

Hit Summary Sheet SW-846

SDG No.: Q3534

Client: Remington & Vernick Engineers

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID :	MW-6							
Q3534-01	MW-6	WATER	1,4-Dioxane	14.900	E	0.07	0.21	ug/L
			Total Svoc :			14.90		
			Total Concentration:			14.90		
Client ID :	MW-6DL							
Q3534-01DL	MW-6DL	WATER	1,4-Dioxane	22.400	D	0.69	2.1	ug/L
			Total Svoc :			22.40		
			Total Concentration:			22.40		
Client ID :	MW-1							
Q3534-02	MW-1	WATER	1,4-Dioxane	62.800	E	0.07	0.21	ug/L
			Total Svoc :			62.80		
			Total Concentration:			62.80		
Client ID :	MW-1DL							
Q3534-02DL	MW-1DL	WATER	1,4-Dioxane	73.100	D	2.1	6.4	ug/L
			Total Svoc :			73.10		
			Total Concentration:			73.10		
Client ID :	MW-11							
Q3534-03	MW-11	WATER	1,4-Dioxane	5.200	E	0.07	0.2	ug/L
			Total Svoc :			5.20		
			Total Concentration:			5.20		
Client ID :	MW-11DL							
Q3534-03DL	MW-11DL	WATER	1,4-Dioxane	5.600	D	0.13	0.41	ug/L
			Total Svoc :			5.60		
			Total Concentration:			5.60		
Client ID :	MW-5							
Q3534-04	MW-5	WATER	1,4-Dioxane	3.300		0.07	0.21	ug/L
			Total Svoc :			3.30		
			Total Concentration:			3.30		
Client ID :	MW-EB-1							
Q3534-05	MW-EB-1	WATER	1,4-Dioxane	6.300	E	0.07	0.2	ug/L
			Total Svoc :			6.30		
			Total Concentration:			6.30		
Client ID :	MW-EB-1DL							
Q3534-05DL	MW-EB-1DL	WATER	1,4-Dioxane	6.700	D	0.13	0.4	ug/L
			Total Svoc :			6.70		

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SDG No.: Q3534
Client: Remington & Vernick Engineers

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
			Total Concentration:	6.70				
Client ID :	MW-EB-2							
Q3534-06	MW-EB-2	WATER	1,4-Dioxane	3.600	0.07		0.2	ug/L
			Total Svoc :	3.60				
			Total Concentration:	3.60				
Client ID :	MW-EB-3							
Q3534-07	MW-EB-3	WATER	1,4-Dioxane	2.300	0.07		0.21	ug/L
			Total Svoc :	2.30				
			Total Concentration:	2.30				



SAMPLE DATA

Report of Analysis

Client: Remington & Vernick Engineers	Date Collected: 11/03/25	
Project: Edison Landfill	Date Received: 11/04/25	
Client Sample ID: MW-6	SDG No.: Q3534	
Lab Sample ID: Q3534-01	Matrix: Water	
Analytical Method: SW8270ESIM Level: LOW	% Solid: 0	
Sample Wt/Vol: 950 mL Final Vol: 1000 uL	Test: SVOC-SIMGroup1	
Prep Method : 3510C Prep Date: 11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
123-91-1	1,4-Dioxane	14.9	E	1	0.070	0.21	ug/L	11/07/25 10:52	PB170427
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.30			30 (20) - 150 (139)	76%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.37			30 (54) - 150 (157)	92%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.34			30 (27) - 130 (154)	84%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.24			30 (30) - 130 (155)	59%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.52	*		30 (54) - 130 (175)	131%	SPK: 0.4		
INTERNAL STANDARDS		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	10200							
1146-65-2	Naphthalene-d8	31700							
15067-26-2	Acenaphthene-d10	28700							
1517-22-2	Phenanthrene-d10	36400							
1719-03-5	Chrysene-d12	24100							
1520-96-3	Perylene-d12	20100							

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Report of Analysis

Client: Remington & Vernick Engineers	Date Collected: 11/03/25	
Project: Edison Landfill	Date Received: 11/04/25	
Client Sample ID: MW-6DL	SDG No.: Q3534	
Lab Sample ID: Q3534-01DL	Matrix: Water	
Analytical Method: SW8270ESIM Level: LOW	% Solid: 0	
Sample Wt/Vol: 950 mL Final Vol: 1000 uL	Test: SVOC-SIMGroup1	
Prep Method : 3510C Prep Date: 11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
123-91-1	1,4-Dioxane	22.4	D	10	0.69	2.10	ug/L	11/08/25 00:44	PB170427
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.50			30 (20) - 150 (139)	125%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.49			30 (54) - 150 (157)	123%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.53	*		30 (27) - 130 (154)	132%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.66	*		30 (30) - 130 (155)	165%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.84	*		30 (54) - 130 (175)	210%	SPK: 0.4		
INTERNAL STANDARDS		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	9040							
1146-65-2	Naphthalene-d8	29100							
15067-26-2	Acenaphthene-d10	18400							
1517-22-2	Phenanthrene-d10	32800							
1719-03-5	Chrysene-d12	18800							
1520-96-3	Perylene-d12	16400							

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Report of Analysis

Client: Remington & Vernick Engineers	Date Collected: 11/03/25	
Project: Edison Landfill	Date Received: 11/04/25	
Client Sample ID: MW-1	SDG No.: Q3534	
Lab Sample ID: Q3534-02	Matrix: Water	
Analytical Method: SW8270ESIM Level: LOW	% Solid: 0	
Sample Wt/Vol: 940 mL Final Vol: 1000 uL	Test: SVOC-SIMGroup1	
Prep Method : 3510C Prep Date: 11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
123-91-1	1,4-Dioxane	62.8	E	1	0.070	0.21	ug/L	11/07/25 11:27	PB170427
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.33			30 (20) - 150 (139)	83%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.37			30 (54) - 150 (157)	93%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.34			30 (27) - 130 (154)	84%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.30			30 (30) - 130 (155)	76%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.51			30 (54) - 130 (175)	127%	SPK: 0.4		
INTERNAL STANDARDS		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	10700							
1146-65-2	Naphthalene-d8	34500							
15067-26-2	Acenaphthene-d10	21100							
1517-22-2	Phenanthrene-d10	39300							
1719-03-5	Chrysene-d12	27000							
1520-96-3	Perylene-d12	21900							

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Report of Analysis

Client: Remington & Vernick Engineers	Date Collected: 11/03/25	
Project: Edison Landfill	Date Received: 11/04/25	
Client Sample ID: MW-1DL	SDG No.: Q3534	
Lab Sample ID: Q3534-02DL	Matrix: Water	
Analytical Method: SW8270ESIM Level: LOW	% Solid: 0	
Sample Wt/Vol: 940 mL Final Vol: 1000 uL	Test: SVOC-SIMGroup1	
Prep Method : 3510C Prep Date: 11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
123-91-1	1,4-Dioxane	73.1	D	30	2.10	6.40	ug/L	11/08/25 01:20	PB170427
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.33			30 (20) - 150 (139)	83%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.36			30 (54) - 150 (157)	90%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.66	*		30 (27) - 130 (154)	165%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.93	*		30 (30) - 130 (155)	233%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.69	*		30 (54) - 130 (175)	173%	SPK: 0.4		
INTERNAL STANDARDS		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	8100							
1146-65-2	Naphthalene-d8	25500							
15067-26-2	Acenaphthene-d10	15000							
1517-22-2	Phenanthrene-d10	26000							
1719-03-5	Chrysene-d12	14800							
1520-96-3	Perylene-d12	14000							

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Report of Analysis

Client: Remington & Vernick Engineers	Date Collected: 11/03/25	
Project: Edison Landfill	Date Received: 11/04/25	
Client Sample ID: MW-11	SDG No.: Q3534	
Lab Sample ID: Q3534-03	Matrix: Water	
Analytical Method: SW8270ESIM Level: LOW	% Solid: 0	
Sample Wt/Vol: 980 mL Final Vol: 1000 uL	Test: SVOC-SIMGroup1	
Prep Method : 3510C Prep Date: 11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
123-91-1	1,4-Dioxane	5.20	E	1	0.070	0.20	ug/L	11/07/25 12:04	PB170427
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.33			30 (20) - 150 (139)	81%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.35			30 (54) - 150 (157)	88%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.35			30 (27) - 130 (154)	88%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.37			30 (30) - 130 (155)	91%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.55	*		30 (54) - 130 (175)	138%	SPK: 0.4		
INTERNAL STANDARDS		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	11100							
1146-65-2	Naphthalene-d8	33200							
15067-26-2	Acenaphthene-d10	19200							
1517-22-2	Phenanthrene-d10	36500							
1719-03-5	Chrysene-d12	22600							
1520-96-3	Perylene-d12	19300							

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Report of Analysis

Client: Remington & Vernick Engineers	Date Collected: 11/03/25	
Project: Edison Landfill	Date Received: 11/04/25	
Client Sample ID: MW-11DL	SDG No.: Q3534	
Lab Sample ID: Q3534-03DL	Matrix: Water	
Analytical Method: SW8270ESIM Level: LOW	% Solid: 0	
Sample Wt/Vol: 980 mL Final Vol: 1000 uL	Test: SVOC-SIMGroup1	
Prep Method : 3510C Prep Date: 11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
123-91-1	1,4-Dioxane	5.60	D	2	0.13	0.41	ug/L	11/08/25 01:57	PB170427
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.34			30 (20) - 150 (139)	84%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.33			30 (54) - 150 (157)	82%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.36			30 (27) - 130 (154)	90%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.41			30 (30) - 130 (155)	101%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.54	*		30 (54) - 130 (175)	134%	SPK: 0.4		
INTERNAL STANDARDS		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	8390							
1146-65-2	Naphthalene-d8	25400							
15067-26-2	Acenaphthene-d10	14600							
1517-22-2	Phenanthrene-d10	24500							
1719-03-5	Chrysene-d12	14000							
1520-96-3	Perylene-d12	14200							

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Report of Analysis

Client: Remington & Vernick Engineers	Date Collected: 11/04/25	
Project: Edison Landfill	Date Received: 11/04/25	
Client Sample ID: MW-5	SDG No.: Q3534	
Lab Sample ID: Q3534-04	Matrix: Water	
Analytical Method: SW8270ESIM Level: LOW	% Solid: 0	
Sample Wt/Vol: 950 mL Final Vol: 1000 uL	Test: SVOC-SIMGroup1	
Prep Method : 3510C Prep Date: 11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
123-91-1	1,4-Dioxane	3.30		1	0.070	0.21	ug/L	11/07/25 16:46	PB170427
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.36			30 (20) - 150 (139)	89%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.38			30 (54) - 150 (157)	94%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.37			30 (27) - 130 (154)	92%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.36			30 (30) - 130 (155)	89%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.54	*		30 (54) - 130 (175)	135%	SPK: 0.4		
INTERNAL STANDARDS		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	11200							
1146-65-2	Naphthalene-d8	37200							
15067-26-2	Acenaphthene-d10	24000							
1517-22-2	Phenanthrene-d10	44300							
1719-03-5	Chrysene-d12	29500							
1520-96-3	Perylene-d12	25000							

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Report of Analysis

Client: Remington & Vernick Engineers	Date Collected: 11/03/25	
Project: Edison Landfill	Date Received: 11/04/25	
Client Sample ID: MW-EB-1	SDG No.: Q3534	
Lab Sample ID: Q3534-05	Matrix: Water	
Analytical Method: SW8270ESIM Level: LOW	% Solid: 0	
Sample Wt/Vol: 990 mL Final Vol: 1000 uL	Test: SVOC-SIMGroup1	
Prep Method : 3510C Prep Date: 11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
123-91-1	1,4-Dioxane	6.30	E	1	0.070	0.20	ug/L	11/07/25 15:33	PB170427
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.34			30 (20) - 150 (139)	84%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.36			30 (54) - 150 (157)	89%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.37			30 (27) - 130 (154)	93%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.13			30 (30) - 130 (155)	32%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.54	*		30 (54) - 130 (175)	136%	SPK: 0.4		
INTERNAL STANDARDS		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	10900							
1146-65-2	Naphthalene-d8	36100							
15067-26-2	Acenaphthene-d10	60200							
1517-22-2	Phenanthrene-d10	41500							
1719-03-5	Chrysene-d12	24600							
1520-96-3	Perylene-d12	21600							

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Report of Analysis

Client: Remington & Vernick Engineers	Date Collected: 11/03/25	
Project: Edison Landfill	Date Received: 11/04/25	
Client Sample ID: MW-EB-1DL	SDG No.: Q3534	
Lab Sample ID: Q3534-05DL	Matrix: Water	
Analytical Method: SW8270ESIM Level: LOW	% Solid: 0	
Sample Wt/Vol: 990 mL Final Vol: 1000 uL	Test: SVOC-SIMGroup1	
Prep Method : 3510C Prep Date: 11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
123-91-1	1,4-Dioxane	6.70	D	2	0.13	0.40	ug/L	11/10/25 11:26	PB170427
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.38			30 (20) - 150 (139)	95%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.40			30 (54) - 150 (157)	101%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.39			30 (27) - 130 (154)	97%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.21			30 (30) - 130 (155)	53%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.55	*		30 (54) - 130 (175)	138%	SPK: 0.4		
INTERNAL STANDARDS		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	9990							
1146-65-2	Naphthalene-d8	33100							
15067-26-2	Acenaphthene-d10	39700							
1517-22-2	Phenanthrene-d10	43600							
1719-03-5	Chrysene-d12	31500							
1520-96-3	Perylene-d12	25900							

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Project: Edison Landfill	Date Received: 11/04/25	
Client Sample ID: MW-EB-2	SDG No.: Q3534	
Lab Sample ID: Q3534-06	Matrix: Water	
Analytical Method: SW8270ESIM Level: LOW	% Solid: 0	
Sample Wt/Vol: 980 mL Final Vol: 1000 uL	Test: SVOC-SIMGroup1	
Prep Method : 3510C Prep Date: 11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
123-91-1	1,4-Dioxane	3.60		1	0.070	0.20	ug/L	11/07/25 17:21	PB170427
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.33			30 (20) - 150 (139)	83%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.32			30 (54) - 150 (157)	80%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.33			30 (27) - 130 (154)	82%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.36			30 (30) - 130 (155)	90%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.46			30 (54) - 130 (175)	115%	SPK: 0.4		
INTERNAL STANDARDS		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	8890							
1146-65-2	Naphthalene-d8	29100							
15067-26-2	Acenaphthene-d10	16800							
1517-22-2	Phenanthrene-d10	27800							
1719-03-5	Chrysene-d12	18100							
1520-96-3	Perylene-d12	18600							

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: Remington & Vernick Engineers	Date Collected: 11/03/25	
Project: Edison Landfill	Date Received: 11/04/25	
Client Sample ID: MW-EB-3	SDG No.: Q3534	
Lab Sample ID: Q3534-07	Matrix: Water	
Analytical Method: SW8270ESIM Level: LOW	% Solid: 0	
Sample Wt/Vol: 950 mL Final Vol: 1000 uL	Test: SVOC-SIMGroup1	
Prep Method : 3510C Prep Date: 11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
123-91-1	1,4-Dioxane	2.30		1	0.070	0.21	ug/L	11/07/25 17:58	PB170427
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.29			30 (20) - 150 (139)	73%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.31			30 (54) - 150 (157)	78%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.28			30 (27) - 130 (154)	70%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.31			30 (30) - 130 (155)	77%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.54	*		30 (54) - 130 (175)	135%	SPK: 0.4		
INTERNAL STANDARDS		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	9140							
1146-65-2	Naphthalene-d8	30200							
15067-26-2	Acenaphthene-d10	18600							
1517-22-2	Phenanthrene-d10	32700							
1719-03-5	Chrysene-d12	18300							
1520-96-3	Perylene-d12	17300							

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: Remington & Vernick Engineers	Date Collected: 11/04/25	
Project: Edison Landfill	Date Received: 11/04/25	
Client Sample ID: FB-1	SDG No.: Q3534	
Lab Sample ID: Q3534-09	Matrix: Water	
Analytical Method: SW8270ESIM Level: LOW	% Solid: 0	
Sample Wt/Vol: 500 mL Final Vol: 500 uL	Test: SVOC-SIMGroup1	
Prep Method : 3510C Prep Date: 11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
123-91-1	1,4-Dioxane	0.070	U	1	0.070	0.20	ug/L	11/07/25 23:31	PB170427
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.071			30 (20) - 150 (139)	36%	SPK: 0.2		
93951-69-0	Fluoranthene-d10	0.083			30 (54) - 150 (157)	41%	SPK: 0.2		
4165-60-0	Nitrobenzene-d5	0.079			30 (27) - 130 (154)	40%	SPK: 0.2		
321-60-8	2-Fluorobiphenyl	0.098			30 (30) - 130 (155)	49%	SPK: 0.2		
1718-51-0	Terphenyl-d14	0.14			30 (54) - 130 (175)	70%	SPK: 0.2		
INTERNAL STANDARDS		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	15000							
1146-65-2	Naphthalene-d8	45100							
15067-26-2	Acenaphthene-d10	24900							
1517-22-2	Phenanthrene-d10	41400							
1719-03-5	Chrysene-d12	24800							
1520-96-3	Perylene-d12	24100							

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: Remington & Vernick Engineers	Date Collected: 11/04/25	
Project: Edison Landfill	Date Received: 11/04/25	
Client Sample ID: EB-1	SDG No.: Q3534	
Lab Sample ID: Q3534-10	Matrix: Water	
Analytical Method: SW8270ESIM Level: LOW	% Solid: 0	
Sample Wt/Vol: 500 mL Final Vol: 500 uL	Test: SVOC-SIMGroup1	
Prep Method : 3510C Prep Date: 11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
123-91-1	1,4-Dioxane	0.070	U	1	0.070	0.20	ug/L	11/08/25 00:07	PB170427
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.14			30 (20) - 150 (139)	69%	SPK: 0.2		
93951-69-0	Fluoranthene-d10	0.15			30 (54) - 150 (157)	76%	SPK: 0.2		
4165-60-0	Nitrobenzene-d5	0.15			30 (27) - 130 (154)	75%	SPK: 0.2		
321-60-8	2-Fluorobiphenyl	0.17			30 (30) - 130 (155)	87%	SPK: 0.2		
1718-51-0	Terphenyl-d14	0.28	*		30 (54) - 130 (175)	142%	SPK: 0.2		
INTERNAL STANDARDS		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	7470							
1146-65-2	Naphthalene-d8	23000							
15067-26-2	Acenaphthene-d10	12700							
1517-22-2	Phenanthrene-d10	20500							
1719-03-5	Chrysene-d12	12500							
1520-96-3	Perylene-d12	12600							

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products



QC SUMMARY

Surrogate Summary

SW-846

SDG No.: Q3534

Client: Remington & Vernick Engineers

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
PB170427BL	PB170427BL	2-Methylnaphthalene-d10	0.4	0.37	92		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.36	91		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.38	95		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.39	98		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.52	129		30 (54)	130 (175)
PB170427BS	PB170427BS	2-Methylnaphthalene-d10	0.4	0.35	88		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.34	84		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.37	93		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.40	99		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.44	110		30 (54)	130 (175)
PB170427BSD	PB170427BSD	2-Methylnaphthalene-d10	0.4	0.37	93		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.29	74		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.36	91		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.38	94		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.47	118		30 (54)	130 (175)
Q3534-01	MW-6	2-Methylnaphthalene-d10	0.4	0.30	76		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.37	92		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.34	84		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.24	59		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.52	131	*	30 (54)	130 (175)
Q3534-01DL	MW-6DL	2-Methylnaphthalene-d10	0.4	0.50	125		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.49	123		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.53	132	*	30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.66	165	*	30 (30)	130 (155)
		Terphenyl-d14	0.4	0.84	210	*	30 (54)	130 (175)
Q3534-02	MW-1	2-Methylnaphthalene-d10	0.4	0.33	83		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.37	93		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.34	84		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.30	76		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.51	127		30 (54)	130 (175)
Q3534-02DL	MW-1DL	2-Methylnaphthalene-d10	0.4	0.33	83		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.36	90		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.66	165	*	30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.93	233	*	30 (30)	130 (155)
		Terphenyl-d14	0.4	0.69	173	*	30 (54)	130 (175)
Q3534-03	MW-11	2-Methylnaphthalene-d10	0.4	0.33	81		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.35	88		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.35	88		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.37	91		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.55	138	*	30 (54)	130 (175)
Q3534-03DL	MW-11DL	2-Methylnaphthalene-d10	0.4	0.34	84		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.33	82		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.36	90		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.41	101		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.54	134	*	30 (54)	130 (175)
Q3534-04	MW-5	2-Methylnaphthalene-d10	0.4	0.36	89		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.38	94		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.37	92		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.36	89		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.54	135	*	30 (54)	130 (175)
Q3534-05	MW-EB-1	2-Methylnaphthalene-d10	0.4	0.34	84		30 (20)	150 (139)

() = LABORATORY INHOUSE LIMIT

Surrogate Summary

SW-846

SDG No.: Q3534

Client: Remington & Vernick Engineers

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
Q3534-05	MW-EB-1	Fluoranthene-d10	0.4	0.36	89		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.37	93		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.13	32		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.54	136	*	30 (54)	130 (175)
Q3534-05DL	MW-EB-1DL	2-Methylnaphthalene-d10	0.4	0.38	95		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.40	101		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.39	97		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.21	53		30 (30)	130 (155)
Q3534-06	MW-EB-2	Terphenyl-d14	0.4	0.55	138	*	30 (54)	130 (175)
		2-Methylnaphthalene-d10	0.4	0.33	83		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.32	80		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.33	82		30 (27)	130 (154)
Q3534-07	MW-EB-3	2-Fluorobiphenyl	0.4	0.36	90		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.46	115		30 (54)	130 (175)
		2-Methylnaphthalene-d10	0.4	0.29	73		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.31	78		30 (54)	150 (157)
Q3534-09	FB-1	Nitrobenzene-d5	0.4	0.28	70		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.31	77		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.54	135	*	30 (54)	130 (175)
		2-Methylnaphthalene-d10	0.2	0.071	36		30 (20)	150 (139)
Q3534-10	EB-1	Fluoranthene-d10	0.2	0.083	41		30 (54)	150 (157)
		Nitrobenzene-d5	0.2	0.079	40		30 (27)	130 (154)
		2-Fluorobiphenyl	0.2	0.098	49		30 (30)	130 (155)
		Terphenyl-d14	0.2	0.14	70		30 (54)	130 (175)
		2-Methylnaphthalene-d10	0.2	0.14	69		30 (20)	150 (139)
		Fluoranthene-d10	0.2	0.15	76		30 (54)	150 (157)
		Nitrobenzene-d5	0.2	0.15	75		30 (27)	130 (154)
		2-Fluorobiphenyl	0.2	0.17	87		30 (30)	130 (155)
		Terphenyl-d14	0.2	0.28	142	*	30 (54)	130 (175)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3534

Analytical Method: 8270-Modified

Client: Remington & Vernick Engineers

DataFile: BN038152.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB170427BS	1,4-Dioxane	0.4	0.32	ug/L	80				20 (65)	160 (116)	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3534

Analytical Method: 8270-Modified

Client: Remington & Vernick Engineers

DataFile: BN038153.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		
								Qual	Low	High	RPD
PB170427BSD	1,4-Dioxane	0.4	0.30	ug/L	75	6			20 (65)	160 (116)	20 (27)

4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID

PB170427BL

Lab Name: <u>Alliance</u>	Contract: <u>REMI02</u>
Lab Code: <u>ACE</u>	SDG NO.: <u>Q3534</u>
Lab File ID: <u>BN038175.D</u>	Lab Sample ID: <u>PB170427BL</u>
Instrument ID: <u>BNA_N</u>	Date Extracted: <u>11/06/2025</u>
Matrix: (soil/water) <u>Water</u>	Date Analyzed: <u>11/10/2025</u>
Level: (low/med) <u>LOW</u>	Time Analyzed: <u>10:50</u>

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB170427BS	PB170427BS	BN038152.D	11/07/2025
PB170427BSD	PB170427BSD	BN038153.D	11/07/2025
MW-6	Q3534-01	BN038149.D	11/07/2025
MW-1	Q3534-02	BN038150.D	11/07/2025
MW-11	Q3534-03	BN038151.D	11/07/2025
MW-5	Q3534-04	BN038157.D	11/07/2025
MW-EB-1	Q3534-05	BN038155.D	11/07/2025
MW-EB-2	Q3534-06	BN038158.D	11/07/2025
MW-EB-3	Q3534-07	BN038159.D	11/07/2025
FB-1	Q3534-09	BN038167.D	11/07/2025
EB-1	Q3534-10	BN038168.D	11/08/2025

COMMENTS: _____

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BN038110.D
Instrument ID: BNA_N

Contract: REMI02
SDG NO.: Q3534
DFTPP Injection Date: 10/28/2025
DFTPP Injection Time: 12:05

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.7 (1.8) 1
69	Mass 69 relative abundance	38.2
70	Less than 2.0% of mass 69	0.2 (0.5) 1
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.5
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	14.2
442	Greater than 50% of mass 198	85.3
443	15.0 - 24.0% of mass 442	17 (19.9) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC0.1	SSTDICC0.1	BN038111.D	10/28/2025	13:00
SSTDICC0.2	SSTDICC0.2	BN038112.D	10/28/2025	13:36
SSTDICCC0.4	SSTDICCC0.4	BN038113.D	10/28/2025	14:13
SSTDICC0.8	SSTDICC0.8	BN038114.D	10/28/2025	14:49
SSTDICC1.6	SSTDICC1.6	BN038115.D	10/28/2025	15:25
SSTDICC3.2	SSTDICC3.2	BN038116.D	10/28/2025	16:02
SSTDICC5.0	SSTDICC5.0	BN038117.D	10/28/2025	16:38

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BN038146.D
Instrument ID: BNA_N

Contract: REMI02
SDG NO.: Q3534
DFTPP Injection Date: 11/07/2025
DFTPP Injection Time: 09:00

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.4 (1.1) 1
69	Mass 69 relative abundance	35.7
70	Less than 2.0% of mass 69	0.2 (0.5) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
365	Greater than 1% of mass 198	3.7
441	Present, but less than mass 443	15
442	Greater than 50% of mass 198	98.3
443	15.0 - 24.0% of mass 442	19.4 (19.7) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC0.4	SSTDCCC0.4	BN038147.D	11/07/2025	09:39
MW-6	Q3534-01	BN038149.D	11/07/2025	10:52
MW-1	Q3534-02	BN038150.D	11/07/2025	11:27
MW-11	Q3534-03	BN038151.D	11/07/2025	12:04
PB170427BS	PB170427BS	BN038152.D	11/07/2025	13:44
PB170427BSD	PB170427BSD	BN038153.D	11/07/2025	14:20
MW-EB-1	Q3534-05	BN038155.D	11/07/2025	15:33
MW-5	Q3534-04	BN038157.D	11/07/2025	16:46
MW-EB-2	Q3534-06	BN038158.D	11/07/2025	17:21
MW-EB-3	Q3534-07	BN038159.D	11/07/2025	17:58

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BN038164.D
Instrument ID: BNA_N

Contract: REMI02
SDG NO.: Q3534
DFTPP Injection Date: 11/07/2025
DFTPP Injection Time: 21:38

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	33
70	Less than 2.0% of mass 69	0.2 (0.5) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	16.5
442	Greater than 50% of mass 198	99.5
443	15.0 - 24.0% of mass 442	20.5 (20.6) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC0.4	SSTDCCC0.4	BN038165.D	11/07/2025	22:18
FB-1	Q3534-09	BN038167.D	11/07/2025	23:31
EB-1	Q3534-10	BN038168.D	11/08/2025	00:07
MW-6DL	Q3534-01DL	BN038169.D	11/08/2025	00:44
MW-1DL	Q3534-02DL	BN038170.D	11/08/2025	01:20
MW-11DL	Q3534-03DL	BN038171.D	11/08/2025	01:57

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BN038173.D
Instrument ID: BNA_N

Contract: REMI02
SDG NO.: Q3534
DFTPP Injection Date: 11/10/2025
DFTPP Injection Time: 09:30

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.7 (1.7) 1
69	Mass 69 relative abundance	39.7
70	Less than 2.0% of mass 69	0.2 (0.6) 1
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	12.5
442	Greater than 50% of mass 198	83.2
443	15.0 - 24.0% of mass 442	16.3 (19.6) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC0.4	SSTDCCC0.4	BN038174.D	11/10/2025	10:14
PB170427BL	PB170427BL	BN038175.D	11/10/2025	10:50
MW-EB-1DL	Q3534-05DL	BN038176.D	11/10/2025	11:26

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3534

Client ID : SSTDCCC0.4

Date Analyzed: 11/07/2025

Lab File ID: BN038147.D

Time Analyzed: 09:39

Instrument ID: BNA_N

GC Column: ZB-GR ID: 0.25 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	8319	7.775	24620	10.57	13514	14.43
UPPER LIMIT	16638	8.275	49240	11.073	27028	14.93
LOWER LIMIT	4159.5	7.275	12310	10.073	6757	13.93
EPA SAMPLE NO.						
01 PB170427BS	9551	7.79	28713	10.58	15548	14.44
02 PB170427BSD	10026	7.78	28983	10.57	15515	14.43
03 MW-6	10192	7.78	31652	10.57	28745 *	14.43
04 MW-1	10682	7.78	34512	10.57	21143	14.43
05 MW-11	11126	7.78	33175	10.57	19180	14.43
06 MW-5	11219	7.78	37220	10.57	24015	14.43
07 MW-EB-1	10875	7.78	36113	10.57	60230 *	14.43
08 MW-EB-2	8893	7.77	29066	10.57	16810	14.43
09 MW-EB-3	9137	7.78	30158	10.57	18614	14.43

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3534

Client ID: SSTDCCC0.4

Date Analyzed: 11/07/2025

Lab File ID: BN038147.D

Time Analyzed: 09:39

Instrument ID: BNA_N

GC Column: ZB-GR ID: 0.25 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	25821	17.186	19154	21.375	16199	23.683
UPPER LIMIT	51642	17.686	38308	21.875	32398	24.183
LOWER LIMIT	12910.5	16.686	9577	20.875	8099.5	23.183
EPA SAMPLE NO.						
01 PB170427BS	28280	17.19	19896	21.38	16901	23.70
02 PB170427BSD	27421	17.19	14748	21.38	12843	23.69
03 MW-6	36418	17.19	24102	21.38	20067	23.68
04 MW-1	39293	17.19	27007	21.38	21896	23.68
05 MW-11	36543	17.19	22615	21.38	19271	23.68
06 MW-5	44332	17.19	29531	21.38	25013	23.69
07 MW-EB-1	41457	17.19	24620	21.38	21598	23.69
08 MW-EB-2	27804	17.19	18112	21.38	18619	23.69
09 MW-EB-3	32744	17.19	18258	21.38	17319	23.69

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3534

Client ID : SSTDCCC0.4

Date Analyzed: 11/07/2025

Lab File ID: BN038165.D

Time Analyzed: 22:18

Instrument ID: BNA_N

GC Column: ZB-GR ID: 0.25 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	9349	7.775	29936	10.57	17702	14.43
UPPER LIMIT	18698	8.275	59872	11.073	35404	14.93
LOWER LIMIT	4674.5	7.275	14968	10.073	8851	13.93
EPA SAMPLE NO.						
01 MW-6DL	9036	7.78	29109	10.57	18416	14.43
02 MW-1DL	8096	7.78	25457	10.57	14977	14.43
03 MW-11DL	8387	7.78	25419	10.57	14582	14.43
04 FB-1	14967	7.78	45140	10.57	24883	14.43
05 EB-1	7465	7.78	23044	10.57	12718	14.43

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3534

Client ID: SSTDCCC0.4

Date Analyzed: 11/07/2025

Lab File ID: BN038165.D

Time Analyzed: 22:18

Instrument ID: BNA_N

GC Column: ZB-GR ID: 0.25 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	32727	17.186	20278	21.375	17474	23.686
UPPER LIMIT	65454	17.686	40556	21.875	34948	24.186
LOWER LIMIT	16363.5	16.686	10139	20.875	8737	23.186
EPA SAMPLE NO.						
01 MW-6DL	32776	17.19	18818	21.38	16362	23.68
02 MW-1DL	25954	17.19	14825	21.38	13976	23.68
03 MW-11DL	24478	17.19	14041	21.38	14209	23.68
04 FB-1	41414	17.19	24824	21.38	24058	23.69
05 EB-1	20516	17.19	12475	21.38	12586	23.68

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3534

Client ID : SSTDCCC0.4

Date Analyzed: 11/10/2025

Lab File ID: BN038174.D

Time Analyzed: 10:14

Instrument ID: BNA_N

GC Column: ZB-GR ID: 0.25 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	8757	7.782	27774	10.58	15906	14.44
UPPER LIMIT	17514	8.282	55548	11.084	31812	14.941
LOWER LIMIT	4378.5	7.282	13887	10.084	7953	13.941
EPA SAMPLE NO.						
01 PB170427BL	8905	7.78	26771	10.57	15040	14.43
02 MW-EB-1DL	9993	7.78	33147	10.57	39685 *	14.43

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3534

Client ID: SSTDCCC0.4

Date Analyzed: 11/10/2025

Lab File ID: BN038174.D

Time Analyzed: 10:14

Instrument ID: BNA_N

GC Column: ZB-GR ID: 0.25 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	29029	17.186	18717	21.375	15819	23.689
UPPER LIMIT	58058	17.686	37434	21.875	31638	24.189
LOWER LIMIT	14514.5	16.686	9358.5	20.875	7909.5	23.189
EPA SAMPLE NO.						
01 PB170427BL	27324	17.19	18808	21.38	16112	23.69
02 MW-EB-1DL	43630	17.19	31483	21.38	25895	23.69

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.



QC SAMPLE DATA

Report of Analysis

Client: Remington & Vernick Engineers	Date Collected:	
Project: Edison Landfill	Date Received:	
Client Sample ID: PB170427BL	SDG No.:	Q3534
Lab Sample ID: PB170427BL	Matrix:	Water
Analytical Method: SW8270ESIM Level: LOW	% Solid:	0
Sample Wt/Vol: 1000 mL Final Vol: 1000 uL	Test:	SVOC-SIMGroup1
Prep Method : 3510C Prep Date: 11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
123-91-1	1,4-Dioxane	0.070	U	1	0.070	0.20	ug/L	11/10/25 10:50	PB170427
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.37			30 (20) - 150 (139)	92%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.36			30 (54) - 150 (157)	91%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.38			30 (27) - 130 (154)	95%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.39			30 (30) - 130 (155)	98%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.52			30 (54) - 130 (175)	129%	SPK: 0.4		
INTERNAL STANDARDS		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	8910							
1146-65-2	Naphthalene-d8	26800							
15067-26-2	Acenaphthene-d10	15000							
1517-22-2	Phenanthrene-d10	27300							
1719-03-5	Chrysene-d12	18800							
1520-96-3	Perylene-d12	16100							

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: Remington & Vernick Engineers	Date Collected:	
Project: Edison Landfill	Date Received:	
Client Sample ID: PB170427BS	SDG No.:	Q3534
Lab Sample ID: PB170427BS	Matrix:	Water
Analytical Method: SW8270ESIM Level: LOW	% Solid:	0
Sample Wt/Vol: 1000 mL Final Vol: 1000 uL	Test:	SVOC-SIMGroup1
Prep Method : 3510C Prep Date: 11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
123-91-1	1,4-Dioxane	0.32		1	0.070	0.20	ug/L	11/07/25 13:44	PB170427
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.35			30 (20) - 150 (139)	88%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.34			30 (54) - 150 (157)	84%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.37			30 (27) - 130 (154)	93%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.40			30 (30) - 130 (155)	99%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.44			30 (54) - 130 (175)	110%	SPK: 0.4		
INTERNAL STANDARDS		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	9550							
1146-65-2	Naphthalene-d8	28700							
15067-26-2	Acenaphthene-d10	15500							
1517-22-2	Phenanthrene-d10	28300							
1719-03-5	Chrysene-d12	19900							
1520-96-3	Perylene-d12	16900							

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: Remington & Vernick Engineers	Date Collected:	
Project: Edison Landfill	Date Received:	
Client Sample ID: PB170427BSD	SDG No.:	Q3534
Lab Sample ID: PB170427BSD	Matrix:	Water
Analytical Method: SW8270ESIM Level: LOW	% Solid:	0
Sample Wt/Vol: 1000 mL Final Vol: 1000 uL	Test:	SVOC-SIMGroup1
Prep Method : 3510C Prep Date: 11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
123-91-1	1,4-Dioxane	0.30		1	0.070	0.20	ug/L	11/07/25 14:20	PB170427
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.37			30 (20) - 150 (139)	93%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.29			30 (54) - 150 (157)	74%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.36			30 (27) - 130 (154)	91%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.38			30 (30) - 130 (155)	94%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.47			30 (54) - 130 (175)	118%	SPK: 0.4		
INTERNAL STANDARDS		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	10000							
1146-65-2	Naphthalene-d8	29000							
15067-26-2	Acenaphthene-d10	15500							
1517-22-2	Phenanthrene-d10	27400							
1719-03-5	Chrysene-d12	14700							
1520-96-3	Perylene-d12	12800							

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products



CALIBRATION SUMMARY

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\
 Method File : 8270-SIM-BN102825.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Wed Oct 29 13:09:46 2025
 Response Via : Initial Calibration

Calibration Files

0.1 =BN038111.D 0.2 =BN038112.D 0.4 =BN038113.D 0.8 =BN038114.D 1.6 =BN038115.D 3.2 =BN038116.D 5 =BN038117.D

	Compound	0.1	0.2	0.4	0.8	1.6	3.2	5	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.446	0.424	0.405	0.416	0.400	0.389	0.413	4.87	
3)	n-Nitrosodimet...	0.528	0.537	0.527	0.547	0.534	0.518	0.532	1.85	
4) S	2-Fluorophenol	1.066	0.973	0.954	0.907	0.918	0.895	0.882	0.942	6.73
5) S	Phenol-d6	1.266	1.134	1.134	1.097	1.131	1.135	1.137	1.148	4.71
6)	bis(2-Chloroet...	1.164	1.140	1.126	1.122	1.148	1.114	1.079	1.128	2.42
7) I	Naphthalene-d8	-----ISTD-----								
8) S	Nitrobenzene-d5	0.403	0.312	0.313	0.301	0.316	0.307	0.307	0.323	11.11
9)	Naphthalene	1.139	1.097	1.081	1.080	1.125	1.107	1.084	1.102	2.08
10)	Hexachlorobuta...	0.198	0.187	0.187	0.182	0.188	0.183	0.177	0.186	3.49
11) SURR2	Methylnaphth...	0.581	0.569	0.551	0.549	0.586	0.584	0.579	0.571	2.69
12)	2-Methylnaphth...	0.765	0.712	0.709	0.713	0.757	0.749	0.738	0.735	3.22
13) I	Acenaphthene-d10	-----ISTD-----								
14) S	2,4,6-Tribromo...	0.156	0.151	0.149	0.152	0.171	0.182	0.194	0.165	10.70
15) S	2-Fluorobiphenyl	1.794	1.649	1.577	1.570	1.615	1.514	1.495	1.602	6.24
16)	Acenaphthylene	1.768	1.728	1.711	1.764	1.891	1.912	1.908	1.811	4.88
17)	Acenaphthene	1.260	1.242	1.211	1.234	1.318	1.310	1.297	1.267	3.25
18)	Fluorene	1.549	1.618	1.596	1.635	1.768	1.731	1.729	1.661	4.93
19) I	Phenanthrene-d10	-----ISTD-----								
20)	4,6-Dinitro-2-...	0.041	0.045	0.051	0.064	0.073		0.055	24.55	
21)	4-Bromophenyl-...	0.260	0.251	0.250	0.256	0.274	0.271	0.275	0.262	4.06
22)	Hexachlorobenzene	0.304	0.292	0.298	0.293	0.306	0.297	0.298	0.298	1.76
23)	Atrazine	0.190	0.176	0.176	0.179	0.203	0.209	0.211	0.192	8.19
24)	Pentachlorophenol	0.112	0.108	0.113	0.132	0.146	0.159	0.128	16.16	
25)	Phenanthrene	1.281	1.231	1.224	1.236	1.327	1.293	1.298	1.270	3.12
26)	Anthracene	1.076	1.029	1.047	1.057	1.182	1.183	1.202	1.111	6.72
27) SURR	Fluoranthene-d10	1.040	0.969	0.957	0.981	1.050	1.055	1.009	1.009	4.01
28)	Fluoranthene	1.448	1.349	1.345	1.394	1.492	1.491	1.414	1.419	4.30
29) I	Chrysene-d12	-----ISTD-----								
30)	Pyrene	1.834	1.853	1.842	1.664	1.835	1.766	1.846	1.806	3.82
31) S	Terphenyl-d14	0.878	0.881	0.872	0.807	0.892	0.862	0.891	0.869	3.37
32)	Benzo(a)anthra...	1.491	1.379	1.358	1.363	1.469	1.474	1.456	1.427	4.06
33)	Chrysene	1.623	1.586	1.543	1.523	1.558	1.518	1.490	1.549	2.91
34)	Bis(2-ethylhex...	0.910	0.722	0.700	0.721	0.754	0.703	0.752	10.60	
35) I	Perylene-d12	-----ISTD-----								

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\

Method File : 8270-SIM-BN102825.M

36)	Indeno(1,2,3-c...	1.521	1.512	1.604	1.620	1.730	1.739	1.778	1.643	6.53
37)	Benzo(b)fluora...	1.603	1.543	1.630	1.729	1.806	1.839	1.822	1.710	6.94
38)	Benzo(k)fluora...	1.652	1.590	1.619	1.669	1.831	1.835	1.855	1.721	6.62
39) C	Benzo(a)pyrene	1.344	1.276	1.316	1.314	1.420	1.451	1.462	1.369	5.44
40)	Dibenzo(a,h)an...	1.149	1.150	1.196	1.240	1.352	1.363	1.402	1.265	8.42
41)	Benzo(g,h,i)pe...	1.402	1.365	1.426	1.432	1.499	1.477	1.509	1.444	3.66

(#) = Out of Range

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>REMI02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3534</u>
Instrument ID:	<u>BNA_N</u>	Calibration Date/Time:	<u>11/07/2025 09:39</u>
Lab File ID:	<u>BN038147.D</u>	Init. Calib. Date(s):	<u>10/28/2025 10/28/2025</u>
EPA Sample No.:	<u>SSTDCCC0.4</u>	Init. Calib. Time(s):	<u>13:00 16:38</u>
GC Column:	<u>ZB-GR</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF0.4	MIN RRF	%D	MAX%D
2-Methylnaphthalene-d10	0.571	0.545		-4.6	20.0
Fluoranthene-d10	1.008	0.947		-6.1	20.0
2-Fluorophenol	0.943	0.847		-10.2	20.0
Phenol-d6	1.148	1.036		-9.8	20.0
Nitrobenzene-d5	0.323	0.310		-4.0	20.0
2-Fluorobiphenyl	1.602	1.557		-2.8	20.0
2,4,6-Tribromophenol	0.165	0.133		-19.4	20.0
Terphenyl-d14	0.869	0.848		-2.4	20.0
1,4-Dioxane	0.416	0.407		-2.2	20.0

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>REMI02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3534</u>
Instrument ID:	<u>BNA_N</u>	Calibration Date/Time:	<u>11/07/2025 22:18</u>
Lab File ID:	<u>BN038165.D</u>	Init. Calib. Date(s):	<u>10/28/2025 10/28/2025</u>
EPA Sample No.:	<u>SSTDCCC0.4</u>	Init. Calib. Time(s):	<u>13:00 16:38</u>
GC Column:	<u>ZB-GR</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF0.4	MIN RRF	%D	MAX%D
2-Methylnaphthalene-d10	0.571	0.573		0.3	20.0
Fluoranthene-d10	1.008	0.902		-10.5	20.0
2-Fluorophenol	0.943	1.018		8.0	20.0
Phenol-d6	1.148	1.267		10.4	20.0
Nitrobenzene-d5	0.323	0.324		0.3	20.0
2-Fluorobiphenyl	1.602	1.451		-9.4	20.0
2,4,6-Tribromophenol	0.165	0.143		-13.3	20.0
Terphenyl-d14	0.869	0.993		14.3	20.0
1,4-Dioxane	0.416	0.399		-4.1	20.0

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>REMI02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3534</u>
Instrument ID:	<u>BNA_N</u>	Calibration Date/Time:	<u>11/10/2025 10:14</u>
Lab File ID:	<u>BN038174.D</u>	Init. Calib. Date(s):	<u>10/28/2025 10/28/2025</u>
EPA Sample No.:	<u>SSTDCCC0.4</u>	Init. Calib. Time(s):	<u>13:00 16:38</u>
GC Column:	<u>ZB-GR</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF0.4	MIN RRF	%D	MAX%D
2-Methylnaphthalene-d10	0.571	0.561		-1.8	20.0
Fluoranthene-d10	1.008	0.917		-9.0	20.0
2-Fluorophenol	0.943	0.971		3.0	20.0
Phenol-d6	1.148	1.169		1.8	20.0
Nitrobenzene-d5	0.323	0.319		-1.2	20.0
2-Fluorobiphenyl	1.602	1.533		-4.3	20.0
2,4,6-Tribromophenol	0.165	0.120		-27.3	20.0
Terphenyl-d14	0.869	0.958		10.2	20.0
1,4-Dioxane	0.416	0.404		-2.9	20.0

All other compounds must meet a minimum RRF of 0.010.



SAMPLE RAW DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110725\
 Data File : BN038149.D
 Acq On : 07 Nov 2025 10:52
 Operator : RC/JU
 Sample : Q3534-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-6

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/10/2025
 Supervised By :Jagrut Upadhyay 11/10/2025

Quant Time: Nov 07 11:15:31 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 29 13:09:46 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

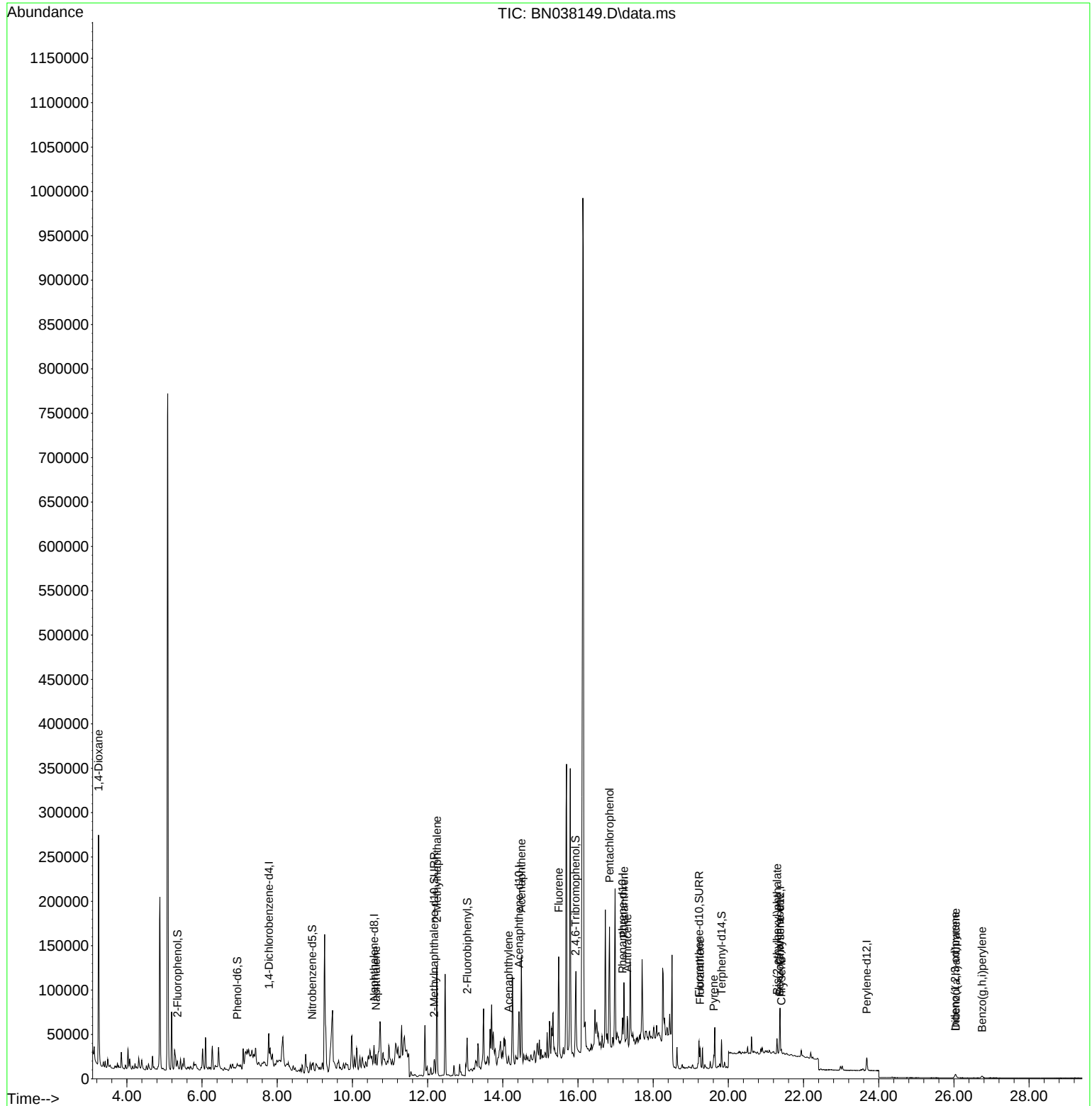
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	10192	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	31652	0.400	ng	# 0.00
13) Acenaphthene-d10	14.430	164	28745	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	36418	0.400	ng	# 0.00
29) Chrysene-d12	21.375	240	24102	0.400	ng	# 0.00
35) Perylene-d12	23.680	264	20067	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	5382	0.224	ng	0.00
5) Phenol-d6	6.937	99	3656	0.125	ng	0.00
8) Nitrobenzene-d5	8.929	82	8623	0.338	ng	0.00
11) 2-Methylnaphthalene-d10	12.172	152	13702m	0.303	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	4308	0.364	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	27151	0.236	ng	0.00
27) Fluoranthene-d10	19.220	212	33915	0.369	ng	0.00
31) Terphenyl-d14	19.819	244	27365	0.523	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.247	88	148894	14.139	ng	98
9) Naphthalene	10.626	128	17492	0.201	ng	# 92
12) 2-Methylnaphthalene	12.248	142	91422	1.573	ng	100
16) Acenaphthylene	14.152	152	3724	0.029	ng	# 83
17) Acenaphthene	14.494	154	58144	0.638	ng	98
18) Fluorene	15.489	166	67952	0.569	ng	# 94
24) Pentachlorophenol	16.838	266	2835	0.242	ng	99
25) Phenanthrene	17.223	178	71457	0.618	ng	99
26) Anthracene	17.310	178	17631m	0.174	ng	
28) Fluoranthene	19.248	202	15796	0.122	ng	# 86
30) Pyrene	19.610	202	12169	0.112	ng	# 80
32) Benzo(a)anthracene	21.357	228	6339	0.074	ng	# 80
33) Chrysene	21.411	228	4095	0.044	ng	# 67
34) Bis(2-ethylhexyl)phtha...	21.295	149	16812	0.371	ng	# 90
36) Indeno(1,2,3-cd)pyrene	26.034	276	4958	0.060	ng	99
40) Dibenzo(a,h)anthracene	26.051	278	4107	0.065	ng	# 67
41) Benzo(g,h,i)perylene	26.750	276	4286	0.059	ng	# 83

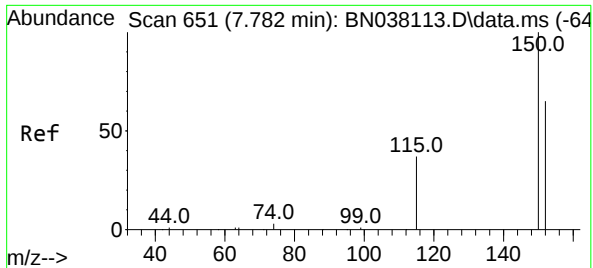
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_N
ClientSampleId :
MW-6

Manual Integrations

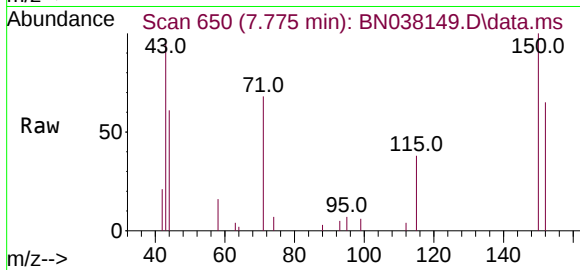
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.775 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN038149.D
Acq: 07 Nov 2025 10:52

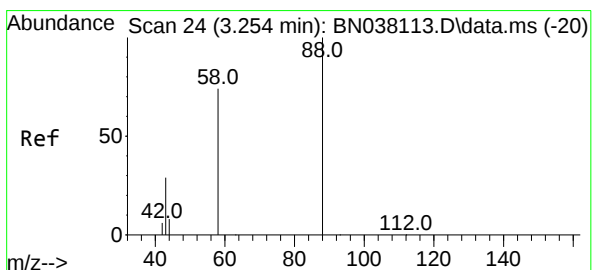
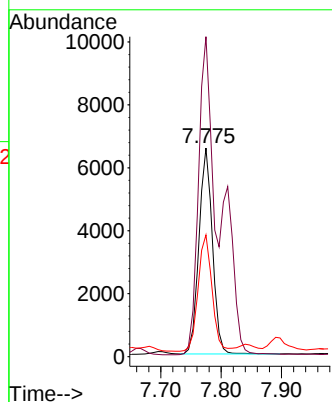
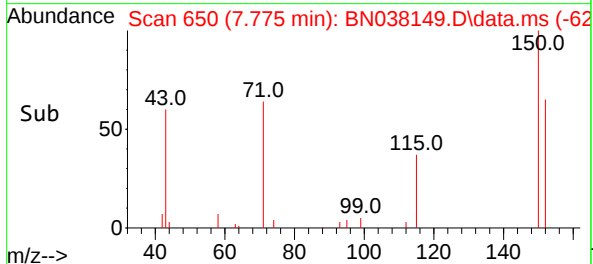
Instrument :
BNA_N
ClientSampleId :
MW-6



Tgt Ion: 152 Resp: 10192
Ion Ratio Lower Upper
152 100
150 153.4 122.3 183.5
115 58.3 47.4 71.0

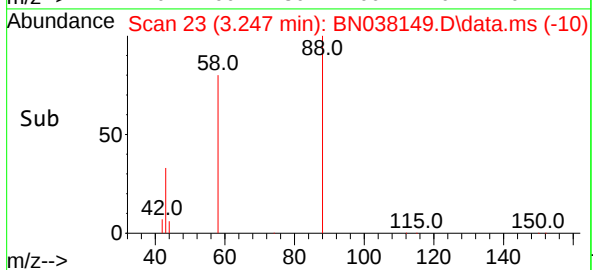
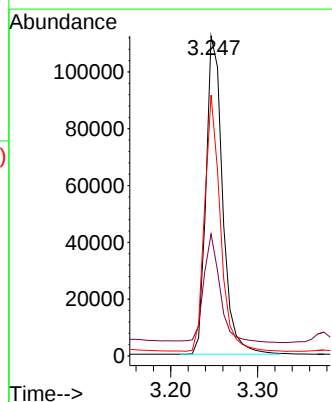
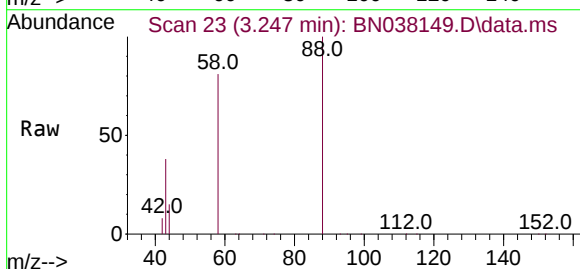
Manual Integrations
APPROVED

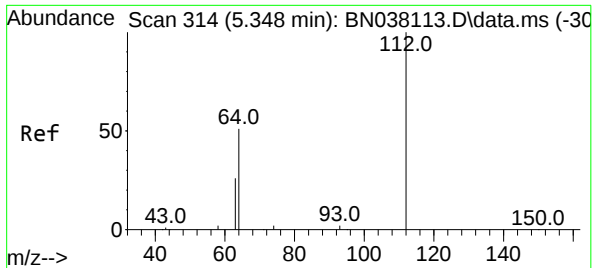
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#2
1,4-Dioxane
Concen: 14.139 ng
RT: 3.247 min Scan# 23
Delta R.T. -0.007 min
Lab File: BN038149.D
Acq: 07 Nov 2025 10:52

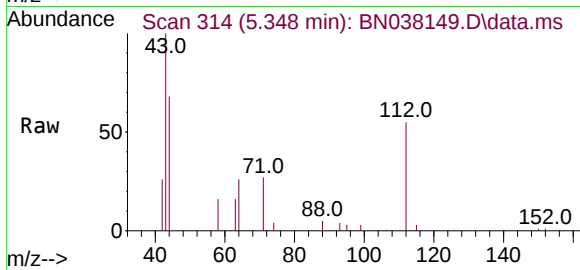
Tgt Ion: 88 Resp: 148894
Ion Ratio Lower Upper
88 100
43 33.4 24.3 36.5
58 75.6 60.4 90.6





#4
2-Fluorophenol
Concen: 0.224 ng
RT: 5.348 min Scan# 314
Delta R.T. -0.000 min
Lab File: BN038149.D
Acq: 07 Nov 2025 10:52

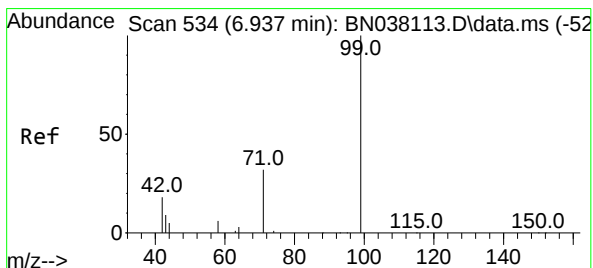
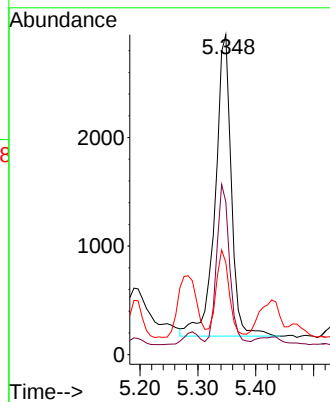
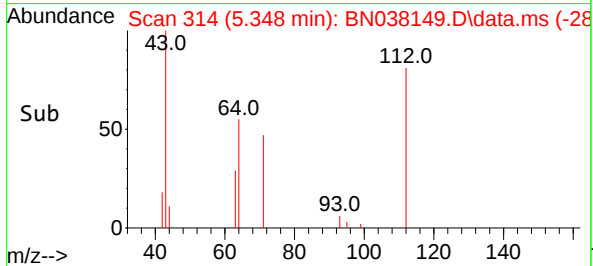
Instrument :
BNA_N
ClientSampleId :
MW-6



Tgt Ion: 112 Resp: 5382
Ion Ratio Lower Upper
112 100
64 42.9 45.4 68.0#
63 21.6 23.2 34.8#

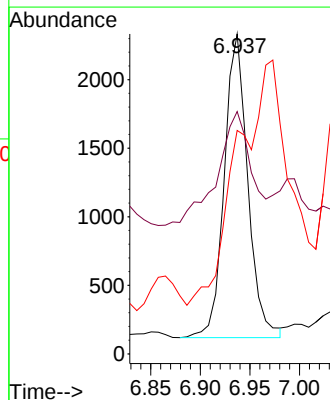
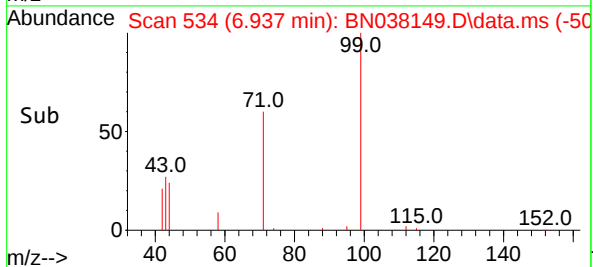
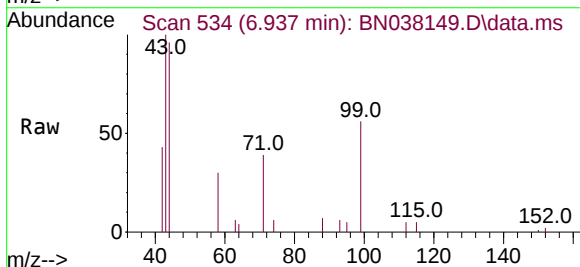
Manual Integrations
APPROVED

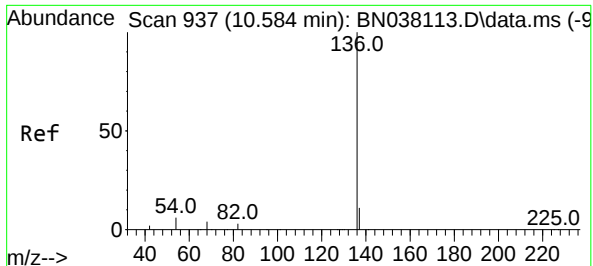
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#5
Phenol-d6
Concen: 0.125 ng
RT: 6.937 min Scan# 534
Delta R.T. -0.000 min
Lab File: BN038149.D
Acq: 07 Nov 2025 10:52

Tgt Ion: 99 Resp: 3656
Ion Ratio Lower Upper
99 100
42 54.3 16.6 24.8#
71 0.0 25.4 38.2#





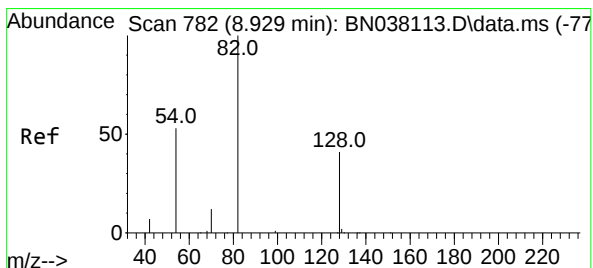
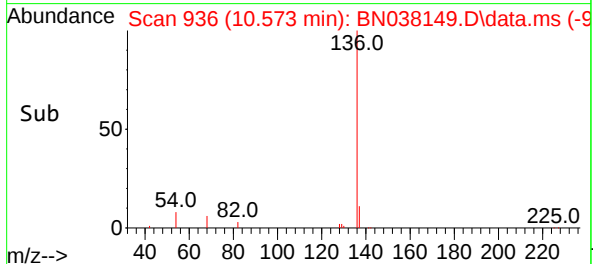
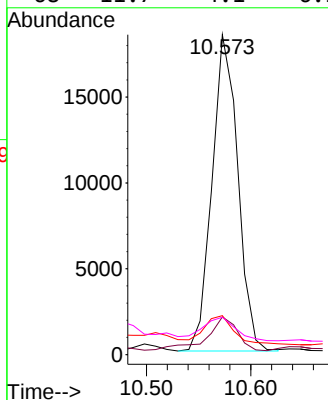
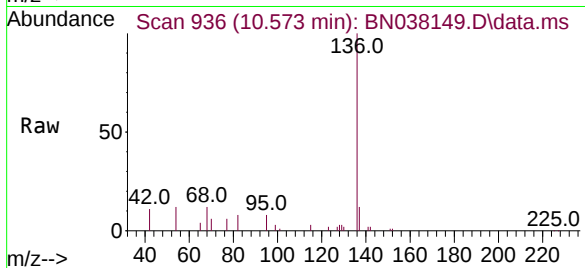
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 936
Delta R.T. -0.000 min
Lab File: BN038149.D
Acq: 07 Nov 2025 10:52

Instrument :
BNA_N
ClientSampleId :
MW-6

Tgt Ion:	136	Resp:	31652
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.0	13.4
54	12.2	5.2	7.8
68	11.7	4.1	6.1

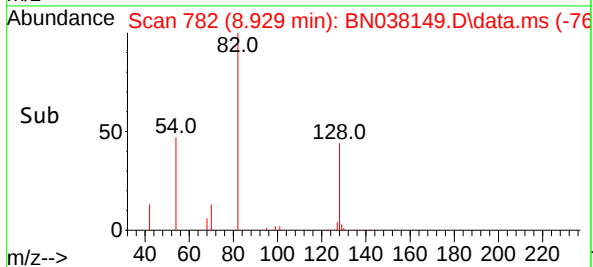
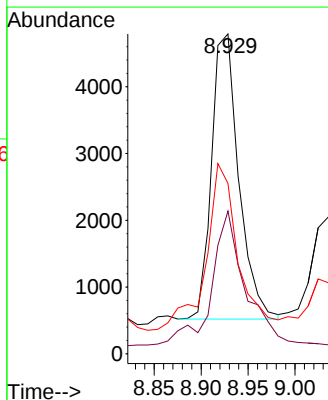
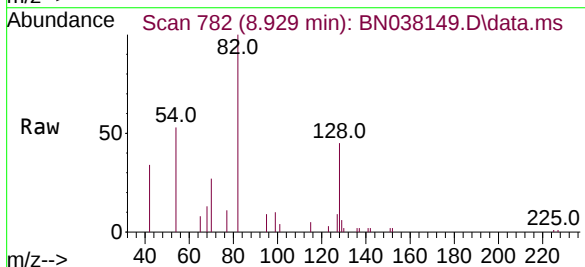
Manual Integrations
APPROVED

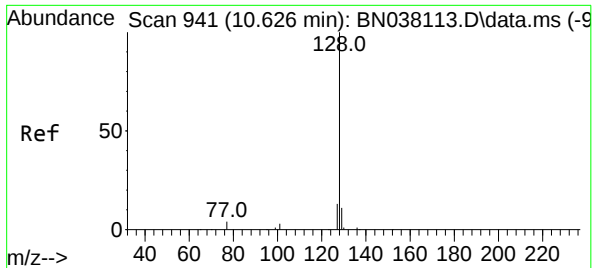
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#8
Nitrobenzene-d5
Concen: 0.338 ng
RT: 8.929 min Scan# 782
Delta R.T. -0.000 min
Lab File: BN038149.D
Acq: 07 Nov 2025 10:52

Tgt Ion:	82	Resp:	8623
Ion	Ratio	Lower	Upper
82	100		
128	44.6	34.1	51.1
54	53.3	43.5	65.3





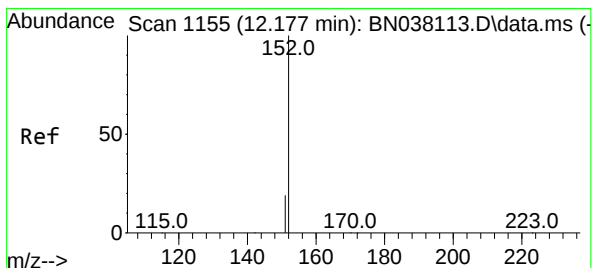
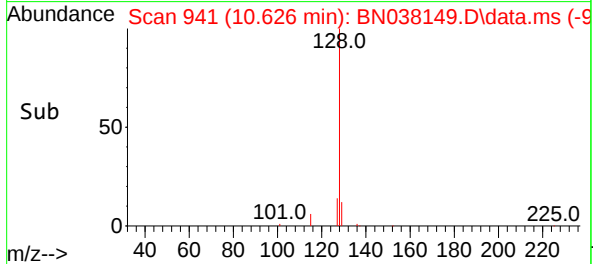
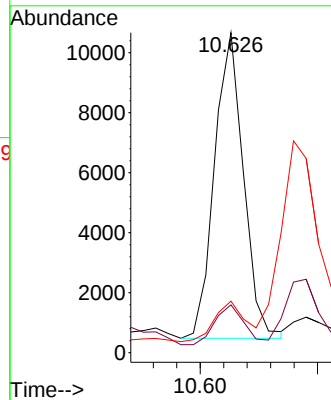
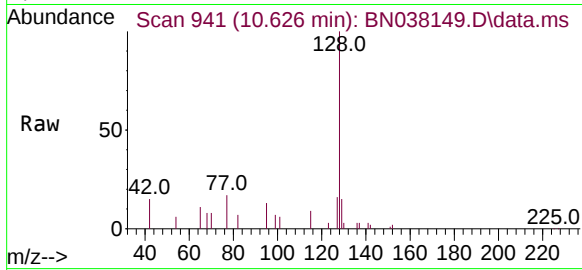
#9
Naphthalene
Concen: 0.201 ng
RT: 10.626 min Scan# 941
Delta R.T. -0.000 min
Lab File: BN038149.D
Acq: 07 Nov 2025 10:52

Instrument :
BNA_N
ClientSampleId :
MW-6

Tgt Ion:128 Resp: 17492
Ion Ratio Lower Upper
128 100
129 14.9 9.1 13.7
127 16.1 10.5 15.7

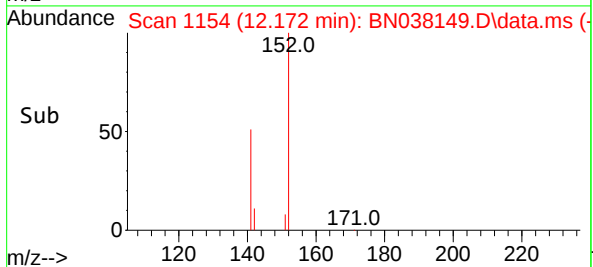
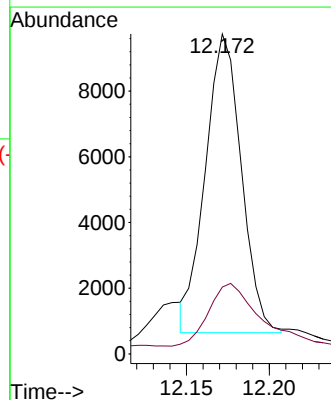
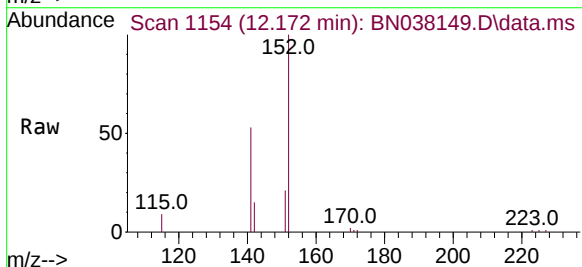
Manual Integrations
APPROVED

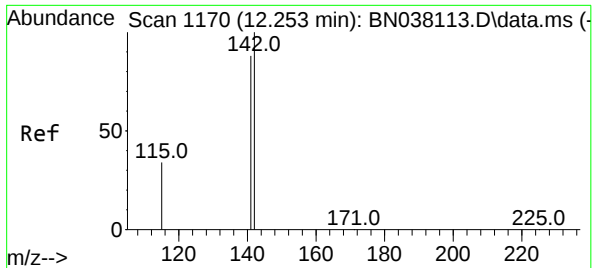
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#11
2-Methylnaphthalene-d10
Concen: 0.303 ng m
RT: 12.172 min Scan# 1154
Delta R.T. -0.005 min
Lab File: BN038149.D
Acq: 07 Nov 2025 10:52

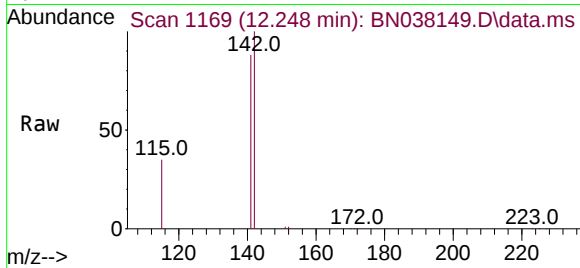
Tgt Ion:152 Resp: 13702
Ion Ratio Lower Upper
152 100
151 31.1 16.8 25.2





#12
2-Methylnaphthalene
Concen: 1.573 ng
RT: 12.248 min Scan# 1170
Delta R.T. -0.000 min
Lab File: BN038149.D
Acq: 07 Nov 2025 10:52

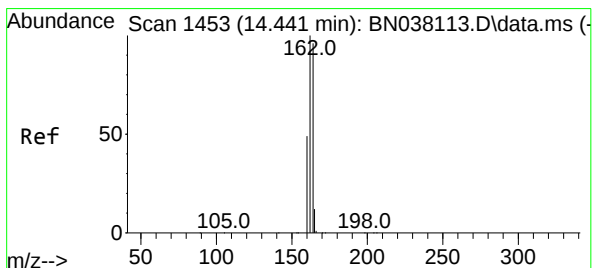
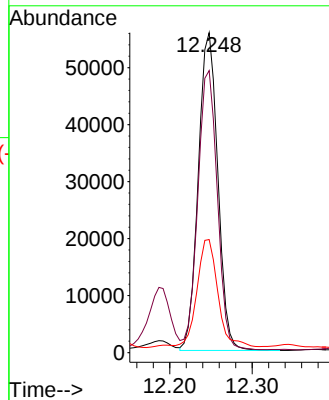
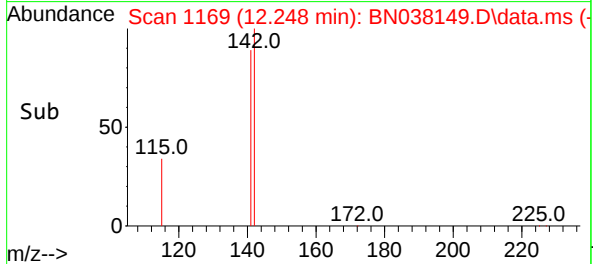
Instrument :
BNA_N
ClientSampleId :
MW-6



Tgt Ion:142 Resp: 91422
Ion Ratio Lower Upper
142 100
141 88.1 70.3 105.5
115 35.3 27.8 41.6

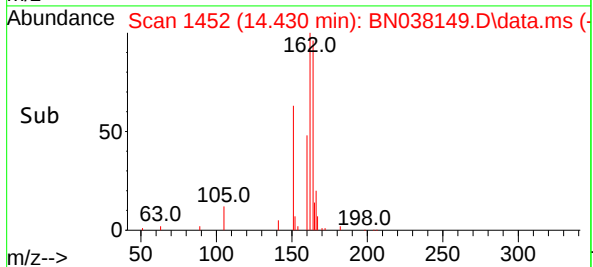
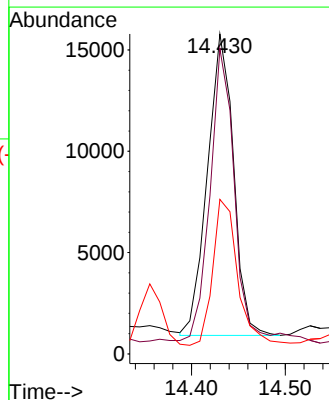
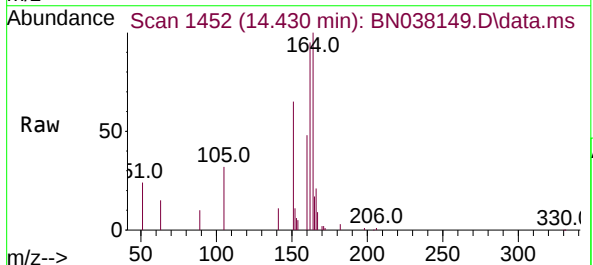
Manual Integrations
APPROVED

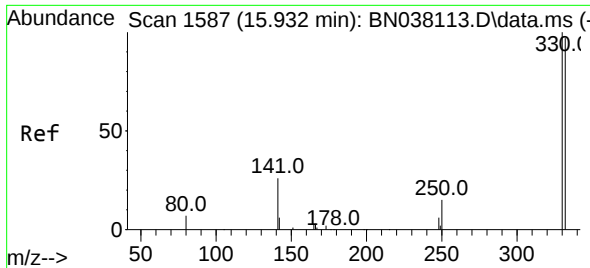
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BN038149.D
Acq: 07 Nov 2025 10:52

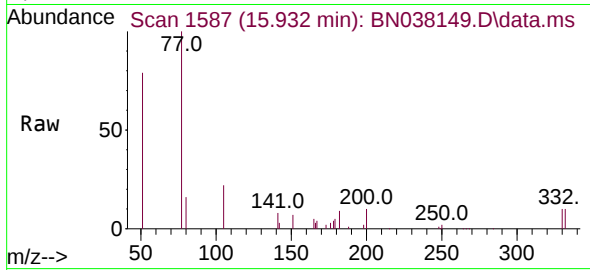
Tgt Ion:164 Resp: 28745
Ion Ratio Lower Upper
164 100
162 95.3 83.0 124.4
160 48.3 40.7 61.1





#14
2,4,6-Tribromophenol
Concen: 0.364 ng
RT: 15.932 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN038149.D
Acq: 07 Nov 2025 10:52

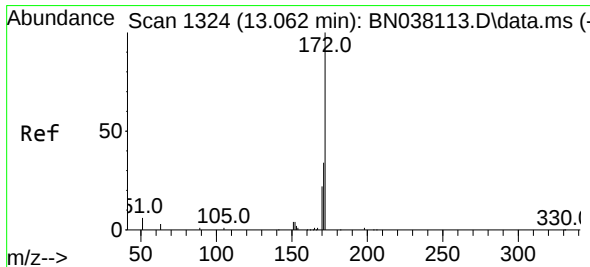
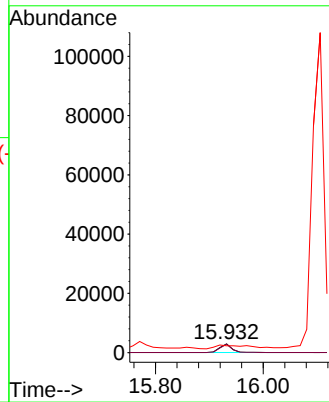
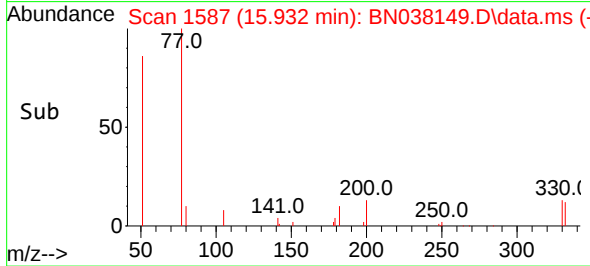
Instrument :
BNA_N
ClientSampleId :
MW-6



Tgt Ion: 330 Resp: 4308
Ion Ratio Lower Upper
330 100
332 95.5 76.6 114.8
141 134.6 34.1 51.1

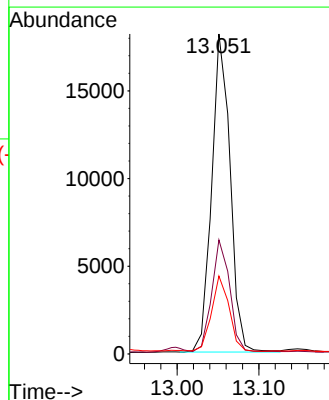
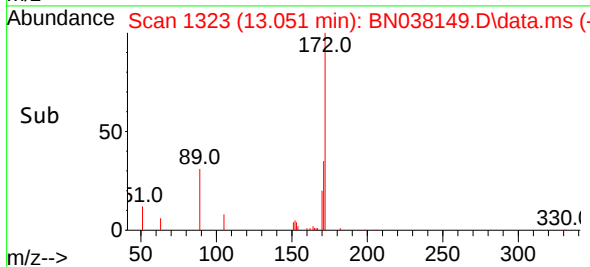
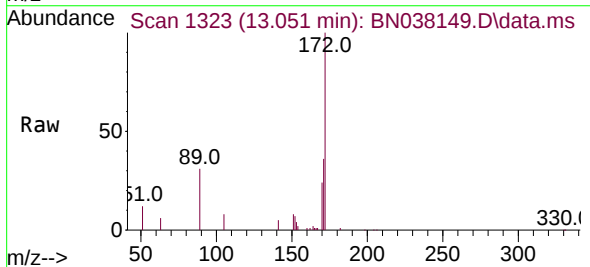
Manual Integrations
APPROVED

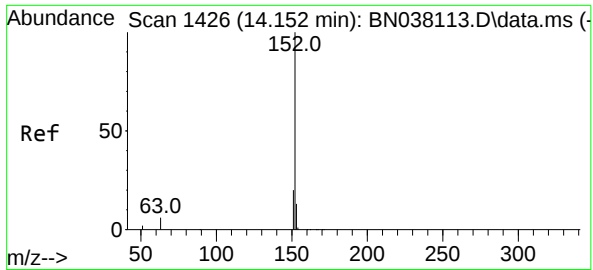
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#15
2-Fluorobiphenyl
Concen: 0.236 ng
RT: 13.051 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BN038149.D
Acq: 07 Nov 2025 10:52

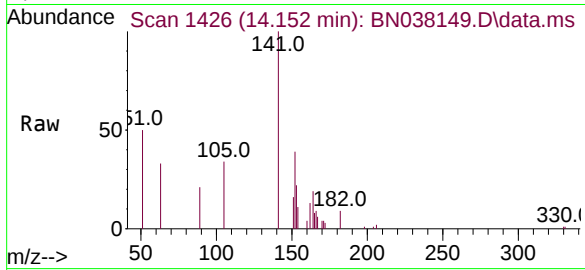
Tgt Ion: 172 Resp: 27151
Ion Ratio Lower Upper
172 100
171 35.6 27.8 41.6
170 24.3 18.1 27.1





#16
Acenaphthylene
Concen: 0.029 ng
RT: 14.152 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BN038149.D
Acq: 07 Nov 2025 10:52

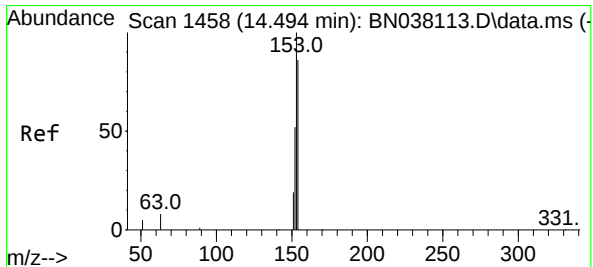
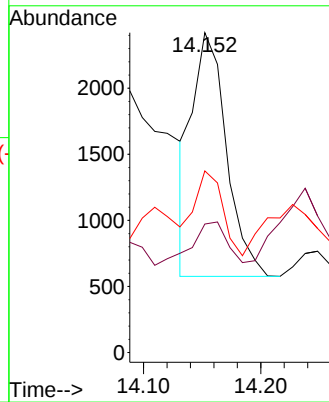
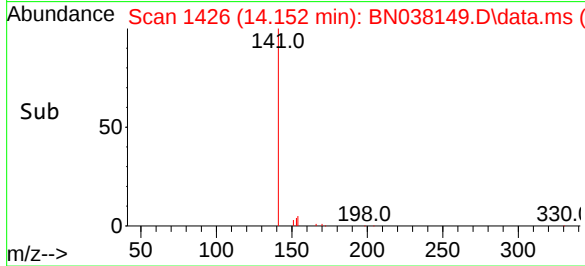
Instrument :
BNA_N
ClientSampleId :
MW-6



Tgt Ion:152 Resp: 3724
Ion Ratio Lower Upper
152 100
151 18.4 15.8 23.8
153 28.5 10.2 15.2

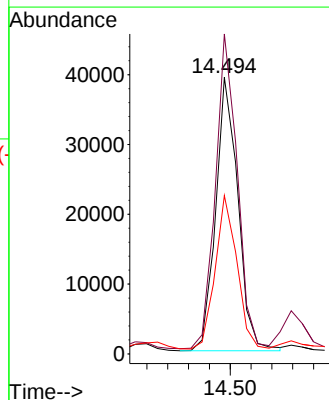
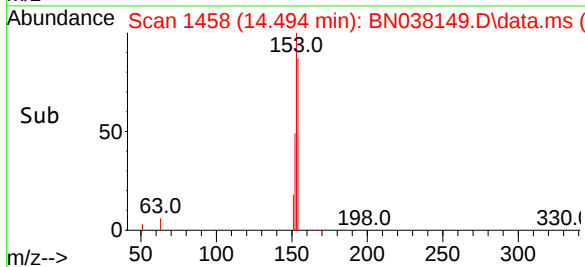
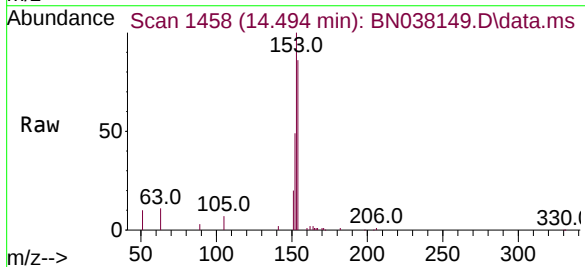
Manual Integrations
APPROVED

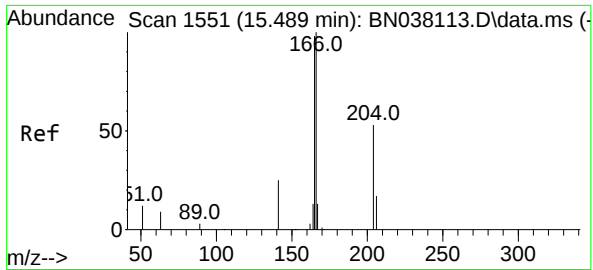
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#17
Acenaphthene
Concen: 0.638 ng
RT: 14.494 min Scan# 1458
Delta R.T. -0.000 min
Lab File: BN038149.D
Acq: 07 Nov 2025 10:52

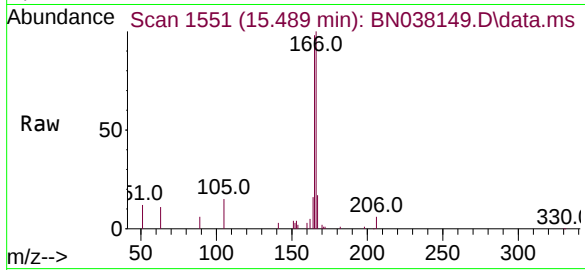
Tgt Ion:154 Resp: 58144
Ion Ratio Lower Upper
154 100
153 112.8 90.0 135.0
152 55.0 47.3 70.9





#18
Fluorene
Concen: 0.569 ng
RT: 15.489 min Scan# 1551
Delta R.T. -0.000 min
Lab File: BN038149.D
Acq: 07 Nov 2025 10:52

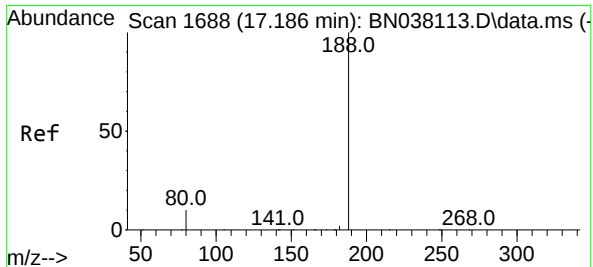
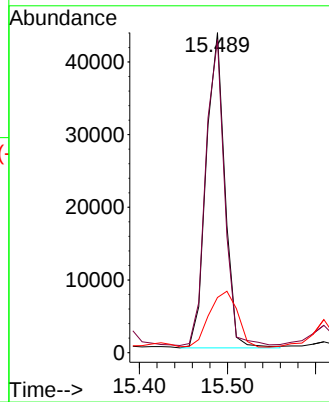
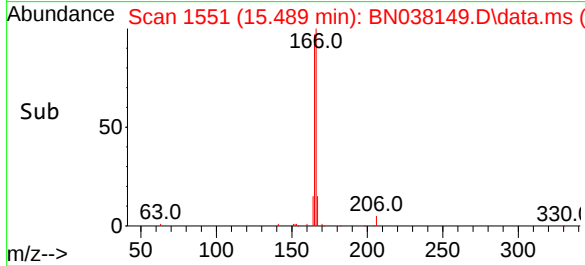
Instrument :
BNA_N
ClientSampleId :
MW-6



Tgt Ion:166 Resp: 67952
Ion Ratio Lower Upper
166 100
165 96.4 79.0 118.4
167 25.8 10.7 16.1

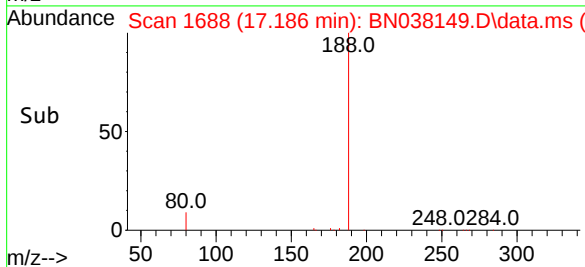
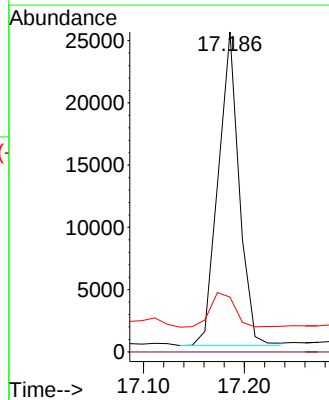
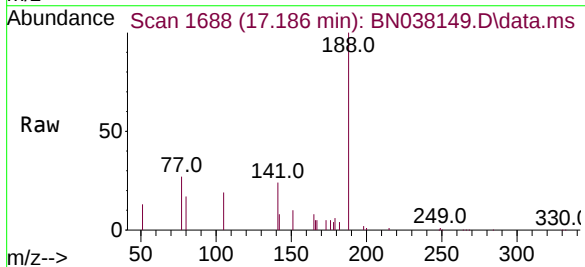
Manual Integrations
APPROVED

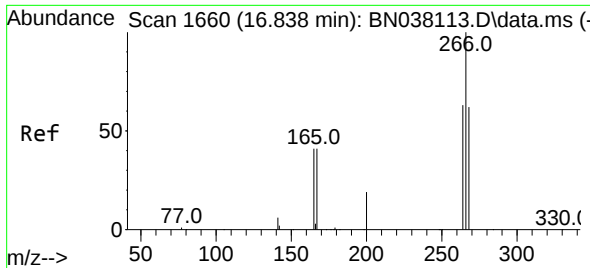
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1688
Delta R.T. -0.000 min
Lab File: BN038149.D
Acq: 07 Nov 2025 10:52

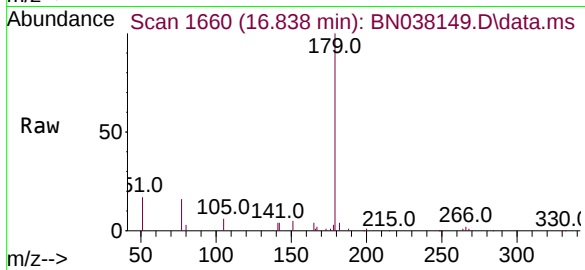
Tgt Ion:188 Resp: 36418
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 17.1 8.6 13.0





#24
Pentachlorophenol
Concen: 0.242 ng
RT: 16.838 min Scan# 1660
Delta R.T. -0.000 min
Lab File: BN038149.D
Acq: 07 Nov 2025 10:52

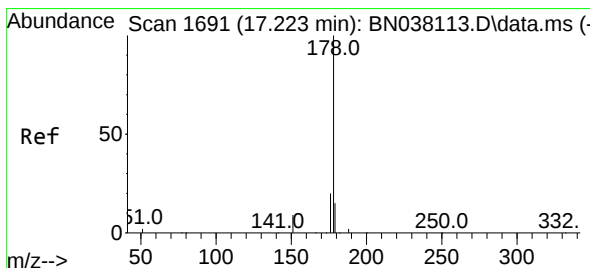
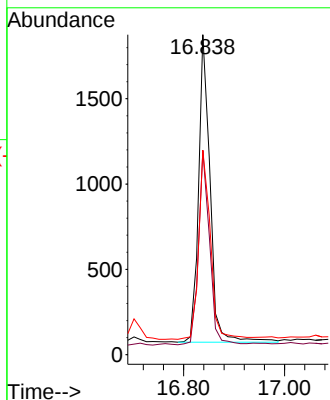
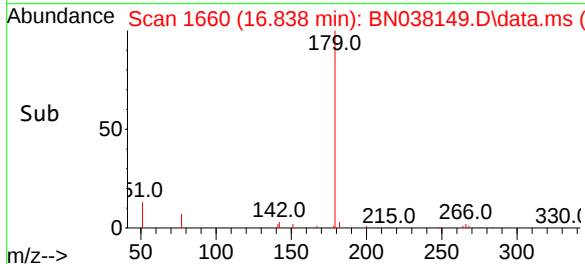
Instrument :
BNA_N
ClientSampleId :
MW-6



Tgt Ion:266 Resp: 2835
Ion Ratio Lower Upper
266 100
264 60.7 49.3 73.9
268 62.8 50.6 75.8

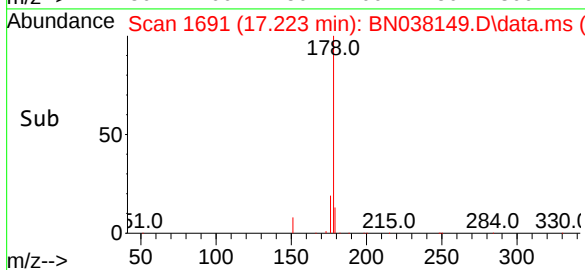
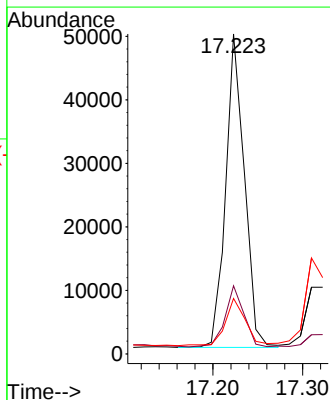
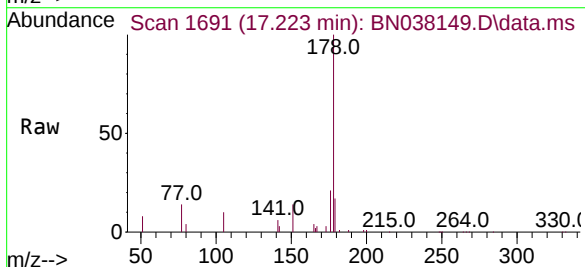
Manual Integrations
APPROVED

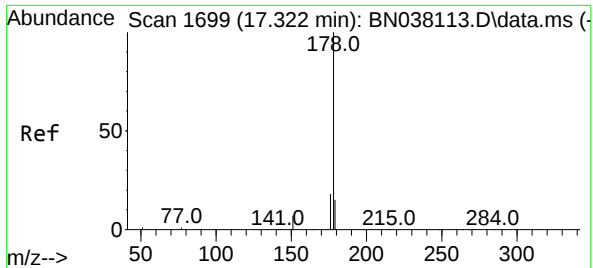
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#25
Phenanthrene
Concen: 0.618 ng
RT: 17.223 min Scan# 1691
Delta R.T. -0.000 min
Lab File: BN038149.D
Acq: 07 Nov 2025 10:52

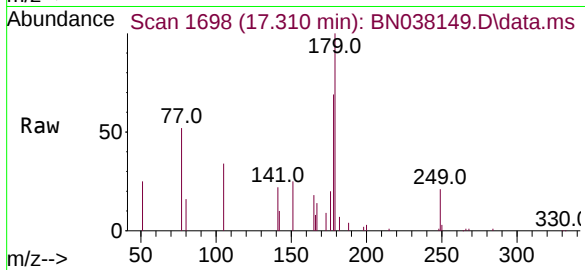
Tgt Ion:178 Resp: 71457
Ion Ratio Lower Upper
178 100
176 19.7 15.5 23.3
179 16.1 12.2 18.4





#26
 Anthracene
 Concen: 0.174 ng m
 RT: 17.310 min Scan# 1698
 Delta R.T. -0.013 min
 Lab File: BN038149.D
 Acq: 07 Nov 2025 10:52

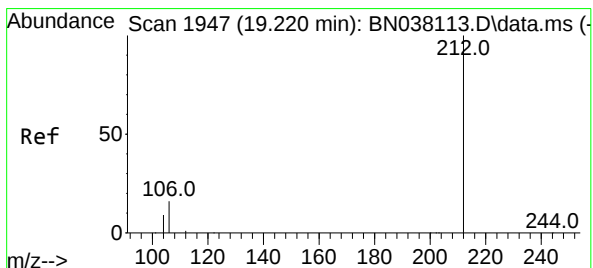
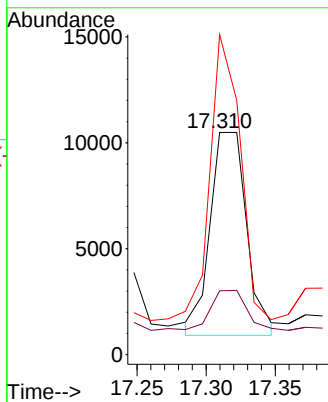
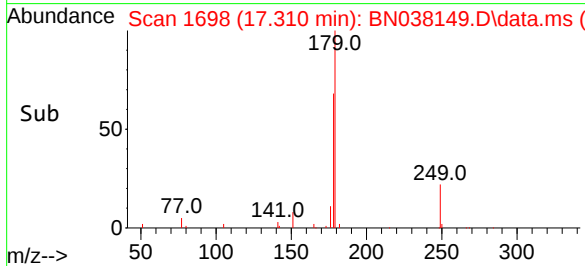
Instrument :
 BNA_N
 ClientSampleId :
 MW-6



Tgt Ion:178 Resp: 17631
 Ion Ratio Lower Upper
 178 100
 176 79.9 14.9 22.3
 179 65.3 11.8 17.8

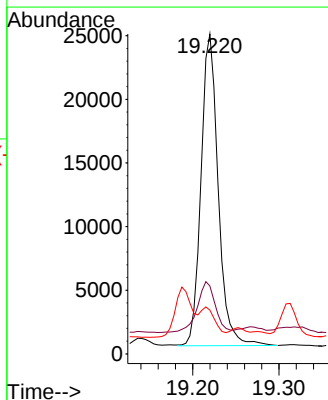
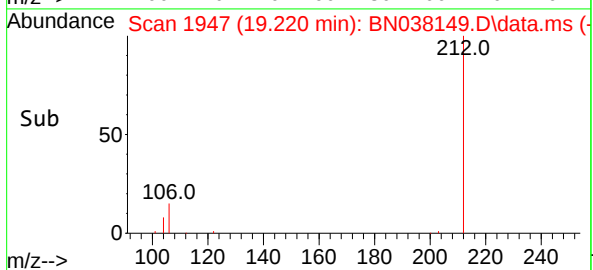
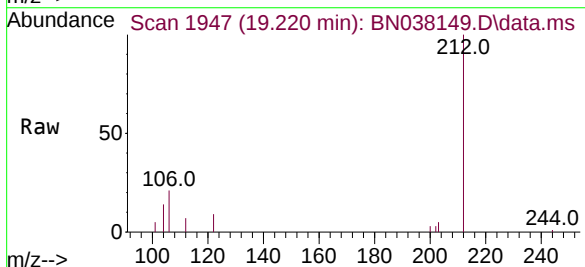
Manual Integrations
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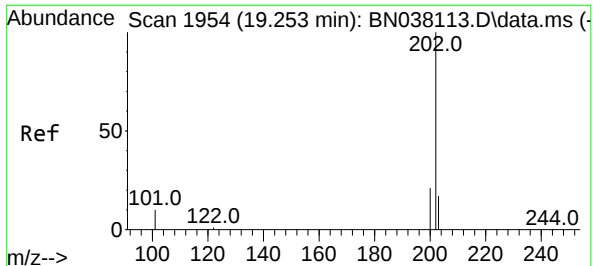
Reviewed By :Rahul Chavli 11/10/2025
 Supervised By :Jagrut Upadhyay 11/10/2025



#27
 Fluoranthene-d10
 Concen: 0.369 ng
 RT: 19.220 min Scan# 1947
 Delta R.T. -0.000 min
 Lab File: BN038149.D
 Acq: 07 Nov 2025 10:52

Tgt Ion:212 Resp: 33915
 Ion Ratio Lower Upper
 212 100
 106 17.3 12.6 19.0
 104 6.7 7.1 10.7





#28

Fluoranthene

Concen: 0.122 ng

RT: 19.248 min Scan# 1953

Delta R.T. -0.005 min

Lab File: BN038149.D

Acq: 07 Nov 2025 10:52

Instrument :

BNA_N

ClientSampleId :

MW-6

Tgt Ion:202 Resp: 15796

Ion Ratio Lower Upper

202 100

101 23.6 9.4 14.2

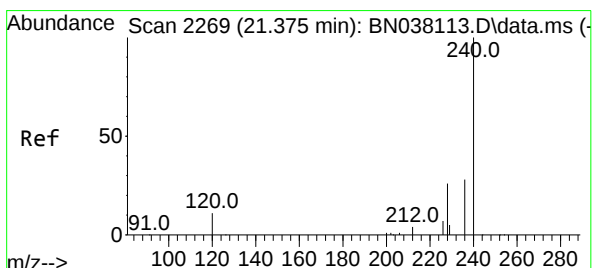
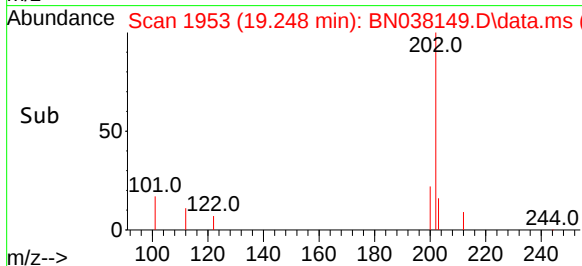
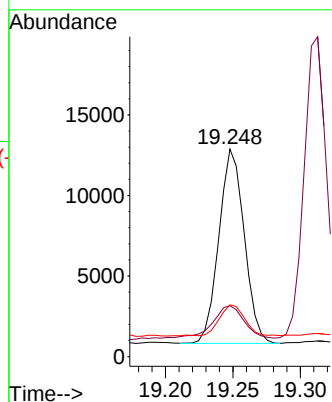
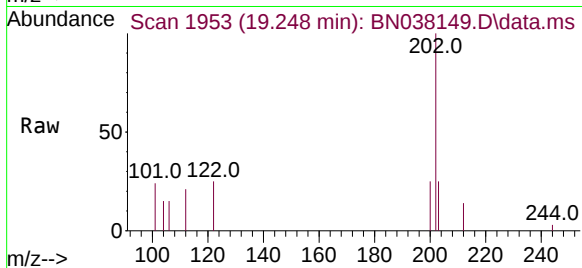
203 15.4 13.4 20.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/10/2025

Supervised By :Jagrut Upadhyay 11/10/2025



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.375 min Scan# 2269

Delta R.T. -0.000 min

Lab File: BN038149.D

Acq: 07 Nov 2025 10:52

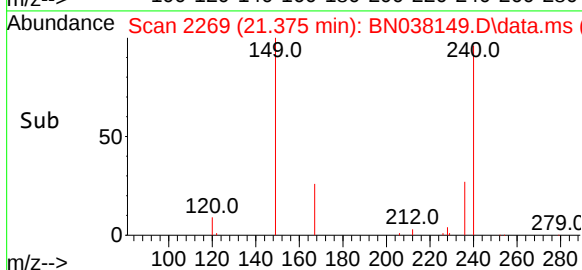
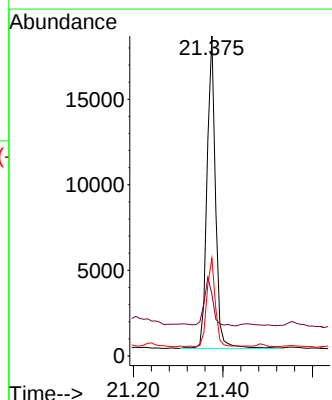
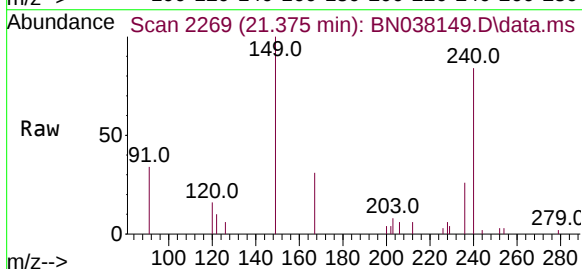
Tgt Ion:240 Resp: 24102

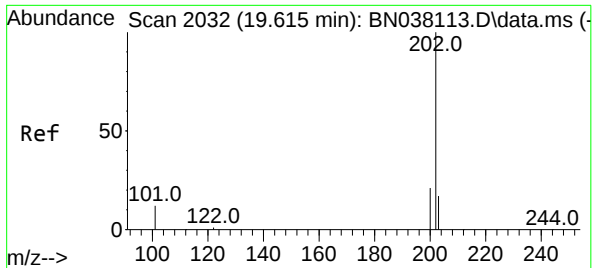
Ion Ratio Lower Upper

240 100

120 19.3 10.7 16.1

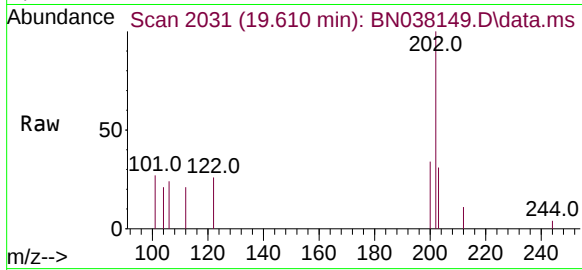
236 30.5 23.1 34.7





#30
Pyrene
Concen: 0.112 ng
RT: 19.610 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BN038149.D
Acq: 07 Nov 2025 10:52

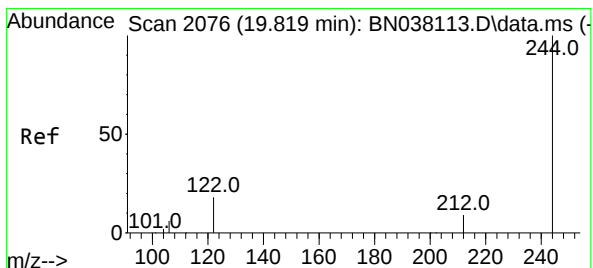
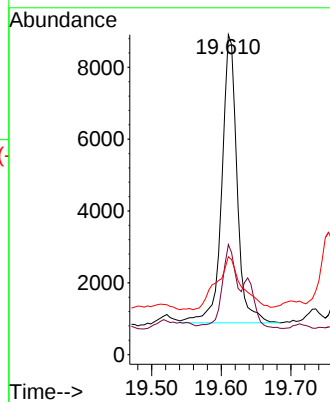
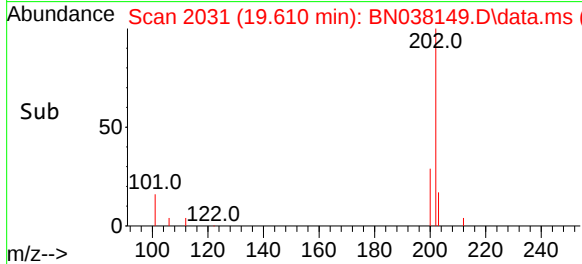
Instrument :
BNA_N
ClientSampleId :
MW-6



Tgt Ion:202 Resp: 12169
Ion Ratio Lower Upper
202 100
200 26.0 16.7 25.1
203 30.8 14.2 21.2

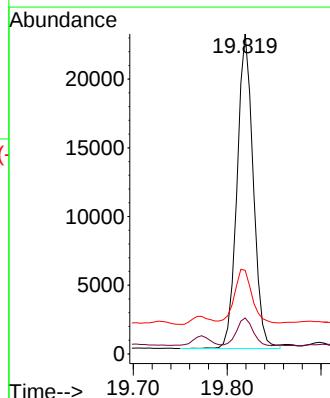
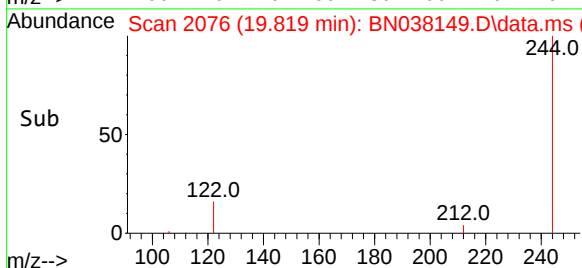
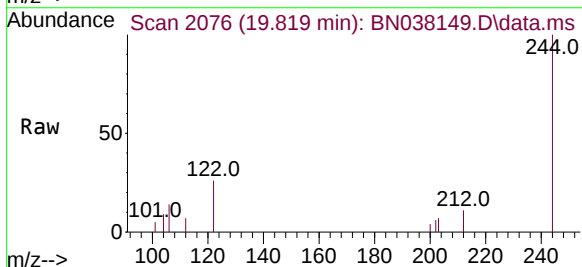
Manual Integrations
APPROVED

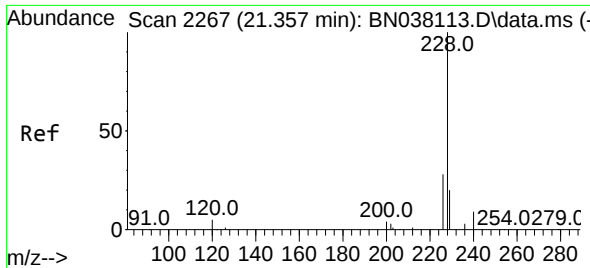
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#31
Terphenyl-d14
Concen: 0.523 ng
RT: 19.819 min Scan# 2076
Delta R.T. -0.000 min
Lab File: BN038149.D
Acq: 07 Nov 2025 10:52

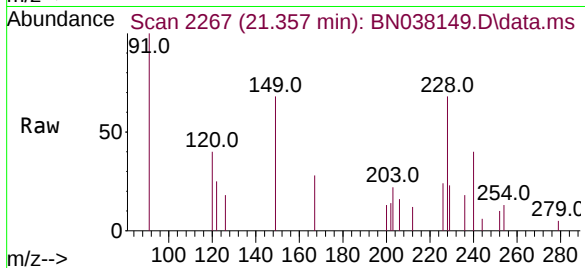
Tgt Ion:244 Resp: 27365
Ion Ratio Lower Upper
244 100
212 11.2 7.8 11.6
122 26.1 15.2 22.8





#32
Benzo(a)anthracene
Concen: 0.074 ng
RT: 21.357 min Scan# 2267
Delta R.T. -0.000 min
Lab File: BN038149.D
Acq: 07 Nov 2025 10:52

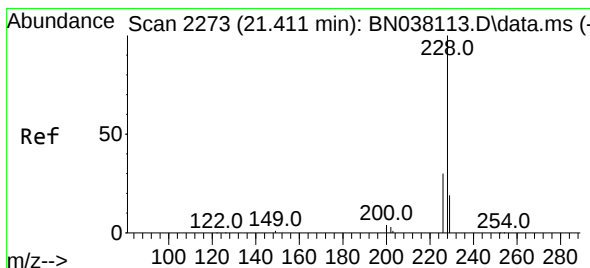
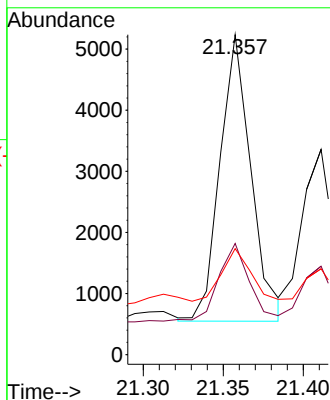
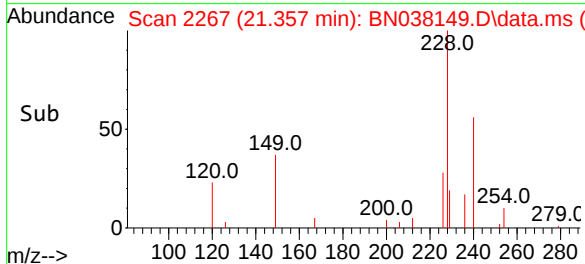
Instrument :
BNA_N
ClientSampleId :
MW-6



Tgt Ion:228 Resp: 6339
Ion Ratio Lower Upper
228 100
226 34.7 22.2 33.4#
229 33.1 15.8 23.8#

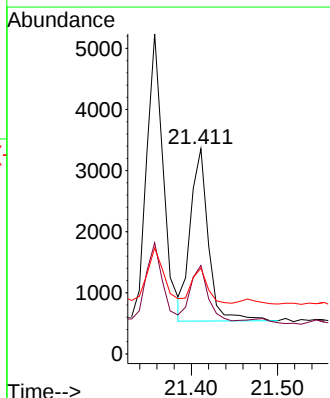
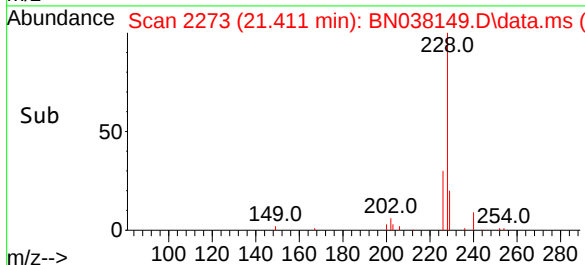
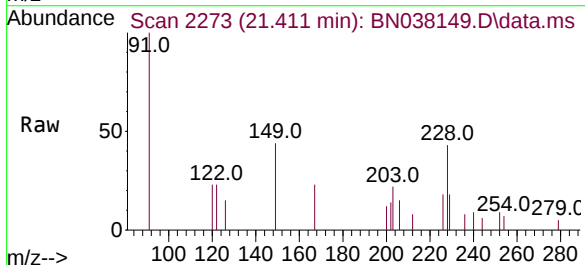
Manual Integrations
APPROVED

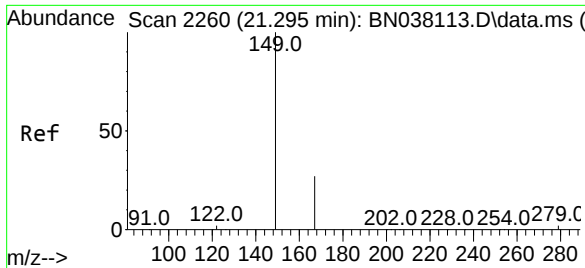
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#33
Chrysene
Concen: 0.044 ng
RT: 21.411 min Scan# 2273
Delta R.T. -0.000 min
Lab File: BN038149.D
Acq: 07 Nov 2025 10:52

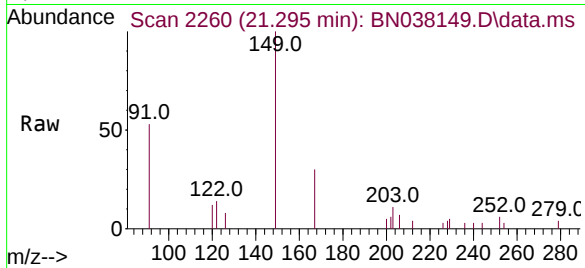
Tgt Ion:228 Resp: 4095
Ion Ratio Lower Upper
228 100
226 43.0 24.3 36.5#
229 41.8 15.7 23.5#





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.371 ng
RT: 21.295 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN038149.D
Acq: 07 Nov 2025 10:52

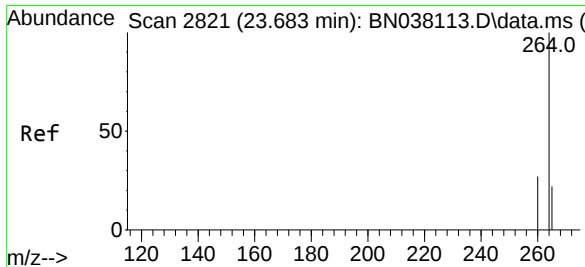
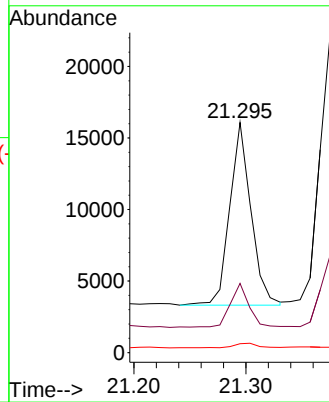
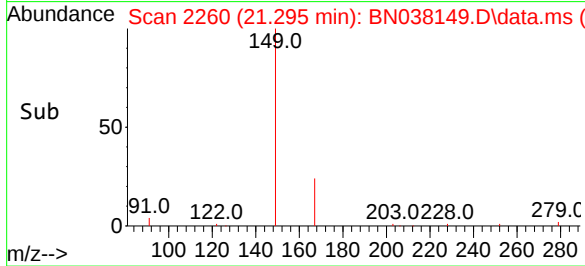
Instrument :
BNA_N
ClientSampleId :
MW-6



Tgt Ion:149 Resp: 16812
Ion Ratio Lower Upper
149 100
167 20.9 21.1 31.7
279 2.8 2.9 4.3

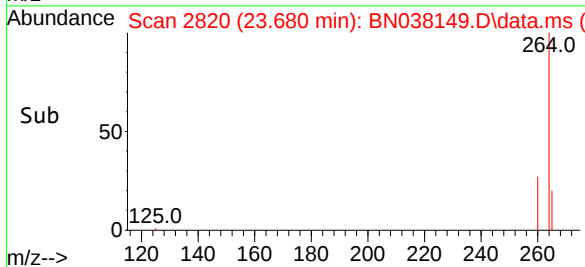
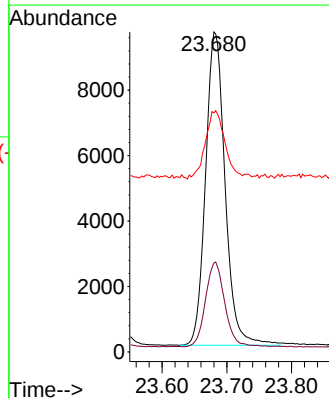
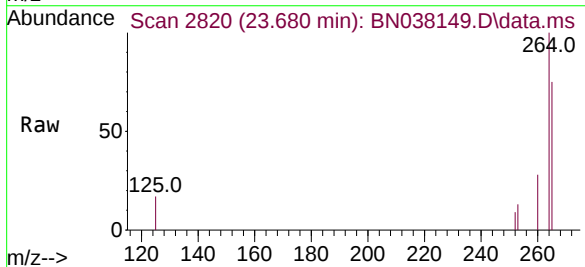
Manual Integrations
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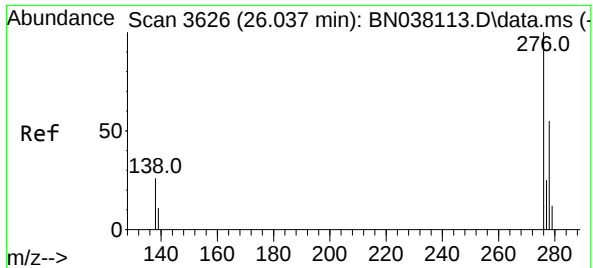
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.680 min Scan# 2820
Delta R.T. -0.000 min
Lab File: BN038149.D
Acq: 07 Nov 2025 10:52

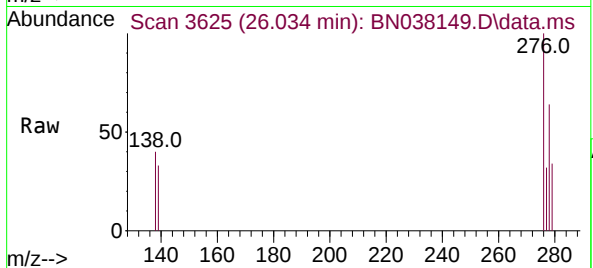
Tgt Ion:264 Resp: 20067
Ion Ratio Lower Upper
264 100
260 27.8 21.8 32.8
265 74.7 68.6 102.8





#36
Indeno(1,2,3-cd)pyrene
Concen: 0.060 ng
RT: 26.034 min Scan# 3626
Delta R.T. -0.000 min
Lab File: BN038149.D
Acq: 07 Nov 2025 10:52

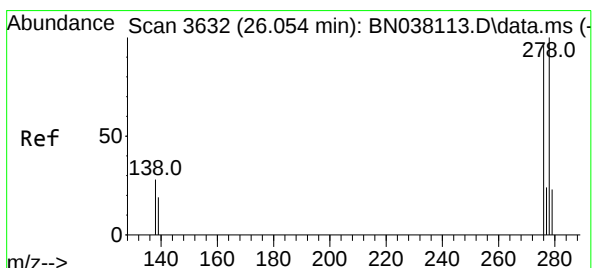
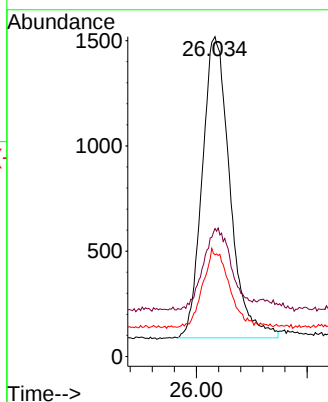
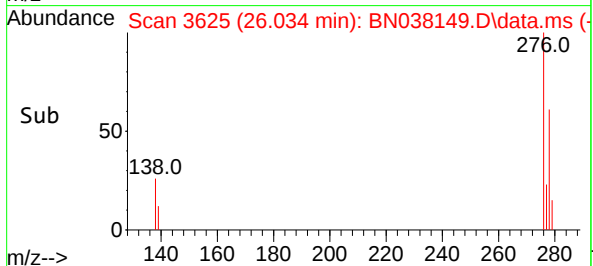
Instrument :
BNA_N
ClientSampleId :
MW-6



Tgt Ion: 276 Resp: 4958
Ion Ratio Lower Upper
276 100
138 27.2 21.4 32.0
277 24.0 19.2 28.8

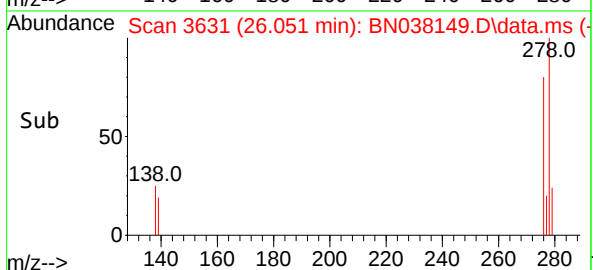
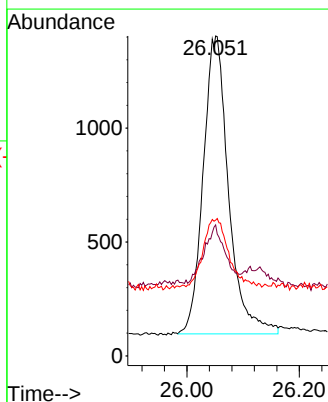
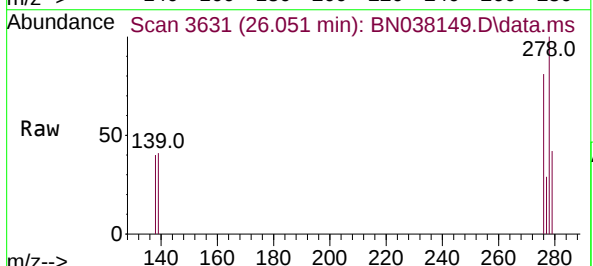
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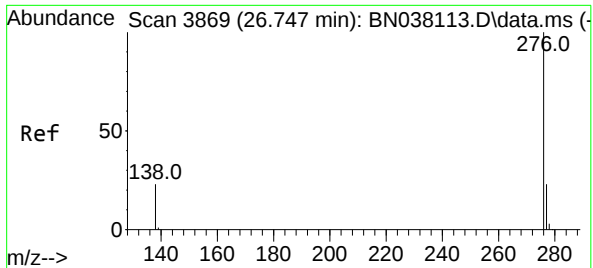
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#40
Dibenzo(a,h)anthracene
Concen: 0.065 ng
RT: 26.051 min Scan# 3631
Delta R.T. 0.003 min
Lab File: BN038149.D
Acq: 07 Nov 2025 10:52

Tgt Ion: 278 Resp: 4107
Ion Ratio Lower Upper
278 100
139 40.9 17.6 26.4#
279 42.4 22.6 33.8#





#41

Benzo(g,h,i)perylene

Concen: 0.059 ng

RT: 26.750 min Scan# 3869

Delta R.T. -0.000 min

Lab File: BN038149.D

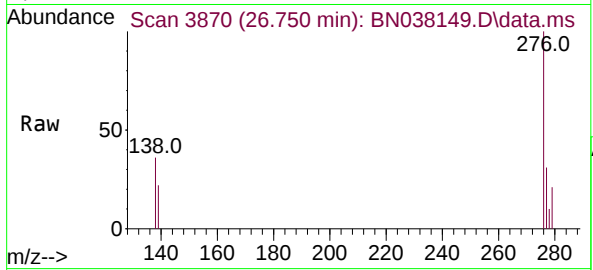
Acq: 07 Nov 2025 10:52

Instrument :

BNA_N

ClientSampleId :

MW-6



Tgt Ion:276 Resp: 4286

Ion Ratio Lower Upper

276 100

277 30.6 19.7 29.5

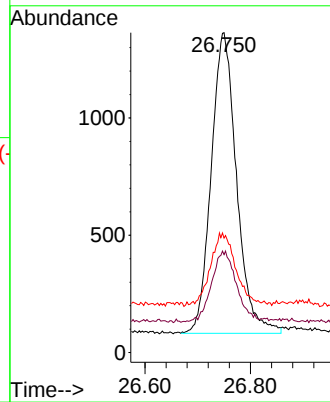
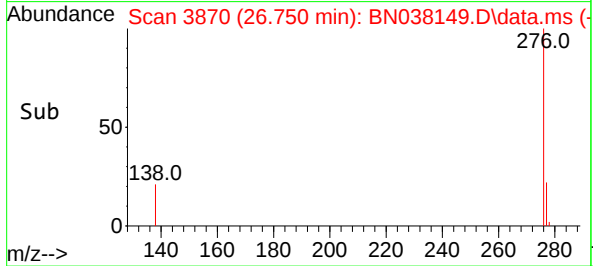
138 35.8 20.2 30.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/10/2025

Supervised By :Jagrut Upadhyay 11/10/2025



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110725\
 Data File : BN038169.D
 Acq On : 08 Nov 2025 00:44
 Operator : RC/JU
 Sample : Q3534-01DL 10X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-6DL

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/10/2025
 Supervised By :Jagrut Upadhyay 11/10/2025

Quant Time: Nov 08 03:28:50 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 29 13:09:46 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	9036	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	29109	0.400	ng	# 0.00
13) Acenaphthene-d10	14.430	164	18416	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	32776	0.400	ng	0.00
29) Chrysene-d12	21.376	240	18818	0.400	ng	0.00
35) Perylene-d12	23.683	264	16362	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	744	0.035	ng	0.00
5) Phenol-d6	6.937	99	520	0.020	ng	0.00
8) Nitrobenzene-d5	8.929	82	1245m	0.053	ng	0.00
11) 2-Methylnaphthalene-d10	12.172	152	2087	0.050	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	484	0.064	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	4896	0.066	ng	0.00
27) Fluoranthene-d10	19.220	212	4042	0.049	ng	0.00
31) Terphenyl-d14	19.819	244	3414	0.084	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.254	88	19868	2.128	ng	99
9) Naphthalene	10.626	128	2267	0.028	ng	# 82
12) 2-Methylnaphthalene	12.248	142	11720	0.219	ng	97
17) Acenaphthene	14.495	154	7467	0.128	ng	98
18) Fluorene	15.489	166	8417	0.110	ng	# 97
25) Phenanthrene	17.223	178	9145	0.088	ng	99
34) Bis(2-ethylhexyl)phtha...	21.295	149	4200	0.119	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

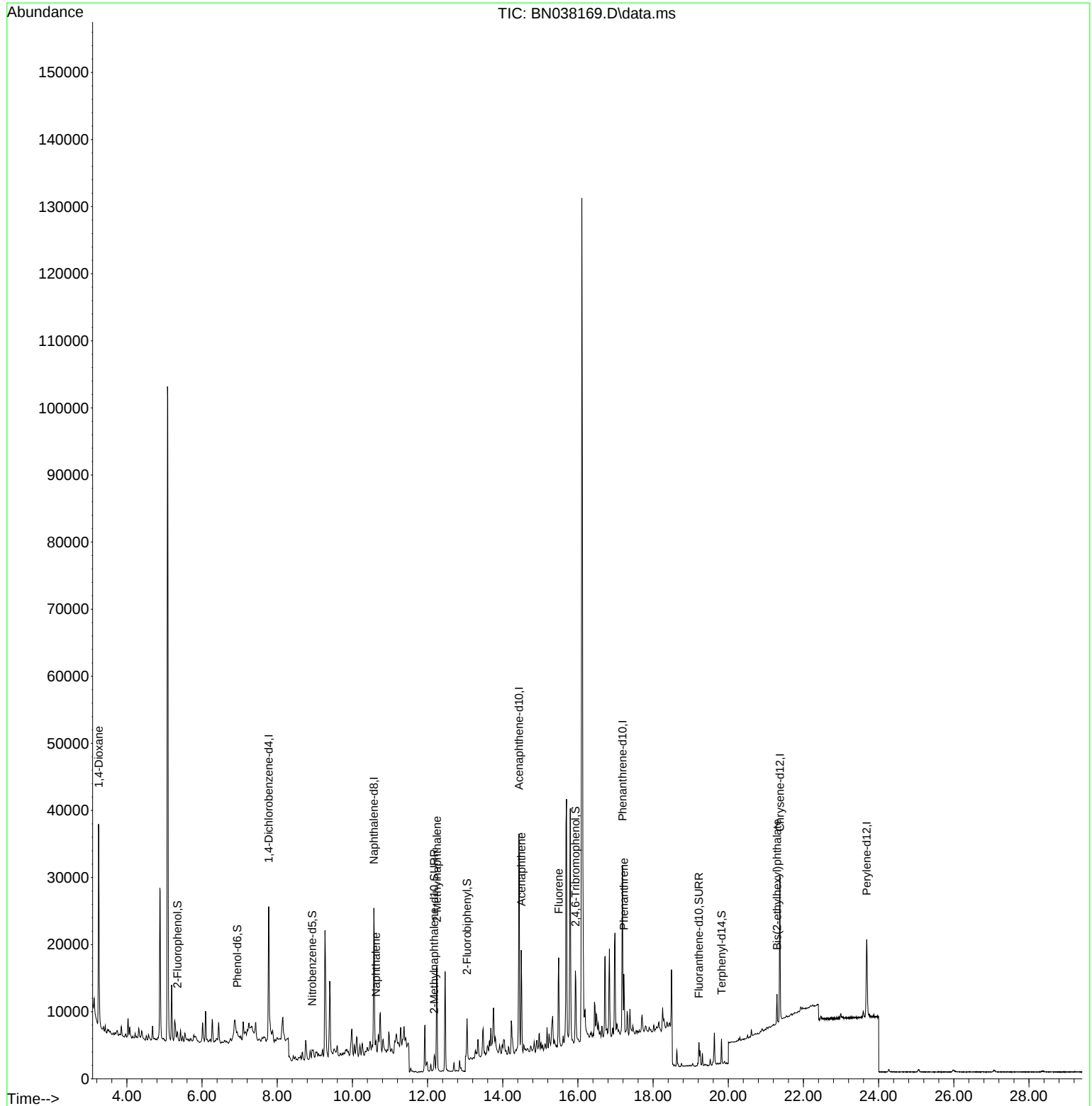
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110725\
Data File : BN038169.D
Acq On : 08 Nov 2025 00:44
Operator : RC/JU
Sample : Q3534-01DL 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-6DL

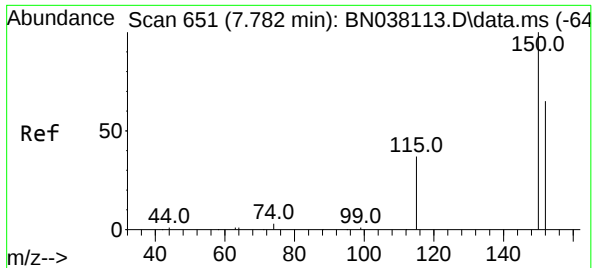
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

Quant Time: Nov 08 03:28:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration

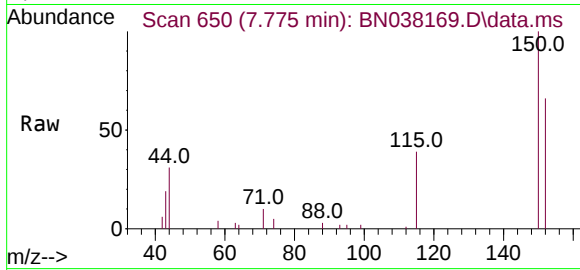


A
B
C
D
E
F
G
H
I
J
K



#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.775 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN038169.D
Acq: 08 Nov 2025 00:44

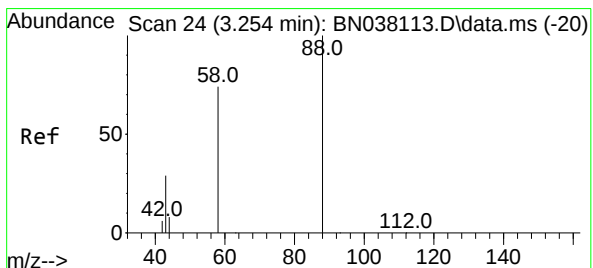
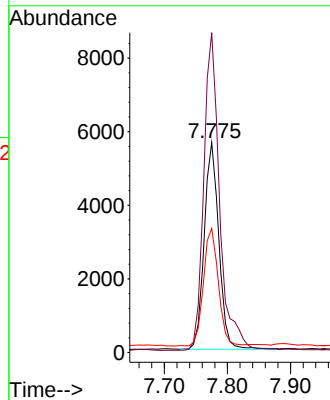
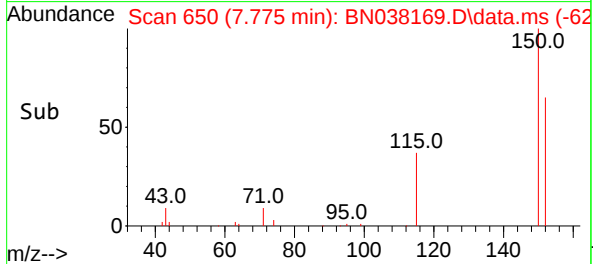
Instrument :
BNA_N
ClientSampleId :
MW-6DL



Tgt Ion: 152 Resp: 9036
Ion Ratio Lower Upper
152 100
150 152.3 122.3 183.5
115 59.2 47.4 71.0

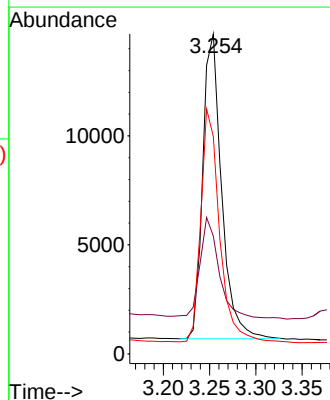
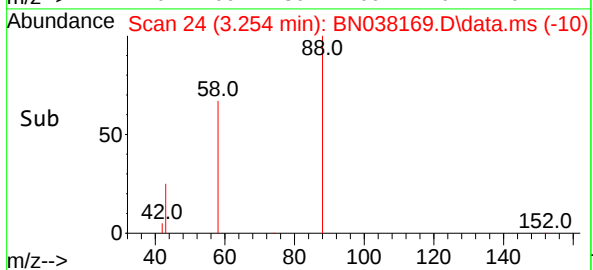
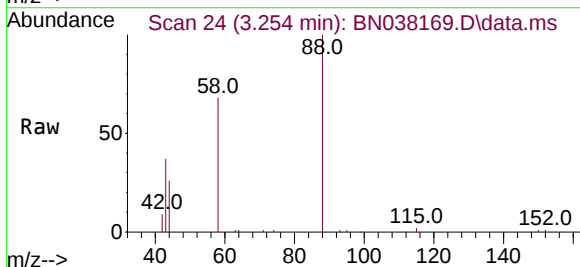
Manual Integrations
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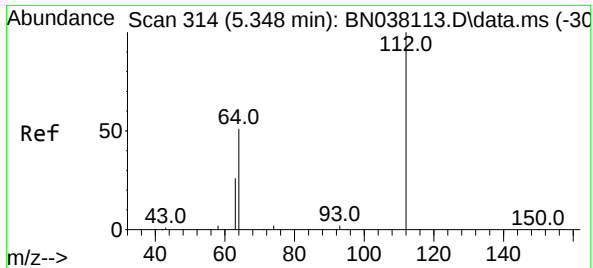
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#2
1,4-Dioxane
Concen: 2.128 ng
RT: 3.254 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN038169.D
Acq: 08 Nov 2025 00:44

Tgt Ion: 88 Resp: 19868
Ion Ratio Lower Upper
88 100
43 32.9 24.3 36.5
58 75.4 60.4 90.6





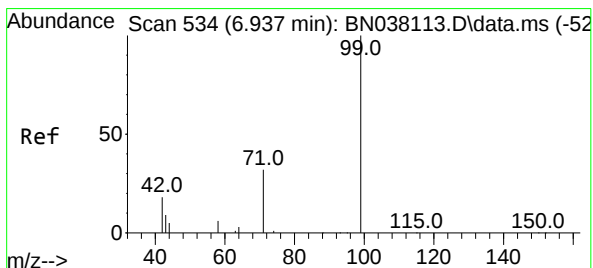
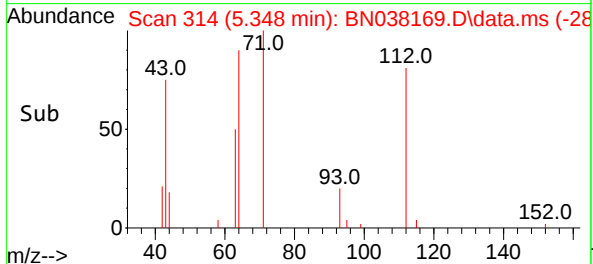
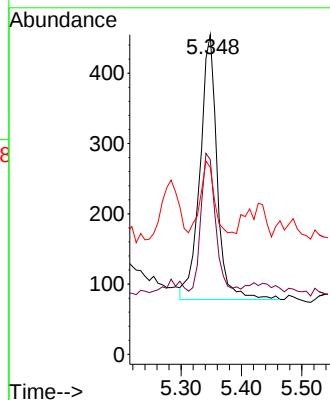
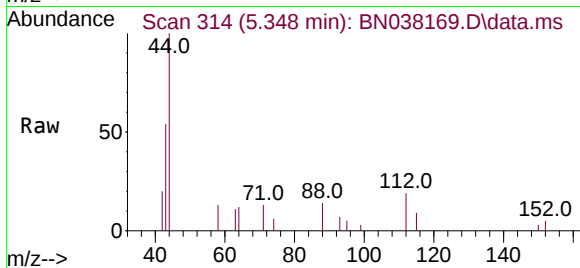
#4
2-Fluorophenol
Concen: 0.035 ng
RT: 5.348 min Scan# 314
Delta R.T. 0.000 min
Lab File: BN038169.D
Acq: 08 Nov 2025 00:44

Instrument :
BNA_N
ClientSampleId :
MW-6DL

Tgt Ion: 112 Resp: 744
Ion Ratio Lower Upper
112 100
64 44.6 45.4 68.0#
63 22.3 23.2 34.8#

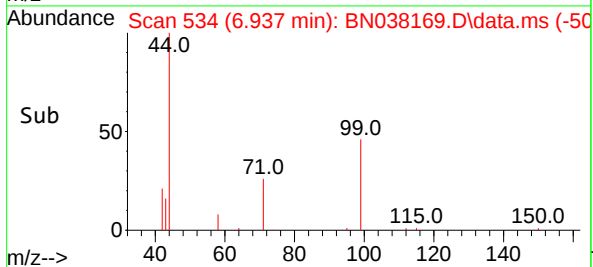
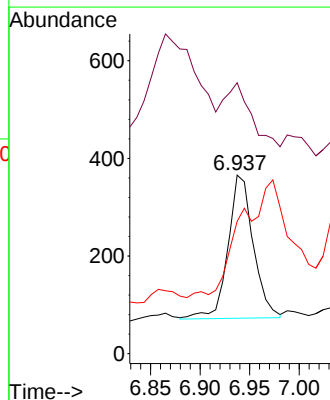
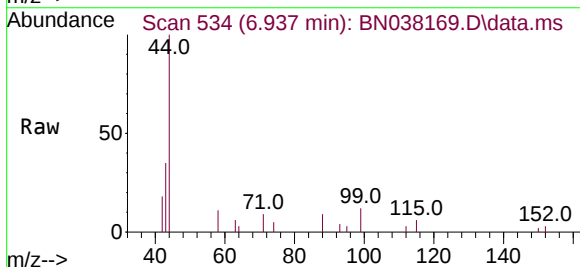
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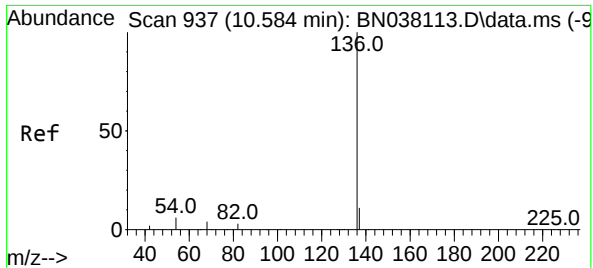
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#5
Phenol-d6
Concen: 0.020 ng
RT: 6.937 min Scan# 534
Delta R.T. 0.000 min
Lab File: BN038169.D
Acq: 08 Nov 2025 00:44

Tgt Ion: 99 Resp: 520
Ion Ratio Lower Upper
99 100
42 46.7 16.6 24.8#
71 0.0 25.4 38.2#





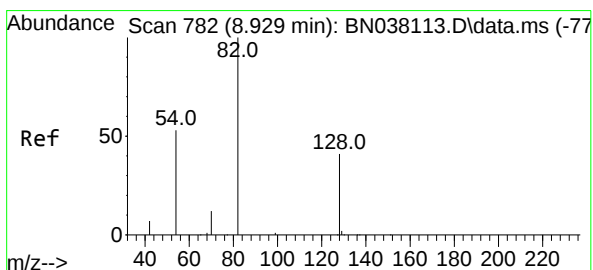
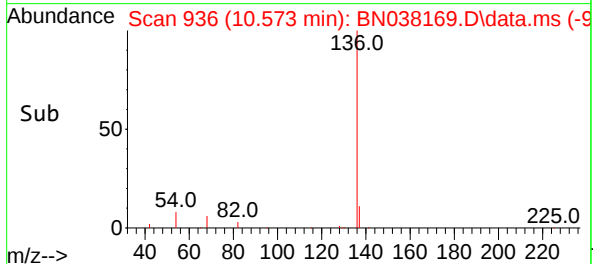
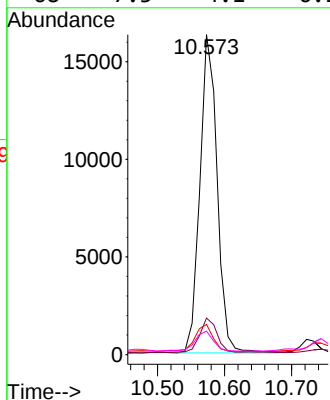
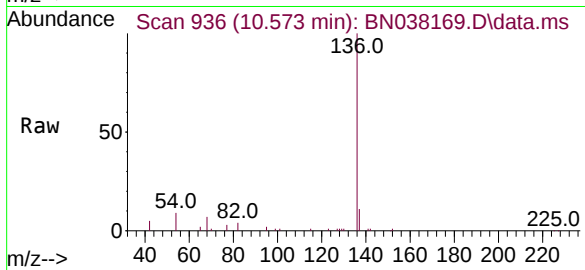
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 937
Delta R.T. 0.000 min
Lab File: BN038169.D
Acq: 08 Nov 2025 00:44

Instrument :
BNA_N
ClientSampleId :
MW-6DL

Tgt Ion:136 Resp: 29109
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.4
54 9.4 5.2 7.8
68 7.3 4.1 6.1#

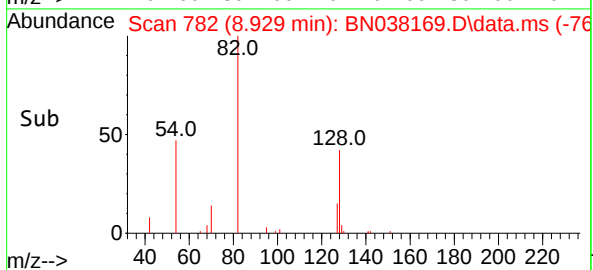
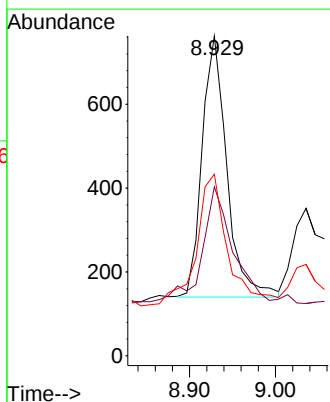
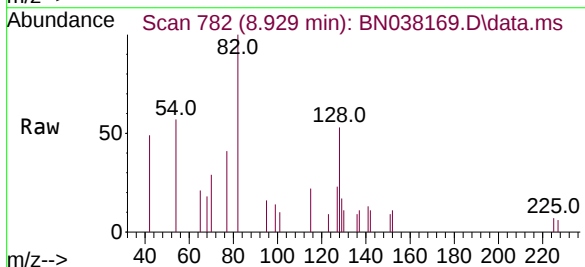
Manual Integrations
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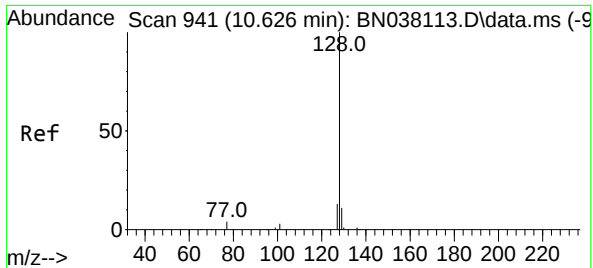
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#8
Nitrobenzene-d5
Concen: 0.053 ng m
RT: 8.929 min Scan# 782
Delta R.T. 0.000 min
Lab File: BN038169.D
Acq: 08 Nov 2025 00:44

Tgt Ion: 82 Resp: 1245
Ion Ratio Lower Upper
82 100
128 52.8 34.1 51.1#
54 56.7 43.5 65.3





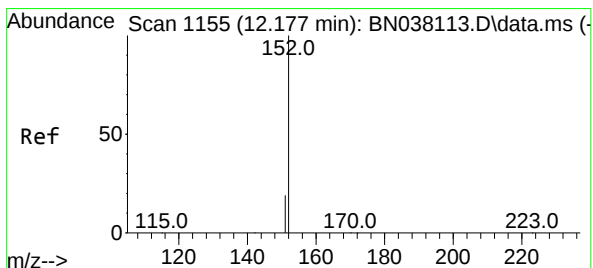
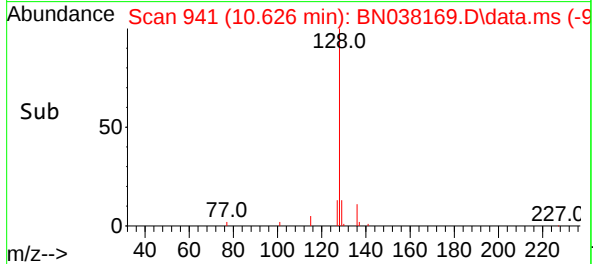
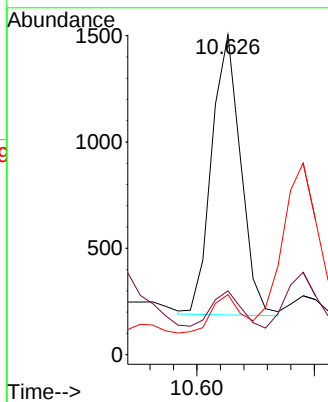
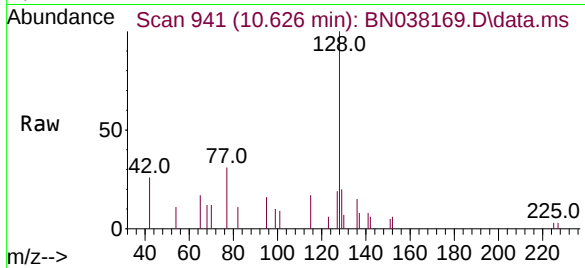
#9
Naphthalene
Concen: 0.028 ng
RT: 10.626 min Scan# 941
Delta R.T. 0.000 min
Lab File: BN038169.D
Acq: 08 Nov 2025 00:44

Instrument :
BNA_N
ClientSampleId :
MW-6DL

Tgt Ion:128 Resp: 2262
Ion Ratio Lower Upper
128 100
129 19.9 9.1 13.74
127 18.7 10.5 15.74

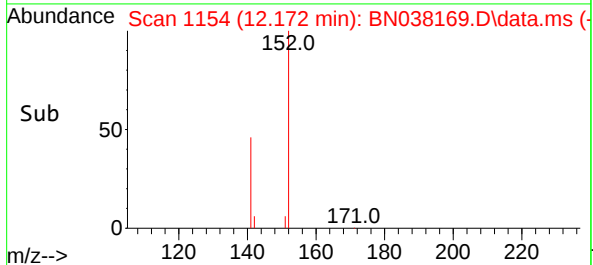
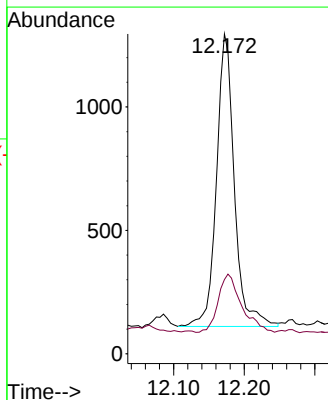
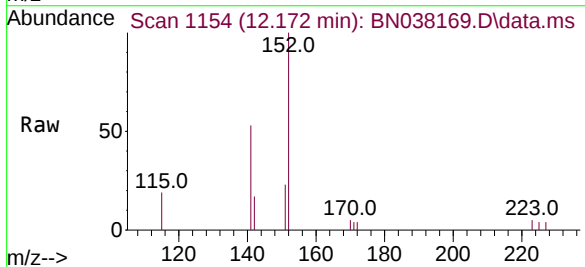
Manual Integrations
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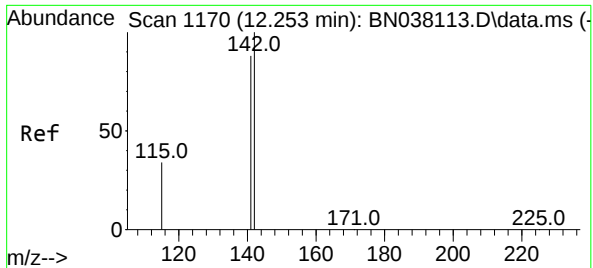
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#11
2-Methylnaphthalene-d10
Concen: 0.050 ng
RT: 12.172 min Scan# 1154
Delta R.T. -0.005 min
Lab File: BN038169.D
Acq: 08 Nov 2025 00:44

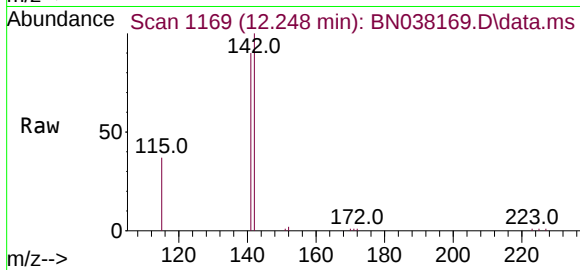
Tgt Ion:152 Resp: 2087
Ion Ratio Lower Upper
152 100
151 26.1 16.8 25.2#





#12
2-Methylnaphthalene
Concen: 0.219 ng
RT: 12.248 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BN038169.D
Acq: 08 Nov 2025 00:44

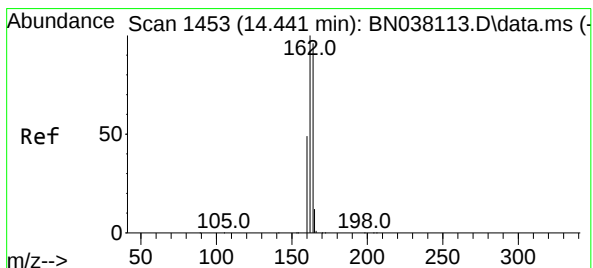
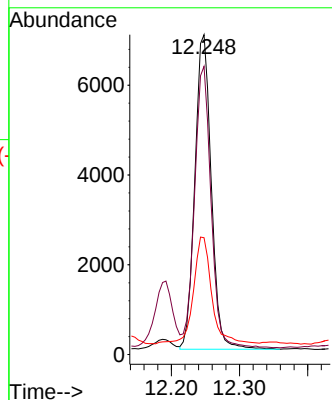
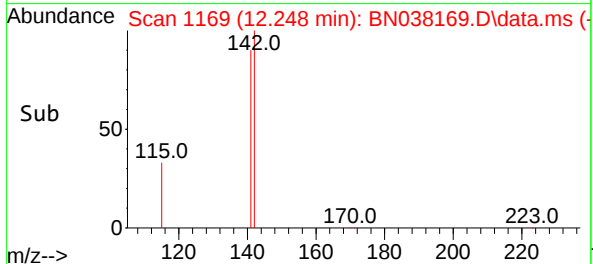
Instrument :
BNA_N
ClientSampleId :
MW-6DL



Tgt Ion:142 Resp: 11720
Ion Ratio Lower Upper
142 100
141 90.1 70.3 105.5
115 36.5 27.8 41.6

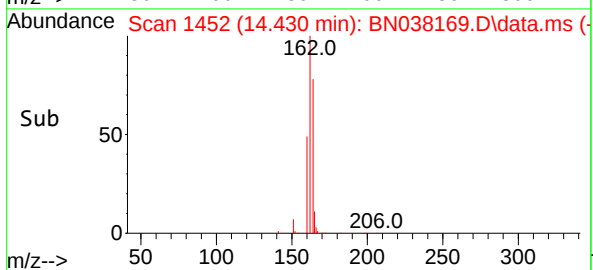
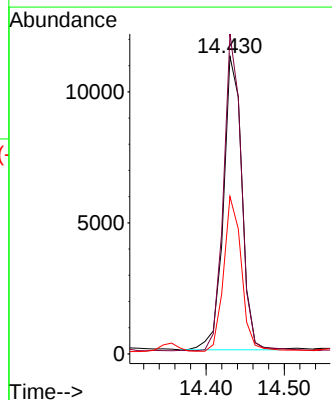
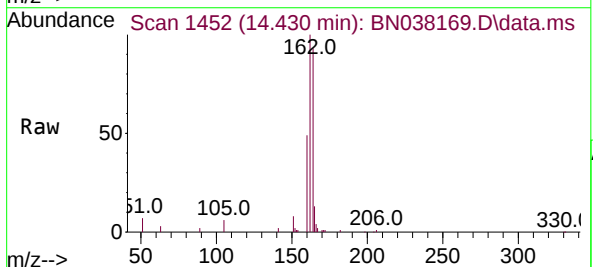
Manual Integrations
APPROVED

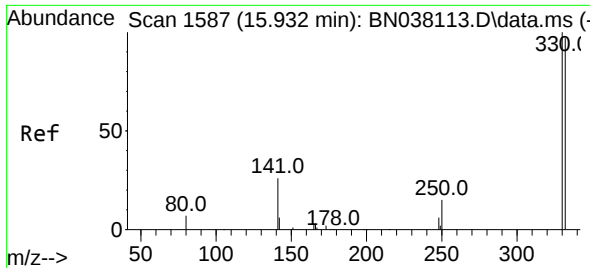
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BN038169.D
Acq: 08 Nov 2025 00:44

Tgt Ion:164 Resp: 18416
Ion Ratio Lower Upper
164 100
162 107.5 83.0 124.4
160 52.9 40.7 61.1





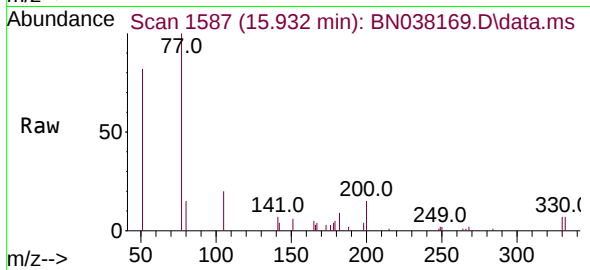
#14
2,4,6-Tribromophenol
Concen: 0.064 ng
RT: 15.932 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN038169.D
Acq: 08 Nov 2025 00:44

Instrument :

BNA_N

ClientSampleId :

MW-6DL



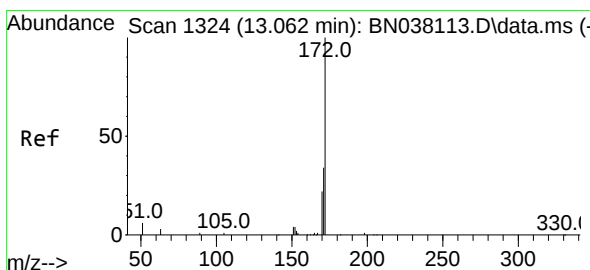
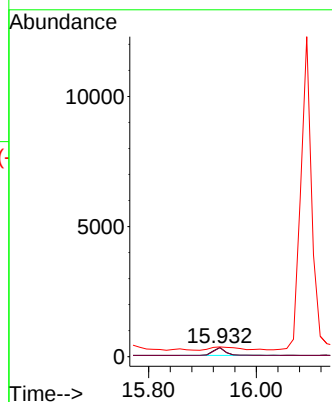
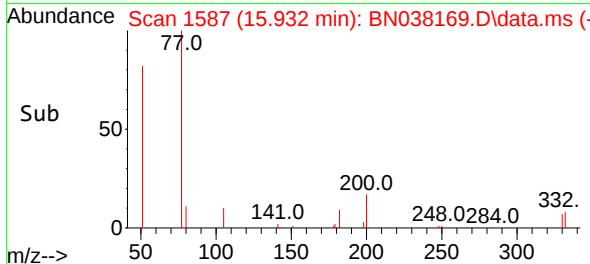
Tgt Ion: 330 Resp: 484
Ion Ratio Lower Upper
330 100
332 97.5 76.6 114.8
141 92.8 34.1 51.1

Manual Integrations

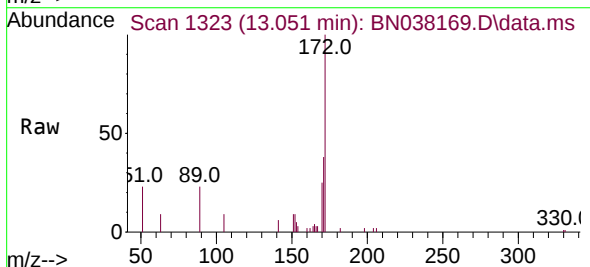
APPROVED

Reviewed By :Rahul Chavli 11/10/2025

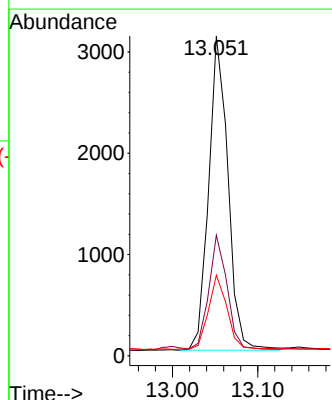
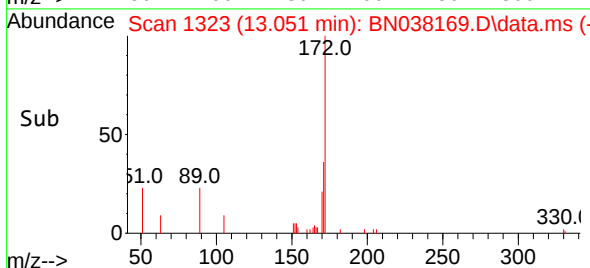
Supervised By :Jagrut Upadhyay 11/10/2025

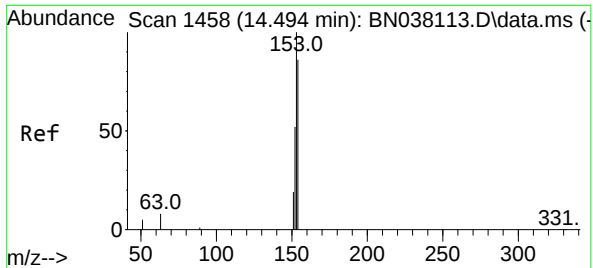


#15
2-Fluorobiphenyl
Concen: 0.066 ng
RT: 13.051 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BN038169.D
Acq: 08 Nov 2025 00:44



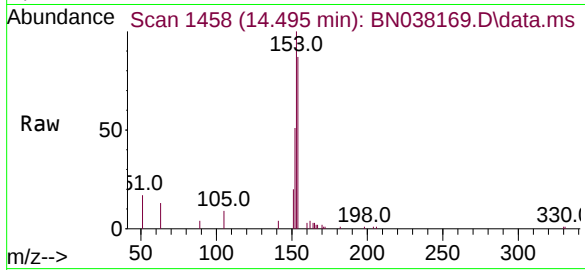
Tgt Ion: 172 Resp: 4896
Ion Ratio Lower Upper
172 100
171 37.7 27.8 41.6
170 25.2 18.1 27.1





#17
Acenaphthene
Concen: 0.128 ng
RT: 14.495 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BN038169.D
Acq: 08 Nov 2025 00:44

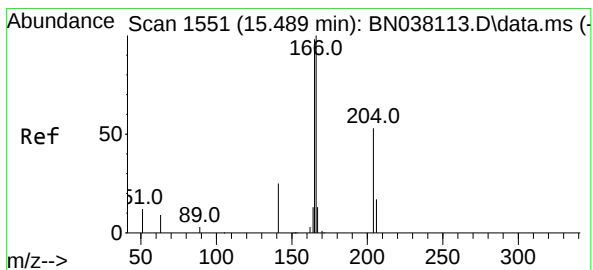
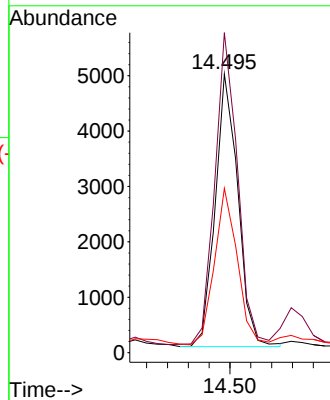
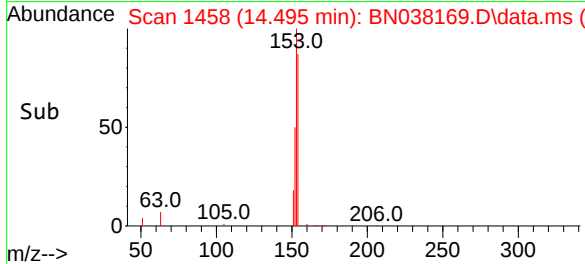
Instrument :
BNA_N
ClientSampleId :
MW-6DL



Tgt Ion:154 Resp: 7462
Ion Ratio Lower Upper
154 100
153 113.8 90.0 135.0
152 57.2 47.3 70.9

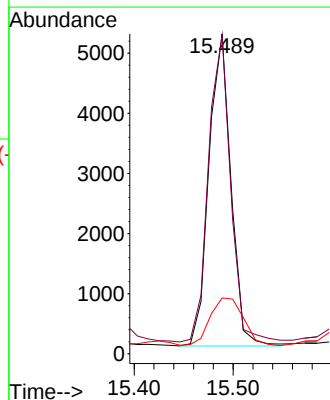
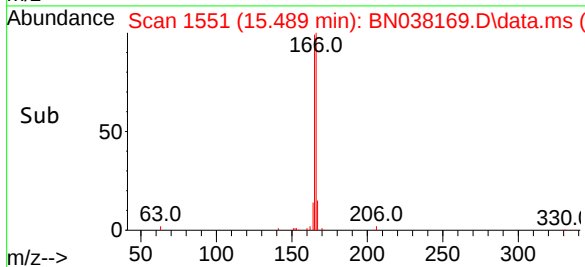
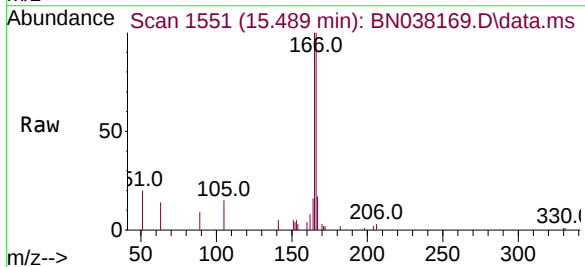
Manual Integrations
APPROVED

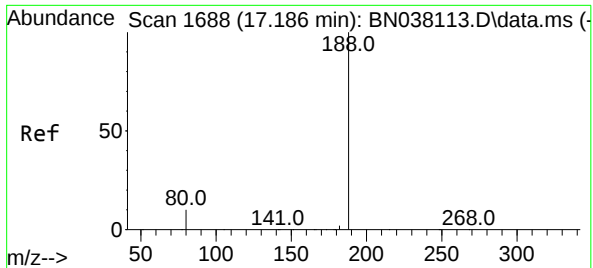
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#18
Fluorene
Concen: 0.110 ng
RT: 15.489 min Scan# 1551
Delta R.T. -0.000 min
Lab File: BN038169.D
Acq: 08 Nov 2025 00:44

Tgt Ion:166 Resp: 8417
Ion Ratio Lower Upper
166 100
165 98.6 79.0 118.4
167 22.6 10.7 16.1#





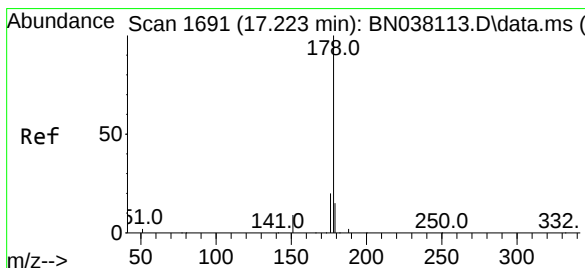
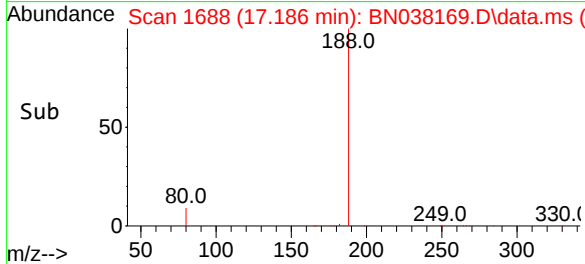
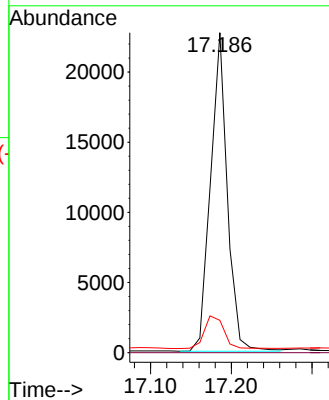
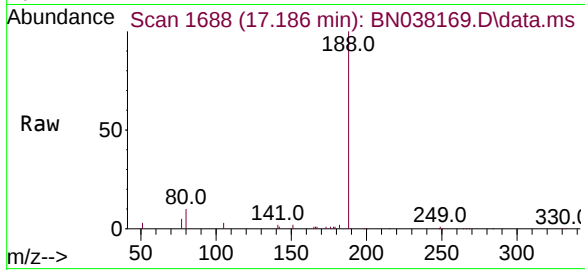
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1688
Delta R.T. 0.000 min
Lab File: BN038169.D
Acq: 08 Nov 2025 00:44

Instrument :
BNA_N
ClientSampleId :
MW-6DL

Tgt Ion:188 Resp: 32776
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.1 8.6 13.0

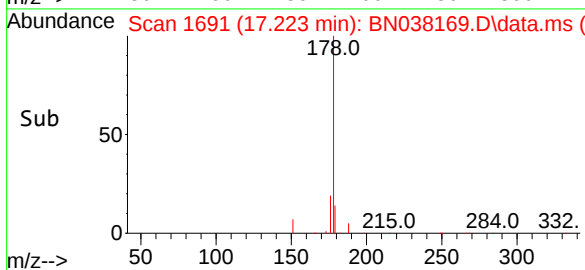
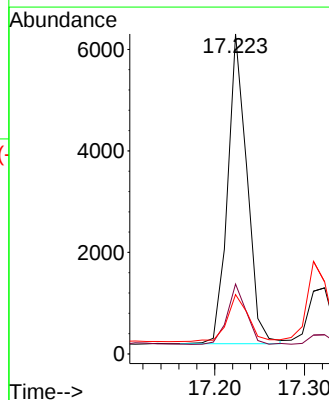
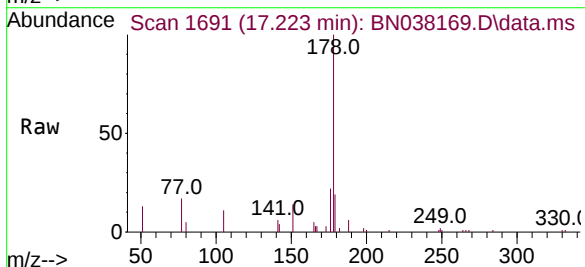
Manual Integrations
APPROVED

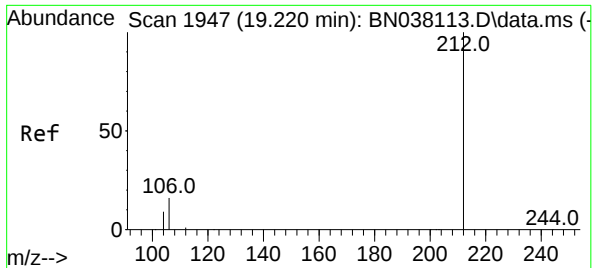
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#25
Phenanthrene
Concen: 0.088 ng
RT: 17.223 min Scan# 1691
Delta R.T. 0.000 min
Lab File: BN038169.D
Acq: 08 Nov 2025 00:44

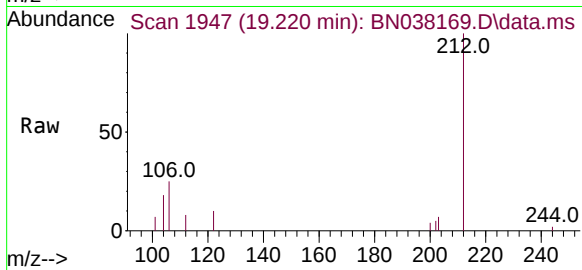
Tgt Ion:178 Resp: 9145
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 16.3 12.2 18.4





#27
Fluoranthene-d10
Concen: 0.049 ng
RT: 19.220 min Scan# 1947
Delta R.T. 0.000 min
Lab File: BN038169.D
Acq: 08 Nov 2025 00:44

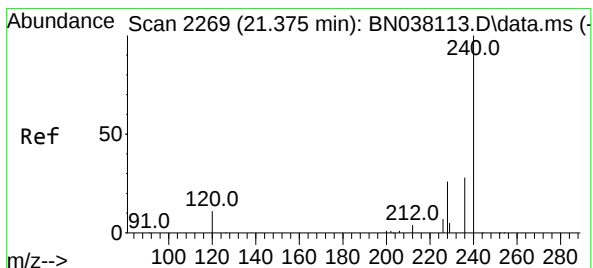
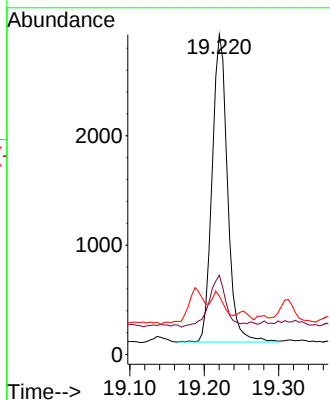
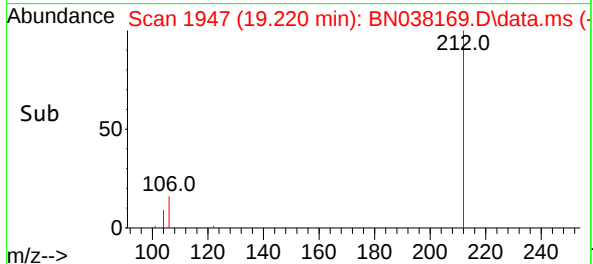
Instrument :
BNA_N
ClientSampleId :
MW-6DL



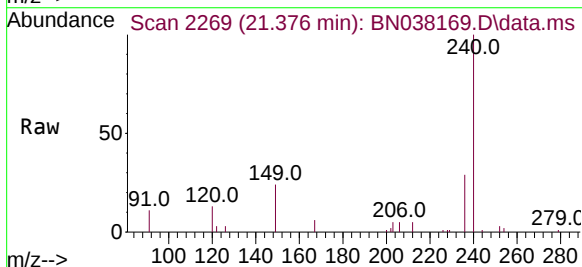
Tgt Ion: 212 Resp: 4042
Ion Ratio Lower Upper
212 100
106 18.9 12.6 19.0
104 8.2 7.1 10.7

Manual Integrations
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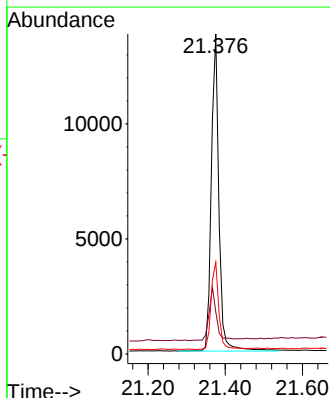
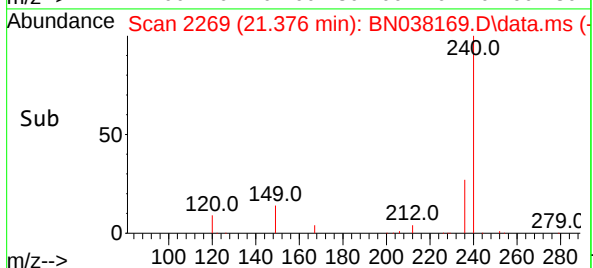
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

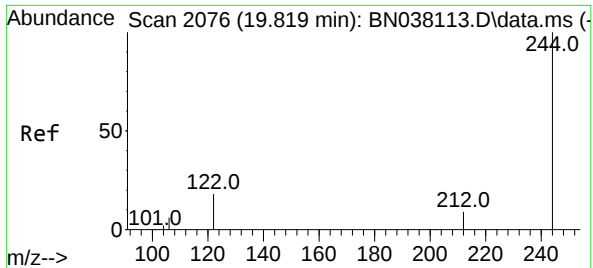


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.376 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BN038169.D
Acq: 08 Nov 2025 00:44



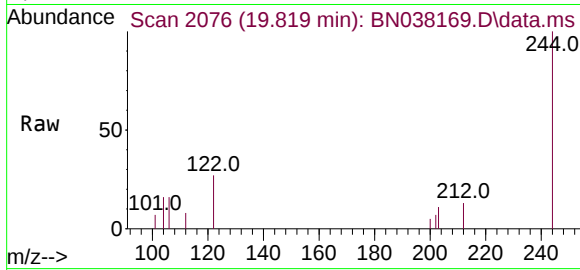
Tgt Ion: 240 Resp: 18818
Ion Ratio Lower Upper
240 100
120 13.1 10.7 16.1
236 28.6 23.1 34.7





#31
Terphenyl-d14
Concen: 0.084 ng
RT: 19.819 min Scan# 2076
Delta R.T. 0.000 min
Lab File: BN038169.D
Acq: 08 Nov 2025 00:44

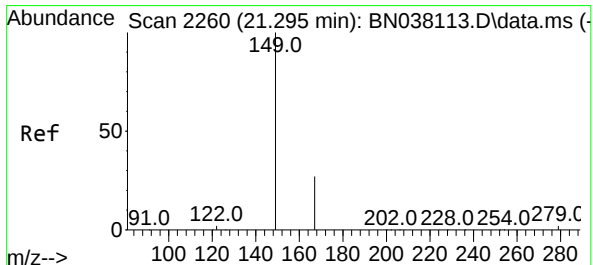
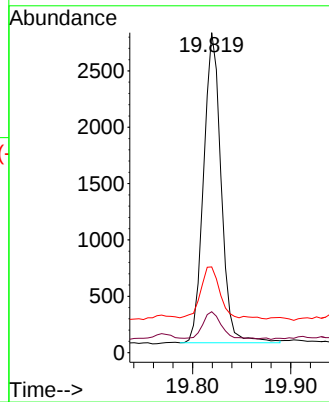
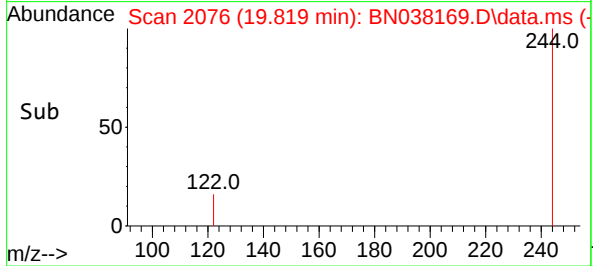
Instrument :
BNA_N
ClientSampleId :
MW-6DL



Tgt Ion:244 Resp: 3414
Ion Ratio Lower Upper
244 100
212 12.8 7.8 11.6
122 26.8 15.2 22.8

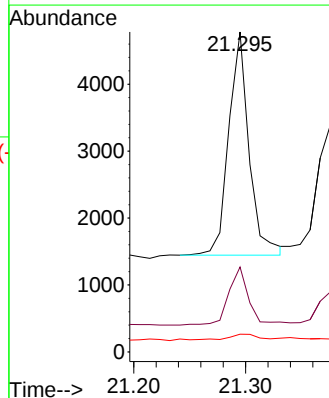
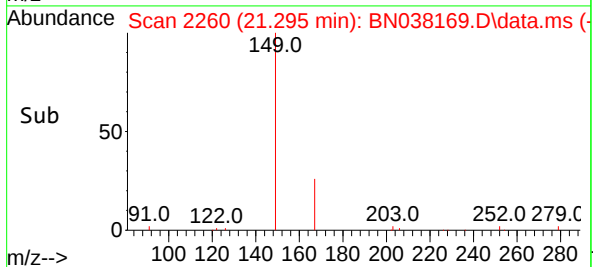
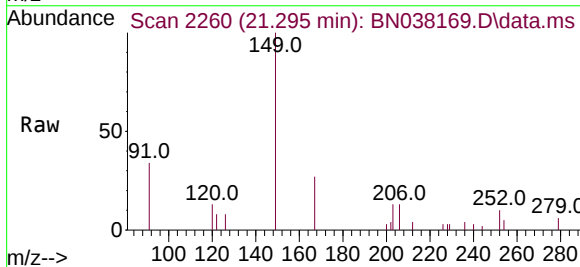
Manual Integrations
APPROVED

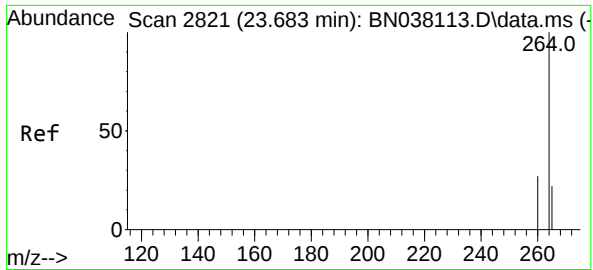
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.119 ng
RT: 21.295 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BN038169.D
Acq: 08 Nov 2025 00:44

Tgt Ion:149 Resp: 4200
Ion Ratio Lower Upper
149 100
167 26.0 21.1 31.7
279 3.3 2.9 4.3





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.683 min Scan# 28

Delta R.T. 0.003 min

Lab File: BN038169.D

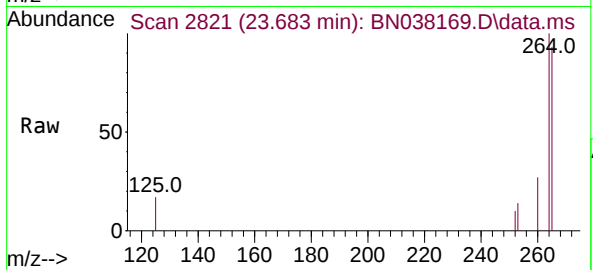
Acq: 08 Nov 2025 00:44

Instrument :

BNA_N

ClientSampleId :

MW-6DL



Tgt Ion:264 Resp: 16362

Ion Ratio Lower Upper

264 100

260 27.2 21.8 32.8

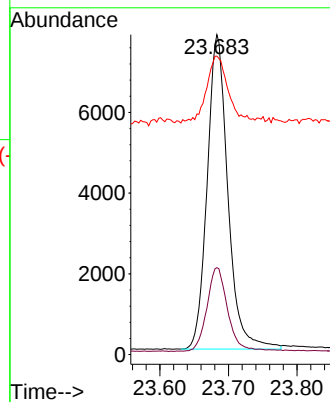
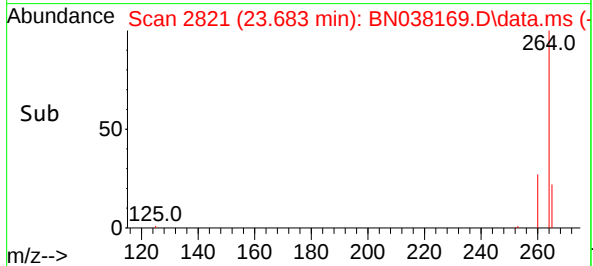
265 93.3 68.6 102.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/10/2025

Supervised By :Jagrut Upadhyay 11/10/2025



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110725\
 Data File : BN038150.D
 Acq On : 07 Nov 2025 11:27
 Operator : RC/JU
 Sample : Q3534-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-1

A
B
C
D
E
F
G
H
I
J
K

Quant Time: Nov 07 11:52:17 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 29 13:09:46 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

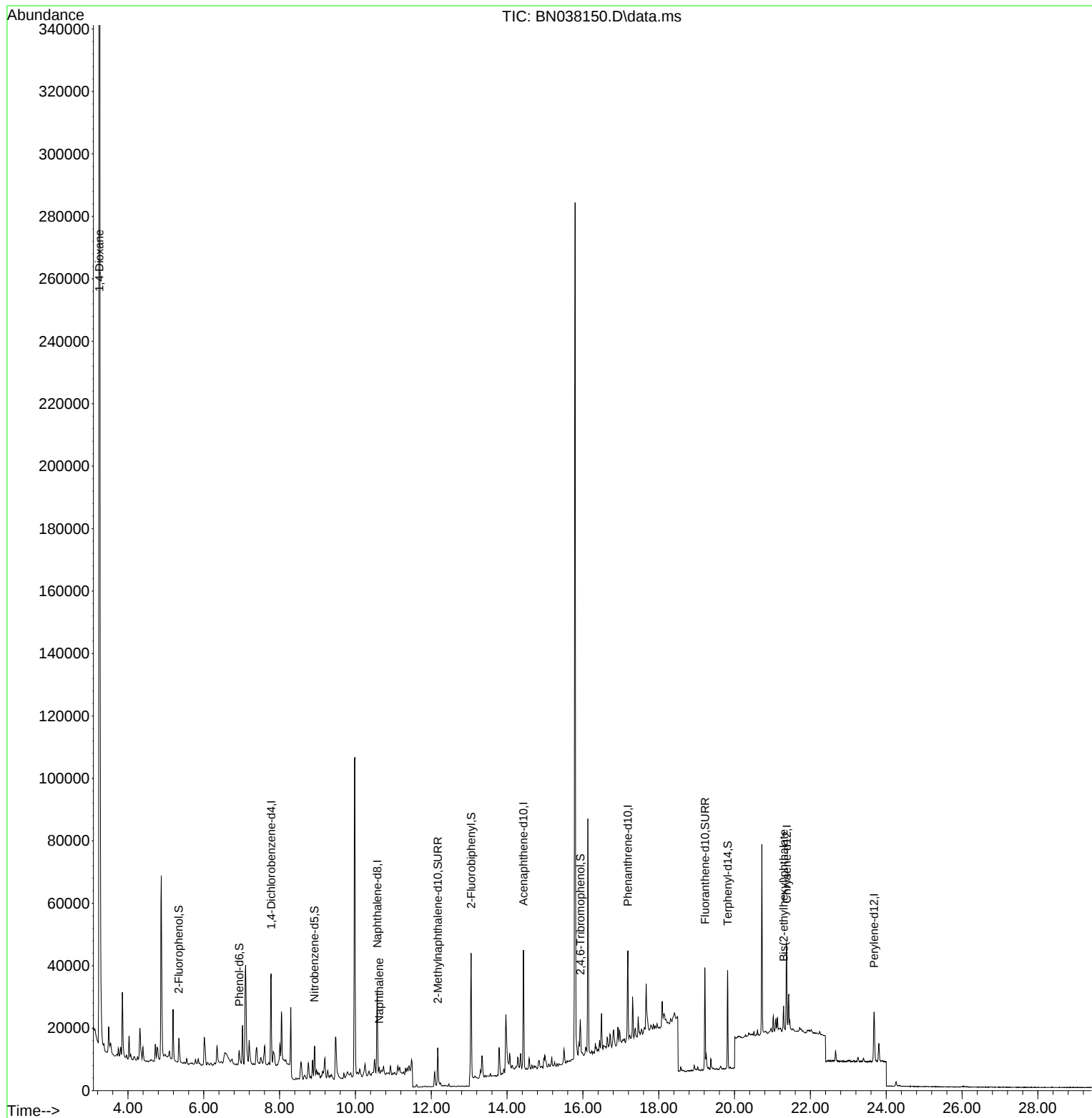
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	10682	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	34512	0.400	ng	# 0.00
13) Acenaphthene-d10	14.430	164	21143	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	39293	0.400	ng	0.00
29) Chrysene-d12	21.375	240	27007	0.400	ng	0.00
35) Perylene-d12	23.680	264	21896	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.341	112	4556	0.181	ng	0.00
5) Phenol-d6	6.937	99	4076	0.133	ng	0.00
8) Nitrobenzene-d5	8.918	82	9385	0.337	ng	-0.01
11) 2-Methylnaphthalene-d10	12.172	152	16461	0.334	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	4244	0.487	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	25711	0.304	ng	0.00
27) Fluoranthene-d10	19.220	212	36896	0.372	ng	0.00
31) Terphenyl-d14	19.819	244	29953	0.510	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.247	88	651509	59.029	ng	Qvalue 100
9) Naphthalene	10.626	128	3096	0.033	ng	# 82
34) Bis(2-ethylhexyl)phtha...	21.295	149	7413	0.146	ng	100

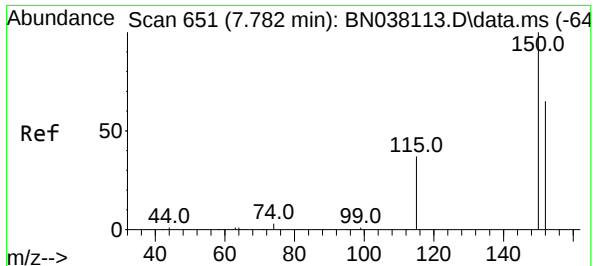
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110725\
Data File : BN038150.D
Acq On : 07 Nov 2025 11:27
Operator : RC/JU
Sample : Q3534-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-1

Quant Time: Nov 07 11:52:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration

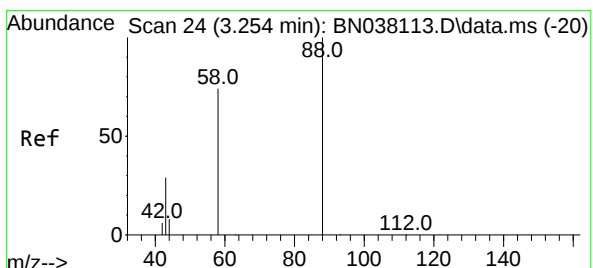
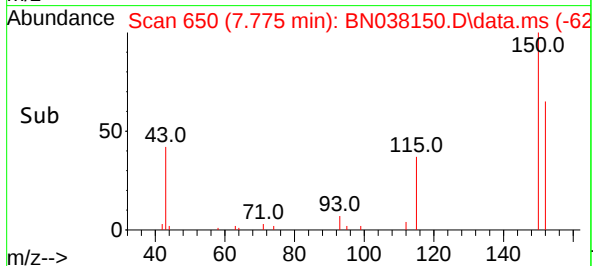
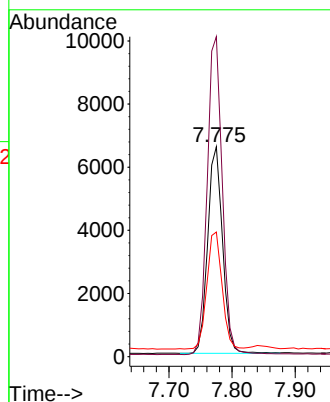
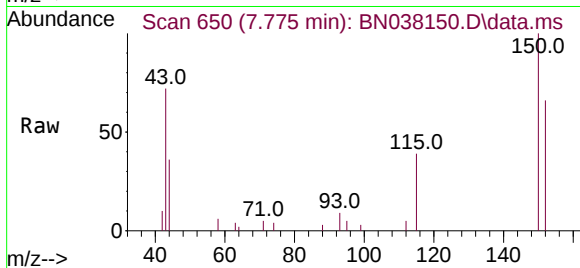




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.775 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN038150.D
Acq: 07 Nov 2025 11:27

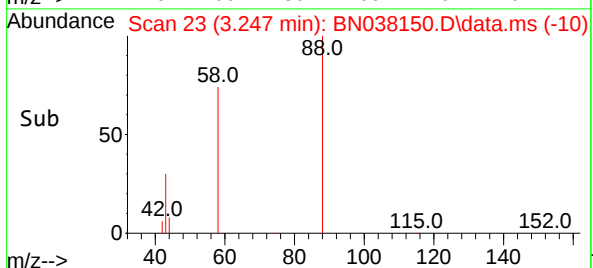
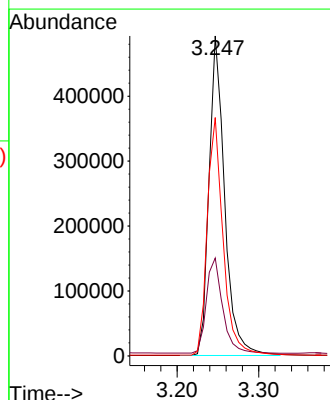
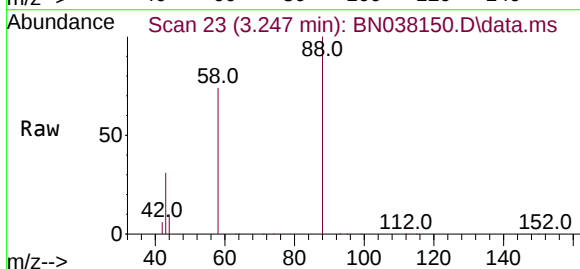
Instrument :
BNA_N
ClientSampleId :
MW-1

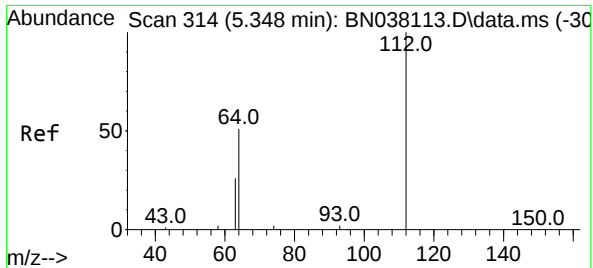
Tgt Ion:152 Resp: 10682
Ion Ratio Lower Upper
152 100
150 152.5 122.3 183.5
115 59.3 47.4 71.0



#2
1,4-Dioxane
Concen: 59.029 ng
RT: 3.247 min Scan# 23
Delta R.T. -0.007 min
Lab File: BN038150.D
Acq: 07 Nov 2025 11:27

Tgt Ion: 88 Resp: 651509
Ion Ratio Lower Upper
88 100
43 30.9 24.3 36.5
58 75.6 60.4 90.6

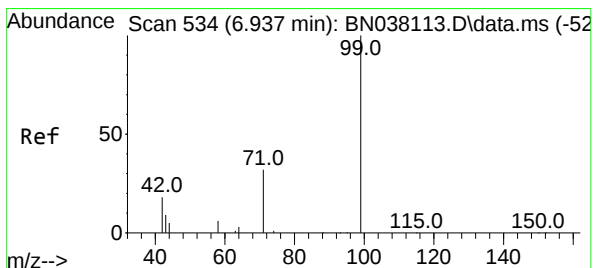
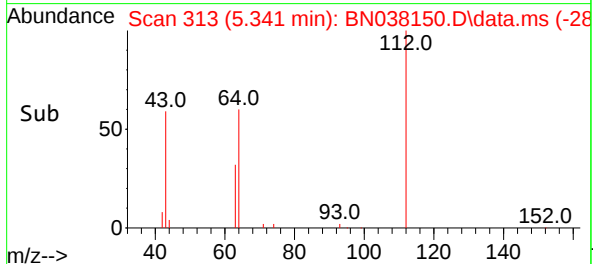
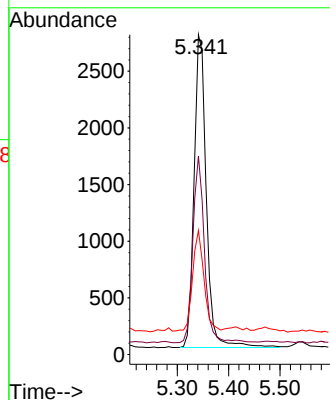
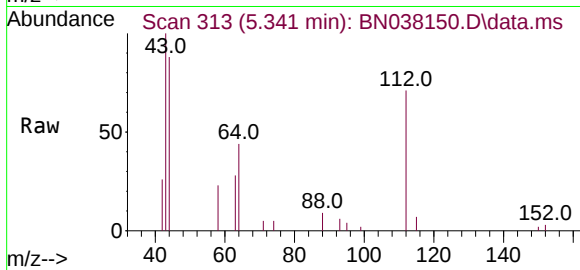




#4
2-Fluorophenol
Concen: 0.181 ng
RT: 5.341 min Scan# 314
Delta R.T. -0.007 min
Lab File: BN038150.D
Acq: 07 Nov 2025 11:27

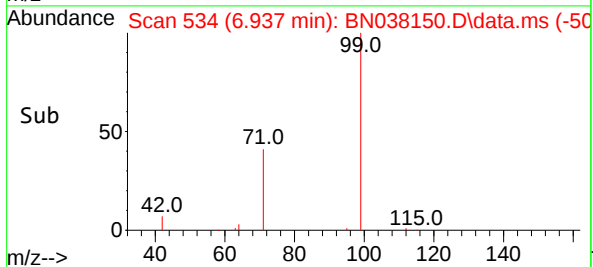
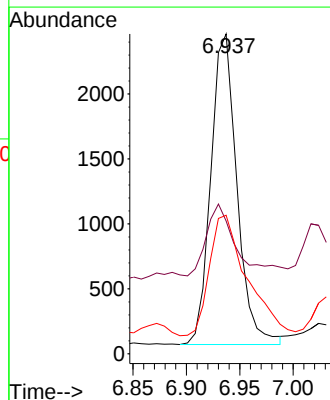
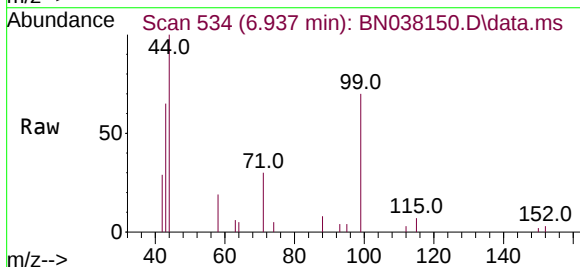
Instrument :
BNA_N
ClientSampleId :
MW-1

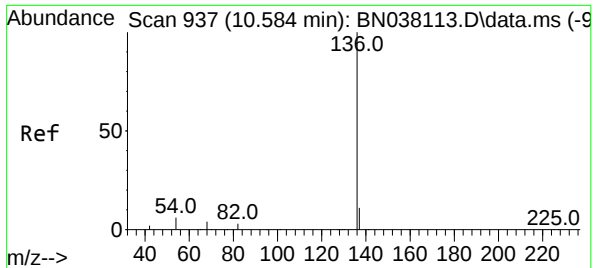
Tgt Ion:112 Resp: 4556
Ion Ratio Lower Upper
112 100
64 56.7 45.4 68.0
63 30.6 23.2 34.8



#5
Phenol-d6
Concen: 0.133 ng
RT: 6.937 min Scan# 534
Delta R.T. -0.000 min
Lab File: BN038150.D
Acq: 07 Nov 2025 11:27

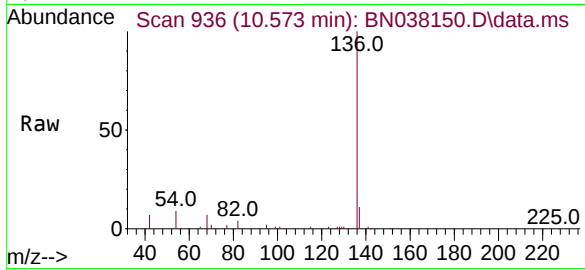
Tgt Ion: 99 Resp: 4076
Ion Ratio Lower Upper
99 100
42 30.3 16.6 24.8#
71 55.8 25.4 38.2#



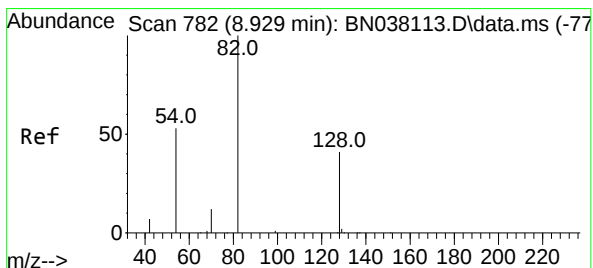
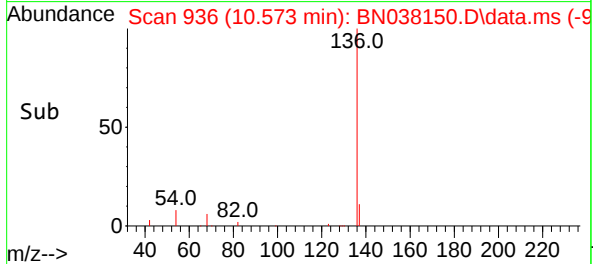
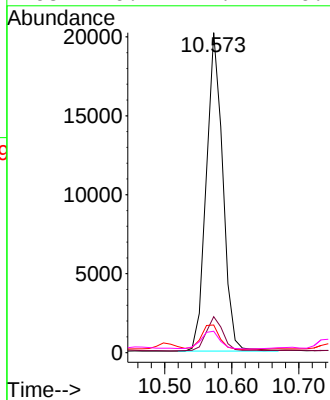


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 931
Delta R.T. -0.000 min
Lab File: BN038150.D
Acq: 07 Nov 2025 11:27

Instrument :
BNA_N
ClientSampleId :
MW-1

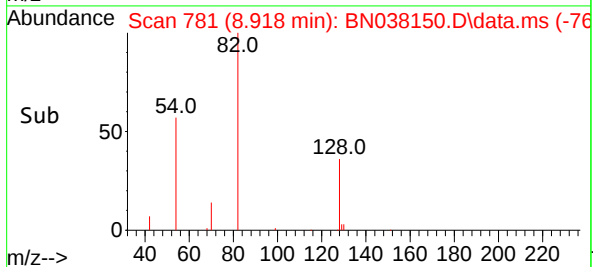
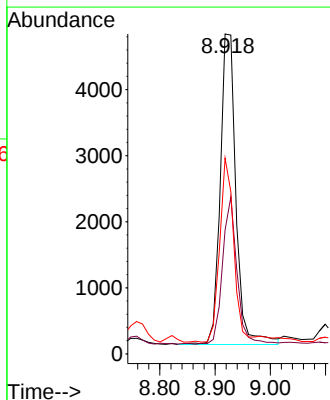
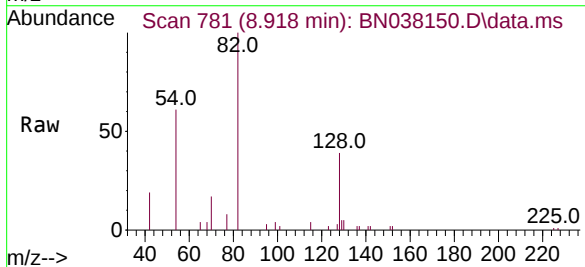


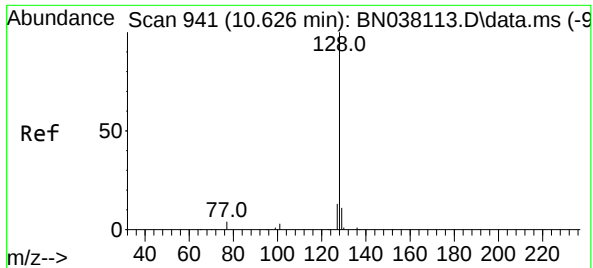
Tgt Ion:136 Resp: 34512
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 8.6 5.2 7.8#
68 6.7 4.1 6.1#



#8
Nitrobenzene-d5
Concen: 0.337 ng
RT: 8.918 min Scan# 781
Delta R.T. -0.011 min
Lab File: BN038150.D
Acq: 07 Nov 2025 11:27

Tgt Ion: 82 Resp: 9385
Ion Ratio Lower Upper
82 100
128 38.7 34.1 51.1
54 61.2 43.5 65.3

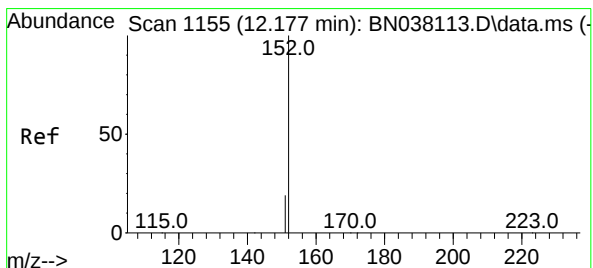
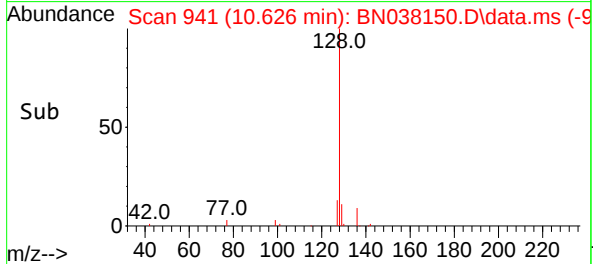
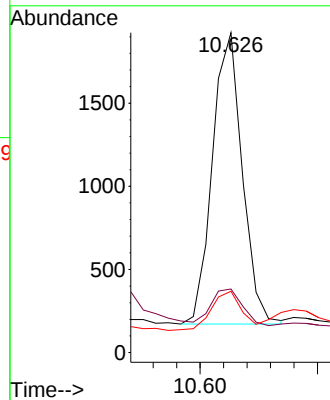
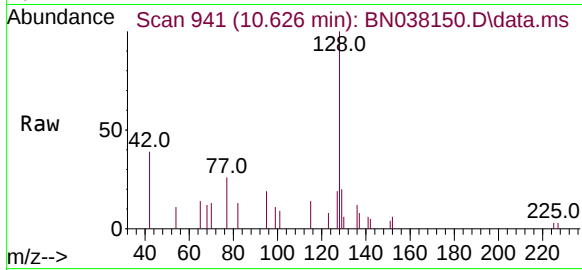




#9
Naphthalene
Concen: 0.033 ng
RT: 10.626 min Scan# 941
Delta R.T. -0.000 min
Lab File: BN038150.D
Acq: 07 Nov 2025 11:27

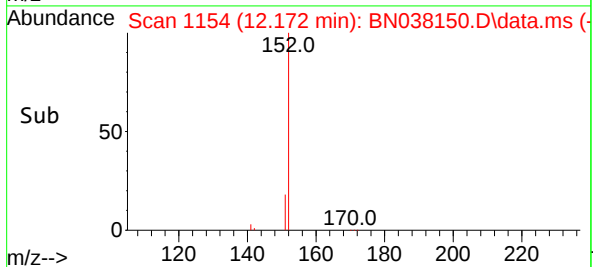
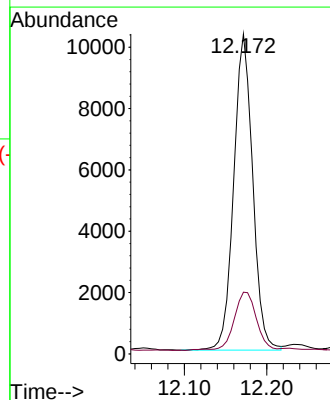
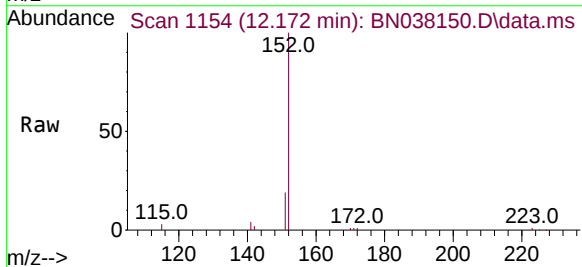
Instrument :
BNA_N
ClientSampleId :
MW-1

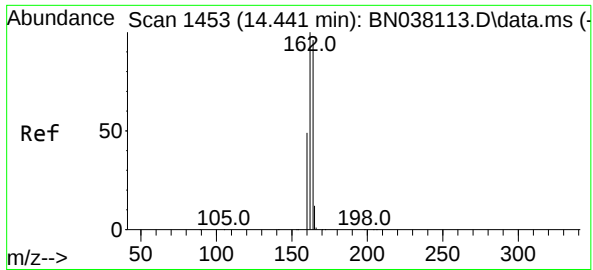
Tgt Ion:128 Resp: 3096
Ion Ratio Lower Upper
128 100
129 19.8 9.1 13.7#
127 19.2 10.5 15.7#



#11
2-Methylnaphthalene-d10
Concen: 0.334 ng
RT: 12.172 min Scan# 1154
Delta R.T. -0.005 min
Lab File: BN038150.D
Acq: 07 Nov 2025 11:27

Tgt Ion:152 Resp: 16461
Ion Ratio Lower Upper
152 100
151 21.8 16.8 25.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.430 min Scan# 14

Delta R.T. -0.000 min

Lab File: BN038150.D

Acq: 07 Nov 2025 11:27

Instrument :

BNA_N

ClientSampleId :

MW-1

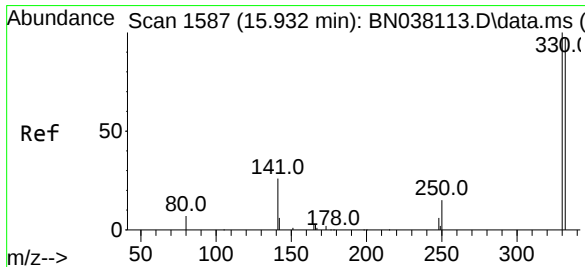
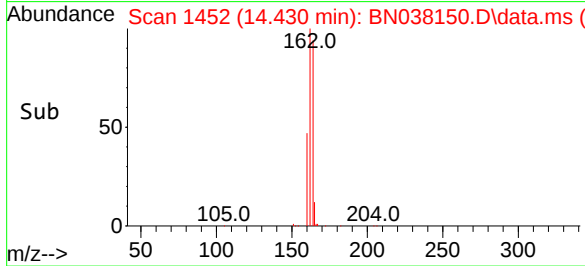
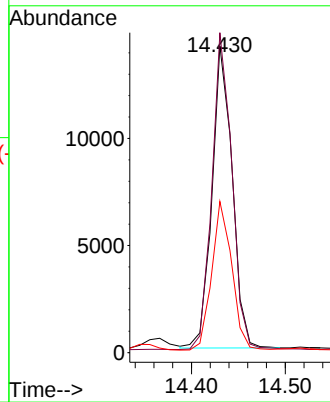
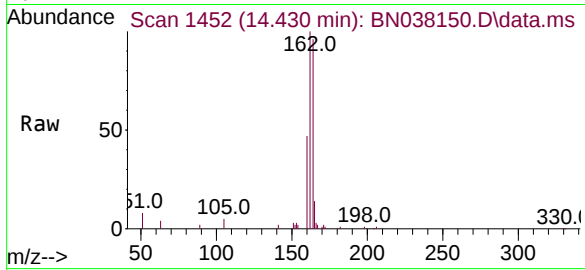
Tgt Ion:164 Resp: 21143

Ion Ratio Lower Upper

164 100

162 104.3 83.0 124.4

160 49.3 40.7 61.1



#14

2,4,6-Tribromophenol

Concen: 0.487 ng

RT: 15.932 min Scan# 1587

Delta R.T. 0.000 min

Lab File: BN038150.D

Acq: 07 Nov 2025 11:27

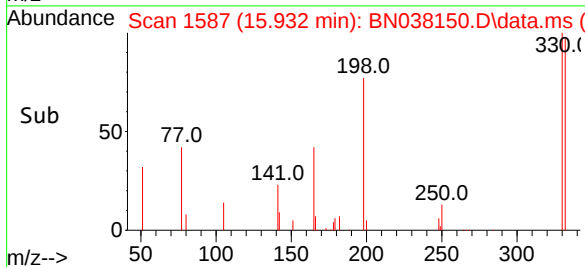
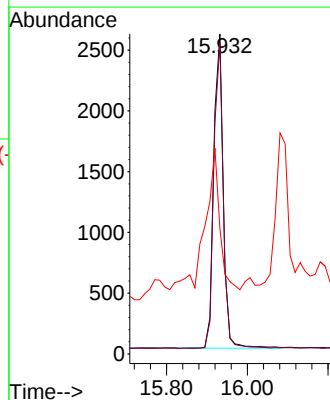
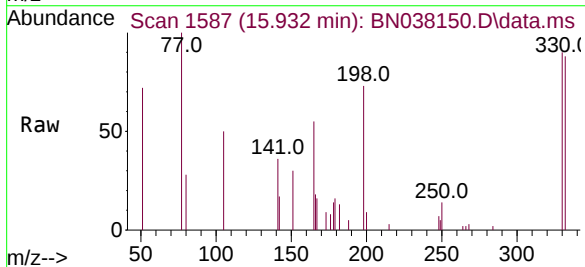
Tgt Ion:330 Resp: 4244

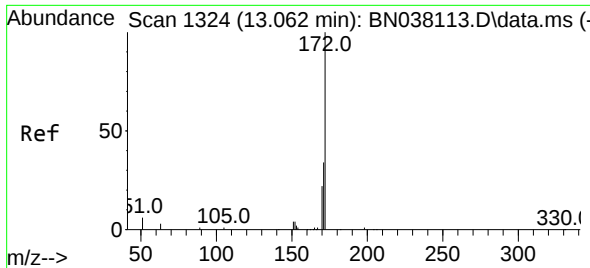
Ion Ratio Lower Upper

330 100

332 95.7 76.6 114.8

141 68.0 34.1 51.1#

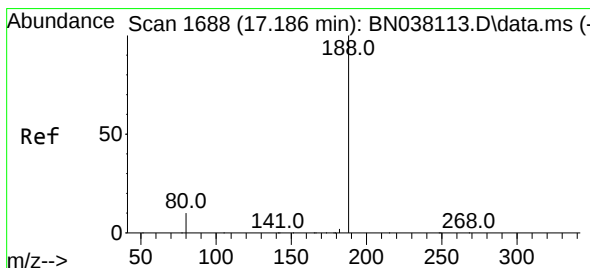
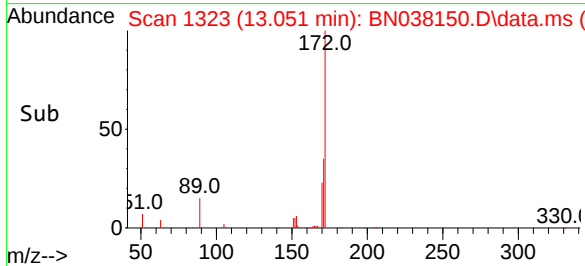
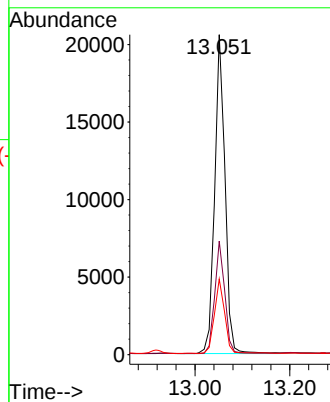
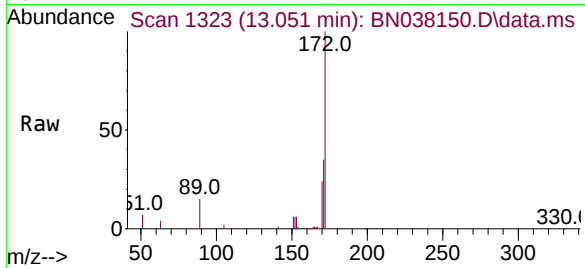




#15
2-Fluorobiphenyl
Concen: 0.304 ng
RT: 13.051 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BN038150.D
Acq: 07 Nov 2025 11:27

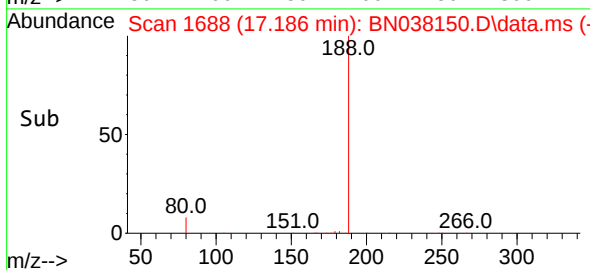
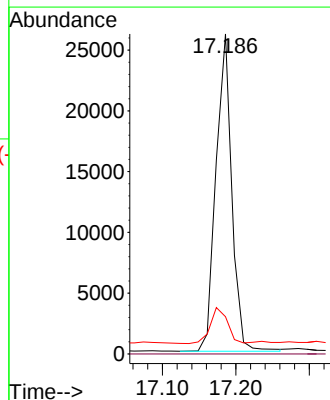
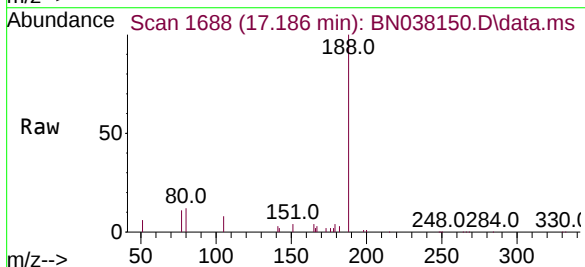
Instrument :
BNA_N
ClientSampleId :
MW-1

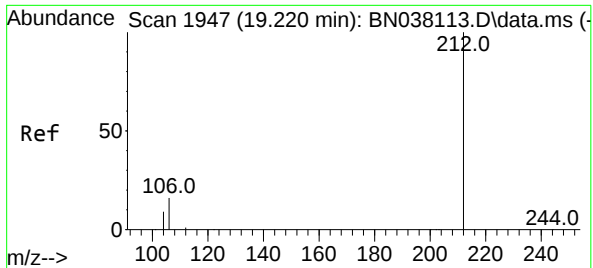
Tgt Ion:	172	Resp:	25711
Ion Ratio	Lower	Upper	
172	100		
171	35.5	27.8	41.6
170	23.6	18.1	27.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1688
Delta R.T. -0.000 min
Lab File: BN038150.D
Acq: 07 Nov 2025 11:27

Tgt Ion:	188	Resp:	39293
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	11.6	8.6	13.0

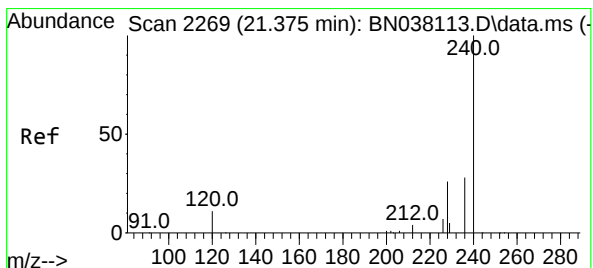
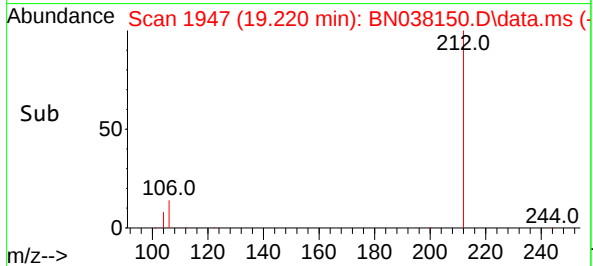
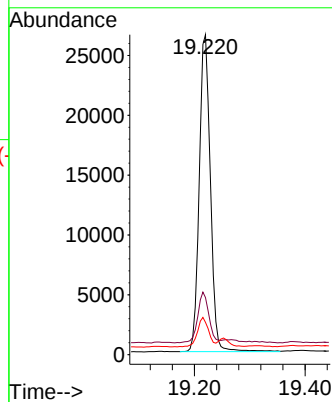
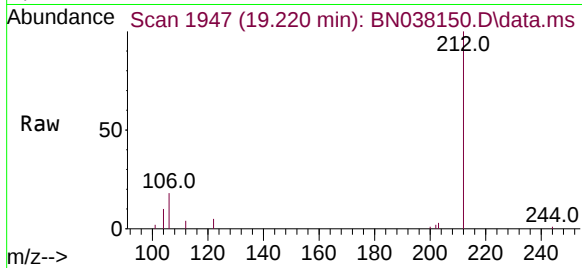




#27
Fluoranthene-d10
Concen: 0.372 ng
RT: 19.220 min Scan# 1947
Delta R.T. -0.000 min
Lab File: BN038150.D
Acq: 07 Nov 2025 11:27

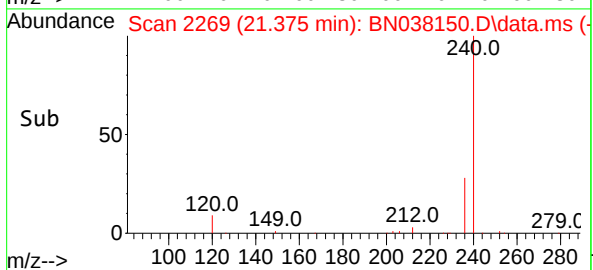
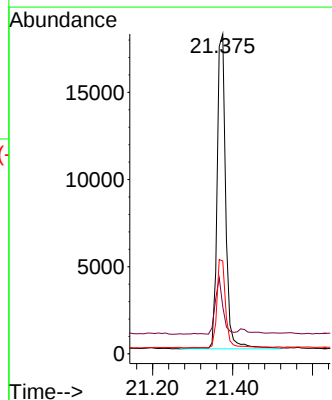
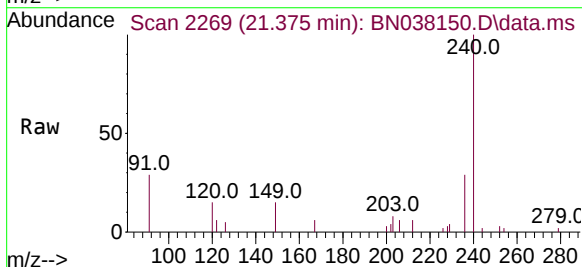
Instrument :
BNA_N
ClientSampleId :
MW-1

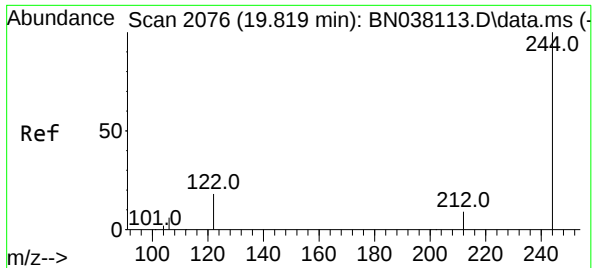
Tgt Ion:	212	Resp:	36896
Ion Ratio	Lower	Upper	
212	100		
106	16.2	12.6	19.0
104	9.4	7.1	10.7



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.375 min Scan# 2269
Delta R.T. -0.000 min
Lab File: BN038150.D
Acq: 07 Nov 2025 11:27

Tgt Ion:	240	Resp:	27007
Ion Ratio	Lower	Upper	
240	100		
120	14.8	10.7	16.1
236	29.0	23.1	34.7

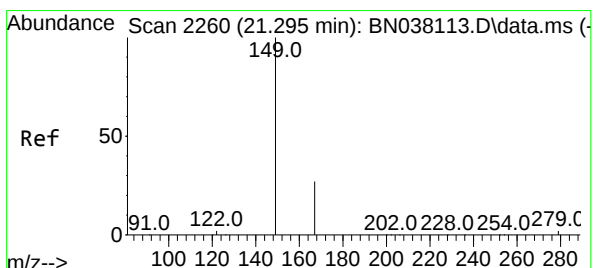
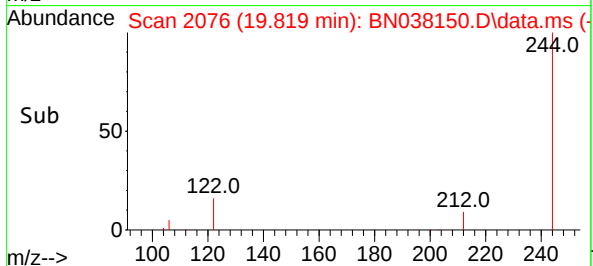
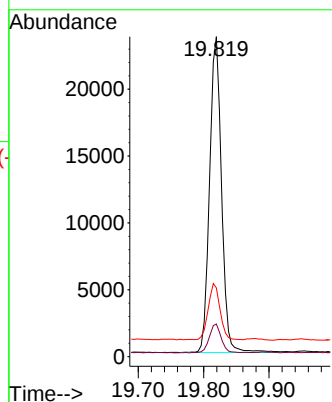
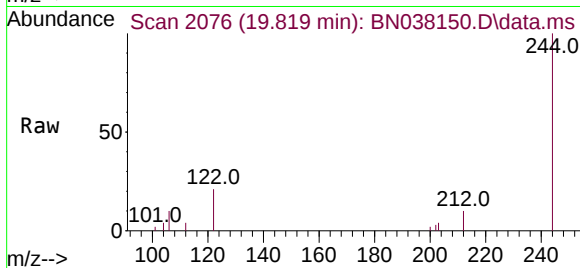




#31
 Terphenyl-d14
 Concen: 0.510 ng
 RT: 19.819 min Scan# 2076
 Delta R.T. -0.000 min
 Lab File: BN038150.D
 Acq: 07 Nov 2025 11:27

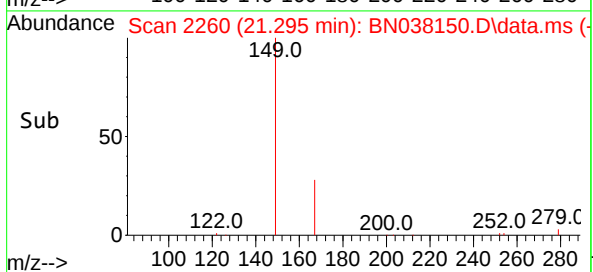
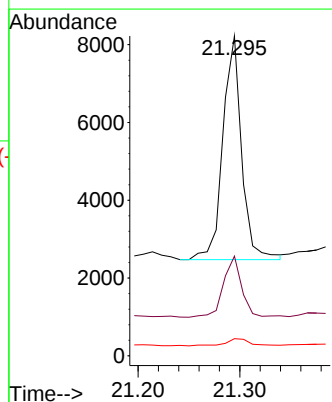
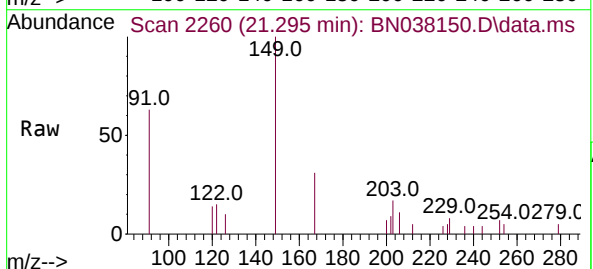
Instrument :
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 ClientSampleId :
 MW-1

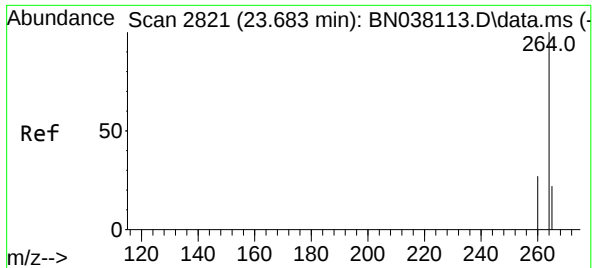
Tgt Ion:244	Resp:	29953
Ion Ratio	Lower	Upper
244	100	
212	10.2	7.8 11.6
122	21.5	15.2 22.8



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.146 ng
 RT: 21.295 min Scan# 2260
 Delta R.T. -0.000 min
 Lab File: BN038150.D
 Acq: 07 Nov 2025 11:27

Tgt Ion:149	Resp:	7413
Ion Ratio	Lower	Upper
149	100	
167	26.5	21.1 31.7
279	4.2	2.9 4.3





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.680 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN038150.D

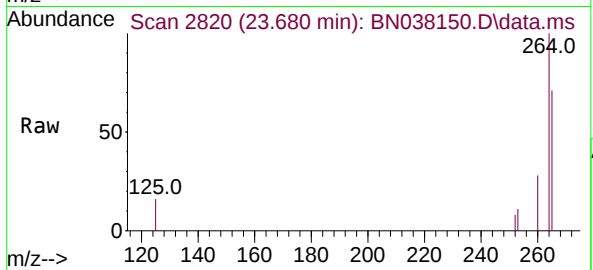
Acq: 07 Nov 2025 11:27

Instrument :

BNA_N

ClientSampleId :

MW-1



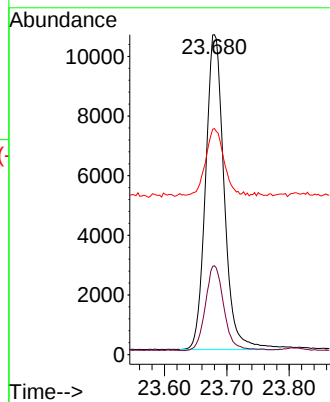
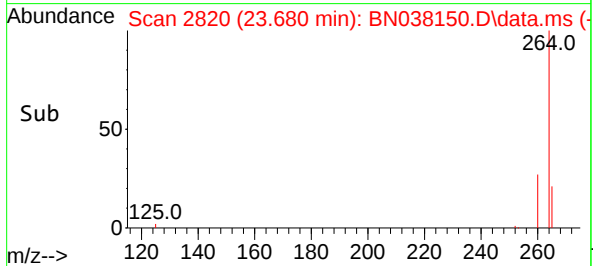
Tgt Ion:264 Resp: 21896

Ion Ratio Lower Upper

264 100

260 27.8 21.8 32.8

265 70.6 68.6 102.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110725\
Data File : BN038170.D
Acq On : 08 Nov 2025 01:20
Operator : RC/JU
Sample : Q3534-02DL 30X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-1DL

Quant Time: Nov 08 03:29:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration

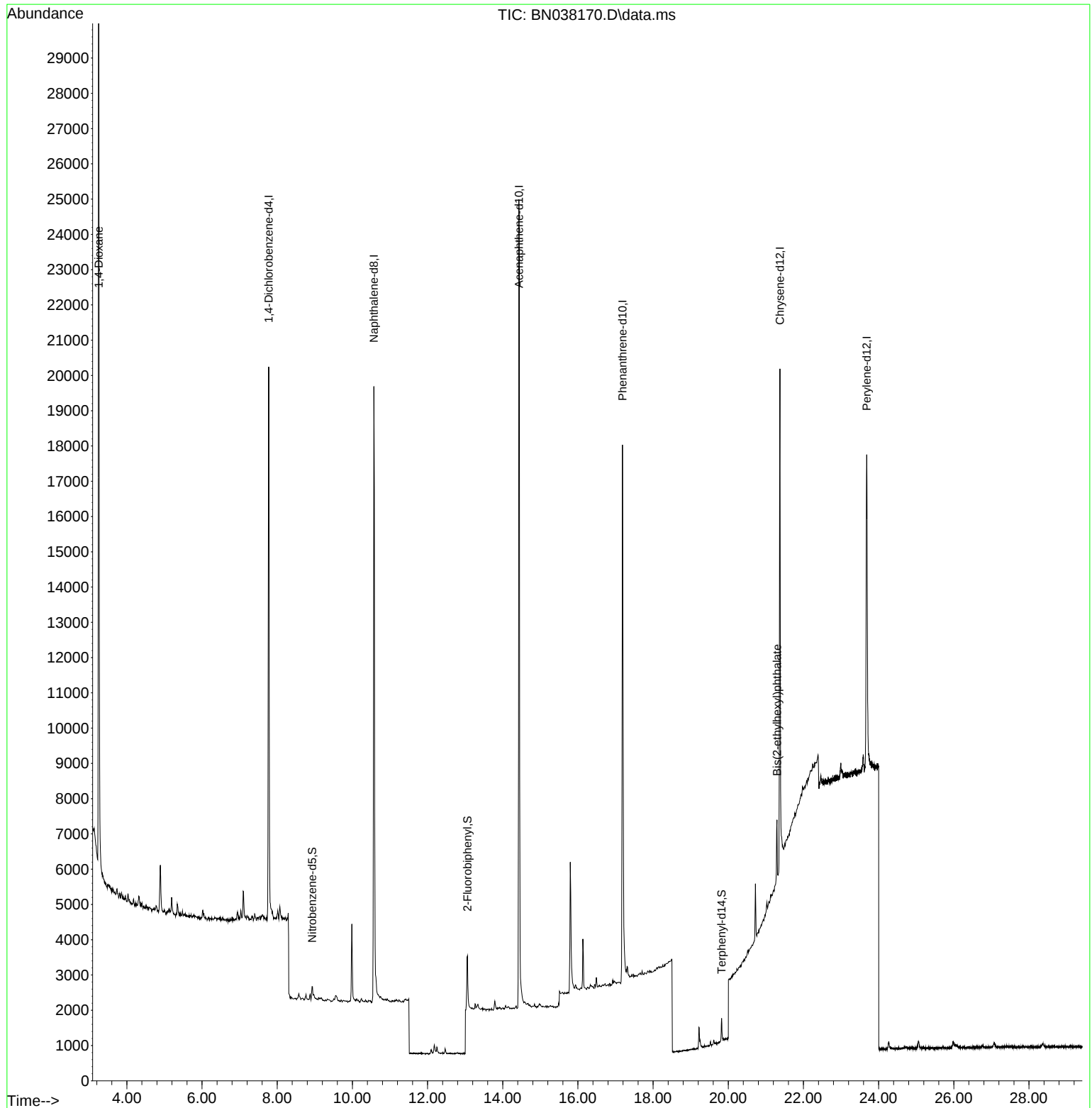
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	8096	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	25457	0.400	ng	# 0.00
13) Acenaphthene-d10	14.430	164	14977	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	25954	0.400	ng	0.00
29) Chrysene-d12	21.375	240	14825	0.400	ng	0.00
35) Perylene-d12	23.683	264	13976	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	206	0.011	ng	0.00
5) Phenol-d6	6.944	99	228	0.010	ng	0.00
8) Nitrobenzene-d5	8.929	82	456	0.022	ng	0.00
11) 2-Methylnaphthalene-d10	12.182	152	385	0.011	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	81	0.013	ng	0.00
15) 2-Fluorobiphenyl	13.062	172	1835	0.031	ng	0.01
27) Fluoranthene-d10	19.220	212	761	0.012	ng	0.00
31) Terphenyl-d14	19.824	244	728	0.023	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.254	88	19144	2.289	ng	100
34) Bis(2-ethylhexyl)phtha...	21.295	149	2038	0.073	ng	93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

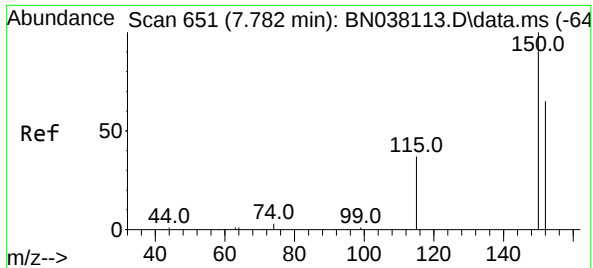
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Data File : BN038170.D
Acq On : 08 Nov 2025 01:20
Operator : RC/JU
Sample : Q3534-02DL 30X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-1DL

Quant Time: Nov 08 03:29:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration



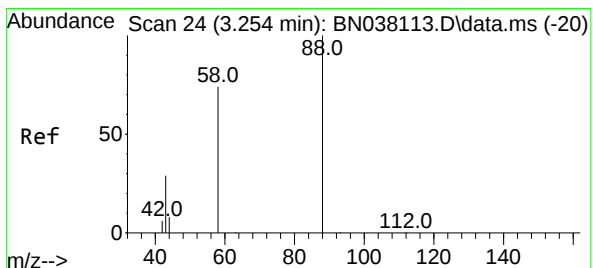
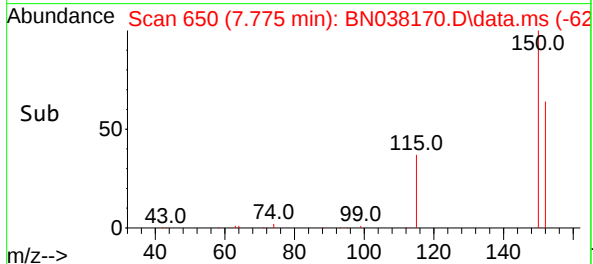
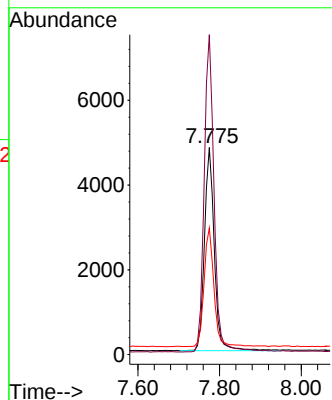
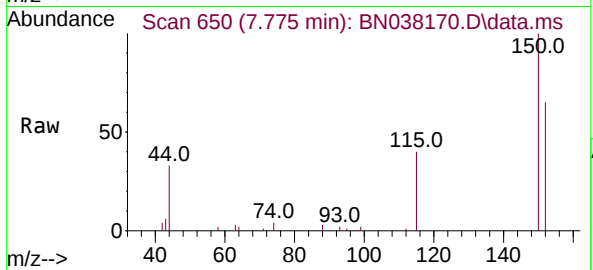
A
B
C
D
E
F
G
H
I
J
K



#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.775 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN038170.D
Acq: 08 Nov 2025 01:20

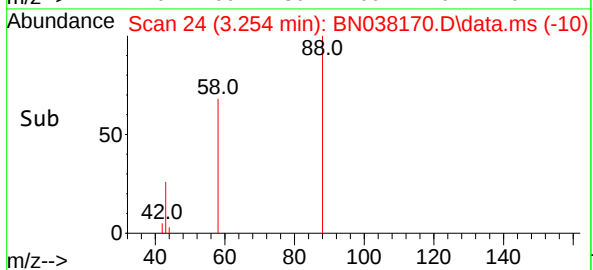
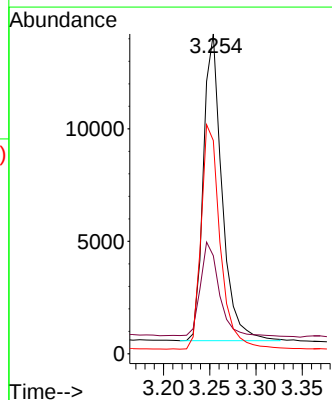
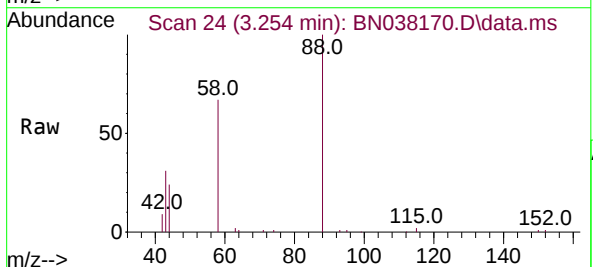
Instrument :
BNA_N
ClientSampleId :
MW-1DL

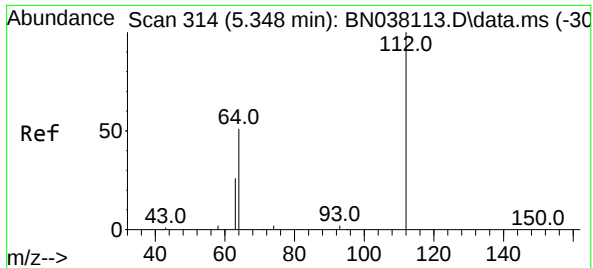
Tgt Ion:152 Resp: 8096
Ion Ratio Lower Upper
152 100
150 154.5 122.3 183.5
115 61.1 47.4 71.0



#2
1,4-Dioxane
Concen: 2.289 ng
RT: 3.254 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN038170.D
Acq: 08 Nov 2025 01:20

Tgt Ion: 88 Resp: 19144
Ion Ratio Lower Upper
88 100
43 30.6 24.3 36.5
58 75.1 60.4 90.6

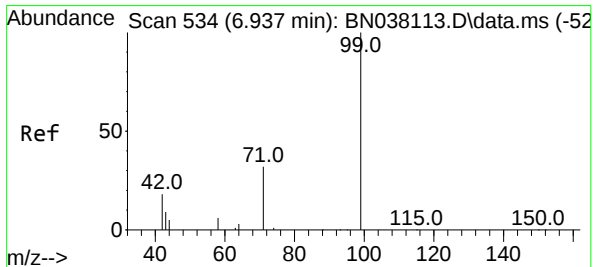
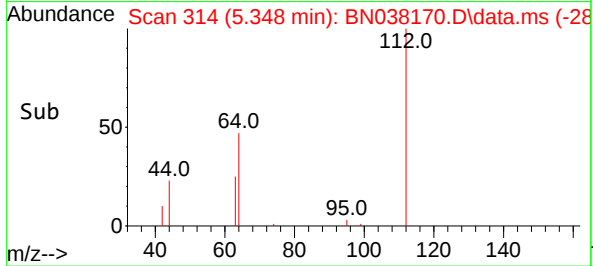
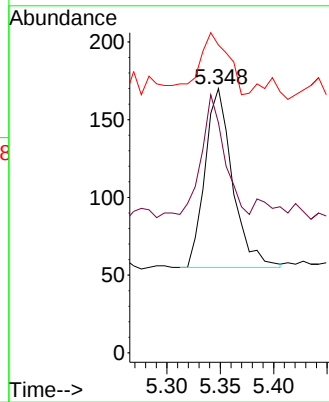
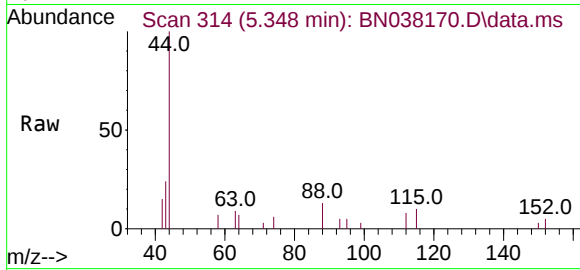




#4
2-Fluorophenol
Concen: 0.011 ng
RT: 5.348 min Scan# 314
Delta R.T. -0.000 min
Lab File: BN038170.D
Acq: 08 Nov 2025 01:20

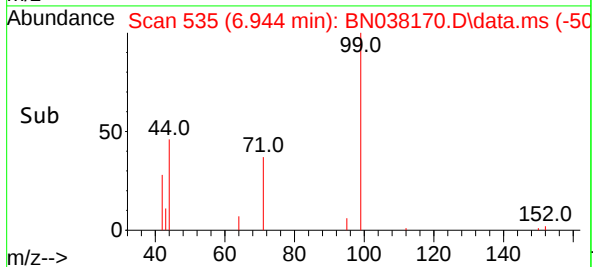
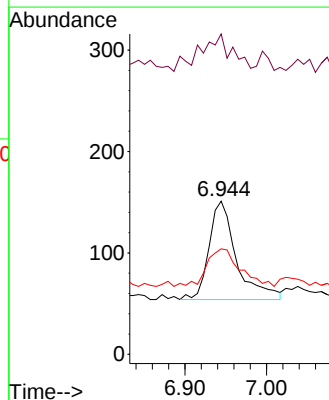
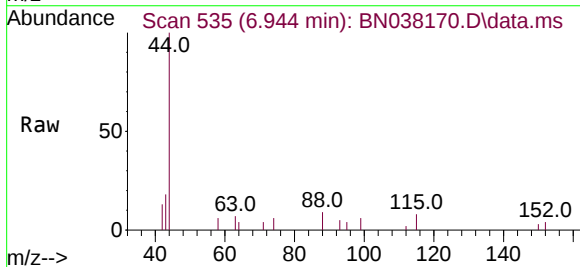
Instrument :
BNA_N
ClientSampleId :
MW-1DL

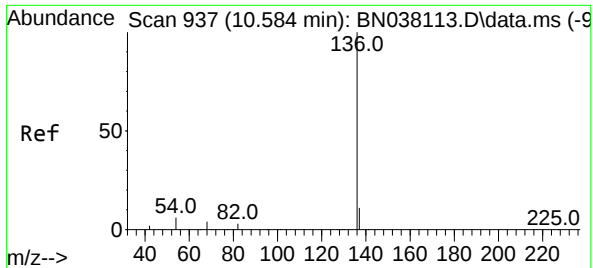
Tgt Ion:112 Resp: 206
Ion Ratio Lower Upper
112 100
64 56.3 45.4 68.0
63 34.5 23.2 34.8



#5
Phenol-d6
Concen: 0.010 ng
RT: 6.944 min Scan# 535
Delta R.T. 0.007 min
Lab File: BN038170.D
Acq: 08 Nov 2025 01:20

Tgt Ion: 99 Resp: 228
Ion Ratio Lower Upper
99 100
42 44.3 16.6 24.8#
71 45.6 25.4 38.2#

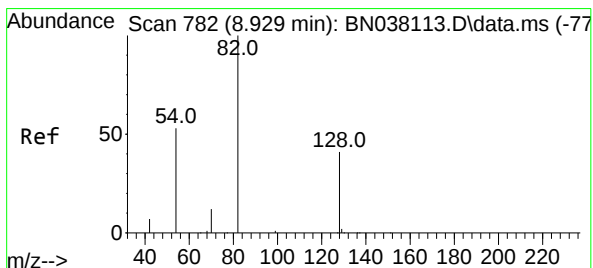
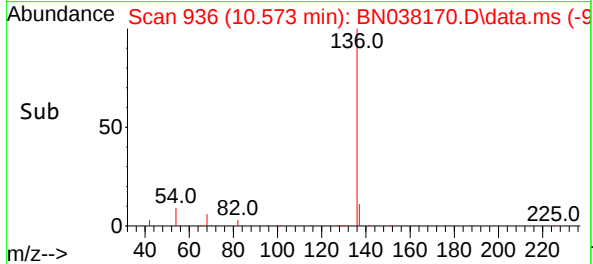
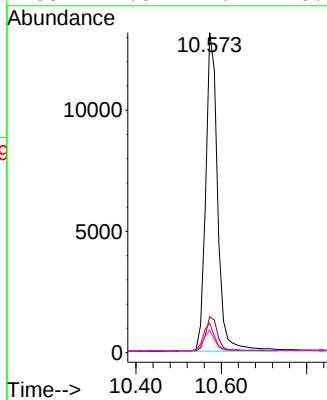
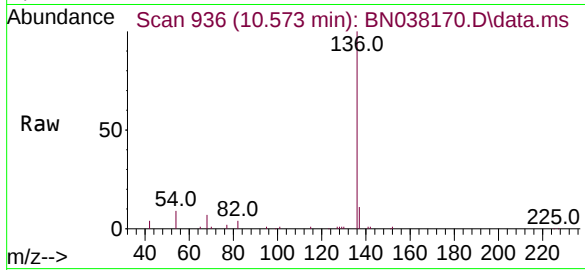




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 936
Delta R.T. -0.000 min
Lab File: BN038170.D
Acq: 08 Nov 2025 01:20

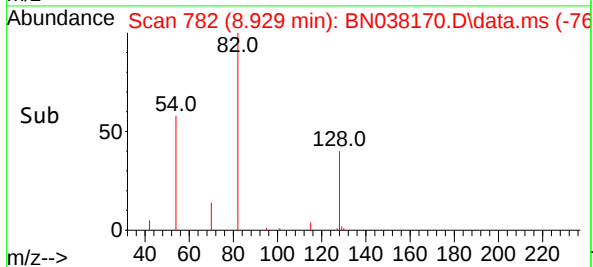
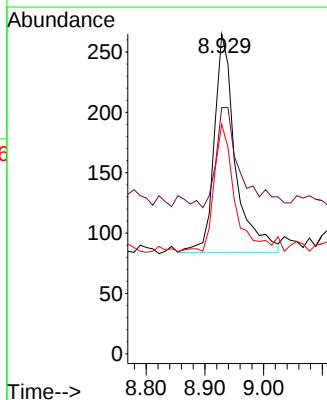
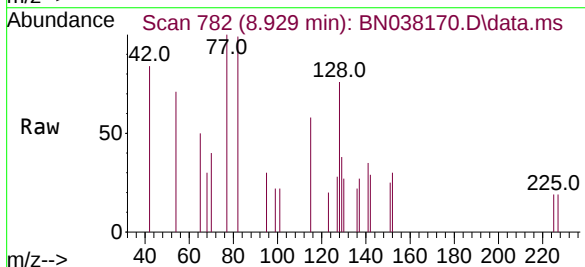
Instrument :
BNA_N
ClientSampleId :
MW-1DL

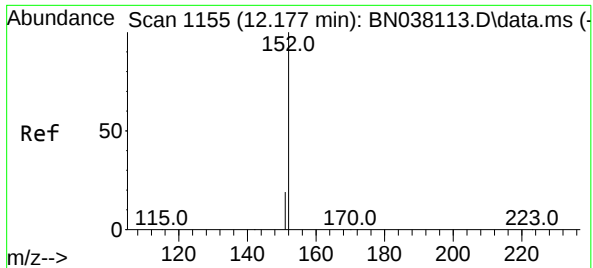
Tgt Ion:	136	Resp:	25457
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.0	13.4
54	9.2	5.2	7.8#
68	7.0	4.1	6.1#



#8
Nitrobenzene-d5
Concen: 0.022 ng
RT: 8.929 min Scan# 782
Delta R.T. -0.000 min
Lab File: BN038170.D
Acq: 08 Nov 2025 01:20

Tgt Ion:	82	Resp:	456
Ion Ratio	Lower	Upper	
82	100		
128	77.0	34.1	51.1#
54	71.7	43.5	65.3#

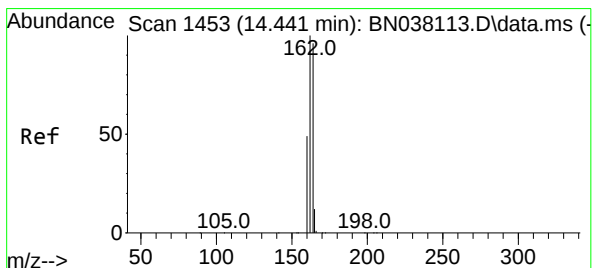
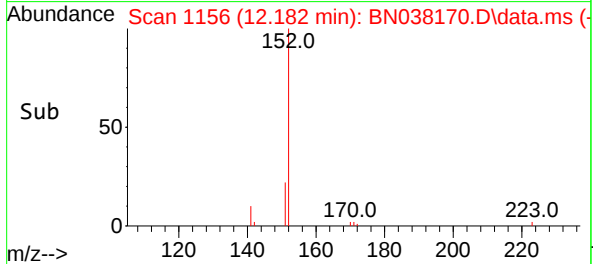
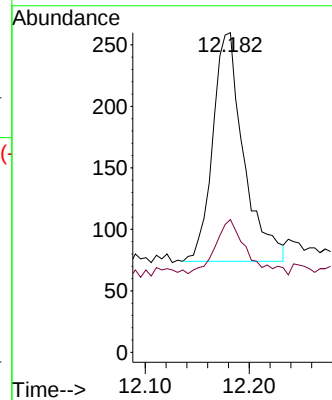
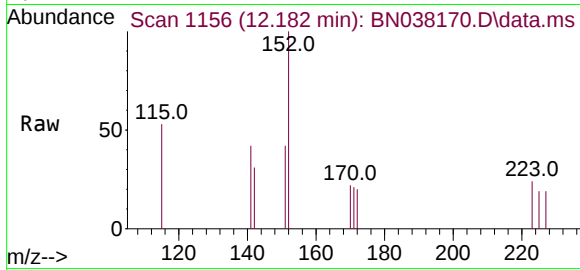




#11
2-Methylnaphthalene-d10
Concen: 0.011 ng
RT: 12.182 min Scan# 1156
Delta R.T. 0.005 min
Lab File: BN038170.D
Acq: 08 Nov 2025 01:20

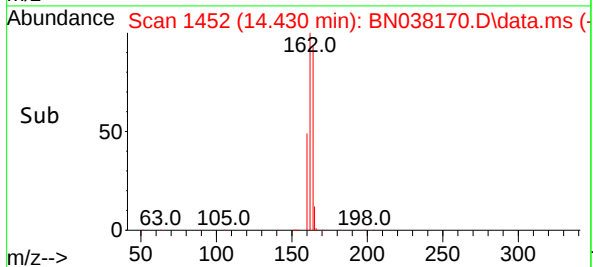
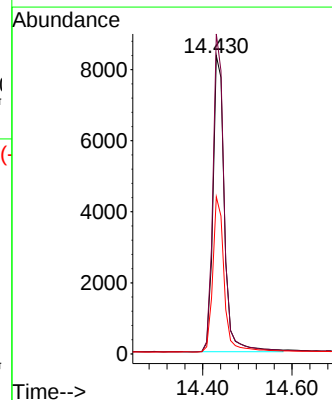
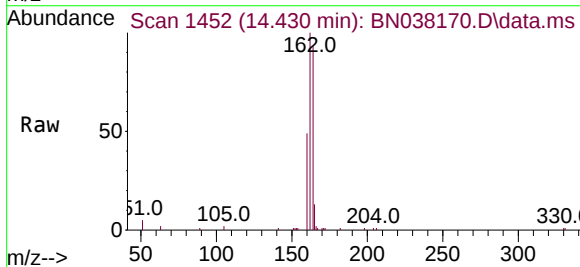
Instrument :
BNA_N
ClientSampleId :
MW-1DL

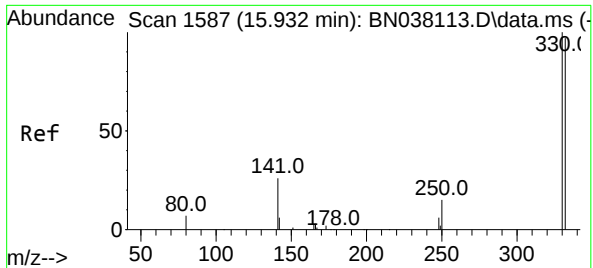
Tgt Ion:152 Resp: 385
Ion Ratio Lower Upper
152 100
151 25.5 16.8 25.2#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BN038170.D
Acq: 08 Nov 2025 01:20

Tgt Ion:164 Resp: 14977
Ion Ratio Lower Upper
164 100
162 107.3 83.0 124.4
160 52.7 40.7 61.1

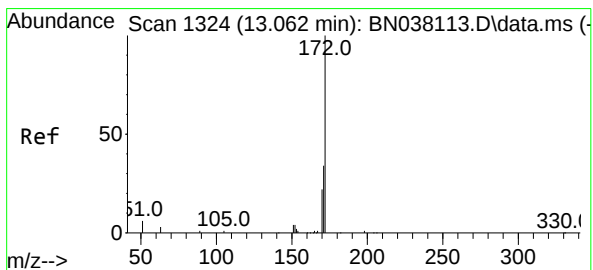
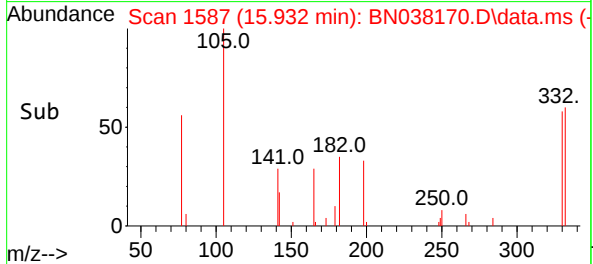
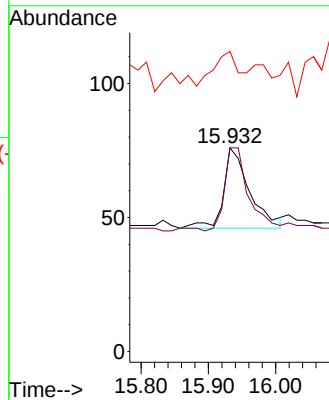
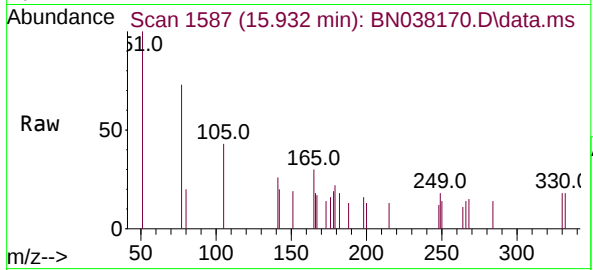




#14
2,4,6-Tribromophenol
Concen: 0.013 ng
RT: 15.932 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BN038170.D
Acq: 08 Nov 2025 01:20

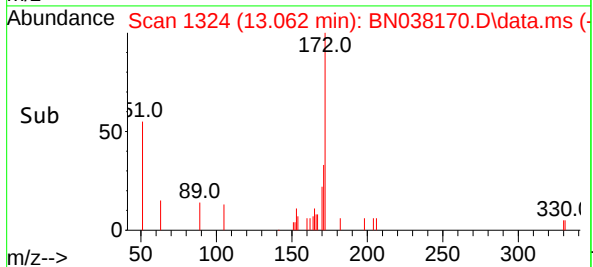
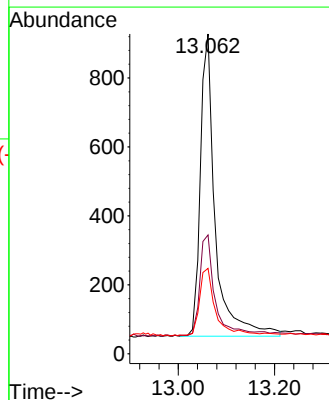
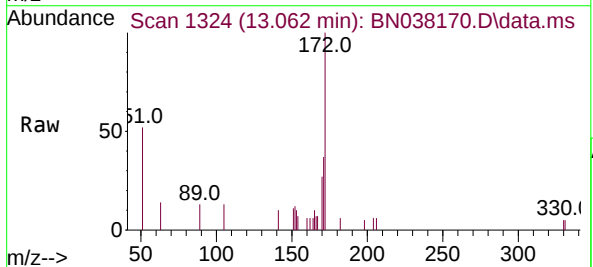
Instrument :
BNA_N
ClientSampleId :
MW-1DL

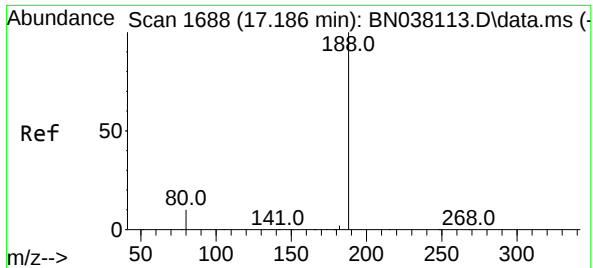
Tgt Ion:330 Resp: 81
Ion Ratio Lower Upper
330 100
332 104.9 76.6 114.8
141 40.7 34.1 51.1



#15
2-Fluorobiphenyl
Concen: 0.031 ng
RT: 13.062 min Scan# 1324
Delta R.T. 0.011 min
Lab File: BN038170.D
Acq: 08 Nov 2025 01:20

Tgt Ion:172 Resp: 1835
Ion Ratio Lower Upper
172 100
171 37.2 27.8 41.6
170 26.7 18.1 27.1

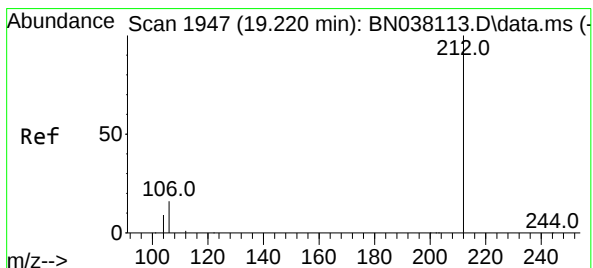
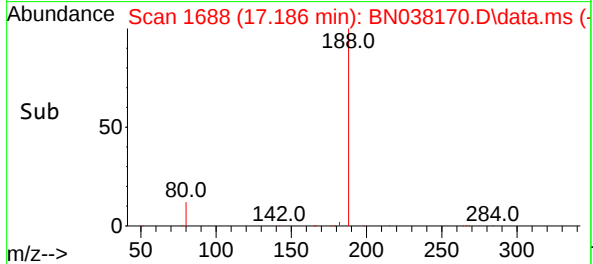
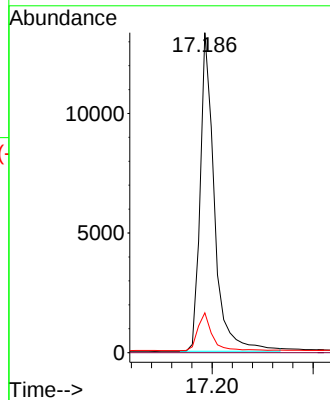
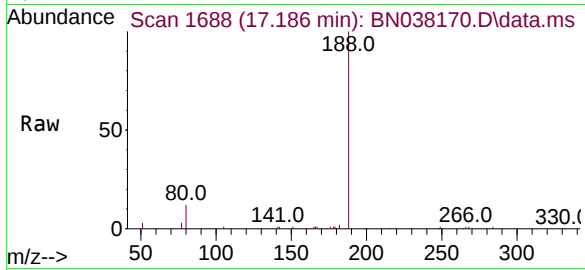




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1688
Delta R.T. -0.000 min
Lab File: BN038170.D
Acq: 08 Nov 2025 01:20

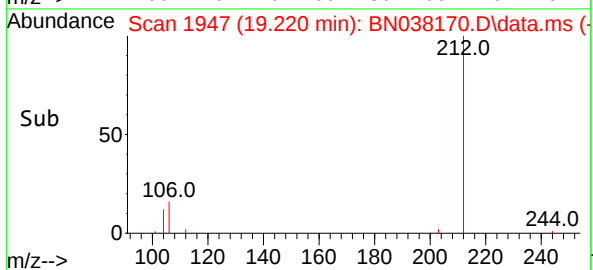
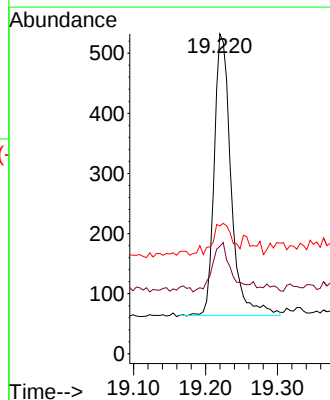
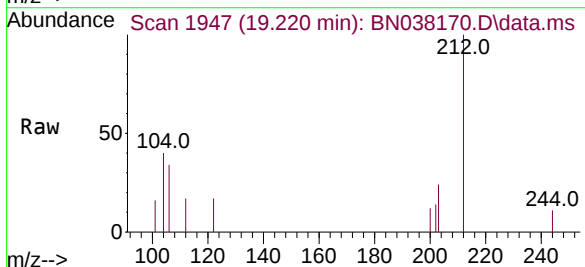
Instrument :
BNA_N
ClientSampleId :
MW-1DL

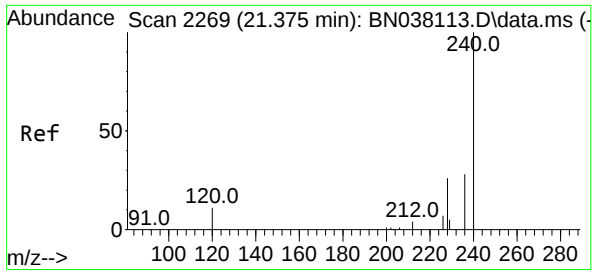
Tgt Ion:	188	Resp:	25954
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	12.4	8.6	13.0



#27
Fluoranthene-d10
Concen: 0.012 ng
RT: 19.220 min Scan# 1947
Delta R.T. -0.000 min
Lab File: BN038170.D
Acq: 08 Nov 2025 01:20

Tgt Ion:	212	Resp:	761
Ion Ratio	Lower	Upper	
212	100		
106	18.9	12.6	19.0
104	12.2	7.1	10.7

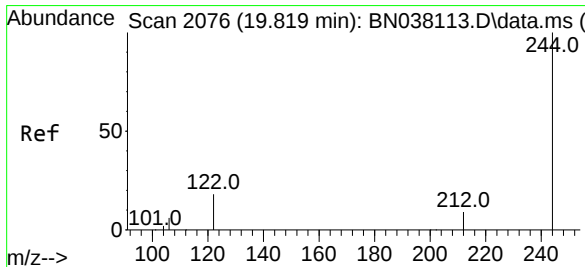
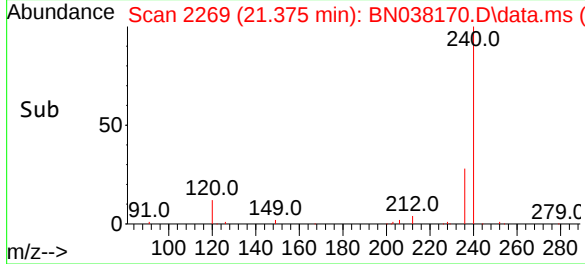
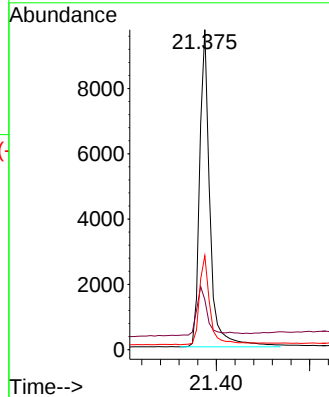
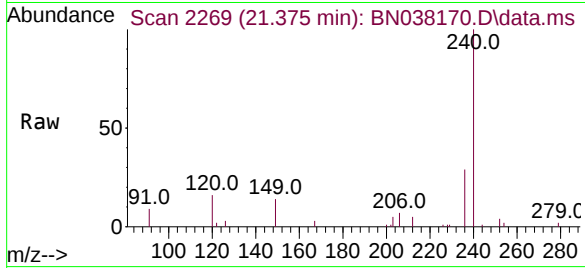




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.375 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN038170.D
Acq: 08 Nov 2025 01:20

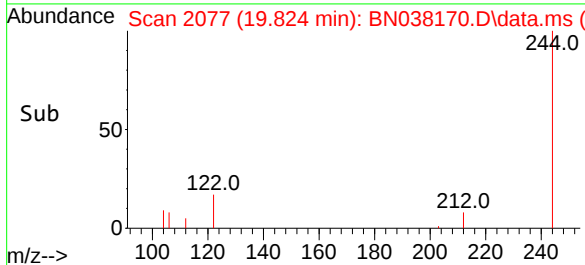
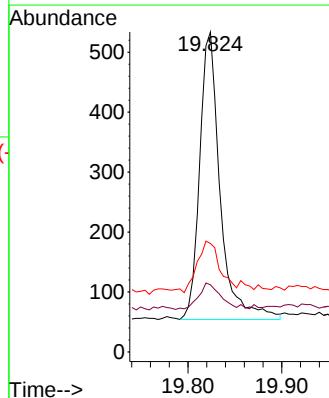
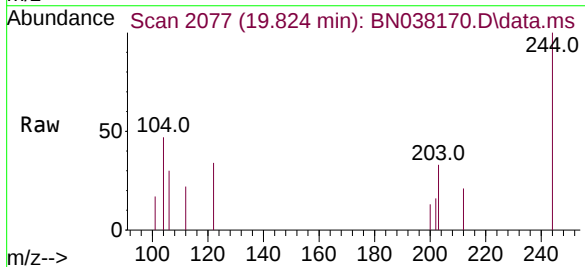
Instrument :
BNA_N
ClientSampleId :
MW-1DL

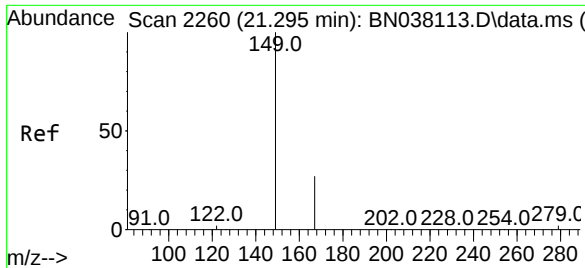
Tgt Ion:240 Resp: 14825
Ion Ratio Lower Upper
240 100
120 15.6 10.7 16.1
236 29.4 23.1 34.7



#31
Terphenyl-d14
Concen: 0.023 ng
RT: 19.824 min Scan# 2077
Delta R.T. 0.005 min
Lab File: BN038170.D
Acq: 08 Nov 2025 01:20

Tgt Ion:244 Resp: 728
Ion Ratio Lower Upper
244 100
212 21.0 7.8 11.6#
122 33.9 15.2 22.8#

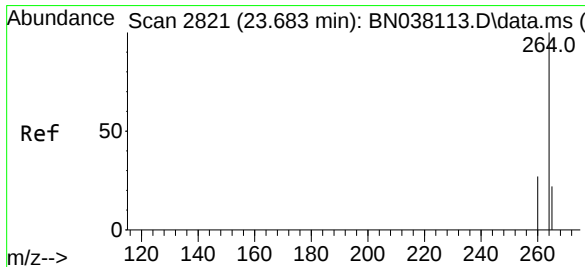
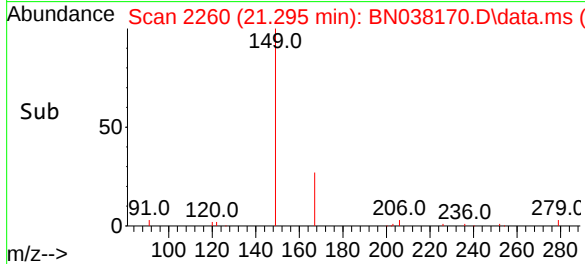
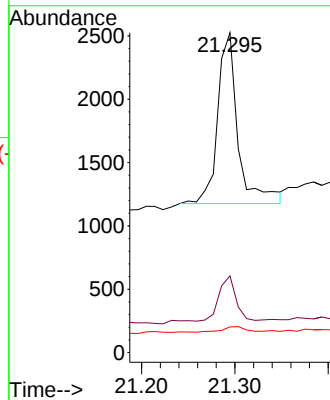
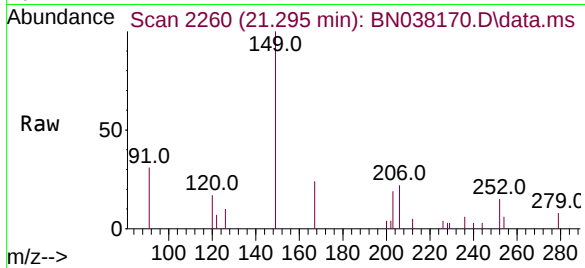




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.073 ng
 RT: 21.295 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN038170.D
 Acq: 08 Nov 2025 01:20

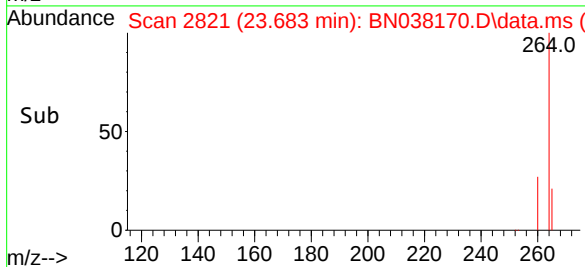
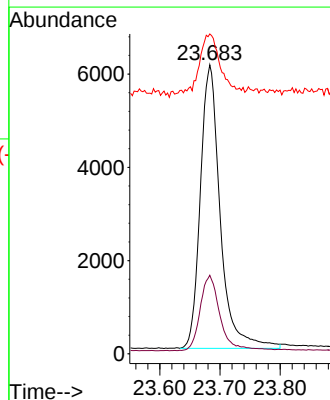
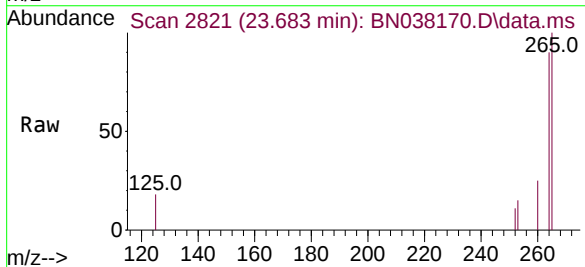
Instrument :
 BNA_N
 ClientSampleId :
 MW-1DL

Tgt Ion:149 Resp: 2038
 Ion Ratio Lower Upper
 149 100
 167 22.3 21.1 31.7
 279 3.6 2.9 4.3



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.683 min Scan# 2821
 Delta R.T. 0.003 min
 Lab File: BN038170.D
 Acq: 08 Nov 2025 01:20

Tgt Ion:264 Resp: 13976
 Ion Ratio Lower Upper
 264 100
 260 27.2 21.8 32.8
 265 110.7 68.6 102.8#



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110725\
 Data File : BN038151.D
 Acq On : 07 Nov 2025 12:04
 Operator : RC/JU
 Sample : Q3534-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-11

Quant Time: Nov 07 12:27:37 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 29 13:09:46 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

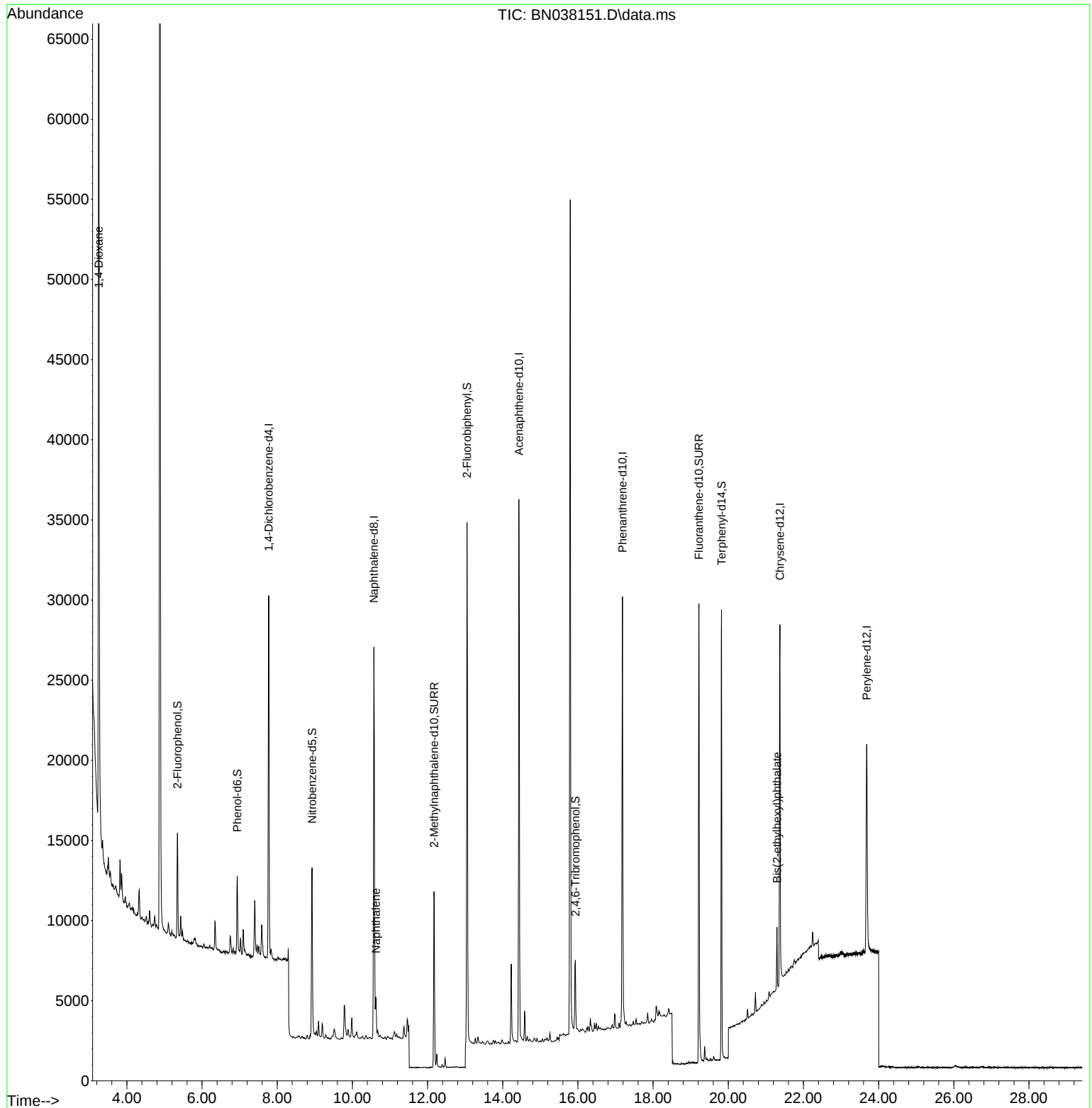
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	11126	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	33175	0.400	ng	# 0.00
13) Acenaphthene-d10	14.430	164	19180	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	36543	0.400	ng	0.00
29) Chrysene-d12	21.375	240	22615	0.400	ng	0.00
35) Perylene-d12	23.683	264	19271	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	5309	0.203	ng	0.00
5) Phenol-d6	6.937	99	4698	0.147	ng	0.00
8) Nitrobenzene-d5	8.929	82	9443	0.353	ng	0.00
11) 2-Methylnaphthalene-d10	12.172	152	15411	0.325	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	2834	0.359	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	28051	0.365	ng	0.00
27) Fluoranthene-d10	19.220	212	32559	0.353	ng	0.00
31) Terphenyl-d14	19.819	244	27148	0.553	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.254	88	58744	5.110	ng	98
9) Naphthalene	10.626	128	3348	0.037	ng	# 90
34) Bis(2-ethylhexyl)phtha...	21.295	149	3628	0.085	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

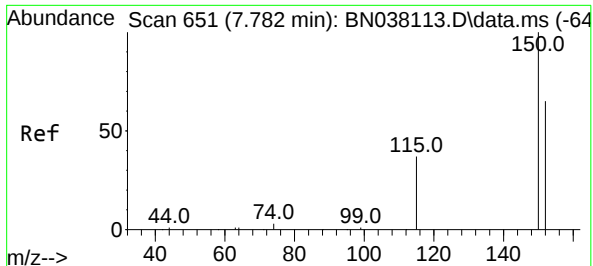
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Data File : BN038151.D
Acq On : 07 Nov 2025 12:04
Operator : RC/JU
Sample : Q3534-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-11

Quant Time: Nov 07 12:27:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration

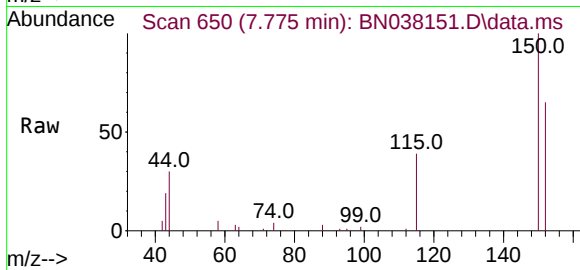


A
B
C
D
E
F
G
H
I
J
K

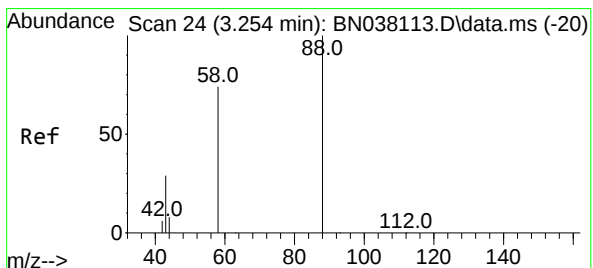
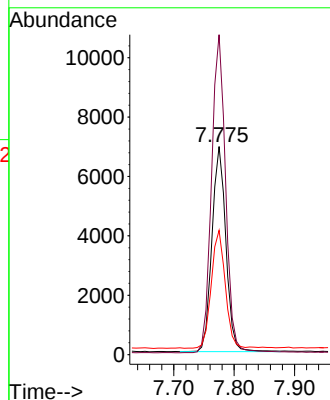
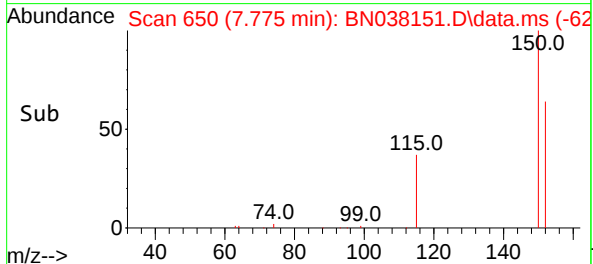


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.775 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN038151.D
Acq: 07 Nov 2025 12:04

Instrument :
BNA_N
ClientSampleId :
MW-11

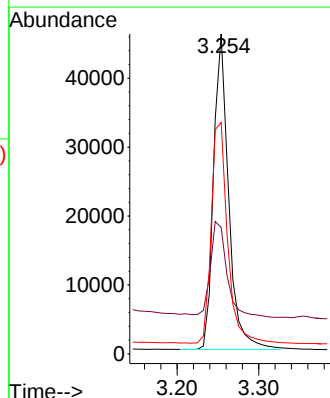
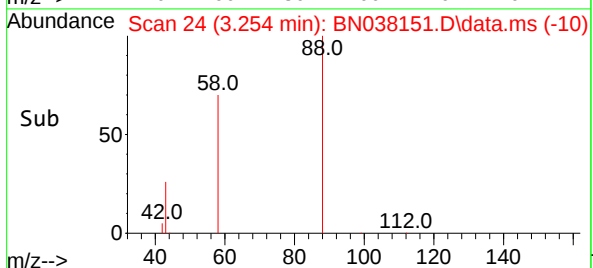
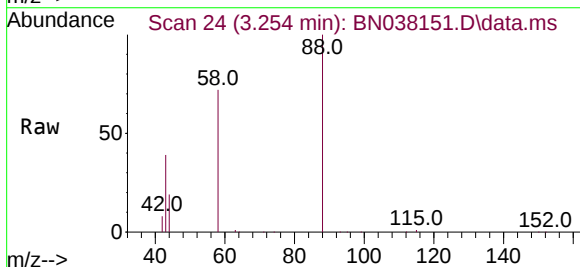


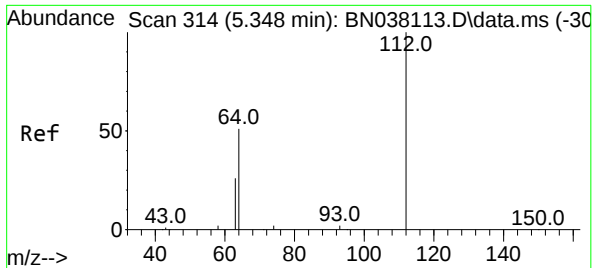
Tgt Ion:152 Resp: 11126
Ion Ratio Lower Upper
152 100
150 153.7 122.3 183.5
115 59.7 47.4 71.0



#2
1,4-Dioxane
Concen: 5.110 ng
RT: 3.254 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN038151.D
Acq: 07 Nov 2025 12:04

Tgt Ion: 88 Resp: 58744
Ion Ratio Lower Upper
88 100
43 33.5 24.3 36.5
58 75.7 60.4 90.6

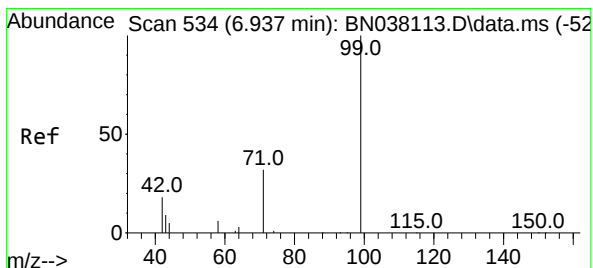
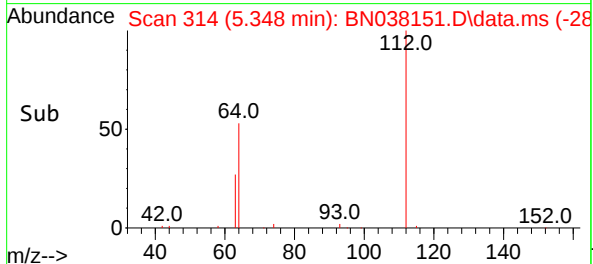
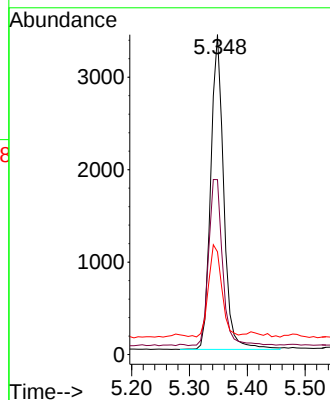
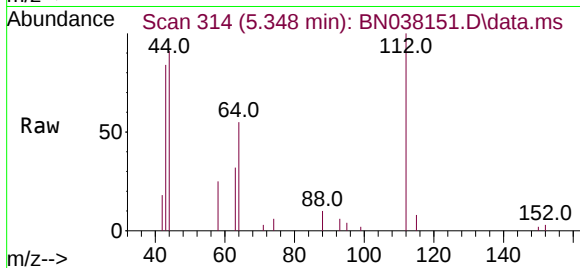




#4
2-Fluorophenol
Concen: 0.203 ng
RT: 5.348 min Scan# 314
Delta R.T. 0.000 min
Lab File: BN038151.D
Acq: 07 Nov 2025 12:04

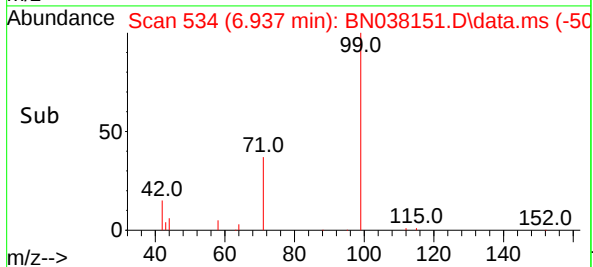
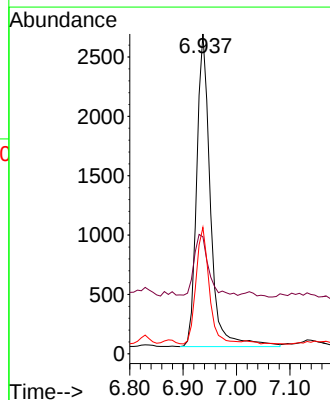
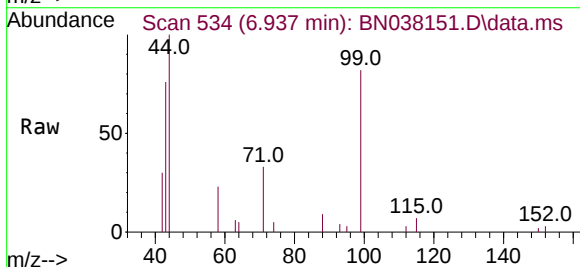
Instrument :
BNA_N
ClientSampleId :
MW-11

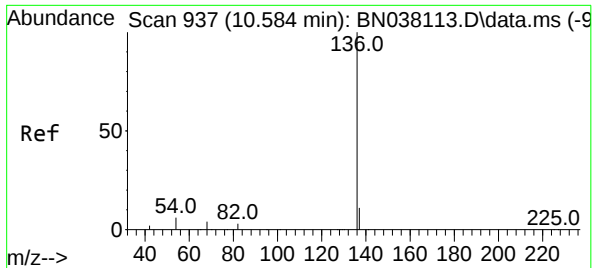
Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.8	45.4	68.0
63	30.7	23.2	34.8



#5
Phenol-d6
Concen: 0.147 ng
RT: 6.937 min Scan# 534
Delta R.T. 0.000 min
Lab File: BN038151.D
Acq: 07 Nov 2025 12:04

Tgt Ion	Ratio	Lower	Upper
99	100		
42	20.3	16.6	24.8
71	35.9	25.4	38.2

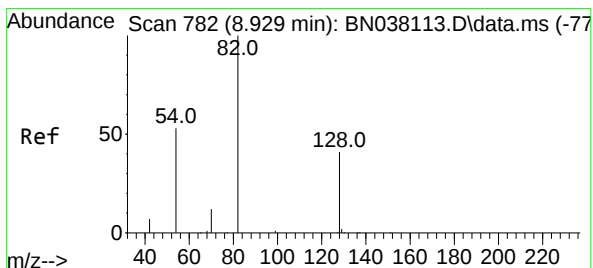
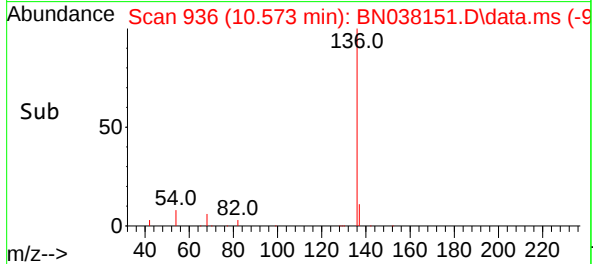
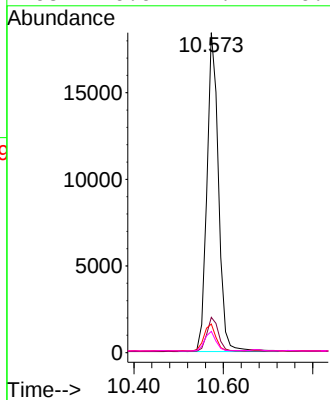
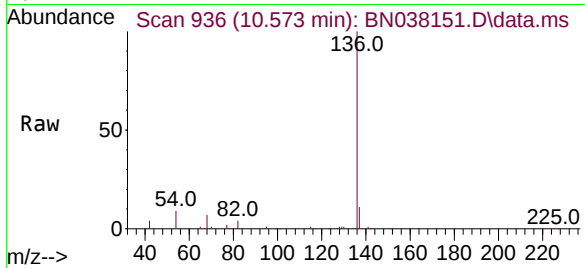




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 937
Delta R.T. -0.000 min
Lab File: BN038151.D
Acq: 07 Nov 2025 12:04

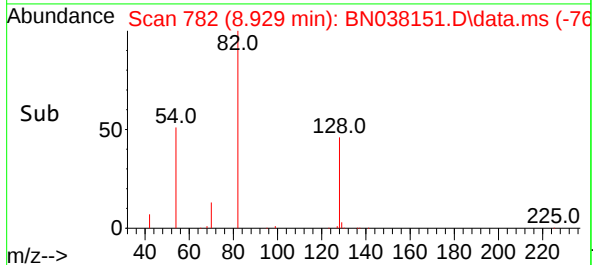
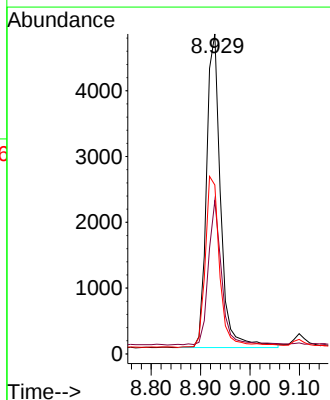
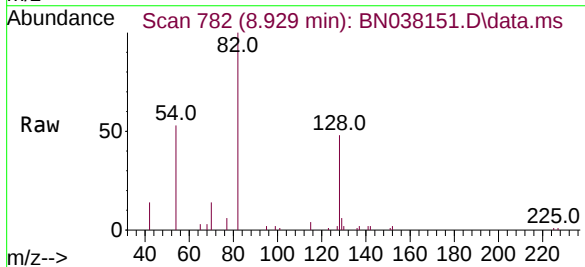
Instrument :
BNA_N
ClientSampleId :
MW-11

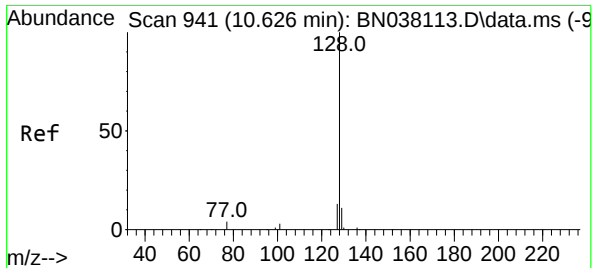
Tgt Ion:	136	Resp:	33175
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	8.9	5.2	7.8#
68	6.6	4.1	6.1#



#8
Nitrobenzene-d5
Concen: 0.353 ng
RT: 8.929 min Scan# 782
Delta R.T. 0.000 min
Lab File: BN038151.D
Acq: 07 Nov 2025 12:04

Tgt Ion:	82	Resp:	9443
Ion	Ratio	Lower	Upper
82	100		
128	47.9	34.1	51.1
54	52.8	43.5	65.3

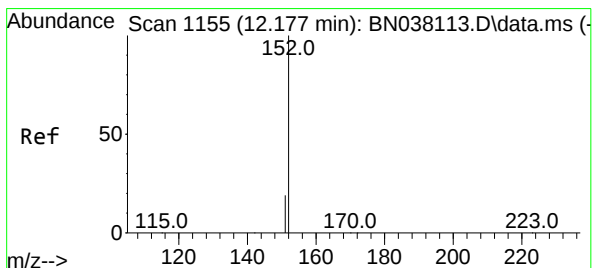
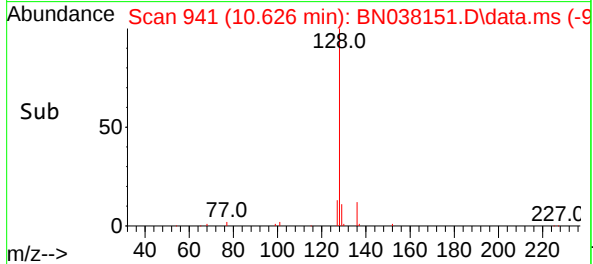
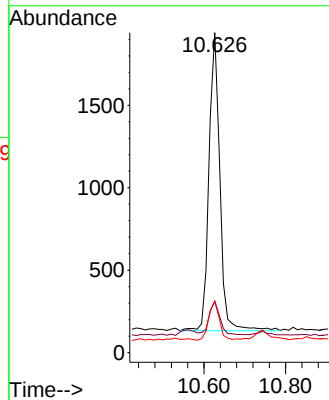
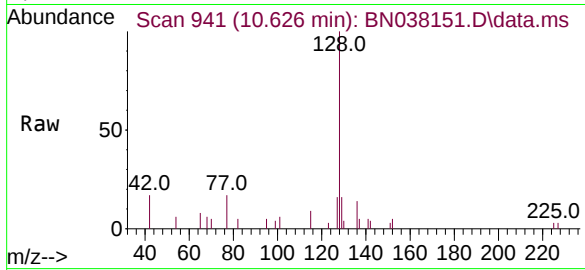




#9
Naphthalene
Concen: 0.037 ng
RT: 10.626 min Scan# 941
Delta R.T. -0.000 min
Lab File: BN038151.D
Acq: 07 Nov 2025 12:04

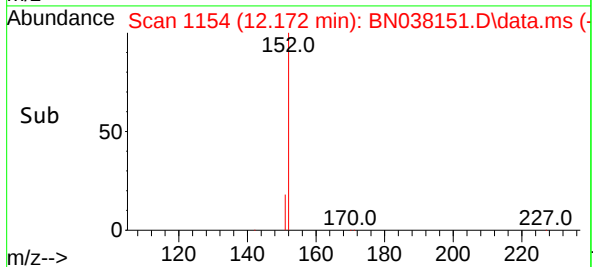
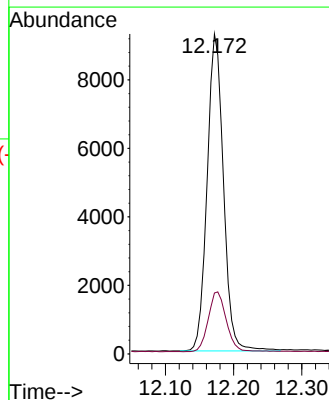
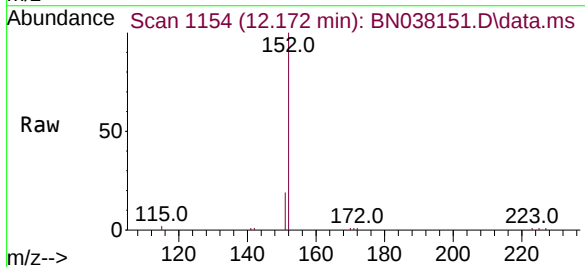
Instrument :
BNA_N
ClientSampleId :
MW-11

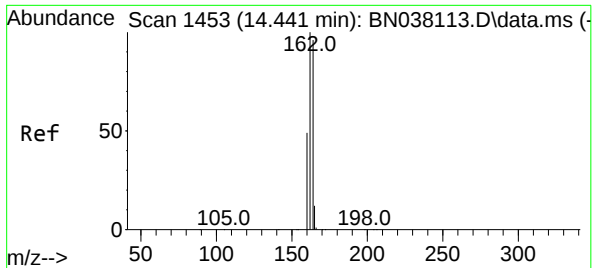
Tgt Ion	Ratio	Lower	Upper
128	100		
129	16.1	9.1	13.7#
127	15.9	10.5	15.7#



#11
2-Methylnaphthalene-d10
Concen: 0.325 ng
RT: 12.172 min Scan# 1154
Delta R.T. -0.005 min
Lab File: BN038151.D
Acq: 07 Nov 2025 12:04

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.8	25.2

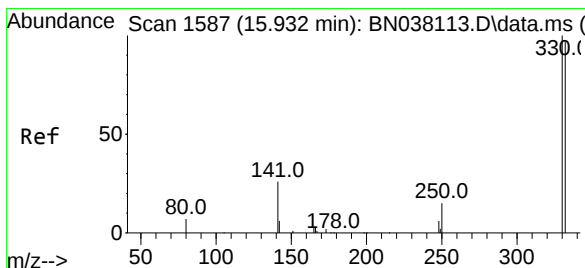
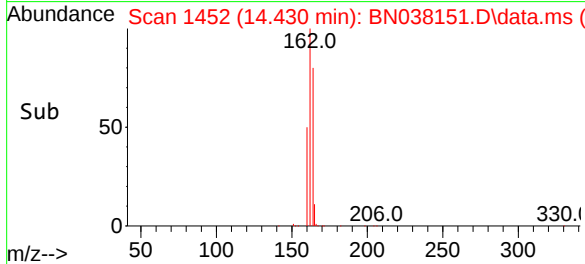
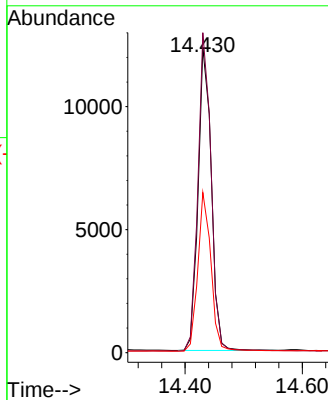
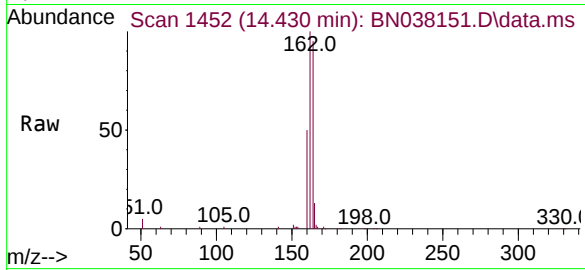




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 1453
Delta R.T. -0.000 min
Lab File: BN038151.D
Acq: 07 Nov 2025 12:04

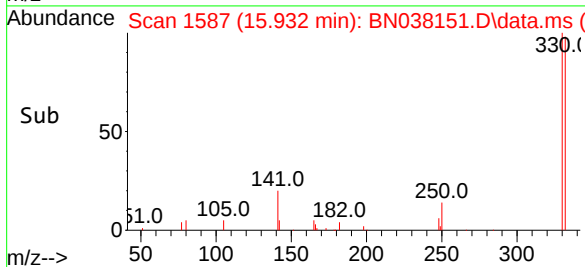
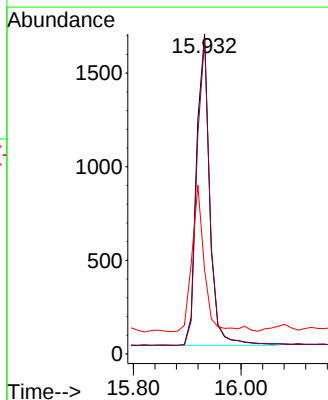
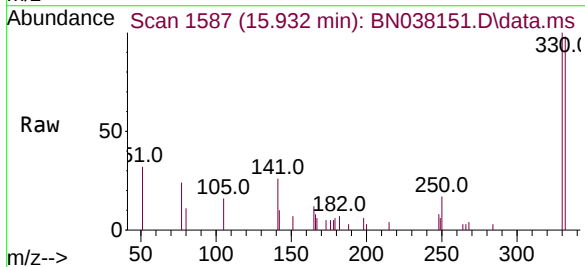
Instrument :
BNA_N
ClientSampleId :
MW-11

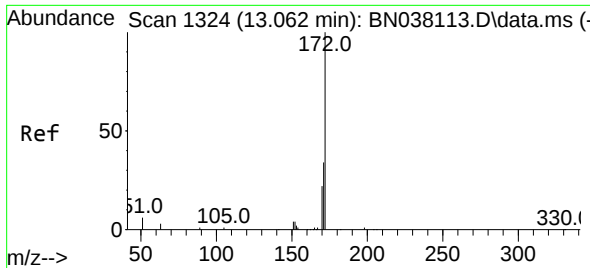
Tgt Ion:164 Resp: 19180
Ion Ratio Lower Upper
164 100
162 105.0 83.0 124.4
160 52.5 40.7 61.1



#14
2,4,6-Tribromophenol
Concen: 0.359 ng
RT: 15.932 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BN038151.D
Acq: 07 Nov 2025 12:04

Tgt Ion:330 Resp: 2834
Ion Ratio Lower Upper
330 100
332 97.9 76.6 114.8
141 43.6 34.1 51.1

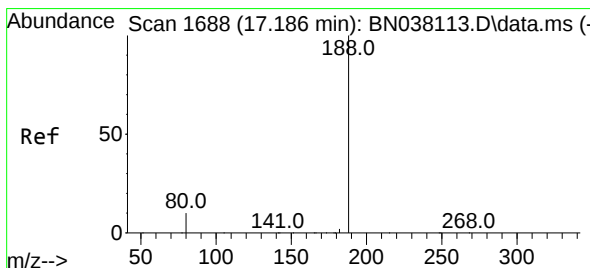
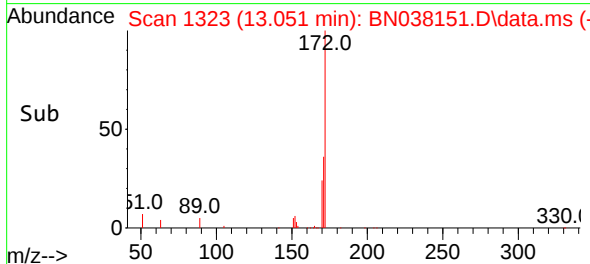
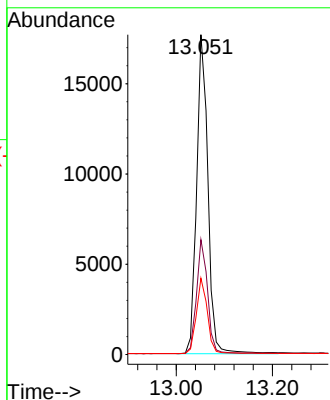
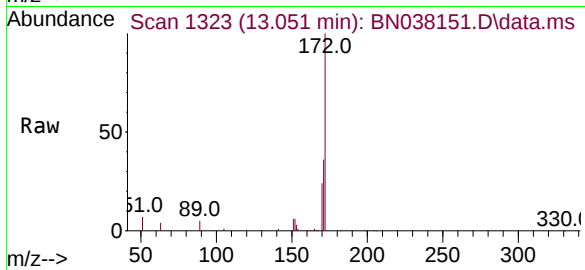




#15
2-Fluorobiphenyl
Concen: 0.365 ng
RT: 13.051 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BN038151.D
Acq: 07 Nov 2025 12:04

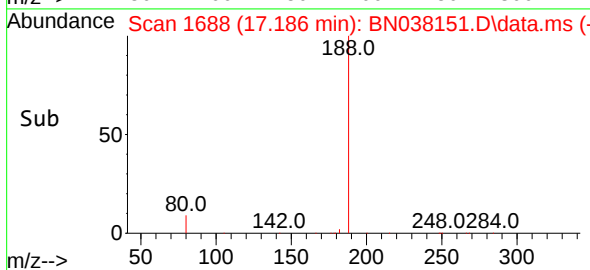
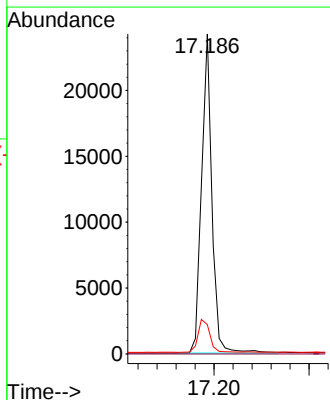
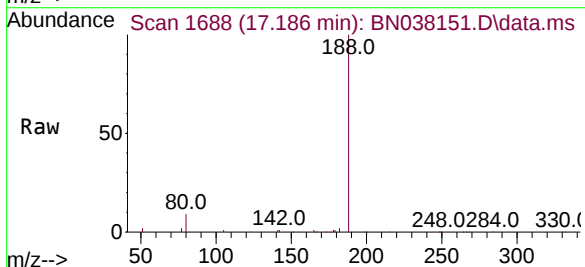
Instrument :
BNA_N
ClientSampleId :
MW-11

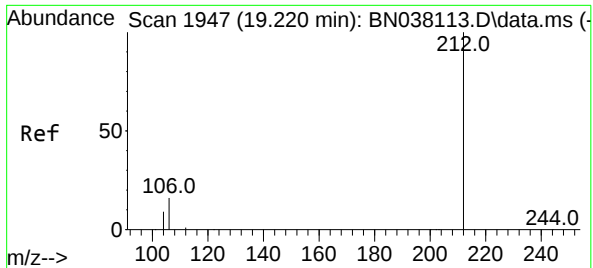
Tgt Ion:	172	Resp:	28051
Ion Ratio	Lower	Upper	
172	100		
171	35.9	27.8	41.6
170	23.9	18.1	27.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1688
Delta R.T. -0.000 min
Lab File: BN038151.D
Acq: 07 Nov 2025 12:04

Tgt Ion:	188	Resp:	36543
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	9.1	8.6	13.0





#27

Fluoranthene-d10

Concen: 0.353 ng

RT: 19.220 min Scan# 1947

Delta R.T. -0.000 min

Lab File: BN038151.D

Acq: 07 Nov 2025 12:04

Instrument :

BNA_N

ClientSampleId :

MW-11

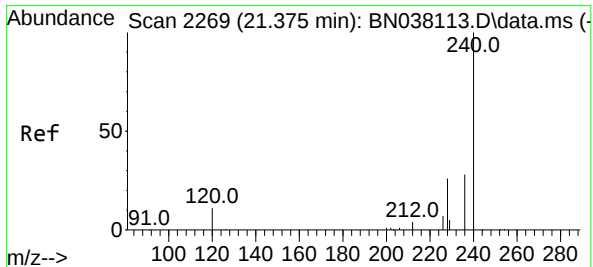
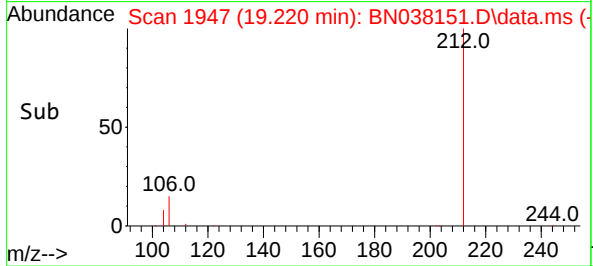
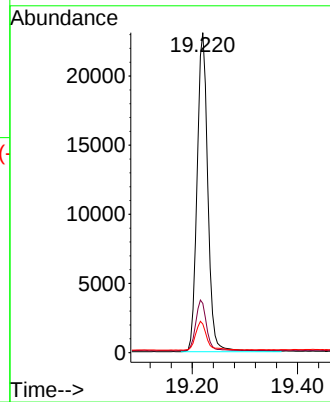
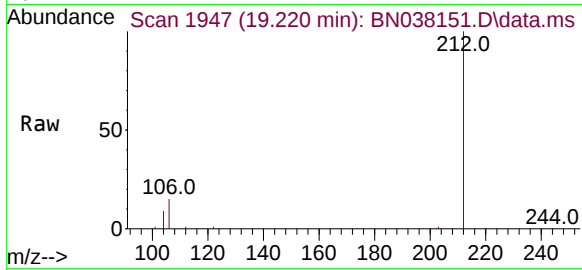
Tgt Ion:212 Resp: 32559

Ion Ratio Lower Upper

212 100

106 16.0 12.6 19.0

104 9.4 7.1 10.7



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.375 min Scan# 2269

Delta R.T. -0.000 min

Lab File: BN038151.D

Acq: 07 Nov 2025 12:04

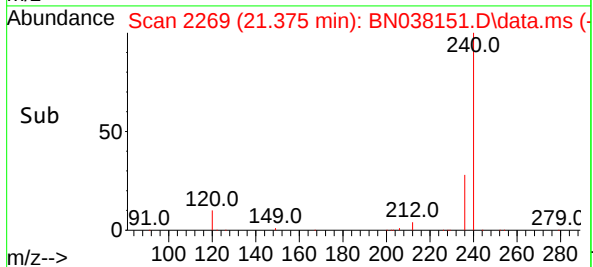
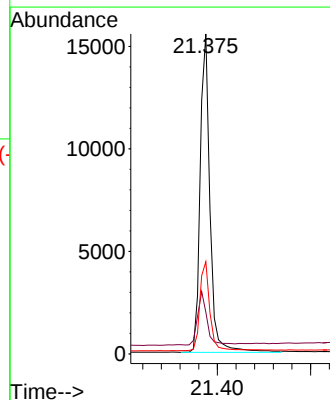
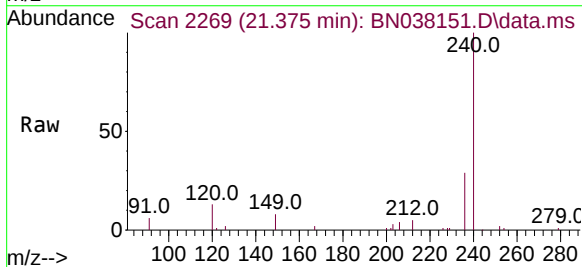
Tgt Ion:240 Resp: 22615

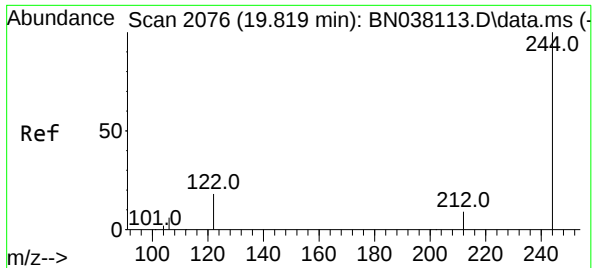
Ion Ratio Lower Upper

240 100

120 13.0 10.7 16.1

236 28.8 23.1 34.7

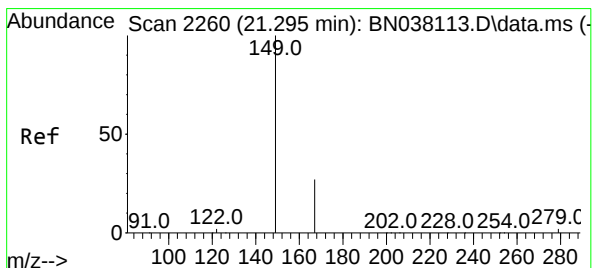
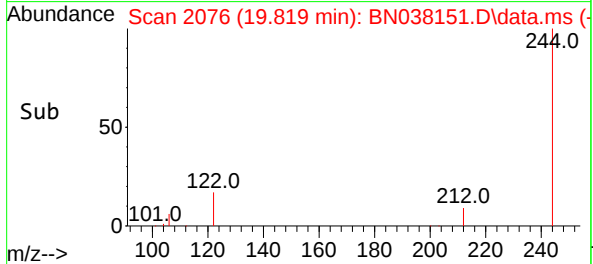
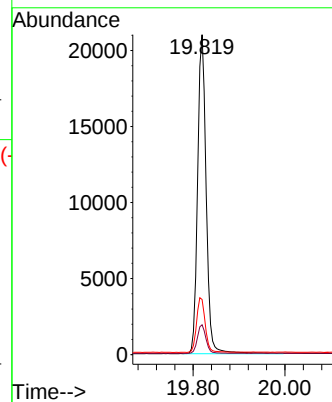
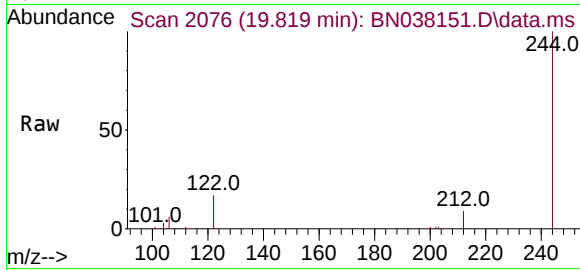




#31
Terphenyl-d14
Concen: 0.553 ng
RT: 19.819 min Scan# 2076
Delta R.T. 0.000 min
Lab File: BN038151.D
Acq: 07 Nov 2025 12:04

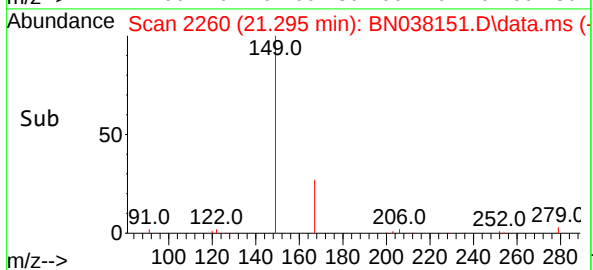
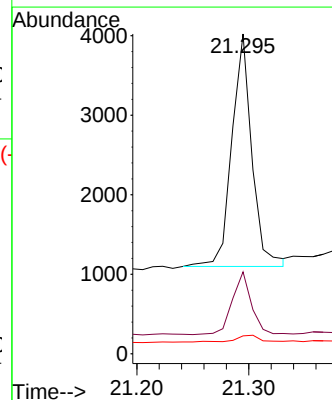
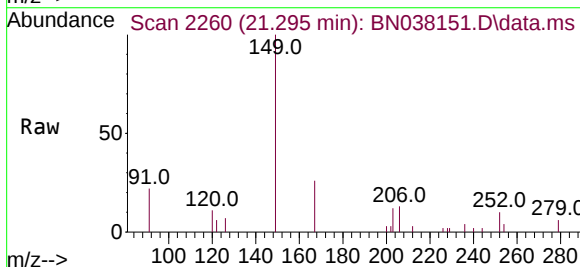
Instrument :
BNA_N
ClientSampleId :
MW-11

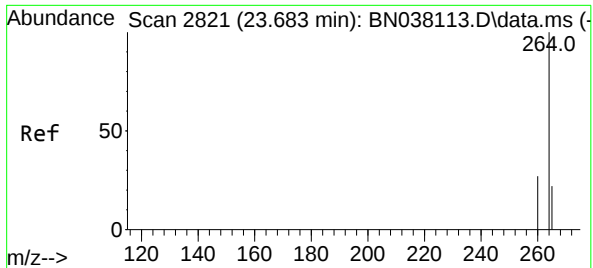
Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.8	11.6
122	17.2	15.2	22.8



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.085 ng
RT: 21.295 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BN038151.D
Acq: 07 Nov 2025 12:04

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.9	21.1	31.7
279	3.5	2.9	4.3





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.683 min Scan# 2821

Delta R.T. 0.003 min

Lab File: BN038151.D

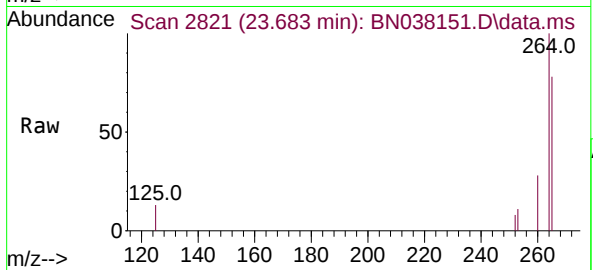
Acq: 07 Nov 2025 12:04

Instrument :

BNA_N

ClientSampleId :

MW-11



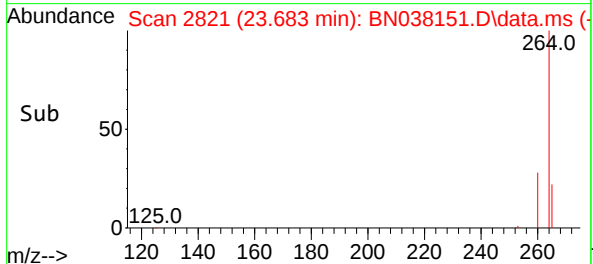
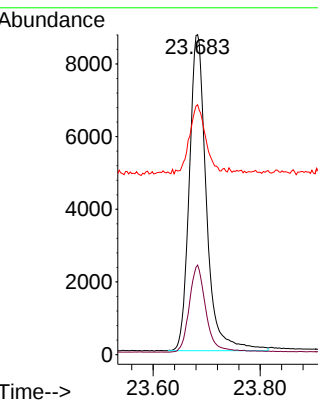
Tgt Ion:264 Resp: 19271

Ion	Ratio	Lower	Upper
-----	-------	-------	-------

264	100		
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260	28.0	21.8	32.8
-----	------	------	------

265	78.1	68.6	102.8
-----	------	------	-------



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110725\
 Data File : BN038171.D
 Acq On : 08 Nov 2025 01:57
 Operator : RC/JU
 Sample : Q3534-03DL 2X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-11DL

A
B
C
D
E
F
G
H
I
J
K

Quant Time: Nov 08 03:29:20 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 29 13:09:46 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

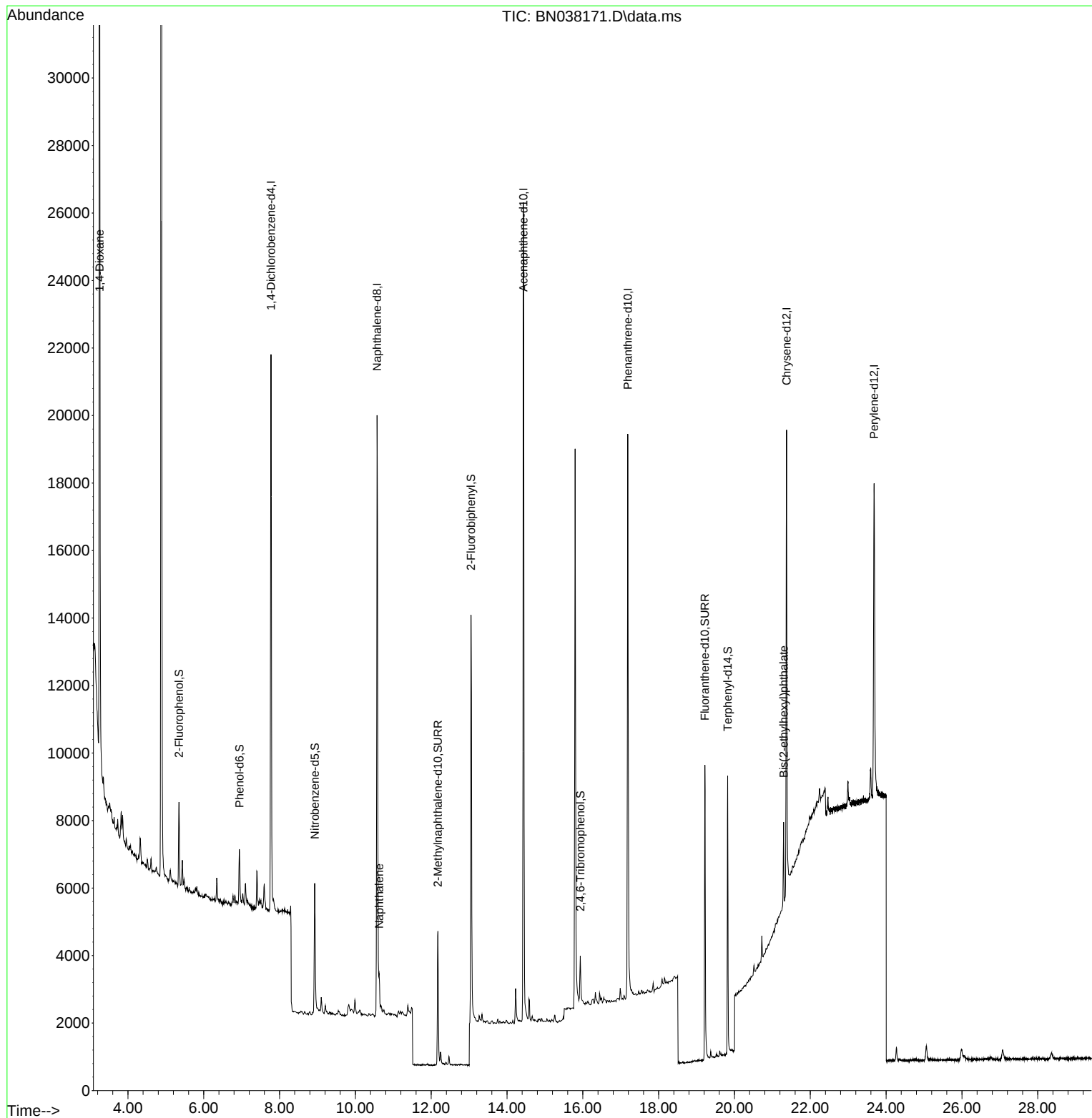
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	8387	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	25419	0.400	ng	# 0.00
13) Acenaphthene-d10	14.430	164	14582	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	24478	0.400	ng	0.00
29) Chrysene-d12	21.375	240	14041	0.400	ng	0.00
35) Perylene-d12	23.683	264	14209	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	2074	0.105	ng	0.00
5) Phenol-d6	6.944	99	1824	0.076	ng	0.00
8) Nitrobenzene-d5	8.929	82	3691	0.180	ng	0.00
11) 2-Methylnaphthalene-d10	12.177	152	6095	0.168	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	895	0.149	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	11835	0.203	ng	0.00
27) Fluoranthene-d10	19.220	212	10115	0.164	ng	0.00
31) Terphenyl-d14	19.819	244	8217	0.269	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.254	88	23816	2.748	ng	98
9) Naphthalene	10.626	128	1438	0.021	ng	# 79
34) Bis(2-ethylhexyl)phtha...	21.295	149	2343	0.089	ng	# 95

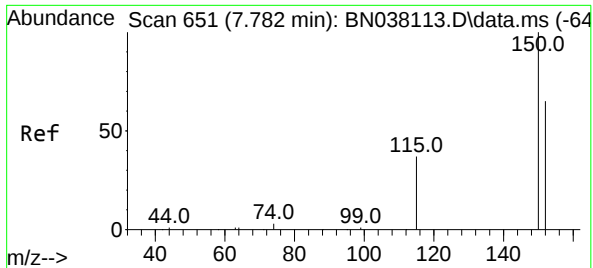
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110725\
Data File : BN038171.D
Acq On : 08 Nov 2025 01:57
Operator : RC/JU
Sample : Q3534-03DL 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-11DL

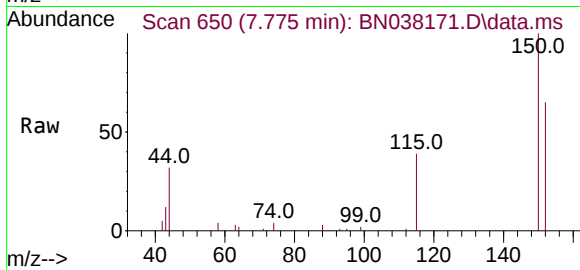
Quant Time: Nov 08 03:29:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration



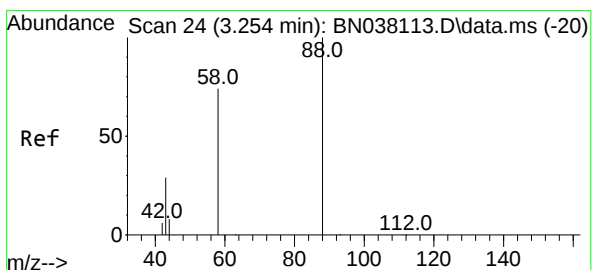
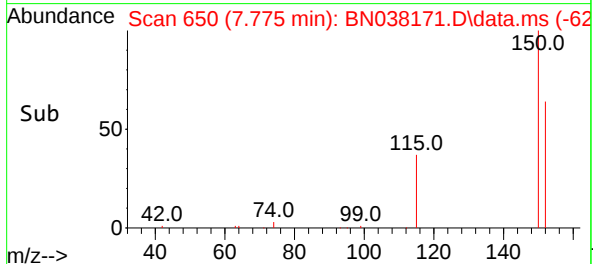
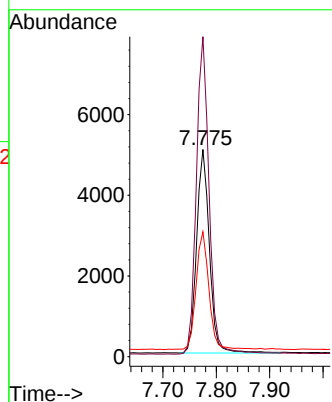


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.775 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN038171.D
Acq: 08 Nov 2025 01:57

Instrument :
BNA_N
ClientSampleId :
MW-11DL

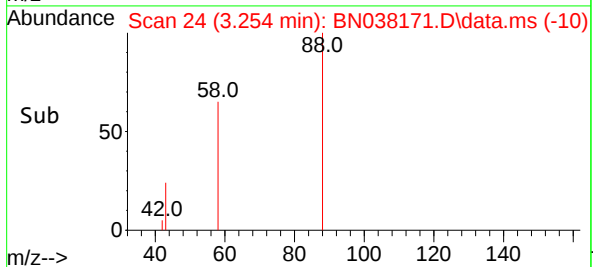
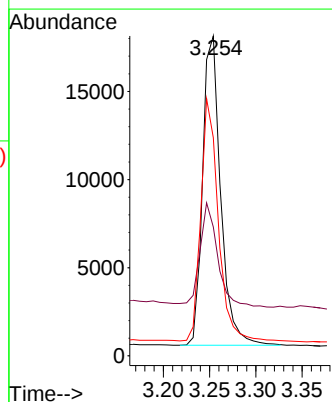
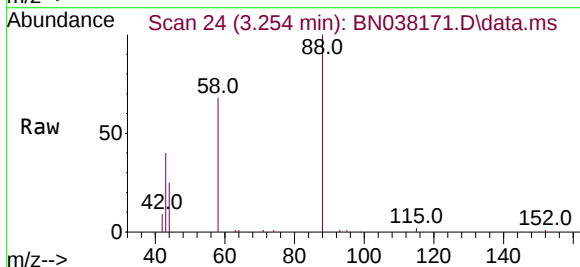


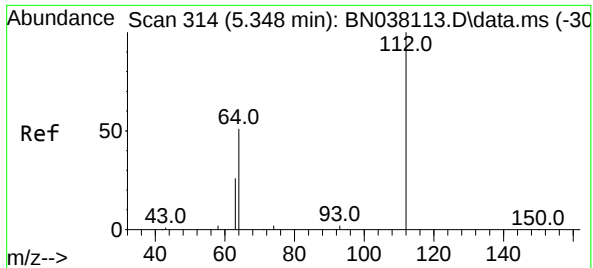
Tgt Ion:152 Resp: 8387
Ion Ratio Lower Upper
152 100
150 154.5 122.3 183.5
115 60.3 47.4 71.0



#2
1,4-Dioxane
Concen: 2.748 ng
RT: 3.254 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN038171.D
Acq: 08 Nov 2025 01:57

Tgt Ion: 88 Resp: 23816
Ion Ratio Lower Upper
88 100
43 33.3 24.3 36.5
58 75.4 60.4 90.6

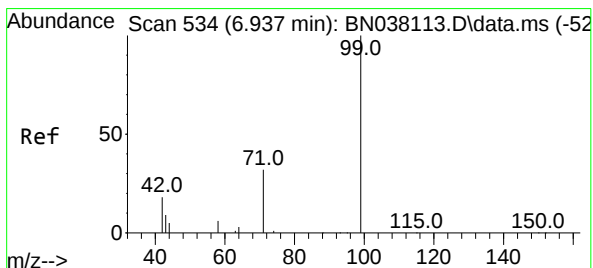
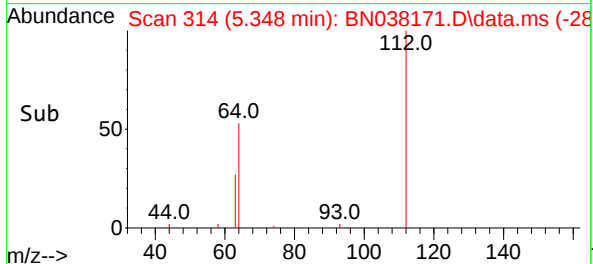
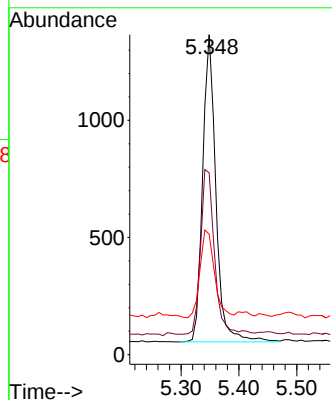
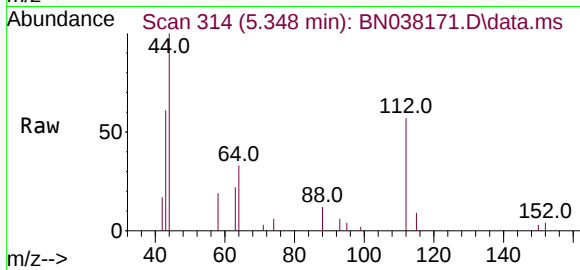




#4
2-Fluorophenol
Concen: 0.105 ng
RT: 5.348 min Scan# 314
Delta R.T. 0.000 min
Lab File: BN038171.D
Acq: 08 Nov 2025 01:57

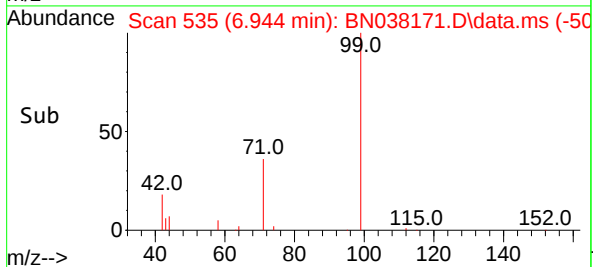
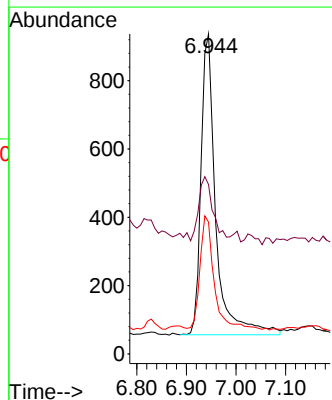
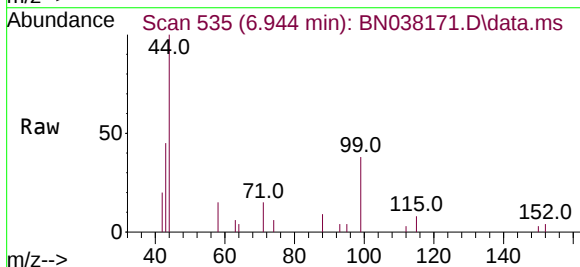
Instrument :
BNA_N
ClientSampleId :
MW-11DL

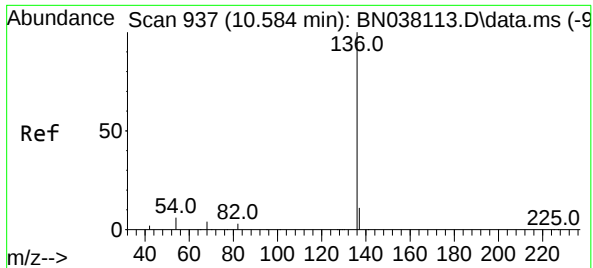
Tgt Ion: 112 Resp: 2074
Ion Ratio Lower Upper
112 100
64 56.1 45.4 68.0
63 31.2 23.2 34.8



#5
Phenol-d6
Concen: 0.076 ng
RT: 6.944 min Scan# 535
Delta R.T. 0.007 min
Lab File: BN038171.D
Acq: 08 Nov 2025 01:57

Tgt Ion: 99 Resp: 1824
Ion Ratio Lower Upper
99 100
42 20.4 16.6 24.8
71 37.1 25.4 38.2

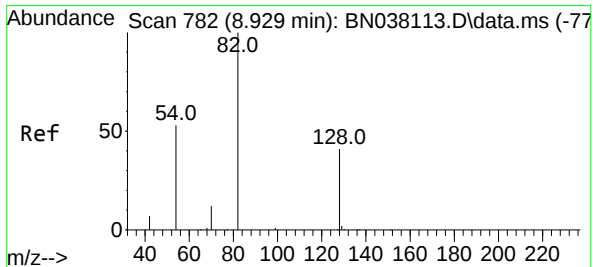
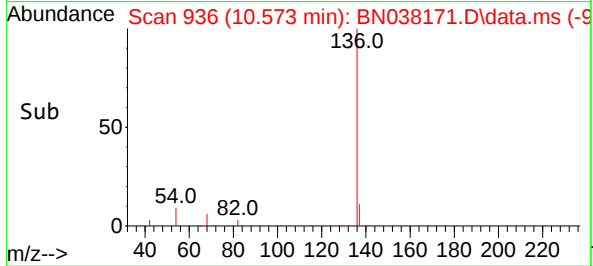
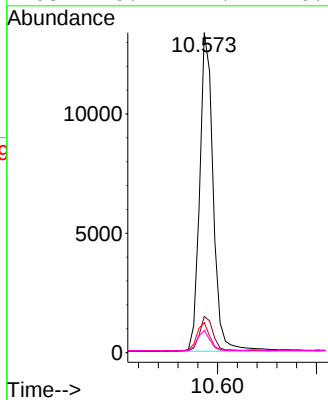
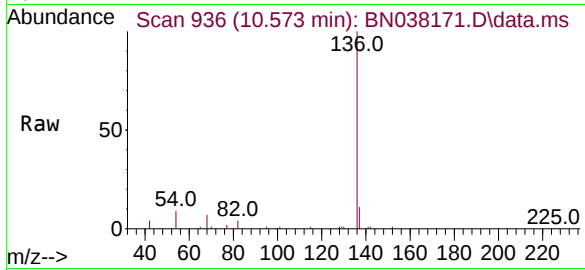




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 937
Delta R.T. 0.000 min
Lab File: BN038171.D
Acq: 08 Nov 2025 01:57

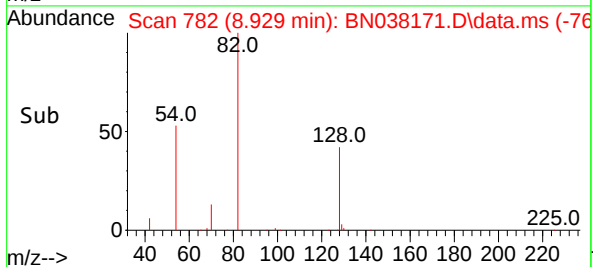
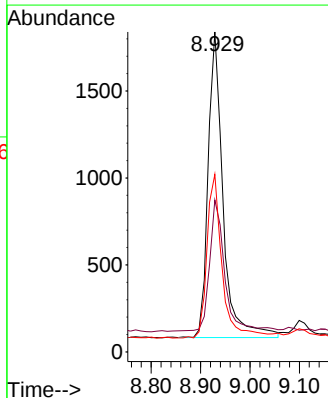
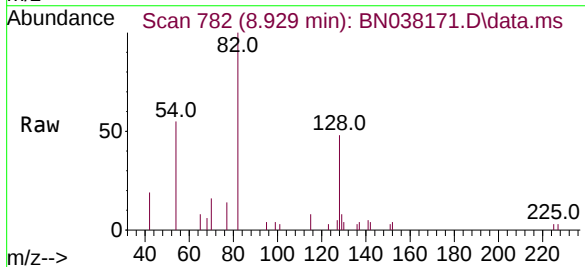
Instrument :
BNA_N
ClientSampleId :
MW-11DL

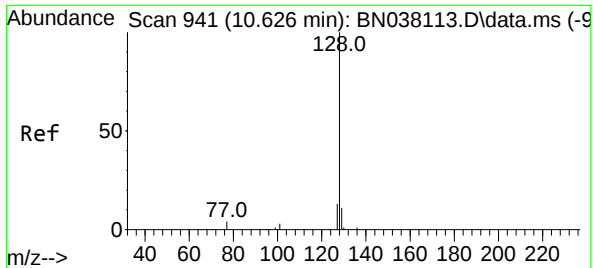
Tgt Ion:	136	Resp:	25419
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	9.4	5.2	7.8#
68	6.9	4.1	6.1#



#8
Nitrobenzene-d5
Concen: 0.180 ng
RT: 8.929 min Scan# 782
Delta R.T. 0.000 min
Lab File: BN038171.D
Acq: 08 Nov 2025 01:57

Tgt Ion:	82	Resp:	3691
Ion	Ratio	Lower	Upper
82	100		
128	47.5	34.1	51.1
54	55.5	43.5	65.3

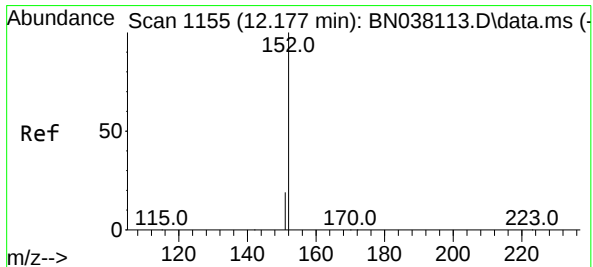
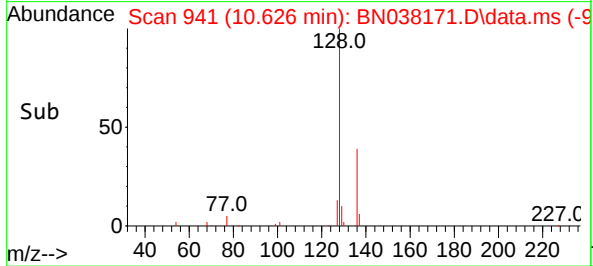
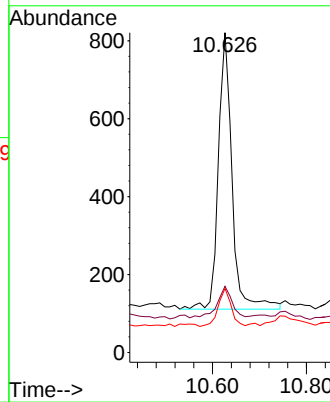
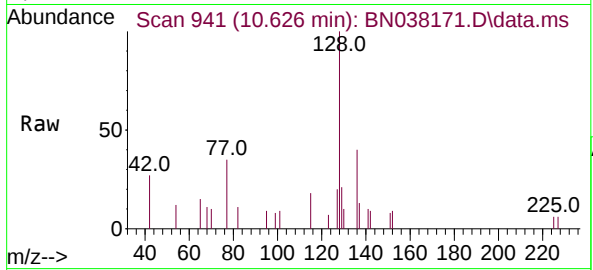




#9
Naphthalene
Concen: 0.021 ng
RT: 10.626 min Scan# 941
Delta R.T. 0.000 min
Lab File: BN038171.D
Acq: 08 Nov 2025 01:57

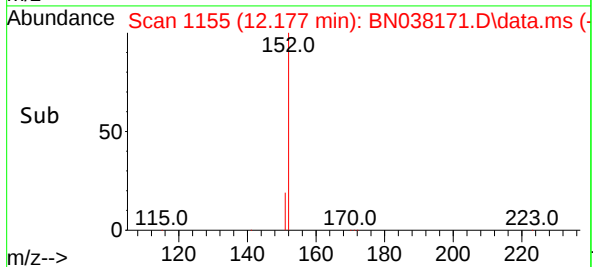
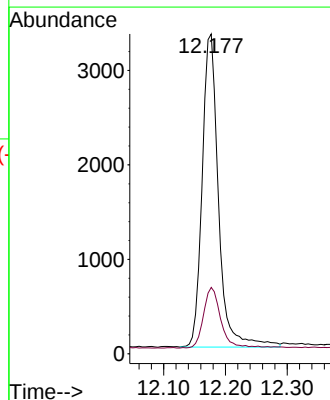
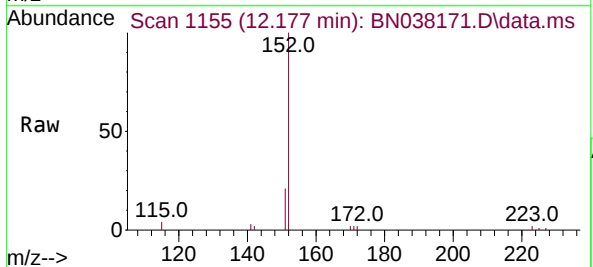
Instrument :
BNA_N
ClientSampleId :
MW-11DL

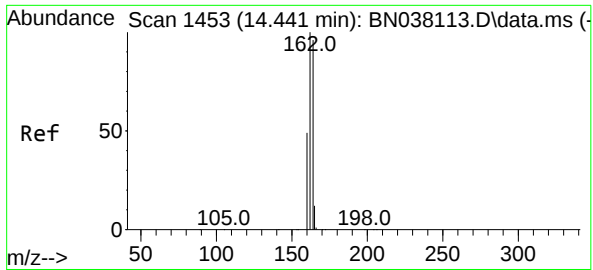
Tgt Ion:128 Resp: 1438
Ion Ratio Lower Upper
128 100
129 20.7 9.1 13.7#
127 20.0 10.5 15.7#



#11
2-Methylnaphthalene-d10
Concen: 0.168 ng
RT: 12.177 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BN038171.D
Acq: 08 Nov 2025 01:57

Tgt Ion:152 Resp: 6095
Ion Ratio Lower Upper
152 100
151 20.5 16.8 25.2

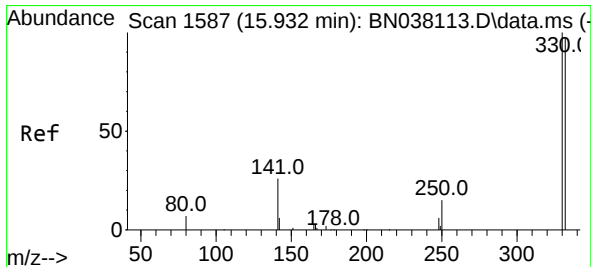
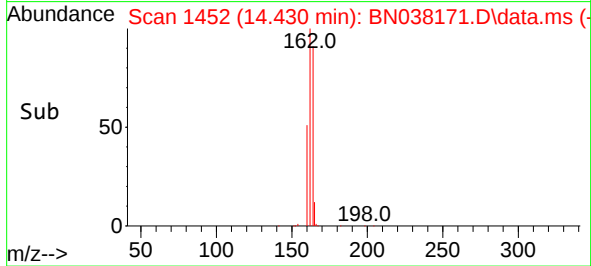
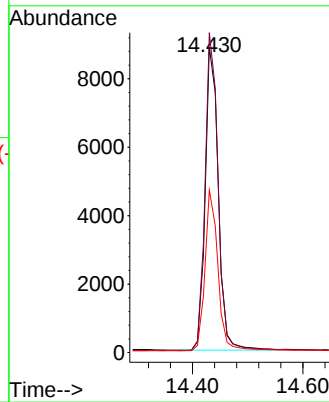
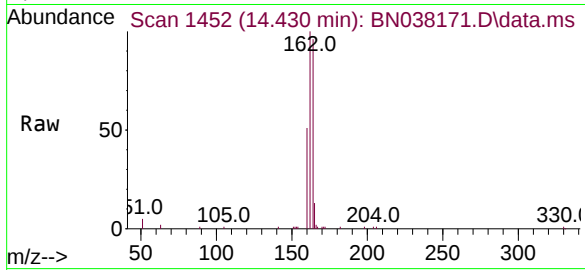




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 1453
Delta R.T. 0.000 min
Lab File: BN038171.D
Acq: 08 Nov 2025 01:57

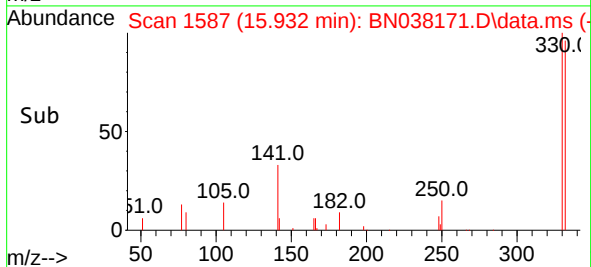
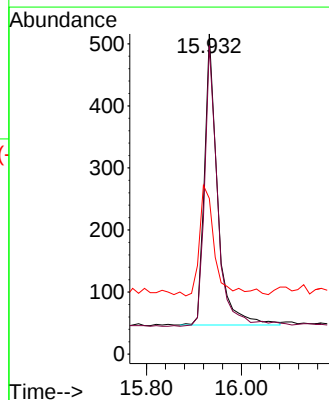
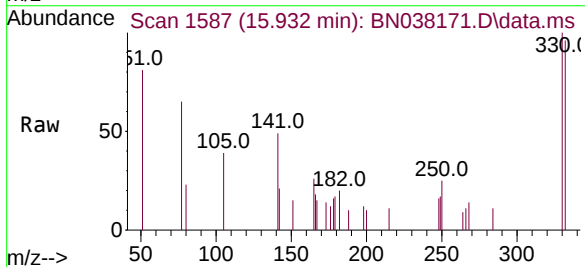
Instrument :
BNA_N
ClientSampleId :
MW-11DL

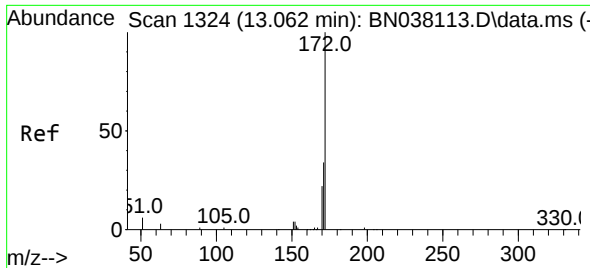
Tgt Ion:164 Resp: 14582
Ion Ratio Lower Upper
164 100
162 104.7 83.0 124.4
160 53.2 40.7 61.1



#14
2,4,6-Tribromophenol
Concen: 0.149 ng
RT: 15.932 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BN038171.D
Acq: 08 Nov 2025 01:57

Tgt Ion:330 Resp: 895
Ion Ratio Lower Upper
330 100
332 94.5 76.6 114.8
141 44.8 34.1 51.1

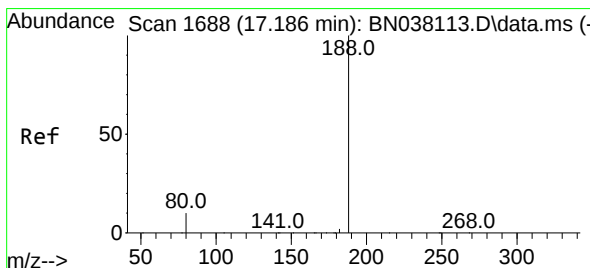
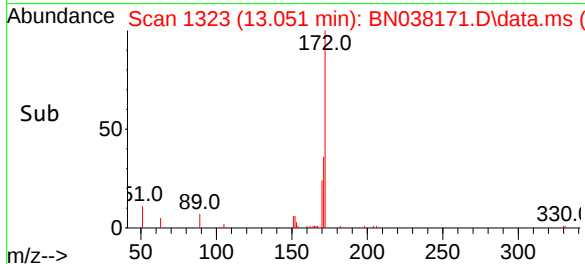
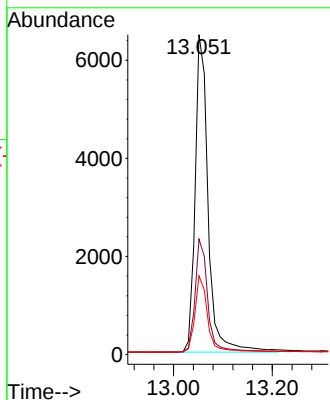
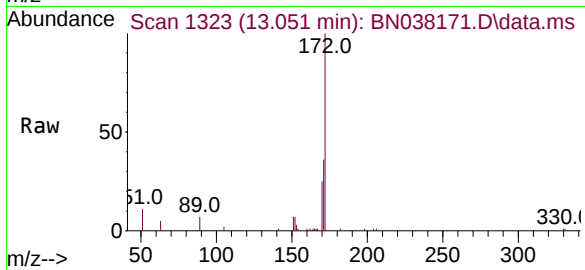




#15
2-Fluorobiphenyl
Concen: 0.203 ng
RT: 13.051 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BN038171.D
Acq: 08 Nov 2025 01:57

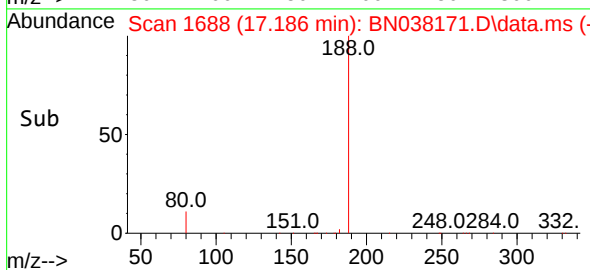
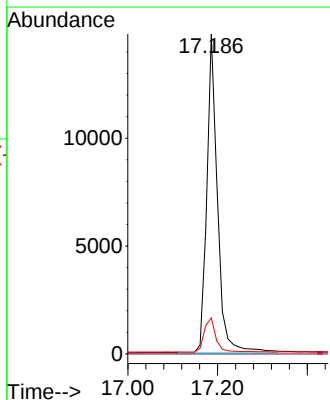
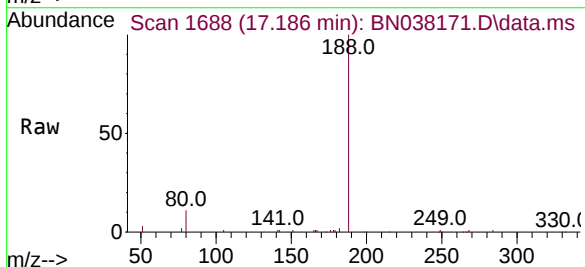
Instrument :
BNA_N
ClientSampleId :
MW-11DL

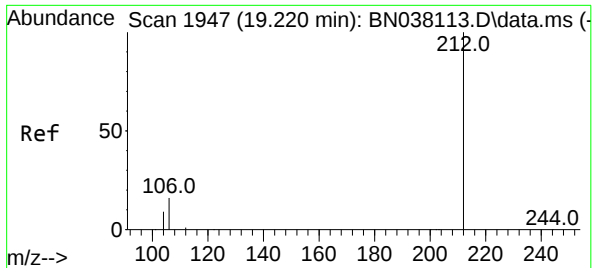
Tgt Ion:	172	Resp:	11835
Ion Ratio	Lower	Upper	
172	100		
171	36.1	27.8	41.6
170	24.6	18.1	27.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1688
Delta R.T. 0.000 min
Lab File: BN038171.D
Acq: 08 Nov 2025 01:57

Tgt Ion:	188	Resp:	24478
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	11.3	8.6	13.0





#27

Fluoranthene-d10

Concen: 0.164 ng

RT: 19.220 min Scan# 1947

Delta R.T. 0.000 min

Lab File: BN038171.D

Acq: 08 Nov 2025 01:57

Instrument :

BNA_N

ClientSampleId :

MW-11DL

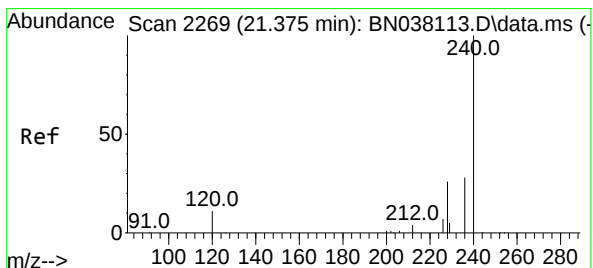
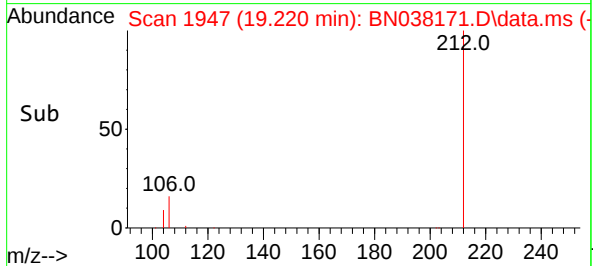
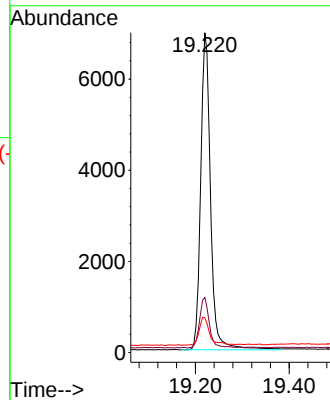
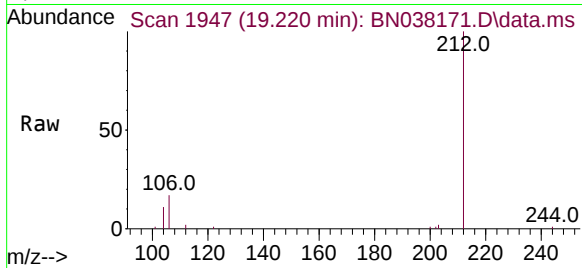
Tgt Ion:212 Resp: 10115

Ion Ratio Lower Upper

212 100

106 16.0 12.6 19.0

104 9.3 7.1 10.7



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.375 min Scan# 2269

Delta R.T. 0.000 min

Lab File: BN038171.D

Acq: 08 Nov 2025 01:57

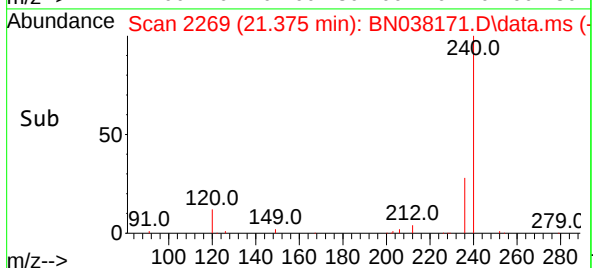
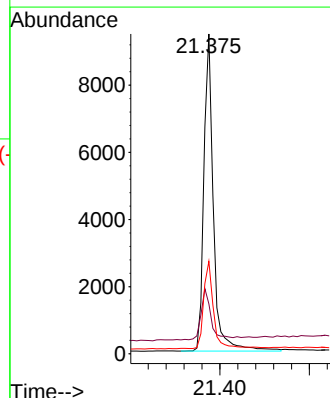
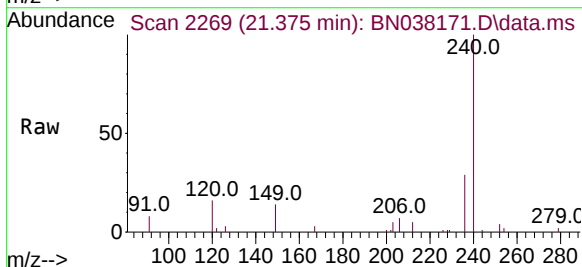
Tgt Ion:240 Resp: 14041

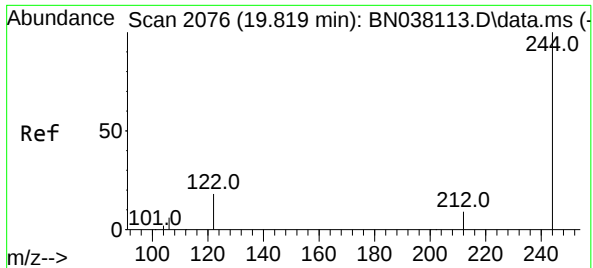
Ion Ratio Lower Upper

240 100

120 15.6 10.7 16.1

236 28.9 23.1 34.7

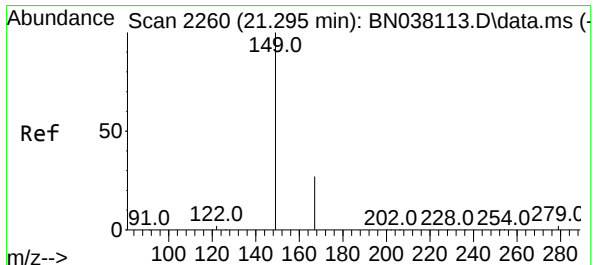
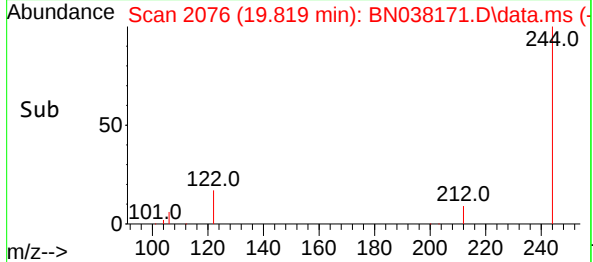
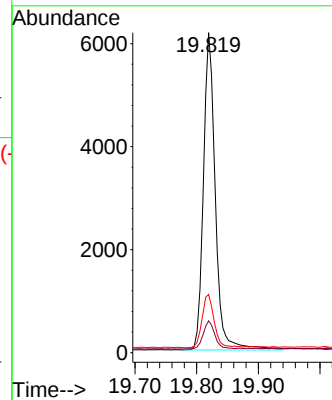
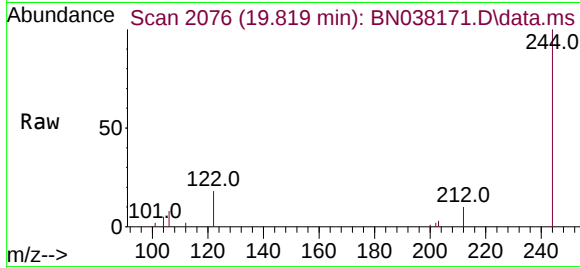




#31
Terphenyl-d14
Concen: 0.269 ng
RT: 19.819 min Scan# 2076
Delta R.T. 0.000 min
Lab File: BN038171.D
Acq: 08 Nov 2025 01:57

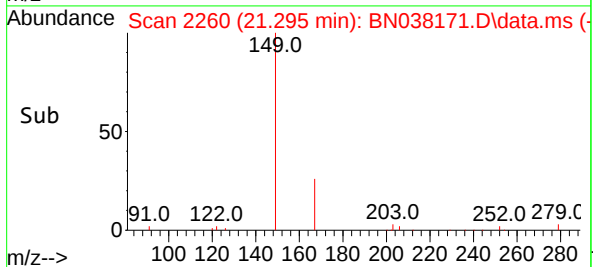
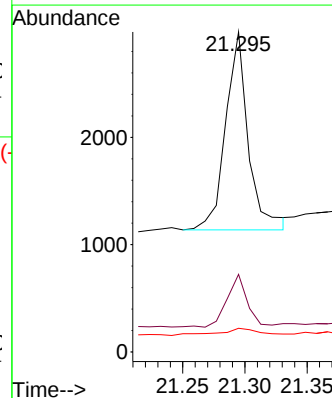
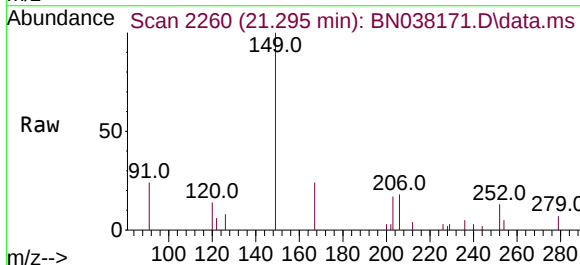
Instrument :
BNA_N
ClientSampleId :
MW-11DL

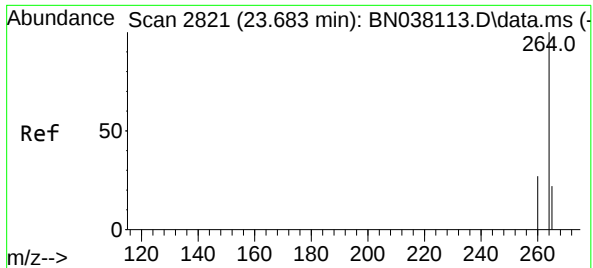
Tgt Ion:244	Resp:	8217
Ion	Ratio	Lower Upper
244	100	
212	9.9	7.8 11.6
122	18.2	15.2 22.8



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.089 ng
RT: 21.295 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BN038171.D
Acq: 08 Nov 2025 01:57

Tgt Ion:149	Resp:	2343
Ion	Ratio	Lower Upper
149	100	
167	23.9	21.1 31.7
279	6.2	2.9 4.3#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.683 min Scan# 2821

Delta R.T. 0.003 min

Lab File: BN038171.D

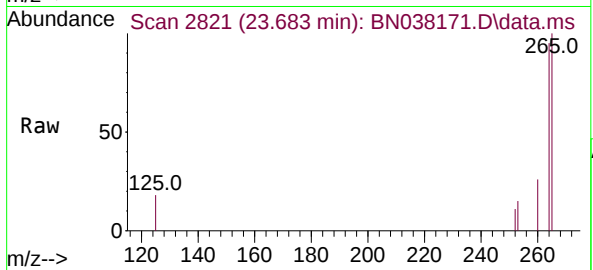
Acq: 08 Nov 2025 01:57

Instrument :

BNA_N

ClientSampleId :

MW-11DL



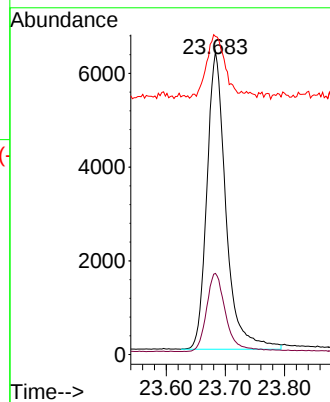
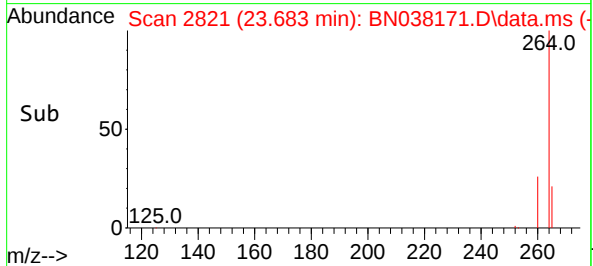
Tgt Ion:264 Resp: 14209

Ion Ratio Lower Upper

264 100

260 26.8 21.8 32.8

265 105.0 68.6 102.8#



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110725\
 Data File : BN038157.D
 Acq On : 07 Nov 2025 16:46
 Operator : RC/JU
 Sample : Q3534-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-5

A
B
C
D
E
F
G
H
I
J
K

Quant Time: Nov 07 17:16:31 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 29 13:09:46 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

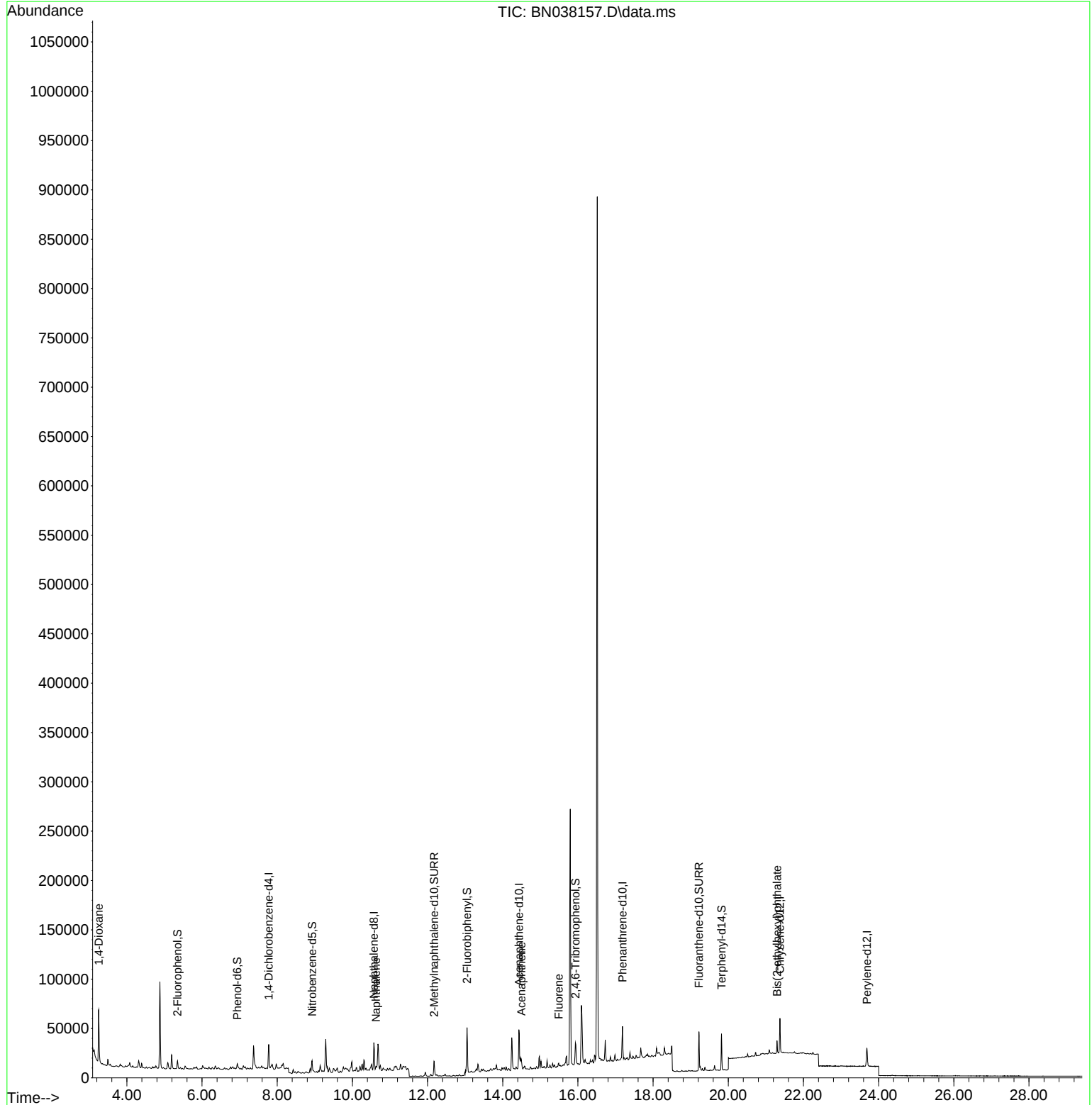
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	11219	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	37220	0.400	ng	# 0.00
13) Acenaphthene-d10	14.430	164	24015	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	44332	0.400	ng	0.00
29) Chrysene-d12	21.375	240	29531	0.400	ng	# 0.00
35) Perylene-d12	23.686	264	25013	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	5831	0.221	ng	0.00
5) Phenol-d6	6.937	99	4653	0.145	ng	0.00
8) Nitrobenzene-d5	8.929	82	11062	0.368	ng	0.00
11) 2-Methylnaphthalene-d10	12.172	152	18993	0.357	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	4812	0.486	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	34356	0.357	ng	0.00
27) Fluoranthene-d10	19.220	212	42091	0.377	ng	0.00
31) Terphenyl-d14	19.819	244	34611	0.539	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.254	88	36486	3.148	ng	98
9) Naphthalene	10.626	128	4483	0.044	ng	# 81
17) Acenaphthene	14.495	154	4765	0.063	ng	96
18) Fluorene	15.489	166	2498	0.025	ng	# 90
34) Bis(2-ethylhexyl)phtha...	21.295	149	12122	0.218	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

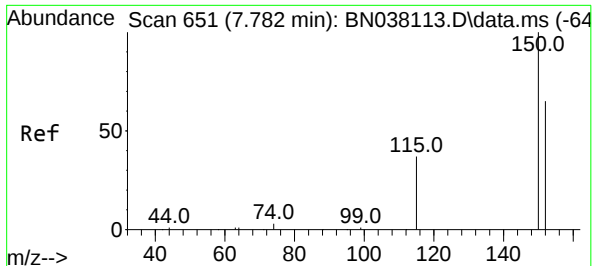
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110725\
Data File : BN038157.D
Acq On : 07 Nov 2025 16:46
Operator : RC/JU
Sample : Q3534-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-5

Quant Time: Nov 07 17:16:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration



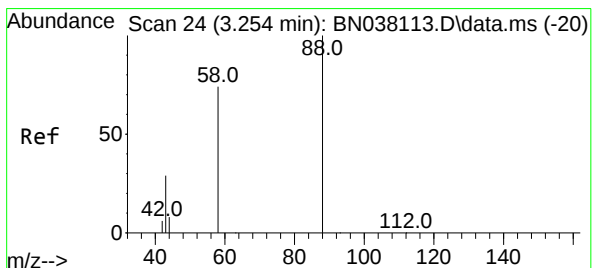
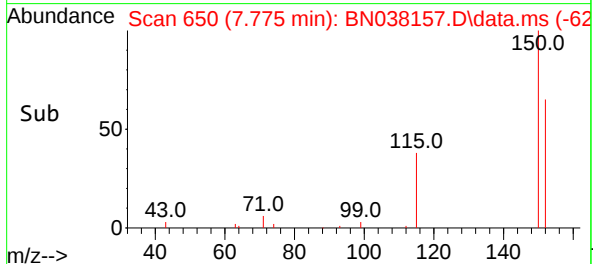
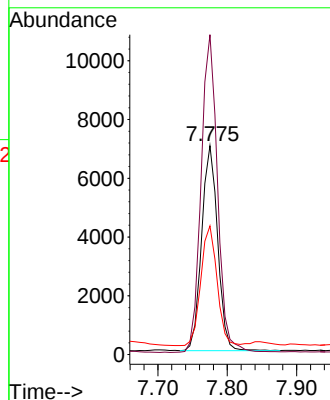
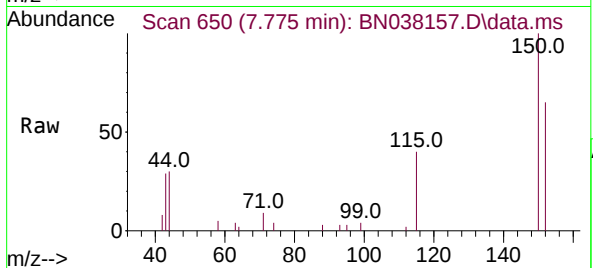
A
B
C
D
E
F
G
H
I
J
K



#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.775 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN038157.D
Acq: 07 Nov 2025 16:46

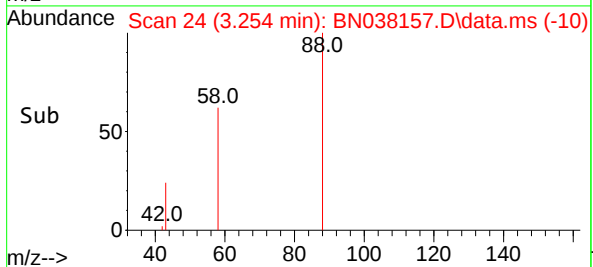
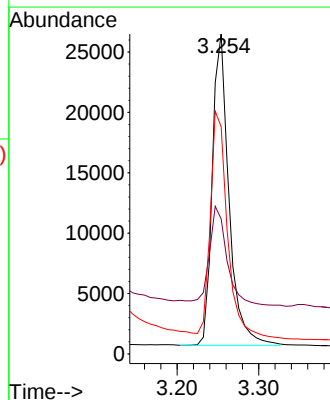
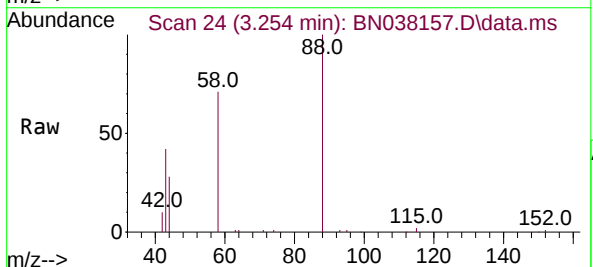
Instrument :
BNA_N
ClientSampleId :
MW-5

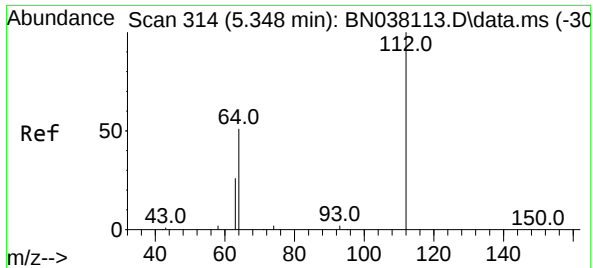
Tgt Ion:152 Resp: 11219
Ion Ratio Lower Upper
152 100
150 153.2 122.3 183.5
115 61.6 47.4 71.0



#2
1,4-Dioxane
Concen: 3.148 ng
RT: 3.254 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN038157.D
Acq: 07 Nov 2025 16:46

Tgt Ion: 88 Resp: 36486
Ion Ratio Lower Upper
88 100
43 33.5 24.3 36.5
58 75.1 60.4 90.6

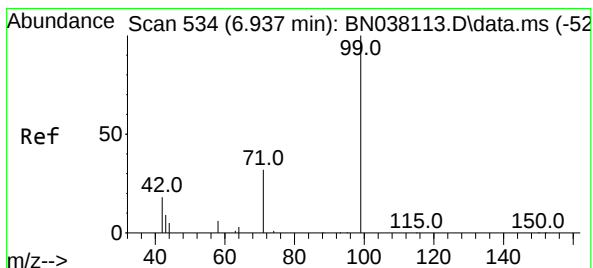
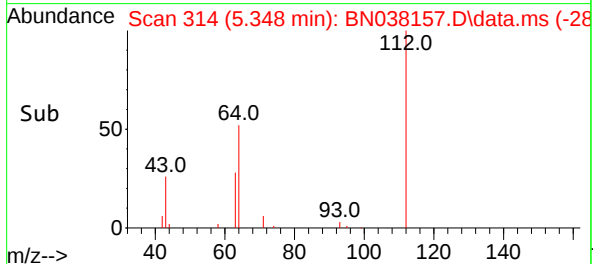
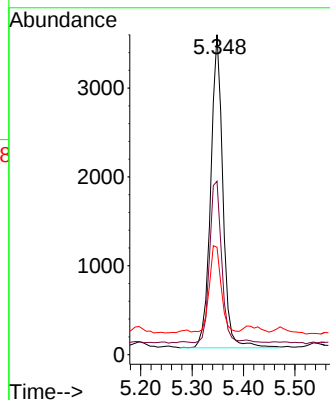
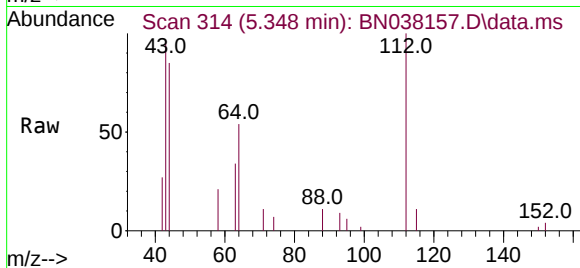




#4
2-Fluorophenol
Concen: 0.221 ng
RT: 5.348 min Scan# 314
Delta R.T. 0.000 min
Lab File: BN038157.D
Acq: 07 Nov 2025 16:46

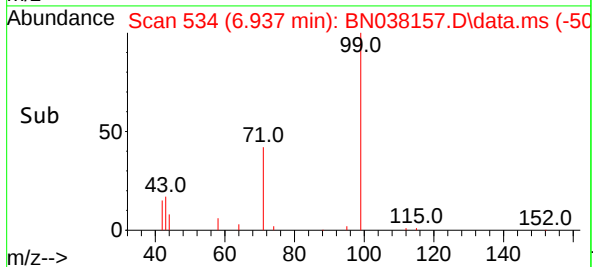
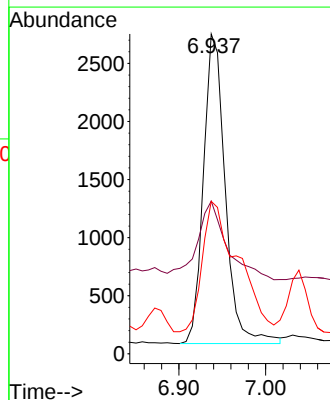
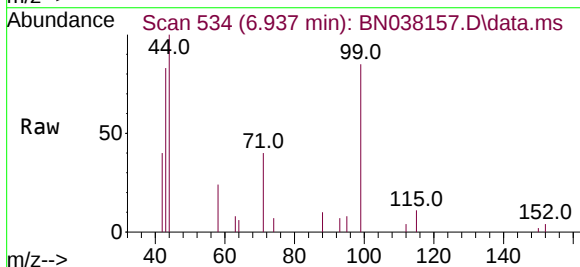
Instrument :
BNA_N
ClientSampleId :
MW-5

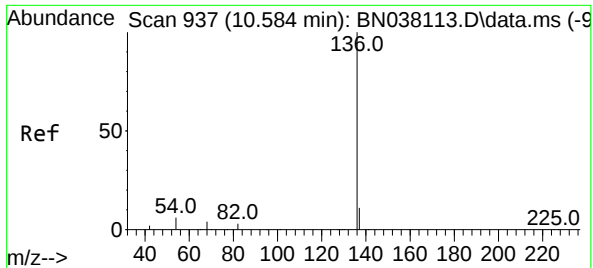
Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.1	45.4	68.0
63	27.4	23.2	34.8



#5
Phenol-d6
Concen: 0.145 ng
RT: 6.937 min Scan# 534
Delta R.T. 0.000 min
Lab File: BN038157.D
Acq: 07 Nov 2025 16:46

Tgt Ion	Ratio	Lower	Upper
99	100		
42	34.8	16.6	24.8#
71	70.5	25.4	38.2#

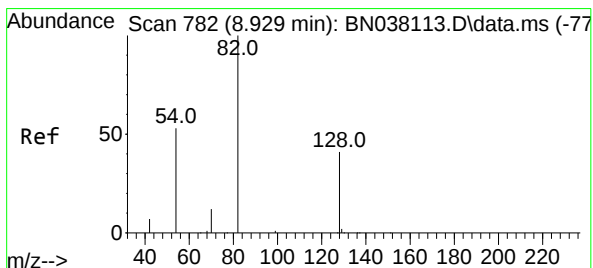
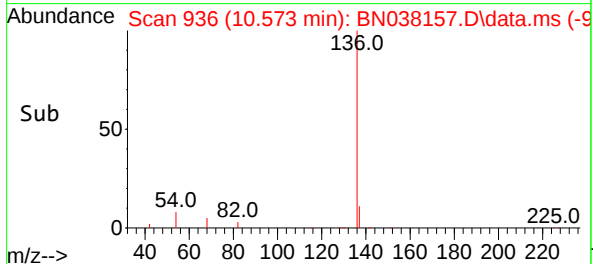
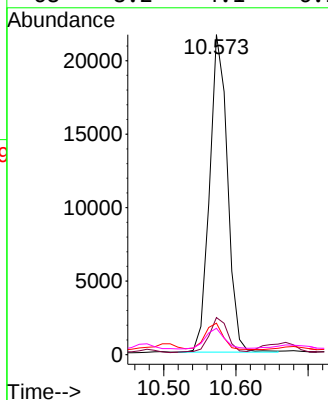
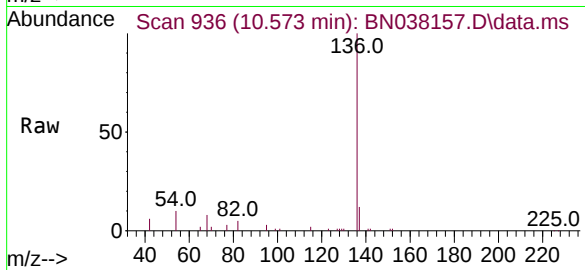




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 936
Delta R.T. 0.000 min
Lab File: BN038157.D
Acq: 07 Nov 2025 16:46

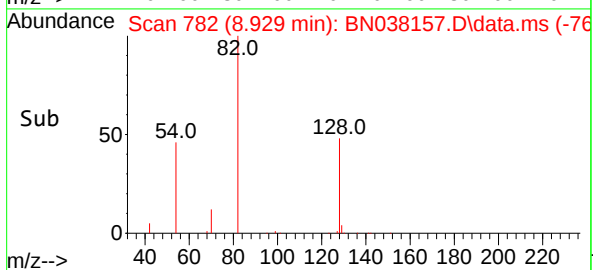
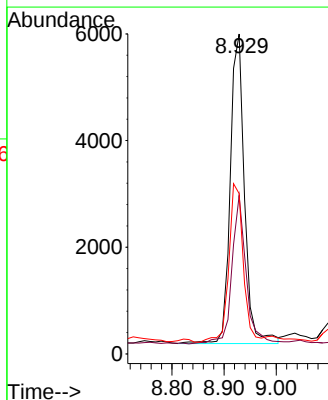
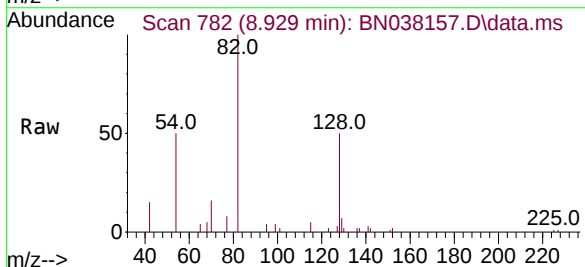
Instrument :
BNA_N
ClientSampleId :
MW-5

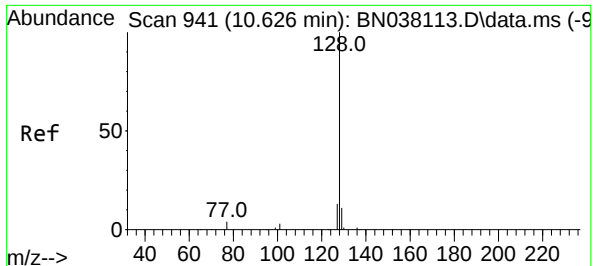
Tgt Ion:	136	Resp:	37220
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.4
54	9.8	5.2	7.8#
68	8.2	4.1	6.1#



#8
Nitrobenzene-d5
Concen: 0.368 ng
RT: 8.929 min Scan# 782
Delta R.T. 0.000 min
Lab File: BN038157.D
Acq: 07 Nov 2025 16:46

Tgt Ion:	82	Resp:	11062
Ion	Ratio	Lower	Upper
82	100		
128	49.5	34.1	51.1
54	50.1	43.5	65.3

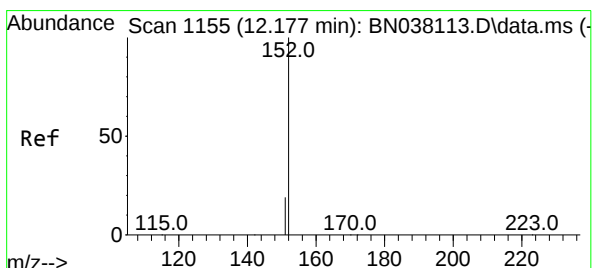
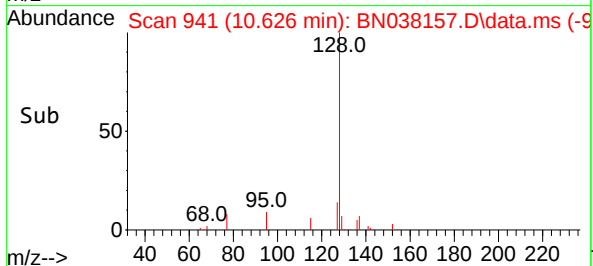
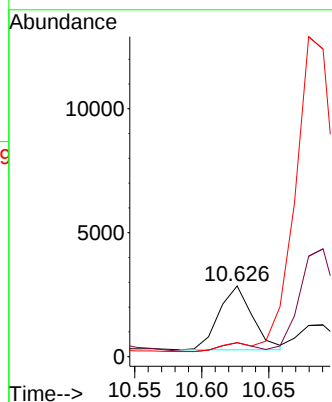
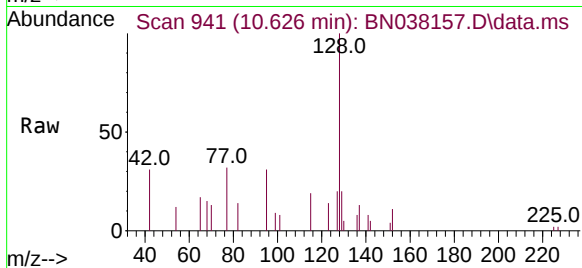




#9
Naphthalene
Concen: 0.044 ng
RT: 10.626 min Scan# 941
Delta R.T. 0.000 min
Lab File: BN038157.D
Acq: 07 Nov 2025 16:46

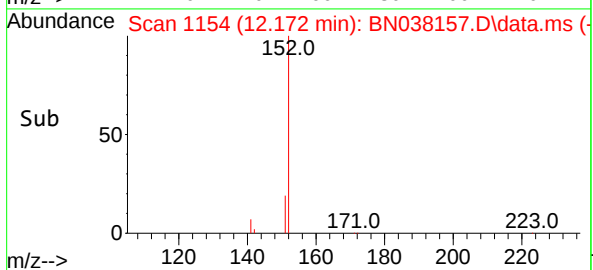
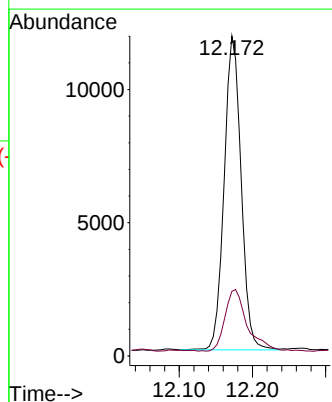
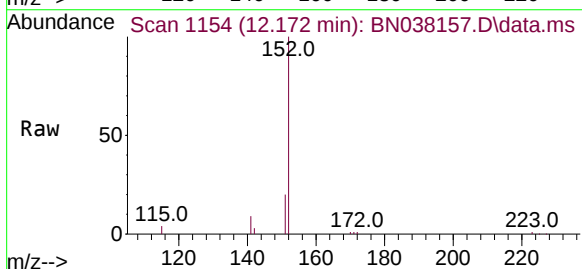
Instrument :
BNA_N
ClientSampleId :
MW-5

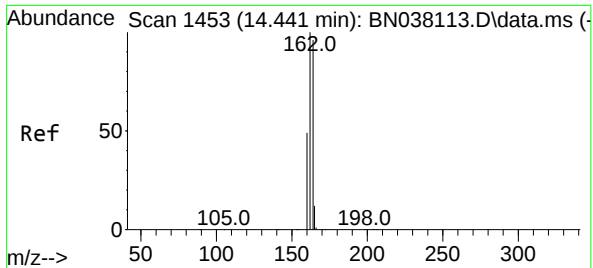
Tgt Ion:128 Resp: 4483
Ion Ratio Lower Upper
128 100
129 19.7 9.1 13.7#
127 19.8 10.5 15.7#



#11
2-Methylnaphthalene-d10
Concen: 0.357 ng
RT: 12.172 min Scan# 1154
Delta R.T. -0.005 min
Lab File: BN038157.D
Acq: 07 Nov 2025 16:46

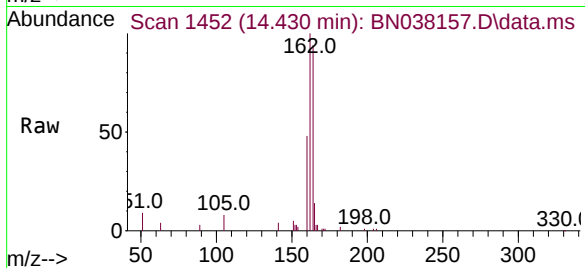
Tgt Ion:152 Resp: 18993
Ion Ratio Lower Upper
152 100
151 26.2 16.8 25.2#



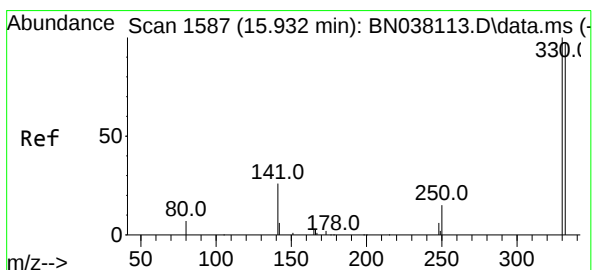
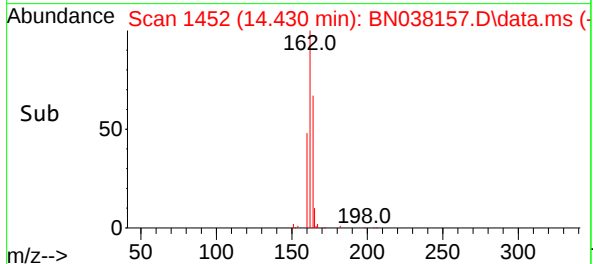
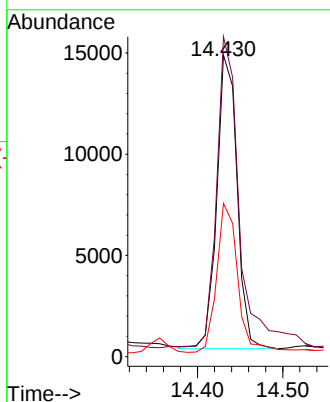


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN038157.D
Acq: 07 Nov 2025 16:46

Instrument :
BNA_N
ClientSampleId :
MW-5

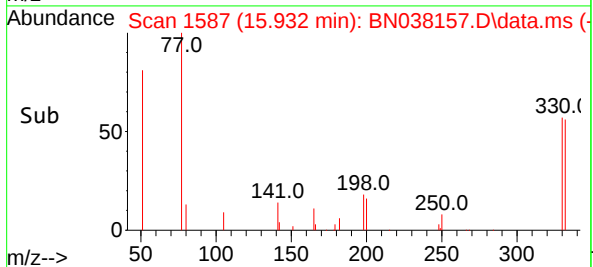
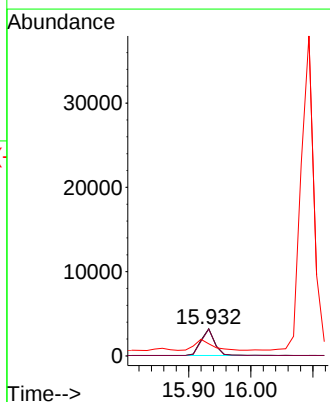
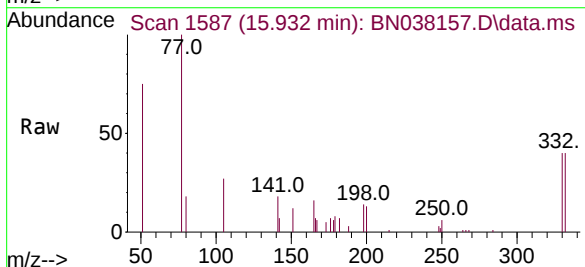


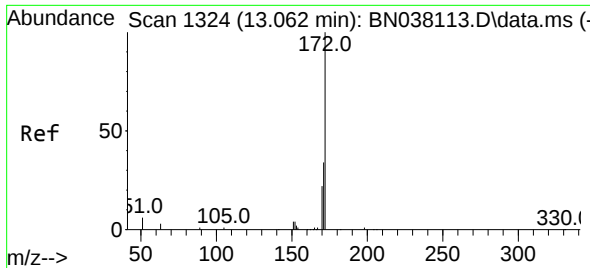
Tgt Ion:164 Resp: 24015
Ion Ratio Lower Upper
164 100
162 106.1 83.0 124.4
160 50.8 40.7 61.1



#14
2,4,6-Tribromophenol
Concen: 0.486 ng
RT: 15.932 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BN038157.D
Acq: 07 Nov 2025 16:46

Tgt Ion:330 Resp: 4812
Ion Ratio Lower Upper
330 100
332 97.8 76.6 114.8
141 50.5 34.1 51.1

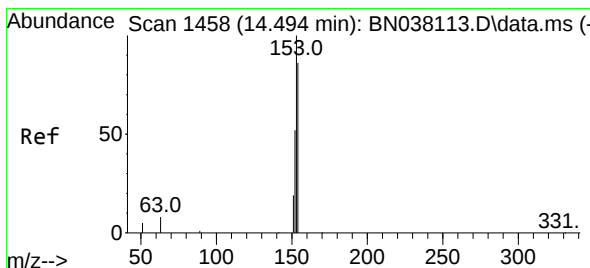
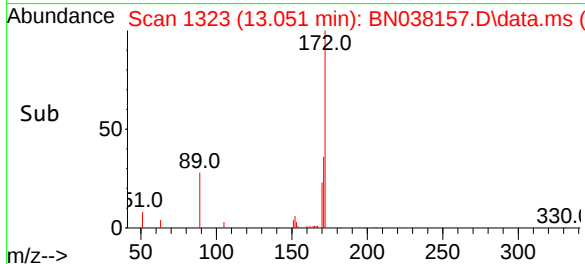
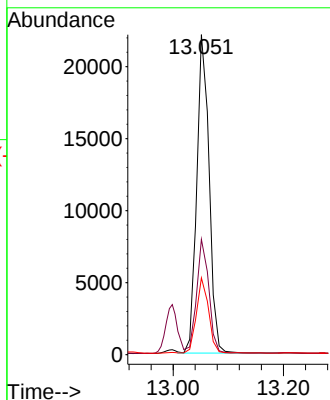
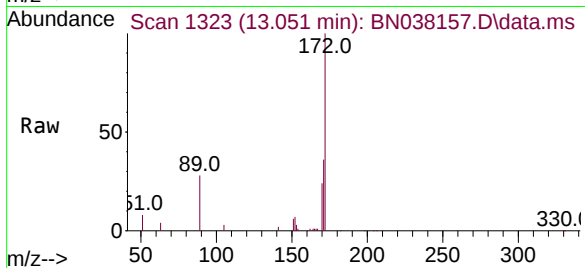




#15
2-Fluorobiphenyl
Concen: 0.357 ng
RT: 13.051 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BN038157.D
Acq: 07 Nov 2025 16:46

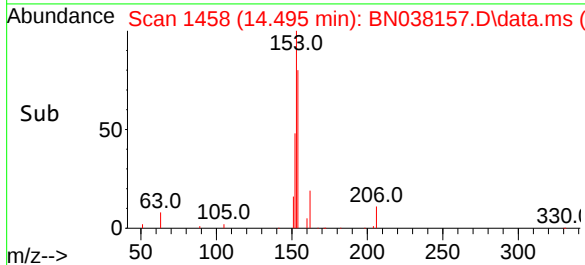
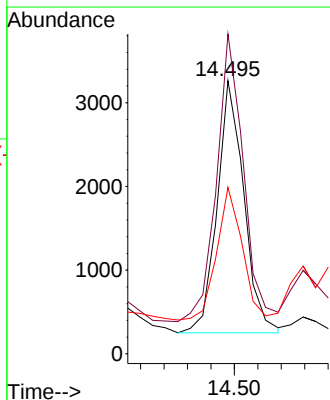
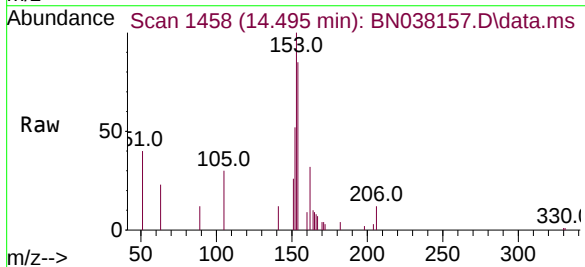
Instrument :
BNA_N
ClientSampleId :
MW-5

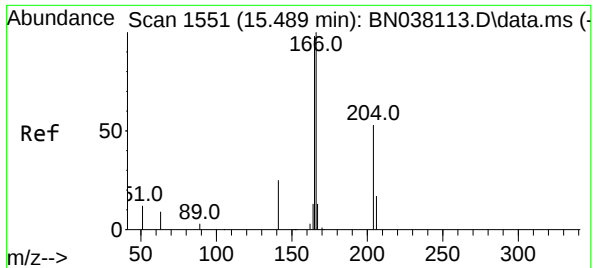
Tgt Ion:	172	Resp:	34356
Ion Ratio	Lower	Upper	
172	100		
171	36.0	27.8	41.6
170	24.0	18.1	27.1



#17
Acenaphthene
Concen: 0.063 ng
RT: 14.495 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BN038157.D
Acq: 07 Nov 2025 16:46

Tgt Ion:	154	Resp:	4765
Ion Ratio	Lower	Upper	
154	100		
153	114.5	90.0	135.0
152	53.3	47.3	70.9

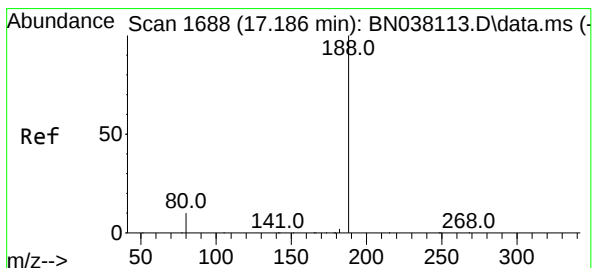
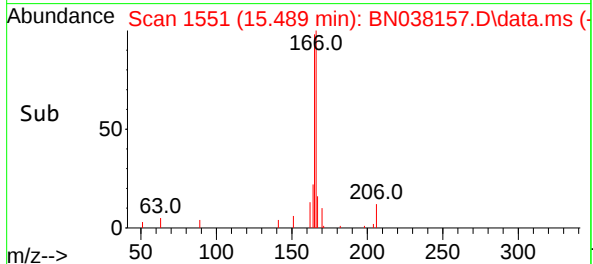
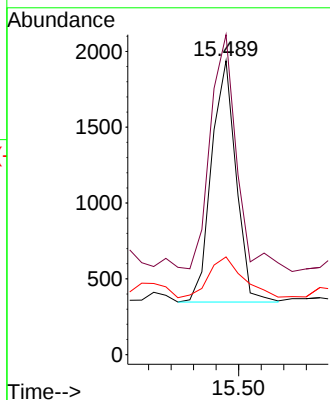
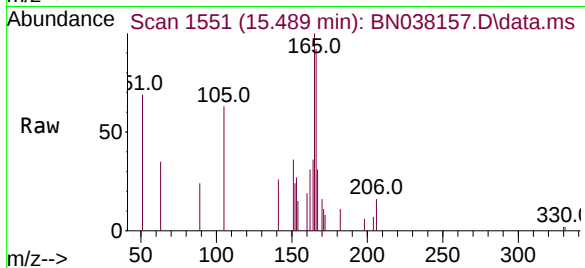




#18
Fluorene
Concen: 0.025 ng
RT: 15.489 min Scan# 1551
Delta R.T. -0.000 min
Lab File: BN038157.D
Acq: 07 Nov 2025 16:46

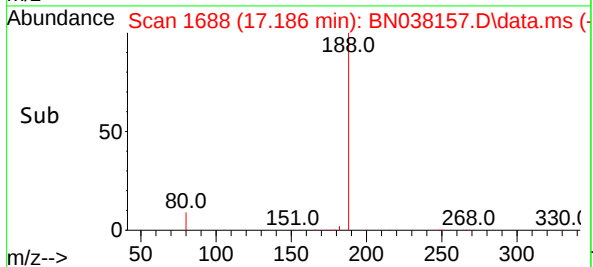
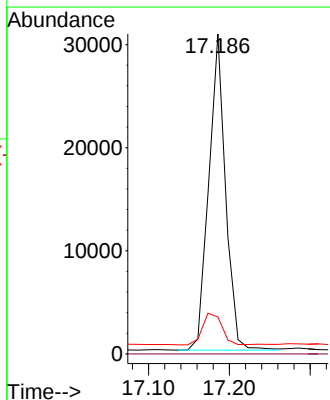
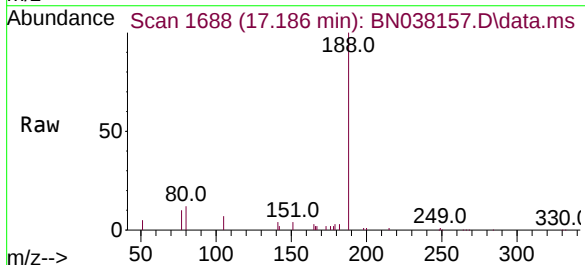
Instrument :
BNA_N
ClientSampleId :
MW-5

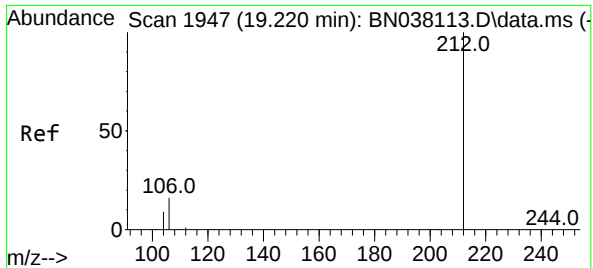
Tgt Ion:166 Resp: 2498
Ion Ratio Lower Upper
166 100
165 106.9 79.0 118.4
167 24.0 10.7 16.1#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1688
Delta R.T. 0.000 min
Lab File: BN038157.D
Acq: 07 Nov 2025 16:46

Tgt Ion:188 Resp: 44332
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.5 8.6 13.0





#27

Fluoranthene-d10

Concen: 0.377 ng

RT: 19.220 min Scan# 1947

Delta R.T. 0.000 min

Lab File: BN038157.D

Acq: 07 Nov 2025 16:46

Instrument :

BNA_N

ClientSampleId :

MW-5

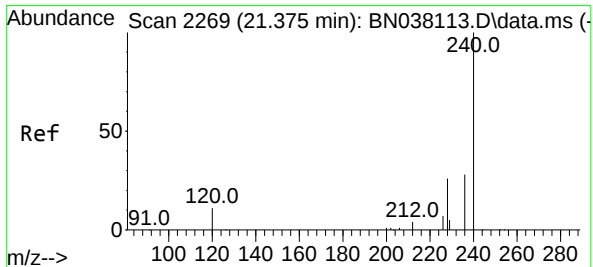
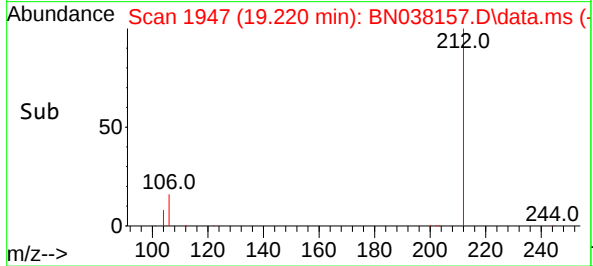
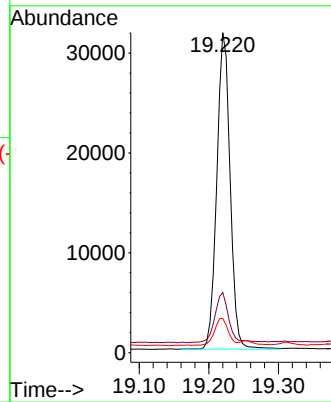
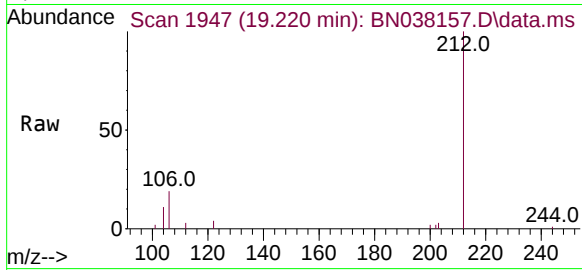
Tgt Ion:212 Resp: 42091

Ion Ratio Lower Upper

212 100

106 16.5 12.6 19.0

104 8.8 7.1 10.7



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.375 min Scan# 2269

Delta R.T. 0.000 min

Lab File: BN038157.D

Acq: 07 Nov 2025 16:46

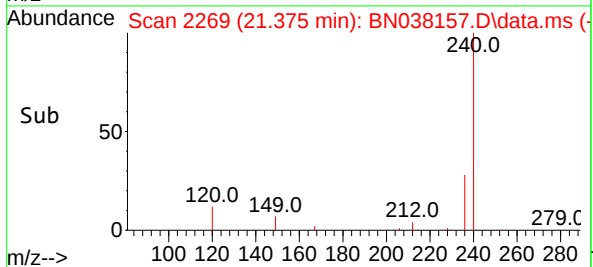
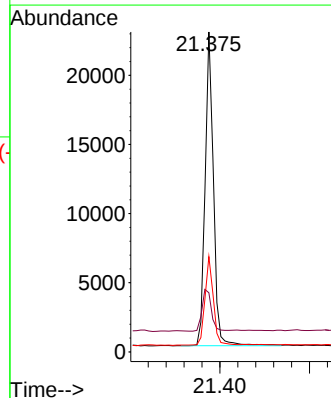
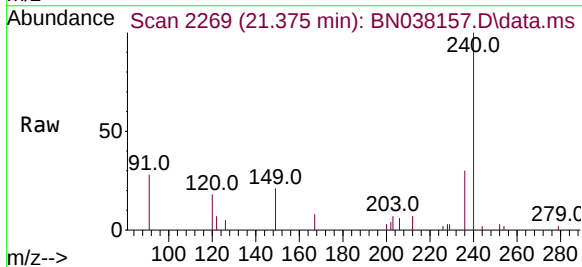
Tgt Ion:240 Resp: 29531

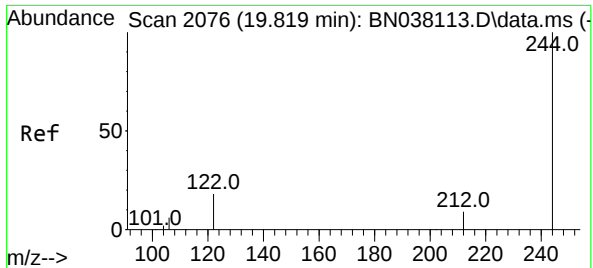
Ion Ratio Lower Upper

240 100

120 18.5 10.7 16.1

236 29.8 23.1 34.7

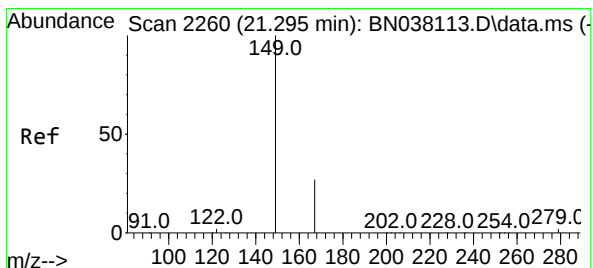
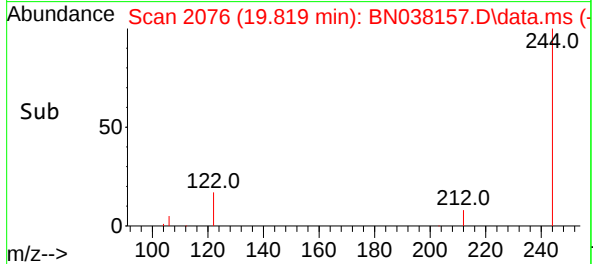
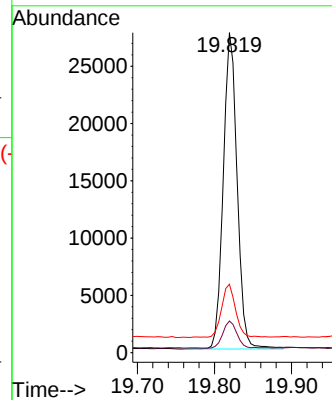
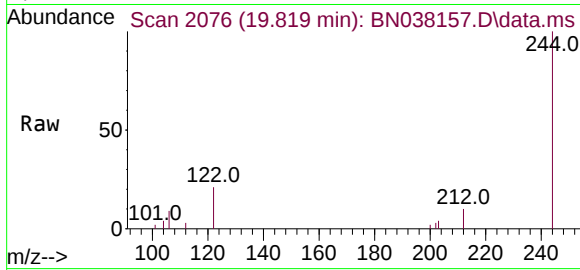




#31
 Terphenyl-d14
 Concen: 0.539 ng
 RT: 19.819 min Scan# 2076
 Delta R.T. 0.000 min
 Lab File: BN038157.D
 Acq: 07 Nov 2025 16:46

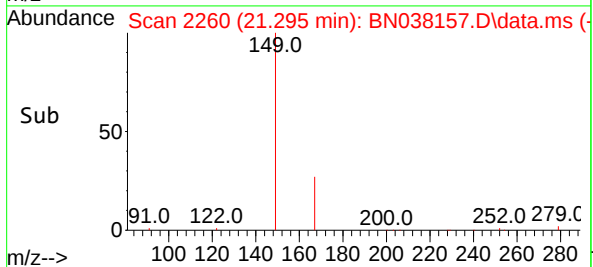
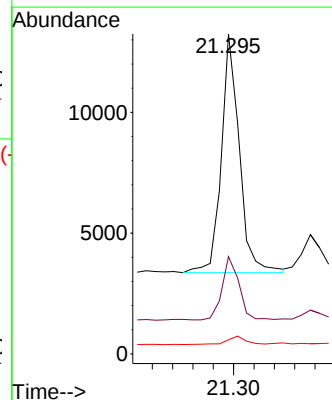
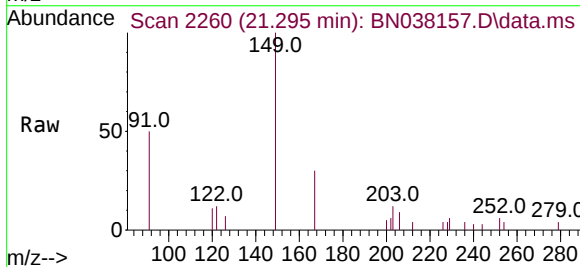
Instrument :
 BNA_N
 ClientSampleId :
 MW-5

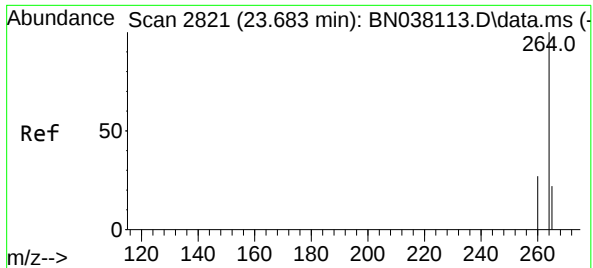
Tgt Ion:244	Resp:	34611
Ion Ratio	Lower	Upper
244	100	
212	9.9	7.8 11.6
122	21.4	15.2 22.8



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.218 ng
 RT: 21.295 min Scan# 2260
 Delta R.T. 0.000 min
 Lab File: BN038157.D
 Acq: 07 Nov 2025 16:46

Tgt Ion:149	Resp:	12122
Ion Ratio	Lower	Upper
149	100	
167	25.0	21.1 31.7
279	3.6	2.9 4.3





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.686 min Scan# 2821

Delta R.T. 0.006 min

Lab File: BN038157.D

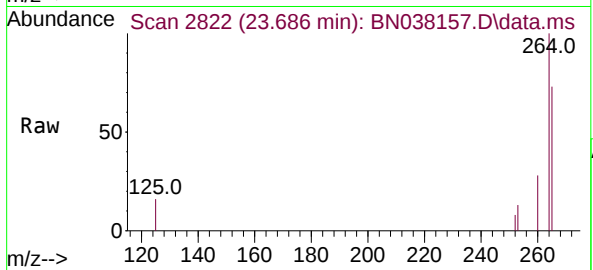
Acq: 07 Nov 2025 16:46

Instrument :

BNA_N

ClientSampleId :

MW-5



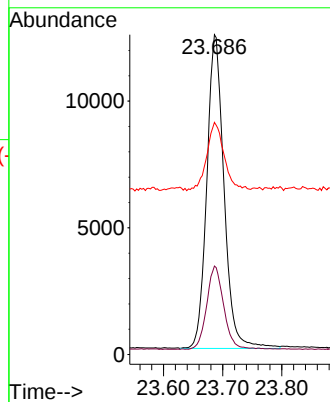
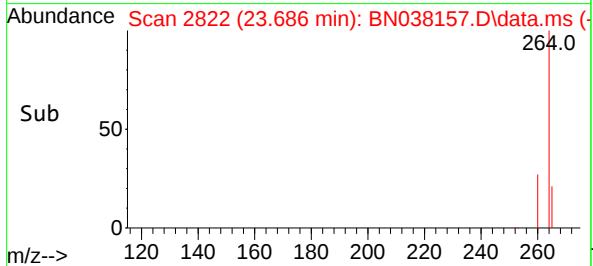
Tgt Ion:264 Resp: 25013

Ion Ratio Lower Upper

264 100

260 27.7 21.8 32.8

265 72.6 68.6 102.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110725\
 Data File : BN038155.D
 Acq On : 07 Nov 2025 15:33
 Operator : RC/JU
 Sample : Q3534-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-EB-1

Quant Time: Nov 07 15:57:22 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 29 13:09:46 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

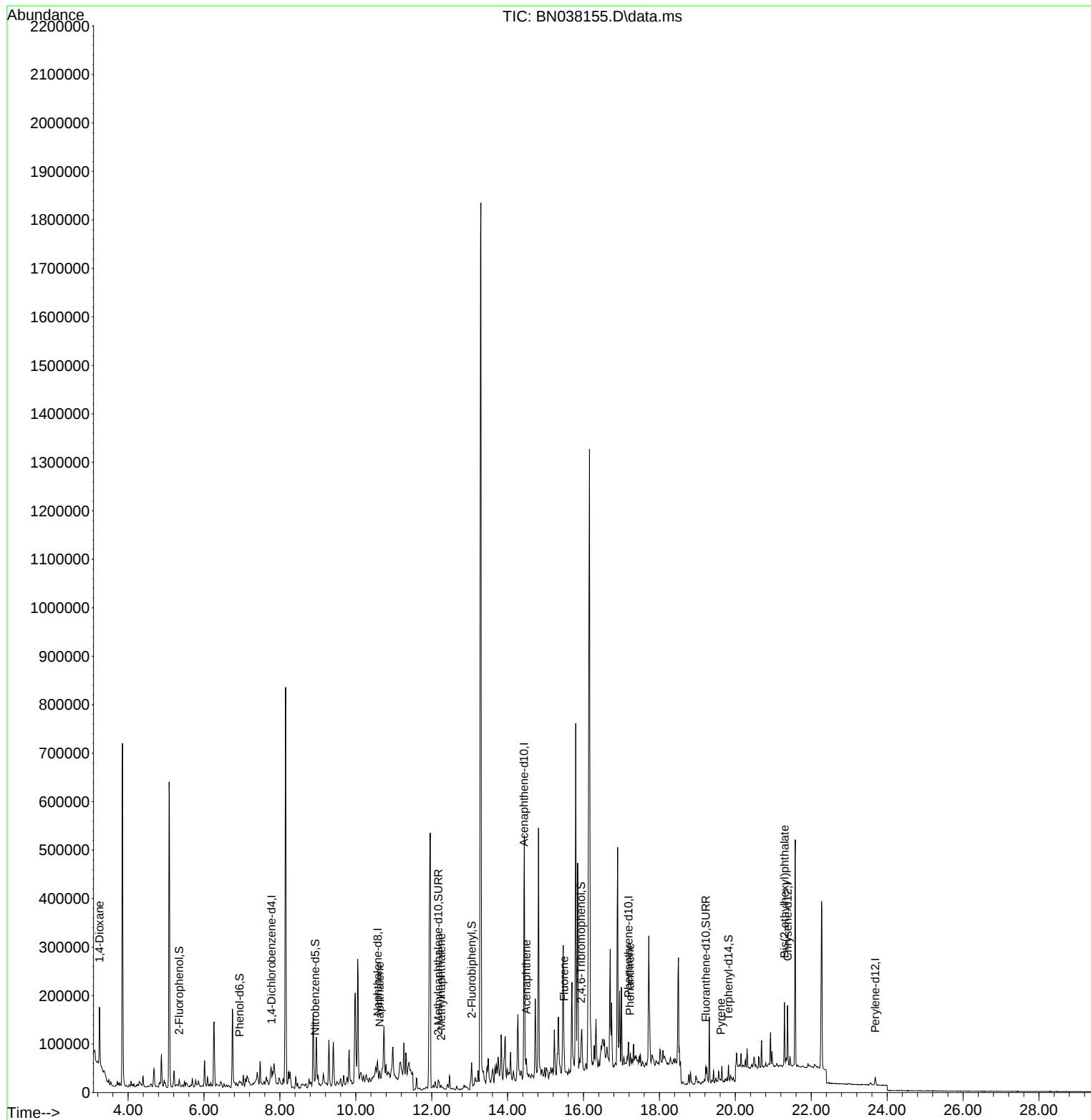
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	10875	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	36113	0.400	ng	# 0.00
13) Acenaphthene-d10	14.430	164	60230	0.400	ng	# 0.00
19) Phenanthrene-d10	17.186	188	41457	0.400	ng	# 0.00
29) Chrysene-d12	21.375	240	24620	0.400	ng	# 0.00
35) Perylene-d12	23.686	264	21598	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	5544	0.216	ng	0.00
5) Phenol-d6	6.937	99	4724	0.151	ng	0.00
8) Nitrobenzene-d5	8.929	82	10835	0.372	ng	0.00
11) 2-Methylnaphthalene-d10	12.177	152	17454	0.338	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	4807	0.194	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	31043	0.129	ng	0.00
27) Fluoranthene-d10	19.220	212	37172	0.356	ng	0.00
31) Terphenyl-d14	19.819	244	28988	0.542	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.247	88	69584	6.193	ng	# 67
9) Naphthalene	10.626	128	10942	0.110	ng	# 64
12) 2-Methylnaphthalene	12.248	142	26668	0.402	ng	# 66
17) Acenaphthene	14.495	154	16665	0.087	ng	# 92
18) Fluorene	15.489	166	24274	0.097	ng	# 56
25) Phenanthrene	17.223	178	7934	0.060	ng	# 83
30) Pyrene	19.615	202	5283	0.048	ng	# 87
34) Bis(2-ethylhexyl)phtha...	21.295	149	124078	2.682	ng	96

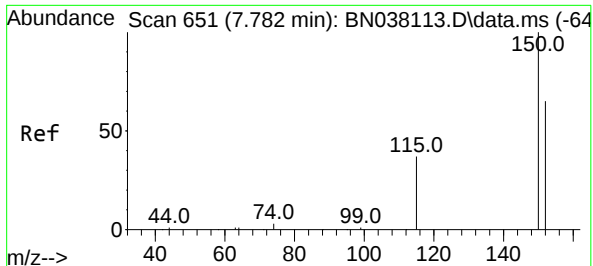
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110725\
Data File : BN038155.D
Acq On : 07 Nov 2025 15:33
Operator : RC/JU
Sample : Q3534-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-EB-1

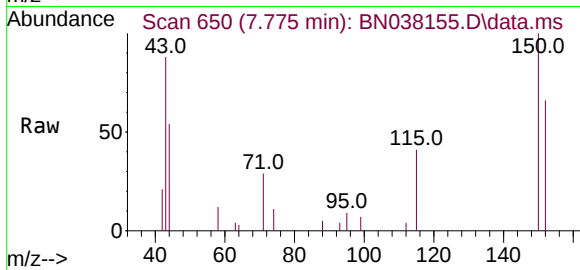
Quant Time: Nov 07 15:57:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration



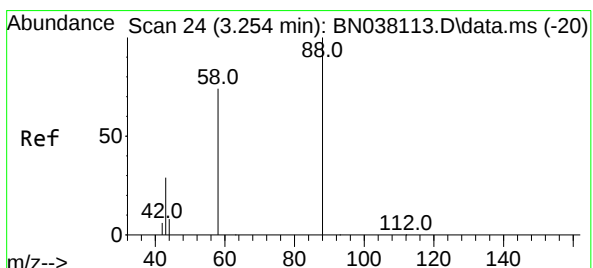
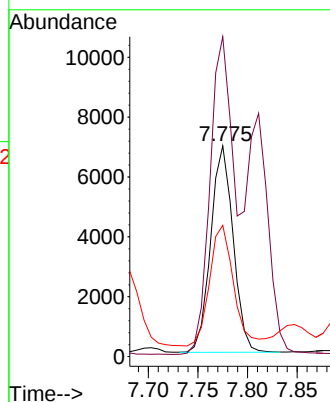
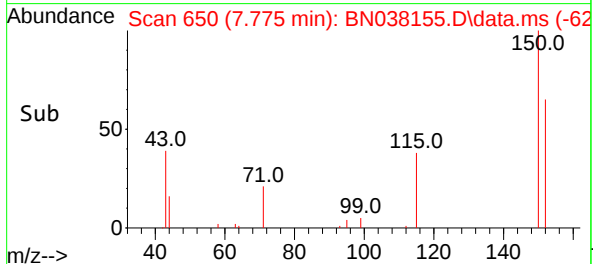


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.775 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN038155.D
Acq: 07 Nov 2025 15:33

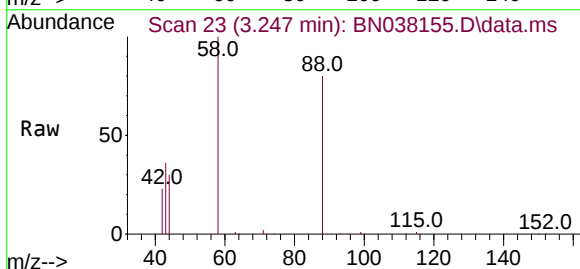
Instrument :
BNA_N
ClientSampleId :
MW-EB-1



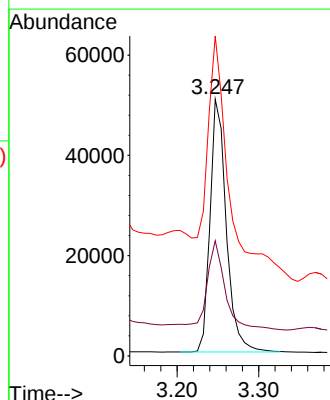
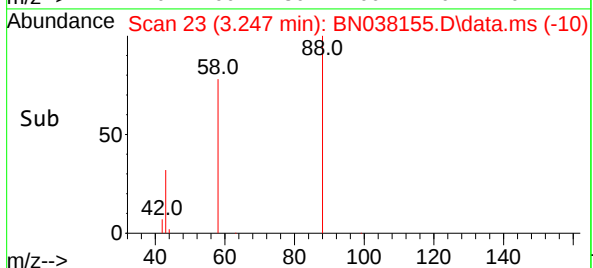
Tgt Ion:152 Resp: 10875
Ion Ratio Lower Upper
152 100
150 151.8 122.3 183.5
115 62.3 47.4 71.0

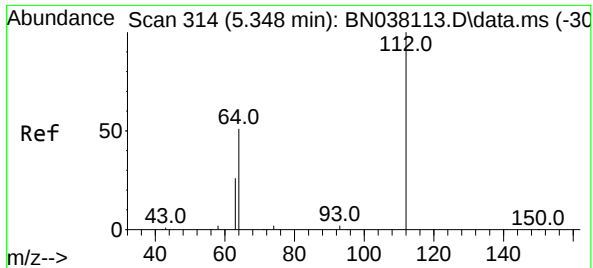


#2
1,4-Dioxane
Concen: 6.193 ng
RT: 3.247 min Scan# 23
Delta R.T. -0.007 min
Lab File: BN038155.D
Acq: 07 Nov 2025 15:33



Tgt Ion: 88 Resp: 69584
Ion Ratio Lower Upper
88 100
43 38.7 24.3 36.5#
58 110.1 60.4 90.6#

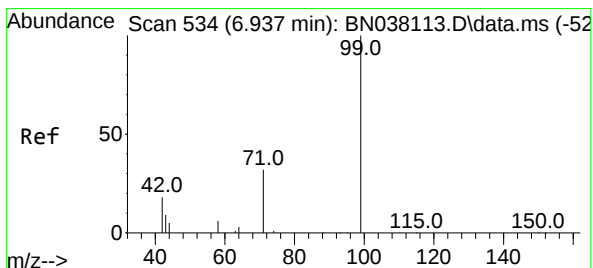
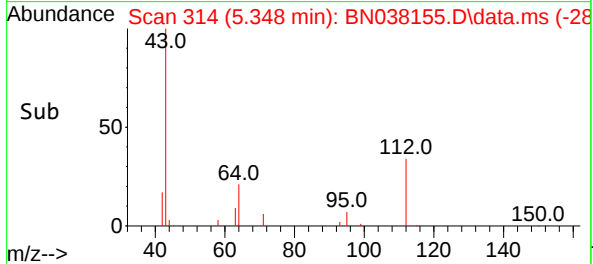
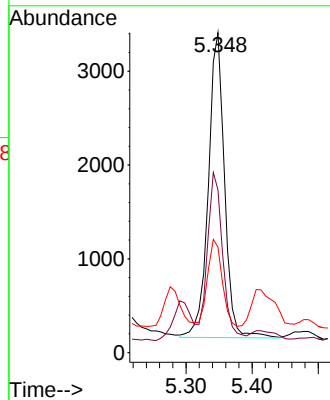
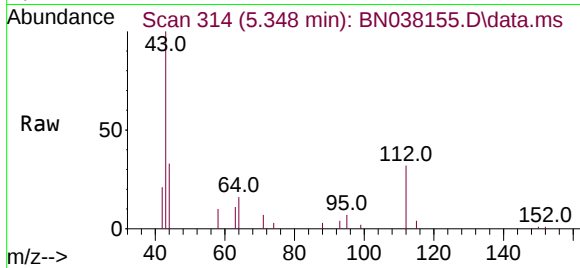




#4
2-Fluorophenol
Concen: 0.216 ng
RT: 5.348 min Scan# 314
Delta R.T. 0.000 min
Lab File: BN038155.D
Acq: 07 Nov 2025 15:33

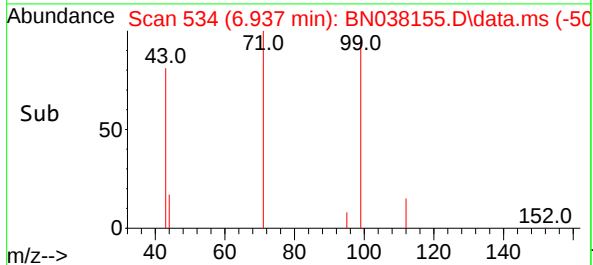
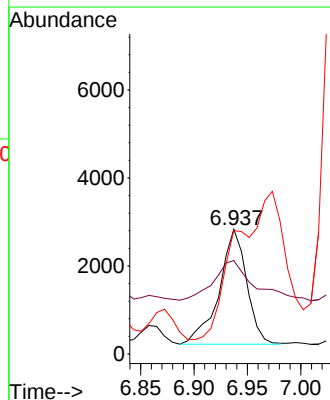
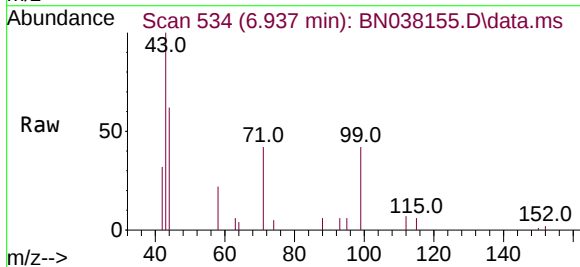
Instrument :
BNA_N
ClientSampleId :
MW-EB-1

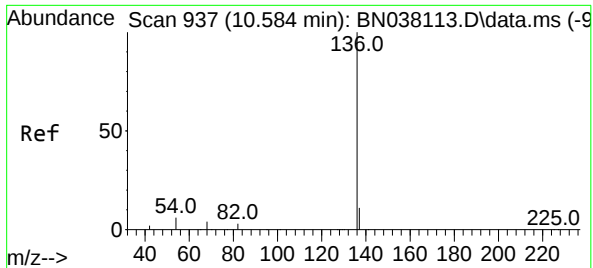
Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.7	45.4	68.0
63	26.4	23.2	34.8



#5
Phenol-d6
Concen: 0.151 ng
RT: 6.937 min Scan# 534
Delta R.T. 0.000 min
Lab File: BN038155.D
Acq: 07 Nov 2025 15:33

Tgt Ion	Ratio	Lower	Upper
99	100		
42	65.6	16.6	24.8#
71	0.0	25.4	38.2#

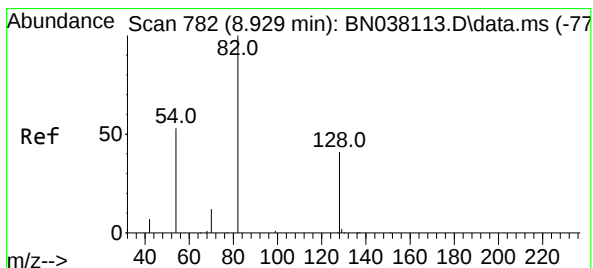
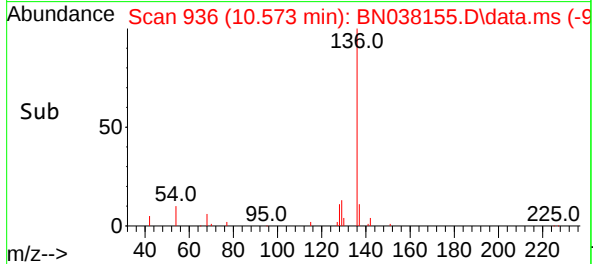
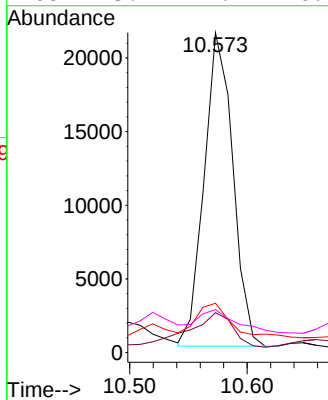
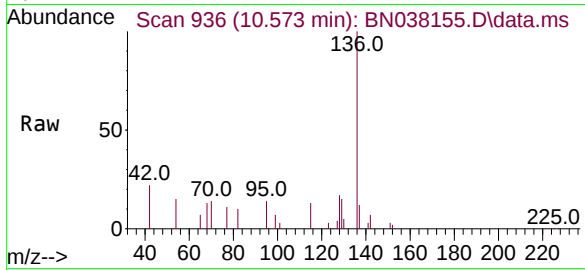




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 936
Delta R.T. 0.000 min
Lab File: BN038155.D
Acq: 07 Nov 2025 15:33

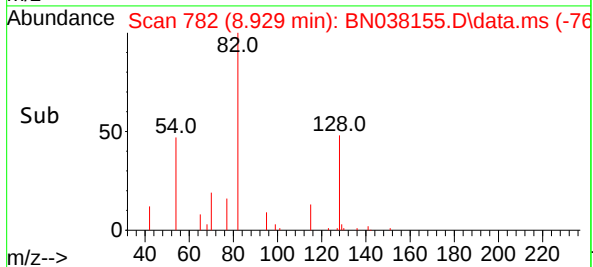
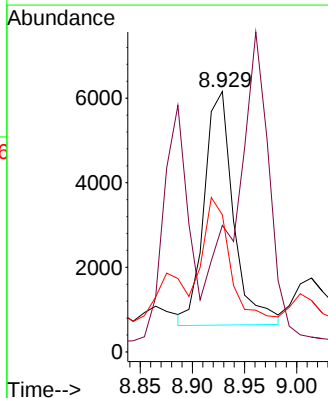
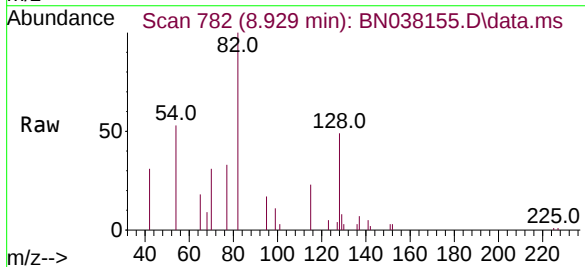
Instrument :
BNA_N
ClientSampleId :
MW-EB-1

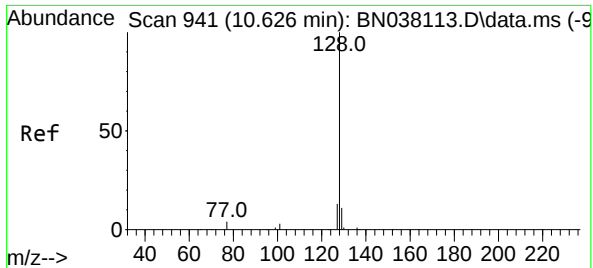
Tgt Ion:	136	Resp:	36113
Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.0	13.4
54	15.4	5.2	7.8#
68	13.4	4.1	6.1#



#8
Nitrobenzene-d5
Concen: 0.372 ng
RT: 8.929 min Scan# 782
Delta R.T. 0.000 min
Lab File: BN038155.D
Acq: 07 Nov 2025 15:33

Tgt Ion:	82	Resp:	10835
Ion	Ratio	Lower	Upper
82	100		
128	48.6	34.1	51.1
54	52.6	43.5	65.3

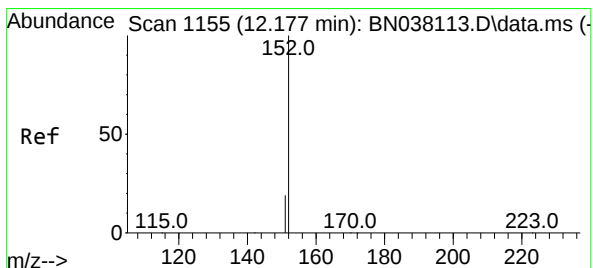
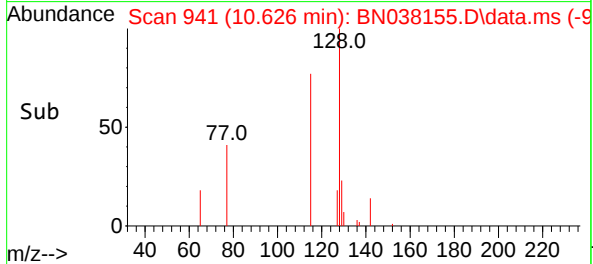
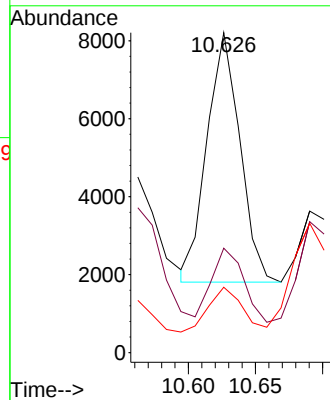
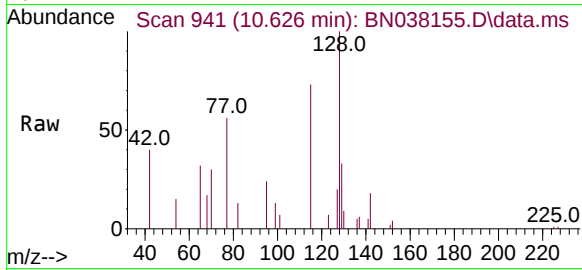




#9
Naphthalene
Concen: 0.110 ng
RT: 10.626 min Scan# 941
Delta R.T. 0.000 min
Lab File: BN038155.D
Acq: 07 Nov 2025 15:33

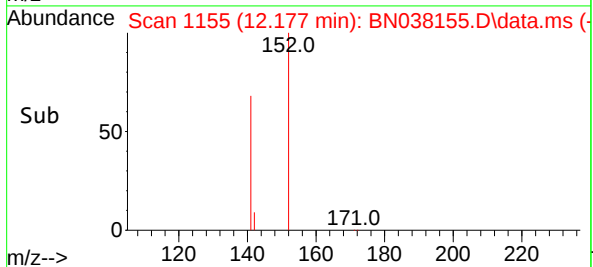
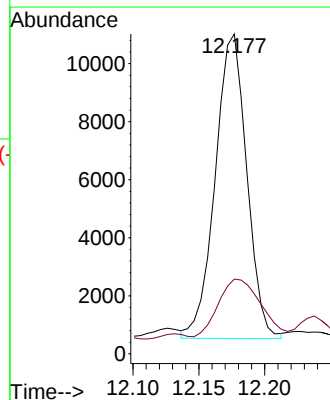
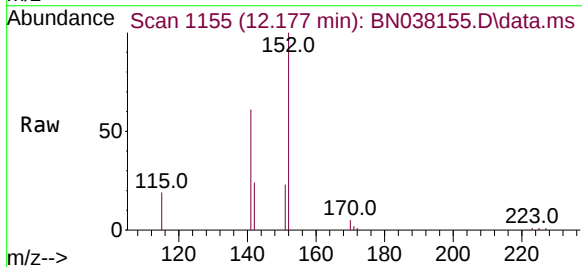
Instrument :
BNA_N
ClientSampleId :
MW-EB-1

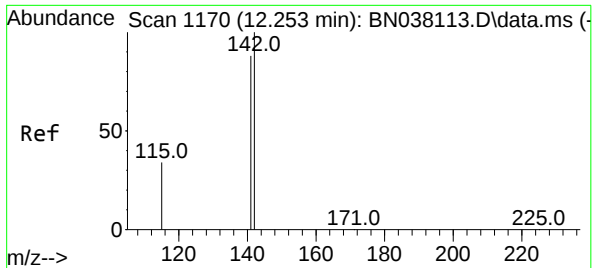
Tgt Ion:128 Resp: 10942
Ion Ratio Lower Upper
128 100
129 32.6 9.1 13.7#
127 20.4 10.5 15.7#



#11
2-Methylnaphthalene-d10
Concen: 0.338 ng
RT: 12.177 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BN038155.D
Acq: 07 Nov 2025 15:33

Tgt Ion:152 Resp: 17454
Ion Ratio Lower Upper
152 100
151 25.6 16.8 25.2#





#12

2-Methylnaphthalene

Concen: 0.402 ng

RT: 12.248 min Scan# 1169

Delta R.T. 0.000 min

Lab File: BN038155.D

Acq: 07 Nov 2025 15:33

Instrument :

BNA_N

ClientSampleId :

MW-EB-1

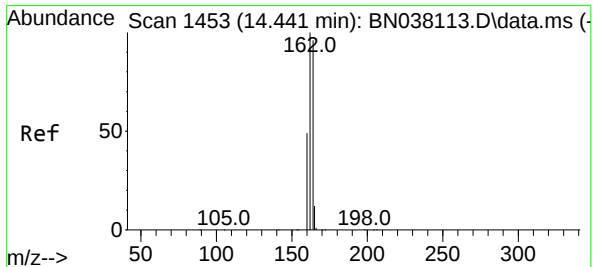
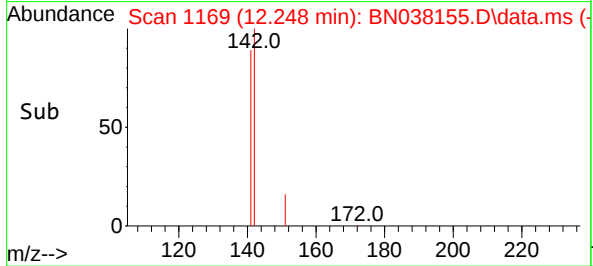
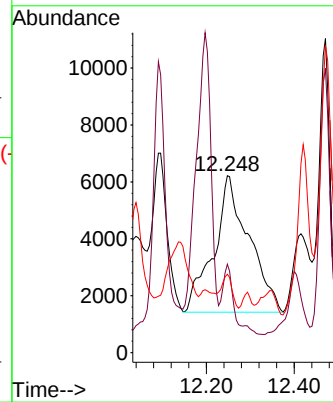
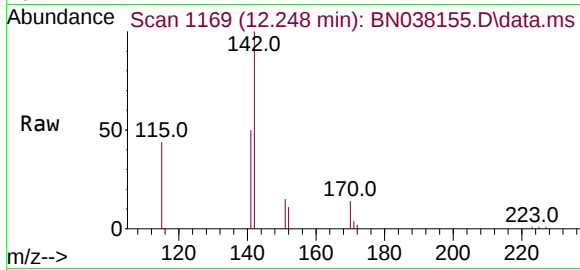
Tgt Ion:142 Resp: 26668

Ion Ratio Lower Upper

142 100

141 50.0 70.3 105.5#

115 44.2 27.8 41.6#



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.430 min Scan# 1452

Delta R.T. 0.000 min

Lab File: BN038155.D

Acq: 07 Nov 2025 15:33

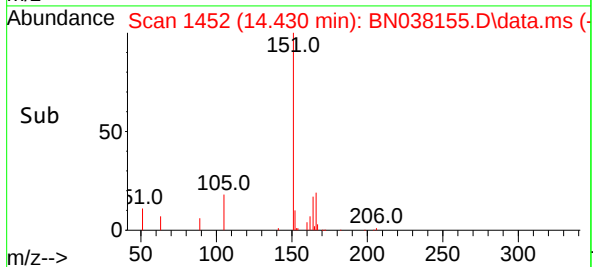
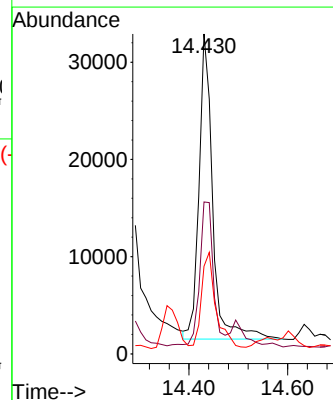
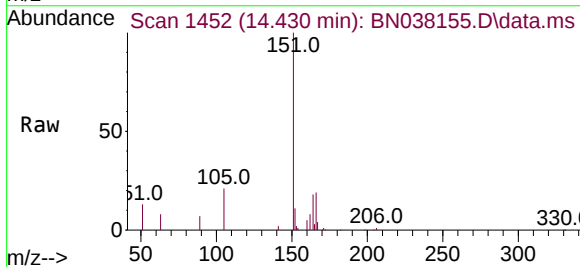
Tgt Ion:164 Resp: 60230

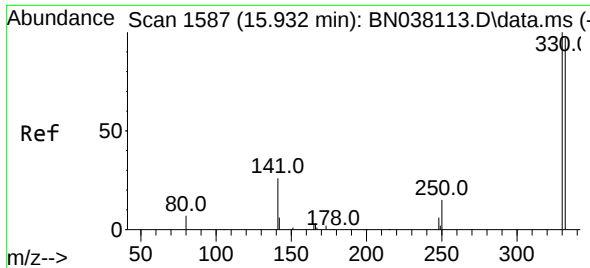
Ion Ratio Lower Upper

164 100

162 47.5 83.0 124.4#

160 27.4 40.7 61.1#

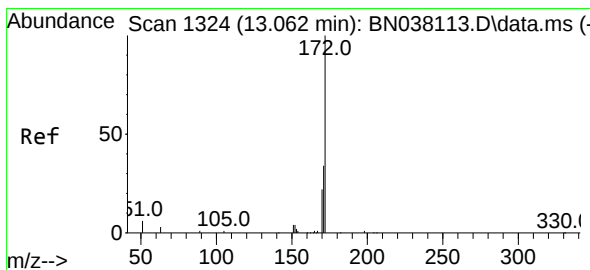
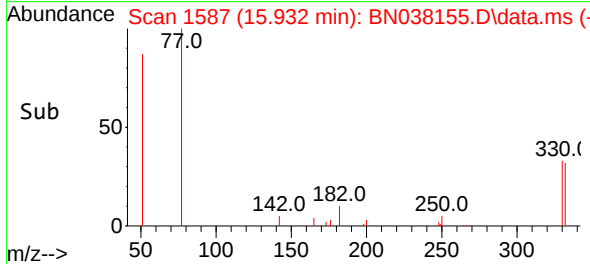
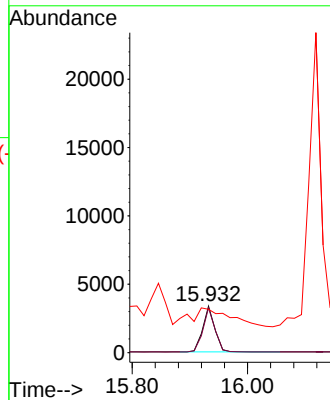
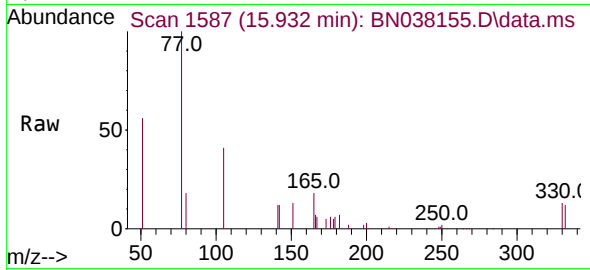




#14
2,4,6-Tribromophenol
Concen: 0.194 ng
RT: 15.932 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN038155.D
Acq: 07 Nov 2025 15:33

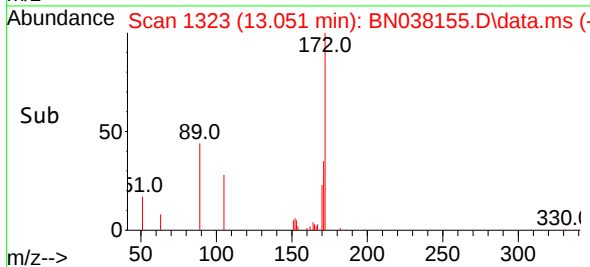
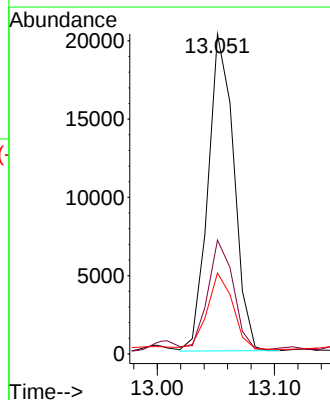
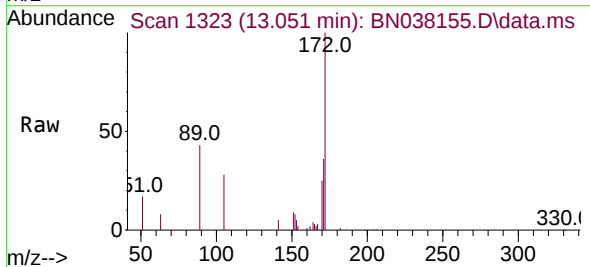
Instrument :
BNA_N
ClientSampleId :
MW-EB-1

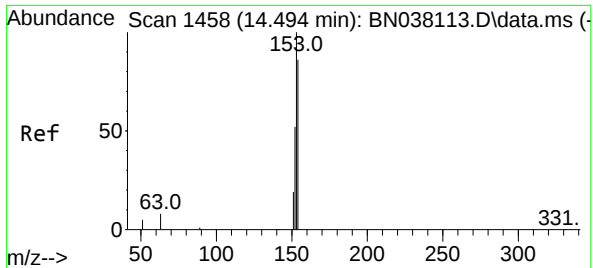
Tgt Ion: 330 Resp: 4807
Ion Ratio Lower Upper
330 100
332 96.5 76.6 114.8
141 125.5 34.1 51.1#



#15
2-Fluorobiphenyl
Concen: 0.129 ng
RT: 13.051 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BN038155.D
Acq: 07 Nov 2025 15:33

Tgt Ion: 172 Resp: 31043
Ion Ratio Lower Upper
172 100
171 35.6 27.8 41.6
170 25.3 18.1 27.1

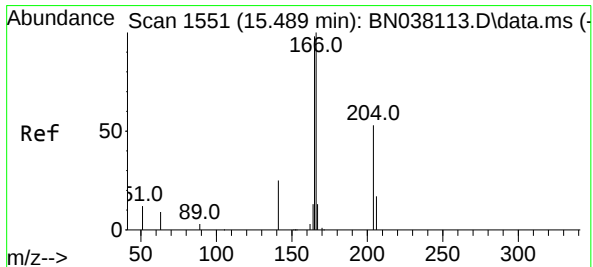
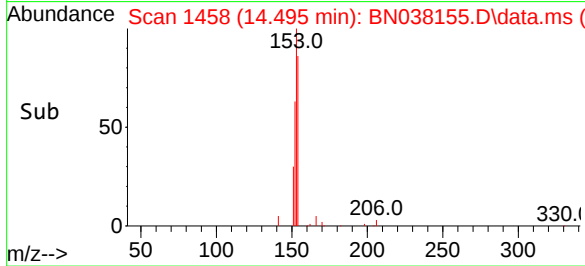
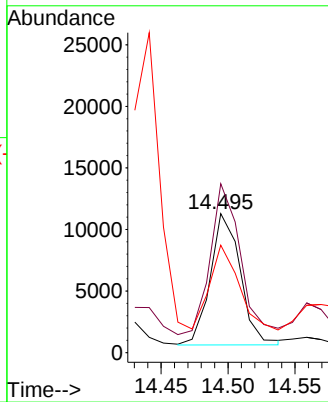
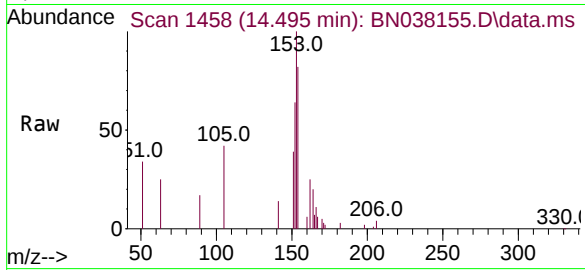




#17
Acenaphthene
Concen: 0.087 ng
RT: 14.495 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BN038155.D
Acq: 07 Nov 2025 15:33

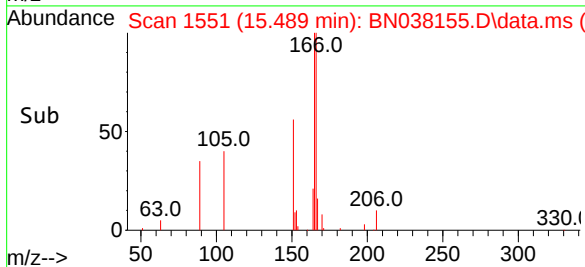
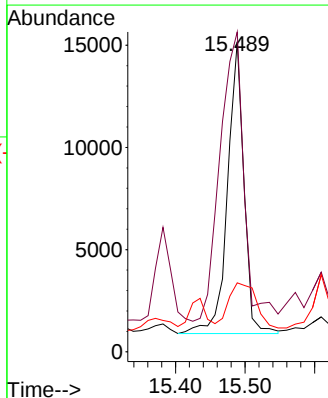
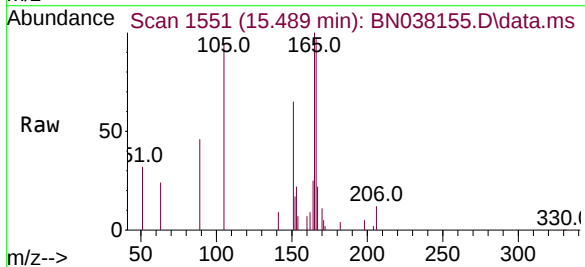
Instrument :
BNA_N
ClientSampleId :
MW-EB-1

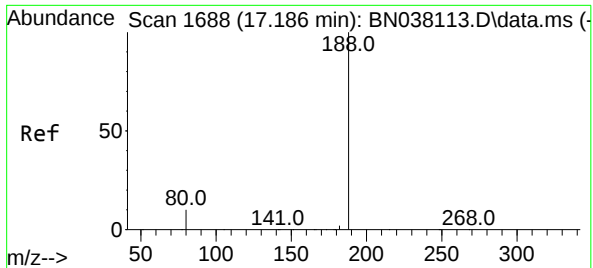
Tgt Ion:154 Resp: 16665
Ion Ratio Lower Upper
154 100
153 113.7 90.0 135.0
152 74.4 47.3 70.9#



#18
Fluorene
Concen: 0.097 ng
RT: 15.489 min Scan# 1551
Delta R.T. -0.000 min
Lab File: BN038155.D
Acq: 07 Nov 2025 15:33

Tgt Ion:166 Resp: 24274
Ion Ratio Lower Upper
166 100
165 143.9 79.0 118.4#
167 25.8 10.7 16.1#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.186 min Scan# 1688

Delta R.T. 0.000 min

Lab File: BN038155.D

Acq: 07 Nov 2025 15:33

Instrument :

BNA_N

ClientSampleId :

MW-EB-1

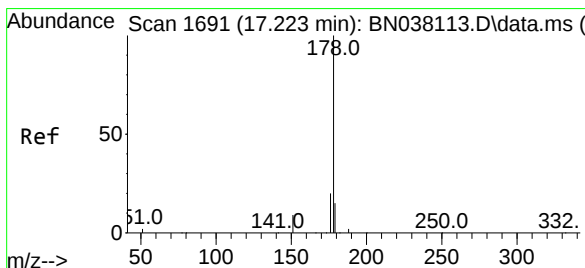
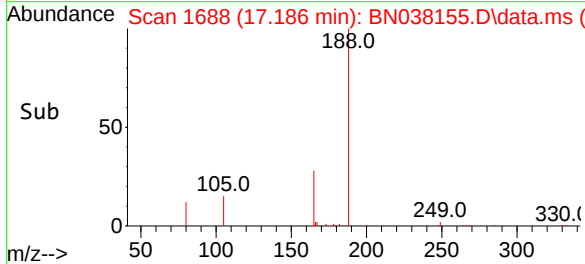
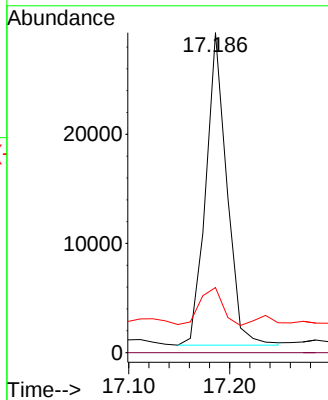
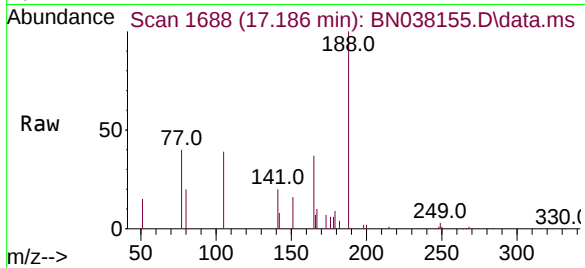
Tgt Ion:188 Resp: 41457

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 20.3 8.6 13.0#



#25

Phenanthrene

Concen: 0.060 ng

RT: 17.223 min Scan# 1691

Delta R.T. 0.000 min

Lab File: BN038155.D

Acq: 07 Nov 2025 15:33

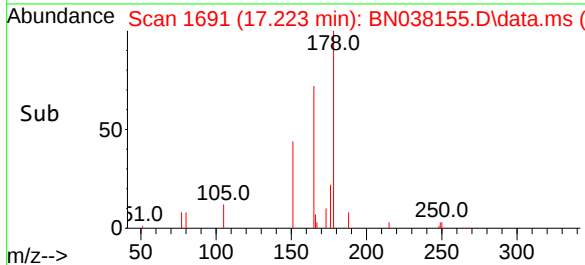
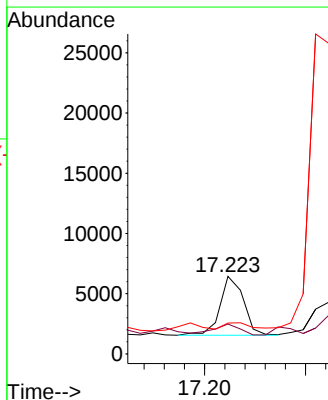
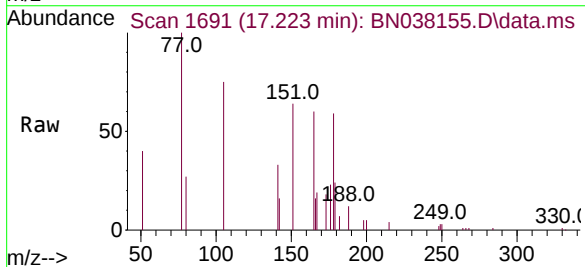
Tgt Ion:178 Resp: 7934

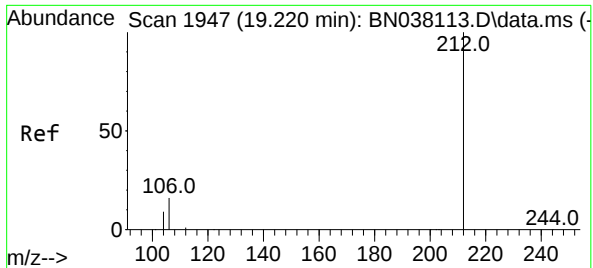
Ion Ratio Lower Upper

178 100

176 20.5 15.5 23.3

179 0.0 12.2 18.4#





#27

Fluoranthene-d10

Concen: 0.356 ng

RT: 19.220 min Scan# 1947

Delta R.T. 0.000 min

Lab File: BN038155.D

Acq: 07 Nov 2025 15:33

Instrument :

BNA_N

ClientSampleId :

MW-EB-1

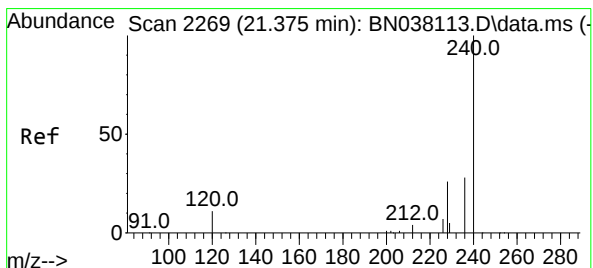
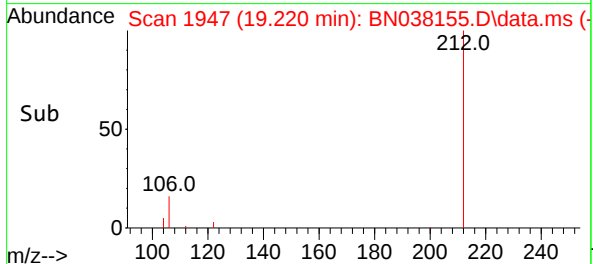
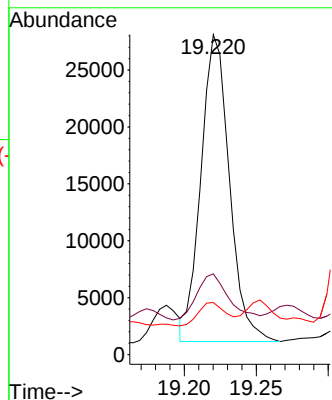
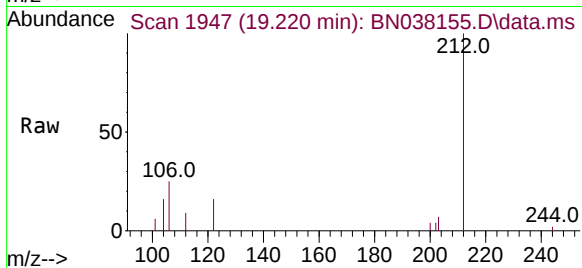
Tgt Ion:212 Resp: 37172

Ion Ratio Lower Upper

212 100

106 19.7 12.6 19.0#

104 8.1 7.1 10.7



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.375 min Scan# 2269

Delta R.T. 0.000 min

Lab File: BN038155.D

Acq: 07 Nov 2025 15:33

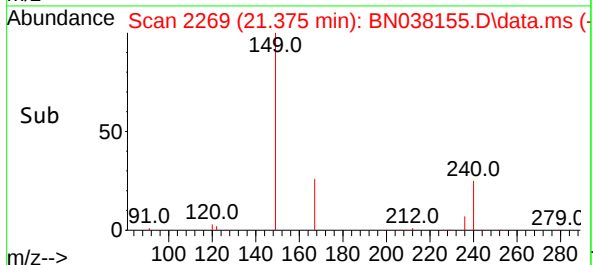
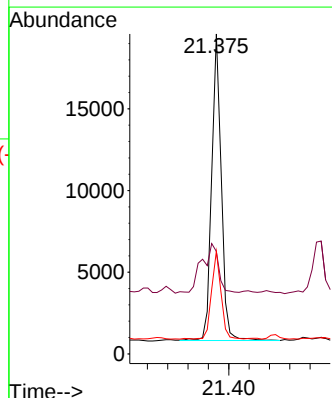
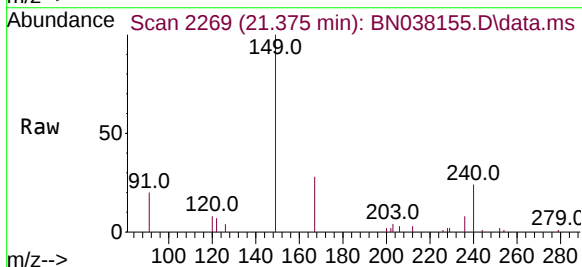
Tgt Ion:240 Resp: 24620

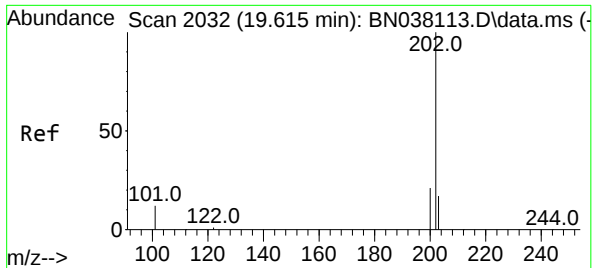
Ion Ratio Lower Upper

240 100

120 32.0 10.7 16.1#

236 32.1 23.1 34.7

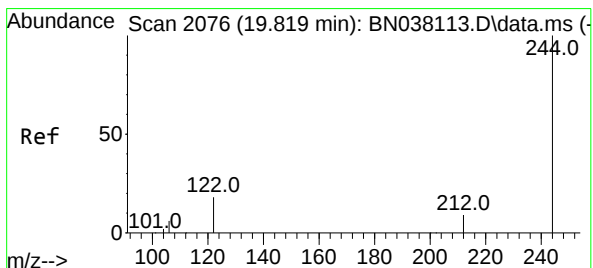
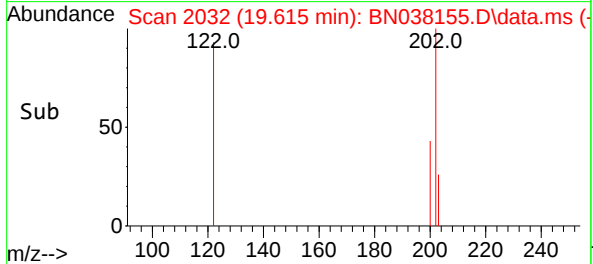
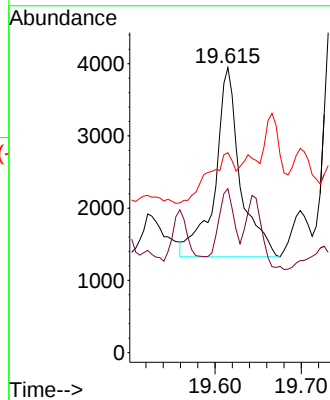
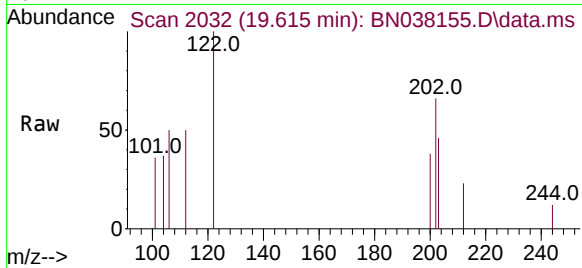




#30
Pyrene
Concen: 0.048 ng
RT: 19.615 min Scan# 2032
Delta R.T. 0.005 min
Lab File: BN038155.D
Acq: 07 Nov 2025 15:33

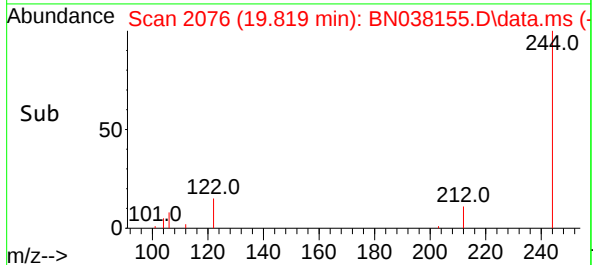
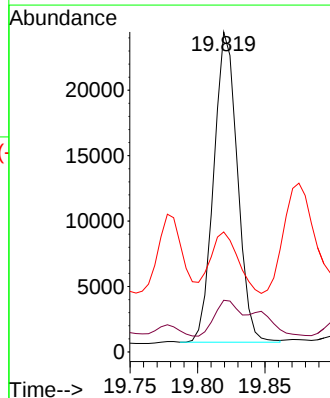
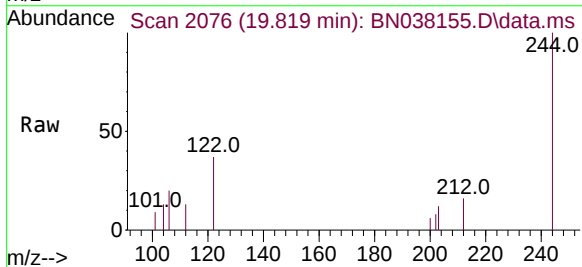
Instrument :
BNA_N
ClientSampleId :
MW-EB-1

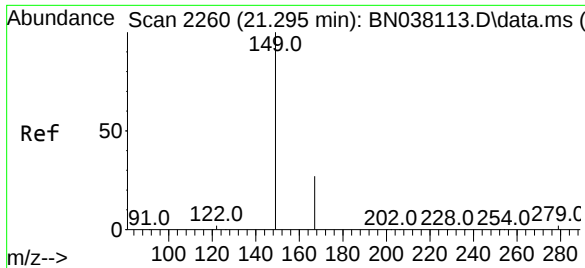
Tgt Ion:	202	Resp:	5283
Ion	Ratio	Lower	Upper
202	100		
200	23.6	16.7	25.1
203	27.2	14.2	21.2



#31
Terphenyl-d14
Concen: 0.542 ng
RT: 19.819 min Scan# 2076
Delta R.T. 0.000 min
Lab File: BN038155.D
Acq: 07 Nov 2025 15:33

Tgt Ion:	244	Resp:	28988
Ion	Ratio	Lower	Upper
244	100		
212	16.1	7.8	11.6
122	37.5	15.2	22.8

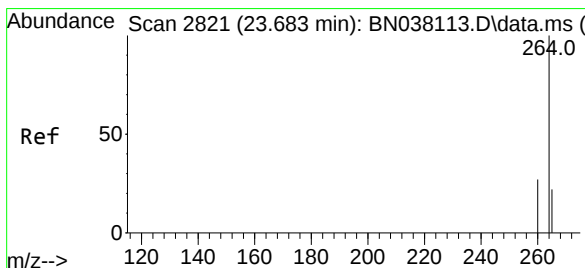
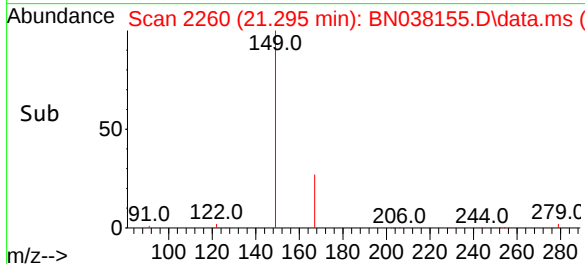
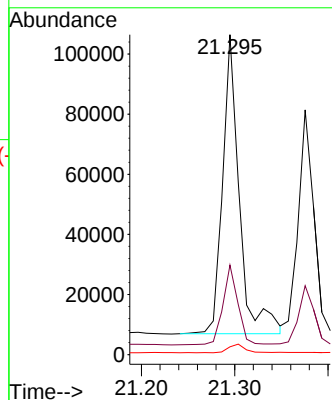
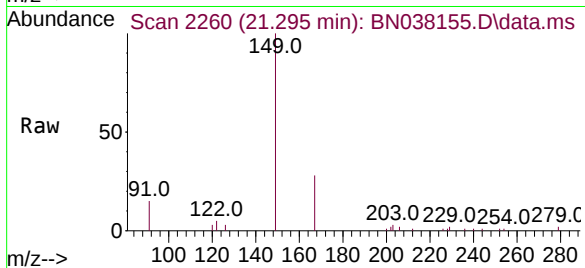




#34
Bis(2-ethylhexyl)phthalate
Concen: 2.682 ng
RT: 21.295 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN038155.D
Acq: 07 Nov 2025 15:33

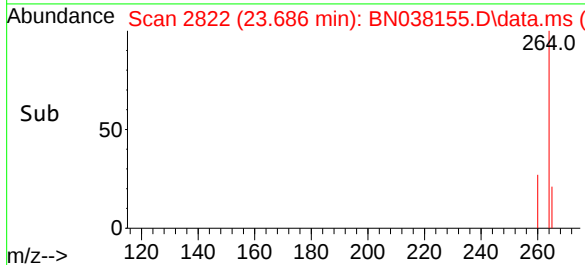
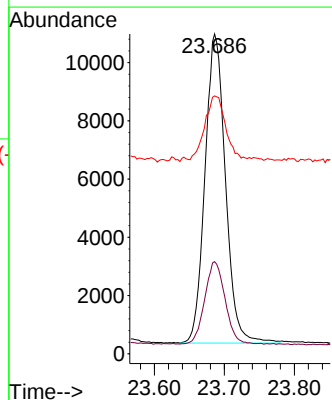
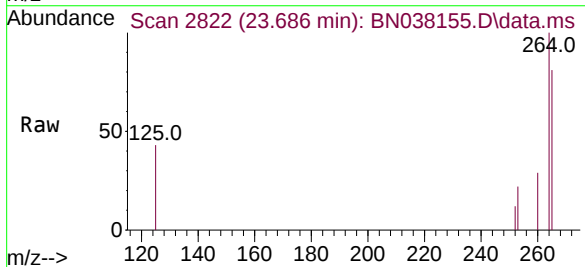
Instrument :
BNA_N
ClientSampleId :
MW-EB-1

Tgt Ion:149 Resp: 124078
Ion Ratio Lower Upper
149 100
167 23.9 21.1 31.7
279 3.1 2.9 4.3



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.686 min Scan# 2822
Delta R.T. 0.006 min
Lab File: BN038155.D
Acq: 07 Nov 2025 15:33

Tgt Ion:264 Resp: 21598
Ion Ratio Lower Upper
264 100
260 28.8 21.8 32.8
265 80.6 68.6 102.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111025\
 Data File : BN038176.D
 Acq On : 10 Nov 2025 11:26
 Operator : RC/JU
 Sample : Q3534-05DL 2X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-EB-1DL

A
B
C
D
E
F
G
H
I
J
K

Quant Time: Nov 10 11:53:56 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 29 13:09:46 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

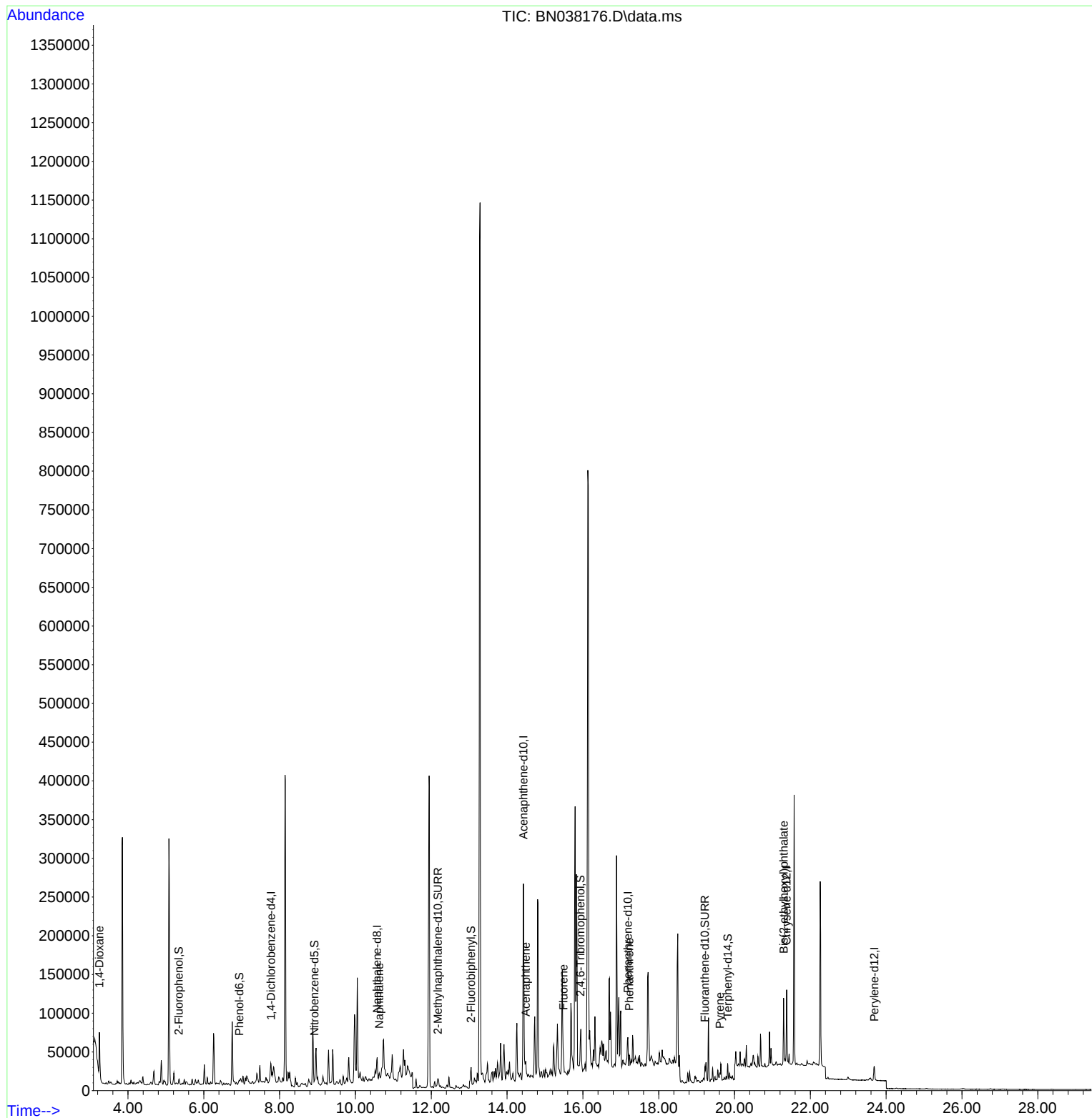
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	9993	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	33147	0.400	ng	# 0.00
13) Acenaphthene-d10	14.430	164	39685	0.400	ng	# 0.00
19) Phenanthrene-d10	17.186	188	43630	0.400	ng	# 0.00
29) Chrysene-d12	21.375	240	31483	0.400	ng	# 0.00
35) Perylene-d12	23.686	264	25895	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.341	112	3513	0.149	ng	0.00
5) Phenol-d6	6.937	99	2646	0.092	ng	0.00
8) Nitrobenzene-d5	8.918	82	5197	0.194	ng	-0.01
11) 2-Methylnaphthalene-d10	12.172	152	9040	0.191	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	2560	0.157	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	16824	0.106	ng	0.00
27) Fluoranthene-d10	19.220	212	22271	0.202	ng	0.00
31) Terphenyl-d14	19.819	244	18892	0.276	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.247	88	34359	3.328	ng	# 62
9) Naphthalene	10.626	128	5986	0.066	ng	# 63
17) Acenaphthene	14.494	154	8783	0.070	ng	# 93
18) Fluorene	15.489	166	12858	0.078	ng	# 61
25) Phenanthrene	17.223	178	6676	0.048	ng	# 81
30) Pyrene	19.615	202	8875	0.062	ng	# 83
34) Bis(2-ethylhexyl)phtha...	21.295	149	80278	1.357	ng	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

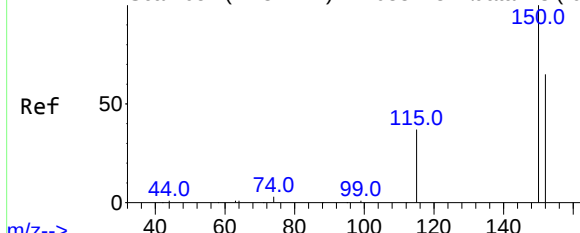
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111025\
Data File : BN038176.D
Acq On : 10 Nov 2025 11:26
Operator : RC/JU
Sample : Q3534-05DL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-EB-1DL

Quant Time: Nov 10 11:53:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration



Abundance Scan 651 (7.782 min): BN038113.D\data.ms (-64



#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.775 min Scan# 61

Delta R.T. -0.000 min

Lab File: BN038176.D

Acq: 10 Nov 2025 11:26

Instrument :

BNA_N

ClientSampleId :

MW-EB-1DL

Tgt Ion:152 Resp: 9993

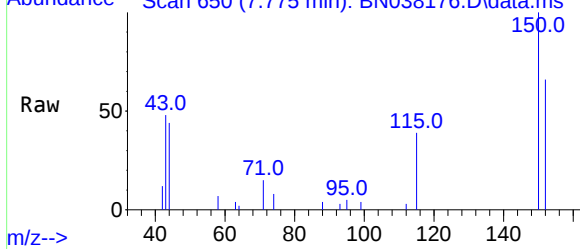
Ion Ratio Lower Upper

152 100

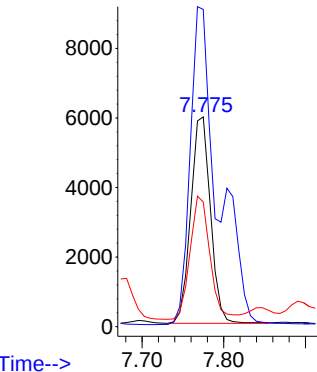
150 151.2 122.3 183.5

115 59.4 47.4 71.0

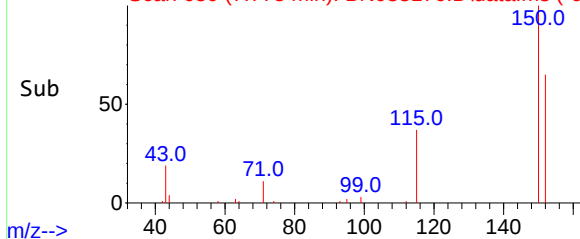
Abundance Scan 650 (7.775 min): BN038176.D\data.ms



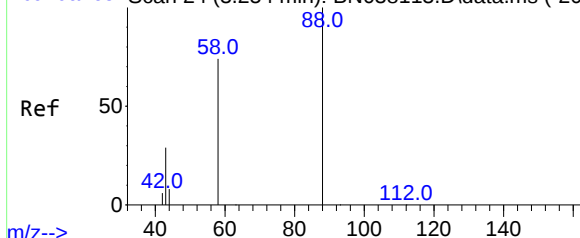
Abundance



Abundance Scan 650 (7.775 min): BN038176.D\data.ms (-62



Abundance Scan 24 (3.254 min): BN038113.D\data.ms (-20)



#2

1,4-Dioxane

Concen: 3.328 ng

RT: 3.247 min Scan# 23

Delta R.T. -0.007 min

Lab File: BN038176.D

Acq: 10 Nov 2025 11:26

Tgt Ion: 88 Resp: 34359

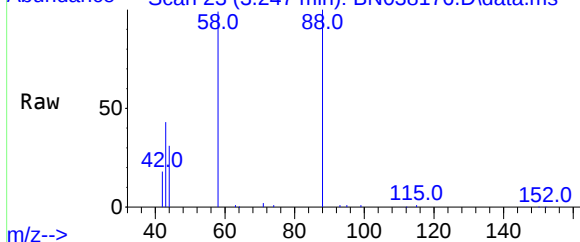
Ion Ratio Lower Upper

88 100

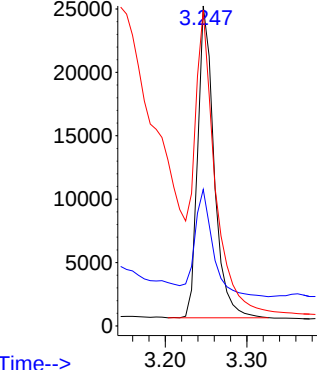
43 38.6 24.3 36.5#

58 116.4 60.4 90.6#

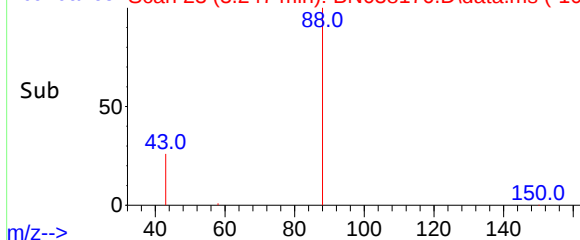
Abundance Scan 23 (3.247 min): BN038176.D\data.ms



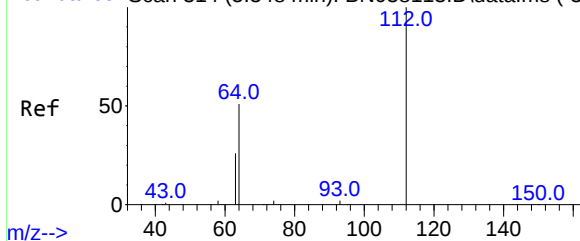
Abundance



Abundance Scan 23 (3.247 min): BN038176.D\data.ms (-10)



Abundance Scan 314 (5.348 min): BN038113.D\data.ms (-30



#4

2-Fluorophenol

Concen: 0.149 ng

RT: 5.341 min Scan# 31

Delta R.T. -0.007 min

Lab File: BN038176.D

Acq: 10 Nov 2025 11:26

Instrument :

BNA_N

ClientSampleId :

MW-EB-1DL

Tgt Ion:112 Resp: 3513

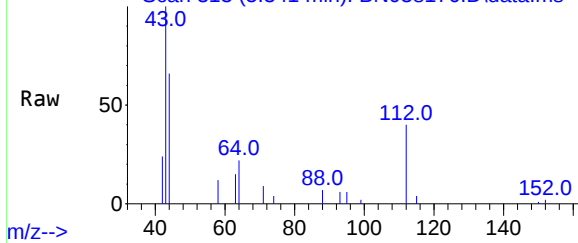
Ion Ratio Lower Upper

112 100

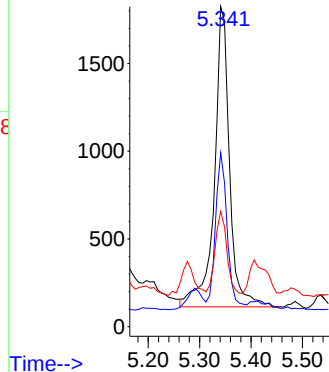
64 40.0 45.4 68.0#

63 21.9 23.2 34.8#

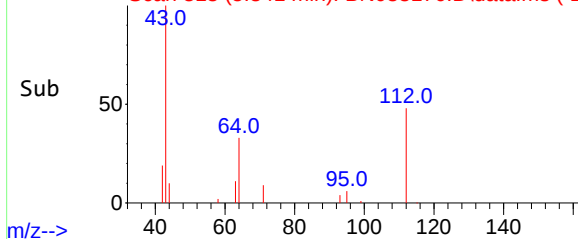
Abundance Scan 313 (5.341 min): BN038176.D\data.ms



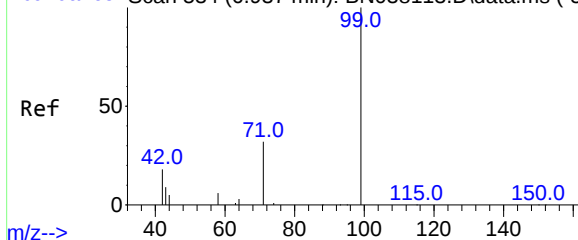
Abundance



Abundance Scan 313 (5.341 min): BN038176.D\data.ms (-28



Abundance Scan 534 (6.937 min): BN038113.D\data.ms (-52



#5

Phenol-d6

Concen: 0.092 ng

RT: 6.937 min Scan# 534

Delta R.T. -0.000 min

Lab File: BN038176.D

Acq: 10 Nov 2025 11:26

Tgt Ion: 99 Resp: 2646

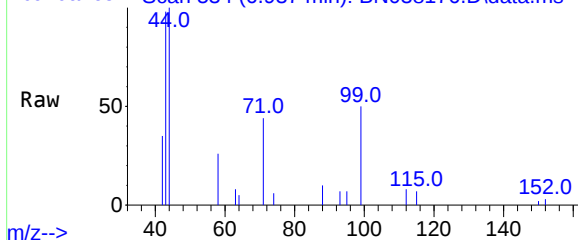
Ion Ratio Lower Upper

99 100

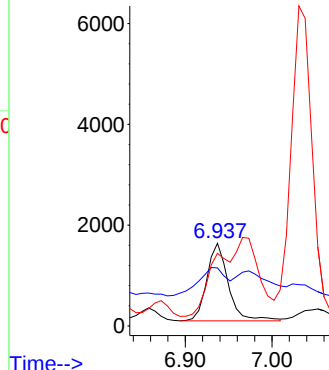
42 47.3 16.6 24.8#

71 86.1 25.4 38.2#

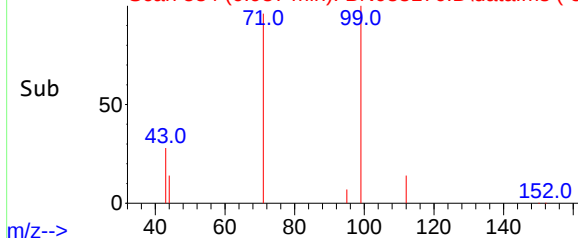
Abundance Scan 534 (6.937 min): BN038176.D\data.ms

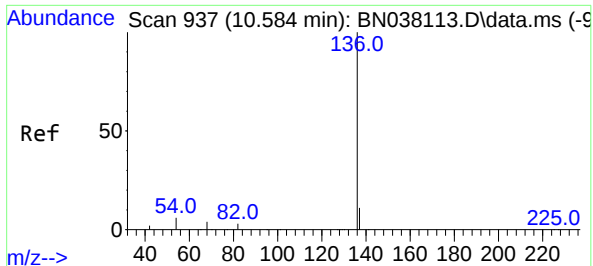


Abundance



Abundance Scan 534 (6.937 min): BN038176.D\data.ms (-50

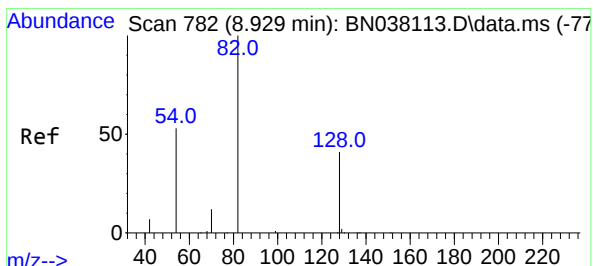
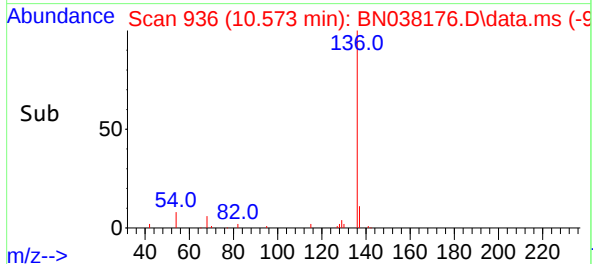
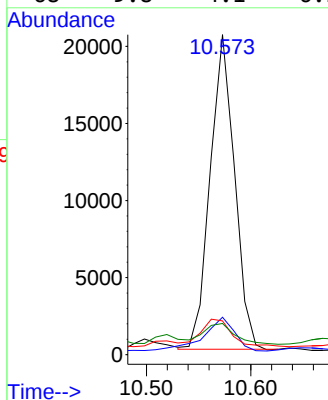
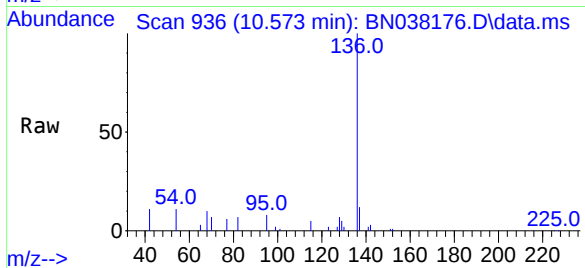




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN038176.D
Acq: 10 Nov 2025 11:26

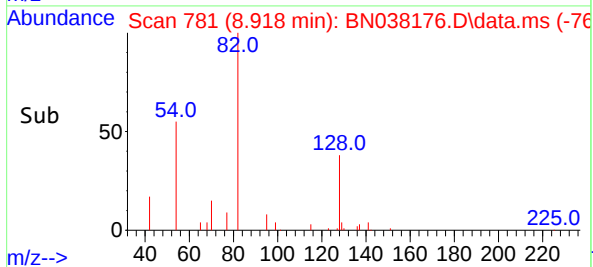
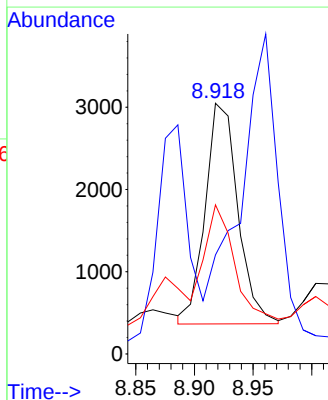
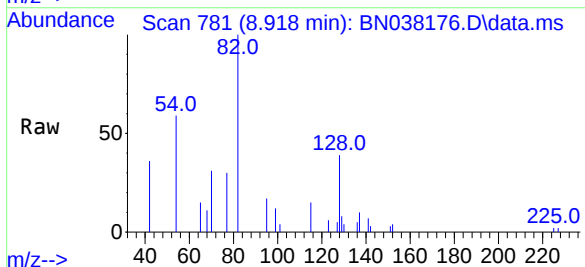
Instrument :
BNA_N
ClientSampleId :
MW-EB-1DL

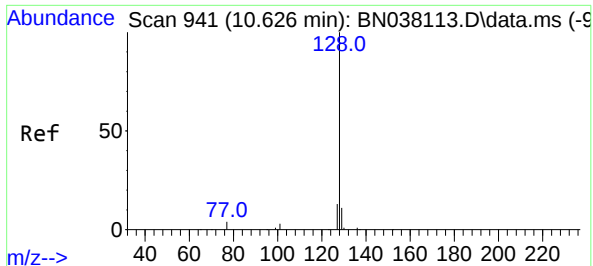
Tgt Ion:136	Resp:	33147
Ion	Ratio	Lower Upper
136	100	
137	11.7	9.0 13.4
54	10.6	5.2 7.8#
68	9.8	4.1 6.1#



#8
Nitrobenzene-d5
Concen: 0.194 ng
RT: 8.918 min Scan# 781
Delta R.T. -0.011 min
Lab File: BN038176.D
Acq: 10 Nov 2025 11:26

Tgt Ion: 82	Resp:	5197
Ion	Ratio	Lower Upper
82	100	
128	39.5	34.1 51.1
54	59.5	43.5 65.3

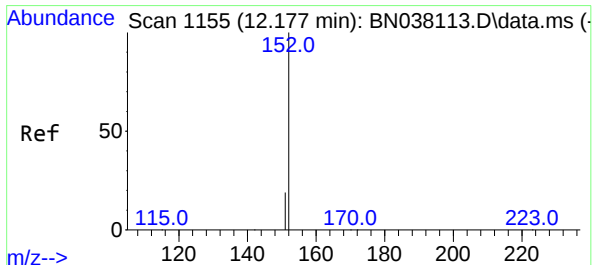
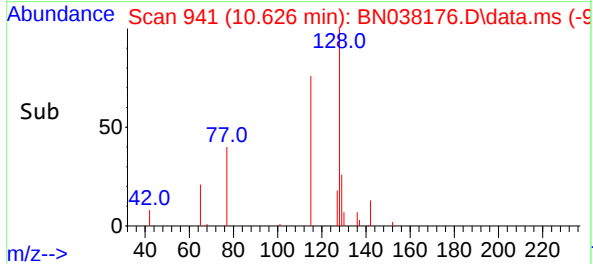
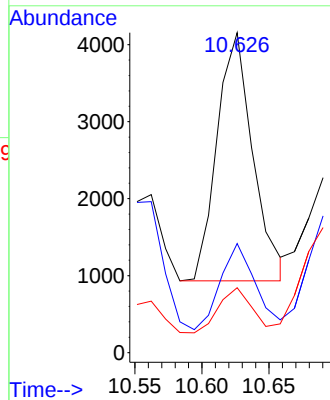
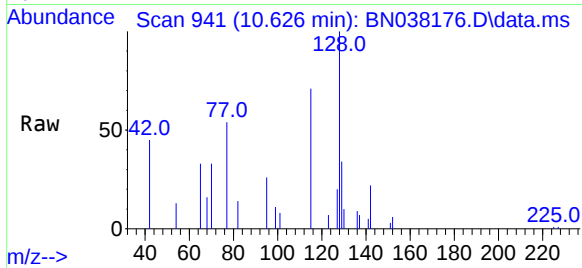




#9
Naphthalene
Concen: 0.066 ng
RT: 10.626 min Scan# 941
Delta R.T. -0.000 min
Lab File: BN038176.D
Acq: 10 Nov 2025 11:26

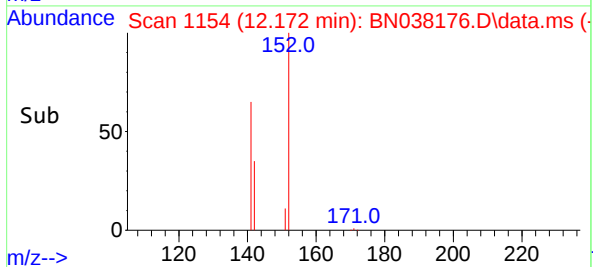
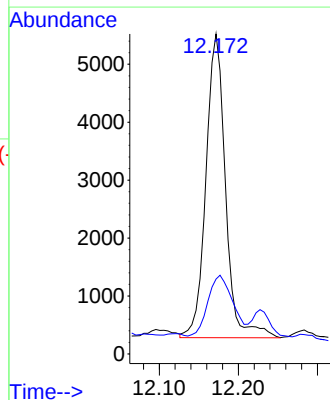
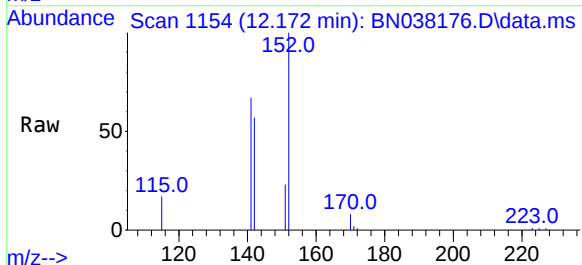
Instrument :
BNA_N
ClientSampleId :
MW-EB-1DL

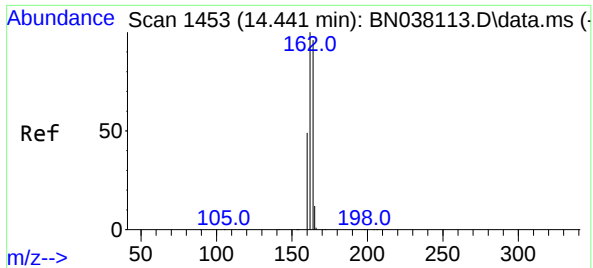
Tgt Ion:128 Resp: 5986
Ion Ratio Lower Upper
128 100
129 34.1 9.1 13.7#
127 20.3 10.5 15.7#



#11
2-Methylnaphthalene-d10
Concen: 0.191 ng
RT: 12.172 min Scan# 1154
Delta R.T. -0.005 min
Lab File: BN038176.D
Acq: 10 Nov 2025 11:26

Tgt Ion:152 Resp: 9040
Ion Ratio Lower Upper
152 100
151 25.8 16.8 25.2#

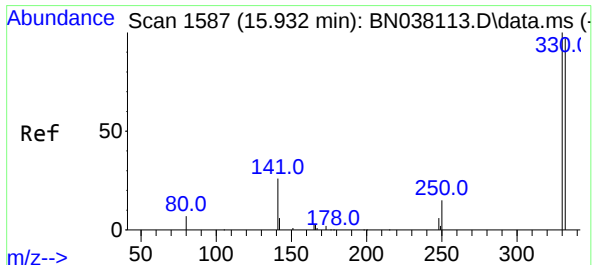
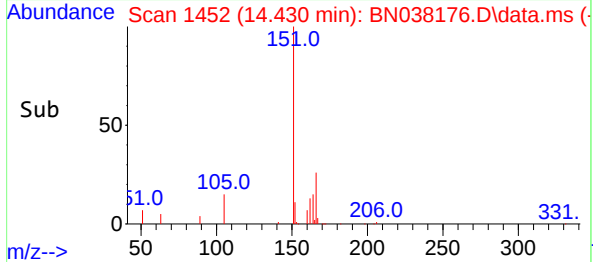
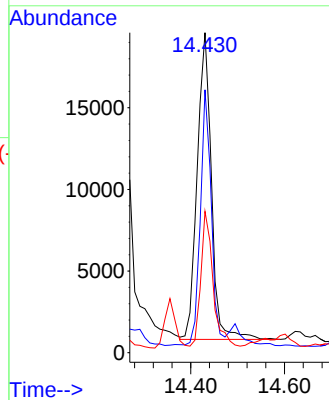
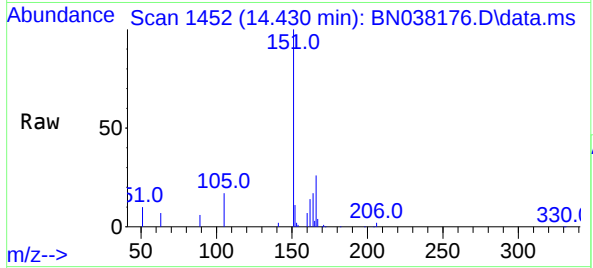




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 1453
Delta R.T. -0.000 min
Lab File: BN038176.D
Acq: 10 Nov 2025 11:26

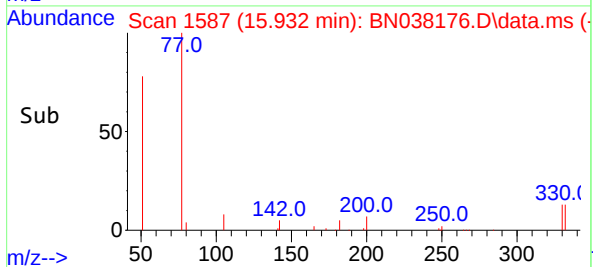
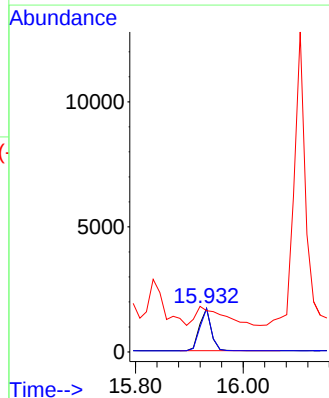
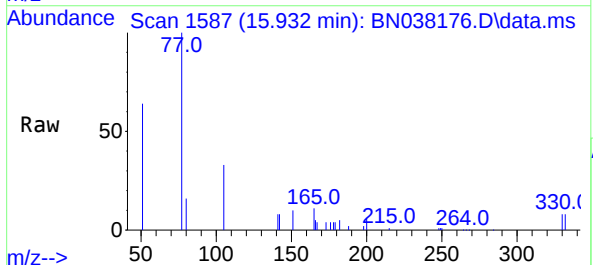
Instrument :
BNA_N
ClientSampleId :
MW-EB-1DL

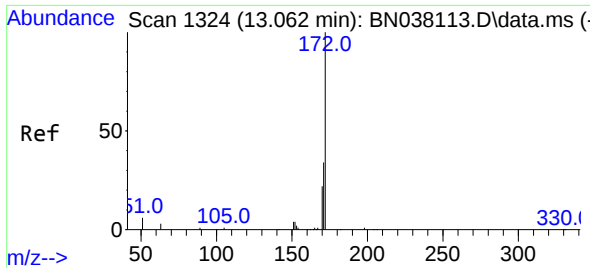
Tgt Ion:164 Resp: 39685
Ion Ratio Lower Upper
164 100
162 82.1 83.0 124.4#
160 44.1 40.7 61.1



#14
2,4,6-Tribromophenol
Concen: 0.157 ng
RT: 15.932 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BN038176.D
Acq: 10 Nov 2025 11:26

Tgt Ion:330 Resp: 2560
Ion Ratio Lower Upper
330 100
332 96.7 76.6 114.8
141 100.4 34.1 51.1#



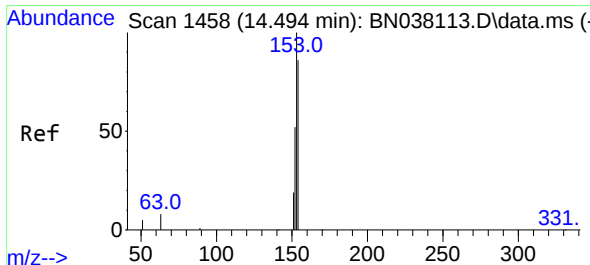
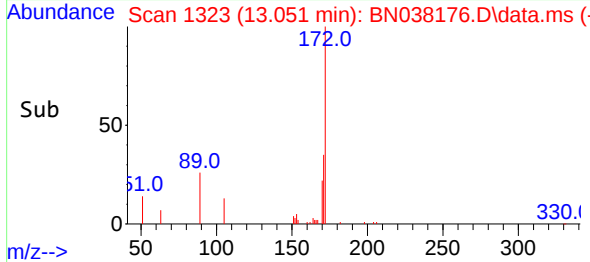
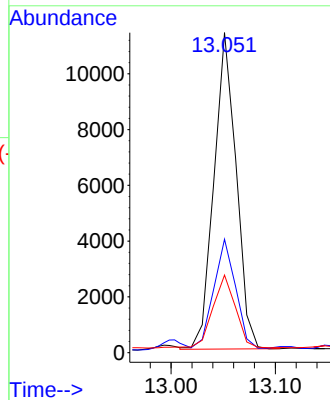
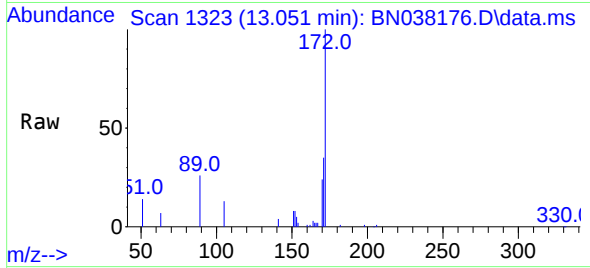


#15
2-Fluorobiphenyl
Concen: 0.106 ng
RT: 13.051 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BN038176.D
Acq: 10 Nov 2025 11:26

Instrument :
BNA_N
ClientSampleId :
MW-EB-1DL

Tgt Ion:172 Resp: 16824

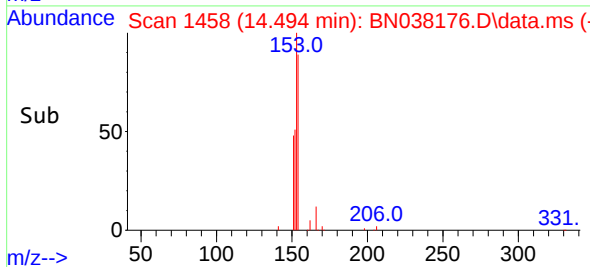
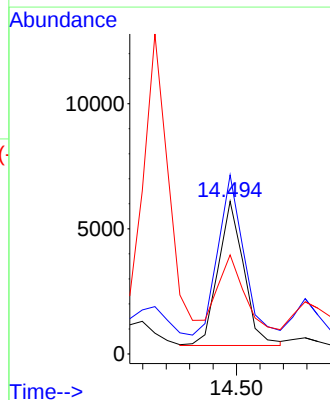
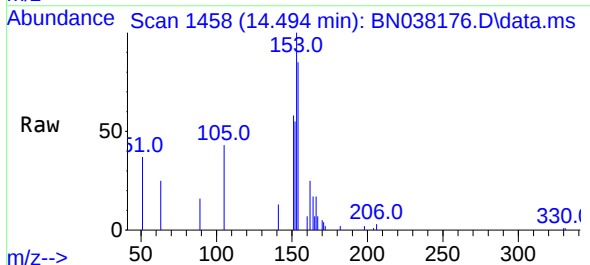
Ion	Ratio	Lower	Upper
172	100		
171	35.4	27.8	41.6
170	24.2	18.1	27.1

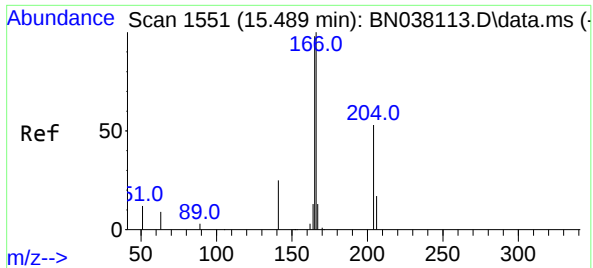


#17
Acenaphthene
Concen: 0.070 ng
RT: 14.494 min Scan# 1458
Delta R.T. -0.000 min
Lab File: BN038176.D
Acq: 10 Nov 2025 11:26

Tgt Ion:154 Resp: 8783

Ion	Ratio	Lower	Upper
154	100		
153	110.4	90.0	135.0
152	71.3	47.3	70.9#

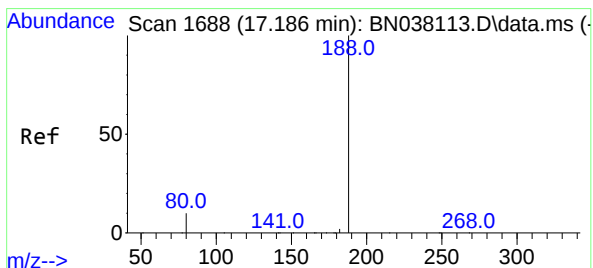
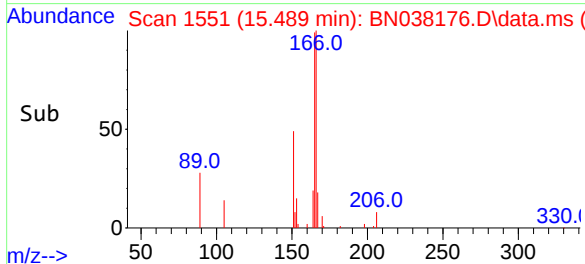
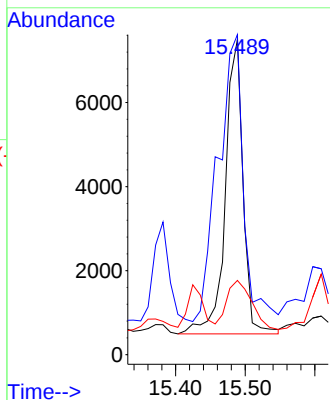
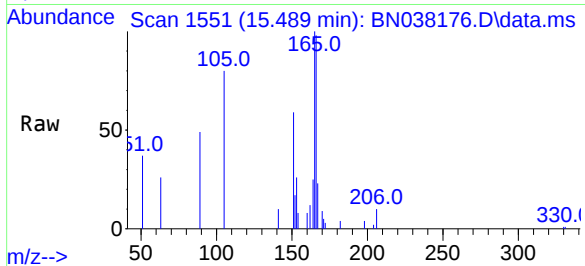




#18
Fluorene
Concen: 0.078 ng
RT: 15.489 min Scan# 1551
Delta R.T. -0.000 min
Lab File: BN038176.D
Acq: 10 Nov 2025 11:26

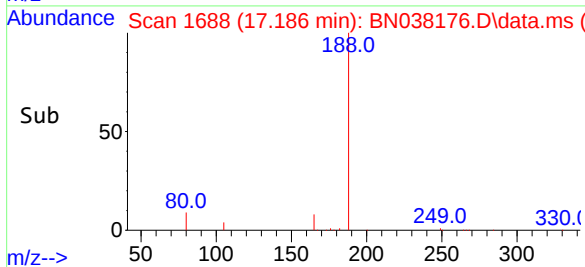
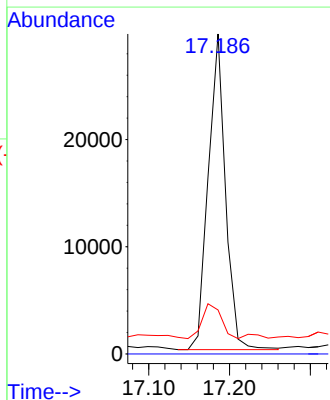
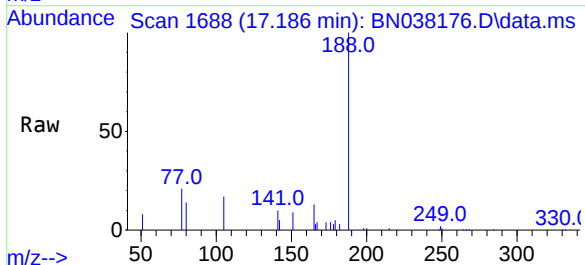
Instrument :
BNA_N
ClientSampleId :
MW-EB-1DL

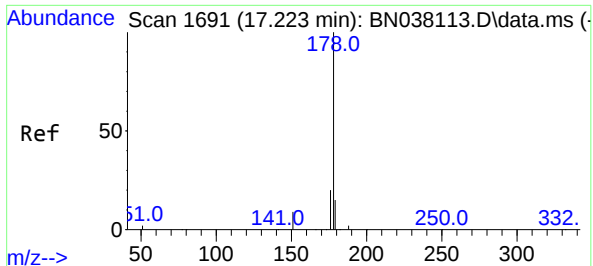
Tgt Ion:166 Resp: 12858
Ion Ratio Lower Upper
166 100
165 138.9 79.0 118.4#
167 23.2 10.7 16.1#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1688
Delta R.T. -0.000 min
Lab File: BN038176.D
Acq: 10 Nov 2025 11:26

Tgt Ion:188 Resp: 43630
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.7 8.6 13.0#

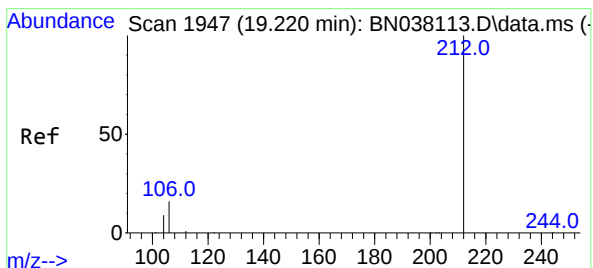
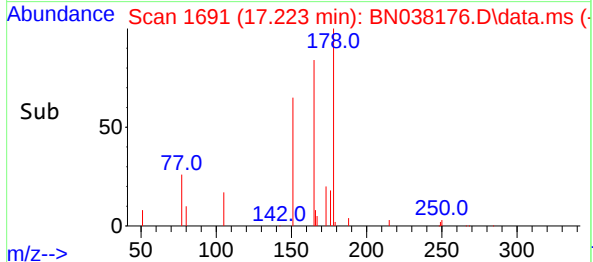
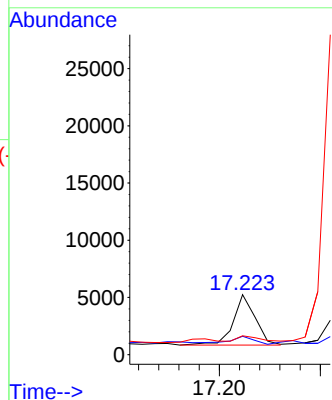
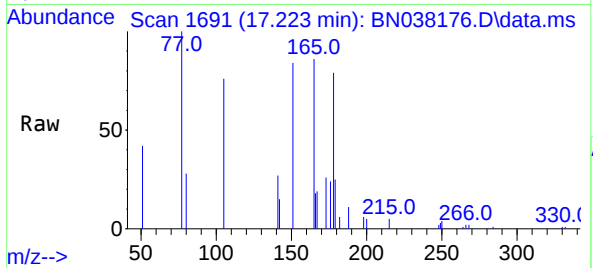




#25
Phenanthrene
Concen: 0.048 ng
RT: 17.223 min Scan# 1691
Delta R.T. -0.000 min
Lab File: BN038176.D
Acq: 10 Nov 2025 11:26

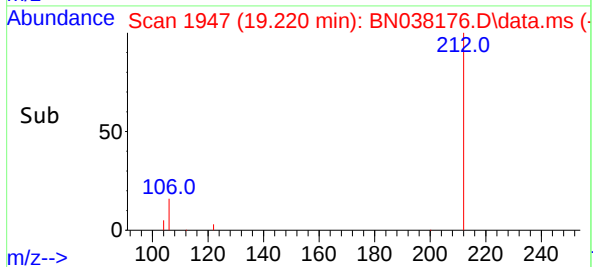
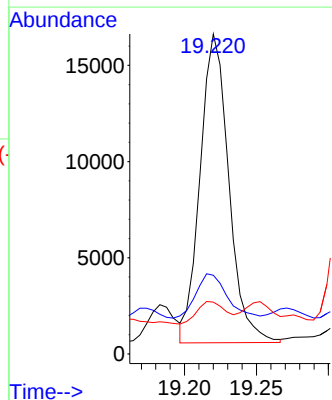
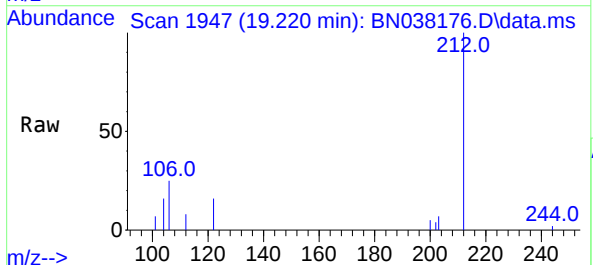
Instrument :
BNA_N
ClientSampleId :
MW-EB-1DL

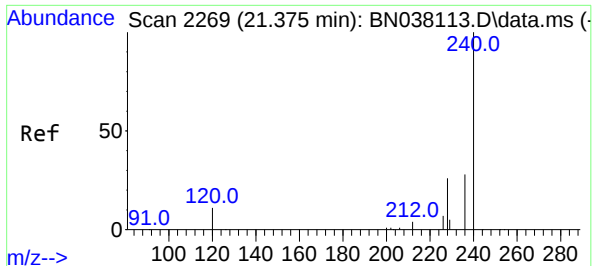
Tgt Ion:178 Resp: 6676
Ion Ratio Lower Upper
178 100
176 16.9 15.5 23.3
179 0.0 12.2 18.4#



#27
Fluoranthene-d10
Concen: 0.202 ng
RT: 19.220 min Scan# 1947
Delta R.T. -0.000 min
Lab File: BN038176.D
Acq: 10 Nov 2025 11:26

Tgt Ion:212 Resp: 22271
Ion Ratio Lower Upper
212 100
106 19.1 12.6 19.0#
104 7.9 7.1 10.7

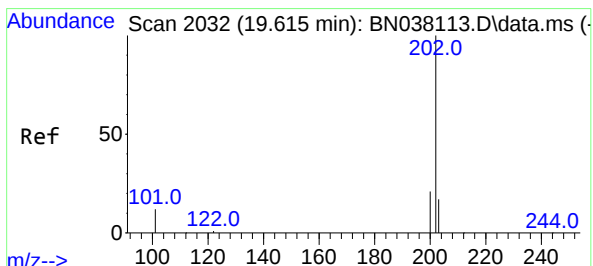
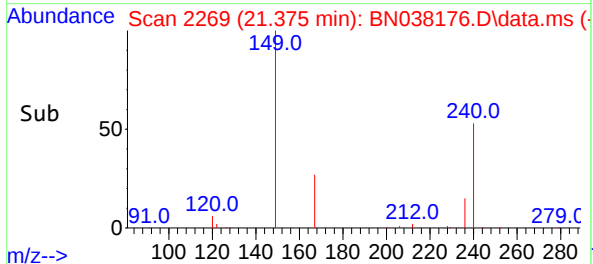
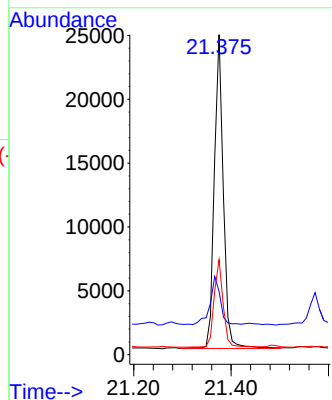
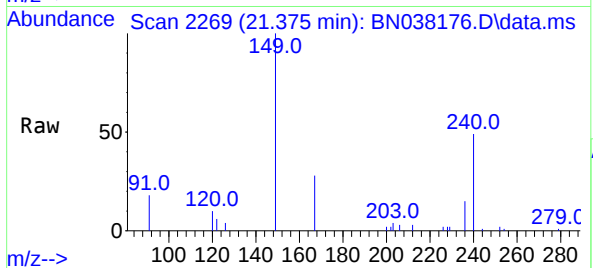




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.375 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN038176.D
Acq: 10 Nov 2025 11:26

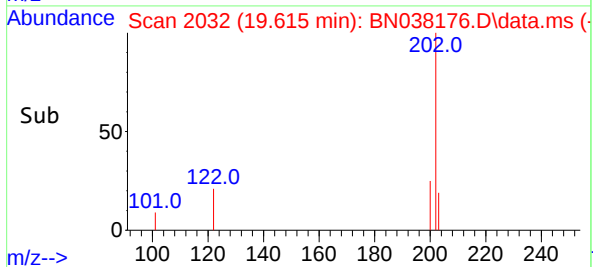
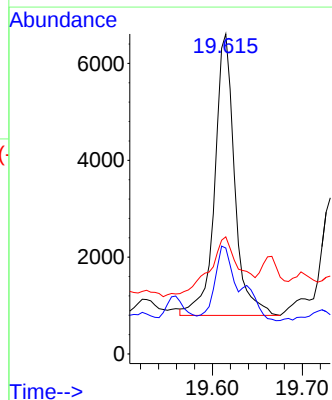
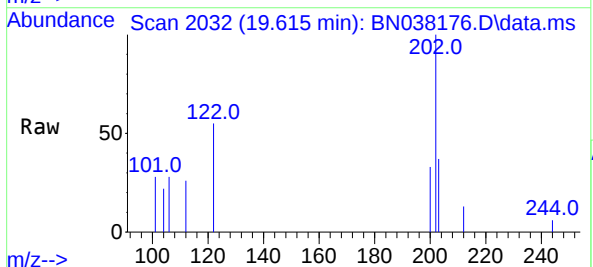
Instrument :
BNA_N
ClientSampleId :
MW-EB-1DL

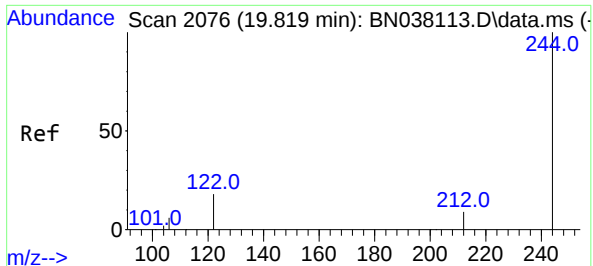
Tgt Ion:240 Resp: 31483
Ion Ratio Lower Upper
240 100
120 19.7 10.7 16.1#
236 29.7 23.1 34.7



#30
Pyrene
Concen: 0.062 ng
RT: 19.615 min Scan# 2032
Delta R.T. 0.005 min
Lab File: BN038176.D
Acq: 10 Nov 2025 11:26

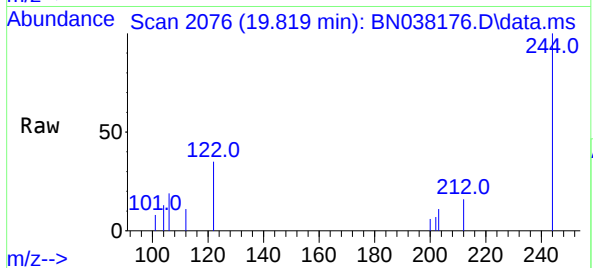
Tgt Ion:202 Resp: 8875
Ion Ratio Lower Upper
202 100
200 21.9 16.7 25.1
203 33.3 14.2 21.2#



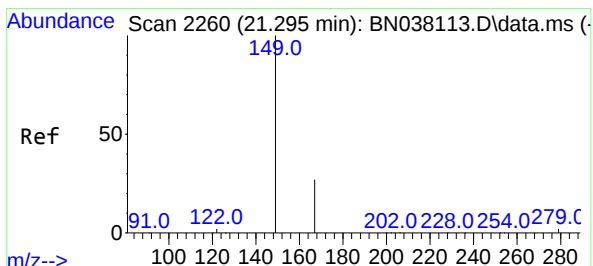
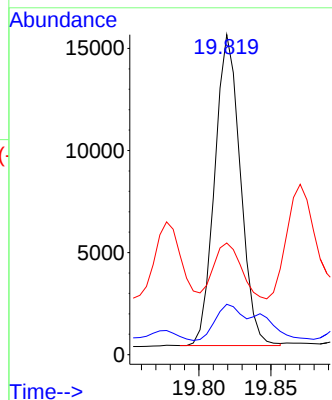


#31
Terphenyl-d14
Concen: 0.276 ng
RT: 19.819 min Scan# 2076
Delta R.T. -0.000 min
Lab File: BN038176.D
Acq: 10 Nov 2025 11:26

Instrument :
BNA_N
ClientSampleId :
MW-EB-1DL

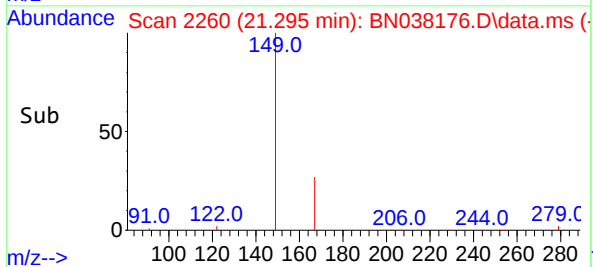
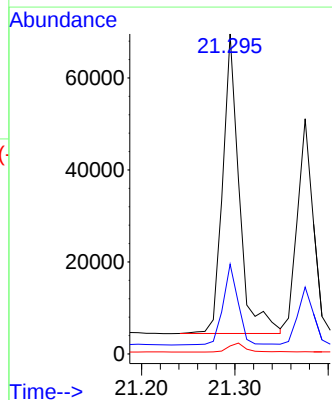
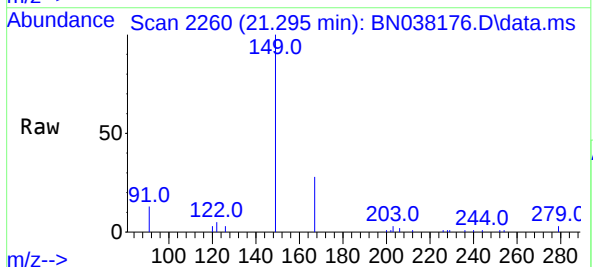


Tgt Ion:244 Resp: 18892
Ion Ratio Lower Upper
244 100
212 15.8 7.8 11.6#
122 34.9 15.2 22.8#

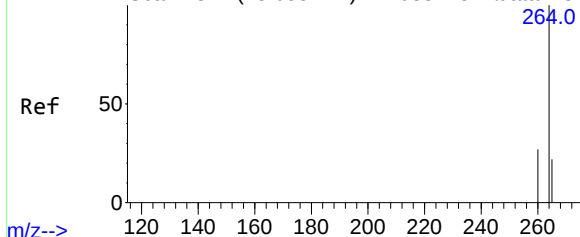


#34
Bis(2-ethylhexyl)phthalate
Concen: 1.357 ng
RT: 21.295 min Scan# 2260
Delta R.T. -0.000 min
Lab File: BN038176.D
Acq: 10 Nov 2025 11:26

Tgt Ion:149 Resp: 80278
Ion Ratio Lower Upper
149 100
167 24.2 21.1 31.7
279 3.2 2.9 4.3

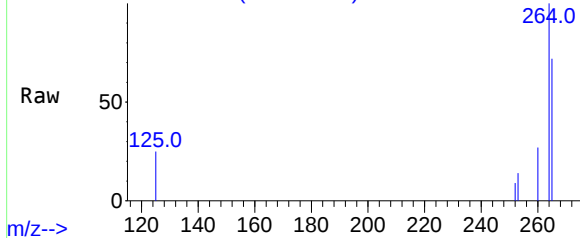


Abundance Scan 2821 (23.683 min): BN038113.D\data.ms (-



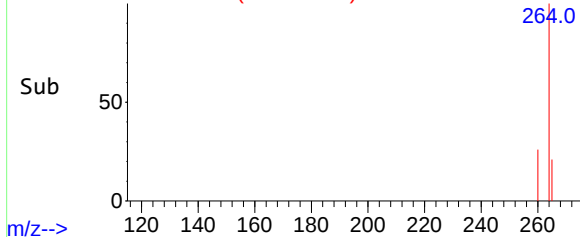
m/z-->

Abundance Scan 2822 (23.686 min): BN038176.D\data.ms (-



m/z-->

Abundance Scan 2822 (23.686 min): BN038176.D\data.ms (-



m/z-->

#35

Perylene-d12

Concen: 0.400 ng

RT: 23.686 min Scan# 21

Delta R.T. 0.006 min

Lab File: BN038176.D

Acq: 10 Nov 2025 11:26

Instrument :

BNA_N

ClientSampleId :

MW-EB-1DL

Tgt Ion:264 Resp: 25895

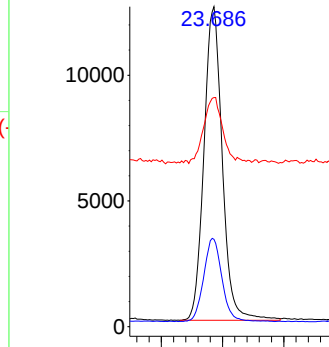
Ion Ratio Lower Upper

264 100

260 27.3 21.8 32.8

265 71.6 68.6 102.8

Abundance



Time-->

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110725\
 Data File : BN038158.D
 Acq On : 07 Nov 2025 17:21
 Operator : RC/JU
 Sample : Q3534-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-EB-2

A
B
C
D
E
F
G
H
I
J
K

Quant Time: Nov 08 03:04:48 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 29 13:09:46 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

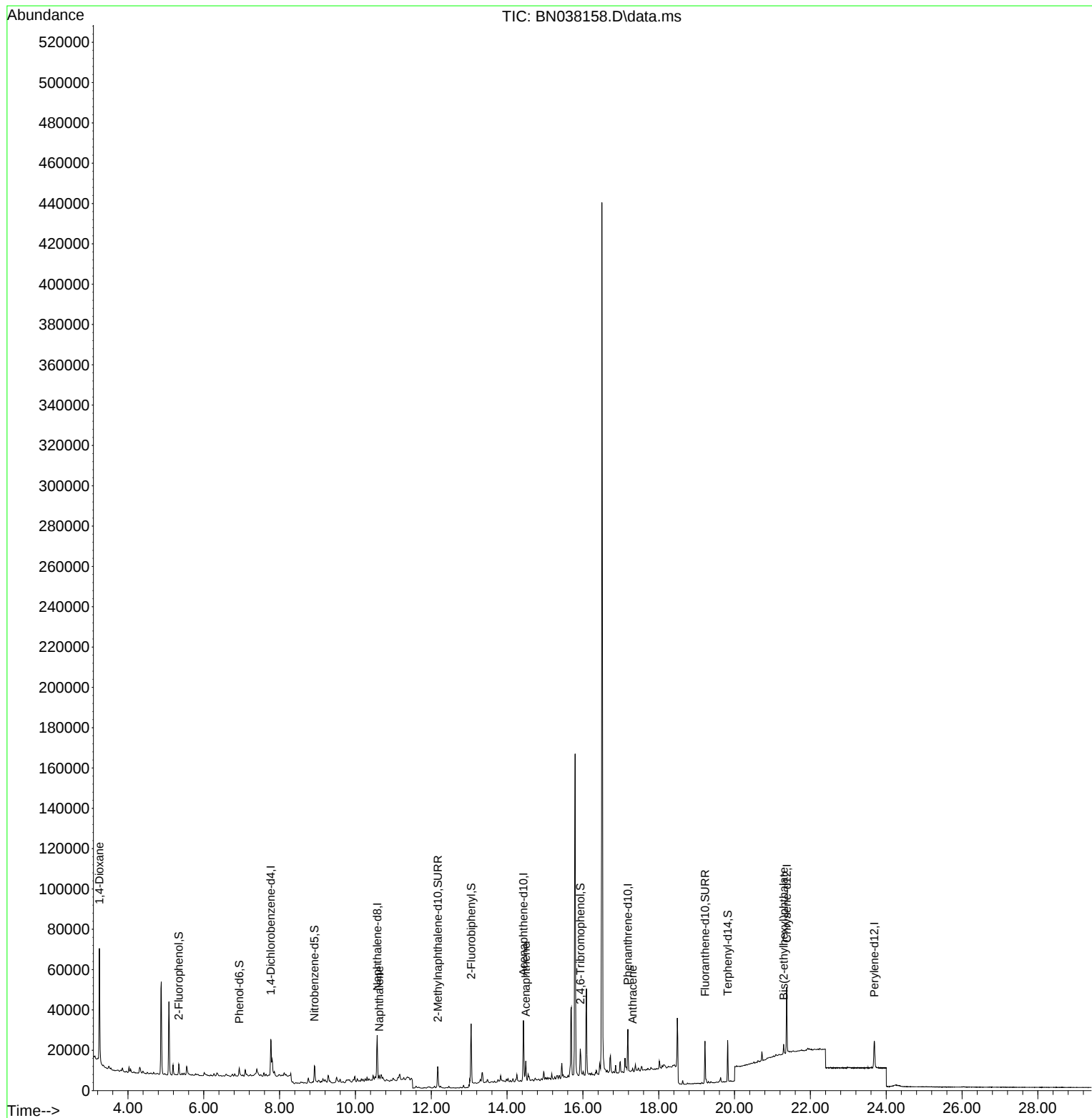
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.768	152	8893	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	29066	0.400	ng	# 0.00
13) Acenaphthene-d10	14.430	164	16810	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	27804	0.400	ng	0.00
29) Chrysene-d12	21.375	240	18112	0.400	ng	# 0.00
35) Perylene-d12	23.686	264	18619	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.341	112	3988	0.190	ng	0.00
5) Phenol-d6	6.937	99	3520	0.138	ng	0.00
8) Nitrobenzene-d5	8.918	82	7725	0.329	ng	-0.01
11) 2-Methylnaphthalene-d10	12.172	152	13707	0.330	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	2721	0.393	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	24120	0.358	ng	0.00
27) Fluoranthene-d10	19.220	212	22540	0.321	ng	0.00
31) Terphenyl-d14	19.819	244	18125	0.461	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.247	88	32518	3.539	ng	# 86
9) Naphthalene	10.626	128	2951	0.037	ng	# 81
17) Acenaphthene	14.495	154	4824	0.091	ng	98
26) Anthracene	17.310	178	2151	0.028	ng	# 89
34) Bis(2-ethylhexyl)phtha...	21.295	149	4675	0.137	ng	# 97

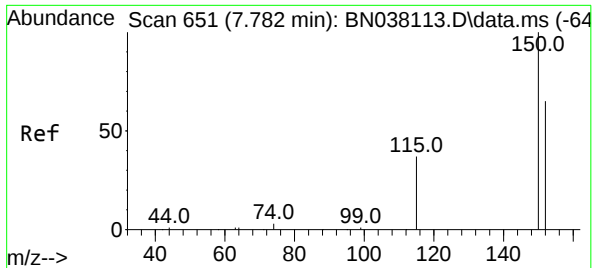
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110725\
Data File : BN038158.D
Acq On : 07 Nov 2025 17:21
Operator : RC/JU
Sample : Q3534-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-EB-2

Quant Time: Nov 08 03:04:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration

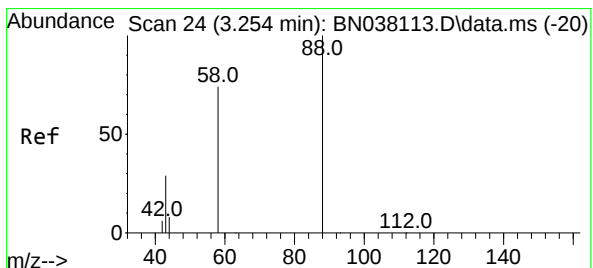
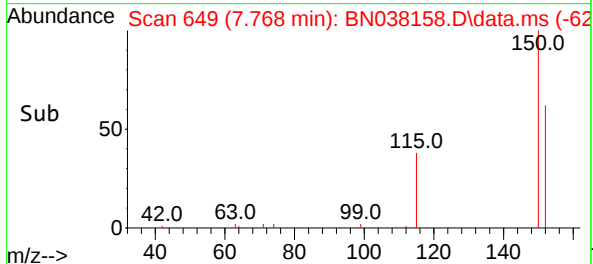
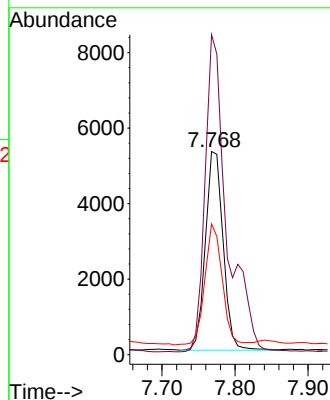
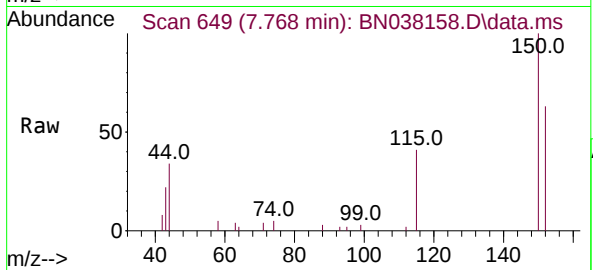




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.768 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN038158.D
Acq: 07 Nov 2025 17:21

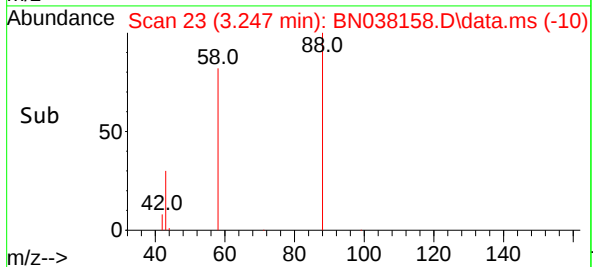
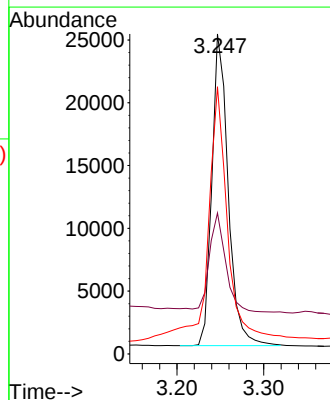
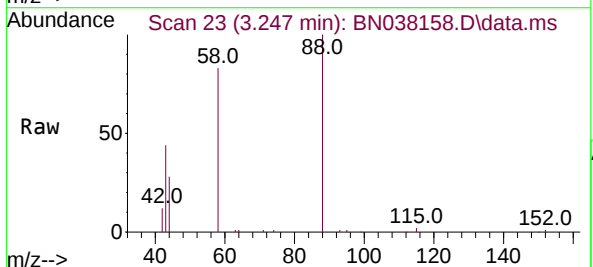
Instrument :
BNA_N
ClientSampleId :
MW-EB-2

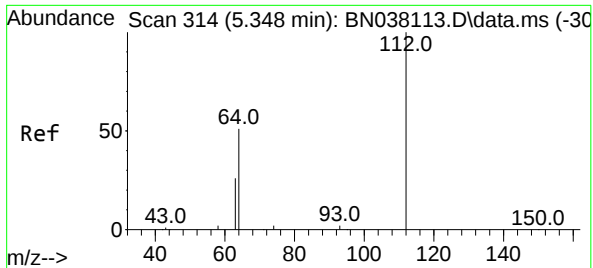
Tgt Ion:152 Resp: 8893
Ion Ratio Lower Upper
152 100
150 157.6 122.3 183.5
115 64.4 47.4 71.0



#2
1,4-Dioxane
Concen: 3.539 ng
RT: 3.247 min Scan# 23
Delta R.T. -0.007 min
Lab File: BN038158.D
Acq: 07 Nov 2025 17:21

Tgt Ion: 88 Resp: 32518
Ion Ratio Lower Upper
88 100
43 31.6 24.3 36.5
58 91.2 60.4 90.6#

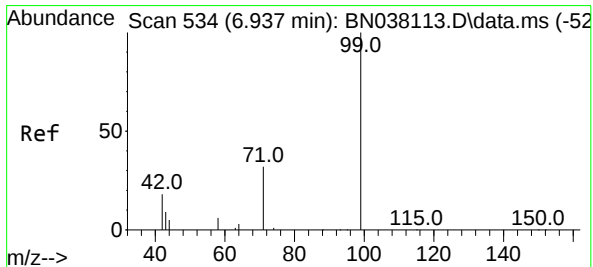
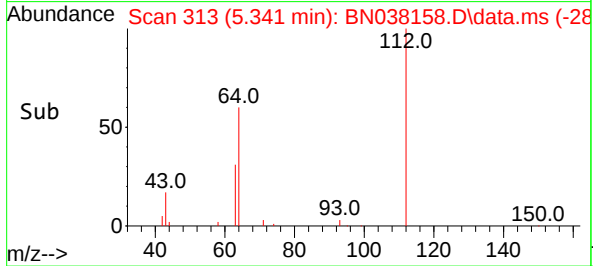
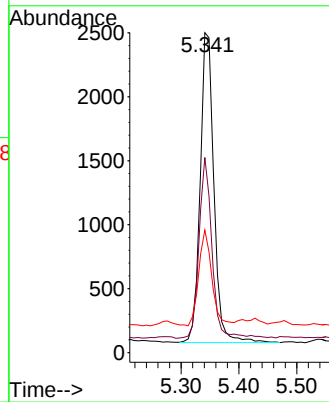
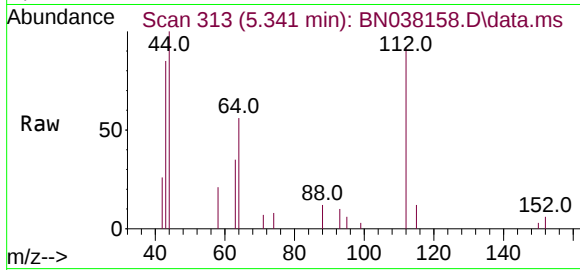




#4
2-Fluorophenol
Concen: 0.190 ng
RT: 5.341 min Scan# 314
Delta R.T. -0.007 min
Lab File: BN038158.D
Acq: 07 Nov 2025 17:21

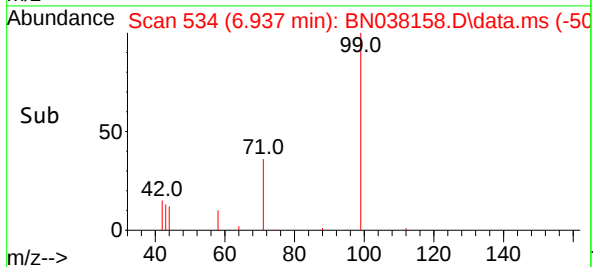
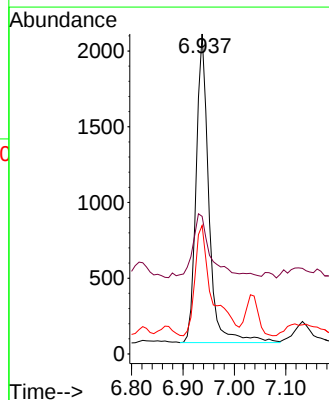
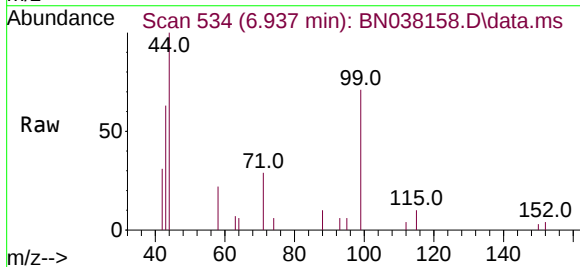
Instrument :
BNA_N
ClientSampleId :
MW-EB-2

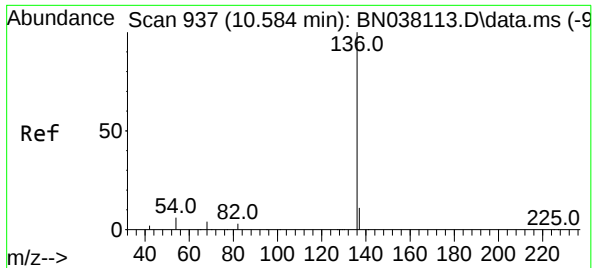
Tgt Ion:112 Resp: 3988
Ion Ratio Lower Upper
112 100
64 54.2 45.4 68.0
63 28.8 23.2 34.8



#5
Phenol-d6
Concen: 0.138 ng
RT: 6.937 min Scan# 534
Delta R.T. 0.000 min
Lab File: BN038158.D
Acq: 07 Nov 2025 17:21

Tgt Ion: 99 Resp: 3520
Ion Ratio Lower Upper
99 100
42 28.2 16.6 24.8#
71 48.0 25.4 38.2#

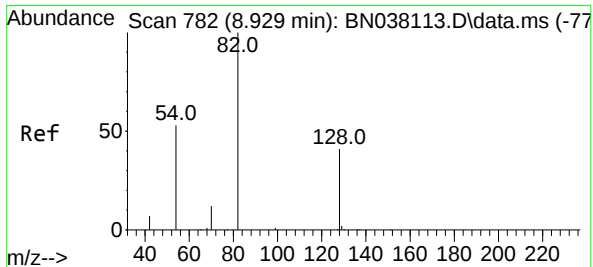
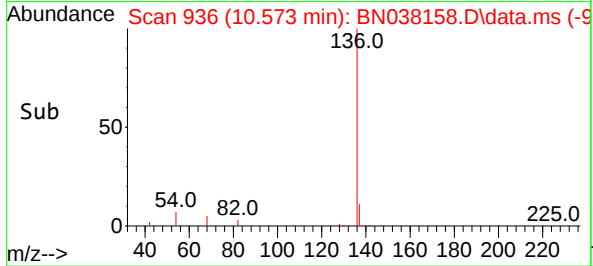
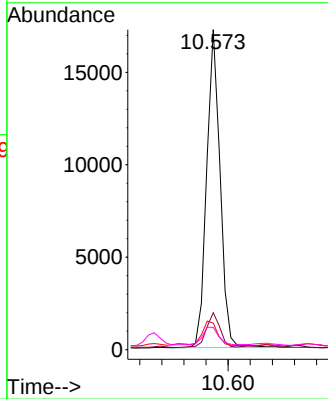
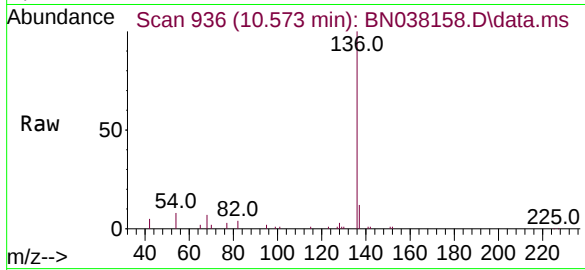




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 931
Delta R.T. 0.000 min
Lab File: BN038158.D
Acq: 07 Nov 2025 17:21

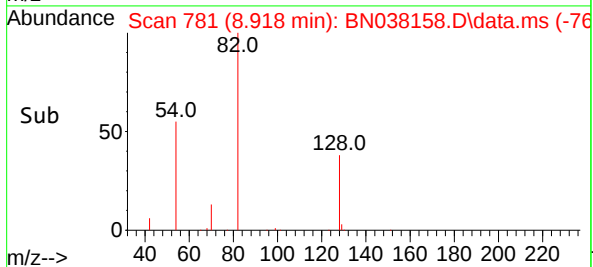
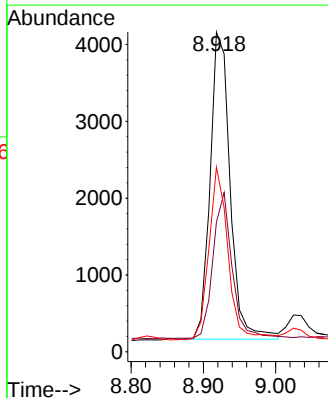
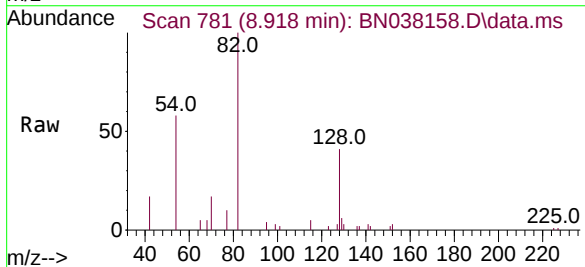
Instrument :
BNA_N
ClientSampleId :
MW-EB-2

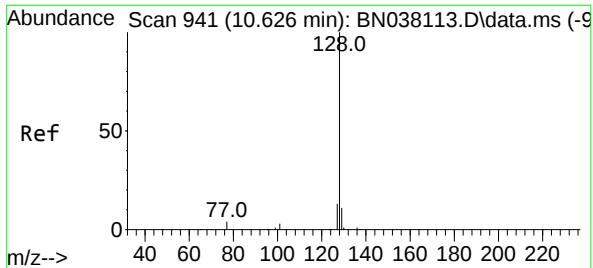
Tgt Ion:	136	Resp:	29066
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.4
54	8.3	5.2	7.8#
68	6.9	4.1	6.1#



#8
Nitrobenzene-d5
Concen: 0.329 ng
RT: 8.918 min Scan# 781
Delta R.T. -0.011 min
Lab File: BN038158.D
Acq: 07 Nov 2025 17:21

Tgt Ion:	82	Resp:	7725
Ion	Ratio	Lower	Upper
82	100		
128	40.5	34.1	51.1
54	57.7	43.5	65.3

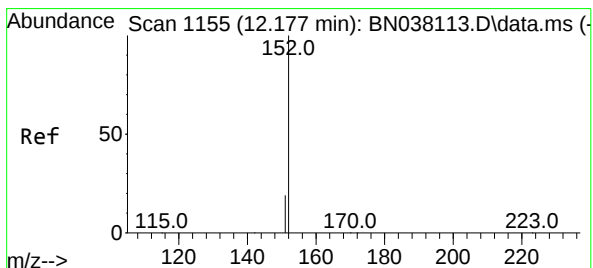
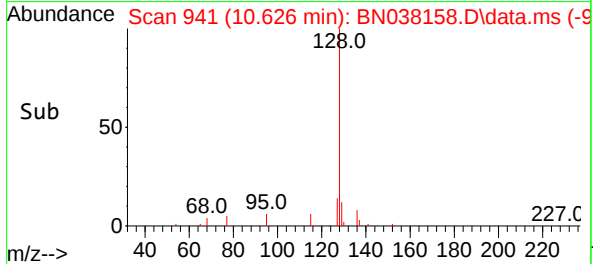
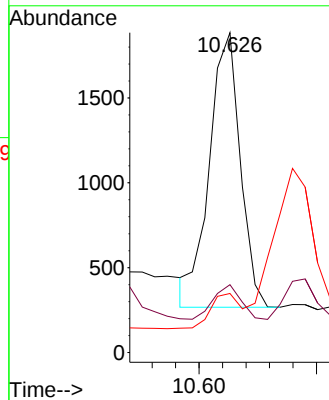
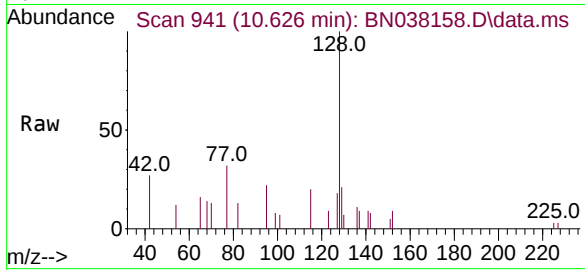




#9
Naphthalene
Concen: 0.037 ng
RT: 10.626 min Scan# 941
Delta R.T. 0.000 min
Lab File: BN038158.D
Acq: 07 Nov 2025 17:21

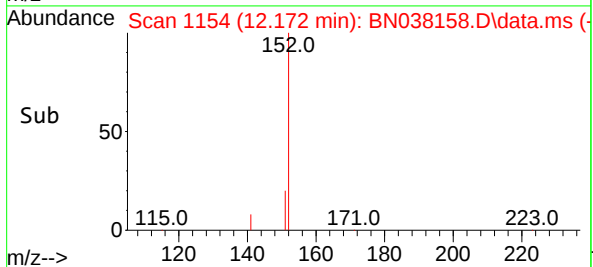
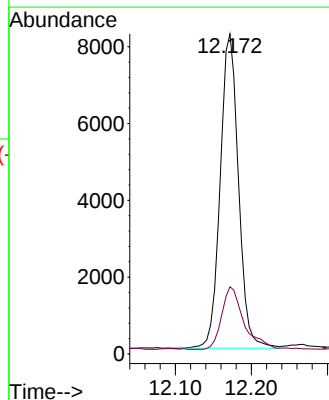
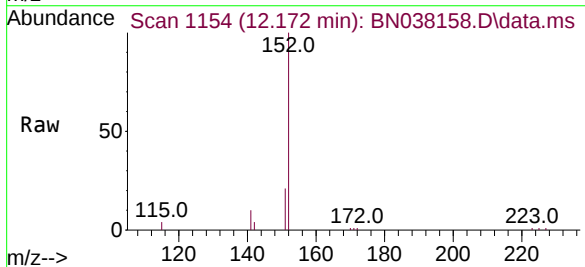
Instrument :
BNA_N
ClientSampleId :
MW-EB-2

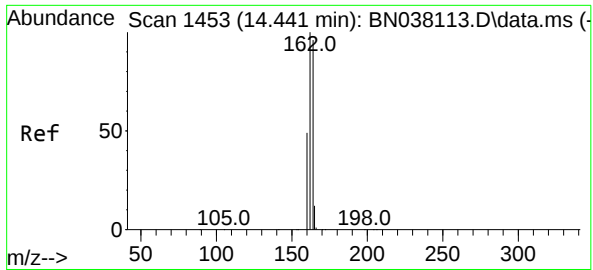
Tgt Ion:128 Resp: 2951
Ion Ratio Lower Upper
128 100
129 21.2 9.1 13.7#
127 18.5 10.5 15.7#



#11
2-Methylnaphthalene-d10
Concen: 0.330 ng
RT: 12.172 min Scan# 1154
Delta R.T. -0.005 min
Lab File: BN038158.D
Acq: 07 Nov 2025 17:21

Tgt Ion:152 Resp: 13707
Ion Ratio Lower Upper
152 100
151 24.0 16.8 25.2

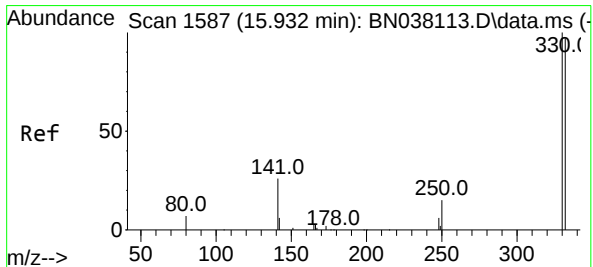
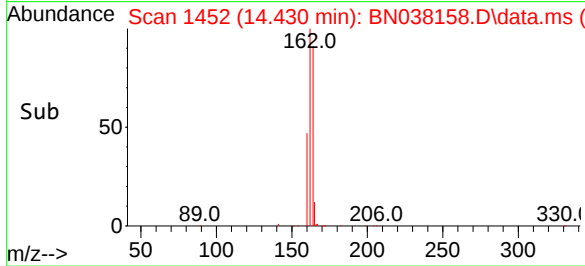
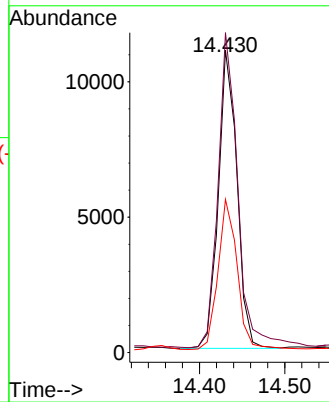
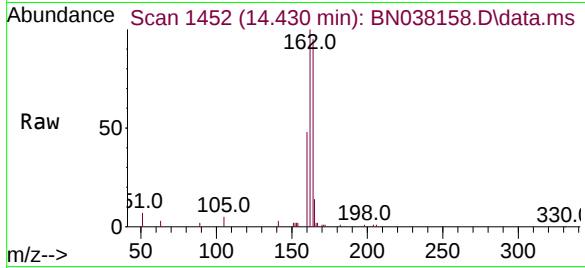




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 1453
Delta R.T. 0.000 min
Lab File: BN038158.D
Acq: 07 Nov 2025 17:21

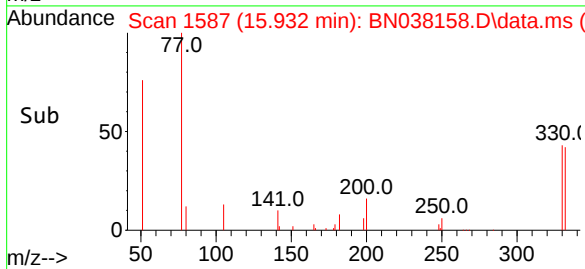
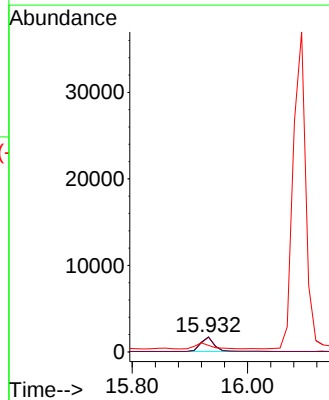
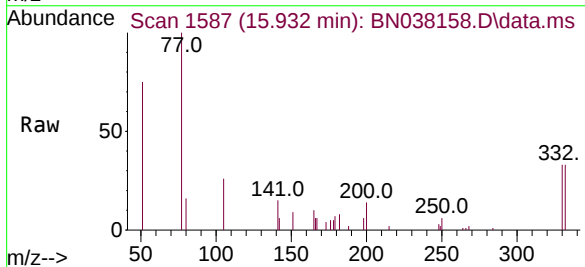
Instrument :
BNA_N
ClientSampleId :
MW-EB-2

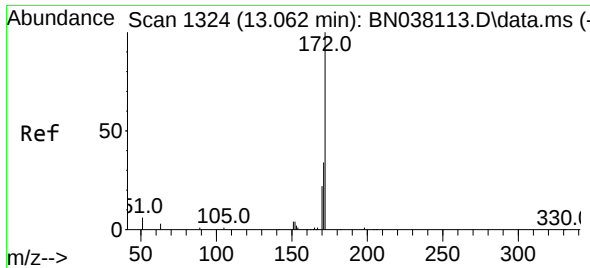
Tgt Ion:164 Resp: 16810
Ion Ratio Lower Upper
164 100
162 105.8 83.0 124.4
160 50.6 40.7 61.1



#14
2,4,6-Tribromophenol
Concen: 0.393 ng
RT: 15.932 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BN038158.D
Acq: 07 Nov 2025 17:21

Tgt Ion:330 Resp: 2721
Ion Ratio Lower Upper
330 100
332 97.4 76.6 114.8
141 48.0 34.1 51.1

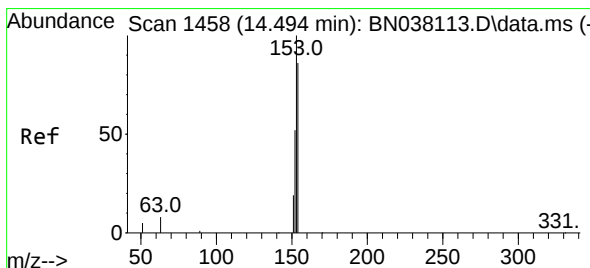
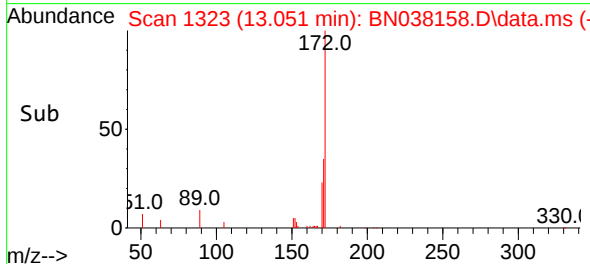
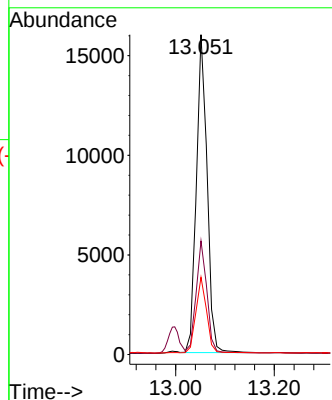
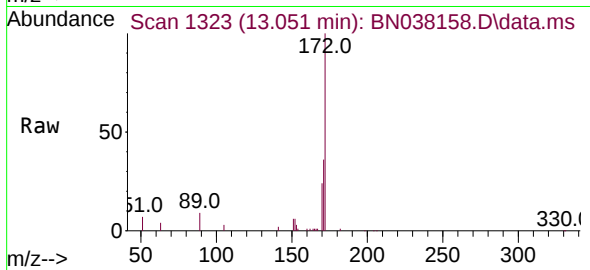




#15
2-Fluorobiphenyl
Concen: 0.358 ng
RT: 13.051 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BN038158.D
Acq: 07 Nov 2025 17:21

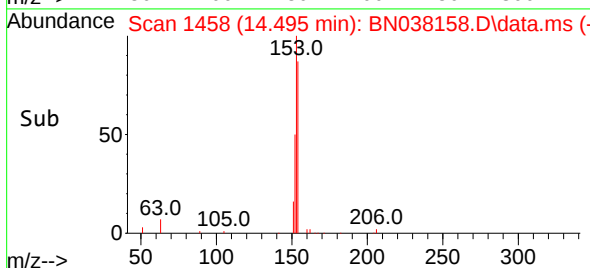
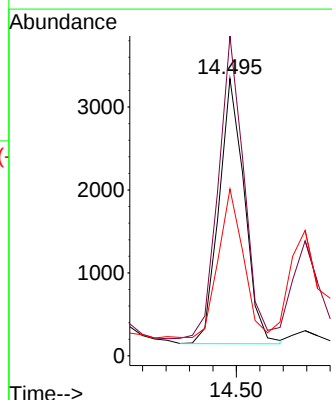
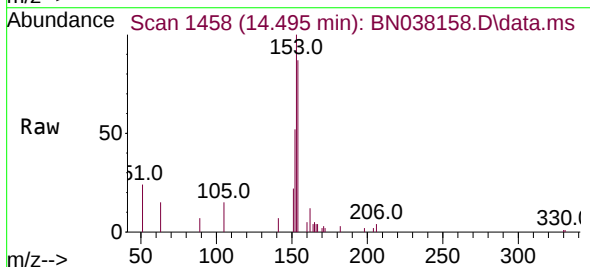
Instrument :
BNA_N
ClientSampleId :
MW-EB-2

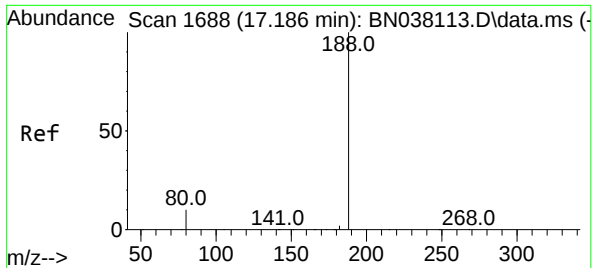
Tgt Ion:	172	Resp:	24120
Ion Ratio	Lower	Upper	
172	100		
171	35.5	27.8	41.6
170	24.2	18.1	27.1



#17
Acenaphthene
Concen: 0.091 ng
RT: 14.495 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BN038158.D
Acq: 07 Nov 2025 17:21

Tgt Ion:	154	Resp:	4824
Ion Ratio	Lower	Upper	
154	100		
153	112.8	90.0	135.0
152	55.6	47.3	70.9





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.186 min Scan# 1688

Delta R.T. 0.000 min

Lab File: BN038158.D

Acq: 07 Nov 2025 17:21

Instrument :

BNA_N

ClientSampleId :

MW-EB-2

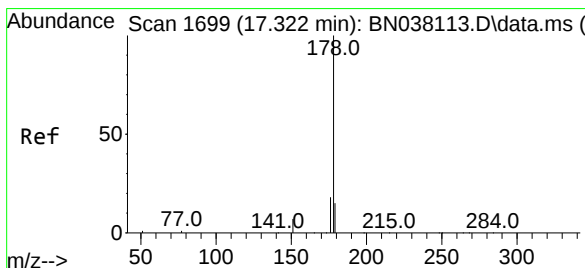
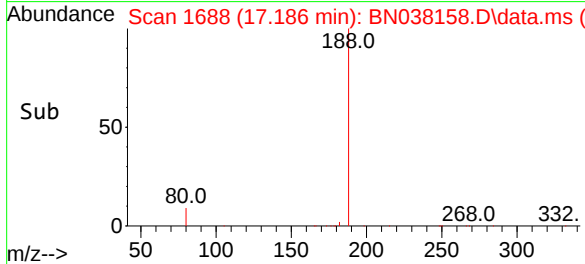
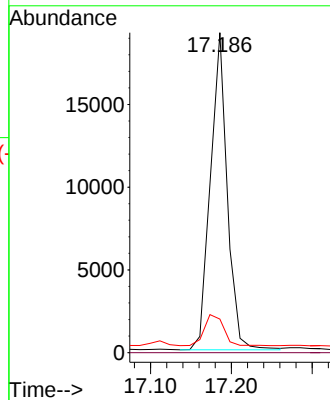
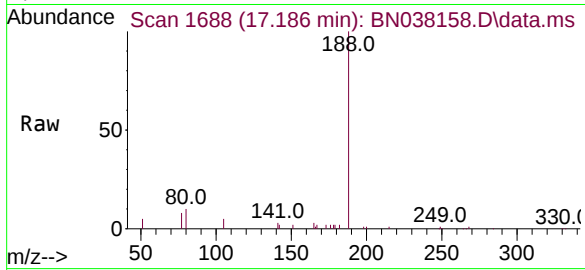
Tgt Ion:188 Resp: 27804

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.5 8.6 13.0



#26

Anthracene

Concen: 0.028 ng

RT: 17.310 min Scan# 1698

Delta R.T. -0.012 min

Lab File: BN038158.D

Acq: 07 Nov 2025 17:21

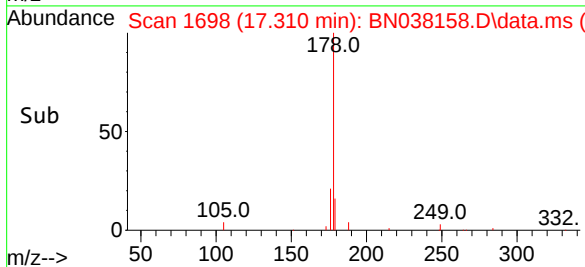
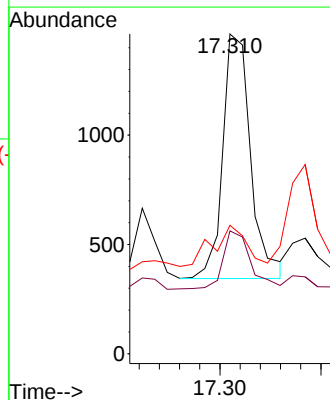
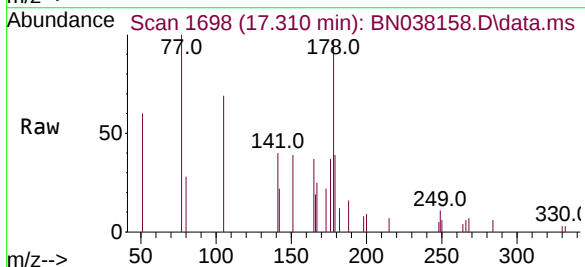
Tgt Ion:178 Resp: 2151

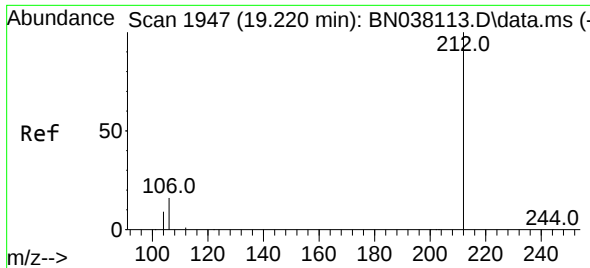
Ion Ratio Lower Upper

178 100

176 23.2 14.9 22.3#

179 20.1 11.8 17.8#

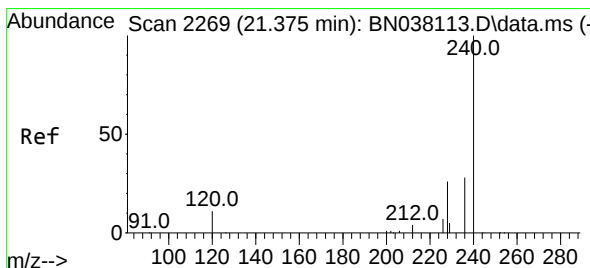
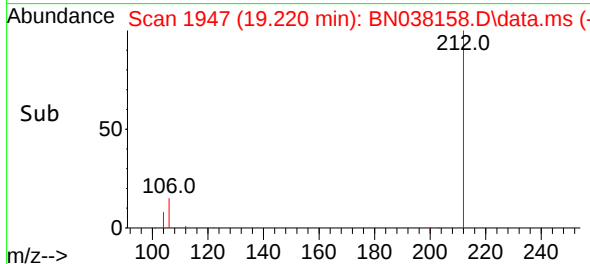
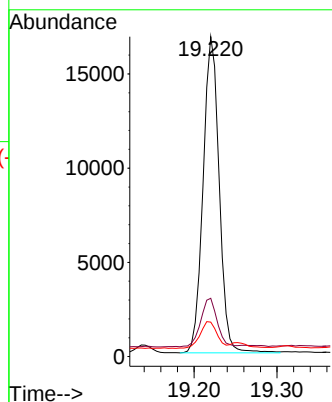
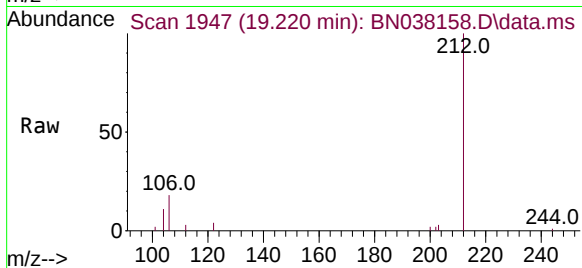




#27
Fluoranthene-d10
Concen: 0.321 ng
RT: 19.220 min Scan# 1947
Delta R.T. 0.000 min
Lab File: BN038158.D
Acq: 07 Nov 2025 17:21

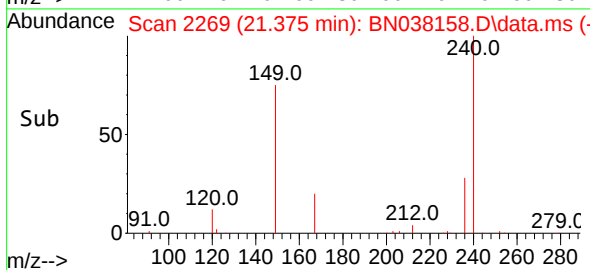
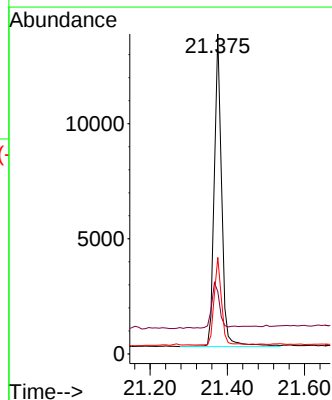
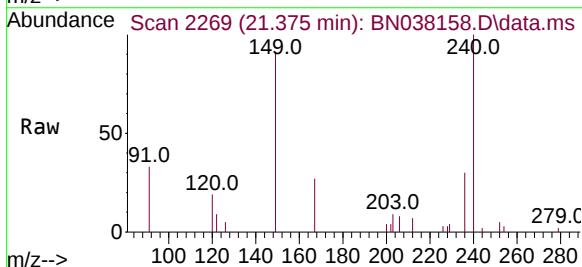
Instrument :
BNA_N
ClientSampleId :
MW-EB-2

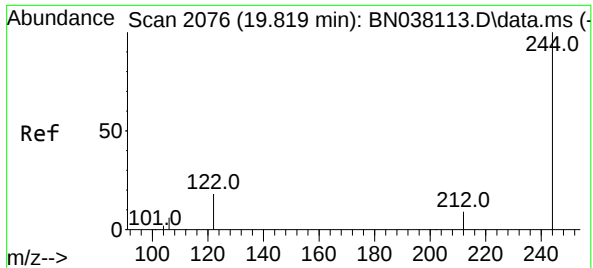
Tgt Ion	Ratio	Lower	Upper
212	100		
106	15.9	12.6	19.0
104	8.8	7.1	10.7



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.375 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BN038158.D
Acq: 07 Nov 2025 17:21

Tgt Ion	Ratio	Lower	Upper
240	100		
120	19.5	10.7	16.1
236	30.1	23.1	34.7

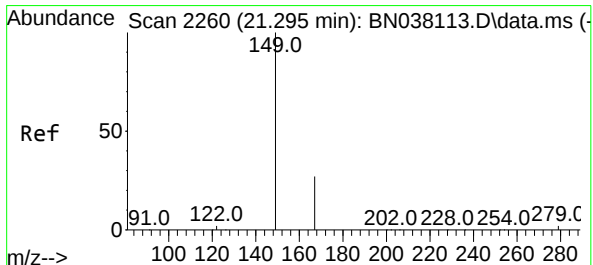
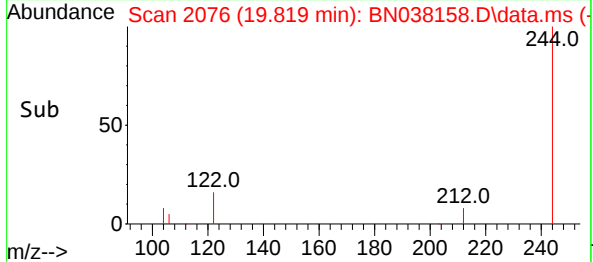
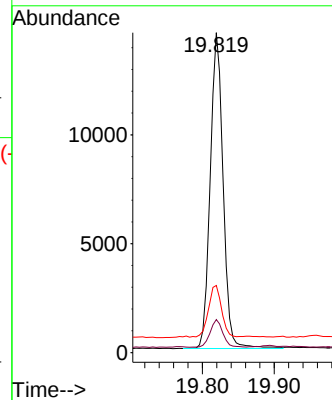
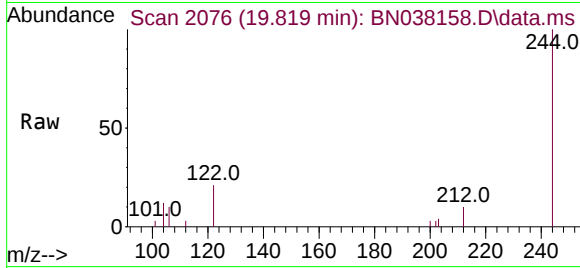




#31
Terphenyl-d14
Concen: 0.461 ng
RT: 19.819 min Scan# 2076
Delta R.T. 0.000 min
Lab File: BN038158.D
Acq: 07 Nov 2025 17:21

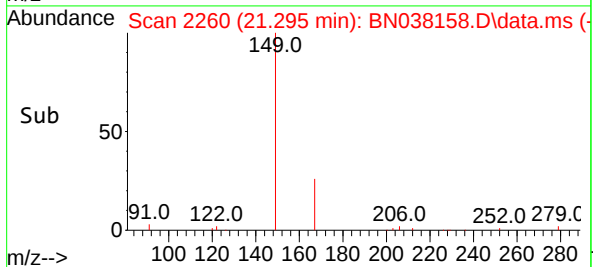
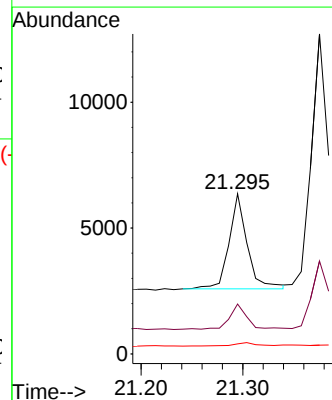
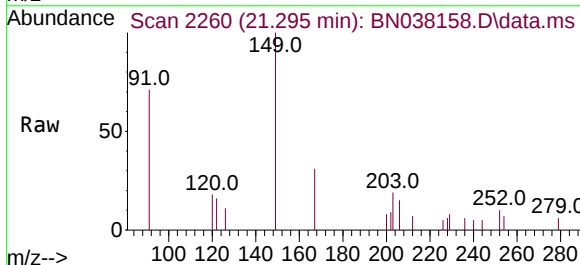
Instrument :
BNA_N
ClientSampleId :
MW-EB-2

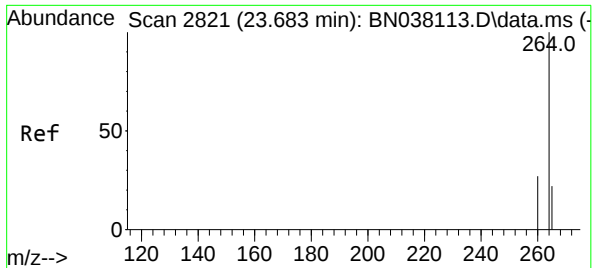
Tgt Ion	Ratio	Lower	Upper
244	100		
212	10.3	7.8	11.6
122	21.0	15.2	22.8



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.137 ng
RT: 21.295 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BN038158.D
Acq: 07 Nov 2025 17:21

Tgt Ion	Ratio	Lower	Upper
149	100		
167	24.7	21.1	31.7
279	4.9	2.9	4.3





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.686 min Scan# 2821

Delta R.T. 0.006 min

Lab File: BN038158.D

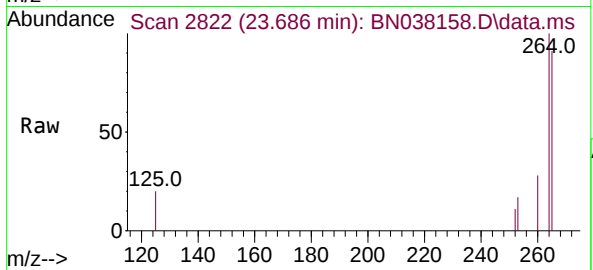
Acq: 07 Nov 2025 17:21

Instrument :

BNA_N

ClientSampleId :

MW-EB-2



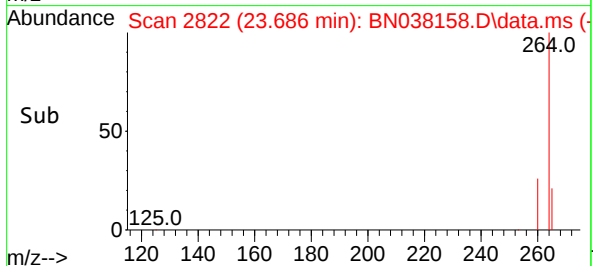
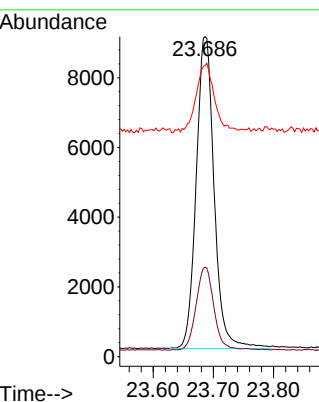
Tgt Ion:264 Resp: 18619

Ion Ratio Lower Upper

264 100

260 27.9 21.8 32.8

265 90.9 68.6 102.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110725\
 Data File : BN038159.D
 Acq On : 07 Nov 2025 17:58
 Operator : RC/JU
 Sample : Q3534-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-EB-3

Quant Time: Nov 08 03:05:06 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 29 13:09:46 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

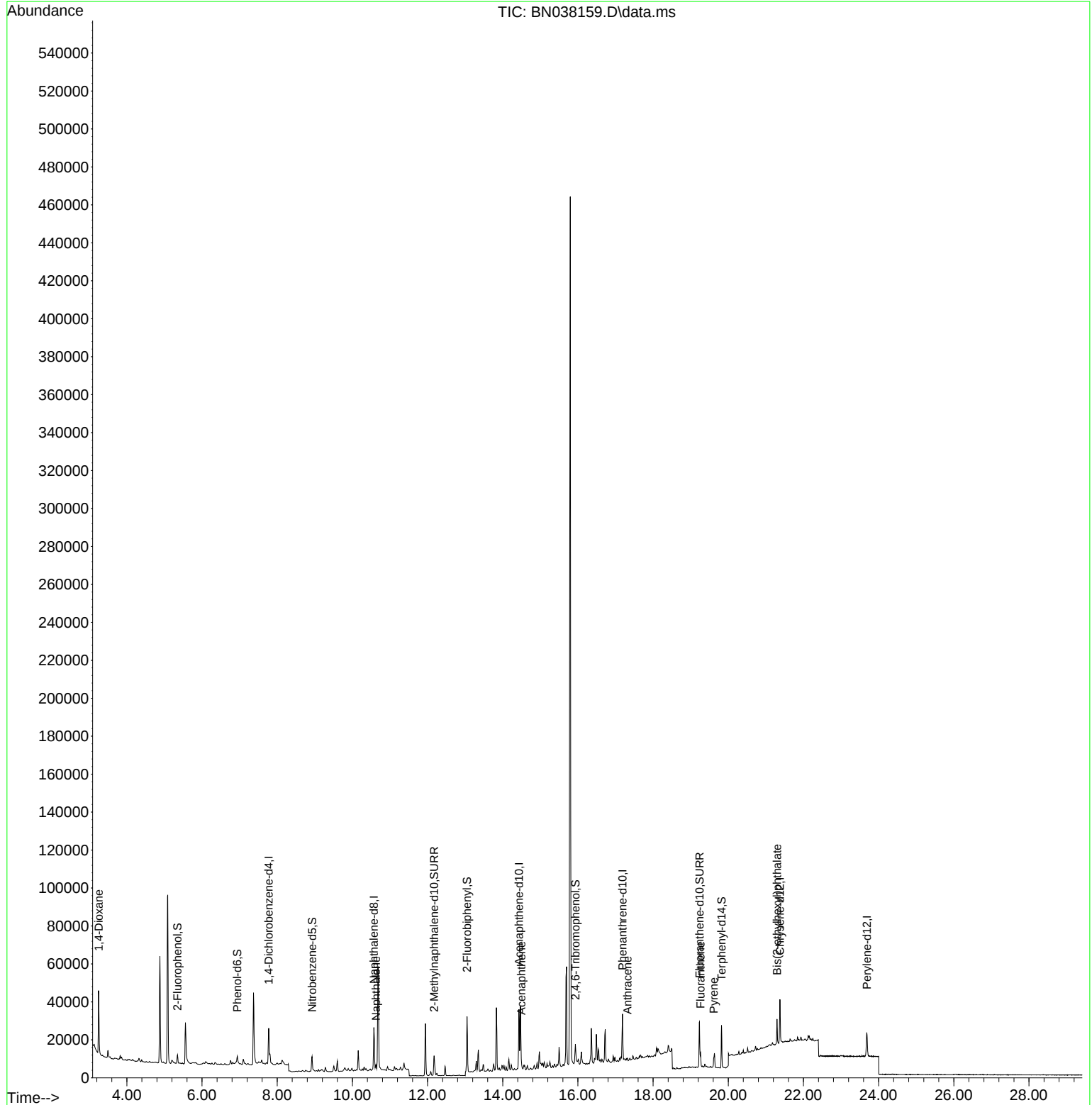
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	9137	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	30158	0.400	ng	# 0.00
13) Acenaphthene-d10	14.430	164	18614	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	32744	0.400	ng	0.00
29) Chrysene-d12	21.375	240	18258	0.400	ng	# 0.00
35) Perylene-d12	23.686	264	17319	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	3536	0.164	ng	0.00
5) Phenol-d6	6.937	99	3445	0.131	ng	0.00
8) Nitrobenzene-d5	8.929	82	6804	0.280	ng	0.00
11) 2-Methylnaphthalene-d10	12.172	152	12636	0.293	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	3294	0.430	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	23012	0.309	ng	0.00
27) Fluoranthene-d10	19.234	212	25680	0.311	ng	0.01
31) Terphenyl-d14	19.819	244	21461	0.541	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.254	88	21027	2.227	ng	99
9) Naphthalene	10.626	128	3732	0.045	ng	# 88
17) Acenaphthene	14.494	154	1942	0.033	ng	# 80
26) Anthracene	17.322	178	1917	0.021	ng	# 79
28) Fluoranthene	19.262	202	5681	0.049	ng	# 88
30) Pyrene	19.615	202	4139	0.050	ng	# 77
34) Bis(2-ethylhexyl)phtha...	21.295	149	12875	0.375	ng	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

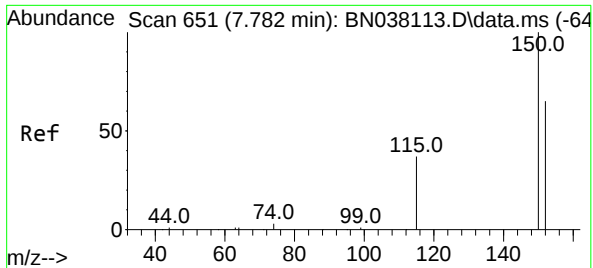
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Data File : BN038159.D
Acq On : 07 Nov 2025 17:58
Operator : RC/JU
Sample : Q3534-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-EB-3

Quant Time: Nov 08 03:05:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration



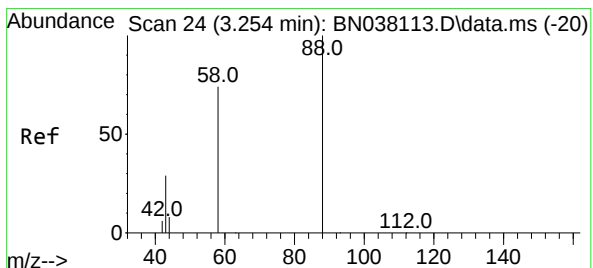
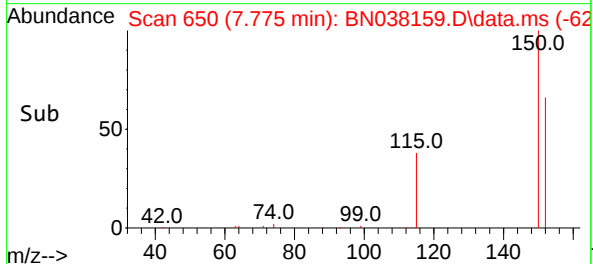
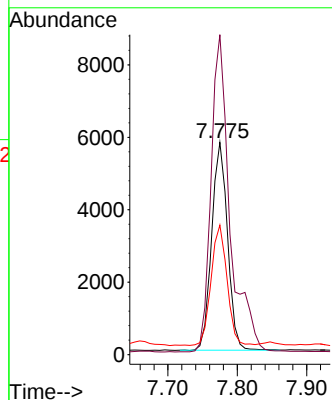
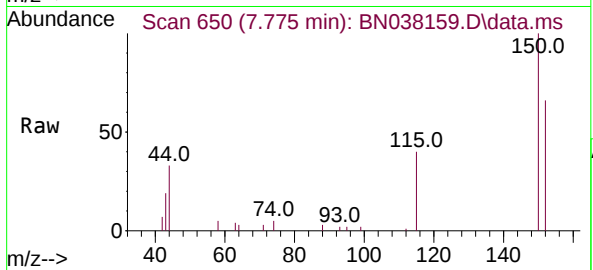
A
B
C
D
E
F
G
H
I
J
K



#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.775 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN038159.D
Acq: 07 Nov 2025 17:58

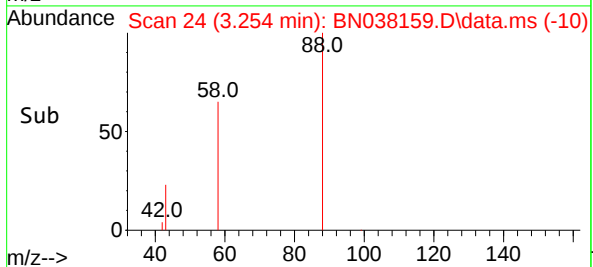
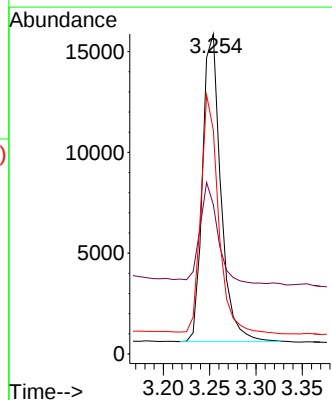
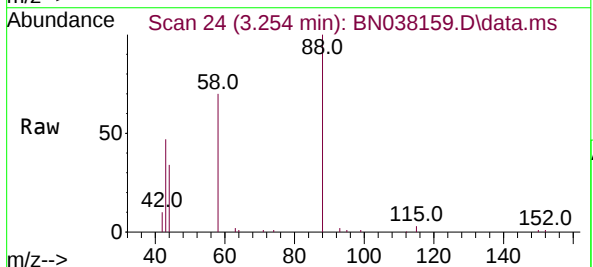
Instrument :
BNA_N
ClientSampleId :
MW-EB-3

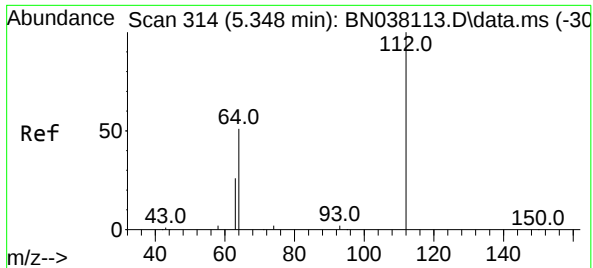
Tgt Ion:152 Resp: 9137
Ion Ratio Lower Upper
152 100
150 150.8 122.3 183.5
115 61.0 47.4 71.0



#2
1,4-Dioxane
Concen: 2.227 ng
RT: 3.254 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN038159.D
Acq: 07 Nov 2025 17:58

Tgt Ion: 88 Resp: 21027
Ion Ratio Lower Upper
88 100
43 32.5 24.3 36.5
58 75.1 60.4 90.6

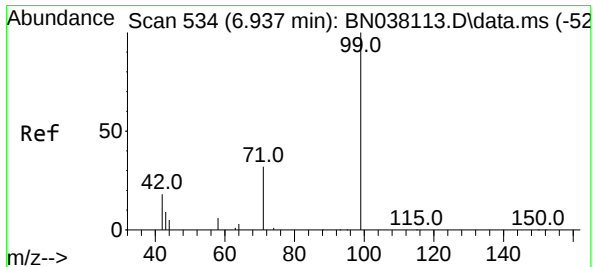
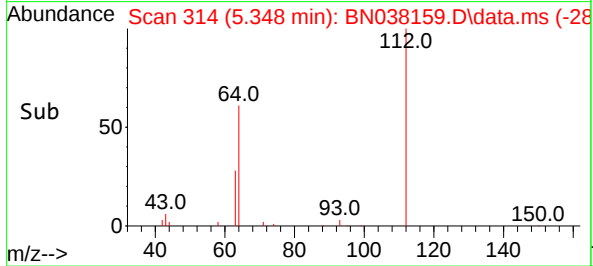
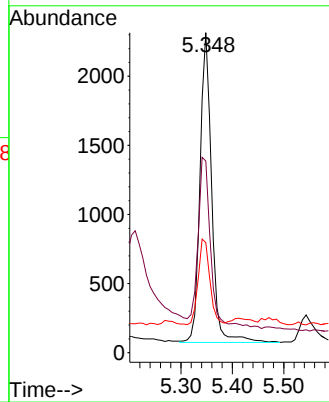
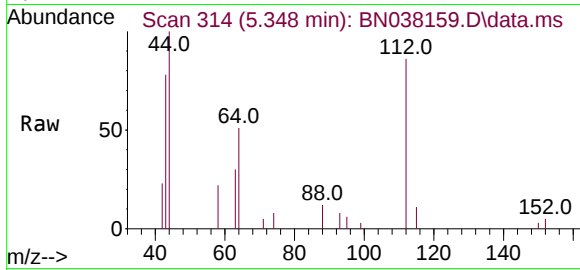




#4
2-Fluorophenol
Concen: 0.164 ng
RT: 5.348 min Scan# 314
Delta R.T. 0.000 min
Lab File: BN038159.D
Acq: 07 Nov 2025 17:58

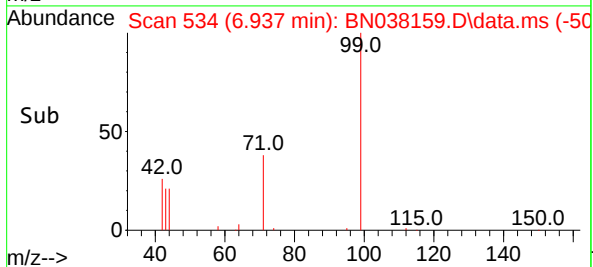
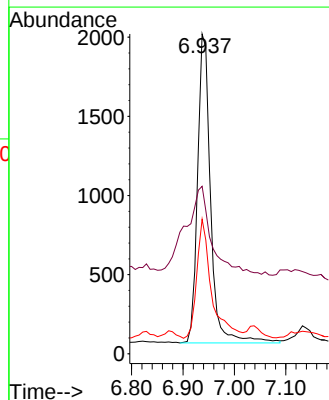
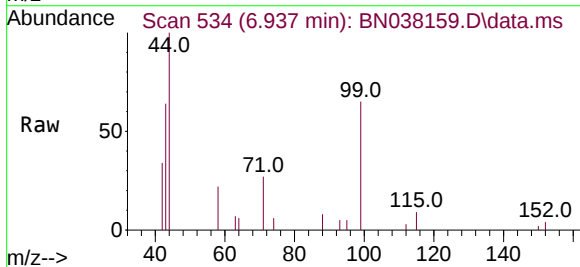
Instrument :
BNA_N
ClientSampleId :
MW-EB-3

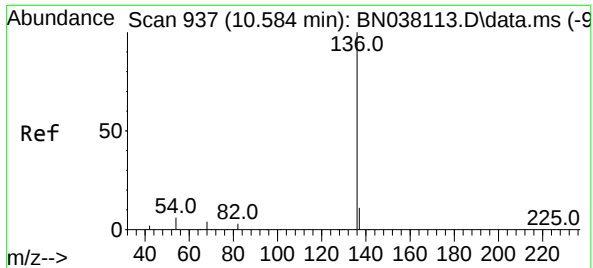
Tgt Ion:	112	Resp:	3536
Ion Ratio	Lower	Upper	
112	100		
64	64.2	45.4	68.0
63	28.2	23.2	34.8



#5
Phenol-d6
Concen: 0.131 ng
RT: 6.937 min Scan# 534
Delta R.T. 0.000 min
Lab File: BN038159.D
Acq: 07 Nov 2025 17:58

Tgt Ion:	99	Resp:	3445
Ion Ratio	Lower	Upper	
99	100		
42	59.6	16.6	24.8#
71	43.7	25.4	38.2#

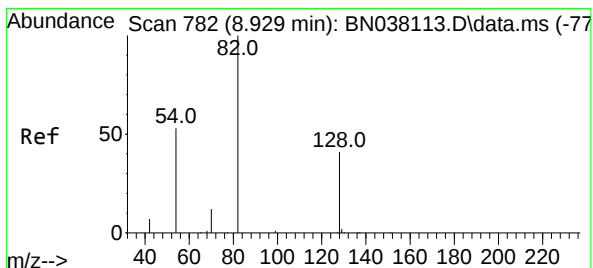
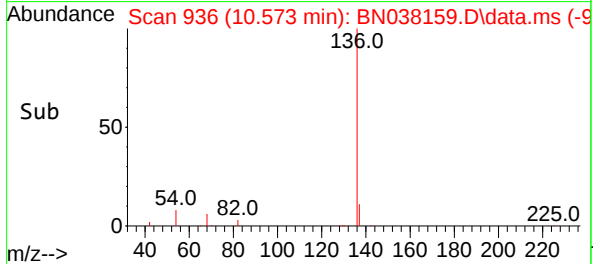
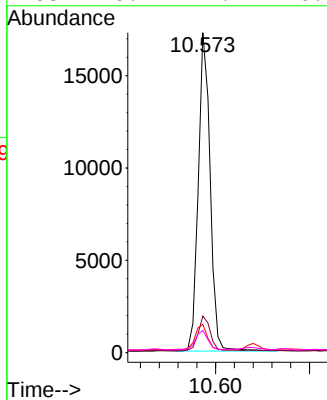
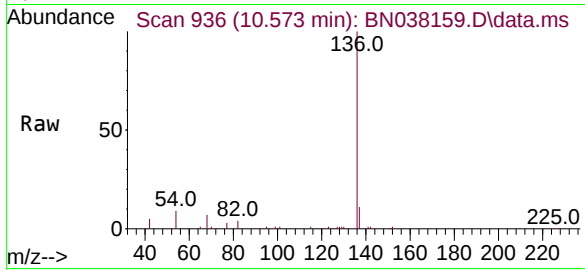




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 931
Delta R.T. 0.000 min
Lab File: BN038159.D
Acq: 07 Nov 2025 17:58

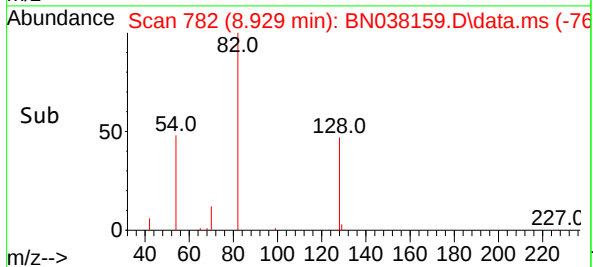
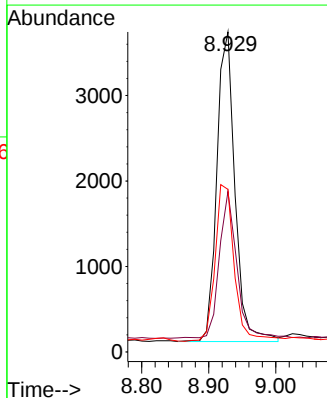
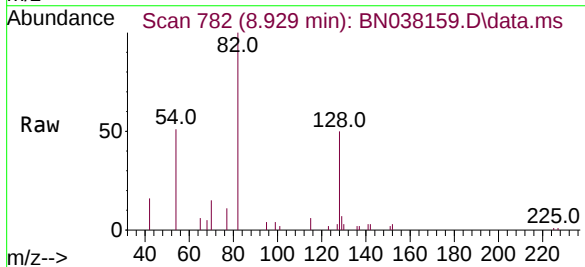
Instrument :
BNA_N
ClientSampleId :
MW-EB-3

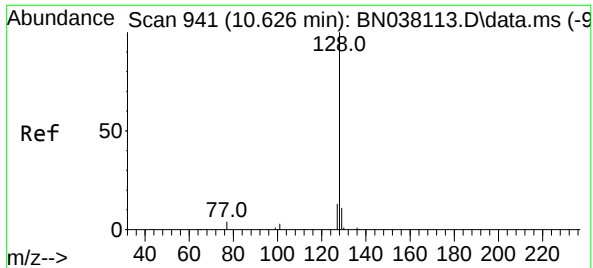
Tgt Ion:	136	Resp:	30158
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.0	13.4
54	8.8	5.2	7.8#
68	6.9	4.1	6.1#



#8
Nitrobenzene-d5
Concen: 0.280 ng
RT: 8.929 min Scan# 782
Delta R.T. 0.000 min
Lab File: BN038159.D
Acq: 07 Nov 2025 17:58

Tgt Ion:	82	Resp:	6804
Ion Ratio	Lower	Upper	
82	100		
128	50.1	34.1	51.1
54	50.8	43.5	65.3

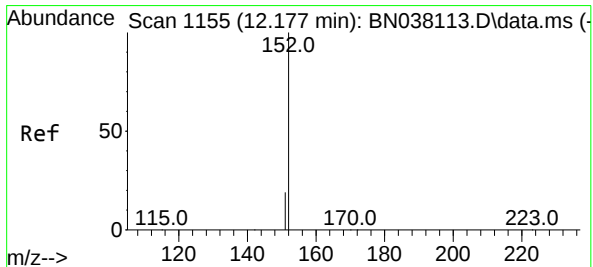
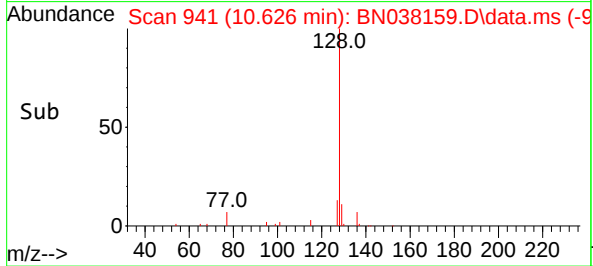
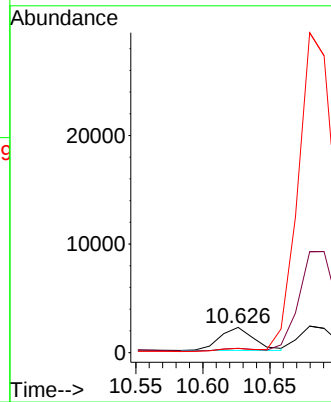
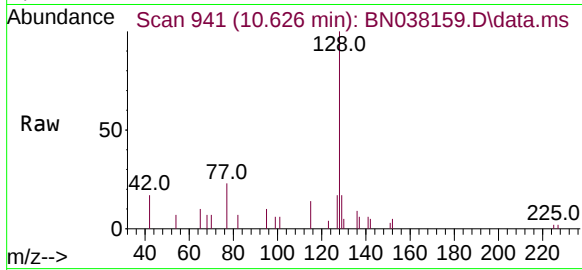




#9
Naphthalene
Concen: 0.045 ng
RT: 10.626 min Scan# 941
Delta R.T. 0.000 min
Lab File: BN038159.D
Acq: 07 Nov 2025 17:58

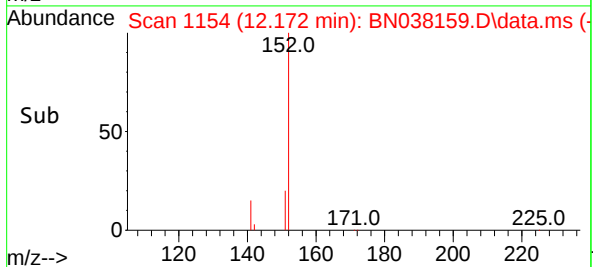
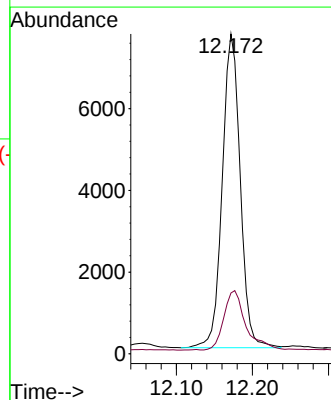
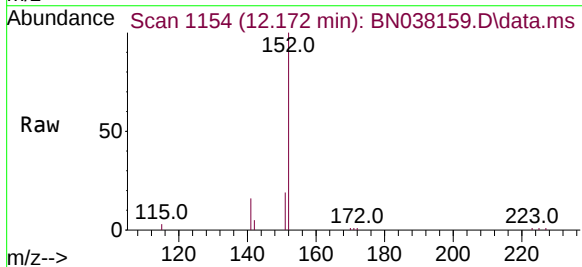
Instrument :
BNA_N
ClientSampleId :
MW-EB-3

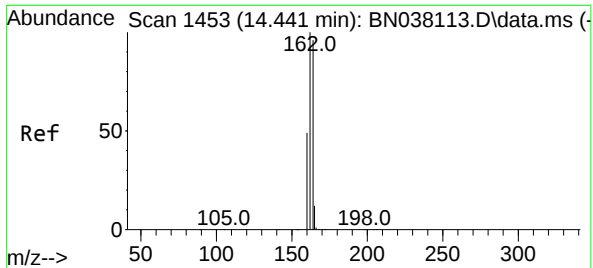
Tgt Ion:128 Resp: 3732
Ion Ratio Lower Upper
128 100
129 17.0 9.1 13.7#
127 16.7 10.5 15.7#



#11
2-Methylnaphthalene-d10
Concen: 0.293 ng
RT: 12.172 min Scan# 1154
Delta R.T. -0.005 min
Lab File: BN038159.D
Acq: 07 Nov 2025 17:58

Tgt Ion:152 Resp: 12636
Ion Ratio Lower Upper
152 100
151 23.4 16.8 25.2

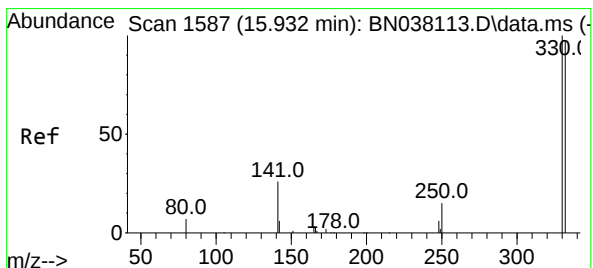
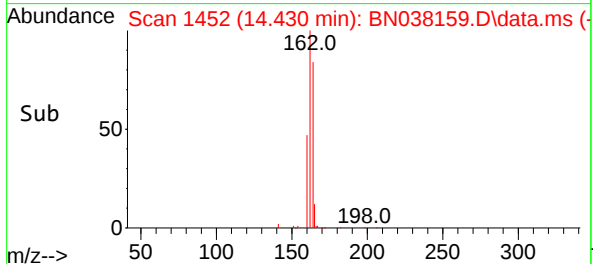
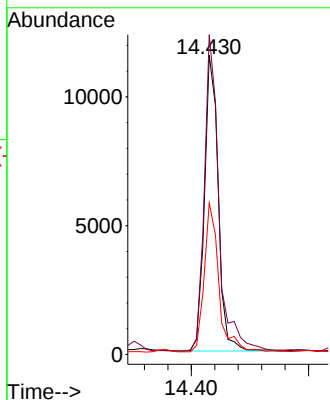
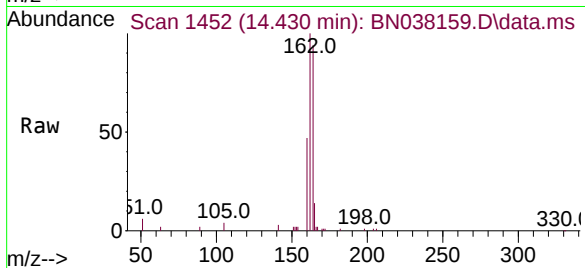




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 1453
Delta R.T. -0.000 min
Lab File: BN038159.D
Acq: 07 Nov 2025 17:58

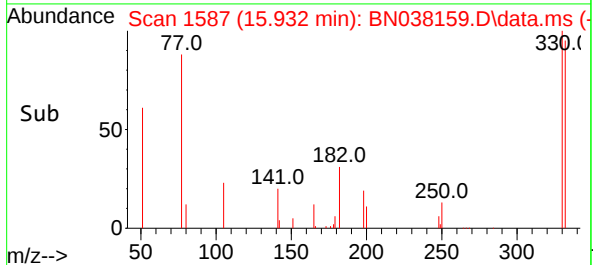
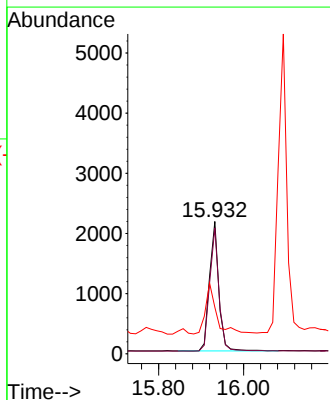
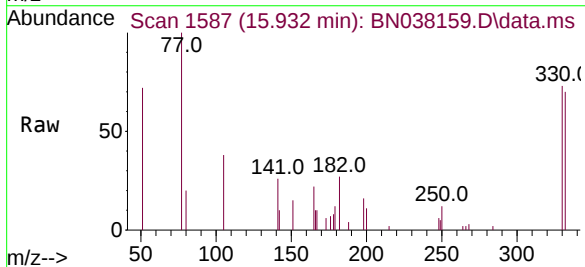
Instrument :
BNA_N
ClientSampleId :
MW-EB-3

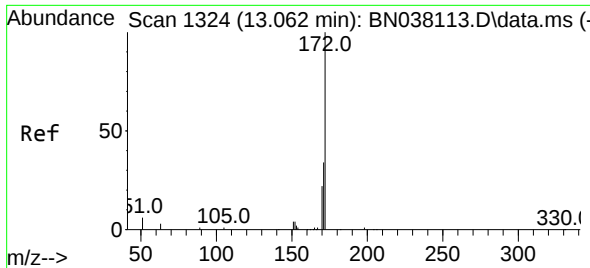
Tgt Ion:164 Resp: 18614
Ion Ratio Lower Upper
164 100
162 106.9 83.0 124.4
160 50.7 40.7 61.1



#14
2,4,6-Tribromophenol
Concen: 0.430 ng
RT: 15.932 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BN038159.D
Acq: 07 Nov 2025 17:58

Tgt Ion:330 Resp: 3294
Ion Ratio Lower Upper
330 100
332 94.8 76.6 114.8
141 46.2 34.1 51.1

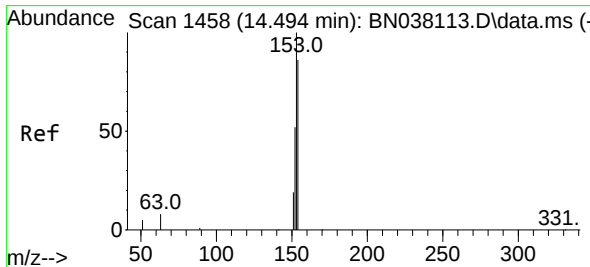
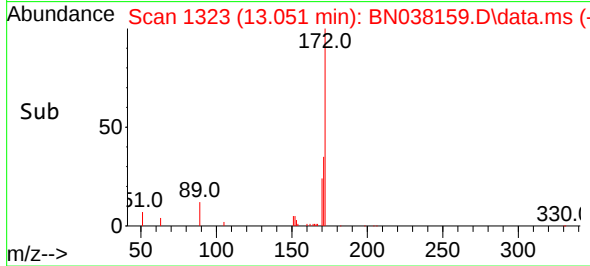
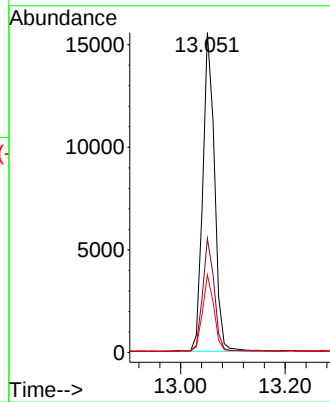
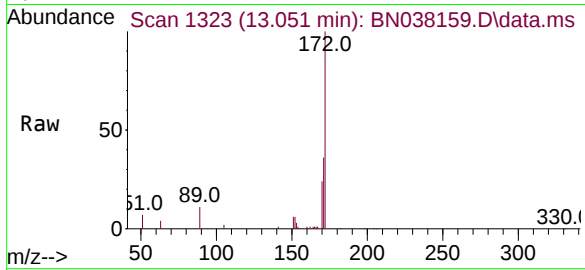




#15
2-Fluorobiphenyl
Concen: 0.309 ng
RT: 13.051 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BN038159.D
Acq: 07 Nov 2025 17:58

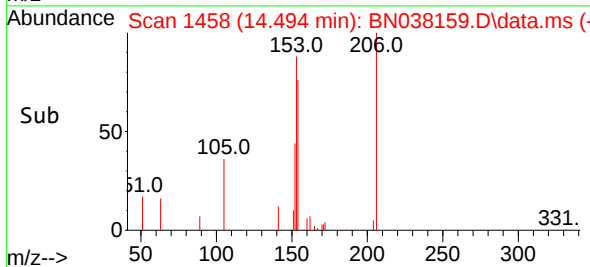
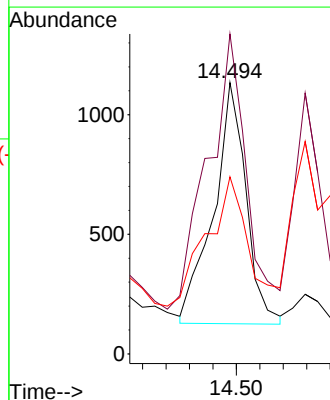
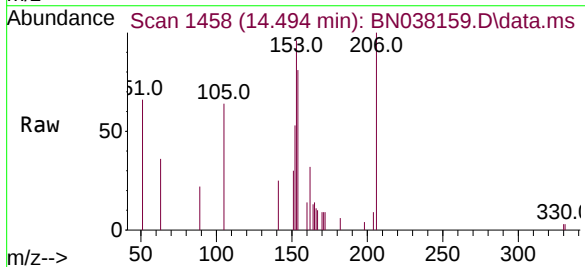
Instrument :
BNA_N
ClientSampleId :
MW-EB-3

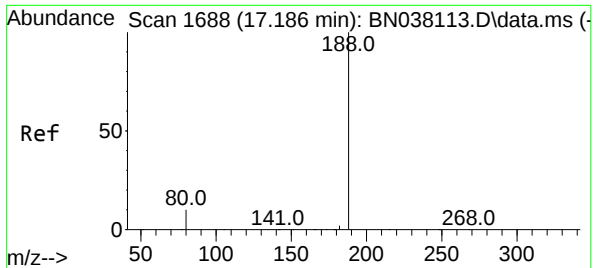
Tgt Ion:	172	Resp:	23012
Ion Ratio	Lower	Upper	
172	100		
171	35.6	27.8	41.6
170	24.3	18.1	27.1



#17
Acenaphthene
Concen: 0.033 ng
RT: 14.494 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BN038159.D
Acq: 07 Nov 2025 17:58

Tgt Ion:	154	Resp:	1942
Ion Ratio	Lower	Upper	
154	100		
153	134.7	90.0	135.0
152	73.1	47.3	70.9





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.186 min Scan# 1688

Delta R.T. 0.000 min

Lab File: BN038159.D

Acq: 07 Nov 2025 17:58

Instrument :

BNA_N

ClientSampleId :

MW-EB-3

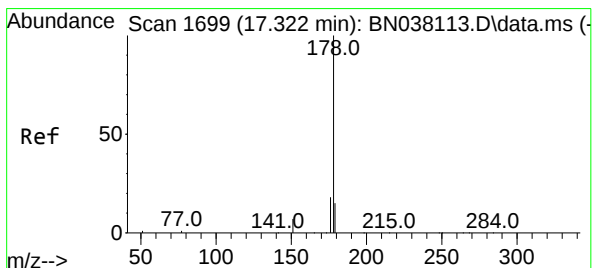
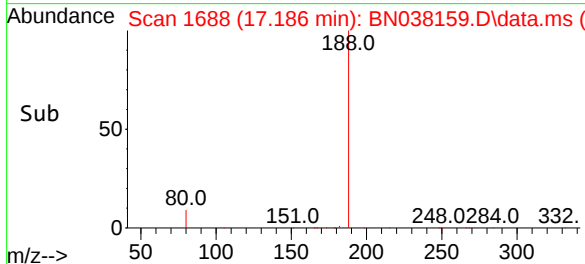
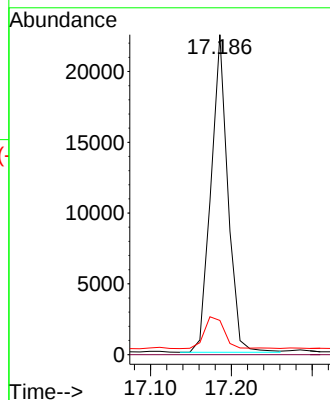
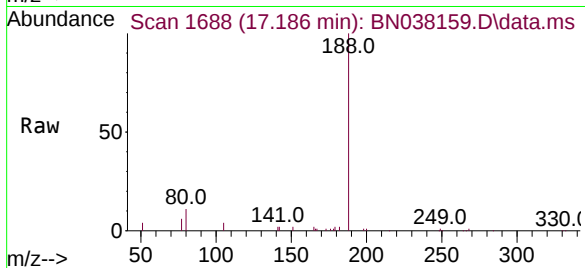
Tgt Ion:188 Resp: 32744

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.7 8.6 13.0



#26

Anthracene

Concen: 0.021 ng

RT: 17.322 min Scan# 1699

Delta R.T. 0.000 min

Lab File: BN038159.D

Acq: 07 Nov 2025 17:58

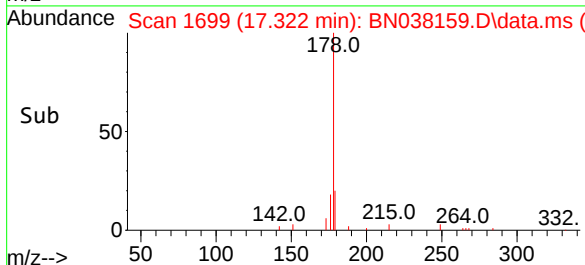
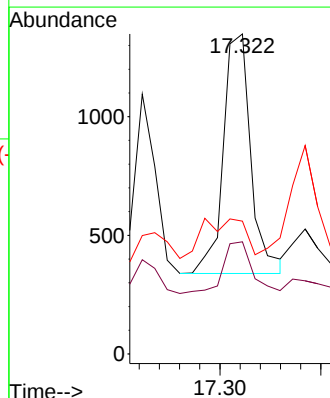
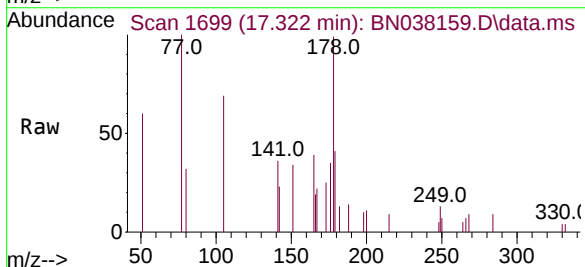
Tgt Ion:178 Resp: 1917

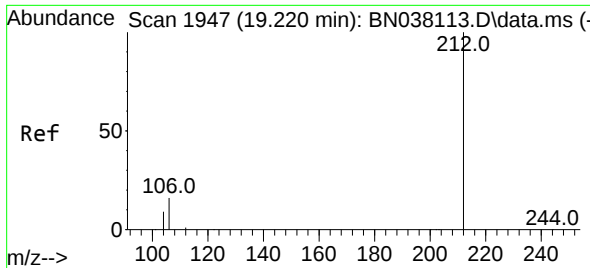
Ion Ratio Lower Upper

178 100

176 22.9 14.9 22.3#

179 0.0 11.8 17.8#





#27

Fluoranthene-d10

Concen: 0.311 ng

RT: 19.234 min Scan# 1950

Delta R.T. 0.014 min

Lab File: BN038159.D

Acq: 07 Nov 2025 17:58

Instrument :

BNA_N

ClientSampleId :

MW-EB-3

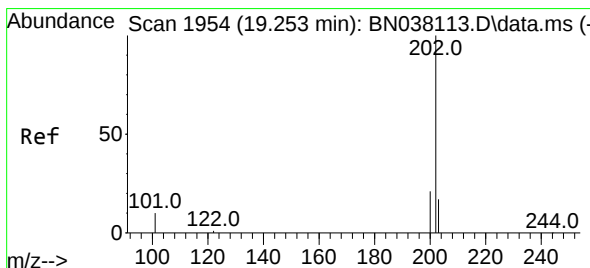
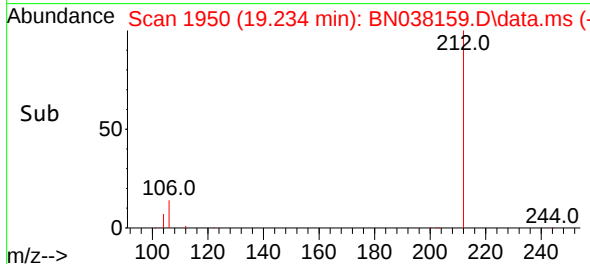
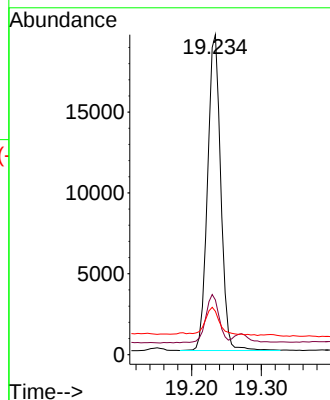
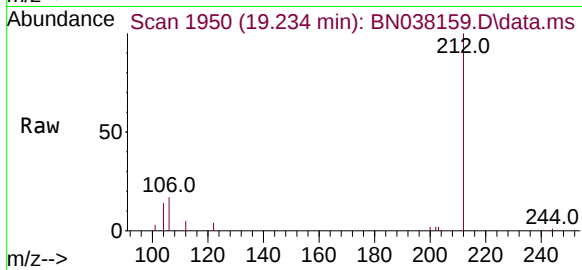
Tgt Ion:212 Resp: 25680

Ion Ratio Lower Upper

212 100

106 15.6 12.6 19.0

104 10.0 7.1 10.7



#28

Fluoranthene

Concen: 0.049 ng

RT: 19.262 min Scan# 1956

Delta R.T. 0.009 min

Lab File: BN038159.D

Acq: 07 Nov 2025 17:58

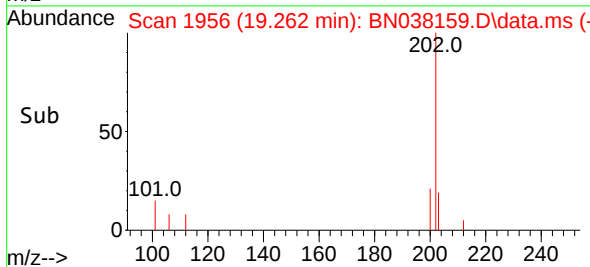
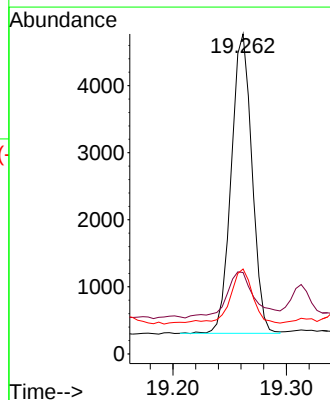
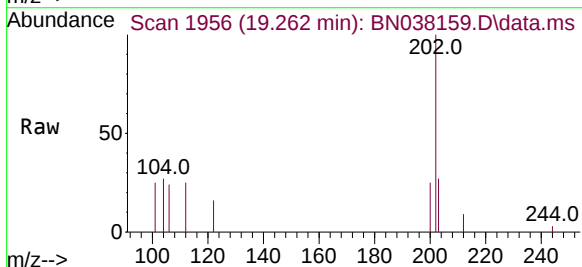
Tgt Ion:202 Resp: 5681

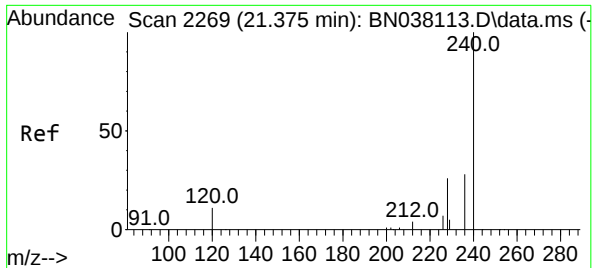
Ion Ratio Lower Upper

202 100

101 21.1 9.4 14.2#

203 18.4 13.4 20.2





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.375 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN038159.D

Acq: 07 Nov 2025 17:58

Instrument :

BNA_N

ClientSampleId :

MW-EB-3

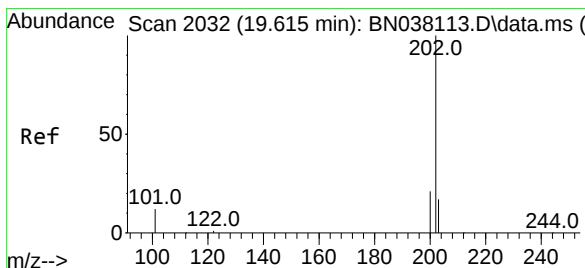
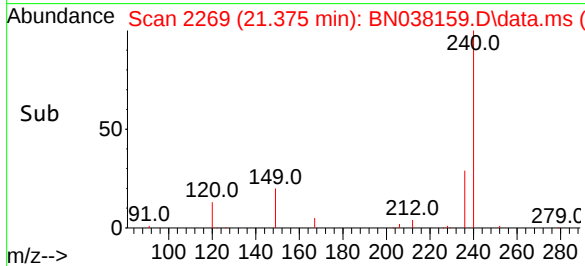
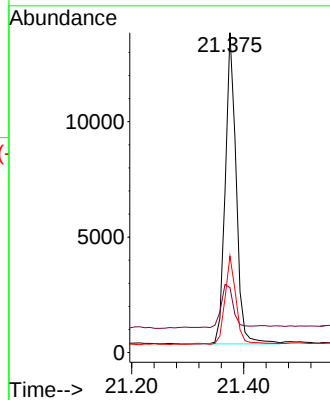
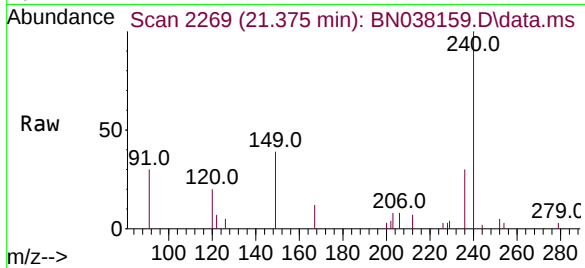
Tgt Ion:240 Resp: 18258

Ion Ratio Lower Upper

240 100

120 20.3 10.7 16.1#

236 30.2 23.1 34.7



#30

Pyrene

Concen: 0.050 ng

RT: 19.615 min Scan# 2032

Delta R.T. 0.005 min

Lab File: BN038159.D

Acq: 07 Nov 2025 17:58

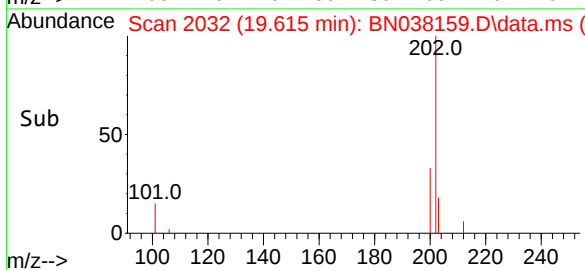
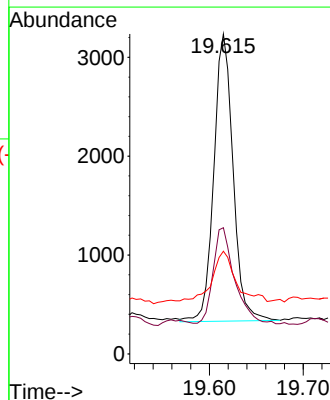
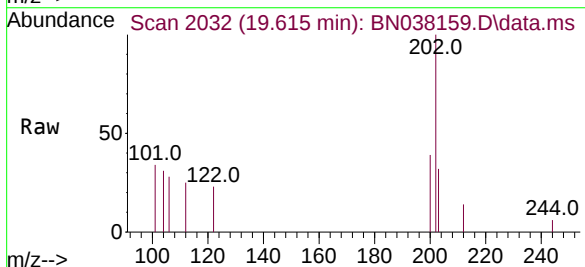
Tgt Ion:202 Resp: 4139

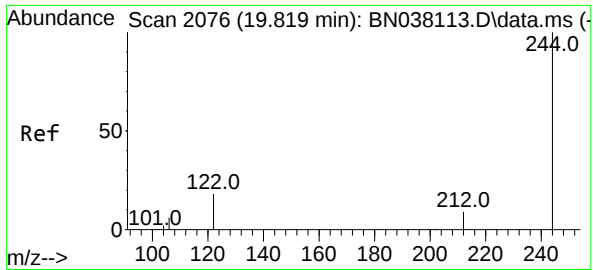
Ion Ratio Lower Upper

202 100

200 39.0 16.7 25.1#

203 20.1 14.2 21.2

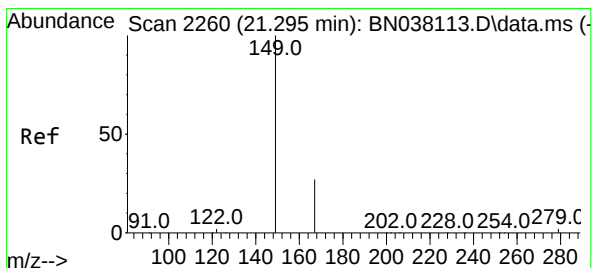
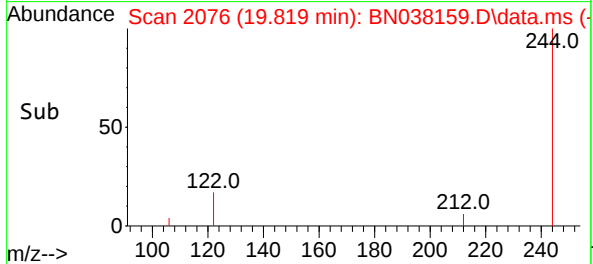
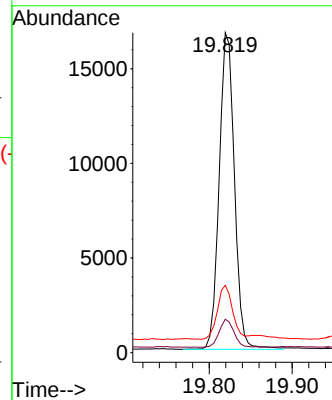
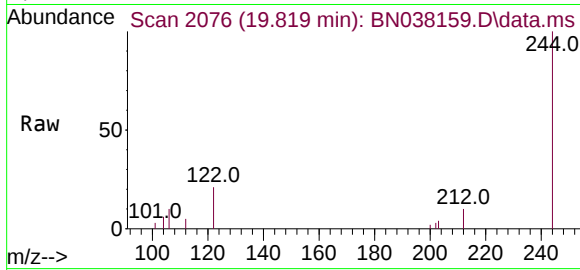




#31
 Terphenyl-d14
 Concen: 0.541 ng
 RT: 19.819 min Scan# 2076
 Delta R.T. 0.000 min
 Lab File: BN038159.D
 Acq: 07 Nov 2025 17:58

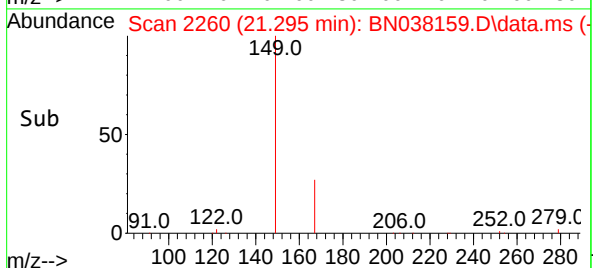
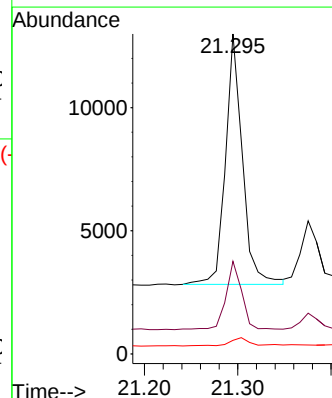
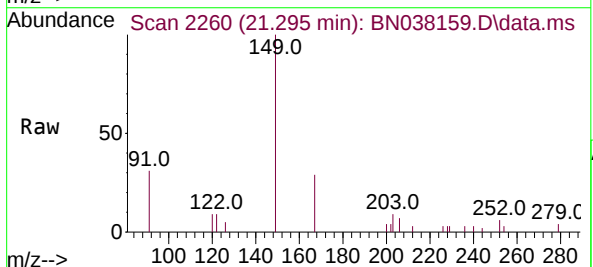
Instrument :
 BNA_N
 ClientSampleId :
 MW-EB-3

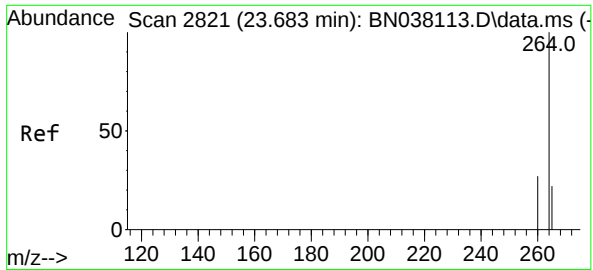
Tgt Ion:244	Resp:	21461
Ion Ratio	Lower	Upper
244	100	
212	10.4	7.8 11.6
122	21.0	15.2 22.8



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.375 ng
 RT: 21.295 min Scan# 2260
 Delta R.T. 0.000 min
 Lab File: BN038159.D
 Acq: 07 Nov 2025 17:58

Tgt Ion:149	Resp:	12875
Ion Ratio	Lower	Upper
149	100	
167	24.6	21.1 31.7
279	3.8	2.9 4.3





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.686 min Scan# 2821

Delta R.T. 0.006 min

Lab File: BN038159.D

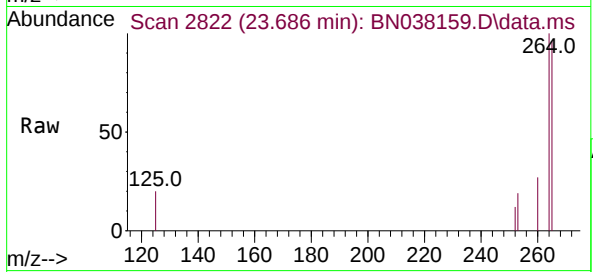
Acq: 07 Nov 2025 17:58

Instrument :

BNA_N

ClientSampleId :

MW-EB-3



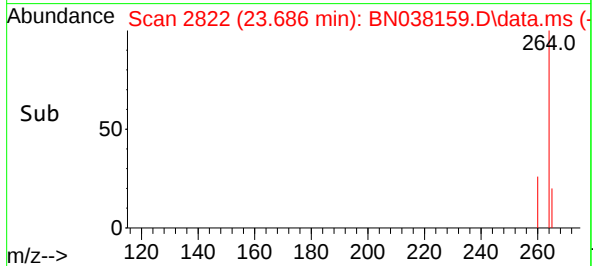
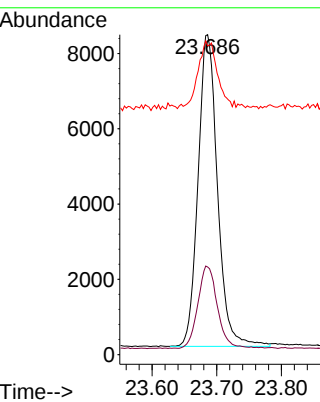
Tgt Ion:264 Resp: 17319

Ion	Ratio	Lower	Upper
-----	-------	-------	-------

264	100		
-----	-----	--	--

260	27.4	21.8	32.8
-----	------	------	------

265	96.5	68.6	102.8
-----	------	------	-------



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110725\
 Data File : BN038167.D
 Acq On : 07 Nov 2025 23:31
 Operator : RC/JU
 Sample : Q3534-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 FB-1

Quant Time: Nov 08 03:28:16 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 29 13:09:46 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

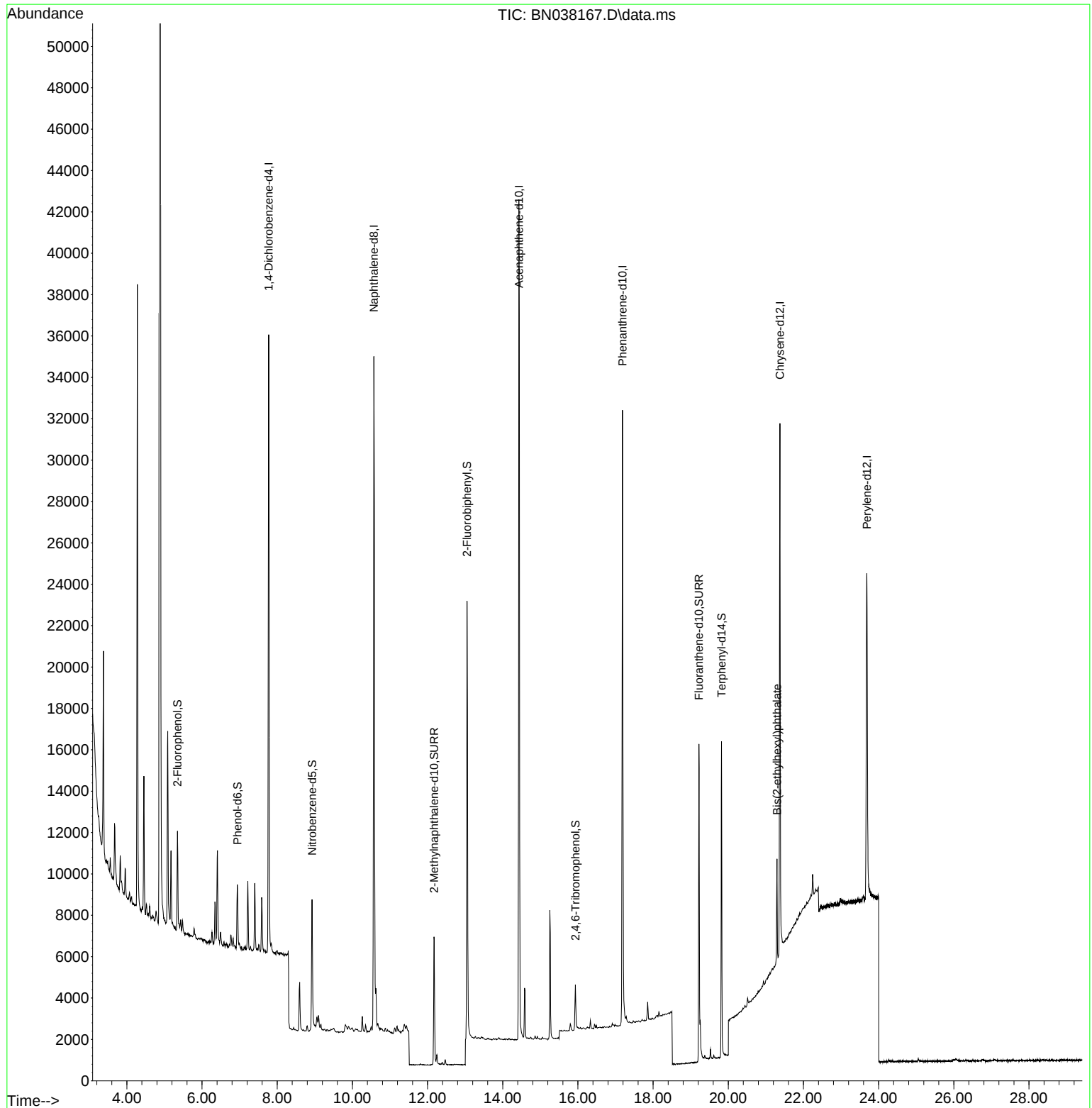
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	14967	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	45140	0.400	ng	# 0.00
13) Acenaphthene-d10	14.430	164	24883	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	41414	0.400	ng	0.00
29) Chrysene-d12	21.375	240	24824	0.400	ng	0.00
35) Perylene-d12	23.686	264	24058	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	3720	0.106	ng	0.00
5) Phenol-d6	6.944	99	3198	0.074	ng	0.00
8) Nitrobenzene-d5	8.928	82	5752	0.158	ng	0.00
11) 2-Methylnaphthalene-d10	12.172	152	9148	0.142	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	1408	0.137	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	19428	0.195	ng	0.00
27) Fluoranthene-d10	19.220	212	17300	0.166	ng	0.00
31) Terphenyl-d14	19.819	244	15101	0.280	ng	0.00
Target Compounds						
34) Bis(2-ethylhexyl)phtha...	21.295	149	4898	0.105	ng	Qvalue 96

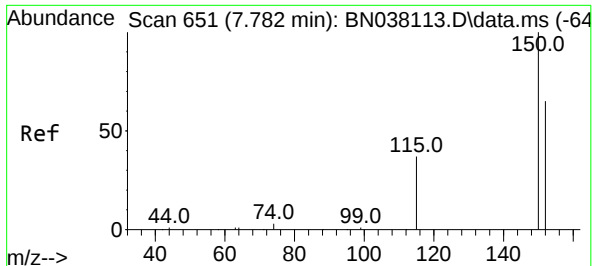
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110725\
Data File : BN038167.D
Acq On : 07 Nov 2025 23:31
Operator : RC/JU
Sample : Q3534-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
FB-1

Quant Time: Nov 08 03:28:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration

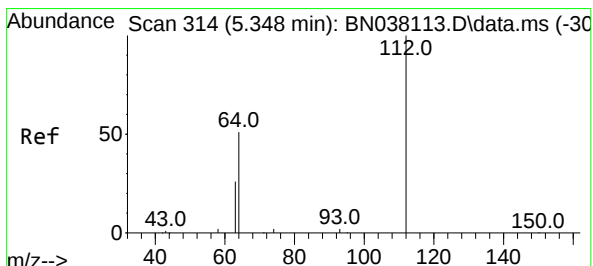
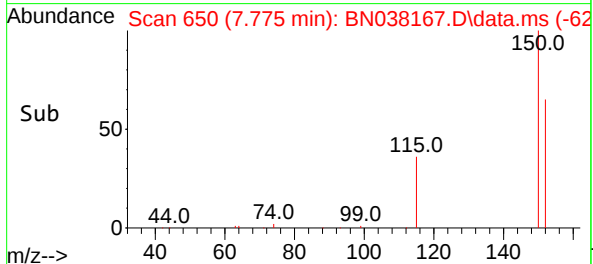
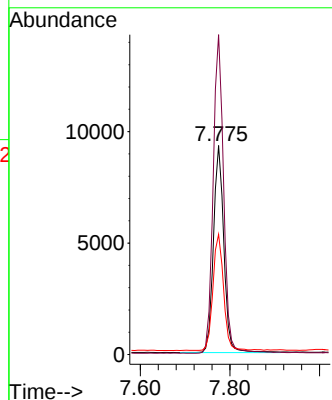
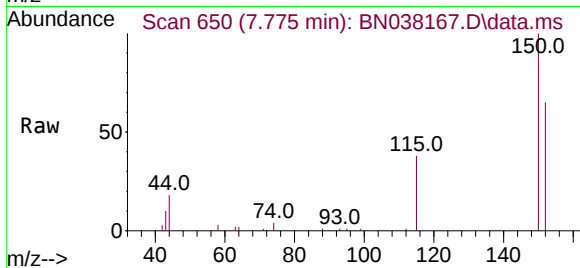




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.775 min Scan# 651
Delta R.T. -0.000 min
Lab File: BN038167.D
Acq: 07 Nov 2025 23:31

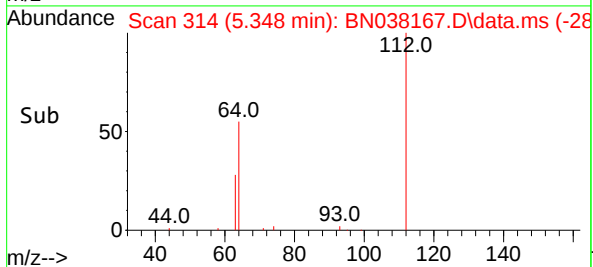
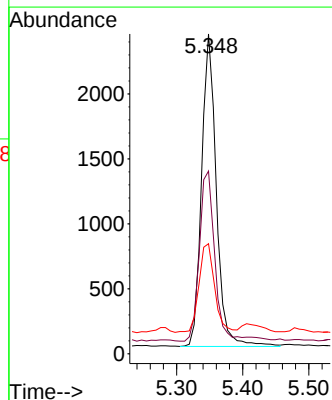
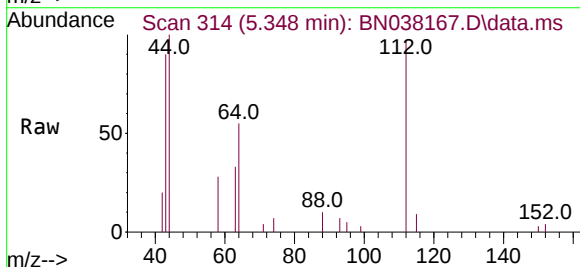
Instrument :
BNA_N
ClientSampleId :
FB-1

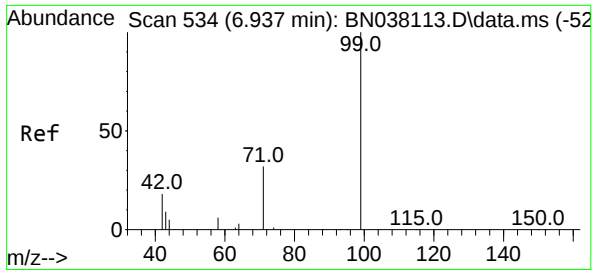
Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.1	122.3	183.5
115	57.5	47.4	71.0



#4
2-Fluorophenol
Concen: 0.106 ng
RT: 5.348 min Scan# 314
Delta R.T. -0.000 min
Lab File: BN038167.D
Acq: 07 Nov 2025 23:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.8	45.4	68.0
63	30.4	23.2	34.8

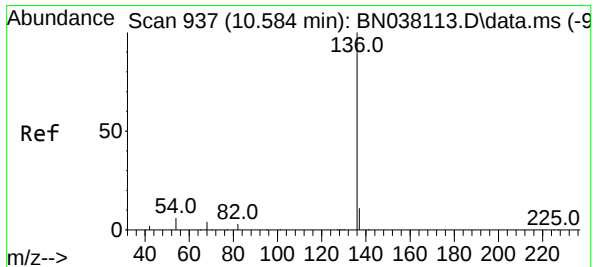
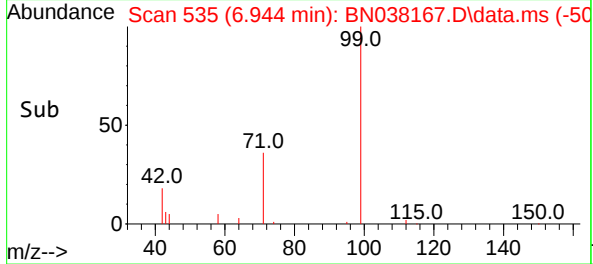
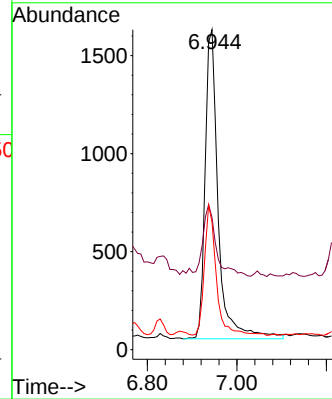
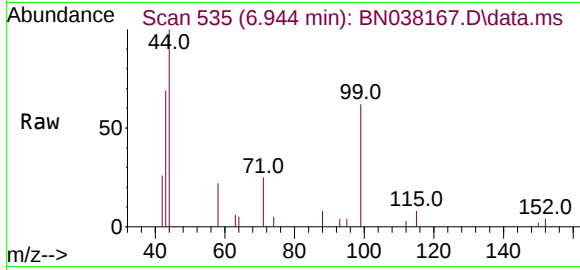




#5
Phenol-d6
Concen: 0.074 ng
RT: 6.944 min Scan# 534
Delta R.T. 0.007 min
Lab File: BN038167.D
Acq: 07 Nov 2025 23:31

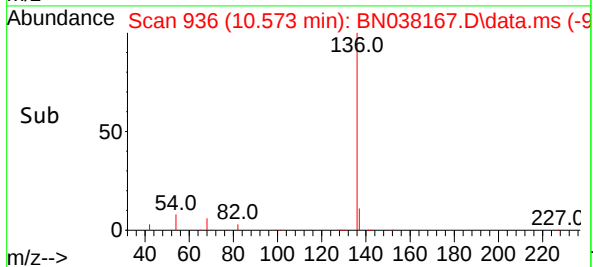
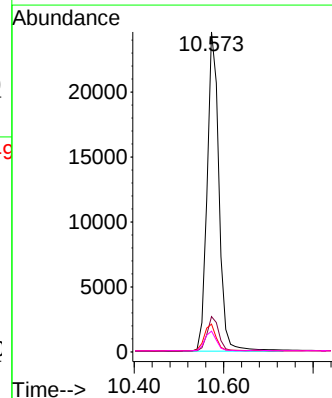
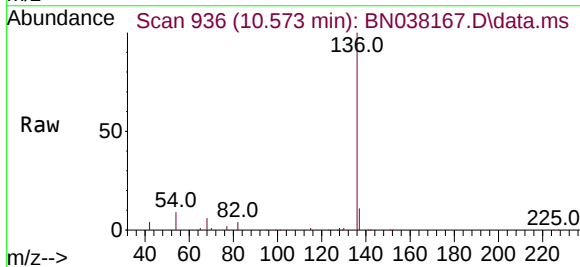
Instrument :
BNA_N
ClientSampleId :
FB-1

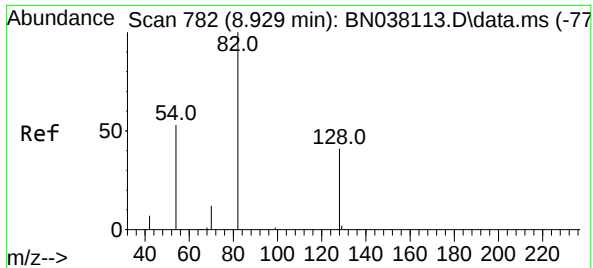
Tgt Ion:	99	Resp:	3198
Ion	Ratio	Lower	Upper
99	100		
42	24.9	16.6	24.8#
71	38.4	25.4	38.2#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 936
Delta R.T. -0.000 min
Lab File: BN038167.D
Acq: 07 Nov 2025 23:31

Tgt Ion:	136	Resp:	45140
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	8.7	5.2	7.8#
68	6.5	4.1	6.1#

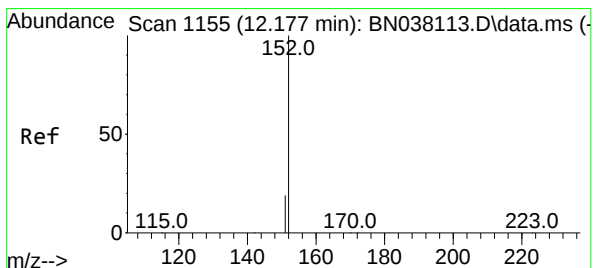
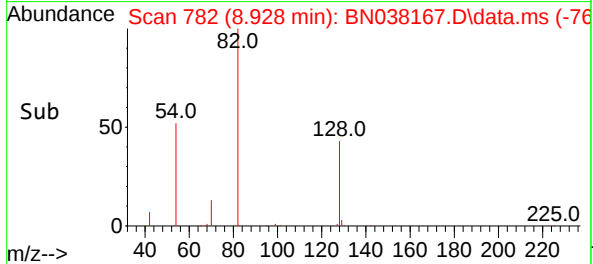
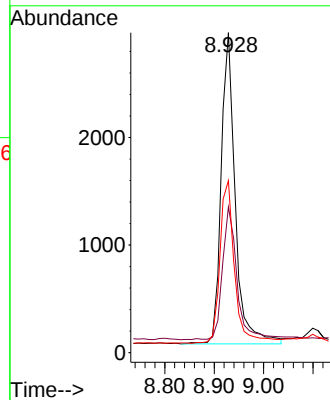
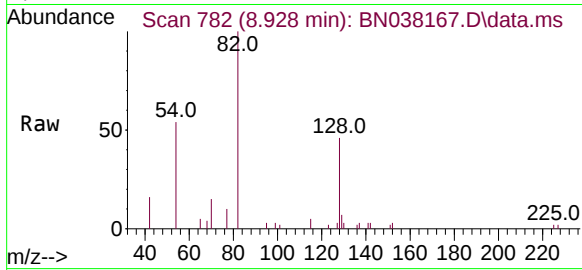




#8
Nitrobenzene-d5
Concen: 0.158 ng
RT: 8.928 min Scan# 782
Delta R.T. -0.000 min
Lab File: BN038167.D
Acq: 07 Nov 2025 23:31

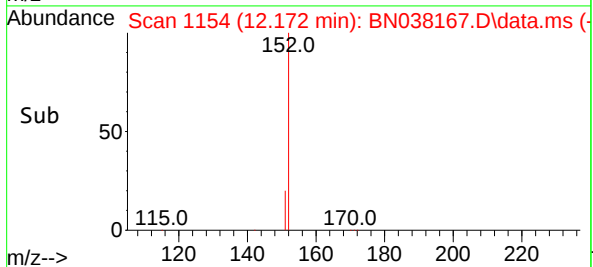
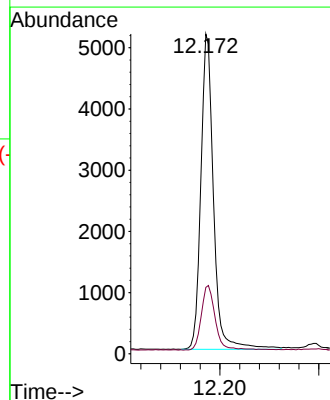
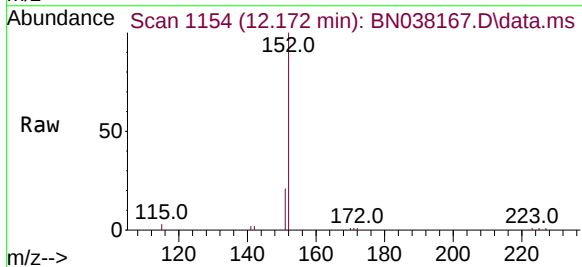
Instrument :
BNA_N
ClientSampleId :
FB-1

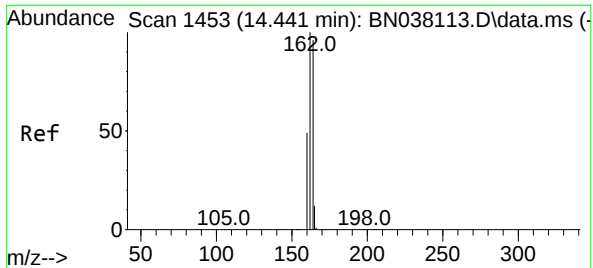
Tgt Ion:	82	Resp:	5752
Ion	Ratio	Lower	Upper
82	100		
128	45.5	34.1	51.1
54	53.7	43.5	65.3



#11
2-Methylnaphthalene-d10
Concen: 0.142 ng
RT: 12.172 min Scan# 1154
Delta R.T. -0.005 min
Lab File: BN038167.D
Acq: 07 Nov 2025 23:31

Tgt Ion:	152	Resp:	9148
Ion	Ratio	Lower	Upper
152	100		
151	22.6	16.8	25.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.430 min Scan# 14

Delta R.T. -0.000 min

Lab File: BN038167.D

Acq: 07 Nov 2025 23:31

Instrument :

BNA_N

ClientSampleId :

FB-1

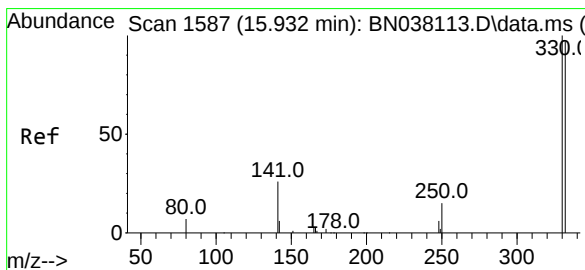
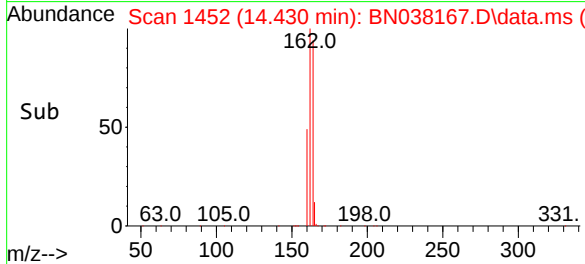
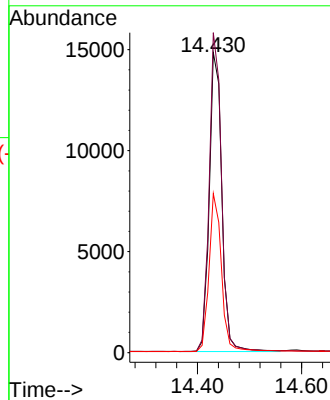
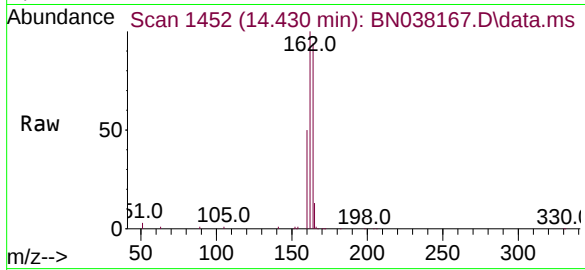
Tgt Ion:164 Resp: 24883

Ion Ratio Lower Upper

164 100

162 106.7 83.0 124.4

160 53.0 40.7 61.1



#14

2,4,6-Tribromophenol

Concen: 0.137 ng

RT: 15.932 min Scan# 1587

Delta R.T. -0.000 min

Lab File: BN038167.D

Acq: 07 Nov 2025 23:31

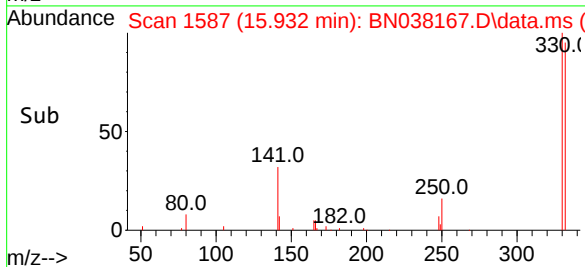
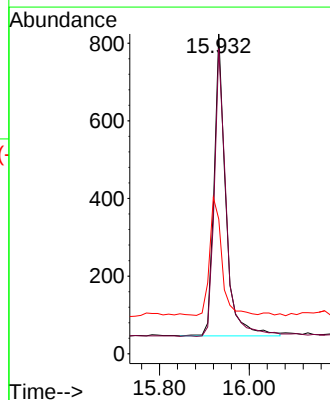
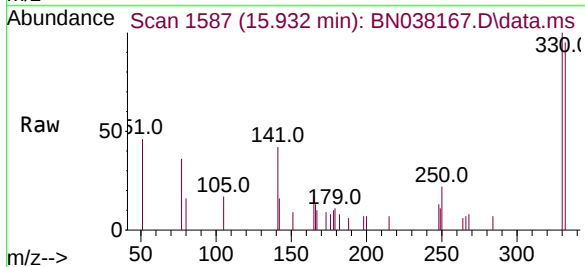
Tgt Ion:330 Resp: 1408

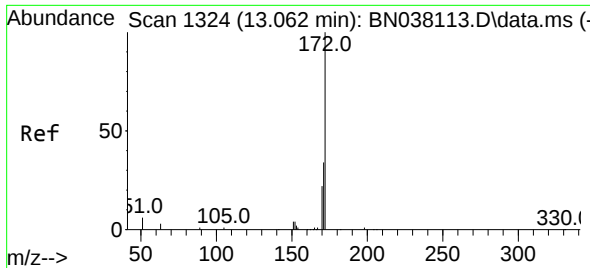
Ion Ratio Lower Upper

330 100

332 96.7 76.6 114.8

141 41.1 34.1 51.1

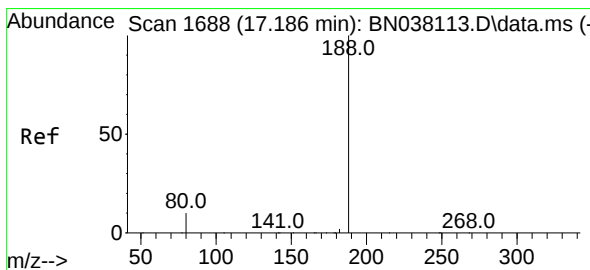
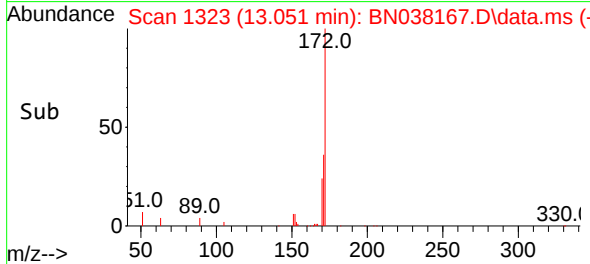
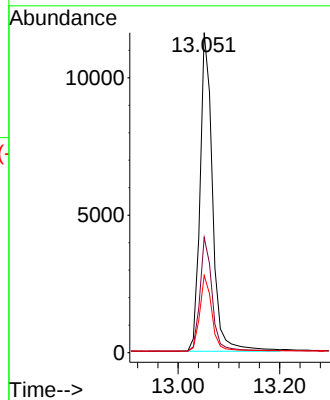
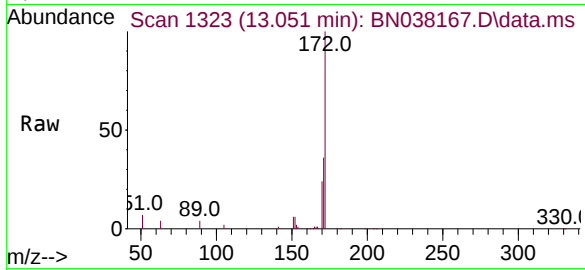




#15
2-Fluorobiphenyl
Concen: 0.195 ng
RT: 13.051 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BN038167.D
Acq: 07 Nov 2025 23:31

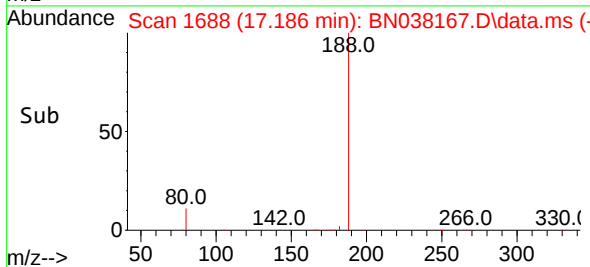
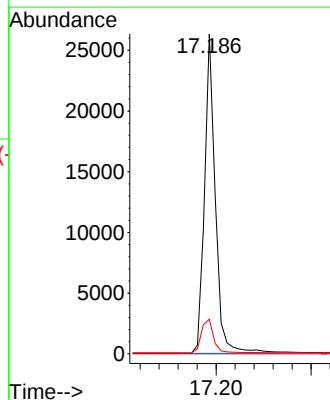
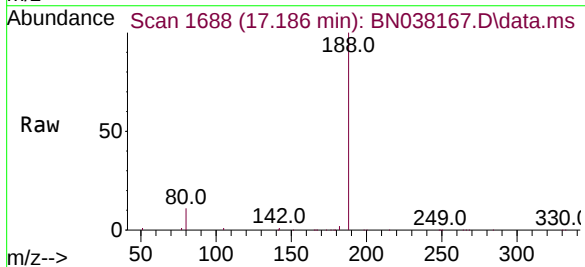
Instrument :
BNA_N
ClientSampleId :
FB-1

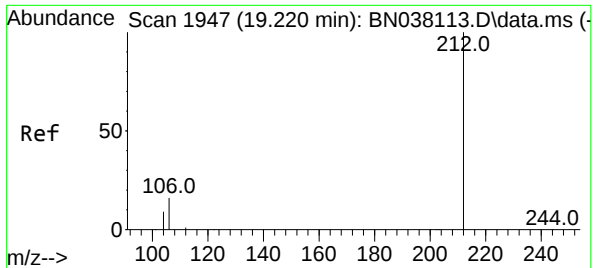
Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	27.8	41.6
170	24.1	18.1	27.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1688
Delta R.T. -0.000 min
Lab File: BN038167.D
Acq: 07 Nov 2025 23:31

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.8	8.6	13.0





#27

Fluoranthene-d10

Concen: 0.166 ng

RT: 19.220 min Scan# 1947

Delta R.T. -0.000 min

Lab File: BN038167.D

Acq: 07 Nov 2025 23:31

Instrument :

BNA_N

ClientSampleId :

FB-1

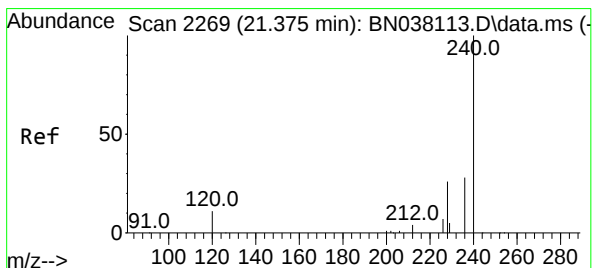
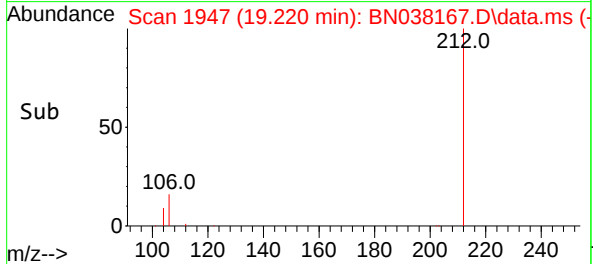
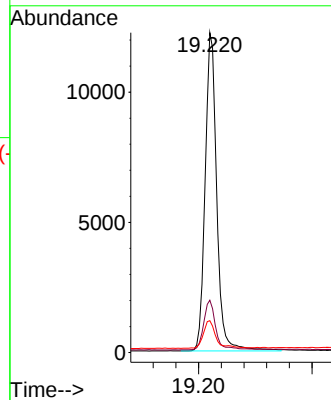
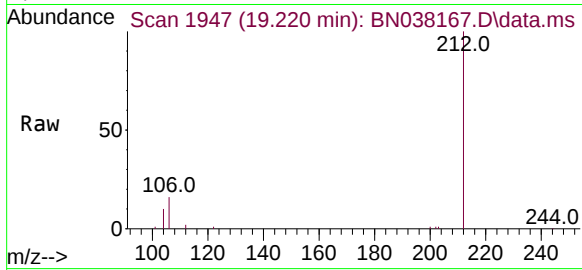
Tgt Ion:212 Resp: 17300

Ion Ratio Lower Upper

212 100

106 16.8 12.6 19.0

104 9.5 7.1 10.7



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.375 min Scan# 2269

Delta R.T. -0.000 min

Lab File: BN038167.D

Acq: 07 Nov 2025 23:31

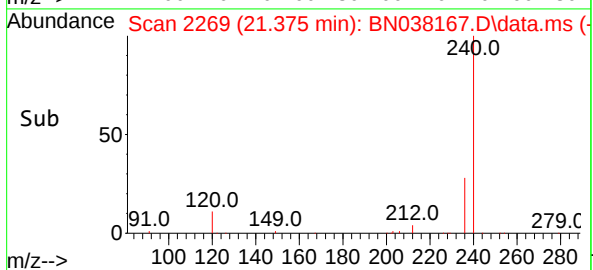
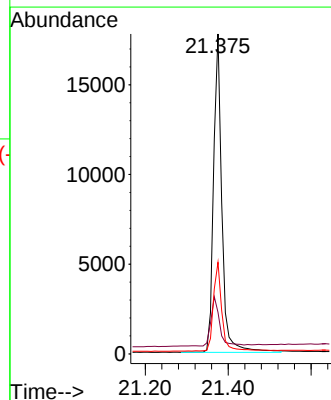
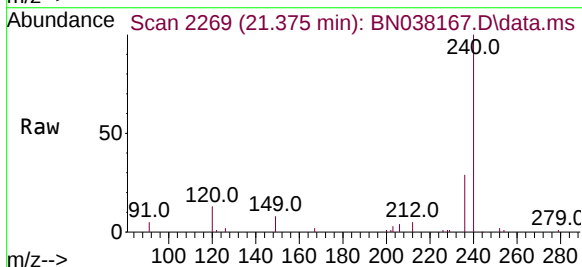
Tgt Ion:240 Resp: 24824

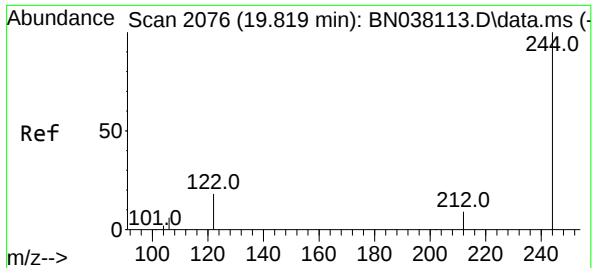
Ion Ratio Lower Upper

240 100

120 13.0 10.7 16.1

236 28.6 23.1 34.7

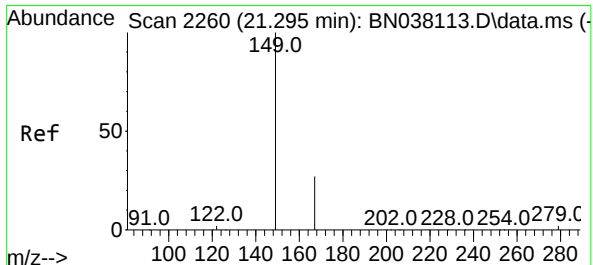
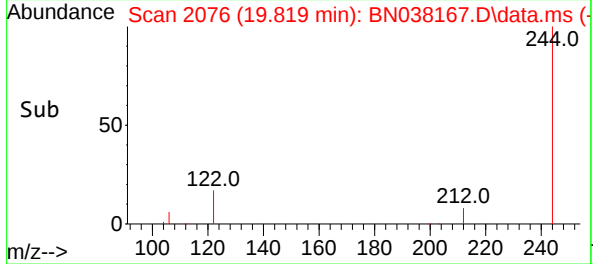
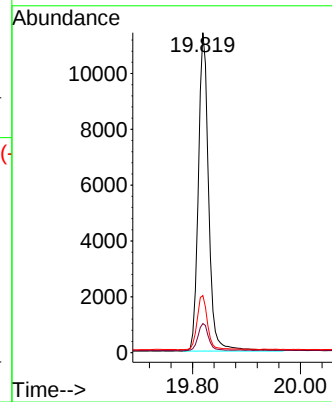
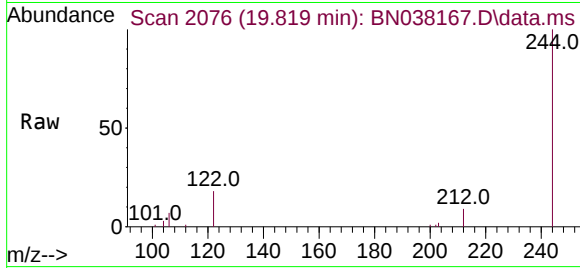




#31
Terphenyl-d14
Concen: 0.280 ng
RT: 19.819 min Scan# 2076
Delta R.T. -0.000 min
Lab File: BN038167.D
Acq: 07 Nov 2025 23:31

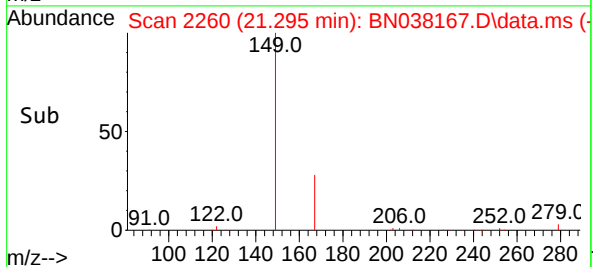
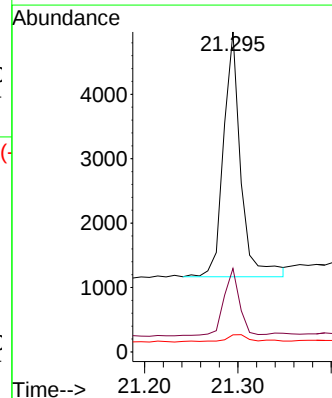
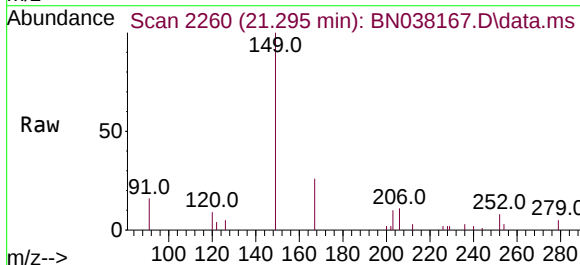
Instrument :
BNA_N
ClientSampleId :
FB-1

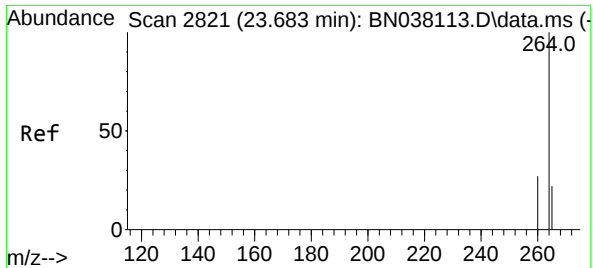
Tgt Ion:244	Resp:	15101
Ion Ratio	Lower	Upper
244	100	
212	9.1	7.8 11.6
122	17.8	15.2 22.8



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.105 ng
RT: 21.295 min Scan# 2260
Delta R.T. -0.000 min
Lab File: BN038167.D
Acq: 07 Nov 2025 23:31

Tgt Ion:149	Resp:	4898
Ion Ratio	Lower	Upper
149	100	
167	24.2	21.1 31.7
279	3.8	2.9 4.3





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.686 min Scan# 2821

Delta R.T. 0.006 min

Lab File: BN038167.D

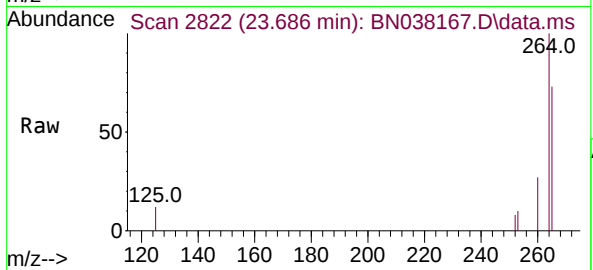
Acq: 07 Nov 2025 23:31

Instrument :

BNA_N

ClientSampleId :

FB-1



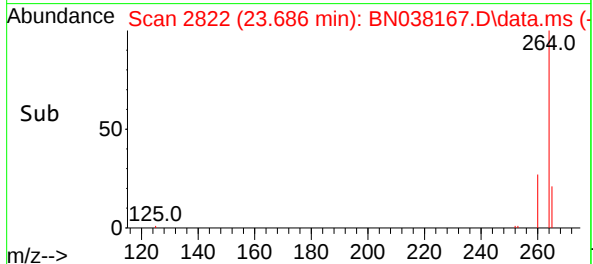
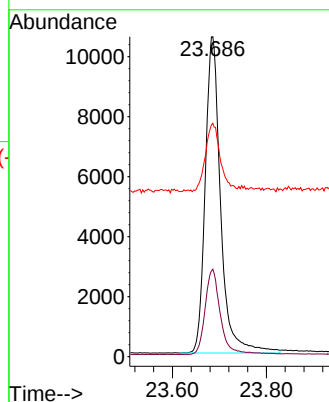
Tgt Ion:264 Resp: 24058

Ion Ratio Lower Upper

264 100

260 27.3 21.8 32.8

265 72.9 68.6 102.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110725\
 Data File : BN038168.D
 Acq On : 08 Nov 2025 00:07
 Operator : RC/JU
 Sample : Q3534-10
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EB-1

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/10/2025
 Supervised By :Jagrut Upadhyay 11/10/2025

Quant Time: Nov 08 03:28:30 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 29 13:09:46 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	7465	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	23044	0.400	ng	# 0.00
13) Acenaphthene-d10	14.430	164	12718	0.400	ng	0.00
19) Phenanthrene-d10	17.185	188	20516	0.400	ng	0.00
29) Chrysene-d12	21.375	240	12475	0.400	ng	# 0.00
35) Perylene-d12	23.683	264	12586	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	3252	0.185	ng	0.00
5) Phenol-d6	6.944	99	2594	0.121	ng	0.00
8) Nitrobenzene-d5	8.928	82	5623	0.302	ng	0.00
11) 2-Methylnaphthalene-d10	12.176	152	9042	0.275	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	1284	0.245	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	17785	0.349	ng	0.00
27) Fluoranthene-d10	19.224	212	15695	0.303	ng	0.00
31) Terphenyl-d14	19.819	244	15454	0.570	ng	0.00
Target Compounds						
9) Naphthalene	10.626	128	6391	0.101	ng	97
12) 2-Methylnaphthalene	12.247	142	1632	0.039	ng	# 95
18) Fluorene	15.488	166	1417	0.027	ng	96
21) 4-Bromophenyl-phenylether	16.379	248	378	0.028	ng	# 82
22) Hexachlorobenzene	16.503	284	489	0.032	ng	# 90
25) Phenanthrene	17.223	178	2200m	0.034	ng	
26) Anthracene	17.322	178	1391	0.024	ng	98
28) Fluoranthene	19.252	202	1600	0.022	ng	96
30) Pyrene	19.615	202	1451	0.026	ng	97
32) Benzo(a)anthracene	21.357	228	1048	0.024	ng	# 85
33) Chrysene	21.411	228	1315	0.027	ng	# 88
34) Bis(2-ethylhexyl)phtha...	21.294	149	3395	0.145	ng	# 97
36) Indeno(1,2,3-cd)pyrene	26.042	276	1621	0.031	ng	# 80
37) Benzo(b)fluoranthene	22.987	252	1407	0.026	ng	# 1
38) Benzo(k)fluoranthene	23.034	252	1294	0.024	ng	# 1
40) Dibenzo(a,h)anthracene	26.057	278	1028	0.026	ng	# 1
41) Benzo(g,h,i)perylene	26.758	276	1300	0.029	ng	# 44

(#) = qualifier out of range (m) = manual integration (+) = signals summed

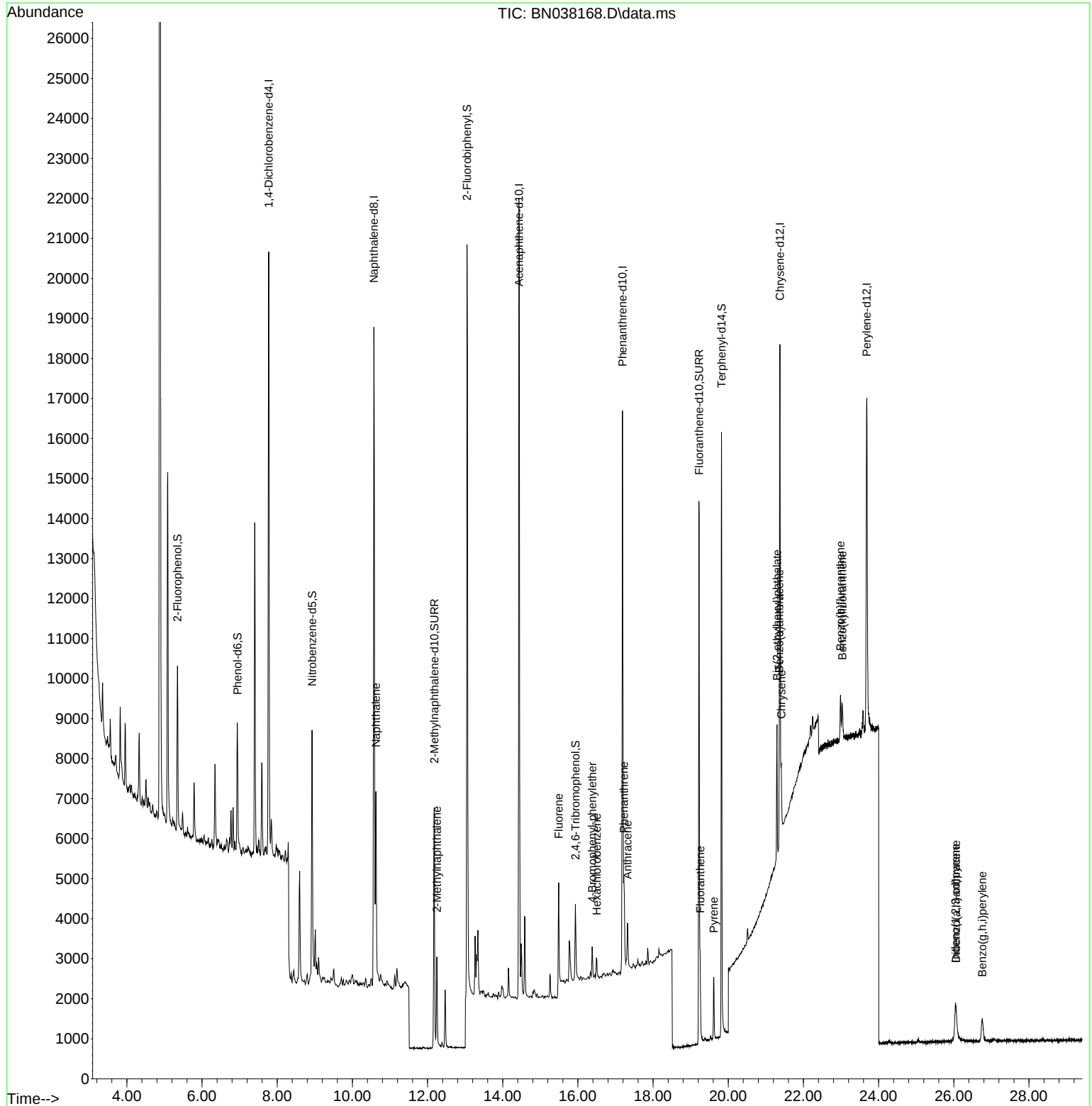
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110725\
Data File : BN038168.D
Acq On : 08 Nov 2025 00:07
Operator : RC/JU
Sample : Q3534-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

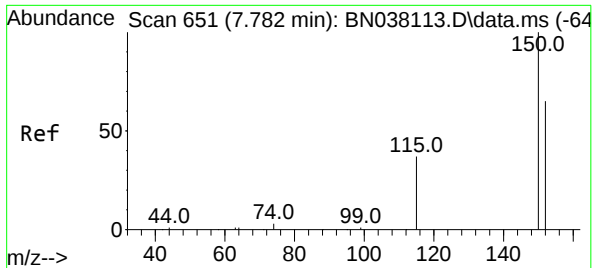
Instrument :
BNA_N
ClientSampleId :
EB-1

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

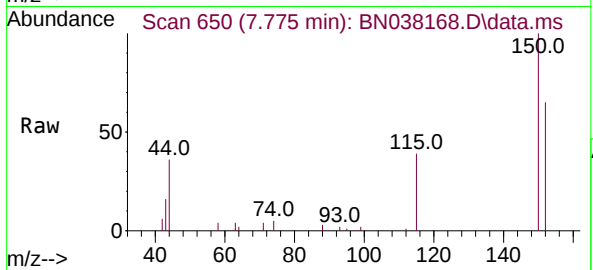
Quant Time: Nov 08 03:28:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.775 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN038168.D
Acq: 08 Nov 2025 00:07

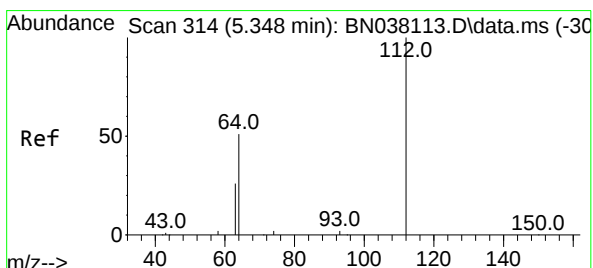
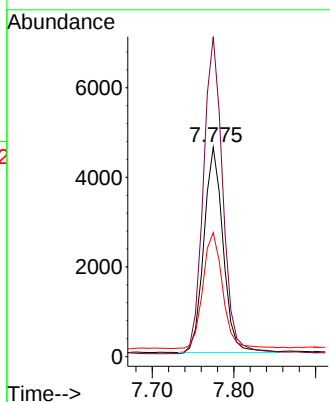
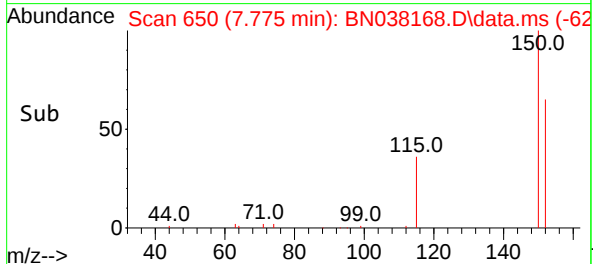
Instrument :
BNA_N
ClientSampleId :
EB-1



Tgt Ion:152 Resp: 7465
Ion Ratio Lower Upper
152 100
150 152.9 122.3 183.5
115 59.2 47.4 71.0

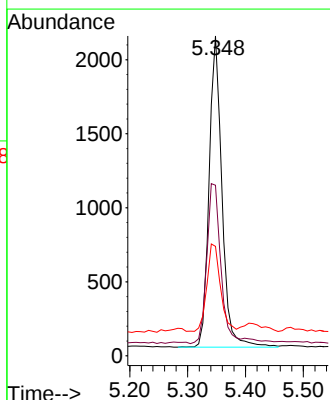
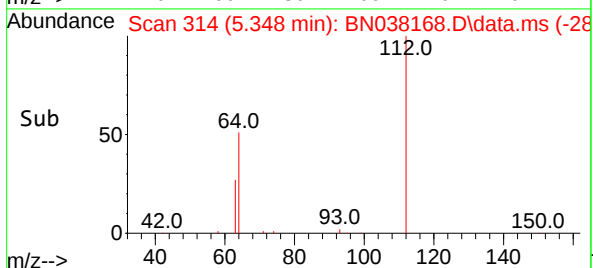
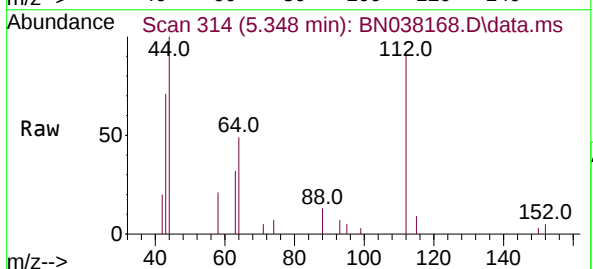
Manual Integrations
APPROVED

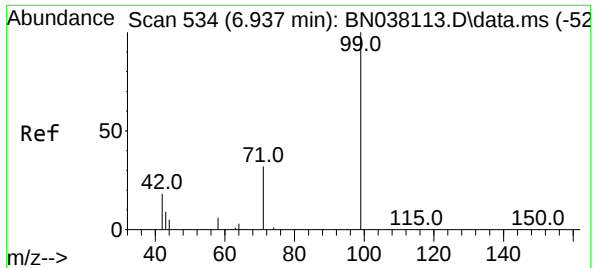
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#4
2-Fluorophenol
Concen: 0.185 ng
RT: 5.348 min Scan# 314
Delta R.T. -0.000 min
Lab File: BN038168.D
Acq: 08 Nov 2025 00:07

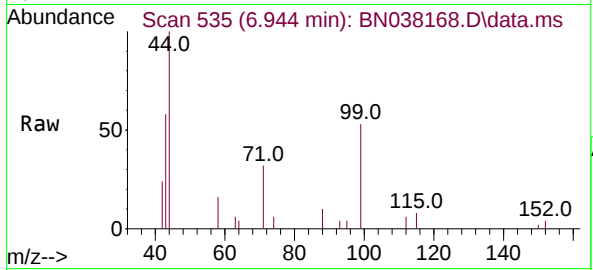
Tgt Ion:112 Resp: 3252
Ion Ratio Lower Upper
112 100
64 59.1 45.4 68.0
63 29.9 23.2 34.8





#5
Phenol-d6
Concen: 0.121 ng
RT: 6.944 min Scan# 534
Delta R.T. 0.007 min
Lab File: BN038168.D
Acq: 08 Nov 2025 00:07

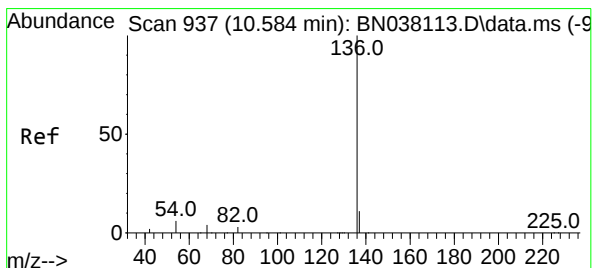
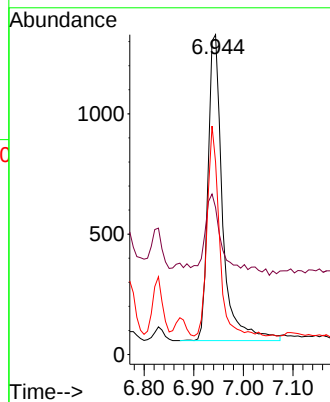
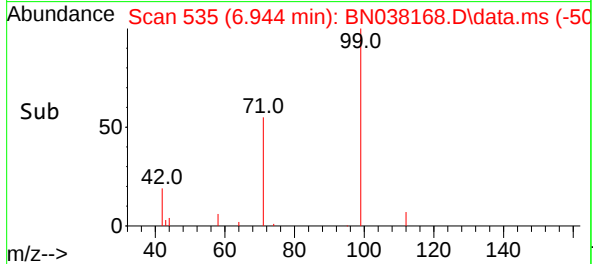
Instrument :
BNA_N
ClientSampleId :
EB-1



Tgt Ion: 99 Resp: 2594
Ion Ratio Lower Upper
99 100
42 32.8 16.6 24.8#
71 57.4 25.4 38.2#

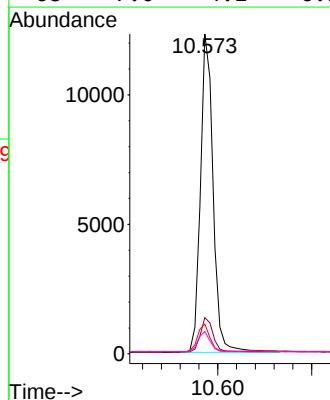
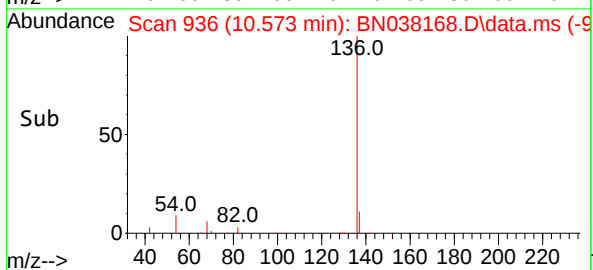
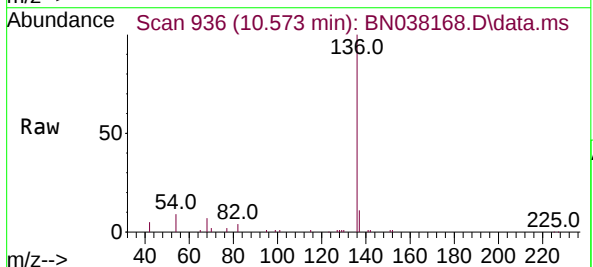
Manual Integrations
APPROVED

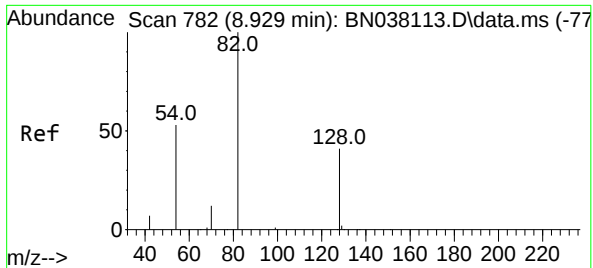
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 936
Delta R.T. -0.000 min
Lab File: BN038168.D
Acq: 08 Nov 2025 00:07

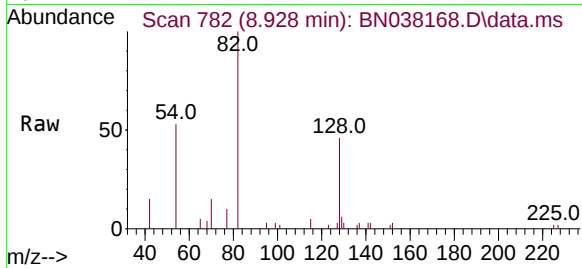
Tgt Ion:136 Resp: 23044
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.4
54 9.3 5.2 7.8#
68 7.0 4.1 6.1#





#8
Nitrobenzene-d5
Concen: 0.302 ng
RT: 8.928 min Scan# 782
Delta R.T. -0.000 min
Lab File: BN038168.D
Acq: 08 Nov 2025 00:07

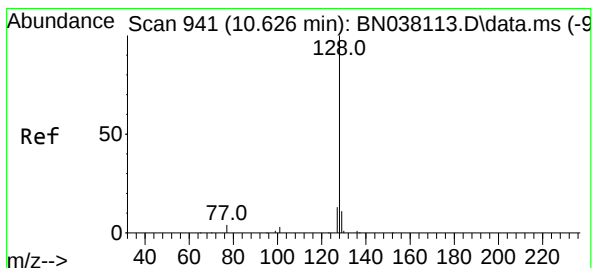
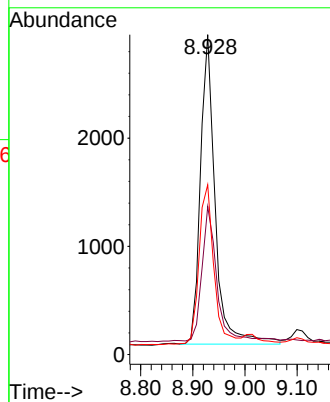
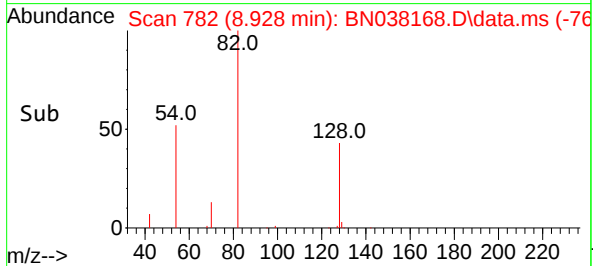
Instrument :
BNA_N
ClientSampleId :
EB-1



Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.3	34.1	51.1
54	53.1	43.5	65.3

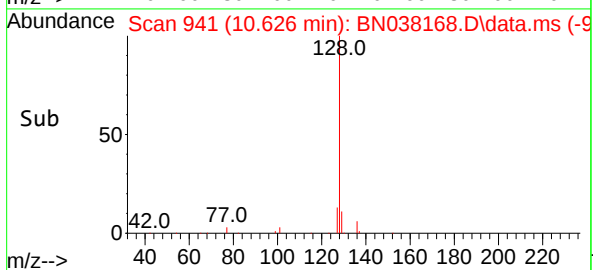
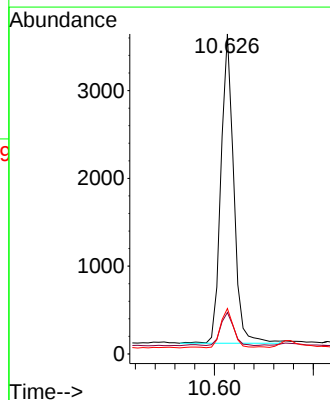
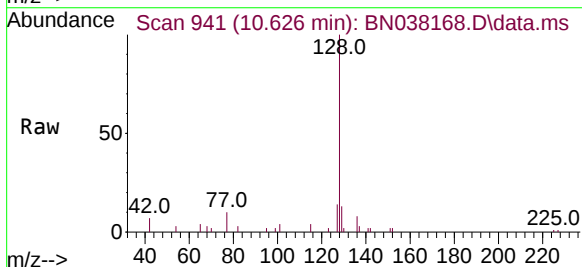
Manual Integrations
APPROVED

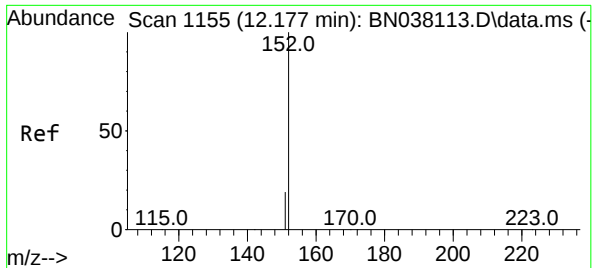
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#9
Naphthalene
Concen: 0.101 ng
RT: 10.626 min Scan# 941
Delta R.T. -0.000 min
Lab File: BN038168.D
Acq: 08 Nov 2025 00:07

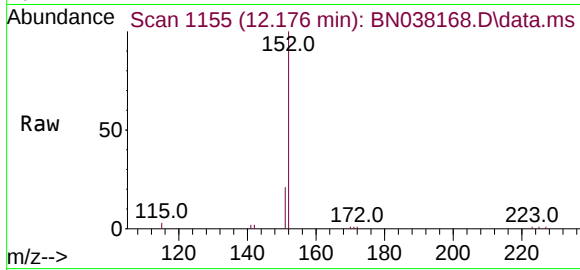
Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.9	9.1	13.7
127	14.2	10.5	15.7





#11
2-Methylnaphthalene-d10
Concen: 0.275 ng
RT: 12.176 min Scan# 1155
Delta R.T. -0.000 min
Lab File: BN038168.D
Acq: 08 Nov 2025 00:07

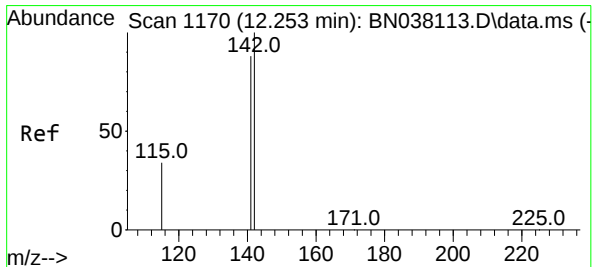
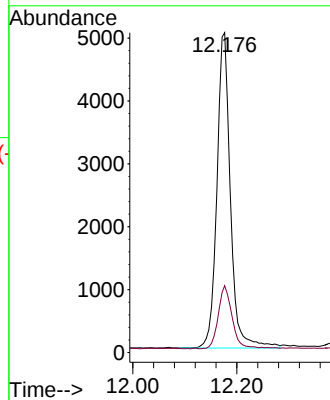
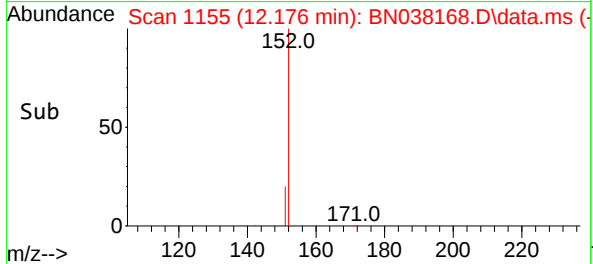
Instrument :
BNA_N
ClientSampleId :
EB-1



Tgt Ion:152 Resp: 9042
Ion Ratio Lower Upper
152 100
151 20.2 16.8 25.2

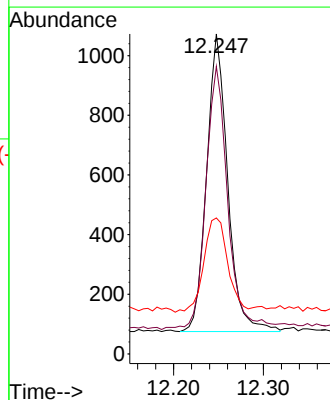
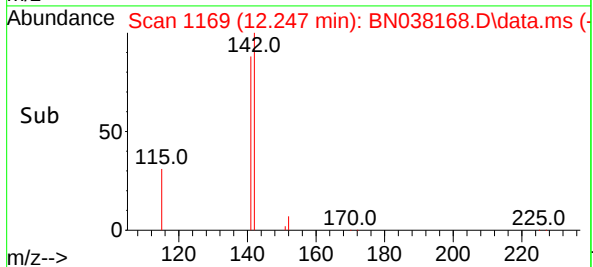
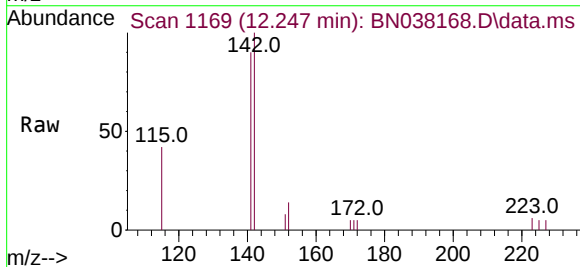
Manual Integrations
APPROVED

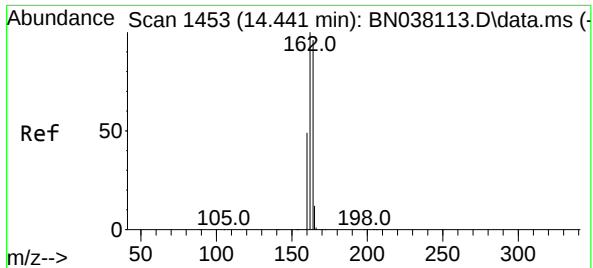
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#12
2-Methylnaphthalene
Concen: 0.039 ng
RT: 12.247 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BN038168.D
Acq: 08 Nov 2025 00:07

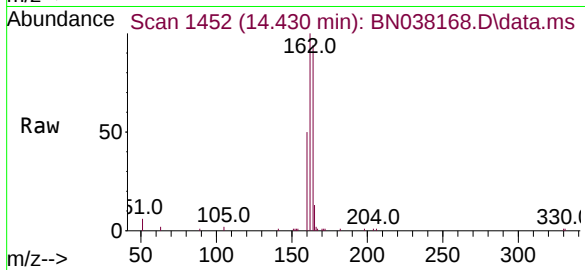
Tgt Ion:142 Resp: 1632
Ion Ratio Lower Upper
142 100
141 89.8 70.3 105.5
115 42.5 27.8 41.6#





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 1453
Delta R.T. -0.000 min
Lab File: BN038168.D
Acq: 08 Nov 2025 00:07

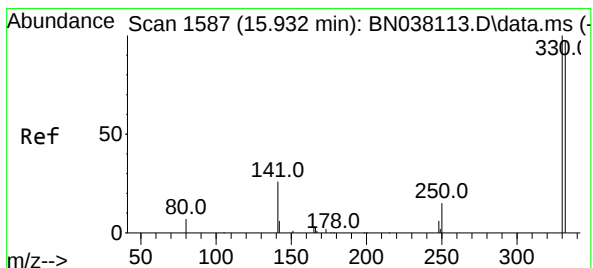
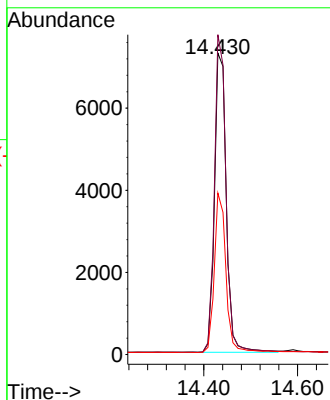
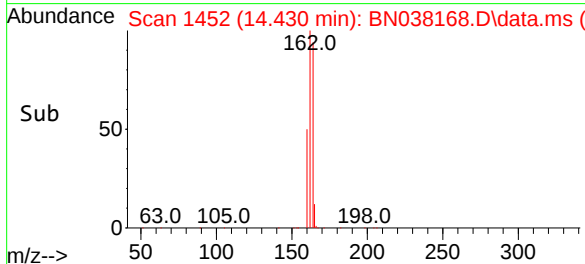
Instrument :
BNA_N
ClientSampleId :
EB-1



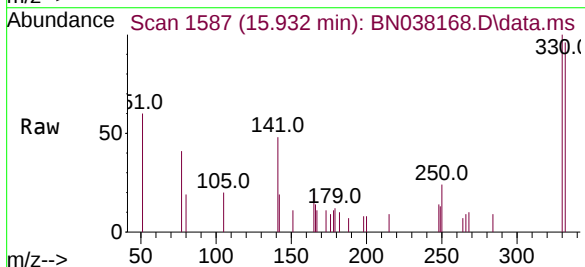
Tgt Ion:164 Resp: 12718
Ion Ratio Lower Upper
164 100
162 106.1 83.0 124.4
160 53.5 40.7 61.1

Manual Integrations
APPROVED

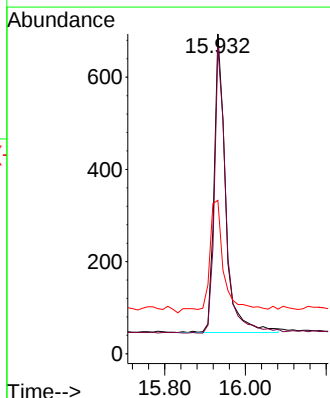
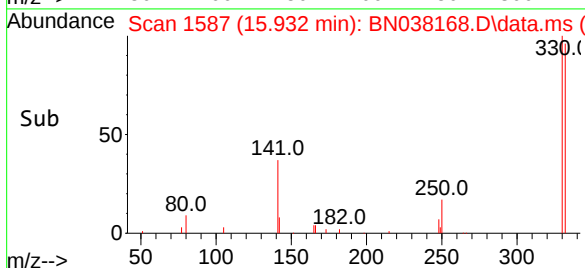
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

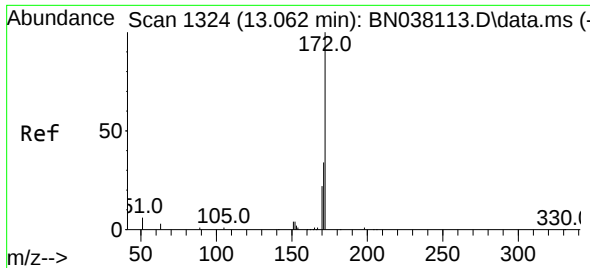


#14
2,4,6-Tribromophenol
Concen: 0.245 ng
RT: 15.932 min Scan# 1587
Delta R.T. -0.000 min
Lab File: BN038168.D
Acq: 08 Nov 2025 00:07



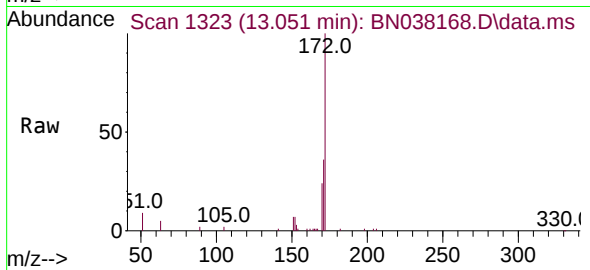
Tgt Ion:330 Resp: 1284
Ion Ratio Lower Upper
330 100
332 95.3 76.6 114.8
141 43.5 34.1 51.1





#15
2-Fluorobiphenyl
Concen: 0.349 ng
RT: 13.051 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BN038168.D
Acq: 08 Nov 2025 00:07

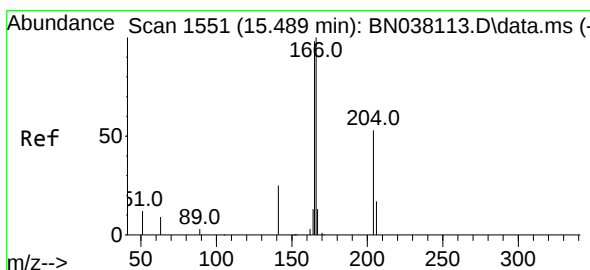
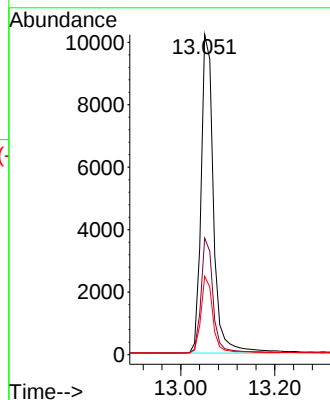
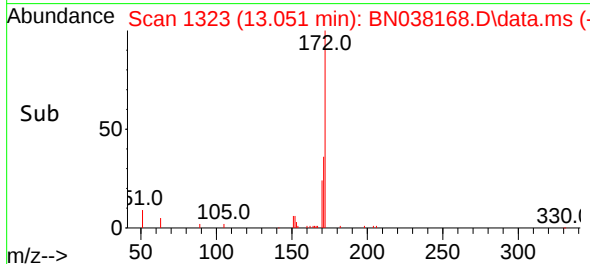
Instrument :
BNA_N
ClientSampleId :
EB-1



Tgt Ion:172 Resp: 1778
Ion Ratio Lower Upper
172 100
171 36.4 27.8 41.6
170 24.5 18.1 27.1

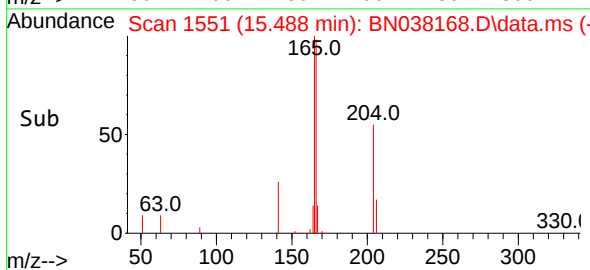
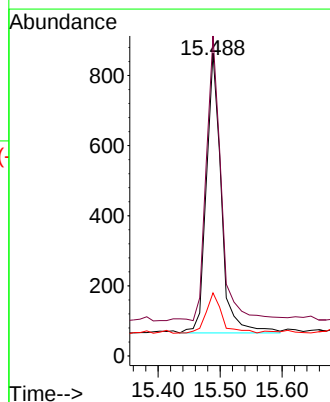
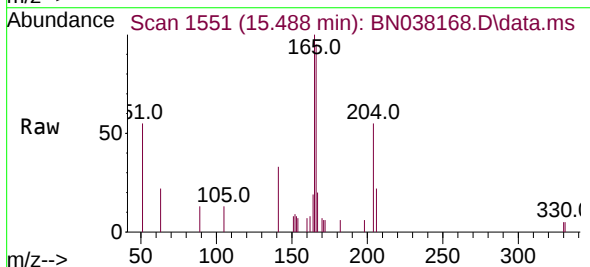
Manual Integrations
APPROVED

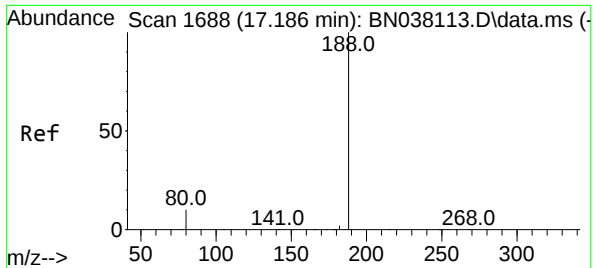
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#18
Fluorene
Concen: 0.027 ng
RT: 15.488 min Scan# 1551
Delta R.T. -0.001 min
Lab File: BN038168.D
Acq: 08 Nov 2025 00:07

Tgt Ion:166 Resp: 1417
Ion Ratio Lower Upper
166 100
165 102.9 79.0 118.4
167 14.6 10.7 16.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.185 min Scan# 1688

Delta R.T. -0.000 min

Lab File: BN038168.D

Acq: 08 Nov 2025 00:07

Instrument :

BNA_N

ClientSampleId :

EB-1

Tgt Ion:188 Resp: 20516

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

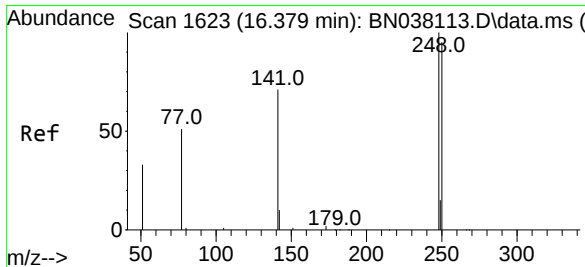
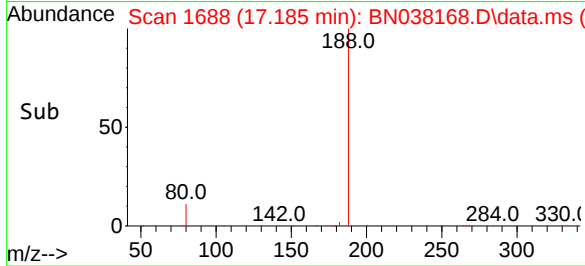
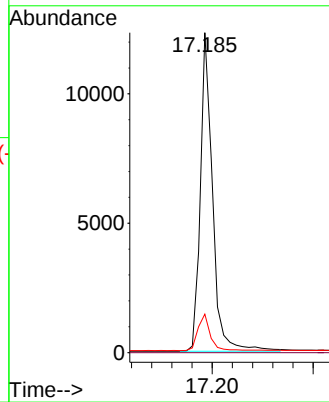
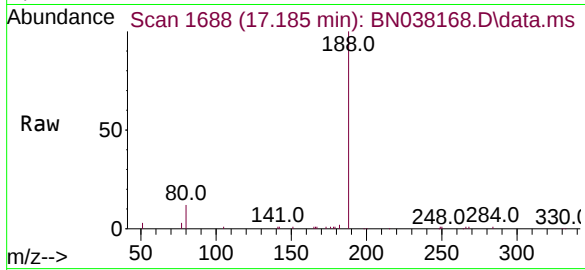
80 12.0 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/10/2025

Supervised By :Jagrut Upadhyay 11/10/2025



#21

4-Bromophenyl-phenylether

Concen: 0.028 ng

RT: 16.379 min Scan# 1623

Delta R.T. -0.000 min

Lab File: BN038168.D

Acq: 08 Nov 2025 00:07

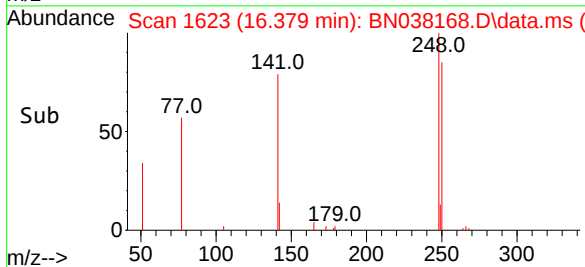
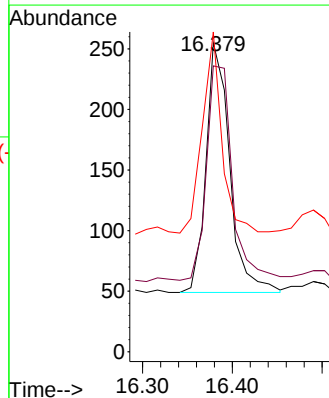
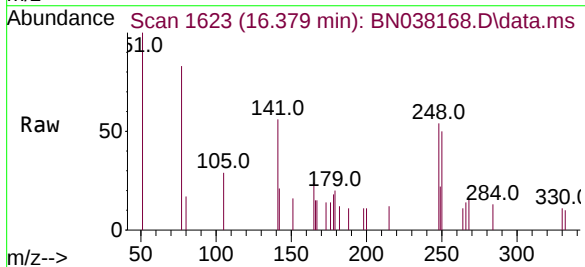
Tgt Ion:248 Resp: 378

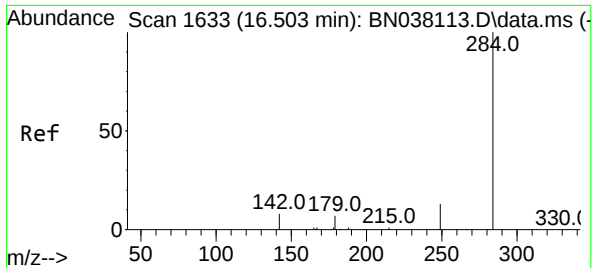
Ion Ratio Lower Upper

248 100

250 92.5 76.2 114.2

141 103.5 57.6 86.4#





#22

Hexachlorobenzene

Concen: 0.032 ng

RT: 16.503 min Scan# 1633

Delta R.T. -0.000 min

Lab File: BN038168.D

Acq: 08 Nov 2025 00:07

Instrument :

BNA_N

ClientSampleId :

EB-1

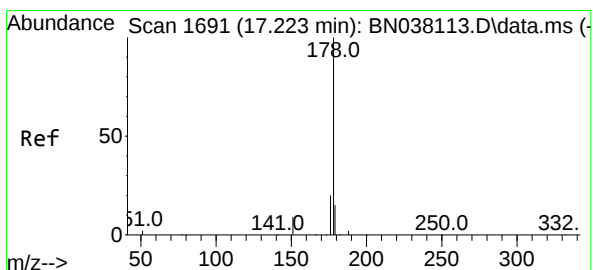
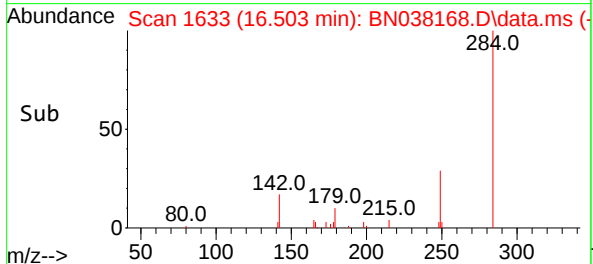
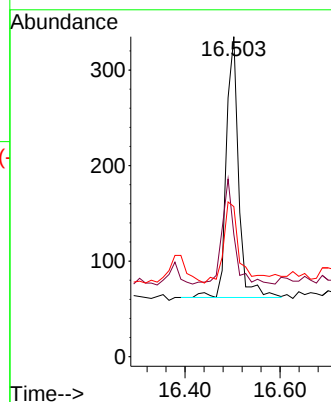
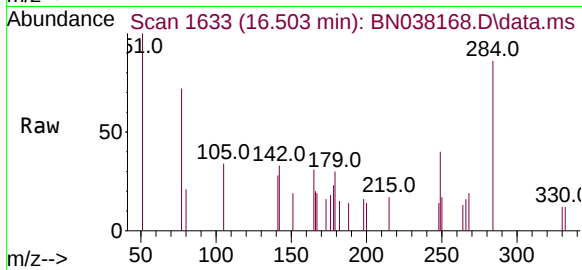
Tgt Ion:	284	Resp:	489
Ion Ratio	Lower	Upper	
284	100		
142	40.5	30.5	45.7
249	38.9	23.5	35.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/10/2025

Supervised By :Jagrut Upadhyay 11/10/2025



#25

Phenanthrene

Concen: 0.034 ng m

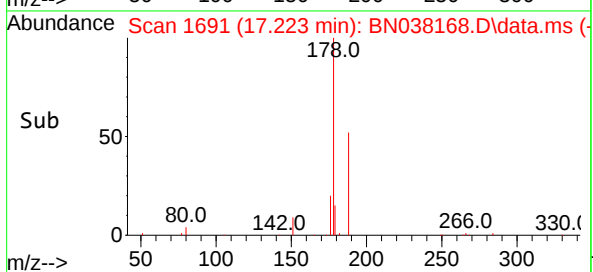
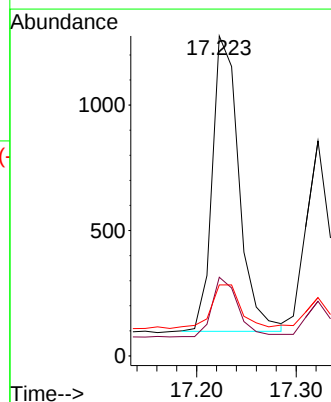
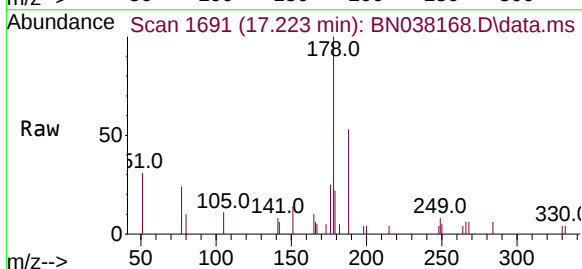
RT: 17.223 min Scan# 1691

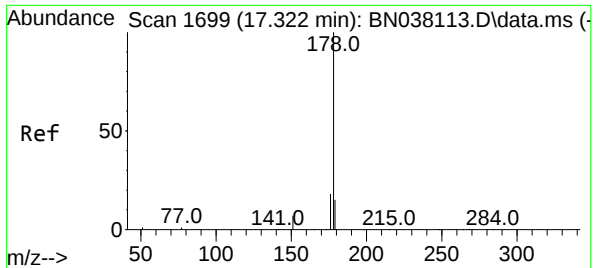
Delta R.T. -0.000 min

Lab File: BN038168.D

Acq: 08 Nov 2025 00:07

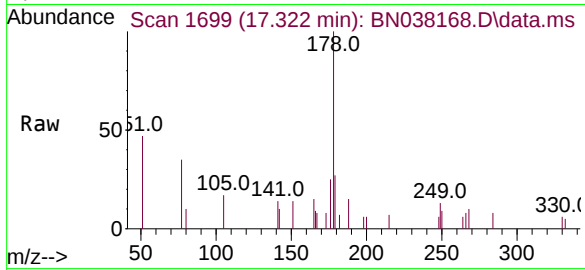
Tgt Ion:	178	Resp:	2200
Ion Ratio	Lower	Upper	
178	100		
176	9.8	15.5	23.3#
179	9.0	12.2	18.4#





#26
Anthracene
Concen: 0.024 ng
RT: 17.322 min Scan# 1699
Delta R.T. -0.000 min
Lab File: BN038168.D
Acq: 08 Nov 2025 00:07

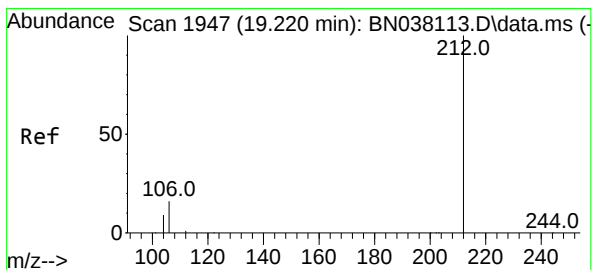
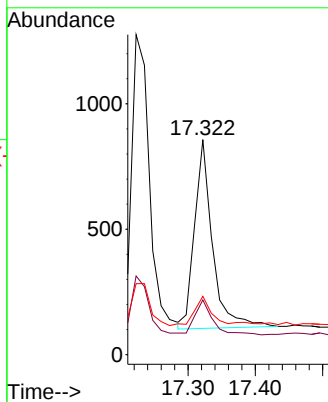
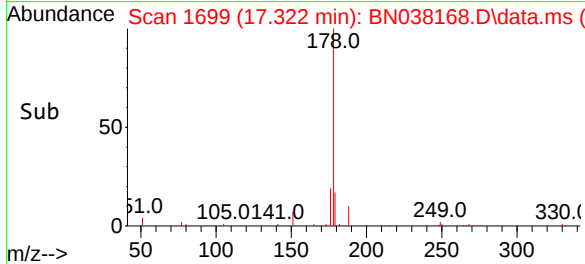
Instrument :
BNA_N
ClientSampleId :
EB-1



Tgt Ion:178 Resp: 1391
Ion Ratio Lower Upper
178 100
176 18.4 14.9 22.3
179 16.3 11.8 17.8

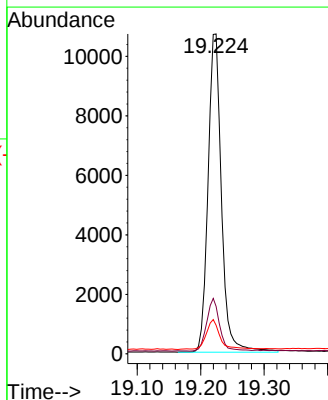
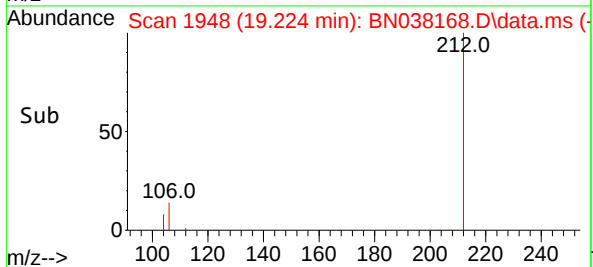
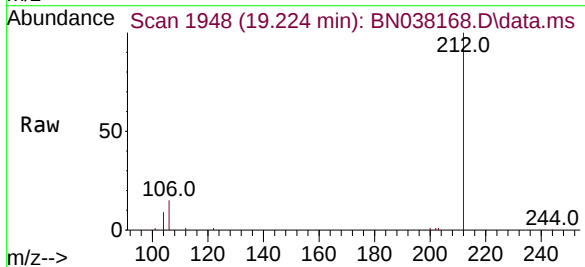
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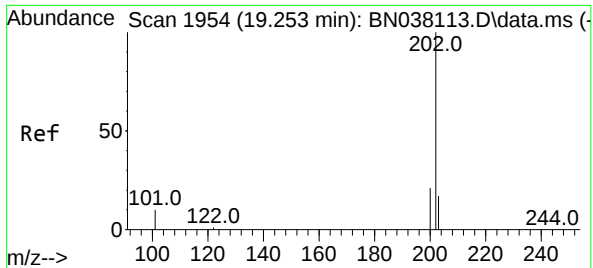
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#27
Fluoranthene-d10
Concen: 0.303 ng
RT: 19.224 min Scan# 1948
Delta R.T. 0.004 min
Lab File: BN038168.D
Acq: 08 Nov 2025 00:07

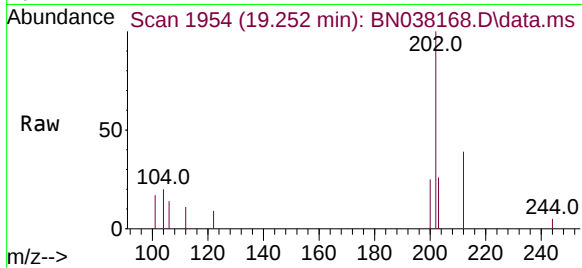
Tgt Ion:212 Resp: 15695
Ion Ratio Lower Upper
212 100
106 15.9 12.6 19.0
104 9.0 7.1 10.7





#28
Fluoranthene
Concen: 0.022 ng
RT: 19.252 min Scan# 1954
Delta R.T. -0.000 min
Lab File: BN038168.D
Acq: 08 Nov 2025 00:07

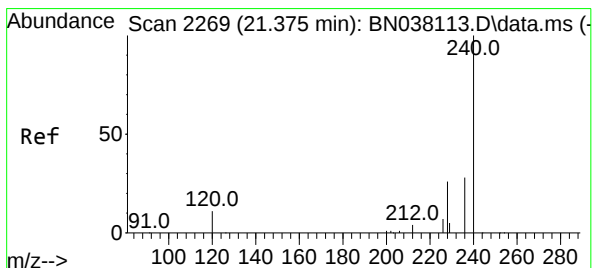
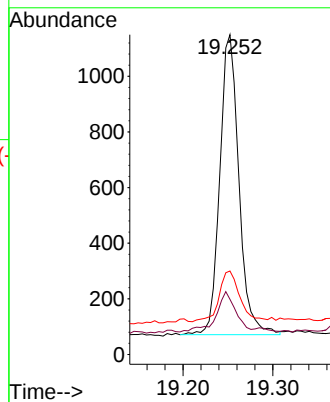
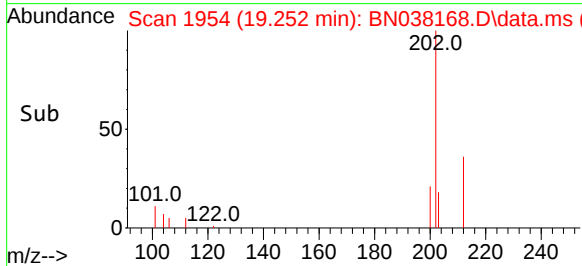
Instrument :
BNA_N
ClientSampleId :
EB-1



Tgt Ion:202 Resp: 1600
Ion Ratio Lower Upper
202 100
101 13.6 9.4 14.2
203 18.7 13.4 20.2

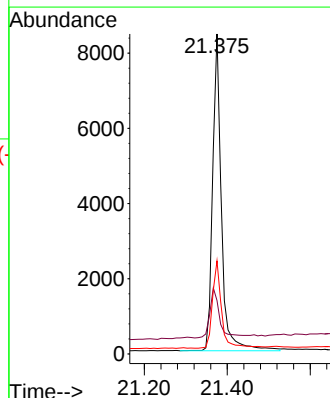
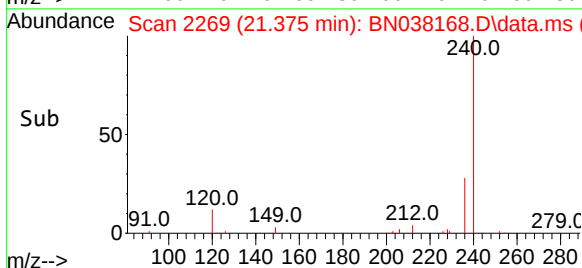
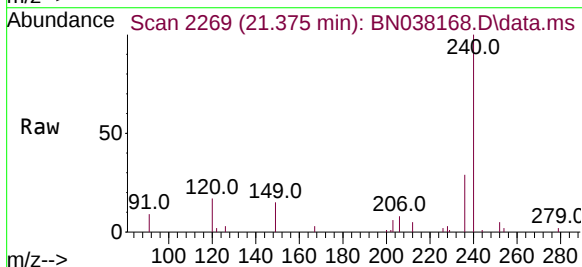
Manual Integrations
APPROVED

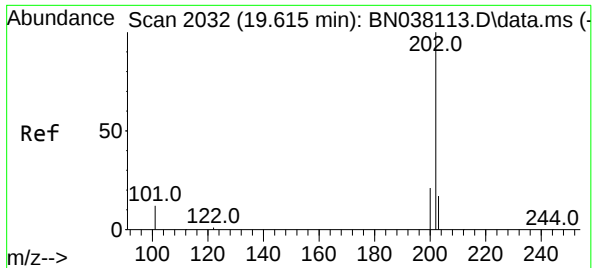
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.375 min Scan# 2269
Delta R.T. -0.000 min
Lab File: BN038168.D
Acq: 08 Nov 2025 00:07

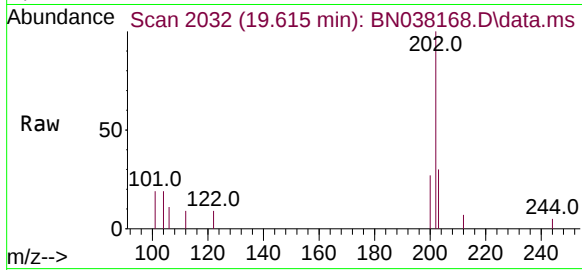
Tgt Ion:240 Resp: 12475
Ion Ratio Lower Upper
240 100
120 16.7 10.7 16.1#
236 29.1 23.1 34.7





#30
Pyrene
Concen: 0.026 ng
RT: 19.615 min Scan# 2032
Delta R.T. 0.004 min
Lab File: BN038168.D
Acq: 08 Nov 2025 00:07

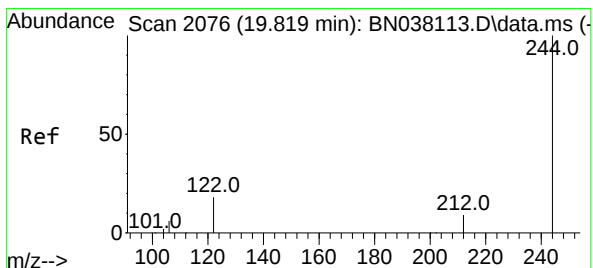
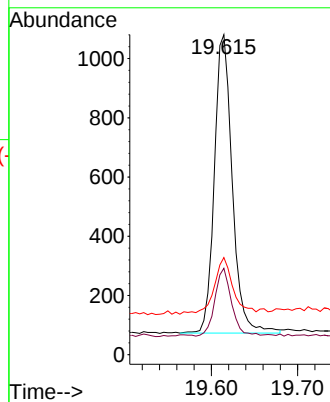
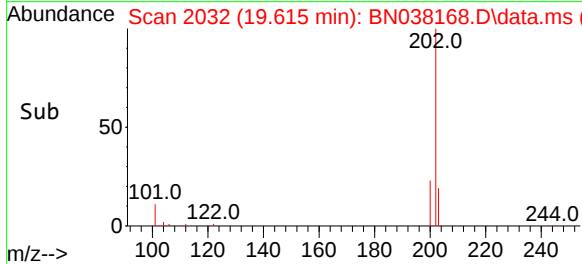
Instrument :
BNA_N
ClientSampleId :
EB-1



Tgt Ion:202 Resp: 145
Ion Ratio Lower Upper
202 100
200 21.1 16.7 25.1
203 20.3 14.2 21.2

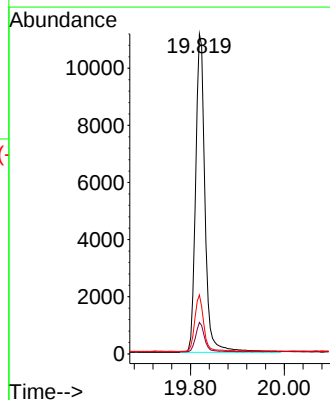
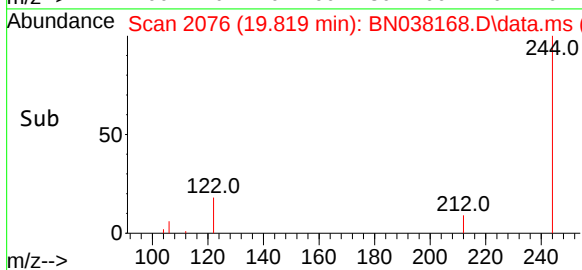
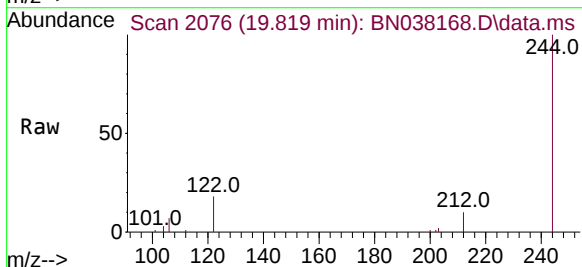
Manual Integrations
APPROVED

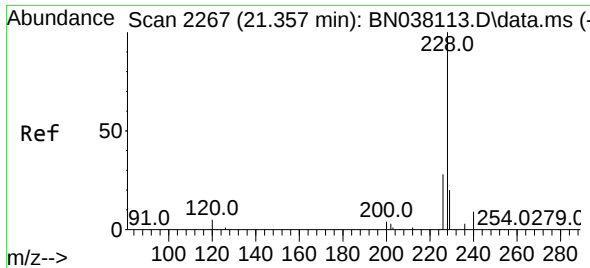
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#31
Terphenyl-d14
Concen: 0.570 ng
RT: 19.819 min Scan# 2076
Delta R.T. -0.000 min
Lab File: BN038168.D
Acq: 08 Nov 2025 00:07

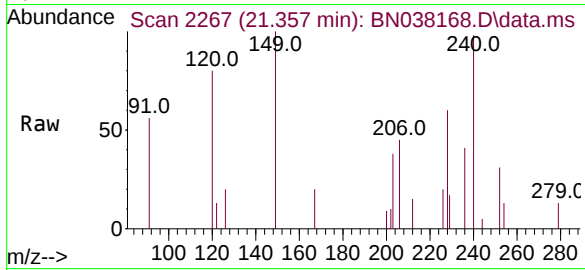
Tgt Ion:244 Resp: 15454
Ion Ratio Lower Upper
244 100
212 9.8 7.8 11.6
122 18.4 15.2 22.8





#32
Benzo(a)anthracene
Concen: 0.024 ng
RT: 21.357 min Scan# 2267
Delta R.T. -0.000 min
Lab File: BN038168.D
Acq: 08 Nov 2025 00:07

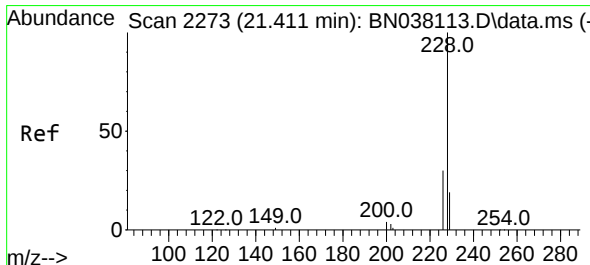
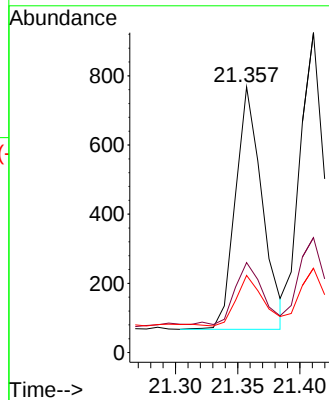
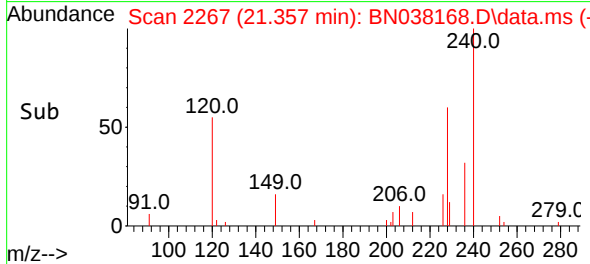
Instrument :
BNA_N
ClientSampleId :
EB-1



Tgt Ion:228 Resp: 1048
Ion Ratio Lower Upper
228 100
226 33.9 22.2 33.4
229 29.0 15.8 23.8

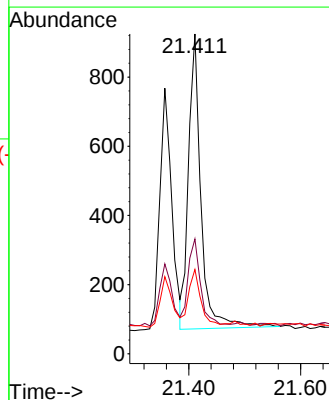
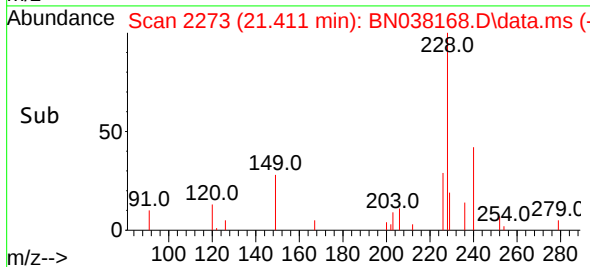
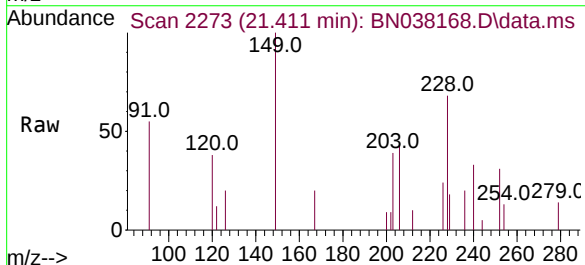
Manual Integrations
APPROVED

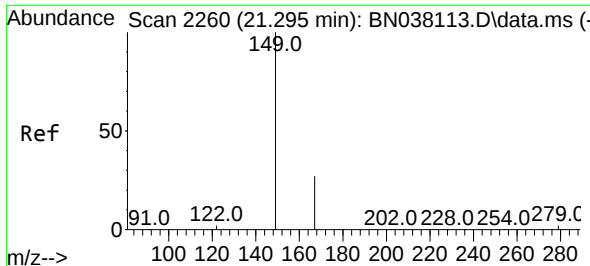
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#33
Chrysene
Concen: 0.027 ng
RT: 21.411 min Scan# 2273
Delta R.T. -0.000 min
Lab File: BN038168.D
Acq: 08 Nov 2025 00:07

Tgt Ion:228 Resp: 1315
Ion Ratio Lower Upper
228 100
226 35.9 24.3 36.5
229 26.4 15.7 23.5





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.145 ng

RT: 21.294 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN038168.D

Acq: 08 Nov 2025 00:07

Instrument :

BNA_N

ClientSampleId :

EB-1

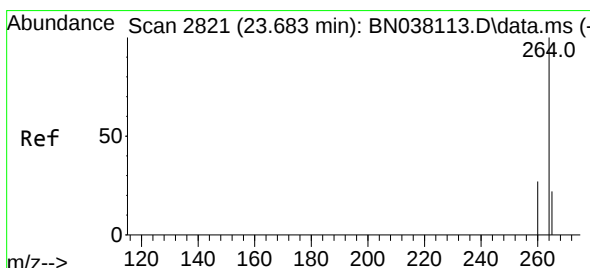
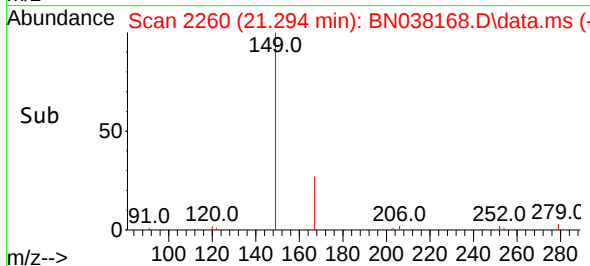
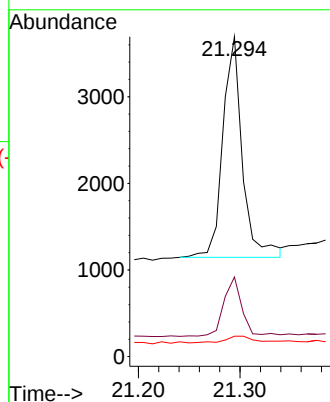
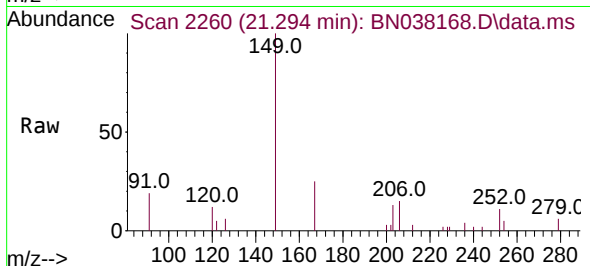
Tgt Ion:	149	Resp:	3395
Ion	Ratio	Lower	Upper
149	100		
167	24.6	21.1	31.7
279	4.5	2.9	4.3

Manual Integrations

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Reviewed By :Rahul Chavli 11/10/2025

Supervised By :Jagrut Upadhyay 11/10/2025



#35

Perylene-d12

Concen: 0.400 ng

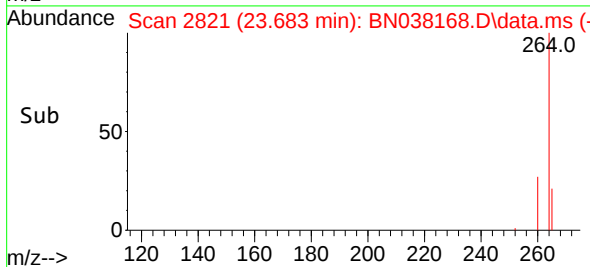
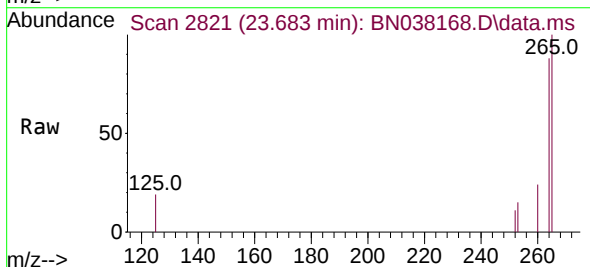
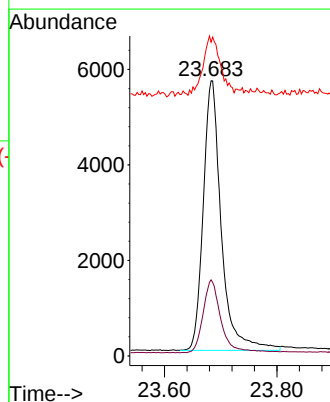
RT: 23.683 min Scan# 2821

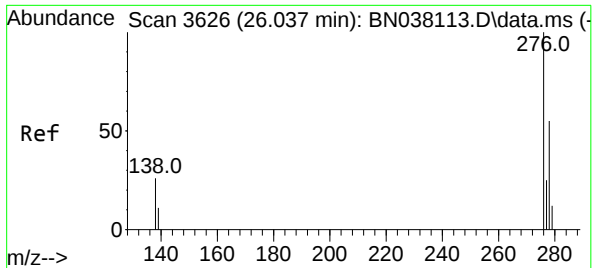
Delta R.T. 0.003 min

Lab File: BN038168.D

Acq: 08 Nov 2025 00:07

Tgt Ion:	264	Resp:	12586
Ion	Ratio	Lower	Upper
264	100		
260	27.7	21.8	32.8
265	114.0	68.6	102.8





#36

Indeno(1,2,3-cd)pyrene

Concen: 0.031 ng

RT: 26.042 min Scan# 3626

Delta R.T. 0.008 min

Lab File: BN038168.D

Acq: 08 Nov 2025 00:07

Instrument :

BNA_N

ClientSampleId :

EB-1

Tgt Ion:276 Resp: 162

Ion Ratio Lower Upper

276 100

138 9.3 21.4 32.0

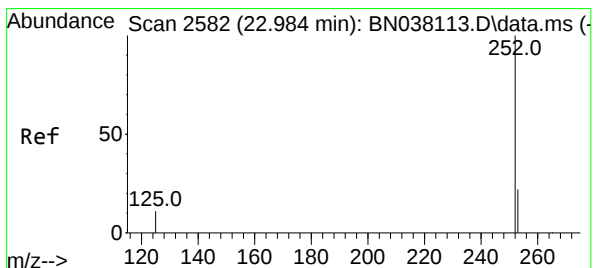
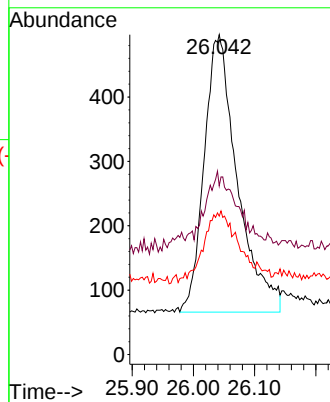
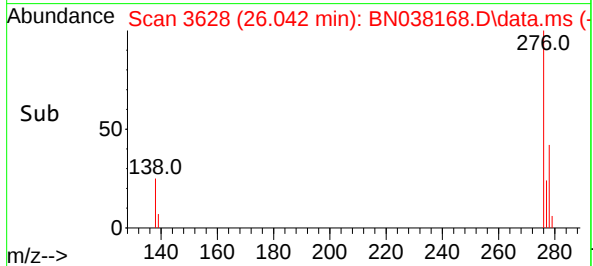
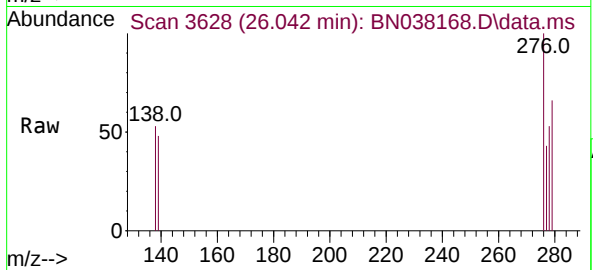
277 26.1 19.2 28.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/10/2025

Supervised By :Jagrut Upadhyay 11/10/2025



#37

Benzo(b)fluoranthene

Concen: 0.026 ng

RT: 22.987 min Scan# 2583

Delta R.T. 0.006 min

Lab File: BN038168.D

Acq: 08 Nov 2025 00:07

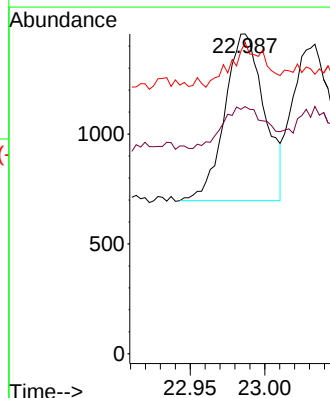
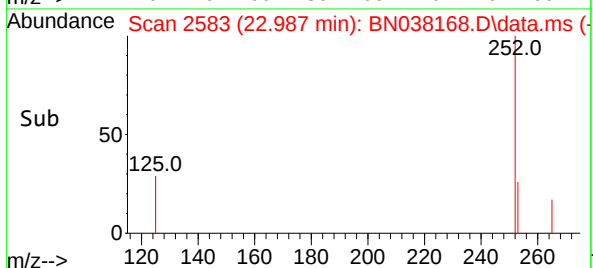
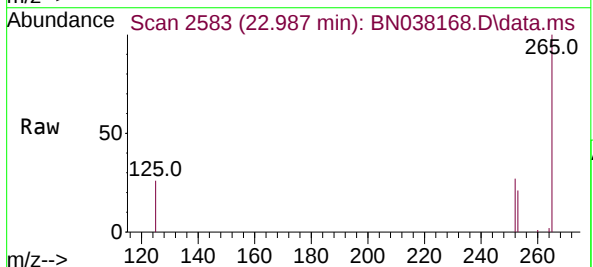
Tgt Ion:252 Resp: 1407

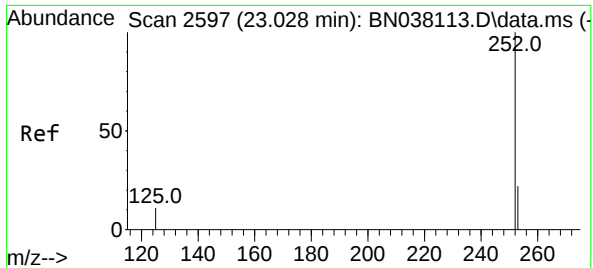
Ion Ratio Lower Upper

252 100

253 77.3 20.9 31.3#

125 97.3 14.1 21.1#





#38

Benzo(k)fluoranthene

Concen: 0.024 ng

RT: 23.034 min Scan# 21

Delta R.T. 0.006 min

Lab File: BN038168.D

Acq: 08 Nov 2025 00:07

Instrument :

BNA_N

ClientSampleId :

EB-1

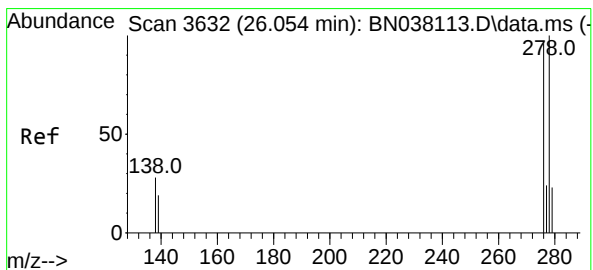
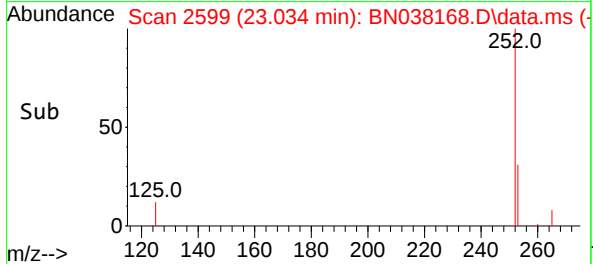
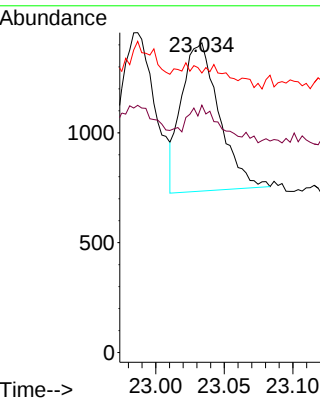
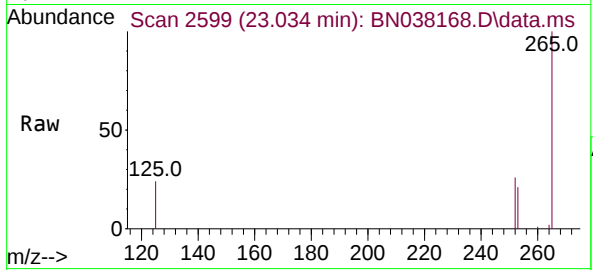
Tgt Ion	Ratio	Lower	Upper
252	100		
253	79.9	21.2	31.8
125	90.3	14.6	22.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/10/2025

Supervised By :Jagrut Upadhyay 11/10/2025



#40

Dibenzo(a,h)anthracene

Concen: 0.026 ng

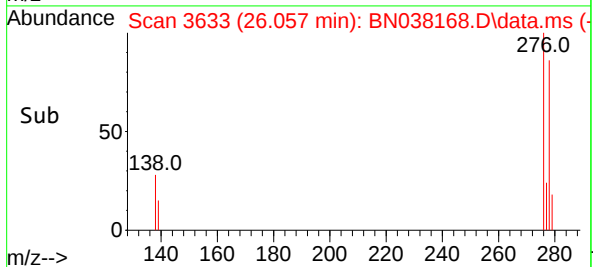
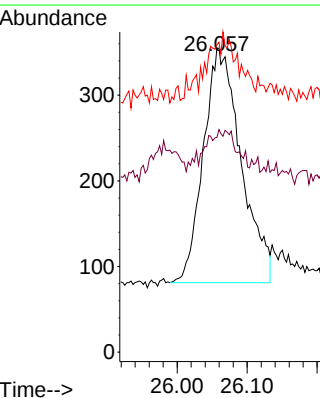
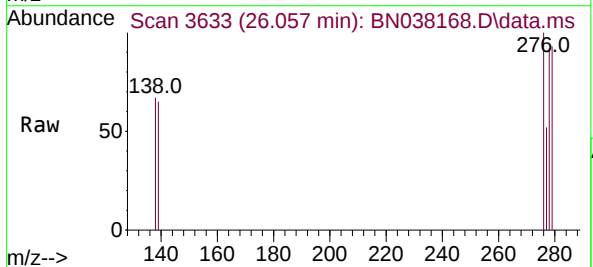
RT: 26.057 min Scan# 3633

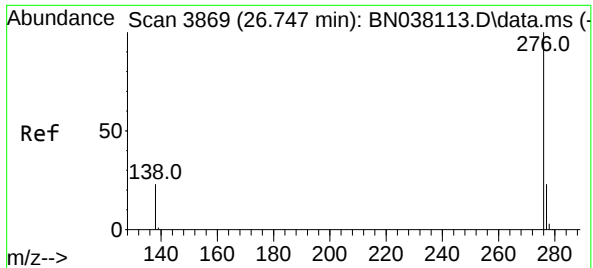
Delta R.T. 0.008 min

Lab File: BN038168.D

Acq: 08 Nov 2025 00:07

Tgt Ion	Ratio	Lower	Upper
278	100		
139	70.7	17.6	26.4
279	101.1	22.6	33.8





#41

Benzo(g,h,i)perylene

Concen: 0.029 ng

RT: 26.758 min Scan# 3869

Delta R.T. 0.008 min

Lab File: BN038168.D

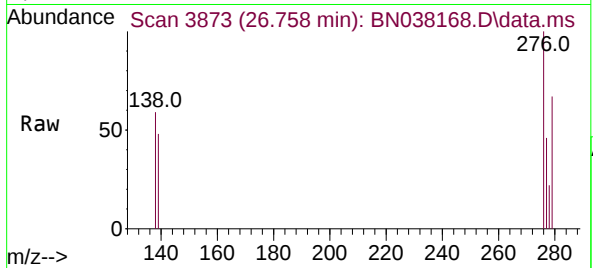
Acq: 08 Nov 2025 00:07

Instrument :

BNA_N

ClientSampleId :

EB-1



Tgt Ion:276 Resp: 1300

Ion Ratio Lower Upper

276 100

277 46.4 19.7 29.5

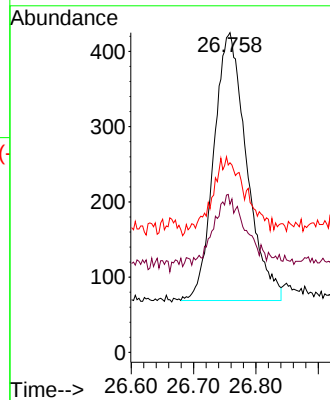
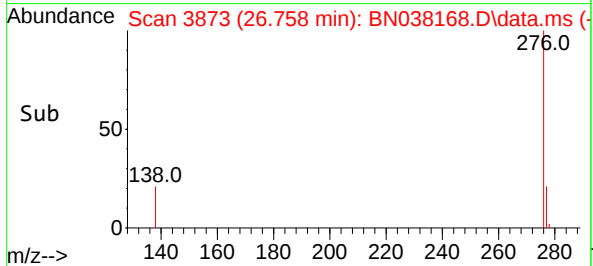
138 59.3 20.2 30.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/10/2025

Supervised By :Jagrut Upadhyay 11/10/2025



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111025\
Data File : BN038175.D
Acq On : 10 Nov 2025 10:50
Operator : RC/JU
Sample : PB170427BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB170427BL

A
B
C
D
E
F
G
H
I
J
K

Quant Time: Nov 10 11:14:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	8905	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	26771	0.400	ng	# 0.00
13) Acenaphthene-d10	14.430	164	15040	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	27324	0.400	ng	0.00
29) Chrysene-d12	21.375	240	18808	0.400	ng	0.00
35) Perylene-d12	23.686	264	16112	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	8333	0.397	ng	0.00
5) Phenol-d6	6.937	99	9450	0.370	ng	0.00
8) Nitrobenzene-d5	8.929	82	8230	0.381	ng	0.00
11) 2-Methylnaphthalene-d10	12.172	152	14109	0.369	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	1600	0.258	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	23653	0.393	ng	0.00
27) Fluoranthene-d10	19.220	212	24982	0.363	ng	0.00
31) Terphenyl-d14	19.819	244	21057	0.515	ng	0.00

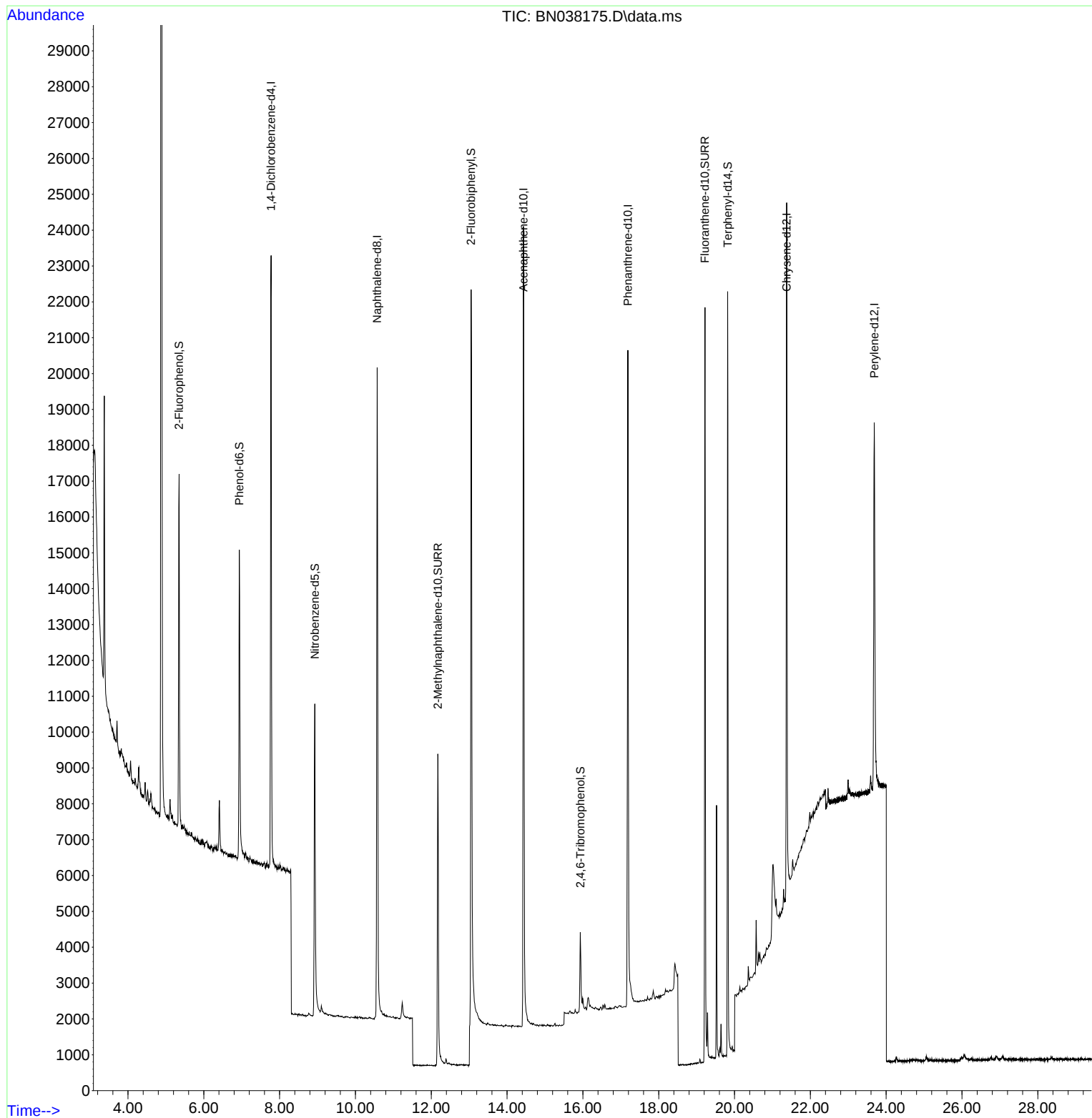
Target Compounds	Qvalue

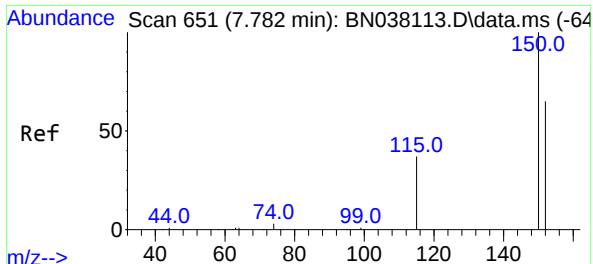
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111025\
Data File : BN038175.D
Acq On : 10 Nov 2025 10:50
Operator : RC/JU
Sample : PB170427BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB170427BL

Quant Time: Nov 10 11:14:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration

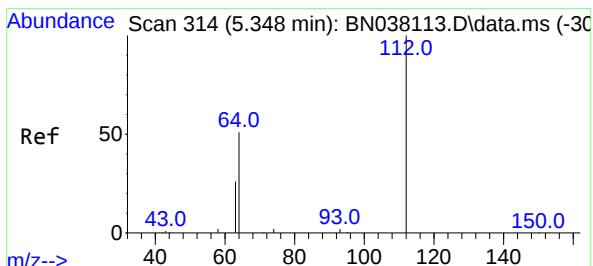
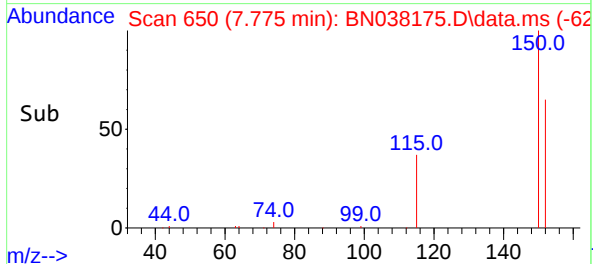
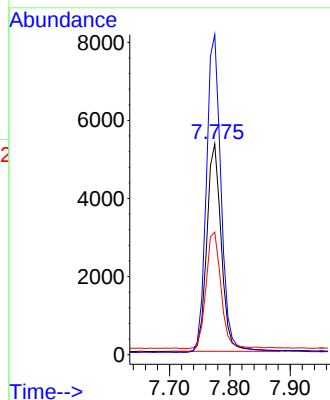
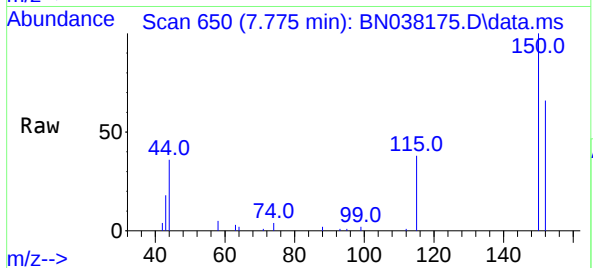




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.775 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN038175.D
Acq: 10 Nov 2025 10:50

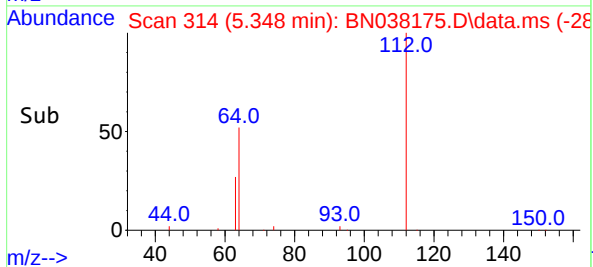
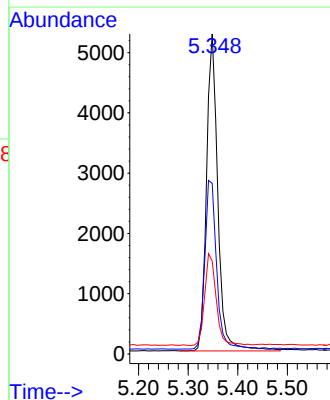
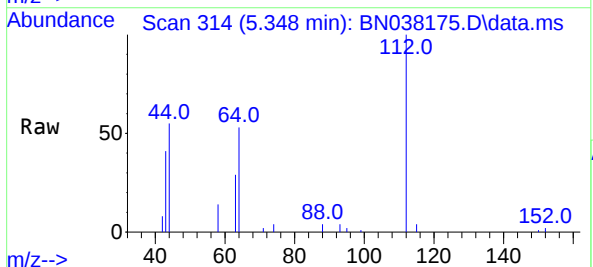
Instrument :
BNA_N
ClientSampleId :
PB170427BL

Tgt Ion:152 Resp: 8905
Ion Ratio Lower Upper
152 100
150 151.7 122.3 183.5
115 58.1 47.4 71.0

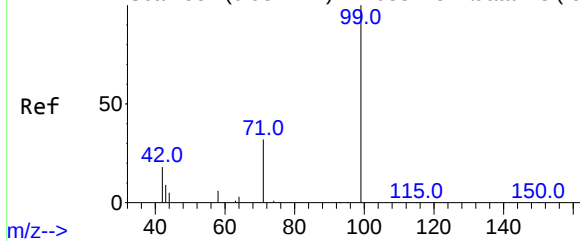


#4
2-Fluorophenol
Concen: 0.397 ng
RT: 5.348 min Scan# 314
Delta R.T. 0.000 min
Lab File: BN038175.D
Acq: 10 Nov 2025 10:50

Tgt Ion:112 Resp: 8333
Ion Ratio Lower Upper
112 100
64 56.2 45.4 68.0
63 29.7 23.2 34.8



Abundance Scan 534 (6.937 min): BN038113.D\data.ms (-52



#5

Phenol-d6

Concen: 0.370 ng

RT: 6.937 min Scan# 51

Delta R.T. 0.000 min

Lab File: BN038175.D

Acq: 10 Nov 2025 10:50

Instrument :

BNA_N

ClientSampleId :

PB170427BL

Tgt Ion: 99 Resp: 9450

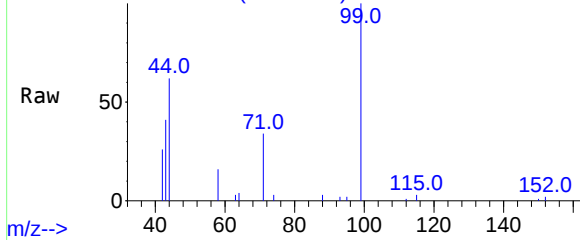
Ion Ratio Lower Upper

99 100

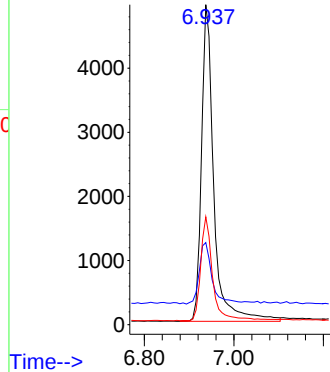
42 20.2 16.6 24.8

71 31.8 25.4 38.2

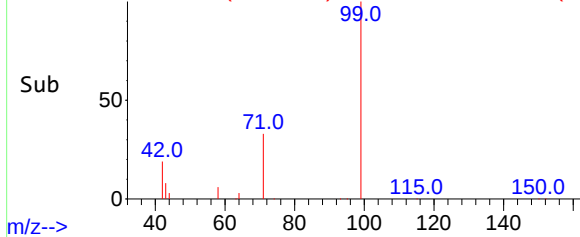
Abundance Scan 534 (6.937 min): BN038175.D\data.ms



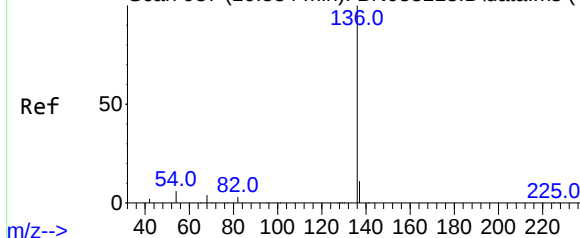
Abundance



Abundance Scan 534 (6.937 min): BN038175.D\data.ms (-50



Abundance Scan 937 (10.584 min): BN038113.D\data.ms (-9



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.573 min Scan# 936

Delta R.T. 0.000 min

Lab File: BN038175.D

Acq: 10 Nov 2025 10:50

Tgt Ion: 136 Resp: 26771

Ion Ratio Lower Upper

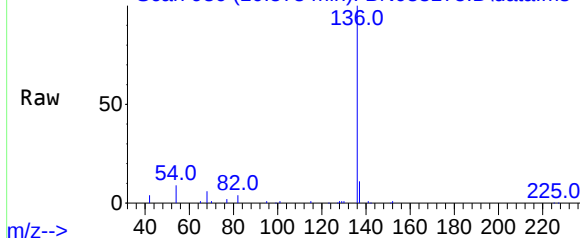
136 100

137 11.3 9.0 13.4

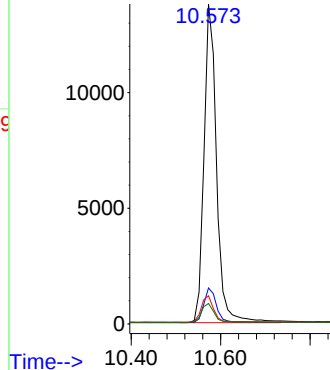
54 8.8 5.2 7.8#

68 6.4 4.1 6.1#

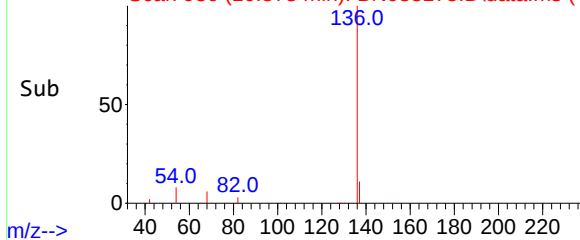
Abundance Scan 936 (10.573 min): BN038175.D\data.ms

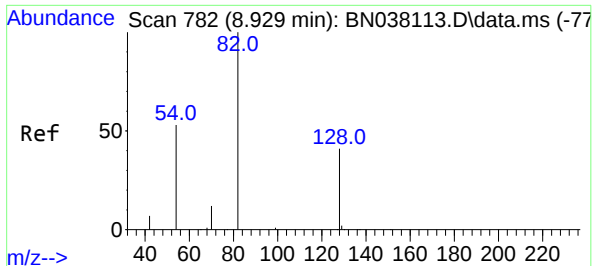


Abundance



Abundance Scan 936 (10.573 min): BN038175.D\data.ms (-9

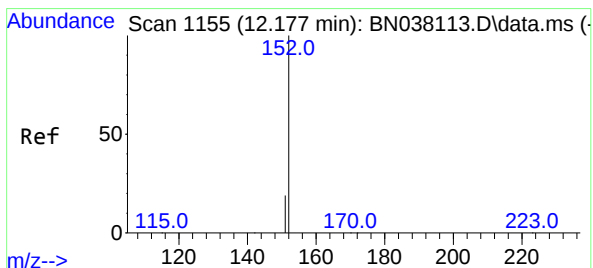
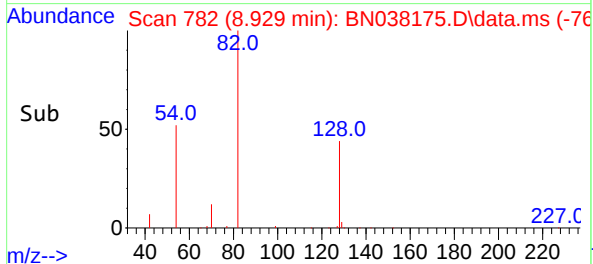
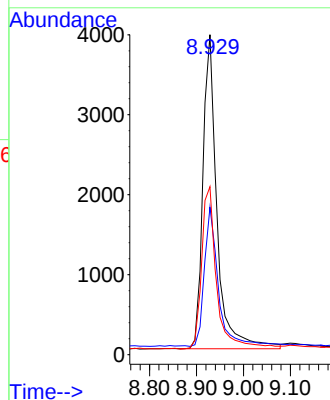
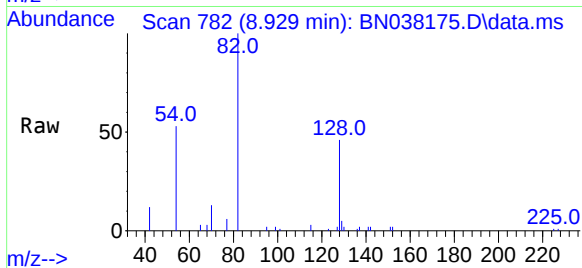




#8
Nitrobenzene-d5
Concen: 0.381 ng
RT: 8.929 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN038175.D
Acq: 10 Nov 2025 10:50

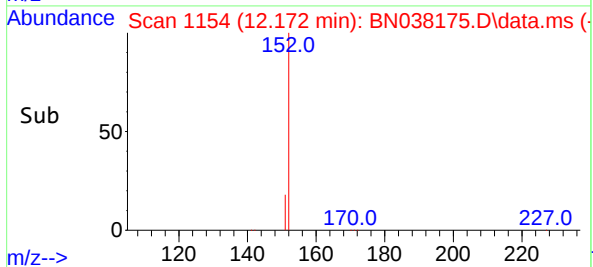
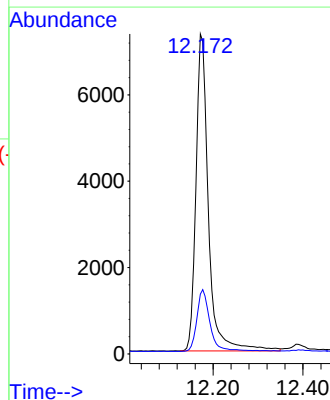
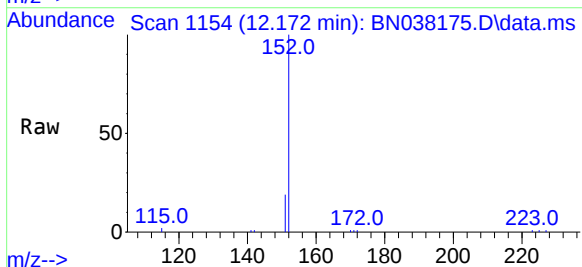
Instrument :
BNA_N
ClientSampleId :
PB170427BL

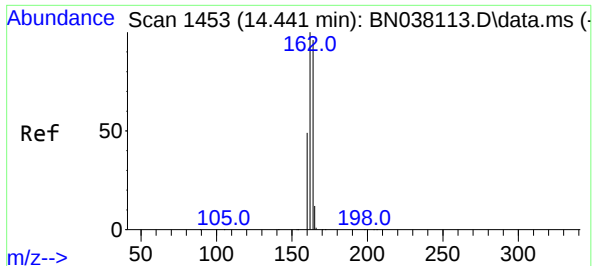
Tgt Ion:	82	Resp:	8230
Ion	Ratio	Lower	Upper
82	100		
128	46.1	34.1	51.1
54	52.5	43.5	65.3



#11
2-Methylnaphthalene-d10
Concen: 0.369 ng
RT: 12.172 min Scan# 1154
Delta R.T. -0.005 min
Lab File: BN038175.D
Acq: 10 Nov 2025 10:50

Tgt Ion:	152	Resp:	14109
Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.8	25.2

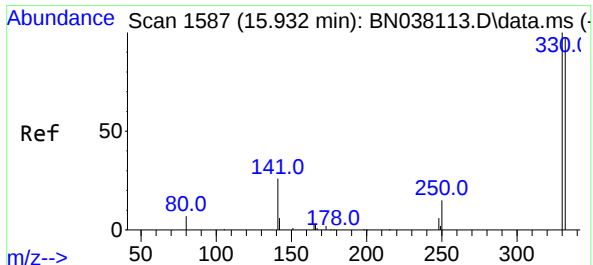
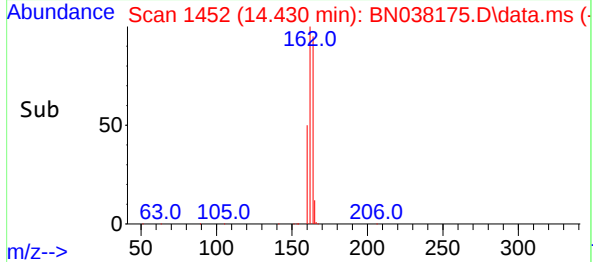
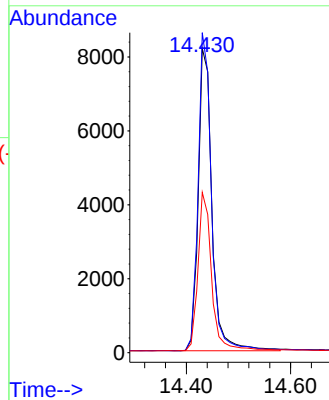
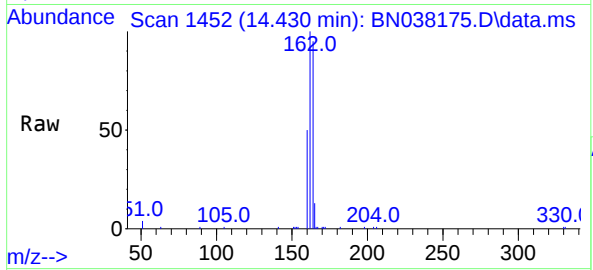




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 1453
Delta R.T. 0.000 min
Lab File: BN038175.D
Acq: 10 Nov 2025 10:50

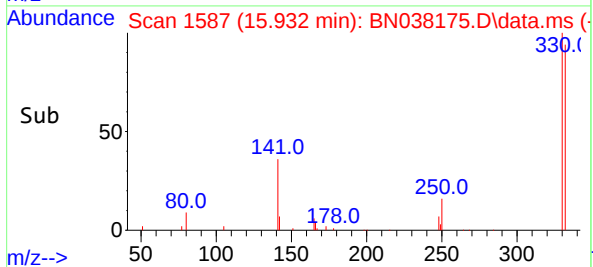
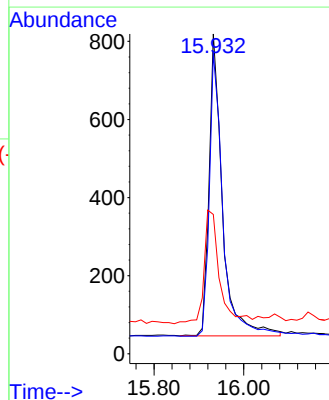
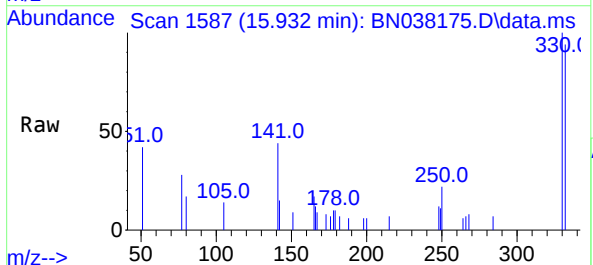
Instrument :
BNA_N
ClientSampleId :
PB170427BL

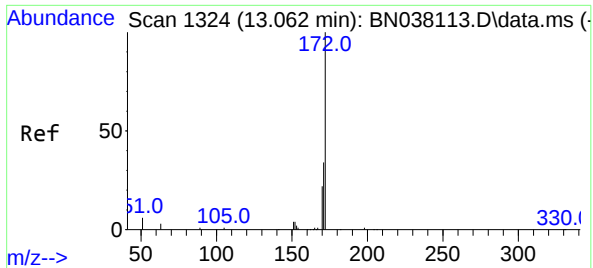
Tgt Ion:164 Resp: 15040
Ion Ratio Lower Upper
164 100
162 105.2 83.0 124.4
160 52.7 40.7 61.1



#14
2,4,6-Tribromophenol
Concen: 0.258 ng
RT: 15.932 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BN038175.D
Acq: 10 Nov 2025 10:50

Tgt Ion:330 Resp: 1600
Ion Ratio Lower Upper
330 100
332 94.9 76.6 114.8
141 43.7 34.1 51.1

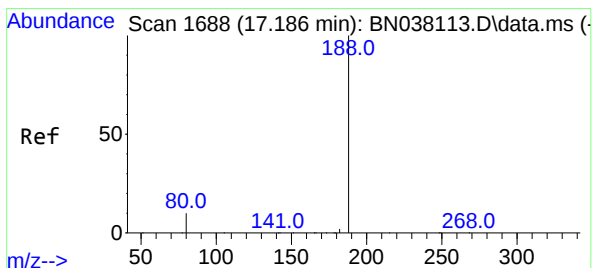
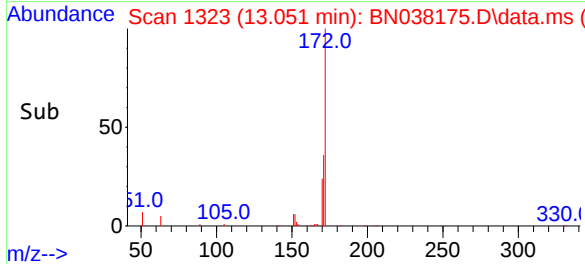
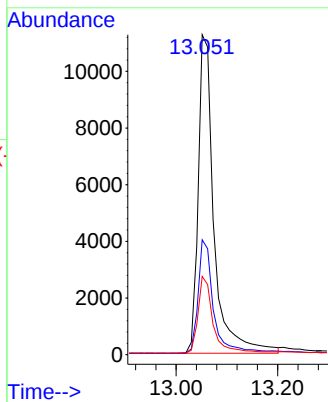
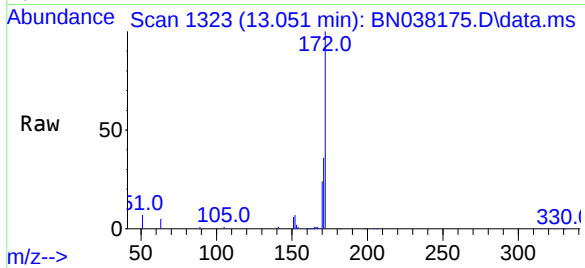




#15
2-Fluorobiphenyl
Concen: 0.393 ng
RT: 13.051 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BN038175.D
Acq: 10 Nov 2025 10:50

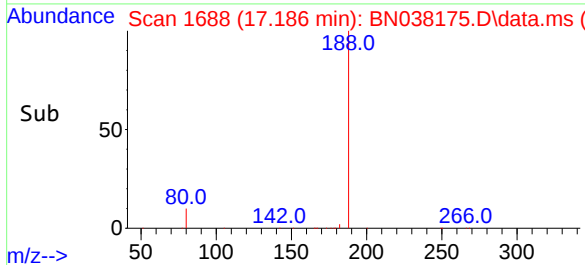
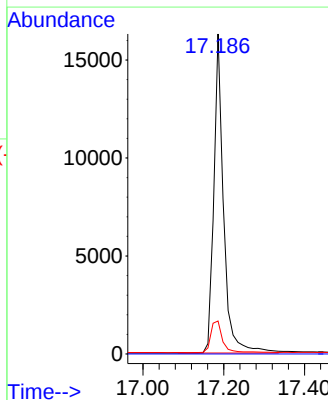
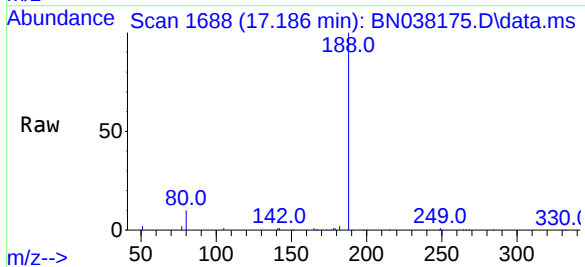
Instrument :
BNA_N
ClientSampleId :
PB170427BL

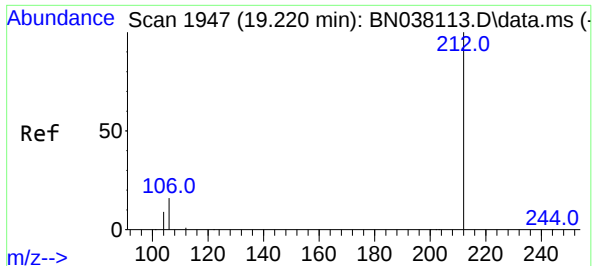
Tgt Ion:	172	Resp:	23653
Ion	Ratio	Lower	Upper
172	100		
171	35.9	27.8	41.6
170	24.4	18.1	27.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1688
Delta R.T. 0.000 min
Lab File: BN038175.D
Acq: 10 Nov 2025 10:50

Tgt Ion:	188	Resp:	27324
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.3	8.6	13.0

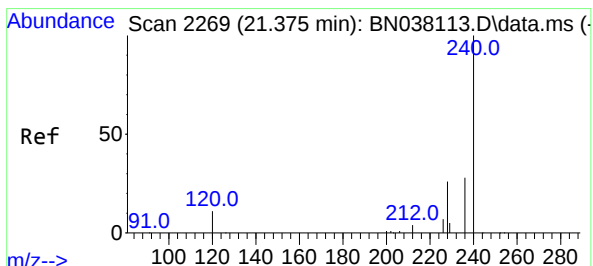
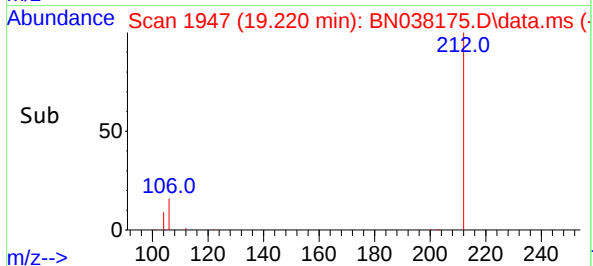
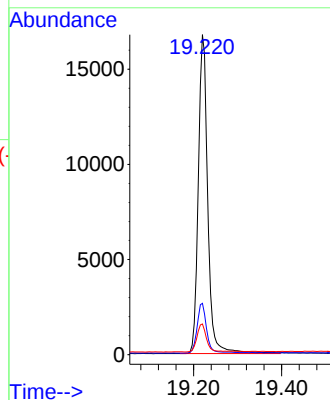
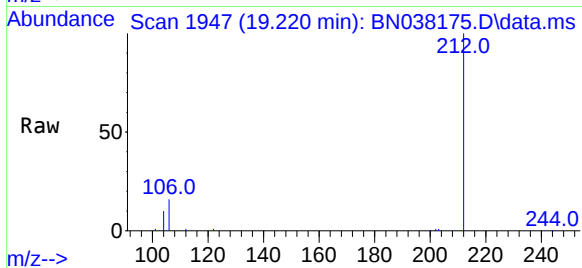




#27
Fluoranthene-d10
Concen: 0.363 ng
RT: 19.220 min Scan# 1947
Delta R.T. 0.000 min
Lab File: BN038175.D
Acq: 10 Nov 2025 10:50

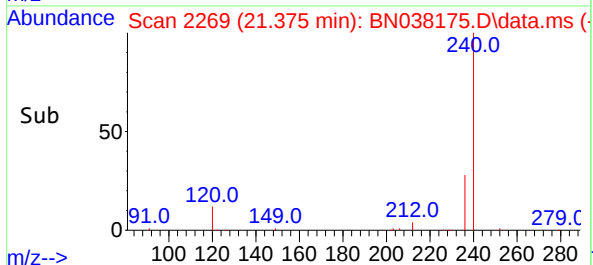
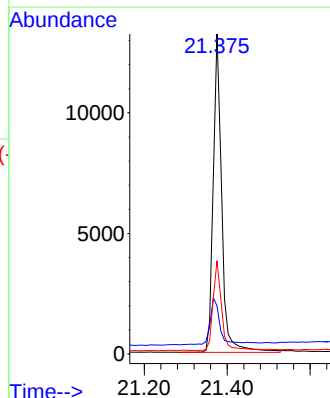
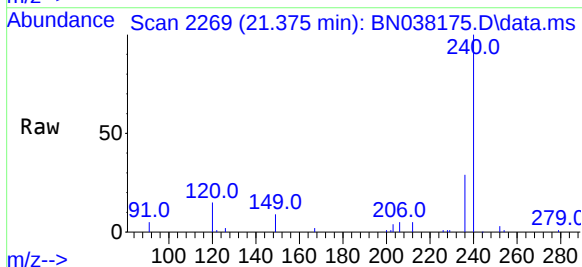
Instrument :
BNA_N
ClientSampleId :
PB170427BL

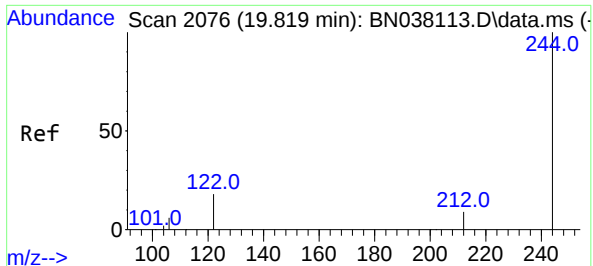
Tgt Ion:212 Resp: 24982
Ion Ratio Lower Upper
212 100
106 15.9 12.6 19.0
104 8.9 7.1 10.7



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.375 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BN038175.D
Acq: 10 Nov 2025 10:50

Tgt Ion:240 Resp: 18808
Ion Ratio Lower Upper
240 100
120 15.0 10.7 16.1
236 29.2 23.1 34.7

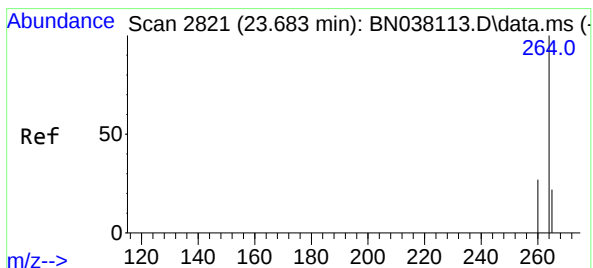
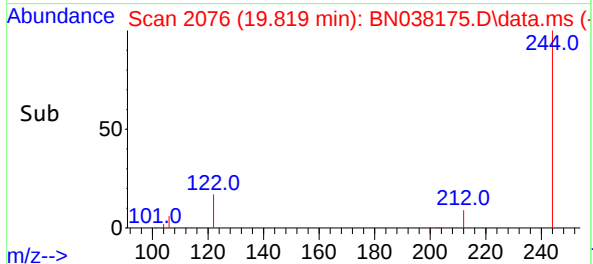
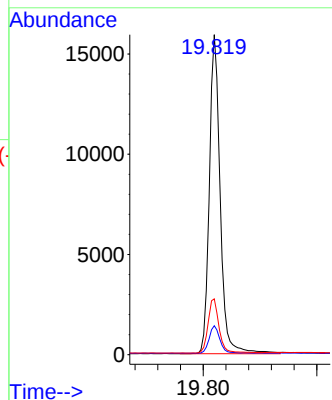
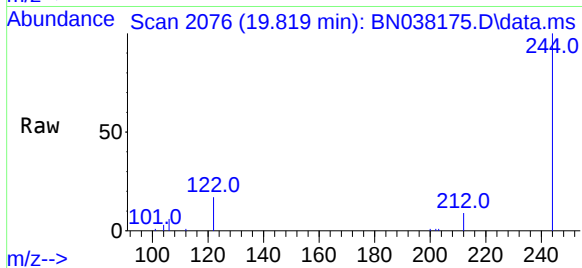




#31
Terphenyl-d14
Concen: 0.515 ng
RT: 19.819 min Scan# 2076
Delta R.T. 0.000 min
Lab File: BN038175.D
Acq: 10 Nov 2025 10:50

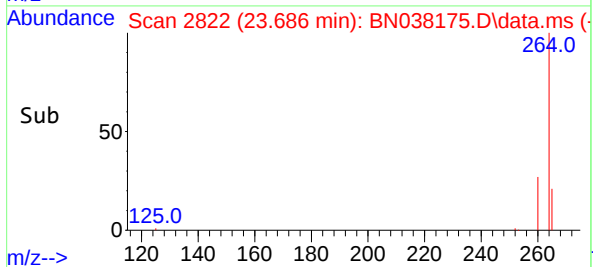
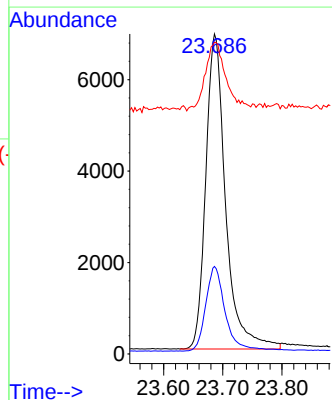
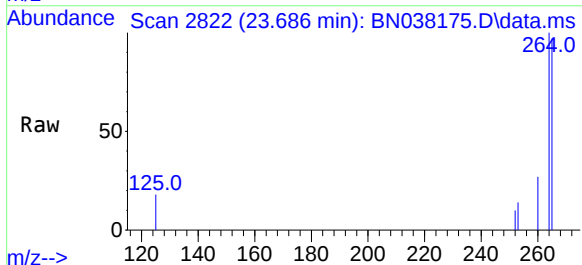
Instrument :
BNA_N
ClientSampleId :
PB170427BL

Tgt Ion:244 Resp: 21057
Ion Ratio Lower Upper
244 100
212 9.1 7.8 11.6
122 17.5 15.2 22.8



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.686 min Scan# 2822
Delta R.T. 0.006 min
Lab File: BN038175.D
Acq: 10 Nov 2025 10:50

Tgt Ion:264 Resp: 16112
Ion Ratio Lower Upper
264 100
260 27.4 21.8 32.8
265 97.4 68.6 102.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110725\
 Data File : BN038152.D
 Acq On : 07 Nov 2025 13:44
 Operator : RC/JU
 Sample : PB170427BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB170427BS

Quant Time: Nov 07 14:08:10 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 29 13:09:46 2025
 Response via : Initial Calibration

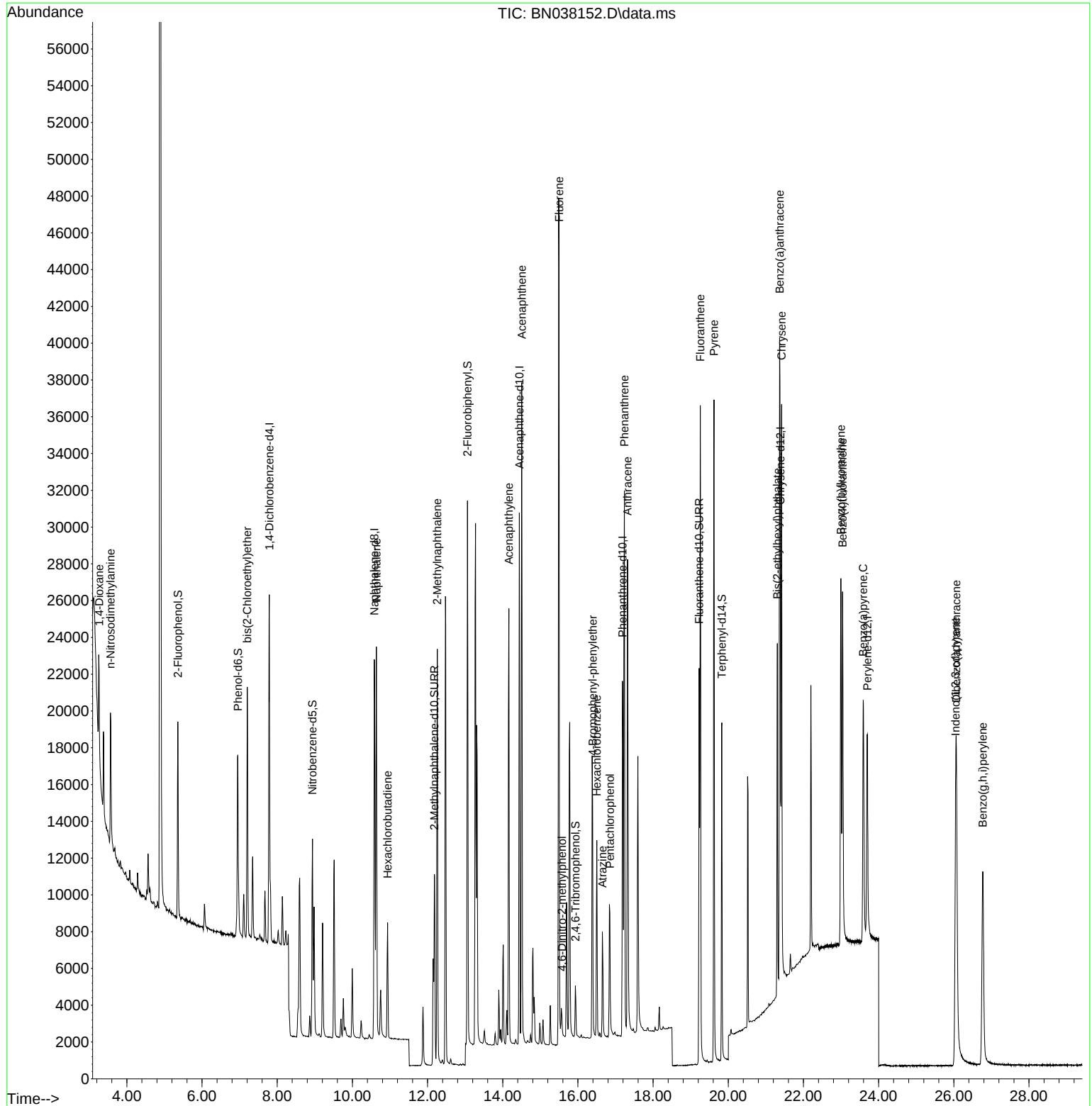
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.789	152	9551	0.400	ng	0.01
7) Naphthalene-d8	10.584	136	28713	0.400	ng	# 0.01
13) Acenaphthene-d10	14.441	164	15548	0.400	ng	0.01
19) Phenanthrene-d10	17.186	188	28280	0.400	ng	# 0.00
29) Chrysene-d12	21.384	240	19896	0.400	ng	0.00
35) Perylene-d12	23.698	264	16901	0.400	ng	0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.355	112	8583	0.381	ng	0.00
5) Phenol-d6	6.952	99	9985	0.364	ng	0.01
8) Nitrobenzene-d5	8.939	82	8637	0.373	ng	0.01
11) 2-Methylnaphthalene-d10	12.182	152	14534	0.354	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	1681	0.262	ng	0.00
15) 2-Fluorobiphenyl	13.062	172	24663	0.396	ng	0.01
27) Fluoranthene-d10	19.225	212	23866	0.335	ng	0.00
31) Terphenyl-d14	19.829	244	18959	0.439	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.261	88	3113	0.315	ng	# 48
3) n-Nitrosodimethylamine	3.564	42	4808	0.379	ng	# 91
6) bis(2-Chloroethyl)ether	7.204	93	9905	0.368	ng	98
9) Naphthalene	10.637	128	27757	0.351	ng	99
10) Hexachlorobutadiene	10.936	225	4945	0.371	ng	# 98
12) 2-Methylnaphthalene	12.258	142	16694	0.317	ng	98
16) Acenaphthylene	14.163	152	27068	0.384	ng	99
17) Acenaphthene	14.505	154	16914	0.343	ng	99
18) Fluorene	15.499	166	22013	0.341	ng	99
20) 4,6-Dinitro-2-methylph...	15.572	198	1071	0.382	ng	# 76
21) 4-Bromophenyl-phenylether	16.391	248	6817	0.368	ng	# 80
22) Hexachlorobenzene	16.503	284	8050	0.382	ng	99
23) Atrazine	16.652	200	4722	0.348	ng	96
24) Pentachlorophenol	16.851	266	4254	0.468	ng	98
25) Phenanthrene	17.235	178	32744	0.365	ng	99
26) Anthracene	17.322	178	29076	0.370	ng	99
28) Fluoranthene	19.257	202	33640	0.335	ng	99
30) Pyrene	19.619	202	33342	0.371	ng	100
32) Benzo(a)anthracene	21.366	228	26226	0.369	ng	99
33) Chrysene	21.420	228	29053	0.377	ng	99
34) Bis(2-ethylhexyl)phtha...	21.304	149	12508	0.335	ng	99
36) Indeno(1,2,3-cd)pyrene	26.048	276	27599	0.397	ng	98
37) Benzo(b)fluoranthene	22.996	252	25492	0.353	ng	100
38) Benzo(k)fluoranthene	23.040	252	27198	0.374	ng	99
39) Benzo(a)pyrene	23.589	252	22526	0.389	ng	98
40) Dibenzo(a,h)anthracene	26.069	278	21440	0.401	ng	97
41) Benzo(g,h,i)perylene	26.770	276	23733	0.389	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110725\
Data File : BN038152.D
Acq On : 07 Nov 2025 13:44
Operator : RC/JU
Sample : PB170427BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB170427BS

Quant Time: Nov 07 14:08:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration



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Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110725\
 Data File : BN038153.D
 Acq On : 07 Nov 2025 14:20
 Operator : RC/JU
 Sample : PB170427BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB170427BSD

Quant Time: Nov 07 14:43:59 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 29 13:09:46 2025
 Response via : Initial Calibration

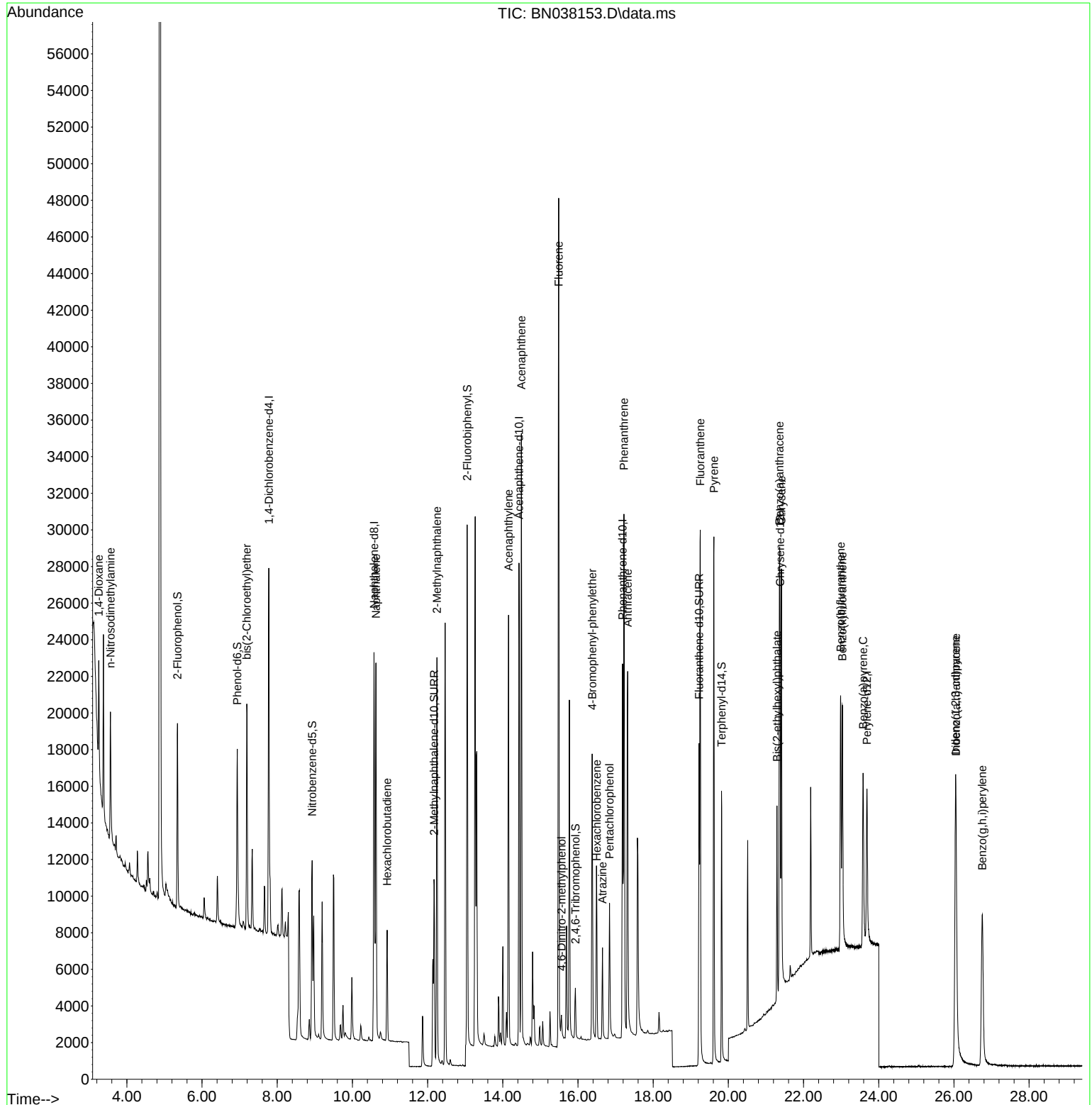
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	10026	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	28983	0.400	ng	# 0.00
13) Acenaphthene-d10	14.430	164	15515	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	27421	0.400	ng	0.00
29) Chrysene-d12	21.375	240	14748	0.400	ng	0.00
35) Perylene-d12	23.686	264	12843	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	8412	0.356	ng	0.00
5) Phenol-d6	6.937	99	9765	0.339	ng	0.00
8) Nitrobenzene-d5	8.928	82	8483	0.363	ng	0.00
11) 2-Methylnaphthalene-d10	12.172	152	15313	0.370	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	1709	0.267	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	23399	0.377	ng	0.00
27) Fluoranthene-d10	19.220	212	20301	0.294	ng	0.00
31) Terphenyl-d14	19.819	244	15184	0.474	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.254	88	3107	0.300	ng	# 63
3) n-Nitrosodimethylamine	3.564	42	4828	0.362	ng	# 92
6) bis(2-Chloroethyl)ether	7.190	93	9674	0.342	ng	97
9) Naphthalene	10.626	128	27698	0.347	ng	100
10) Hexachlorobutadiene	10.925	225	4883	0.363	ng	# 99
12) 2-Methylnaphthalene	12.248	142	16416	0.308	ng	99
16) Acenaphthylene	14.152	152	26047	0.371	ng	99
17) Acenaphthene	14.494	154	16275	0.331	ng	98
18) Fluorene	15.489	166	21962	0.341	ng	100
20) 4,6-Dinitro-2-methylph...	15.560	198	924	0.360	ng	94
21) 4-Bromophenyl-phenylether	16.379	248	6464	0.360	ng	96
22) Hexachlorobenzene	16.503	284	7742	0.379	ng	98
23) Atrazine	16.652	200	4195	0.319	ng	99
24) Pentachlorophenol	16.838	266	4005	0.455	ng	98
25) Phenanthrene	17.223	178	30077	0.345	ng	100
26) Anthracene	17.322	178	26370	0.346	ng	100
28) Fluoranthene	19.252	202	27890	0.287	ng	100
30) Pyrene	19.615	202	27217	0.409	ng	100
32) Benzo(a)anthracene	21.357	228	18326	0.348	ng	99
33) Chrysene	21.411	228	21315	0.373	ng	100
34) Bis(2-ethylhexyl)phtha...	21.295	149	8356	0.302	ng	99
36) Indeno(1,2,3-cd)pyrene	26.039	276	23211	0.440	ng	99
37) Benzo(b)fluoranthene	22.987	252	18803	0.342	ng	95
38) Benzo(k)fluoranthene	23.031	252	19981	0.362	ng	97
39) Benzo(a)pyrene	23.583	252	16370	0.372	ng	95
40) Dibenzo(a,h)anthracene	26.057	278	17788	0.438	ng	99
41) Benzo(g,h,i)perylene	26.756	276	20005	0.431	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110725\
Data File : BN038153.D
Acq On : 07 Nov 2025 14:20
Operator : RC/JU
Sample : PB170427BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB170427BSD

Quant Time: Nov 07 14:43:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration



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284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	BN102825	Instrument	BNA_n
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC0.8	BN038114.D	Benzo(b)fluoranthene	rahul	10/29/2025 9:43:43 AM	mohammad	10/30/2025 5:29:45 AM	Peak Integrated by Software

Manual Integration Report

Sequence:	BN110725	Instrument	BNA_n
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q3534-01	BN038149.D	2-Methylnaphthalene-d10	rahul	11/10/2025 8:45:47 AM	Jagrut	11/10/2025 12:19:48 PM	Peak Integrated by Software
Q3534-01	BN038149.D	Anthracene	rahul	11/10/2025 8:45:47 AM	Jagrut	11/10/2025 12:19:48 PM	Peak Integrated by Software
SSTDCCC0.4	BN038163.D	Benzo(b)fluoranthene	rahul	11/10/2025 8:45:59 AM	Jagrut	11/10/2025 12:19:57 PM	Peak Integrated by Software
Q3534-10	BN038168.D	Phenanthrene	rahul	11/10/2025 8:46:02 AM	Jagrut	11/10/2025 12:19:59 PM	Peak Integrated by Software
Q3534-01DL	BN038169.D	Nitrobenzene-d5	rahul	11/10/2025 8:46:04 AM	Jagrut	11/10/2025 12:20:01 PM	Peak Integrated by Software
SSTDCCC0.4	BN038172.D	Benzo(b)fluoranthene	rahul	11/10/2025 8:46:09 AM	Jagrut	11/10/2025 12:20:03 PM	Peak Integrated by Software



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:

BN111025

Instrument

BNA_n

Sample ID

File ID

Parameter

Review By

Review On

Supervised
By

Supervised On

Reason

Instrument ID: **BNA_N**

Daily Analysis Runlog For Sequence/QC Batch ID # BN102825

Review By	rahul	Review On	10/28/2025 3:41:07 PM
Supervise By	mohammad	Supervise On	10/30/2025 5:29:45 AM
SubDirectory	BN102825	HP Acquire Method	BNA_N, 8270_SiM HP Processing Method BN102825
STD. NAME	STD REF.#		
Tune/Reschk	SP6875		
Initial Calibration Stds	SP6897,SP6898,SP6900,SP6901,SP6902,SP6903,SP6904		
CCC	SP6902		
Internal Standard/PEM	SP6830,1ul/100ul sample		
ICV/I.BLK	SP6906		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BN038110.D	28 Oct 2025 12:05	RC/JU	Ok
2	SSTDICC0.1	BN038111.D	28 Oct 2025 13:00	RC/JU	Ok
3	SSTDICC0.2	BN038112.D	28 Oct 2025 13:36	RC/JU	Ok
4	SSTDICCC0.4	BN038113.D	28 Oct 2025 14:13	RC/JU	Ok
5	SSTDICC0.8	BN038114.D	28 Oct 2025 14:49	RC/JU	Ok,M
6	SSTDICC1.6	BN038115.D	28 Oct 2025 15:25	RC/JU	Ok
7	SSTDICC3.2	BN038116.D	28 Oct 2025 16:02	RC/JU	Ok
8	SSTDICC5.0	BN038117.D	28 Oct 2025 16:38	RC/JU	Ok
9	SSTDICV0.4	BN038118.D	28 Oct 2025 17:51	RC/JU	Ok
10	PB170167BL	BN038119.D	28 Oct 2025 19:04	RC/JU	Not Ok

M : Manual Integration

Instrument ID: **BNA_N**

Daily Analysis Runlog For Sequence/QC Batch ID # BN110725

Review By	rahul	Review On	11/7/2025 2:34:23 PM
Supervise By	Jagrut	Supervise On	11/10/2025 12:20:28 PM
SubDirectory	BN110725	HP Acquire Method	BNA_N
		HP Processing Method	BN102825
STD. NAME	STD REF.#		
Tune/Reschk	SP6875		
Initial Calibration Stds	SP6897,SP6898,SP6900,SP6901,SP6902,SP6903,SP6904		
CCC	SP6902		
Internal Standard/PEM	SP6830,1ul/100ul sample		
ICV/I.BLK	SP6906		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BN038146.D	07 Nov 2025 09:00	RC/JU	Ok
2	SSTDCCC0.4	BN038147.D	07 Nov 2025 09:39	RC/JU	Ok
3	PB170427BL	BN038148.D	07 Nov 2025 10:15	RC/JU	Not Ok
4	Q3534-01	BN038149.D	07 Nov 2025 10:52	RC/JU	Dilution
5	Q3534-02	BN038150.D	07 Nov 2025 11:27	RC/JU	Dilution
6	Q3534-03	BN038151.D	07 Nov 2025 12:04	RC/JU	Dilution
7	PB170427BS	BN038152.D	07 Nov 2025 13:44	RC/JU	Ok
8	PB170427BSD	BN038153.D	07 Nov 2025 14:20	RC/JU	Ok
9	Q3552-03	BN038154.D	07 Nov 2025 14:56	RC/JU	Dilution
10	Q3534-05	BN038155.D	07 Nov 2025 15:33	RC/JU	Dilution
11	Q3552-05	BN038156.D	07 Nov 2025 16:10	RC/JU	Dilution
12	Q3534-04	BN038157.D	07 Nov 2025 16:46	RC/JU	Ok
13	Q3534-06	BN038158.D	07 Nov 2025 17:21	RC/JU	Ok
14	Q3534-07	BN038159.D	07 Nov 2025 17:58	RC/JU	Ok
15	Q3552-04	BN038160.D	07 Nov 2025 18:34	RC/JU	Ok
16	Q3552-01	BN038161.D	07 Nov 2025 19:10	RC/JU	Dilution
17	Q3552-02	BN038162.D	07 Nov 2025 19:46	RC/JU	Dilution
18	SSTDCCC0.4	BN038163.D	07 Nov 2025 20:22	RC/JU	Ok,M
19	DFTPP	BN038164.D	07 Nov 2025 21:38	RC/JU	Ok
20	SSTDCCC0.4	BN038165.D	07 Nov 2025 22:18	RC/JU	Ok
21	PB170427BL	BN038166.D	07 Nov 2025 22:54	RC/JU	Ok

Instrument ID: **BNA_N**

Daily Analysis Runlog For Sequence/QC Batch ID # BN110725

Review By	rahul	Review On	11/7/2025 2:34:23 PM		
Supervise By	Jagrut	Supervise On	11/10/2025 12:20:28 PM		
SubDirectory	BN110725	HP Acquire Method	BNA_N	HP Processing Method	BN102825
STD. NAME		STD REF.#			
Tune/Reschk		SP6875			
Initial Calibration Stds		SP6897,SP6898,SP6900,SP6901,SP6902,SP6903,SP6904			
CCC		SP6902			
Internal Standard/PEM		SP6830,1ul/100ul sample			
ICV/I.BLK		SP6906			
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

22	Q3534-09	BN038167.D	07 Nov 2025 23:31	RC/JU	Ok
23	Q3534-10	BN038168.D	08 Nov 2025 00:07	RC/JU	Ok,M
24	Q3534-01DL	BN038169.D	08 Nov 2025 00:44	RC/JU	Ok,M
25	Q3534-02DL	BN038170.D	08 Nov 2025 01:20	RC/JU	Ok
26	Q3534-03DL	BN038171.D	08 Nov 2025 01:57	RC/JU	Ok
27	SSTDCCC0.4	BN038172.D	08 Nov 2025 02:34	RC/JU	Ok,M

M : Manual Integration

Instrument ID: **BNA_N**

Daily Analysis Runlog For Sequence/QC Batch ID # BN111025

Review By	rahul	Review On	11/11/2025 8:29:55 AM
Supervise By	Jagrut	Supervise On	11/11/2025 10:33:05 AM
SubDirectory	BN111025	HP Acquire Method	BNA_N, 8270_SiM HP Processing Method BN102825
STD. NAME	STD REF.#		
Tune/Reschk	SP6875		
Initial Calibration Stds	SP6897,SP6898,SP6900,SP6901,SP6902,SP6903,SP6904		
CCC	SP6902		
Internal Standard/PEM	SP6830,1ul/100ul sample		
ICV/I.BLK	SP6906		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BN038173.D	10 Nov 2025 09:30	RC/JU	Ok
2	SSTDCCC0.4	BN038174.D	10 Nov 2025 10:14	RC/JU	Ok
3	PB170427BL	BN038175.D	10 Nov 2025 10:50	RC/JU	Ok
4	Q3534-05DL	BN038176.D	10 Nov 2025 11:26	RC/JU	Ok
5	Q3552-01DL	BN038177.D	10 Nov 2025 12:02	RC/JU	Ok
6	Q3552-05DL	BN038178.D	10 Nov 2025 12:39	RC/JU	Ok
7	Q3552-03DL	BN038179.D	10 Nov 2025 13:16	RC/JU	Ok
8	Q3552-02DL	BN038180.D	10 Nov 2025 13:52	RC/JU	Ok
9	SSTDCCC0.4	BN038181.D	10 Nov 2025 15:01	RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QC Batch ID # BN102825

Review By	rahul	Review On	10/28/2025 3:41:07 PM
Supervise By	mohammad	Supervise On	10/30/2025 5:29:45 AM
SubDirectory	BN102825	HP Acquire Method	BNA_N, 8270_HP Processing Method BN102825
STD. NAME	STD REF.#		
Tune/Reschk	SP6875		
Initial Calibration Stds	SP6897,SP6898,SP6900,SP6901,SP6902,SP6903,SP6904		
CCC	SP6902		
Internal Standard/PEM	SP6830,1ul/100ul sample		
ICV/I.BLK	SP6906		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BN038110.D	28 Oct 2025 12:05		RC/JU	Ok
2	SSTDICC0.1	SSTDICC0.1	BN038111.D	28 Oct 2025 13:00		RC/JU	Ok
3	SSTDICC0.2	SSTDICC0.2	BN038112.D	28 Oct 2025 13:36		RC/JU	Ok
4	SSTDICCC0.4	SSTDICCC0.4	BN038113.D	28 Oct 2025 14:13	compound #20 kept on LR	RC/JU	Ok
5	SSTDICC0.8	SSTDICC0.8	BN038114.D	28 Oct 2025 14:49		RC/JU	Ok,M
6	SSTDICC1.6	SSTDICC1.6	BN038115.D	28 Oct 2025 15:25		RC/JU	Ok
7	SSTDICC3.2	SSTDICC3.2	BN038116.D	28 Oct 2025 16:02		RC/JU	Ok
8	SSTDICC5.0	SSTDICC5.0	BN038117.D	28 Oct 2025 16:38	Compound #20 removed from 5PPM	RC/JU	Ok
9	SSTDICV0.4	ICVBN102825	BN038118.D	28 Oct 2025 17:51		RC/JU	Ok
10	PB170167BL	PB170167BL	BN038119.D	28 Oct 2025 19:04	END CCC missing, Analyzed for Contamination check.	RC/JU	Not Ok

M : Manual Integration

Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QC Batch ID # BN110725

Review By	rahul	Review On	11/7/2025 2:34:23 PM		
Supervise By	Jagrut	Supervise On	11/10/2025 12:20:28 PM		
SubDirectory	BN110725	HP Acquire Method	BNA_N	HP Processing Method	BN102825
STD. NAME		STD REF.#			
Tune/Reschk		SP6875			
Initial Calibration Stds		SP6897,SP6898,SP6900,SP6901,SP6902,SP6903,SP6904			
CCC		SP6902			
Internal Standard/PEM		SP6830,1ul/100ul sample			
ICV/I.BLK		SP6906			
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BN038146.D	07 Nov 2025 09:00		RC/JU	Ok
2	SSTDCCC0.4	SSTDCCC0.4	BN038147.D	07 Nov 2025 09:39		RC/JU	Ok
3	PB170427BL	PB170427BL	BN038148.D	07 Nov 2025 10:15	Analyzed for contamination check	RC/JU	Not Ok
4	Q3534-01	MW-6	BN038149.D	07 Nov 2025 10:52	Internal standard failed,,Need 10X Dilution	RC/JU	Dilution
5	Q3534-02	MW-1	BN038150.D	07 Nov 2025 11:27	Need 30X Dilution	RC/JU	Dilution
6	Q3534-03	MW-11	BN038151.D	07 Nov 2025 12:04	Need 2X Dilution	RC/JU	Dilution
7	PB170427BS	PB170427BS	BN038152.D	07 Nov 2025 13:44		RC/JU	Ok
8	PB170427BSD	PB170427BSD	BN038153.D	07 Nov 2025 14:20		RC/JU	Ok
9	Q3552-03	MW-9	BN038154.D	07 Nov 2025 14:56	Internal standard failed,Need 10X Dilution	RC/JU	Dilution
10	Q3534-05	MW-EB-1	BN038155.D	07 Nov 2025 15:33	Internal standard failed,Need 2X Dilution	RC/JU	Dilution
11	Q3552-05	MW-3	BN038156.D	07 Nov 2025 16:10	Internal standard failed,Need 10X Dilution	RC/JU	Dilution
12	Q3534-04	MW-5	BN038157.D	07 Nov 2025 16:46		RC/JU	Ok
13	Q3534-06	MW-EB-2	BN038158.D	07 Nov 2025 17:21		RC/JU	Ok
14	Q3534-07	MW-EB-3	BN038159.D	07 Nov 2025 17:58		RC/JU	Ok
15	Q3552-04	MW-10	BN038160.D	07 Nov 2025 18:34		RC/JU	Ok
16	Q3552-01	MW-4	BN038161.D	07 Nov 2025 19:10	Need 40X Dilution	RC/JU	Dilution
17	Q3552-02	MW-8	BN038162.D	07 Nov 2025 19:46	Need 5X Dilution	RC/JU	Dilution

Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QC Batch ID # BN110725

Review By	rahul	Review On	11/7/2025 2:34:23 PM		
Supervise By	Jagrut	Supervise On	11/10/2025 12:20:28 PM		
SubDirectory	BN110725	HP Acquire Method	BNA_N	HP Processing Method	BN102825
STD. NAME		STD REF.#			
Tune/Reschk		SP6875			
Initial Calibration Stds		SP6897,SP6898,SP6900,SP6901,SP6902,SP6903,SP6904			
CCC		SP6902			
Internal Standard/PEM		SP6830,1ul/100ul sample			
ICV/I.BLK		SP6906			
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

18	SSTDCCC0.4	SSTDCCC0.4EC	BN038163.D	07 Nov 2025 20:22		RC/JU	Ok,M
19	DFTPP	DFTPP	BN038164.D	07 Nov 2025 21:38		RC/JU	Ok
20	SSTDCCC0.4	SSTDCCC0.4	BN038165.D	07 Nov 2025 22:18		RC/JU	Ok
21	PB170427BL	PB170427BL	BN038166.D	07 Nov 2025 22:54		RC/JU	Ok
22	Q3534-09	FB-1	BN038167.D	07 Nov 2025 23:31		RC/JU	Ok
23	Q3534-10	EB-1	BN038168.D	08 Nov 2025 00:07		RC/JU	Ok,M
24	Q3534-01DL	MW-6DL	BN038169.D	08 Nov 2025 00:44		RC/JU	Ok,M
25	Q3534-02DL	MW-1DL	BN038170.D	08 Nov 2025 01:20		RC/JU	Ok
26	Q3534-03DL	MW-11DL	BN038171.D	08 Nov 2025 01:57		RC/JU	Ok
27	SSTDCCC0.4	SSTDCCC0.4EC	BN038172.D	08 Nov 2025 02:34		RC/JU	Ok,M

M : Manual Integration

A
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Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QC Batch ID # BN111025

Review By	rahul	Review On	11/11/2025 8:29:55 AM
Supervise By	Jagrut	Supervise On	11/11/2025 10:33:05 AM
SubDirectory	BN111025	HP Acquire Method	BNA_N, 8270_HP Processing Method BN102825
STD. NAME	STD REF.#		
Tune/Reschk	SP6875		
Initial Calibration Stds	SP6897,SP6898,SP6900,SP6901,SP6902,SP6903,SP6904		
CCC	SP6902		
Internal Standard/PEM	SP6830,1ul/100ul sample		
ICV/I.BLK	SP6906		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BN038173.D	10 Nov 2025 09:30		RC/JU	Ok
2	SSTDCCC0.4	SSTDCCC0.4	BN038174.D	10 Nov 2025 10:14		RC/JU	Ok
3	PB170427BL	PB170427BL	BN038175.D	10 Nov 2025 10:50		RC/JU	Ok
4	Q3534-05DL	MW-EB-1DL	BN038176.D	10 Nov 2025 11:26		RC/JU	Ok
5	Q3552-01DL	MW-4DL	BN038177.D	10 Nov 2025 12:02		RC/JU	Ok
6	Q3552-05DL	MW-3DL	BN038178.D	10 Nov 2025 12:39		RC/JU	Ok
7	Q3552-03DL	MW-9DL	BN038179.D	10 Nov 2025 13:16		RC/JU	Ok
8	Q3552-02DL	MW-8DL	BN038180.D	10 Nov 2025 13:52		RC/JU	Ok
9	SSTDCCC0.4	SSTDCCC0.4EC	BN038181.D	10 Nov 2025 15:01		RC/JU	Ok

M : Manual Integration

SOP ID: M3510C,3580A-Extraction SVOC-21

Clean Up SOP #: N/A **Extraction Start Date :** 11/06/2025

Matrix : Water **Extraction Start Time :** 10:03

Weigh By: N/A **Extraction By:** RS **Extraction End Date :** 11/06/2025

Balance check: N/A **Filter By:** RS **Extraction End Time :** 15:05

Balance ID: N/A **pH Meter ID:** N/A **Concentration By:** EH

pH Strip Lot#: E3953 **Hood ID:** 4,6,7 **Supervisor By :** RUPESH

Extraction Method: ☒ Separatory Funnel ☐ Continuous Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☐ Soxhlet

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	0.4 PPM	SP6876
Surrogate	1.0ML	0.4 PPM	SP6893
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Methylene Chloride	N/A	E3980
Baked Na2SO4	N/A	EP2655
H2SO4 1:1	N/A	EP2657
10N NaOH	N/A	EP2658
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

PH Adjusted TO <2 with 1:1 H2SO4 & >11with 10N NAOH ,1.5ML Vial Lot #2210443. Q3534-09 & 10 split the volume.

KD Bath ID: WATER BATH-1 **Envap ID:** NEVAP-02

KD Bath Temperature: 60 °C **Envap Temperature:** 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/6/25	RS (Ext Lab)	JG/SV02
15:10	Preparation Group	Analysis Group

Analytical Method: M3510C,3580A-Extraction SVOC-21

Concentration Date: 11/06/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170427BL	SBLK427	SVOC-SIMGrou p1	1000	6	RUPESH	ritesh	1			SEP-1
PB170427BS	SLCS427	SVOC-SIMGrou p1	1000	6	RUPESH	ritesh	1			2
PB170427BS D	SLCSD427	SVOC-SIMGrou p1	1000	6	RUPESH	ritesh	1			3
Q3534-01	MW-6	SVOC-SIMGrou p1	950	6	RUPESH	ritesh	1	M		4
Q3534-02	MW-1	SVOC-SIMGrou p1	940	6	RUPESH	ritesh	1	M		5
Q3534-03	MW-11	SVOC-SIMGrou p1	980	6	RUPESH	ritesh	1	M		6
Q3534-04	MW-5	SVOC-SIMGrou p1	950	6	RUPESH	ritesh	1	M		7
Q3534-05	MW-EB-1	SVOC-SIMGrou p1	990	6	RUPESH	ritesh	1	M		8
Q3534-06	MW-EB-2	SVOC-SIMGrou p1	980	6	RUPESH	ritesh	1	M		9
Q3534-07	MW-EB-3	SVOC-SIMGrou p1	950	6	RUPESH	ritesh	1	M		10
Q3534-09	FB-1	SVOC-SIMGrou p1	500	6	RUPESH	ritesh	0.5	M		11
Q3534-10	EB-1	SVOC-SIMGrou p1	500	6	RUPESH	ritesh	0.5	M		12
Q3552-01	MW-4	SVOC-SIMGrou p1	1000	6	RUPESH	ritesh	1	M		13
Q3552-02	MW-8	SVOC-SIMGrou p1	1000	6	RUPESH	ritesh	1	M		14
Q3552-03	MW-9	SVOC-SIMGrou p1	1000	6	RUPESH	ritesh	1	M		15
Q3552-04	MW-10	SVOC-SIMGrou p1	1000	6	RUPESH	ritesh	1	M		16
Q3552-05	MW-3	SVOC-SIMGrou p1	960	6	RUPESH	ritesh	1	M		17

* Extracts relinquished on the same date as received.

Rs
1116

10:02
10/25

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3552

WorkList ID : 192937

Department : Extraction

Date : 11-06-2025 08:49:16

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3534-01	MW-6	Water	SVOC-SIMGroup1	Cool 4 deg C	REMI02	D31	11/03/2025	8270-Modified
Q3534-02	MW-1	Water	SVOC-SIMGroup1	Cool 4 deg C	REMI02	D31	11/03/2025	8270-Modified
Q3534-03	MW-11	Water	SVOC-SIMGroup1	Cool 4 deg C	REMI02	D31	11/03/2025	8270-Modified
Q3534-04	MW-5	Water	SVOC-SIMGroup1	Cool 4 deg C	REMI02	D31	11/03/2025	8270-Modified
Q3534-05	MW-EB-1	Water	SVOC-SIMGroup1	Cool 4 deg C	REMI02	D31	11/04/2025	8270-Modified
Q3534-06	MW-EB-2	Water	SVOC-SIMGroup1	Cool 4 deg C	REMI02	D31	11/03/2025	8270-Modified
Q3534-07	MW-EB-3	Water	SVOC-SIMGroup1	Cool 4 deg C	REMI02	D31	11/04/2025	8270-Modified
Q3534-09	FB-1	Water	SVOC-SIMGroup1	Cool 4 deg C	REMI02	D31	11/03/2025	8270-Modified
Q3534-10	EB-1	Water	SVOC-SIMGroup1	Cool 4 deg C	REMI02	D31	11/04/2025	8270-Modified
Q3552-01	MW-4	Water	SVOC-SIMGroup1	Cool 4 deg C	REMI02	D31	11/04/2025	8270-Modified
Q3552-02	MW-8	Water	SVOC-SIMGroup1	Cool 4 deg C	REMI02	D41	11/04/2025	8270-Modified
Q3552-03	MW-9	Water	SVOC-SIMGroup1	Cool 4 deg C	REMI02	D41	11/04/2025	8270-Modified
Q3552-04	MW-10	Water	SVOC-SIMGroup1	Cool 4 deg C	REMI02	D41	11/04/2025	8270-Modified
Q3552-05	MW-3	Water	SVOC-SIMGroup1	Cool 4 deg C	REMI02	D41	11/05/2025	8270-Modified
					REMI02	D41	11/04/2025	8270-Modified

Date/Time 11/6/25 10:00
Raw Sample Received by: RS (Ext Lab)
Raw Sample Relinquished by: [Signature]

Date/Time 11/6/25 10:40
Raw Sample Received by: [Signature]
Raw Sample Relinquished by: RS (Ext Lab)



LAB CHRONICLE

OrderID: Q3534
Client: Remington & Vernick Engineers
Contact: Kyle Carlson

OrderDate: 11/4/2025 1:29:44 PM
Project: Edison Landfill
Location: D31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3534-01	MW-6	Water	SVOC-SIMGroup1	8270-Modified	11/03/25	11/06/25	11/07/25	11/04/25
Q3534-01DL	MW-6DL	Water	SVOC-SIMGroup1	8270-Modified	11/03/25	11/06/25	11/08/25	11/04/25
Q3534-02	MW-1	Water	SVOC-SIMGroup1	8270-Modified	11/03/25	11/06/25	11/07/25	11/04/25
Q3534-02DL	MW-1DL	Water	SVOC-SIMGroup1	8270-Modified	11/03/25	11/06/25	11/08/25	11/04/25
Q3534-03	MW-11	Water	SVOC-SIMGroup1	8270-Modified	11/03/25	11/06/25	11/07/25	11/04/25
Q3534-03DL	MW-11DL	Water	SVOC-SIMGroup1	8270-Modified	11/03/25	11/06/25	11/08/25	11/04/25
Q3534-04	MW-5	Water	SVOC-SIMGroup1	8270-Modified	11/04/25	11/06/25	11/07/25	11/04/25
Q3534-05	MW-EB-1	Water	SVOC-SIMGroup1	8270-Modified	11/03/25	11/06/25	11/07/25	11/04/25
Q3534-05DL	MW-EB-1DL	Water	SVOC-SIMGroup1	8270-Modified	11/03/25	11/06/25	11/10/25	11/04/25
Q3534-06	MW-EB-2	Water	SVOC-SIMGroup1	8270-Modified	11/04/25	11/06/25	11/07/25	11/04/25
Q3534-07	MW-EB-3	Water	SVOC-SIMGroup1	8270-Modified	11/03/25	11/06/25	11/07/25	11/04/25
Q3534-09	FB-1	Water			11/04/25			11/04/25

