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Hit Summary Sheet SW-846

SDG No.: Q2869
Client: JACOBS Engineering Group, Inc.

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
Client ID :	MW-19B-71.5-081325						
Q2869-01	MW-19B-71.5-081325	WATER 1,4-Dioxane	5.700	E	0.07	0.22	ug/L
		Total Svoc :			5.70		
		Total Concentration:			5.70		
Client ID :	MW-19B-71.5-081325DL						
Q2869-01DL	MW-19B-71.5-081325DI	WATER 1,4-Dioxane	5.700	D	0.14	0.43	ug/L
		Total Svoc :			5.70		
		Total Concentration:			5.70		
Client ID :	MW-11A-13.5-081325						
Q2869-04	MW-11A-13.5-081325	WATER 1,4-Dioxane	2.300		0.07	0.21	ug/L
		Total Svoc :			2.30		
		Total Concentration:			2.30		
Client ID :	MW-19B-71.5-081325-FD						
Q2869-05	MW-19B-71.5-081325-FI	WATER 1,4-Dioxane	5.000		0.07	0.21	ug/L
		Total Svoc :			5.00		
		Total Concentration:			5.00		



SAMPLE DATA

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/13/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	08/13/25
Client Sample ID:	MW-19B-71.5-081325	SDG No.:	Q2869
Lab Sample ID:	Q2869-01	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	930 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIMGroup1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN037608.D	1	08/18/25 08:41	08/19/25 15:29	PB169286

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
123-91-1	1,4-Dioxane	5.70	E	0.070	0.22	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.31		30 (20) - 150 (139)	77%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.38		30 (54) - 150 (157)	94%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.36		30 (27) - 130 (154)	89%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.37		30 (30) - 130 (155)	92%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.48		30 (54) - 130 (175)	120%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	2200	7.717			
1146-65-2	Naphthalene-d8	5210	10.498			
15067-26-2	Acenaphthene-d10	2610	14.345			
1517-22-2	Phenanthrene-d10	5270	17.086			
1719-03-5	Chrysene-d12	4640	21.268			
1520-96-3	Perylene-d12	4050	23.502			

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:	JACOBS Engineering Group, Inc.	Date Collected:	08/13/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	08/13/25
Client Sample ID:	MW-19B-71.5-081325DL	SDG No.:	Q2869
Lab Sample ID:	Q2869-01DL	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	930 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIMGroup1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN037622.D	2	08/18/25 08:41	08/20/25 06:38	PB169286

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
123-91-1	1,4-Dioxane	5.70	D	0.14	0.43	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.29		30 (20) - 150 (139)	72%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.35		30 (54) - 150 (157)	87%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.34		30 (27) - 130 (154)	86%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.36		30 (30) - 130 (155)	89%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.48		30 (54) - 130 (175)	120%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	2130	7.71			
1146-65-2	Naphthalene-d8	4900	10.498			
15067-26-2	Acenaphthene-d10	2450	14.345			
1517-22-2	Phenanthrene-d10	5000	17.086			
1719-03-5	Chrysene-d12	4110	21.268			
1520-96-3	Perylene-d12	3880	23.502			

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Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/13/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	08/13/25
Client Sample ID:	MW-01-6.5-081325	SDG No.:	Q2869
Lab Sample ID:	Q2869-03	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	900 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIMGroup1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN037609.D	1	08/18/25 08:41	08/19/25 16:05	PB169286

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
123-91-1	1,4-Dioxane	0.070	U	0.070	0.22	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.23		30 (20) - 150 (139)	58%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.34		30 (54) - 150 (157)	84%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.27		30 (27) - 130 (154)	67%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.32		30 (30) - 130 (155)	79%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.45		30 (54) - 130 (175)	112%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	2150	7.717			
1146-65-2	Naphthalene-d8	5200	10.498			
15067-26-2	Acenaphthene-d10	2530	14.345			
1517-22-2	Phenanthrene-d10	5350	17.086			
1719-03-5	Chrysene-d12	5200	21.268			
1520-96-3	Perylene-d12	4970	23.502			

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J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

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() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/13/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	08/13/25
Client Sample ID:	MW-11A-13.5-081325	SDG No.:	Q2869
Lab Sample ID:	Q2869-04	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIMGroup1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN037610.D	1	08/18/25 08:41	08/19/25 16:42	PB169286

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
123-91-1	1,4-Dioxane	2.30		0.070	0.21	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.29		30 (20) - 150 (139)	72%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.37		30 (54) - 150 (157)	93%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.33		30 (27) - 130 (154)	81%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.41		30 (30) - 130 (155)	101%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.50		30 (54) - 130 (175)	125%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	2500	7.717			
1146-65-2	Naphthalene-d8	6050	10.498			
15067-26-2	Acenaphthene-d10	2960	14.345			
1517-22-2	Phenanthrene-d10	6180	17.087			
1719-03-5	Chrysene-d12	5540	21.268			
1520-96-3	Perylene-d12	5230	23.499			

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MDL = Method Detection Limit

LOD = Limit of Detection

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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:	JACOBS Engineering Group, Inc.	Date Collected:	08/13/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	08/13/25
Client Sample ID:	MW-19B-71.5-081325-FD	SDG No.:	Q2869
Lab Sample ID:	Q2869-05	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIMGroup1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN037611.D	1	08/18/25 08:41	08/19/25 17:18	PB169286

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
123-91-1	1,4-Dioxane	5.00		0.070	0.21	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.27		30 (20) - 150 (139)	68%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.36		30 (54) - 150 (157)	89%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.31		30 (27) - 130 (154)	77%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.36		30 (30) - 130 (155)	91%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.48		30 (54) - 130 (175)	119%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	2370	7.717			
1146-65-2	Naphthalene-d8	5770	10.498			
15067-26-2	Acenaphthene-d10	2950	14.345			
1517-22-2	Phenanthrene-d10	6120	17.086			
1719-03-5	Chrysene-d12	5270	21.268			
1520-96-3	Perylene-d12	4710	23.502			

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LOD = Limit of Detection

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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:	JACOBS Engineering Group, Inc.	Date Collected:	08/13/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	08/13/25
Client Sample ID:	EB01-081325	SDG No.:	Q2869
Lab Sample ID:	Q2869-07	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	940 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIMGroup1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN037612.D	1	08/18/25 08:41	08/19/25 17:54	PB169286

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
123-91-1	1,4-Dioxane	0.070	U	0.070	0.21	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.30		30 (20) - 150 (139)	76%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.39		30 (54) - 150 (157)	97%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.36		30 (27) - 130 (154)	89%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.39		30 (30) - 130 (155)	97%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.49		30 (54) - 130 (175)	123%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	2240	7.717			
1146-65-2	Naphthalene-d8	5420	10.498			
15067-26-2	Acenaphthene-d10	2770	14.345			
1517-22-2	Phenanthrene-d10	5600	17.086			
1719-03-5	Chrysene-d12	4810	21.268			
1520-96-3	Perylene-d12	4480	23.502			

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D = Dilution

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Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/13/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	08/13/25
Client Sample ID:	EB02-081325	SDG No.:	Q2869
Lab Sample ID:	Q2869-10	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIMGroup1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN037613.D	1	08/18/25 08:41	08/19/25 18:30	PB169286

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
123-91-1	1,4-Dioxane	0.070	U	0.070	0.20	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.24		30 (20) - 150 (139)	61%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.34		30 (54) - 150 (157)	86%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.27		30 (27) - 130 (154)	67%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.28		30 (30) - 130 (155)	69%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.44		30 (54) - 130 (175)	109%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	2370	7.717			
1146-65-2	Naphthalene-d8	5790	10.498			
15067-26-2	Acenaphthene-d10	2830	14.345			
1517-22-2	Phenanthrene-d10	5680	17.086			
1719-03-5	Chrysene-d12	4480	21.268			
1520-96-3	Perylene-d12	4030	23.499			

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QC SUMMARY

Surrogate Summary

SW-846

SDG No.: Q2869

Client: JACOBS Engineering Group, Inc.

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
PB169286BL	PB169286BL	2-Methylnaphthalene-d10	0.4	0.32	81		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.33	83		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.36	90		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.35	86		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.37	93		30 (54)	130 (175)
PB169286BS	PB169286BS	2-Methylnaphthalene-d10	0.4	0.33	82		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.31	76		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.35	87		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.36	90		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.35	88		30 (54)	130 (175)
Q2842-04MS	MW-17B-55.5-08122025MS	2-Methylnaphthalene-d10	0.4	0.31	77		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.38	94		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.33	83		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.32	81		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.47	117		30 (54)	130 (175)
Q2842-05MSD	MW-17B-55.5-08122025MSD	2-Methylnaphthalene-d10	0.4	0.30	76		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.37	93		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.32	79		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.32	81		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.47	117		30 (54)	130 (175)
Q2869-01	MW-19B-71.5-081325	2-Methylnaphthalene-d10	0.4	0.31	77		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.38	94		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.36	89		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.37	92		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.48	120		30 (54)	130 (175)
Q2869-01DL	MW-19B-71.5-081325DL	2-Methylnaphthalene-d10	0.4	0.29	72		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.35	87		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.34	86		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.36	89		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.48	120		30 (54)	130 (175)
Q2869-03	MW-01-6.5-081325	2-Methylnaphthalene-d10	0.4	0.23	58		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.34	84		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.27	67		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.32	79		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.45	112		30 (54)	130 (175)
Q2869-04	MW-11A-13.5-081325	2-Methylnaphthalene-d10	0.4	0.29	72		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.37	93		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.33	81		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.41	101		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.50	125		30 (54)	130 (175)
Q2869-05	MW-19B-71.5-081325-FD	2-Methylnaphthalene-d10	0.4	0.27	68		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.36	89		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.31	77		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.36	91		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.48	119		30 (54)	130 (175)
Q2869-07	EB01-081325	2-Methylnaphthalene-d10	0.4	0.30	76		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.39	97		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.36	89		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.39	97		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.49	123		30 (54)	130 (175)
Q2869-10	EB02-081325	2-Methylnaphthalene-d10	0.4	0.24	61		30 (20)	150 (139)

() = LABORATORY INHOUSE LIMIT

Surrogate Summary

SW-846

SDG No.: Q2869

Client: JACOBS Engineering Group, Inc.

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
Q2869-10	EB02-081325	Fluoranthene-d10	0.4	0.34	86		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.27	67		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.28	69		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.44	109		30 (54)	130 (175)

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2869

Analytical Method: SW8270-Modified

Client: JACOBS Engineering Group, Inc.

DataFile: BN037605.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: Q2842-04MS		Client Sample ID: MW-17B-55.5-08122025MS									
1,4-Dioxane	0.43	2.90	3.00	ug/L	23				20 (10)	160 (175)	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2869

Analytical Method: SW8270-Modified

Client: JACOBS Engineering Group, Inc.

DataFile: BN037606.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	Q2842-05MSD	Client Sample ID:	MW-17B-55.5-08122025MSD								
1,4-Dioxane	0.42	2.90	3.00	ug/L	24		4		20 (10)	160 (175)	20 (20)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2869

Analytical Method: 8270-Modified

Client: JACOBS Engineering Group, Inc.

DataFile: BN037630.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB169286BS	1,4-Dioxane	0.4	0.30	ug/L	75				20 (65)	160 (116)	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID

PB169286BL

Lab Name: Alliance

Contract: JAC005

Lab Code: ACE

SDG NO.: Q2869

Lab File ID: BN037619.D

Lab Sample ID: PB169286BL

Instrument ID: BNA_N

Date Extracted: 08/18/2025

Matrix: (soil/water) Water

Date Analyzed: 08/20/2025

Level: (low/med) LOW

Time Analyzed: 04:50

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB169286BS	PB169286BS	BN037630.D	08/20/2025
MW-17B-55.5-08122025MS	Q2842-04MS	BN037605.D	08/19/2025
MW-17B-55.5-08122025MSD	Q2842-05MSD	BN037606.D	08/19/2025
MW-19B-71.5-081325	Q2869-01	BN037608.D	08/19/2025
MW-01-6.5-081325	Q2869-03	BN037609.D	08/19/2025
MW-11A-13.5-081325	Q2869-04	BN037610.D	08/19/2025
MW-19B-71.5-081325-FD	Q2869-05	BN037611.D	08/19/2025
EB01-081325	Q2869-07	BN037612.D	08/19/2025
EB02-081325	Q2869-10	BN037613.D	08/19/2025

COMMENTS: _____

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BN037576.D
Instrument ID: BNA_N

Contract: JAC005
SDG NO.: Q2869
DFTPP Injection Date: 08/12/2025
DFTPP Injection Time: 15:05

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	39.9
70	Less than 2.0% of mass 69	0.2 (0.6) 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	7.1
365	Greater than 1% of mass 198	3.9
441	Present, but less than mass 443	14.2
442	Greater than 50% of mass 198	84.5
443	15.0 - 24.0% of mass 442	16.2 (19.2) 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	BN037578.D	08/12/2025	16:26
SSTDICC0.2	SSTDICC0.2	BN037579.D	08/12/2025	17:03
SSTDICCC0.4	SSTDICCC0.4	BN037580.D	08/12/2025	17:39
SSTDICC0.8	SSTDICC0.8	BN037581.D	08/12/2025	18:16
SSTDICC1.6	SSTDICC1.6	BN037582.D	08/12/2025	18:52
SSTDICC3.2	SSTDICC3.2	BN037583.D	08/12/2025	19:29
SSTDICC5.0	SSTDICC5.0	BN037584.D	08/12/2025	20:05

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BN037599.D
Instrument ID: BNA_N

Contract: JAC005
SDG NO.: Q2869
DFTPP Injection Date: 08/19/2025
DFTPP Injection Time: 10:00

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	35.9
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	6.9
365	Greater than 1% of mass 198	4
441	Present, but less than mass 443	14.4
442	Greater than 50% of mass 198	97.7
443	15.0 - 24.0% of mass 442	17.9 (18.3) 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	BN037600.D	08/19/2025	10:39
MW-17B-55.5-08122025MS	Q2842-04MS	BN037605.D	08/19/2025	13:40
MW-17B-55.5-08122025MSD	Q2842-05MSD	BN037606.D	08/19/2025	14:17
MW-19B-71.5-081325	Q2869-01	BN037608.D	08/19/2025	15:29
MW-01-6.5-081325	Q2869-03	BN037609.D	08/19/2025	16:05
MW-11A-13.5-081325	Q2869-04	BN037610.D	08/19/2025	16:42
MW-19B-71.5-081325-FD	Q2869-05	BN037611.D	08/19/2025	17:18
EB01-081325	Q2869-07	BN037612.D	08/19/2025	17:54
EB02-081325	Q2869-10	BN037613.D	08/19/2025	18:30

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BN037617.D
Instrument ID: BNA_N

Contract: JAC005
SDG NO.: Q2869
DFTPP Injection Date: 08/20/2025
DFTPP Injection Time: 03:35

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.4 (0.9) 1
69	Mass 69 relative abundance	39.2
70	Less than 2.0% of mass 69	0.2 (0.6) 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	3.6
441	Present, but less than mass 443	11.8
442	Greater than 50% of mass 198	78.3
443	15.0 - 24.0% of mass 442	14.9 (19) 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	BN037618.D	08/20/2025	04:14
PB169286BL	PB169286BL	BN037619.D	08/20/2025	04:50
MW-19B-71.5-081325DL	Q2869-01DL	BN037622.D	08/20/2025	06:38
PB169286BS	PB169286BS	BN037630.D	08/20/2025	11:25

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q2869

Client ID : SSTDCCC0.4

Date Analyzed: 08/19/2025

Lab File ID: BN037600.D

Time Analyzed: 10:39

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	2628	7.717	6457	10.50	3216	14.34
UPPER LIMIT	5256	8.217	12914	10.998	6432	14.844
LOWER LIMIT	1314	7.217	3228.5	9.998	1608	13.844
EPA SAMPLE NO.						
01 EB02-081325	2371	7.72	5789	10.50	2832	14.35
02 MW-17B-55.5-08122025MS	2023	7.72	4765	10.50	2380	14.35
03 MW-17B-55.5-08122025MSD	2022	7.72	4839	10.50	2406	14.34
04 MW-19B-71.5-081325	2200	7.72	5205	10.50	2609	14.35
05 MW-01-6.5-081325	2151	7.72	5200	10.50	2532	14.35
06 MW-11A-13.5-081325	2495	7.72	6050	10.50	2961	14.35
07 MW-19B-71.5-081325-FD	2373	7.72	5766	10.50	2949	14.35
08 EB01-081325	2243	7.72	5421	10.50	2768	14.35

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.: Q2869

Client ID: SSTDCCC0.4

Date Analyzed: 08/19/2025

Lab File ID: BN037600.D

Time Analyzed: 10:39

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	6293	17.086	5356	21.267	5379	23.504
	UPPER LIMIT	12586	17.586	10712	21.767	10758	24.004
	LOWER LIMIT	3146.5	16.586	2678	20.767	2689.5	23.004
	EPA SAMPLE NO.						
01	EB02-081325	5676	17.09	4482	21.27	4034	23.50
02	MW-17B-55.5-08122025MS	4922	17.09	4507	21.27	3909	23.51
03	MW-17B-55.5-08122025MSD	5009	17.09	4561	21.27	3935	23.50
04	MW-19B-71.5-081325	5274	17.09	4636	21.27	4050	23.50
05	MW-01-6.5-081325	5354	17.09	5202	21.27	4969	23.50
06	MW-11A-13.5-081325	6177	17.09	5539	21.27	5233	23.50
07	MW-19B-71.5-081325-FD	6117	17.09	5268	21.27	4705	23.50
08	EB01-081325	5604	17.09	4806	21.27	4479	23.50

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.: Q2869

Client ID : SSTDCCC0.4

Date Analyzed: 08/20/2025

Lab File ID: BN037618.D

Time Analyzed: 04:14

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	2622	7.71	6166	10.50	3094	14.35
UPPER LIMIT	5244	8.21	12332	10.998	6188	14.845
LOWER LIMIT	1311	7.21	3083	9.998	1547	13.845
EPA SAMPLE NO.						
01 PB169286BL	2323	7.71	5229	10.50	2344	14.35
02 PB169286BS	2389	7.71	5616	10.49	2629	14.35
03 MW-19B-71.5-081325DL	2126	7.71	4898	10.50	2452	14.35

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.: Q2869

Client ID: SSTDCCC0.4

Date Analyzed: 08/20/2025

Lab File ID: BN037618.D

Time Analyzed: 04:14

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	6113	17.086	5494	21.268	5322	23.499
UPPER LIMIT	12226	17.586	10988	21.768	10644	23.999
LOWER LIMIT	3056.5	16.586	2747	20.768	2661	22.999
EPA SAMPLE NO.						
01 PB169286BL	4466	17.09	3733	21.27	3552	23.50
02 PB169286BS	5040	17.09	4175	21.27	3780	23.50
03 MW-19B-71.5-081325DL	4999	17.09	4107	21.27	3877	23.50

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:	JACOBS Engineering Group, Inc.	Date Collected:	
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	
Client Sample ID:	PB169286BL	SDG No.:	Q2869
Lab Sample ID:	PB169286BL	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIMGroup1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN037619.D	1	08/18/25 08:41	08/20/25 04:50	PB169286

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
123-91-1	1,4-Dioxane	0.070	U	0.070	0.20	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.32		30 (20) - 150 (139)	81%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.33		30 (54) - 150 (157)	83%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.36		30 (27) - 130 (154)	90%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.35		30 (30) - 130 (155)	86%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.37		30 (54) - 130 (175)	93%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	2320	7.71			
1146-65-2	Naphthalene-d8	5230	10.498			
15067-26-2	Acenaphthene-d10	2340	14.345			
1517-22-2	Phenanthrene-d10	4470	17.087			
1719-03-5	Chrysene-d12	3730	21.268			
1520-96-3	Perylene-d12	3550	23.499			

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:	JACOBS Engineering Group, Inc.	Date Collected:	
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	
Client Sample ID:	PB169286BS	SDG No.:	Q2869
Lab Sample ID:	PB169286BS	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIMGroup1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN037630.D	1	08/18/25 08:41	08/20/25 11:25	PB169286

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
123-91-1	1,4-Dioxane	0.30		0.070	0.20	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.33		30 (20) - 150 (139)	82%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.31		30 (54) - 150 (157)	76%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.35		30 (27) - 130 (154)	87%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.36		30 (30) - 130 (155)	90%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.35		30 (54) - 130 (175)	88%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	2390	7.71			
1146-65-2	Naphthalene-d8	5620	10.487			
15067-26-2	Acenaphthene-d10	2630	14.345			
1517-22-2	Phenanthrene-d10	5040	17.086			
1719-03-5	Chrysene-d12	4180	21.268			
1520-96-3	Perylene-d12	3780	23.502			

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:	JACOBS Engineering Group, Inc.	Date Collected:	08/12/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	08/12/25
Client Sample ID:	MW-17B-55.5-08122025MS	SDG No.:	Q2869
Lab Sample ID:	Q2842-04MS	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	940 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIMGroup1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN037605.D	1	08/18/25 08:41	08/19/25 13:40	PB169286

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
123-91-1	1,4-Dioxane	3.00		0.070	0.21	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.31		30 (20) - 150 (139)	77%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.38		30 (54) - 150 (157)	94%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.33		30 (27) - 130 (154)	83%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.32		30 (30) - 130 (155)	81%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.47		30 (54) - 130 (175)	117%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	2020	7.717			
1146-65-2	Naphthalene-d8	4770	10.498			
15067-26-2	Acenaphthene-d10	2380	14.345			
1517-22-2	Phenanthrene-d10	4920	17.087			
1719-03-5	Chrysene-d12	4510	21.268			
1520-96-3	Perylene-d12	3910	23.505			

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:	JACOBS Engineering Group, Inc.	Date Collected:	08/12/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	08/12/25
Client Sample ID:	MW-17B-55.5-08122025MSD	SDG No.:	Q2869
Lab Sample ID:	Q2842-05MSD	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIMGroup1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN037606.D	1	08/18/25 08:41	08/19/25 14:17	PB169286

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
123-91-1	1,4-Dioxane	3.00		0.070	0.21	ug/L
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)	93%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.32		30 (27) - 130 (154)	79%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.32		30 (30) - 130 (155)	81%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.47		30 (54) - 130 (175)	117%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	2020	7.717			
1146-65-2	Naphthalene-d8	4840	10.498			
15067-26-2	Acenaphthene-d10	2410	14.344			
1517-22-2	Phenanthrene-d10	5010	17.086			
1719-03-5	Chrysene-d12	4560	21.267			
1520-96-3	Perylene-d12	3940	23.504			

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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance

Contract: JAC005

Lab Code: ACE

SDG No.: Q2869

Instrument ID: BNA_N

Calibration Date(s): 08/12/2025 08/12/2025

Calibration Time(s): 16:26 20:05

LAB FILE ID:		RRF0.1 = BN037578.D		RRF0.2 = BN037579.D		RRF0.4 = BN037580.D		
		RRF0.8 = BN037581.D		RRF1.6 = BN037582.D		RRF3.2 = BN037583.D		
COMPOUND	RRF0.1	RRF0.2	RRF0.4	RRF0.8	RRF1.6	RRF3.2	RRF	% RSD
2-Methylnaphthalene-d10	0.488	0.492	0.508	0.493	0.543	0.578	0.544	14.4
Fluoranthene-d10	0.932	0.966	0.954	0.935	1.050	1.110	1.052	16.6
2-Fluorophenol	0.922	0.945	0.888	0.823	0.886	0.906	0.907	5.4
Phenol-d6	1.045	1.051	1.044	0.983	1.198	1.117	1.091	7.7
Nitrobenzene-d5	0.270	0.257	0.262	0.264	0.292	0.301	0.282	9.0
2-Fluorobiphenyl	2.226	2.243	2.300	2.251	2.341	2.391	2.313	3.5
2,4,6-Tribromophenol	0.139	0.149	0.156	0.160	0.185	0.203	0.175	19.4
Terphenyl-d14	0.814	0.801	0.796	0.763	0.833	0.853	0.823	5.5
1,4-Dioxane		0.413	0.395	0.368	0.397	0.375	0.383	6.1

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>JAC005</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q2869</u>
Instrument ID:	<u>BNA_N</u>	Calibration Date/Time:	<u>08/19/2025 10:39</u>
Lab File ID:	<u>BN037600.D</u>	Init. Calib. Date(s):	<u>08/12/2025 08/12/2025</u>
EPA Sample No.:	<u>SSTDCCC0.4</u>	Init. Calib. Time(s):	<u>16:26 20:05</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	0.544	0.498		-8.5	20.0
Fluoranthene-d10	1.052	0.957		-9.0	20.0
2-Fluorophenol	0.907	0.907		0.0	20.0
Phenol-d6	1.091	1.078		-1.2	20.0
Nitrobenzene-d5	0.282	0.275		-2.5	20.0
2-Fluorobiphenyl	2.313	2.186		-5.5	20.0
2,4,6-Tribromophenol	0.175	0.169		-3.4	20.0
Terphenyl-d14	0.823	0.796		-3.3	20.0
1,4-Dioxane	0.383	0.406		6.0	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>JAC005</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q2869</u>
Instrument ID:	<u>BNA_N</u>	Calibration Date/Time:	<u>08/20/2025 04:14</u>
Lab File ID:	<u>BN037618.D</u>	Init. Calib. Date(s):	<u>08/12/2025 08/12/2025</u>
EPA Sample No.:	<u>SSTDCCC0.4</u>	Init. Calib. Time(s):	<u>16:26 20:05</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	0.544	0.498		-8.5	20.0
Fluoranthene-d10	1.052	0.951		-9.6	20.0
2-Fluorophenol	0.907	0.875		-3.5	20.0
Phenol-d6	1.091	1.045		-4.2	20.0
Nitrobenzene-d5	0.282	0.281		-0.4	20.0
2-Fluorobiphenyl	2.313	2.246		-2.9	20.0
2,4,6-Tribromophenol	0.175	0.175		0.0	20.0
Terphenyl-d14	0.823	0.793		-3.6	20.0
1,4-Dioxane	0.383	0.380		-0.8	20.0

All other compounds must meet a minimum RRF of 0.010.



SAMPLE RAW DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081925\
 Data File : BN037608.D
 Acq On : 19 Aug 2025 15:29
 Operator : RC/JU
 Sample : Q2869-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-19B-71.5-081325

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 08/20/2025
 Supervised By :Jagrut Upadhyay 08/20/2025

Quant Time: Aug 20 01:26:54 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 13 05:00:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	2200	0.400	ng	0.00
7) Naphthalene-d8	10.498	136	5205	0.400	ng	0.00
13) Acenaphthene-d10	14.345	164	2609	0.400	ng	0.00
19) Phenanthrene-d10	17.086	188	5274	0.400	ng	0.00
29) Chrysene-d12	21.268	240	4636	0.400	ng	# 0.00
35) Perylene-d12	23.502	264	4050	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.305	112	826	0.166	ng	0.00
5) Phenol-d6	6.879	99	576	0.096	ng	0.00
8) Nitrobenzene-d5	8.854	82	1306	0.356	ng	0.00
11) 2-Methylnaphthalene-d10	12.090	152	2188	0.309	ng	0.00
14) 2,4,6-Tribromophenol	15.833	330	421	0.369	ng	0.00
15) 2-Fluorobiphenyl	12.973	172	5552	0.368	ng	0.00
27) Fluoranthene-d10	19.118	212	5219	0.376	ng	0.00
31) Terphenyl-d14	19.717	244	4571	0.479	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.232	88	11100	5.274	ng	# 95
9) Naphthalene	10.541	128	1436	0.104	ng	# 91
12) 2-Methylnaphthalene	12.161	142	233	0.027	ng	# 88
17) Acenaphthene	14.409	154	611	0.077	ng	98
18) Fluorene	15.392	166	597	0.057	ng	98
25) Phenanthrene	17.124	178	8597	0.536	ng	100
28) Fluoranthene	19.146	202	7523	0.408	ng	99
30) Pyrene	19.508	202	5017	0.289	ng	# 94
32) Benzo(a)anthracene	21.250	228	535	0.035	ng	# 85
33) Chrysene	21.304	228	813m	0.047	ng	
34) Bis(2-ethylhexyl)phtha...	21.196	149	466	0.073	ng	# 91

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

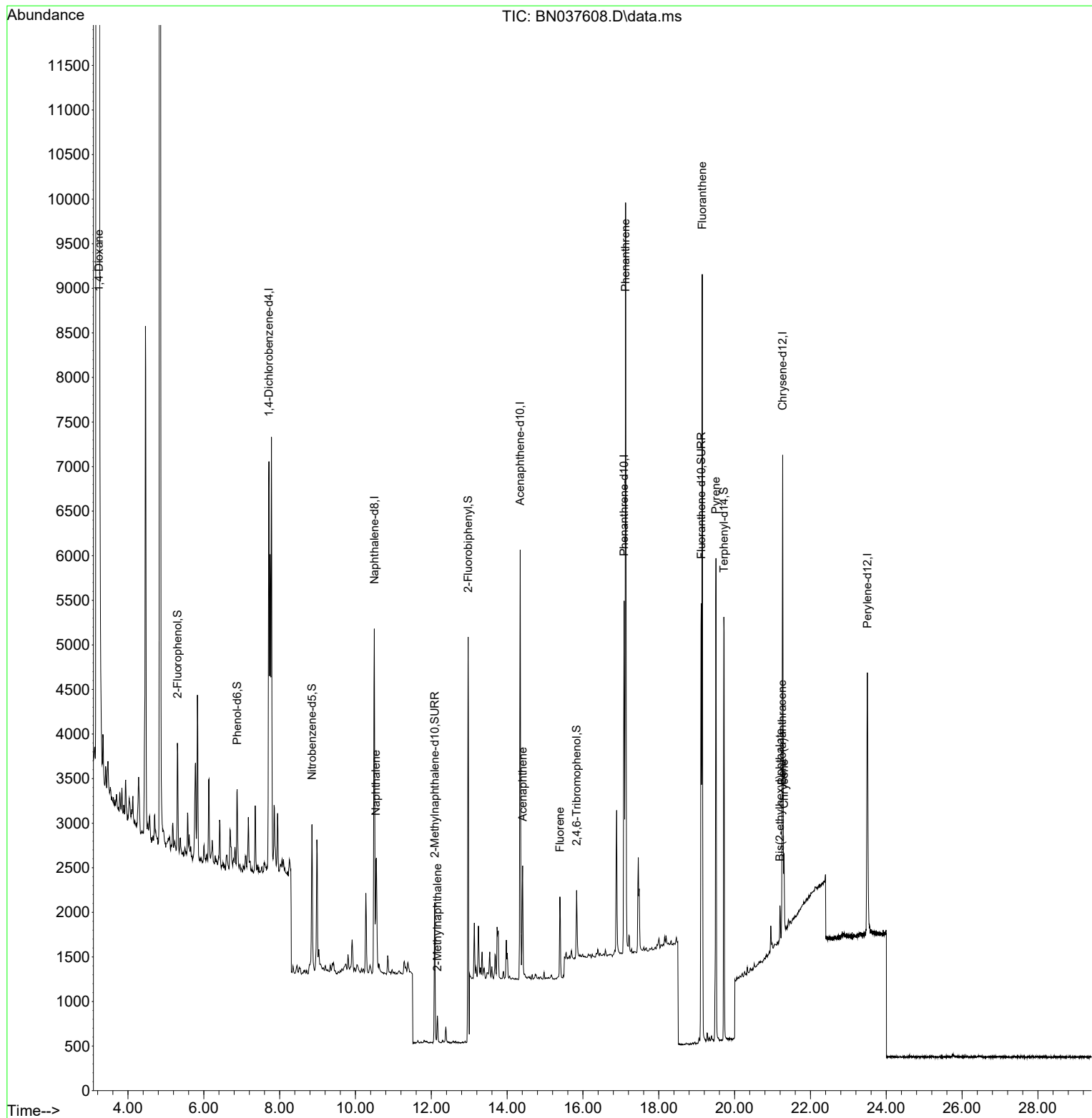
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Acq On : 19 Aug 2025 15:29
Operator : RC/JU
Sample : Q2869-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

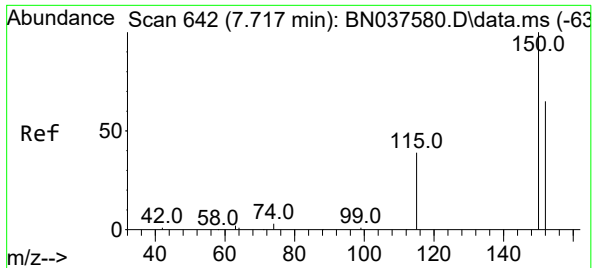
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BNA_N
ClientSampleId :
MW-19B-71.5-081325

Quant Time: Aug 20 01:26:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 13 05:00:58 2025
Response via : Initial Calibration

Manual Integrations
APPROVED

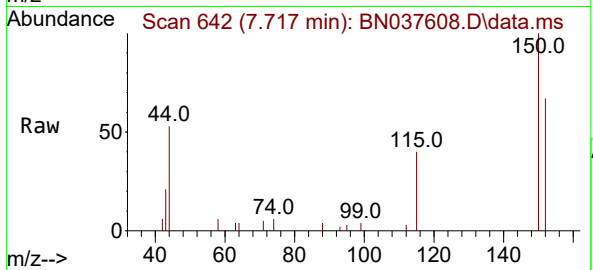
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.717 min Scan# 64
Delta R.T. 0.000 min
Lab File: BN037608.D
Acq: 19 Aug 2025 15:29

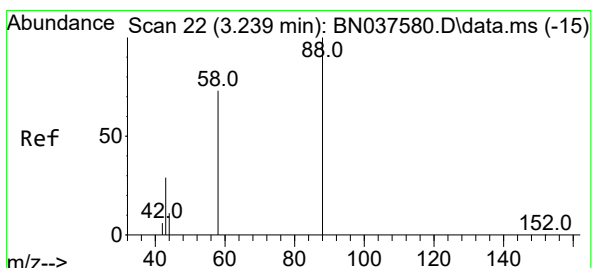
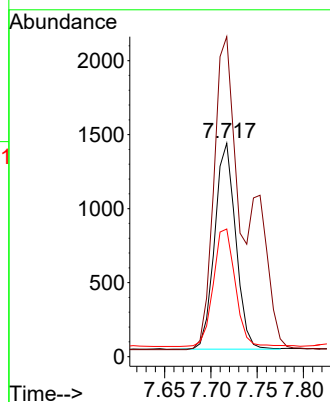
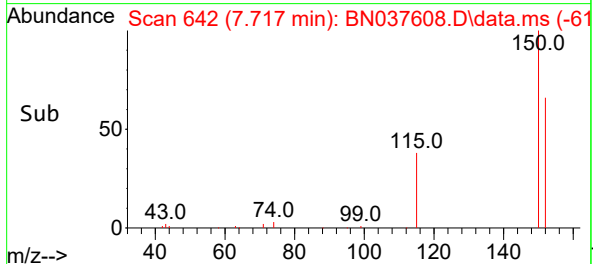
Instrument :
BNA_N
ClientSampleId :
MW-19B-71.5-081325



Tgt Ion:152 Resp: 2200
Ion Ratio Lower Upper
152 100
150 149.9 122.2 183.4
115 59.8 49.8 74.6

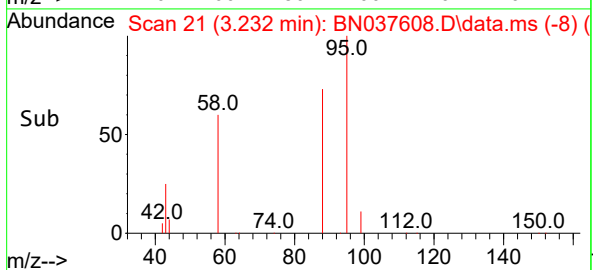
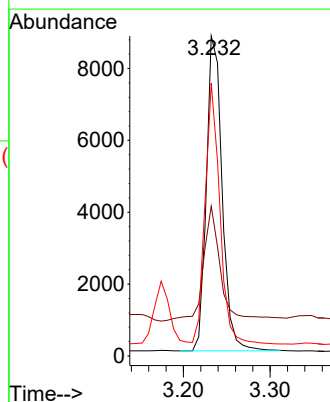
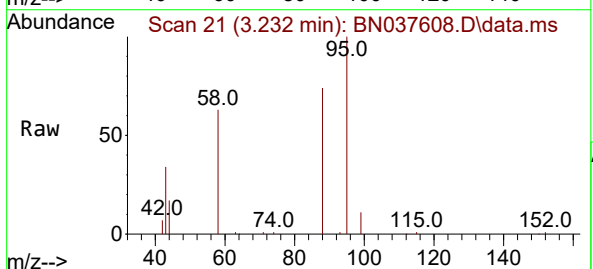
Manual Integrations
APPROVED

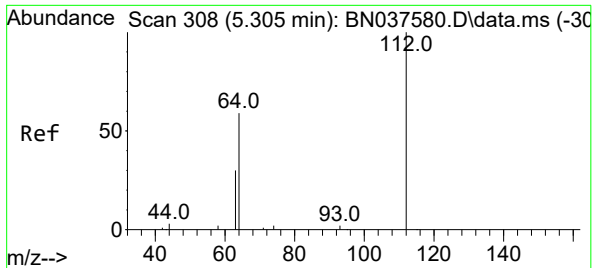
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#2
1,4-Dioxane
Concen: 5.274 ng
RT: 3.232 min Scan# 21
Delta R.T. -0.007 min
Lab File: BN037608.D
Acq: 19 Aug 2025 15:29

Tgt Ion: 88 Resp: 11100
Ion Ratio Lower Upper
88 100
43 40.0 25.8 38.6#
58 77.1 61.2 91.8





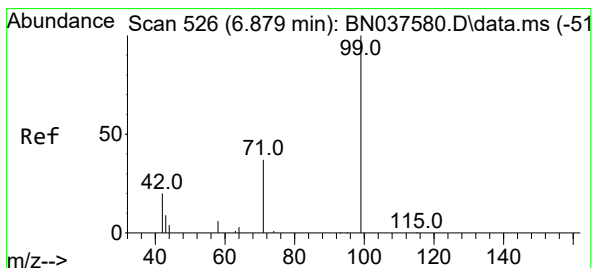
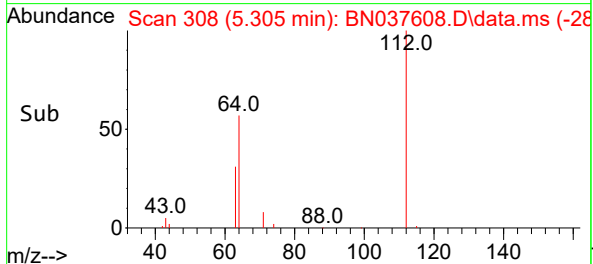
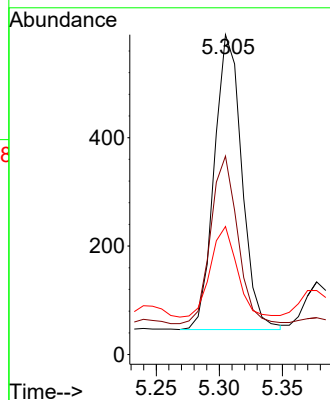
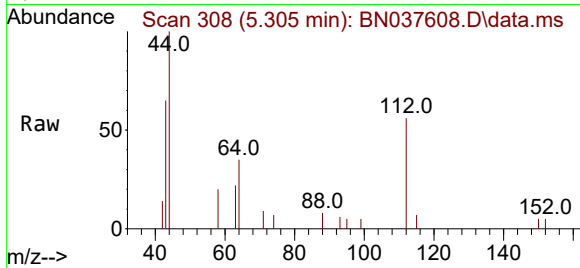
#4
2-Fluorophenol
Concen: 0.166 ng
RT: 5.305 min Scan# 308
Delta R.T. 0.000 min
Lab File: BN037608.D
Acq: 19 Aug 2025 15:29

Instrument :
BNA_N
ClientSampleId :
MW-19B-71.5-081325

Tgt Ion: 112 Resp: 820
Ion Ratio Lower Upper
112 100
64 55.4 44.9 67.3
63 29.8 23.4 35.2

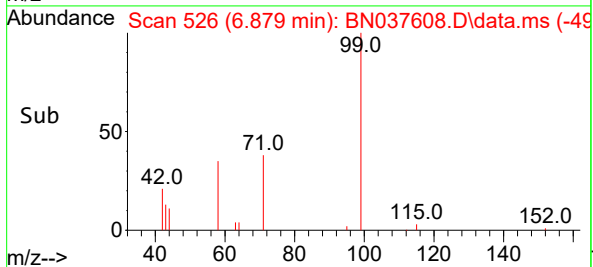
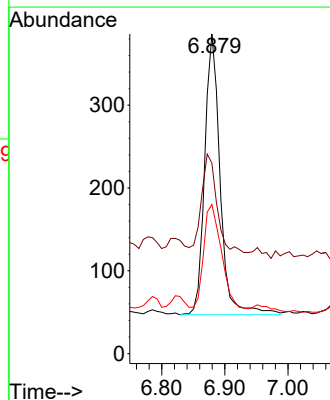
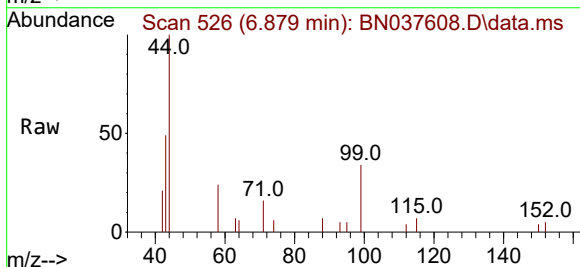
Manual Integrations
APPROVED

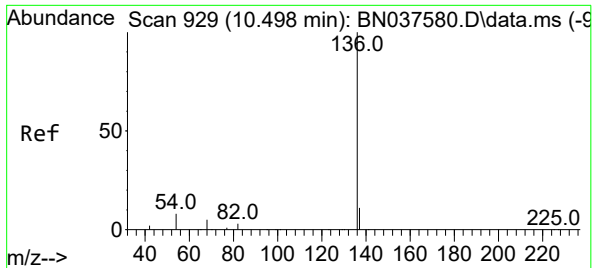
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#5
Phenol-d6
Concen: 0.096 ng
RT: 6.879 min Scan# 526
Delta R.T. 0.000 min
Lab File: BN037608.D
Acq: 19 Aug 2025 15:29

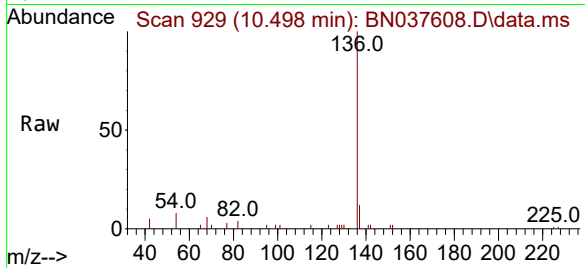
Tgt Ion: 99 Resp: 576
Ion Ratio Lower Upper
99 100
42 34.5 18.5 27.7#
71 43.4 28.6 42.8#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.498 min Scan# 929
Delta R.T. 0.000 min
Lab File: BN037608.D
Acq: 19 Aug 2025 15:29

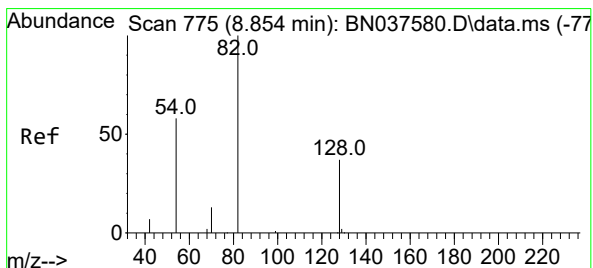
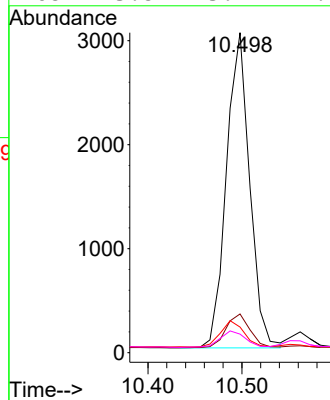
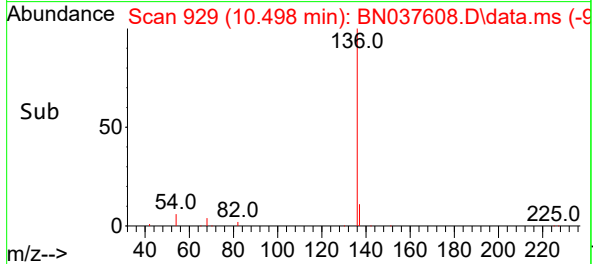
Instrument :
BNA_N
ClientSampleId :
MW-19B-71.5-081325



Tgt Ion: 136 Resp: 520
Ion Ratio Lower Upper
136 100
137 12.1 9.5 14.3
54 8.0 7.3 10.9
68 5.8 5.1 7.7

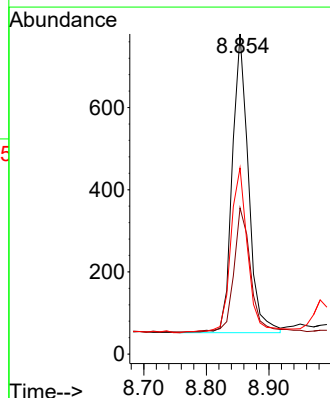
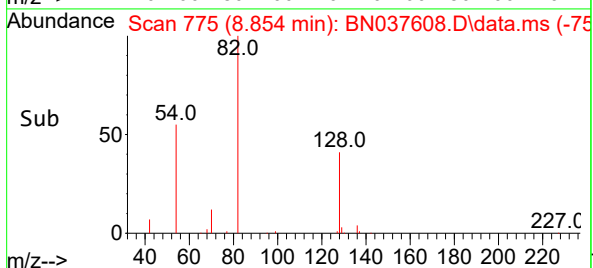
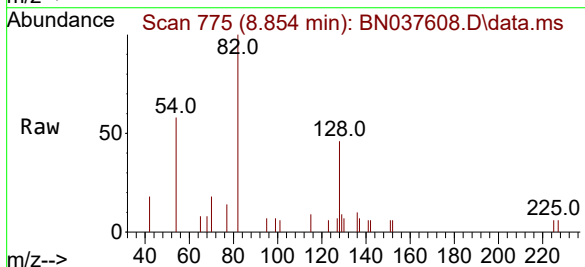
Manual Integrations
APPROVED

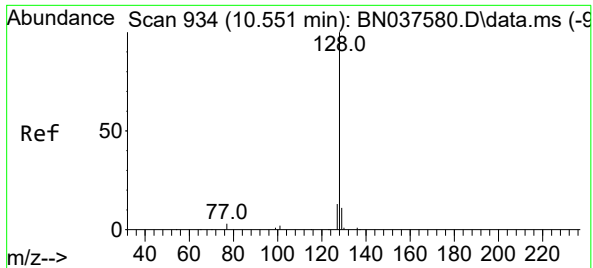
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#8
Nitrobenzene-d5
Concen: 0.356 ng
RT: 8.854 min Scan# 775
Delta R.T. 0.000 min
Lab File: BN037608.D
Acq: 19 Aug 2025 15:29

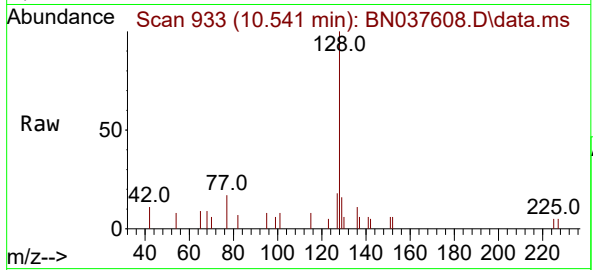
Tgt Ion: 82 Resp: 1306
Ion Ratio Lower Upper
82 100
128 45.7 32.6 48.8
54 58.2 48.9 73.3





#9
Naphthalene
Concen: 0.104 ng
RT: 10.541 min Scan# 911
Delta R.T. -0.011 min
Lab File: BN037608.D
Acq: 19 Aug 2025 15:29

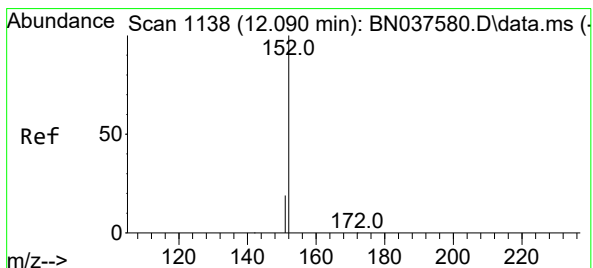
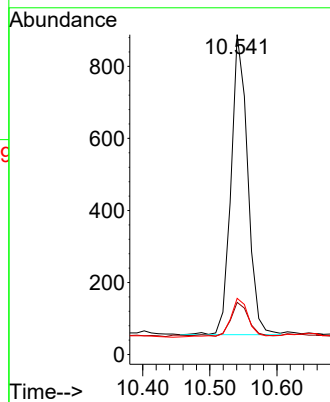
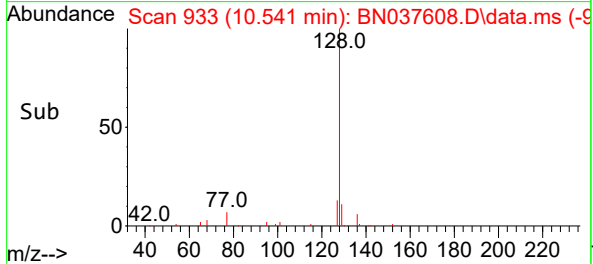
Instrument :
BNA_N
ClientSampleId :
MW-19B-71.5-081325



Tgt Ion:128 Resp: 1430
Ion Ratio Lower Upper
128 100
129 16.3 9.8 14.6
127 17.6 11.5 17.3

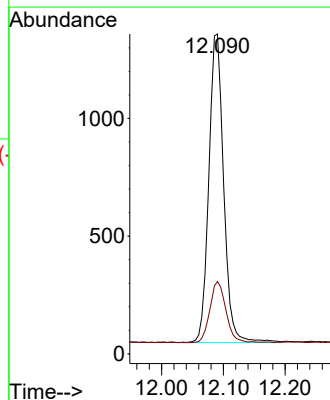
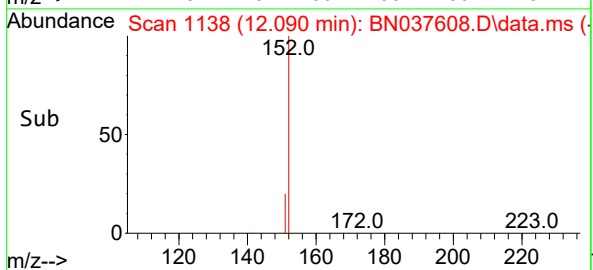
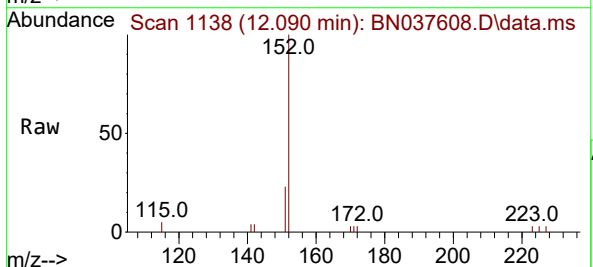
Manual Integrations
APPROVED

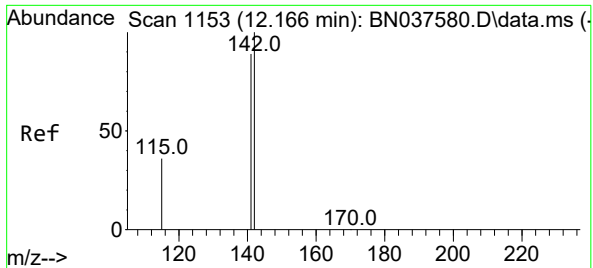
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#11
2-Methylnaphthalene-d10
Concen: 0.309 ng
RT: 12.090 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BN037608.D
Acq: 19 Aug 2025 15:29

Tgt Ion:152 Resp: 2188
Ion Ratio Lower Upper
152 100
151 21.4 17.3 25.9





#12

2-Methylnaphthalene

Concen: 0.027 ng

RT: 12.161 min Scan# 1152

Delta R.T. -0.005 min

Lab File: BN037608.D

Acq: 19 Aug 2025 15:29

Instrument :

BNA_N

ClientSampleId :

MW-19B-71.5-081325

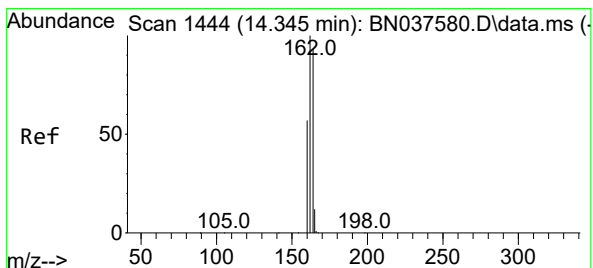
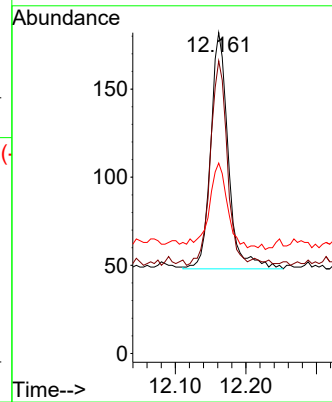
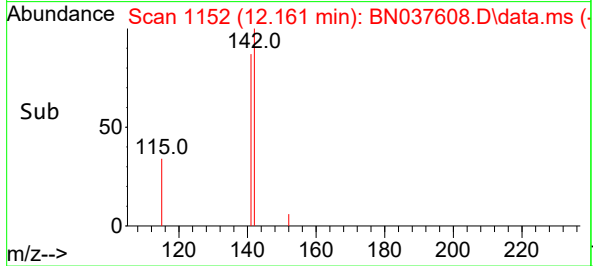
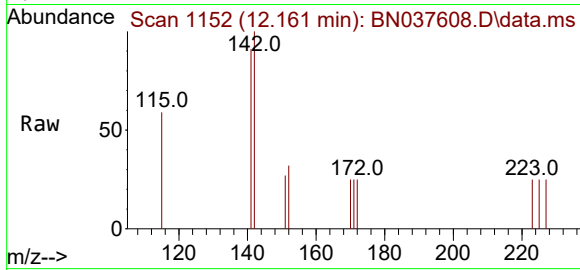
Tgt Ion:	142	Resp:	233
Ion Ratio	Lower	Upper	
142	100		
141	91.2	71.4	107.0
115	59.3	30.2	45.4

Manual Integrations

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Reviewed By :Rahul Chavli 08/20/2025

Supervised By :Jagrut Upadhyay 08/20/2025



#13

Acenaphthene-d10

Concen: 0.400 ng

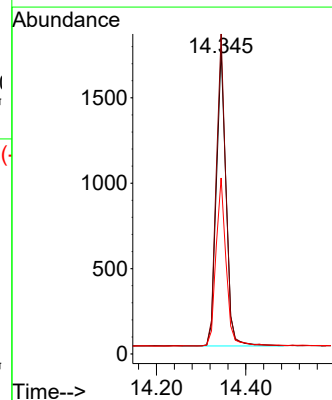
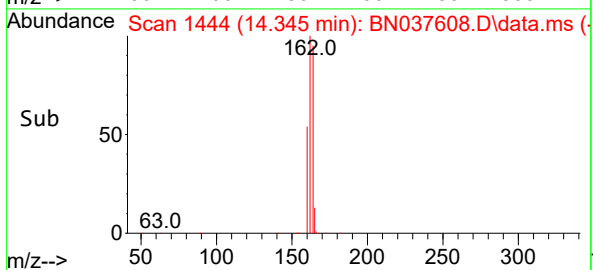
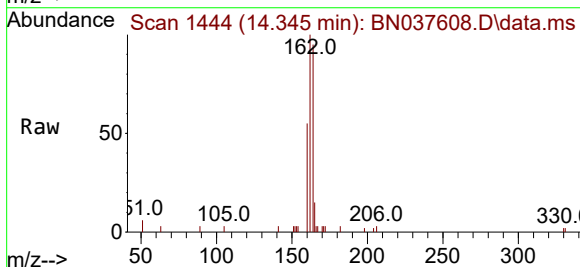
RT: 14.345 min Scan# 1444

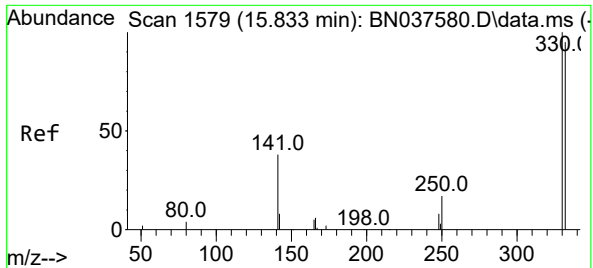
Delta R.T. 0.000 min

Lab File: BN037608.D

Acq: 19 Aug 2025 15:29

Tgt Ion:	164	Resp:	2609
Ion Ratio	Lower	Upper	
164	100		
162	105.2	85.5	128.3
160	57.9	49.5	74.3





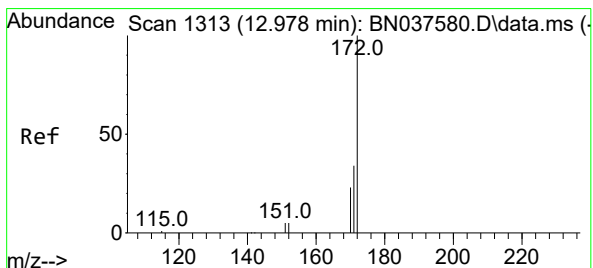
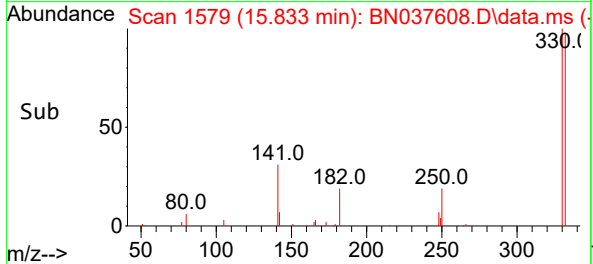
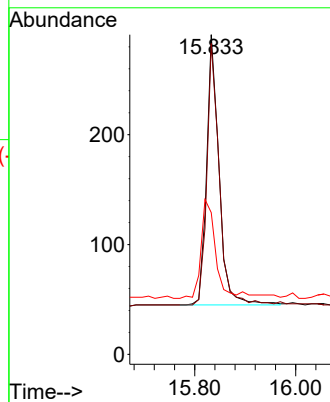
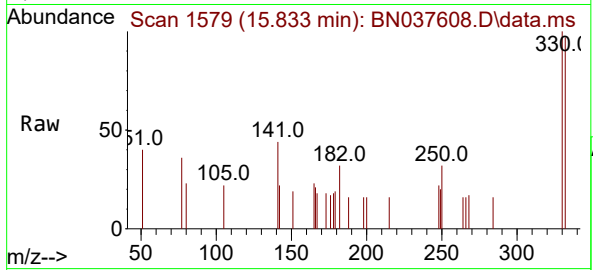
#14
2,4,6-Tribromophenol
Concen: 0.369 ng
RT: 15.833 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN037608.D
Acq: 19 Aug 2025 15:29

Instrument :
BNA_N
ClientSampleId :
MW-19B-71.5-081325

Tgt Ion:330 Resp: 42
Ion Ratio Lower Upper
330 100
332 96.2 77.4 116.0
141 41.6 30.9 46.3

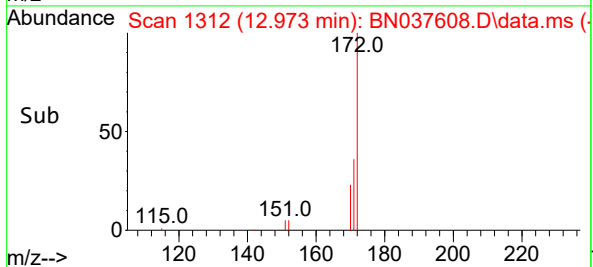
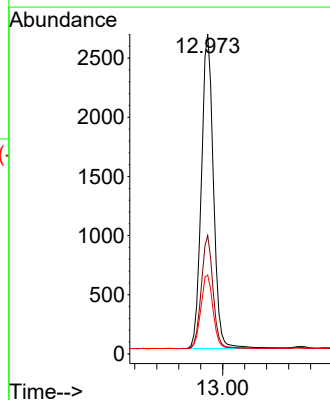
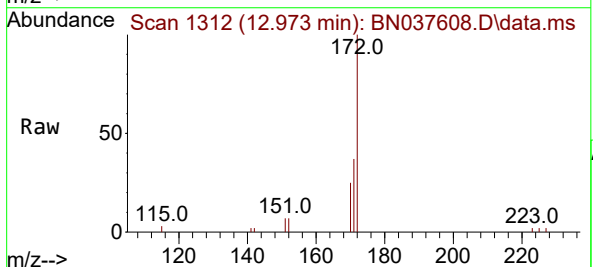
Manual Integrations
APPROVED

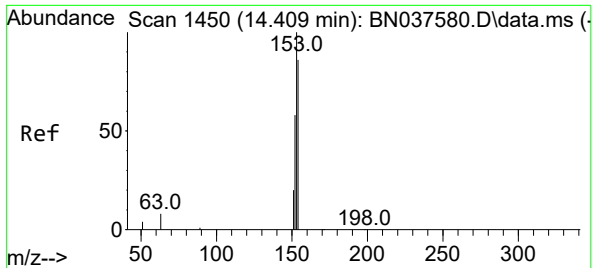
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#15
2-Fluorobiphenyl
Concen: 0.368 ng
RT: 12.973 min Scan# 1312
Delta R.T. -0.005 min
Lab File: BN037608.D
Acq: 19 Aug 2025 15:29

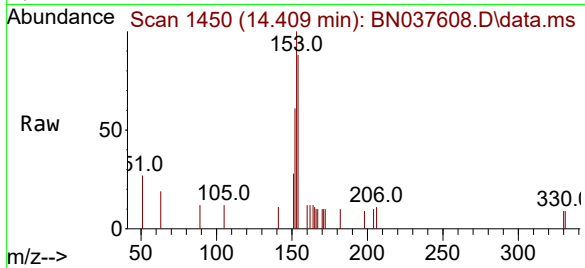
Tgt Ion:172 Resp: 5552
Ion Ratio Lower Upper
172 100
171 37.0 28.2 42.4
170 24.6 19.2 28.8





#17
Acenaphthene
Concen: 0.077 ng
RT: 14.409 min Scan# 1450
Delta R.T. 0.000 min
Lab File: BN037608.D
Acq: 19 Aug 2025 15:29

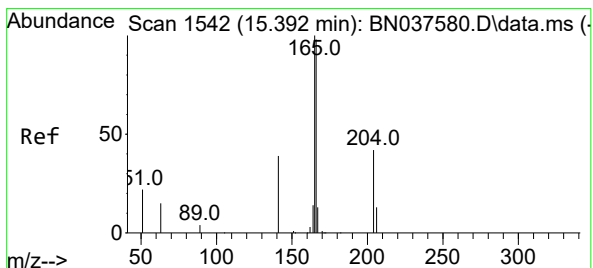
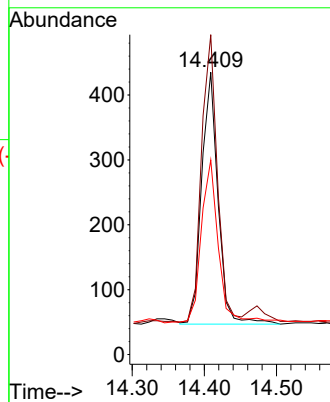
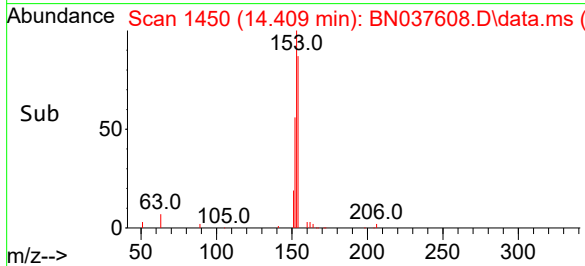
Instrument :
BNA_N
ClientSampleId :
MW-19B-71.5-081325



Tgt Ion:154 Resp: 61
Ion Ratio Lower Upper
154 100
153 111.1 90.6 135.8
152 66.6 54.9 82.3

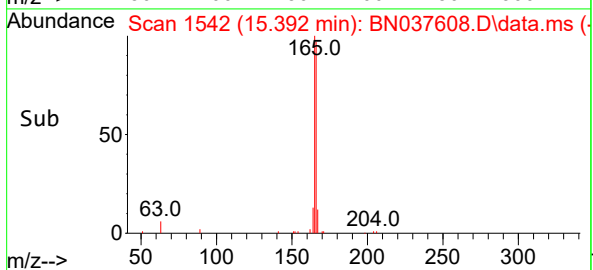
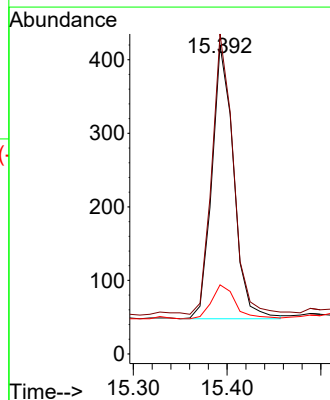
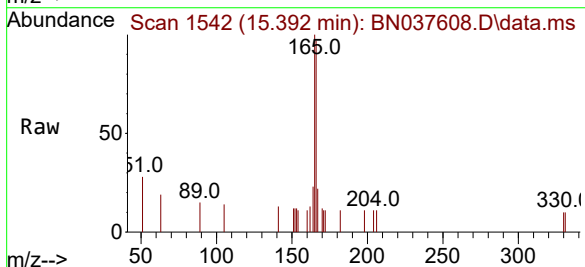
Manual Integrations
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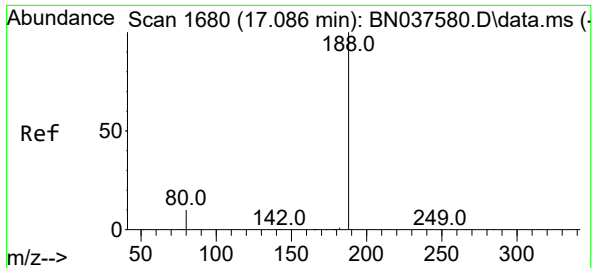
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#18
Fluorene
Concen: 0.057 ng
RT: 15.392 min Scan# 1542
Delta R.T. 0.000 min
Lab File: BN037608.D
Acq: 19 Aug 2025 15:29

Tgt Ion:166 Resp: 597
Ion Ratio Lower Upper
166 100
165 100.3 78.9 118.3
167 13.6 10.7 16.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.086 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN037608.D

Acq: 19 Aug 2025 15:29

Instrument :

BNA_N

ClientSampleId :

MW-19B-71.5-081325

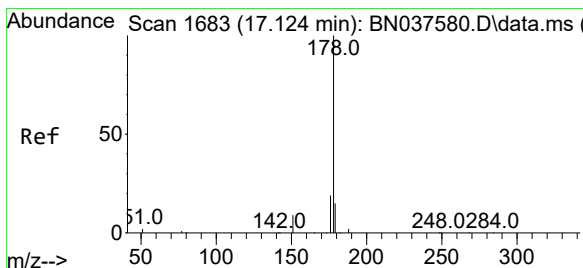
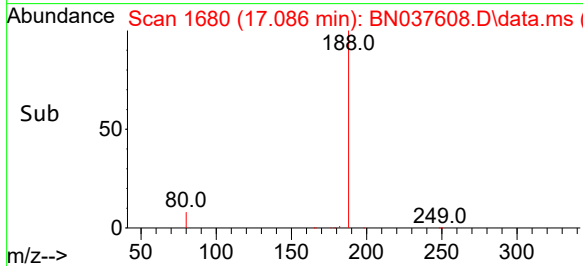
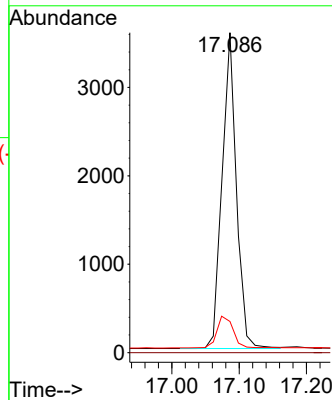
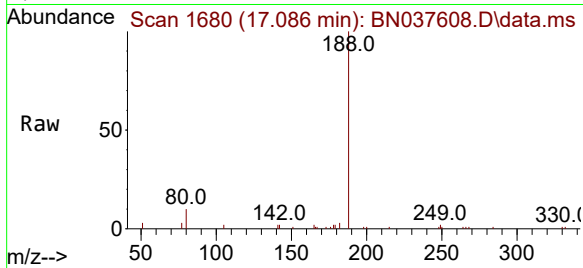
Tgt Ion:	188	Resp:	5274
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	9.7	9.1	13.7

Manual Integrations

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Reviewed By :Rahul Chavli 08/20/2025

Supervised By :Jagrut Upadhyay 08/20/2025



#25

Phenanthrene

Concen: 0.536 ng

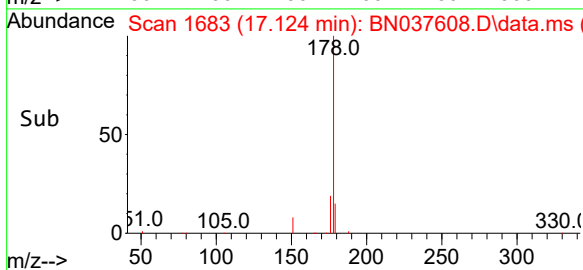
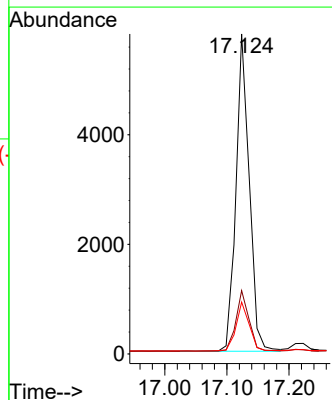
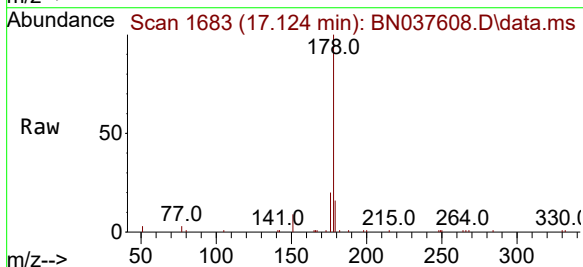
RT: 17.124 min Scan# 1683

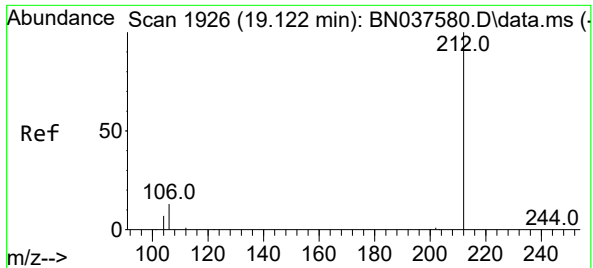
Delta R.T. 0.000 min

Lab File: BN037608.D

Acq: 19 Aug 2025 15:29

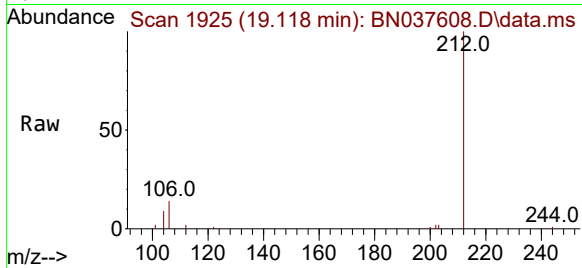
Tgt Ion:	178	Resp:	8597
Ion Ratio	Lower	Upper	
178	100		
176	18.7	15.0	22.6
179	15.5	12.3	18.5





#27
Fluoranthene-d10
Concen: 0.376 ng
RT: 19.118 min Scan# 1925
Delta R.T. -0.005 min
Lab File: BN037608.D
Acq: 19 Aug 2025 15:29

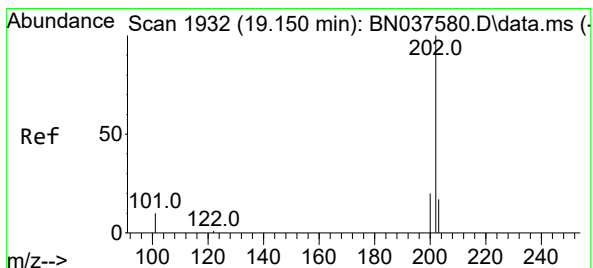
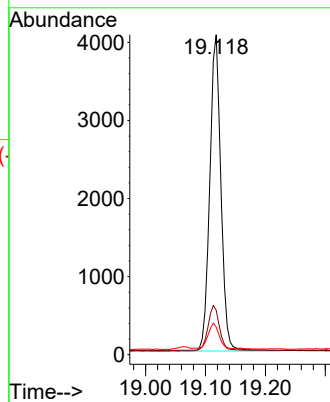
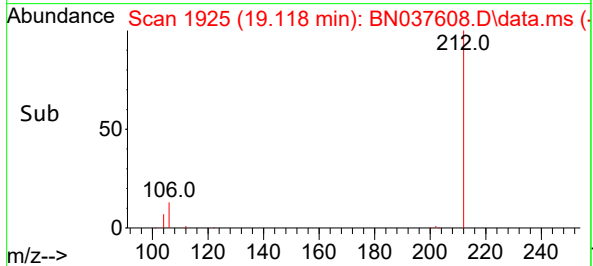
Instrument :
BNA_N
ClientSampleId :
MW-19B-71.5-081325



Tgt Ion:212 Resp: 5219
Ion Ratio Lower Upper
212 100
106 14.7 11.5 17.3
104 7.8 6.6 9.8

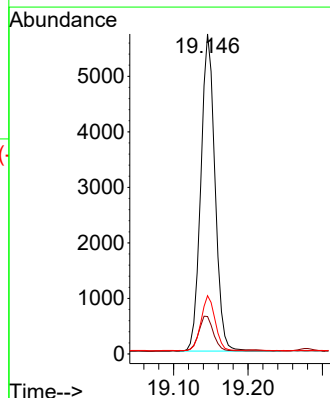
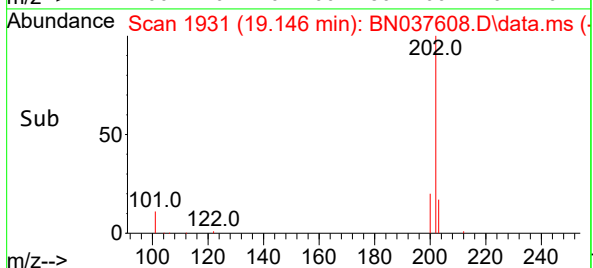
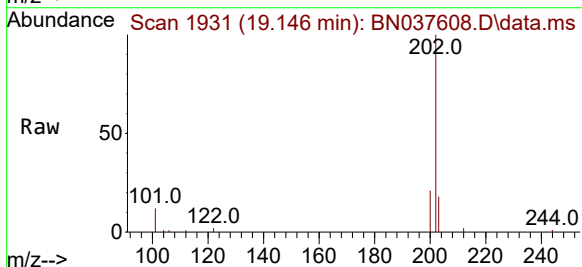
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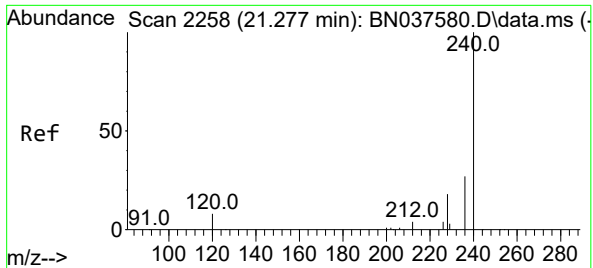
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#28
Fluoranthene
Concen: 0.408 ng
RT: 19.146 min Scan# 1931
Delta R.T. -0.005 min
Lab File: BN037608.D
Acq: 19 Aug 2025 15:29

Tgt Ion:202 Resp: 7523
Ion Ratio Lower Upper
202 100
101 11.5 9.0 13.6
203 17.1 13.8 20.8





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.268 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN037608.D

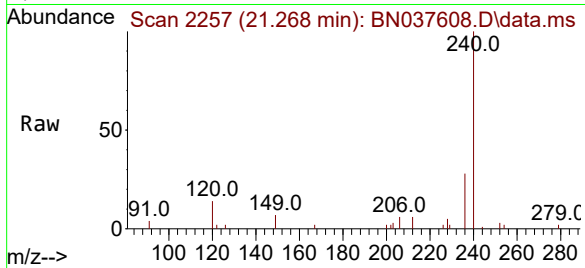
Acq: 19 Aug 2025 15:29

Instrument :

BNA_N

ClientSampleId :

MW-19B-71.5-081325



Tgt Ion:240 Resp: 4630

Ion Ratio Lower Upper

240 100

120 13.5 8.9 13.3

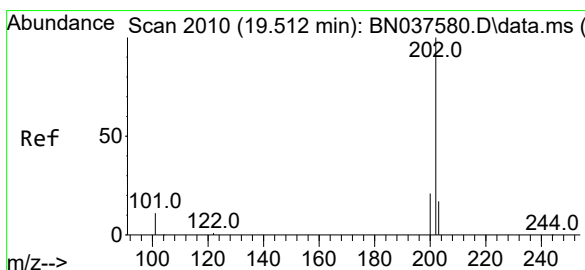
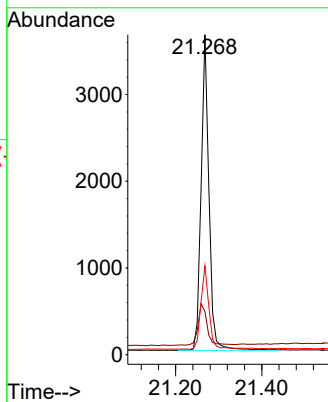
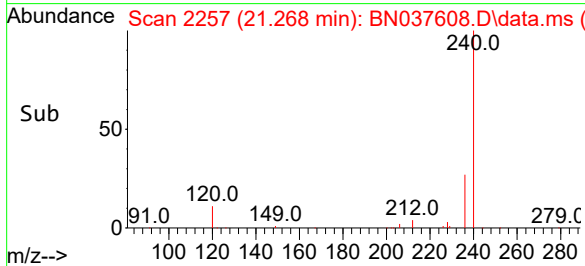
236 27.8 22.6 33.8

Manual Integrations

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Reviewed By :Rahul Chavli 08/20/2025

Supervised By :Jagrut Upadhyay 08/20/2025



#30

Pyrene

Concen: 0.289 ng

RT: 19.508 min Scan# 2009

Delta R.T. -0.005 min

Lab File: BN037608.D

Acq: 19 Aug 2025 15:29

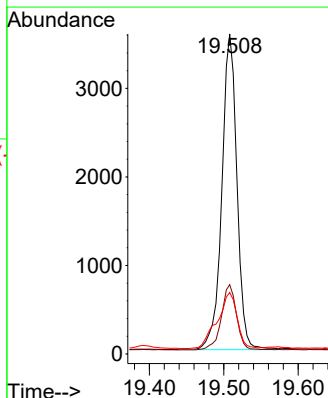
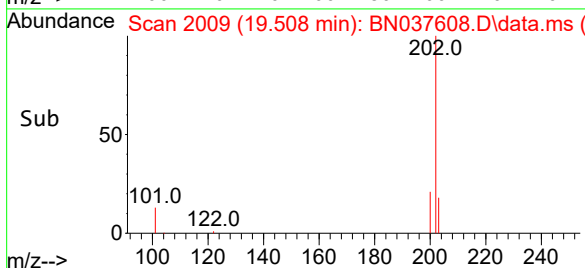
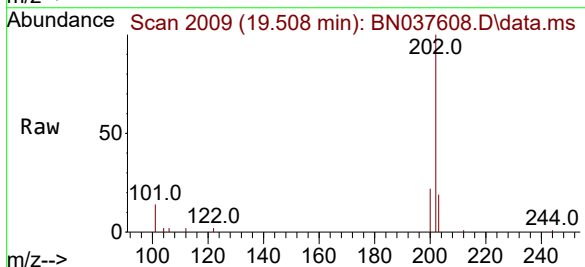
Tgt Ion:202 Resp: 5017

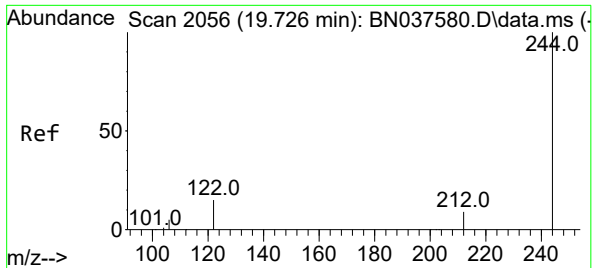
Ion Ratio Lower Upper

202 100

200 20.6 16.6 25.0

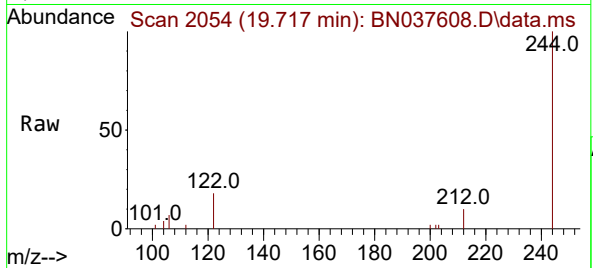
203 23.3 14.3 21.5





#31
Terphenyl-d14
Concen: 0.479 ng
RT: 19.717 min Scan# 2054
Delta R.T. -0.009 min
Lab File: BN037608.D
Acq: 19 Aug 2025 15:29

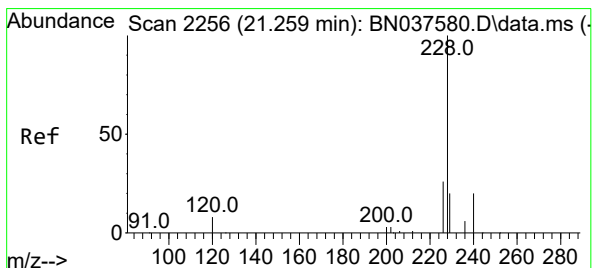
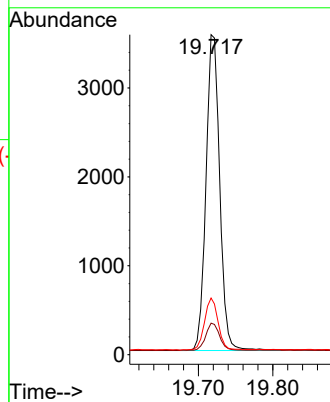
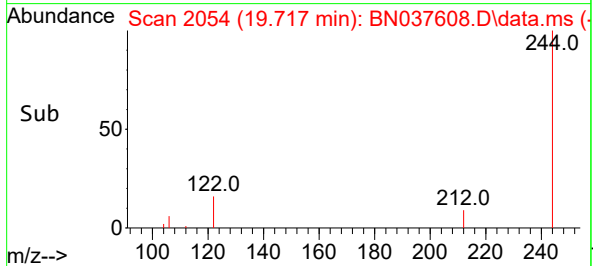
Instrument :
BNA_N
ClientSampleId :
MW-19B-71.5-081325



Tgt Ion:244 Resp: 457
Ion Ratio Lower Upper
244 100
212 9.8 8.2 12.2
122 17.7 13.2 19.8

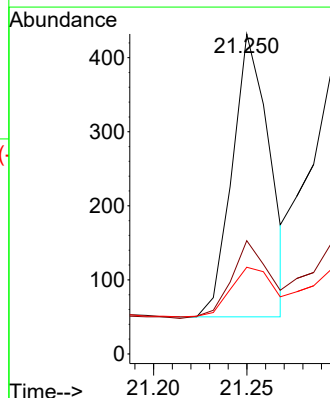
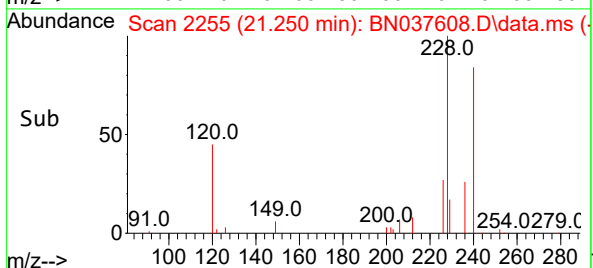
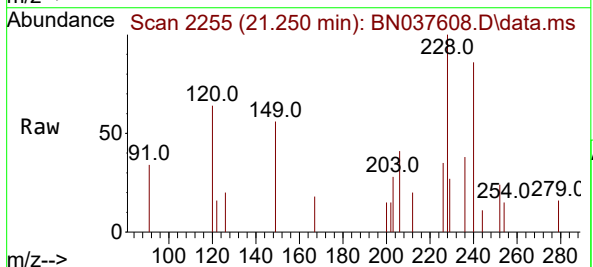
Manual Integrations
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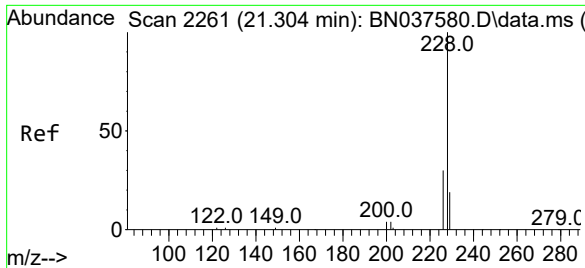
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#32
Benzo(a)anthracene
Concen: 0.035 ng
RT: 21.250 min Scan# 2255
Delta R.T. -0.009 min
Lab File: BN037608.D
Acq: 19 Aug 2025 15:29

Tgt Ion:228 Resp: 535
Ion Ratio Lower Upper
228 100
226 35.4 21.5 32.3#
229 27.1 16.5 24.7#





#33

Chrysene

Concen: 0.047 ng m

RT: 21.304 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN037608.D

Acq: 19 Aug 2025 15:29

Instrument :

BNA_N

ClientSampleId :

MW-19B-71.5-081325

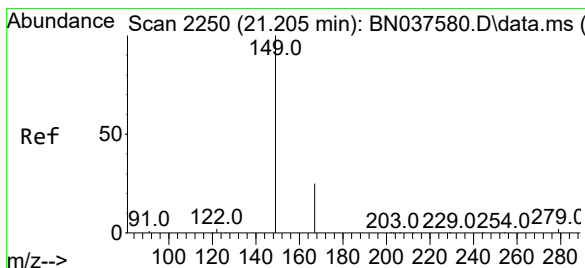
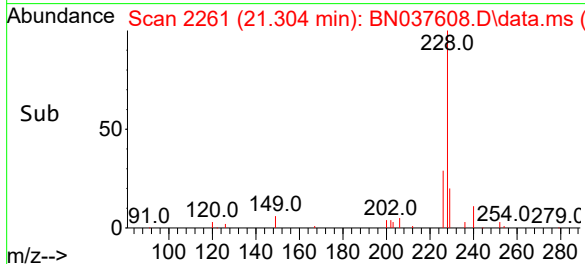
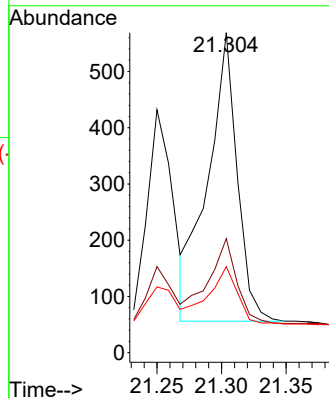
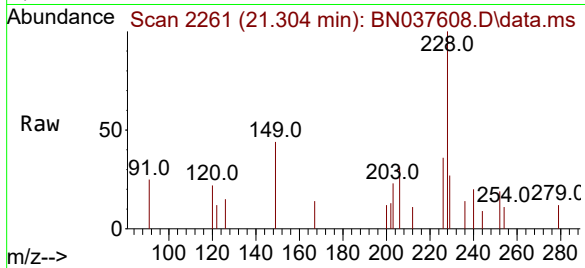
Tgt Ion:	228	Resp:	81
Ion Ratio	Lower	Upper	
228	100		
226	35.7	24.9	37.3
229	26.9	15.8	23.8

Manual Integrations

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Reviewed By :Rahul Chavli 08/20/2025

Supervised By :Jagrut Upadhyay 08/20/2025



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.073 ng

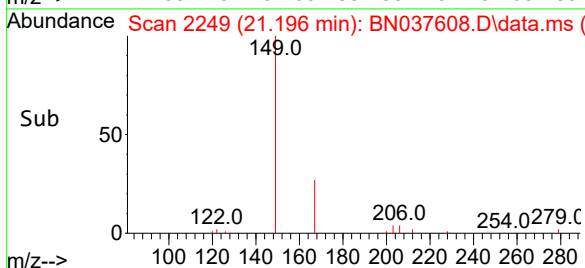
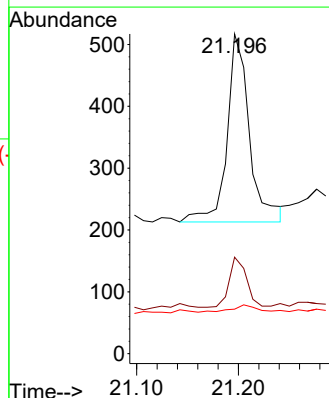
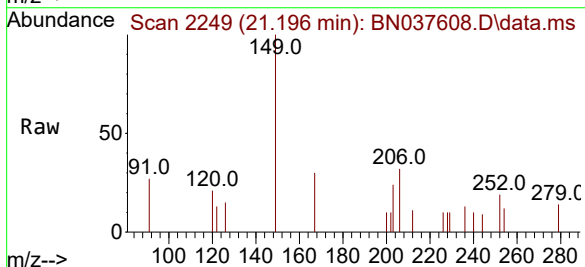
RT: 21.196 min Scan# 2249

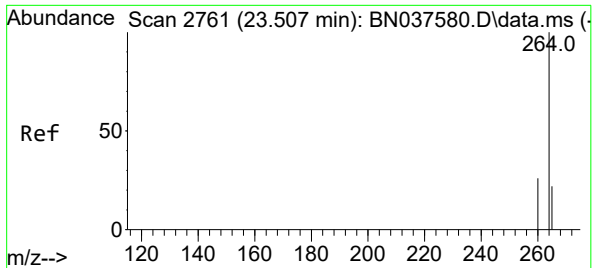
Delta R.T. -0.009 min

Lab File: BN037608.D

Acq: 19 Aug 2025 15:29

Tgt Ion:	149	Resp:	466
Ion Ratio	Lower	Upper	
149	100		
167	20.6	20.5	30.7
279	4.3	2.6	4.0





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.502 min Scan# 21

Delta R.T. -0.006 min

Lab File: BN037608.D

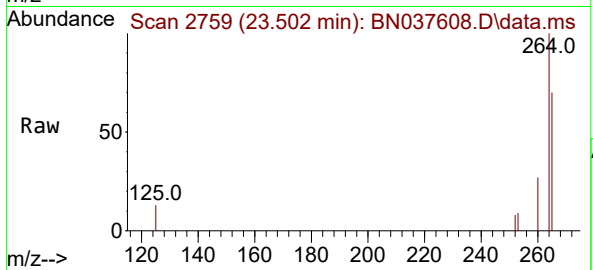
Acq: 19 Aug 2025 15:29

Instrument :

BNA_N

ClientSampleId :

MW-19B-71.5-081325



Tgt Ion:264 Resp: 4050

Ion Ratio Lower Upper

264 100

260 26.8 21.6 32.4

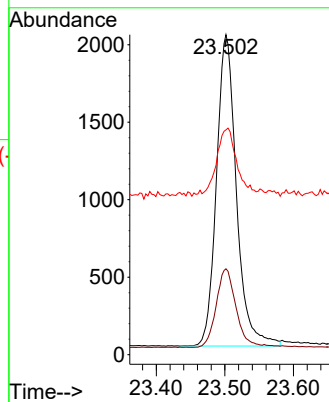
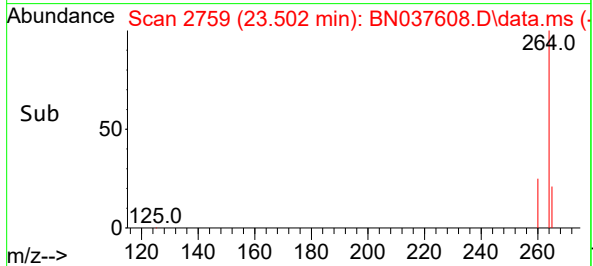
265 70.3 48.2 72.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/20/2025

Supervised By :Jagrut Upadhyay 08/20/2025



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081925\
 Data File : BN037622.D
 Acq On : 20 Aug 2025 06:38
 Operator : RC/JU
 Sample : Q2869-01DL 2X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-19B-71.5-081325DL

Quant Time: Aug 20 07:24:20 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 13 05:00:58 2025
 Response via : Initial Calibration

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

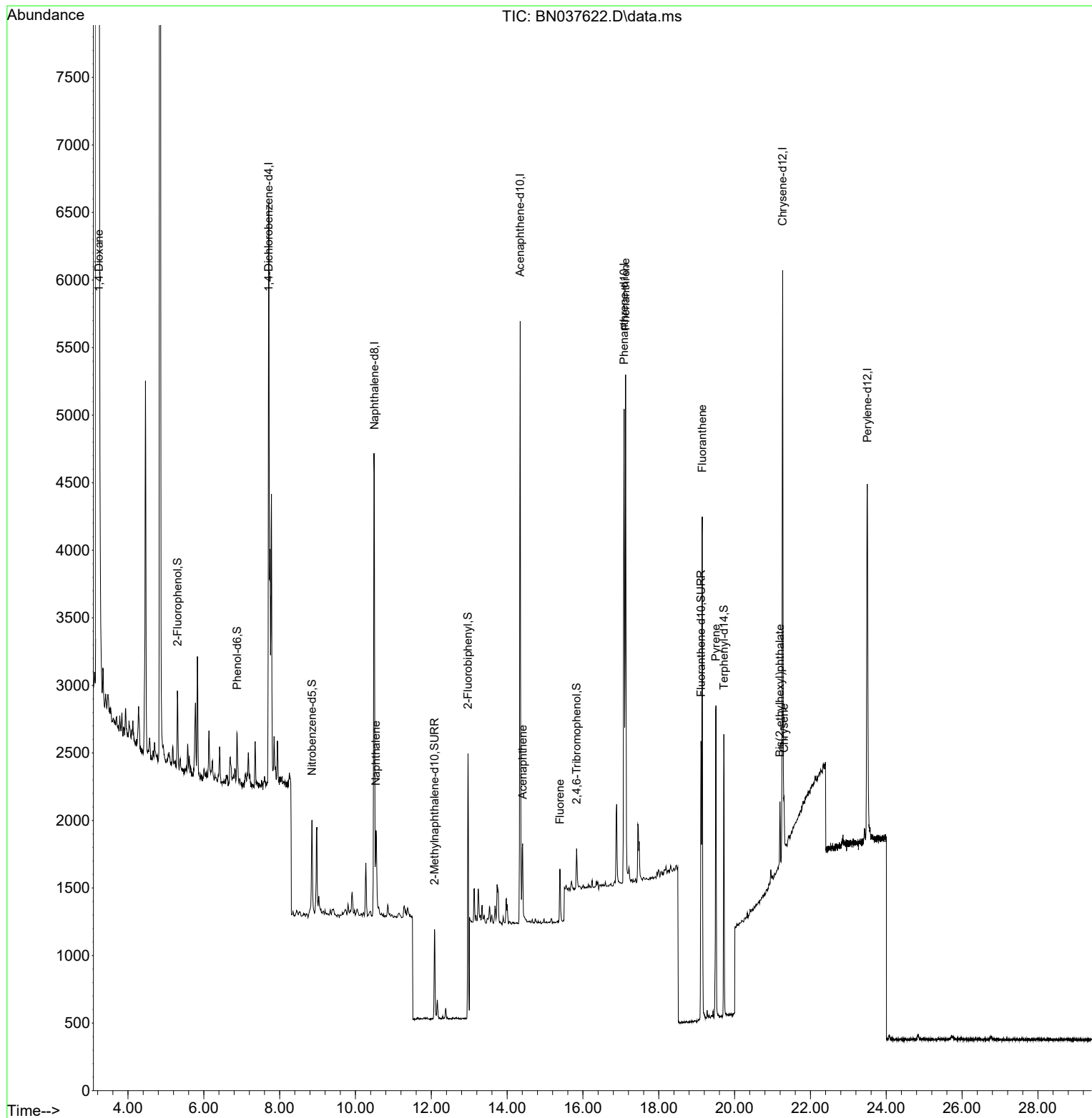
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	2126	0.400	ng	0.00
7) Naphthalene-d8	10.498	136	4898	0.400	ng	0.00
13) Acenaphthene-d10	14.345	164	2452	0.400	ng	0.00
19) Phenanthrene-d10	17.086	188	4999	0.400	ng	# 0.00
29) Chrysene-d12	21.268	240	4107	0.400	ng	# 0.00
35) Perylene-d12	23.502	264	3877	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.305	112	373	0.077	ng	0.00
5) Phenol-d6	6.879	99	248	0.043	ng	0.00
8) Nitrobenzene-d5	8.854	82	589	0.171	ng	0.00
11) 2-Methylnaphthalene-d10	12.085	152	968	0.145	ng	0.00
14) 2,4,6-Tribromophenol	15.833	330	191	0.178	ng	0.00
15) 2-Fluorobiphenyl	12.968	172	2522	0.178	ng	-0.01
27) Fluoranthene-d10	19.113	212	2294	0.174	ng	0.00
31) Terphenyl-d14	19.717	244	2024	0.240	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.232	88	5395	2.652	ng	97
9) Naphthalene	10.541	128	657	0.050	ng	# 80
17) Acenaphthene	14.409	154	290	0.039	ng	96
18) Fluorene	15.392	166	293	0.030	ng	92
25) Phenanthrene	17.124	178	3918	0.258	ng	99
28) Fluoranthene	19.146	202	3362	0.193	ng	99
30) Pyrene	19.508	202	2255	0.147	ng	# 93
33) Chrysene	21.304	228	372	0.024	ng	# 73
34) Bis(2-ethylhexyl)phtha...	21.196	149	469	0.083	ng	# 98

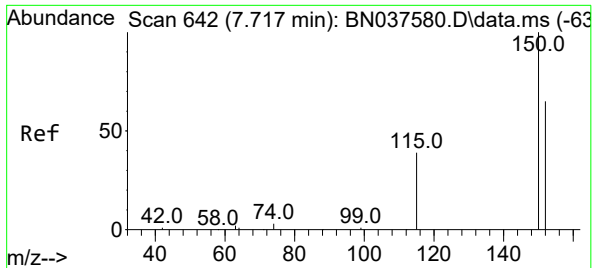
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081925\
Data File : BN037622.D
Acq On : 20 Aug 2025 06:38
Operator : RC/JU
Sample : Q2869-01DL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-19B-71.5-081325DL

Quant Time: Aug 20 07:24:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 13 05:00:58 2025
Response via : Initial Calibration

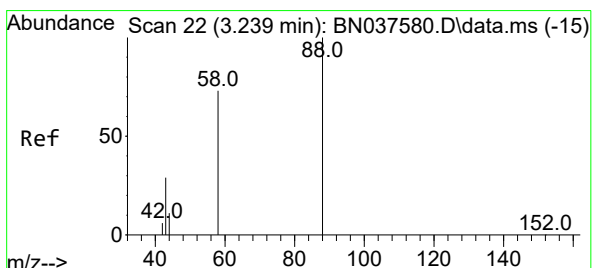
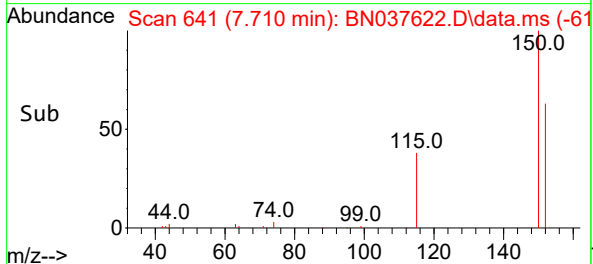
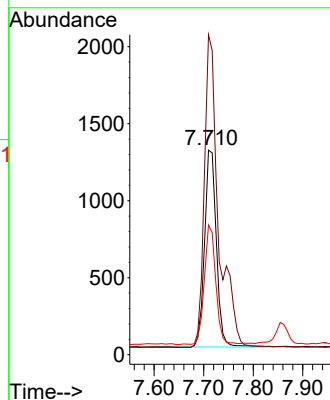
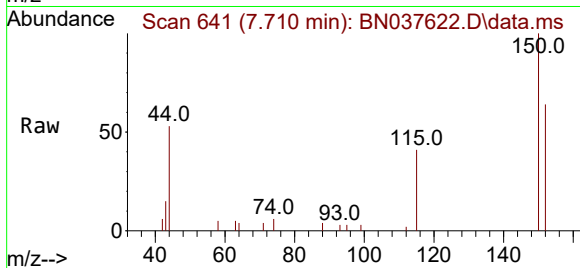




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.710 min Scan# 64
 Delta R.T. -0.007 min
 Lab File: BN037622.D
 Acq: 20 Aug 2025 06:38

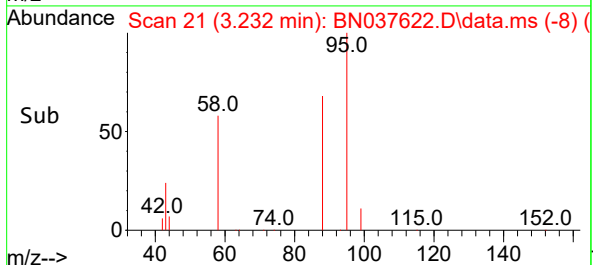
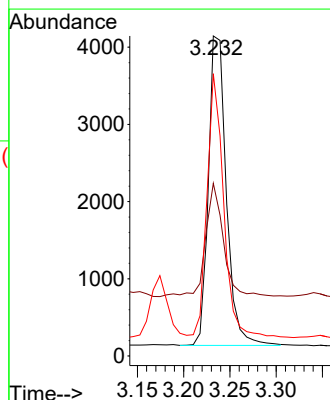
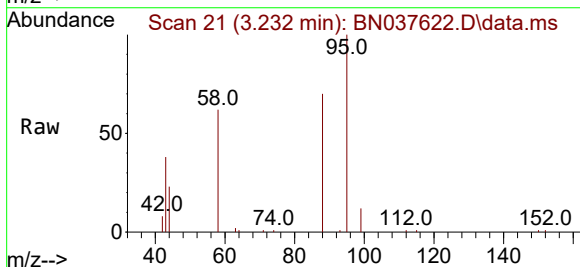
Instrument :
 BNA_N
 ClientSampleId :
 MW-19B-71.5-081325DL

Tgt Ion:152 Resp: 2126
 Ion Ratio Lower Upper
 152 100
 150 156.5 122.2 183.4
 115 63.5 49.8 74.6

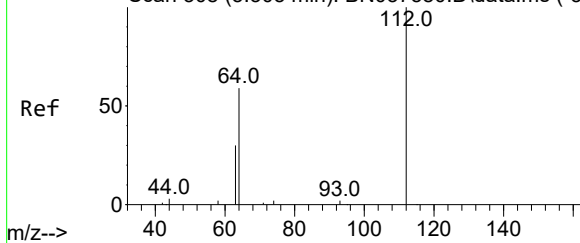


#2
 1,4-Dioxane
 Concen: 2.652 ng
 RT: 3.232 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BN037622.D
 Acq: 20 Aug 2025 06:38

Tgt Ion: 88 Resp: 5395
 Ion Ratio Lower Upper
 88 100
 43 36.0 25.8 38.6
 58 77.7 61.2 91.8



Abundance Scan 308 (5.305 min): BN037580.D\data.ms (-30



#4

2-Fluorophenol

Concen: 0.077 ng

RT: 5.305 min Scan# 308

Delta R.T. 0.000 min

Lab File: BN037622.D

Acq: 20 Aug 2025 06:38

Instrument :

BNA_N

ClientSampleId :

MW-19B-71.5-081325DL

Tgt Ion:112 Resp: 373

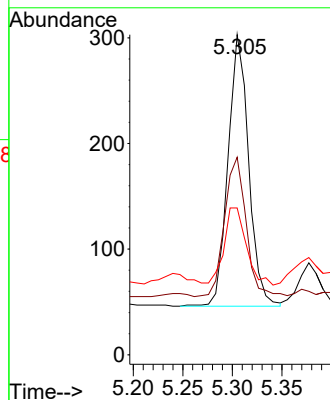
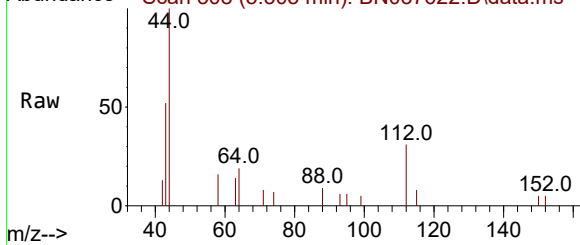
Ion Ratio Lower Upper

112 100

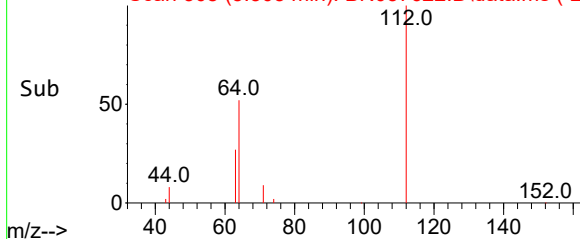
64 53.6 44.9 67.3

63 30.6 23.4 35.2

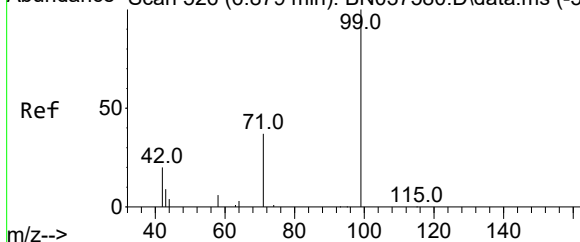
Abundance Scan 308 (5.305 min): BN037622.D\data.ms



Abundance Scan 308 (5.305 min): BN037622.D\data.ms (-28



Abundance Scan 526 (6.879 min): BN037580.D\data.ms (-51



#5

Phenol-d6

Concen: 0.043 ng

RT: 6.879 min Scan# 526

Delta R.T. 0.000 min

Lab File: BN037622.D

Acq: 20 Aug 2025 06:38

Tgt Ion: 99 Resp: 248

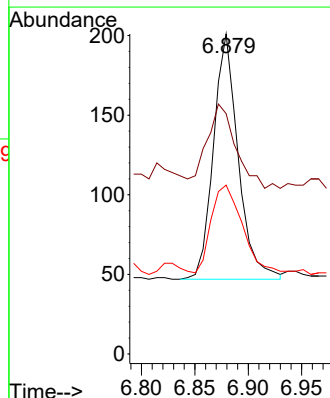
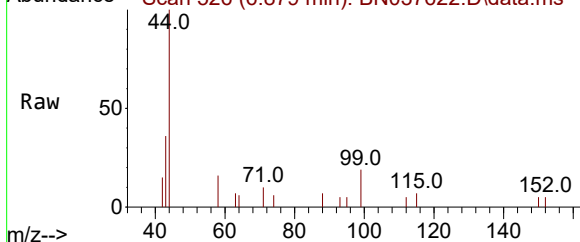
Ion Ratio Lower Upper

99 100

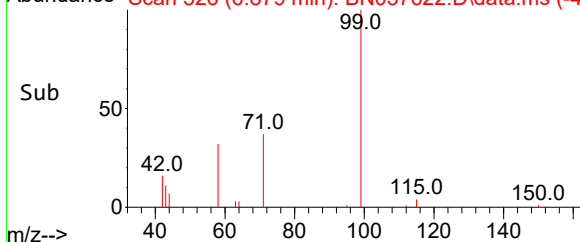
42 40.7 18.5 27.7#

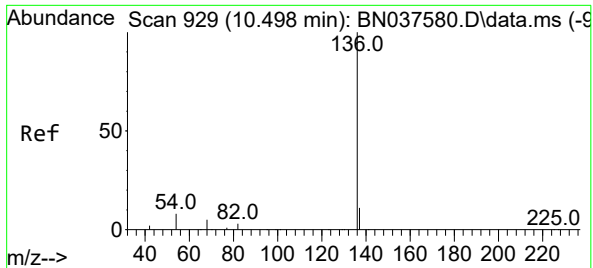
71 51.2 28.6 42.8#

Abundance Scan 526 (6.879 min): BN037622.D\data.ms



Abundance Scan 526 (6.879 min): BN037622.D\data.ms (-49

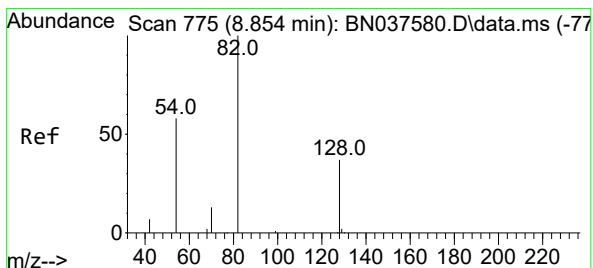
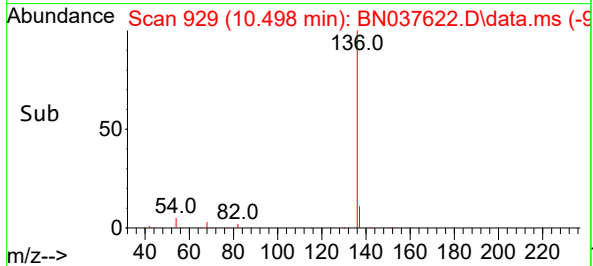
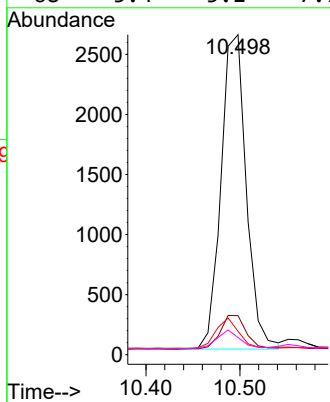
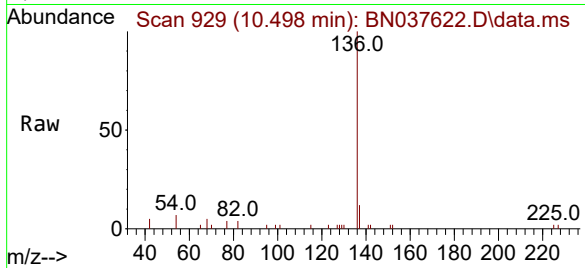




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.498 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN037622.D
Acq: 20 Aug 2025 06:38

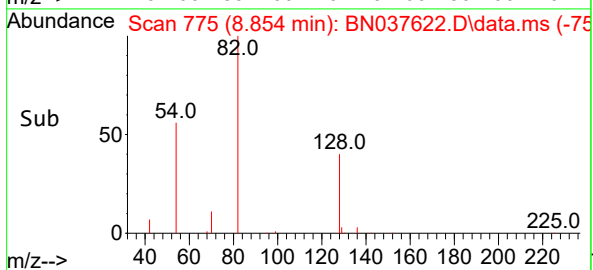
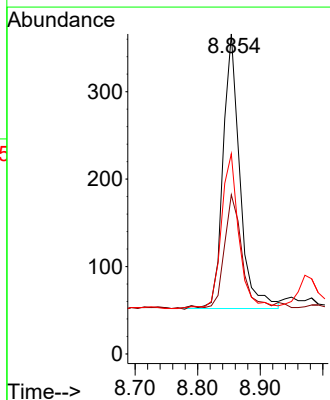
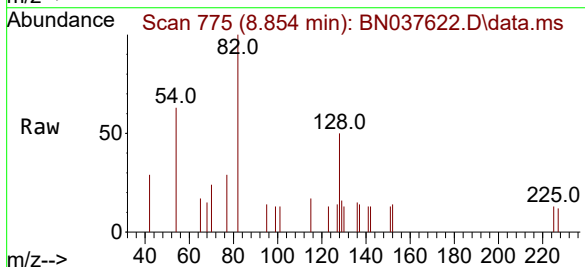
Instrument :
BNA_N
ClientSampleId :
MW-19B-71.5-081325DL

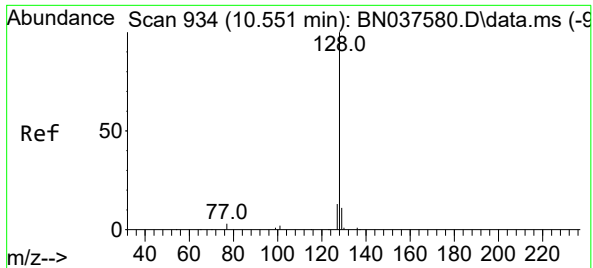
Tgt Ion:	136	Resp:	4898
Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.5	14.3
54	7.3	7.3	10.9
68	5.4	5.1	7.7



#8
Nitrobenzene-d5
Concen: 0.171 ng
RT: 8.854 min Scan# 775
Delta R.T. 0.000 min
Lab File: BN037622.D
Acq: 20 Aug 2025 06:38

Tgt Ion:	82	Resp:	589
Ion	Ratio	Lower	Upper
82	100		
128	49.7	32.6	48.8#
54	62.6	48.9	73.3





#9

Naphthalene

Concen: 0.050 ng

RT: 10.541 min Scan# 91

Delta R.T. -0.011 min

Lab File: BN037622.D

Acq: 20 Aug 2025 06:38

Instrument :

BNA_N

ClientSampleId :

MW-19B-71.5-081325DL

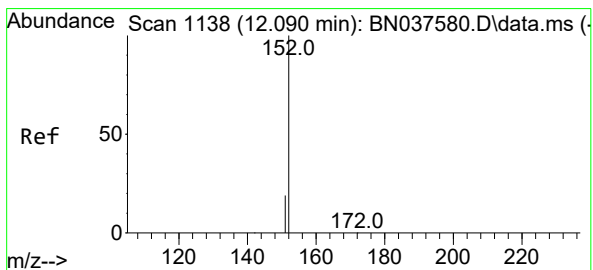
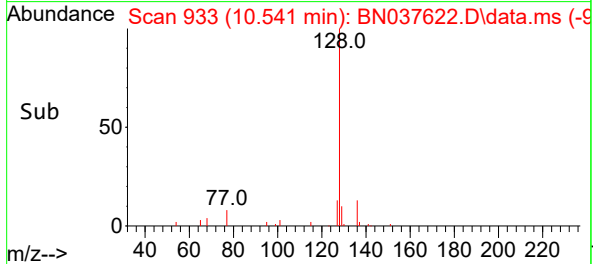
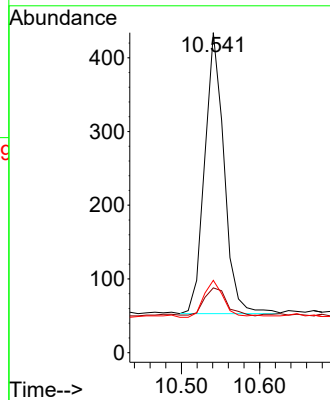
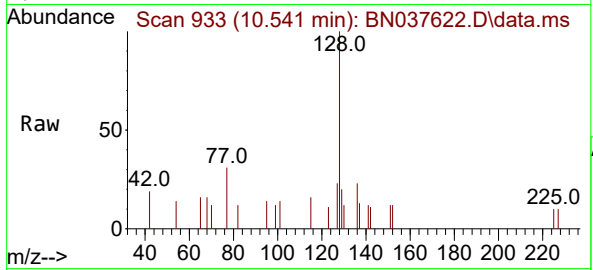
Tgt Ion:128 Resp: 657

Ion Ratio Lower Upper

128 100

129 20.3 9.8 14.6#

127 22.6 11.5 17.3#



#11

2-Methylnaphthalene-d10

Concen: 0.145 ng

RT: 12.085 min Scan# 1137

Delta R.T. -0.005 min

Lab File: BN037622.D

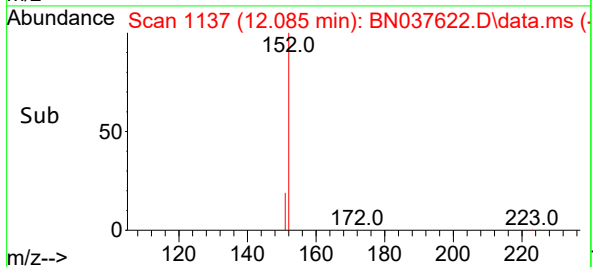
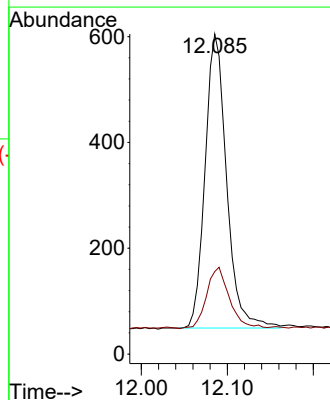
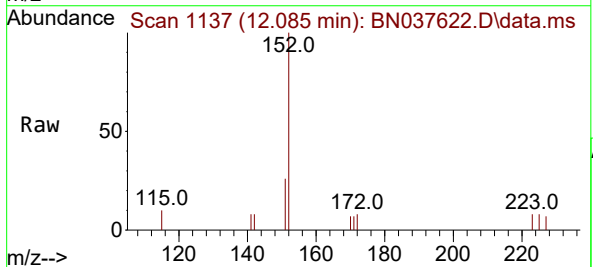
Acq: 20 Aug 2025 06:38

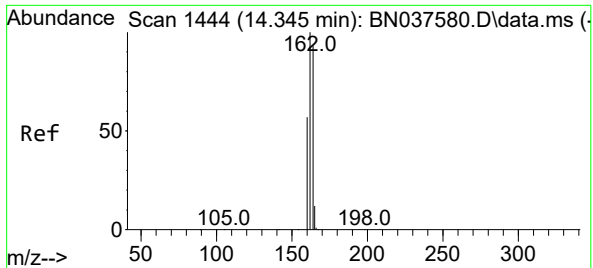
Tgt Ion:152 Resp: 968

Ion Ratio Lower Upper

152 100

151 22.2 17.3 25.9

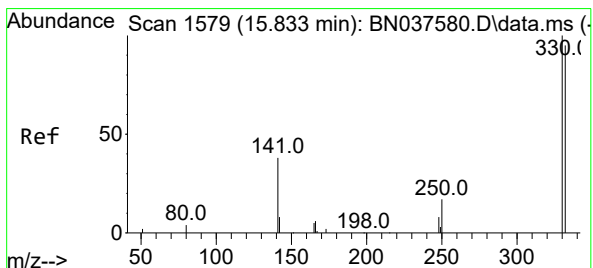
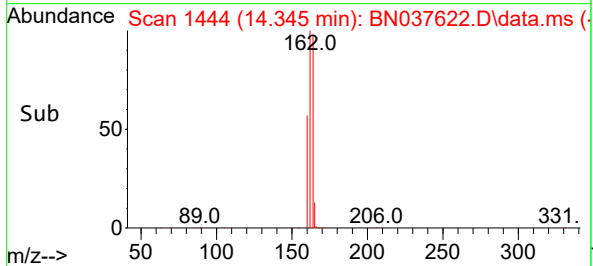
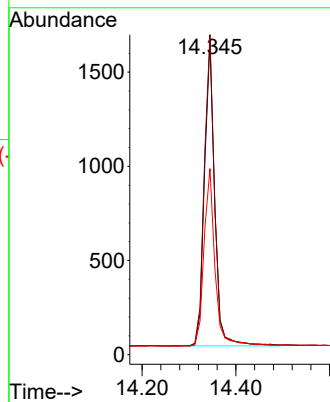
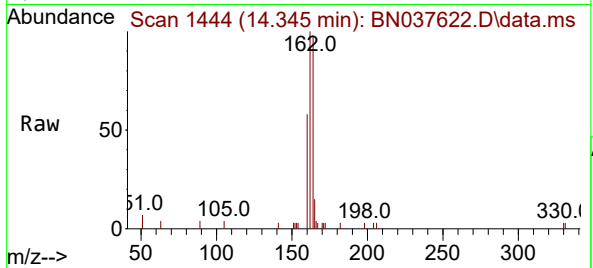




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.345 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BN037622.D
Acq: 20 Aug 2025 06:38

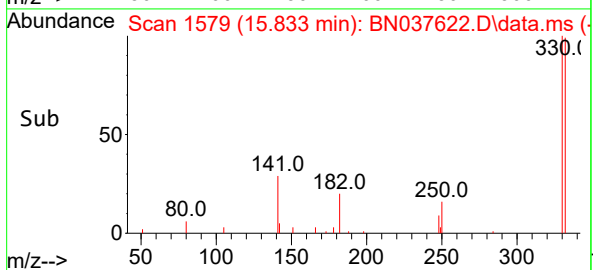
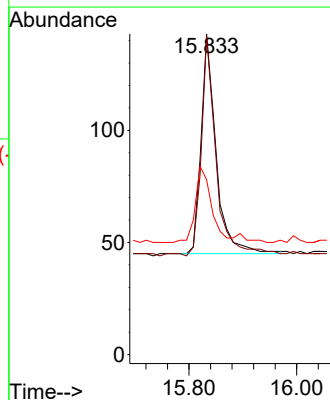
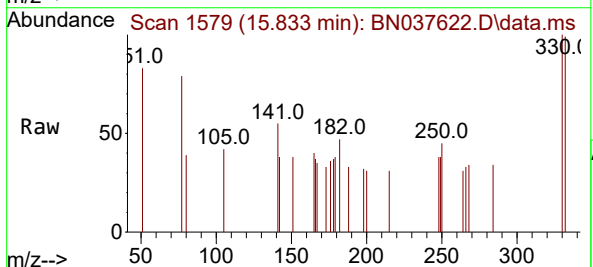
Instrument :
BNA_N
ClientSampleId :
MW-19B-71.5-081325DL

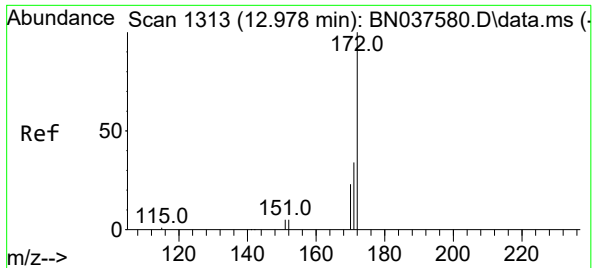
Tgt Ion:164 Resp: 2452
Ion Ratio Lower Upper
164 100
162 102.0 85.5 128.3
160 59.3 49.5 74.3



#14
2,4,6-Tribromophenol
Concen: 0.178 ng
RT: 15.833 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BN037622.D
Acq: 20 Aug 2025 06:38

Tgt Ion:330 Resp: 191
Ion Ratio Lower Upper
330 100
332 100.0 77.4 116.0
141 37.2 30.9 46.3

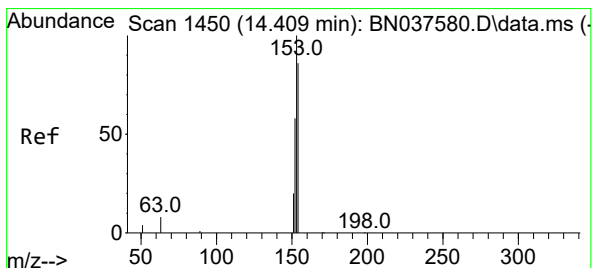
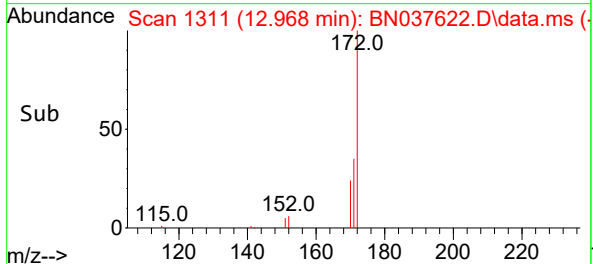
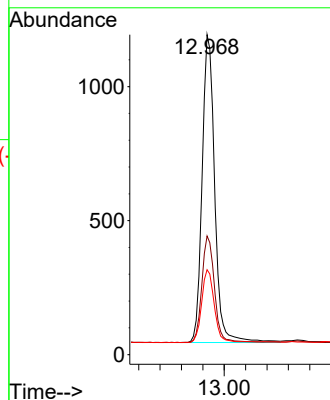
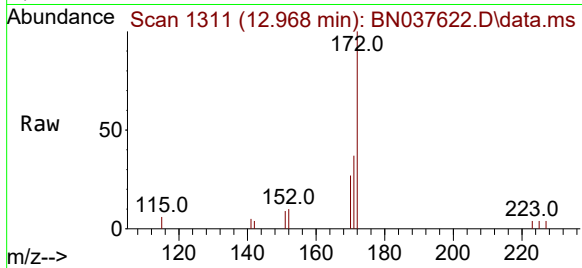




#15
2-Fluorobiphenyl
Concen: 0.178 ng
RT: 12.968 min Scan# 1311
Delta R.T. -0.010 min
Lab File: BN037622.D
Acq: 20 Aug 2025 06:38

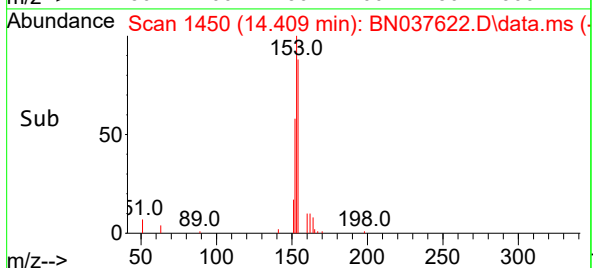
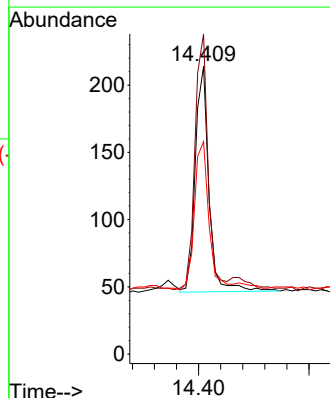
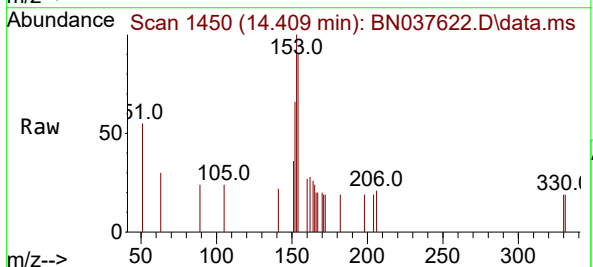
Instrument :
BNA_N
ClientSampleId :
MW-19B-71.5-081325DL

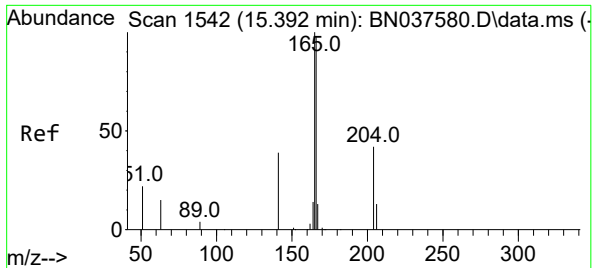
Tgt Ion:	172	Resp:	2522
Ion	Ratio	Lower	Upper
172	100		
171	37.1	28.2	42.4
170	26.5	19.2	28.8



#17
Acenaphthene
Concen: 0.039 ng
RT: 14.409 min Scan# 1450
Delta R.T. 0.000 min
Lab File: BN037622.D
Acq: 20 Aug 2025 06:38

Tgt Ion:	154	Resp:	290
Ion	Ratio	Lower	Upper
154	100		
153	108.3	90.6	135.8
152	66.6	54.9	82.3

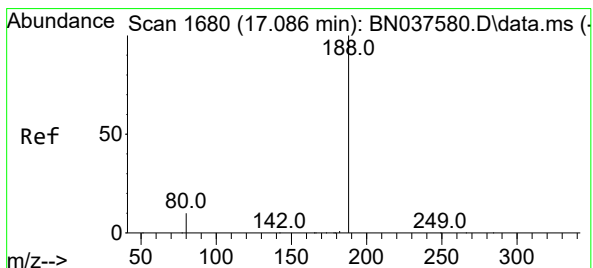
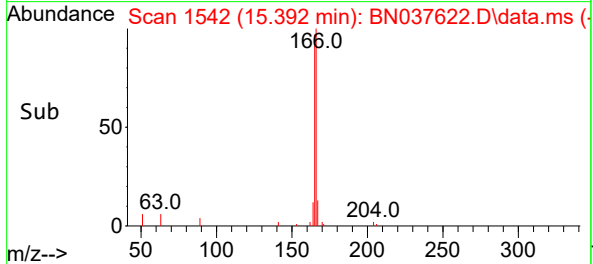
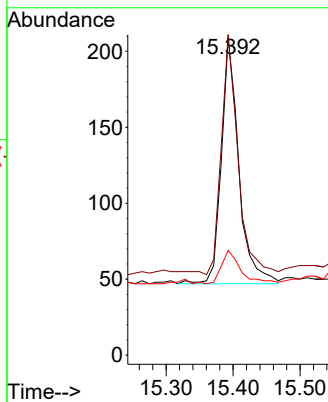
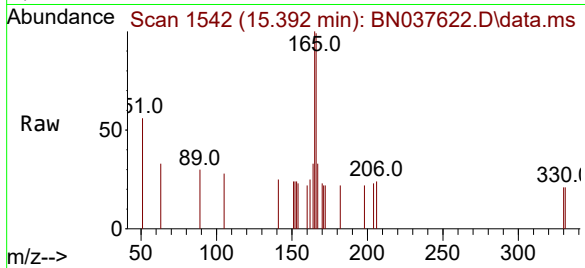




#18
Fluorene
Concen: 0.030 ng
RT: 15.392 min Scan# 1542
Delta R.T. 0.000 min
Lab File: BN037622.D
Acq: 20 Aug 2025 06:38

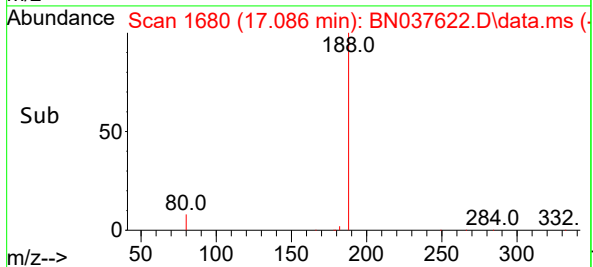
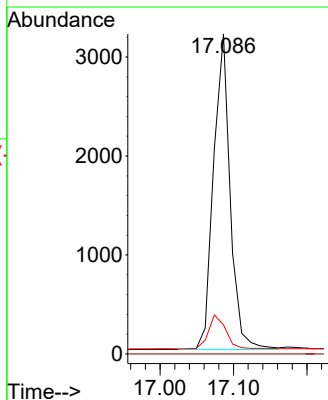
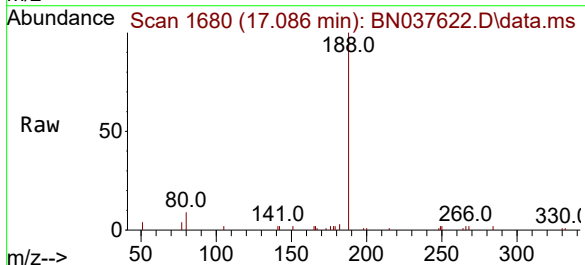
Instrument :
BNA_N
ClientSampleId :
MW-19B-71.5-081325DL

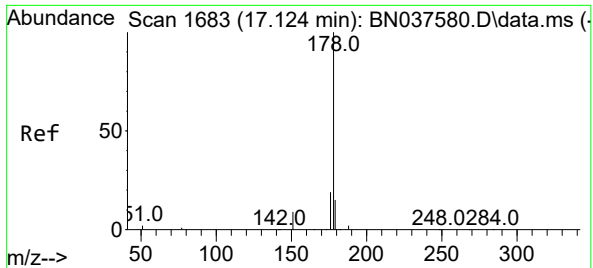
Tgt Ion	Ratio	Lower	Upper
166	100		
165	89.8	78.9	118.3
167	15.0	10.7	16.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.086 min Scan# 1680
Delta R.T. 0.000 min
Lab File: BN037622.D
Acq: 20 Aug 2025 06:38

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.1	9.1	13.7

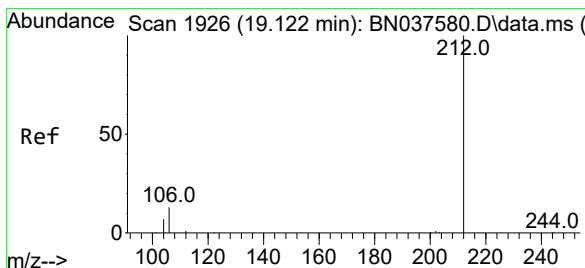
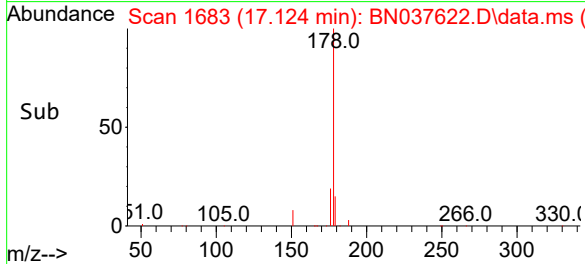
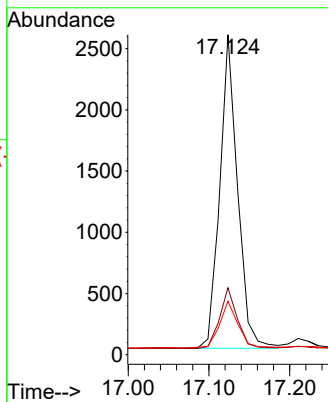
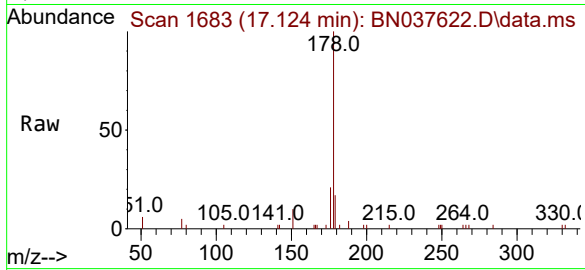




#25
Phenanthrene
Concen: 0.258 ng
RT: 17.124 min Scan# 1683
Delta R.T. 0.000 min
Lab File: BN037622.D
Acq: 20 Aug 2025 06:38

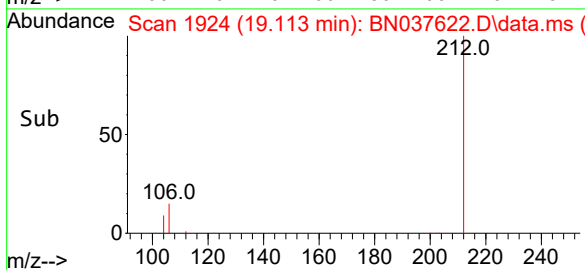
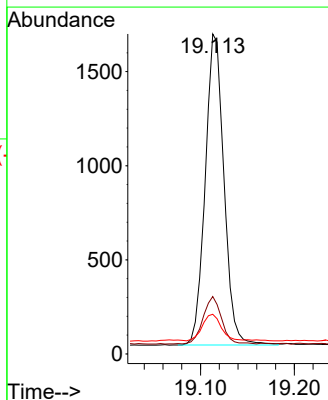
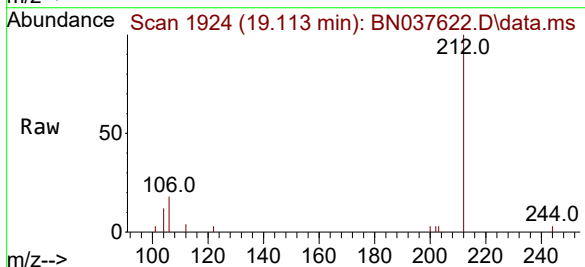
Instrument :
BNA_N
ClientSampleId :
MW-19B-71.5-081325DL

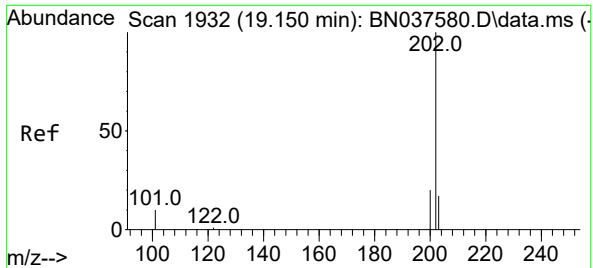
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.0	22.6
179	16.1	12.3	18.5



#27
Fluoranthene-d10
Concen: 0.174 ng
RT: 19.113 min Scan# 1924
Delta R.T. -0.009 min
Lab File: BN037622.D
Acq: 20 Aug 2025 06:38

Tgt Ion	Ratio	Lower	Upper
212	100		
106	14.8	11.5	17.3
104	9.5	6.6	9.8

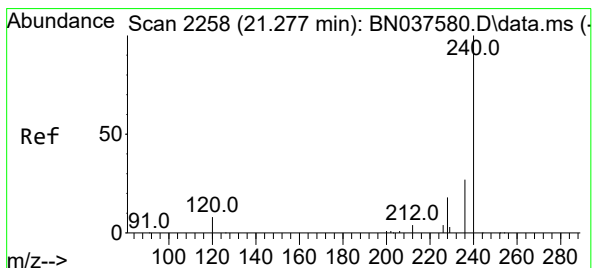
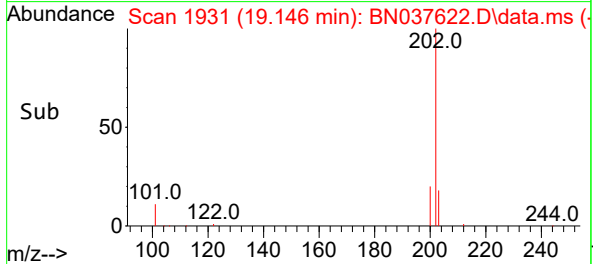
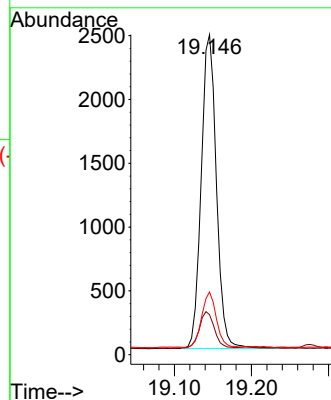
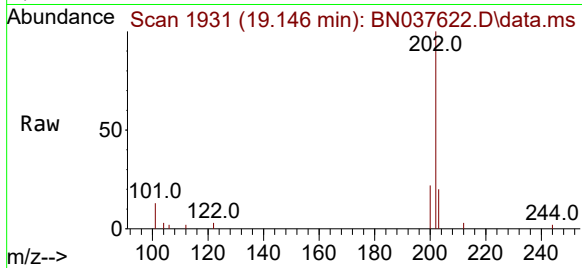




#28
Fluoranthene
Concen: 0.193 ng
RT: 19.146 min Scan# 1931
Delta R.T. -0.005 min
Lab File: BN037622.D
Acq: 20 Aug 2025 06:38

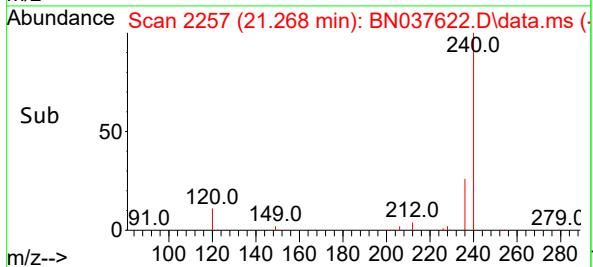
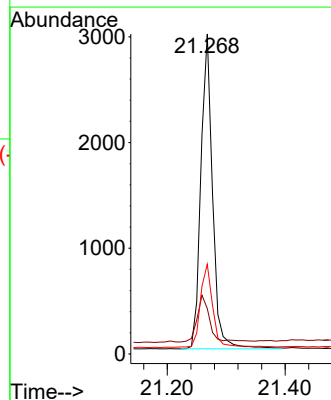
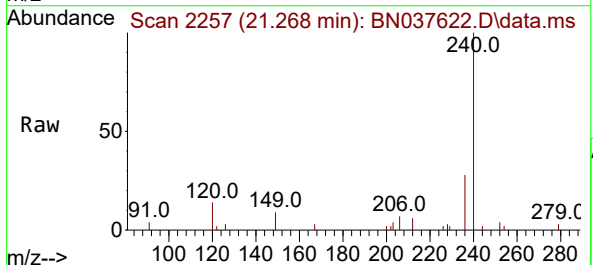
Instrument :
BNA_N
ClientSampleId :
MW-19B-71.5-081325DL

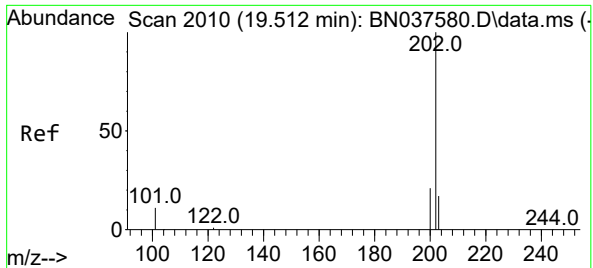
Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.6	9.0	13.6
203	16.9	13.8	20.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.268 min Scan# 2257
Delta R.T. -0.009 min
Lab File: BN037622.D
Acq: 20 Aug 2025 06:38

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.2	8.9	13.3
236	28.0	22.6	33.8

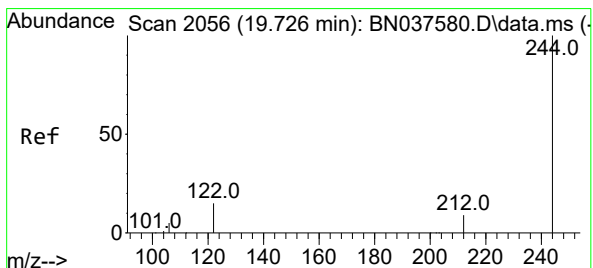
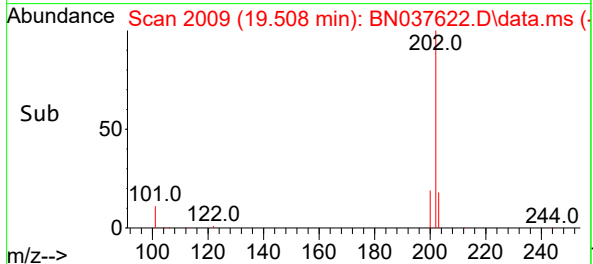
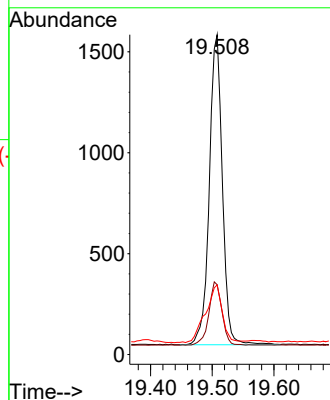
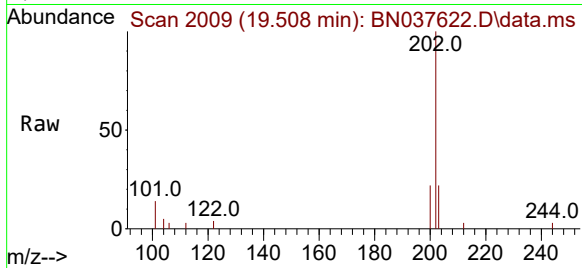




#30
Pyrene
Concen: 0.147 ng
RT: 19.508 min Scan# 2010
Delta R.T. -0.005 min
Lab File: BN037622.D
Acq: 20 Aug 2025 06:38

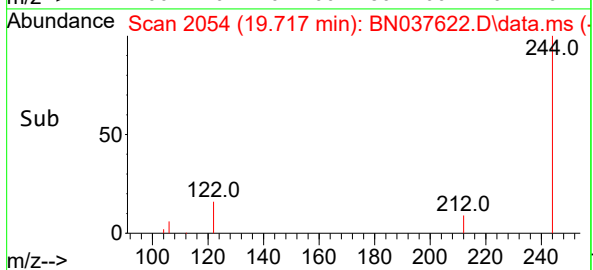
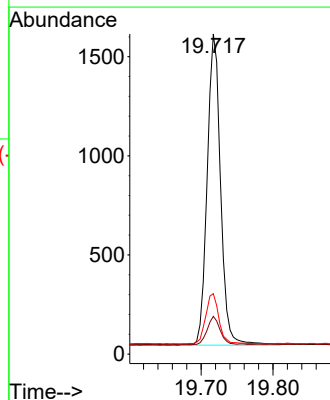
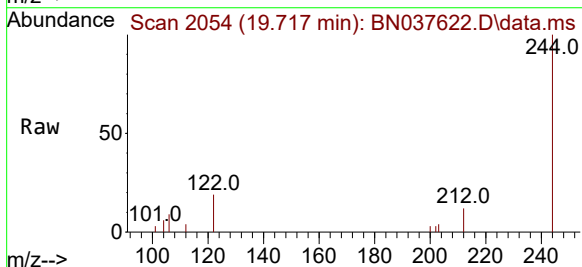
Instrument :
BNA_N
ClientSampleId :
MW-19B-71.5-081325DL

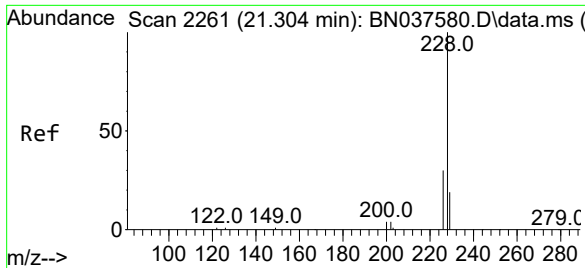
Tgt Ion:202 Resp: 2255
Ion Ratio Lower Upper
202 100
200 20.3 16.6 25.0
203 24.1 14.3 21.5#



#31
Terphenyl-d14
Concen: 0.240 ng
RT: 19.717 min Scan# 2054
Delta R.T. -0.009 min
Lab File: BN037622.D
Acq: 20 Aug 2025 06:38

Tgt Ion:244 Resp: 2024
Ion Ratio Lower Upper
244 100
212 11.8 8.2 12.2
122 18.9 13.2 19.8





#33

Chrysene

Concen: 0.024 ng

RT: 21.304 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN037622.D

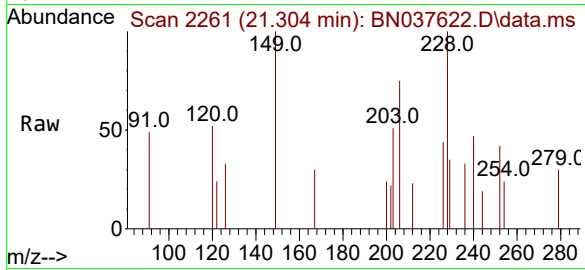
Acq: 20 Aug 2025 06:38

Instrument :

BNA_N

ClientSampleId :

MW-19B-71.5-081325DL



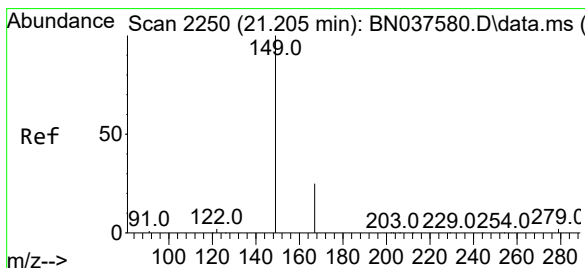
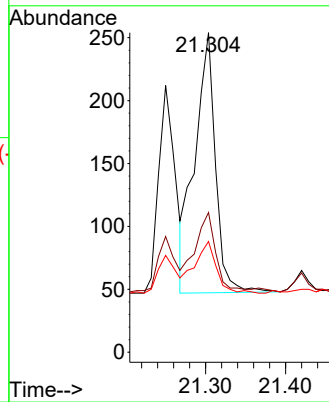
Tgt Ion:228 Resp: 372

Ion Ratio Lower Upper

228 100

226 43.7 24.9 37.3#

229 34.6 15.8 23.8#



#34

Bis(2-ethylhexyl)phthalate

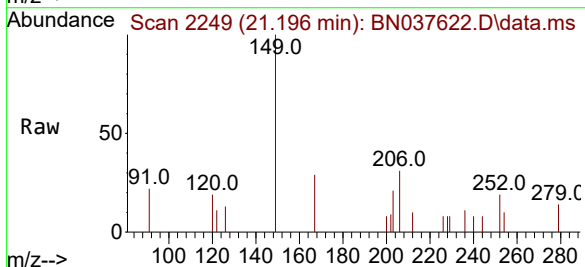
Concen: 0.083 ng

RT: 21.196 min Scan# 2249

Delta R.T. -0.009 min

Lab File: BN037622.D

Acq: 20 Aug 2025 06:38



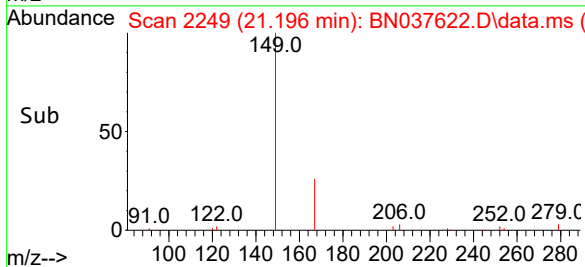
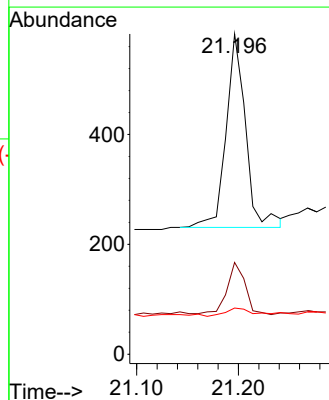
Tgt Ion:149 Resp: 469

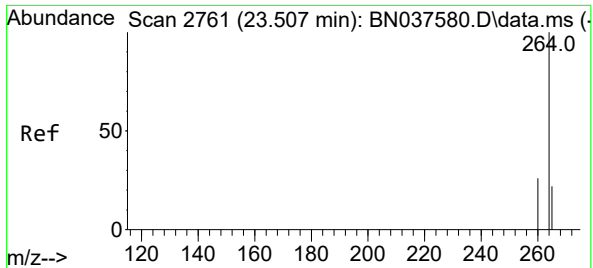
Ion Ratio Lower Upper

149 100

167 25.2 20.5 30.7

279 6.2 2.6 4.0#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.502 min Scan# 21

Delta R.T. -0.006 min

Lab File: BN037622.D

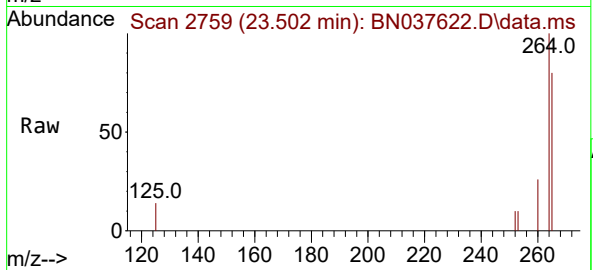
Acq: 20 Aug 2025 06:38

Instrument :

BNA_N

ClientSampleId :

MW-19B-71.5-081325DL



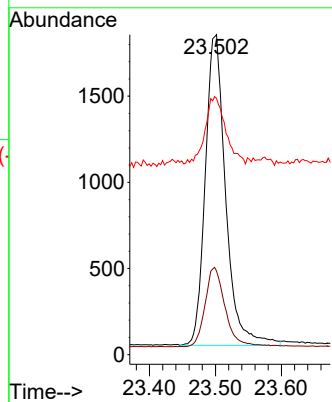
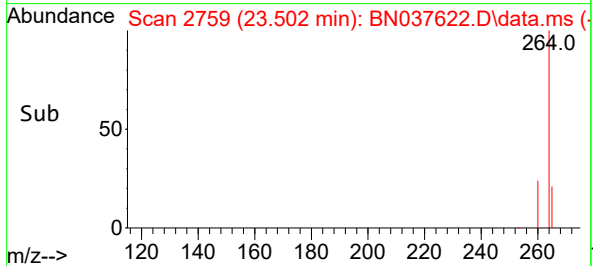
Tgt Ion:264 Resp: 3877

Ion Ratio Lower Upper

264 100

260 26.1 21.6 32.4

265 80.1 48.2 72.4#



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081925\
 Data File : BN037609.D
 Acq On : 19 Aug 2025 16:05
 Operator : RC/JU
 Sample : Q2869-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-01-6.5-081325

Quant Time: Aug 20 01:27:13 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 13 05:00:58 2025
 Response via : Initial Calibration

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

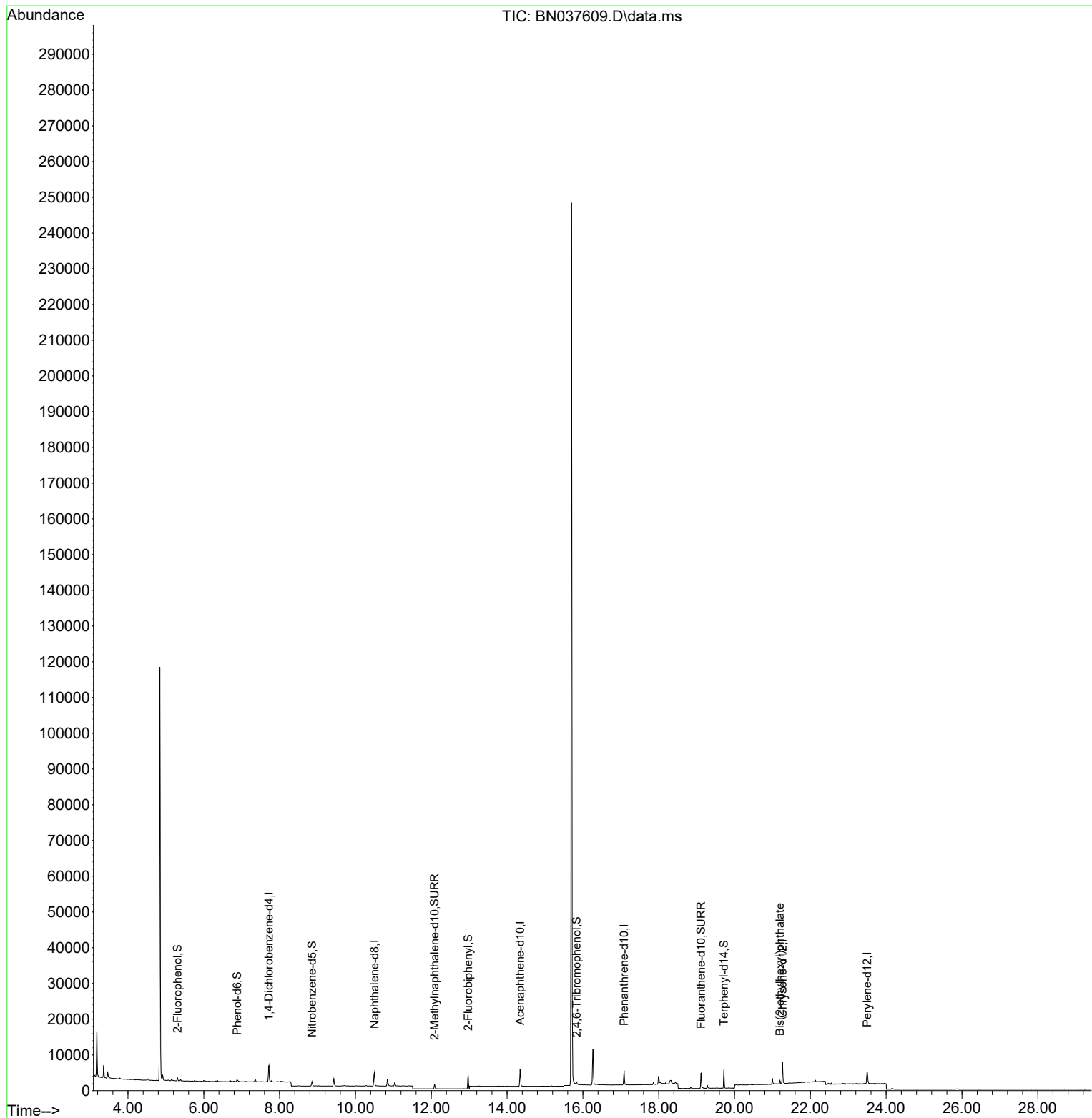
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	2151	0.400	ng	0.00
7) Naphthalene-d8	10.498	136	5200	0.400	ng	0.00
13) Acenaphthene-d10	14.345	164	2532	0.400	ng	0.00
19) Phenanthrene-d10	17.086	188	5354	0.400	ng	0.00
29) Chrysene-d12	21.268	240	5202	0.400	ng	0.00
35) Perylene-d12	23.502	264	4969	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.305	112	653	0.134	ng	0.00
5) Phenol-d6	6.879	99	484	0.082	ng	0.00
8) Nitrobenzene-d5	8.854	82	985	0.269	ng	0.00
11) 2-Methylnaphthalene-d10	12.086	152	1652	0.234	ng	0.00
14) 2,4,6-Tribromophenol	15.833	330	370	0.334	ng	0.00
15) 2-Fluorobiphenyl	12.973	172	4640	0.317	ng	0.00
27) Fluoranthene-d10	19.118	212	4767	0.338	ng	0.00
31) Terphenyl-d14	19.722	244	4803	0.449	ng	0.00
Target Compounds						Qvalue
34) Bis(2-ethylhexyl)phtha...	21.196	149	929	0.130	ng	99

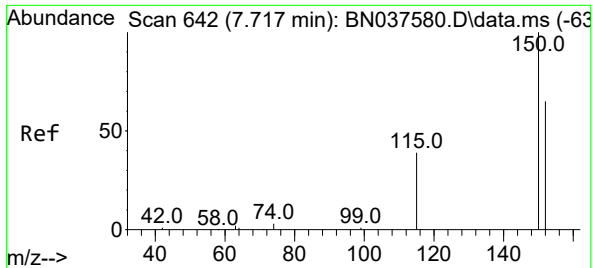
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081925\
Data File : BN037609.D
Acq On : 19 Aug 2025 16:05
Operator : RC/JU
Sample : Q2869-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-01-6.5-081325

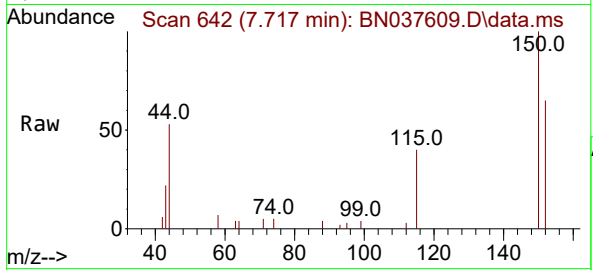
Quant Time: Aug 20 01:27:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 13 05:00:58 2025
Response via : Initial Calibration



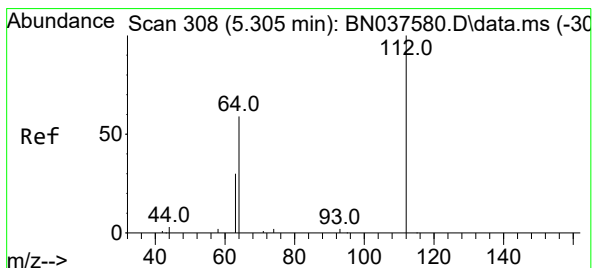
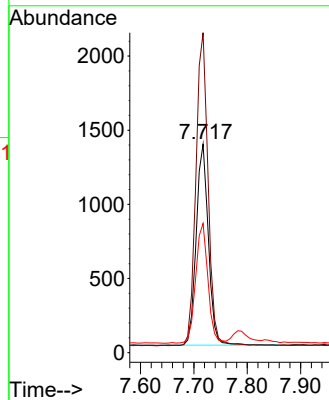
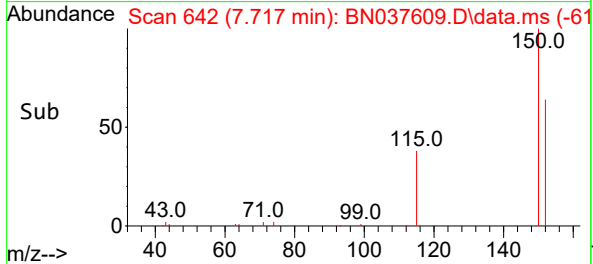


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.717 min Scan# 642
Delta R.T. 0.000 min
Lab File: BN037609.D
Acq: 19 Aug 2025 16:05

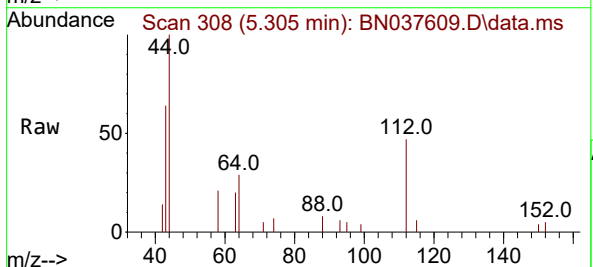
Instrument :
BNA_N
ClientSampleId :
MW-01-6.5-081325



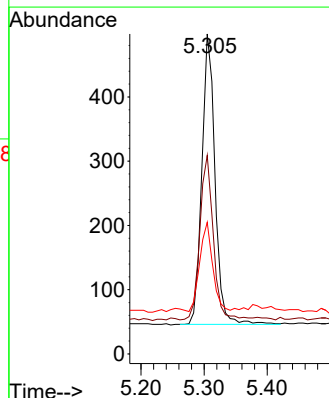
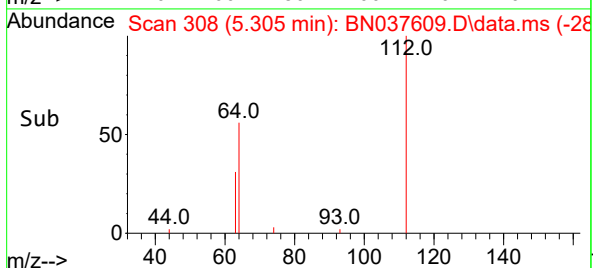
Tgt Ion:152 Resp: 2151
Ion Ratio Lower Upper
152 100
150 153.5 122.2 183.4
115 62.0 49.8 74.6

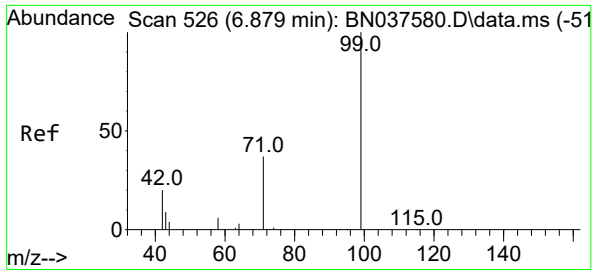


#4
2-Fluorophenol
Concen: 0.134 ng
RT: 5.305 min Scan# 308
Delta R.T. 0.000 min
Lab File: BN037609.D
Acq: 19 Aug 2025 16:05



Tgt Ion:112 Resp: 653
Ion Ratio Lower Upper
112 100
64 58.2 44.9 67.3
63 30.3 23.4 35.2

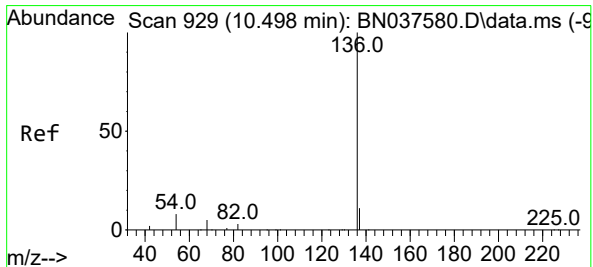
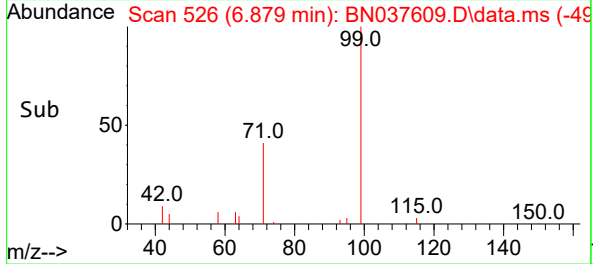
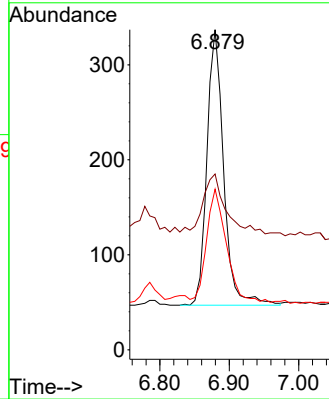
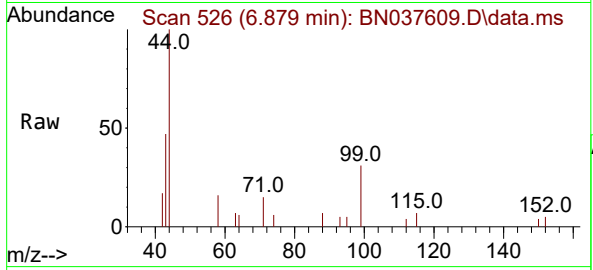




#5
Phenol-d6
Concen: 0.082 ng
RT: 6.879 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN037609.D
Acq: 19 Aug 2025 16:05

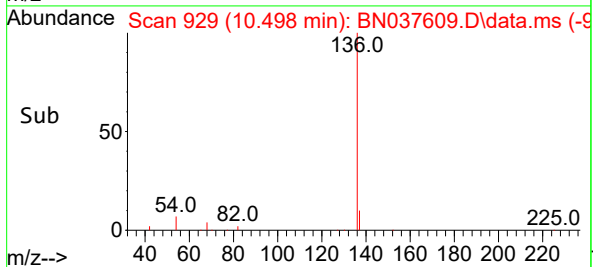
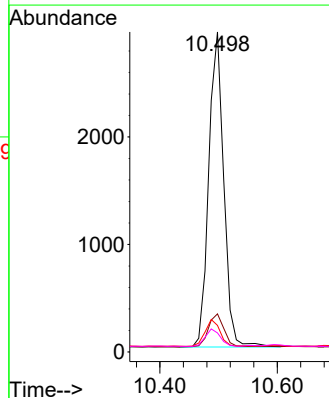
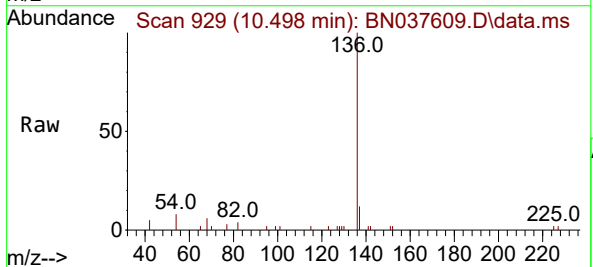
Instrument :
BNA_N
ClientSampleId :
MW-01-6.5-081325

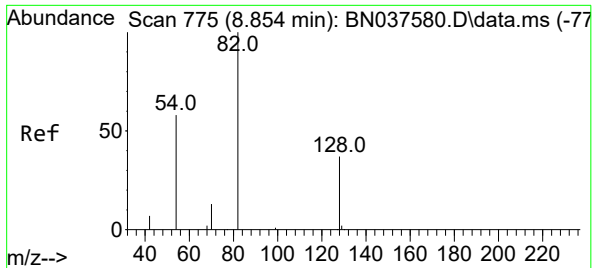
Tgt Ion: 99 Resp: 484
Ion Ratio Lower Upper
99 100
42 32.2 18.5 27.7#
71 47.1 28.6 42.8#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.498 min Scan# 929
Delta R.T. 0.000 min
Lab File: BN037609.D
Acq: 19 Aug 2025 16:05

Tgt Ion: 136 Resp: 5200
Ion Ratio Lower Upper
136 100
137 11.9 9.5 14.3
54 8.3 7.3 10.9
68 5.9 5.1 7.7

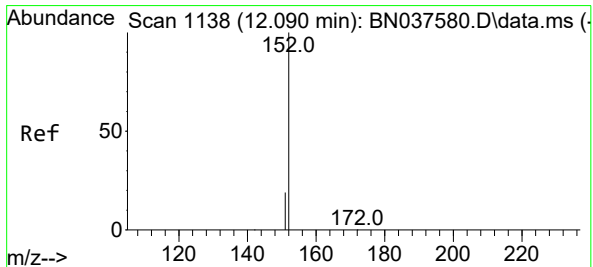
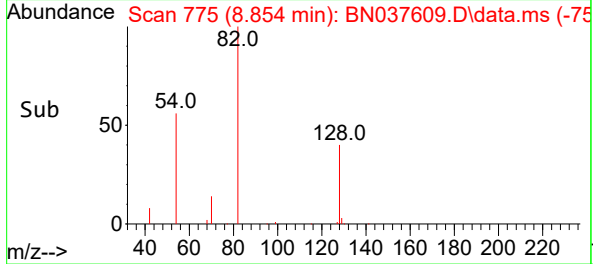
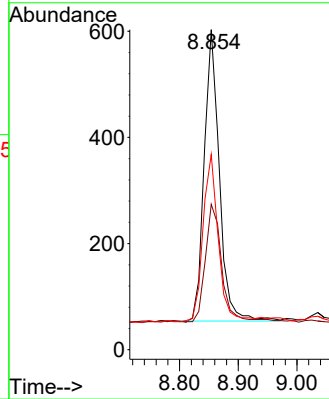
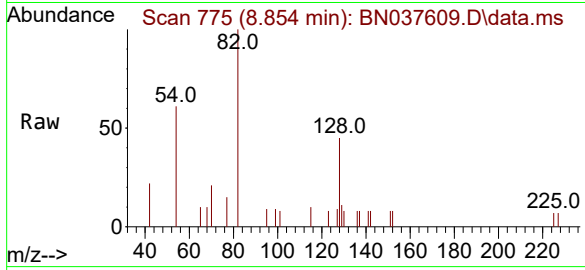




#8
Nitrobenzene-d5
Concen: 0.269 ng
RT: 8.854 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN037609.D
Acq: 19 Aug 2025 16:05

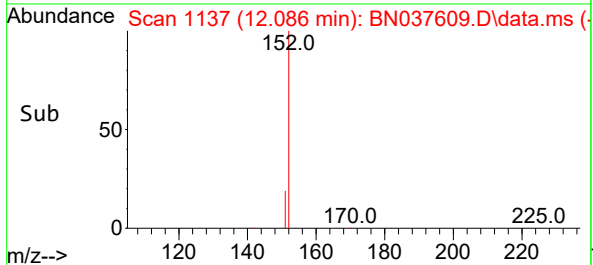
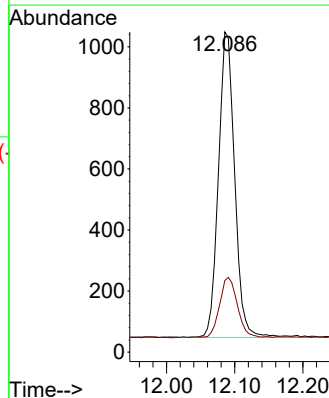
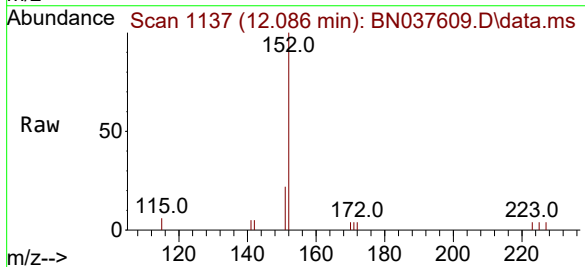
Instrument :
BNA_N
ClientSampleId :
MW-01-6.5-081325

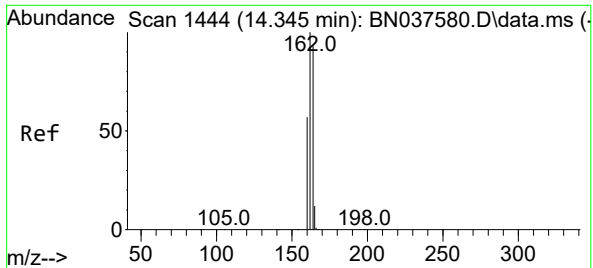
Tgt Ion:	82	Resp:	985
Ion	Ratio	Lower	Upper
82	100		
128	45.4	32.6	48.8
54	61.0	48.9	73.3



#11
2-Methylnaphthalene-d10
Concen: 0.234 ng
RT: 12.086 min Scan# 1137
Delta R.T. -0.005 min
Lab File: BN037609.D
Acq: 19 Aug 2025 16:05

Tgt Ion:	152	Resp:	1652
Ion	Ratio	Lower	Upper
152	100		
151	21.6	17.3	25.9

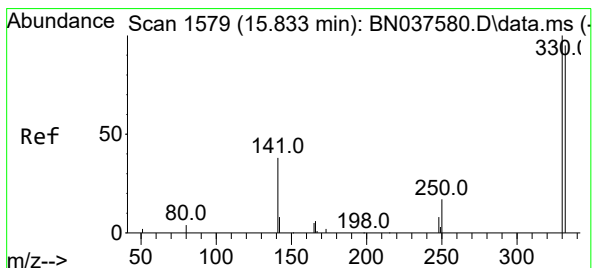
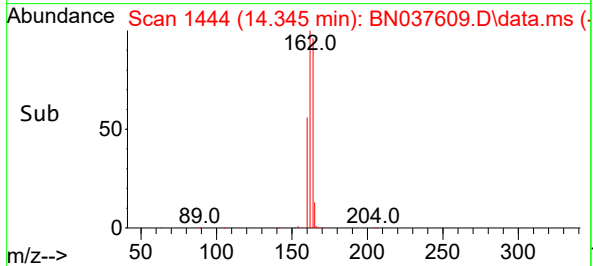
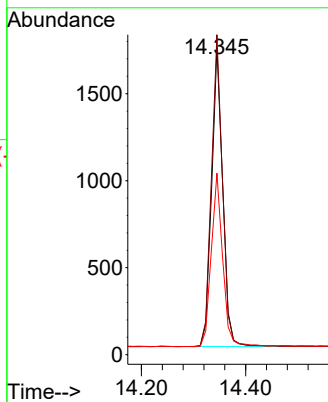
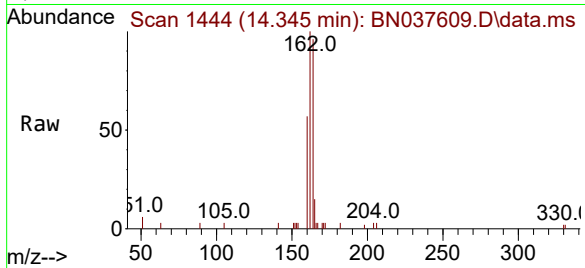




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.345 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BN037609.D
Acq: 19 Aug 2025 16:05

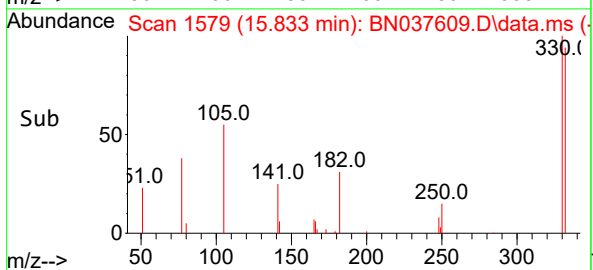
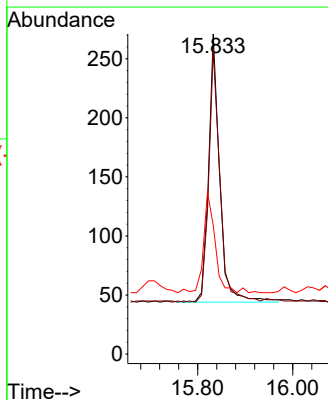
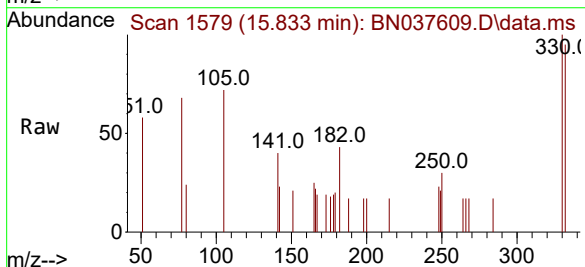
Instrument :
BNA_N
ClientSampleId :
MW-01-6.5-081325

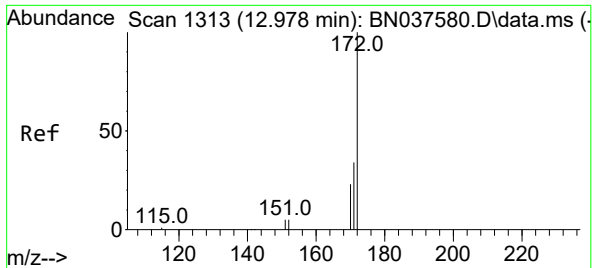
Tgt Ion:164 Resp: 2532
Ion Ratio Lower Upper
164 100
162 104.2 85.5 128.3
160 59.1 49.5 74.3



#14
2,4,6-Tribromophenol
Concen: 0.334 ng
RT: 15.833 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BN037609.D
Acq: 19 Aug 2025 16:05

Tgt Ion:330 Resp: 370
Ion Ratio Lower Upper
330 100
332 94.3 77.4 116.0
141 38.1 30.9 46.3

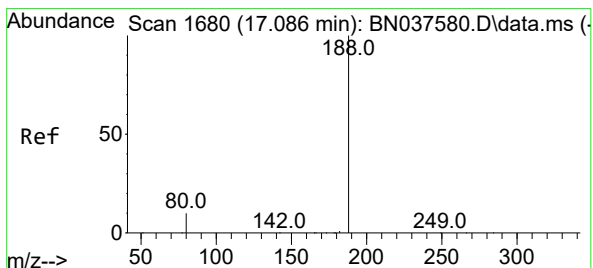
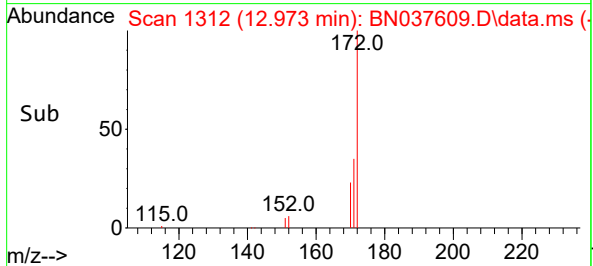
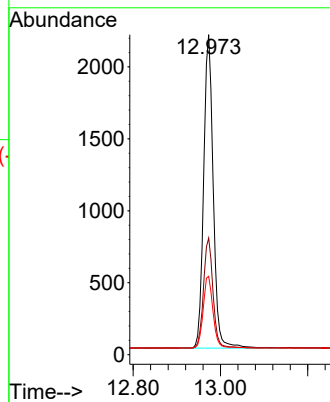
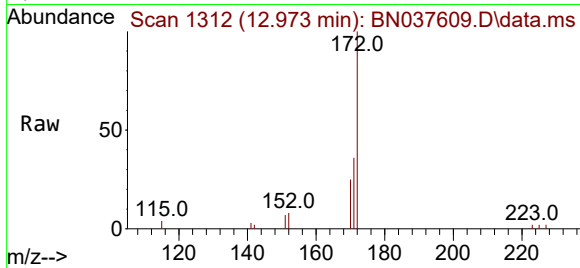




#15
2-Fluorobiphenyl
Concen: 0.317 ng
RT: 12.973 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN037609.D
Acq: 19 Aug 2025 16:05

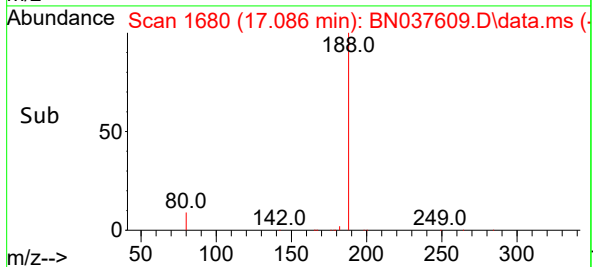
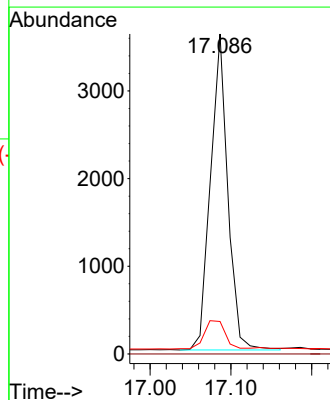
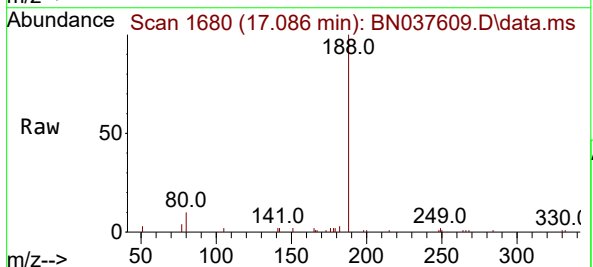
Instrument :
BNA_N
ClientSampleId :
MW-01-6.5-081325

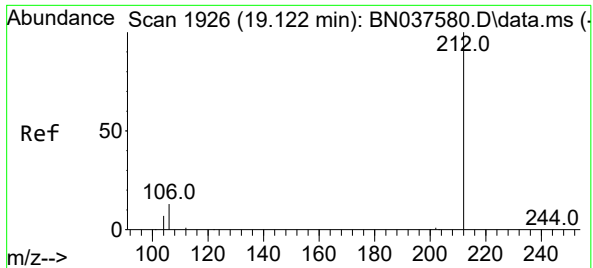
Tgt Ion:	172	Resp:	4640
Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.2	42.4
170	24.5	19.2	28.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.086 min Scan# 1680
Delta R.T. 0.000 min
Lab File: BN037609.D
Acq: 19 Aug 2025 16:05

Tgt Ion:	188	Resp:	5354
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.1	9.1	13.7





#27

Fluoranthene-d10

Concen: 0.338 ng

RT: 19.118 min Scan# 19

Delta R.T. -0.004 min

Lab File: BN037609.D

Acq: 19 Aug 2025 16:05

Instrument :

BNA_N

ClientSampleId :

MW-01-6.5-081325

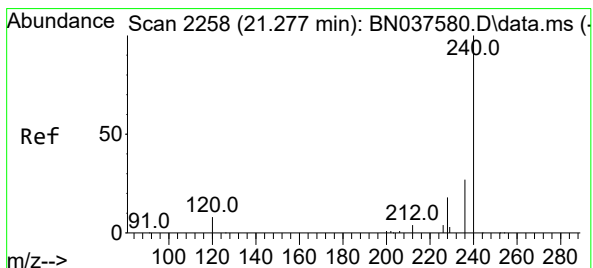
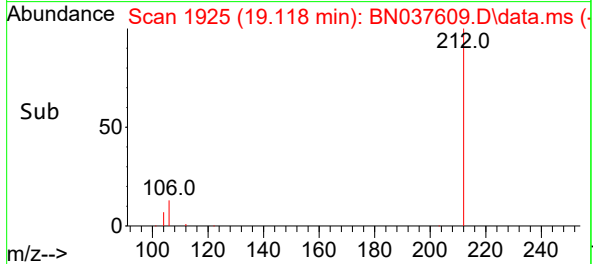
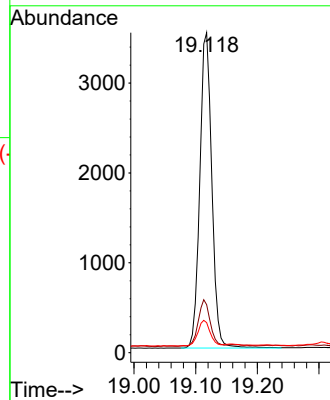
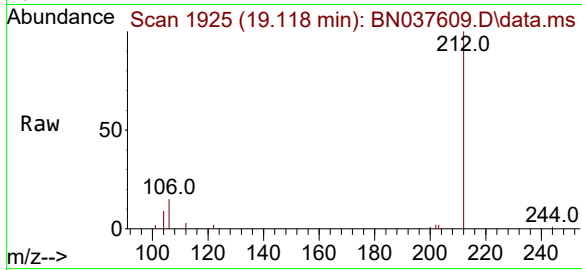
Tgt Ion:212 Resp: 4767

Ion Ratio Lower Upper

212 100

106 14.6 11.5 17.3

104 8.2 6.6 9.8



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.268 min Scan# 2257

Delta R.T. -0.009 min

Lab File: BN037609.D

Acq: 19 Aug 2025 16:05

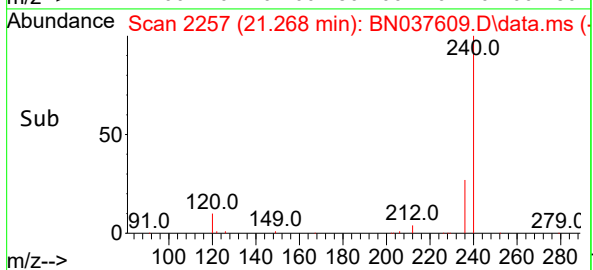
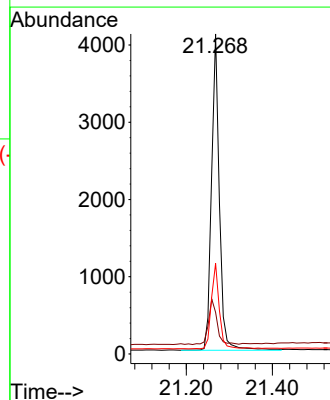
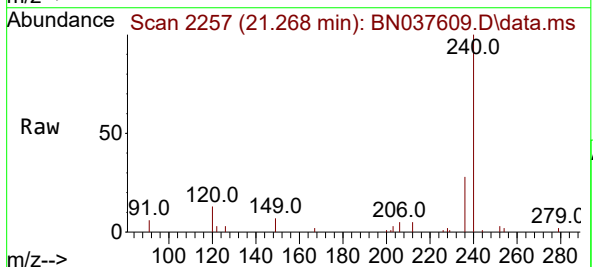
Tgt Ion:240 Resp: 5202

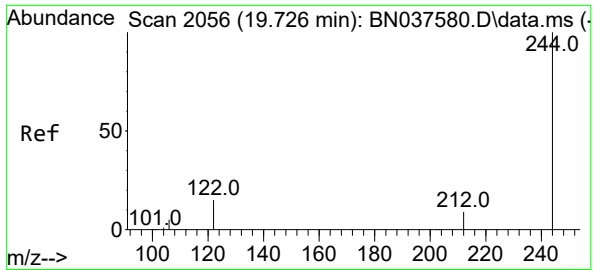
Ion Ratio Lower Upper

240 100

120 13.0 8.9 13.3

236 28.3 22.6 33.8

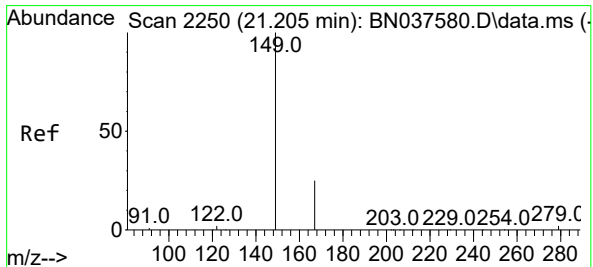
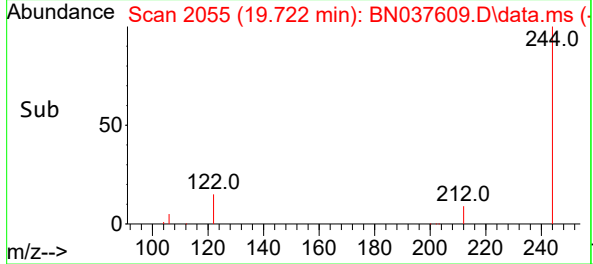
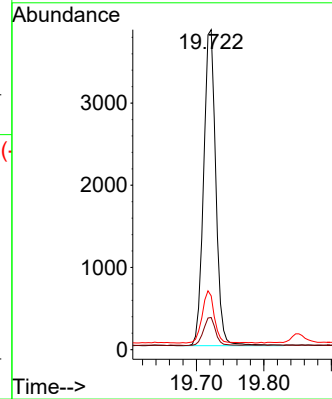
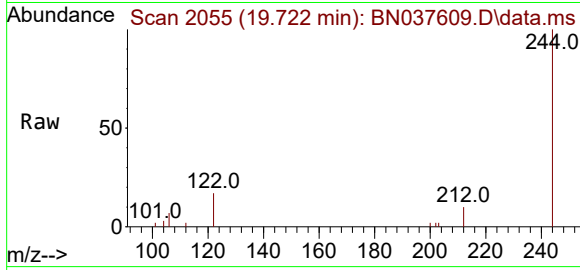




#31
 Terphenyl-d14
 Concen: 0.449 ng
 RT: 19.722 min Scan# 2056
 Delta R.T. -0.004 min
 Lab File: BN037609.D
 Acq: 19 Aug 2025 16:05

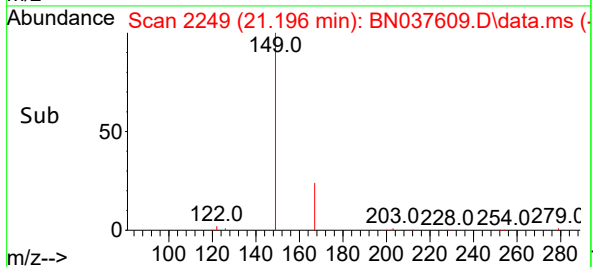
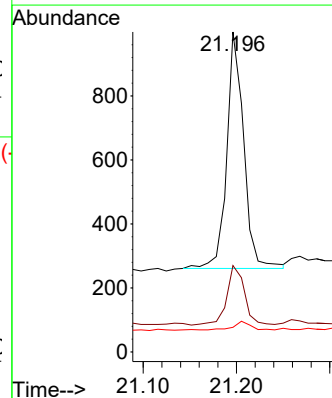
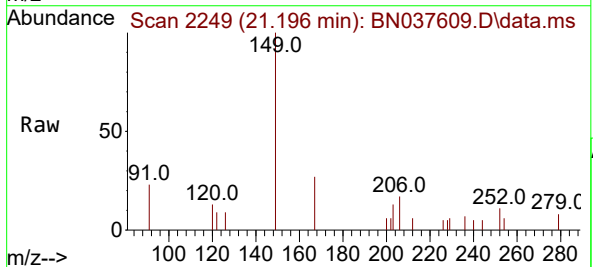
Instrument :
 BNA_N
 ClientSampleId :
 MW-01-6.5-081325

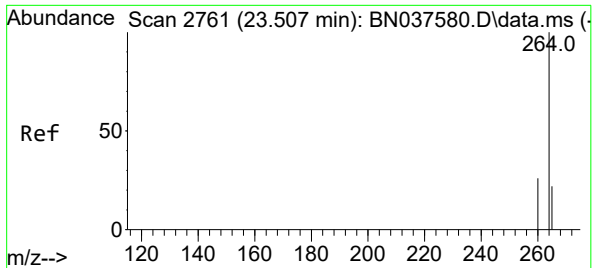
Tgt Ion:244 Resp: 4803
 Ion Ratio Lower Upper
 244 100
 212 10.0 8.2 12.2
 122 16.8 13.2 19.8



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.130 ng
 RT: 21.196 min Scan# 2249
 Delta R.T. -0.009 min
 Lab File: BN037609.D
 Acq: 19 Aug 2025 16:05

Tgt Ion:149 Resp: 929
 Ion Ratio Lower Upper
 149 100
 167 26.3 20.5 30.7
 279 3.4 2.6 4.0





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.502 min Scan# 21

Delta R.T. -0.006 min

Lab File: BN037609.D

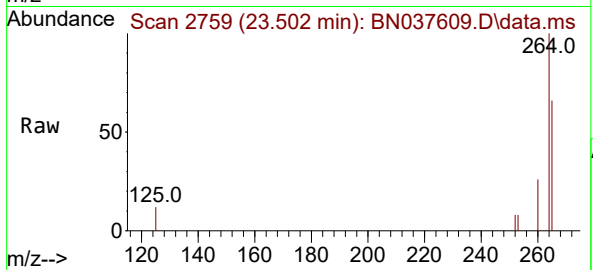
Acq: 19 Aug 2025 16:05

Instrument :

BNA_N

ClientSampleId :

MW-01-6.5-081325



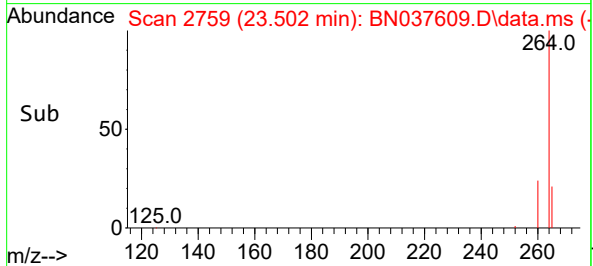
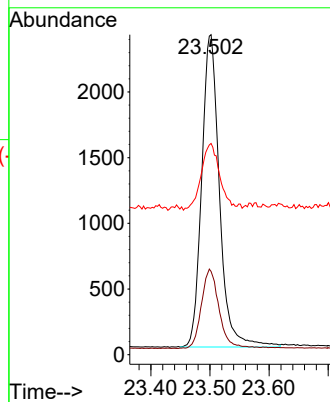
Tgt Ion:264 Resp: 4969

Ion	Ratio	Lower	Upper
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264	100		
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260	26.0	21.6	32.4
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265	66.0	48.2	72.4
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Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081925\
 Data File : BN037610.D
 Acq On : 19 Aug 2025 16:42
 Operator : RC/JU
 Sample : Q2869-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-11A-13.5-081325

Quant Time: Aug 20 01:27:29 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 13 05:00:58 2025
 Response via : Initial Calibration

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

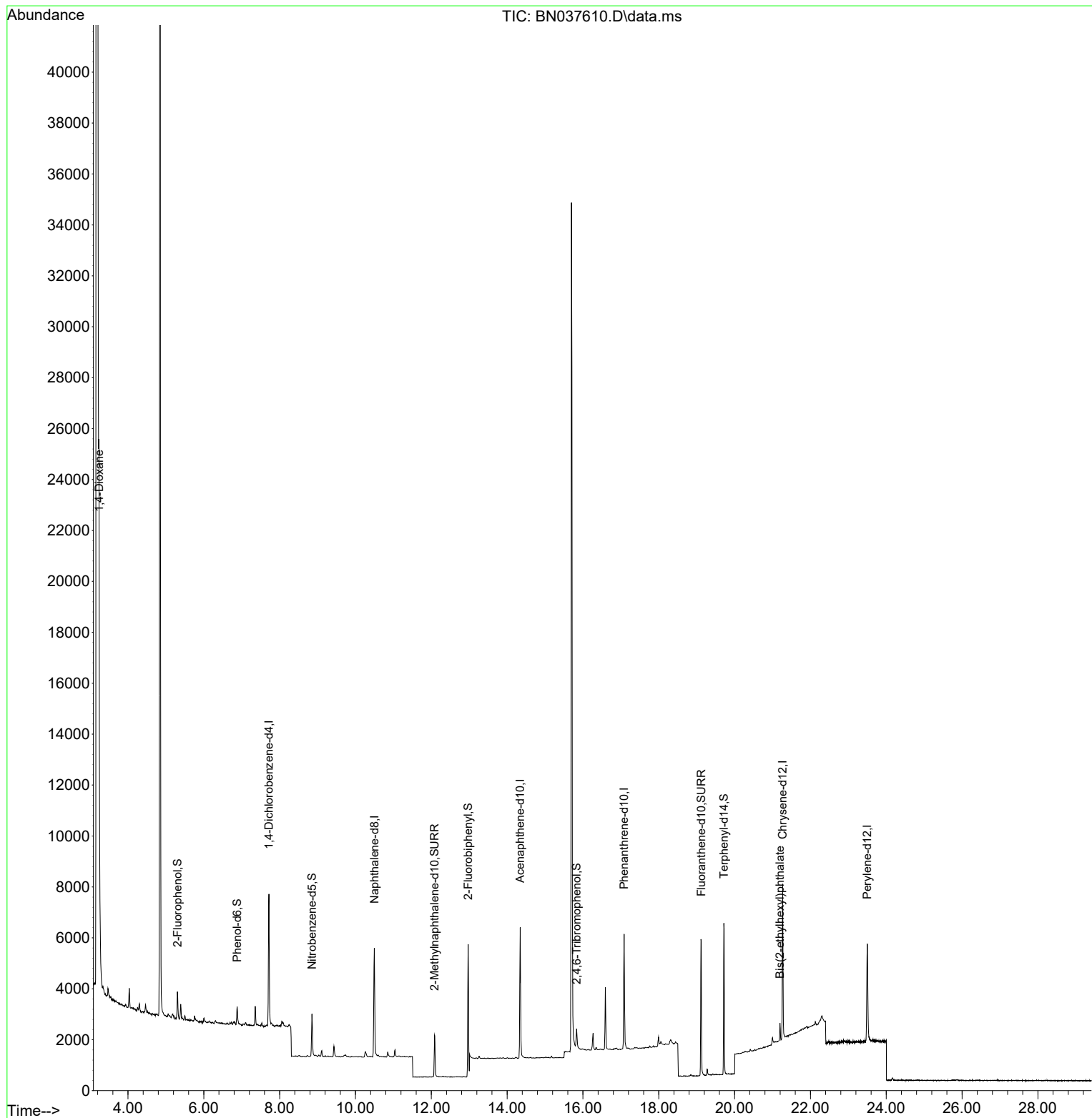
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	2495	0.400	ng	0.00
7) Naphthalene-d8	10.498	136	6050	0.400	ng	0.00
13) Acenaphthene-d10	14.345	164	2961	0.400	ng	0.00
19) Phenanthrene-d10	17.087	188	6177	0.400	ng	0.00
29) Chrysene-d12	21.268	240	5539	0.400	ng	# 0.00
35) Perylene-d12	23.499	264	5233	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.305	112	830	0.147	ng	0.00
5) Phenol-d6	6.880	99	585	0.086	ng	0.00
8) Nitrobenzene-d5	8.854	82	1383	0.325	ng	0.00
11) 2-Methylnaphthalene-d10	12.086	152	2376	0.289	ng	0.00
14) 2,4,6-Tribromophenol	15.833	330	497	0.384	ng	0.00
15) 2-Fluorobiphenyl	12.973	172	6938	0.405	ng	0.00
27) Fluoranthene-d10	19.118	212	6064	0.373	ng	0.00
31) Terphenyl-d14	19.717	244	5707	0.501	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.240	88	5375	2.252	ng	Qvalue 97
34) Bis(2-ethylhexyl)phtha...	21.196	149	628	0.082	ng	# 96

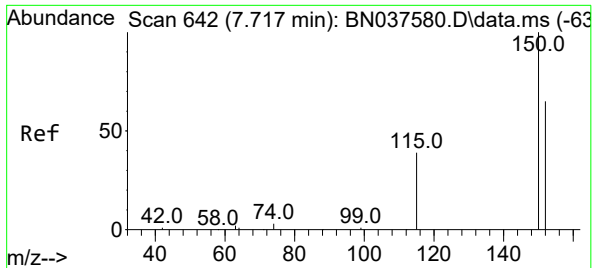
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081925\
Data File : BN037610.D
Acq On : 19 Aug 2025 16:42
Operator : RC/JU
Sample : Q2869-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-11A-13.5-081325

Quant Time: Aug 20 01:27:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 13 05:00:58 2025
Response via : Initial Calibration

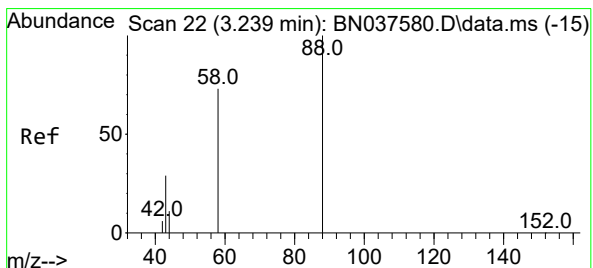
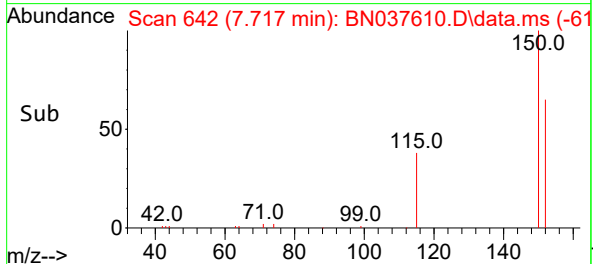
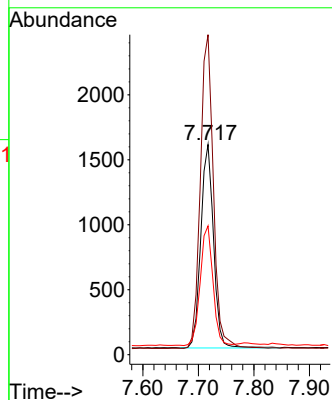
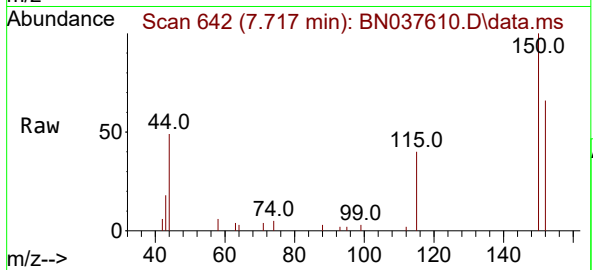




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.717 min Scan# 64
Delta R.T. 0.000 min
Lab File: BN037610.D
Acq: 19 Aug 2025 16:42

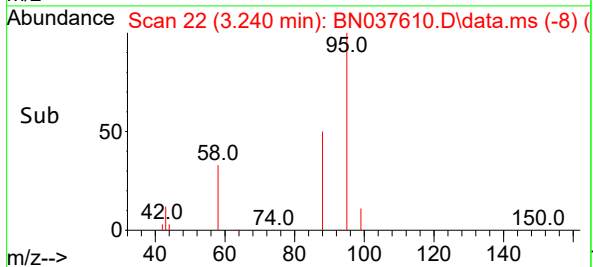
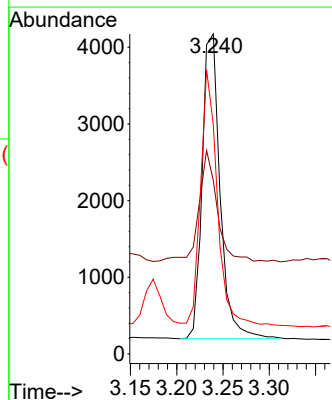
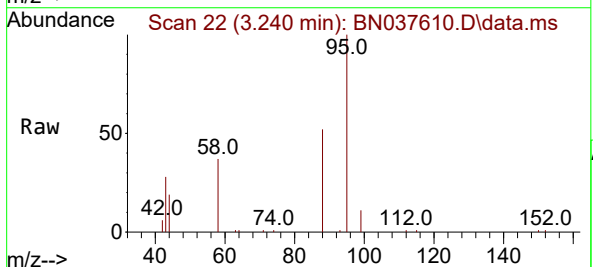
Instrument :
BNA_N
ClientSampleId :
MW-11A-13.5-081325

Tgt Ion	152	150	115
Resp:	2495		
Ratio	100	152.2	61.2
Lower		122.2	49.8
Upper		183.4	74.6

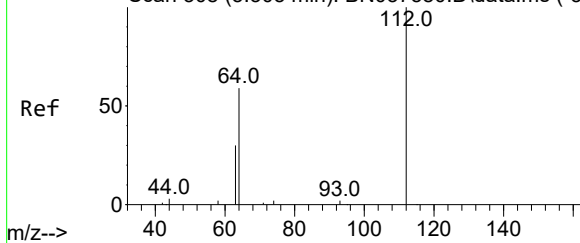


#2
1,4-Dioxane
Concen: 2.252 ng
RT: 3.240 min Scan# 22
Delta R.T. 0.000 min
Lab File: BN037610.D
Acq: 19 Aug 2025 16:42

Tgt Ion	88	43	58
Resp:	5375		
Ratio	100	37.3	77.5
Lower		25.8	61.2
Upper		38.6	91.8



Abundance Scan 308 (5.305 min): BN037580.D\data.ms (-30



#4

2-Fluorophenol

Concen: 0.147 ng

RT: 5.305 min Scan# 308

Delta R.T. 0.000 min

Lab File: BN037610.D

Acq: 19 Aug 2025 16:42

Instrument :

BNA_N

ClientSampleId :

MW-11A-13.5-081325

Tgt Ion:112 Resp: 830

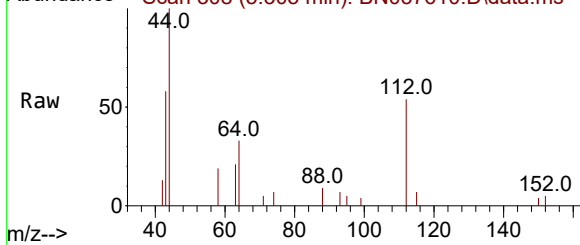
Ion Ratio Lower Upper

112 100

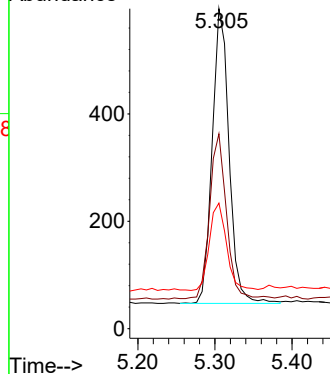
64 56.7 44.9 67.3

63 30.2 23.4 35.2

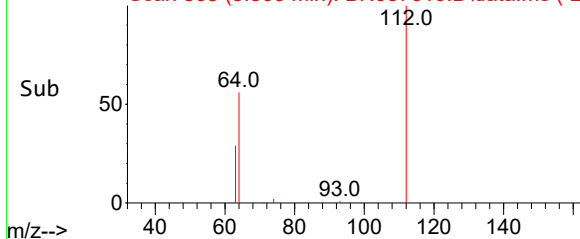
Abundance Scan 308 (5.305 min): BN037610.D\data.ms



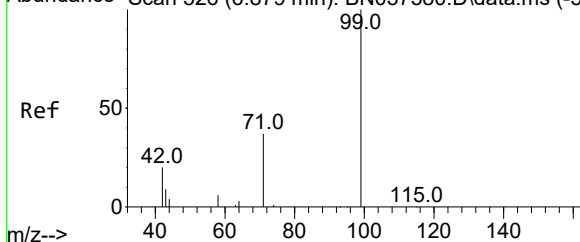
Abundance



Abundance Scan 308 (5.305 min): BN037610.D\data.ms (-28



Abundance Scan 526 (6.879 min): BN037580.D\data.ms (-51



#5

Phenol-d6

Concen: 0.086 ng

RT: 6.880 min Scan# 526

Delta R.T. 0.000 min

Lab File: BN037610.D

Acq: 19 Aug 2025 16:42

Tgt Ion: 99 Resp: 585

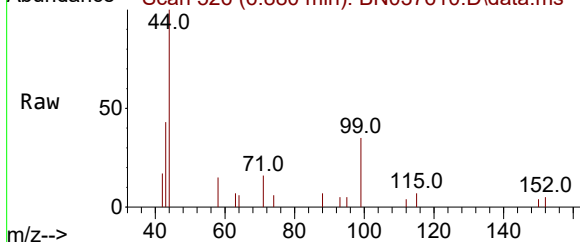
Ion Ratio Lower Upper

99 100

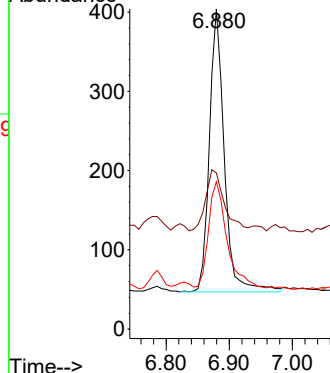
42 26.7 18.5 27.7

71 46.0 28.6 42.8#

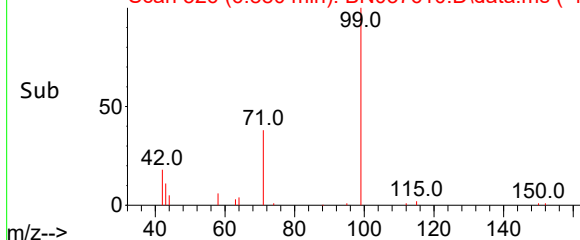
Abundance Scan 526 (6.880 min): BN037610.D\data.ms

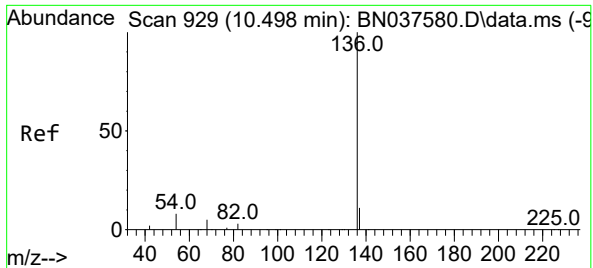


Abundance



Abundance Scan 526 (6.880 min): BN037610.D\data.ms (-49

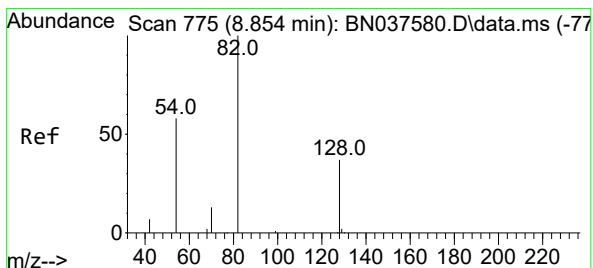
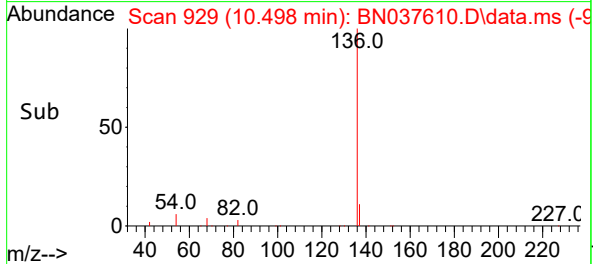
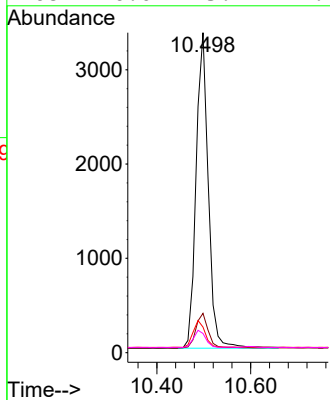
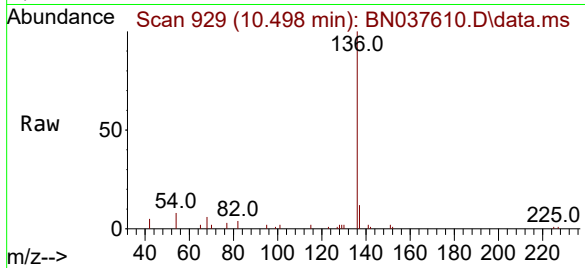




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.498 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN037610.D
Acq: 19 Aug 2025 16:42

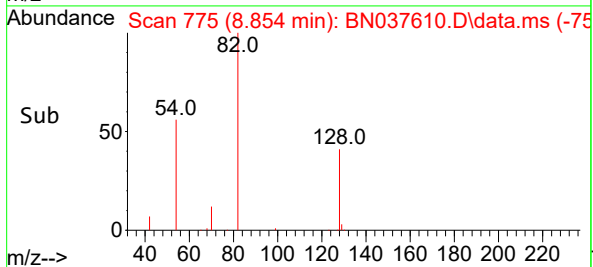
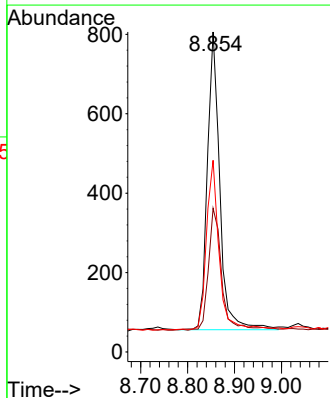
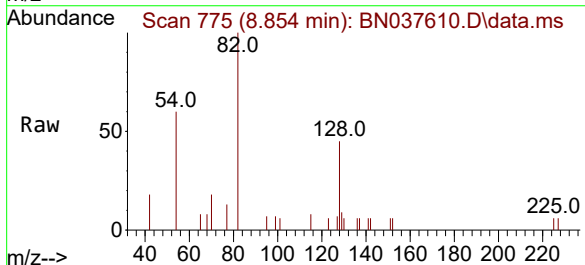
Instrument :
BNA_N
ClientSampleId :
MW-11A-13.5-081325

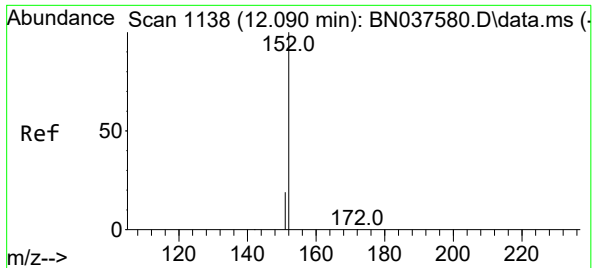
Tgt Ion:	136	Resp:	6050
Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.5	14.3
54	8.0	7.3	10.9
68	6.0	5.1	7.7



#8
Nitrobenzene-d5
Concen: 0.325 ng
RT: 8.854 min Scan# 775
Delta R.T. 0.000 min
Lab File: BN037610.D
Acq: 19 Aug 2025 16:42

Tgt Ion:	82	Resp:	1383
Ion	Ratio	Lower	Upper
82	100		
128	44.9	32.6	48.8
54	59.9	48.9	73.3

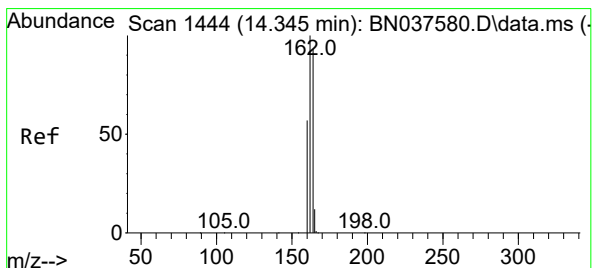
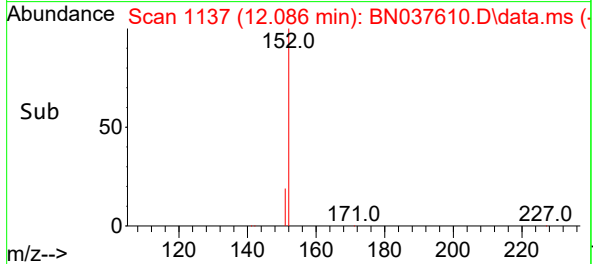
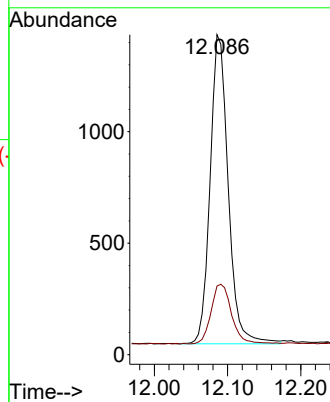
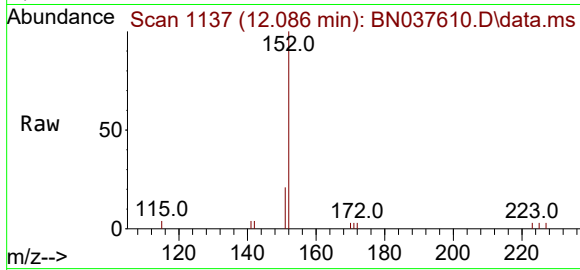




#11
2-Methylnaphthalene-d10
Concen: 0.289 ng
RT: 12.086 min Scan# 1137
Delta R.T. -0.005 min
Lab File: BN037610.D
Acq: 19 Aug 2025 16:42

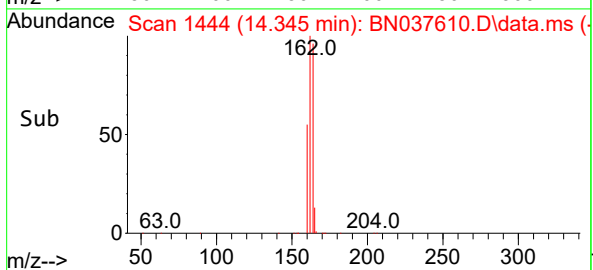
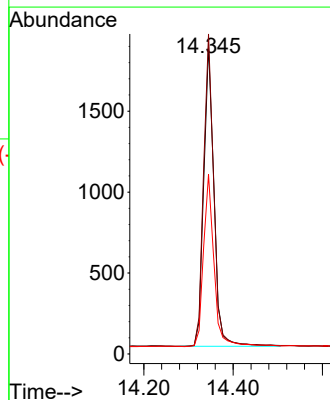
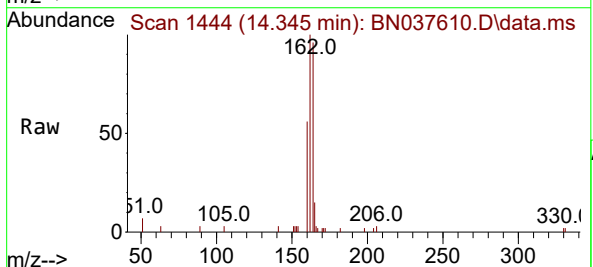
Instrument :
BNA_N
ClientSampleId :
MW-11A-13.5-081325

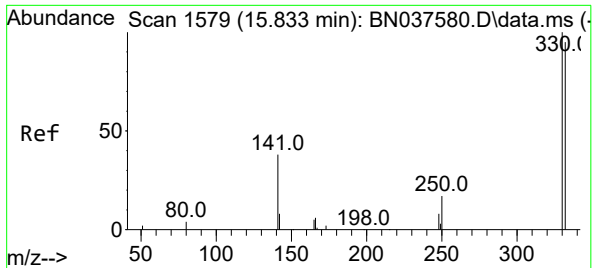
Tgt Ion:152 Resp: 2376
Ion Ratio Lower Upper
152 100
151 21.8 17.3 25.9



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.345 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BN037610.D
Acq: 19 Aug 2025 16:42

Tgt Ion:164 Resp: 2961
Ion Ratio Lower Upper
164 100
162 103.7 85.5 128.3
160 58.2 49.5 74.3

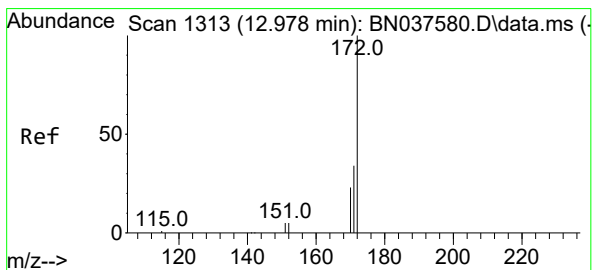
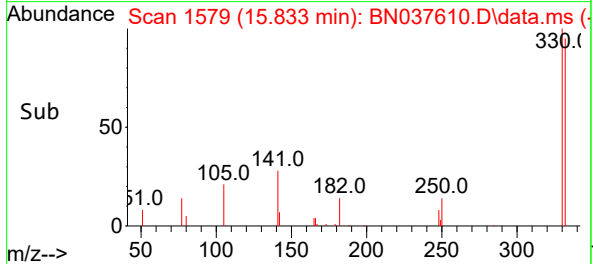
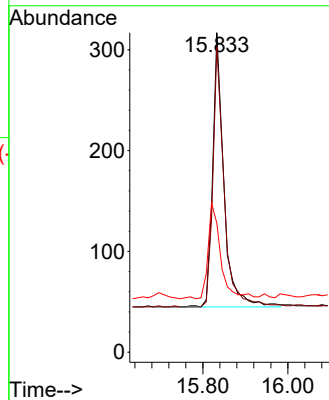
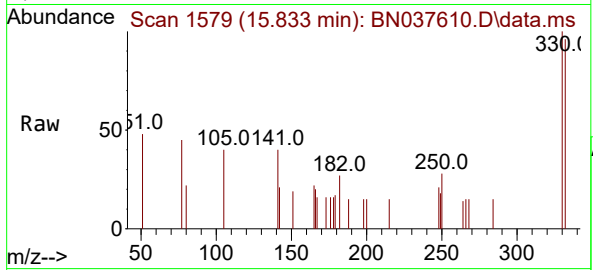




#14
2,4,6-Tribromophenol
Concen: 0.384 ng
RT: 15.833 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN037610.D
Acq: 19 Aug 2025 16:42

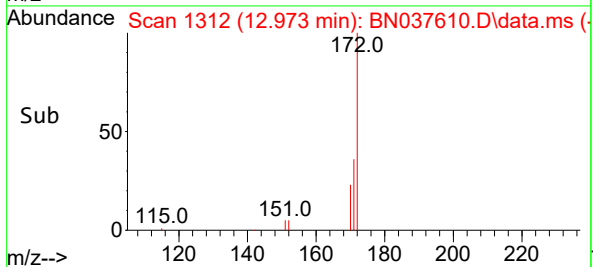
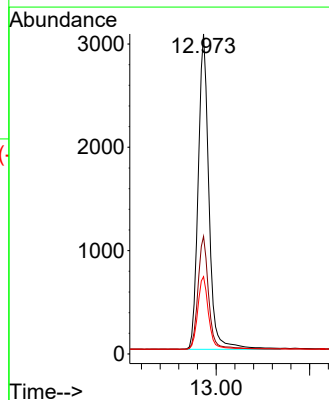
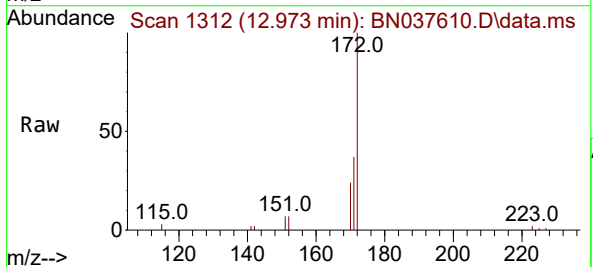
Instrument :
BNA_N
ClientSampleId :
MW-11A-13.5-081325

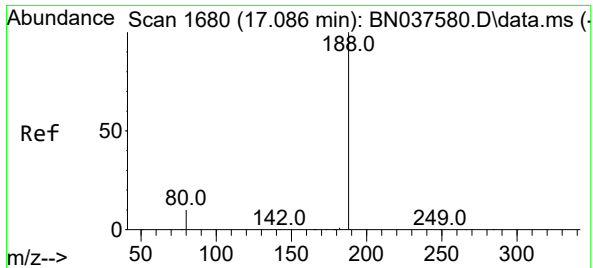
Tgt Ion:330 Resp: 497
Ion Ratio Lower Upper
330 100
332 94.6 77.4 116.0
141 39.6 30.9 46.3



#15
2-Fluorobiphenyl
Concen: 0.405 ng
RT: 12.973 min Scan# 1312
Delta R.T. -0.005 min
Lab File: BN037610.D
Acq: 19 Aug 2025 16:42

Tgt Ion:172 Resp: 6938
Ion Ratio Lower Upper
172 100
171 36.7 28.2 42.4
170 24.2 19.2 28.8

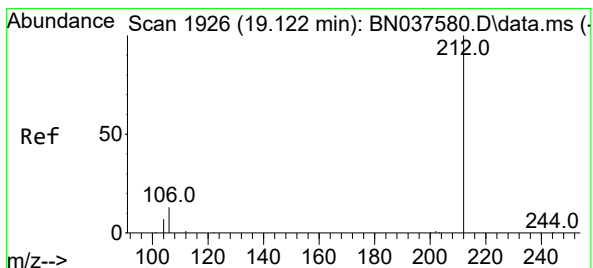
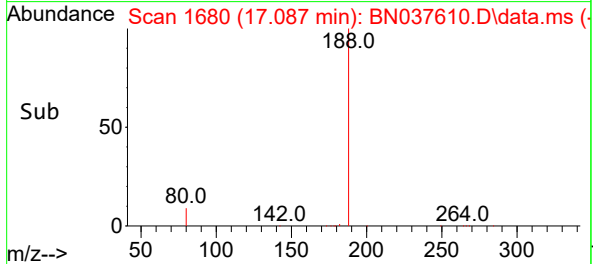
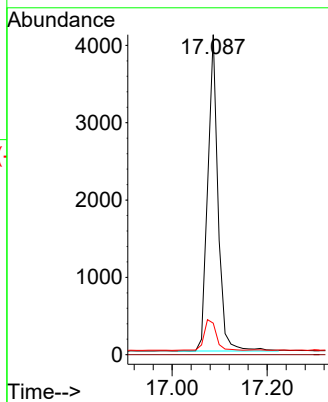
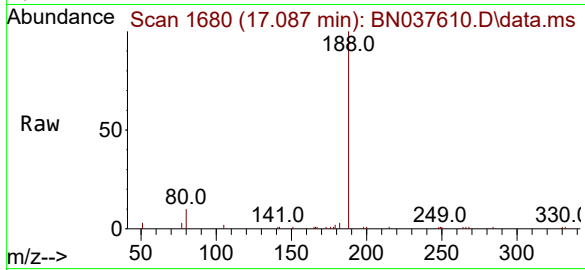




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.087 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037610.D
Acq: 19 Aug 2025 16:42

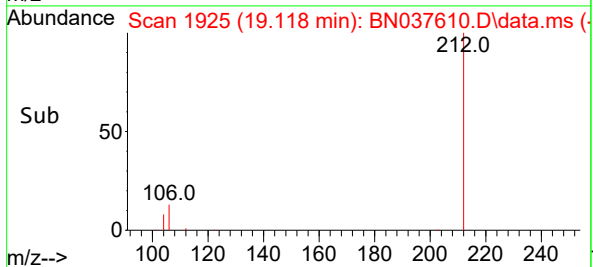
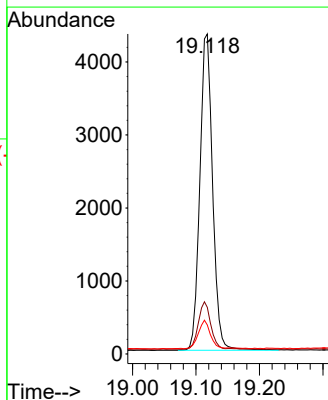
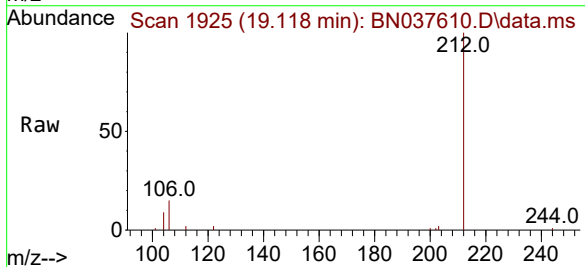
Instrument :
BNA_N
ClientSampleId :
MW-11A-13.5-081325

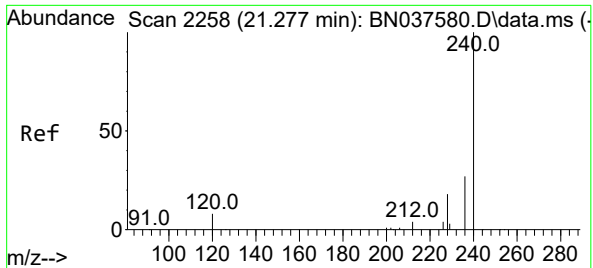
Tgt Ion:188 Resp: 6177
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.8 9.1 13.7



#27
Fluoranthene-d10
Concen: 0.373 ng
RT: 19.118 min Scan# 1925
Delta R.T. -0.004 min
Lab File: BN037610.D
Acq: 19 Aug 2025 16:42

Tgt Ion:212 Resp: 6064
Ion Ratio Lower Upper
212 100
106 14.7 11.5 17.3
104 8.5 6.6 9.8





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.268 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN037610.D

Acq: 19 Aug 2025 16:42

Instrument :

BNA_N

ClientSampleId :

MW-11A-13.5-081325

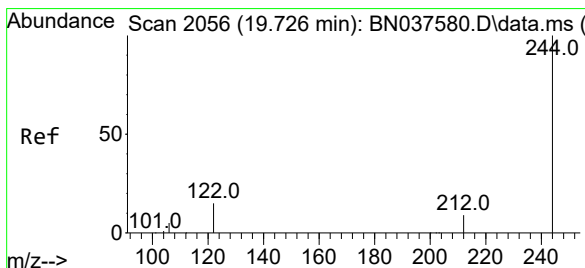
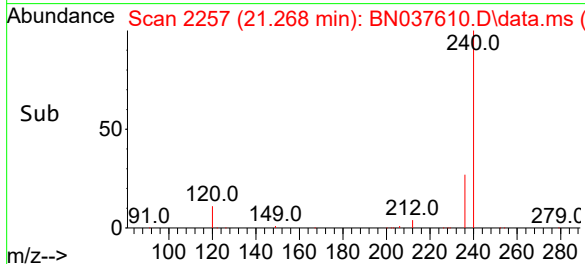
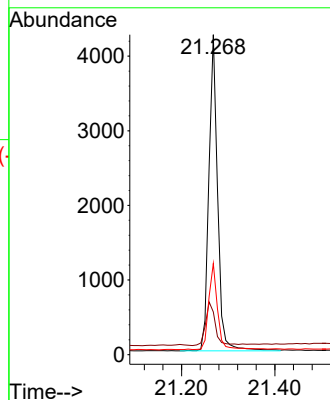
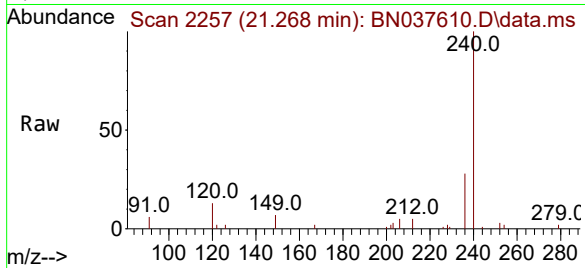
Tgt Ion:240 Resp: 5539

Ion Ratio Lower Upper

240 100

120 13.4 8.9 13.3#

236 28.5 22.6 33.8



#31

Terphenyl-d14

Concen: 0.501 ng

RT: 19.717 min Scan# 2054

Delta R.T. -0.009 min

Lab File: BN037610.D

Acq: 19 Aug 2025 16:42

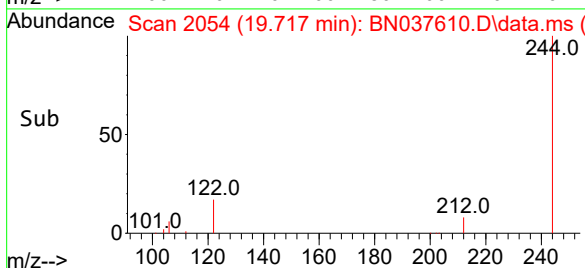
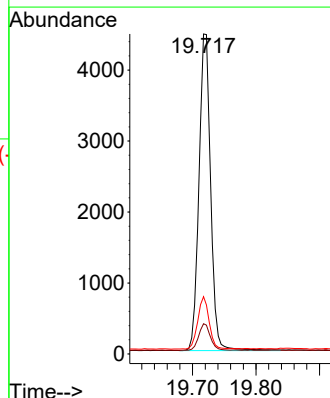
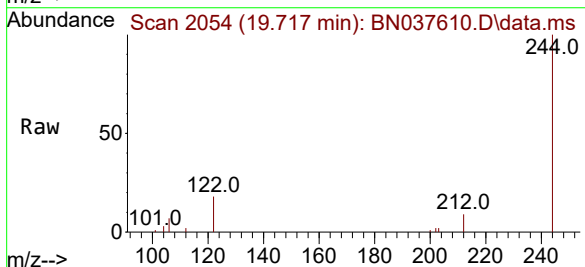
Tgt Ion:244 Resp: 5707

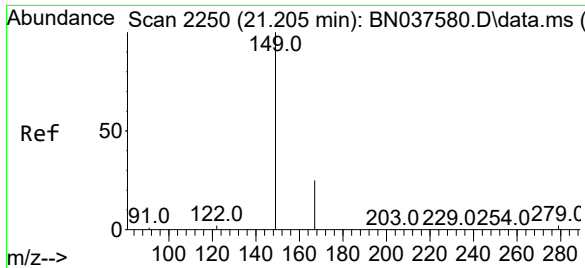
Ion Ratio Lower Upper

244 100

212 9.4 8.2 12.2

122 17.9 13.2 19.8

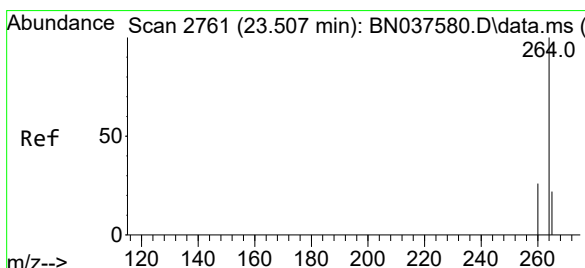
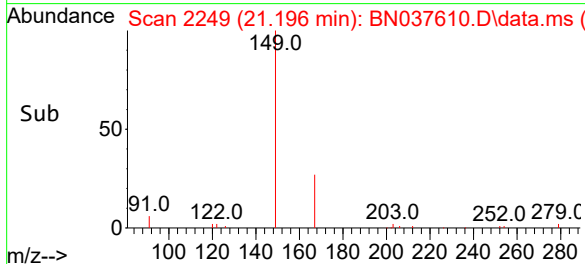
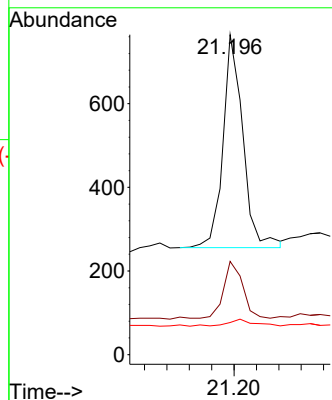
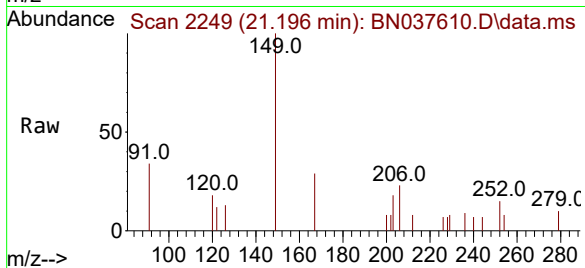




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.082 ng
RT: 21.196 min Scan# 2119
Delta R.T. -0.009 min
Lab File: BN037610.D
Acq: 19 Aug 2025 16:42

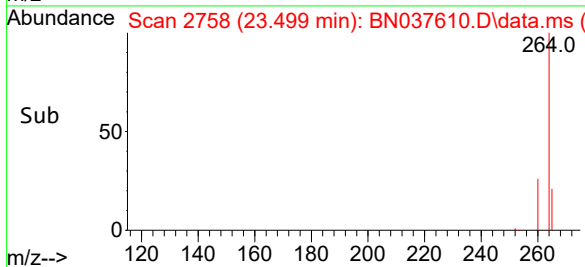
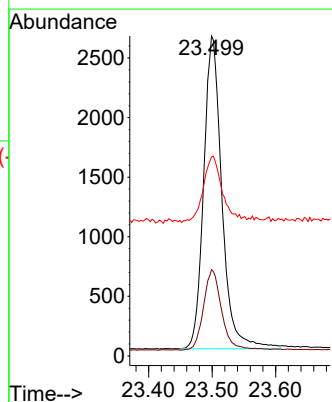
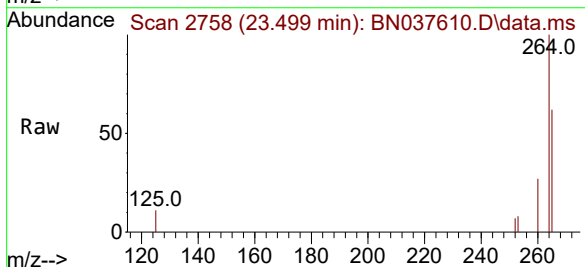
Instrument :
BNA_N
ClientSampleId :
MW-11A-13.5-081325

Tgt Ion:149 Resp: 628
Ion Ratio Lower Upper
149 100
167 27.4 20.5 30.7
279 4.5 2.6 4.0#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.499 min Scan# 2758
Delta R.T. -0.008 min
Lab File: BN037610.D
Acq: 19 Aug 2025 16:42

Tgt Ion:264 Resp: 5233
Ion Ratio Lower Upper
264 100
260 26.9 21.6 32.4
265 62.2 48.2 72.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081925\
 Data File : BN037611.D
 Acq On : 19 Aug 2025 17:18
 Operator : RC/JU
 Sample : Q2869-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-19B-71.5-081325-FD

Quant Time: Aug 20 01:27:45 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 13 05:00:58 2025
 Response via : Initial Calibration

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

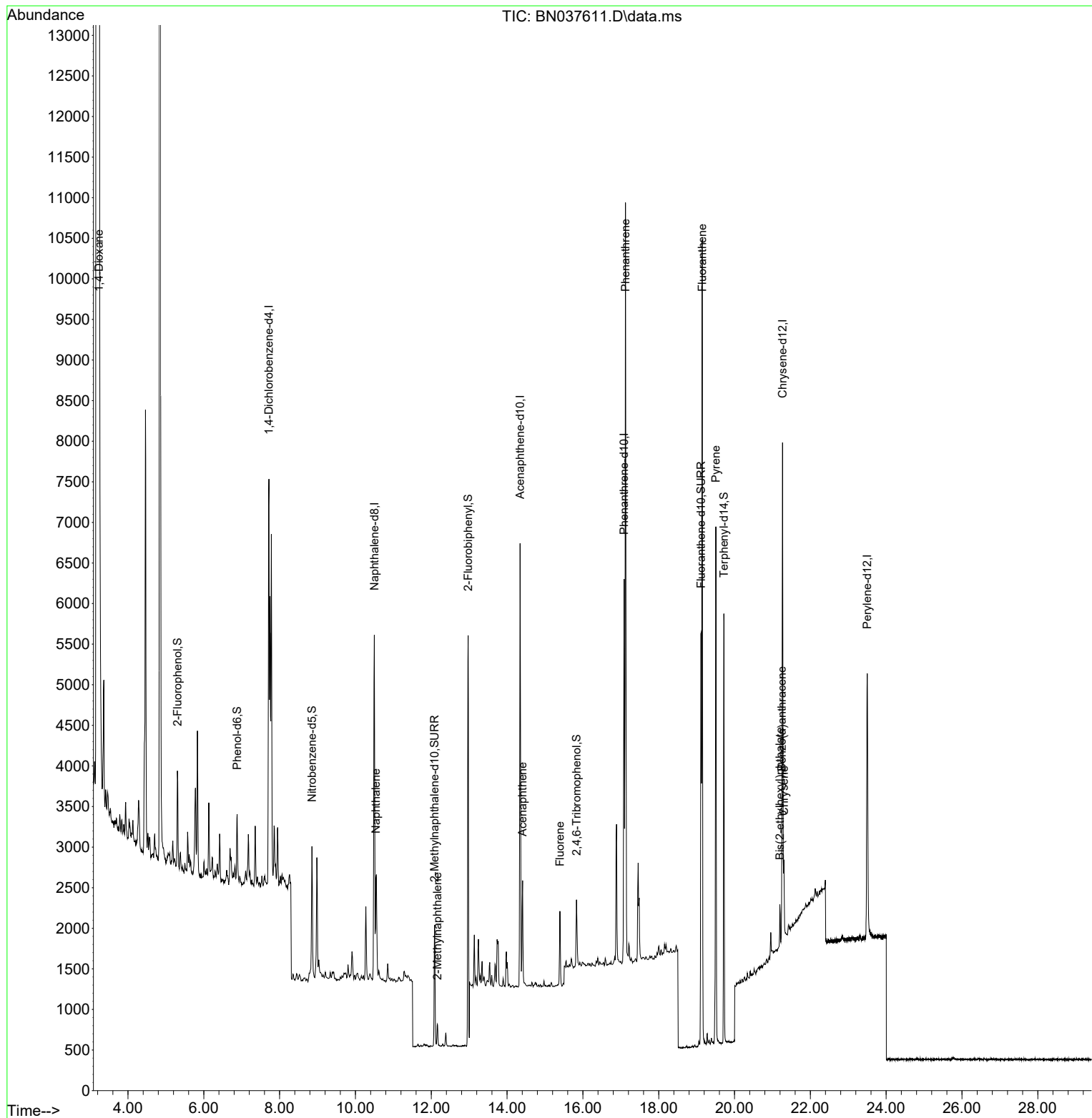
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	2373	0.400	ng	0.00
7) Naphthalene-d8	10.498	136	5766	0.400	ng	0.00
13) Acenaphthene-d10	14.345	164	2949	0.400	ng	0.00
19) Phenanthrene-d10	17.086	188	6117	0.400	ng	0.00
29) Chrysene-d12	21.268	240	5268	0.400	ng	0.00
35) Perylene-d12	23.502	264	4705	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.305	112	795	0.148	ng	0.00
5) Phenol-d6	6.879	99	552	0.085	ng	0.00
8) Nitrobenzene-d5	8.854	82	1252	0.308	ng	0.00
11) 2-Methylnaphthalene-d10	12.085	152	2115	0.270	ng	0.00
14) 2,4,6-Tribromophenol	15.833	330	474	0.367	ng	0.00
15) 2-Fluorobiphenyl	12.973	172	6190	0.363	ng	0.00
27) Fluoranthene-d10	19.118	212	5749	0.357	ng	0.00
31) Terphenyl-d14	19.722	244	5180	0.478	ng	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.232	88	10850	4.779	ng	97
9) Naphthalene	10.541	128	1441	0.094	ng	# 90
12) 2-Methylnaphthalene	12.161	142	213	0.022	ng	# 83
17) Acenaphthene	14.409	154	610	0.068	ng	98
18) Fluorene	15.392	166	600	0.051	ng	99
25) Phenanthrene	17.124	178	9312	0.501	ng	99
28) Fluoranthene	19.146	202	8713	0.408	ng	100
30) Pyrene	19.508	202	5864	0.298	ng	# 94
32) Benzo(a)anthracene	21.250	228	641	0.036	ng	# 84
33) Chrysene	21.304	228	991	0.051	ng	# 88
34) Bis(2-ethylhexyl)phtha...	21.196	149	511	0.070	ng	# 94

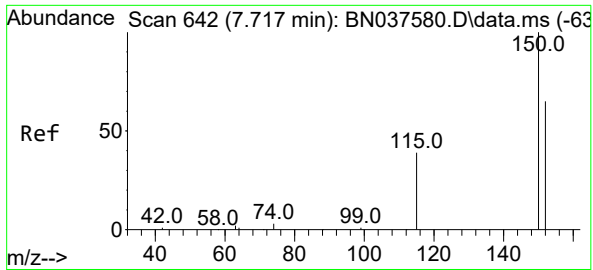
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081925\
Data File : BN037611.D
Acq On : 19 Aug 2025 17:18
Operator : RC/JU
Sample : Q2869-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-19B-71.5-081325-FD

Quant Time: Aug 20 01:27:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 13 05:00:58 2025
Response via : Initial Calibration

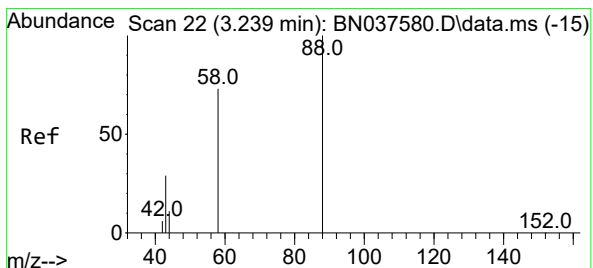
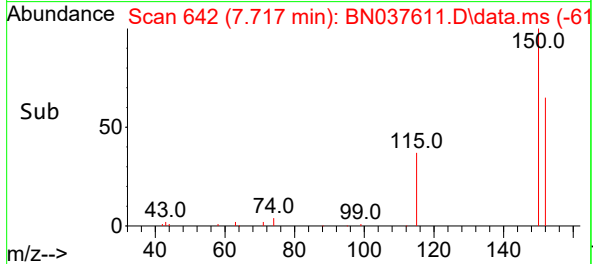
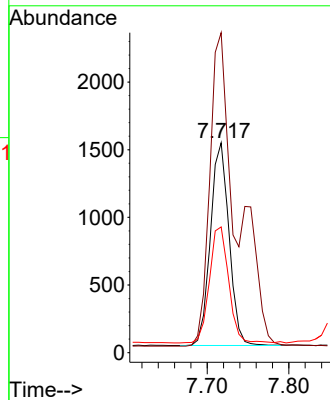
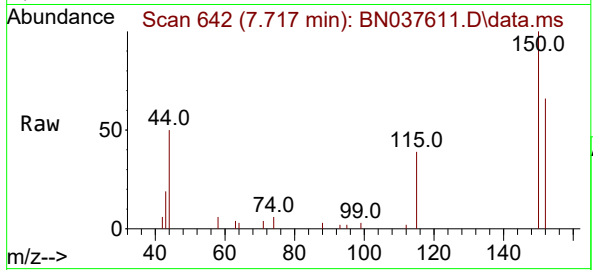




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.717 min Scan# 64
Delta R.T. 0.000 min
Lab File: BN037611.D
Acq: 19 Aug 2025 17:18

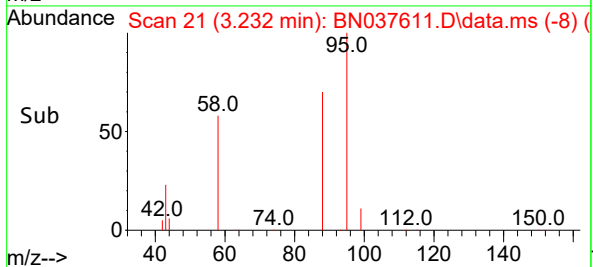
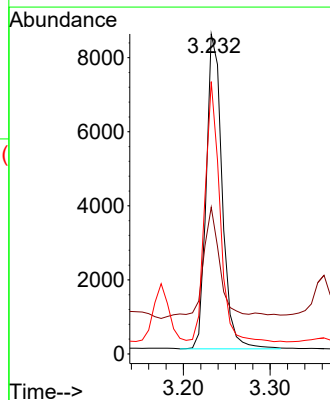
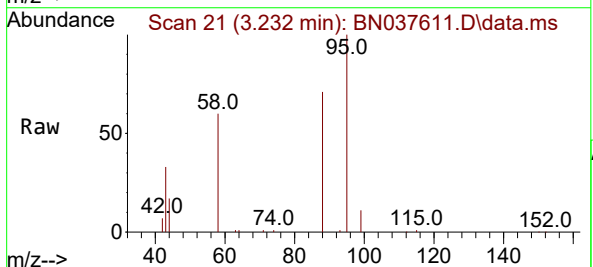
Instrument :
BNA_N
ClientSampleId :
MW-19B-71.5-081325-FD

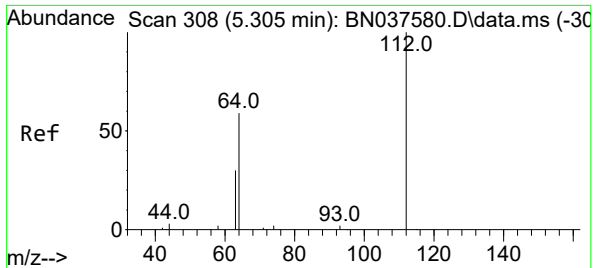
Tgt Ion:152 Resp: 2373
Ion Ratio Lower Upper
152 100
150 152.4 122.2 183.4
115 59.9 49.8 74.6



#2
1,4-Dioxane
Concen: 4.779 ng
RT: 3.232 min Scan# 21
Delta R.T. -0.007 min
Lab File: BN037611.D
Acq: 19 Aug 2025 17:18

Tgt Ion: 88 Resp: 10850
Ion Ratio Lower Upper
88 100
43 37.3 25.8 38.6
58 77.1 61.2 91.8

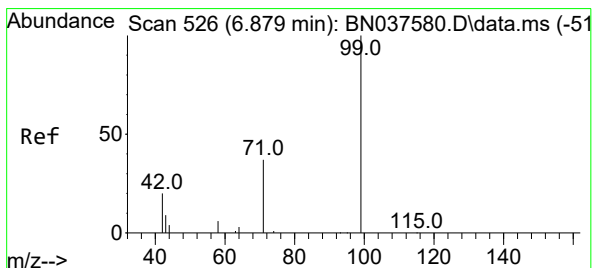
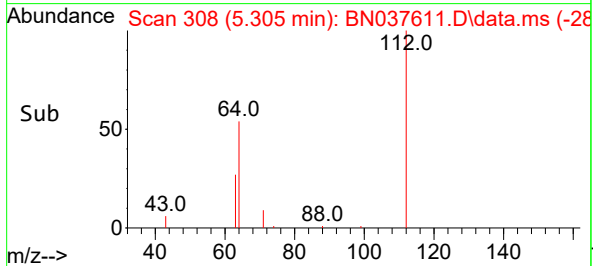
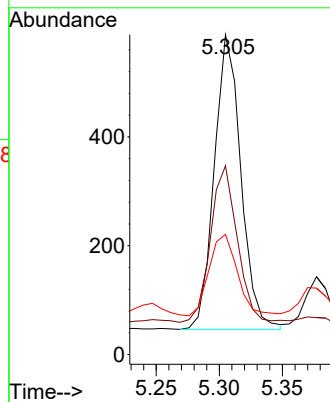
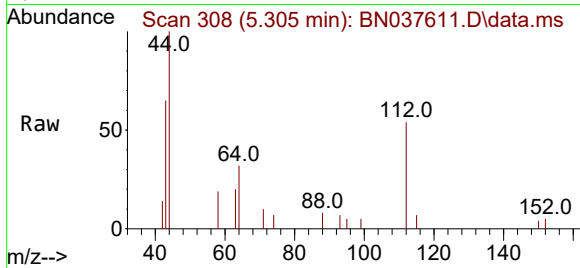




#4
2-Fluorophenol
Concen: 0.148 ng
RT: 5.305 min Scan# 308
Delta R.T. 0.000 min
Lab File: BN037611.D
Acq: 19 Aug 2025 17:18

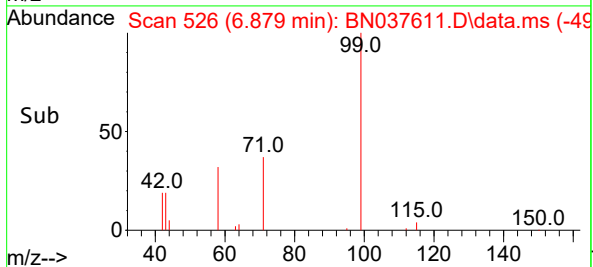
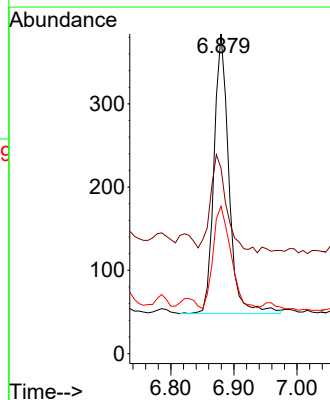
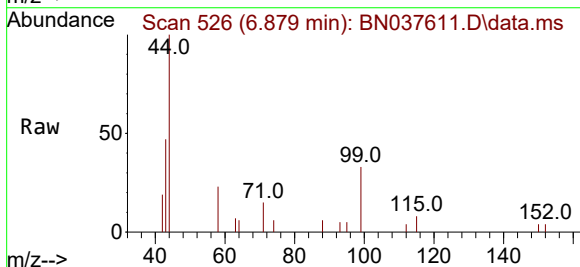
Instrument :
BNA_N
ClientSampleId :
MW-19B-71.5-081325-FD

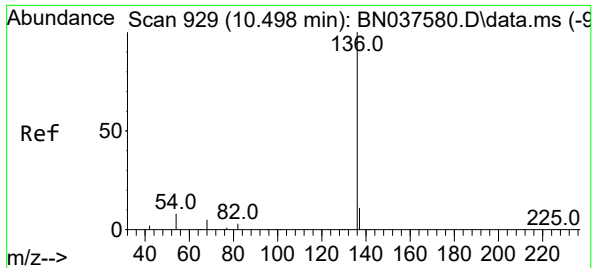
Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.7	44.9	67.3
63	29.8	23.4	35.2



#5
Phenol-d6
Concen: 0.085 ng
RT: 6.879 min Scan# 526
Delta R.T. 0.000 min
Lab File: BN037611.D
Acq: 19 Aug 2025 17:18

Tgt Ion	Ratio	Lower	Upper
99	100		
42	38.4	18.5	27.7#
71	43.7	28.6	42.8#

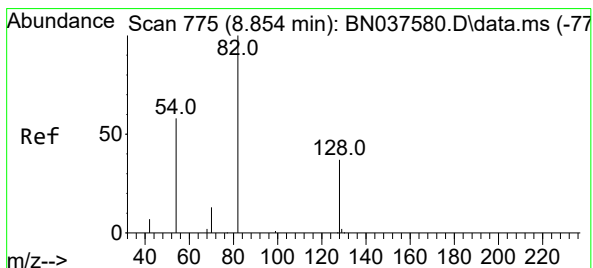
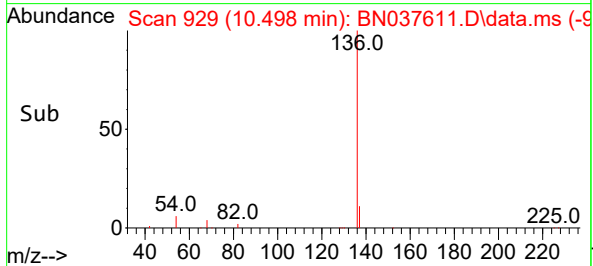
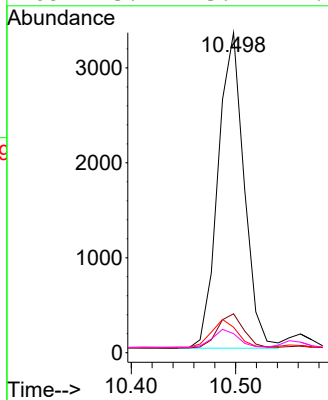
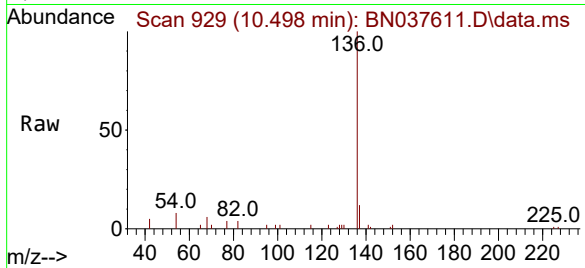




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.498 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN037611.D
Acq: 19 Aug 2025 17:18

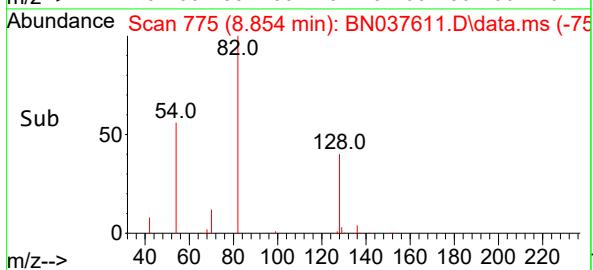
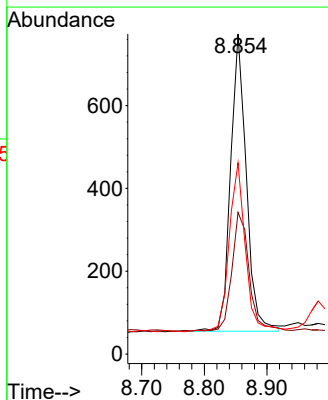
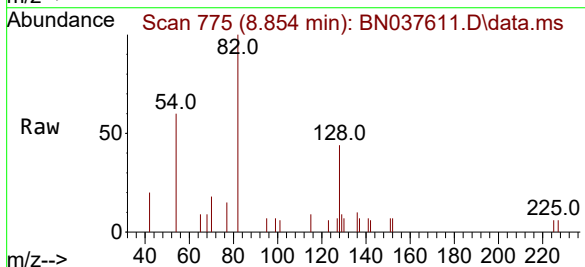
Instrument :
BNA_N
ClientSampleId :
MW-19B-71.5-081325-FD

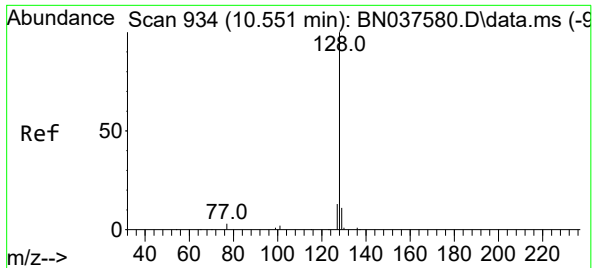
Tgt Ion:	136	Resp:	5766
Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.5	14.3
54	8.0	7.3	10.9
68	5.9	5.1	7.7



#8
Nitrobenzene-d5
Concen: 0.308 ng
RT: 8.854 min Scan# 775
Delta R.T. 0.000 min
Lab File: BN037611.D
Acq: 19 Aug 2025 17:18

Tgt Ion:	82	Resp:	1252
Ion	Ratio	Lower	Upper
82	100		
128	44.2	32.6	48.8
54	59.8	48.9	73.3

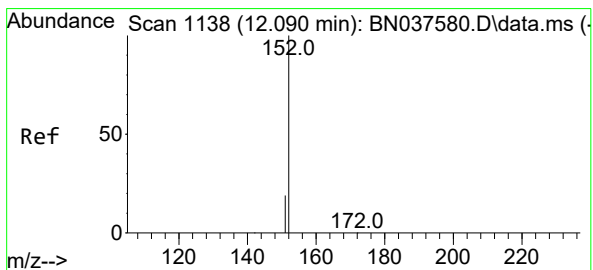
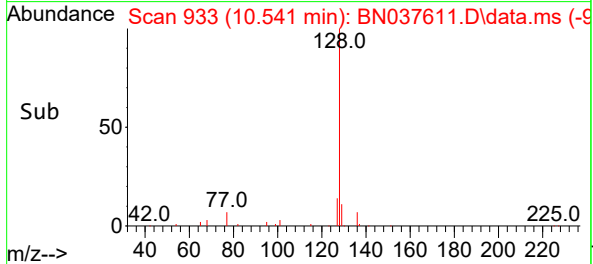
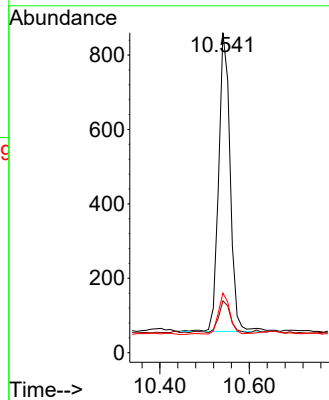
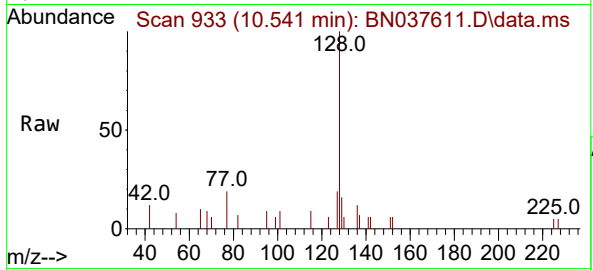




#9
Naphthalene
Concen: 0.094 ng
RT: 10.541 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN037611.D
Acq: 19 Aug 2025 17:18

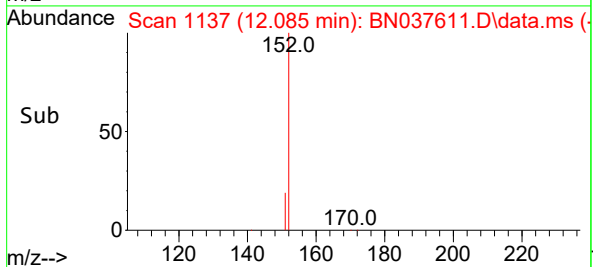
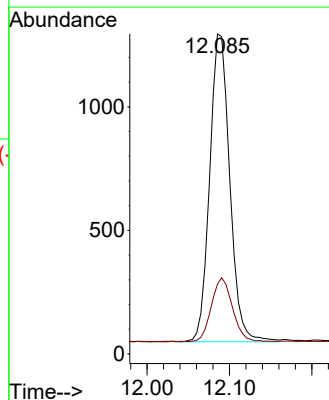
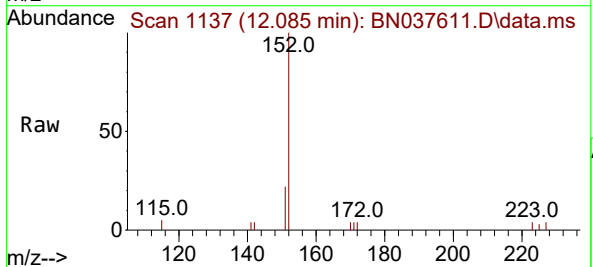
Instrument :
BNA_N
ClientSampleId :
MW-19B-71.5-081325-FD

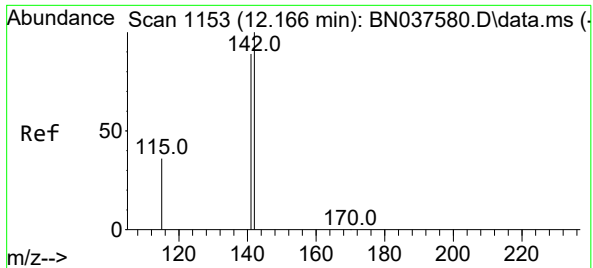
Tgt Ion	128	129	127
Resp:	1441		
Ratio	100	16.2	18.6
Lower		9.8	11.5
Upper		14.6#	17.3#



#11
2-Methylnaphthalene-d10
Concen: 0.270 ng
RT: 12.085 min Scan# 1137
Delta R.T. -0.005 min
Lab File: BN037611.D
Acq: 19 Aug 2025 17:18

Tgt Ion	152	151
Resp:	2115	
Ratio	100	21.9
Lower		17.3
Upper		25.9





#12

2-Methylnaphthalene

Concen: 0.022 ng

RT: 12.161 min Scan# 1152

Delta R.T. -0.005 min

Lab File: BN037611.D

Acq: 19 Aug 2025 17:18

Instrument :

BNA_N

ClientSampleId :

MW-19B-71.5-081325-FD

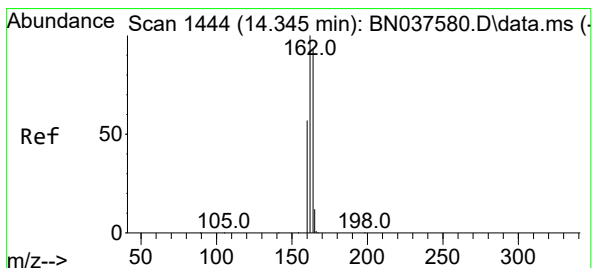
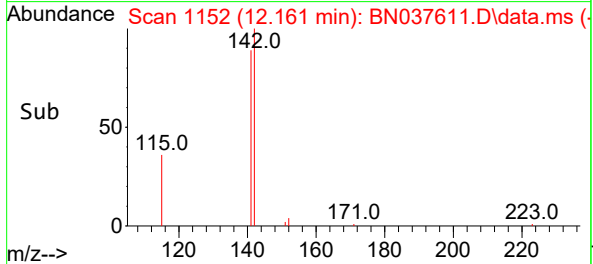
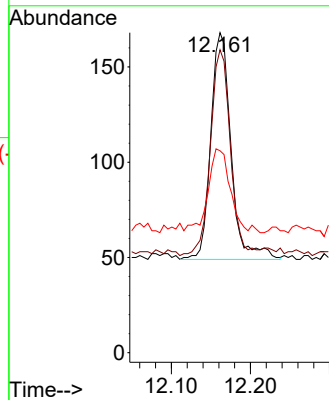
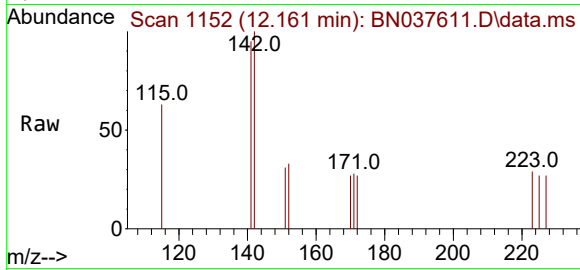
Tgt Ion:142 Resp: 213

Ion Ratio Lower Upper

142 100

141 94.6 71.4 107.0

115 63.1 30.2 45.4#



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.345 min Scan# 1444

Delta R.T. 0.000 min

Lab File: BN037611.D

Acq: 19 Aug 2025 17:18

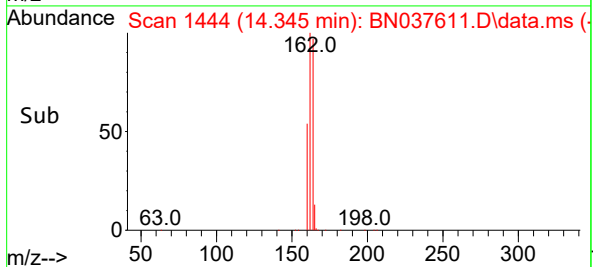
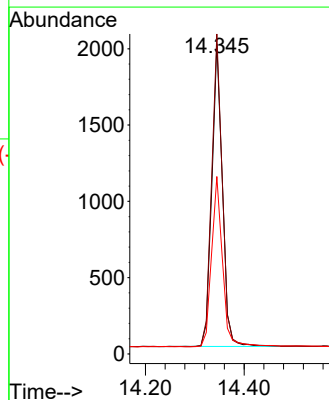
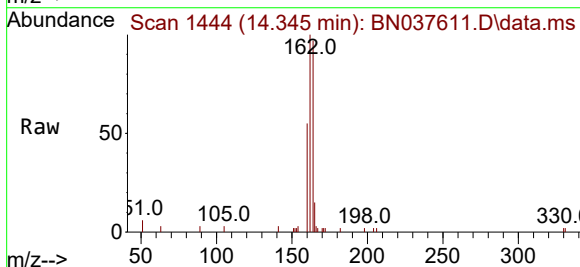
Tgt Ion:164 Resp: 2949

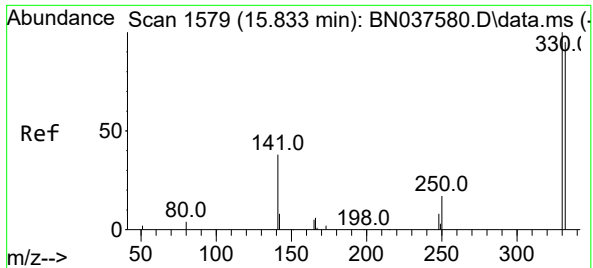
Ion Ratio Lower Upper

164 100

162 103.1 85.5 128.3

160 57.2 49.5 74.3





#14

2,4,6-Tribromophenol

Concen: 0.367 ng

RT: 15.833 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN037611.D

Acq: 19 Aug 2025 17:18

Instrument :

BNA_N

ClientSampleId :

MW-19B-71.5-081325-FD

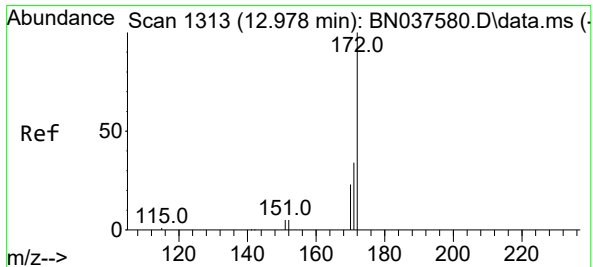
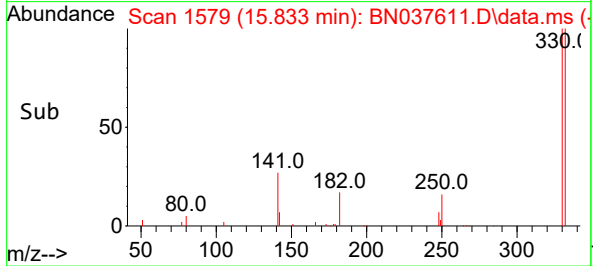
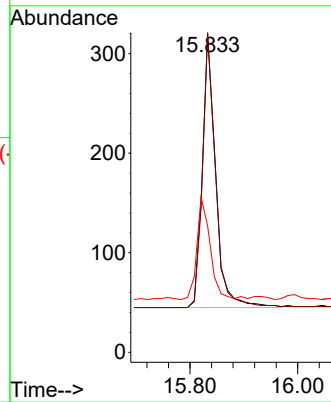
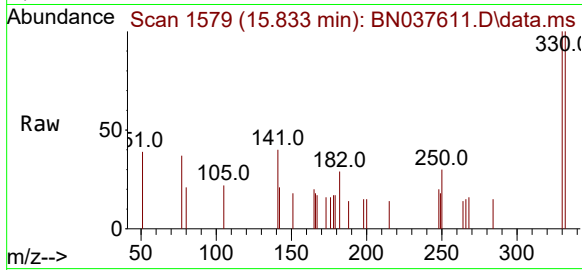
Tgt Ion:330 Resp: 474

Ion Ratio Lower Upper

330 100

332 98.1 77.4 116.0

141 36.9 30.9 46.3



#15

2-Fluorobiphenyl

Concen: 0.363 ng

RT: 12.973 min Scan# 1312

Delta R.T. -0.005 min

Lab File: BN037611.D

Acq: 19 Aug 2025 17:18

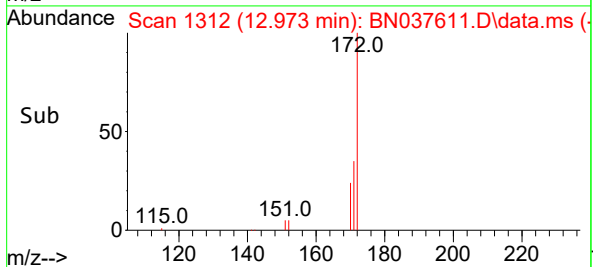
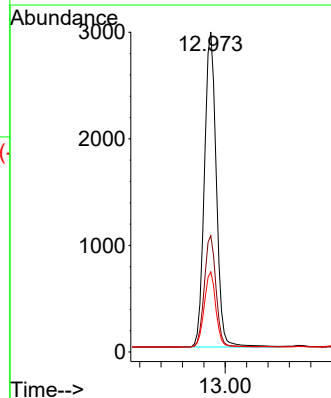
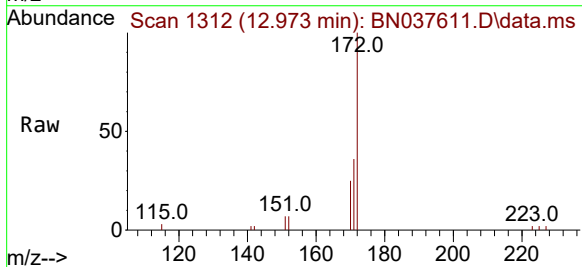
Tgt Ion:172 Resp: 6190

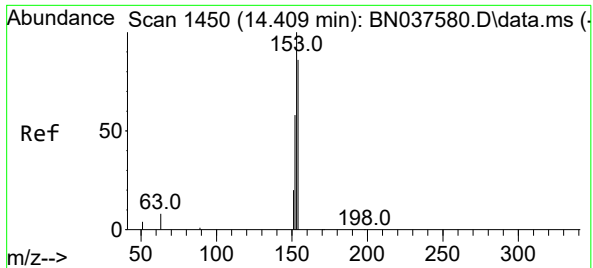
Ion Ratio Lower Upper

172 100

171 36.4 28.2 42.4

170 25.1 19.2 28.8

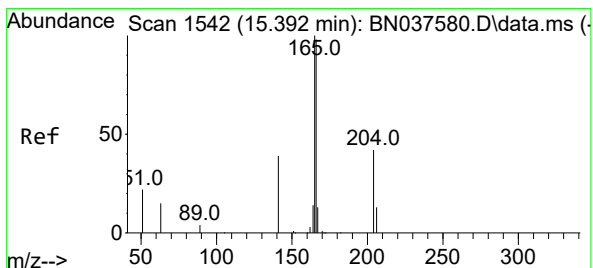
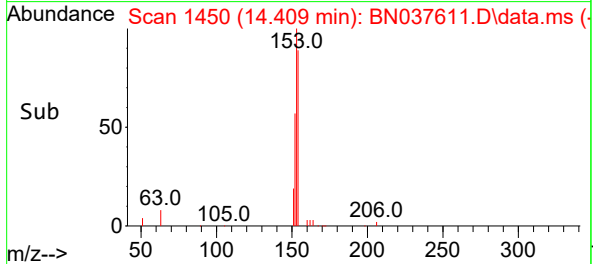
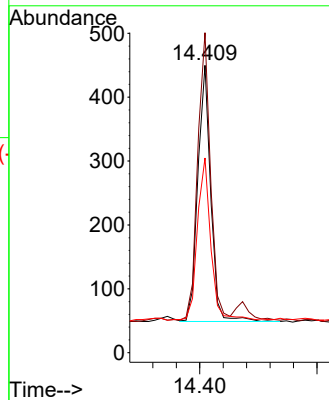
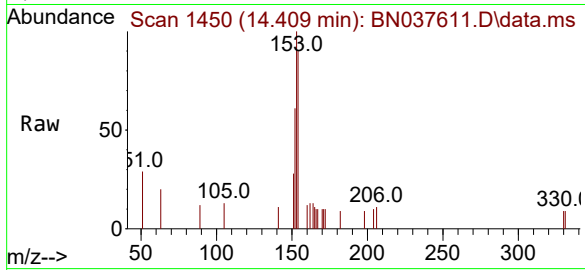




#17
Acenaphthene
Concen: 0.068 ng
RT: 14.409 min Scan# 1450
Delta R.T. 0.000 min
Lab File: BN037611.D
Acq: 19 Aug 2025 17:18

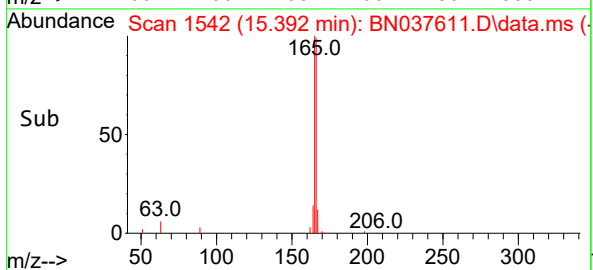
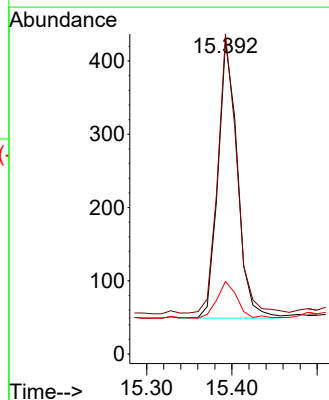
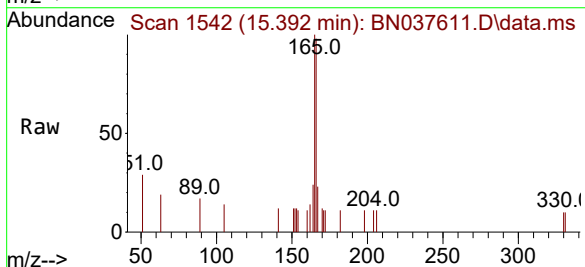
Instrument :
BNA_N
ClientSampleId :
MW-19B-71.5-081325-FD

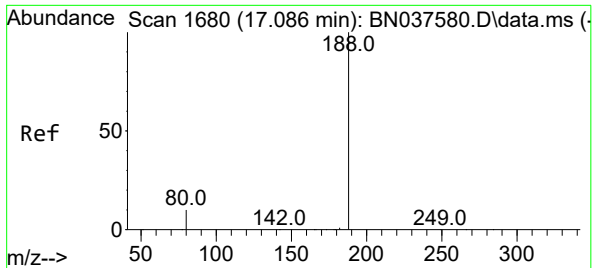
Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.1	90.6	135.8
152	65.4	54.9	82.3



#18
Fluorene
Concen: 0.051 ng
RT: 15.392 min Scan# 1542
Delta R.T. 0.000 min
Lab File: BN037611.D
Acq: 19 Aug 2025 17:18

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.9	118.3
167	13.8	10.7	16.1

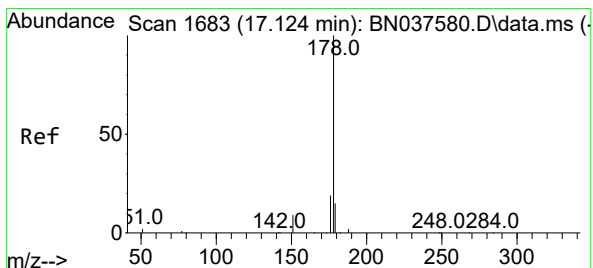
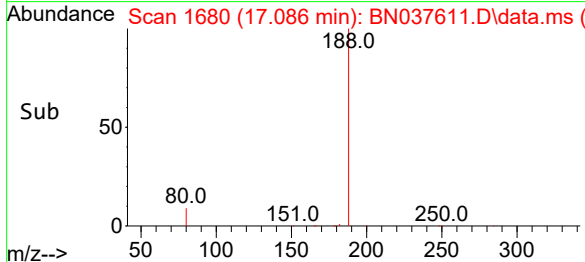
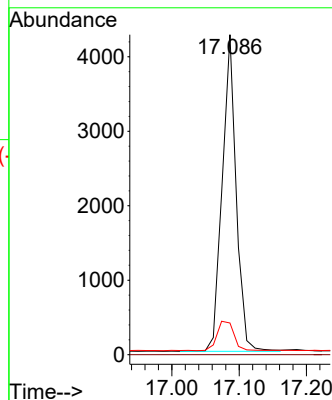
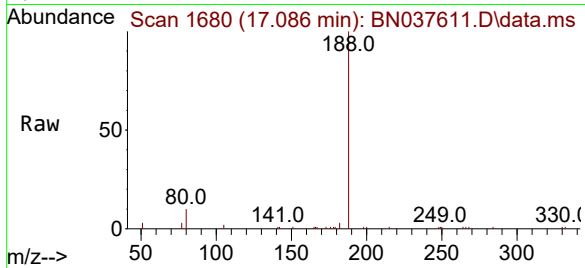




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.086 min Scan# 1680
Delta R.T. 0.000 min
Lab File: BN037611.D
Acq: 19 Aug 2025 17:18

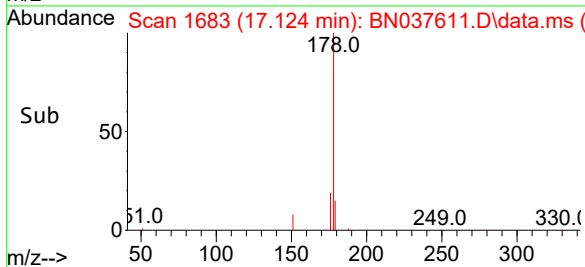
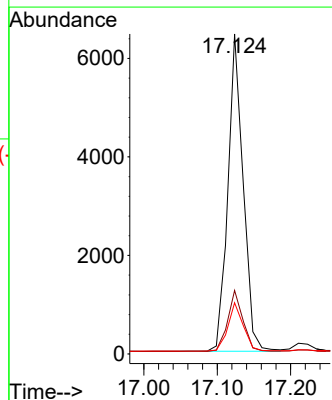
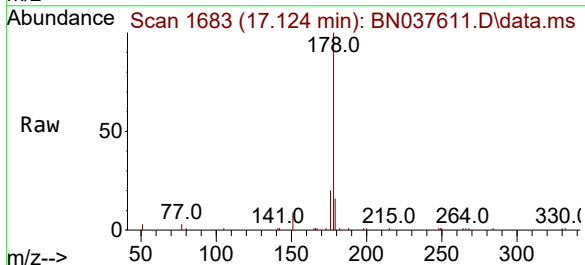
Instrument :
BNA_N
ClientSampleId :
MW-19B-71.5-081325-FD

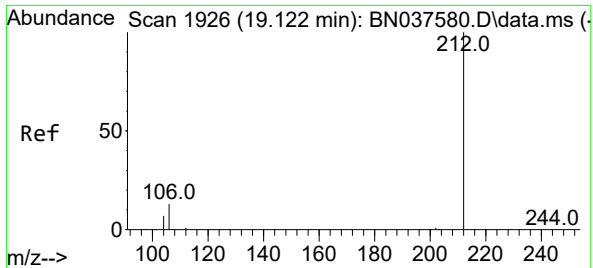
Tgt Ion:188 Resp: 6117
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.9 9.1 13.7



#25
Phenanthrene
Concen: 0.501 ng
RT: 17.124 min Scan# 1683
Delta R.T. 0.000 min
Lab File: BN037611.D
Acq: 19 Aug 2025 17:18

Tgt Ion:178 Resp: 9312
Ion Ratio Lower Upper
178 100
176 19.1 15.0 22.6
179 15.5 12.3 18.5

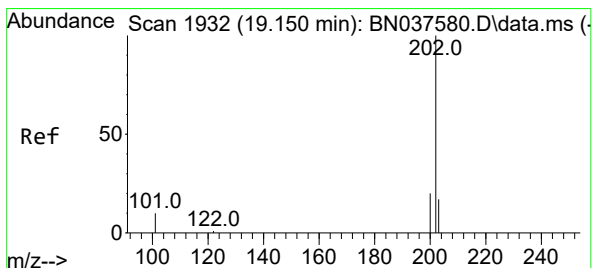
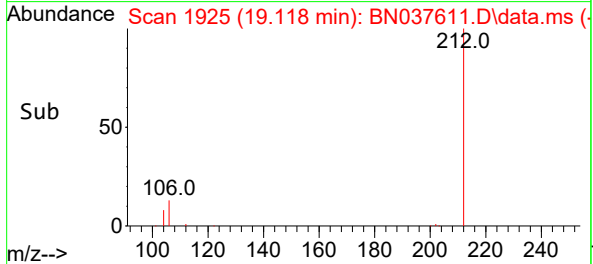
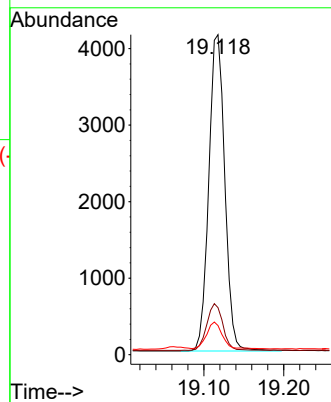
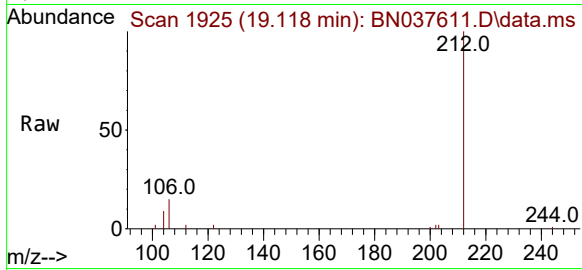




#27
Fluoranthene-d10
Concen: 0.357 ng
RT: 19.118 min Scan# 1925
Delta R.T. -0.005 min
Lab File: BN037611.D
Acq: 19 Aug 2025 17:18

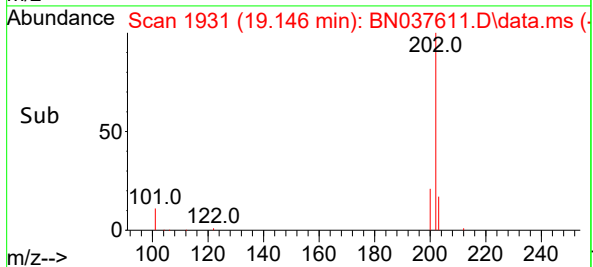
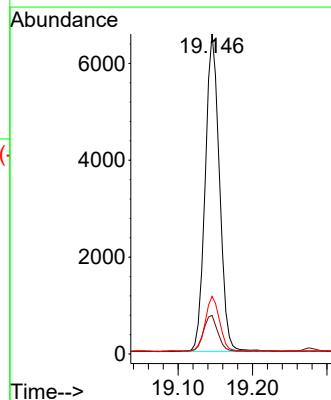
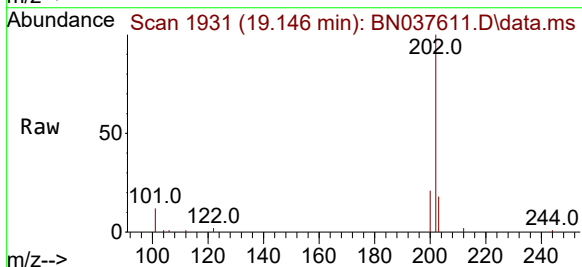
Instrument :
BNA_N
ClientSampleId :
MW-19B-71.5-081325-FD

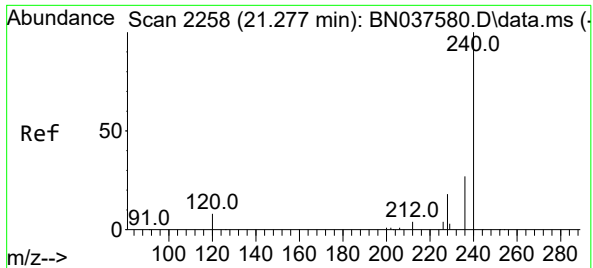
Tgt Ion:212 Resp: 5749
Ion Ratio Lower Upper
212 100
106 14.8 11.5 17.3
104 8.6 6.6 9.8



#28
Fluoranthene
Concen: 0.408 ng
RT: 19.146 min Scan# 1931
Delta R.T. -0.005 min
Lab File: BN037611.D
Acq: 19 Aug 2025 17:18

Tgt Ion:202 Resp: 8713
Ion Ratio Lower Upper
202 100
101 11.4 9.0 13.6
203 17.1 13.8 20.8





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.268 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN037611.D

Acq: 19 Aug 2025 17:18

Instrument :

BNA_N

ClientSampleId :

MW-19B-71.5-081325-FD

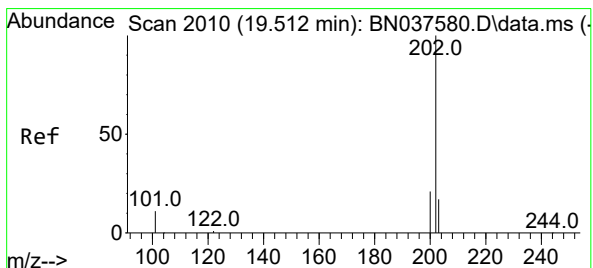
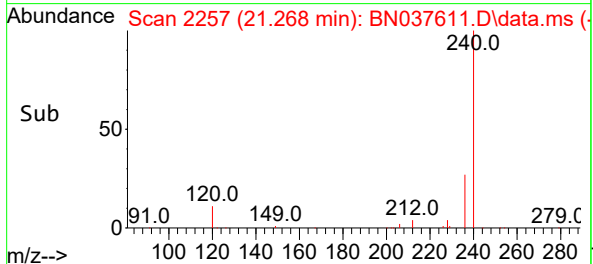
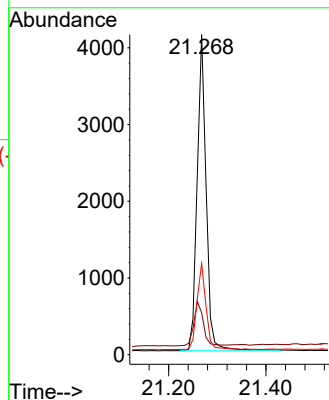
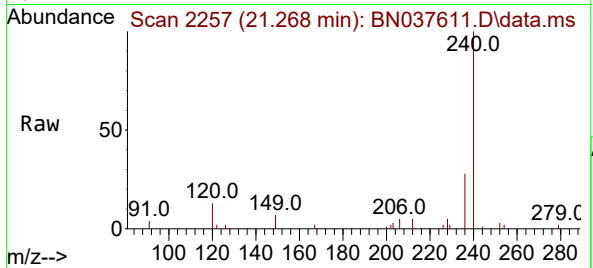
Tgt Ion:240 Resp: 5268

Ion Ratio Lower Upper

240 100

120 13.1 8.9 13.3

236 28.5 22.6 33.8



#30

Pyrene

Concen: 0.298 ng

RT: 19.508 min Scan# 2009

Delta R.T. -0.005 min

Lab File: BN037611.D

Acq: 19 Aug 2025 17:18

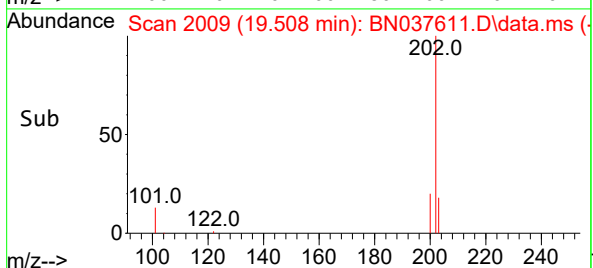
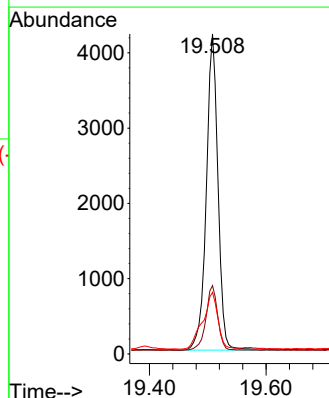
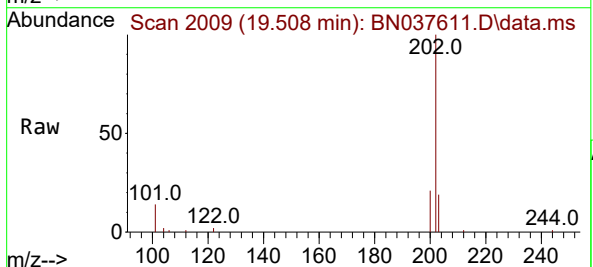
Tgt Ion:202 Resp: 5864

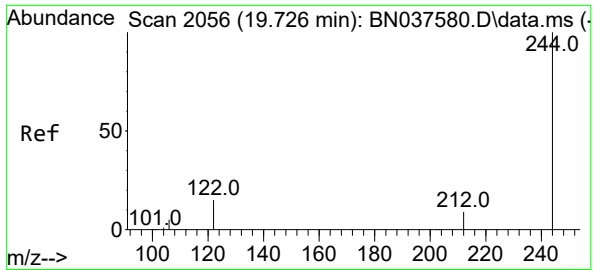
Ion Ratio Lower Upper

202 100

200 20.8 16.6 25.0

203 23.2 14.3 21.5#

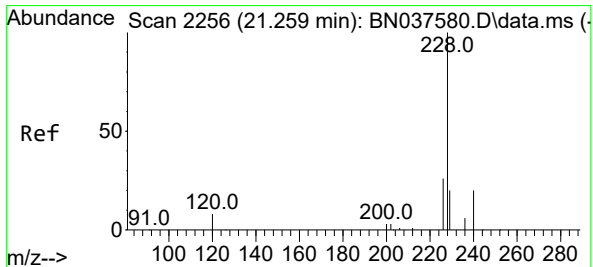
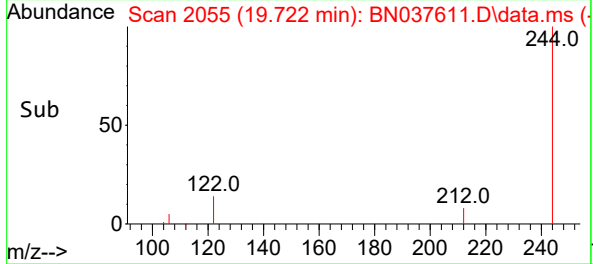
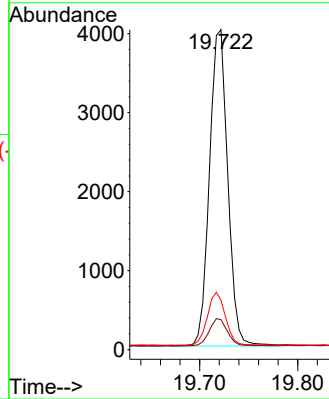
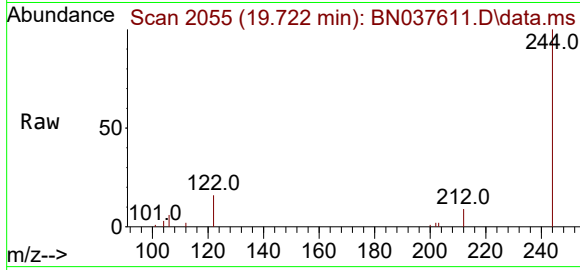




#31
Terphenyl-d14
Concen: 0.478 ng
RT: 19.722 min Scan# 2056
Delta R.T. -0.005 min
Lab File: BN037611.D
Acq: 19 Aug 2025 17:18

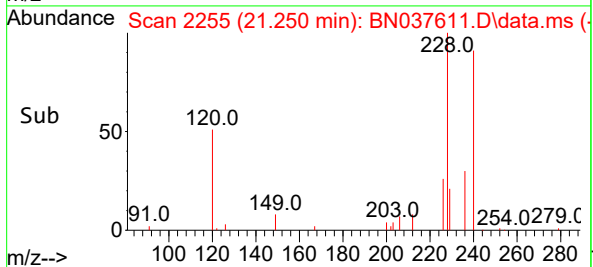
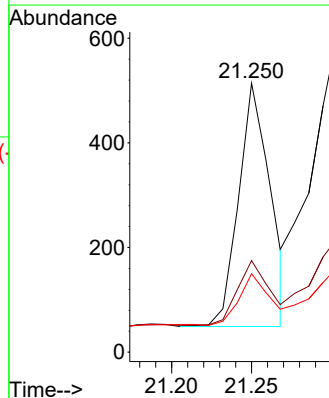
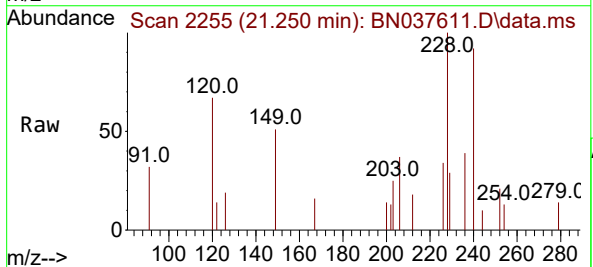
Instrument :
BNA_N
ClientSampleId :
MW-19B-71.5-081325-FD

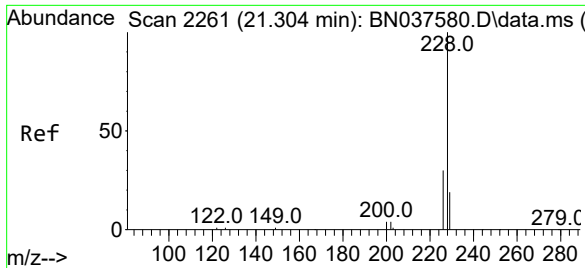
Tgt Ion:244 Resp: 5180
Ion Ratio Lower Upper
244 100
212 9.4 8.2 12.2
122 15.5 13.2 19.8



#32
Benzo(a)anthracene
Concen: 0.036 ng
RT: 21.250 min Scan# 2255
Delta R.T. -0.009 min
Lab File: BN037611.D
Acq: 19 Aug 2025 17:18

Tgt Ion:228 Resp: 641
Ion Ratio Lower Upper
228 100
226 34.0 21.5 32.3#
229 29.2 16.5 24.7#





#33

Chrysene

Concen: 0.051 ng

RT: 21.304 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN037611.D

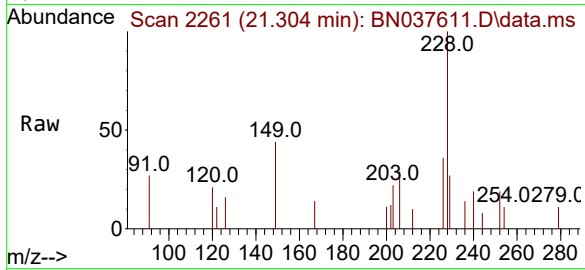
Acq: 19 Aug 2025 17:18

Instrument :

BNA_N

ClientSampleId :

MW-19B-71.5-081325-FD



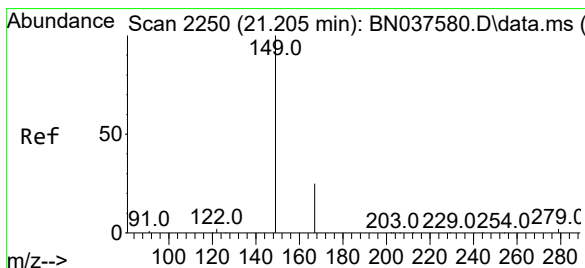
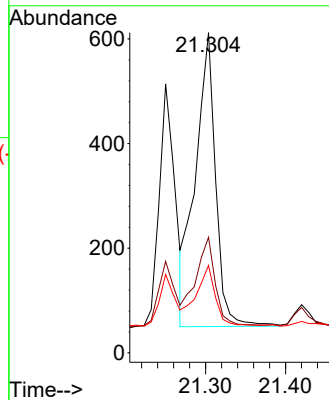
Tgt Ion:228 Resp: 991

Ion Ratio Lower Upper

228 100

226 36.1 24.9 37.3

229 27.3 15.8 23.8#



#34

Bis(2-ethylhexyl)phthalate

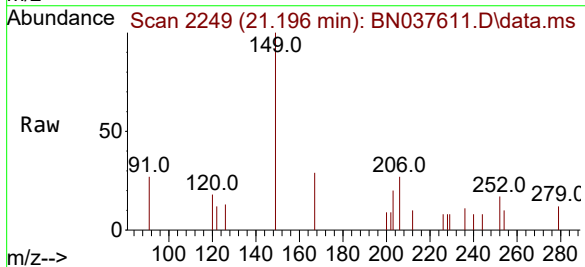
Concen: 0.070 ng

RT: 21.196 min Scan# 2249

Delta R.T. -0.009 min

Lab File: BN037611.D

Acq: 19 Aug 2025 17:18



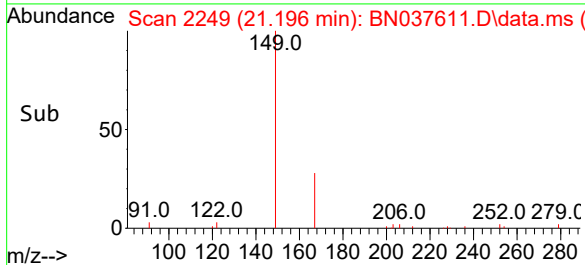
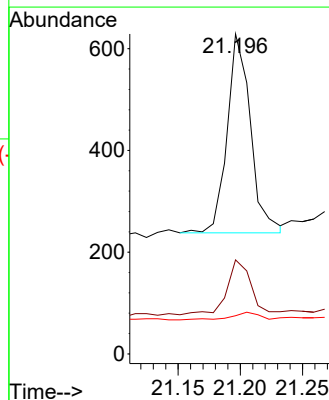
Tgt Ion:149 Resp: 511

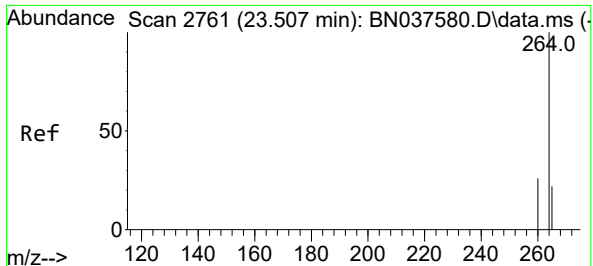
Ion Ratio Lower Upper

149 100

167 28.6 20.5 30.7

279 4.7 2.6 4.0#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.502 min Scan# 21

Delta R.T. -0.006 min

Lab File: BN037611.D

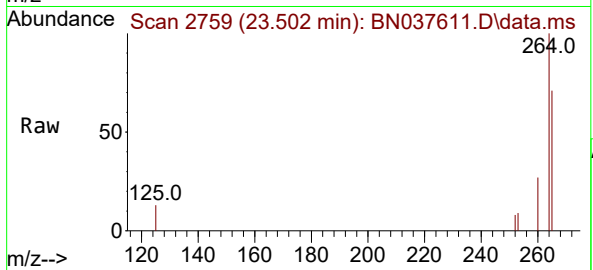
Acq: 19 Aug 2025 17:18

Instrument :

BNA_N

ClientSampleId :

MW-19B-71.5-081325-FD



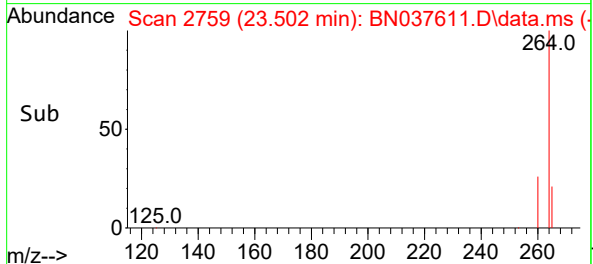
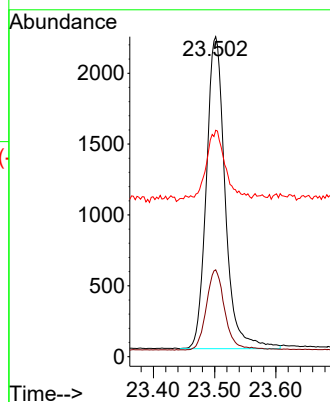
Tgt Ion:264 Resp: 4705

Ion	Ratio	Lower	Upper
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264	100		
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260	27.1	21.6	32.4
-----	------	------	------

265	70.7	48.2	72.4
-----	------	------	------



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081925\
 Data File : BN037612.D
 Acq On : 19 Aug 2025 17:54
 Operator : RC/JU
 Sample : Q2869-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EB01-081325

Quant Time: Aug 20 01:28:03 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 13 05:00:58 2025
 Response via : Initial Calibration

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

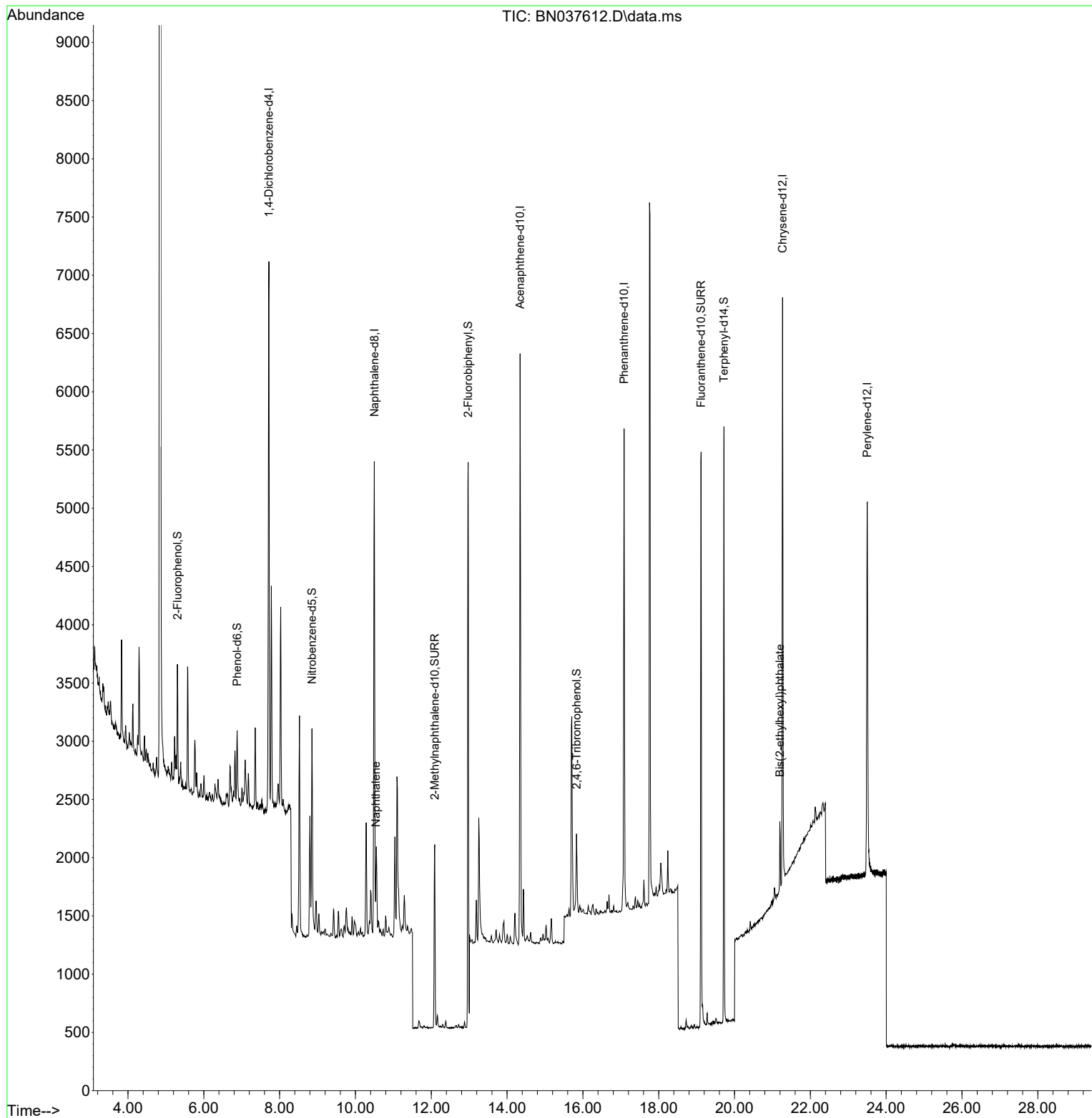
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	2243	0.400	ng	0.00
7) Naphthalene-d8	10.498	136	5421	0.400	ng	0.00
13) Acenaphthene-d10	14.345	164	2768	0.400	ng	0.00
19) Phenanthrene-d10	17.086	188	5604	0.400	ng	0.00
29) Chrysene-d12	21.268	240	4806	0.400	ng	# 0.00
35) Perylene-d12	23.502	264	4479	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.305	112	763	0.150	ng	0.00
5) Phenol-d6	6.879	99	559	0.091	ng	0.00
8) Nitrobenzene-d5	8.854	82	1354	0.355	ng	0.00
11) 2-Methylnaphthalene-d10	12.090	152	2242	0.304	ng	0.00
14) 2,4,6-Tribromophenol	15.833	330	427	0.352	ng	0.00
15) 2-Fluorobiphenyl	12.973	172	6231	0.389	ng	0.00
27) Fluoranthene-d10	19.118	212	5735	0.389	ng	0.00
31) Terphenyl-d14	19.722	244	4846	0.490	ng	0.00
Target Compounds						
9) Naphthalene	10.541	128	328	0.023	ng	# 55
34) Bis(2-ethylhexyl)phtha...	21.196	149	615	0.093	ng	# 98

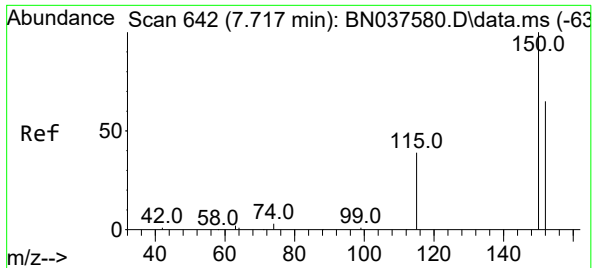
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081925\
Data File : BN037612.D
Acq On : 19 Aug 2025 17:54
Operator : RC/JU
Sample : Q2869-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EB01-081325

Quant Time: Aug 20 01:28:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 13 05:00:58 2025
Response via : Initial Calibration

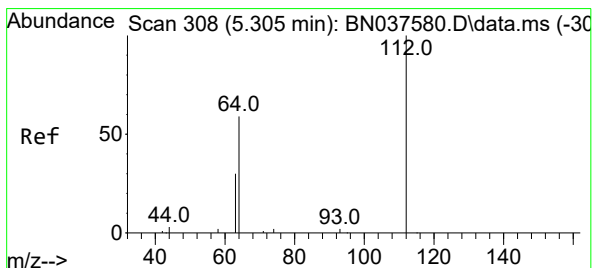
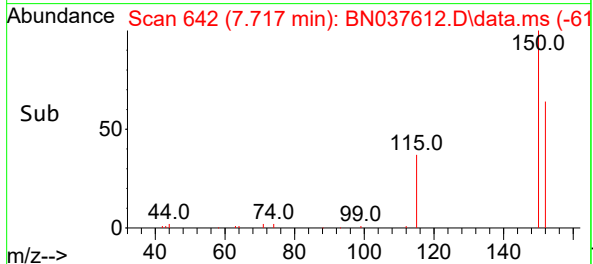
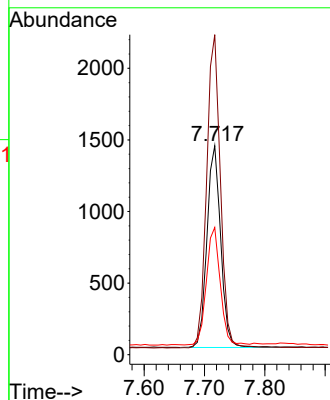
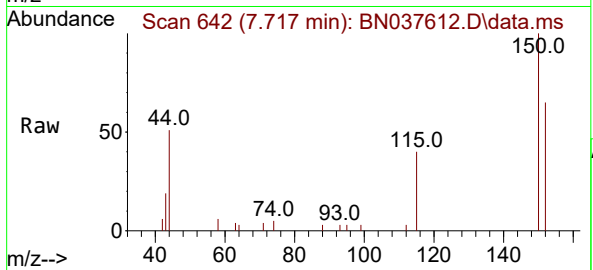




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.717 min Scan# 642
Delta R.T. 0.000 min
Lab File: BN037612.D
Acq: 19 Aug 2025 17:54

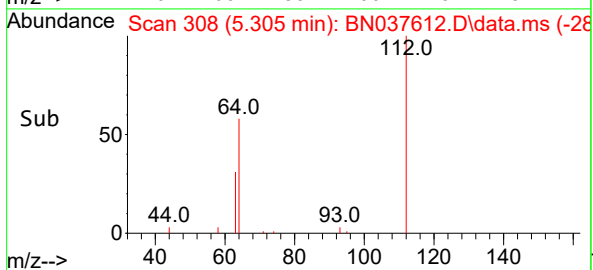
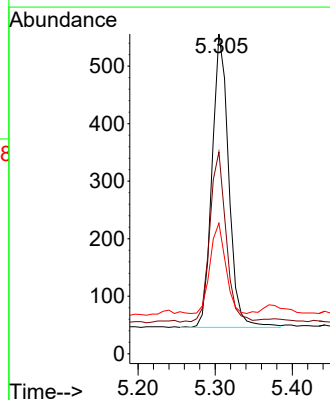
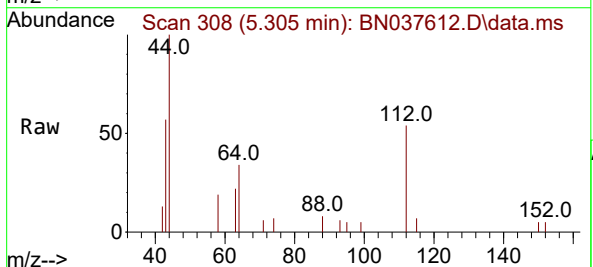
Instrument :
BNA_N
ClientSampleId :
EB01-081325

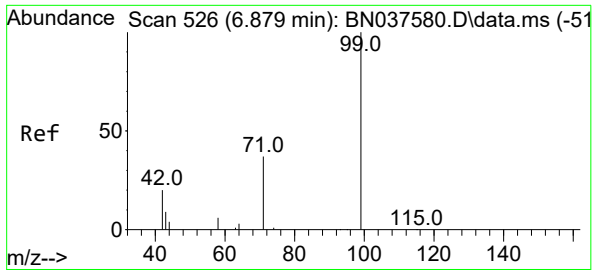
Tgt Ion:152 Resp: 2243
Ion Ratio Lower Upper
152 100
150 153.2 122.2 183.4
115 60.9 49.8 74.6



#4
2-Fluorophenol
Concen: 0.150 ng
RT: 5.305 min Scan# 308
Delta R.T. 0.000 min
Lab File: BN037612.D
Acq: 19 Aug 2025 17:54

Tgt Ion:112 Resp: 763
Ion Ratio Lower Upper
112 100
64 56.7 44.9 67.3
63 29.5 23.4 35.2

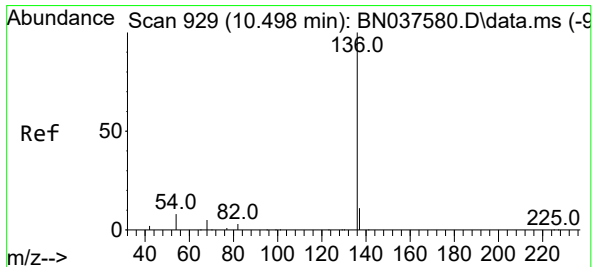
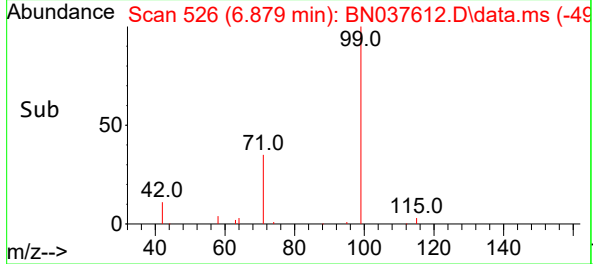
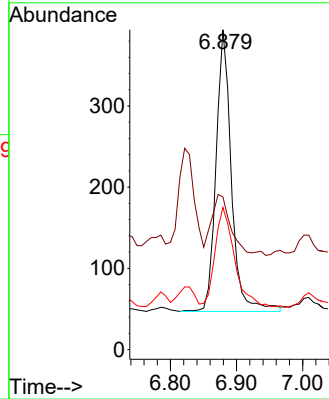
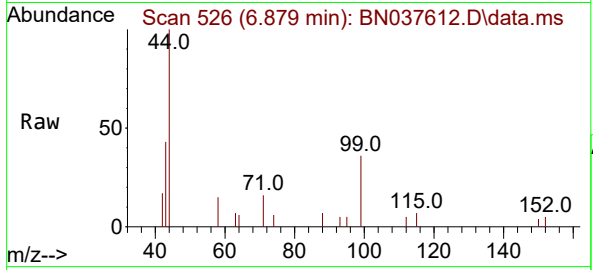




#5
Phenol-d6
Concen: 0.091 ng
RT: 6.879 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN037612.D
Acq: 19 Aug 2025 17:54

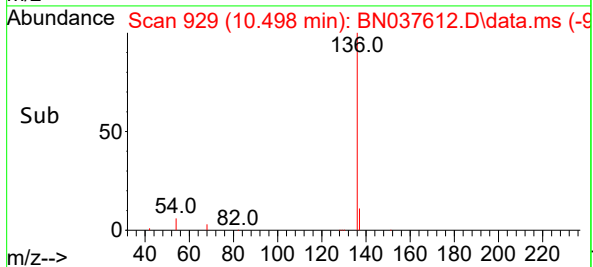
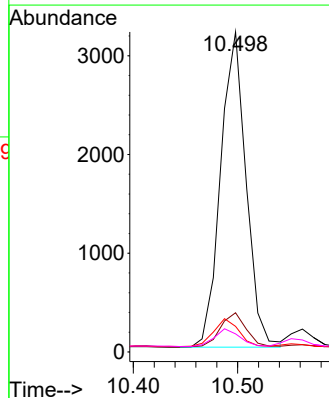
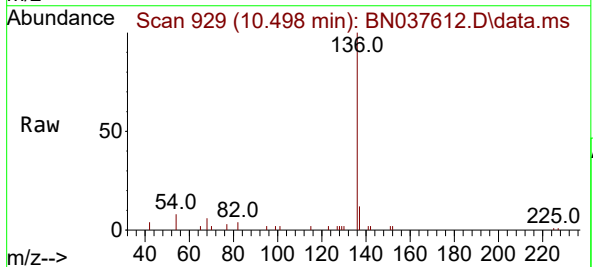
Instrument :
BNA_N
ClientSampleId :
EB01-081325

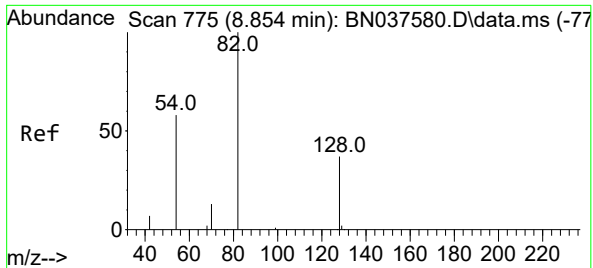
Tgt Ion: 99 Resp: 559
Ion Ratio Lower Upper
99 100
42 24.2 18.5 27.7
71 45.4 28.6 42.8#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.498 min Scan# 929
Delta R.T. 0.000 min
Lab File: BN037612.D
Acq: 19 Aug 2025 17:54

Tgt Ion: 136 Resp: 5421
Ion Ratio Lower Upper
136 100
137 12.2 9.5 14.3
54 8.0 7.3 10.9
68 5.7 5.1 7.7

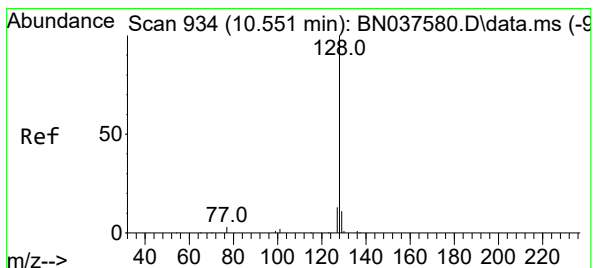
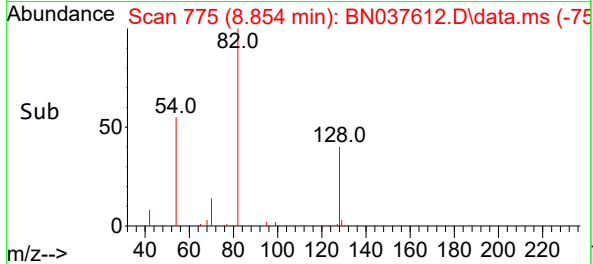
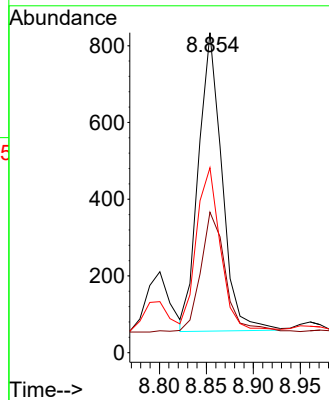
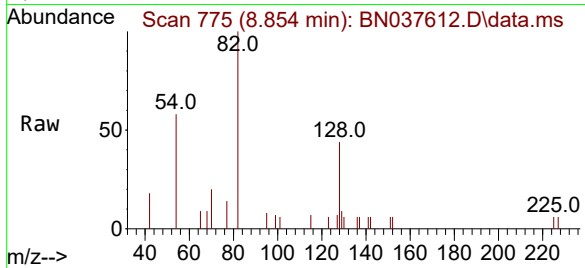




#8
Nitrobenzene-d5
Concen: 0.355 ng
RT: 8.854 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN037612.D
Acq: 19 Aug 2025 17:54

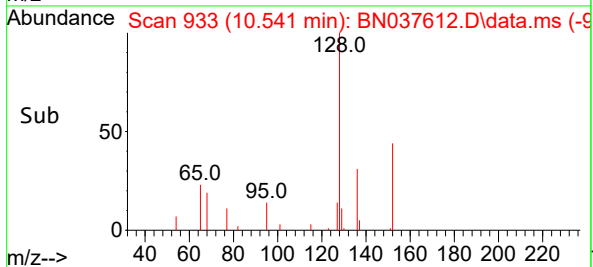
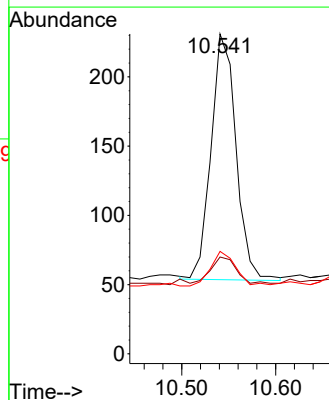
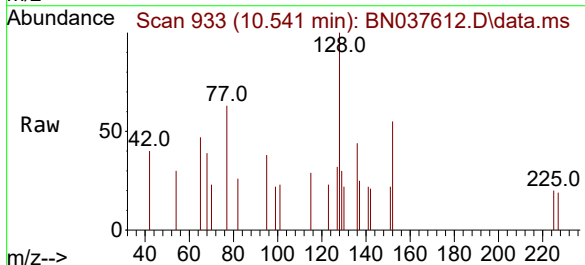
Instrument :
BNA_N
ClientSampleId :
EB01-081325

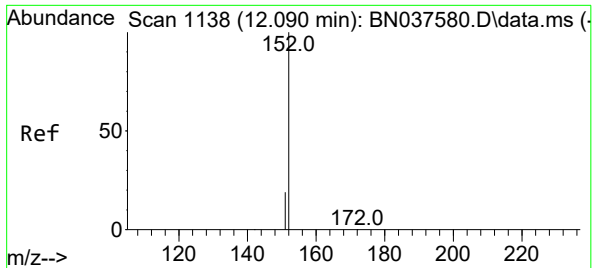
Tgt Ion:	82	Resp:	1354
Ion	Ratio	Lower	Upper
82	100		
128	43.9	32.6	48.8
54	57.8	48.9	73.3



#9
Naphthalene
Concen: 0.023 ng
RT: 10.541 min Scan# 933
Delta R.T. -0.011 min
Lab File: BN037612.D
Acq: 19 Aug 2025 17:54

Tgt Ion:	128	Resp:	328
Ion	Ratio	Lower	Upper
128	100		
129	30.3	9.8	14.6#
127	32.0	11.5	17.3#

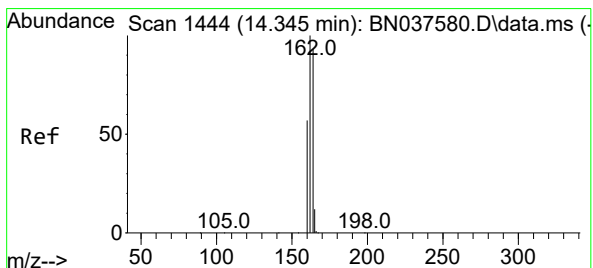
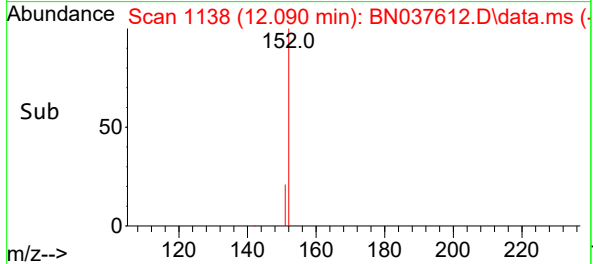
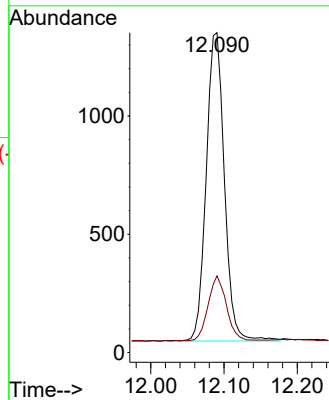
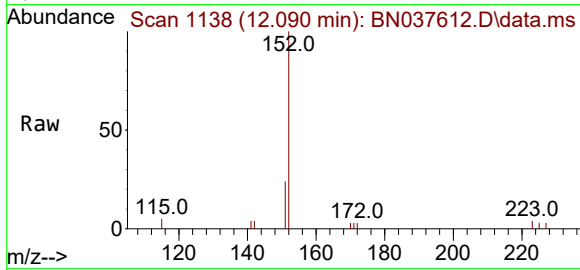




#11
2-Methylnaphthalene-d10
Concen: 0.304 ng
RT: 12.090 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BN037612.D
Acq: 19 Aug 2025 17:54

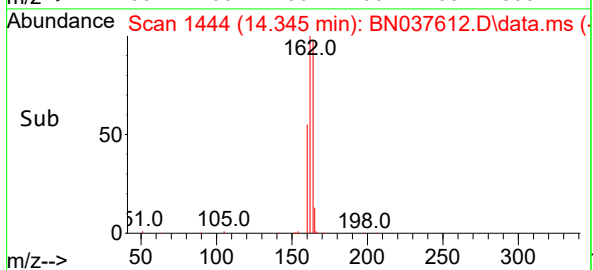
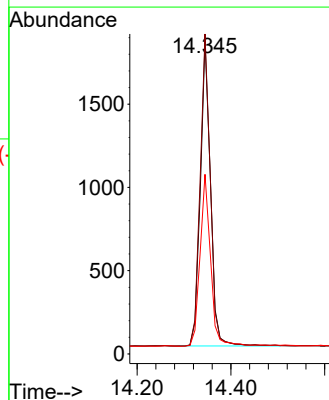
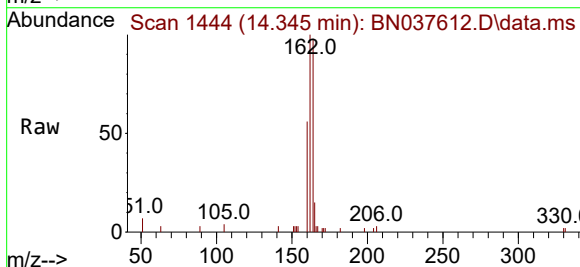
Instrument :
BNA_N
ClientSampleId :
EB01-081325

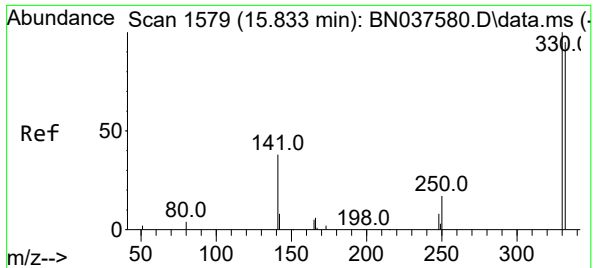
Tgt Ion:152 Resp: 2242
Ion Ratio Lower Upper
152 100
151 21.6 17.3 25.9



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.345 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BN037612.D
Acq: 19 Aug 2025 17:54

Tgt Ion:164 Resp: 2768
Ion Ratio Lower Upper
164 100
162 102.0 85.5 128.3
160 57.3 49.5 74.3

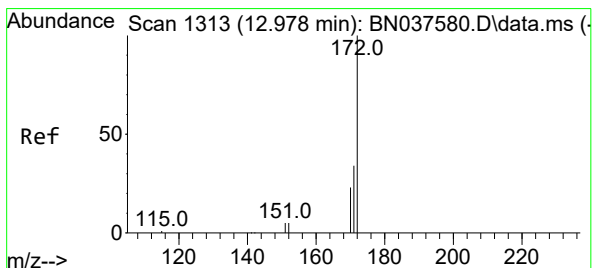
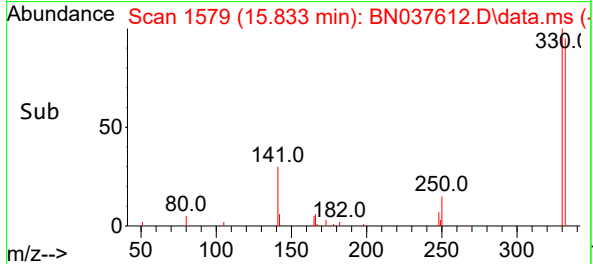
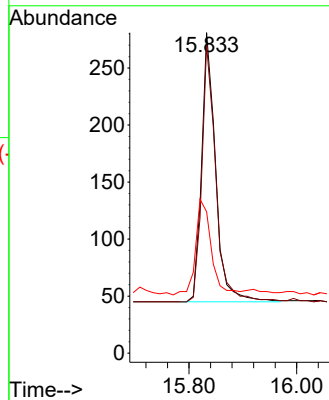
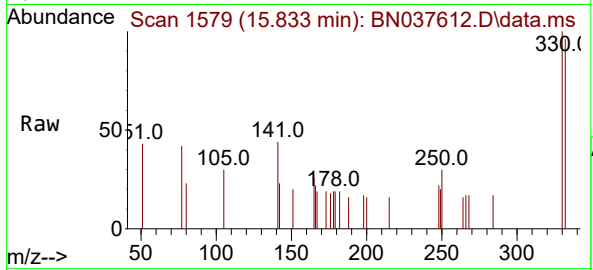




#14
2,4,6-Tribromophenol
Concen: 0.352 ng
RT: 15.833 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN037612.D
Acq: 19 Aug 2025 17:54

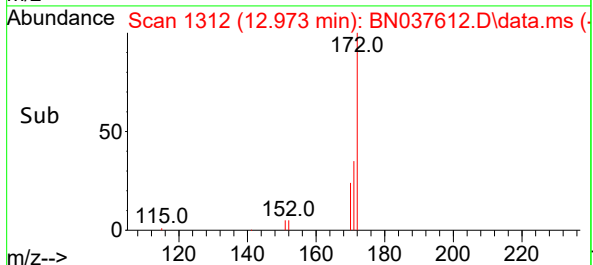
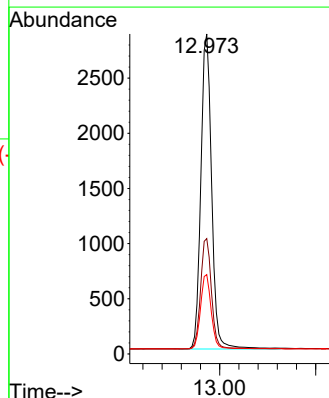
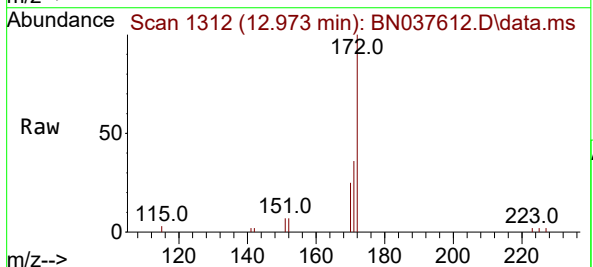
Instrument :
BNA_N
ClientSampleId :
EB01-081325

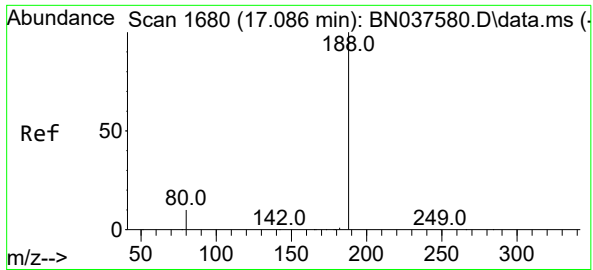
Tgt Ion:330 Resp: 427
Ion Ratio Lower Upper
330 100
332 95.3 77.4 116.0
141 40.0 30.9 46.3



#15
2-Fluorobiphenyl
Concen: 0.389 ng
RT: 12.973 min Scan# 1312
Delta R.T. -0.005 min
Lab File: BN037612.D
Acq: 19 Aug 2025 17:54

Tgt Ion:172 Resp: 6231
Ion Ratio Lower Upper
172 100
171 36.1 28.2 42.4
170 24.8 19.2 28.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.086 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN037612.D

Acq: 19 Aug 2025 17:54

Instrument :

BNA_N

ClientSampleId :

EB01-081325

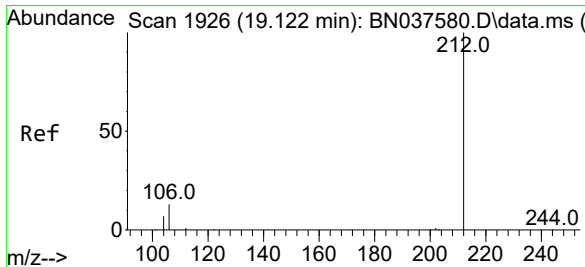
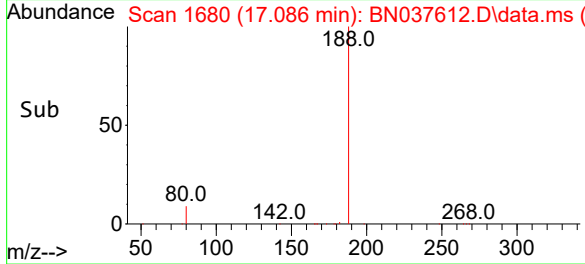
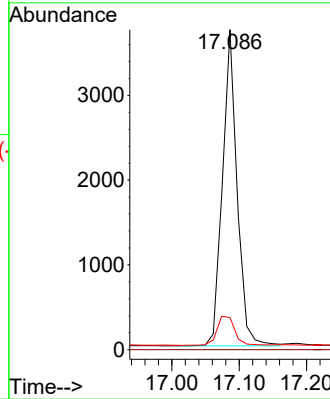
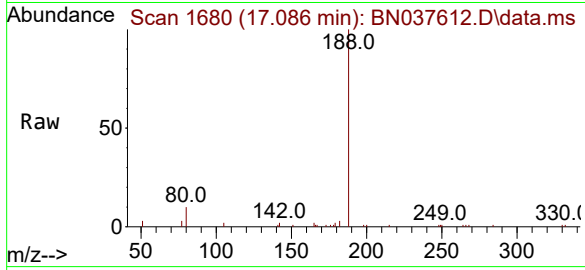
Tgt Ion:188 Resp: 5604

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.0 9.1 13.7



#27

Fluoranthene-d10

Concen: 0.389 ng

RT: 19.118 min Scan# 1925

Delta R.T. -0.005 min

Lab File: BN037612.D

Acq: 19 Aug 2025 17:54

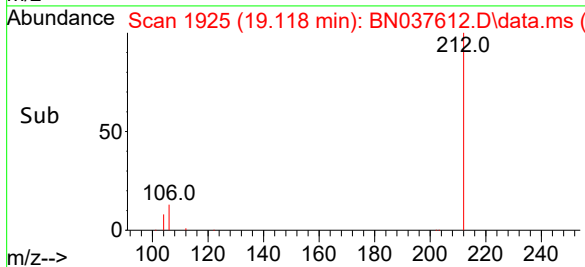
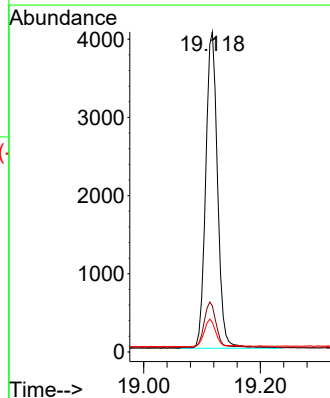
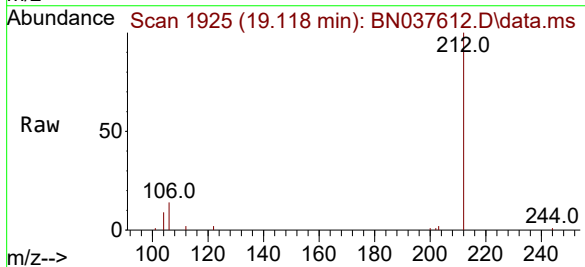
Tgt Ion:212 Resp: 5735

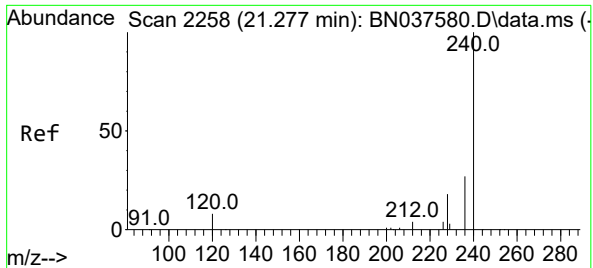
Ion Ratio Lower Upper

212 100

106 14.6 11.5 17.3

104 8.5 6.6 9.8





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.268 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN037612.D

Acq: 19 Aug 2025 17:54

Instrument :

BNA_N

ClientSampleId :

EB01-081325

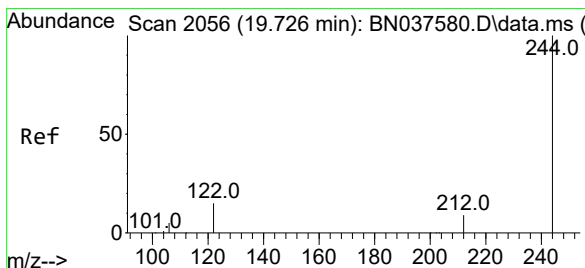
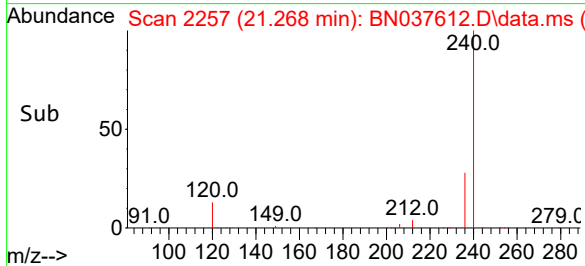
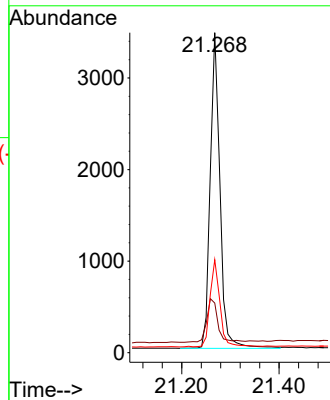
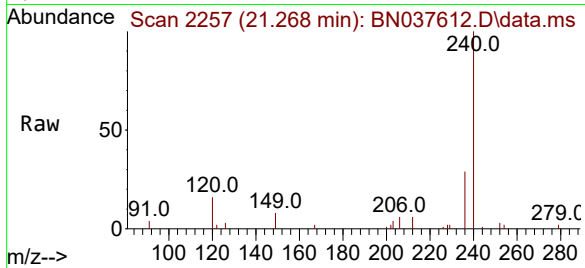
Tgt Ion:240 Resp: 4806

Ion Ratio Lower Upper

240 100

120 15.5 8.9 13.3#

236 29.0 22.6 33.8



#31

Terphenyl-d14

Concen: 0.490 ng

RT: 19.722 min Scan# 2055

Delta R.T. -0.005 min

Lab File: BN037612.D

Acq: 19 Aug 2025 17:54

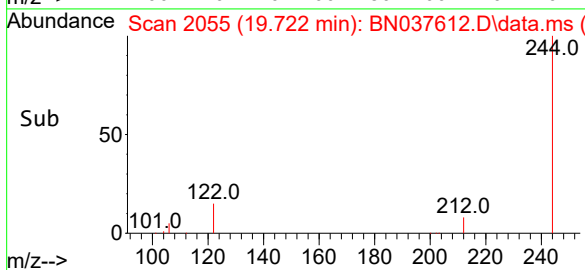
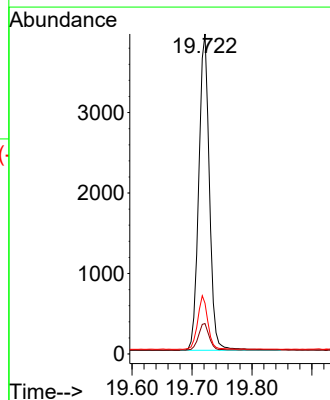
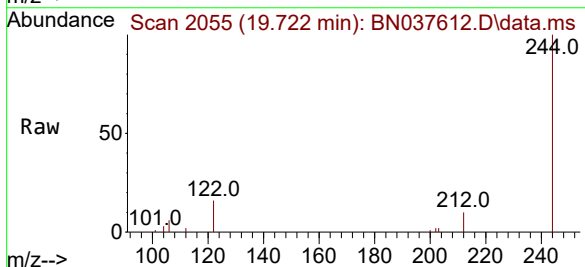
Tgt Ion:244 Resp: 4846

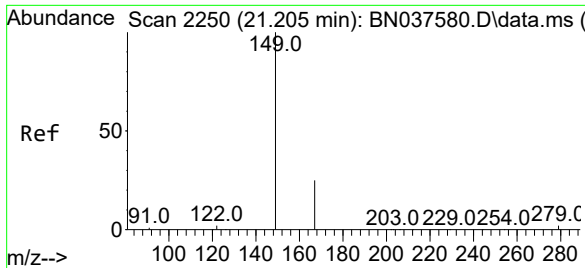
Ion Ratio Lower Upper

244 100

212 9.5 8.2 12.2

122 15.9 13.2 19.8

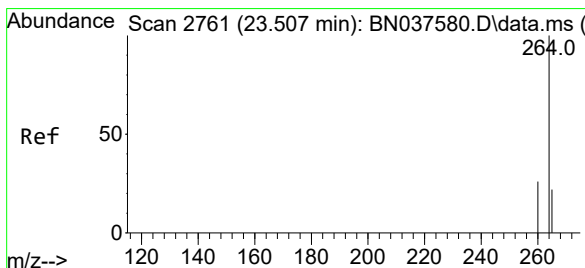
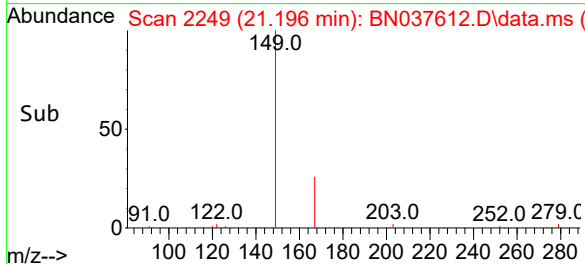
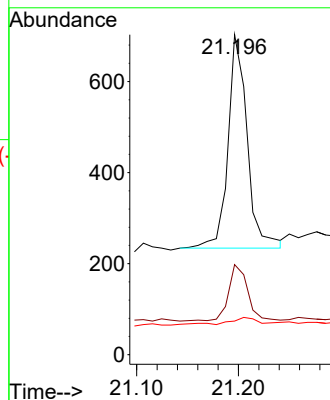
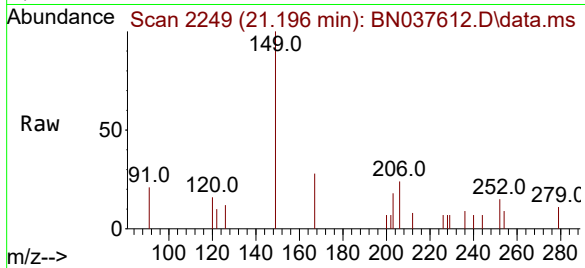




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.093 ng
RT: 21.196 min Scan# 2119
Delta R.T. -0.009 min
Lab File: BN037612.D
Acq: 19 Aug 2025 17:54

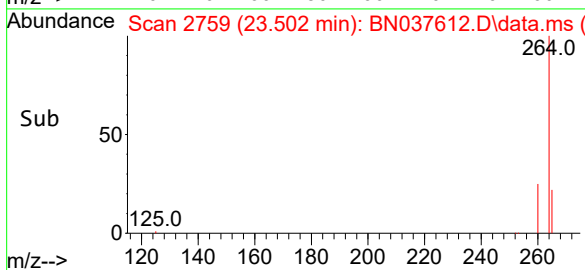
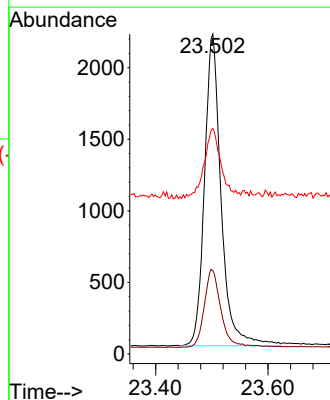
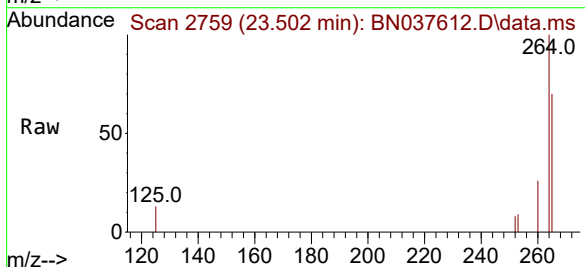
Instrument :
BNA_N
ClientSampleId :
EB01-081325

Tgt Ion:149 Resp: 615
Ion Ratio Lower Upper
149 100
167 26.5 20.5 30.7
279 4.4 2.6 4.0#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.502 min Scan# 2759
Delta R.T. -0.006 min
Lab File: BN037612.D
Acq: 19 Aug 2025 17:54

Tgt Ion:264 Resp: 4479
Ion Ratio Lower Upper
264 100
260 26.1 21.6 32.4
265 70.5 48.2 72.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081925\
 Data File : BN037613.D
 Acq On : 19 Aug 2025 18:30
 Operator : RC/JU
 Sample : Q2869-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EB02-081325

Quant Time: Aug 20 01:28:26 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 13 05:00:58 2025
 Response via : Initial Calibration

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

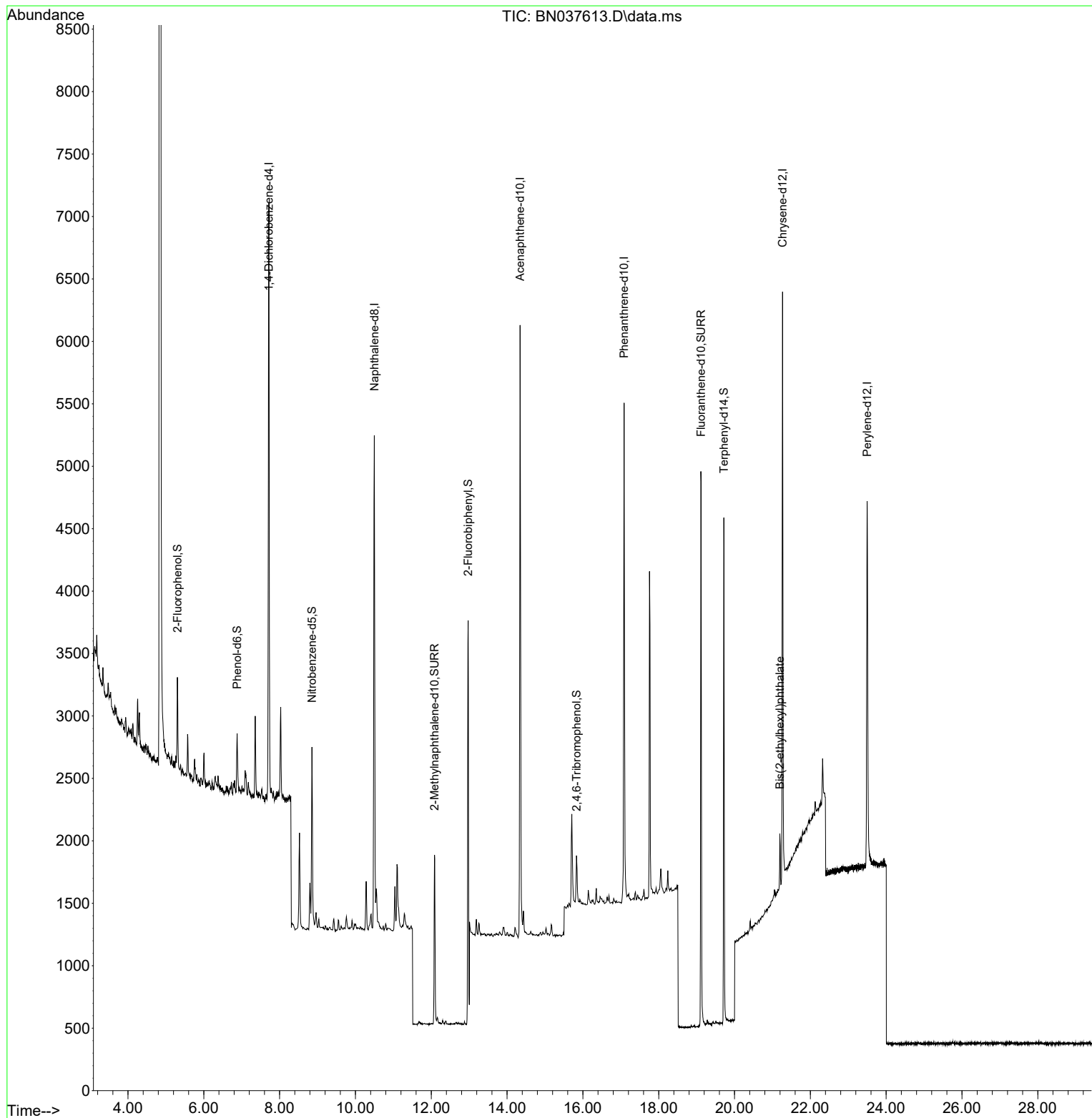
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	2371	0.400	ng	0.00
7) Naphthalene-d8	10.498	136	5789	0.400	ng	0.00
13) Acenaphthene-d10	14.345	164	2832	0.400	ng	0.00
19) Phenanthrene-d10	17.086	188	5676	0.400	ng	0.00
29) Chrysene-d12	21.268	240	4482	0.400	ng	# 0.00
35) Perylene-d12	23.499	264	4034	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.305	112	578	0.108	ng	0.00
5) Phenol-d6	6.879	99	411	0.064	ng	0.00
8) Nitrobenzene-d5	8.854	82	1090	0.267	ng	0.00
11) 2-Methylnaphthalene-d10	12.085	152	1923	0.244	ng	0.00
14) 2,4,6-Tribromophenol	15.833	330	277	0.223	ng	0.00
15) 2-Fluorobiphenyl	12.973	172	4503	0.275	ng	0.00
27) Fluoranthene-d10	19.118	212	5122	0.343	ng	0.00
31) Terphenyl-d14	19.717	244	4041	0.438	ng	0.00
Target Compounds						Qvalue
34) Bis(2-ethylhexyl)phtha...	21.196	149	452	0.073	ng	# 99

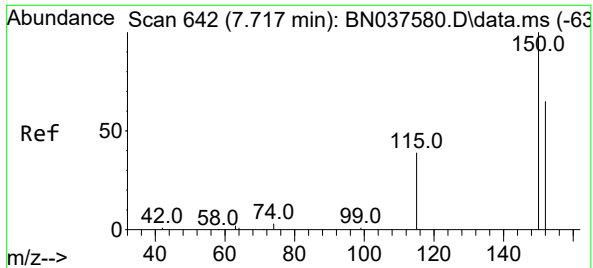
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081925\
Data File : BN037613.D
Acq On : 19 Aug 2025 18:30
Operator : RC/JU
Sample : Q2869-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EB02-081325

Quant Time: Aug 20 01:28:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 13 05:00:58 2025
Response via : Initial Calibration

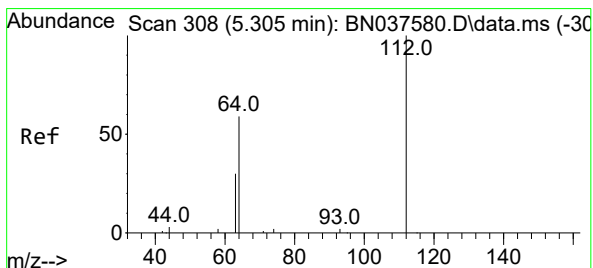
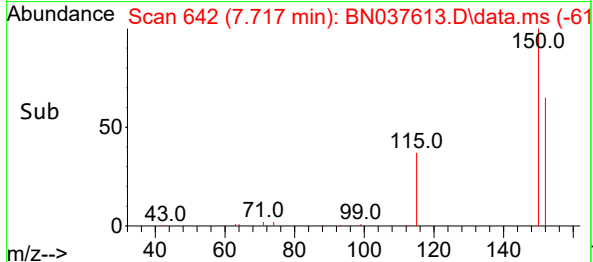
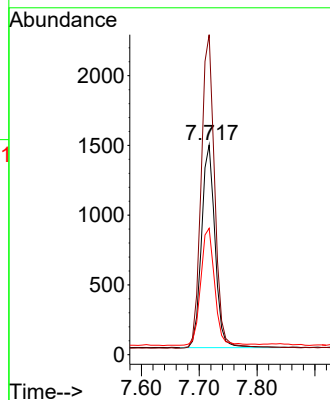
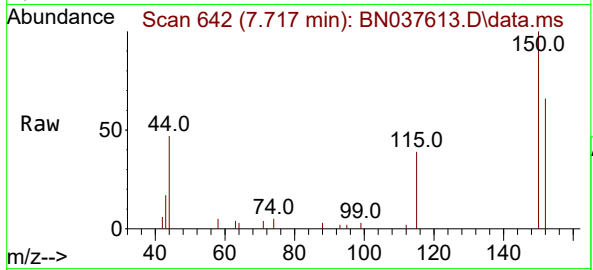




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.717 min Scan# 642
Delta R.T. 0.000 min
Lab File: BN037613.D
Acq: 19 Aug 2025 18:30

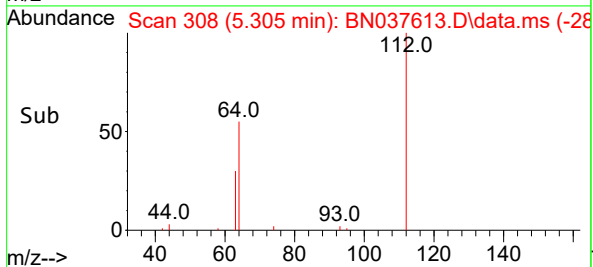
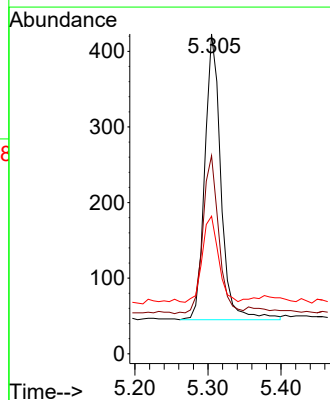
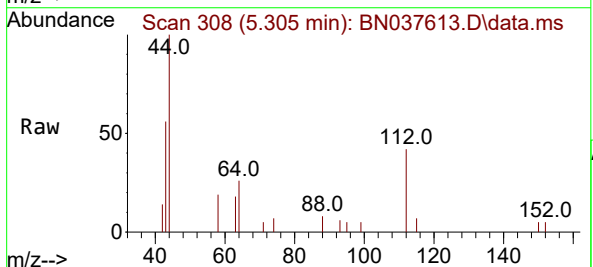
Instrument :
BNA_N
ClientSampleId :
EB02-081325

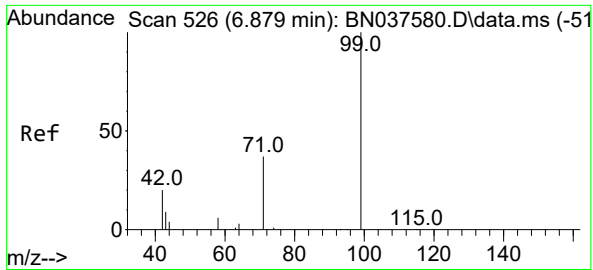
Tgt Ion:152 Resp: 2371
Ion Ratio Lower Upper
152 100
150 152.5 122.2 183.4
115 60.2 49.8 74.6



#4
2-Fluorophenol
Concen: 0.108 ng
RT: 5.305 min Scan# 308
Delta R.T. 0.000 min
Lab File: BN037613.D
Acq: 19 Aug 2025 18:30

Tgt Ion:112 Resp: 578
Ion Ratio Lower Upper
112 100
64 54.7 44.9 67.3
63 31.3 23.4 35.2

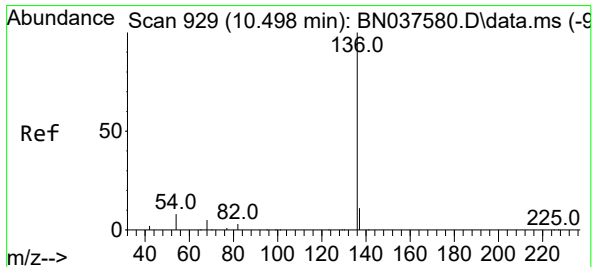
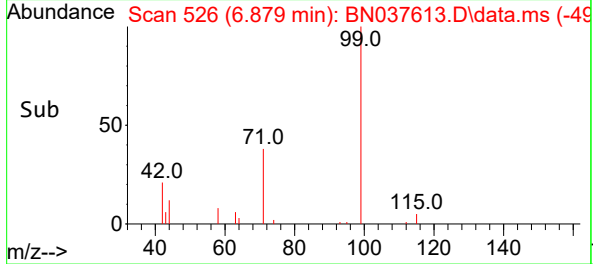
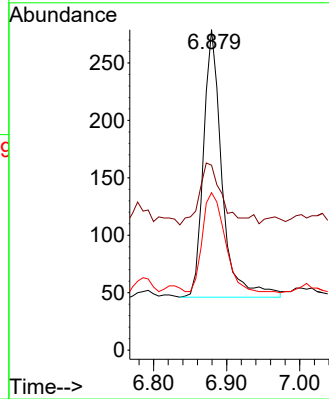
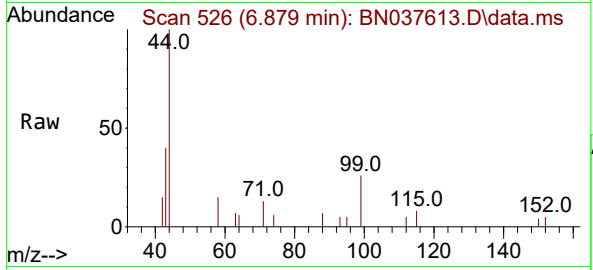




#5
Phenol-d6
Concen: 0.064 ng
RT: 6.879 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN037613.D
Acq: 19 Aug 2025 18:30

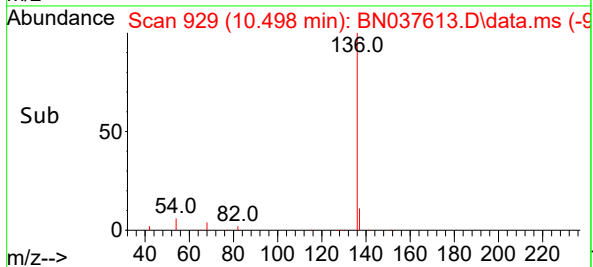
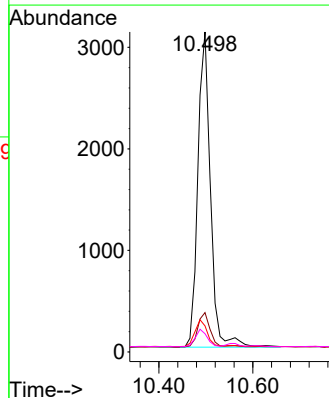
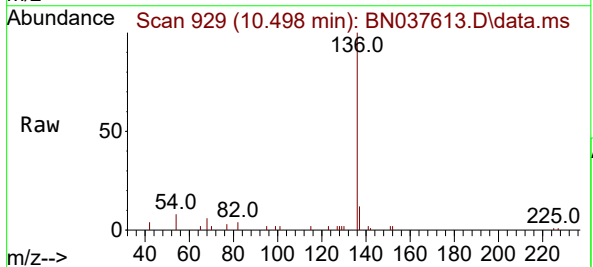
Instrument :
BNA_N
ClientSampleId :
EB02-081325

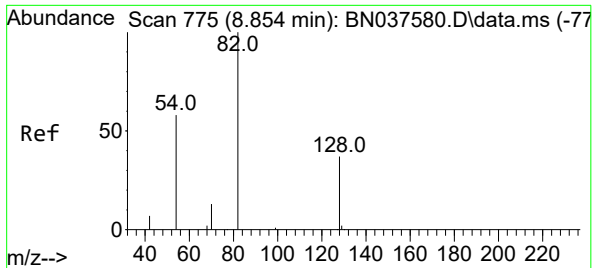
Tgt Ion: 99 Resp: 411
Ion Ratio Lower Upper
99 100
42 29.2 18.5 27.7#
71 45.7 28.6 42.8#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.498 min Scan# 929
Delta R.T. 0.000 min
Lab File: BN037613.D
Acq: 19 Aug 2025 18:30

Tgt Ion: 136 Resp: 5789
Ion Ratio Lower Upper
136 100
137 12.3 9.5 14.3
54 8.2 7.3 10.9
68 5.7 5.1 7.7

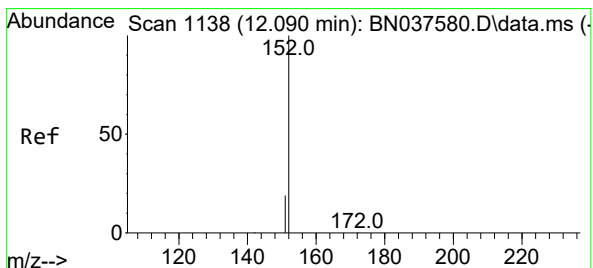
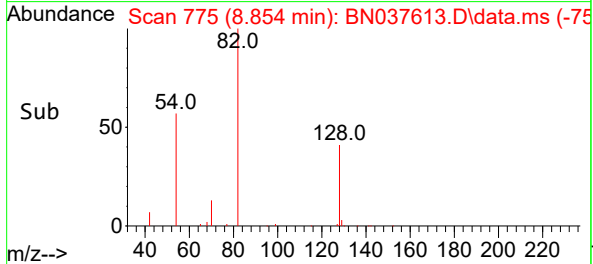
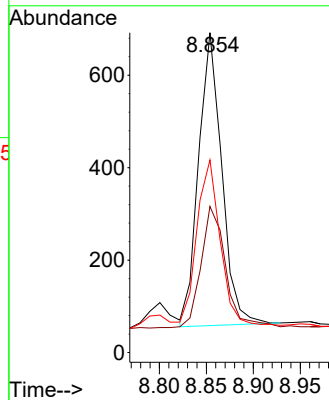
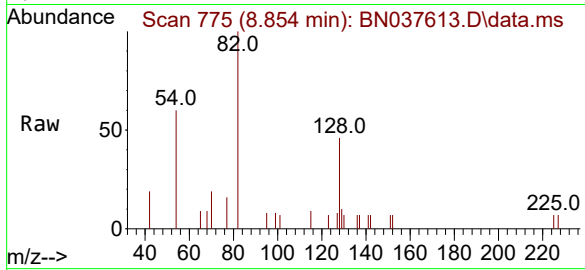




#8
Nitrobenzene-d5
Concen: 0.267 ng
RT: 8.854 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN037613.D
Acq: 19 Aug 2025 18:30

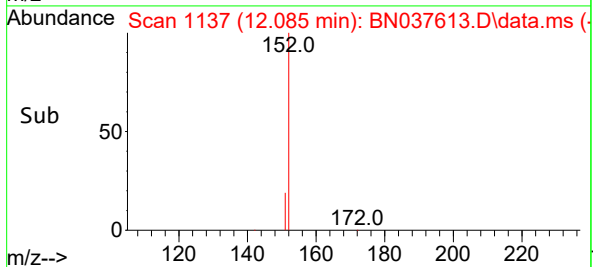
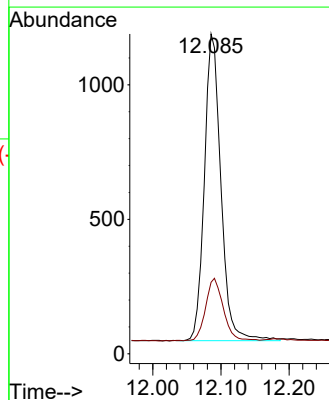
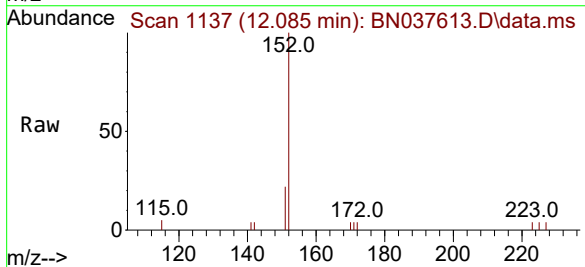
Instrument :
BNA_N
ClientSampleId :
EB02-081325

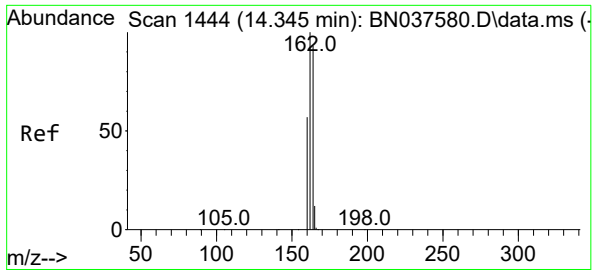
Tgt Ion	82	Resp:	1090
Ion	Ratio	Lower	Upper
82	100		
128	45.7	32.6	48.8
54	60.3	48.9	73.3



#11
2-Methylnaphthalene-d10
Concen: 0.244 ng
RT: 12.085 min Scan# 1137
Delta R.T. -0.005 min
Lab File: BN037613.D
Acq: 19 Aug 2025 18:30

Tgt Ion	152	Resp:	1923
Ion	Ratio	Lower	Upper
152	100		
151	21.7	17.3	25.9

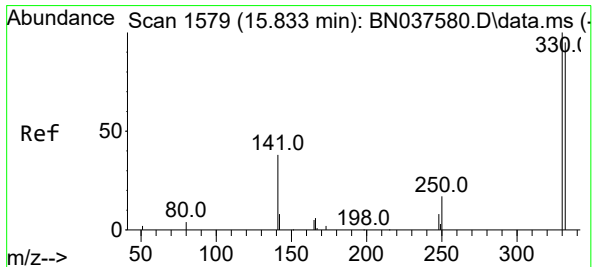
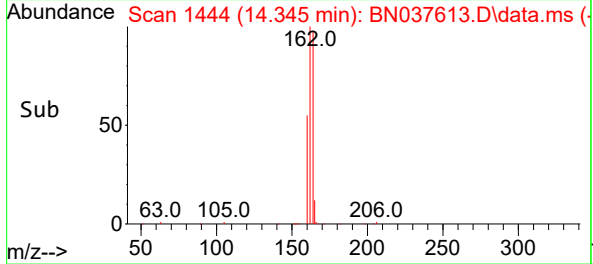
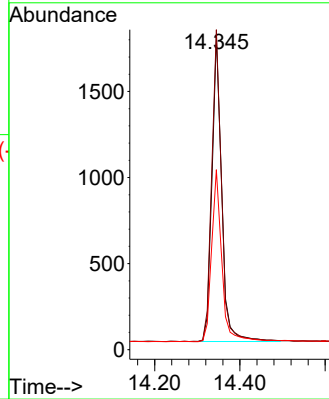
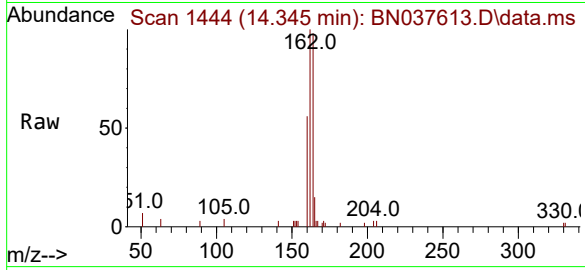




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.345 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BN037613.D
Acq: 19 Aug 2025 18:30

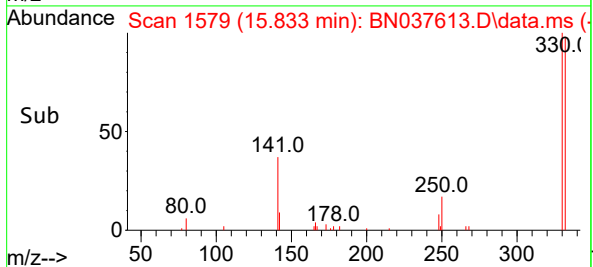
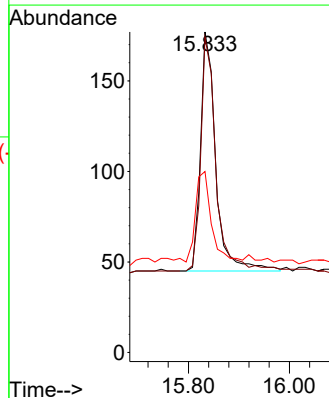
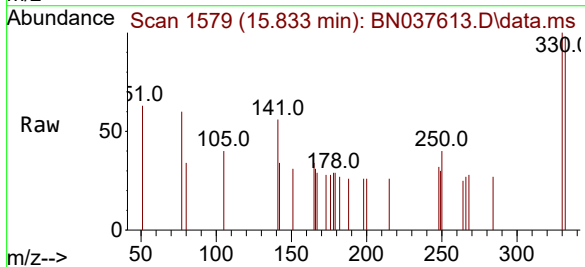
Instrument :
BNA_N
ClientSampleId :
EB02-081325

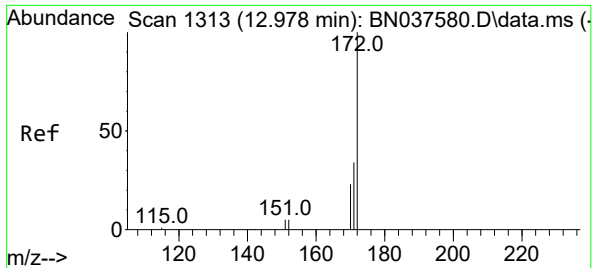
Tgt Ion:164 Resp: 2832
Ion Ratio Lower Upper
164 100
162 101.9 85.5 128.3
160 57.3 49.5 74.3



#14
2,4,6-Tribromophenol
Concen: 0.223 ng
RT: 15.833 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BN037613.D
Acq: 19 Aug 2025 18:30

Tgt Ion:330 Resp: 277
Ion Ratio Lower Upper
330 100
332 97.5 77.4 116.0
141 38.3 30.9 46.3

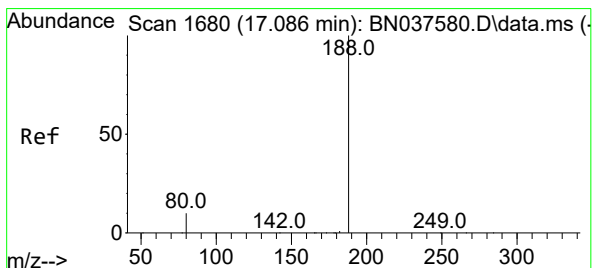
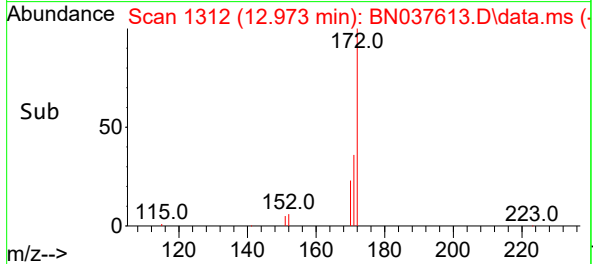
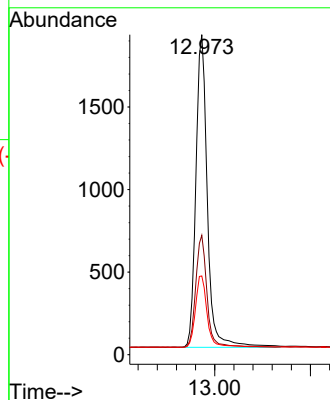
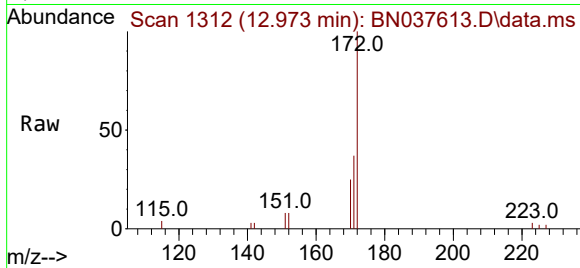




#15
2-Fluorobiphenyl
Concen: 0.275 ng
RT: 12.973 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN037613.D
Acq: 19 Aug 2025 18:30

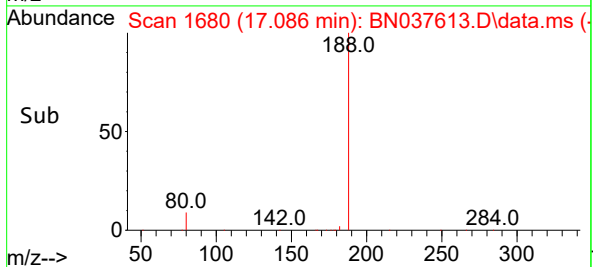
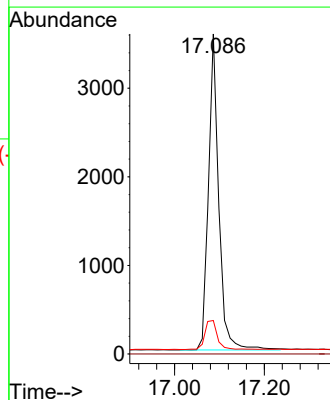
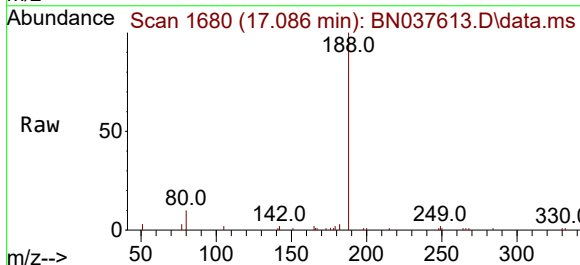
Instrument :
BNA_N
ClientSampleId :
EB02-081325

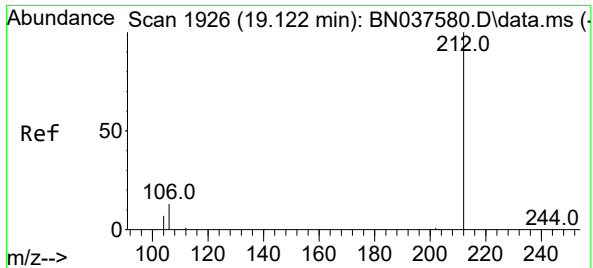
Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	28.2	42.4
170	24.6	19.2	28.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.086 min Scan# 1680
Delta R.T. 0.000 min
Lab File: BN037613.D
Acq: 19 Aug 2025 18:30

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.5	9.1	13.7





#27

Fluoranthene-d10

Concen: 0.343 ng

RT: 19.118 min Scan# 19

Delta R.T. -0.005 min

Lab File: BN037613.D

Acq: 19 Aug 2025 18:30

Instrument :

BNA_N

ClientSampleId :

EB02-081325

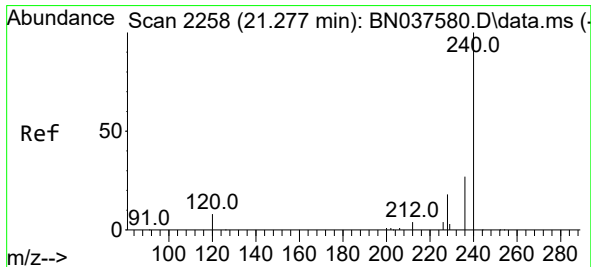
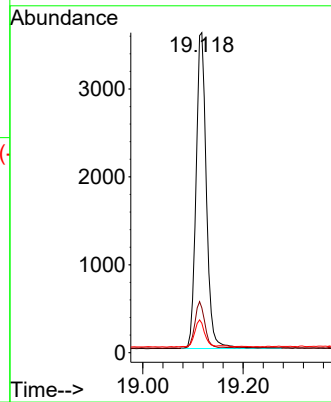
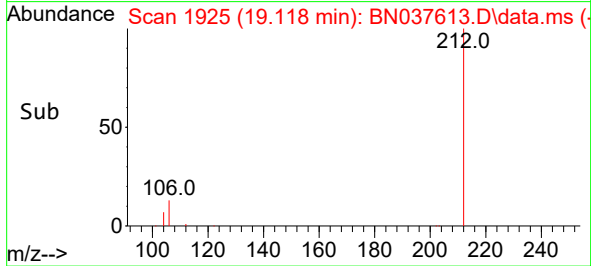
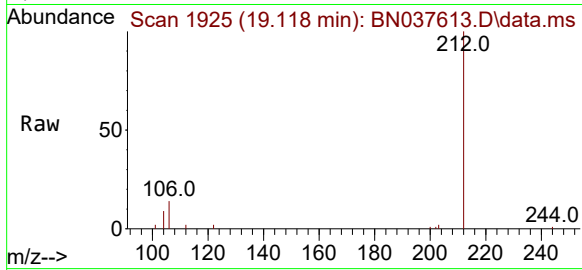
Tgt Ion:212 Resp: 5122

Ion Ratio Lower Upper

212 100

106 14.4 11.5 17.3

104 8.3 6.6 9.8



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.268 min Scan# 2257

Delta R.T. -0.009 min

Lab File: BN037613.D

Acq: 19 Aug 2025 18:30

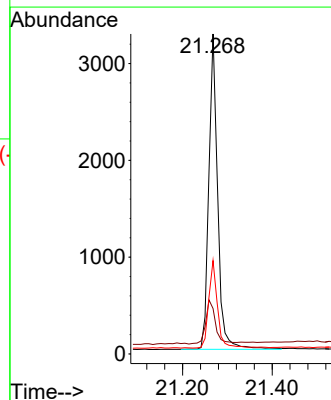
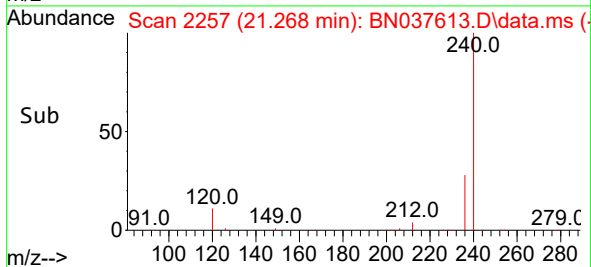
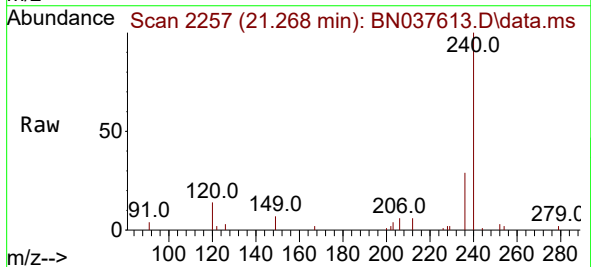
Tgt Ion:240 Resp: 4482

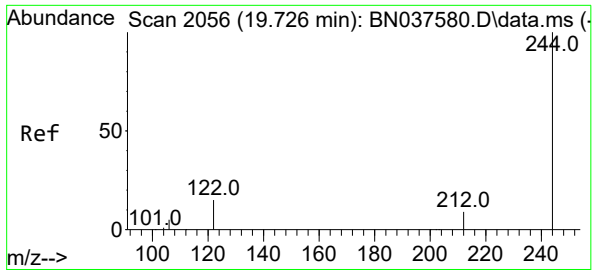
Ion Ratio Lower Upper

240 100

120 14.2 8.9 13.3#

236 29.2 22.6 33.8

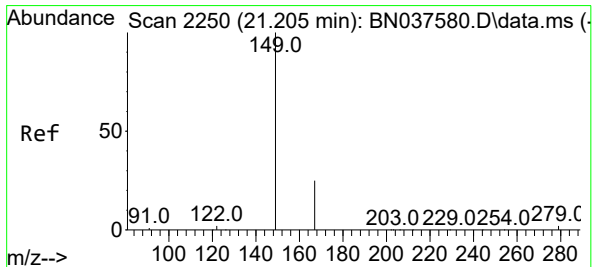
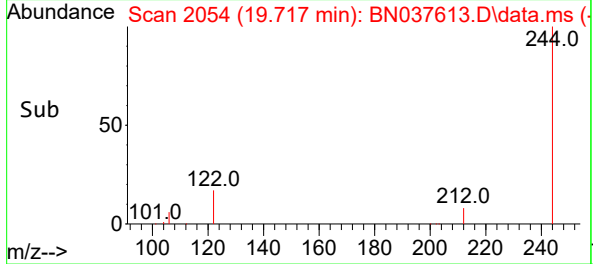
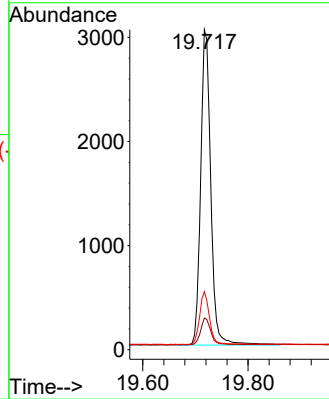
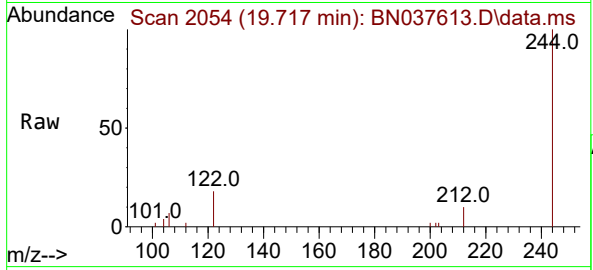




#31
Terphenyl-d14
Concen: 0.438 ng
RT: 19.717 min Scan# 2056
Delta R.T. -0.009 min
Lab File: BN037613.D
Acq: 19 Aug 2025 18:30

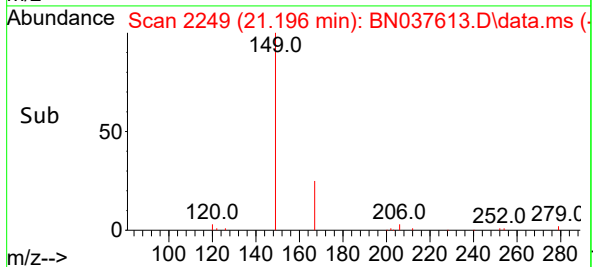
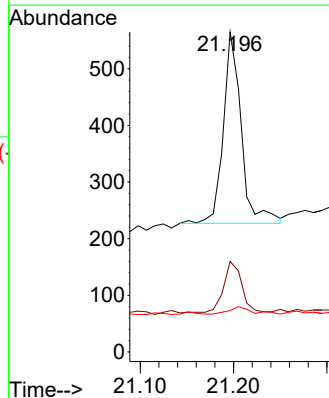
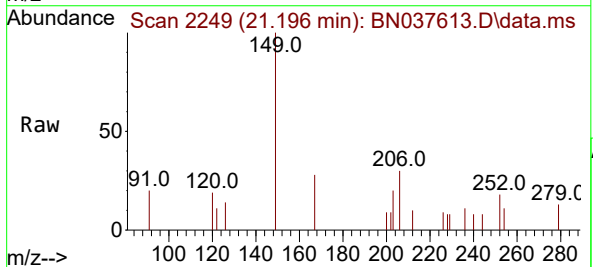
Instrument :
BNA_N
ClientSampleId :
EB02-081325

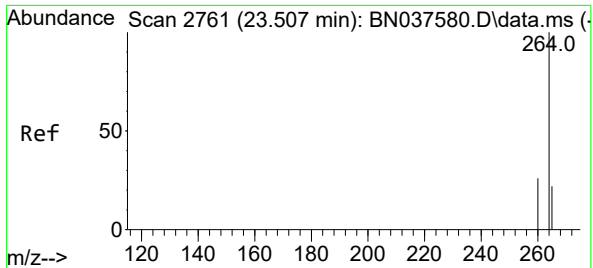
Tgt Ion:244 Resp: 4041
Ion Ratio Lower Upper
244 100
212 9.9 8.2 12.2
122 18.2 13.2 19.8



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.073 ng
RT: 21.196 min Scan# 2249
Delta R.T. -0.009 min
Lab File: BN037613.D
Acq: 19 Aug 2025 18:30

Tgt Ion:149 Resp: 452
Ion Ratio Lower Upper
149 100
167 26.1 20.5 30.7
279 4.4 2.6 4.0#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.499 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN037613.D

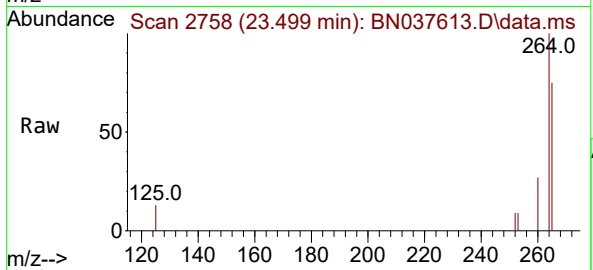
Acq: 19 Aug 2025 18:30

Instrument :

BNA_N

ClientSampleId :

EB02-081325



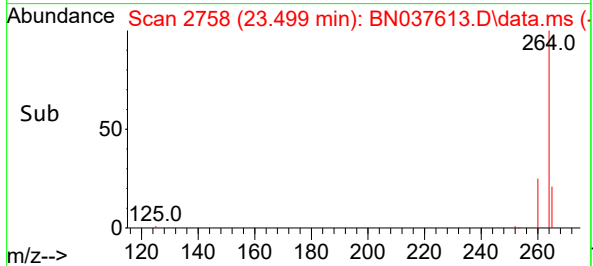
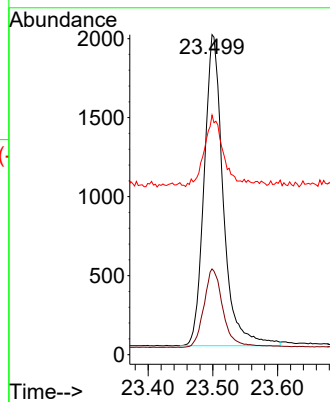
Tgt Ion:264 Resp: 4034

Ion Ratio Lower Upper

264 100

260 26.8 21.6 32.4

265 74.9 48.2 72.4#



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081925\
 Data File : BN037619.D
 Acq On : 20 Aug 2025 04:50
 Operator : RC/JU
 Sample : PB169286BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB169286BL

Quant Time: Aug 20 06:13:41 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 13 05:00:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	2323	0.400	ng	0.00
7) Naphthalene-d8	10.498	136	5229	0.400	ng	0.00
13) Acenaphthene-d10	14.345	164	2344	0.400	ng	0.00
19) Phenanthrene-d10	17.087	188	4466	0.400	ng	0.00
29) Chrysene-d12	21.268	240	3733	0.400	ng	# 0.00
35) Perylene-d12	23.499	264	3552	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.305	112	1799	0.342	ng	0.00
5) Phenol-d6	6.880	99	1860	0.293	ng	0.00
8) Nitrobenzene-d5	8.854	82	1323	0.359	ng	0.00
11) 2-Methylnaphthalene-d10	12.086	152	2298	0.323	ng	0.00
14) 2,4,6-Tribromophenol	15.845	330	240	0.234	ng	0.01
15) 2-Fluorobiphenyl	12.968	172	4692	0.346	ng	0.00
27) Fluoranthene-d10	19.118	212	3886	0.331	ng	0.00
31) Terphenyl-d14	19.717	244	2840	0.370	ng	0.00

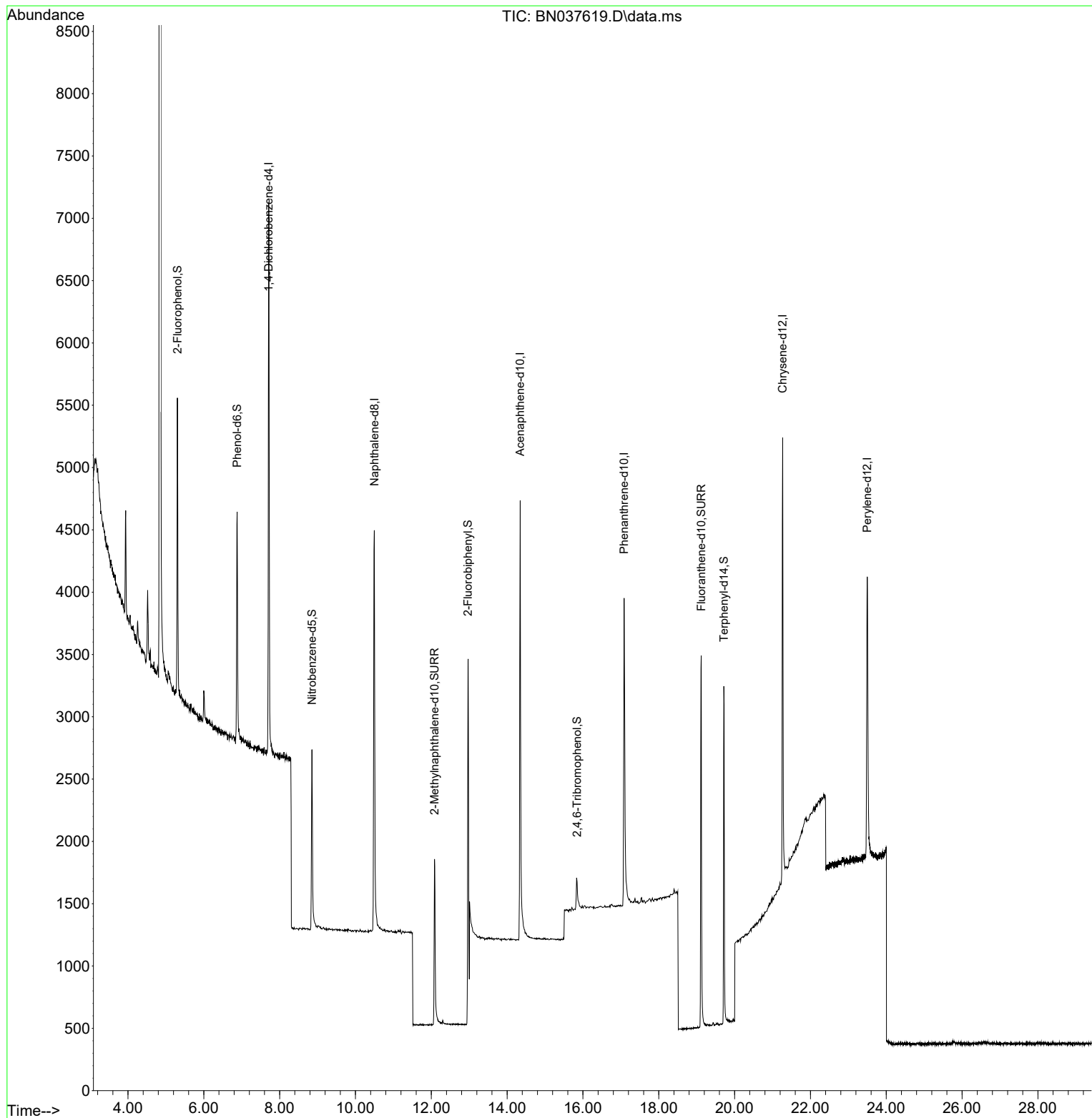
Target Compounds	Qvalue

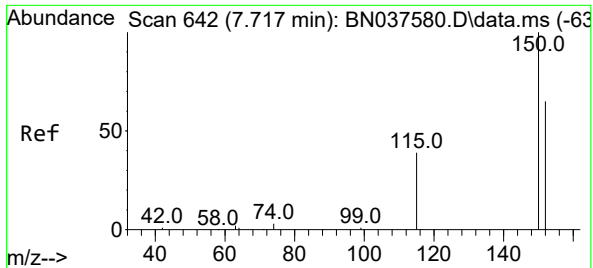
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081925\
Data File : BN037619.D
Acq On : 20 Aug 2025 04:50
Operator : RC/JU
Sample : PB169286BL
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB169286BL

Quant Time: Aug 20 06:13:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 13 05:00:58 2025
Response via : Initial Calibration

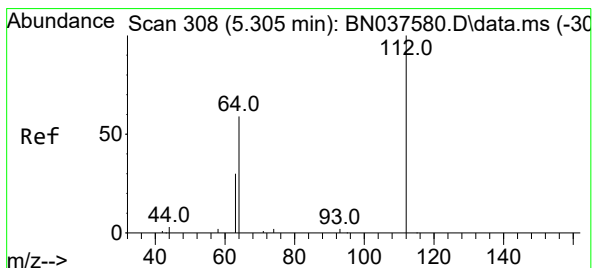
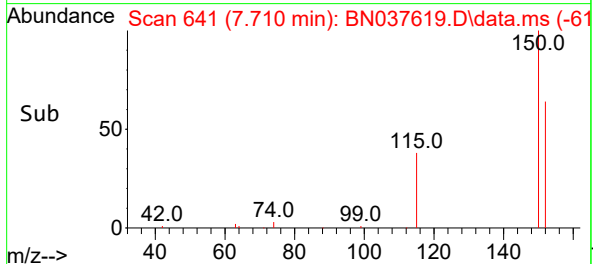
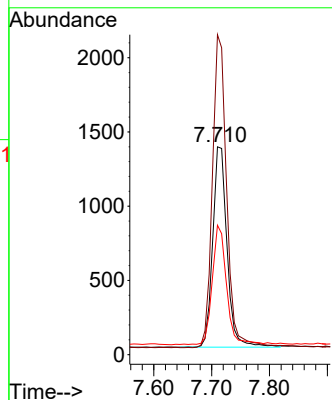
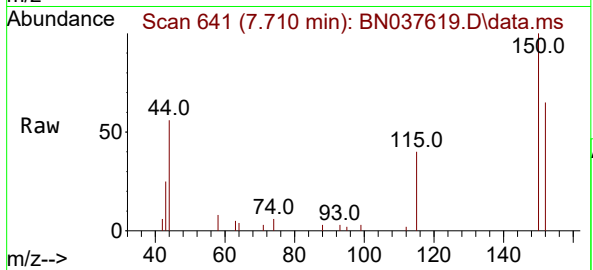




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.710 min Scan# 641
Delta R.T. -0.007 min
Lab File: BN037619.D
Acq: 20 Aug 2025 04:50

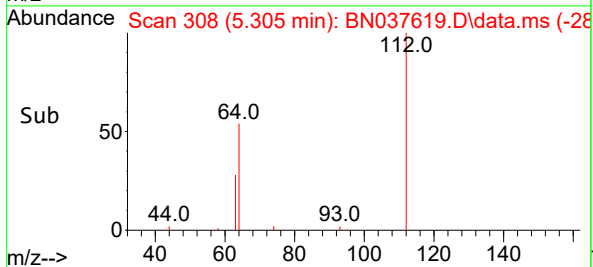
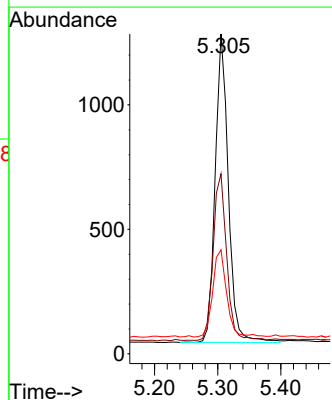
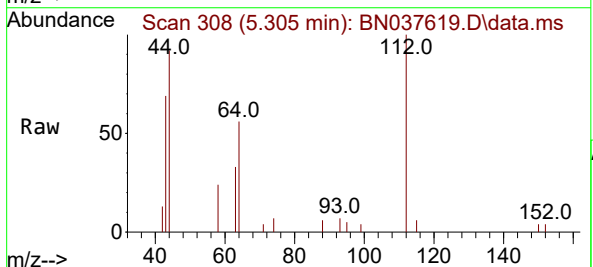
Instrument :
BNA_N
ClientSampleId :
PB169286BL

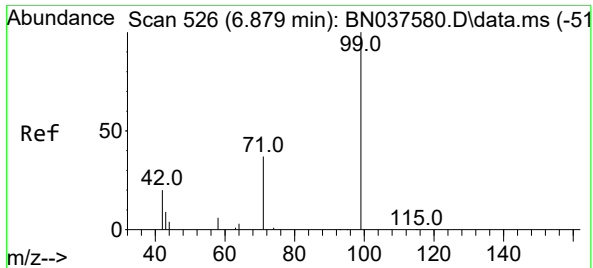
Tgt Ion:152 Resp: 2323
Ion Ratio Lower Upper
152 100
150 153.9 122.2 183.4
115 62.3 49.8 74.6



#4
2-Fluorophenol
Concen: 0.342 ng
RT: 5.305 min Scan# 308
Delta R.T. 0.000 min
Lab File: BN037619.D
Acq: 20 Aug 2025 04:50

Tgt Ion:112 Resp: 1799
Ion Ratio Lower Upper
112 100
64 55.3 44.9 67.3
63 30.0 23.4 35.2

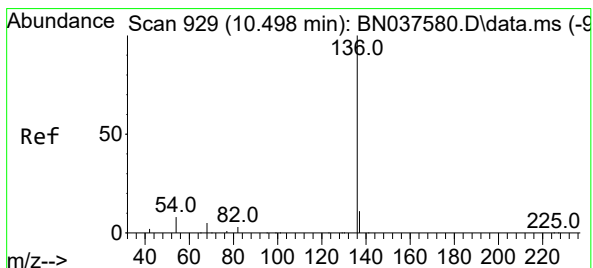
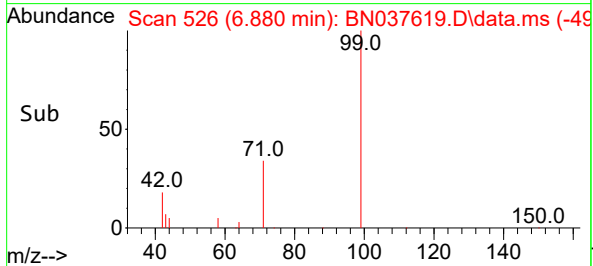
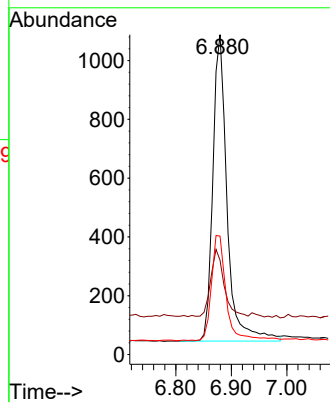
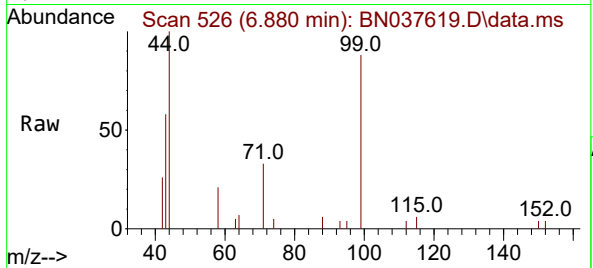




#5
Phenol-d6
Concen: 0.293 ng
RT: 6.880 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN037619.D
Acq: 20 Aug 2025 04:50

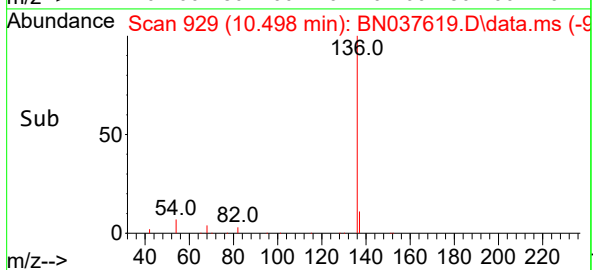
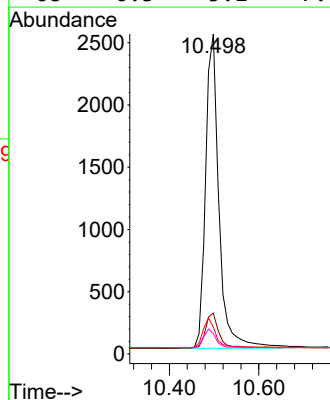
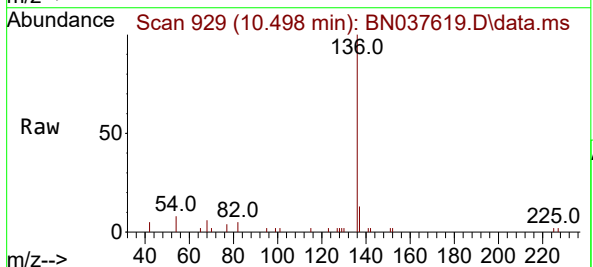
Instrument :
BNA_N
ClientSampleId :
PB169286BL

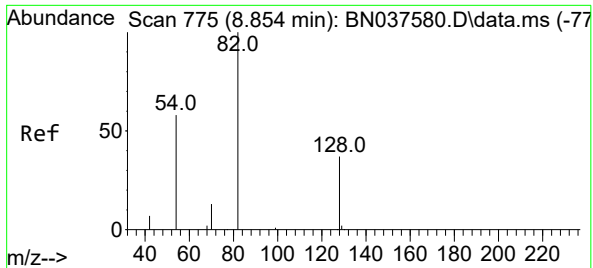
Tgt Ion: 99 Resp: 1860
Ion Ratio Lower Upper
99 100
42 20.8 18.5 27.7
71 35.5 28.6 42.8



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.498 min Scan# 929
Delta R.T. 0.000 min
Lab File: BN037619.D
Acq: 20 Aug 2025 04:50

Tgt Ion: 136 Resp: 5229
Ion Ratio Lower Upper
136 100
137 12.8 9.5 14.3
54 8.4 7.3 10.9
68 6.3 5.1 7.7

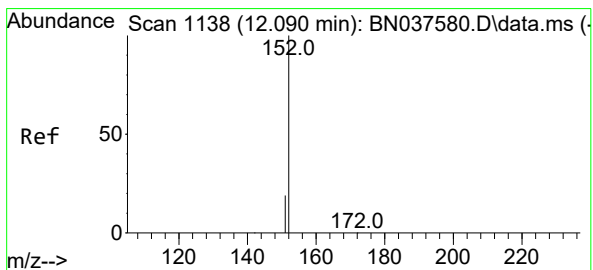
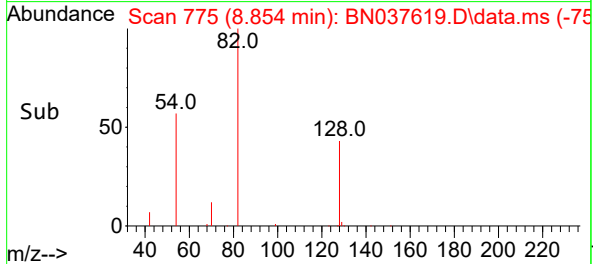
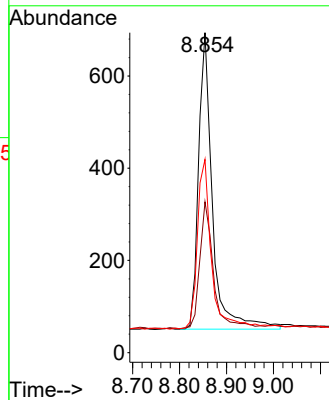
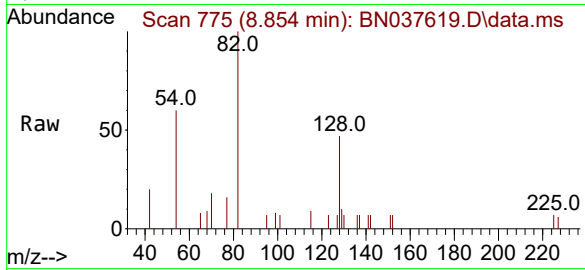




#8
Nitrobenzene-d5
Concen: 0.359 ng
RT: 8.854 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN037619.D
Acq: 20 Aug 2025 04:50

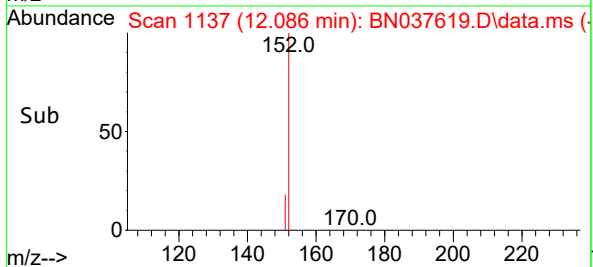
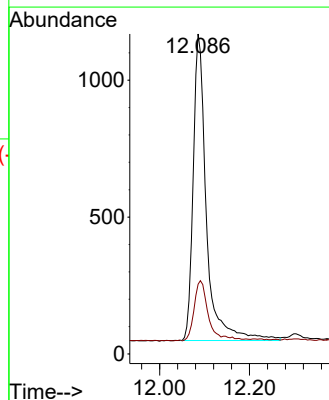
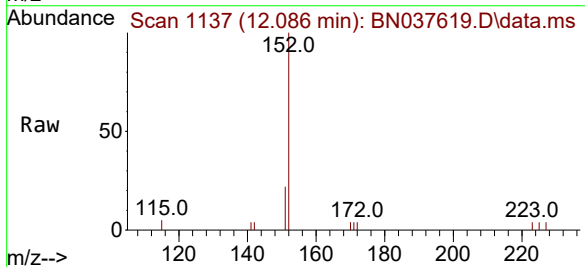
Instrument :
BNA_N
ClientSampleId :
PB169286BL

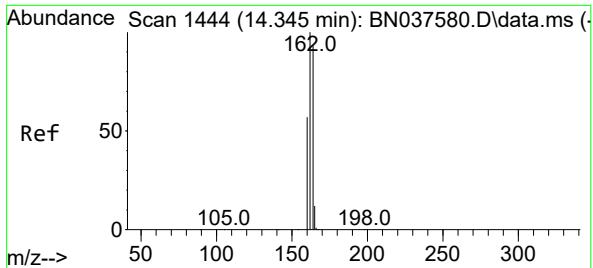
Tgt Ion: 82 Resp: 1323
Ion Ratio Lower Upper
82 100
128 47.1 32.6 48.8
54 60.4 48.9 73.3



#11
2-Methylnaphthalene-d10
Concen: 0.323 ng
RT: 12.086 min Scan# 1137
Delta R.T. -0.005 min
Lab File: BN037619.D
Acq: 20 Aug 2025 04:50

Tgt Ion: 152 Resp: 2298
Ion Ratio Lower Upper
152 100
151 21.3 17.3 25.9

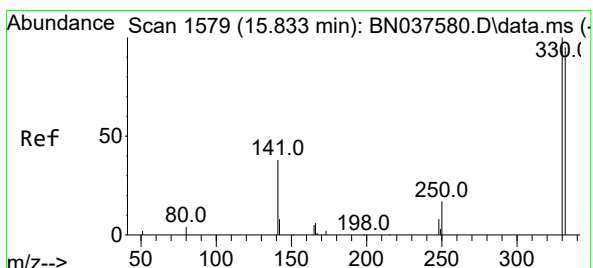
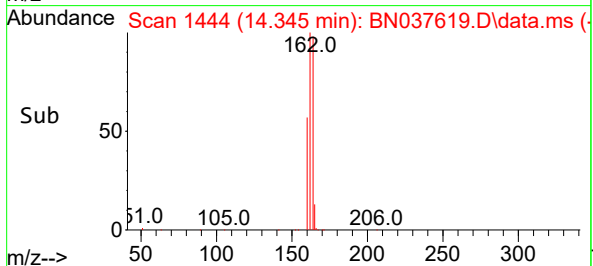
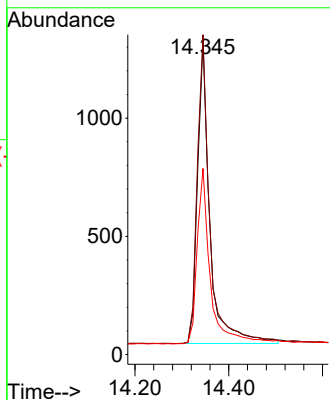
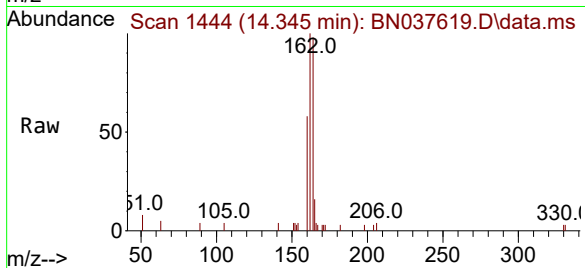




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.345 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BN037619.D
Acq: 20 Aug 2025 04:50

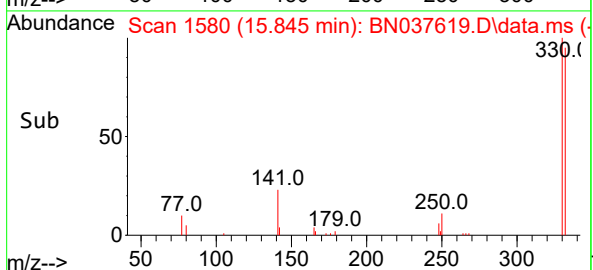
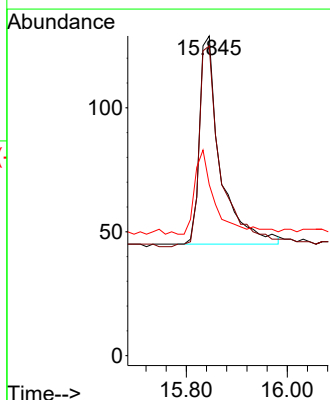
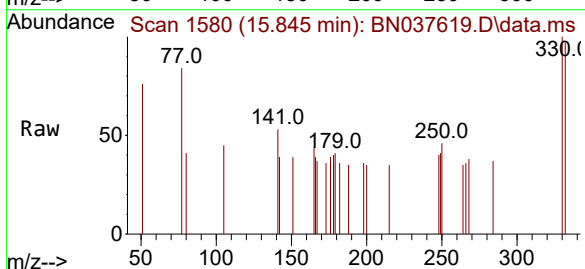
Instrument :
BNA_N
ClientSampleId :
PB169286BL

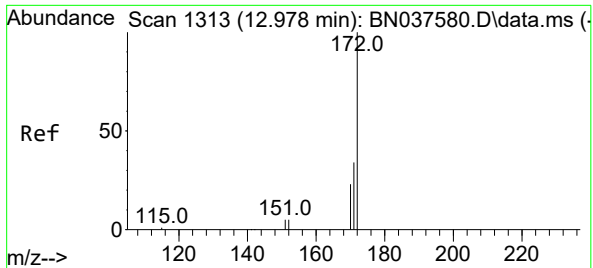
Tgt Ion:164 Resp: 2344
Ion Ratio Lower Upper
164 100
162 102.2 85.5 128.3
160 59.4 49.5 74.3



#14
2,4,6-Tribromophenol
Concen: 0.234 ng
RT: 15.845 min Scan# 1580
Delta R.T. 0.013 min
Lab File: BN037619.D
Acq: 20 Aug 2025 04:50

Tgt Ion:330 Resp: 240
Ion Ratio Lower Upper
330 100
332 101.3 77.4 116.0
141 40.0 30.9 46.3

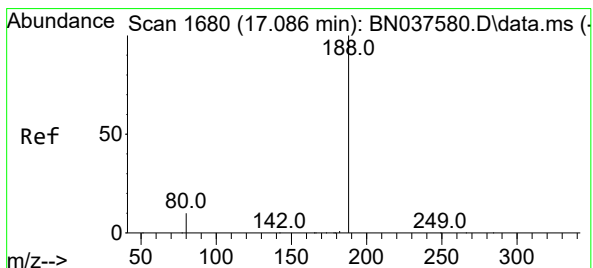
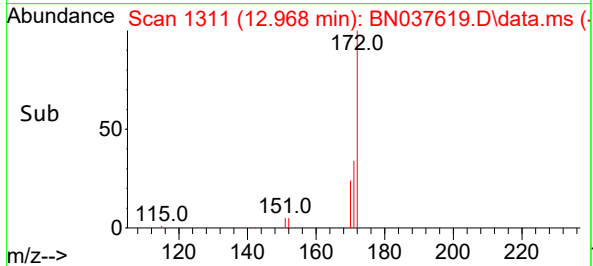
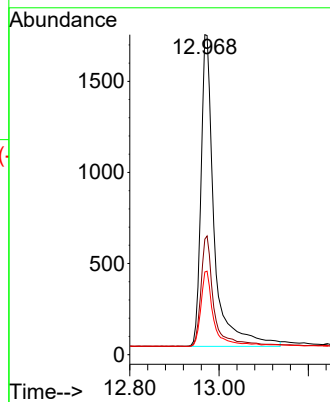
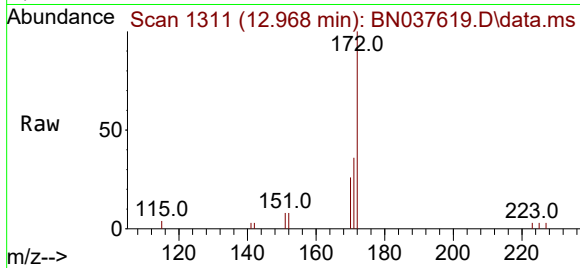




#15
2-Fluorobiphenyl
Concen: 0.346 ng
RT: 12.968 min Scan# 11
Delta R.T. -0.010 min
Lab File: BN037619.D
Acq: 20 Aug 2025 04:50

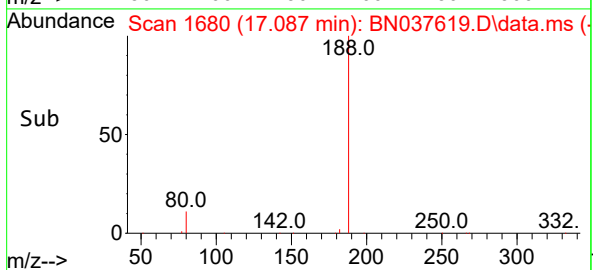
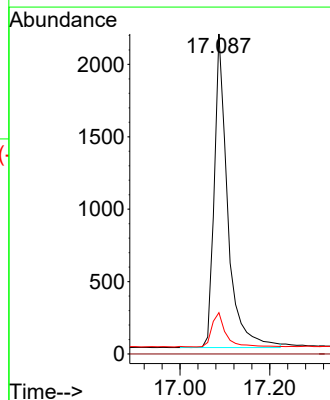
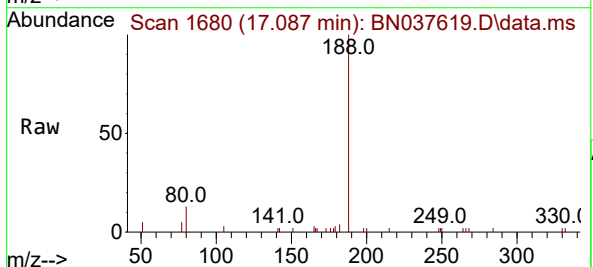
Instrument :
BNA_N
ClientSampleId :
PB169286BL

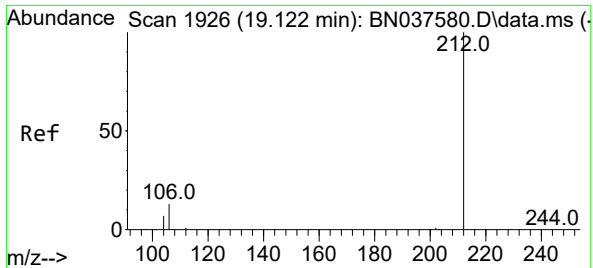
Tgt Ion:172 Resp: 4692
Ion Ratio Lower Upper
172 100
171 36.1 28.2 42.4
170 25.9 19.2 28.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.087 min Scan# 1680
Delta R.T. 0.000 min
Lab File: BN037619.D
Acq: 20 Aug 2025 04:50

Tgt Ion:188 Resp: 4466
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.9 9.1 13.7





#27

Fluoranthene-d10

Concen: 0.331 ng

RT: 19.118 min Scan# 19

Delta R.T. -0.004 min

Lab File: BN037619.D

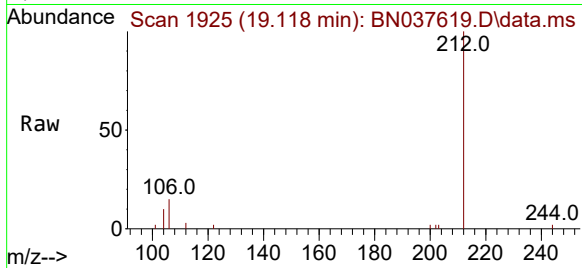
Acq: 20 Aug 2025 04:50

Instrument :

BNA_N

ClientSampleId :

PB169286BL



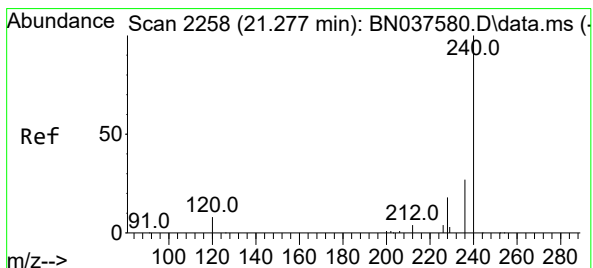
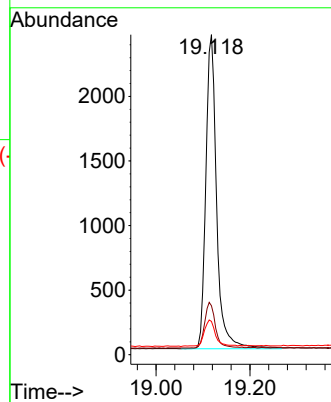
Tgt Ion:212 Resp: 3886

Ion Ratio Lower Upper

212 100

106 14.4 11.5 17.3

104 9.3 6.6 9.8



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.268 min Scan# 2257

Delta R.T. -0.009 min

Lab File: BN037619.D

Acq: 20 Aug 2025 04:50

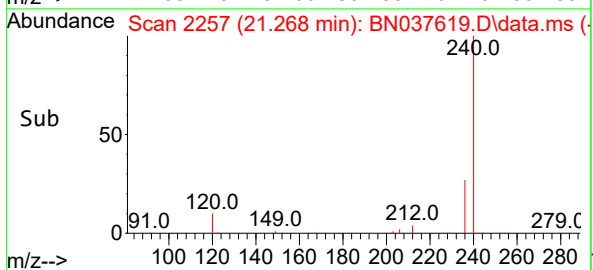
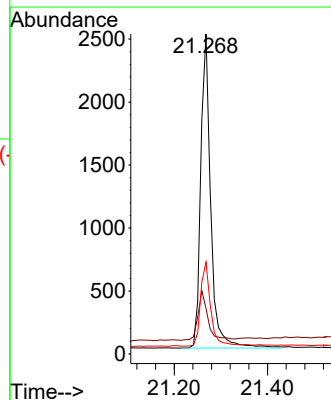
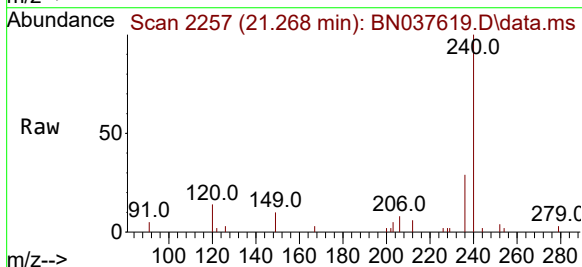
Tgt Ion:240 Resp: 3733

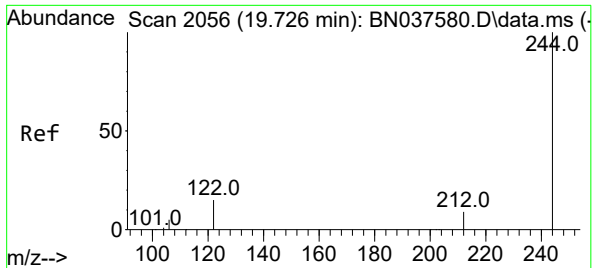
Ion Ratio Lower Upper

240 100

120 14.2 8.9 13.3#

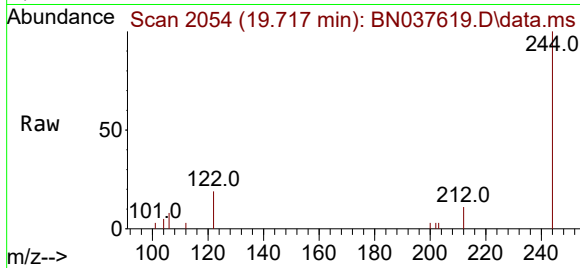
236 28.7 22.6 33.8



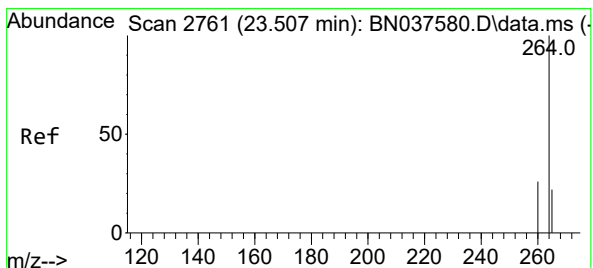
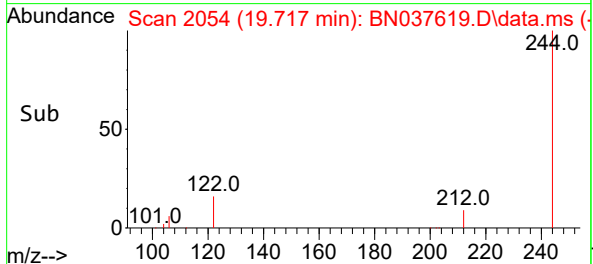
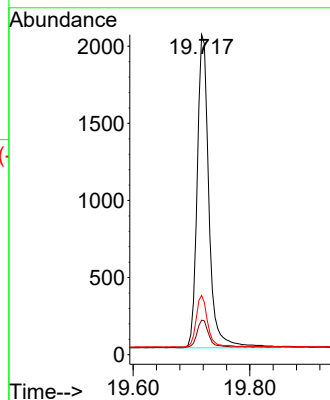


#31
Terphenyl-d14
Concen: 0.370 ng
RT: 19.717 min Scan# 2054
Delta R.T. -0.009 min
Lab File: BN037619.D
Acq: 20 Aug 2025 04:50

Instrument :
BNA_N
ClientSampleId :
PB169286BL

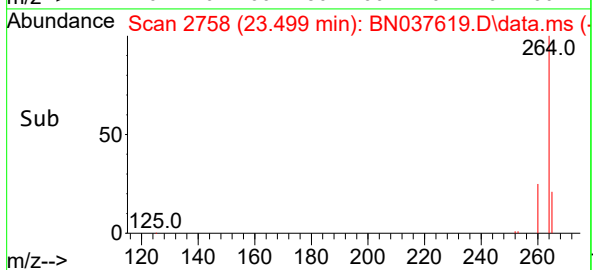
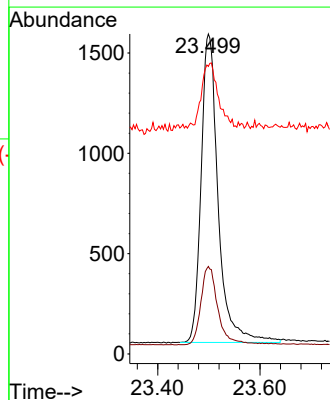
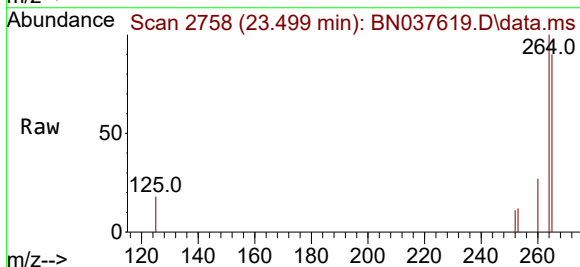


Tgt Ion:244 Resp: 2840
Ion Ratio Lower Upper
244 100
212 10.8 8.2 12.2
122 18.5 13.2 19.8



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.499 min Scan# 2758
Delta R.T. -0.008 min
Lab File: BN037619.D
Acq: 20 Aug 2025 04:50

Tgt Ion:264 Resp: 3552
Ion Ratio Lower Upper
264 100
260 27.3 21.6 32.4
265 89.8 48.2 72.4#



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081925\
 Data File : BN037630.D
 Acq On : 20 Aug 2025 11:25
 Operator : RC/JU
 Sample : PB169286BS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB169286BS

Quant Time: Aug 21 04:13:47 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 13 05:00:58 2025
 Response via : Initial Calibration

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

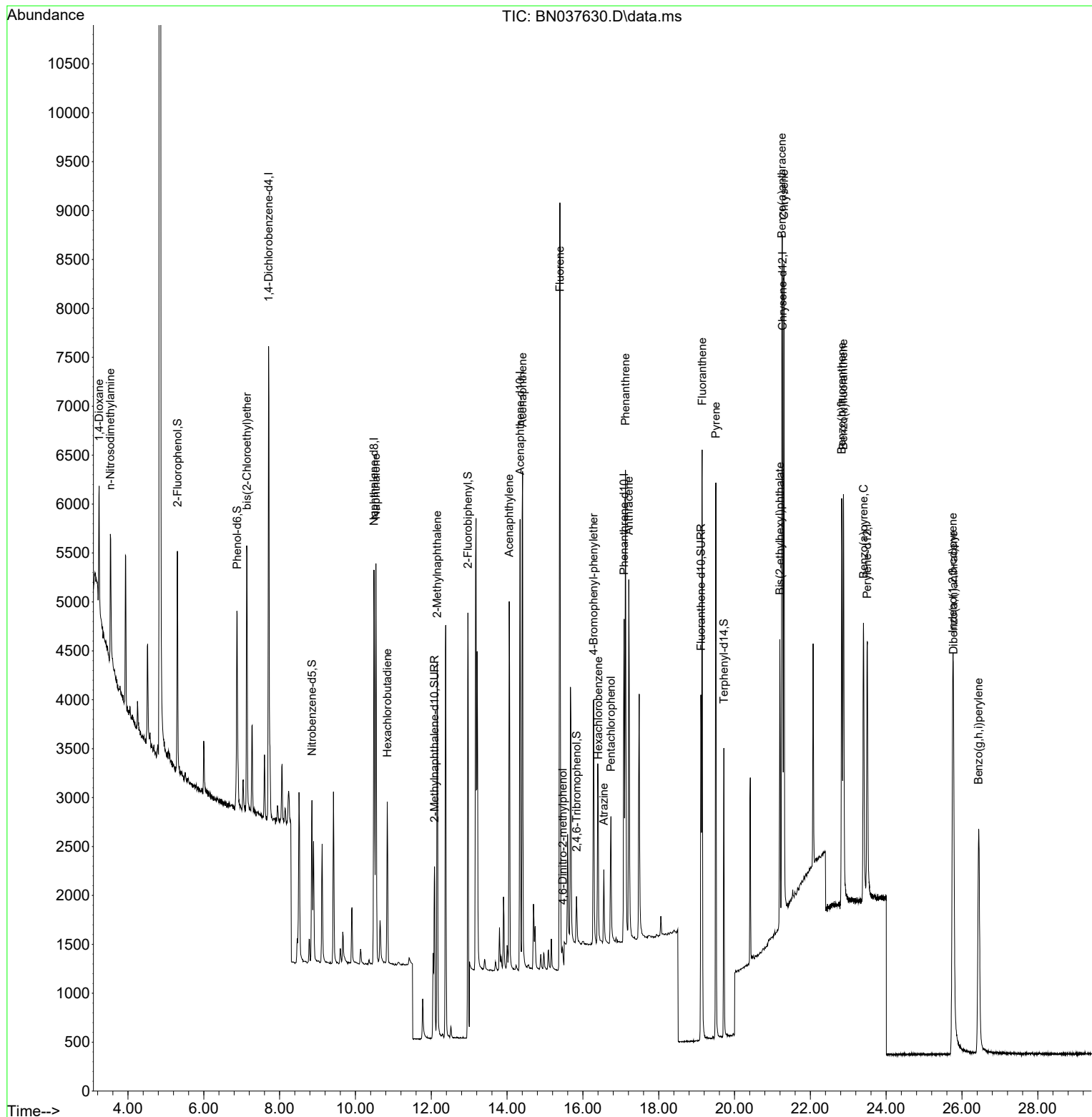
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	2389	0.400	ng	0.00
7) Naphthalene-d8	10.487	136	5616	0.400	ng	-0.01
13) Acenaphthene-d10	14.345	164	2629	0.400	ng	0.00
19) Phenanthrene-d10	17.086	188	5040	0.400	ng	0.00
29) Chrysene-d12	21.268	240	4175	0.400	ng	# 0.00
35) Perylene-d12	23.502	264	3780	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.305	112	1761	0.325	ng	0.00
5) Phenol-d6	6.879	99	1961	0.301	ng	0.00
8) Nitrobenzene-d5	8.854	82	1380	0.349	ng	0.00
11) 2-Methylnaphthalene-d10	12.085	152	2508	0.329	ng	0.00
14) 2,4,6-Tribromophenol	15.833	330	342	0.297	ng	0.00
15) 2-Fluorobiphenyl	12.968	172	5503	0.362	ng	-0.01
27) Fluoranthene-d10	19.113	212	4038	0.305	ng	0.00
31) Terphenyl-d14	19.717	244	3008	0.350	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.239	88	677	0.296	ng	# 78
3) n-Nitrosodimethylamine	3.535	42	966	0.331	ng	95
6) bis(2-Chloroethyl)ether	7.139	93	2041	0.347	ng	96
9) Naphthalene	10.541	128	5264	0.352	ng	99
10) Hexachlorobutadiene	10.840	225	1357	0.371	ng	# 99
12) 2-Methylnaphthalene	12.156	142	2891	0.308	ng	100
16) Acenaphthylene	14.056	152	4394	0.373	ng	100
17) Acenaphthene	14.409	154	2664	0.332	ng	99
18) Fluorene	15.392	166	3473	0.331	ng	99
20) 4,6-Dinitro-2-methylph...	15.467	198	153	0.348	ng	# 79
21) 4-Bromophenyl-phenylether	16.280	248	1063	0.336	ng	# 82
22) Hexachlorobenzene	16.404	284	1644	0.366	ng	98
23) Atrazine	16.553	200	688	0.384	ng	95
24) Pentachlorophenol	16.739	266	719	0.456	ng	96
25) Phenanthrene	17.124	178	5179	0.338	ng	99
26) Anthracene	17.210	178	4635	0.342	ng	100
28) Fluoranthene	19.146	202	5464	0.310	ng	100
30) Pyrene	19.508	202	5332	0.342	ng	100
32) Benzo(a)anthracene	21.250	228	4944	0.355	ng	98
33) Chrysene	21.304	228	5598	0.360	ng	99
34) Bis(2-ethylhexyl)phtha...	21.196	149	1867	0.324	ng	100
36) Indeno(1,2,3-cd)pyrene	25.756	276	5812	0.365	ng	99
37) Benzo(b)fluoranthene	22.829	252	5325	0.372	ng	97
38) Benzo(k)fluoranthene	22.873	252	5420	0.335	ng	97
39) Benzo(a)pyrene	23.402	252	4490	0.378	ng	95
40) Dibenzo(a,h)anthracene	25.776	278	4445	0.360	ng	100
41) Benzo(g,h,i)perylene	26.440	276	5149	0.395	ng	98

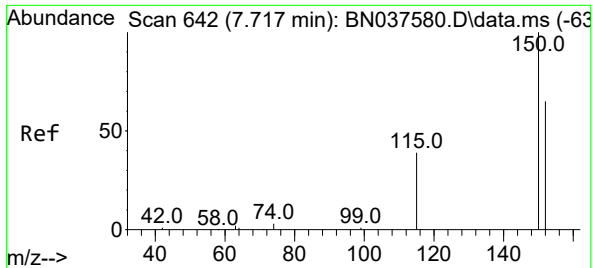
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081925\
Data File : BN037630.D
Acq On : 20 Aug 2025 11:25
Operator : RC/JU
Sample : PB169286BS
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB169286BS

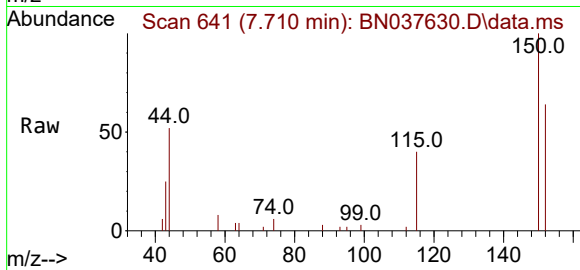
Quant Time: Aug 21 04:13:47 2025
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 13 05:00:58 2025
Response via : Initial Calibration



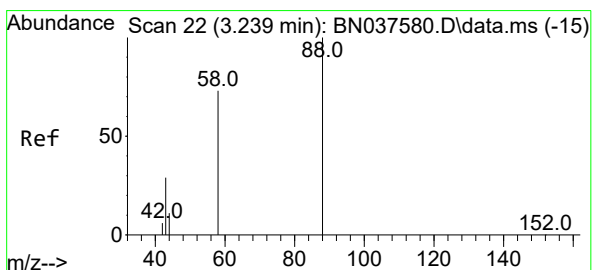
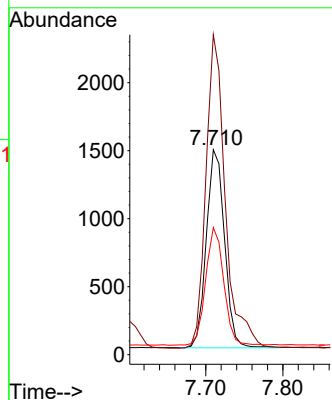
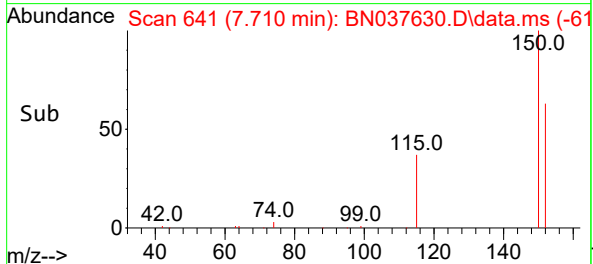


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.710 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN037630.D
Acq: 20 Aug 2025 11:25

Instrument :
BNA_N
ClientSampleId :
PB169286BS

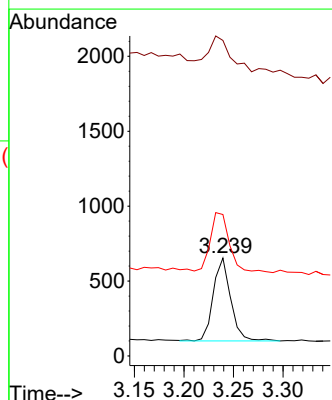
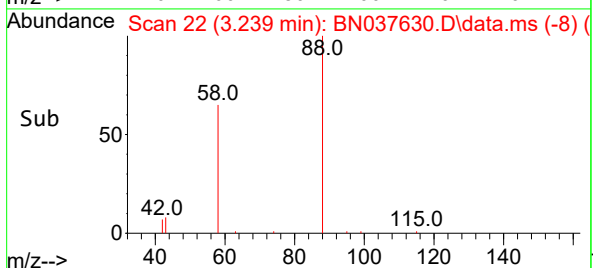
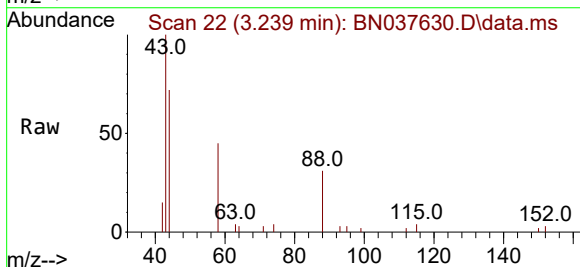


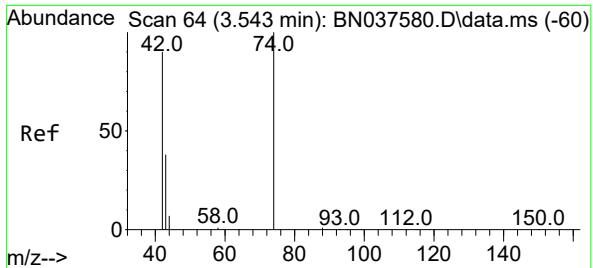
Tgt Ion:152 Resp: 2389
Ion Ratio Lower Upper
152 100
150 156.1 122.2 183.4
115 62.0 49.8 74.6



#2
1,4-Dioxane
Concen: 0.296 ng
RT: 3.239 min Scan# 22
Delta R.T. 0.000 min
Lab File: BN037630.D
Acq: 20 Aug 2025 11:25

Tgt Ion: 88 Resp: 677
Ion Ratio Lower Upper
88 100
43 67.7 25.8 38.6#
58 80.4 61.2 91.8

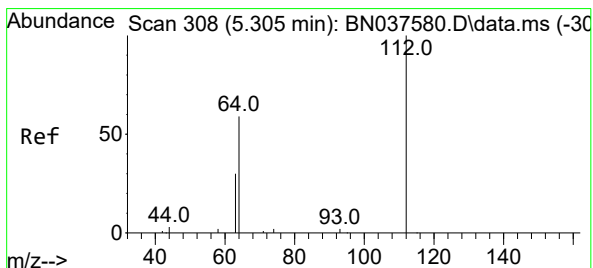
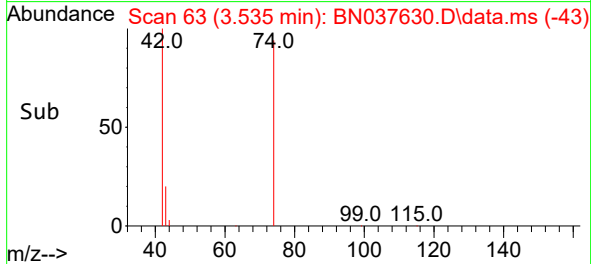
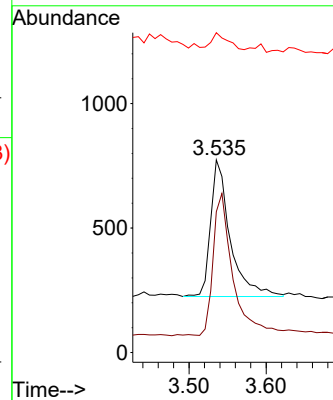
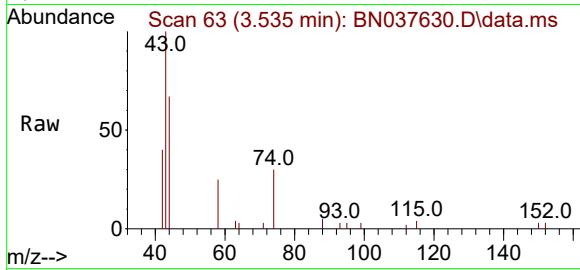




#3
n-Nitrosodimethylamine
Concen: 0.331 ng
RT: 3.535 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN037630.D
Acq: 20 Aug 2025 11:25

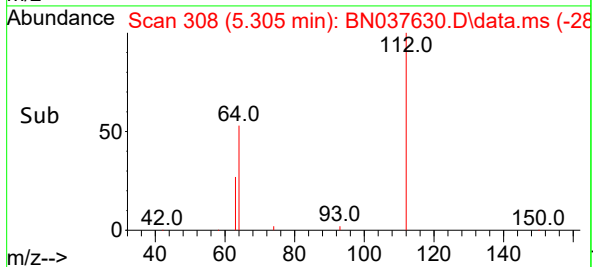
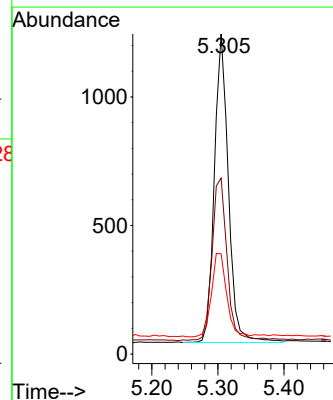
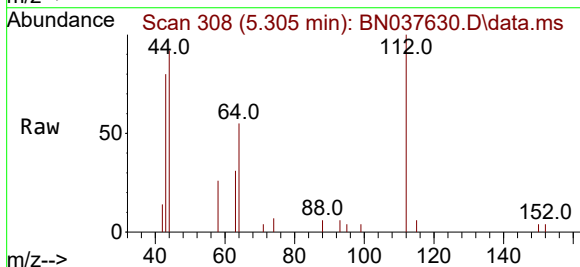
Instrument :
BNA_N
ClientSampleId :
PB169286BS

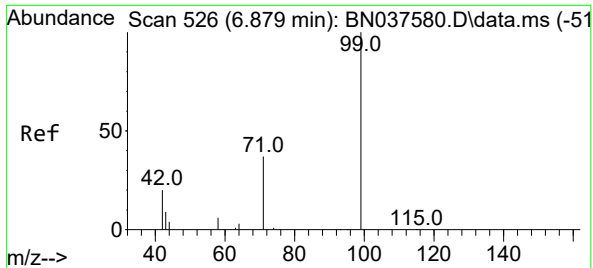
Tgt Ion: 42 Resp: 966
Ion Ratio Lower Upper
42 100
74 107.3 82.0 123.0
44 10.8 7.9 11.9



#4
2-Fluorophenol
Concen: 0.325 ng
RT: 5.305 min Scan# 308
Delta R.T. 0.000 min
Lab File: BN037630.D
Acq: 20 Aug 2025 11:25

Tgt Ion: 112 Resp: 1761
Ion Ratio Lower Upper
112 100
64 57.8 44.9 67.3
63 29.2 23.4 35.2

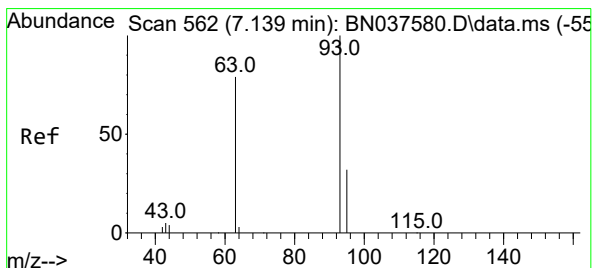
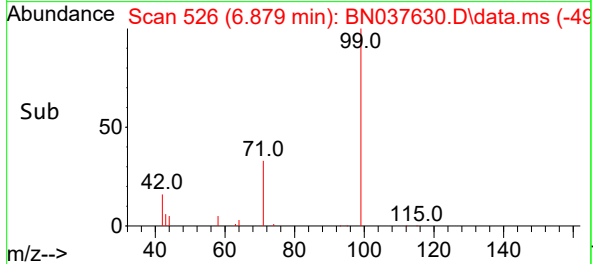
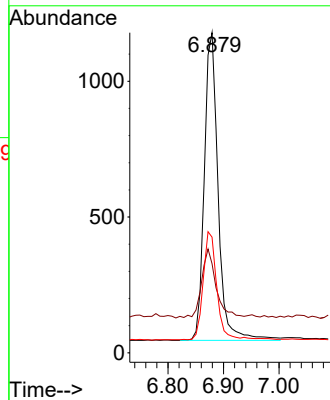
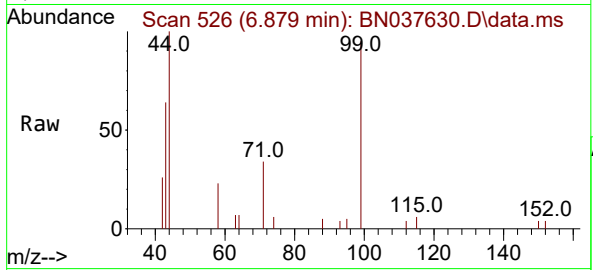




#5
Phenol-d6
Concen: 0.301 ng
RT: 6.879 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN037630.D
Acq: 20 Aug 2025 11:25

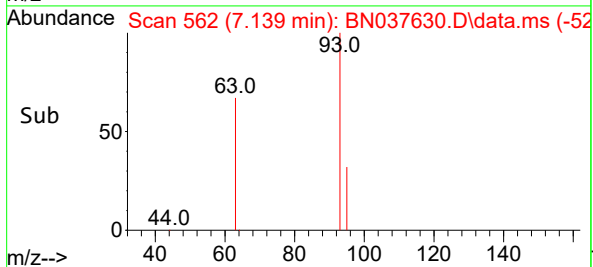
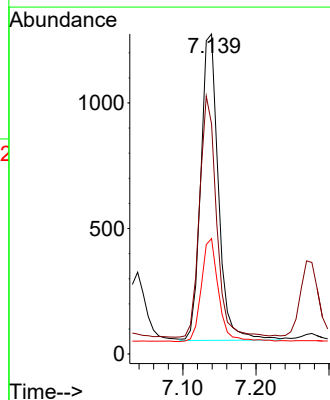
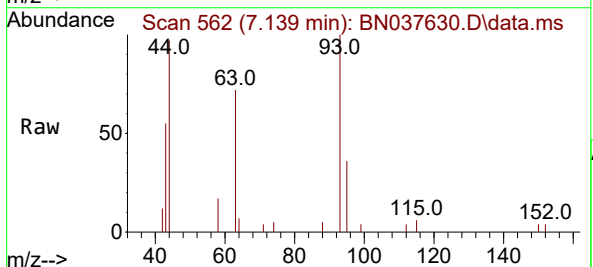
Instrument :
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ClientSampleId :
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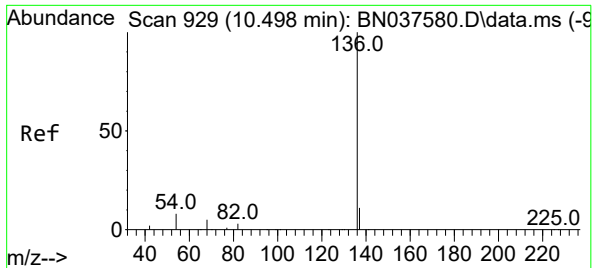
Tgt Ion	Ratio	Lower	Upper
99	100		
42	23.7	18.5	27.7
71	34.9	28.6	42.8



#6
bis(2-Chloroethyl)ether
Concen: 0.347 ng
RT: 7.139 min Scan# 562
Delta R.T. 0.000 min
Lab File: BN037630.D
Acq: 20 Aug 2025 11:25

Tgt Ion	Ratio	Lower	Upper
93	100		
63	75.7	58.0	87.0
95	32.9	24.9	37.3

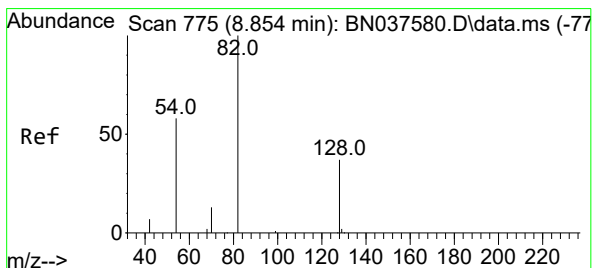
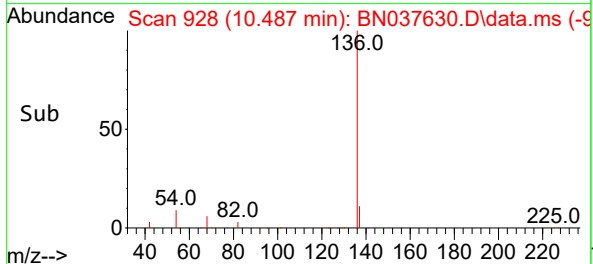
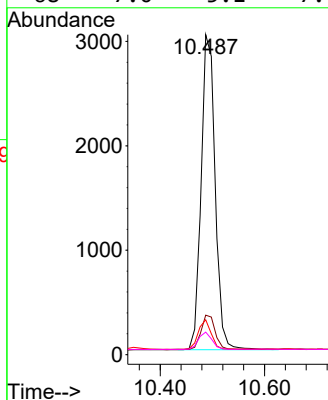
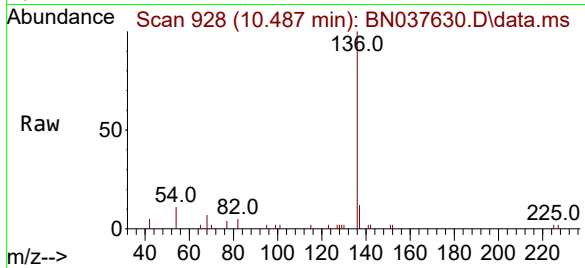




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.487 min Scan# 911
Delta R.T. -0.011 min
Lab File: BN037630.D
Acq: 20 Aug 2025 11:25

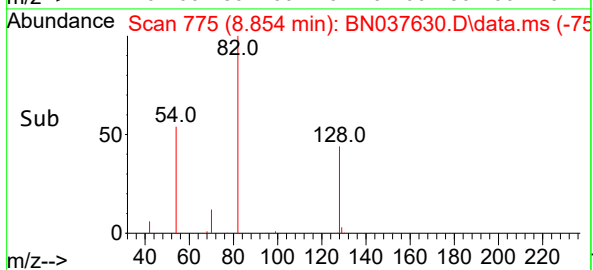
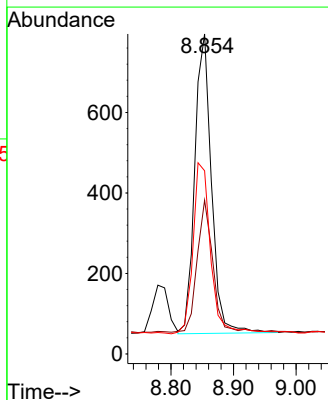
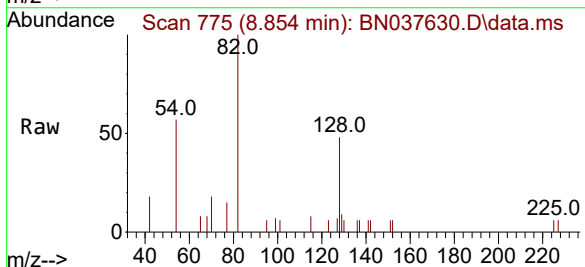
Instrument :
BNA_N
ClientSampleId :
PB169286BS

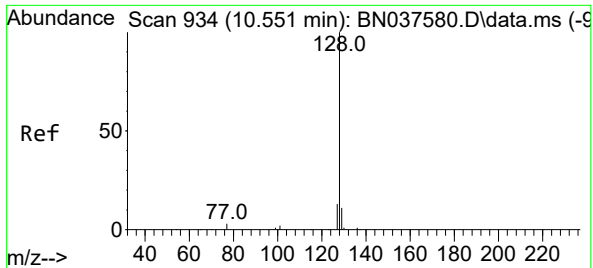
Tgt Ion:	136	Resp:	5616
Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.5	14.3
54	10.9	7.3	10.9
68	7.0	5.1	7.7



#8
Nitrobenzene-d5
Concen: 0.349 ng
RT: 8.854 min Scan# 775
Delta R.T. 0.000 min
Lab File: BN037630.D
Acq: 20 Aug 2025 11:25

Tgt Ion:	82	Resp:	1380
Ion	Ratio	Lower	Upper
82	100		
128	48.1	32.6	48.8
54	57.2	48.9	73.3

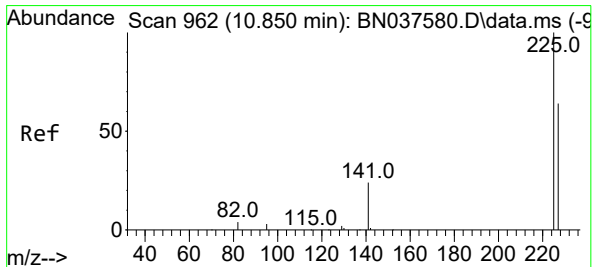
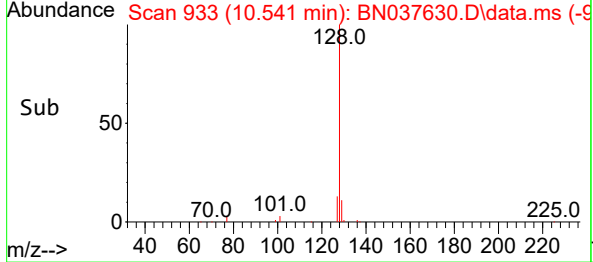
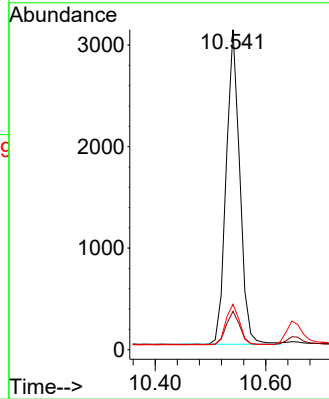
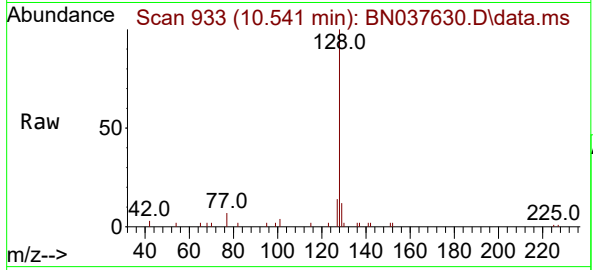




#9
Naphthalene
Concen: 0.352 ng
RT: 10.541 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN037630.D
Acq: 20 Aug 2025 11:25

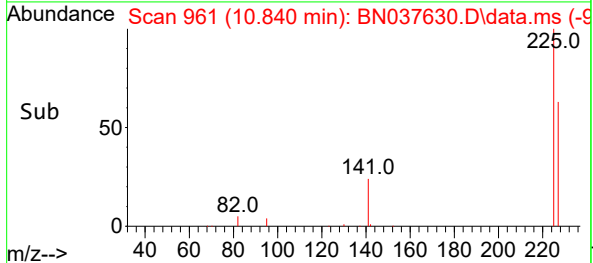
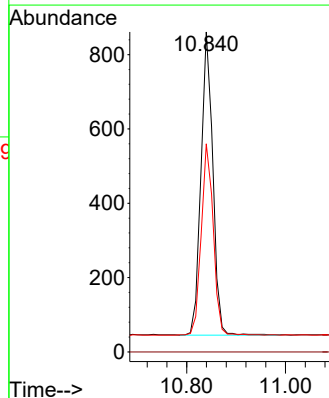
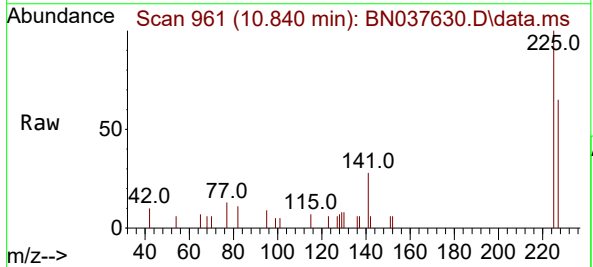
Instrument :
BNA_N
ClientSampleId :
PB169286BS

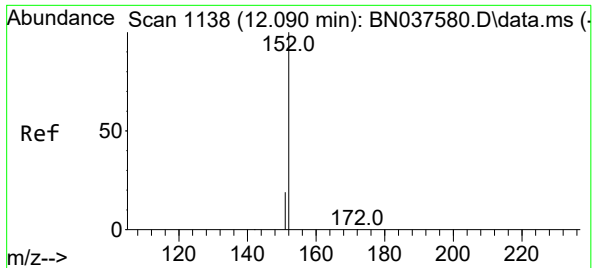
Tgt Ion:128 Resp: 5264
Ion Ratio Lower Upper
128 100
129 12.0 9.8 14.6
127 14.2 11.5 17.3



#10
Hexachlorobutadiene
Concen: 0.371 ng
RT: 10.840 min Scan# 961
Delta R.T. -0.011 min
Lab File: BN037630.D
Acq: 20 Aug 2025 11:25

Tgt Ion:225 Resp: 1357
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 64.0 50.8 76.2

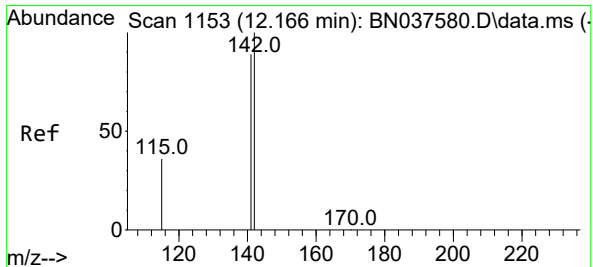
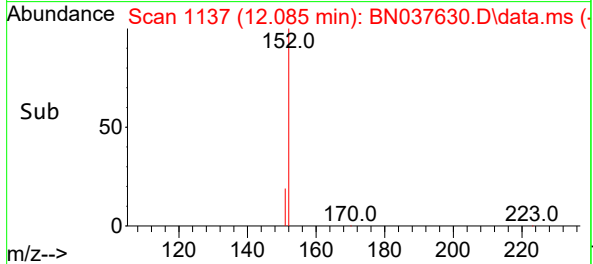
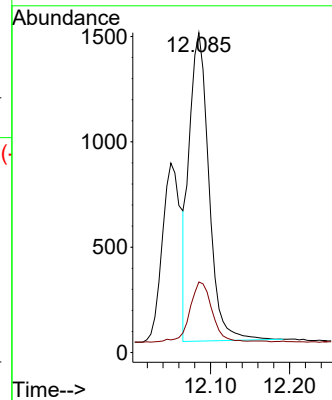
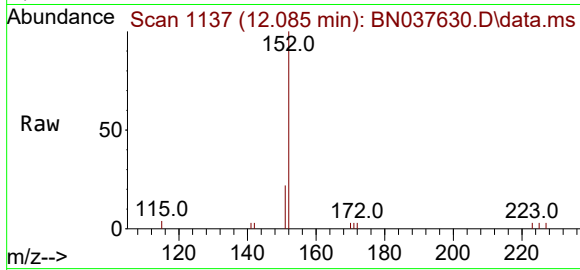




#11
2-Methylnaphthalene-d10
Concen: 0.329 ng
RT: 12.085 min Scan# 1137
Delta R.T. -0.005 min
Lab File: BN037630.D
Acq: 20 Aug 2025 11:25

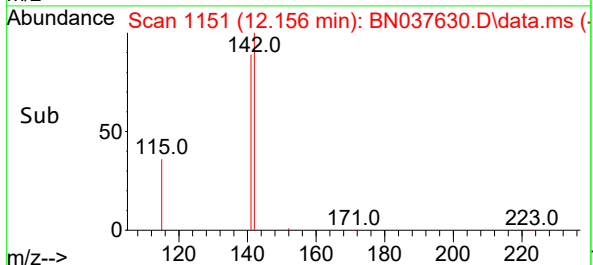
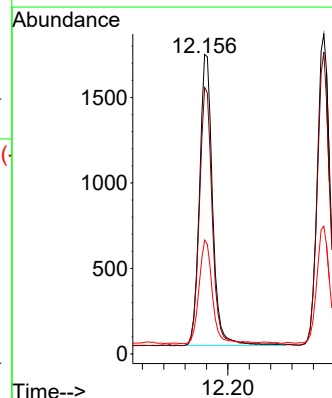
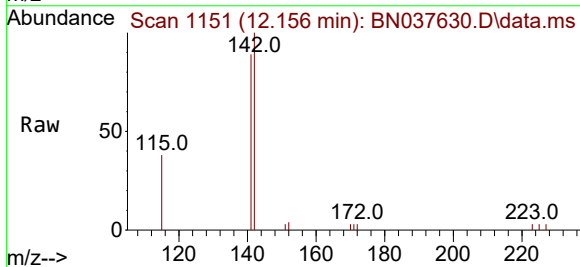
Instrument :
BNA_N
ClientSampleId :
PB169286BS

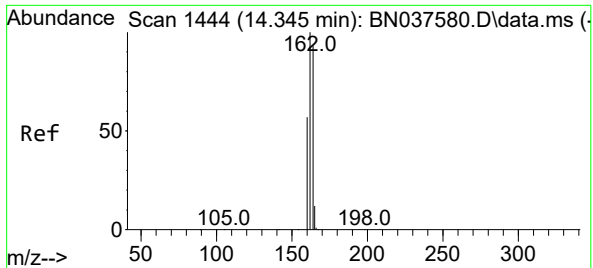
Tgt Ion:152 Resp: 2508
Ion Ratio Lower Upper
152 100
151 22.4 17.3 25.9



#12
2-Methylnaphthalene
Concen: 0.308 ng
RT: 12.156 min Scan# 1151
Delta R.T. -0.010 min
Lab File: BN037630.D
Acq: 20 Aug 2025 11:25

Tgt Ion:142 Resp: 2891
Ion Ratio Lower Upper
142 100
141 89.0 71.4 107.0
115 38.0 30.2 45.4

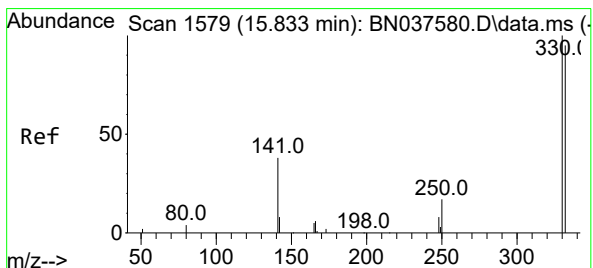
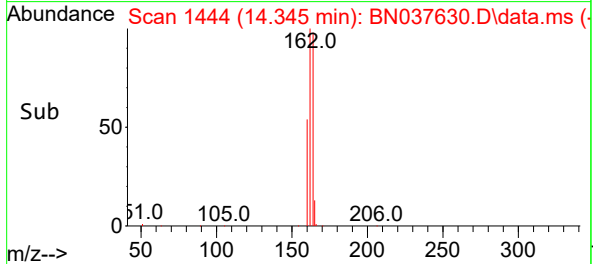
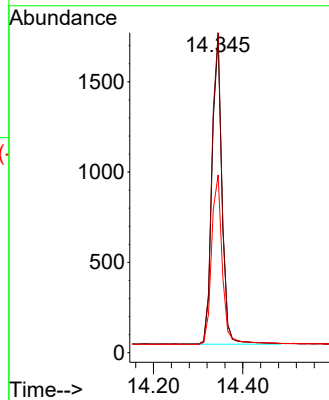
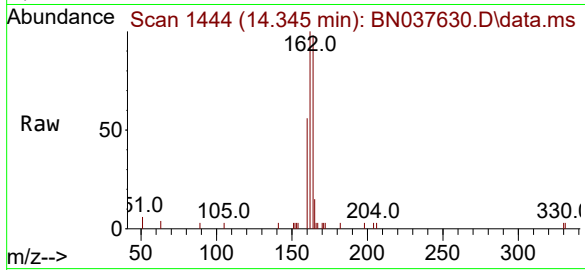




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.345 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BN037630.D
Acq: 20 Aug 2025 11:25

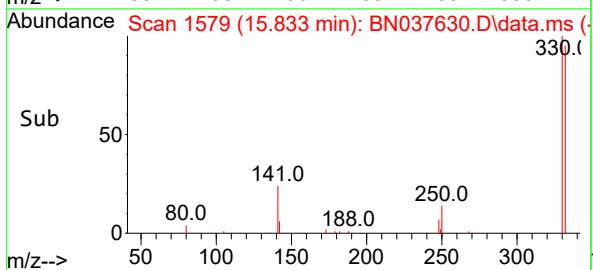
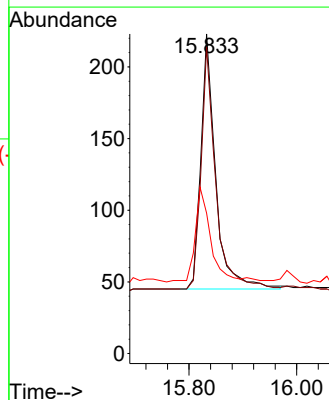
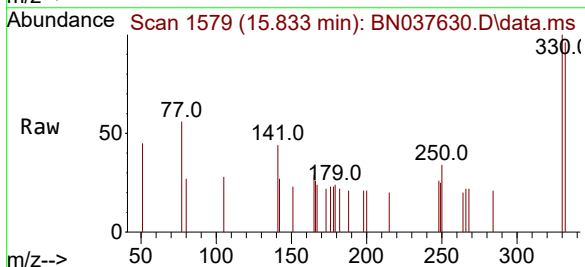
Instrument :
BNA_N
ClientSampleId :
PB169286BS

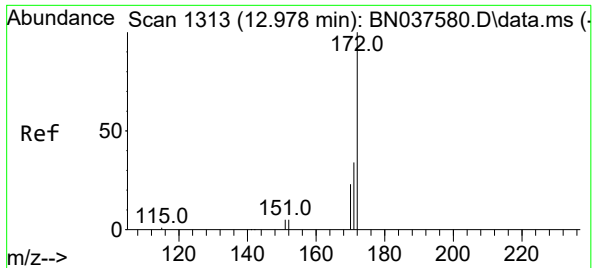
Tgt Ion:164 Resp: 2629
Ion Ratio Lower Upper
164 100
162 101.7 85.5 128.3
160 56.5 49.5 74.3



#14
2,4,6-Tribromophenol
Concen: 0.297 ng
RT: 15.833 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BN037630.D
Acq: 20 Aug 2025 11:25

Tgt Ion:330 Resp: 342
Ion Ratio Lower Upper
330 100
332 93.3 77.4 116.0
141 39.5 30.9 46.3





#15

2-Fluorobiphenyl

Concen: 0.362 ng

RT: 12.968 min Scan# 11

Delta R.T. -0.010 min

Lab File: BN037630.D

Acq: 20 Aug 2025 11:25

Instrument :

BNA_N

ClientSampleId :

PB169286BS

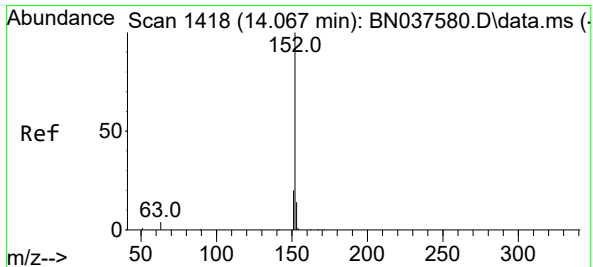
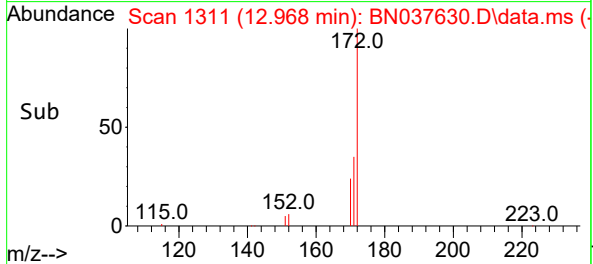
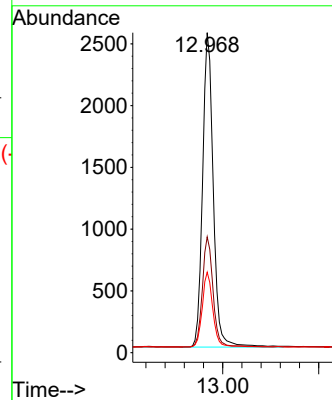
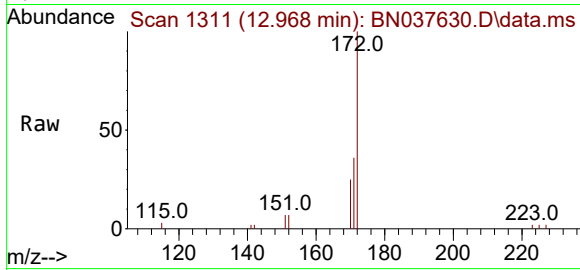
Tgt Ion:172 Resp: 5503

Ion Ratio Lower Upper

172 100

171 36.2 28.2 42.4

170 25.1 19.2 28.8



#16

Acenaphthylene

Concen: 0.373 ng

RT: 14.056 min Scan# 1417

Delta R.T. -0.011 min

Lab File: BN037630.D

Acq: 20 Aug 2025 11:25

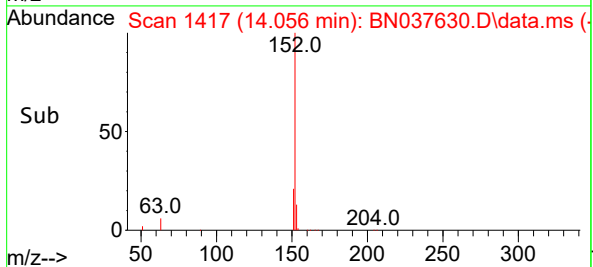
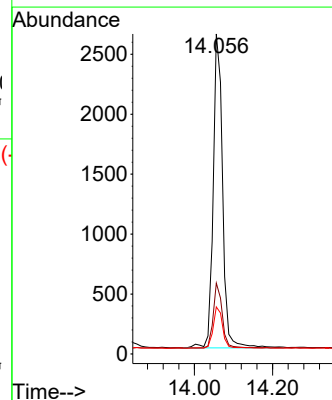
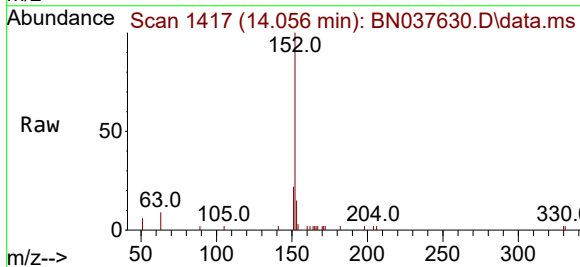
Tgt Ion:152 Resp: 4394

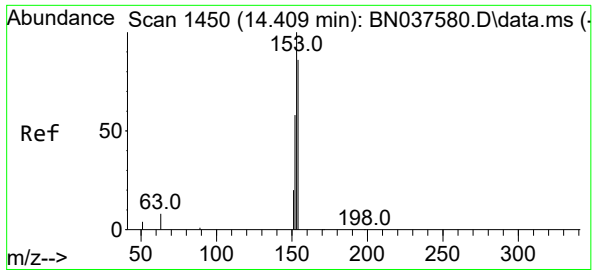
Ion Ratio Lower Upper

152 100

151 19.9 16.1 24.1

153 13.3 10.7 16.1

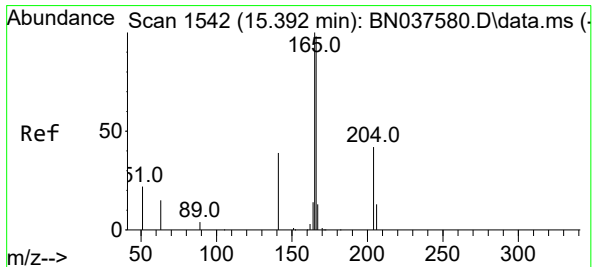
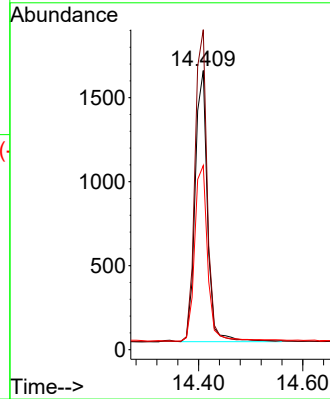
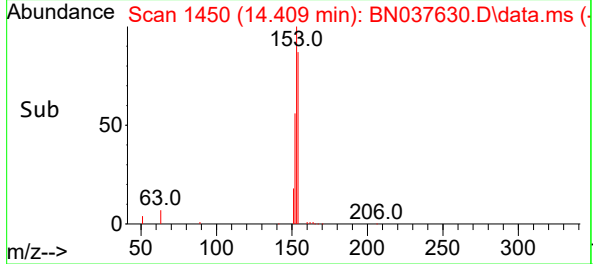
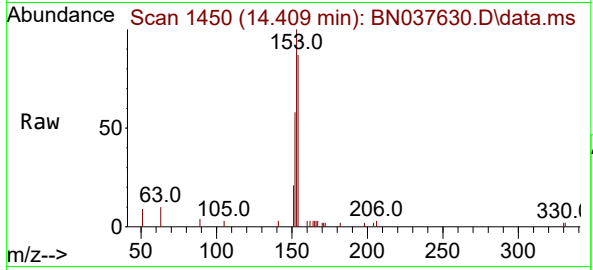




#17
Acenaphthene
Concen: 0.332 ng
RT: 14.409 min Scan# 1450
Delta R.T. 0.000 min
Lab File: BN037630.D
Acq: 20 Aug 2025 11:25

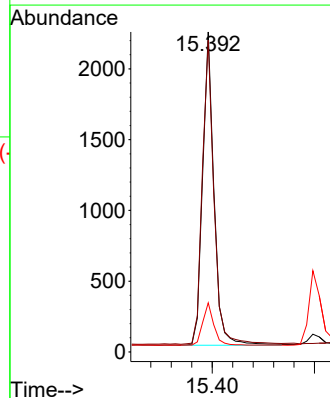
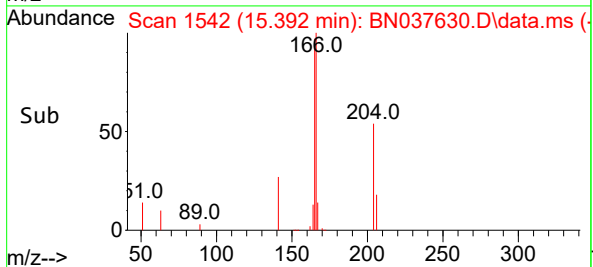
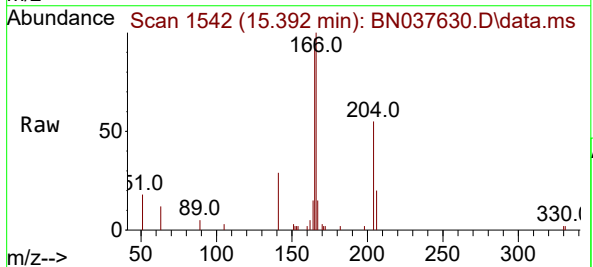
Instrument :
BNA_N
ClientSampleId :
PB169286BS

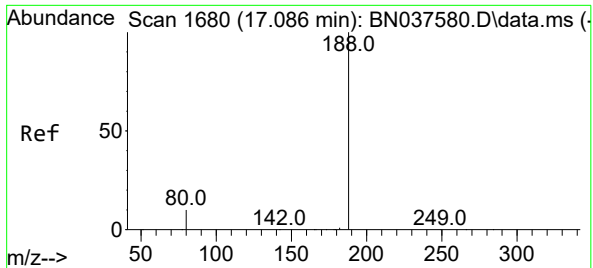
Tgt Ion:154 Resp: 2664
Ion Ratio Lower Upper
154 100
153 114.4 90.6 135.8
152 68.6 54.9 82.3



#18
Fluorene
Concen: 0.331 ng
RT: 15.392 min Scan# 1542
Delta R.T. 0.000 min
Lab File: BN037630.D
Acq: 20 Aug 2025 11:25

Tgt Ion:166 Resp: 3473
Ion Ratio Lower Upper
166 100
165 99.2 78.9 118.3
167 13.1 10.7 16.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.086 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN037630.D

Acq: 20 Aug 2025 11:25

Instrument :

BNA_N

ClientSampleId :

PB169286BS

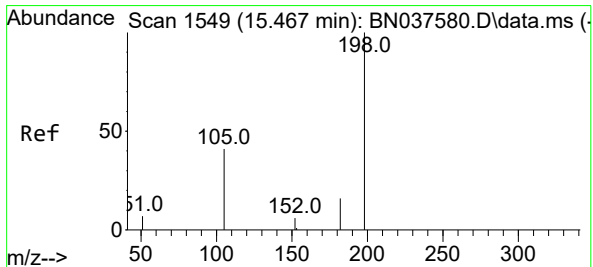
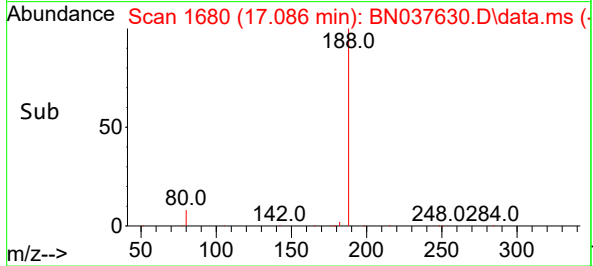
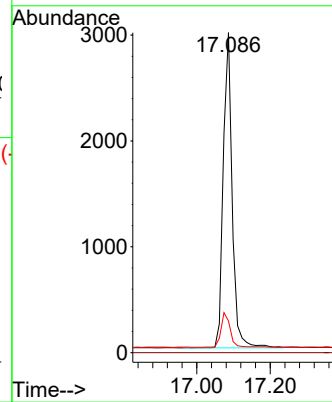
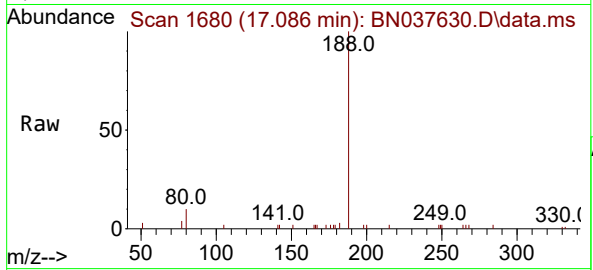
Tgt Ion:188 Resp: 5040

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.9 9.1 13.7



#20

4,6-Dinitro-2-methylphenol

Concen: 0.348 ng

RT: 15.467 min Scan# 1549

Delta R.T. 0.000 min

Lab File: BN037630.D

Acq: 20 Aug 2025 11:25

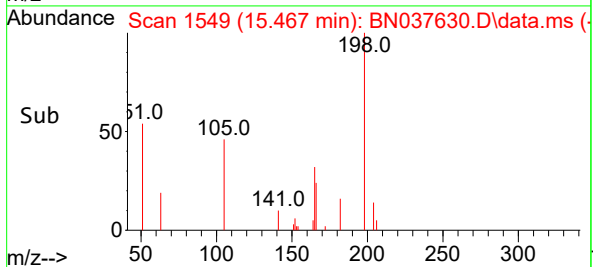
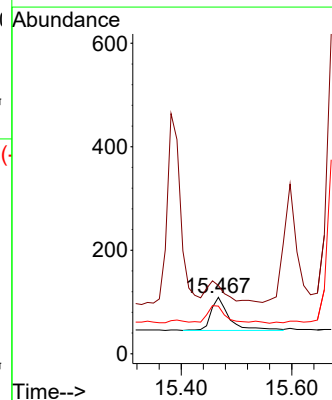
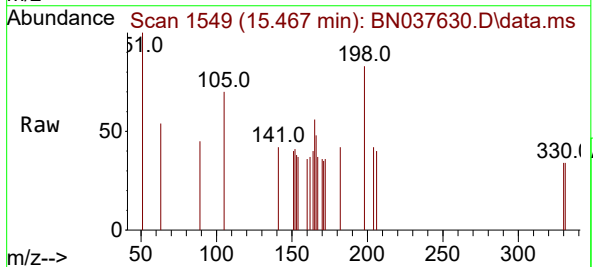
Tgt Ion:198 Resp: 153

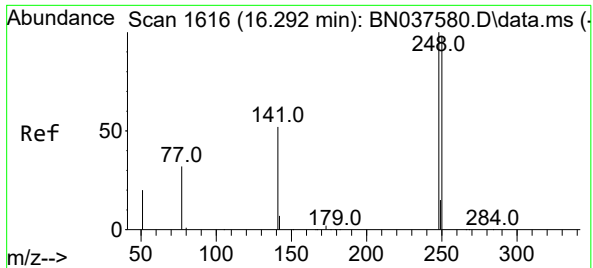
Ion Ratio Lower Upper

198 100

51 121.1 81.0 121.6

105 84.4 52.5 78.7#

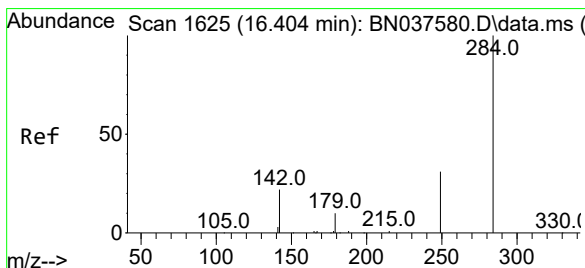
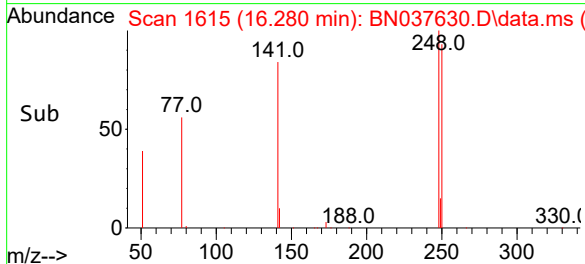
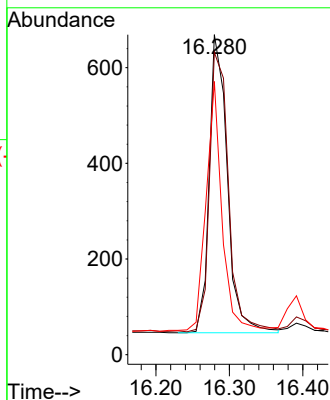
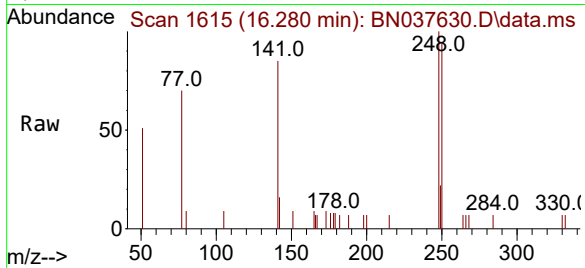




#21
4-Bromophenyl-phenylether
Concen: 0.336 ng
RT: 16.280 min Scan# 1615
Delta R.T. -0.012 min
Lab File: BN037630.D
Acq: 20 Aug 2025 11:25

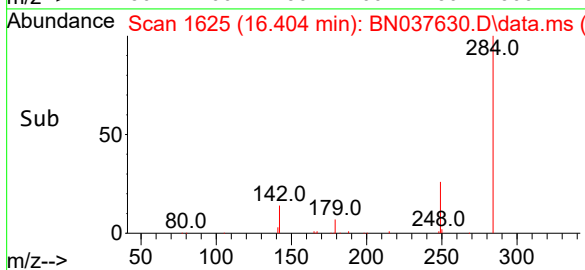
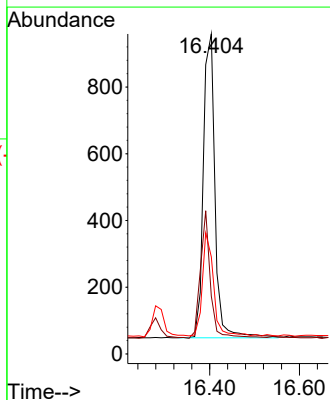
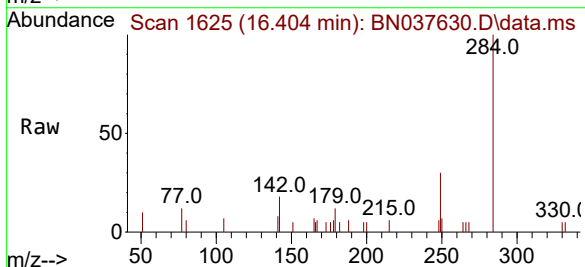
Instrument :
BNA_N
ClientSampleId :
PB169286BS

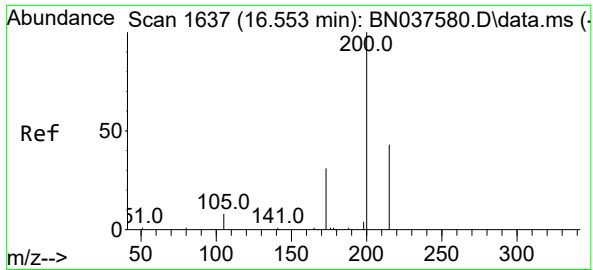
Tgt Ion	Ratio	Lower	Upper
248	100		
250	94.5	78.6	118.0
141	85.4	43.7	65.5



#22
Hexachlorobenzene
Concen: 0.366 ng
RT: 16.404 min Scan# 1625
Delta R.T. -0.000 min
Lab File: BN037630.D
Acq: 20 Aug 2025 11:25

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.3	29.8	44.6
249	32.5	26.0	39.0

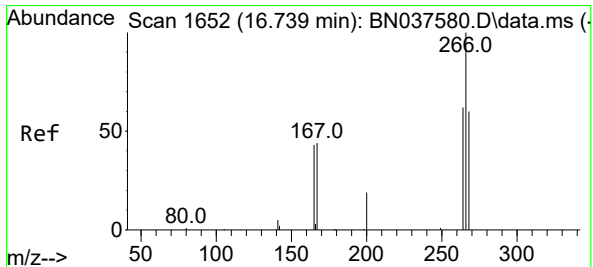
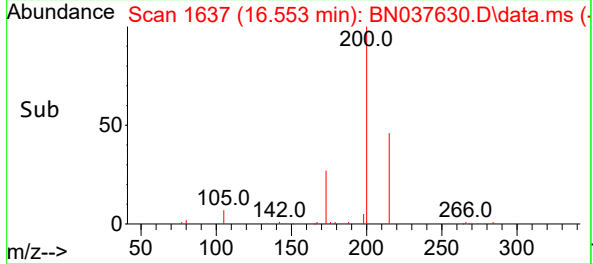
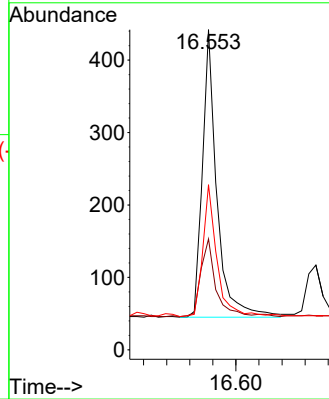
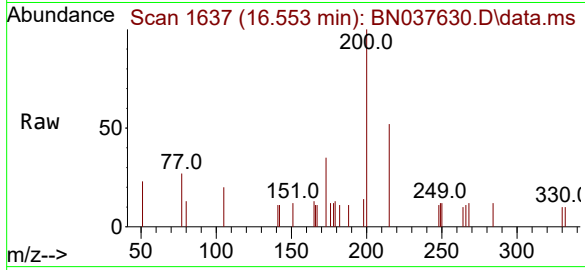




#23
Atrazine
Concen: 0.384 ng
RT: 16.553 min Scan# 1637
Delta R.T. -0.000 min
Lab File: BN037630.D
Acq: 20 Aug 2025 11:25

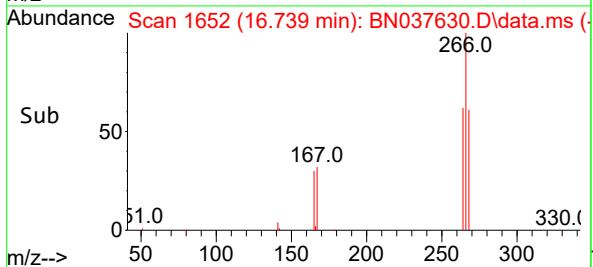
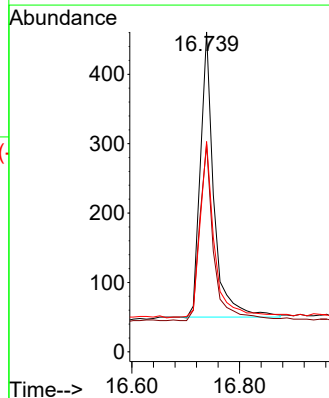
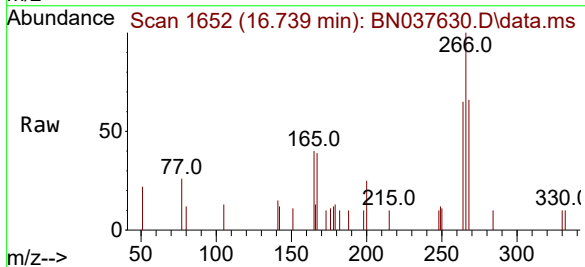
Instrument :
BNA_N
ClientSampleId :
PB169286BS

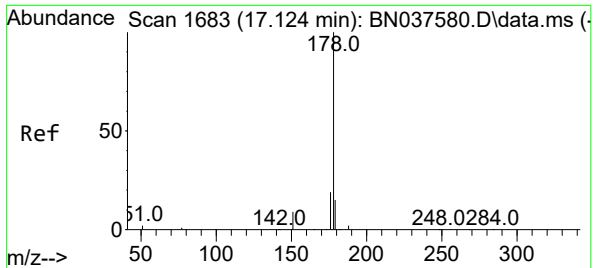
Tgt Ion	Ratio	Lower	Upper
200	100		
173	34.6	31.0	46.4
215	51.6	39.4	59.0



#24
Pentachlorophenol
Concen: 0.456 ng
RT: 16.739 min Scan# 1652
Delta R.T. -0.000 min
Lab File: BN037630.D
Acq: 20 Aug 2025 11:25

Tgt Ion	Ratio	Lower	Upper
266	100		
264	64.5	49.6	74.4
268	65.0	49.2	73.8

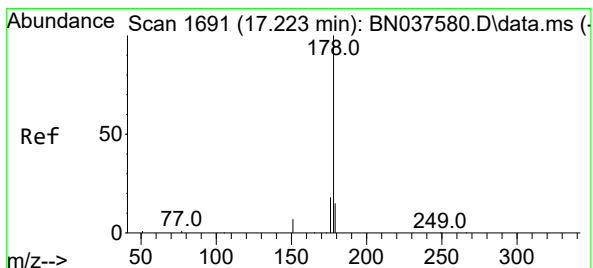
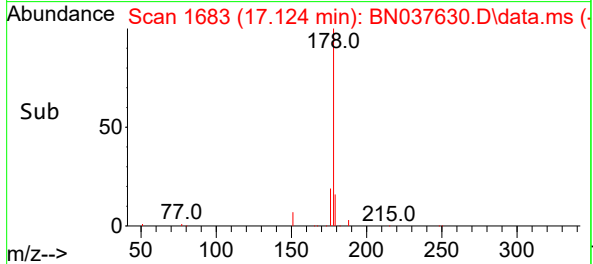
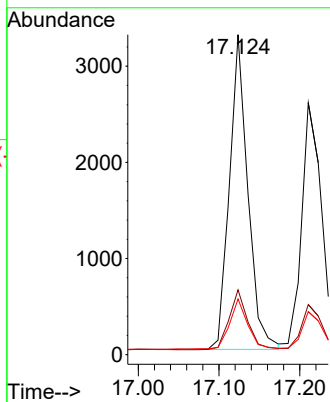
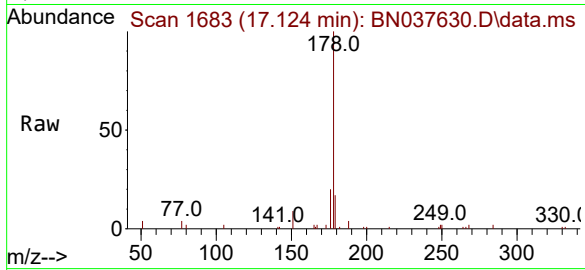




#25
Phenanthrene
Concen: 0.338 ng
RT: 17.124 min Scan# 1683
Delta R.T. 0.000 min
Lab File: BN037630.D
Acq: 20 Aug 2025 11:25

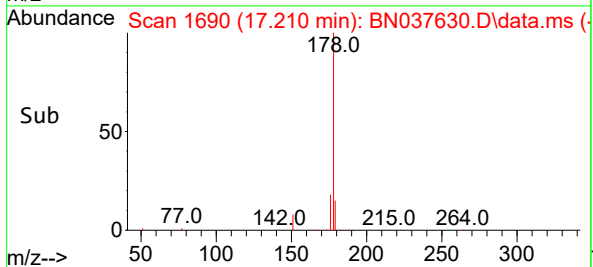
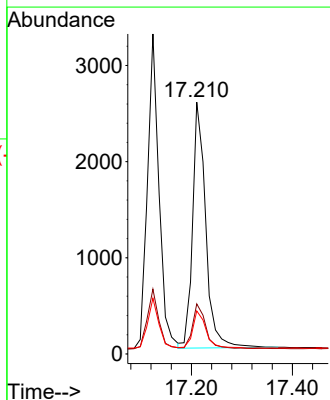
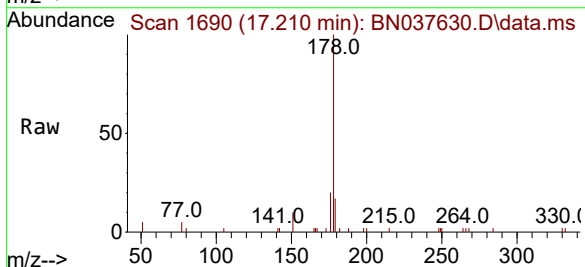
Instrument :
BNA_N
ClientSampleId :
PB169286BS

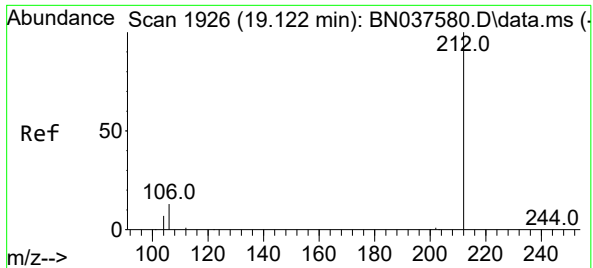
Tgt Ion:178 Resp: 5179
Ion Ratio Lower Upper
178 100
176 19.1 15.0 22.6
179 15.9 12.3 18.5



#26
Anthracene
Concen: 0.342 ng
RT: 17.210 min Scan# 1690
Delta R.T. -0.012 min
Lab File: BN037630.D
Acq: 20 Aug 2025 11:25

Tgt Ion:178 Resp: 4635
Ion Ratio Lower Upper
178 100
176 18.2 14.7 22.1
179 15.3 12.3 18.5

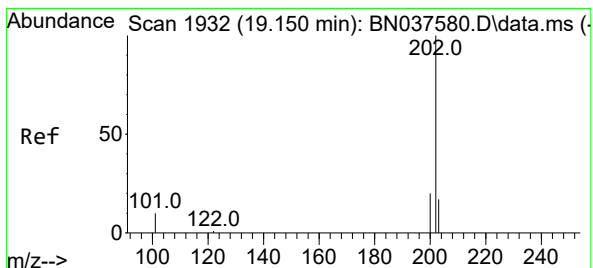
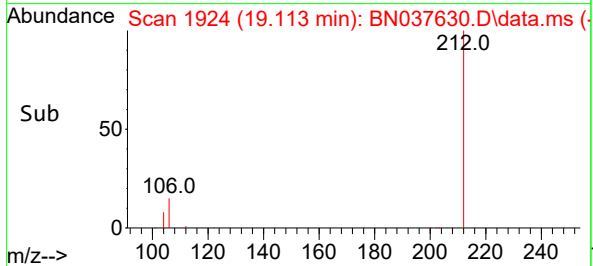
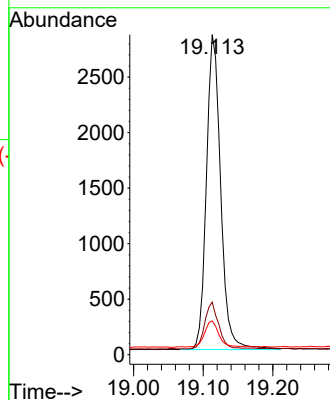
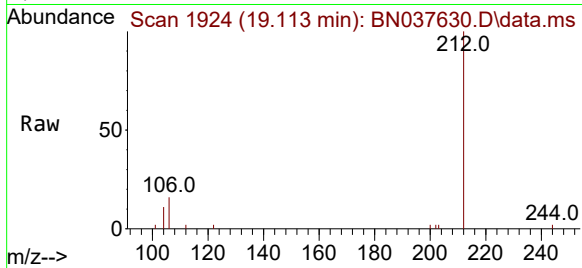




#27
Fluoranthene-d10
Concen: 0.305 ng
RT: 19.113 min Scan# 1924
Delta R.T. -0.009 min
Lab File: BN037630.D
Acq: 20 Aug 2025 11:25

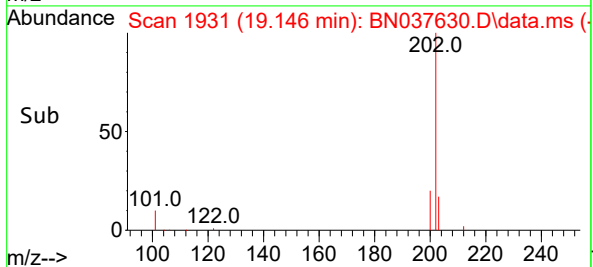
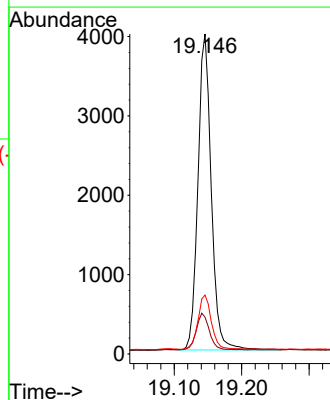
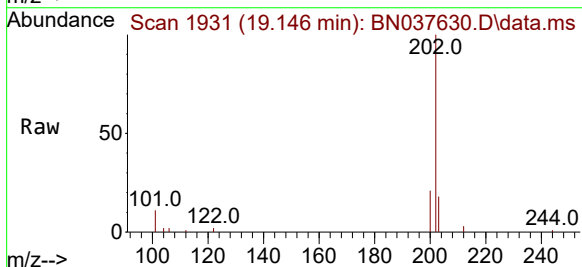
Instrument :
BNA_N
ClientSampleId :
PB169286BS

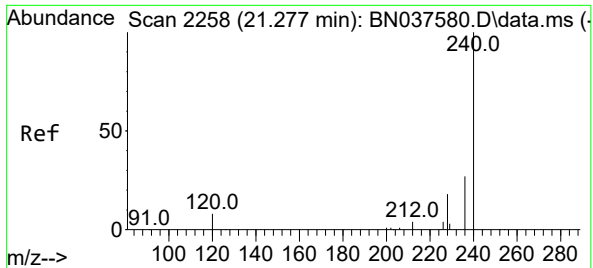
Tgt Ion	Ratio	Lower	Upper
212	100		
106	14.6	11.5	17.3
104	8.2	6.6	9.8



#28
Fluoranthene
Concen: 0.310 ng
RT: 19.146 min Scan# 1931
Delta R.T. -0.005 min
Lab File: BN037630.D
Acq: 20 Aug 2025 11:25

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.4	9.0	13.6
203	17.2	13.8	20.8





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.268 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN037630.D

Acq: 20 Aug 2025 11:25

Instrument :

BNA_N

ClientSampleId :

PB169286BS

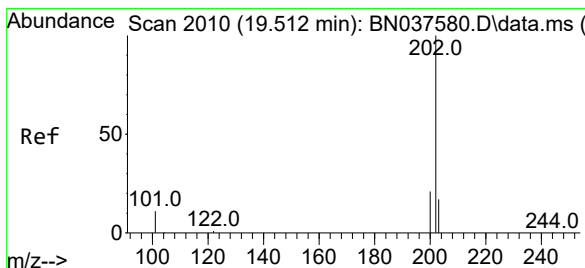
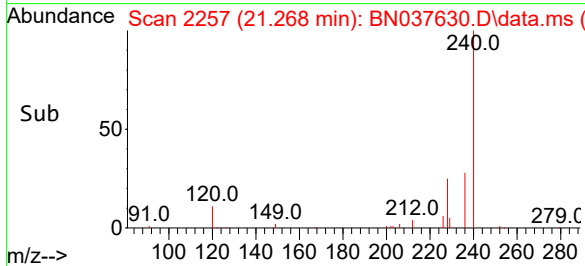
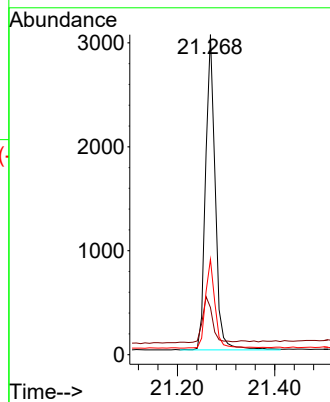
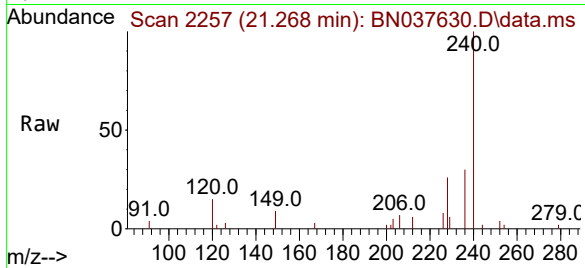
Tgt Ion:240 Resp: 4175

Ion Ratio Lower Upper

240 100

120 14.7 8.9 13.3#

236 29.8 22.6 33.8



#30

Pyrene

Concen: 0.342 ng

RT: 19.508 min Scan# 2009

Delta R.T. -0.005 min

Lab File: BN037630.D

Acq: 20 Aug 2025 11:25

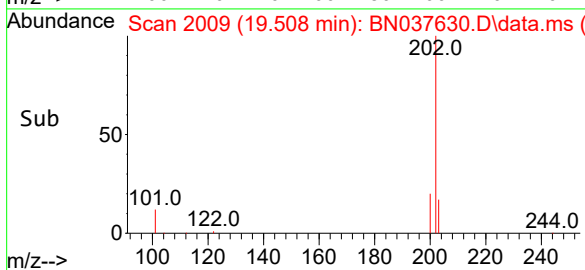
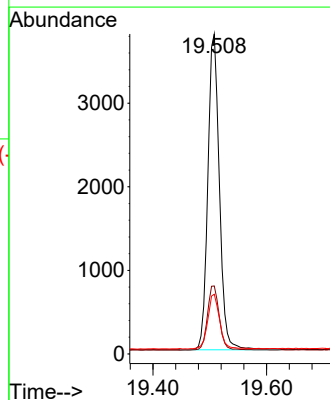
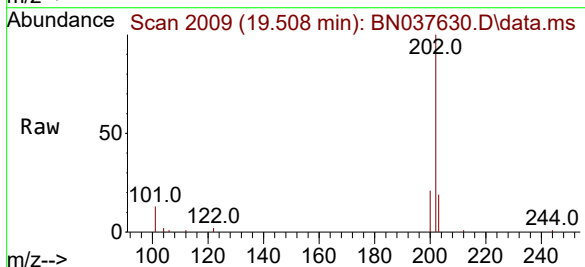
Tgt Ion:202 Resp: 5332

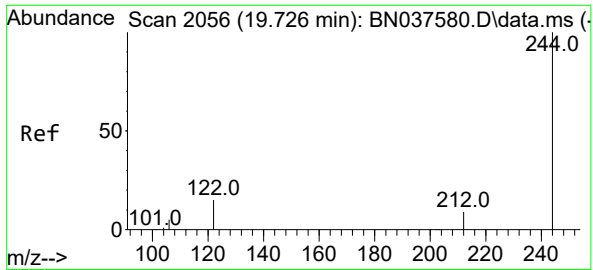
Ion Ratio Lower Upper

202 100

200 20.9 16.6 25.0

203 17.9 14.3 21.5

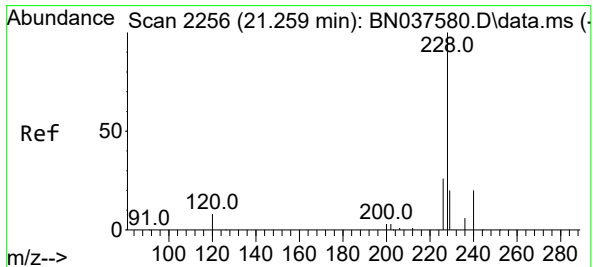
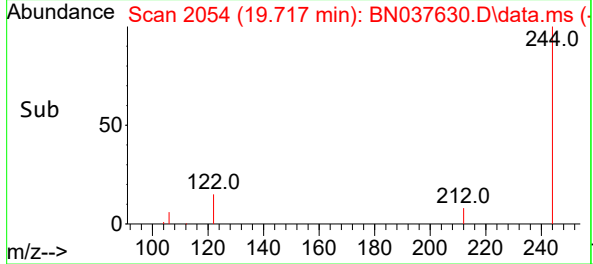
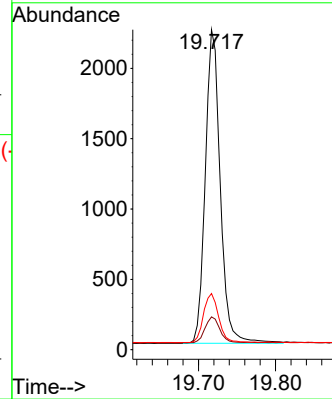
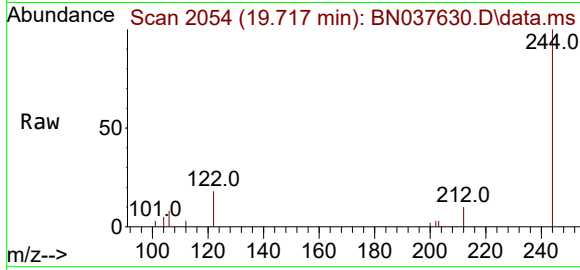




#31
Terphenyl-d14
Concen: 0.350 ng
RT: 19.717 min Scan# 2054
Delta R.T. -0.009 min
Lab File: BN037630.D
Acq: 20 Aug 2025 11:25

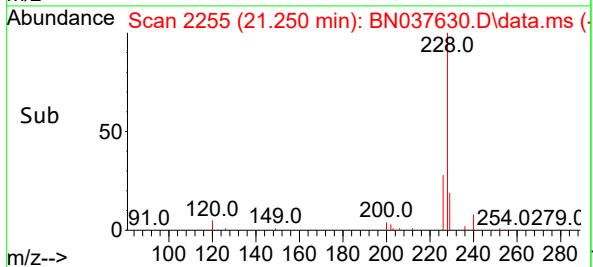
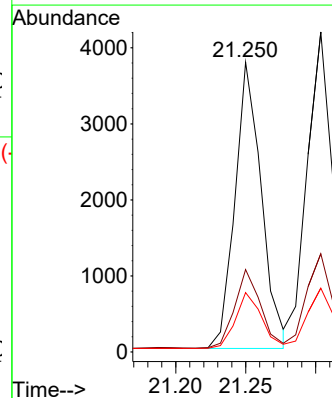
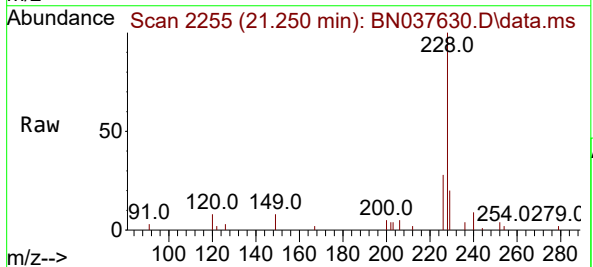
Instrument :
BNA_N
ClientSampleId :
PB169286BS

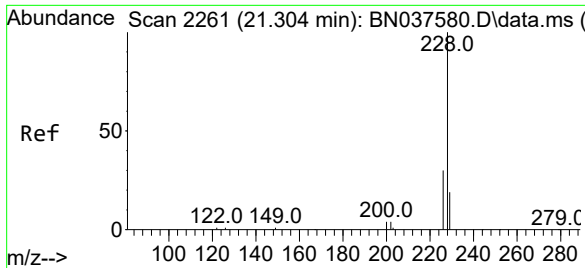
Tgt Ion	Ratio	Lower	Upper
244	100		
212	10.3	8.2	12.2
122	17.5	13.2	19.8



#32
Benzo(a)anthracene
Concen: 0.355 ng
RT: 21.250 min Scan# 2255
Delta R.T. -0.009 min
Lab File: BN037630.D
Acq: 20 Aug 2025 11:25

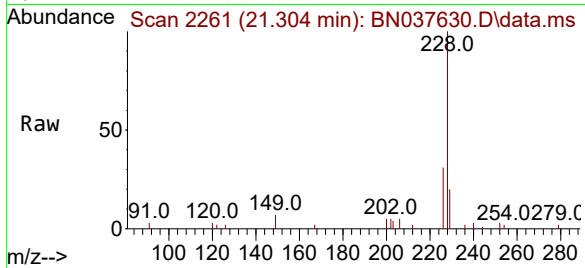
Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	21.5	32.3
229	20.5	16.5	24.7



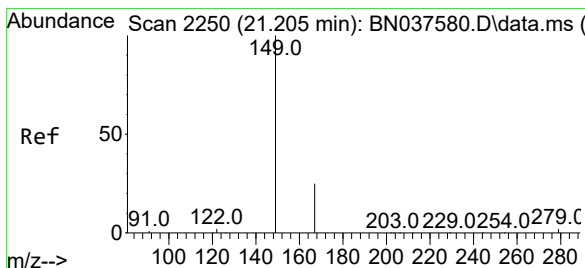
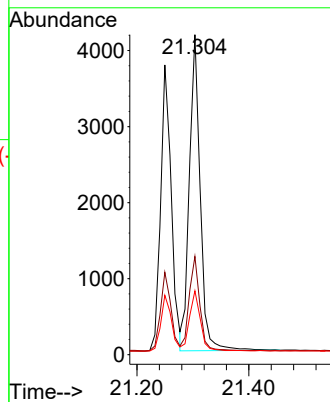
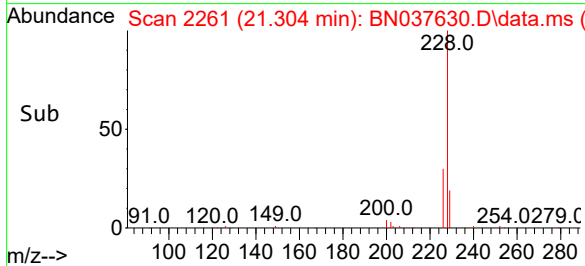


#33
Chrysene
Concen: 0.360 ng
RT: 21.304 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN037630.D
Acq: 20 Aug 2025 11:25

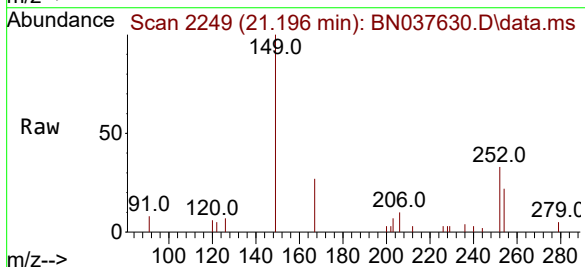
Instrument :
BNA_N
ClientSampleId :
PB169286BS



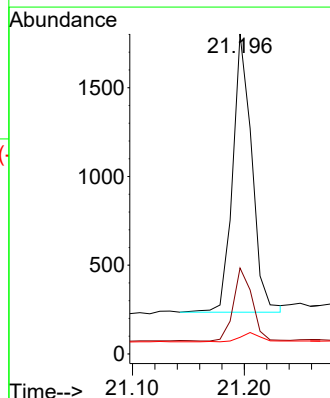
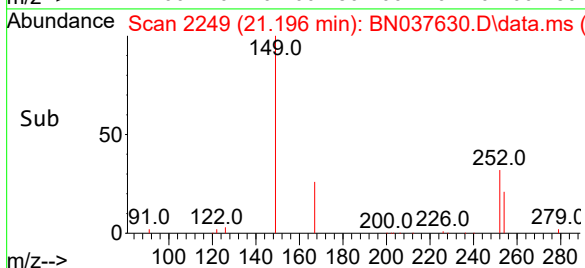
Tgt Ion:228 Resp: 5598
Ion Ratio Lower Upper
228 100
226 30.7 24.9 37.3
229 20.0 15.8 23.8

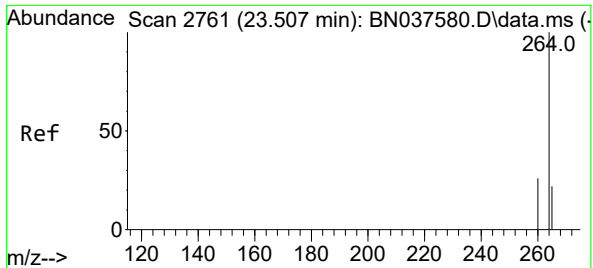


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.324 ng
RT: 21.196 min Scan# 2249
Delta R.T. -0.009 min
Lab File: BN037630.D
Acq: 20 Aug 2025 11:25



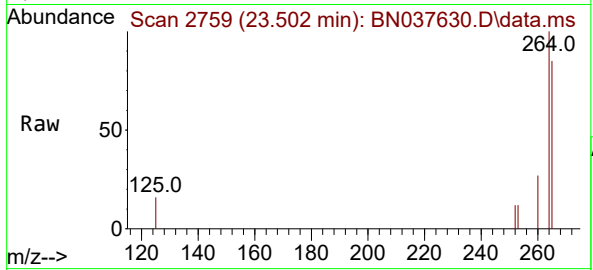
Tgt Ion:149 Resp: 1867
Ion Ratio Lower Upper
149 100
167 25.7 20.5 30.7
279 3.6 2.6 4.0



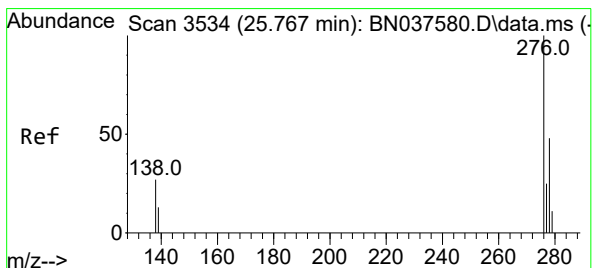
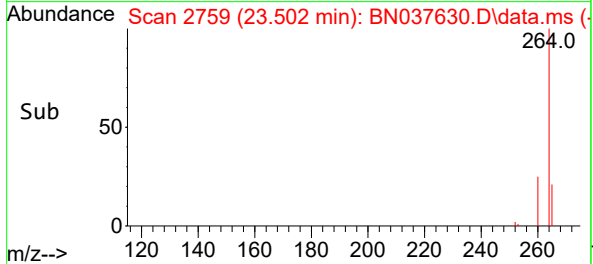
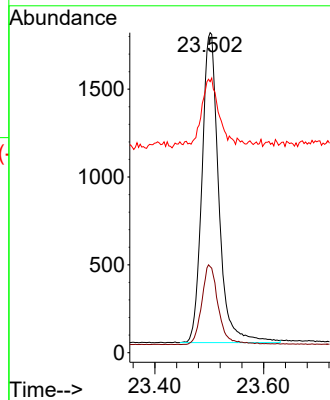


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.502 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN037630.D
Acq: 20 Aug 2025 11:25

Instrument :
BNA_N
ClientSampleId :
PB169286BS

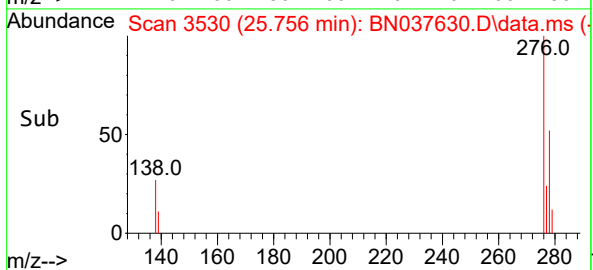
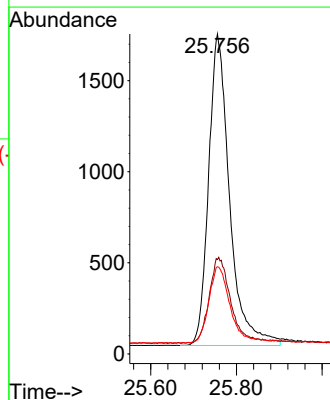
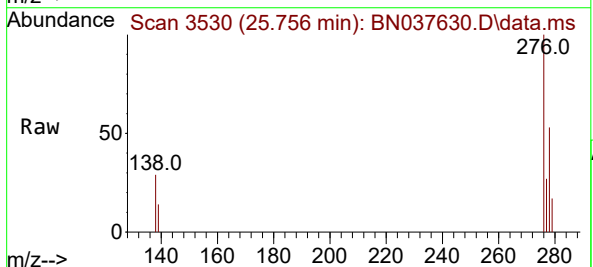


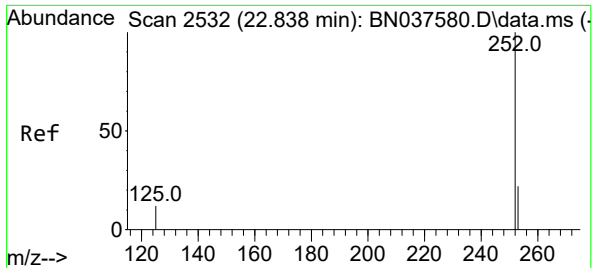
Tgt Ion:264 Resp: 3780
Ion Ratio Lower Upper
264 100
260 26.9 21.6 32.4
265 84.7 48.2 72.4#



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.365 ng
RT: 25.756 min Scan# 3530
Delta R.T. -0.012 min
Lab File: BN037630.D
Acq: 20 Aug 2025 11:25

Tgt Ion:276 Resp: 5812
Ion Ratio Lower Upper
276 100
138 27.9 23.3 34.9
277 24.4 19.5 29.3

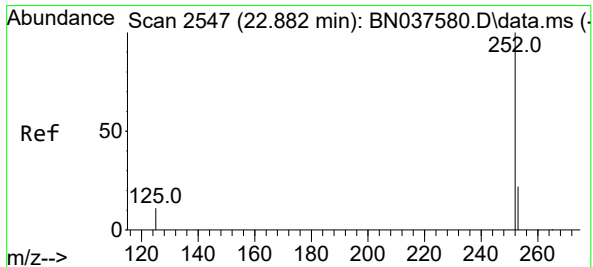
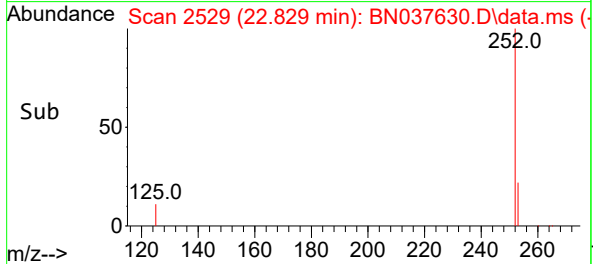
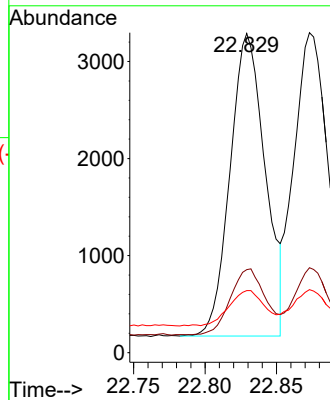
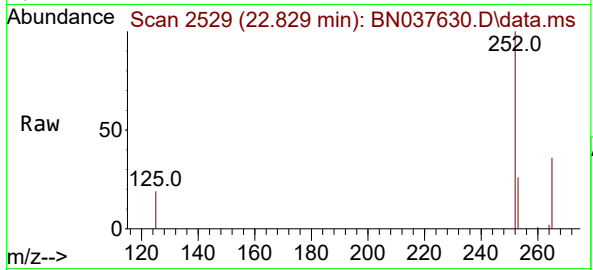




#37
Benzo(b)fluoranthene
Concen: 0.372 ng
RT: 22.829 min Scan# 2532
Delta R.T. -0.009 min
Lab File: BN037630.D
Acq: 20 Aug 2025 11:25

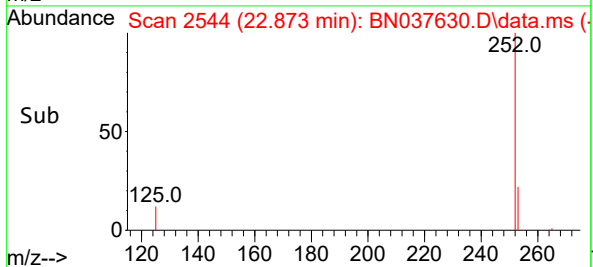
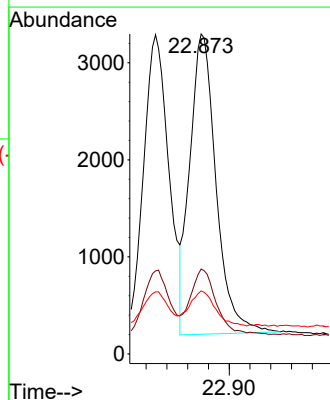
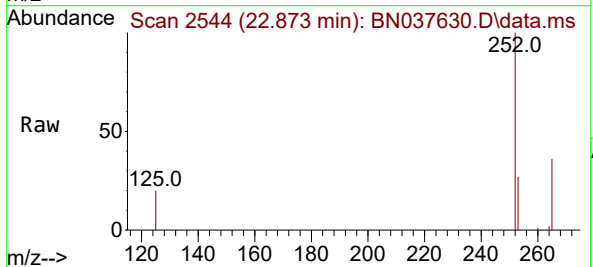
Instrument :
BNA_N
ClientSampleId :
PB169286BS

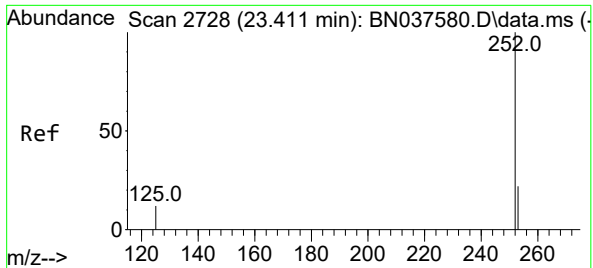
Tgt Ion:252 Resp: 5325
Ion Ratio Lower Upper
252 100
253 26.0 20.0 30.0
125 19.4 13.8 20.6



#38
Benzo(k)fluoranthene
Concen: 0.335 ng
RT: 22.873 min Scan# 2544
Delta R.T. -0.009 min
Lab File: BN037630.D
Acq: 20 Aug 2025 11:25

Tgt Ion:252 Resp: 5420
Ion Ratio Lower Upper
252 100
253 26.5 19.9 29.9
125 19.7 15.0 22.6





#39

Benzo(a)pyrene

Concen: 0.378 ng

RT: 23.402 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN037630.D

Acq: 20 Aug 2025 11:25

Instrument :

BNA_N

ClientSampleId :

PB169286BS

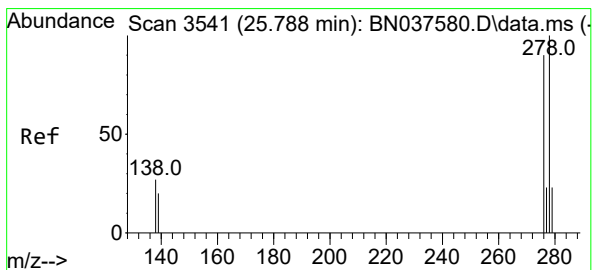
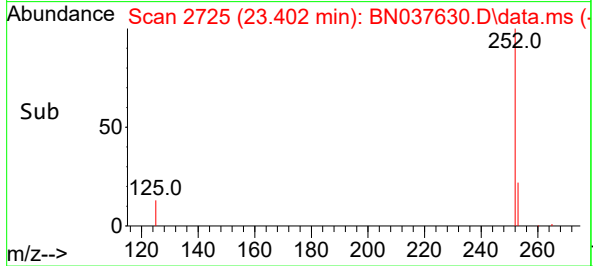
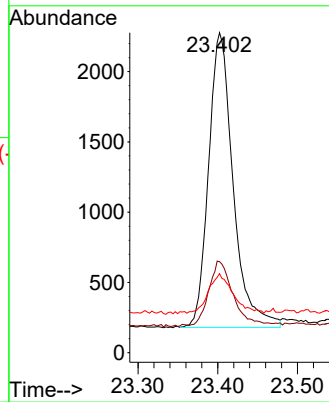
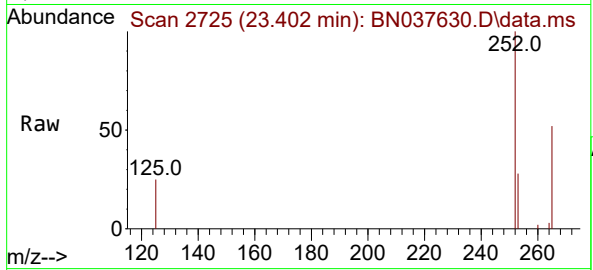
Tgt Ion:252 Resp: 4490

Ion Ratio Lower Upper

252 100

253 28.5 21.6 32.4

125 24.7 16.8 25.2



#40

Dibenzo(a,h)anthracene

Concen: 0.360 ng

RT: 25.776 min Scan# 3537

Delta R.T. -0.012 min

Lab File: BN037630.D

Acq: 20 Aug 2025 11:25

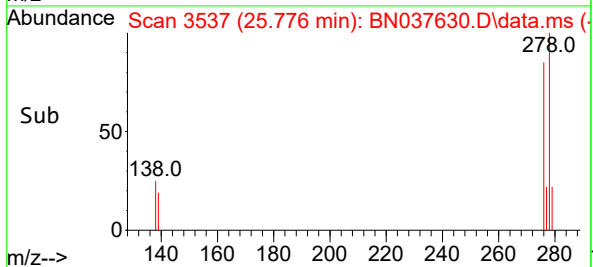
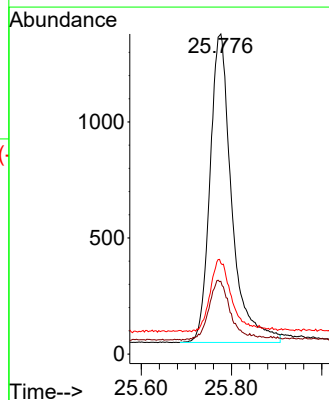
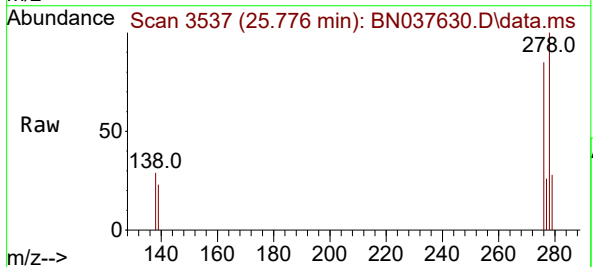
Tgt Ion:278 Resp: 4445

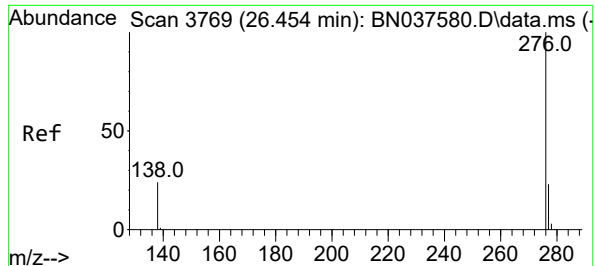
Ion Ratio Lower Upper

278 100

139 22.7 18.3 27.5

279 28.4 22.5 33.7





#41

Benzo(g,h,i)perylene

Concen: 0.395 ng

RT: 26.440 min Scan# 31

Delta R.T. -0.015 min

Lab File: BN037630.D

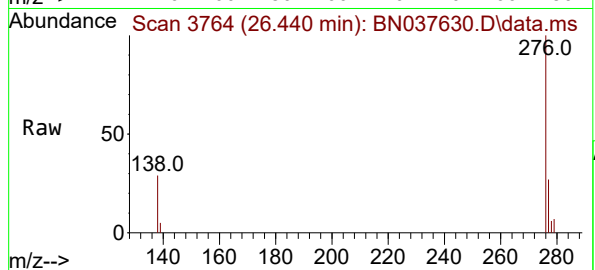
Acq: 20 Aug 2025 11:25

Instrument :

BNA_N

ClientSampleId :

PB169286BS



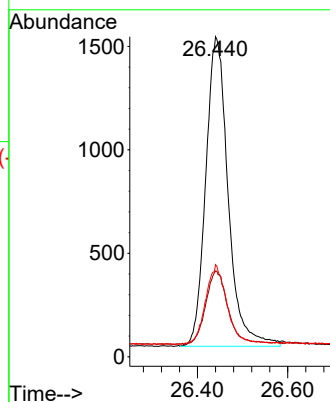
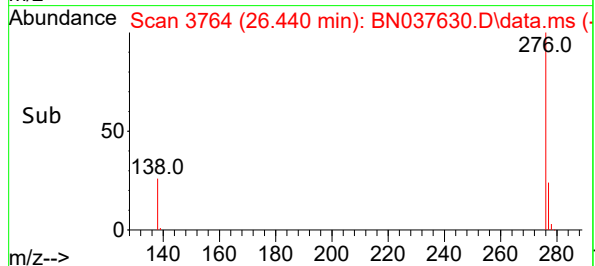
Tgt Ion:276 Resp: 5149

Ion Ratio Lower Upper

276 100

277 26.8 21.0 31.4

138 28.8 21.7 32.5



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081925\
 Data File : BN037605.D
 Acq On : 19 Aug 2025 13:40
 Operator : RC/JU
 Sample : Q2842-04MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-17B-55.5-08122025MS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/20/2025
 Supervised By :Jagrut Upadhyay 08/20/2025

Quant Time: Aug 20 01:25:45 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 13 05:00:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	2023	0.400	ng	0.00
7) Naphthalene-d8	10.498	136	4765	0.400	ng	0.00
13) Acenaphthene-d10	14.345	164	2380	0.400	ng	0.00
19) Phenanthrene-d10	17.087	188	4922	0.400	ng	0.00
29) Chrysene-d12	21.268	240	4507	0.400	ng	# 0.00
35) Perylene-d12	23.505	264	3909	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.305	112	698	0.152	ng	0.00
5) Phenol-d6	6.879	99	508	0.092	ng	0.00
8) Nitrobenzene-d5	8.854	82	1111	0.331	ng	0.00
11) 2-Methylnaphthalene-d10	12.086	152	2001m	0.309	ng	0.00
14) 2,4,6-Tribromophenol	15.833	330	392	0.376	ng	0.00
15) 2-Fluorobiphenyl	12.973	172	4453	0.324	ng	0.00
27) Fluoranthene-d10	19.118	212	4870	0.376	ng	0.00
31) Terphenyl-d14	19.722	244	4344	0.468	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.239	88	5476	2.829	ng	# 90
3) n-Nitrosodimethylamine	3.536	42	418	0.169	ng	# 90
6) bis(2-Chloroethyl)ether	7.139	93	1634	0.329	ng	98
9) Naphthalene	10.541	128	4254	0.335	ng	98
10) Hexachlorobutadiene	10.840	225	924	0.298	ng	# 99
12) 2-Methylnaphthalene	12.162	142	2421	0.304	ng	99
16) Acenaphthylene	14.067	152	3870	0.363	ng	100
17) Acenaphthene	14.409	154	2473	0.341	ng	96
18) Fluorene	15.393	166	3340	0.352	ng	99
20) 4,6-Dinitro-2-methylph...	15.467	198	226	0.434	ng	88
21) 4-Bromophenyl-phenylether	16.280	248	1089	0.352	ng	# 75
22) Hexachlorobenzene	16.404	284	1490	0.340	ng	99
23) Atrazine	16.553	200	797	0.456	ng	95
24) Pentachlorophenol	16.739	266	1320	0.857	ng	99
25) Phenanthrene	17.124	178	6725	0.449	ng	100
26) Anthracene	17.211	178	5205	0.393	ng	100
28) Fluoranthene	19.146	202	7212	0.420	ng	100
30) Pyrene	19.508	202	6994	0.415	ng	100
32) Benzo(a)anthracene	21.259	228	6028	0.400	ng	99
33) Chrysene	21.304	228	6700	0.399	ng	99
34) Bis(2-ethylhexyl)phtha...	21.205	149	3417	0.550	ng	99
36) Indeno(1,2,3-cd)pyrene	25.759	276	6122	0.372	ng	99
37) Benzo(b)fluoranthene	22.832	252	6094	0.411	ng	99
38) Benzo(k)fluoranthene	22.876	252	6247	0.374	ng	98
39) Benzo(a)pyrene	23.405	252	5054	0.411	ng	99
40) Dibenzo(a,h)anthracene	25.779	278	4709	0.368	ng	99
41) Benzo(g,h,i)perylene	26.449	276	5269	0.391	ng	100

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

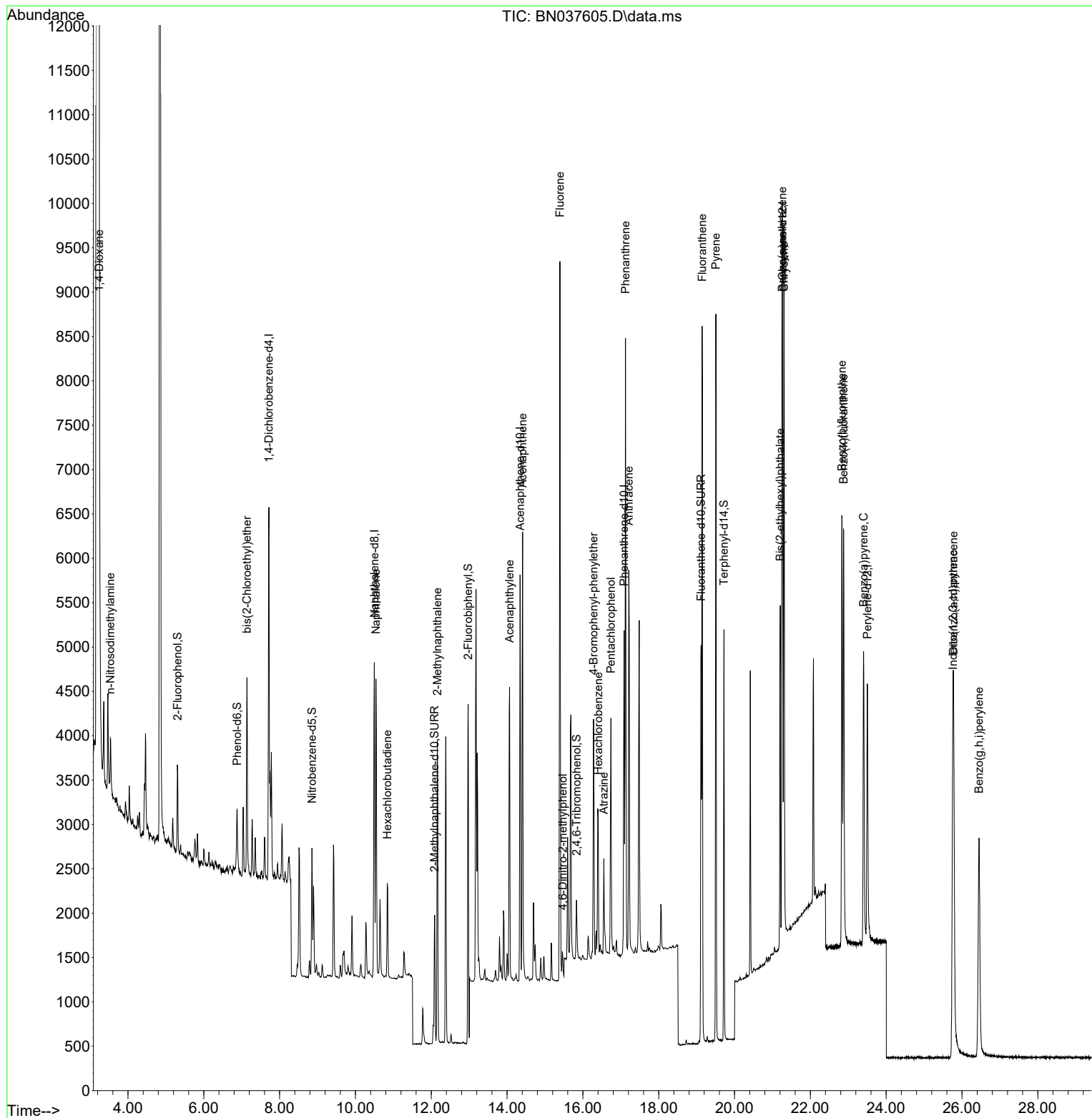
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081925\
 Data File : BN037605.D
 Acq On : 19 Aug 2025 13:40
 Operator : RC/JU
 Sample : Q2842-04MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

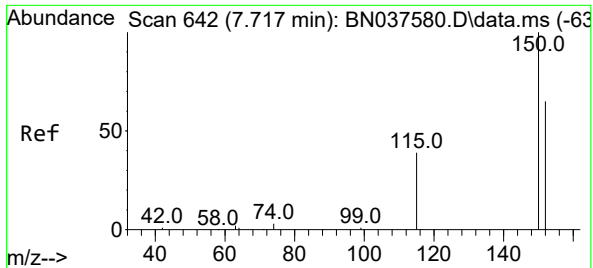
Instrument :
 BNA_N
 ClientSampleId :
 MW-17B-55.5-08122025MS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/20/2025
 Supervised By :Jagrut Upadhyay 08/20/2025

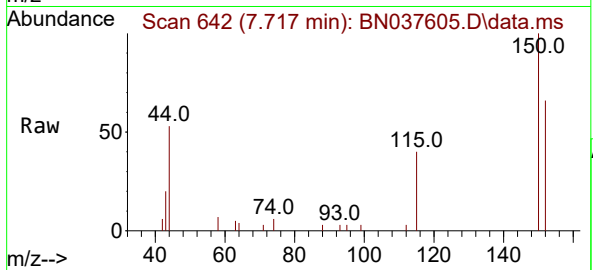
Quant Time: Aug 20 01:25:45 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 13 05:00:58 2025
 Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.717 min Scan# 642
Delta R.T. 0.000 min
Lab File: BN037605.D
Acq: 19 Aug 2025 13:40

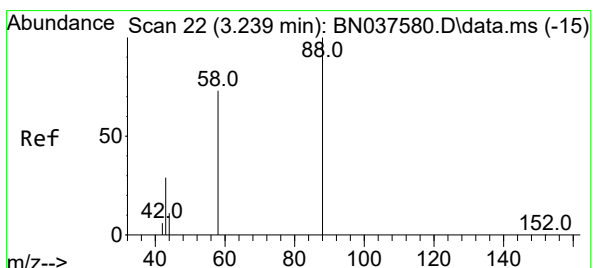
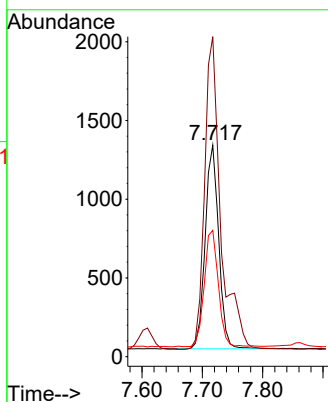
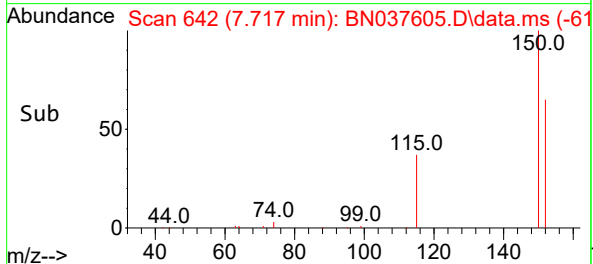
Instrument :
BNA_N
ClientSampleId :
MW-17B-55.5-08122025MS



Tgt Ion: 152 Resp: 2023
Ion Ratio Lower Upper
152 100
150 151.3 122.2 183.4
115 59.8 49.8 74.6

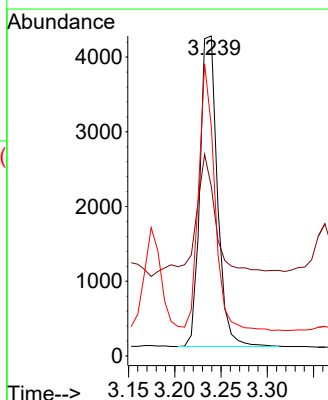
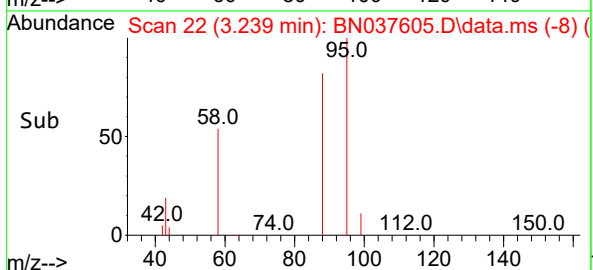
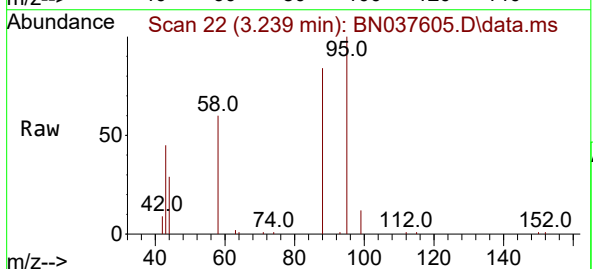
Manual Integrations
APPROVED

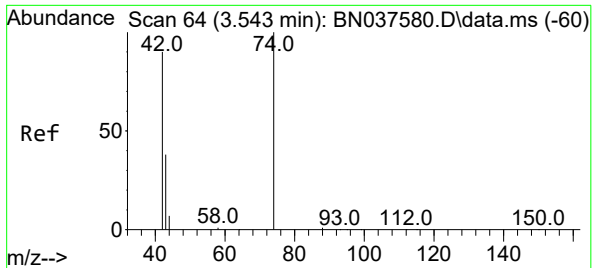
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#2
1,4-Dioxane
Concen: 2.829 ng
RT: 3.239 min Scan# 22
Delta R.T. 0.000 min
Lab File: BN037605.D
Acq: 19 Aug 2025 13:40

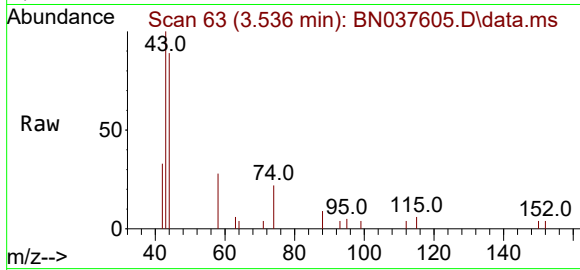
Tgt Ion: 88 Resp: 5476
Ion Ratio Lower Upper
88 100
43 48.7 25.8 38.6#
58 78.4 61.2 91.8





#3
n-Nitrosodimethylamine
Concen: 0.169 ng
RT: 3.536 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN037605.D
Acq: 19 Aug 2025 13:40

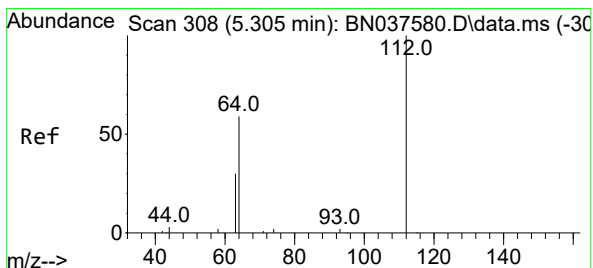
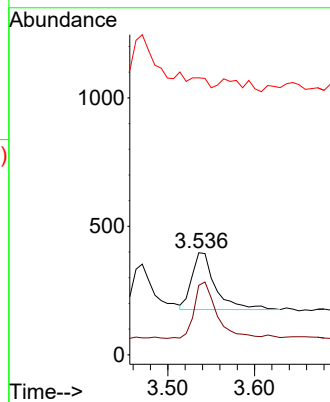
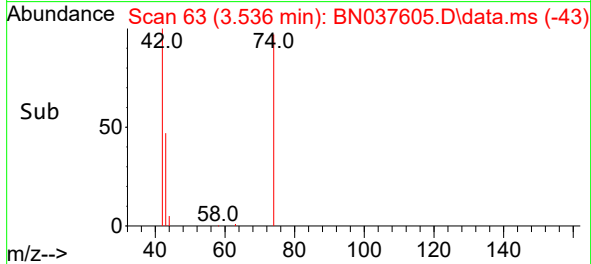
Instrument :
BNA_N
ClientSampleId :
MW-17B-55.5-08122025MS



Tgt Ion: 42 Resp: 418
Ion Ratio Lower Upper
42 100
74 94.0 82.0 123.0
44 0.0 7.9 11.9

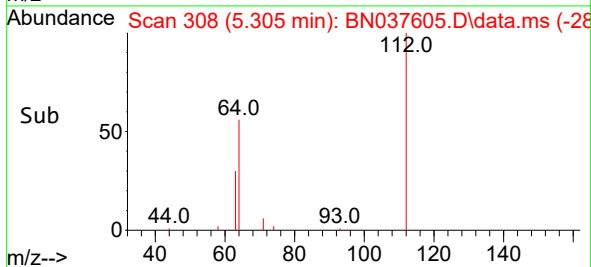
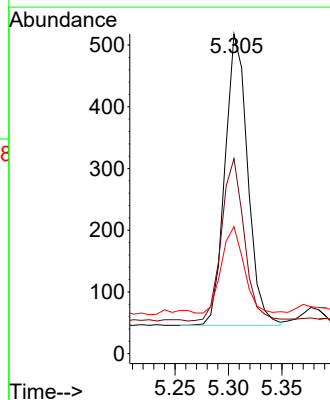
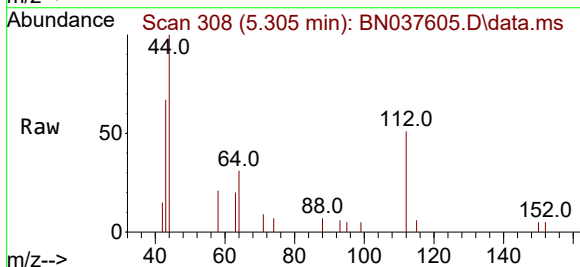
Manual Integrations
APPROVED

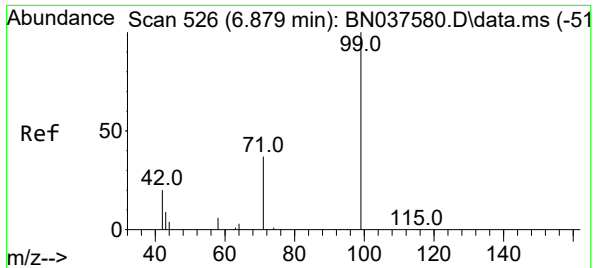
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#4
2-Fluorophenol
Concen: 0.152 ng
RT: 5.305 min Scan# 308
Delta R.T. 0.000 min
Lab File: BN037605.D
Acq: 19 Aug 2025 13:40

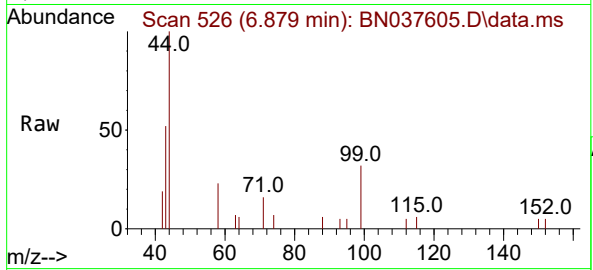
Tgt Ion:112 Resp: 698
Ion Ratio Lower Upper
112 100
64 55.6 44.9 67.3
63 29.5 23.4 35.2





#5
Phenol-d6
Concen: 0.092 ng
RT: 6.879 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN037605.D
Acq: 19 Aug 2025 13:40

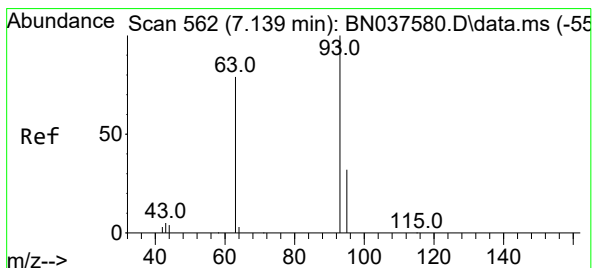
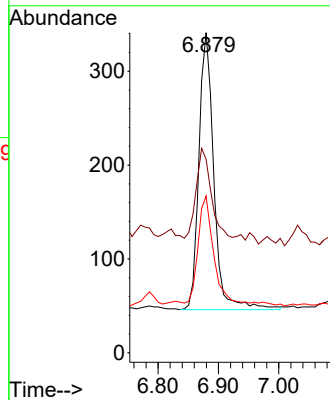
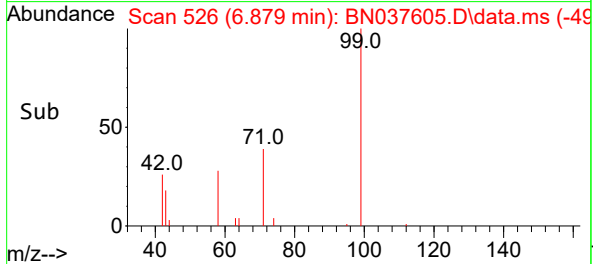
Instrument :
BNA_N
ClientSampleId :
MW-17B-55.5-08122025MS



Tgt Ion: 99 Resp: 508
Ion Ratio Lower Upper
99 100
42 32.3 18.5 27.7
71 39.4 28.6 42.8

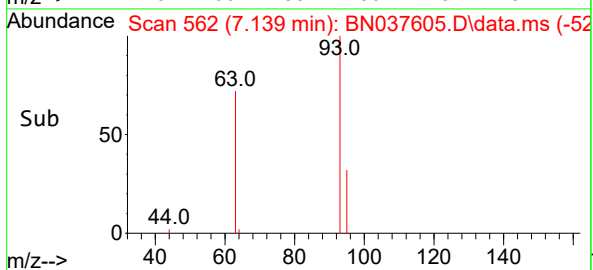
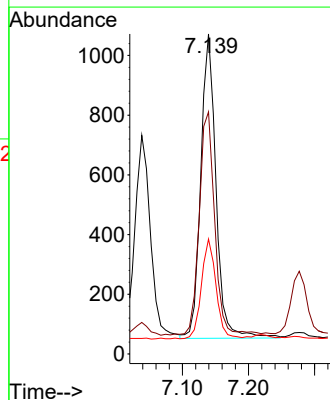
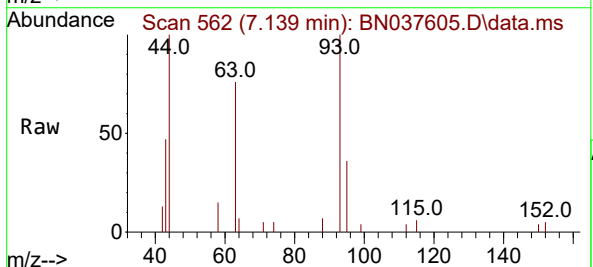
Manual Integrations
APPROVED

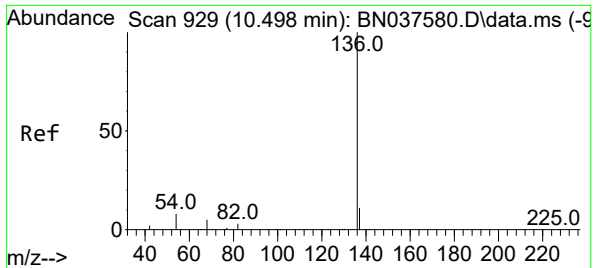
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#6
bis(2-Chloroethyl)ether
Concen: 0.329 ng
RT: 7.139 min Scan# 562
Delta R.T. 0.000 min
Lab File: BN037605.D
Acq: 19 Aug 2025 13:40

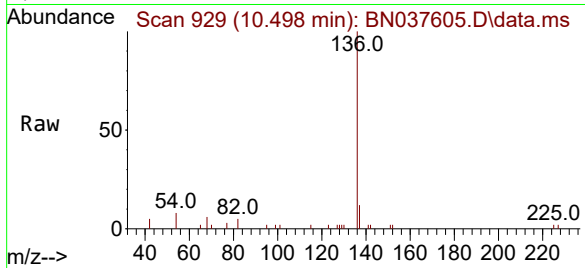
Tgt Ion: 93 Resp: 1634
Ion Ratio Lower Upper
93 100
63 74.9 58.0 87.0
95 31.4 24.9 37.3





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.498 min Scan# 929
Delta R.T. 0.000 min
Lab File: BN037605.D
Acq: 19 Aug 2025 13:40

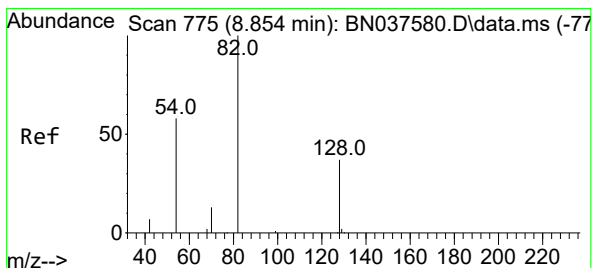
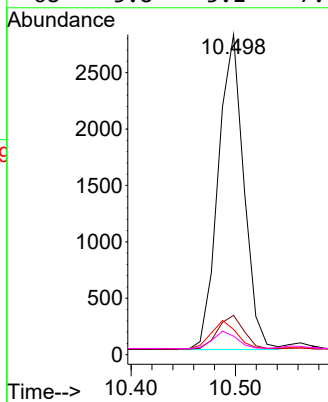
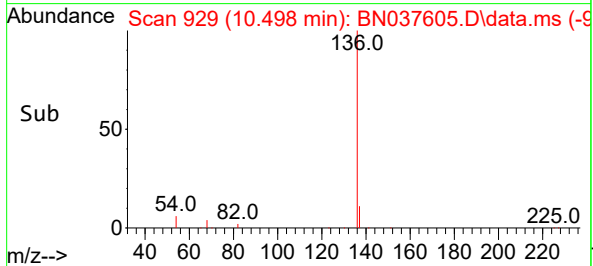
Instrument :
BNA_N
ClientSampleId :
MW-17B-55.5-08122025MS



Tgt Ion: 136 Resp: 476
Ion Ratio Lower Upper
136 100
137 12.3 9.5 14.3
54 7.9 7.3 10.9
68 5.8 5.1 7.7

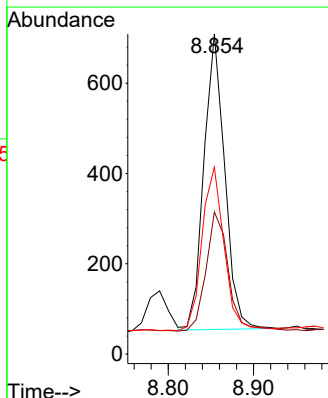
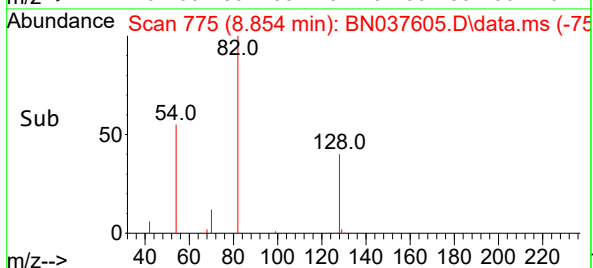
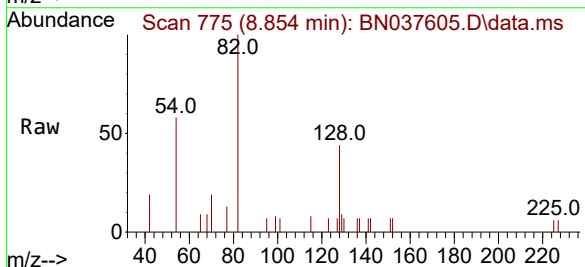
Manual Integrations
APPROVED

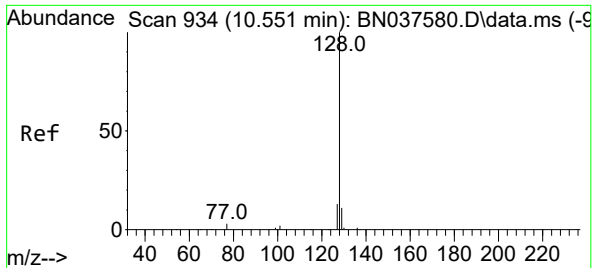
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#8
Nitrobenzene-d5
Concen: 0.331 ng
RT: 8.854 min Scan# 775
Delta R.T. 0.000 min
Lab File: BN037605.D
Acq: 19 Aug 2025 13:40

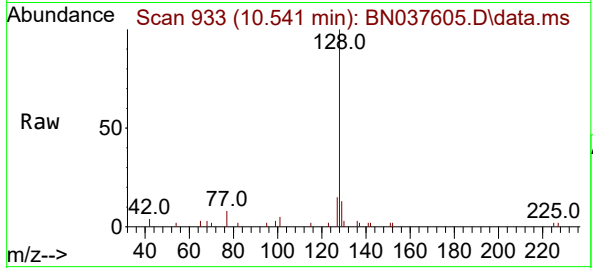
Tgt Ion: 82 Resp: 1111
Ion Ratio Lower Upper
82 100
128 44.4 32.6 48.8
54 58.4 48.9 73.3





#9
Naphthalene
Concen: 0.335 ng
RT: 10.541 min Scan# 91
Delta R.T. -0.010 min
Lab File: BN037605.D
Acq: 19 Aug 2025 13:40

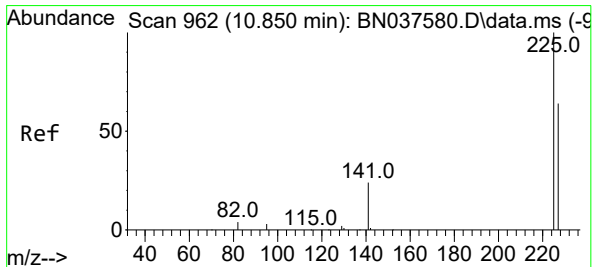
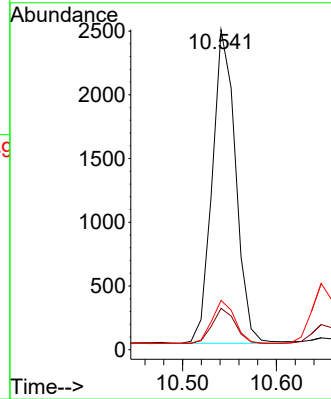
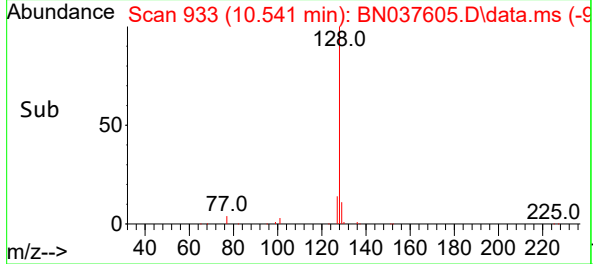
Instrument :
BNA_N
ClientSampleId :
MW-17B-55.5-08122025MS



Tgt Ion:128 Resp: 4254
Ion Ratio Lower Upper
128 100
129 12.9 9.8 14.6
127 15.4 11.5 17.3

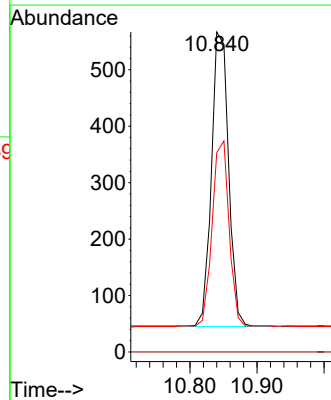
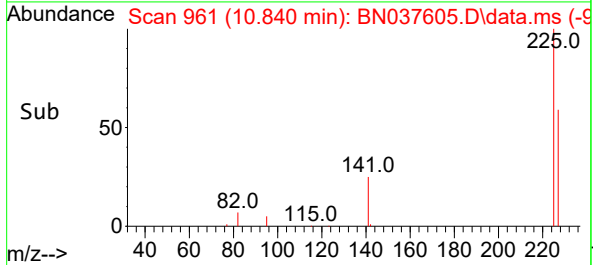
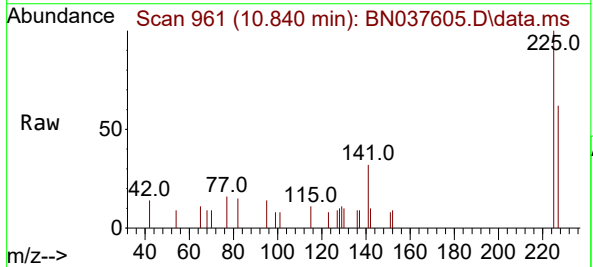
Manual Integrations
APPROVED

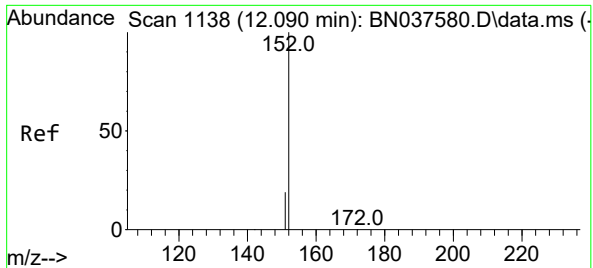
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#10
Hexachlorobutadiene
Concen: 0.298 ng
RT: 10.840 min Scan# 961
Delta R.T. -0.010 min
Lab File: BN037605.D
Acq: 19 Aug 2025 13:40

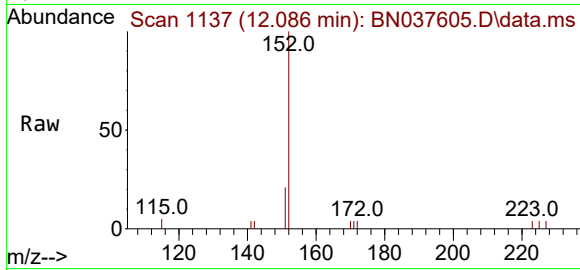
Tgt Ion:225 Resp: 924
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 62.3 50.8 76.2





#11
2-Methylnaphthalene-d10
Concen: 0.309 ng m
RT: 12.086 min Scan# 1137
Delta R.T. -0.005 min
Lab File: BN037605.D
Acq: 19 Aug 2025 13:40

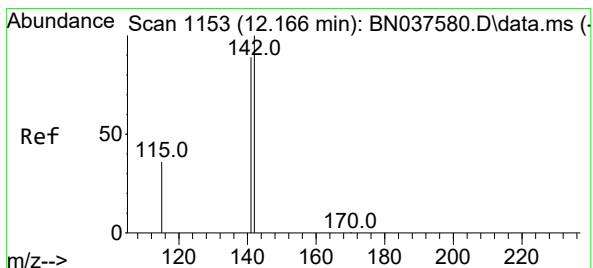
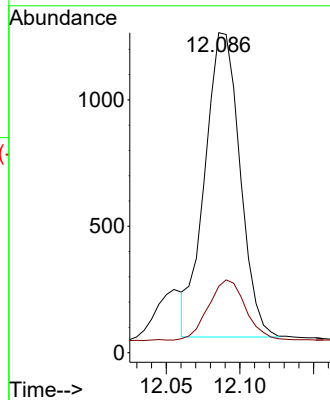
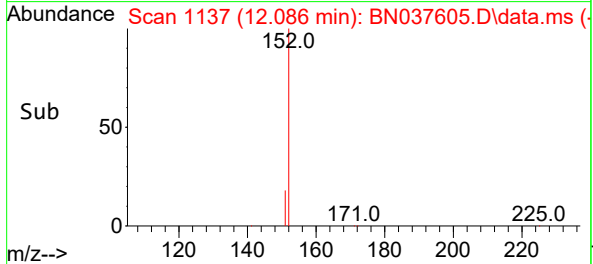
Instrument :
BNA_N
ClientSampleId :
MW-17B-55.5-08122025MS



Tgt Ion:152 Resp: 200
Ion Ratio Lower Upper
152 100
151 22.1 17.3 25.9

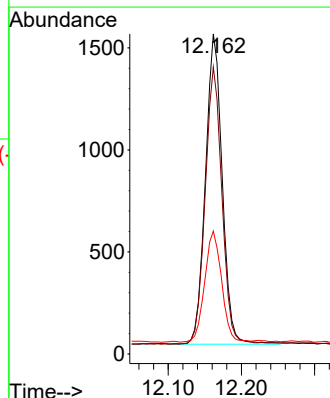
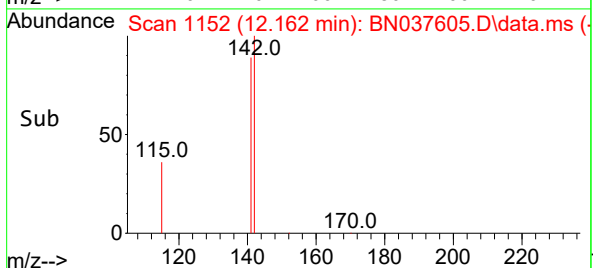
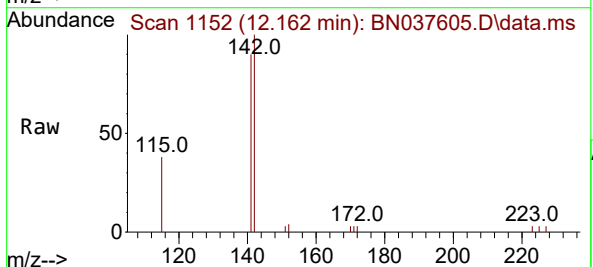
Manual Integrations
APPROVED

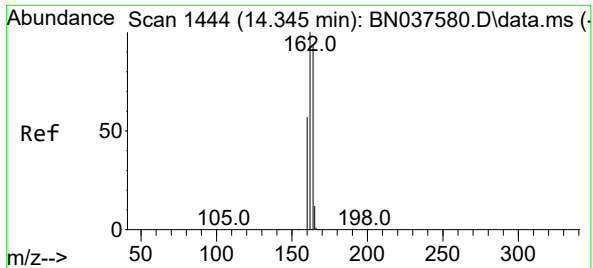
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#12
2-Methylnaphthalene
Concen: 0.304 ng
RT: 12.162 min Scan# 1152
Delta R.T. -0.005 min
Lab File: BN037605.D
Acq: 19 Aug 2025 13:40

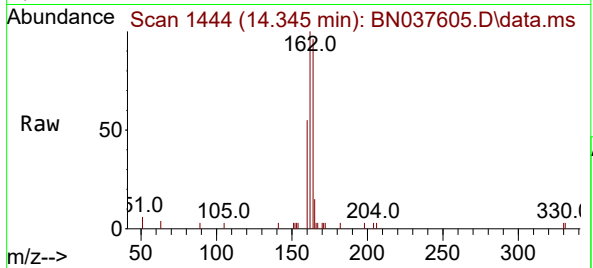
Tgt Ion:142 Resp: 2421
Ion Ratio Lower Upper
142 100
141 89.7 71.4 107.0
115 38.4 30.2 45.4





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.345 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BN037605.D
Acq: 19 Aug 2025 13:40

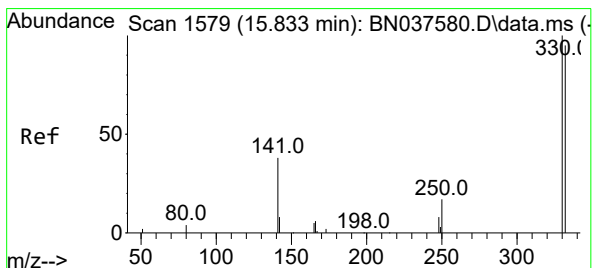
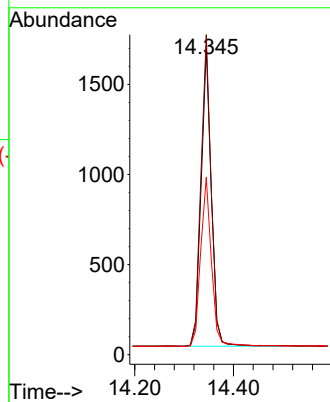
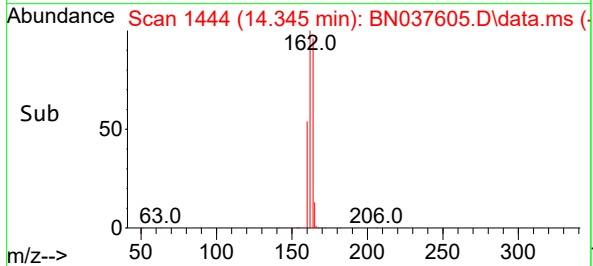
Instrument :
BNA_N
ClientSampleId :
MW-17B-55.5-08122025MS



Tgt Ion:164 Resp: 2380
Ion Ratio Lower Upper
164 100
162 103.9 85.5 128.3
160 57.6 49.5 74.3

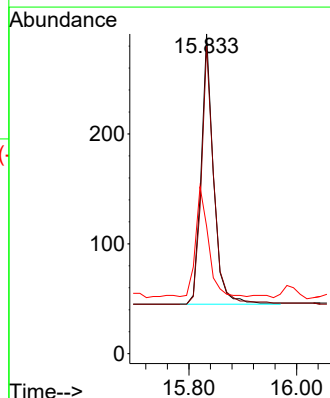
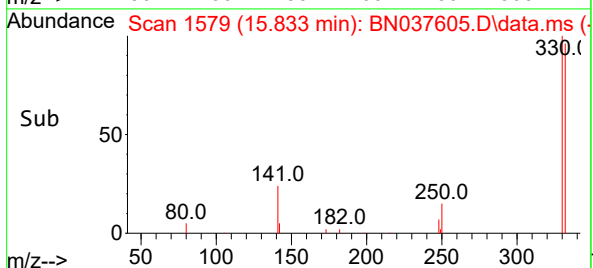
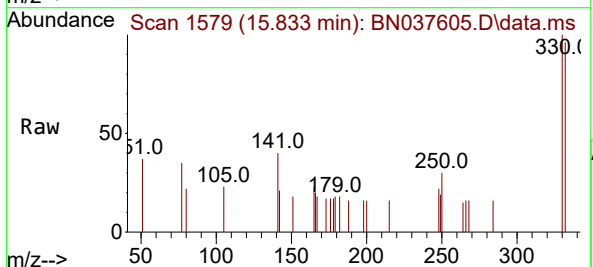
Manual Integrations
APPROVED

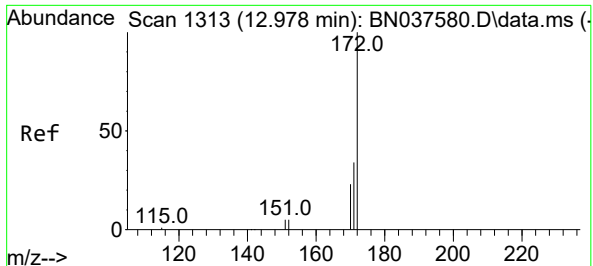
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#14
2,4,6-Tribromophenol
Concen: 0.376 ng
RT: 15.833 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BN037605.D
Acq: 19 Aug 2025 13:40

Tgt Ion:330 Resp: 392
Ion Ratio Lower Upper
330 100
332 96.9 77.4 116.0
141 43.4 30.9 46.3





#15

2-Fluorobiphenyl

Concen: 0.324 ng

RT: 12.973 min Scan# 1313

Delta R.T. -0.005 min

Lab File: BN037605.D

Acq: 19 Aug 2025 13:40

Instrument :

BNA_N

ClientSampleId :

MW-17B-55.5-08122025MS

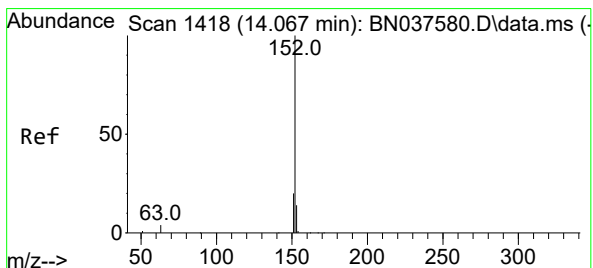
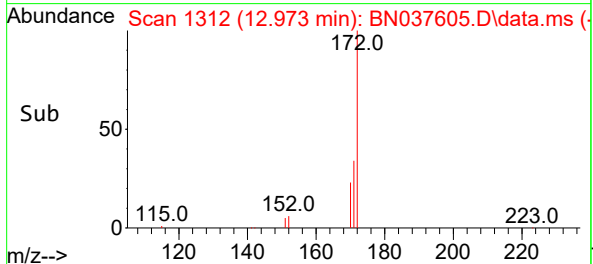
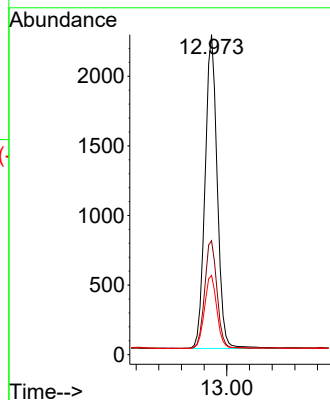
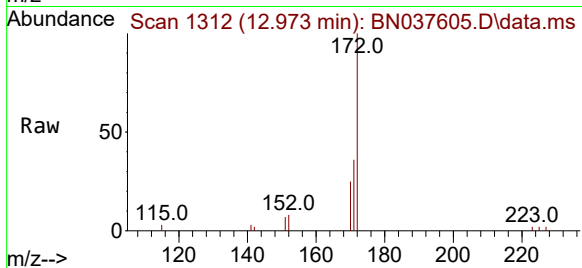
Tgt Ion:	172	Resp:	445
Ion Ratio	Lower	Upper	
172	100		
171	35.6	28.2	42.4
170	24.7	19.2	28.8

Manual Integrations

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Reviewed By :Rahul Chavli 08/20/2025

Supervised By :Jagrut Upadhyay 08/20/2025



#16

Acenaphthylene

Concen: 0.363 ng

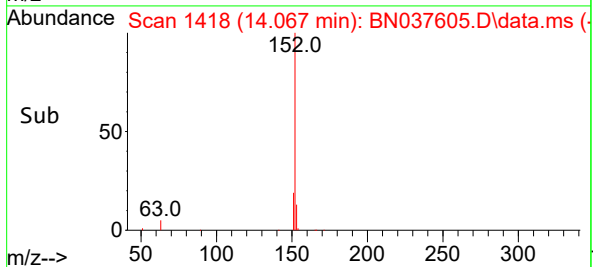
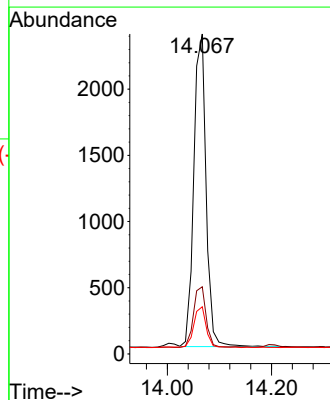
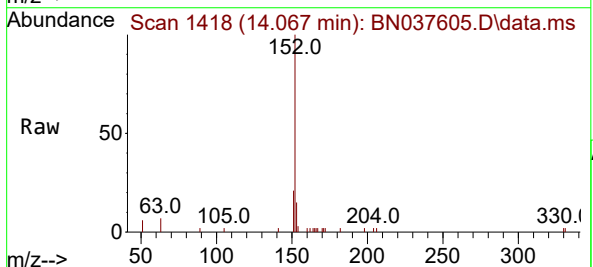
RT: 14.067 min Scan# 1418

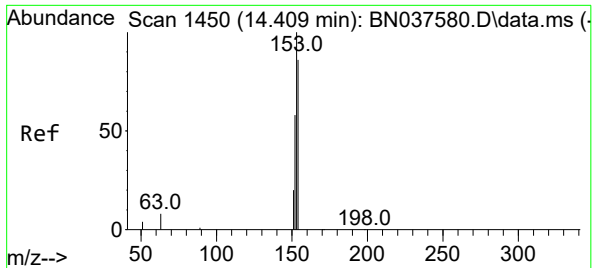
Delta R.T. 0.000 min

Lab File: BN037605.D

Acq: 19 Aug 2025 13:40

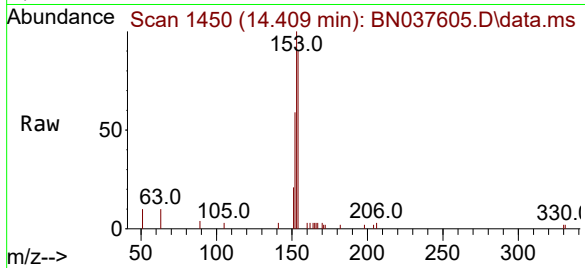
Tgt Ion:	152	Resp:	3870
Ion Ratio	Lower	Upper	
152	100		
151	20.2	16.1	24.1
153	13.5	10.7	16.1





#17
Acenaphthene
Concen: 0.341 ng
RT: 14.409 min Scan# 1450
Delta R.T. 0.000 min
Lab File: BN037605.D
Acq: 19 Aug 2025 13:40

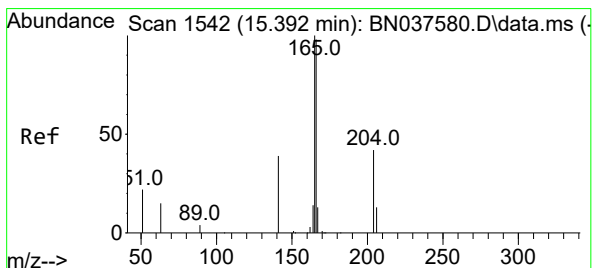
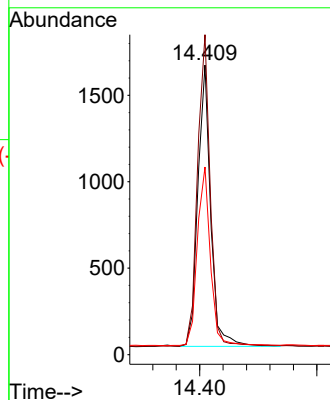
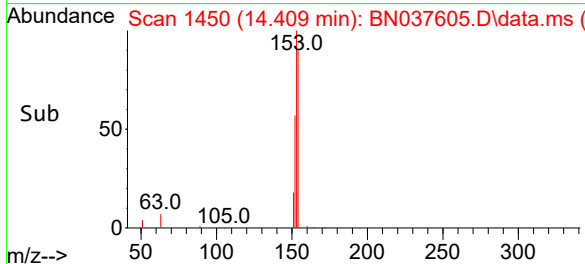
Instrument :
BNA_N
ClientSampleId :
MW-17B-55.5-08122025MS



Tgt Ion:154 Resp: 247
Ion Ratio Lower Upper
154 100
153 109.5 90.6 135.8
152 65.1 54.9 82.3

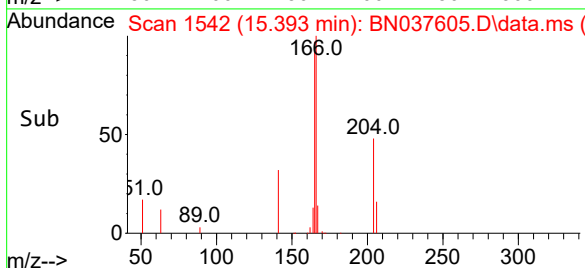
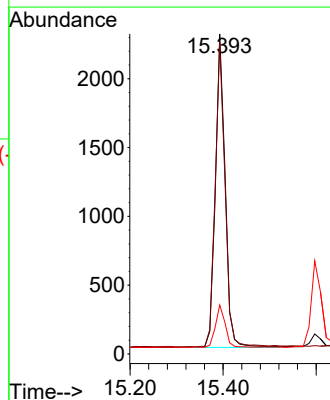
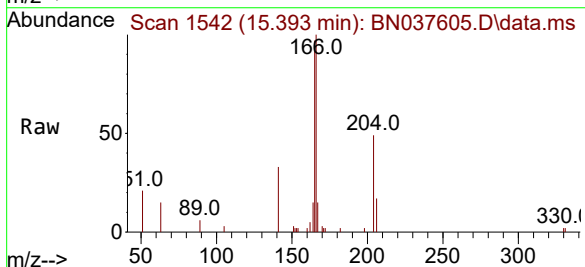
Manual Integrations
APPROVED

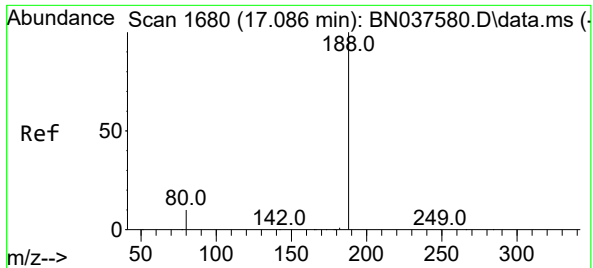
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#18
Fluorene
Concen: 0.352 ng
RT: 15.393 min Scan# 1542
Delta R.T. 0.000 min
Lab File: BN037605.D
Acq: 19 Aug 2025 13:40

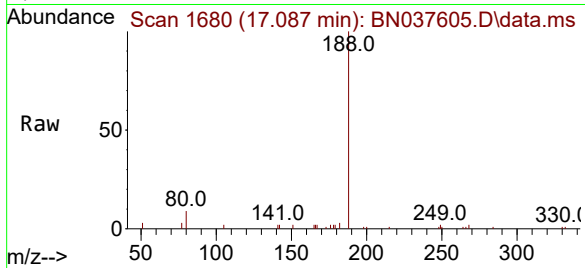
Tgt Ion:166 Resp: 3340
Ion Ratio Lower Upper
166 100
165 97.2 78.9 118.3
167 13.5 10.7 16.1





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.087 min Scan# 1680
Delta R.T. 0.000 min
Lab File: BN037605.D
Acq: 19 Aug 2025 13:40

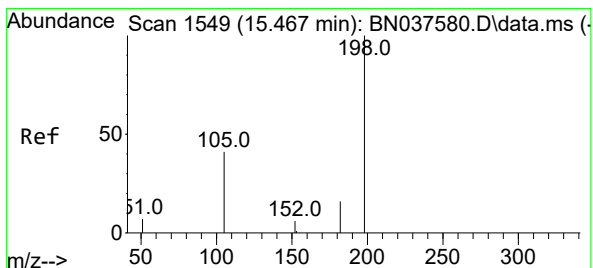
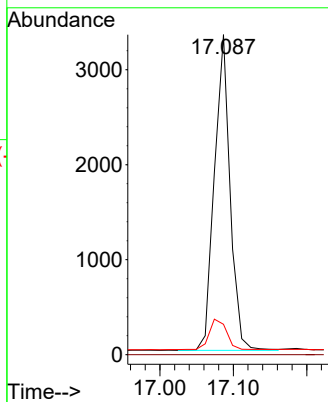
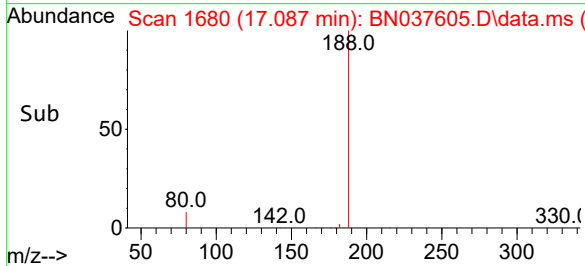
Instrument :
BNA_N
ClientSampleId :
MW-17B-55.5-08122025MS



Tgt Ion:188 Resp: 492
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.5 9.1 13.7

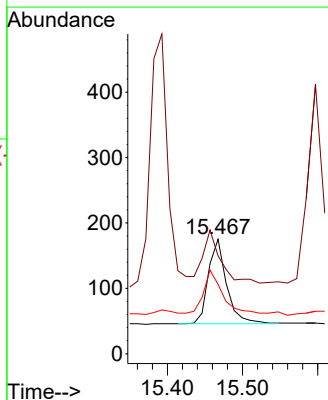
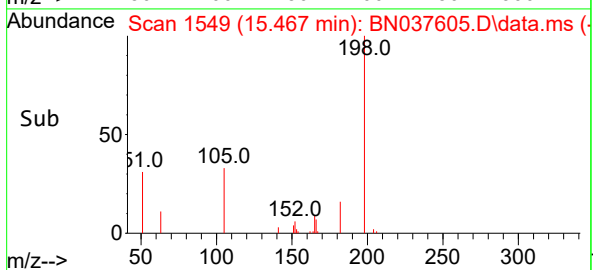
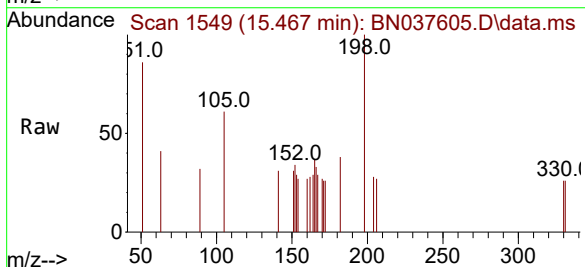
Manual Integrations
APPROVED

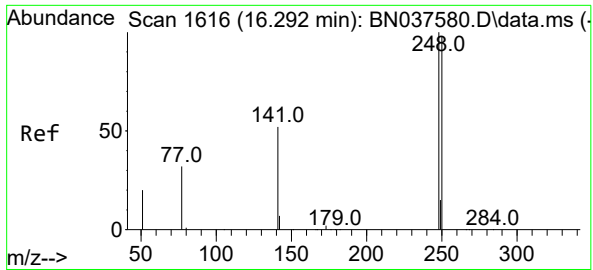
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#20
4,6-Dinitro-2-methylphenol
Concen: 0.434 ng
RT: 15.467 min Scan# 1549
Delta R.T. 0.000 min
Lab File: BN037605.D
Acq: 19 Aug 2025 13:40

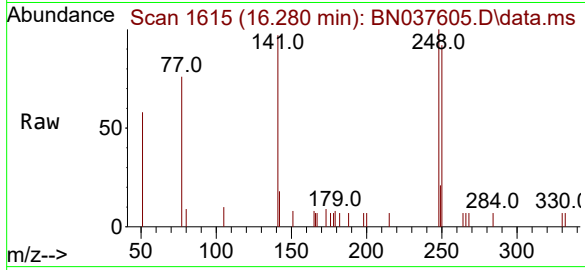
Tgt Ion:198 Resp: 226
Ion Ratio Lower Upper
198 100
51 85.7 81.0 121.6
105 60.6 52.5 78.7





#21
4-Bromophenyl-phenylether
Concen: 0.352 ng
RT: 16.280 min Scan# 1615
Delta R.T. -0.012 min
Lab File: BN037605.D
Acq: 19 Aug 2025 13:40

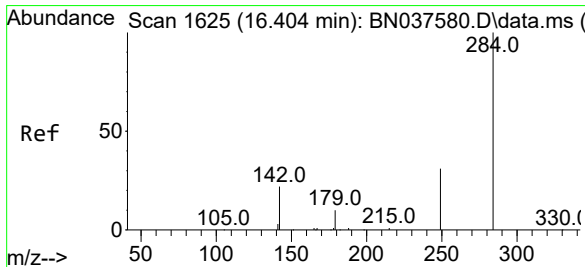
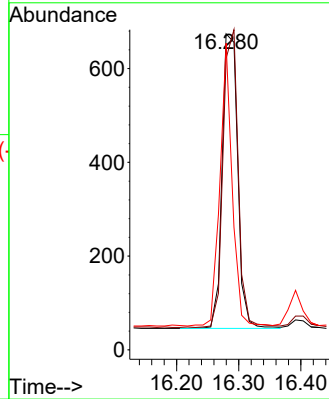
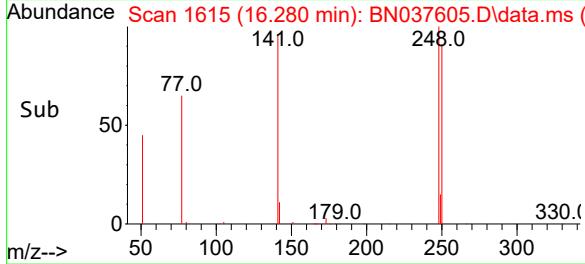
Instrument :
BNA_N
ClientSampleId :
MW-17B-55.5-08122025MS



Tgt Ion:248 Resp: 1089
Ion Ratio Lower Upper
248 100
250 92.3 78.6 118.0
141 97.0 43.7 65.5

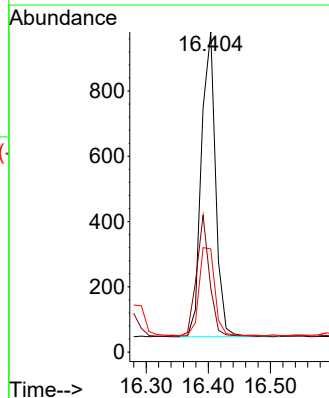
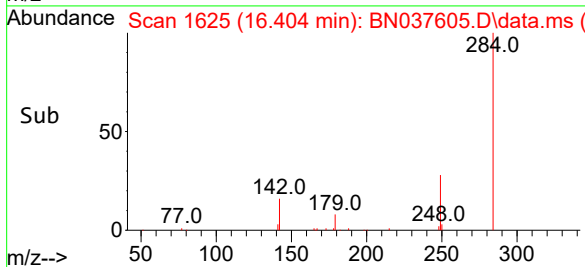
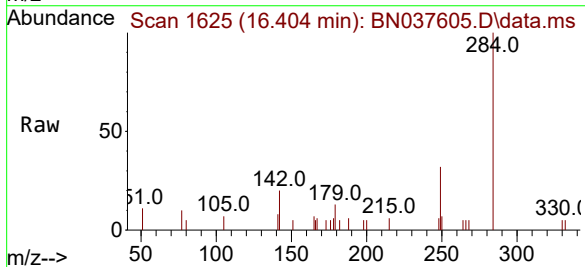
Manual Integrations
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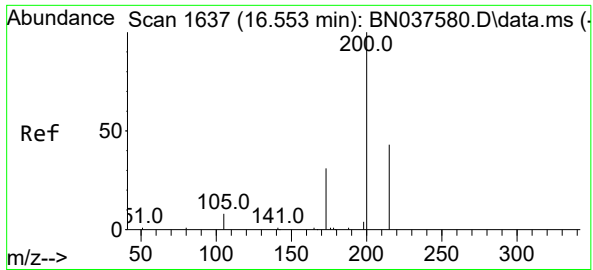
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#22
Hexachlorobenzene
Concen: 0.340 ng
RT: 16.404 min Scan# 1625
Delta R.T. -0.000 min
Lab File: BN037605.D
Acq: 19 Aug 2025 13:40

Tgt Ion:284 Resp: 1490
Ion Ratio Lower Upper
284 100
142 37.3 29.8 44.6
249 32.0 26.0 39.0





#23

Atrazine

Concen: 0.456 ng

RT: 16.553 min Scan# 1637

Delta R.T. -0.000 min

Lab File: BN037605.D

Acq: 19 Aug 2025 13:40

Instrument :

BNA_N

ClientSampleId :

MW-17B-55.5-08122025MS

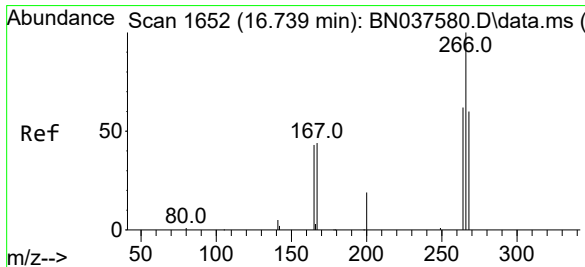
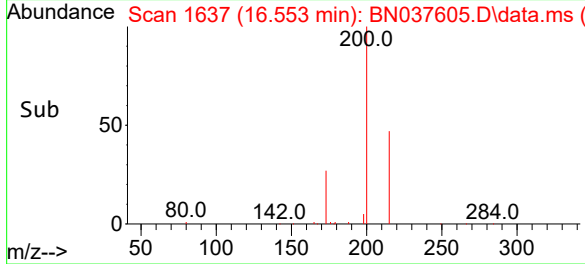
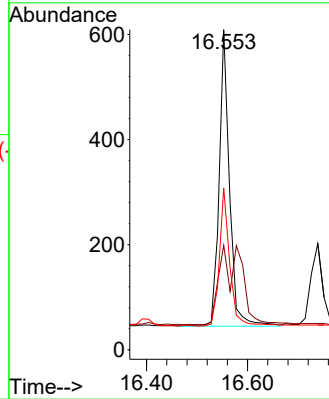
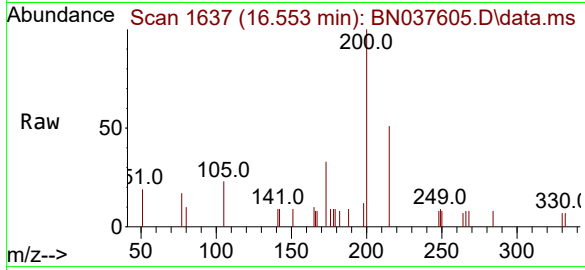
Tgt Ion:	200	Resp:	79
Ion Ratio	Lower	Upper	
200	100		
173	32.7	31.0	46.4
215	50.6	39.4	59.0

Manual Integrations

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Supervised By :Jagrut Upadhyay 08/20/2025



#24

Pentachlorophenol

Concen: 0.857 ng

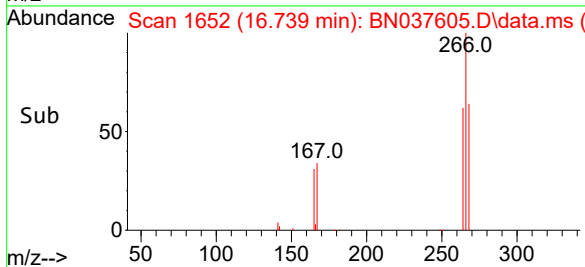
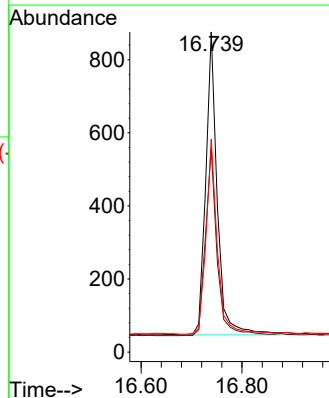
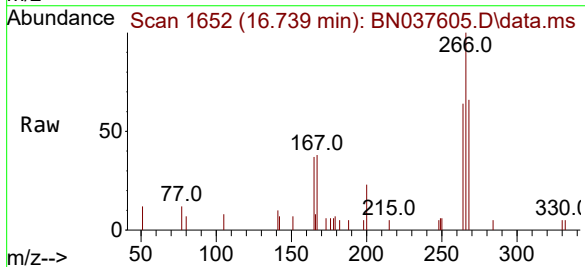
RT: 16.739 min Scan# 1652

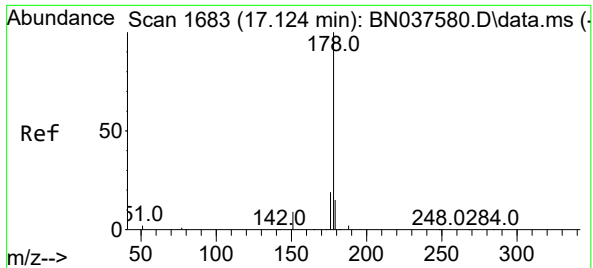
Delta R.T. 0.000 min

Lab File: BN037605.D

Acq: 19 Aug 2025 13:40

Tgt Ion:	266	Resp:	1320
Ion Ratio	Lower	Upper	
266	100		
264	62.0	49.6	74.4
268	63.6	49.2	73.8





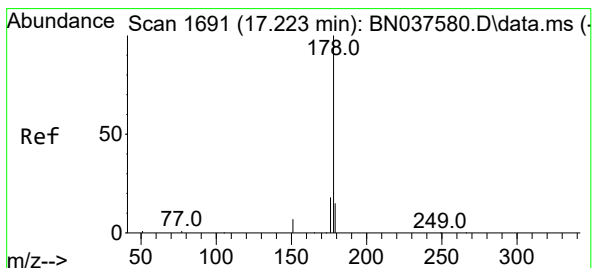
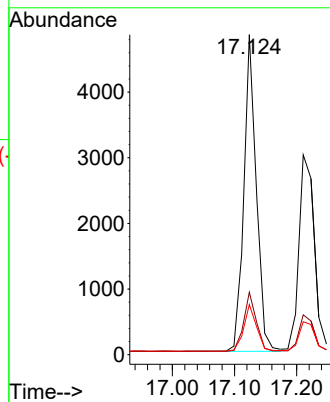
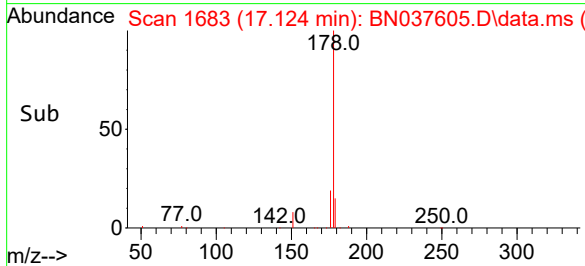
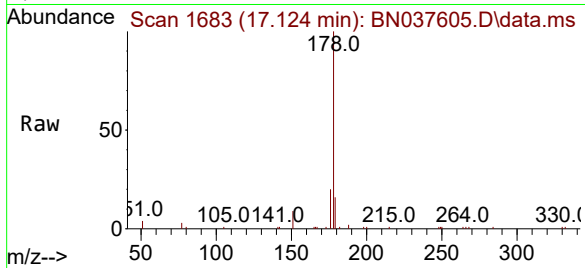
#25
Phenanthrene
Concen: 0.449 ng
RT: 17.124 min Scan# 1683
Delta R.T. 0.000 min
Lab File: BN037605.D
Acq: 19 Aug 2025 13:40

Instrument :
BNA_N
ClientSampleId :
MW-17B-55.5-08122025MS

Tgt Ion:178 Resp: 6725
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.6
179 15.1 12.3 18.5

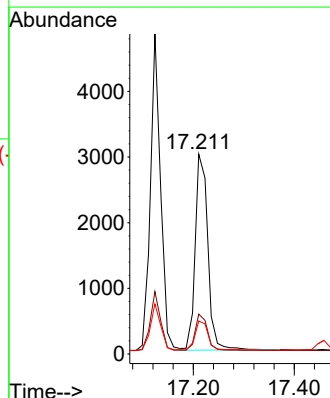
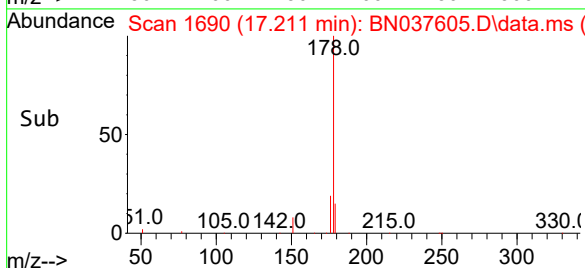
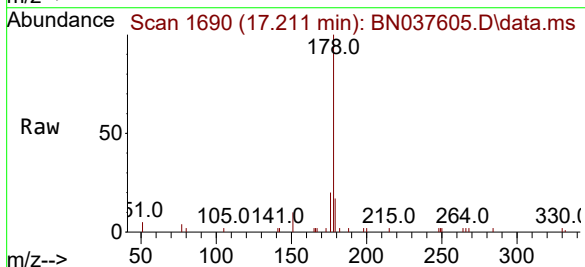
Manual Integrations
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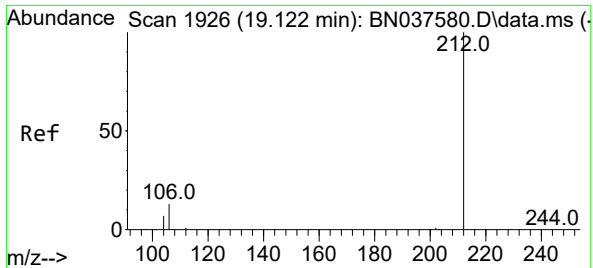
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#26
Anthracene
Concen: 0.393 ng
RT: 17.211 min Scan# 1690
Delta R.T. -0.012 min
Lab File: BN037605.D
Acq: 19 Aug 2025 13:40

Tgt Ion:178 Resp: 5205
Ion Ratio Lower Upper
178 100
176 18.4 14.7 22.1
179 15.5 12.3 18.5





#27

Fluoranthene-d10

Concen: 0.376 ng

RT: 19.118 min Scan# 1925

Delta R.T. -0.004 min

Lab File: BN037605.D

Acq: 19 Aug 2025 13:40

Instrument :

BNA_N

ClientSampleId :

MW-17B-55.5-08122025MS

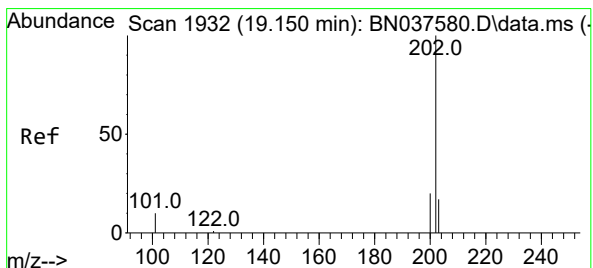
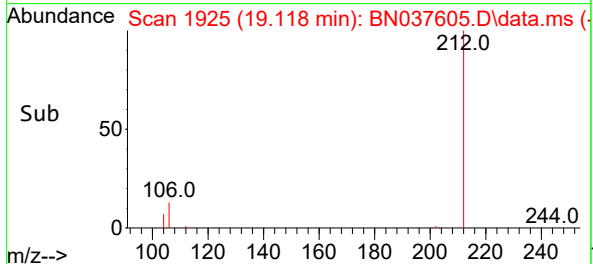
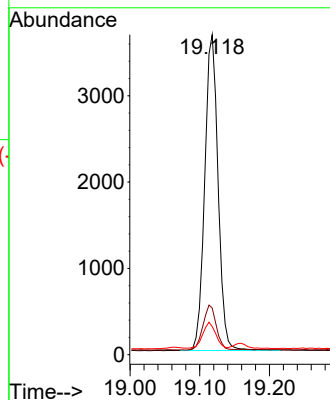
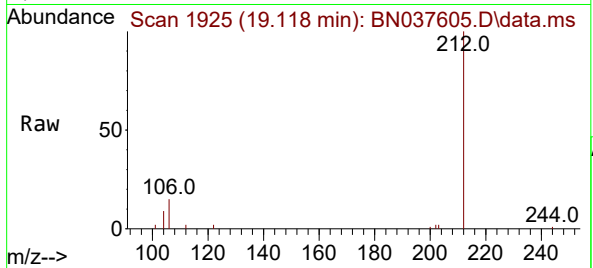
Tgt Ion:	212	Resp:	4870
Ion	Ratio	Lower	Upper
212	100		
106	14.4	11.5	17.3
104	8.1	6.6	9.8

Manual Integrations

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Reviewed By :Rahul Chavli 08/20/2025

Supervised By :Jagrut Upadhyay 08/20/2025



#28

Fluoranthene

Concen: 0.420 ng

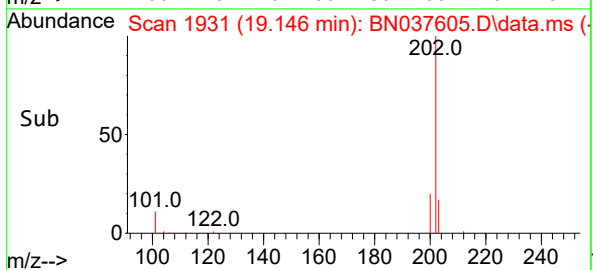
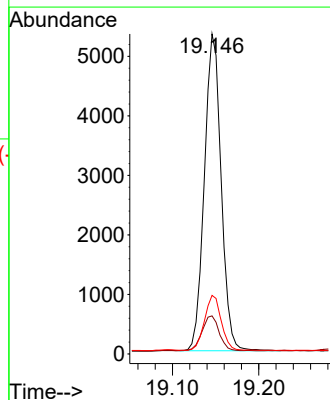
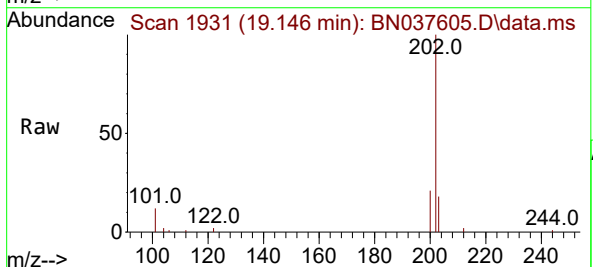
RT: 19.146 min Scan# 1931

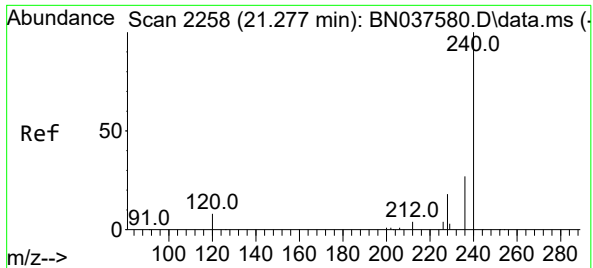
Delta R.T. -0.004 min

Lab File: BN037605.D

Acq: 19 Aug 2025 13:40

Tgt Ion:	202	Resp:	7212
Ion	Ratio	Lower	Upper
202	100		
101	11.4	9.0	13.6
203	17.2	13.8	20.8





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.268 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN037605.D

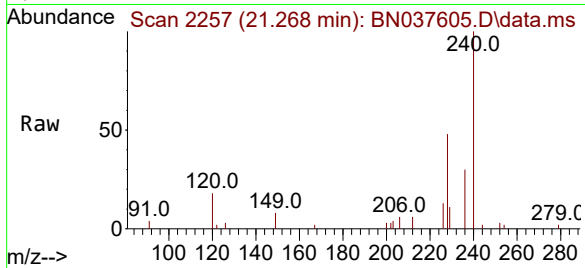
Acq: 19 Aug 2025 13:40

Instrument :

BNA_N

ClientSampleId :

MW-17B-55.5-08122025MS



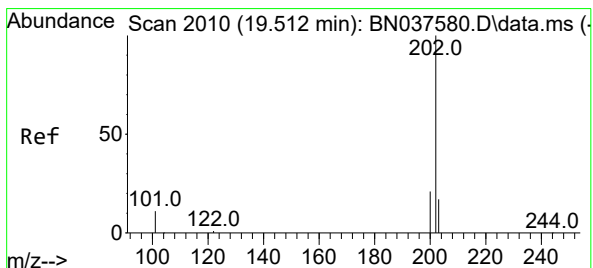
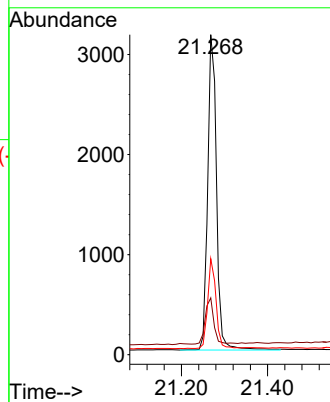
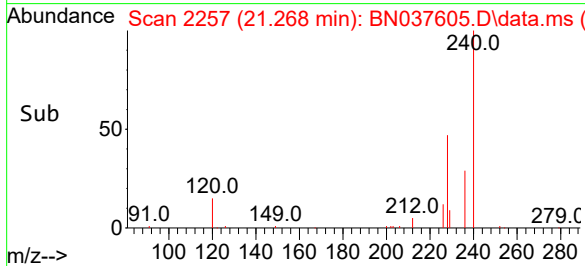
Tgt Ion:	240	Resp:	450
Ion Ratio	Lower	Upper	
240	100		
120	17.8	8.9	13.3
236	30.0	22.6	33.8

Manual Integrations

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Reviewed By :Rahul Chavli 08/20/2025

Supervised By :Jagrut Upadhyay 08/20/2025



#30

Pyrene

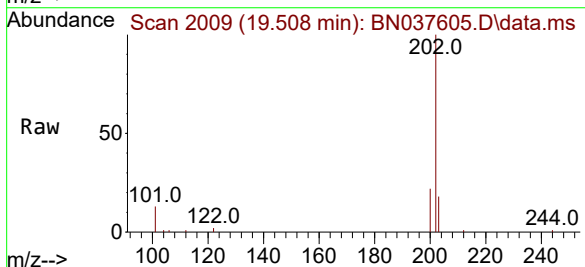
Concen: 0.415 ng

RT: 19.508 min Scan# 2009

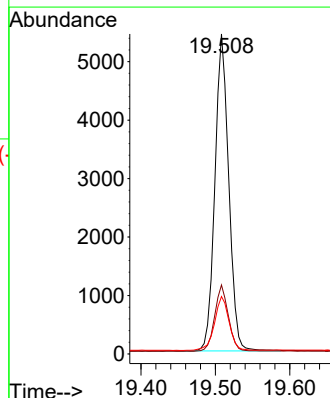
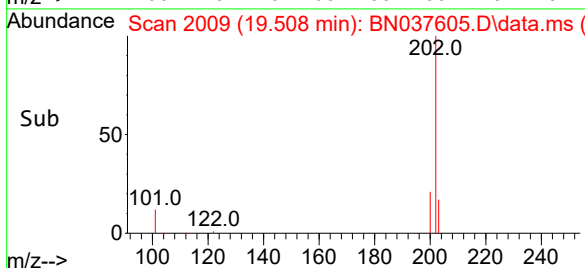
Delta R.T. -0.004 min

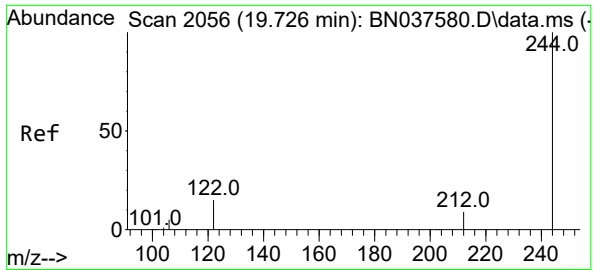
Lab File: BN037605.D

Acq: 19 Aug 2025 13:40



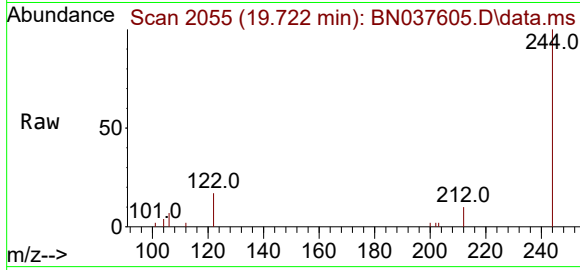
Tgt Ion:	202	Resp:	6994
Ion Ratio	Lower	Upper	
202	100		
200	20.6	16.6	25.0
203	17.9	14.3	21.5





#31
Terphenyl-d14
Concen: 0.468 ng
RT: 19.722 min Scan# 2056
Delta R.T. -0.004 min
Lab File: BN037605.D
Acq: 19 Aug 2025 13:40

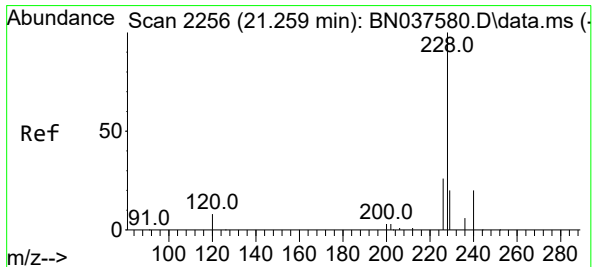
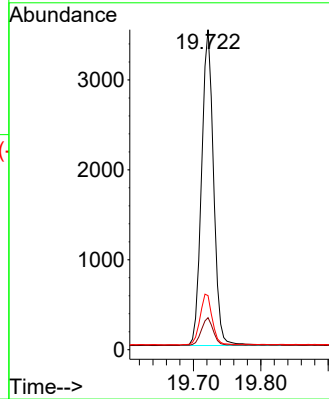
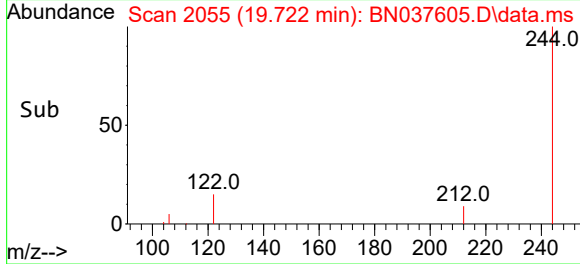
Instrument : BNA_N
ClientSampleId : MW-17B-55.5-08122025MS



Tgt Ion:244 Resp: 4344
Ion Ratio Lower Upper
244 100
212 10.0 8.2 12.2
122 16.9 13.2 19.8

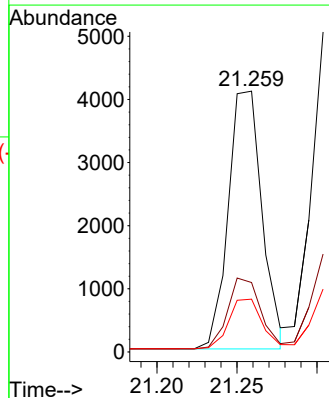
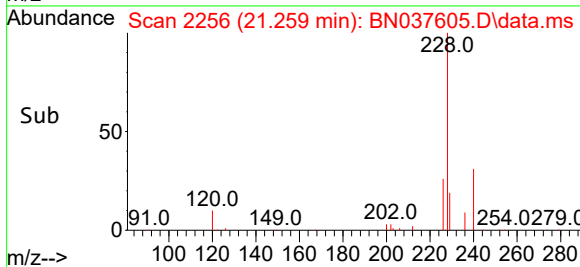
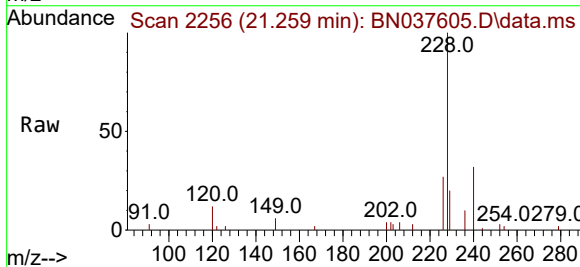
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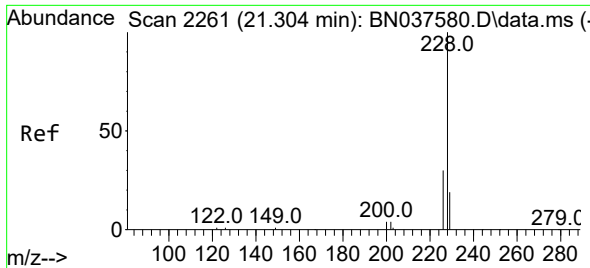
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#32
Benzo(a)anthracene
Concen: 0.400 ng
RT: 21.259 min Scan# 2256
Delta R.T. 0.000 min
Lab File: BN037605.D
Acq: 19 Aug 2025 13:40

Tgt Ion:228 Resp: 6028
Ion Ratio Lower Upper
228 100
226 26.6 21.5 32.3
229 20.2 16.5 24.7





#33

Chrysene

Concen: 0.399 ng

RT: 21.304 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN037605.D

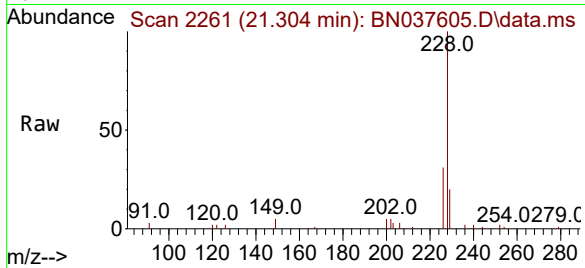
Acq: 19 Aug 2025 13:40

Instrument :

BNA_N

ClientSampleId :

MW-17B-55.5-08122025MS



Tgt Ion:228 Resp: 6700

Ion Ratio Lower Upper

228 100

226 30.6 24.9 37.3

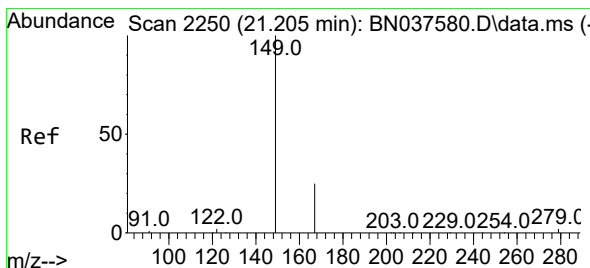
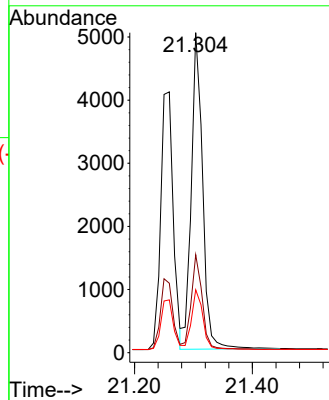
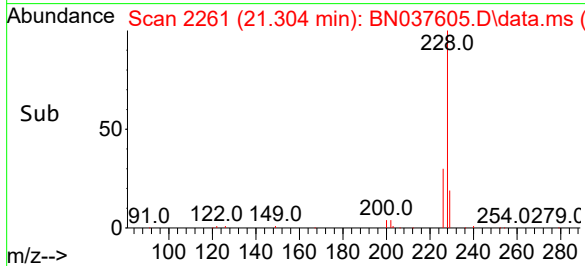
229 19.7 15.8 23.8

Manual Integrations

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Reviewed By :Rahul Chavli 08/20/2025

Supervised By :Jagrut Upadhyay 08/20/2025



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.550 ng

RT: 21.205 min Scan# 2250

Delta R.T. 0.000 min

Lab File: BN037605.D

Acq: 19 Aug 2025 13:40

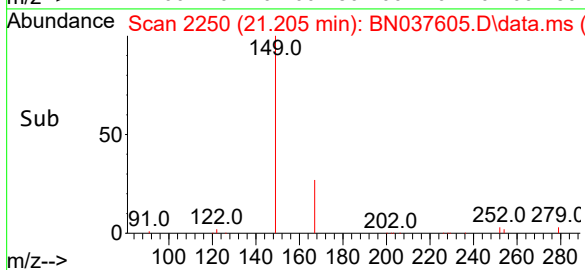
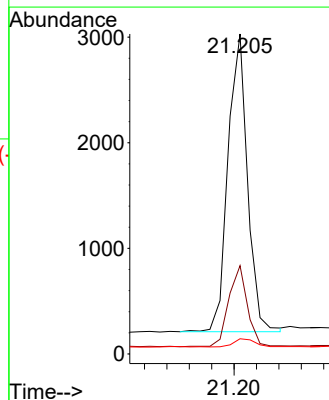
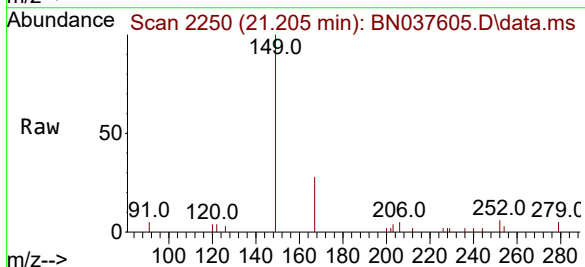
Tgt Ion:149 Resp: 3417

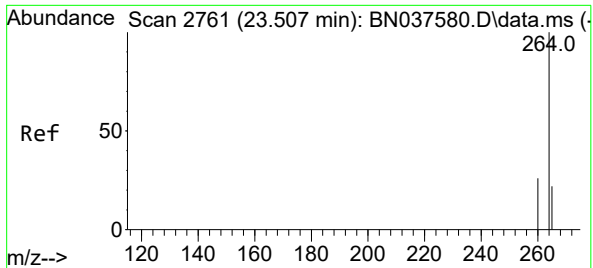
Ion Ratio Lower Upper

149 100

167 26.4 20.5 30.7

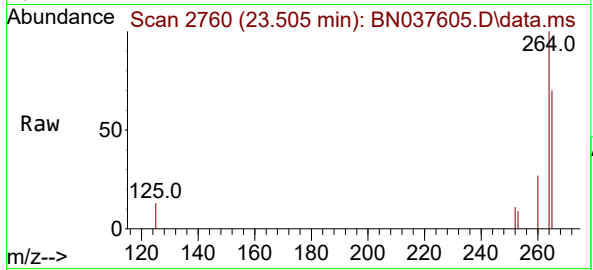
279 3.0 2.6 4.0





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.505 min Scan# 21
Delta R.T. -0.003 min
Lab File: BN037605.D
Acq: 19 Aug 2025 13:40

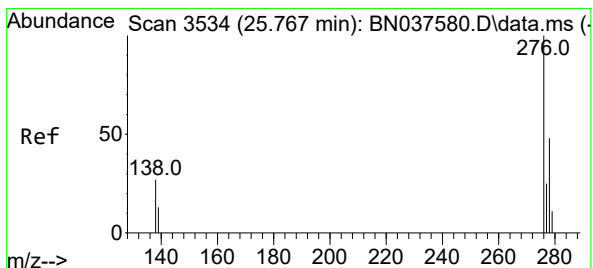
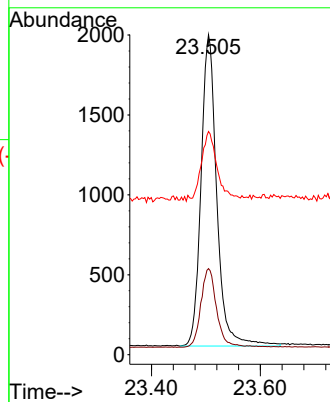
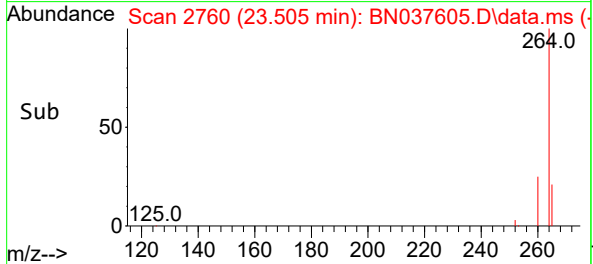
Instrument :
BNA_N
ClientSampleId :
MW-17B-55.5-08122025MS



Tgt Ion:264 Resp: 3909
Ion Ratio Lower Upper
264 100
260 26.9 21.6 32.4
265 69.7 48.2 72.4

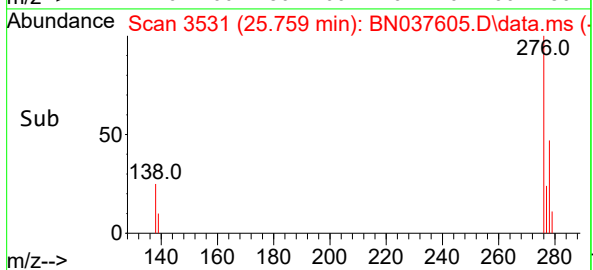
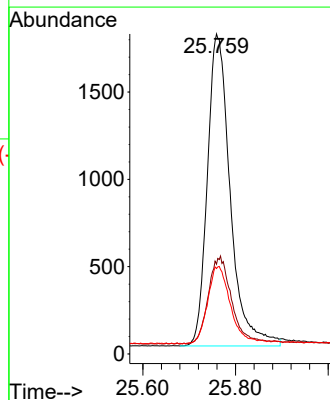
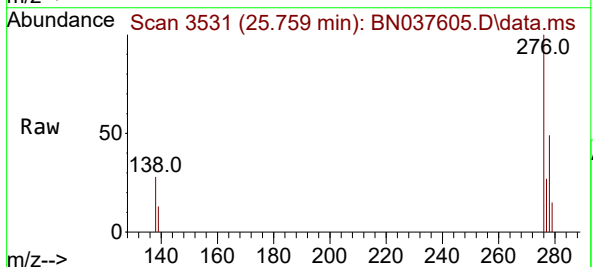
Manual Integrations
APPROVED

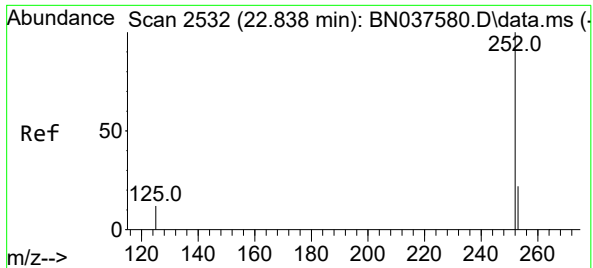
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.372 ng
RT: 25.759 min Scan# 3531
Delta R.T. -0.008 min
Lab File: BN037605.D
Acq: 19 Aug 2025 13:40

Tgt Ion:276 Resp: 6122
Ion Ratio Lower Upper
276 100
138 28.7 23.3 34.9
277 24.6 19.5 29.3





#37

Benzo(b)fluoranthene

Concen: 0.411 ng

RT: 22.832 min Scan# 21

Delta R.T. -0.006 min

Lab File: BN037605.D

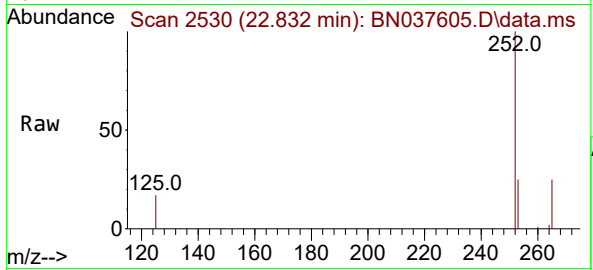
Acq: 19 Aug 2025 13:40

Instrument :

BNA_N

ClientSampleId :

MW-17B-55.5-08122025MS



Tgt Ion:252 Resp: 6094

Ion Ratio Lower Upper

252 100

253 24.8 20.0 30.0

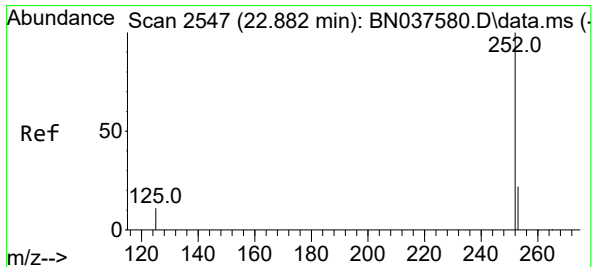
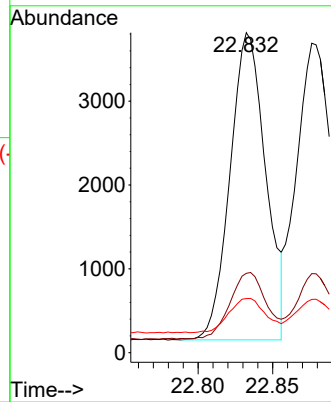
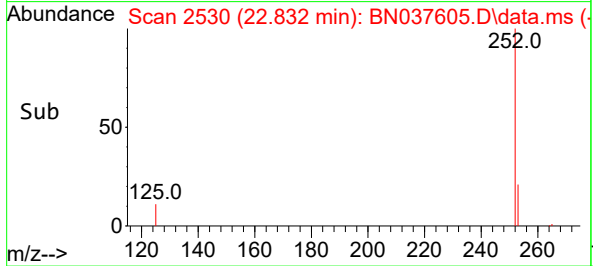
125 16.9 13.8 20.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/20/2025

Supervised By :Jagrut Upadhyay 08/20/2025



#38

Benzo(k)fluoranthene

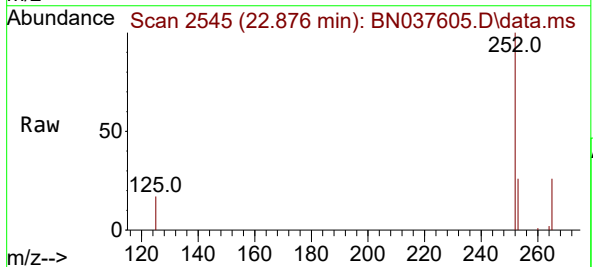
Concen: 0.374 ng

RT: 22.876 min Scan# 2545

Delta R.T. -0.006 min

Lab File: BN037605.D

Acq: 19 Aug 2025 13:40



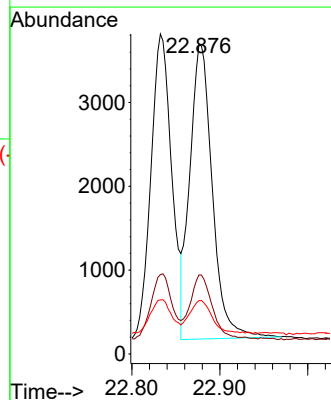
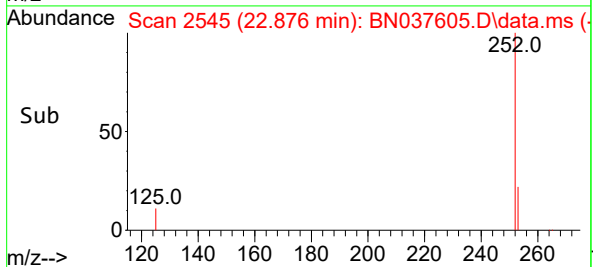
Tgt Ion:252 Resp: 6247

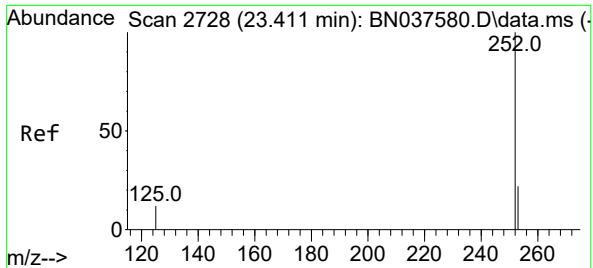
Ion Ratio Lower Upper

252 100

253 25.5 19.9 29.9

125 17.2 15.0 22.6





#39

Benzo(a)pyrene

Concen: 0.411 ng

RT: 23.405 min Scan# 21

Delta R.T. -0.006 min

Lab File: BN037605.D

Acq: 19 Aug 2025 13:40

Instrument :

BNA_N

ClientSampleId :

MW-17B-55.5-08122025MS

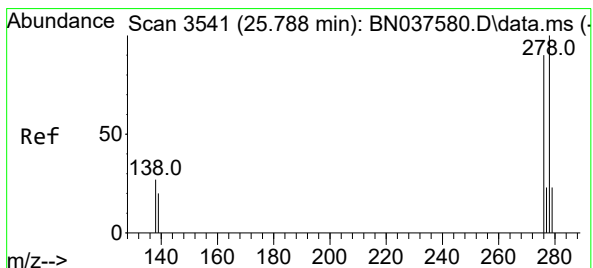
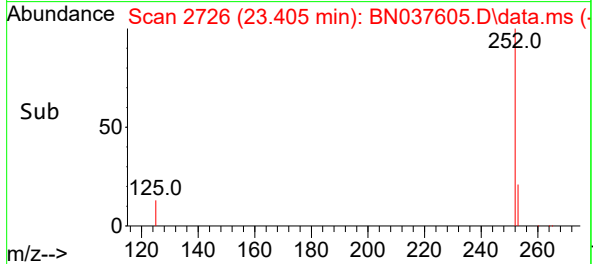
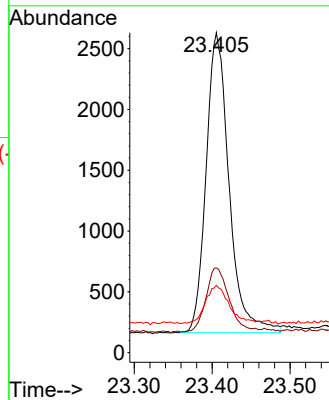
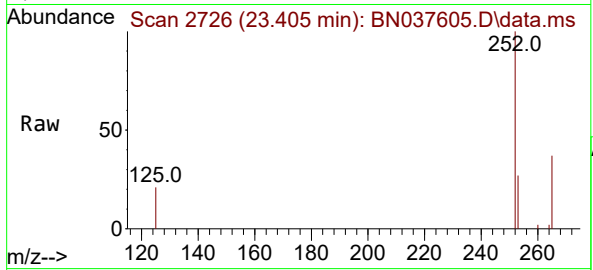
Tgt Ion:	252	Resp:	5054
Ion Ratio	Lower	Upper	
252	100		
253	26.5	21.6	32.4
125	21.0	16.8	25.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/20/2025

Supervised By :Jagrut Upadhyay 08/20/2025



#40

Dibenzo(a,h)anthracene

Concen: 0.368 ng

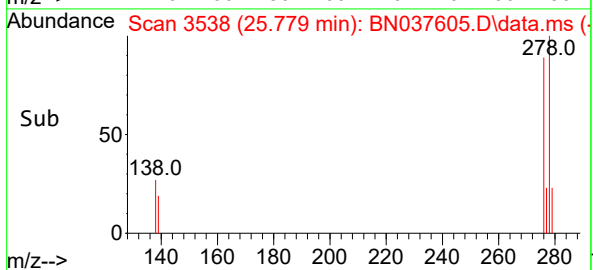
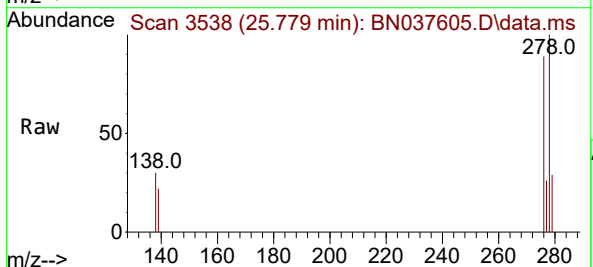
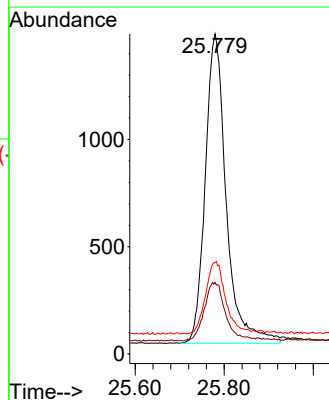
RT: 25.779 min Scan# 3538

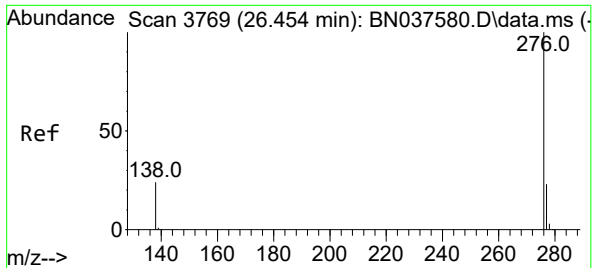
Delta R.T. -0.009 min

Lab File: BN037605.D

Acq: 19 Aug 2025 13:40

Tgt Ion:	278	Resp:	4709
Ion Ratio	Lower	Upper	
278	100		
139	22.3	18.3	27.5
279	28.6	22.5	33.7





#41

Benzo(g,h,i)perylene

Concen: 0.391 ng

RT: 26.449 min Scan# 31

Delta R.T. -0.006 min

Lab File: BN037605.D

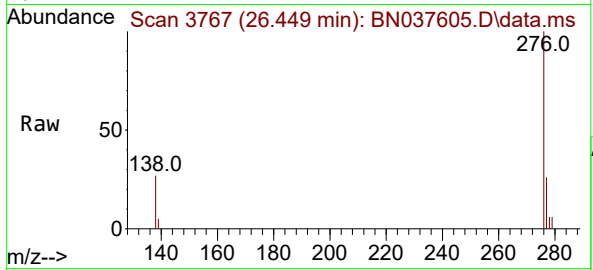
Acq: 19 Aug 2025 13:40

Instrument :

BNA_N

ClientSampleId :

MW-17B-55.5-08122025MS



Tgt Ion:276 Resp: 5269

Ion Ratio Lower Upper

276 100

277 26.2 21.0 31.4

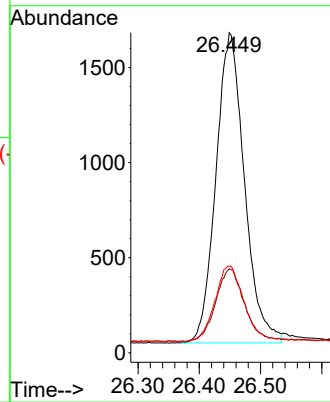
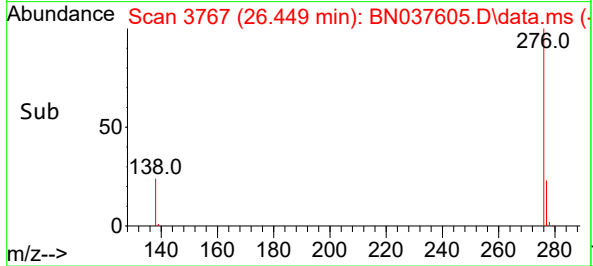
138 27.0 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/20/2025

Supervised By :Jagrut Upadhyay 08/20/2025



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081925\
 Data File : BN037606.D
 Acq On : 19 Aug 2025 14:17
 Operator : RC/JU
 Sample : Q2842-05MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-17B-55.5-08122025MSD

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 08/20/2025
 Supervised By :Jagrut Upadhyay 08/20/2025

Quant Time: Aug 20 01:26:12 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 13 05:00:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	2022	0.400	ng	0.00
7) Naphthalene-d8	10.498	136	4839	0.400	ng	0.00
13) Acenaphthene-d10	14.344	164	2406	0.400	ng	0.00
19) Phenanthrene-d10	17.086	188	5009	0.400	ng	0.00
29) Chrysene-d12	21.267	240	4561	0.400	ng	# 0.00
35) Perylene-d12	23.504	264	3935	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.304	112	713	0.156	ng	0.00
5) Phenol-d6	6.879	99	499	0.090	ng	0.00
8) Nitrobenzene-d5	8.853	82	1080	0.317	ng	0.00
11) 2-Methylnaphthalene-d10	12.090	152	1993m	0.303	ng	0.00
14) 2,4,6-Tribromophenol	15.832	330	401	0.381	ng	0.00
15) 2-Fluorobiphenyl	12.973	172	4509	0.324	ng	0.00
27) Fluoranthene-d10	19.117	212	4894	0.371	ng	0.00
31) Terphenyl-d14	19.721	244	4395	0.468	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.239	88	5537	2.862	ng	# 92
3) n-Nitrosodimethylamine	3.535	42	412	0.167	ng	# 94
6) bis(2-Chloroethyl)ether	7.139	93	1634	0.329	ng	97
9) Naphthalene	10.540	128	4289	0.333	ng	98
10) Hexachlorobutadiene	10.850	225	911	0.289	ng	# 99
12) 2-Methylnaphthalene	12.161	142	2410	0.298	ng	100
16) Acenaphthylene	14.066	152	3852	0.357	ng	100
17) Acenaphthene	14.408	154	2466	0.336	ng	98
18) Fluorene	15.392	166	3360	0.350	ng	99
20) 4,6-Dinitro-2-methylph...	15.467	198	237	0.441	ng	90
21) 4-Bromophenyl-phenylether	16.292	248	1112	0.353	ng	# 90
22) Hexachlorobenzene	16.403	284	1477	0.331	ng	98
23) Atrazine	16.552	200	799	0.449	ng	96
24) Pentachlorophenol	16.738	266	1294	0.826	ng	97
25) Phenanthrene	17.123	178	6750	0.443	ng	100
26) Anthracene	17.210	178	5136	0.381	ng	99
28) Fluoranthene	19.145	202	7312	0.418	ng	100
30) Pyrene	19.508	202	7072	0.415	ng	99
32) Benzo(a)anthracene	21.250	228	6132	0.402	ng	98
33) Chrysene	21.303	228	6692	0.394	ng	99
34) Bis(2-ethylhexyl)phtha...	21.205	149	3509	0.558	ng	99
36) Indeno(1,2,3-cd)pyrene	25.761	276	6228	0.376	ng	98
37) Benzo(b)fluoranthene	22.832	252	6261	0.420	ng	100
38) Benzo(k)fluoranthene	22.876	252	6279	0.373	ng	98
39) Benzo(a)pyrene	23.405	252	5127	0.415	ng	99
40) Dibenzo(a,h)anthracene	25.776	278	4745	0.369	ng	99
41) Benzo(g,h,i)perylene	26.445	276	5431	0.401	ng	99

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

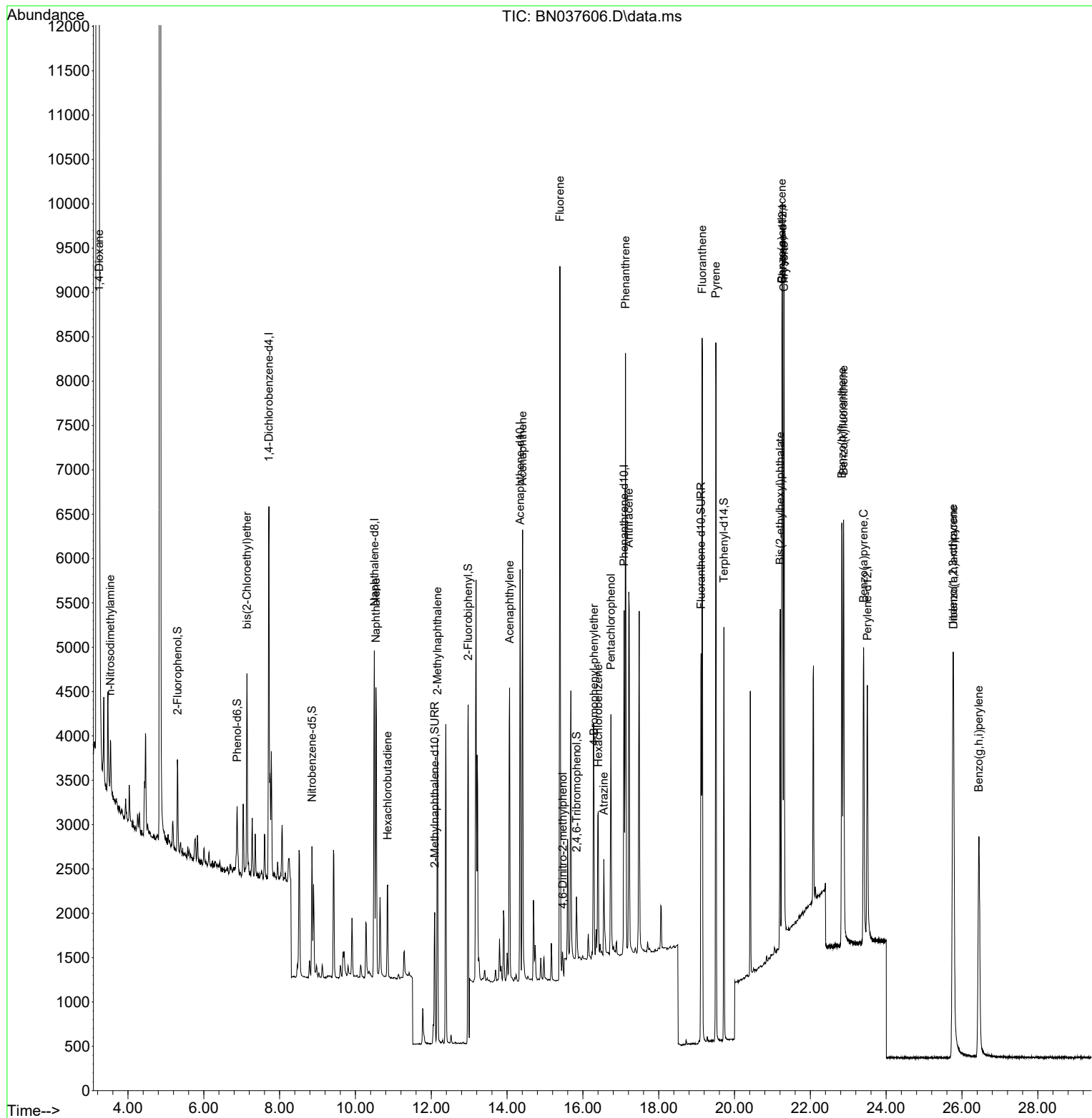
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081925\
 Data File : BN037606.D
 Acq On : 19 Aug 2025 14:17
 Operator : RC/JU
 Sample : Q2842-05MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

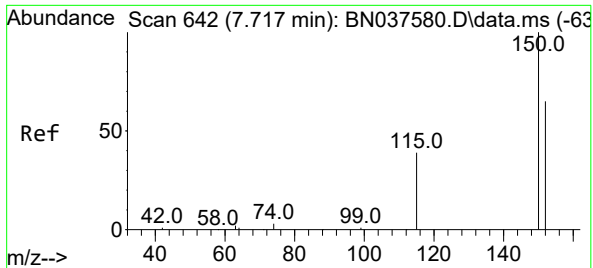
Instrument :
 BNA_N
 ClientSampleId :
 MW-17B-55.5-08122025MSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/20/2025
 Supervised By :Jagrut Upadhyay 08/20/2025

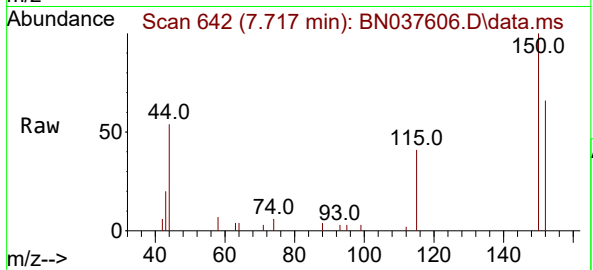
Quant Time: Aug 20 01:26:12 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 13 05:00:58 2025
 Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.717 min Scan# 642
Delta R.T. -0.000 min
Lab File: BN037606.D
Acq: 19 Aug 2025 14:17

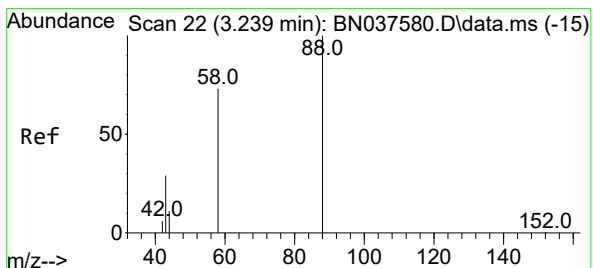
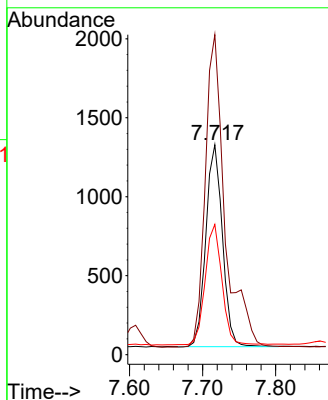
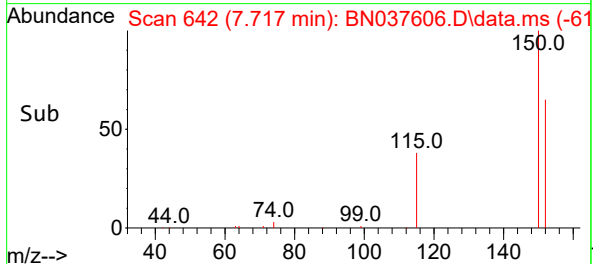
Instrument : BNA_N
ClientSampleId : MW-17B-55.5-08122025MSD



Tgt Ion: 152 Resp: 2022
Ion Ratio Lower Upper
152 100
150 152.4 122.2 183.4
115 62.0 49.8 74.6

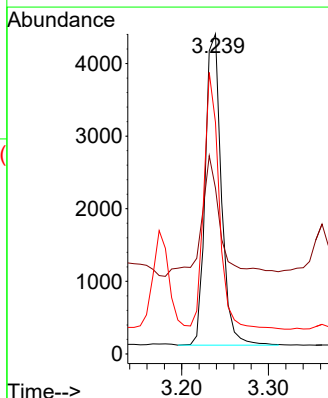
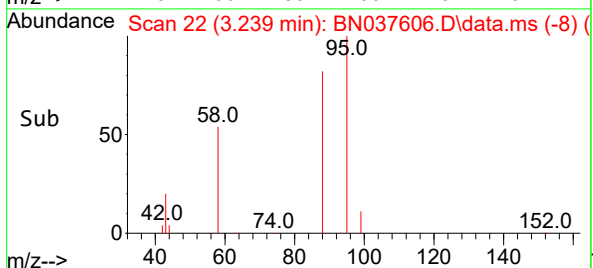
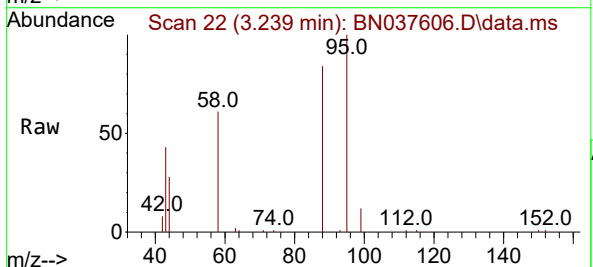
Manual Integrations
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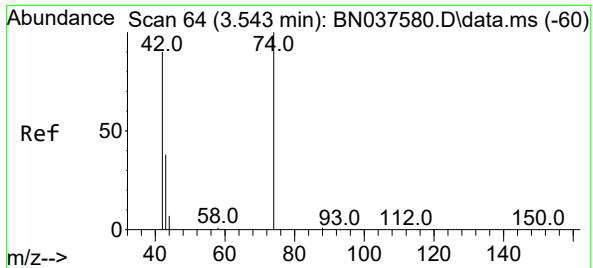
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#2
1,4-Dioxane
Concen: 2.862 ng
RT: 3.239 min Scan# 22
Delta R.T. -0.000 min
Lab File: BN037606.D
Acq: 19 Aug 2025 14:17

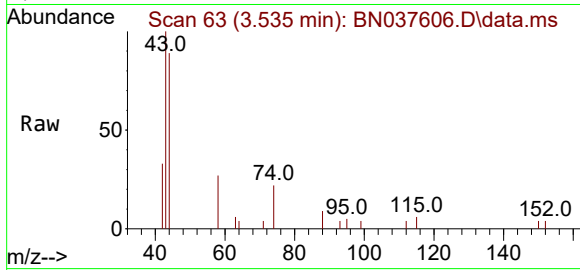
Tgt Ion: 88 Resp: 5537
Ion Ratio Lower Upper
88 100
43 47.0 25.8 38.6#
58 77.2 61.2 91.8





#3
n-Nitrosodimethylamine
Concen: 0.167 ng
RT: 3.535 min Scan# 61
Delta R.T. -0.008 min
Lab File: BN037606.D
Acq: 19 Aug 2025 14:17

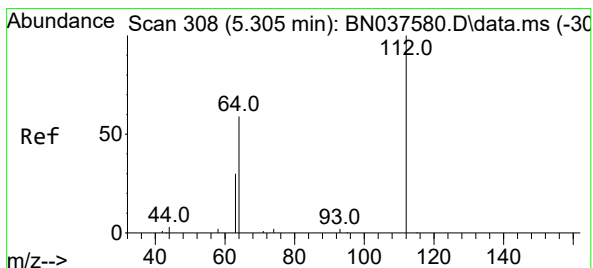
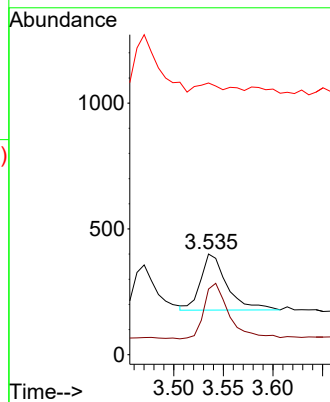
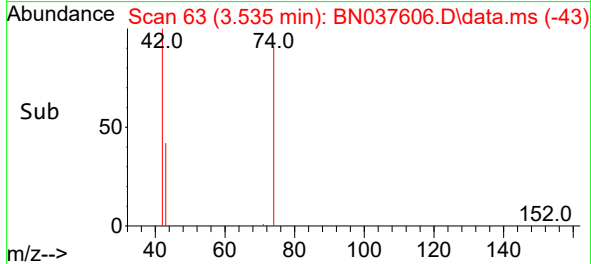
Instrument :
BNA_N
ClientSampleId :
MW-17B-55.5-08122025MSD



Tgt Ion: 42 Resp: 412
Ion Ratio Lower Upper
42 100
74 97.1 82.0 123.0
44 16.7 7.9 11.9

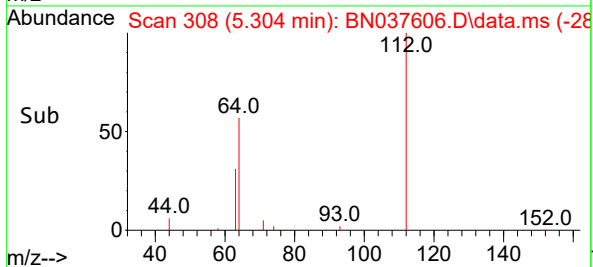
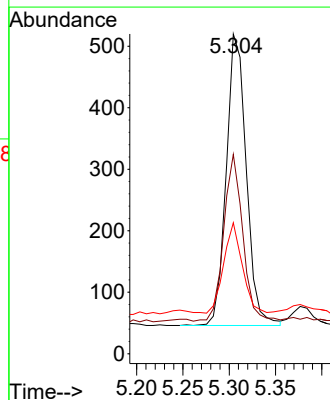
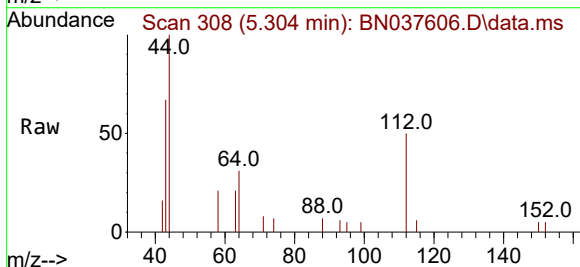
Manual Integrations
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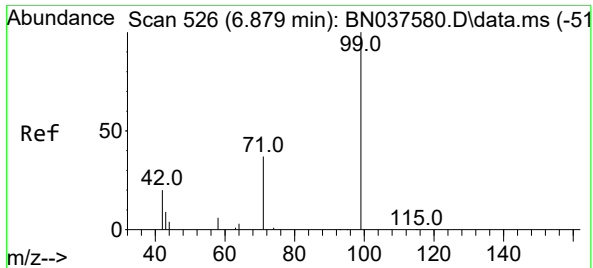
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#4
2-Fluorophenol
Concen: 0.156 ng
RT: 5.304 min Scan# 308
Delta R.T. -0.000 min
Lab File: BN037606.D
Acq: 19 Aug 2025 14:17

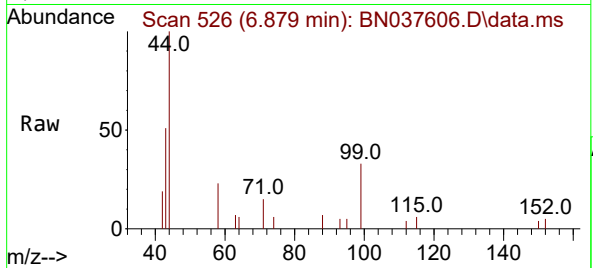
Tgt Ion:112 Resp: 713
Ion Ratio Lower Upper
112 100
64 54.3 44.9 67.3
63 29.5 23.4 35.2





#5
Phenol-d6
Concen: 0.090 ng
RT: 6.879 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN037606.D
Acq: 19 Aug 2025 14:17

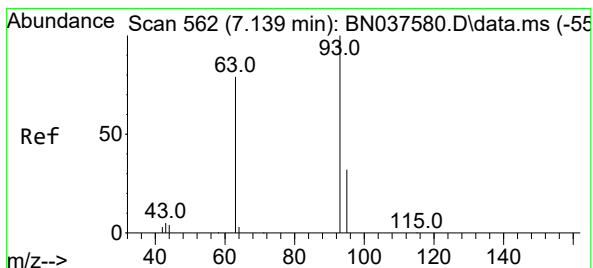
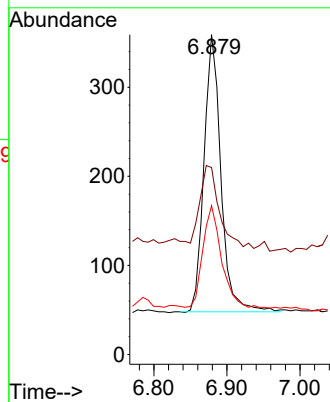
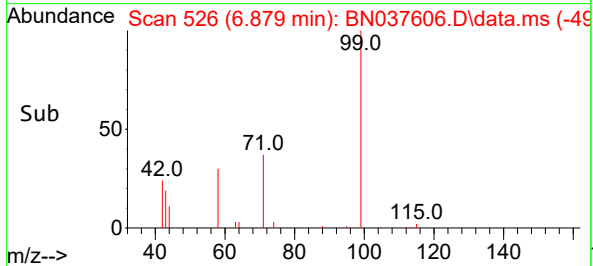
Instrument :
BNA_N
ClientSampleId :
MW-17B-55.5-08122025MSD



Tgt Ion: 99 Resp: 499
Ion Ratio Lower Upper
99 100
42 35.1 18.5 27.7
71 41.1 28.6 42.8

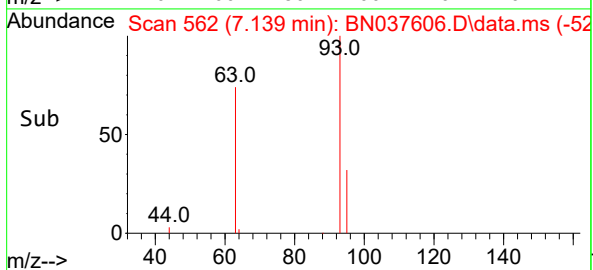
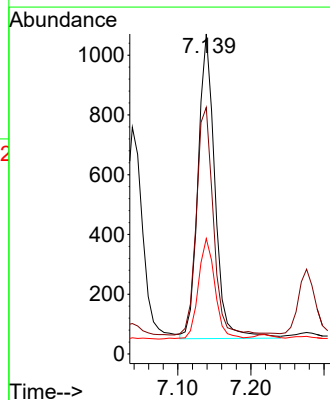
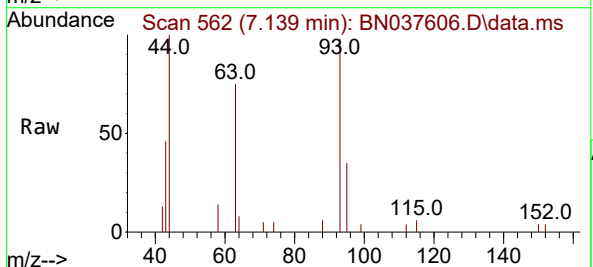
Manual Integrations
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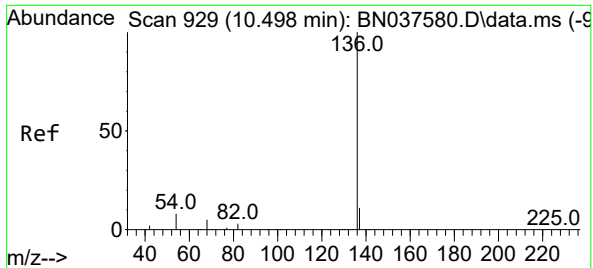
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#6
bis(2-Chloroethyl)ether
Concen: 0.329 ng
RT: 7.139 min Scan# 562
Delta R.T. -0.000 min
Lab File: BN037606.D
Acq: 19 Aug 2025 14:17

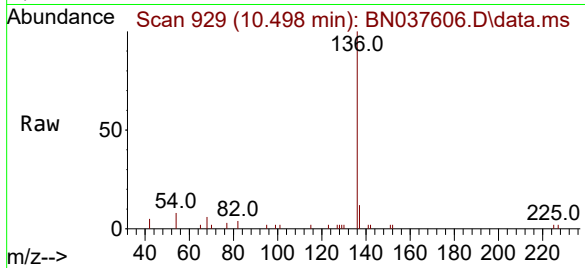
Tgt Ion: 93 Resp: 1634
Ion Ratio Lower Upper
93 100
63 75.2 58.0 87.0
95 32.4 24.9 37.3





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.498 min Scan# 929
Delta R.T. -0.000 min
Lab File: BN037606.D
Acq: 19 Aug 2025 14:17

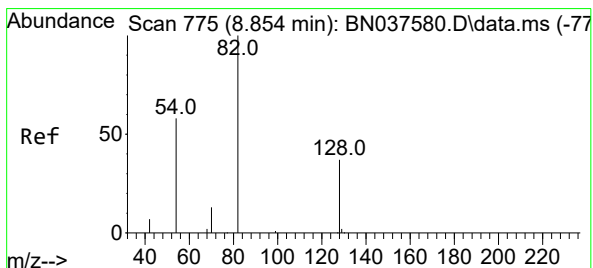
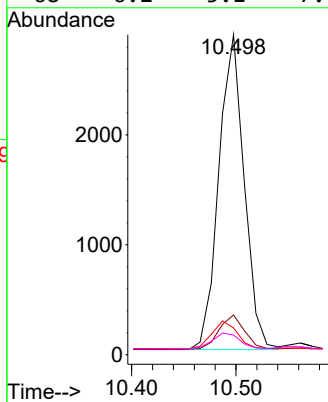
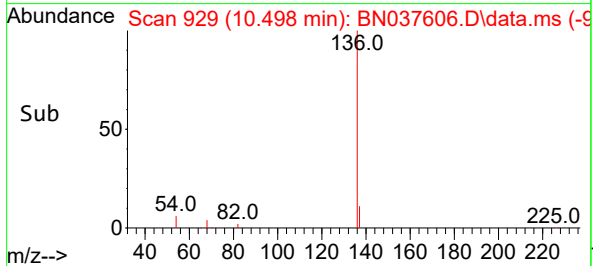
Instrument : BNA_N
ClientSampleId : MW-17B-55.5-08122025MSD



Tgt Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.5	14.3
54	8.4	7.3	10.9
68	6.2	5.1	7.7

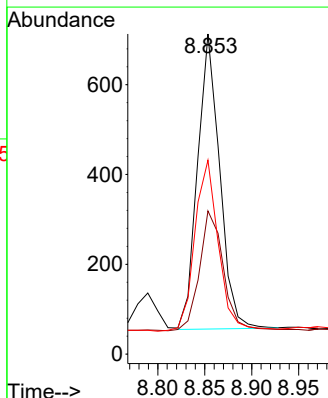
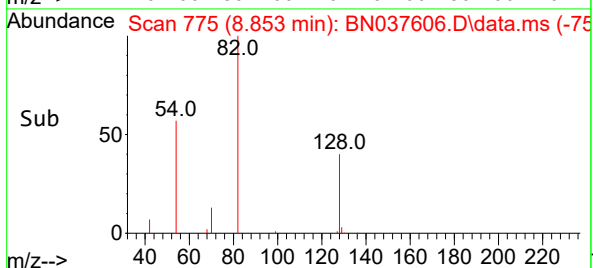
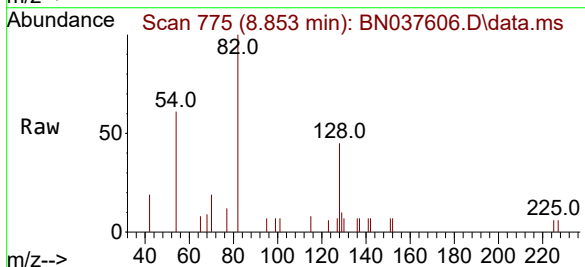
Manual Integrations
APPROVED

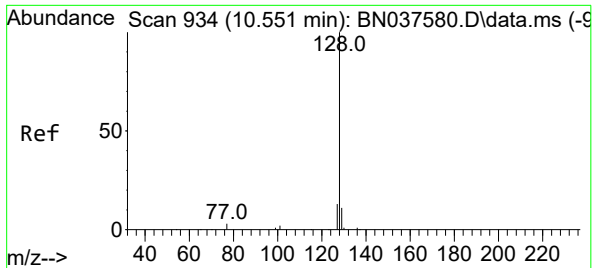
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#8
Nitrobenzene-d5
Concen: 0.317 ng
RT: 8.853 min Scan# 775
Delta R.T. -0.000 min
Lab File: BN037606.D
Acq: 19 Aug 2025 14:17

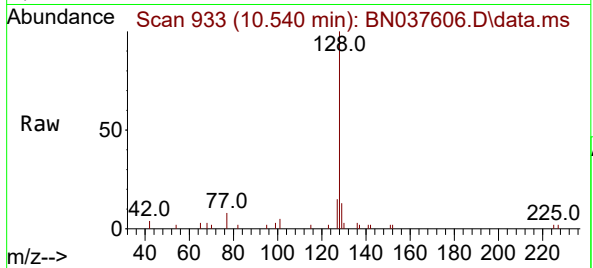
Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.7	32.6	48.8
54	60.6	48.9	73.3





#9
Naphthalene
Concen: 0.333 ng
RT: 10.540 min Scan# 911
Delta R.T. -0.011 min
Lab File: BN037606.D
Acq: 19 Aug 2025 14:17

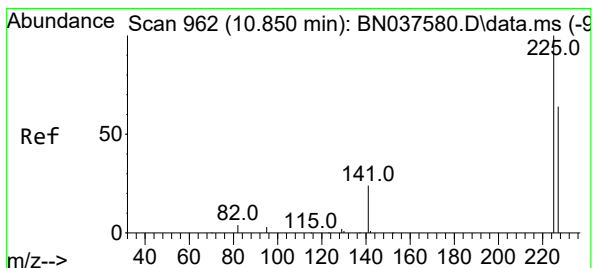
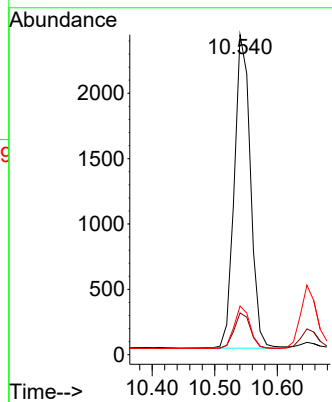
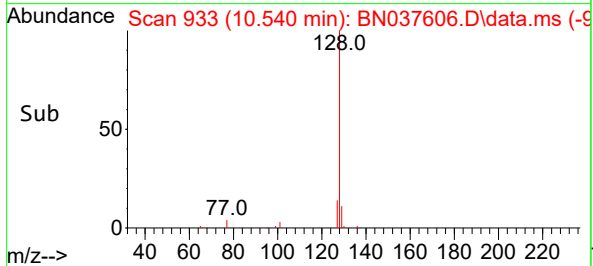
Instrument :
BNA_N
ClientSampleId :
MW-17B-55.5-08122025MSD



Tgt Ion:128 Resp: 4289
Ion Ratio Lower Upper
128 100
129 13.1 9.8 14.6
127 15.2 11.5 17.3

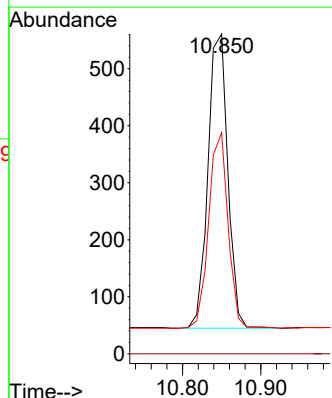
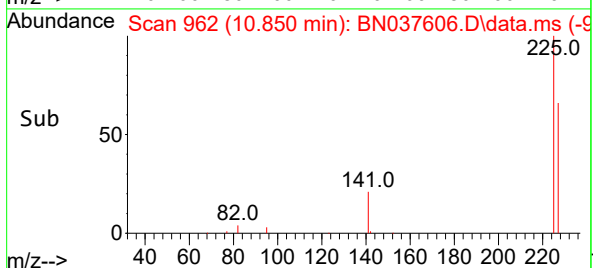
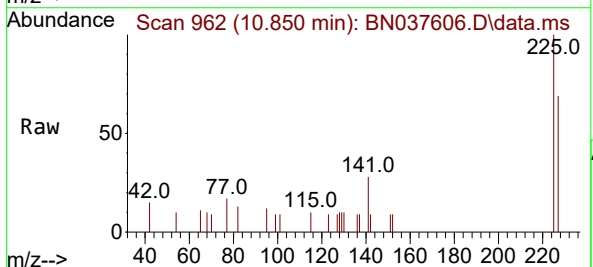
Manual Integrations
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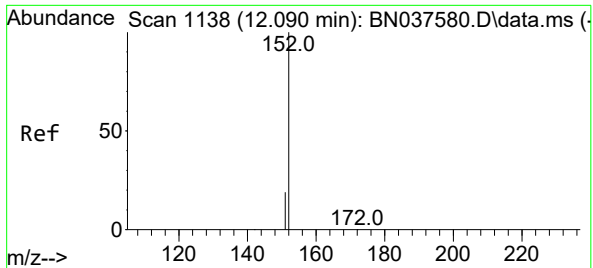
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#10
Hexachlorobutadiene
Concen: 0.289 ng
RT: 10.850 min Scan# 962
Delta R.T. -0.000 min
Lab File: BN037606.D
Acq: 19 Aug 2025 14:17

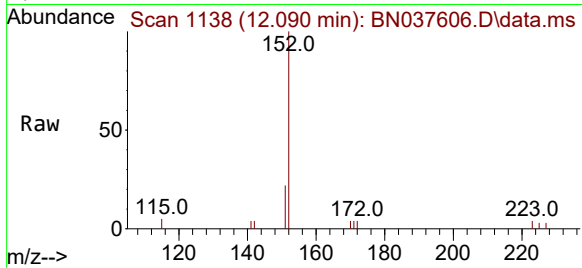
Tgt Ion:225 Resp: 911
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 64.4 50.8 76.2





#11
2-Methylnaphthalene-d10
Concen: 0.303 ng m
RT: 12.090 min Scan# 1138
Delta R.T. -0.000 min
Lab File: BN037606.D
Acq: 19 Aug 2025 14:17

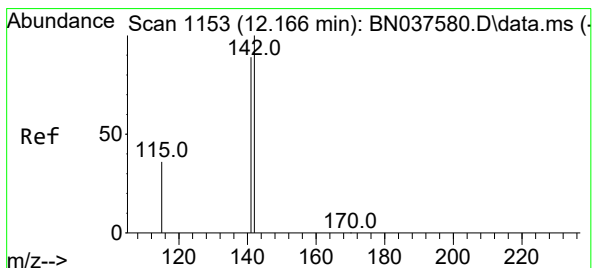
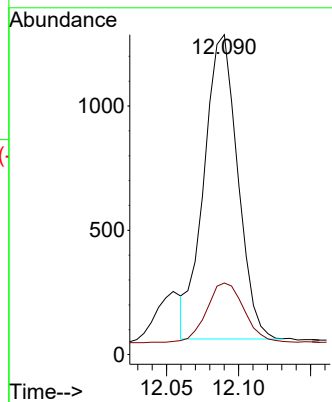
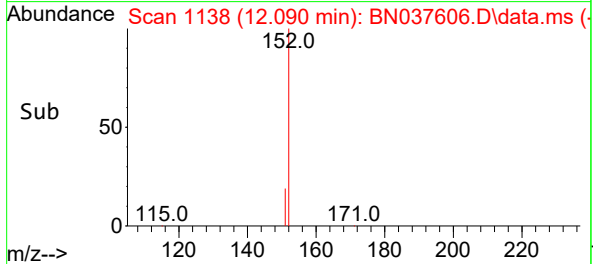
Instrument :
BNA_N
ClientSampleId :
MW-17B-55.5-08122025MSD



Tgt Ion:152 Resp: 199
Ion Ratio Lower Upper
152 100
151 22.1 17.3 25.9

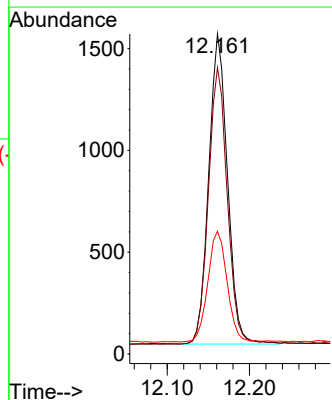
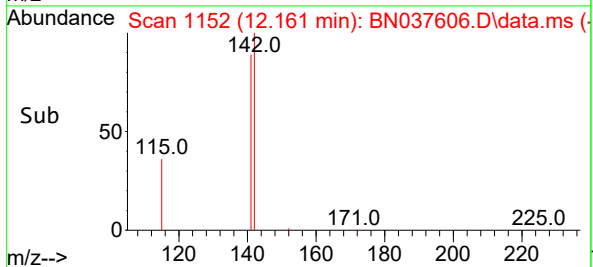
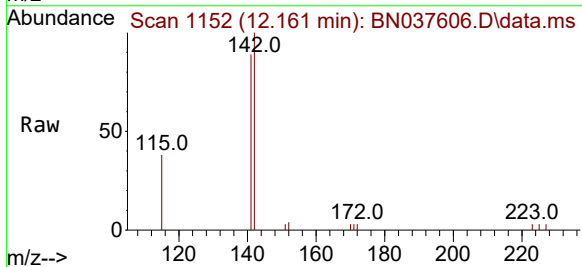
Manual Integrations
APPROVED

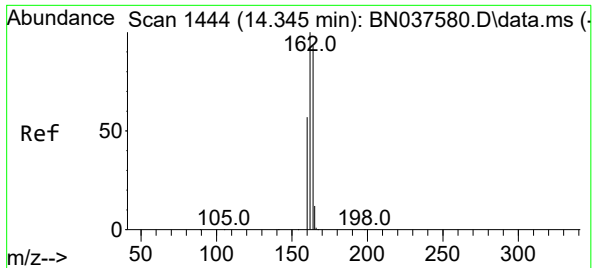
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#12
2-Methylnaphthalene
Concen: 0.298 ng
RT: 12.161 min Scan# 1152
Delta R.T. -0.005 min
Lab File: BN037606.D
Acq: 19 Aug 2025 14:17

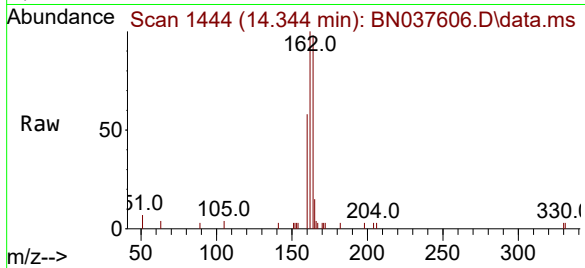
Tgt Ion:142 Resp: 2410
Ion Ratio Lower Upper
142 100
141 89.4 71.4 107.0
115 38.4 30.2 45.4





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.344 min Scan# 1444
Delta R.T. -0.000 min
Lab File: BN037606.D
Acq: 19 Aug 2025 14:17

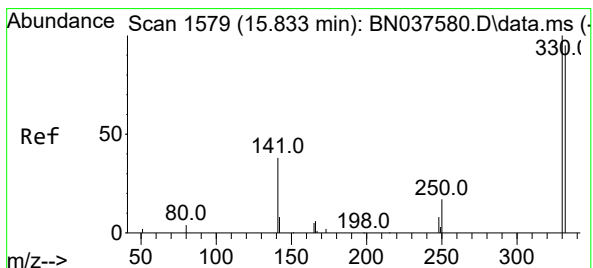
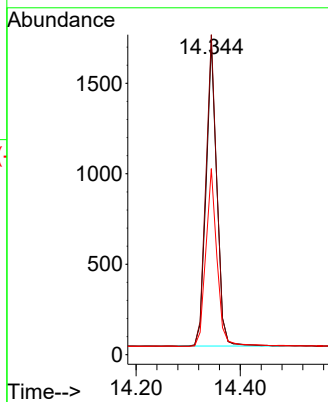
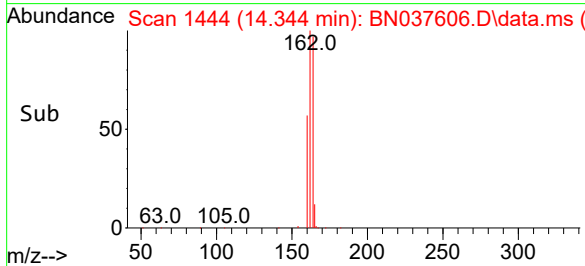
Instrument :
BNA_N
ClientSampleId :
MW-17B-55.5-08122025MSD



Tgt Ion:164 Resp: 2400
Ion Ratio Lower Upper
164 100
162 102.4 85.5 128.3
160 59.6 49.5 74.3

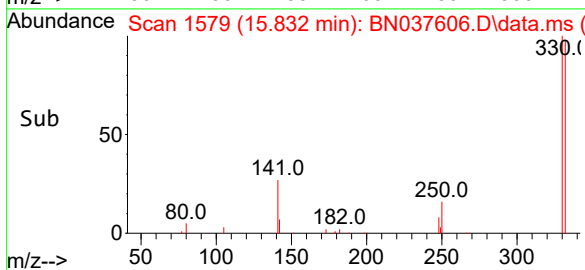
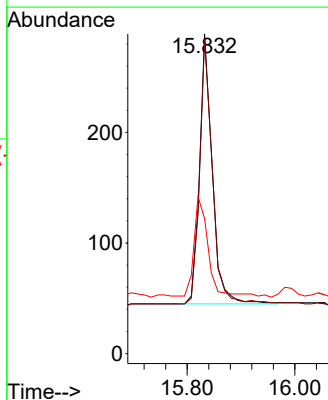
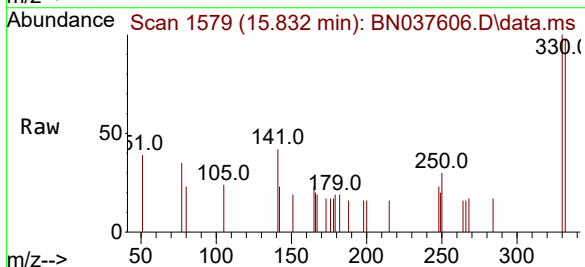
Manual Integrations
APPROVED

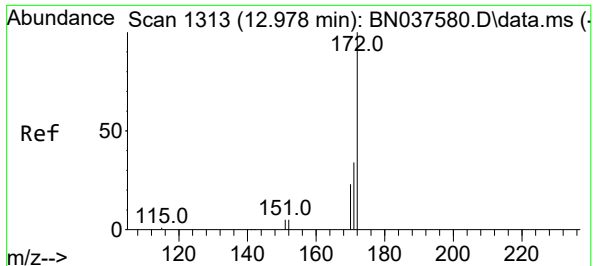
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#14
2,4,6-Tribromophenol
Concen: 0.381 ng
RT: 15.832 min Scan# 1579
Delta R.T. -0.000 min
Lab File: BN037606.D
Acq: 19 Aug 2025 14:17

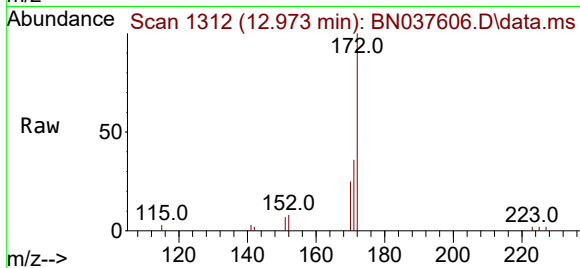
Tgt Ion:330 Resp: 401
Ion Ratio Lower Upper
330 100
332 98.3 77.4 116.0
141 42.6 30.9 46.3





#15
2-Fluorobiphenyl
Concen: 0.324 ng
RT: 12.973 min Scan# 1313
Delta R.T. -0.005 min
Lab File: BN037606.D
Acq: 19 Aug 2025 14:17

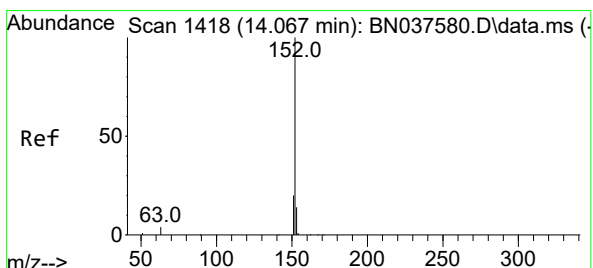
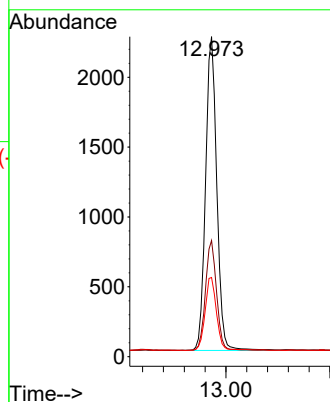
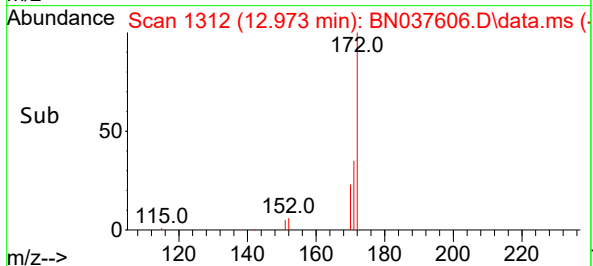
Instrument :
BNA_N
ClientSampleId :
MW-17B-55.5-08122025MSD



Tgt Ion:172 Resp: 4509
Ion Ratio Lower Upper
172 100
171 36.3 28.2 42.4
170 24.7 19.2 28.8

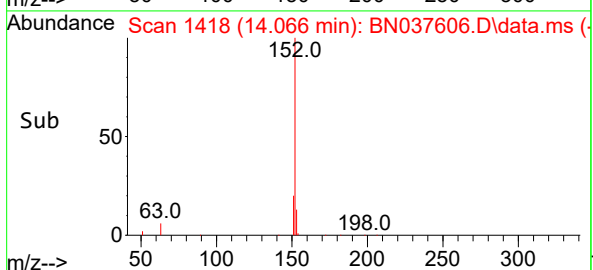
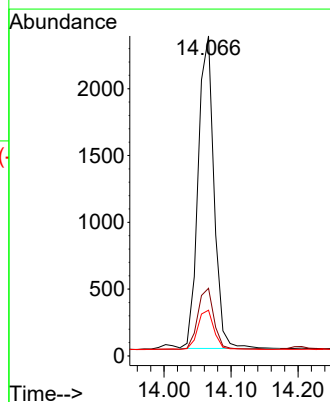
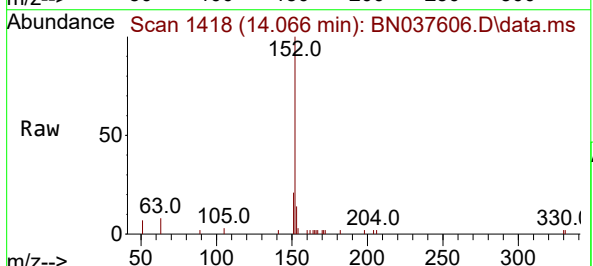
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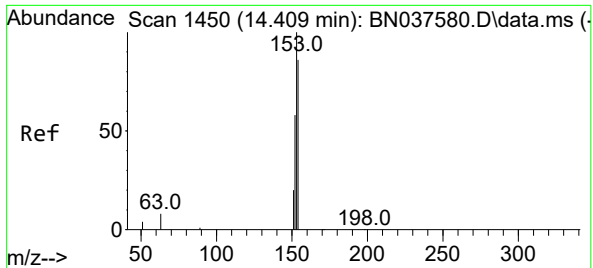
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#16
Acenaphthylene
Concen: 0.357 ng
RT: 14.066 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BN037606.D
Acq: 19 Aug 2025 14:17

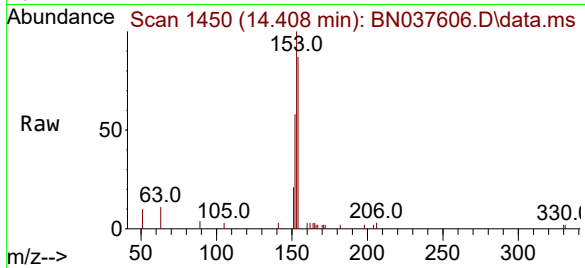
Tgt Ion:152 Resp: 3852
Ion Ratio Lower Upper
152 100
151 19.8 16.1 24.1
153 13.3 10.7 16.1





#17
Acenaphthene
Concen: 0.336 ng
RT: 14.408 min Scan# 1450
Delta R.T. -0.000 min
Lab File: BN037606.D
Acq: 19 Aug 2025 14:17

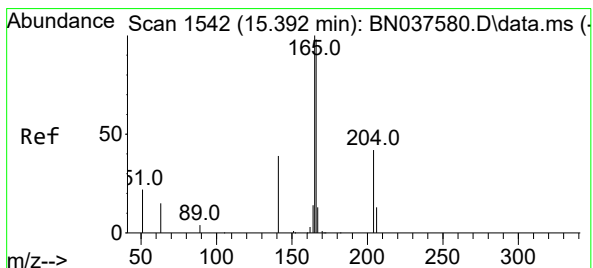
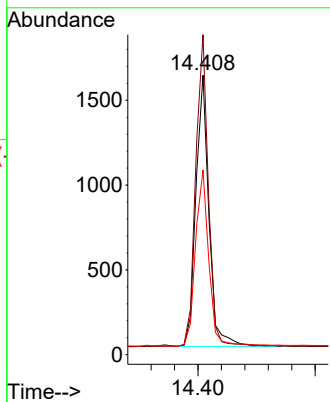
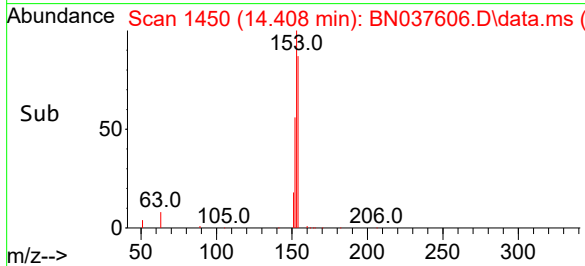
Instrument :
BNA_N
ClientSampleId :
MW-17B-55.5-08122025MSD



Tgt Ion:154 Resp: 2460
Ion Ratio Lower Upper
154 100
153 111.9 90.6 135.8
152 66.6 54.9 82.3

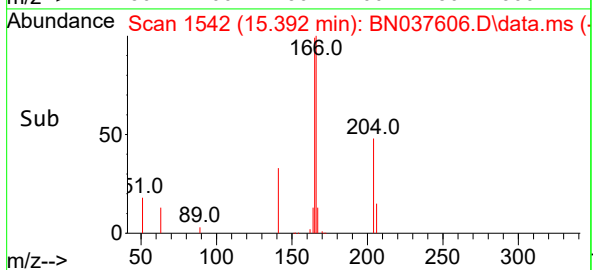
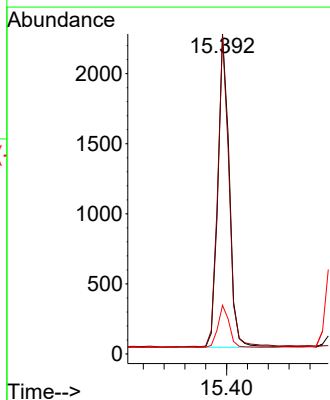
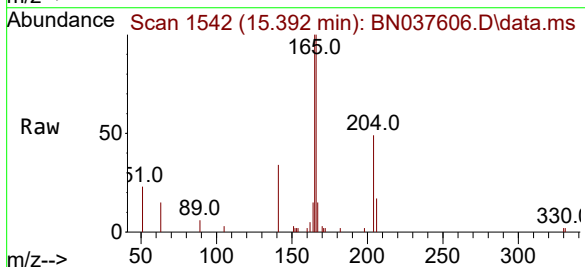
Manual Integrations
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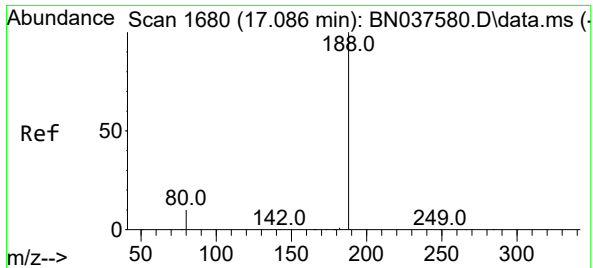
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#18
Fluorene
Concen: 0.350 ng
RT: 15.392 min Scan# 1542
Delta R.T. -0.000 min
Lab File: BN037606.D
Acq: 19 Aug 2025 14:17

Tgt Ion:166 Resp: 3360
Ion Ratio Lower Upper
166 100
165 99.8 78.9 118.3
167 13.5 10.7 16.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.086 min Scan# 1680

Delta R.T. -0.000 min

Lab File: BN037606.D

Acq: 19 Aug 2025 14:17

Instrument :

BNA_N

ClientSampleId :

MW-17B-55.5-08122025MSD

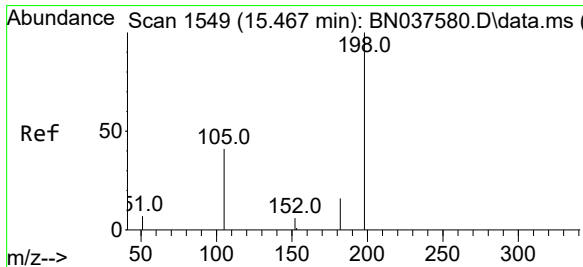
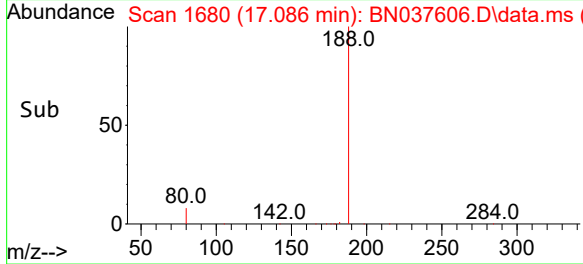
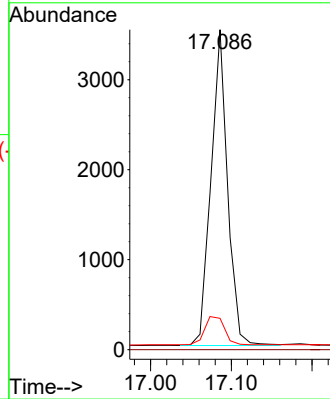
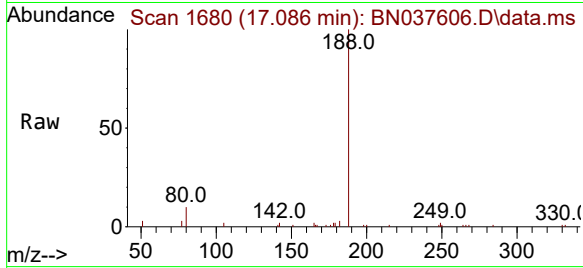
Tgt Ion:	188	Resp:	500
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	9.8	9.1	13.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/20/2025

Supervised By :Jagrut Upadhyay 08/20/2025



#20

4,6-Dinitro-2-methylphenol

Concen: 0.441 ng

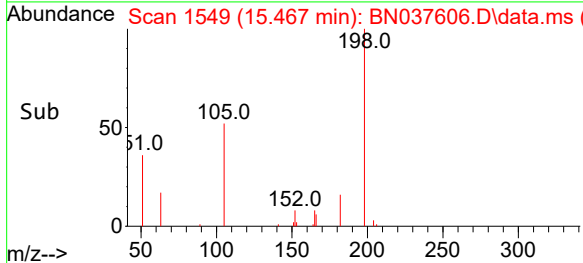
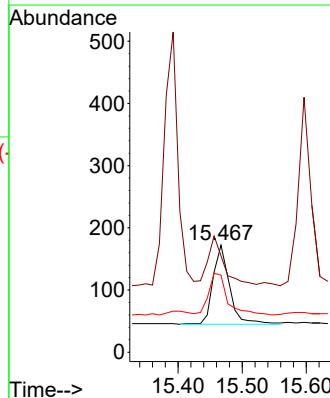
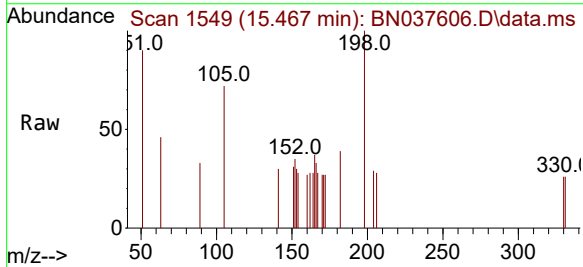
RT: 15.467 min Scan# 1549

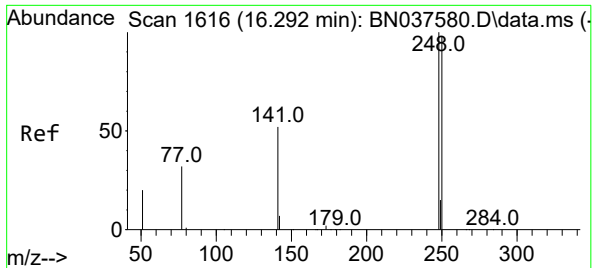
Delta R.T. -0.000 min

Lab File: BN037606.D

Acq: 19 Aug 2025 14:17

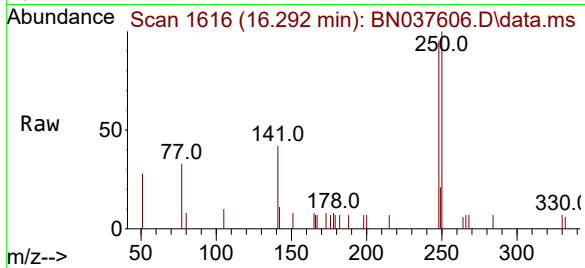
Tgt Ion:	198	Resp:	237
Ion Ratio	Lower	Upper	
198	100		
51	90.1	81.0	121.6
105	72.1	52.5	78.7





#21
4-Bromophenyl-phenylether
Concen: 0.353 ng
RT: 16.292 min Scan# 1616
Delta R.T. -0.000 min
Lab File: BN037606.D
Acq: 19 Aug 2025 14:17

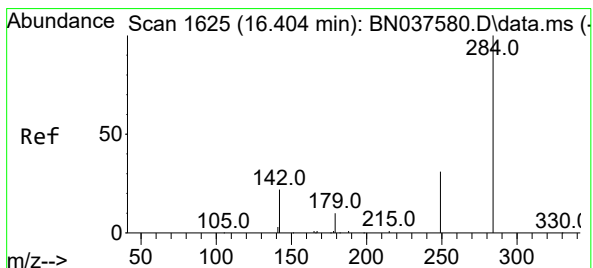
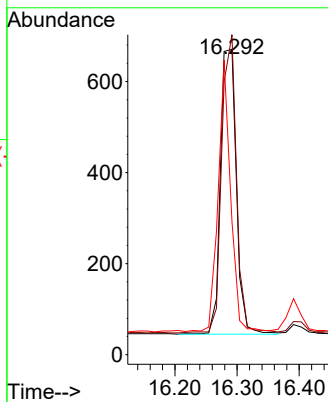
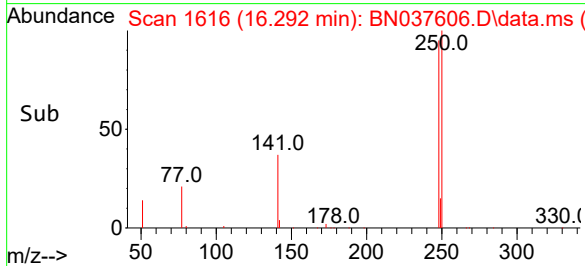
Instrument :
BNA_N
ClientSampleId :
MW-17B-55.5-08122025MSD



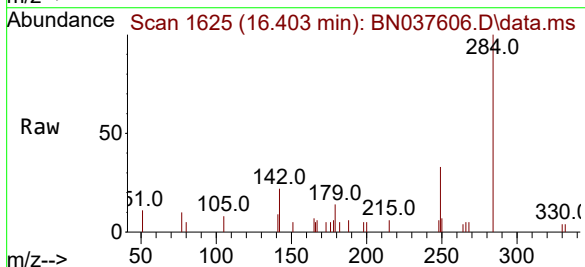
Tgt Ion:248 Resp: 111
Ion Ratio Lower Upper
248 100
250 104.8 78.6 118.0
141 43.7 43.7 65.5

Manual Integrations
APPROVED

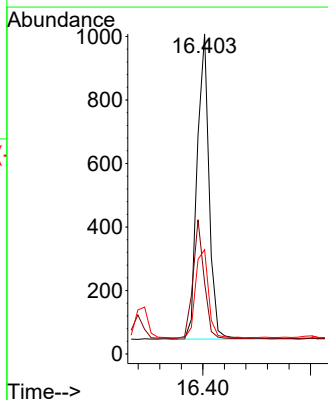
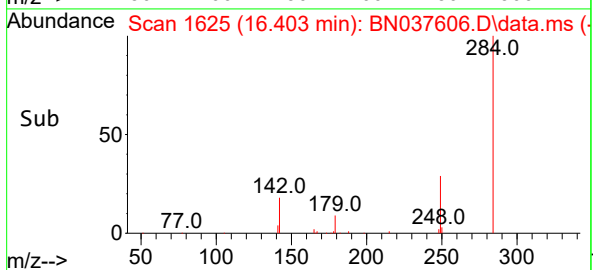
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025

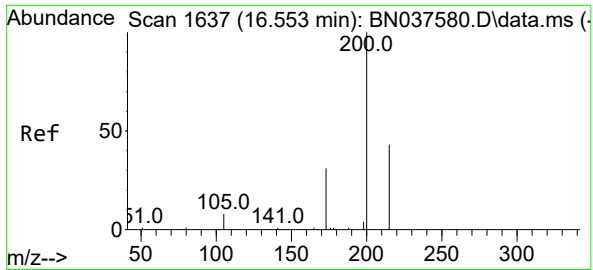


#22
Hexachlorobenzene
Concen: 0.331 ng
RT: 16.403 min Scan# 1625
Delta R.T. -0.001 min
Lab File: BN037606.D
Acq: 19 Aug 2025 14:17



Tgt Ion:284 Resp: 1477
Ion Ratio Lower Upper
284 100
142 36.2 29.8 44.6
249 31.6 26.0 39.0





#23

Atrazine

Concen: 0.449 ng

RT: 16.552 min Scan# 1637

Delta R.T. -0.001 min

Lab File: BN037606.D

Acq: 19 Aug 2025 14:17

Instrument :

BNA_N

ClientSampleId :

MW-17B-55.5-08122025MSD

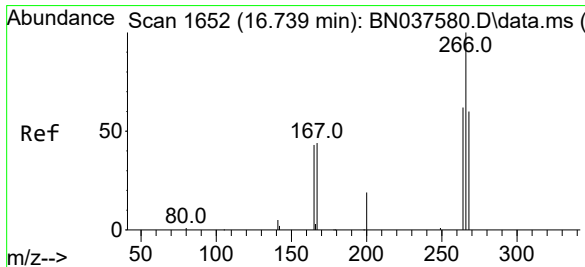
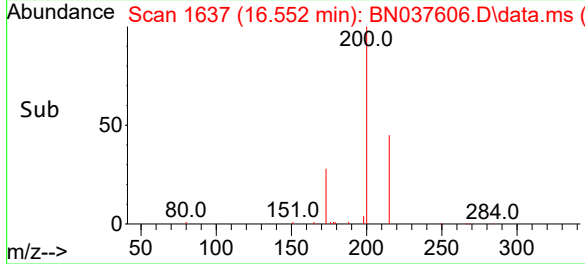
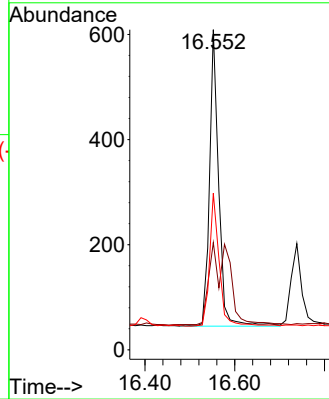
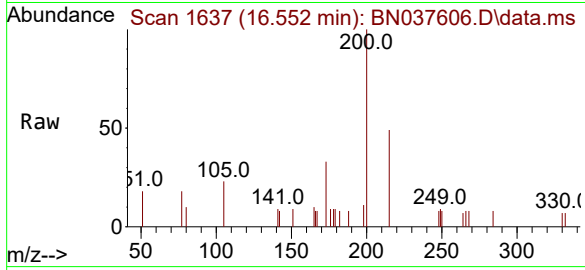
Tgt Ion:	200	Resp:	799
Ion Ratio	Lower	Upper	
200	100		
173	33.5	31.0	46.4
215	48.9	39.4	59.0

Manual Integrations

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Reviewed By :Rahul Chavli 08/20/2025

Supervised By :Jagrut Upadhyay 08/20/2025



#24

Pentachlorophenol

Concen: 0.826 ng

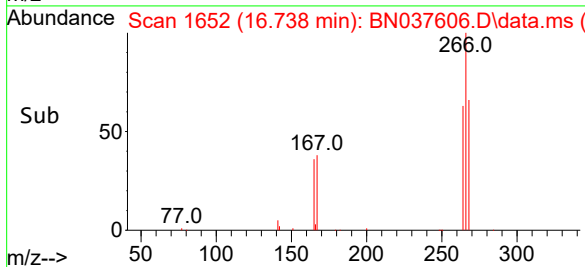
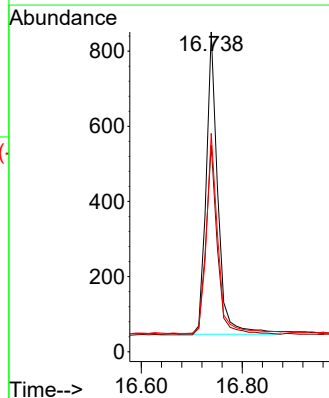
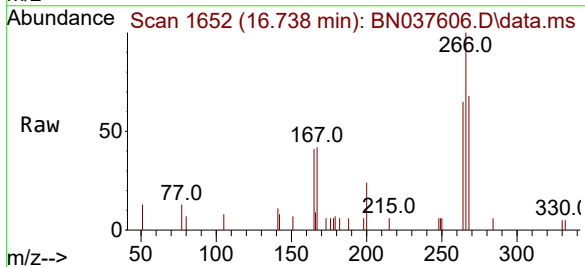
RT: 16.738 min Scan# 1652

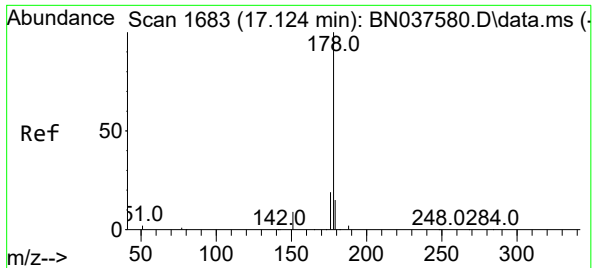
Delta R.T. -0.001 min

Lab File: BN037606.D

Acq: 19 Aug 2025 14:17

Tgt Ion:	266	Resp:	1294
Ion Ratio	Lower	Upper	
266	100		
264	62.4	49.6	74.4
268	65.3	49.2	73.8





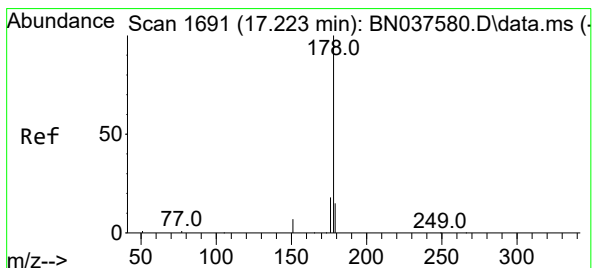
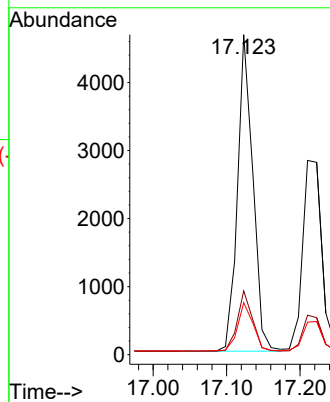
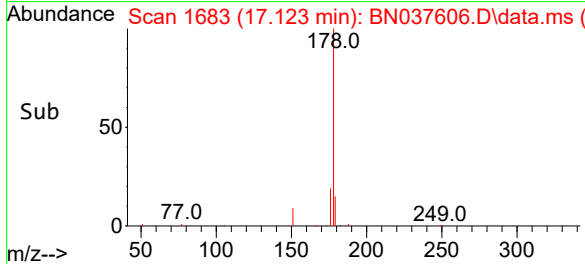
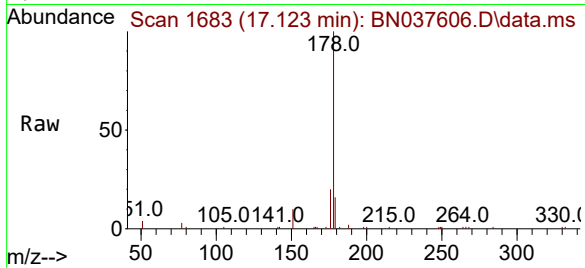
#25
Phenanthrene
Concen: 0.443 ng
RT: 17.123 min Scan# 1683
Delta R.T. -0.000 min
Lab File: BN037606.D
Acq: 19 Aug 2025 14:17

Instrument :
BNA_N
ClientSampleId :
MW-17B-55.5-08122025MSD

Tgt Ion:178 Resp: 6750
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.6
179 15.6 12.3 18.5

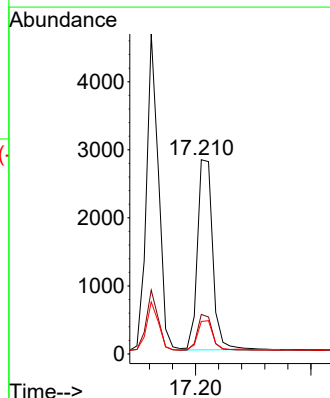
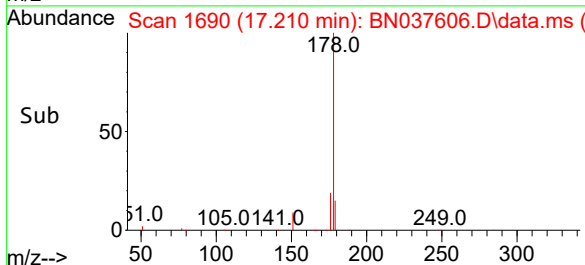
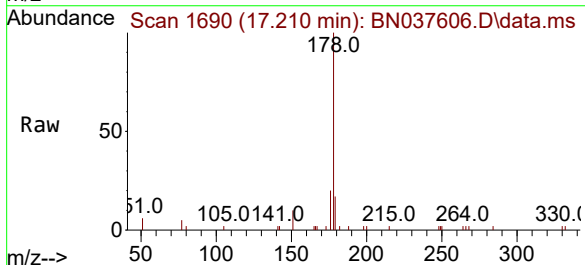
Manual Integrations
APPROVED

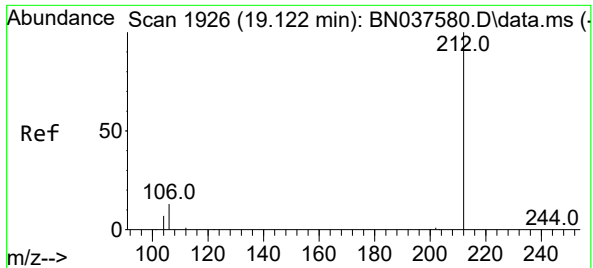
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#26
Anthracene
Concen: 0.381 ng
RT: 17.210 min Scan# 1690
Delta R.T. -0.013 min
Lab File: BN037606.D
Acq: 19 Aug 2025 14:17

Tgt Ion:178 Resp: 5136
Ion Ratio Lower Upper
178 100
176 18.5 14.7 22.1
179 15.8 12.3 18.5





#27

Fluoranthene-d10

Concen: 0.371 ng

RT: 19.117 min Scan# 1925

Delta R.T. -0.005 min

Lab File: BN037606.D

Acq: 19 Aug 2025 14:17

Instrument :

BNA_N

ClientSampleId :

MW-17B-55.5-08122025MSD

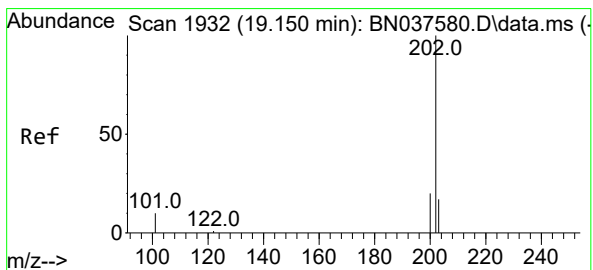
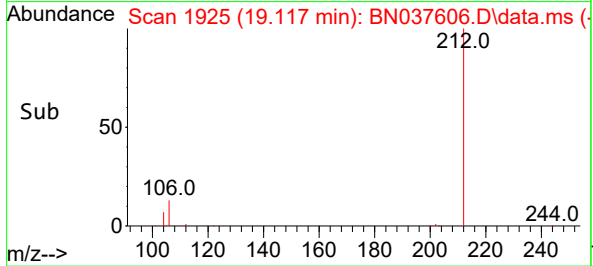
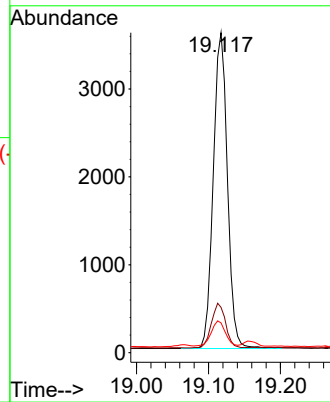
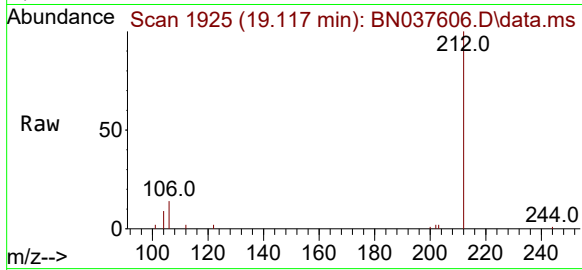
Tgt Ion:	212	Resp:	4894
Ion Ratio	Lower	Upper	
212	100		
106	14.0	11.5	17.3
104	8.3	6.6	9.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/20/2025

Supervised By :Jagrut Upadhyay 08/20/2025



#28

Fluoranthene

Concen: 0.418 ng

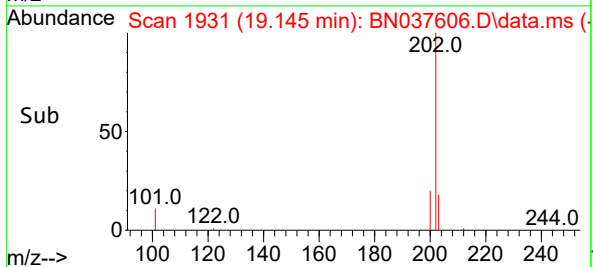
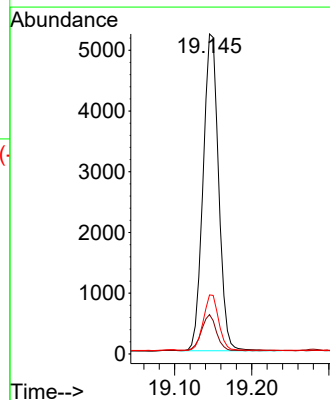
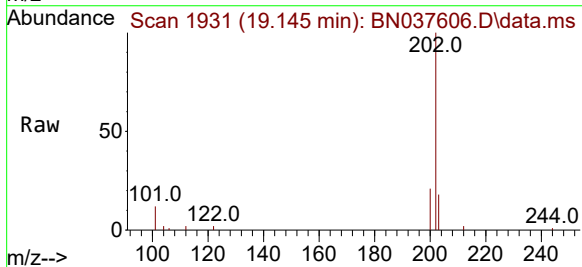
RT: 19.145 min Scan# 1931

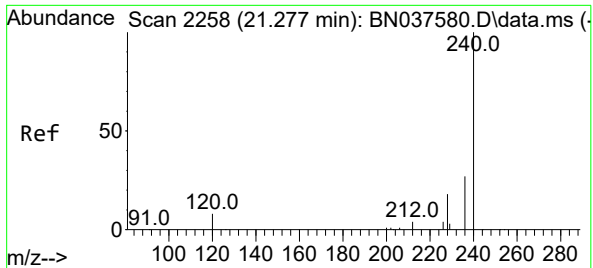
Delta R.T. -0.005 min

Lab File: BN037606.D

Acq: 19 Aug 2025 14:17

Tgt Ion:	202	Resp:	7312
Ion Ratio	Lower	Upper	
202	100		
101	11.1	9.0	13.6
203	17.2	13.8	20.8





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.267 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN037606.D

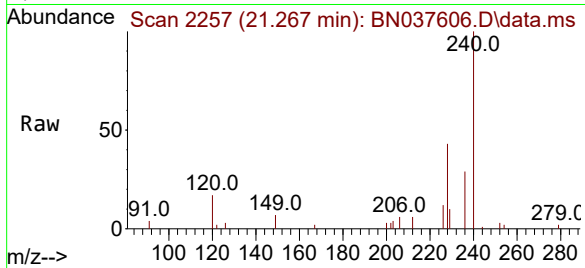
Acq: 19 Aug 2025 14:17

Instrument :

BNA_N

ClientSampleId :

MW-17B-55.5-08122025MSD



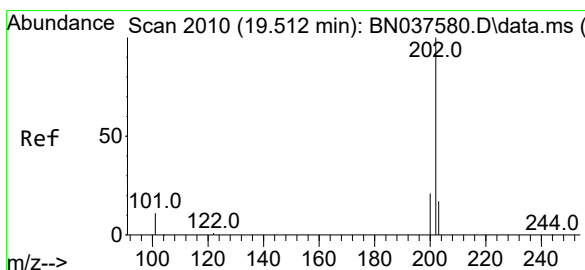
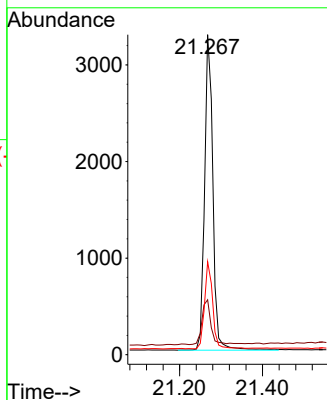
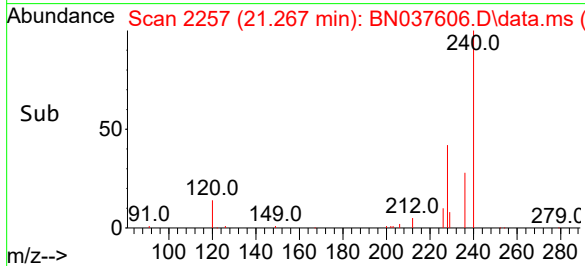
Tgt Ion:	240	Resp:	456
Ion Ratio	Lower	Upper	
240	100		
120	17.2	8.9	13.3
236	29.1	22.6	33.8

Manual Integrations

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Reviewed By :Rahul Chavli 08/20/2025

Supervised By :Jagrut Upadhyay 08/20/2025



#30

Pyrene

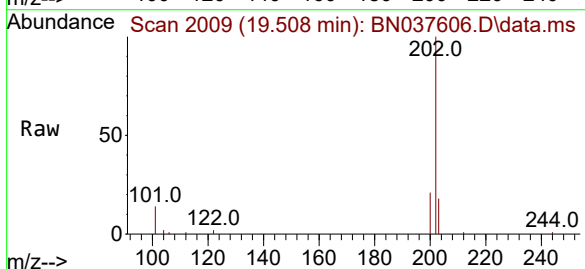
Concen: 0.415 ng

RT: 19.508 min Scan# 2009

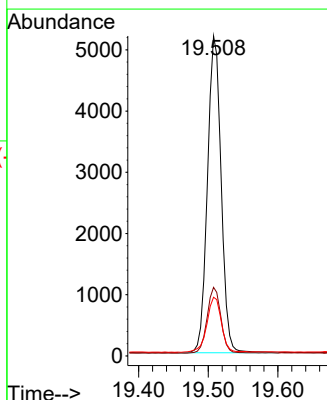
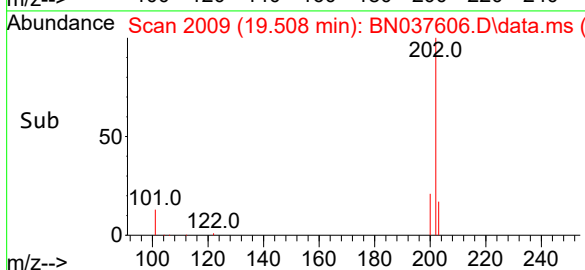
Delta R.T. -0.005 min

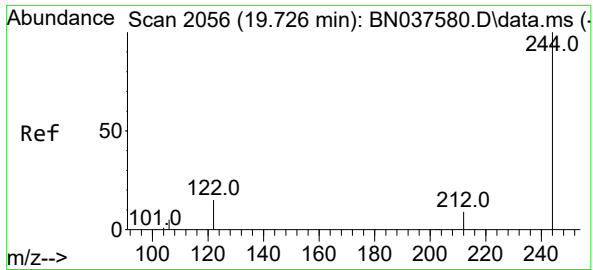
Lab File: BN037606.D

Acq: 19 Aug 2025 14:17



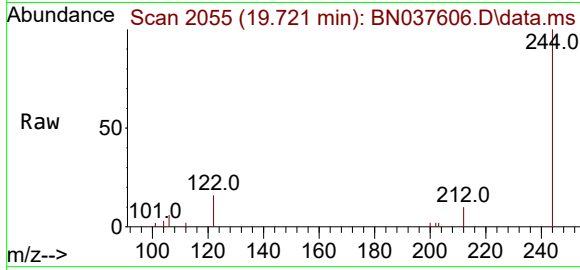
Tgt Ion:	202	Resp:	7072
Ion Ratio	Lower	Upper	
202	100		
200	20.7	16.6	25.0
203	18.3	14.3	21.5





#31
Terphenyl-d14
Concen: 0.468 ng
RT: 19.721 min Scan# 2056
Delta R.T. -0.005 min
Lab File: BN037606.D
Acq: 19 Aug 2025 14:17

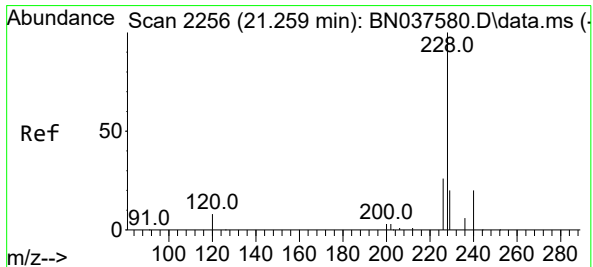
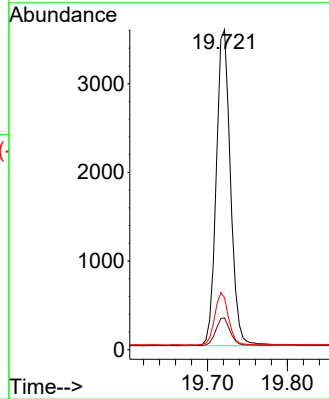
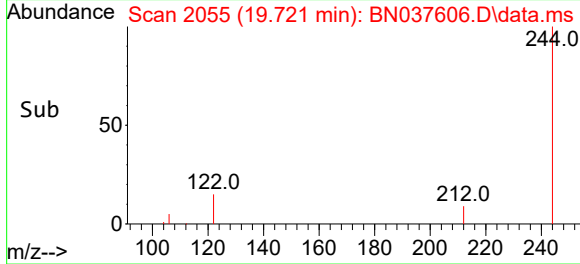
Instrument :
BNA_N
ClientSampleId :
MW-17B-55.5-08122025MSD



Tgt Ion:244 Resp: 439
Ion Ratio Lower Upper
244 100
212 10.0 8.2 12.2
122 16.2 13.2 19.8

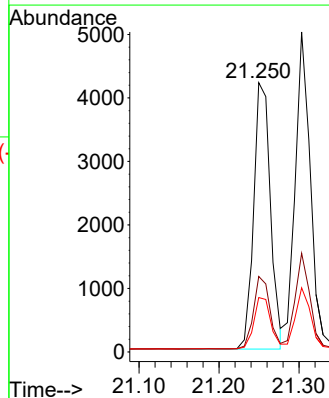
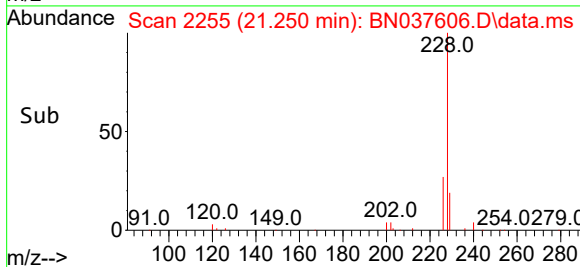
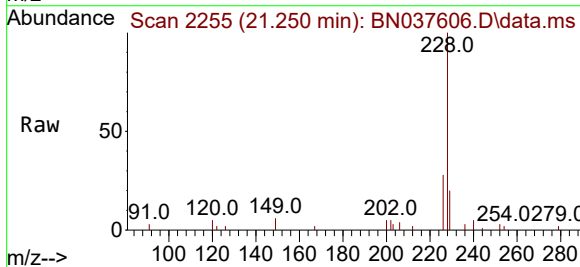
Manual Integrations
APPROVED

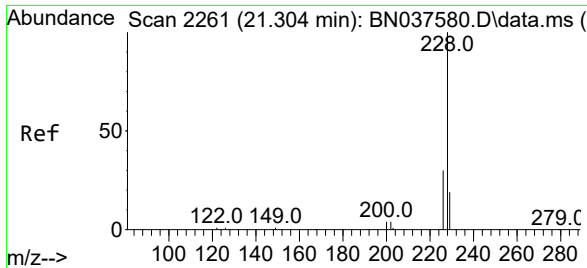
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#32
Benzo(a)anthracene
Concen: 0.402 ng
RT: 21.250 min Scan# 2255
Delta R.T. -0.009 min
Lab File: BN037606.D
Acq: 19 Aug 2025 14:17

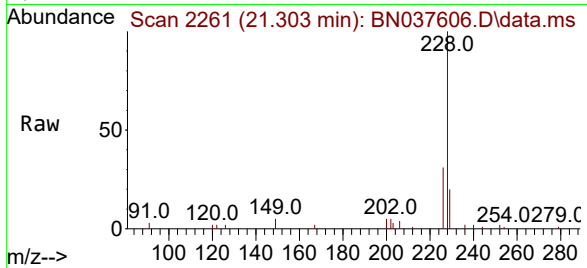
Tgt Ion:228 Resp: 6132
Ion Ratio Lower Upper
228 100
226 28.0 21.5 32.3
229 20.2 16.5 24.7





#33
Chrysene
Concen: 0.394 ng
RT: 21.303 min Scan# 21303
Delta R.T. -0.000 min
Lab File: BN037606.D
Acq: 19 Aug 2025 14:17

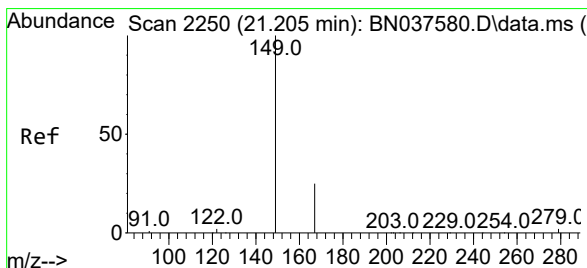
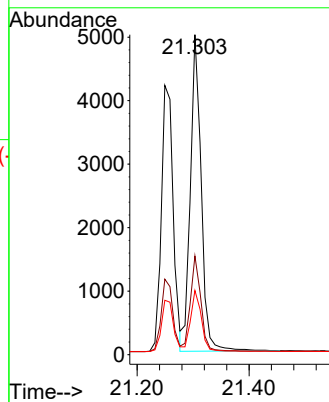
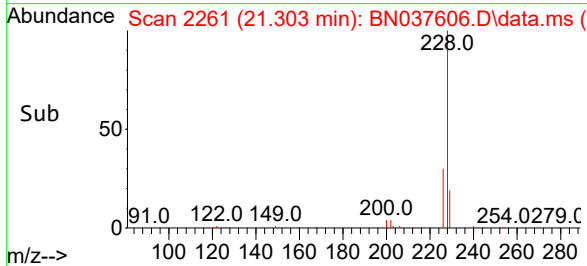
Instrument :
BNA_N
ClientSampleId :
MW-17B-55.5-08122025MSD



Tgt Ion: 228 Resp: 6692
Ion Ratio Lower Upper
228 100
226 30.8 24.9 37.3
229 20.1 15.8 23.8

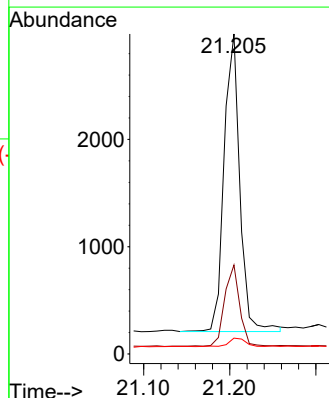
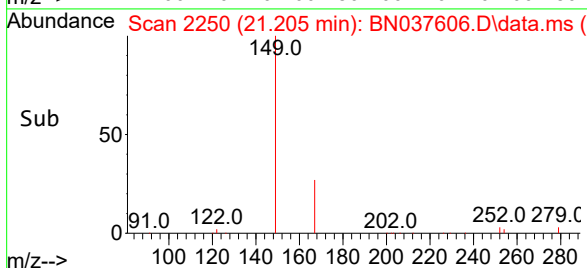
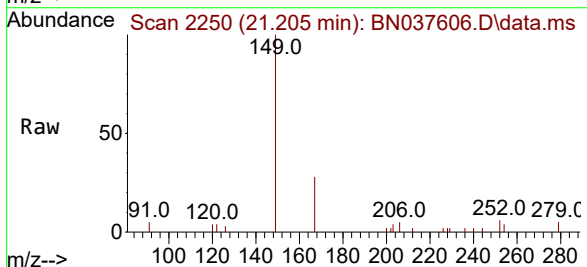
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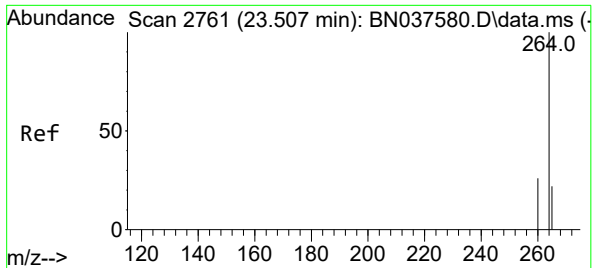
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.558 ng
RT: 21.205 min Scan# 2250
Delta R.T. -0.000 min
Lab File: BN037606.D
Acq: 19 Aug 2025 14:17

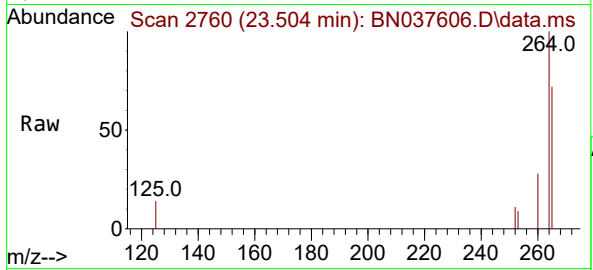
Tgt Ion: 149 Resp: 3509
Ion Ratio Lower Upper
149 100
167 25.9 20.5 30.7
279 3.1 2.6 4.0





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.504 min Scan# 21
Delta R.T. -0.003 min
Lab File: BN037606.D
Acq: 19 Aug 2025 14:17

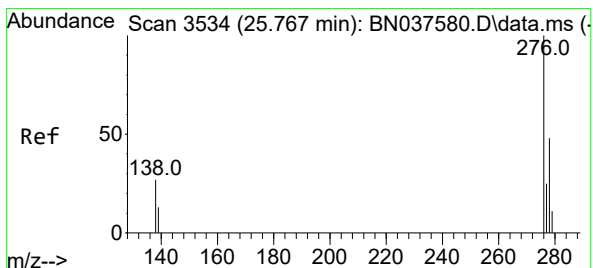
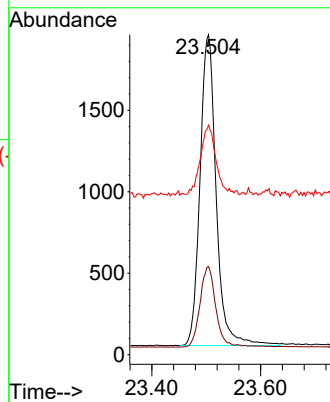
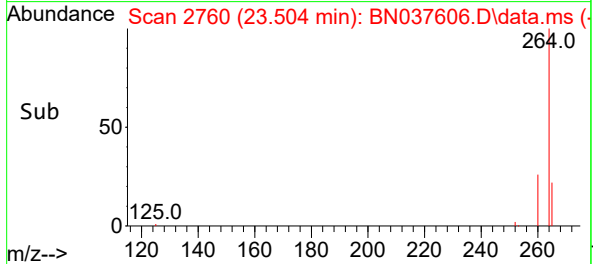
Instrument :
BNA_N
ClientSampleId :
MW-17B-55.5-08122025MSD



Tgt Ion:264 Resp: 393
Ion Ratio Lower Upper
264 100
260 27.6 21.6 32.4
265 71.7 48.2 72.4

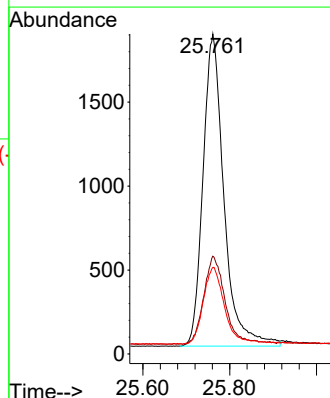
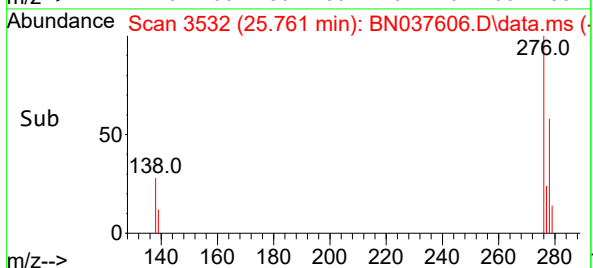
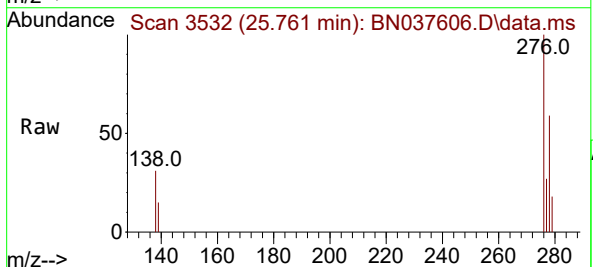
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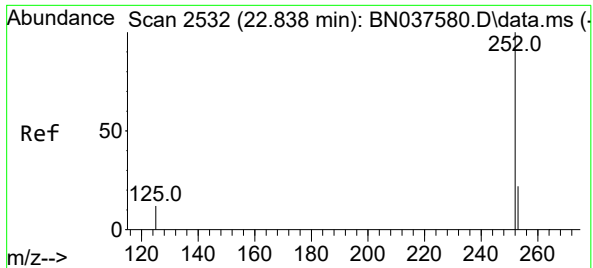
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.376 ng
RT: 25.761 min Scan# 3532
Delta R.T. -0.006 min
Lab File: BN037606.D
Acq: 19 Aug 2025 14:17

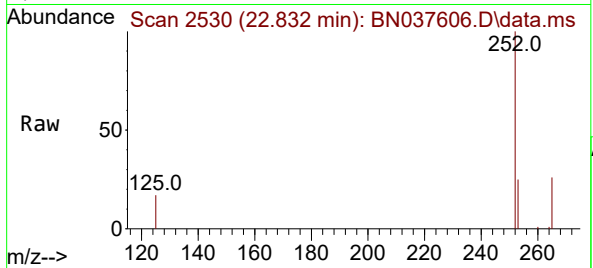
Tgt Ion:276 Resp: 6228
Ion Ratio Lower Upper
276 100
138 28.3 23.3 34.9
277 25.2 19.5 29.3





#37
Benzo(b)fluoranthene
Concen: 0.420 ng
RT: 22.832 min Scan# 2532
Delta R.T. -0.006 min
Lab File: BN037606.D
Acq: 19 Aug 2025 14:17

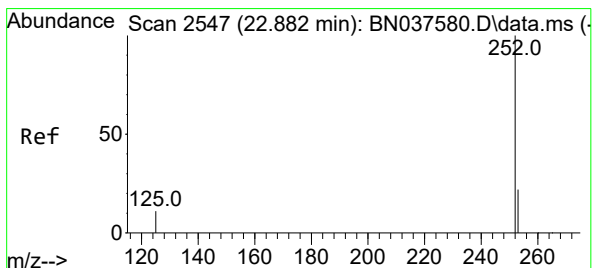
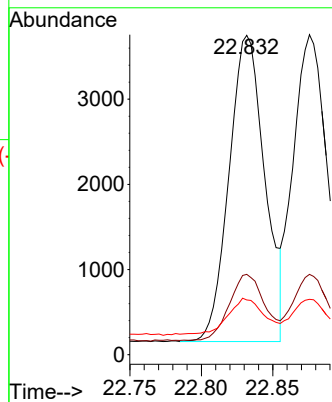
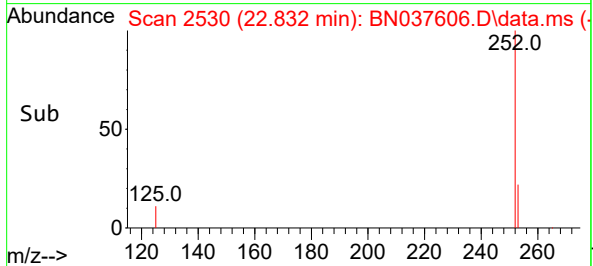
Instrument :
BNA_N
ClientSampleId :
MW-17B-55.5-08122025MSD



Tgt Ion:252 Resp: 626
Ion Ratio Lower Upper
252 100
253 25.2 20.0 30.0
125 17.1 13.8 20.6

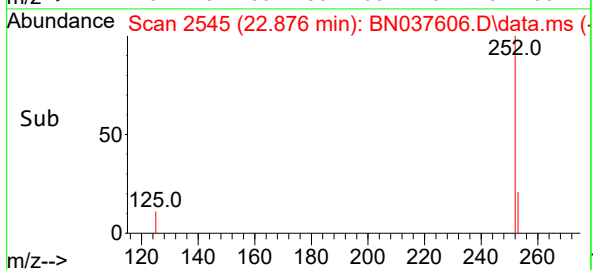
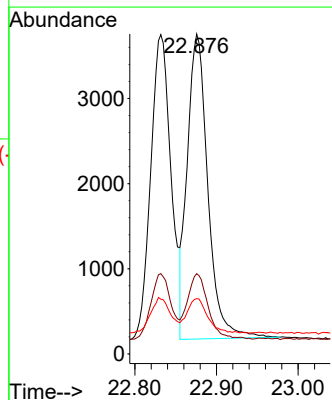
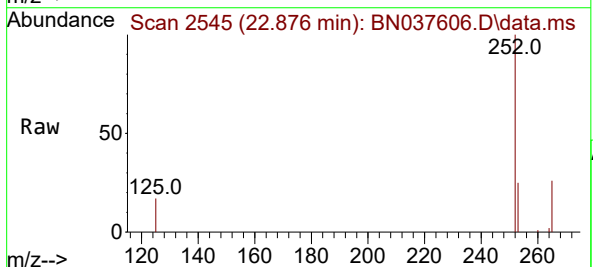
Manual Integrations
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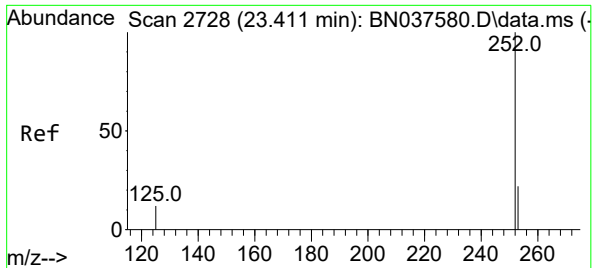
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#38
Benzo(k)fluoranthene
Concen: 0.373 ng
RT: 22.876 min Scan# 2545
Delta R.T. -0.006 min
Lab File: BN037606.D
Acq: 19 Aug 2025 14:17

Tgt Ion:252 Resp: 6279
Ion Ratio Lower Upper
252 100
253 25.1 19.9 29.9
125 17.3 15.0 22.6





#39

Benzo(a)pyrene

Concen: 0.415 ng

RT: 23.405 min Scan# 21

Delta R.T. -0.006 min

Lab File: BN037606.D

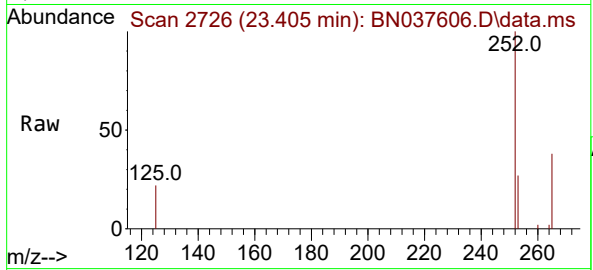
Acq: 19 Aug 2025 14:17

Instrument :

BNA_N

ClientSampleId :

MW-17B-55.5-08122025MSD



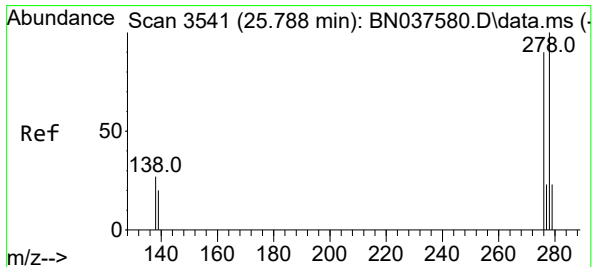
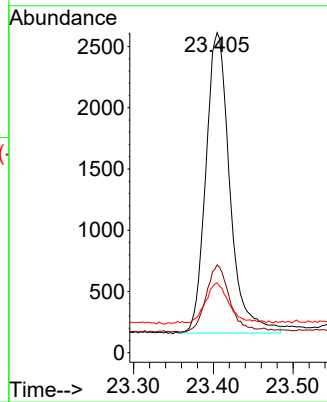
Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.4	21.6	32.4
125	21.9	16.8	25.2

Manual Integrations

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Reviewed By :Rahul Chavli 08/20/2025

Supervised By :Jagrut Upadhyay 08/20/2025



#40

Dibenzo(a,h)anthracene

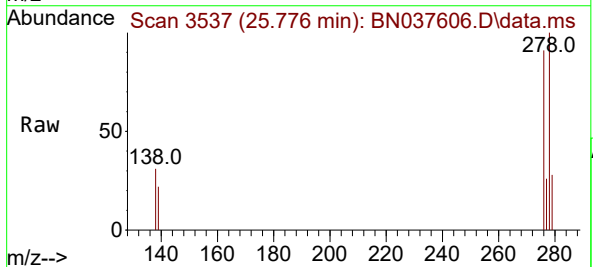
Concen: 0.369 ng

RT: 25.776 min Scan# 3537

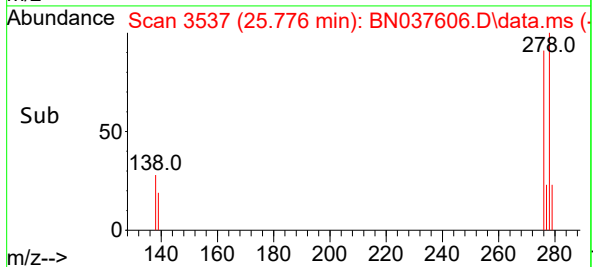
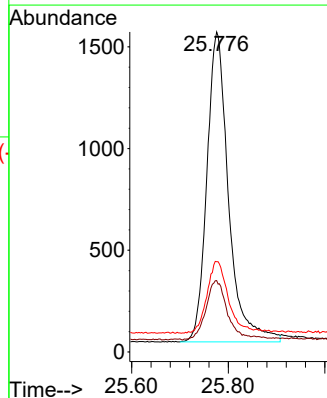
Delta R.T. -0.012 min

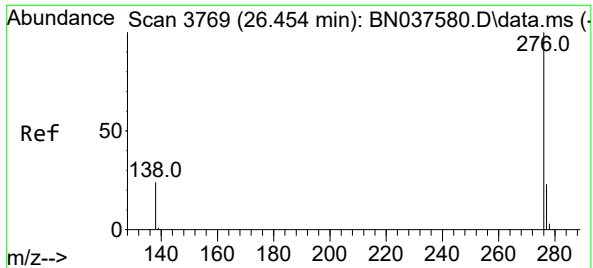
Lab File: BN037606.D

Acq: 19 Aug 2025 14:17



Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.3	18.3	27.5
279	28.2	22.5	33.7





#41

Benzo(g,h,i)perylene

Concen: 0.401 ng

RT: 26.445 min Scan# 31

Delta R.T. -0.009 min

Lab File: BN037606.D

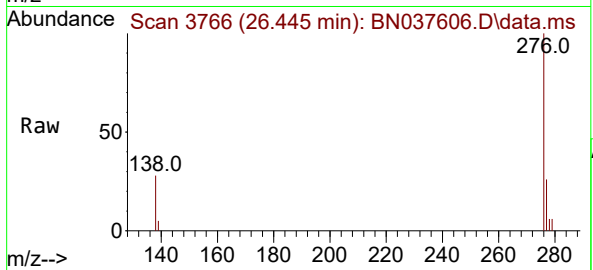
Acq: 19 Aug 2025 14:17

Instrument :

BNA_N

ClientSampleId :

MW-17B-55.5-08122025MSD



Tgt Ion:276 Resp: 543

Ion Ratio Lower Upper

276 100

277 26.2 21.0 31.4

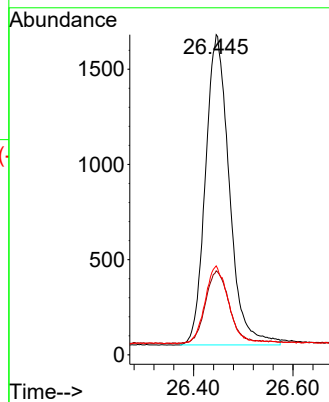
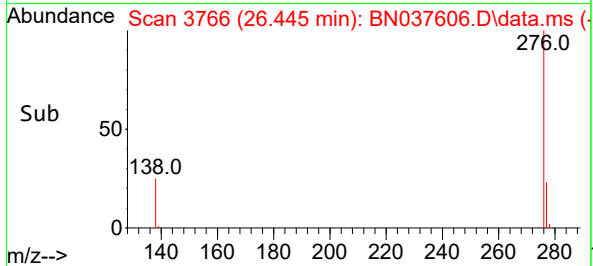
138 27.8 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/20/2025

Supervised By :Jagrut Upadhyay 08/20/2025





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

Manual Integration Report

Sequence:

BN081225

Instrument

BNA_n

Sample ID

File ID

Parameter

Review By

Review On

Supervised
By

Supervised On

Reason

Manual Integration Report

Sequence:

bn081925

Instrument

BNA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q2842-04MS	BN037605.D	2-Methylnaphthalene-d1 0	Rahul	8/20/2025 8:37:55 AM	Jagrut	8/20/2025 2:31:08 PM	Peak Integrated by Software
Q2842-05MSD	BN037606.D	2-Methylnaphthalene-d1 0	Rahul	8/20/2025 8:37:59 AM	Jagrut	8/20/2025 2:31:11 PM	Peak Integrated by Software
Q2869-01	BN037608.D	Chrysene	Rahul	8/20/2025 8:38:02 AM	Jagrut	8/20/2025 2:31:13 PM	Peak Integrated by Software

Instrument ID: **BNA_N**

Daily Analysis Runlog For Sequence/QC Batch ID # BN081225

Review By	Rahul	Review On	8/13/2025 11:25:23 AM
Supervise By	Jagrut	Supervise On	8/13/2025 11:26:50 AM
SubDirectory	BN081225	HP Acquire Method	BNA_N, 8270_SiM HP Processing Method bn081225
STD. NAME	STD REF.#		
Tune/Reschk	SP6757		
Initial Calibration Stds	SP6842,SP6843,SP6844,SP6845,SP6846,SP6847,SP6848		
CCC	SP6846		
Internal Standard/PEM	SP6830,1ul/100ul sample		
ICV/I.BLK	SP6854		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BN037576.D	12 Aug 2025 15:05	RC/JU	Ok
2	SSTDCCC0.4	BN037577.D	12 Aug 2025 15:49	RC/JU	Not Ok
3	SSTDICC0.1	BN037578.D	12 Aug 2025 16:26	RC/JU	Ok
4	SSTDICC0.2	BN037579.D	12 Aug 2025 17:03	RC/JU	Ok
5	SSTDICCC0.4	BN037580.D	12 Aug 2025 17:39	RC/JU	Ok
6	SSTDICC0.8	BN037581.D	12 Aug 2025 18:16	RC/JU	Ok
7	SSTDICC1.6	BN037582.D	12 Aug 2025 18:52	RC/JU	Ok
8	SSTDICC3.2	BN037583.D	12 Aug 2025 19:29	RC/JU	Ok
9	SSTDICC5.0	BN037584.D	12 Aug 2025 20:05	RC/JU	Ok
10	SSTDICV0.4	BN037585.D	12 Aug 2025 20:42	RC/JU	Ok
11	PB169094BL	BN037586.D	12 Aug 2025 21:55	RC/JU	Ok

M : Manual Integration

Instrument ID: **BNA_N**

Daily Analysis Runlog For Sequence/QC Batch ID # BN081925

Review By	Rahul	Review On	8/21/2025 3:02:23 PM
Supervise By	Jagrut	Supervise On	8/21/2025 5:56:51 PM
SubDirectory	BN081925	HP Acquire Method	BNA_N, 8270_SiM HP Processing Method bn081225
STD. NAME	STD REF.#		
Tune/Reschk	SP6757		
Initial Calibration Stds	SP6842,SP6843,SP6844,SP6845,SP6846,SP6847,SP6848		
CCC	SP6846		
Internal Standard/PEM	SP6830,1ul/100ul sample		
ICV/I.BLK	SP6854		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BN037599.D	19 Aug 2025 10:00	RC/JU	Ok
2	SSTDCCC0.4	BN037600.D	19 Aug 2025 10:39	RC/JU	Ok
3	PB169286BL	BN037601.D	19 Aug 2025 11:16	RC/JU	Not Ok
4	Q2842-01	BN037602.D	19 Aug 2025 11:52	RC/JU	Dilution
5	Q2842-02	BN037603.D	19 Aug 2025 12:28	RC/JU	Dilution
6	Q2842-03	BN037604.D	19 Aug 2025 13:04	RC/JU	Ok
7	Q2842-04MS	BN037605.D	19 Aug 2025 13:40	RC/JU	Ok,M
8	Q2842-05MSD	BN037606.D	19 Aug 2025 14:17	RC/JU	Ok,M
9	Q2842-06	BN037607.D	19 Aug 2025 14:53	RC/JU	Ok
10	Q2869-01	BN037608.D	19 Aug 2025 15:29	RC/JU	Dilution
11	Q2869-03	BN037609.D	19 Aug 2025 16:05	RC/JU	Ok
12	Q2869-04	BN037610.D	19 Aug 2025 16:42	RC/JU	Ok
13	Q2869-05	BN037611.D	19 Aug 2025 17:18	RC/JU	Ok
14	Q2869-07	BN037612.D	19 Aug 2025 17:54	RC/JU	Ok
15	Q2869-10	BN037613.D	19 Aug 2025 18:30	RC/JU	Ok
16	Q2878-01	BN037614.D	19 Aug 2025 19:07	RC/JU	Ok
17	Q2878-05	BN037615.D	19 Aug 2025 19:43	RC/JU	Dilution
18	SSTDCCC0.4	BN037616.D	19 Aug 2025 20:19	RC/JU	Ok
19	DFTPP	BN037617.D	20 Aug 2025 03:35	RC/JU	Ok
20	SSTDCCC0.4	BN037618.D	20 Aug 2025 04:14	RC/JU	Ok
21	PB169286BL	BN037619.D	20 Aug 2025 04:50	RC/JU	Ok

Instrument ID: **BNA_N**

Daily Analysis Runlog For Sequence/QC Batch ID # BN081925

Review By	Rahul	Review On	8/21/2025 3:02:23 PM
Supervise By	Jagrut	Supervise On	8/21/2025 5:56:51 PM
SubDirectory	BN081925	HP Acquire Method	BNA_N, 8270_SiM HP Processing Method bn081225
STD. NAME	STD REF.#		
Tune/Reschk	SP6757		
Initial Calibration Stds	SP6842,SP6843,SP6844,SP6845,SP6846,SP6847,SP6848		
CCC	SP6846		
Internal Standard/PEM	SP6830,1ul/100ul sample		
ICV/I.BLK	SP6854		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	Q2842-01DL	BN037620.D	20 Aug 2025 05:27	RC/JU	Ok
23	Q2842-02DL	BN037621.D	20 Aug 2025 06:03	RC/JU	Ok
24	Q2869-01DL	BN037622.D	20 Aug 2025 06:38	RC/JU	Ok
25	Q2881-01	BN037623.D	20 Aug 2025 07:13	RC/JU	Ok
26	Q2881-02	BN037624.D	20 Aug 2025 07:49	RC/JU	Ok
27	Q2882-01	BN037625.D	20 Aug 2025 08:25	RC/JU	Ok
28	Q2882-02	BN037626.D	20 Aug 2025 09:00	RC/JU	Ok
29	Q2882-03	BN037627.D	20 Aug 2025 09:37	RC/JU	Ok
30	Q2882-04	BN037628.D	20 Aug 2025 10:13	RC/JU	Ok
31	Q2878-05DL	BN037629.D	20 Aug 2025 10:49	RC/JU	Ok
32	PB169286BS	BN037630.D	20 Aug 2025 11:25	RC/JU	Ok
33	SSTDCCC0.4	BN037631.D	20 Aug 2025 14:56	RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QC Batch ID # BN081225

Review By	Rahul	Review On	8/13/2025 11:25:23 AM
Supervise By	Jagrut	Supervise On	8/13/2025 11:26:50 AM
SubDirectory	BN081225	HP Acquire Method	BNA_N, 8270_HP Processing Method bn081225

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6842,SP6843,SP6844,SP6845,SP6846,SP6847,SP6848
CCC	SP6846
Internal Standard/PEM	SP6830,1ul/100ul sample
ICV/I.BLK	SP6854
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BN037576.D	12 Aug 2025 15:05		RC/JU	Ok
2	SSTDCCC0.4	SSTDCCC0.4	BN037577.D	12 Aug 2025 15:49	A Fresh Calibration is required	RC/JU	Not Ok
3	SSTDICC0.1	SSTDICC0.1	BN037578.D	12 Aug 2025 16:26		RC/JU	Ok
4	SSTDICC0.2	SSTDICC0.2	BN037579.D	12 Aug 2025 17:03		RC/JU	Ok
5	SSTDICCC0.4	SSTDICCC0.4	BN037580.D	12 Aug 2025 17:39	Compound #20 kept on LR	RC/JU	Ok
6	SSTDICC0.8	SSTDICC0.8	BN037581.D	12 Aug 2025 18:16		RC/JU	Ok
7	SSTDICC1.6	SSTDICC1.6	BN037582.D	12 Aug 2025 18:52		RC/JU	Ok
8	SSTDICC3.2	SSTDICC3.2	BN037583.D	12 Aug 2025 19:29		RC/JU	Ok
9	SSTDICC5.0	SSTDICC5.0	BN037584.D	12 Aug 2025 20:05	Comp #20,23,24 removed from 5ppm	RC/JU	Ok
10	SSTDICV0.4	ICVBN081225	BN037585.D	12 Aug 2025 20:42		RC/JU	Ok
11	PB169094BL	PB169094BL	BN037586.D	12 Aug 2025 21:55		RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QC Batch ID # BN081925

Review By	Rahul	Review On	8/21/2025 3:02:23 PM
Supervise By	Jagrut	Supervise On	8/21/2025 5:56:51 PM
SubDirectory	BN081925	HP Acquire Method	BNA_N, 8270_HP Processing Method bn081225

STD. NAME	STD REF.#
Tune/Reschk Initial Calibration Stds	SP6757 SP6842, SP6843, SP6844, SP6845, SP6846, SP6847, SP6848
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	SP6846 SP6830, 1ul/100ul sample SP6854

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BN037599.D	19 Aug 2025 10:00		RC/JU	Ok
2	SSTDCCC0.4	SSTDCCC0.4	BN037600.D	19 Aug 2025 10:39		RC/JU	Ok
3	PB169286BL	PB169286BL	BN037601.D	19 Aug 2025 11:16	Not Used	RC/JU	Not Ok
4	Q2842-01	RMW-03B-90.4-081220	BN037602.D	19 Aug 2025 11:52	Need 2X.	RC/JU	Dilution
5	Q2842-02	RMW-02B-66.3-081220	BN037603.D	19 Aug 2025 12:28	Need 10X.	RC/JU	Dilution
6	Q2842-03	MW-17B-55.5-081220	BN037604.D	19 Aug 2025 13:04		RC/JU	Ok
7	Q2842-04MS	MW-17B-55.5-081220	BN037605.D	19 Aug 2025 13:40	Recovery fail very high , need noncon.	RC/JU	Ok,M
8	Q2842-05MSD	MW-17B-55.5-081220	BN037606.D	19 Aug 2025 14:17	Recovery fail very high , need noncon.	RC/JU	Ok,M
9	Q2842-06	MW-06-6.5-081220	BN037607.D	19 Aug 2025 14:53		RC/JU	Ok
10	Q2869-01	MW-19B-71.5-081325	BN037608.D	19 Aug 2025 15:29	Need 2X.	RC/JU	Dilution
11	Q2869-03	MW-01-6.5-081325	BN037609.D	19 Aug 2025 16:05		RC/JU	Ok
12	Q2869-04	MW-11A-13.5-081325	BN037610.D	19 Aug 2025 16:42		RC/JU	Ok
13	Q2869-05	MW-19B-71.5-081325	BN037611.D	19 Aug 2025 17:18		RC/JU	Ok
14	Q2869-07	EB01-081325	BN037612.D	19 Aug 2025 17:54		RC/JU	Ok
15	Q2869-10	EB02-081325	BN037613.D	19 Aug 2025 18:30		RC/JU	Ok
16	Q2878-01	MW-18B-57.5-081325	BN037614.D	19 Aug 2025 19:07		RC/JU	Ok
17	Q2878-05	MW-11A-37.5-081425	BN037615.D	19 Aug 2025 19:43	Need 20X.	RC/JU	Dilution

Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QC Batch ID # BN081925

Review By	Rahul	Review On	8/21/2025 3:02:23 PM
Supervise By	Jagrut	Supervise On	8/21/2025 5:56:51 PM
SubDirectory	BN081925	HP Acquire Method	BNA_N, 8270_HP Processing Method bn081225
STD. NAME	STD REF.#		
Tune/Reschk	SP6757		
Initial Calibration Stds	SP6842,SP6843,SP6844,SP6845,SP6846,SP6847,SP6848		
CCC	SP6846		
Internal Standard/PEM	SP6830,1ul/100ul sample		
ICV/I.BLK	SP6854		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

18	SSTDCCC0.4	SSTDCCC0.4EC	BN037616.D	19 Aug 2025 20:19		RC/JU	Ok
19	DFTPP	DFTPP	BN037617.D	20 Aug 2025 03:35		RC/JU	Ok
20	SSTDCCC0.4	SSTDCCC0.4	BN037618.D	20 Aug 2025 04:14		RC/JU	Ok
21	PB169286BL	PB169286BL	BN037619.D	20 Aug 2025 04:50		RC/JU	Ok
22	Q2842-01DL	RMW-03B-90.4-081220	BN037620.D	20 Aug 2025 05:27		RC/JU	Ok
23	Q2842-02DL	RMW-02B-66.3-081220	BN037621.D	20 Aug 2025 06:03		RC/JU	Ok
24	Q2869-01DL	MW-19B-71.5-081325D	BN037622.D	20 Aug 2025 06:38		RC/JU	Ok
25	Q2881-01	RW8-SP100-20250814	BN037623.D	20 Aug 2025 07:13		RC/JU	Ok
26	Q2881-02	RW8-SP303-20250814	BN037624.D	20 Aug 2025 07:49		RC/JU	Ok
27	Q2882-01	RW7-SP100-20250814	BN037625.D	20 Aug 2025 08:25		RC/JU	Ok
28	Q2882-02	RW7-SP201-20250814	BN037626.D	20 Aug 2025 09:00		RC/JU	Ok
29	Q2882-03	RW7-SP302-20250814	BN037627.D	20 Aug 2025 09:37		RC/JU	Ok
30	Q2882-04	RW7-SP303-20250814	BN037628.D	20 Aug 2025 10:13		RC/JU	Ok
31	Q2878-05DL	MW-11A-37.5-081425D	BN037629.D	20 Aug 2025 10:49		RC/JU	Ok
32	PB169286BS	PB169286BS	BN037630.D	20 Aug 2025 11:25		RC/JU	Ok
33	SSTDCCC0.4	SSTDCCC0.4EC	BN037631.D	20 Aug 2025 14:56		RC/JU	Ok

M : Manual Integration

SOP ID:	M3510C,3580A-Extraction SVOC-21		
Clean Up SOP #:	N/A	Extraction Start Date :	08/18/2025
Matrix :	Water	Extraction Start Time :	08:41
Weigh By:	N/A	Extraction By:	RS
Balance check:	N/A	Extraction End Date :	08/18/2025
Balance ID:	N/A	Filter By:	RJ
pH Strip Lot#:	E3953	Extraction End Time :	13:45
		Concentration By:	EH
		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	SP6855
Surrogate	1.0ML	0.4 PPM	SP6831
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	E3964
Baked Na2SO4	N/A	EP2632
10N NaoH	N/A	EP2609
H2SO4 1:1	N/A	EP2610
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
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

1.5 ML Vial lot# 2210443. pH Adjusted<2 with 1:1 H2SO4 &>11 with 10 N NaOH.

KD Bath ID:	WATER BATH-1,2	Envap ID:	NEVAP-02
KD Bath Temperature:	60 °C	Envap Temperature:	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
8/18/25	RS (Ext Lab)	RC/svoc
13:50	Preparation Group	Analysis Group

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

Concentration Date: 08/18/2025

Sample ID	Client Sample ID	Test	g / ¹ mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB169286BL	SBLK286	SVOC-SIMGrou p1	1000	6	RUPEsh	ritesh	1			SEP-1
PB169286BS	SLCS286	SVOC-SIMGrou p1	1000	6	RUPEsh	ritesh	1			2
Q2842-01	RMW-03B-90.4-08122025	SVOC-SIMGrou p1	910	6	RUPEsh	ritesh	1	E		3
Q2842-02	RMW-02B-66.3-08122025	SVOC-SIMGrou p1	970	6	RUPEsh	ritesh	1	E		4
Q2842-03	MW-17B-55.5-08122025	SVOC-SIMGrou p1	980	6	RUPEsh	ritesh	1	H		5
Q2842-04	Q2842-03MS	SVOC-SIMGrou p1	940	6	RUPEsh	ritesh	1	H		6
Q2842-05	Q2842-03MSD	SVOC-SIMGrou p1	960	6	RUPEsh	ritesh	1	H		7
Q2842-06	MW-06-6.5-08122025	SVOC-SIMGrou p1	970	6	RUPEsh	ritesh	1	B		8
Q2869-01	MW-19B-71.5-081325	SVOC-SIMGrou p1	930	6	RUPEsh	ritesh	1	G		9
Q2869-03	MW-01-6.5-081325	SVOC-SIMGrou p1	900	6	RUPEsh	ritesh	1	C		10
Q2869-04	MW-11A-13.5-081325	SVOC-SIMGrou p1	960	6	RUPEsh	ritesh	1	C		11
Q2869-05	MW-19B-71.5-081325-FD	SVOC-SIMGrou p1	960	6	RUPEsh	ritesh	1	G		12
Q2869-07	EB01-081325	SVOC-SIMGrou p1	940	6	RUPEsh	ritesh	1	G		13
Q2869-10	EB02-081325	SVOC-SIMGrou p1	1000	6	RUPEsh	ritesh	1	C		14
Q2878-01	MW-18B-57.5-081325	SVOC-SIMGrou p1	900	6	RUPEsh	ritesh	1	C		15
Q2878-05	MW-11A-37.5-081425	SVOC-SIMGrou p1	950	6	RUPEsh	ritesh	1	C		16
Q2881-01	RW8-SP100-2025814	SVOC-SIMGrou p1	1000	6	RUPEsh	ritesh	1	D		SEP-1
Q2881-02	RW8-SP303-20250814	SVOC-SIMGrou p1	1000	6	RUPEsh	ritesh	1	D		2
Q2882-01	RW7-SP100-20250814	SVOC-SIMGrou p1	1000	6	RUPEsh	ritesh	1			3
Q2882-02	RW7-SP201-20250814	SVOC-SIMGrou p1	1000	6	RUPEsh	ritesh	1			4
Q2882-03	RW7-SP302-20250814	SVOC-SIMGrou p1	910	6	RUPEsh	ritesh	1			5
Q2882-04	RW7-SP303-20250814	SVOC-SIMGrou p1	940	6	RUPEsh	ritesh	1			6

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2842 WorkList ID : 191325 Department : Extraction Date : 08-18-2025 08:35:56

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2842-01	RMW-03B-90.4-081225	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	J32	08/12/2025	8270-Modified
Q2842-02	RMW-02B-66.3-081225	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	J32	08/12/2025	8270-Modified
Q2842-03	MW-17B-55.5-081225	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	J32	08/12/2025	8270-Modified
Q2842-04	Q2842-03MS	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	J32	08/12/2025	8270-Modified
Q2842-05	Q2842-03MSD	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	J32	08/12/2025	8270-Modified
Q2842-06	MW-06-6.5-081225	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	J32	08/12/2025	8270-Modified
Q2869-01	MW-19B-71.5-081325	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	J31	08/13/2025	8270-Modified
Q2869-03	MW-01-6.5-081325	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	J31	08/13/2025	8270-Modified
Q2869-04	MW-11A-13.5-081325	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	J31	08/13/2025	8270-Modified
Q2869-05	MW-19B-71.5-081325-FD	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	J31	08/13/2025	8270-Modified
Q2869-07	EB01-081325	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	J31	08/13/2025	8270-Modified
Q2869-10	EB02-081325	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	J31	08/13/2025	8270-Modified
Q2878-01	MW-18B-57.5-081325	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	J31	08/13/2025	8270-Modified
Q2878-05	MW-11A-37.5-081425	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	D31	08/14/2025	8270-Modified
Q2881-01	RW8-SP100-2025814	Water	SVOC-SIMGroup1	Cool 4 deg C	TETR06	J32	08/14/2025	8270-Modified
Q2881-02	RW8-SP303-20250814	Water	SVOC-SIMGroup1	Cool 4 deg C	TETR06	J32	08/14/2025	8270-Modified
Q2882-01	RW7-SP100-20250814	Water	SVOC-SIMGroup1	Cool 4 deg C	TETR06	J31	08/14/2025	8270-Modified
Q2882-02	RW7-SP201-20250814	Water	SVOC-SIMGroup1	Cool 4 deg C	TETR06	J31	08/14/2025	8270-Modified
Q2882-03	RW7-SP302-20250814	Water	SVOC-SIMGroup1	Cool 4 deg C	TETR06	J31	08/14/2025	8270-Modified
Q2882-04	RW7-SP303-20250814	Water	SVOC-SIMGroup1	Cool 4 deg C	TETR06	J31	08/14/2025	8270-Modified

Date/Time 8/18/25 8:36
 Raw Sample Received by: RS (Ex- Lab)
 Raw Sample Relinquished by: JAL SM

Date/Time 8/18/25 9:10
 Raw Sample Received by: JAL SM
 Raw Sample Relinquished by: RS (Ex- Lab)

LAB CHRONICLE

OrderID:	Q2869	OrderDate:	8/14/2025 9:15:00 AM
Client:	JACOBS Engineering Group, Inc.	Project:	Former Schlumberger STC PTC Site D3868221
Contact:	John Ynfante	Location:	J31,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2869-01	MW-19B-71.5-081325	Water	SVOC-SIMGroup1	8270-Modified	08/13/25	08/18/25	08/19/25	08/13/25
Q2869-01DL	MW-19B-71.5-081325 DL	Water			08/13/25			08/13/25
			SVOC-SIMGroup1	8270-Modified		08/18/25	08/20/25	
Q2869-03	MW-01-6.5-081325	Water	SVOC-SIMGroup1	8270-Modified	08/13/25	08/18/25	08/19/25	08/13/25
Q2869-04	MW-11A-13.5-081325	Water			08/13/25			08/13/25
			SVOC-SIMGroup1	8270-Modified		08/18/25	08/19/25	
Q2869-05	MW-19B-71.5-081325 -FD	Water	SVOC-SIMGroup1	8270-Modified	08/13/25	08/18/25	08/19/25	08/13/25
Q2869-07	EB01-081325	Water	SVOC-SIMGroup1	8270-Modified	08/13/25	08/18/25	08/19/25	08/13/25
Q2869-10	EB02-081325	Water	SVOC-SIMGroup1	8270-Modified	08/13/25	08/18/25	08/19/25	08/13/25