



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

Hit Summary Sheet SW-846

SDG No.: Q3584
Client: Remington & Vernick Engineers

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : EB-2								
Q3584-04	EB-2	WATER	1,4-Dioxane	0.070	J	0.07	0.2	ug/L
			Total Svoc :			0.07		
			Total Concentration:			0.07		
Client ID : FB-2								
Q3584-05	FB-2	WATER	1,4-Dioxane	0.100	J	0.07	0.2	ug/L
			Total Svoc :			0.10		
			Total Concentration:			0.10		
Client ID : SEEP-1								
Q3584-07	SEEP-1	WATER	1,4-Dioxane	11.300	E	0.07	0.2	ug/L
			Total Svoc :			11.30		
			Total Concentration:			11.30		
Client ID : SEEP-1DL								
Q3584-07DL	SEEP-1DL	WATER	1,4-Dioxane	10.500	D	0.33	1	ug/L
			Total Svoc :			10.50		
			Total Concentration:			10.50		



SAMPLE DATA

Report of Analysis

Client: Remington & Vernick Engineers	Date Collected: 11/06/25	
Project: Edison Landfill	Date Received: 11/07/25	
Client Sample ID: SW-1	SDG No.: Q3584	
Lab Sample ID: Q3584-01	Matrix: Water	
Analytical Method: SW8270ESIM Level: LOW	% Solid: 0	
Sample Wt/Vol: 1000 mL Final Vol: 1000 uL	Test: SVOC-SIMGroup1	
Prep Method : 3510C Prep Date: 11/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
123-91-1	1,4-Dioxane	0.070	U	1	0.070	0.20	ug/L	11/12/25 12:32	PB170483
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.28			30 (47) - 150 (106)	69%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.32			30 (54) - 150 (157)	80%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.30			30 (56) - 130 (116)	75%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.30			30 (50) - 130 (126)	75%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.53	*		30 (54) - 130 (175)	133%	SPK: 0.4		
INTERNAL STANDARDS		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	8890							
1146-65-2	Naphthalene-d8	28300							
15067-26-2	Acenaphthene-d10	16600							
1517-22-2	Phenanthrene-d10	28500							
1719-03-5	Chrysene-d12	16700							
1520-96-3	Perylene-d12	16200							

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: Remington & Vernick Engineers	Date Collected: 11/07/25	
Project: Edison Landfill	Date Received: 11/07/25	
Client Sample ID: SW-2	SDG No.: Q3584	
Lab Sample ID: Q3584-02	Matrix: Water	
Analytical Method: SW8270ESIM Level: LOW	% Solid: 0	
Sample Wt/Vol: 1000 mL Final Vol: 1000 uL	Test: SVOC-SIMGroup1	
Prep Method : 3510C Prep Date: 11/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
123-91-1	1,4-Dioxane	0.070	U	1	0.070	0.20	ug/L	11/12/25 14:21	PB170483
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.26			30 (47) - 150 (106)	66%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.30			30 (54) - 150 (157)	75%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.28			30 (56) - 130 (116)	70%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.27			30 (50) - 130 (126)	68%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.52			30 (54) - 130 (175)	130%	SPK: 0.4		
INTERNAL STANDARDS		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	8720							
1146-65-2	Naphthalene-d8	27800							
15067-26-2	Acenaphthene-d10	16500							
1517-22-2	Phenanthrene-d10	29800							
1719-03-5	Chrysene-d12	16700							
1520-96-3	Perylene-d12	15600							

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: Remington & Vernick Engineers	Date Collected: 11/07/25	
Project: Edison Landfill	Date Received: 11/07/25	
Client Sample ID: SW-3	SDG No.: Q3584	
Lab Sample ID: Q3584-03	Matrix: Water	
Analytical Method: SW8270ESIM Level: LOW	% Solid: 0	
Sample Wt/Vol: 1000 mL Final Vol: 1000 uL	Test: SVOC-SIMGroup1	
Prep Method : 3510C Prep Date: 11/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
123-91-1	1,4-Dioxane	0.070	U	1	0.070	0.20	ug/L	11/12/25 13:45	PB170483
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.28			30 (47) - 150 (106)	69%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.31			30 (54) - 150 (157)	78%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.31			30 (56) - 130 (116)	78%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.30			30 (50) - 130 (126)	75%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.51			30 (54) - 130 (175)	128%	SPK: 0.4		
INTERNAL STANDARDS		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	7950							
1146-65-2	Naphthalene-d8	25900							
15067-26-2	Acenaphthene-d10	15100							
1517-22-2	Phenanthrene-d10	26400							
1719-03-5	Chrysene-d12	15400							
1520-96-3	Perylene-d12	15000							

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: Remington & Vernick Engineers	Date Collected: 11/06/25	
Project: Edison Landfill	Date Received: 11/07/25	
Client Sample ID: EB-2	SDG No.: Q3584	
Lab Sample ID: Q3584-04	Matrix: Water	
Analytical Method: SW8270ESIM Level: LOW	% Solid: 0	
Sample Wt/Vol: 990 mL Final Vol: 1000 uL	Test: SVOC-SIMGroup1	
Prep Method : 3510C Prep Date: 11/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
123-91-1	1,4-Dioxane	0.070	J	1	0.070	0.20	ug/L	11/12/25 14:58	PB170483
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.31			30 (47) - 150 (106)	77%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.34			30 (54) - 150 (157)	84%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.34			30 (56) - 130 (116)	84%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.33			30 (50) - 130 (126)	82%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.54	*		30 (54) - 130 (175)	136%	SPK: 0.4		
INTERNAL STANDARDS		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	7970							
1146-65-2	Naphthalene-d8	24600							
15067-26-2	Acenaphthene-d10	14300							
1517-22-2	Phenanthrene-d10	23400							
1719-03-5	Chrysene-d12	13700							
1520-96-3	Perylene-d12	13500							

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: Remington & Vernick Engineers	Date Collected: 11/07/25	
Project: Edison Landfill	Date Received: 11/07/25	
Client Sample ID: FB-2	SDG No.: Q3584	
Lab Sample ID: Q3584-05	Matrix: Water	
Analytical Method: SW8270ESIM Level: LOW	% Solid: 0	
Sample Wt/Vol: 980 mL Final Vol: 1000 uL	Test: SVOC-SIMGroup1	
Prep Method : 3510C Prep Date: 11/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
123-91-1	1,4-Dioxane	0.10	J	1	0.070	0.20	ug/L	11/12/25 15:34	PB170483
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.34			30 (47) - 150 (106)	84%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.35			30 (54) - 150 (157)	87%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.37			30 (56) - 130 (116)	93%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.39			30 (50) - 130 (126)	97%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.54	*		30 (54) - 130 (175)	135%	SPK: 0.4		
INTERNAL STANDARDS		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	7530							
1146-65-2	Naphthalene-d8	22800							
15067-26-2	Acenaphthene-d10	12600							
1517-22-2	Phenanthrene-d10	19700							
1719-03-5	Chrysene-d12	13000							
1520-96-3	Perylene-d12	12900							

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: Remington & Vernick Engineers	Date Collected: 11/07/25	
Project: Edison Landfill	Date Received: 11/07/25	
Client Sample ID: SEEP-1	SDG No.: Q3584	
Lab Sample ID: Q3584-07	Matrix: Water	
Analytical Method: SW8270ESIM Level: LOW	% Solid: 0	
Sample Wt/Vol: 1000 mL Final Vol: 1000 uL	Test: SVOC-SIMGroup1	
Prep Method : 3510C Prep Date: 11/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
123-91-1	1,4-Dioxane	11.3	E	1	0.070	0.20	ug/L	11/13/25 13:27	PB170483
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.29			30 (47) - 150 (106)	72%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.25			30 (54) - 150 (157)	62%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.30			30 (56) - 130 (116)	75%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.26			30 (50) - 130 (126)	65%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.31			30 (54) - 130 (175)	77%	SPK: 0.4		
INTERNAL STANDARDS		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	539000							
1146-65-2	Naphthalene-d8	1790000							
15067-26-2	Acenaphthene-d10	1020000							
1517-22-2	Phenanthrene-d10	1650000							
1719-03-5	Chrysene-d12	1150000							
1520-96-3	Perylene-d12	1250000							

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: Remington & Vernick Engineers	Date Collected: 11/07/25	
Project: Edison Landfill	Date Received: 11/07/25	
Client Sample ID: SEEP-1DL	SDG No.: Q3584	
Lab Sample ID: Q3584-07DL	Matrix: Water	
Analytical Method: SW8270ESIM Level: LOW	% Solid: 0	
Sample Wt/Vol: 1000 mL Final Vol: 1000 uL	Test: SVOC-SIMGroup1	
Prep Method : 3510C Prep Date: 11/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
123-91-1	1,4-Dioxane	10.5	D	5	0.33	1.00	ug/L	11/13/25 15:52	PB170483
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.28			30 (47) - 150 (106)	69%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.24			30 (54) - 150 (157)	59%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.27			30 (56) - 130 (116)	66%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.26			30 (50) - 130 (126)	64%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.34			30 (54) - 130 (175)	84%	SPK: 0.4		
INTERNAL STANDARDS		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	110000							
1146-65-2	Naphthalene-d8	385000							
15067-26-2	Acenaphthene-d10	237000							
1517-22-2	Phenanthrene-d10	446000							
1719-03-5	Chrysene-d12	279000							
1520-96-3	Perylene-d12	242000							

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products



QC SUMMARY

Surrogate Summary

SW-846

SDG No.: **Q3584**

Client: **Remington & Vernick Engineers**

Analytical Method: **8270-Modified**

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
PB170483BL	PB170483BL	2-Methylnaphthalene-d10	0.4	0.35	87		30 (47)	150 (106)
		Fluoranthene-d10	0.4	0.34	86		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.37	92		30 (56)	130 (116)
		2-Fluorobiphenyl	0.4	0.37	92		30 (50)	130 (126)
		Terphenyl-d14	0.4	0.46	116		30 (54)	130 (175)
PB170483BS	PB170483BS	2-Methylnaphthalene-d10	0.4	0.36	91		30 (47)	150 (106)
		Fluoranthene-d10	0.4	0.33	83		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.37	93		30 (56)	130 (116)
		2-Fluorobiphenyl	0.4	0.37	93		30 (50)	130 (126)
		Terphenyl-d14	0.4	0.43	108		30 (54)	130 (175)
PB170483BSD	PB170483BSD	2-Methylnaphthalene-d10	0.4	0.37	93		30 (47)	150 (106)
		Fluoranthene-d10	0.4	0.28	69		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.36	90		30 (56)	130 (116)
		2-Fluorobiphenyl	0.4	0.38	95		30 (50)	130 (126)
		Terphenyl-d14	0.4	0.41	101		30 (54)	130 (175)
Q3584-01	SW-1	2-Methylnaphthalene-d10	0.4	0.28	69		30 (47)	150 (106)
		Fluoranthene-d10	0.4	0.32	80		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.30	75		30 (56)	130 (116)
		2-Fluorobiphenyl	0.4	0.30	75		30 (50)	130 (126)
		Terphenyl-d14	0.4	0.53	133	*	30 (54)	130 (175)
Q3584-02	SW-2	2-Methylnaphthalene-d10	0.4	0.26	66		30 (47)	150 (106)
		Fluoranthene-d10	0.4	0.30	75		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.28	70		30 (56)	130 (116)
		2-Fluorobiphenyl	0.4	0.27	68		30 (50)	130 (126)
		Terphenyl-d14	0.4	0.52	130		30 (54)	130 (175)
Q3584-03	SW-3	2-Methylnaphthalene-d10	0.4	0.28	69		30 (47)	150 (106)
		Fluoranthene-d10	0.4	0.31	78		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.31	78		30 (56)	130 (116)
		2-Fluorobiphenyl	0.4	0.30	75		30 (50)	130 (126)
		Terphenyl-d14	0.4	0.51	128		30 (54)	130 (175)
Q3584-04	EB-2	2-Methylnaphthalene-d10	0.4	0.31	77		30 (47)	150 (106)
		Fluoranthene-d10	0.4	0.34	84		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.34	84		30 (56)	130 (116)
		2-Fluorobiphenyl	0.4	0.33	82		30 (50)	130 (126)
		Terphenyl-d14	0.4	0.54	136	*	30 (54)	130 (175)
Q3584-05	FB-2	2-Methylnaphthalene-d10	0.4	0.34	84		30 (47)	150 (106)
		Fluoranthene-d10	0.4	0.35	87		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.37	93		30 (56)	130 (116)
		2-Fluorobiphenyl	0.4	0.39	97		30 (50)	130 (126)
		Terphenyl-d14	0.4	0.54	135	*	30 (54)	130 (175)
Q3584-07	SEEP-1	2-Methylnaphthalene-d10	0.4	0.29	72		30 (47)	150 (106)
		Fluoranthene-d10	0.4	0.25	62		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.30	75		30 (56)	130 (116)
		2-Fluorobiphenyl	0.4	0.26	65		30 (50)	130 (126)
		Terphenyl-d14	0.4	0.31	77		30 (54)	130 (175)
Q3584-07DL	SEEP-1DL	2-Methylnaphthalene-d10	0.4	0.28	69		30 (47)	150 (106)
		Fluoranthene-d10	0.4	0.24	59		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.27	66		30 (56)	130 (116)
		2-Fluorobiphenyl	0.4	0.26	64		30 (50)	130 (126)
		Terphenyl-d14	0.4	0.34	84		30 (54)	130 (175)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3584

Analytical Method: 8270-Modified

Client: Remington & Vernick Engineers

DataFile: BN038185.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB170483BS	1,4-Dioxane	0.4	0.32	ug/L	80				20 (65)	160 (116)	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3584

Analytical Method: 8270-Modified

Client: Remington & Vernick Engineers

DataFile: BN038186.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		
								Qual	Low	High	RPD
PB170483BSD	1,4-Dioxane	0.4	0.31	ug/L	78	3			20 (65)	160 (116)	20 (27)

4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID

PB170483BL

Lab Name: Alliance

Contract: REMI02

Lab Code: ACE

SDG NO.: Q3584

Lab File ID: BN038184.D

Lab Sample ID: PB170483BL

Instrument ID: BNA_N

Date Extracted: 11/11/2025

Matrix: (soil/water) Water

Date Analyzed: 11/12/2025

Level: (low/med) LOW

Time Analyzed: 10:07

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB170483BS	PB170483BS	BN038185.D	11/12/2025
PB170483BSD	PB170483BSD	BN038186.D	11/12/2025
SW-1	Q3584-01	BN038188.D	11/12/2025
SW-3	Q3584-03	BN038190.D	11/12/2025
SW-2	Q3584-02	BN038191.D	11/12/2025
EB-2	Q3584-04	BN038192.D	11/12/2025
FB-2	Q3584-05	BN038193.D	11/12/2025
SEEP-1	Q3584-07	BN038200.D	11/13/2025

COMMENTS: _____

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

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

Contract: REMI02
SDG NO.: Q3584
DFTPP Injection Date: 10/28/2025
DFTPP Injection Time: 12:05

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

1-Value is % mass 69

2-Value is % mass 442

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

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

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BN038182.D
Instrument ID: BNA_N

Contract: REMI02
SDG NO.: Q3584
DFTPP Injection Date: 11/12/2025
DFTPP Injection Time: 08:52

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.7 (1.9) 1
69	Mass 69 relative abundance	37.8
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	7.1
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	13.1
442	Greater than 50% of mass 198	84.1
443	15.0 - 24.0% of mass 442	15.7 (18.6) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC0.4	SSTDCCC0.4	BN038183.D	11/12/2025	09:31
PB170483BL	PB170483BL	BN038184.D	11/12/2025	10:07
PB170483BS	PB170483BS	BN038185.D	11/12/2025	10:44
PB170483BSD	PB170483BSD	BN038186.D	11/12/2025	11:20
SW-1	Q3584-01	BN038188.D	11/12/2025	12:32
SW-3	Q3584-03	BN038190.D	11/12/2025	13:45
SW-2	Q3584-02	BN038191.D	11/12/2025	14:21
EB-2	Q3584-04	BN038192.D	11/12/2025	14:58
FB-2	Q3584-05	BN038193.D	11/12/2025	15:34

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BN038197.D
Instrument ID: BNA_N

Contract: REMI02
SDG NO.: Q3584
DFTPP Injection Date: 11/13/2025
DFTPP Injection Time: 11:34

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.4 (1) 1
69	Mass 69 relative abundance	37.3
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	3.4
441	Present, but less than mass 443	14.5
442	Greater than 50% of mass 198	87.2
443	15.0 - 24.0% of mass 442	17 (19.5) 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	BN038198.D	11/13/2025	12:14
SEEP-1	Q3584-07	BN038200.D	11/13/2025	13:27
SEEP-1DL	Q3584-07DL	BN038201.D	11/13/2025	15:52

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3584

Client ID : SSTDCCC0.4

Date Analyzed: 11/12/2025

Lab File ID: BN038183.D

Time Analyzed: 09:31

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	9292	7.768	28984	10.57	16601	14.43
UPPER LIMIT	18584	8.268	57968	11.073	33202	14.93
LOWER LIMIT	4646	7.268	14492	10.073	8300.5	13.93
EPA SAMPLE NO.						
01 PB170483BL	9479	7.77	27842	10.57	15234	14.43
02 PB170483BS	11079	7.77	33638	10.57	18281	14.43
03 PB170483BSD	9171	7.78	26214	10.57	13453	14.43
04 SW-1	8885	7.77	28328	10.57	16595	14.43
05 SW-2	8717	7.77	27838	10.57	16503	14.43
06 SW-3	7952	7.77	25886	10.57	15079	14.43
07 EB-2	7967	7.78	24614	10.57	14329	14.43
08 FB-2	7532	7.77	22809	10.57	12555	14.43

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3584

Client ID: SSTDCCC0.4

Date Analyzed: 11/12/2025

Lab File ID: BN038183.D

Time Analyzed: 09:31

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	31060	17.186	20792	21.375	18070	23.683
UPPER LIMIT	62120	17.686	41584	21.875	36140	24.183
LOWER LIMIT	15530	16.686	10396	20.875	9035	23.183
EPA SAMPLE NO.						
01 PB170483BL	28458	17.19	18990	21.38	17381	23.69
02 PB170483BS	33841	17.19	23862	21.38	21641	23.68
03 PB170483BSD	20310	17.19	12107	21.38	12660	23.68
04 SW-1	28494	17.19	16713	21.38	16215	23.68
05 SW-2	29773	17.19	16736	21.38	15603	23.68
06 SW-3	26367	17.19	15382	21.38	14958	23.68
07 EB-2	23415	17.19	13728	21.38	13529	23.68
08 FB-2	19699	17.19	13022	21.38	12879	23.69

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3584

Client ID : SSTDCCC0.4

Date Analyzed: 11/13/2025

Lab File ID: BN038198.D

Time Analyzed: 12:14

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	10040	7.768	31592	10.57	18577	14.43
UPPER LIMIT	20080	8.268	63184	11.073	37154	14.93
LOWER LIMIT	5020	7.268	15796	10.073	9288.5	13.93
EPA SAMPLE NO.						
01 SEEP-1	538910 *	7.77	1785290 *	10.57	1021410 *	14.43
02 SEEP-1DL	110160 *	7.78	385141 *	10.58	236632 *	14.44

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.: Q3584

Client ID: SSTDCCC0.4

Date Analyzed: 11/13/2025

Lab File ID: BN038198.D

Time Analyzed: 12:14

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	34361	17.186	21808	21.376	18964	23.683
UPPER LIMIT	68722	17.686	43616	21.876	37928	24.183
LOWER LIMIT	17180.5	16.686	10904	20.876	9482	23.183
EPA SAMPLE NO.						
01 SEEP-1	1654430*	17.19	1150690 *	21.38	1246820 *	23.68
02 SEEP-1DL	445927 *	17.19	278772 *	21.38	242288 *	23.69

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.



QC SAMPLE DATA

Report of Analysis

Client: Remington & Vernick Engineers	Date Collected:	
Project: Edison Landfill	Date Received:	
Client Sample ID: PB170483BL	SDG No.:	Q3584
Lab Sample ID: PB170483BL	Matrix:	Water
Analytical Method: SW8270ESIM Level: LOW	% Solid:	0
Sample Wt/Vol: 1000 mL Final Vol: 1000 uL	Test:	SVOC-SIMGroup1
Prep Method : 3510C Prep Date: 11/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
123-91-1	1,4-Dioxane	0.070	U	1	0.070	0.20	ug/L	11/12/25 10:07	PB170483
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.35			30 (47) - 150 (106)	87%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.34			30 (54) - 150 (157)	86%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.37			30 (56) - 130 (116)	92%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.37			30 (50) - 130 (126)	92%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.46			30 (54) - 130 (175)	116%	SPK: 0.4		
INTERNAL STANDARDS		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	9480							
1146-65-2	Naphthalene-d8	27800							
15067-26-2	Acenaphthene-d10	15200							
1517-22-2	Phenanthrene-d10	28500							
1719-03-5	Chrysene-d12	19000							
1520-96-3	Perylene-d12	17400							

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: Remington & Vernick Engineers	Date Collected:	
Project: Edison Landfill	Date Received:	
Client Sample ID: PB170483BS	SDG No.:	Q3584
Lab Sample ID: PB170483BS	Matrix:	Water
Analytical Method: SW8270ESIM Level: LOW	% Solid:	0
Sample Wt/Vol: 1000 mL Final Vol: 1000 uL	Test:	SVOC-SIMGroup1
Prep Method : 3510C Prep Date: 11/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
123-91-1	1,4-Dioxane	0.32		1	0.070	0.20	ug/L	11/12/25 10:44	PB170483
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.36			30 (47) - 150 (106)	91%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.33			30 (54) - 150 (157)	83%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.37			30 (56) - 130 (116)	93%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.37			30 (50) - 130 (126)	93%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.43			30 (54) - 130 (175)	108%	SPK: 0.4		
INTERNAL STANDARDS		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	11100							
1146-65-2	Naphthalene-d8	33600							
15067-26-2	Acenaphthene-d10	18300							
1517-22-2	Phenanthrene-d10	33800							
1719-03-5	Chrysene-d12	23900							
1520-96-3	Perylene-d12	21600							

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: Remington & Vernick Engineers	Date Collected:	
Project: Edison Landfill	Date Received:	
Client Sample ID: PB170483BSD	SDG No.:	Q3584
Lab Sample ID: PB170483BSD	Matrix:	Water
Analytical Method: SW8270ESIM Level: LOW	% Solid:	0
Sample Wt/Vol: 1000 mL Final Vol: 1000 uL	Test:	SVOC-SIMGroup1
Prep Method : 3510C Prep Date: 11/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
123-91-1	1,4-Dioxane	0.31		1	0.070	0.20	ug/L	11/12/25 11:20	PB170483
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.37			30 (47) - 150 (106)	93%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.28			30 (54) - 150 (157)	69%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.36			30 (56) - 130 (116)	90%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.38			30 (50) - 130 (126)	95%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.41			30 (54) - 130 (175)	101%	SPK: 0.4		
INTERNAL STANDARDS		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	9170							
1146-65-2	Naphthalene-d8	26200							
15067-26-2	Acenaphthene-d10	13500							
1517-22-2	Phenanthrene-d10	20300							
1719-03-5	Chrysene-d12	12100							
1520-96-3	Perylene-d12	12700							

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products



CALIBRATION SUMMARY

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

Calibration Files

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

Compound	0.1	0.2	0.4	0.8	1.6	3.2	5	Avg	%RSD

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

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

Method File : 8270-SIM-BN102825.M

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

(#) = Out of Range

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>REMI02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3584</u>
Instrument ID:	<u>BNA_N</u>	Calibration Date/Time:	<u>11/12/2025 09:31</u>
Lab File ID:	<u>BN038183.D</u>	Init. Calib. Date(s):	<u>10/28/2025 10/28/2025</u>
EPA Sample No.:	<u>SSTDCCC0.4</u>	Init. Calib. Time(s):	<u>13:00 16:38</u>
GC Column:	<u>ZB-GR</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF0.4	MIN RRF	%D	MAX%D
2-Methylnaphthalene-d10	0.571	0.558		-2.3	20.0
Fluoranthene-d10	1.008	0.917		-9.0	20.0
2-Fluorophenol	0.943	0.939		-0.4	20.0
Phenol-d6	1.148	1.155		0.6	20.0
Nitrobenzene-d5	0.323	0.321		-0.6	20.0
2-Fluorobiphenyl	1.602	1.475		-7.9	20.0
2,4,6-Tribromophenol	0.165	0.138		-16.4	20.0
Terphenyl-d14	0.869	0.919		5.8	20.0
1,4-Dioxane	0.416	0.395		-5.0	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>REMI02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3584</u>
Instrument ID:	<u>BNA_N</u>	Calibration Date/Time:	<u>11/13/2025 12:14</u>
Lab File ID:	<u>BN038198.D</u>	Init. Calib. Date(s):	<u>10/28/2025 10/28/2025</u>
EPA Sample No.:	<u>SSTDCCC0.4</u>	Init. Calib. Time(s):	<u>13:00 16:38</u>
GC Column:	<u>ZB-GR</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF0.4	MIN RRF	%D	MAX%D
2-Methylnaphthalene-d10	0.571	0.565		-1.1	20.0
Fluoranthene-d10	1.008	0.896		-11.1	20.0
2-Fluorophenol	0.943	0.943		0.0	20.0
Phenol-d6	1.148	1.185		3.2	20.0
Nitrobenzene-d5	0.323	0.323		0.0	20.0
2-Fluorobiphenyl	1.602	1.471		-8.2	20.0
2,4,6-Tribromophenol	0.165	0.139		-15.8	20.0
Terphenyl-d14	0.869	0.962		10.7	20.0
1,4-Dioxane	0.416	0.390		-6.3	20.0

All other compounds must meet a minimum RRF of 0.010.



SAMPLE RAW DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111225\
 Data File : BN038188.D
 Acq On : 12 Nov 2025 12:32
 Operator : RC/JU
 Sample : Q3584-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SW-1

A
B
C
D
E
F
G
H
I
J
K

Quant Time: Nov 12 12:56:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 29 13:09:46 2025
 Response via : Initial Calibration

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

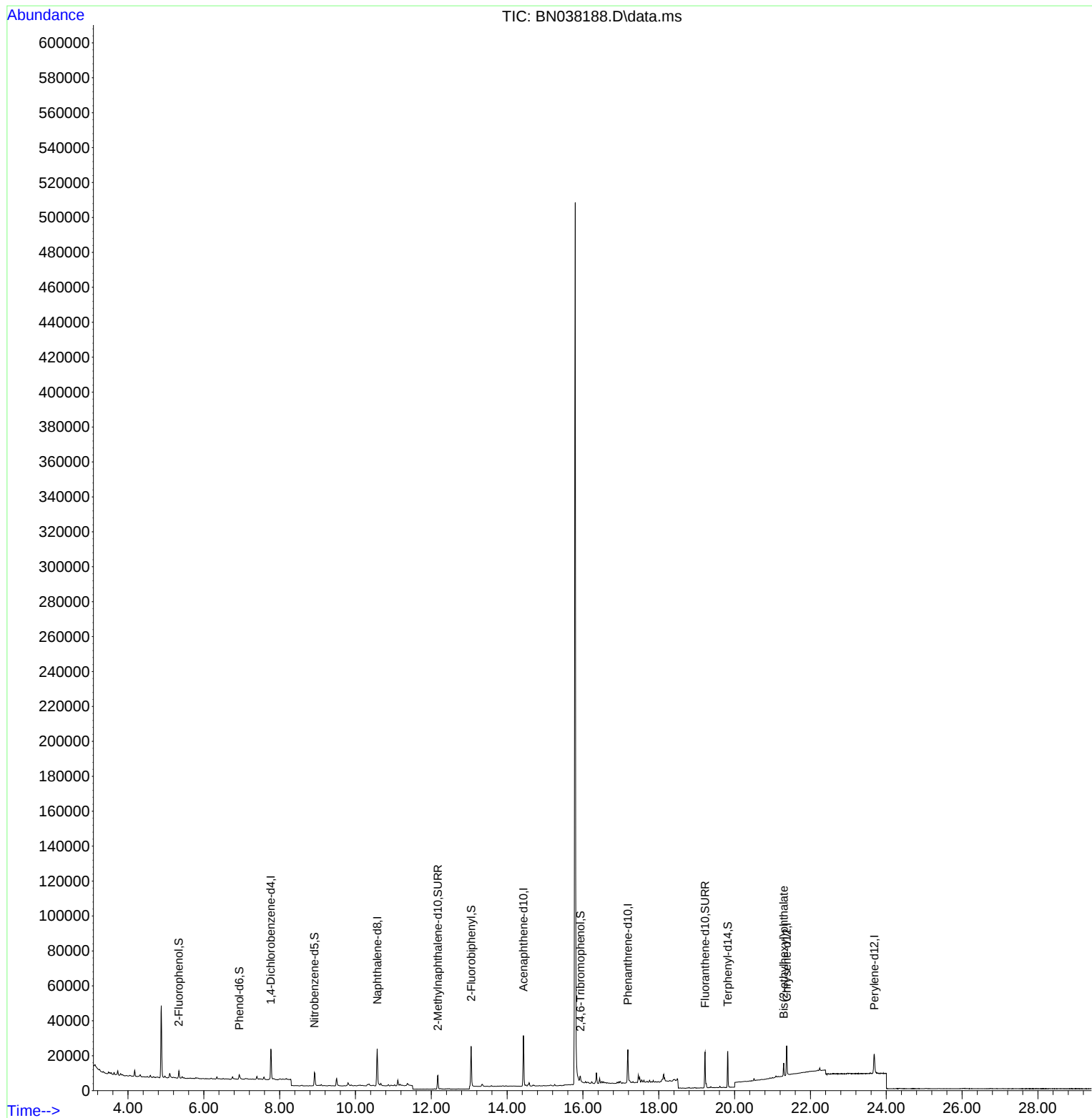
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.768	152	8885	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	28328	0.400	ng	0.00
13) Acenaphthene-d10	14.430	164	16595	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	28494	0.400	ng	0.00
29) Chrysene-d12	21.375	240	16713	0.400	ng	0.00
35) Perylene-d12	23.683	264	16215	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.341	112	3311	0.158	ng	0.00
5) Phenol-d6	6.937	99	2571	0.101	ng	0.00
8) Nitrobenzene-d5	8.918	82	6816	0.298	ng	-0.01
11) 2-Methylnaphthalene-d10	12.172	152	11208	0.277	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	2344	0.343	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	19900	0.299	ng	0.00
27) Fluoranthene-d10	19.220	212	22989	0.320	ng	0.00
31) Terphenyl-d14	19.819	244	19399	0.534	ng	0.00
Target Compounds						
34) Bis(2-ethylhexyl)phtha...	21.295	149	7281	0.232	ng	Qvalue 96

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

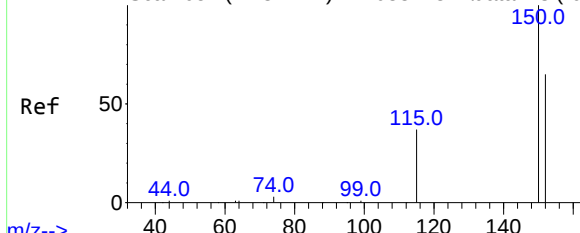
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111225\
Data File : BN038188.D
Acq On : 12 Nov 2025 12:32
Operator : RC/JU
Sample : Q3584-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SW-1

Quant Time: Nov 12 12:56:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration



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



#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.768 min Scan# 64

Delta R.T. -0.007 min

Lab File: BN038188.D

Acq: 12 Nov 2025 12:32

Instrument :

BNA_N

ClientSampleId :

SW-1

Tgt Ion:152 Resp: 8885

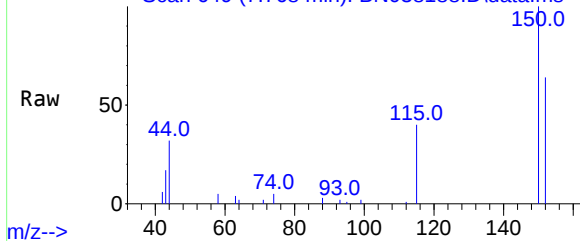
Ion Ratio Lower Upper

152 100

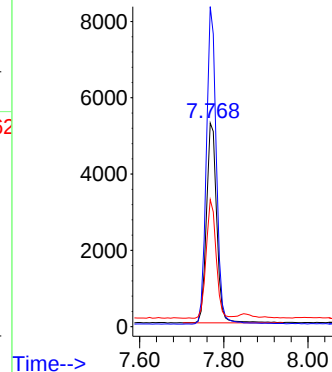
150 157.2 122.3 183.5

115 62.4 47.4 71.0

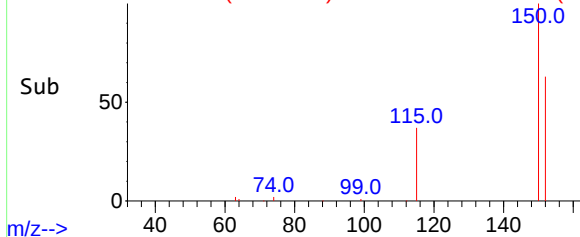
Abundance Scan 649 (7.768 min): BN038188.D\data.ms



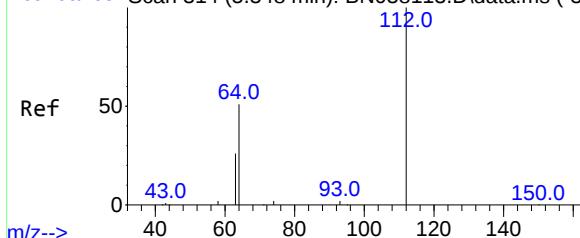
Abundance



Abundance Scan 649 (7.768 min): BN038188.D\data.ms (-62



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



#4

2-Fluorophenol

Concen: 0.158 ng

RT: 5.341 min Scan# 313

Delta R.T. -0.007 min

Lab File: BN038188.D

Acq: 12 Nov 2025 12:32

Tgt Ion:112 Resp: 3311

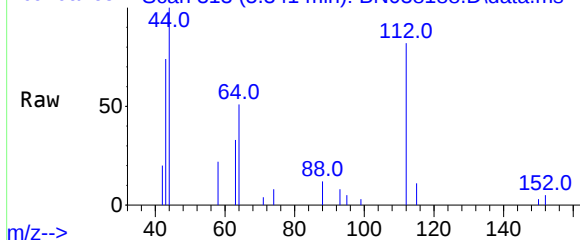
Ion Ratio Lower Upper

112 100

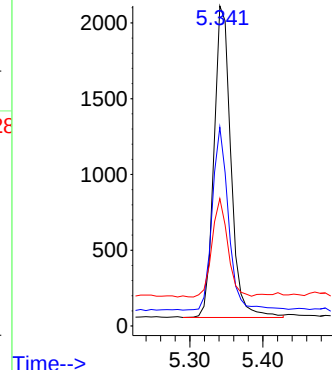
64 56.6 45.4 68.0

63 29.3 23.2 34.8

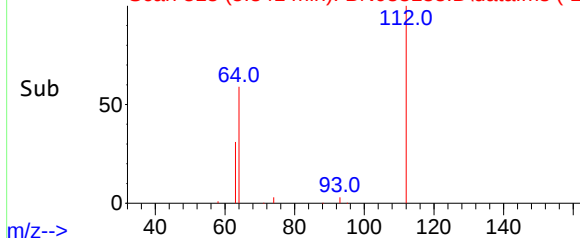
Abundance Scan 313 (5.341 min): BN038188.D\data.ms

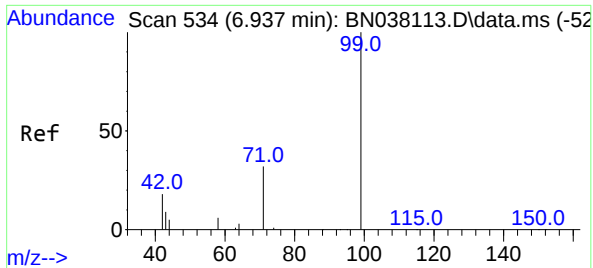


Abundance



Abundance Scan 313 (5.341 min): BN038188.D\data.ms (-28



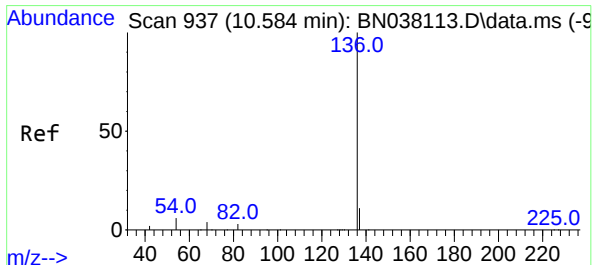
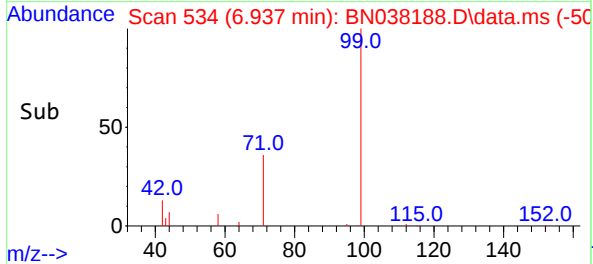
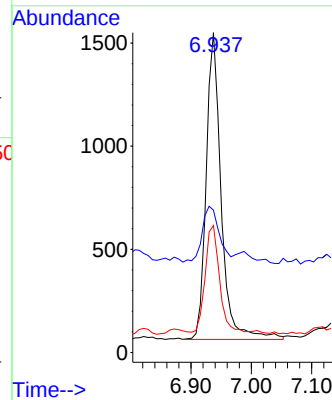
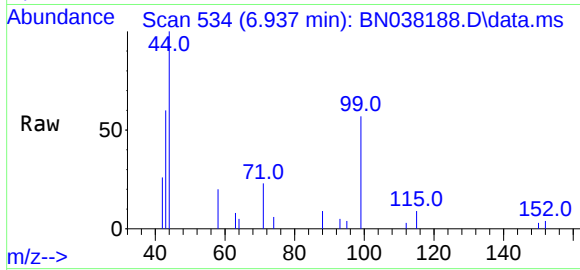


#5
Phenol-d6
Concen: 0.101 ng
RT: 6.937 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN038188.D
Acq: 12 Nov 2025 12:32

Instrument :
BNA_N
ClientSampleId :
SW-1

Tgt Ion: 99 Resp: 2571

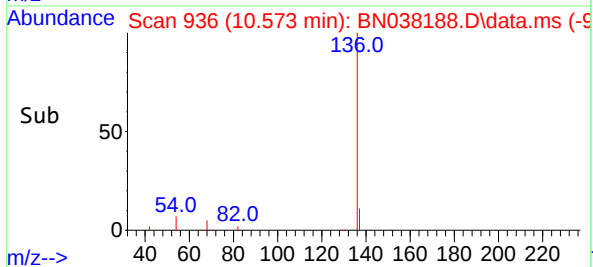
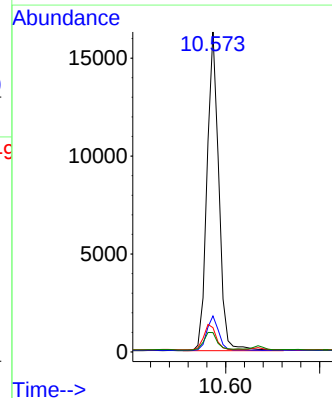
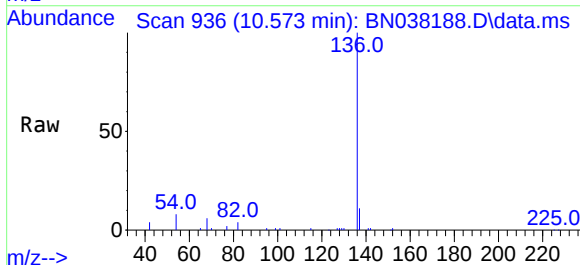
Ion	Ratio	Lower	Upper
99	100		
42	20.5	16.6	24.8
71	33.2	25.4	38.2

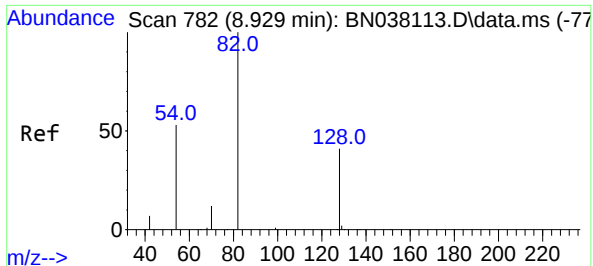


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 936
Delta R.T. -0.000 min
Lab File: BN038188.D
Acq: 12 Nov 2025 12:32

Tgt Ion: 136 Resp: 28328

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	7.6	5.2	7.8
68	6.0	4.1	6.1

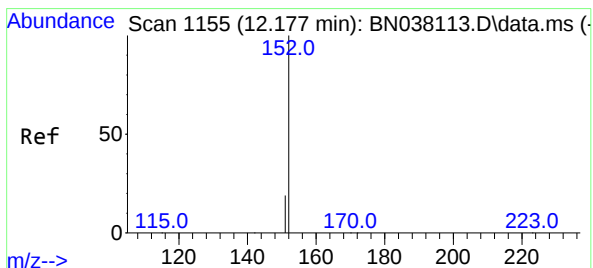
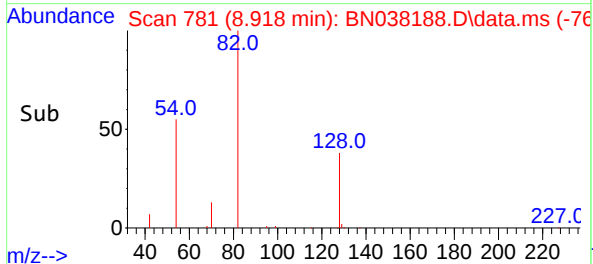
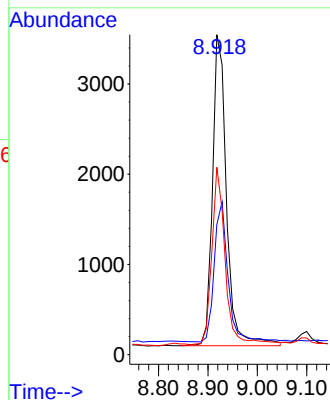
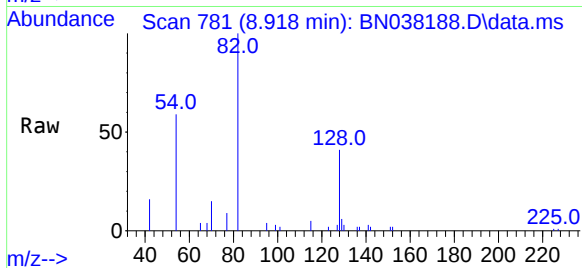




#8
Nitrobenzene-d5
Concen: 0.298 ng
RT: 8.918 min Scan# 781
Delta R.T. -0.011 min
Lab File: BN038188.D
Acq: 12 Nov 2025 12:32

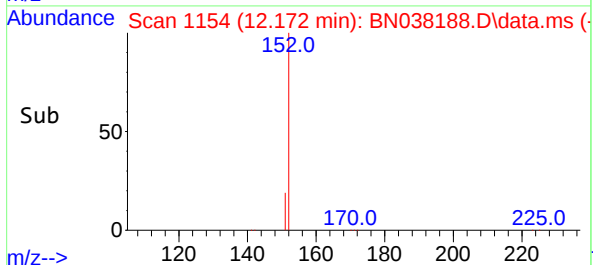
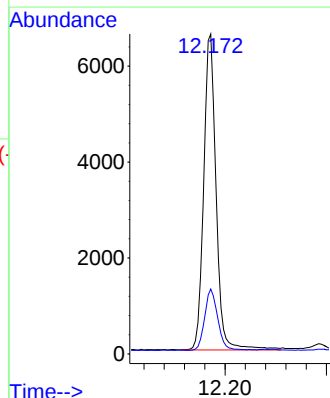
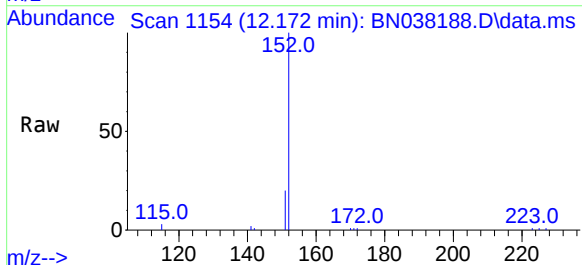
Instrument :
BNA_N
ClientSampleId :
SW-1

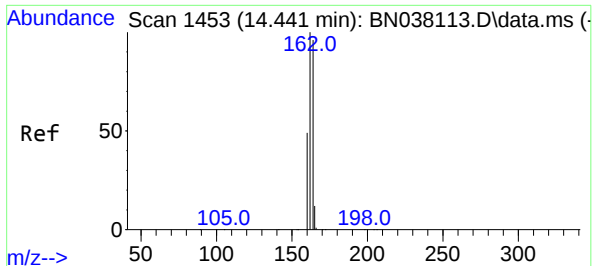
Tgt Ion	82	Resp:	6816
Ion Ratio	Lower	Upper	
82	100		
128	40.7	34.1	51.1
54	58.6	43.5	65.3



#11
2-Methylnaphthalene-d10
Concen: 0.277 ng
RT: 12.172 min Scan# 1154
Delta R.T. -0.005 min
Lab File: BN038188.D
Acq: 12 Nov 2025 12:32

Tgt Ion	152	Resp:	11208
Ion Ratio	Lower	Upper	
152	100		
151	20.4	16.8	25.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.430 min Scan# 1453

Delta R.T. -0.000 min

Lab File: BN038188.D

Acq: 12 Nov 2025 12:32

Instrument :

BNA_N

ClientSampleId :

SW-1

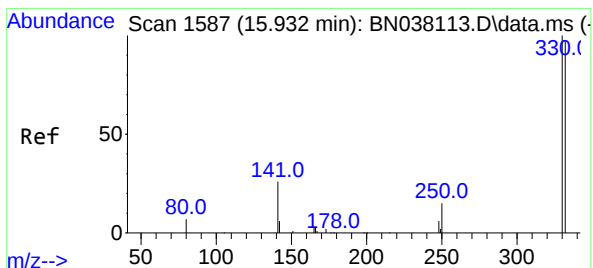
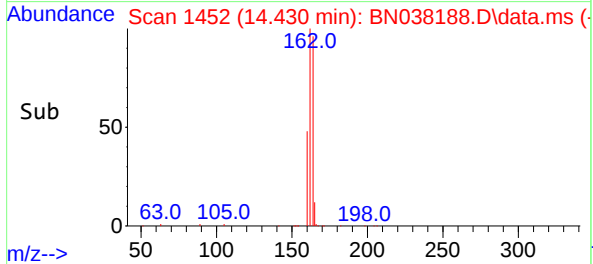
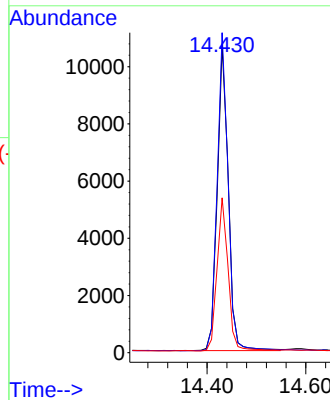
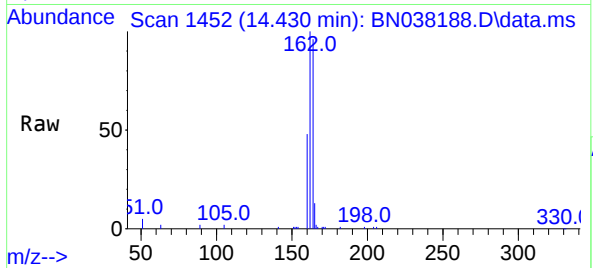
Tgt Ion:164 Resp: 16595

Ion Ratio Lower Upper

164 100

162 104.2 83.0 124.4

160 50.5 40.7 61.1



#14

2,4,6-Tribromophenol

Concen: 0.343 ng

RT: 15.932 min Scan# 1587

Delta R.T. 0.000 min

Lab File: BN038188.D

Acq: 12 Nov 2025 12:32

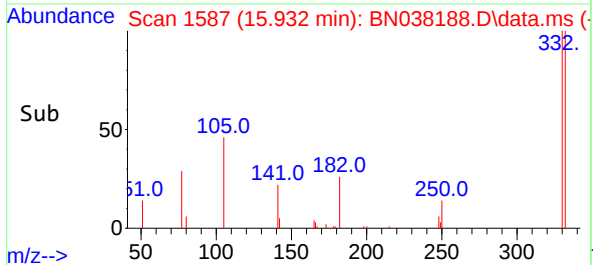
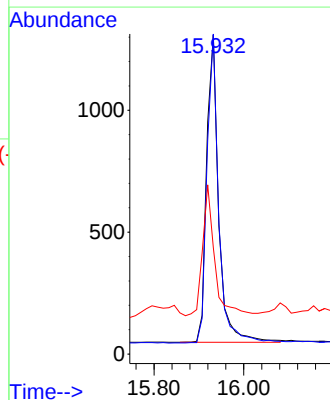
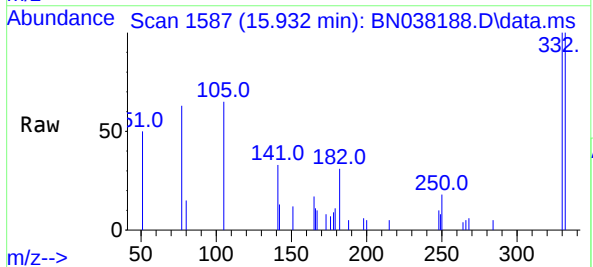
Tgt Ion:330 Resp: 2344

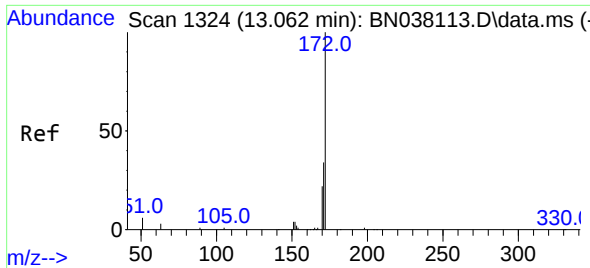
Ion Ratio Lower Upper

330 100

332 97.5 76.6 114.8

141 42.5 34.1 51.1



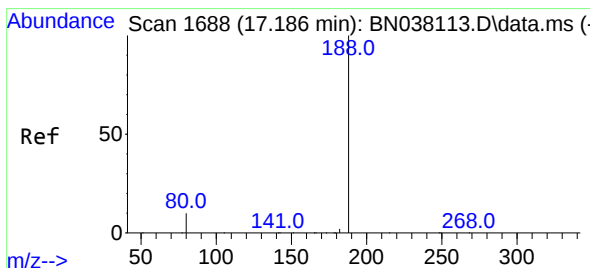
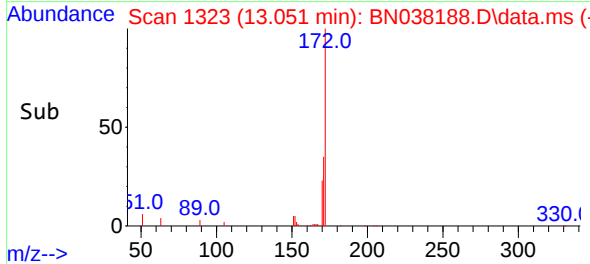
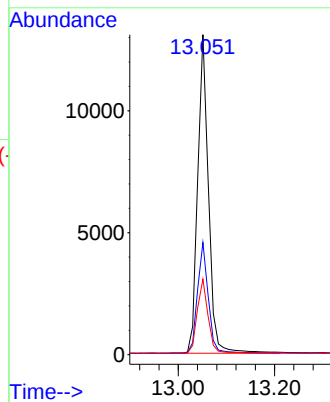
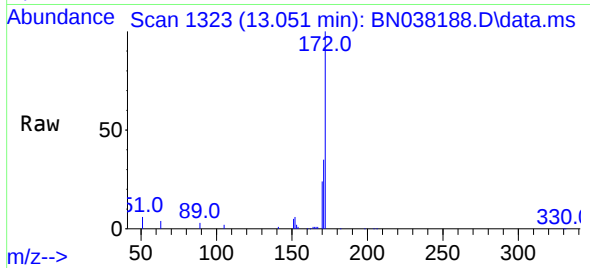


#15
2-Fluorobiphenyl
Concen: 0.299 ng
RT: 13.051 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BN038188.D
Acq: 12 Nov 2025 12:32

Instrument :
BNA_N
ClientSampleId :
SW-1

Tgt Ion:172 Resp: 19900

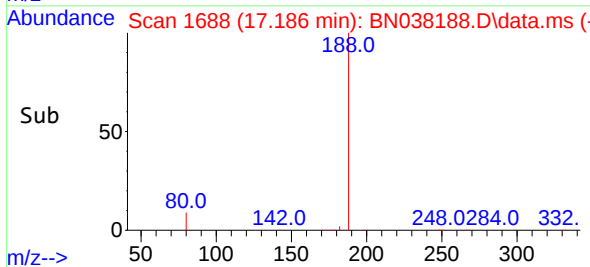
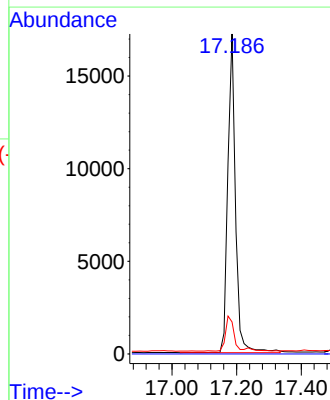
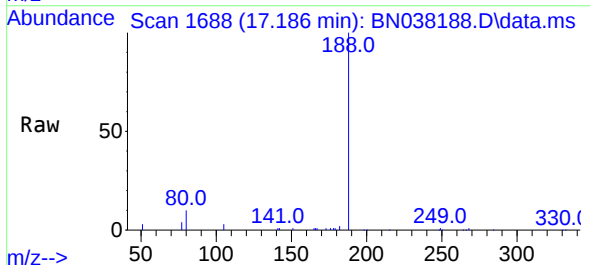
Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.8	41.6
170	23.6	18.1	27.1

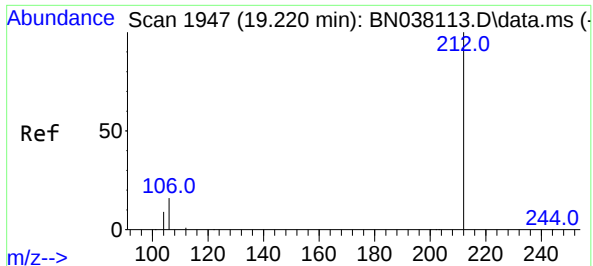


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1688
Delta R.T. -0.000 min
Lab File: BN038188.D
Acq: 12 Nov 2025 12:32

Tgt Ion:188 Resp: 28494

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.0	8.6	13.0





#27

Fluoranthene-d10

Concen: 0.320 ng

RT: 19.220 min Scan# 1947

Delta R.T. -0.000 min

Lab File: BN038188.D

Acq: 12 Nov 2025 12:32

Instrument :

BNA_N

ClientSampleId :

SW-1

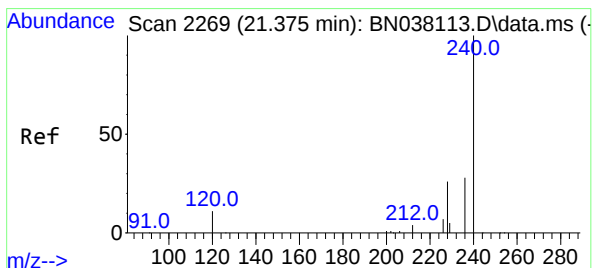
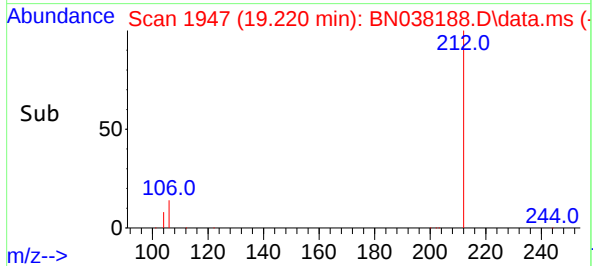
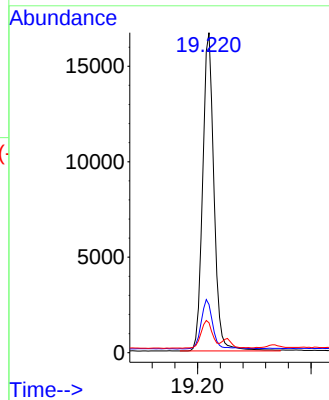
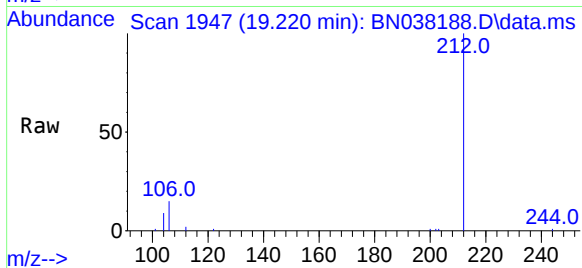
Tgt Ion:212 Resp: 22989

Ion Ratio Lower Upper

212 100

106 15.5 12.6 19.0

104 8.9 7.1 10.7



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.375 min Scan# 2269

Delta R.T. -0.000 min

Lab File: BN038188.D

Acq: 12 Nov 2025 12:32

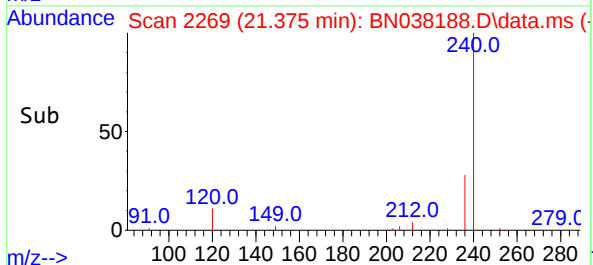
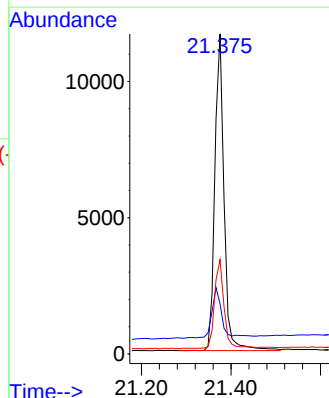
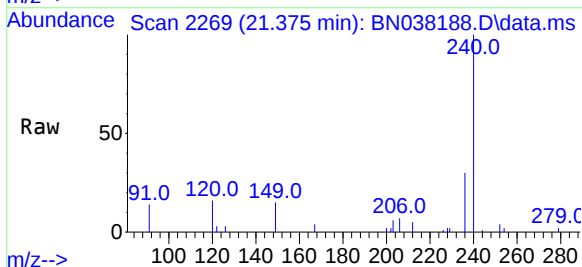
Tgt Ion:240 Resp: 16713

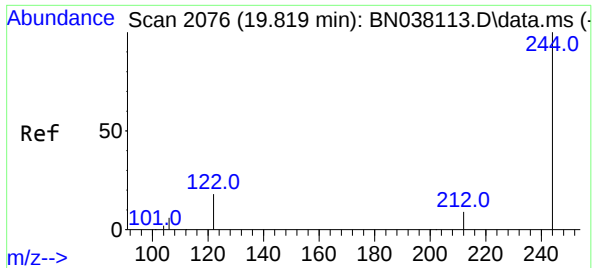
Ion Ratio Lower Upper

240 100

120 15.7 10.7 16.1

236 29.5 23.1 34.7

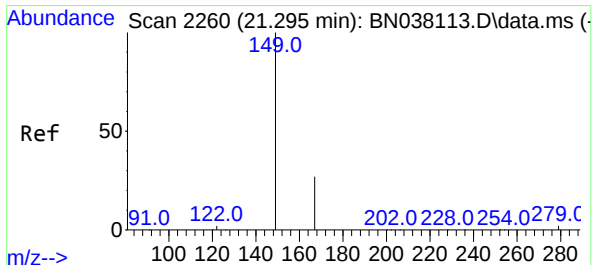
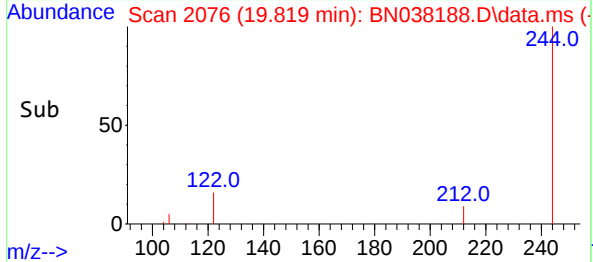
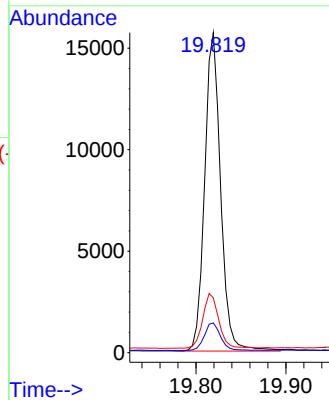
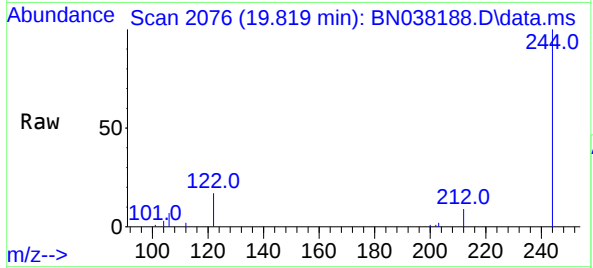




#31
Terphenyl-d14
Concen: 0.534 ng
RT: 19.819 min Scan# 2076
Delta R.T. 0.000 min
Lab File: BN038188.D
Acq: 12 Nov 2025 12:32

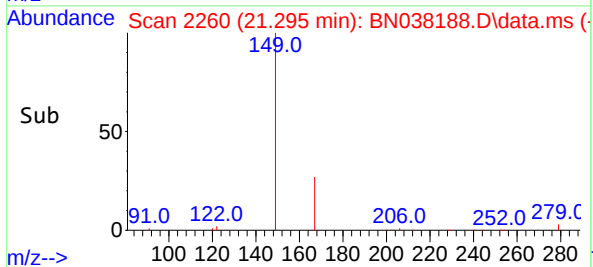
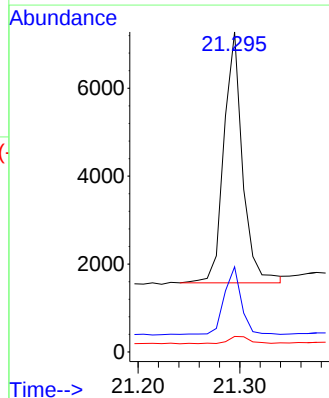
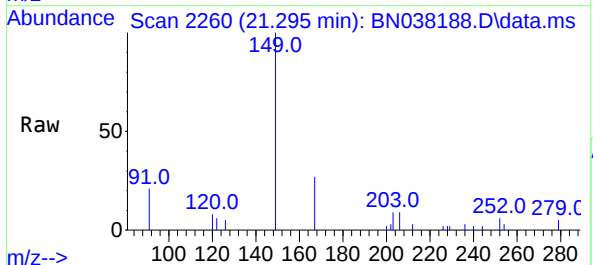
Instrument :
BNA_N
ClientSampleId :
SW-1

Tgt Ion:244	Resp:	19399
Ion Ratio	Lower	Upper
244	100	
212	9.3	7.8 11.6
122	17.1	15.2 22.8

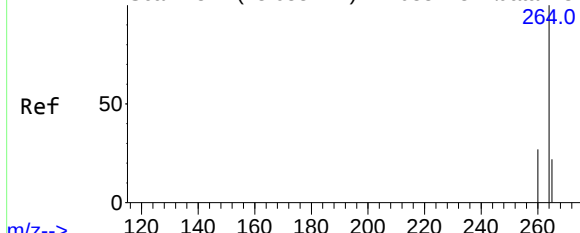


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.232 ng
RT: 21.295 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BN038188.D
Acq: 12 Nov 2025 12:32

Tgt Ion:149	Resp:	7281
Ion Ratio	Lower	Upper
149	100	
167	24.2	21.1 31.7
279	3.6	2.9 4.3

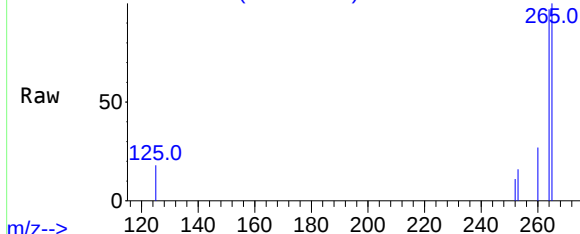


Abundance Scan 2821 (23.683 min): BN038113.D\data.ms (-



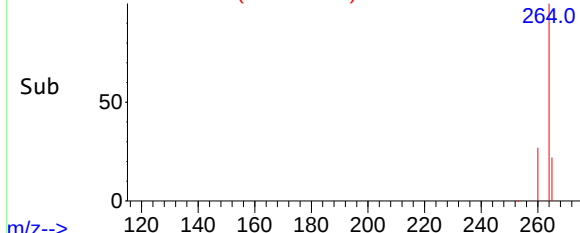
m/z-->

Abundance Scan 2821 (23.683 min): BN038188.D\data.ms (-



m/z-->

Abundance Scan 2821 (23.683 min): BN038188.D\data.ms (-



m/z-->

#35

Perylene-d12

Concen: 0.400 ng

RT: 23.683 min Scan# 21

Delta R.T. 0.003 min

Lab File: BN038188.D

Acq: 12 Nov 2025 12:32

Instrument :

BNA_N

ClientSampleId :

SW-1

Tgt Ion:264 Resp: 16215

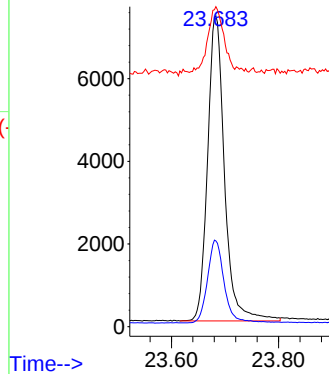
Ion Ratio Lower Upper

264 100

260 27.6 21.8 32.8

265 103.0 68.6 102.8#

Abundance



Time-->

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111225\
Data File : BN038191.D
Acq On : 12 Nov 2025 14:21
Operator : RC/JU
Sample : Q3584-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SW-2

Quant Time: Nov 12 14:45:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration

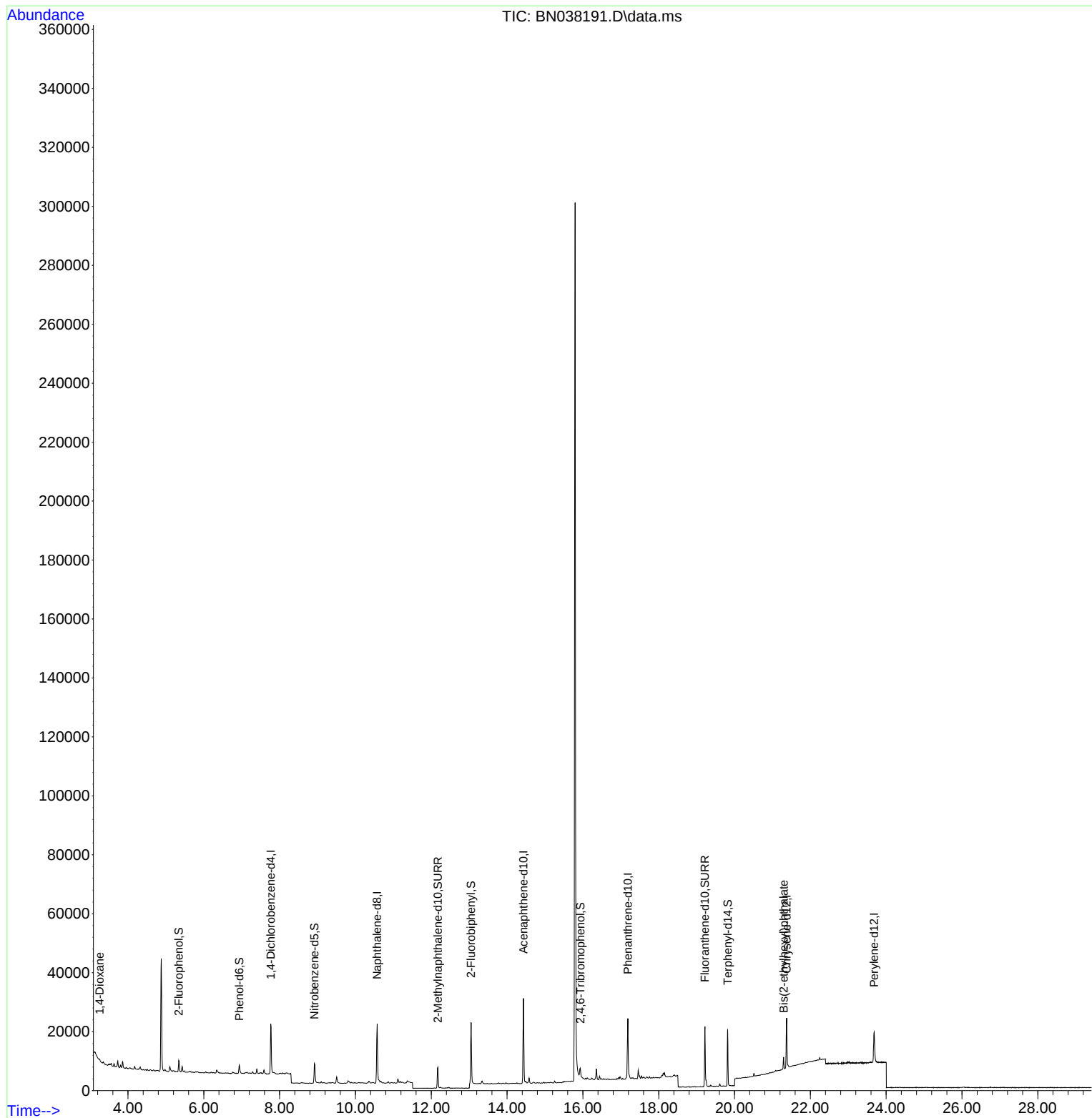
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.768	152	8717	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	27838	0.400	ng	0.00
13) Acenaphthene-d10	14.430	164	16503	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	29773	0.400	ng	0.00
29) Chrysene-d12	21.375	240	16736	0.400	ng	0.00
35) Perylene-d12	23.683	264	15603	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.341	112	3128	0.152	ng	0.00
5) Phenol-d6	6.937	99	2983	0.119	ng	0.00
8) Nitrobenzene-d5	8.918	82	6280	0.280	ng	-0.01
11) 2-Methylnaphthalene-d10	12.172	152	10441	0.263	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	2265	0.333	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	18090	0.274	ng	0.00
27) Fluoranthene-d10	19.220	212	22656	0.302	ng	0.00
31) Terphenyl-d14	19.819	244	18926	0.521	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.254	88	417	0.046	ng	# 83
34) Bis(2-ethylhexyl)phtha...	21.295	149	4214	0.134	ng	98

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

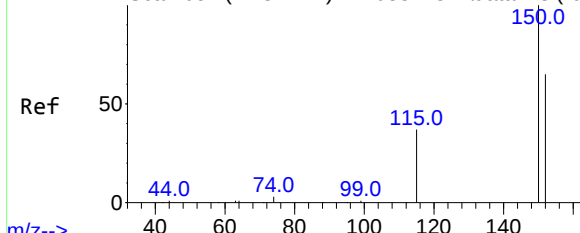
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111225\
Data File : BN038191.D
Acq On : 12 Nov 2025 14:21
Operator : RC/JU
Sample : Q3584-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SW-2

Quant Time: Nov 12 14:45:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration



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



#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.768 min Scan# 64

Delta R.T. -0.007 min

Lab File: BN038191.D

Acq: 12 Nov 2025 14:21

Instrument :

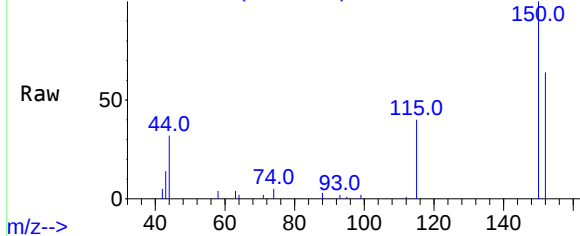
BNA_N

ClientSampleId :

SW-2

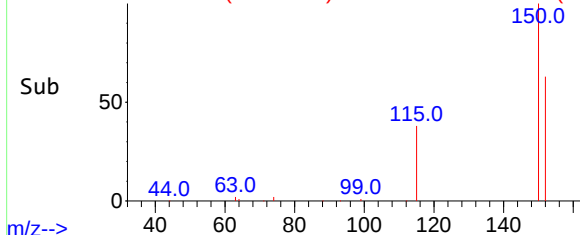
m/z-->

Abundance Scan 649 (7.768 min): BN038191.D\data.ms



m/z-->

Abundance Scan 649 (7.768 min): BN038191.D\data.ms (-62



m/z-->

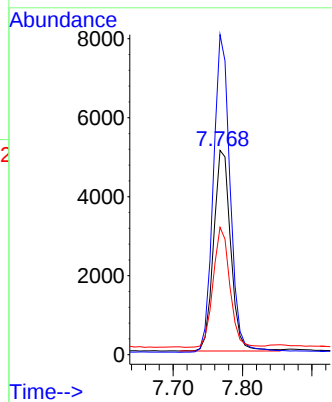
Tgt Ion:152 Resp: 8717

Ion Ratio Lower Upper

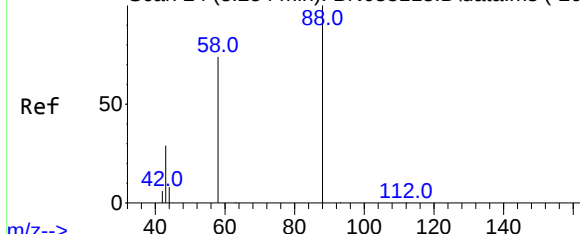
152 100

150 156.6 122.3 183.5

115 62.3 47.4 71.0

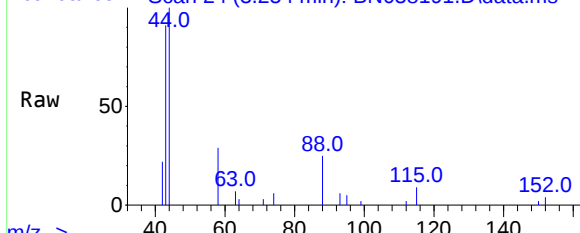


Abundance Scan 24 (3.254 min): BN038113.D\data.ms (-20)



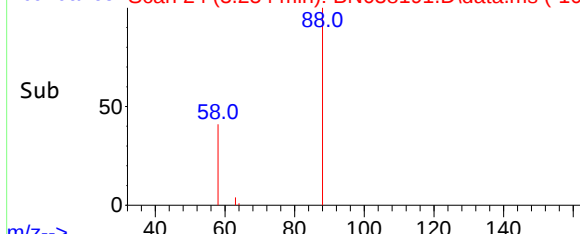
m/z-->

Abundance Scan 24 (3.254 min): BN038191.D\data.ms



m/z-->

Abundance Scan 24 (3.254 min): BN038191.D\data.ms (-10)



m/z-->

#2

1,4-Dioxane

Concen: 0.046 ng

RT: 3.254 min Scan# 24

Delta R.T. -0.000 min

Lab File: BN038191.D

Acq: 12 Nov 2025 14:21

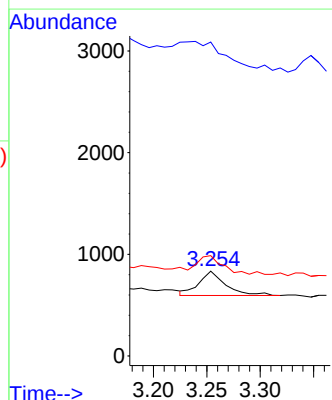
Tgt Ion: 88 Resp: 417

Ion Ratio Lower Upper

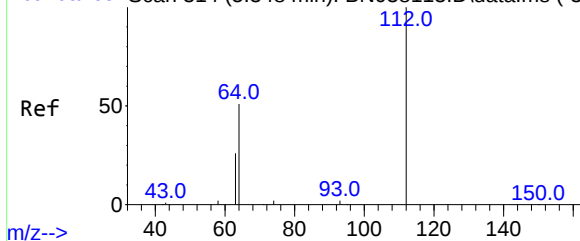
88 100

43 0.0 24.3 36.5#

58 74.1 60.4 90.6

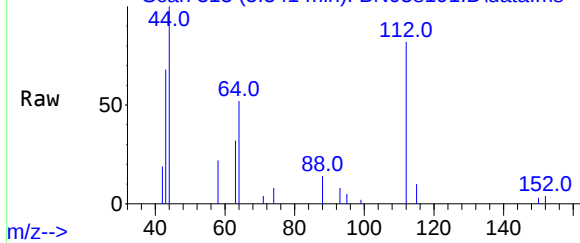


Abundance Scan 314 (5.348 min): BN038113.D\data.ms (-30



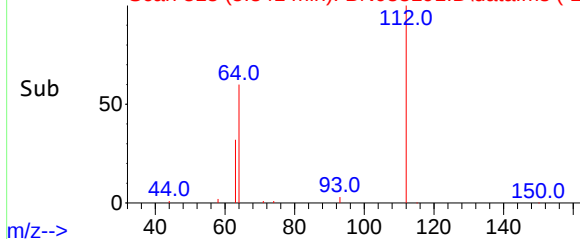
m/z-->

Abundance Scan 313 (5.341 min): BN038191.D\data.ms



m/z-->

Abundance Scan 313 (5.341 min): BN038191.D\data.ms (-28



m/z-->

#4

2-Fluorophenol

Concen: 0.152 ng

RT: 5.341 min Scan# 313

Delta R.T. -0.007 min

Lab File: BN038191.D

Acq: 12 Nov 2025 14:21

Instrument :

BNA_N

ClientSampleId :

SW-2

Tgt Ion:112 Resp: 3128

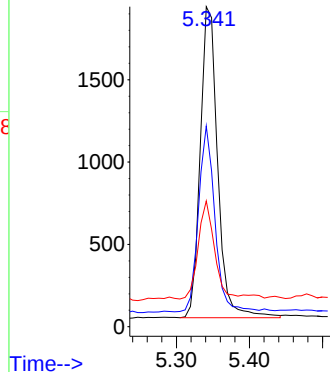
Ion Ratio Lower Upper

112 100

64 55.9 45.4 68.0

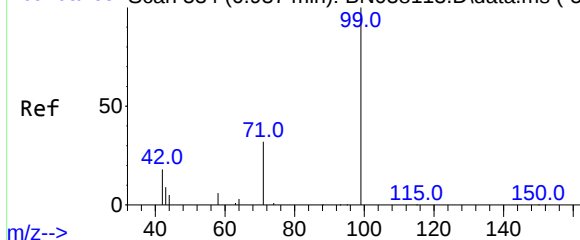
63 29.3 23.2 34.8

Abundance



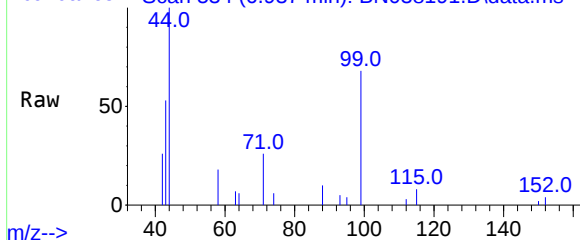
Time-->

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



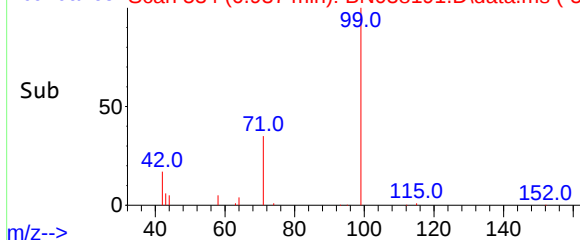
m/z-->

Abundance Scan 534 (6.937 min): BN038191.D\data.ms



m/z-->

Abundance Scan 534 (6.937 min): BN038191.D\data.ms (-50



m/z-->

#5

Phenol-d6

Concen: 0.119 ng

RT: 6.937 min Scan# 534

Delta R.T. -0.000 min

Lab File: BN038191.D

Acq: 12 Nov 2025 14:21

Tgt Ion: 99 Resp: 2983

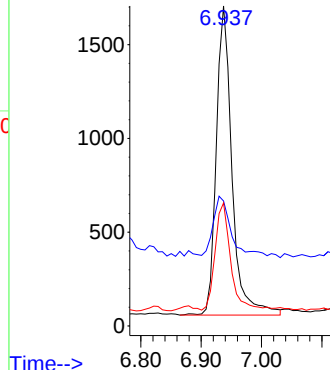
Ion Ratio Lower Upper

99 100

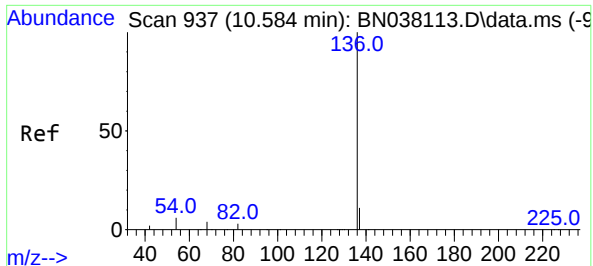
42 23.7 16.6 24.8

71 34.4 25.4 38.2

Abundance



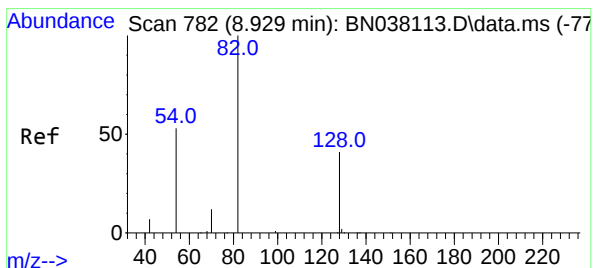
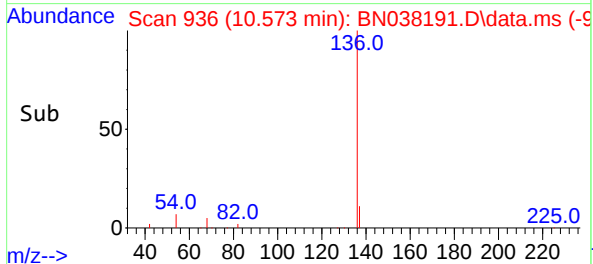
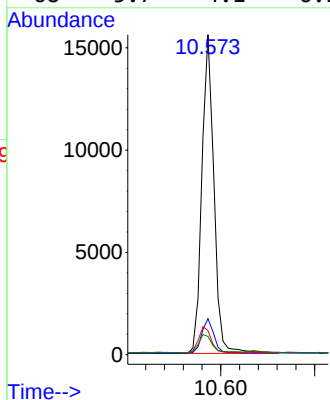
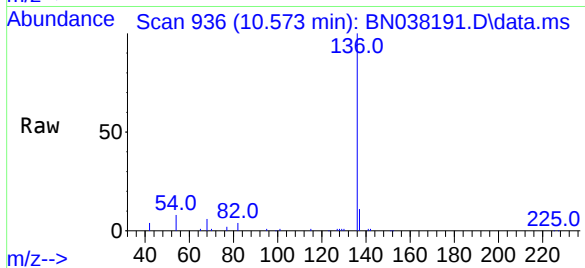
Time-->



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN038191.D
Acq: 12 Nov 2025 14:21

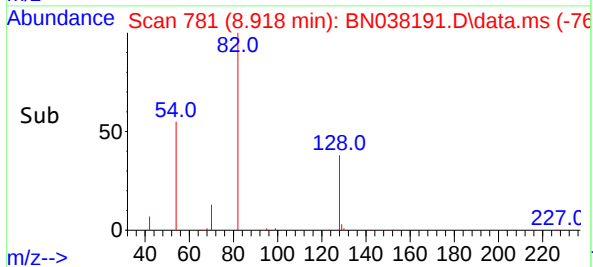
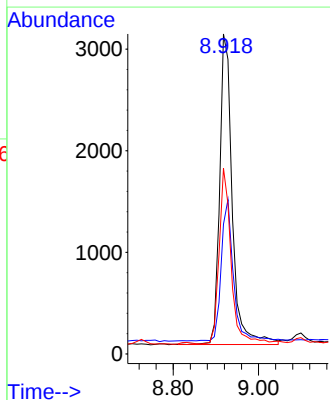
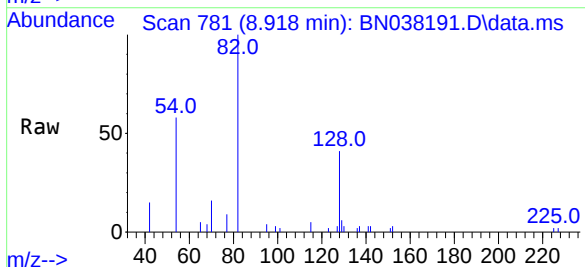
Instrument :
BNA_N
ClientSampleId :
SW-2

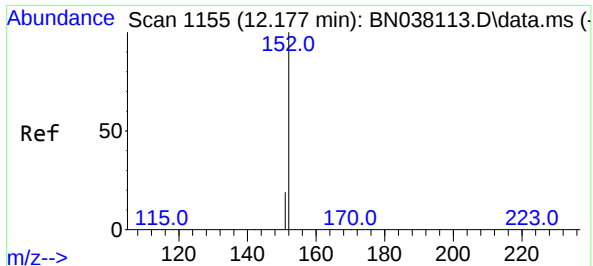
Tgt Ion:	136	Resp:	27838
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	7.6	5.2	7.8
68	5.7	4.1	6.1



#8
Nitrobenzene-d5
Concen: 0.280 ng
RT: 8.918 min Scan# 781
Delta R.T. -0.011 min
Lab File: BN038191.D
Acq: 12 Nov 2025 14:21

Tgt Ion:	82	Resp:	6280
Ion	Ratio	Lower	Upper
82	100		
128	40.6	34.1	51.1
54	58.1	43.5	65.3

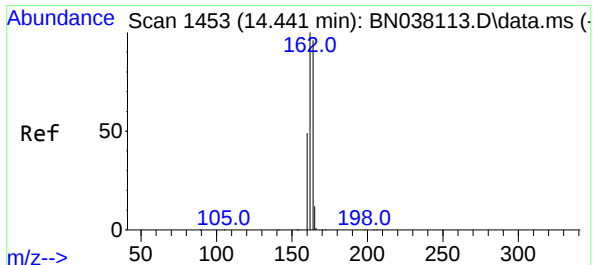
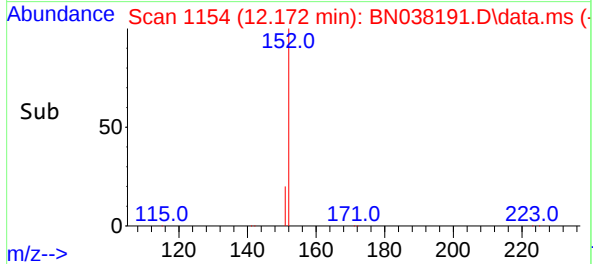
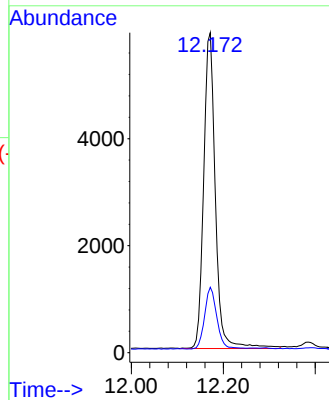
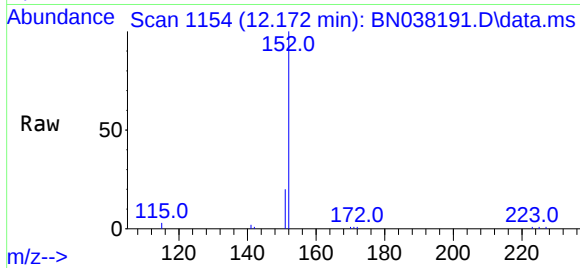




#11
2-Methylnaphthalene-d10
Concen: 0.263 ng
RT: 12.172 min Scan# 1155
Delta R.T. -0.005 min
Lab File: BN038191.D
Acq: 12 Nov 2025 14:21

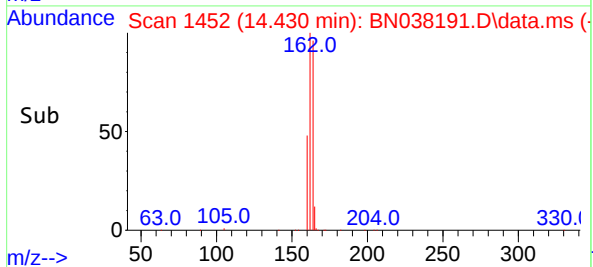
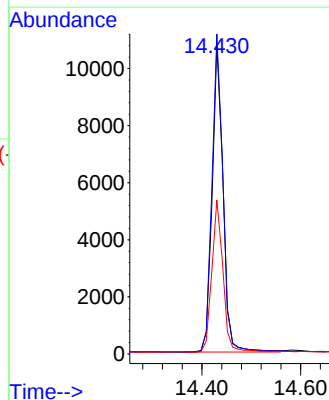
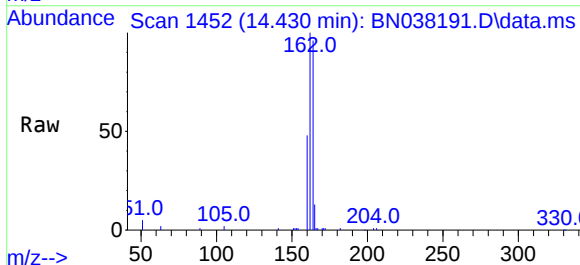
Instrument :
BNA_N
ClientSampleId :
SW-2

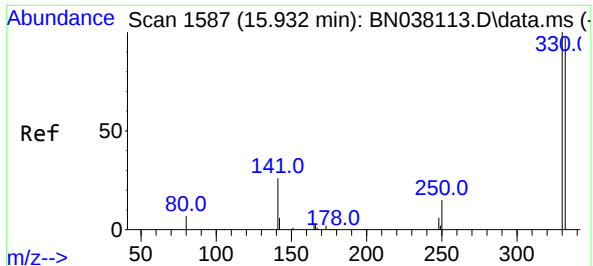
Tgt Ion:152 Resp: 10441
Ion Ratio Lower Upper
152 100
151 20.5 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BN038191.D
Acq: 12 Nov 2025 14:21

Tgt Ion:164 Resp: 16503
Ion Ratio Lower Upper
164 100
162 103.7 83.0 124.4
160 49.9 40.7 61.1

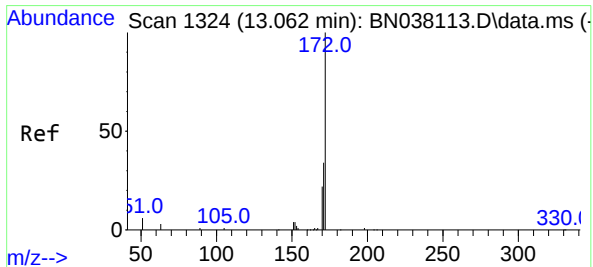
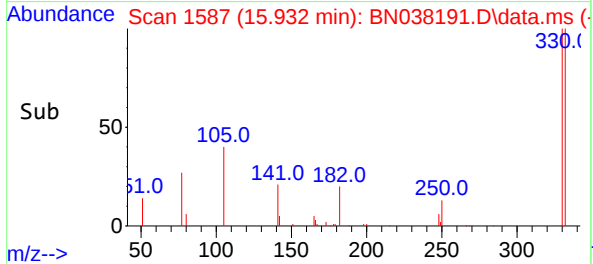
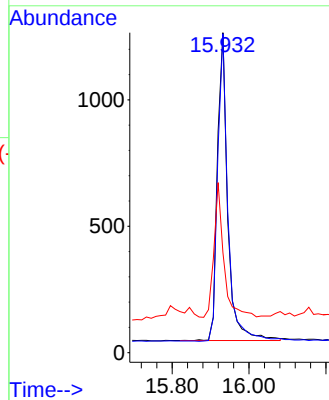
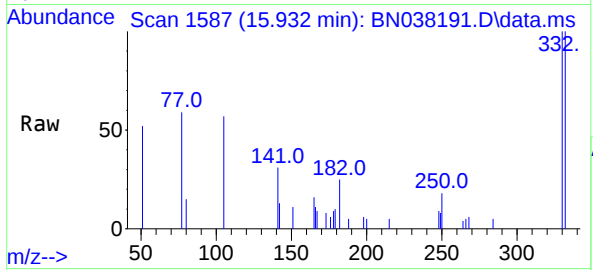




#14
2,4,6-Tribromophenol
Concen: 0.333 ng
RT: 15.932 min Scan# 1587
Delta R.T. -0.000 min
Lab File: BN038191.D
Acq: 12 Nov 2025 14:21

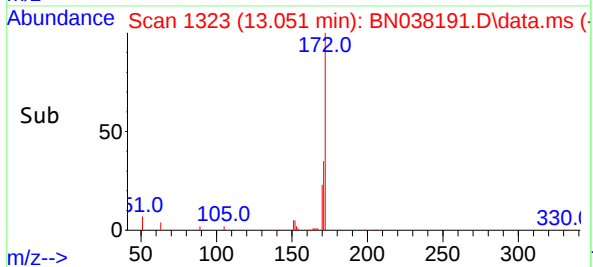
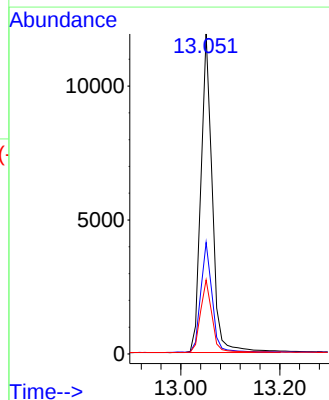
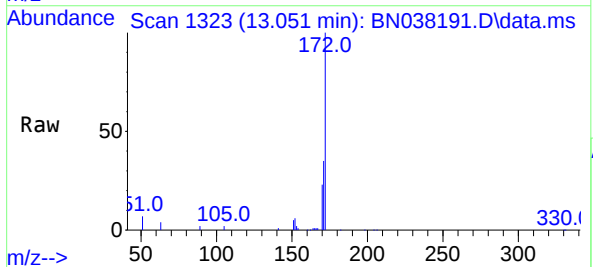
Instrument :
BNA_N
ClientSampleId :
SW-2

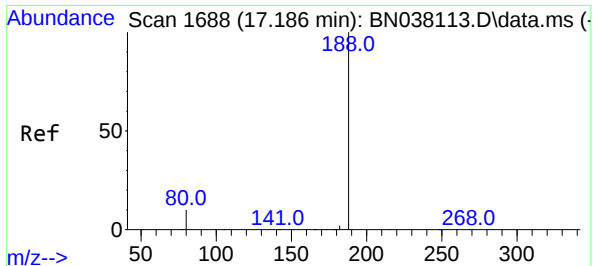
Tgt Ion:	330	Resp:	2265
Ion	Ratio	Lower	Upper
330	100		
332	99.6	76.6	114.8
141	41.8	34.1	51.1



#15
2-Fluorobiphenyl
Concen: 0.274 ng
RT: 13.051 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BN038191.D
Acq: 12 Nov 2025 14:21

Tgt Ion:	172	Resp:	18090
Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.8	41.6
170	23.1	18.1	27.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.186 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN038191.D

Acq: 12 Nov 2025 14:21

Instrument :

BNA_N

ClientSampleId :

SW-2

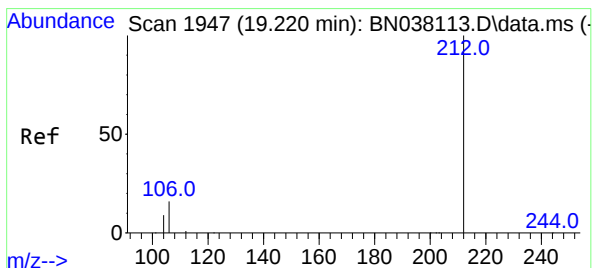
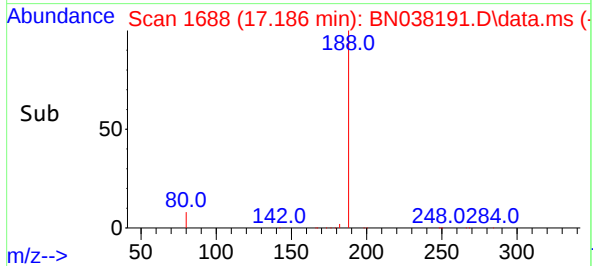
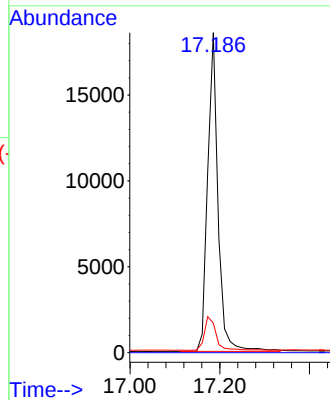
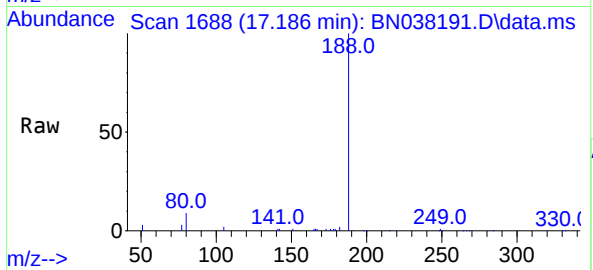
Tgt Ion:188 Resp: 29773

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.3 8.6 13.0



#27

Fluoranthene-d10

Concen: 0.302 ng

RT: 19.220 min Scan# 1947

Delta R.T. -0.000 min

Lab File: BN038191.D

Acq: 12 Nov 2025 14:21

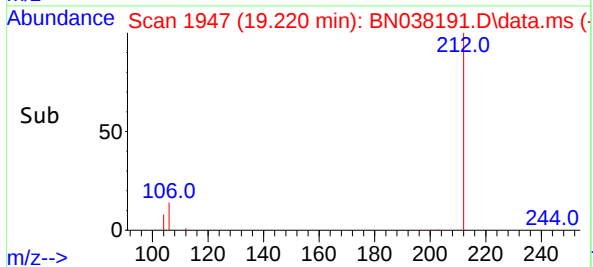
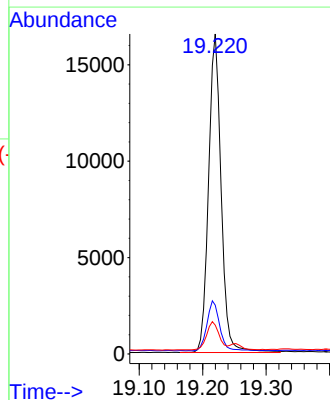
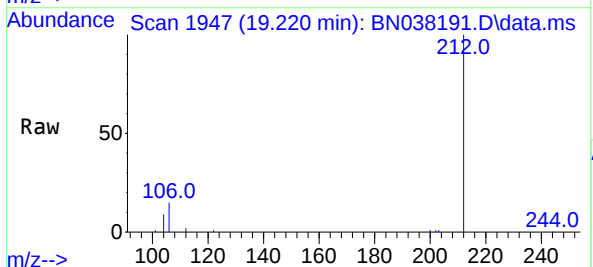
Tgt Ion:212 Resp: 22656

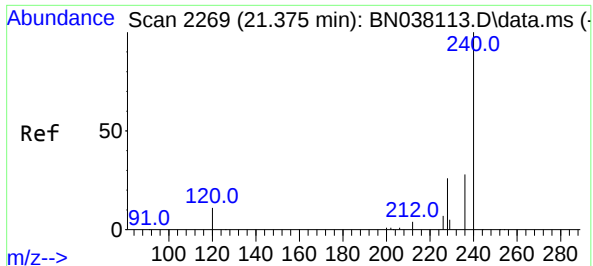
Ion Ratio Lower Upper

212 100

106 15.9 12.6 19.0

104 8.9 7.1 10.7





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.375 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN038191.D

Acq: 12 Nov 2025 14:21

Instrument :

BNA_N

ClientSampleId :

SW-2

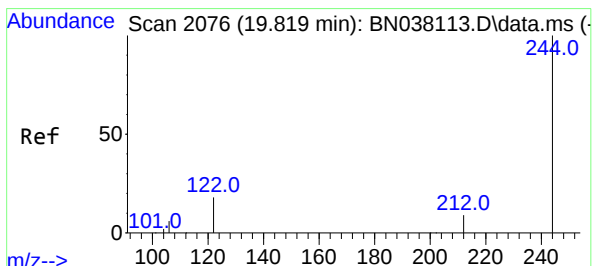
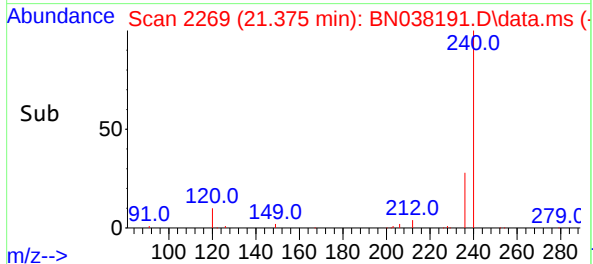
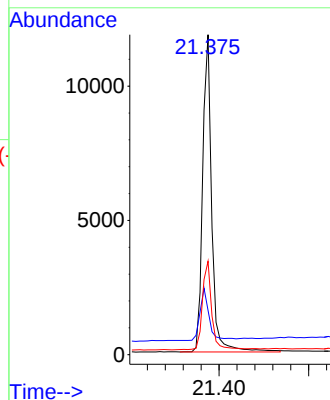
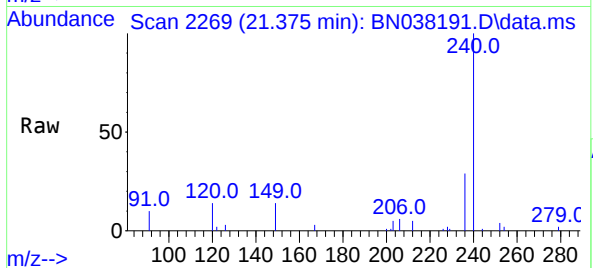
Tgt Ion:240 Resp: 16736

Ion Ratio Lower Upper

240 100

120 13.8 10.7 16.1

236 29.2 23.1 34.7



#31

Terphenyl-d14

Concen: 0.521 ng

RT: 19.819 min Scan# 2076

Delta R.T. -0.000 min

Lab File: BN038191.D

Acq: 12 Nov 2025 14:21

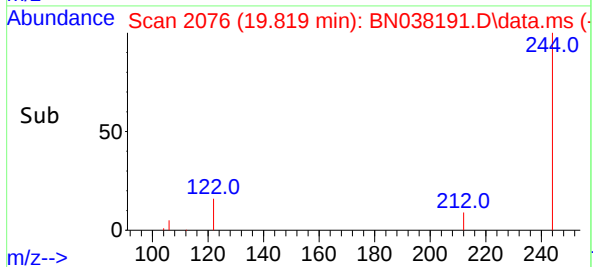
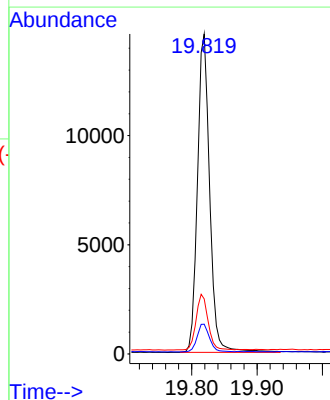
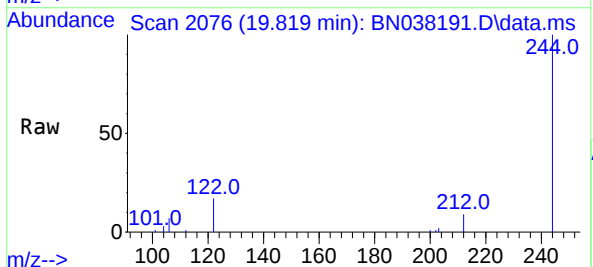
Tgt Ion:244 Resp: 18926

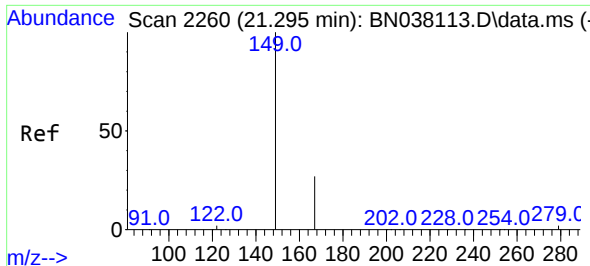
Ion Ratio Lower Upper

244 100

212 9.3 7.8 11.6

122 17.2 15.2 22.8

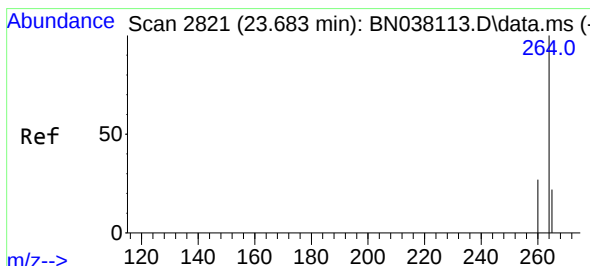
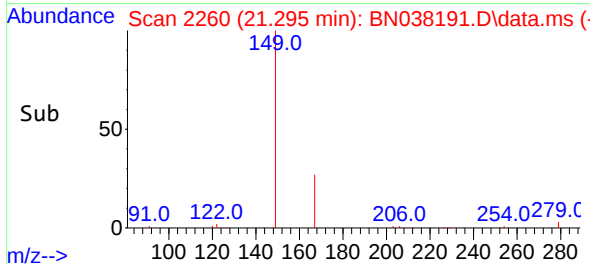
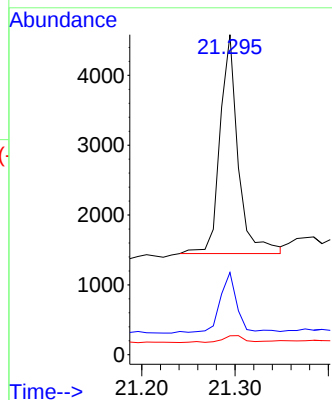
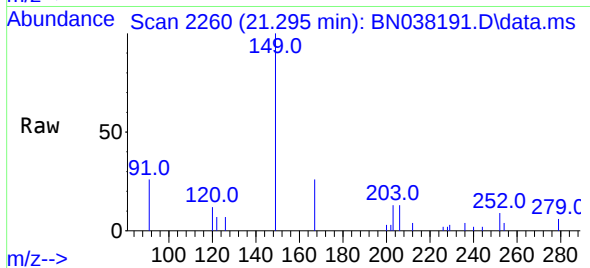




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.134 ng
RT: 21.295 min Scan# 2126
Delta R.T. -0.000 min
Lab File: BN038191.D
Acq: 12 Nov 2025 14:21

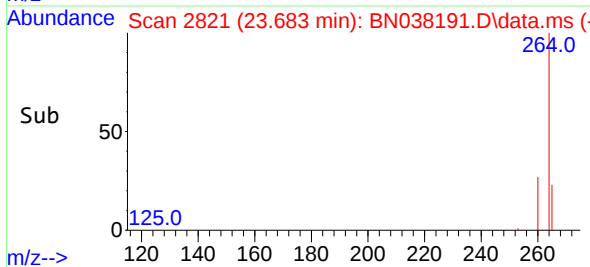
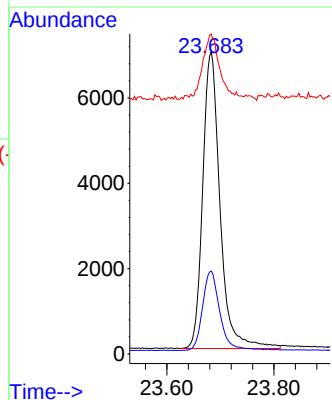
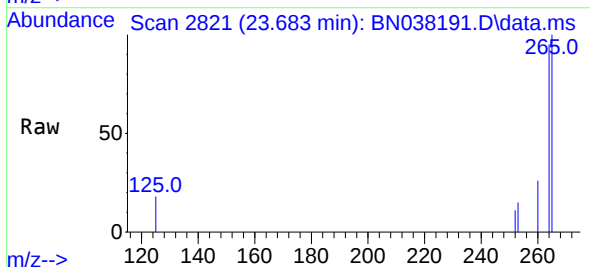
Instrument :
BNA_N
ClientSampleId :
SW-2

Tgt Ion:149 Resp: 4214
Ion Ratio Lower Upper
149 100
167 25.1 21.1 31.7
279 3.8 2.9 4.3



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.683 min Scan# 2821
Delta R.T. 0.003 min
Lab File: BN038191.D
Acq: 12 Nov 2025 14:21

Tgt Ion:264 Resp: 15603
Ion Ratio Lower Upper
264 100
260 27.4 21.8 32.8
265 105.8 68.6 102.8#



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111225\
Data File : BN038190.D
Acq On : 12 Nov 2025 13:45
Operator : RC/JU
Sample : Q3584-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SW-3

A
B
C
D
E
F
G
H
I
J
K

Quant Time: Nov 12 14:09:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration

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

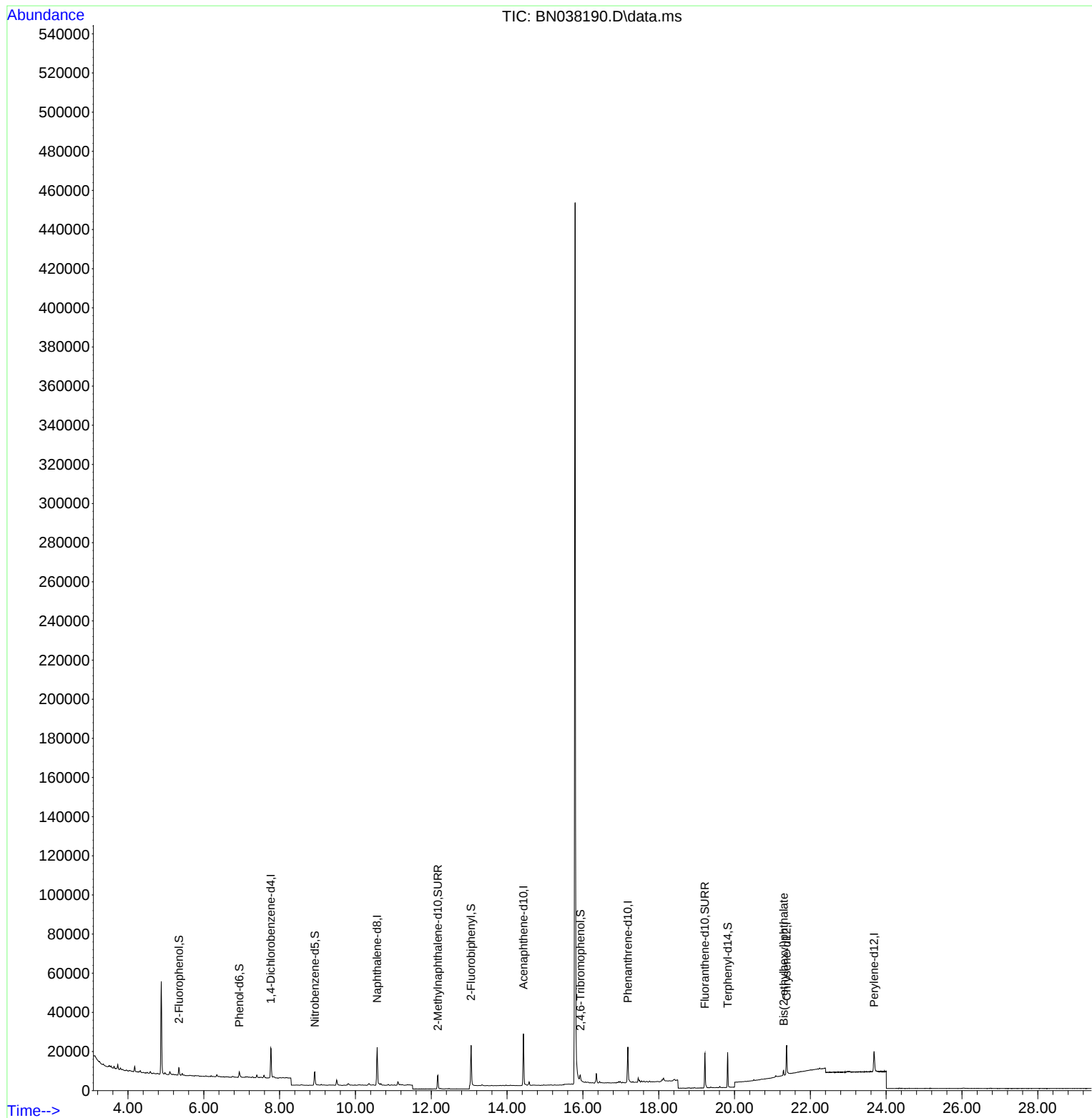
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.768	152	7952	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	25886	0.400	ng	0.00
13) Acenaphthene-d10	14.430	164	15079	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	26367	0.400	ng	0.00
29) Chrysene-d12	21.375	240	15382	0.400	ng	0.00
35) Perylene-d12	23.683	264	14958	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	3221	0.172	ng	0.00
5) Phenol-d6	6.937	99	2843	0.125	ng	0.00
8) Nitrobenzene-d5	8.929	82	6489	0.311	ng	0.00
11) 2-Methylnaphthalene-d10	12.172	152	10186	0.276	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	2134	0.343	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	18021	0.298	ng	0.00
27) Fluoranthene-d10	19.220	212	20743	0.312	ng	0.00
31) Terphenyl-d14	19.819	244	17142	0.513	ng	0.00
Target Compounds						Qvalue
34) Bis(2-ethylhexyl)phtha...	21.295	149	2750	0.095	ng	# 97

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

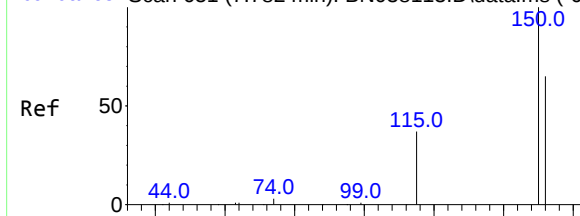
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111225\
Data File : BN038190.D
Acq On : 12 Nov 2025 13:45
Operator : RC/JU
Sample : Q3584-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SW-3

Quant Time: Nov 12 14:09:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration



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



#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.768 min Scan# 64

Delta R.T. -0.007 min

Lab File: BN038190.D

Acq: 12 Nov 2025 13:45

Instrument :

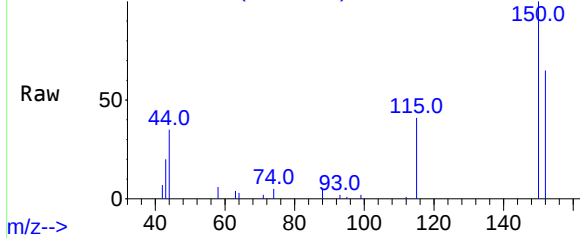
BNA_N

ClientSampleId :

SW-3

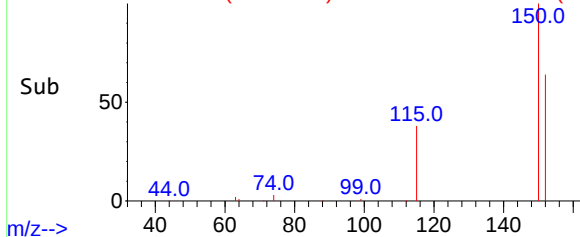
m/z-->

Abundance Scan 649 (7.768 min): BN038190.D\data.ms



m/z-->

Abundance Scan 649 (7.768 min): BN038190.D\data.ms (-62



m/z-->

Tgt Ion:152 Resp: 7952

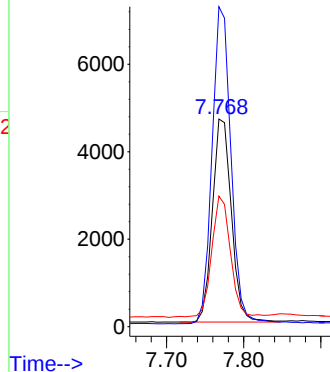
Ion Ratio Lower Upper

152 100

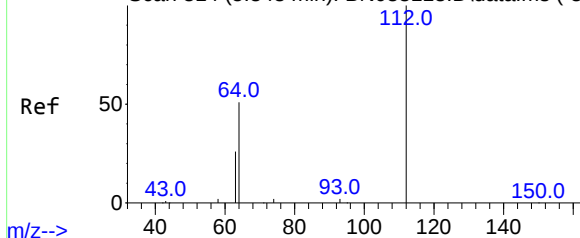
150 154.1 122.3 183.5

115 62.8 47.4 71.0

Abundance

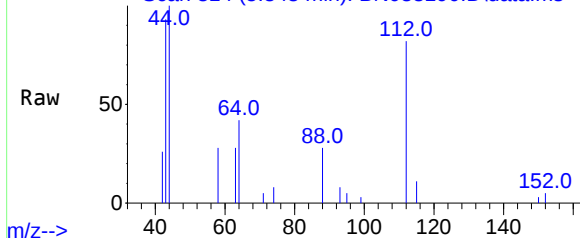


Abundance Scan 314 (5.348 min): BN038113.D\data.ms (-30



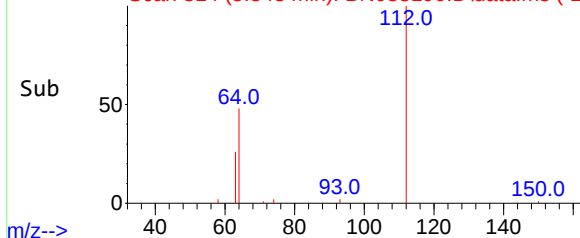
m/z-->

Abundance Scan 314 (5.348 min): BN038190.D\data.ms



m/z-->

Abundance Scan 314 (5.348 min): BN038190.D\data.ms (-28



m/z-->

#4

2-Fluorophenol

Concen: 0.172 ng

RT: 5.348 min Scan# 314

Delta R.T. 0.000 min

Lab File: BN038190.D

Acq: 12 Nov 2025 13:45

Tgt Ion:112 Resp: 3221

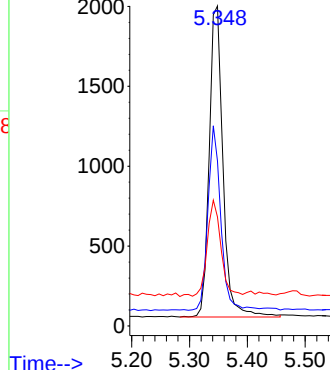
Ion Ratio Lower Upper

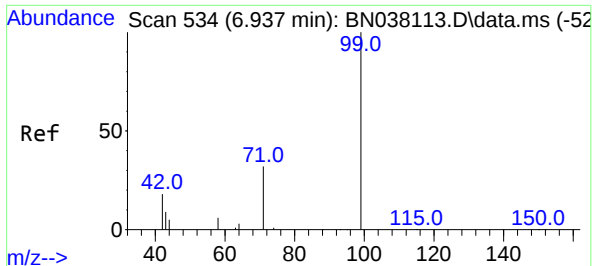
112 100

64 55.4 45.4 68.0

63 29.6 23.2 34.8

Abundance



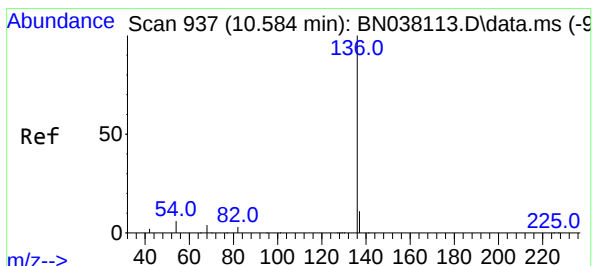
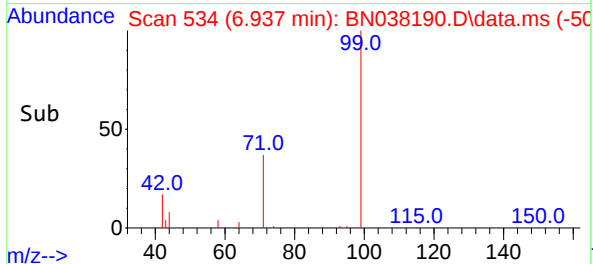
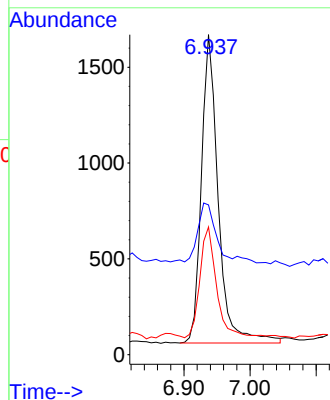
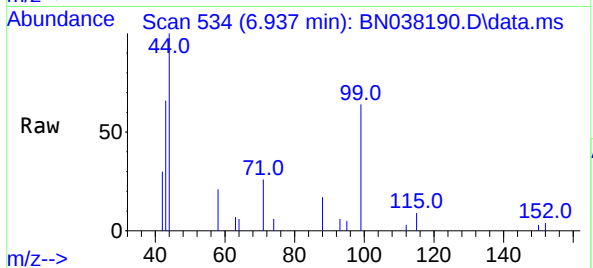


#5
Phenol-d6
Concen: 0.125 ng
RT: 6.937 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN038190.D
Acq: 12 Nov 2025 13:45

Instrument :
BNA_N
ClientSampleId :
SW-3

Tgt Ion: 99 Resp: 2843

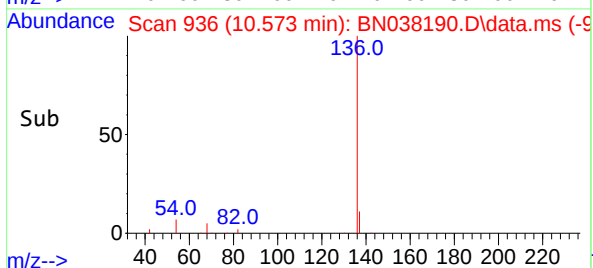
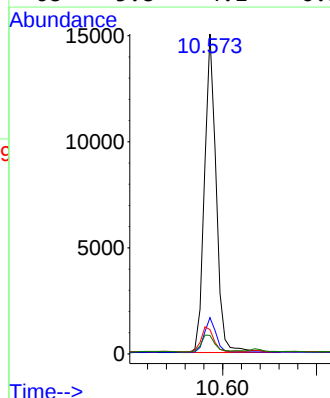
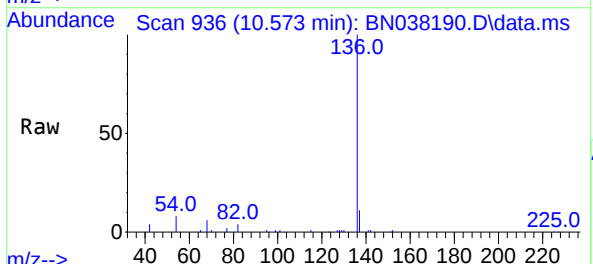
Ion	Ratio	Lower	Upper
99	100		
42	19.6	16.6	24.8
71	37.4	25.4	38.2



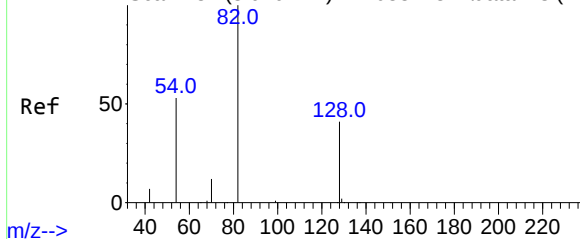
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 936
Delta R.T. 0.000 min
Lab File: BN038190.D
Acq: 12 Nov 2025 13:45

Tgt Ion: 136 Resp: 25886

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.4
54	7.6	5.2	7.8
68	5.8	4.1	6.1



Abundance Scan 782 (8.929 min): BN038113.D\data.ms (-77



#8

Nitrobenzene-d5

Concen: 0.311 ng

RT: 8.929 min Scan# 782

Delta R.T. 0.000 min

Lab File: BN038190.D

Acq: 12 Nov 2025 13:45

Instrument :

BNA_N

ClientSampleId :

SW-3

Tgt Ion: 82 Resp: 6489

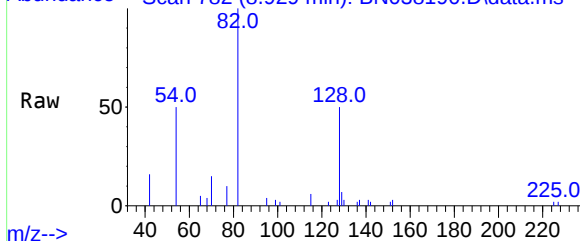
Ion Ratio Lower Upper

82 100

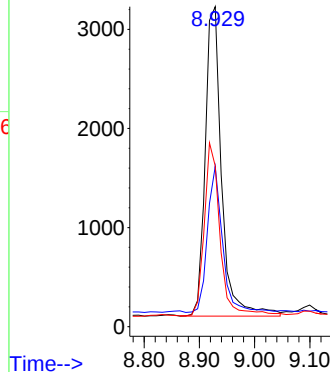
128 50.1 34.1 51.1

54 50.2 43.5 65.3

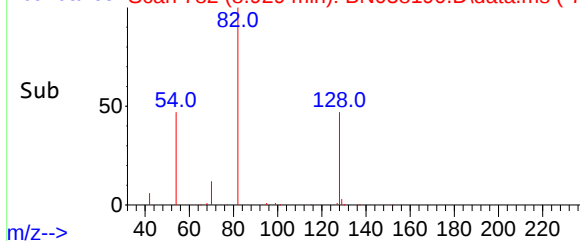
Abundance Scan 782 (8.929 min): BN038190.D\data.ms



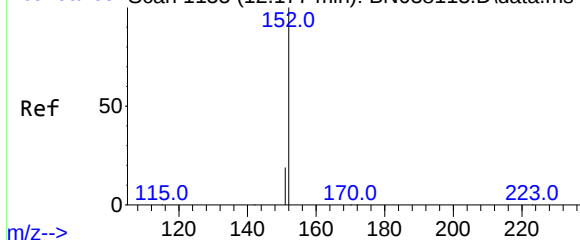
Abundance



Abundance Scan 782 (8.929 min): BN038190.D\data.ms (-76



Abundance Scan 1155 (12.177 min): BN038113.D\data.ms (-



#11

2-Methylnaphthalene-d10

Concen: 0.276 ng

RT: 12.172 min Scan# 1154

Delta R.T. -0.005 min

Lab File: BN038190.D

Acq: 12 Nov 2025 13:45

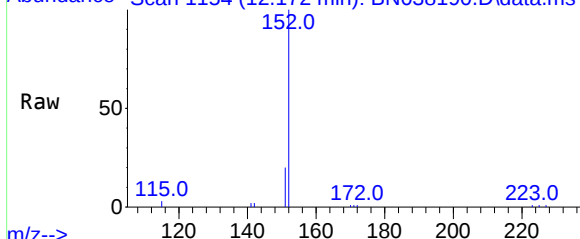
Tgt Ion: 152 Resp: 10186

Ion Ratio Lower Upper

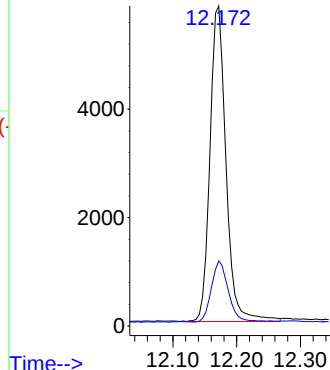
152 100

151 20.8 16.8 25.2

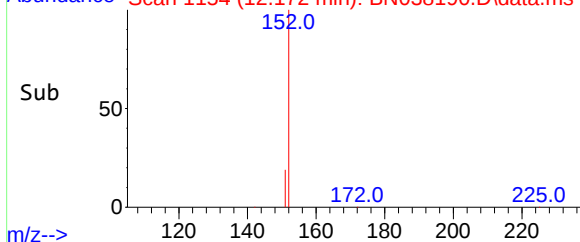
Abundance Scan 1154 (12.172 min): BN038190.D\data.ms

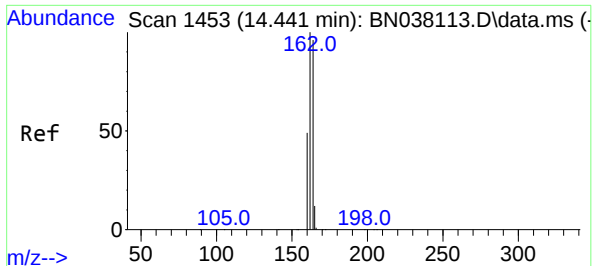


Abundance



Abundance Scan 1154 (12.172 min): BN038190.D\data.ms (-





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.430 min Scan# 1453

Delta R.T. 0.000 min

Lab File: BN038190.D

Acq: 12 Nov 2025 13:45

Instrument :

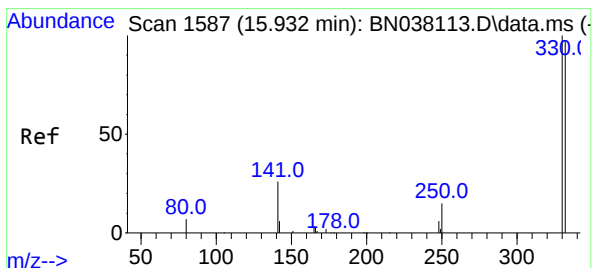
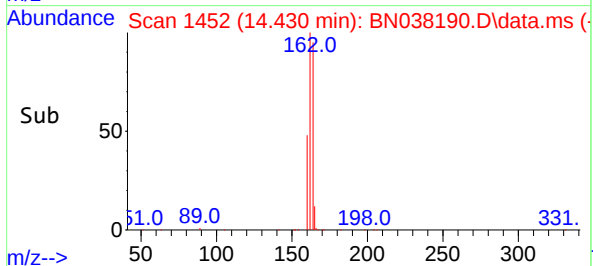
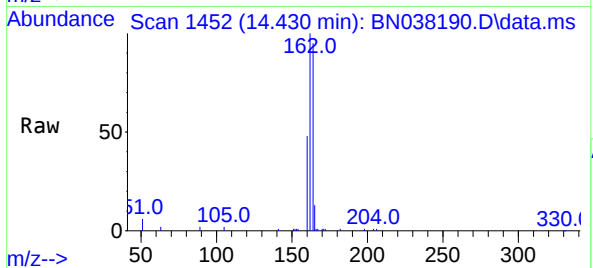
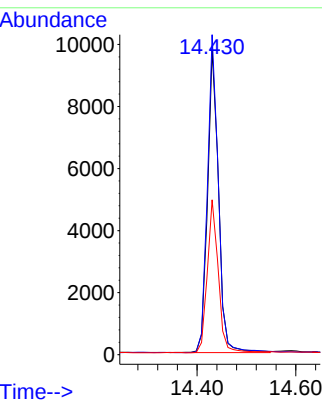
BNA_N

ClientSampleId :

SW-3

Tgt Ion:164 Resp: 15079

Ion	Ratio	Lower	Upper
164	100		
162	104.9	83.0	124.4
160	50.8	40.7	61.1



#14

2,4,6-Tribromophenol

Concen: 0.343 ng

RT: 15.932 min Scan# 1587

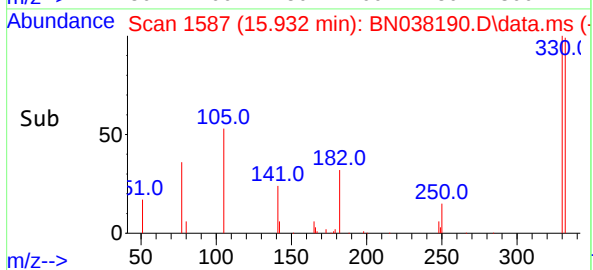
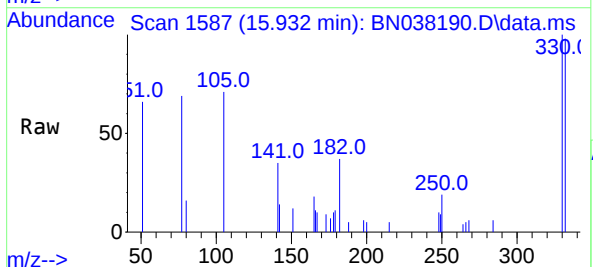
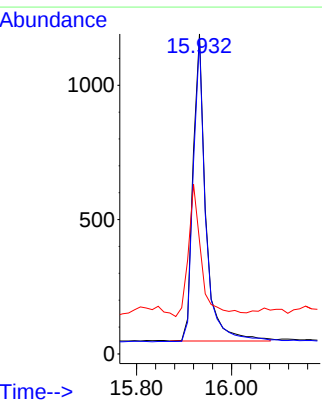
Delta R.T. 0.000 min

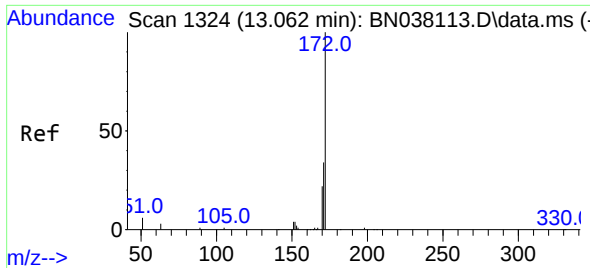
Lab File: BN038190.D

Acq: 12 Nov 2025 13:45

Tgt Ion:330 Resp: 2134

Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.6	114.8
141	44.6	34.1	51.1

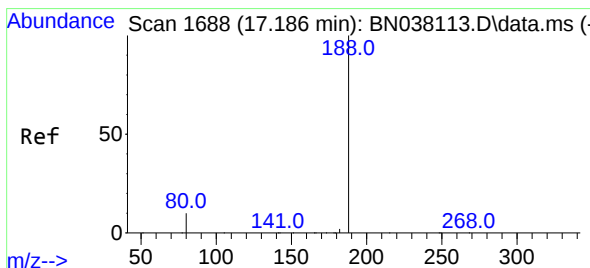
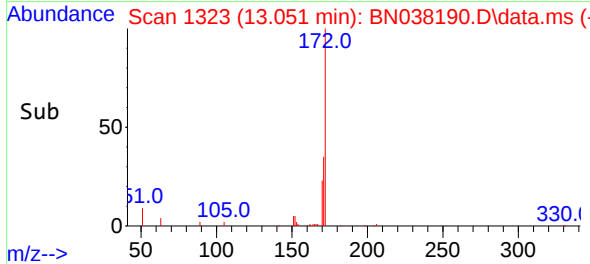
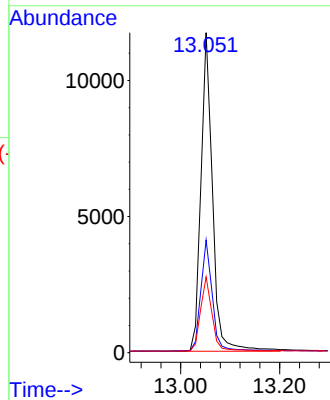
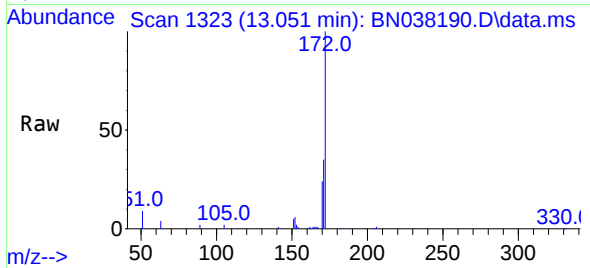




#15
2-Fluorobiphenyl
Concen: 0.298 ng
RT: 13.051 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BN038190.D
Acq: 12 Nov 2025 13:45

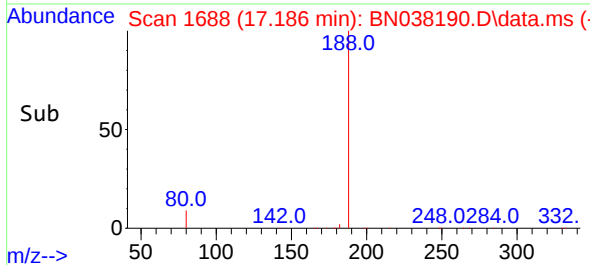
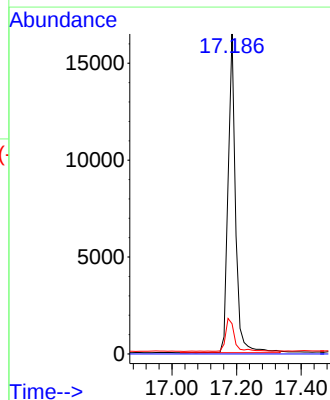
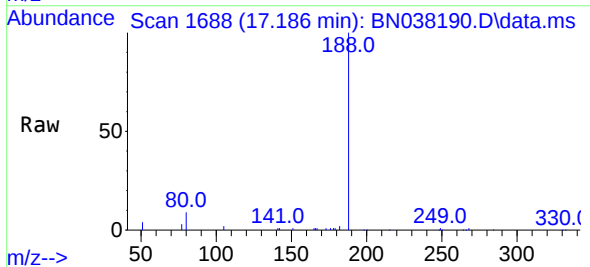
Instrument :
BNA_N
ClientSampleId :
SW-3

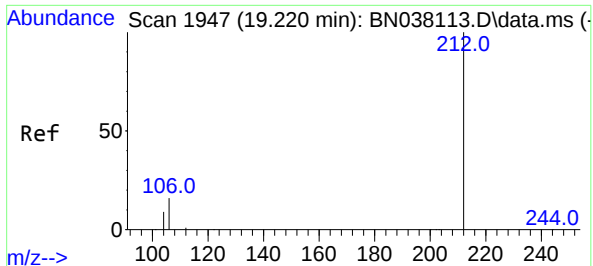
Tgt Ion:	172	Resp:	18021
Ion Ratio	Lower	Upper	
172	100		
171	35.2	27.8	41.6
170	23.7	18.1	27.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1688
Delta R.T. 0.000 min
Lab File: BN038190.D
Acq: 12 Nov 2025 13:45

Tgt Ion:	188	Resp:	26367
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	9.4	8.6	13.0

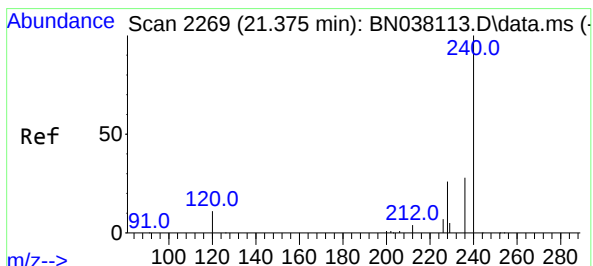
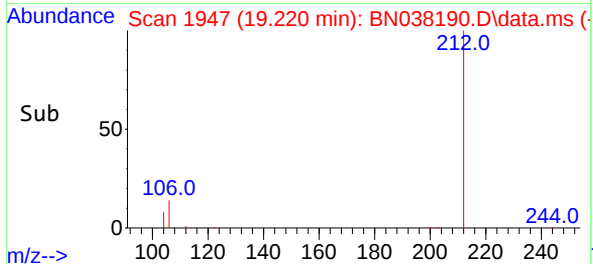
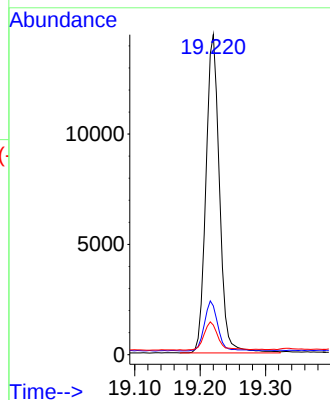
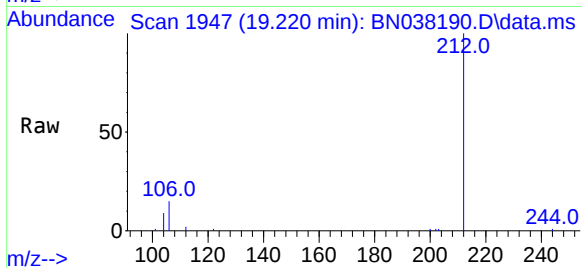




#27
Fluoranthene-d10
Concen: 0.312 ng
RT: 19.220 min Scan# 1947
Delta R.T. 0.000 min
Lab File: BN038190.D
Acq: 12 Nov 2025 13:45

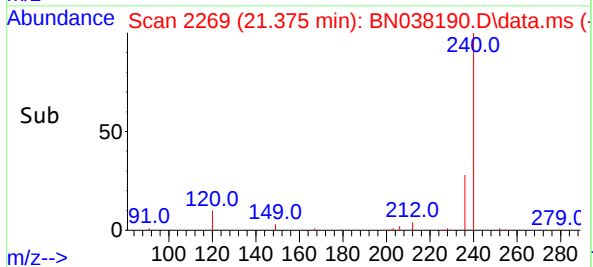
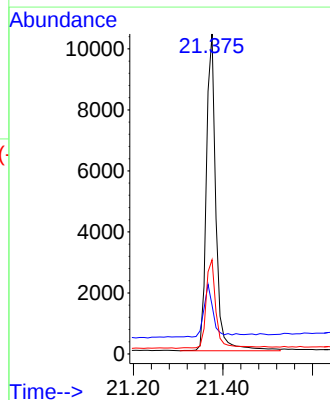
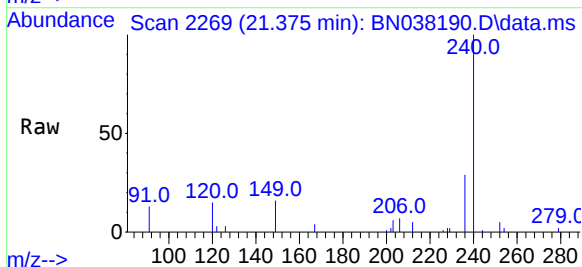
Instrument :
BNA_N
ClientSampleId :
SW-3

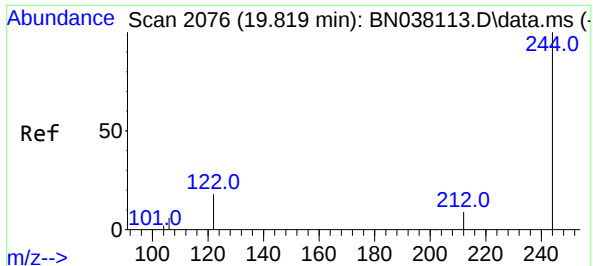
Tgt Ion	Ratio	Lower	Upper
212	100		
106	15.5	12.6	19.0
104	9.0	7.1	10.7



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.375 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BN038190.D
Acq: 12 Nov 2025 13:45

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.2	10.7	16.1
236	29.4	23.1	34.7





#31

Terphenyl-d14

Concen: 0.513 ng

RT: 19.819 min Scan# 2076

Delta R.T. 0.000 min

Lab File: BN038190.D

Acq: 12 Nov 2025 13:45

Instrument :

BNA_N

ClientSampleId :

SW-3

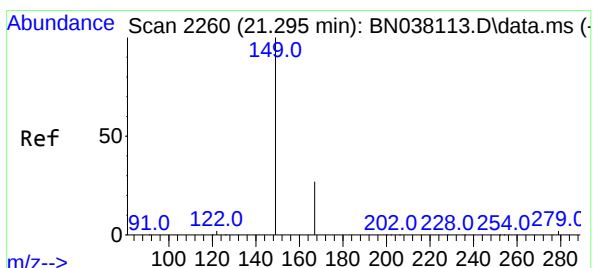
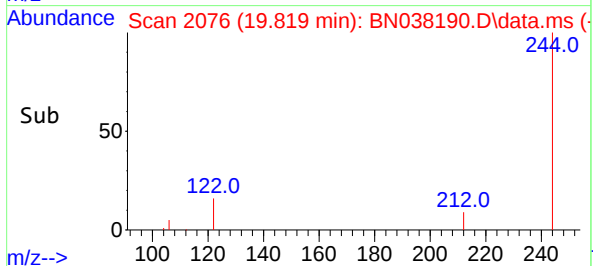
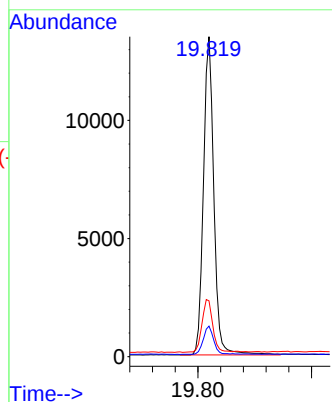
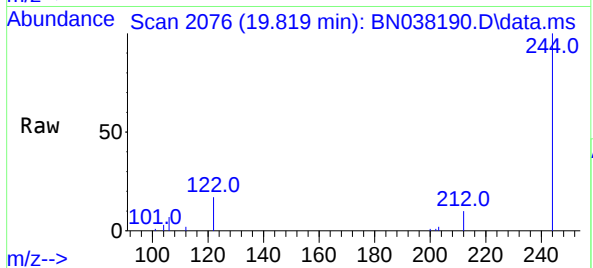
Tgt Ion:244 Resp: 17142

Ion Ratio Lower Upper

244 100

212 9.5 7.8 11.6

122 17.5 15.2 22.8



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.095 ng

RT: 21.295 min Scan# 2260

Delta R.T. 0.000 min

Lab File: BN038190.D

Acq: 12 Nov 2025 13:45

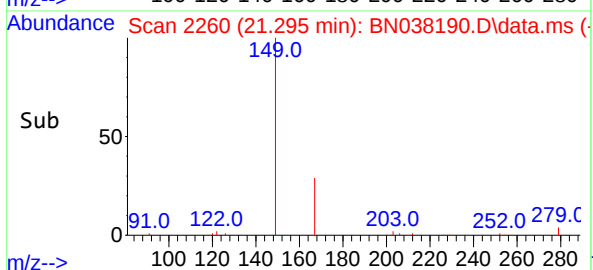
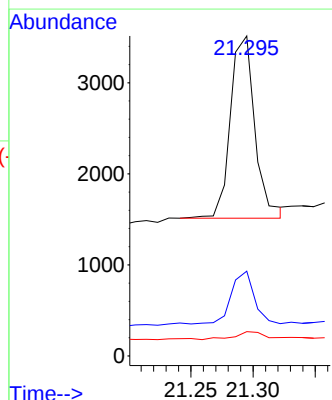
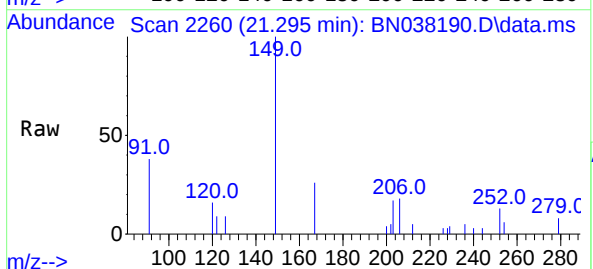
Tgt Ion:149 Resp: 2750

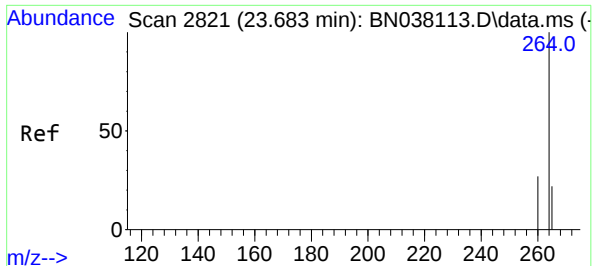
Ion Ratio Lower Upper

149 100

167 27.6 21.1 31.7

279 6.7 2.9 4.3#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.683 min Scan# 21

Delta R.T. 0.003 min

Lab File: BN038190.D

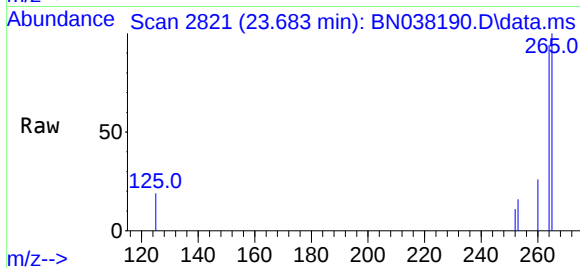
Acq: 12 Nov 2025 13:45

Instrument :

BNA_N

ClientSampleId :

SW-3



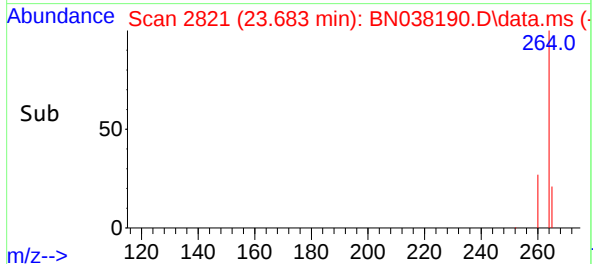
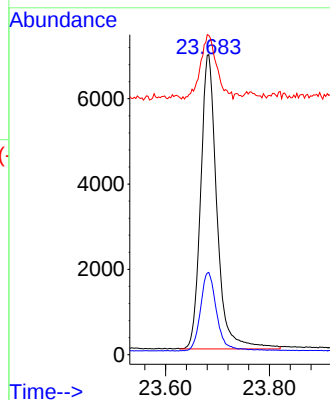
Tgt Ion:264 Resp: 14958

Ion Ratio Lower Upper

264 100

260 27.4 21.8 32.8

265 106.4 68.6 102.8#



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111225\
Data File : BN038192.D
Acq On : 12 Nov 2025 14:58
Operator : RC/JU
Sample : Q3584-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EB-2

A
B
C
D
E
F
G
H
I
J
K

Quant Time: Nov 12 15:22:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration

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

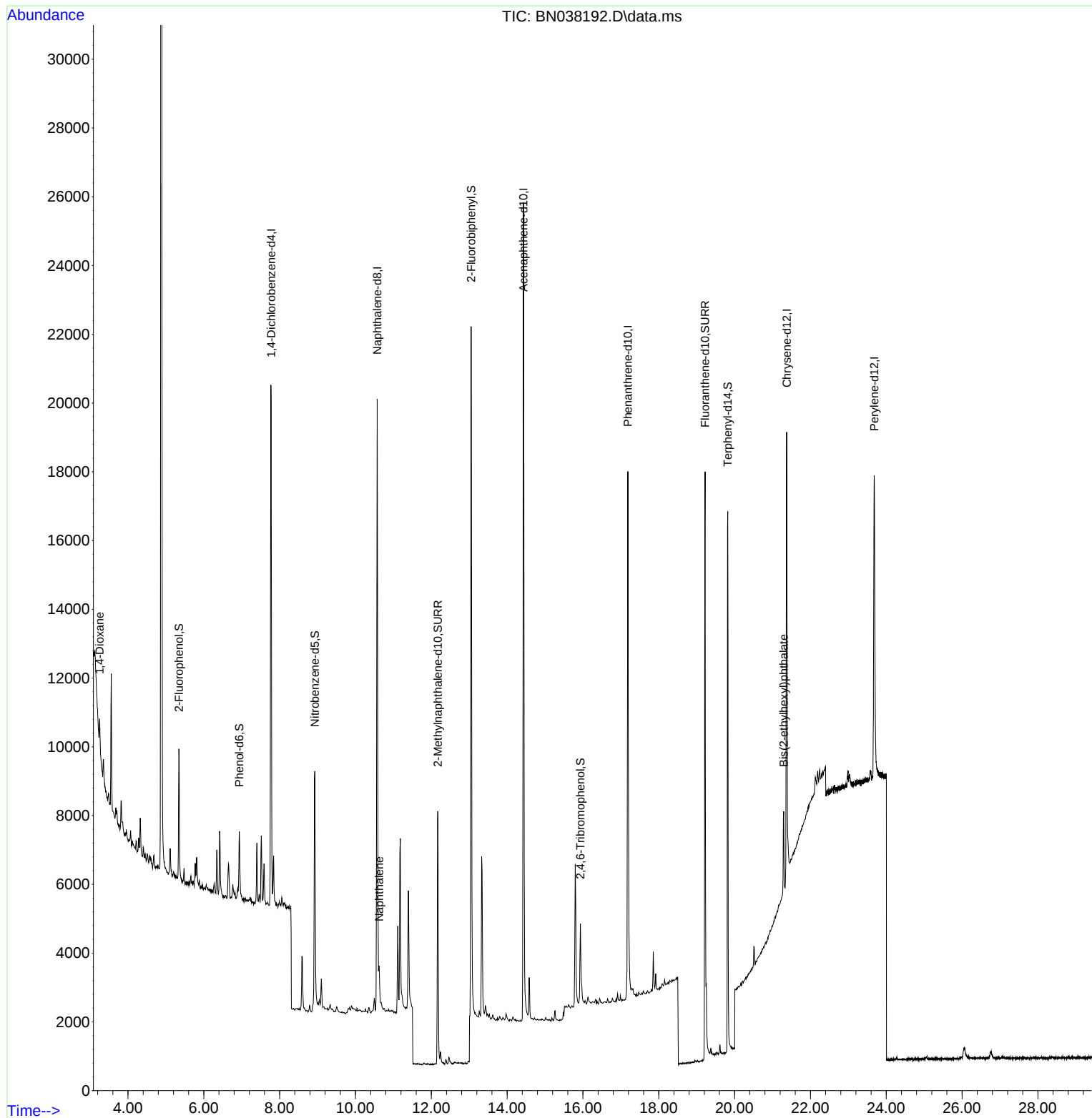
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	7967	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	24614	0.400	ng	# 0.00
13) Acenaphthene-d10	14.430	164	14329	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	23415	0.400	ng	0.00
29) Chrysene-d12	21.376	240	13728	0.400	ng	0.00
35) Perylene-d12	23.683	264	13529	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	3105	0.165	ng	0.00
5) Phenol-d6	6.937	99	2212	0.097	ng	0.00
8) Nitrobenzene-d5	8.929	82	6680	0.336	ng	0.00
11) 2-Methylnaphthalene-d10	12.172	152	10806	0.307	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	1639	0.278	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	18786	0.327	ng	0.00
27) Fluoranthene-d10	19.220	212	19795	0.335	ng	0.00
31) Terphenyl-d14	19.819	244	16190	0.543	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.254	88	583	0.071	ng	# 48
9) Naphthalene	10.626	128	1397	0.021	ng	# 81
34) Bis(2-ethylhexyl)phtha...	21.295	149	2560	0.099	ng	99

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

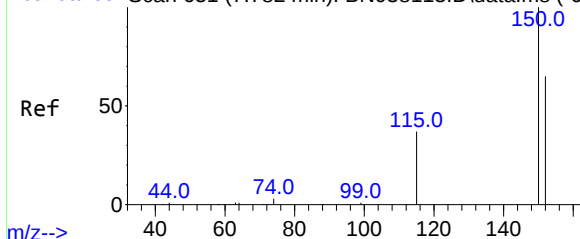
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111225\
Data File : BN038192.D
Acq On : 12 Nov 2025 14:58
Operator : RC/JU
Sample : Q3584-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EB-2

Quant Time: Nov 12 15:22:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration

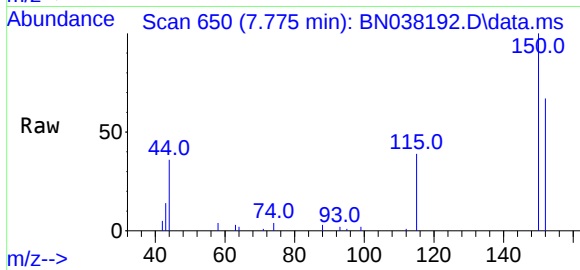


Abundance Scan 651 (7.782 min): BN038113.D\data.ms (-64

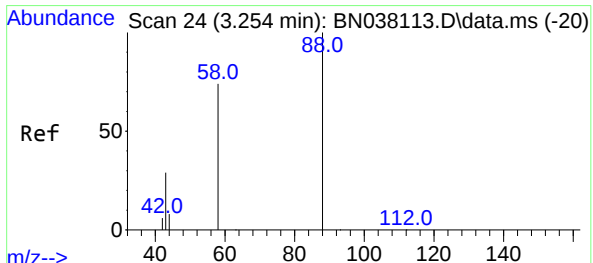
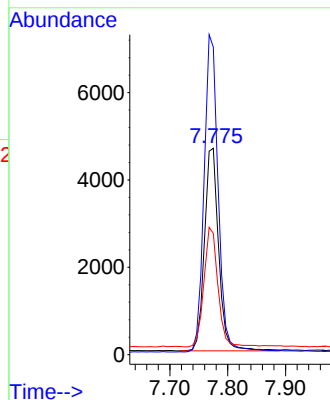
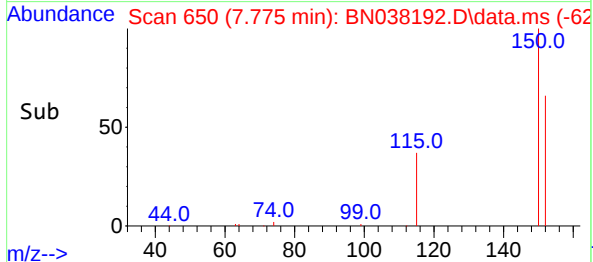


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.775 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN038192.D
Acq: 12 Nov 2025 14:58

Instrument :
BNA_N
ClientSampleId :
EB-2

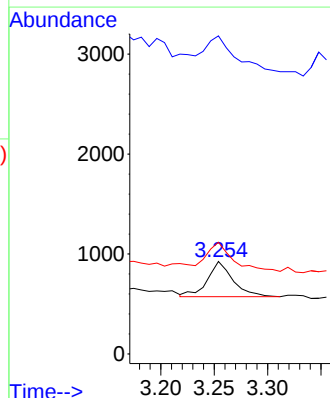
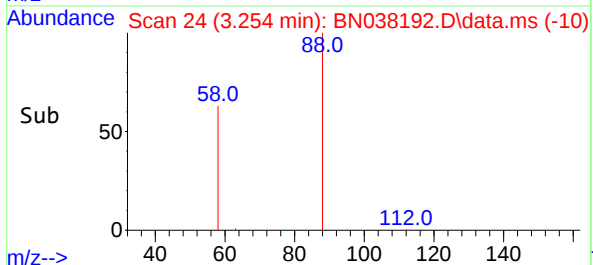
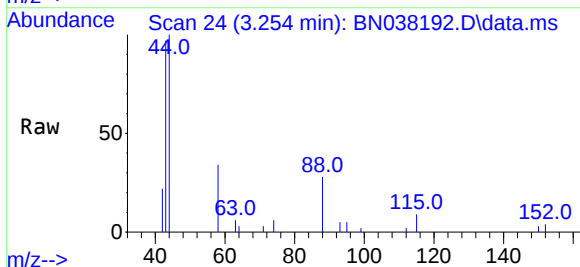


Tgt Ion:152 Resp: 7967
Ion Ratio Lower Upper
152 100
150 149.0 122.3 183.5
115 58.8 47.4 71.0

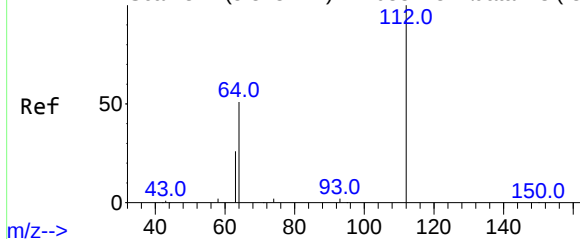


#2
1,4-Dioxane
Concen: 0.071 ng
RT: 3.254 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN038192.D
Acq: 12 Nov 2025 14:58

Tgt Ion: 88 Resp: 583
Ion Ratio Lower Upper
88 100
43 117.2 24.3 36.5#
58 83.2 60.4 90.6



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



#4

2-Fluorophenol

Concen: 0.165 ng

RT: 5.348 min Scan# 314

Delta R.T. 0.000 min

Lab File: BN038192.D

Acq: 12 Nov 2025 14:58

Instrument :

BNA_N

ClientSampleId :

EB-2

Tgt Ion:112 Resp: 3105

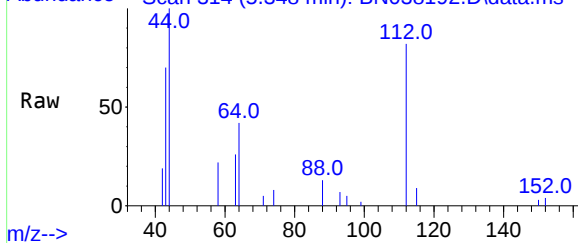
Ion Ratio Lower Upper

112 100

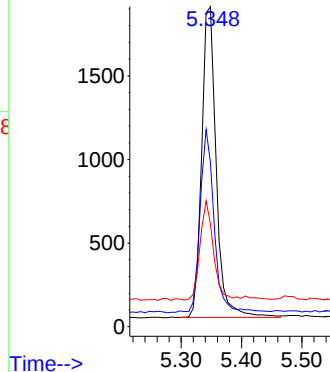
64 57.4 45.4 68.0

63 29.5 23.2 34.8

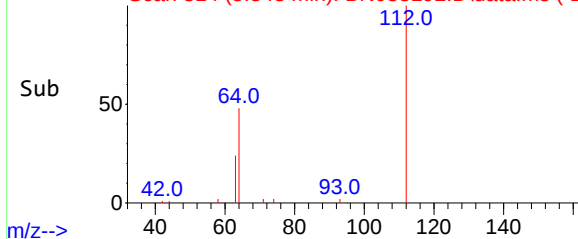
Abundance Scan 314 (5.348 min): BN038192.D\data.ms



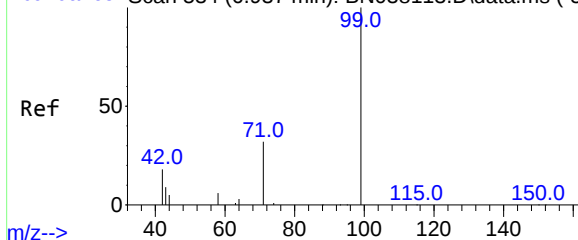
Abundance



Abundance Scan 314 (5.348 min): BN038192.D\data.ms (-28



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



#5

Phenol-d6

Concen: 0.097 ng

RT: 6.937 min Scan# 534

Delta R.T. 0.000 min

Lab File: BN038192.D

Acq: 12 Nov 2025 14:58

Tgt Ion: 99 Resp: 2212

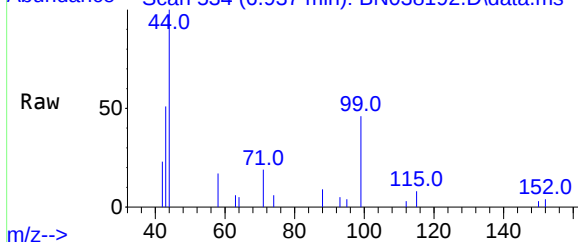
Ion Ratio Lower Upper

99 100

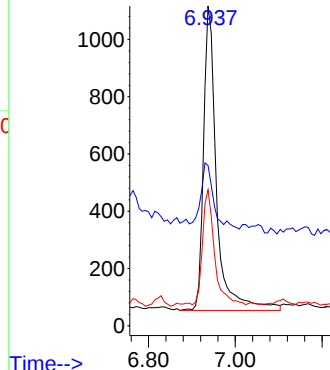
42 21.4 16.6 24.8

71 36.9 25.4 38.2

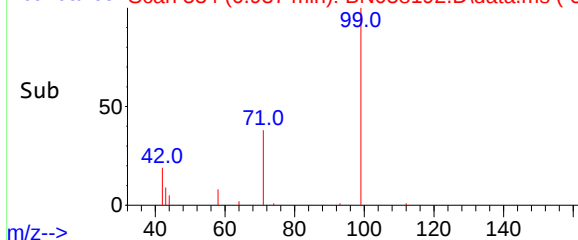
Abundance Scan 534 (6.937 min): BN038192.D\data.ms

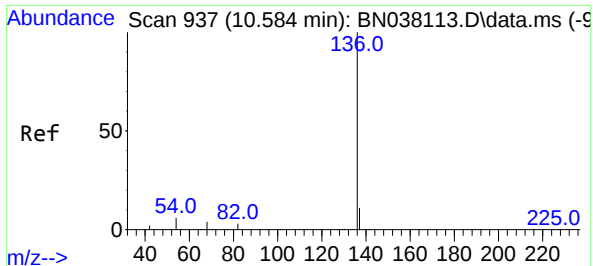


Abundance



Abundance Scan 534 (6.937 min): BN038192.D\data.ms (-50



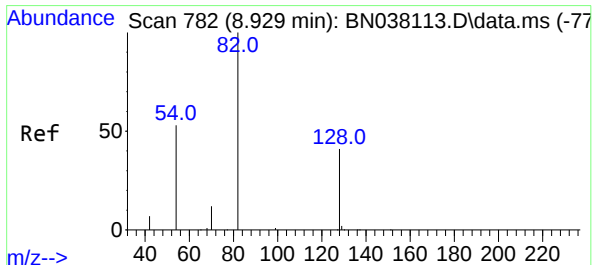
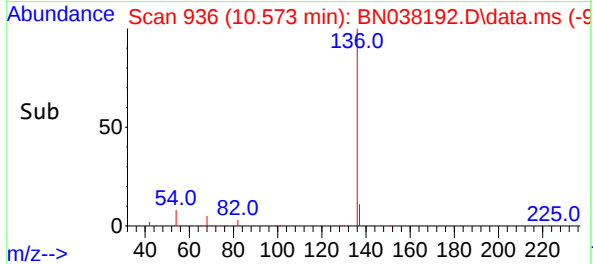
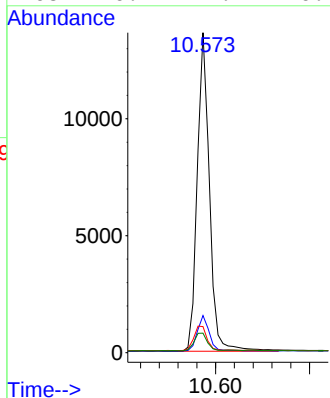
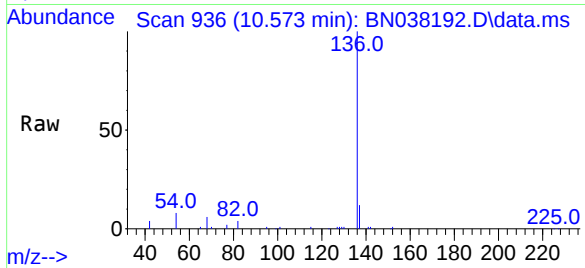


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN038192.D
Acq: 12 Nov 2025 14:58

Instrument :
BNA_N
ClientSampleId :
EB-2

Tgt Ion:136 Resp: 24614

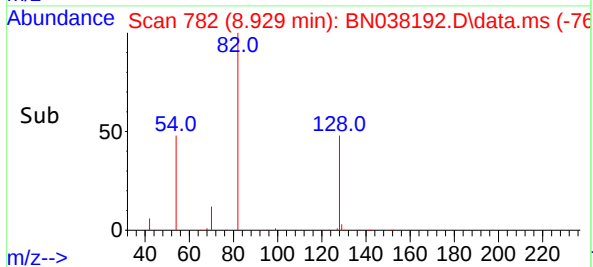
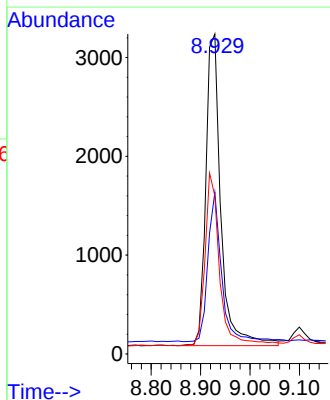
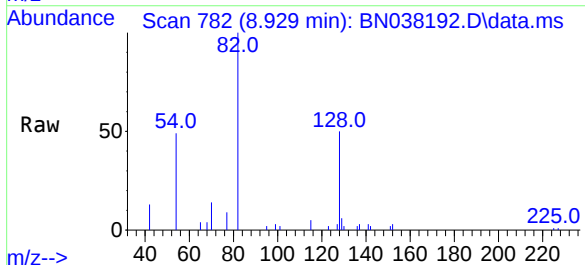
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.4
54	8.2	5.2	7.8#
68	6.1	4.1	6.1

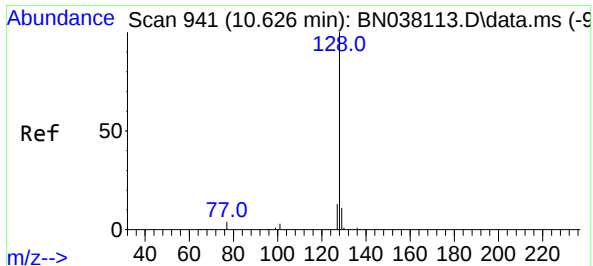


#8
Nitrobenzene-d5
Concen: 0.336 ng
RT: 8.929 min Scan# 782
Delta R.T. 0.000 min
Lab File: BN038192.D
Acq: 12 Nov 2025 14:58

Tgt Ion: 82 Resp: 6680

Ion	Ratio	Lower	Upper
82	100		
128	50.5	34.1	51.1
54	49.4	43.5	65.3

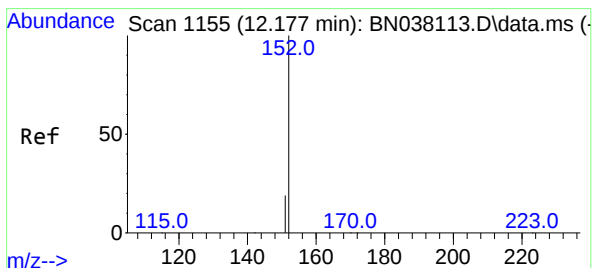
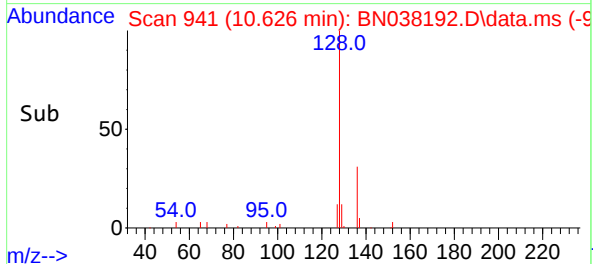
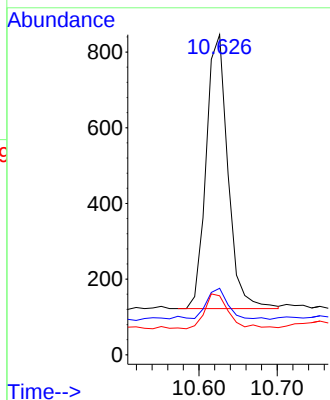
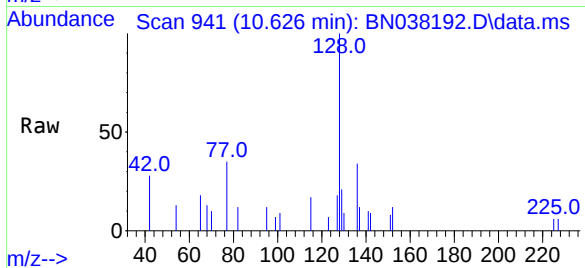




#9
Naphthalene
Concen: 0.021 ng
RT: 10.626 min Scan# 941
Delta R.T. 0.000 min
Lab File: BN038192.D
Acq: 12 Nov 2025 14:58

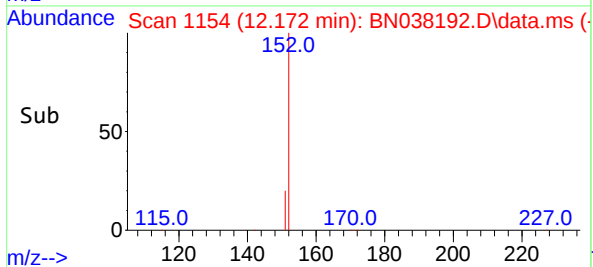
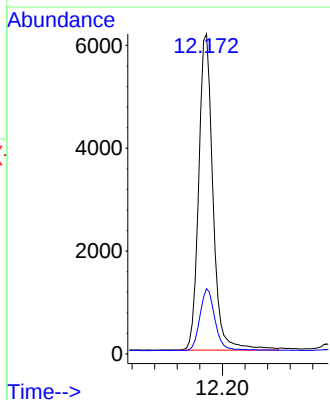
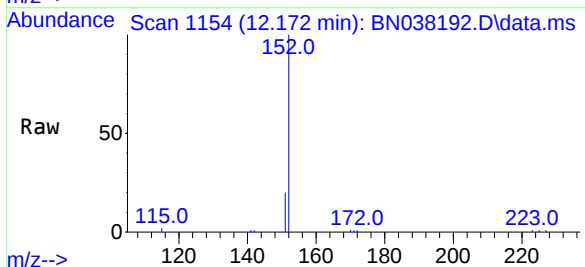
Instrument :
BNA_N
ClientSampleId :
EB-2

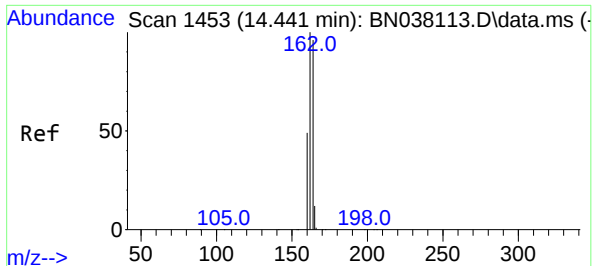
Tgt Ion	Ratio	Lower	Upper
128	100		
129	20.8	9.1	13.7#
127	18.4	10.5	15.7#



#11
2-Methylnaphthalene-d10
Concen: 0.307 ng
RT: 12.172 min Scan# 1154
Delta R.T. -0.005 min
Lab File: BN038192.D
Acq: 12 Nov 2025 14:58

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.8	25.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.430 min Scan# 14

Delta R.T. 0.000 min

Lab File: BN038192.D

Acq: 12 Nov 2025 14:58

Instrument :

BNA_N

ClientSampleId :

EB-2

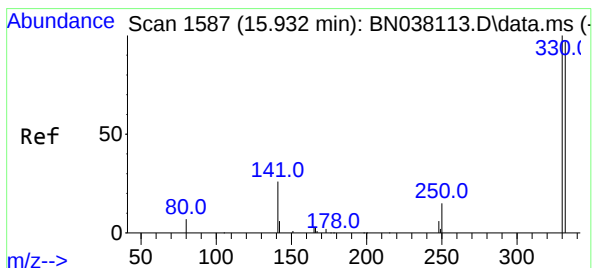
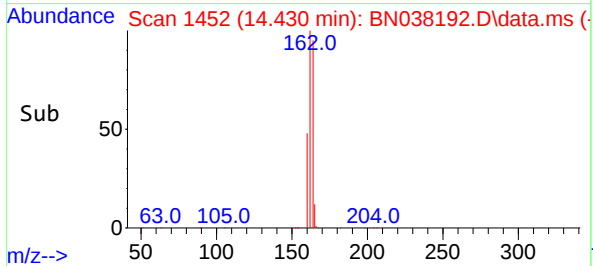
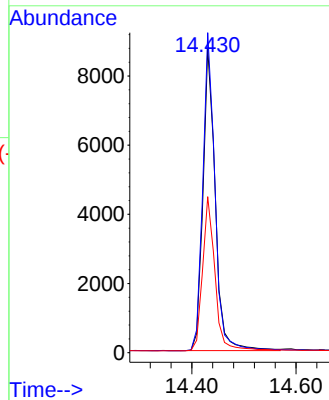
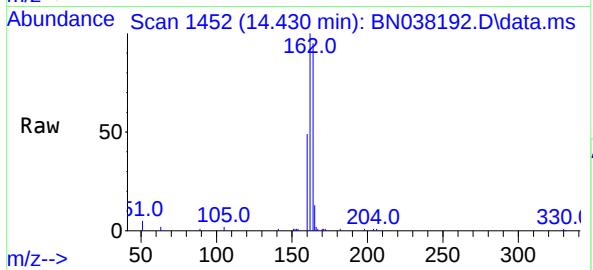
Tgt Ion:164 Resp: 14329

Ion Ratio Lower Upper

164 100

162 105.1 83.0 124.4

160 51.3 40.7 61.1



#14

2,4,6-Tribromophenol

Concen: 0.278 ng

RT: 15.932 min Scan# 1587

Delta R.T. 0.000 min

Lab File: BN038192.D

Acq: 12 Nov 2025 14:58

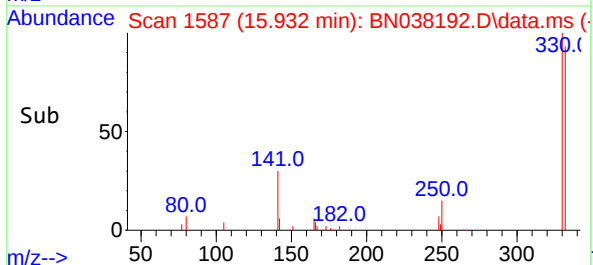
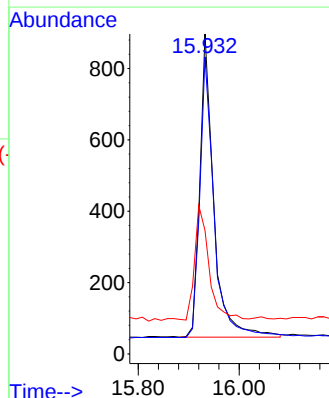
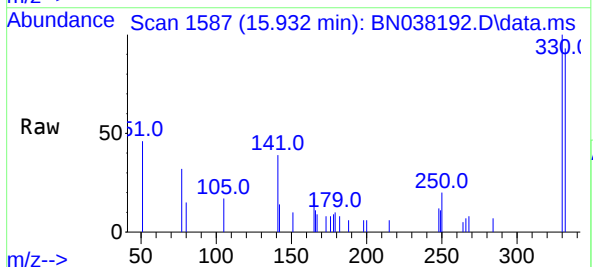
Tgt Ion:330 Resp: 1639

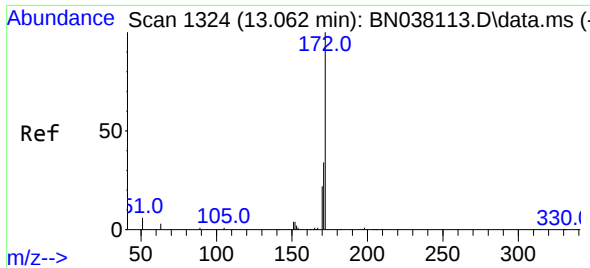
Ion Ratio Lower Upper

330 100

332 94.8 76.6 114.8

141 39.8 34.1 51.1

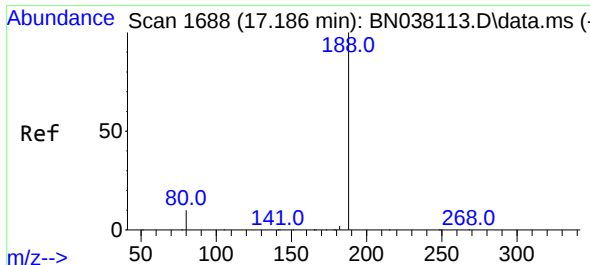
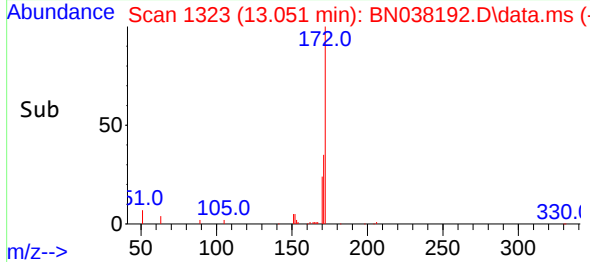
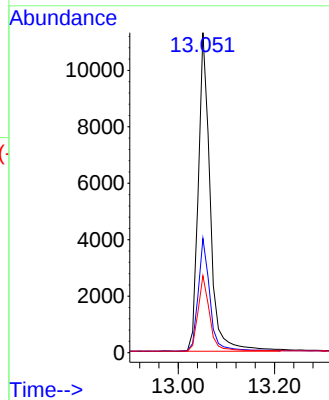
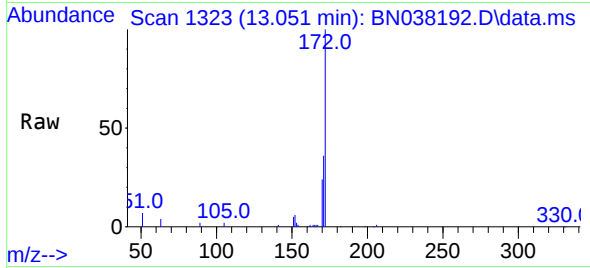




#15
2-Fluorobiphenyl
Concen: 0.327 ng
RT: 13.051 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BN038192.D
Acq: 12 Nov 2025 14:58

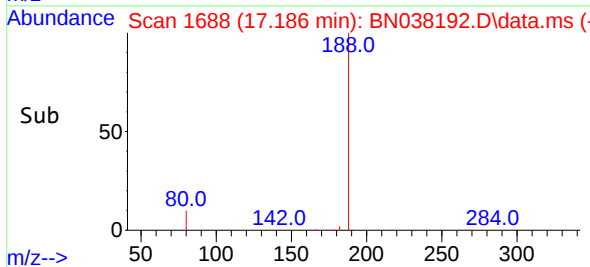
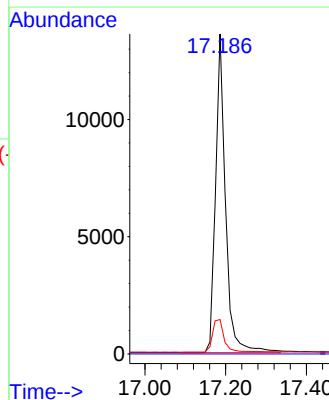
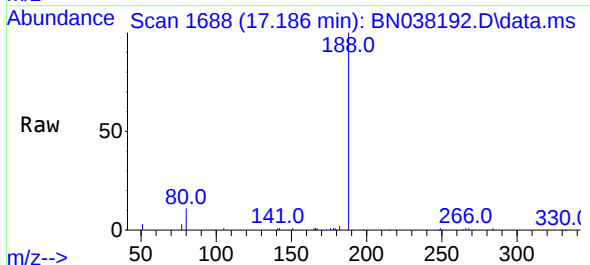
Instrument :
BNA_N
ClientSampleId :
EB-2

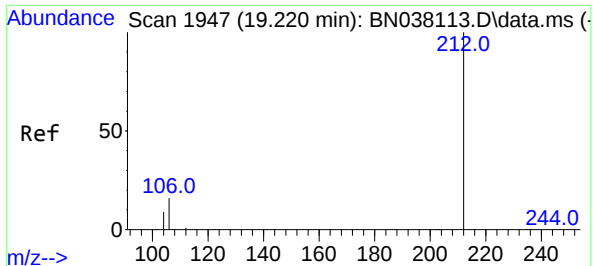
Tgt Ion:	172	Resp:	18786
Ion Ratio	Lower	Upper	
172	100		
171	35.7	27.8	41.6
170	24.0	18.1	27.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1688
Delta R.T. 0.000 min
Lab File: BN038192.D
Acq: 12 Nov 2025 14:58

Tgt Ion:	188	Resp:	23415
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	10.8	8.6	13.0

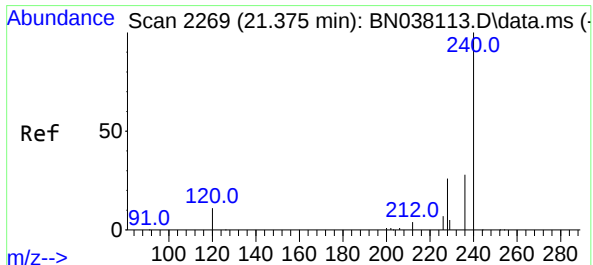
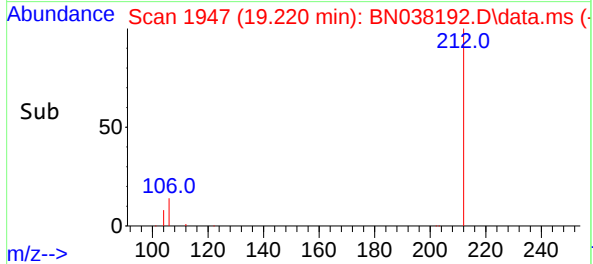
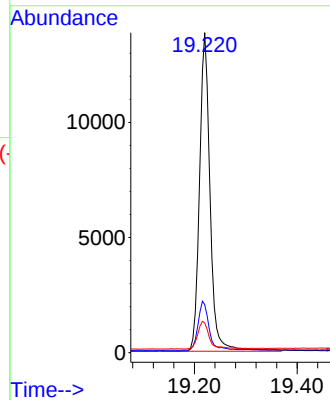
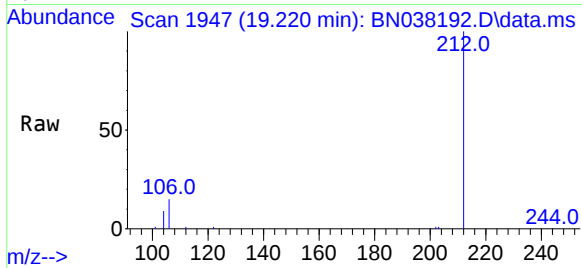




#27
Fluoranthene-d10
Concen: 0.335 ng
RT: 19.220 min Scan# 1947
Delta R.T. 0.000 min
Lab File: BN038192.D
Acq: 12 Nov 2025 14:58

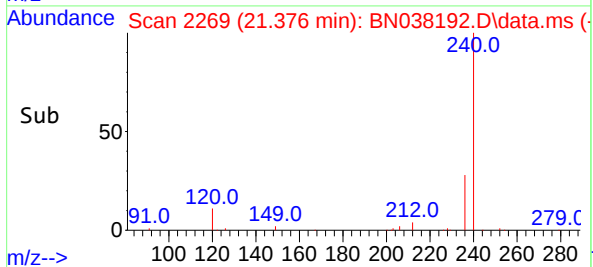
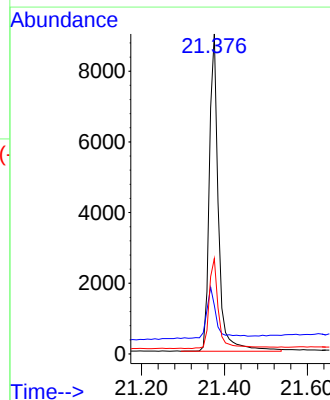
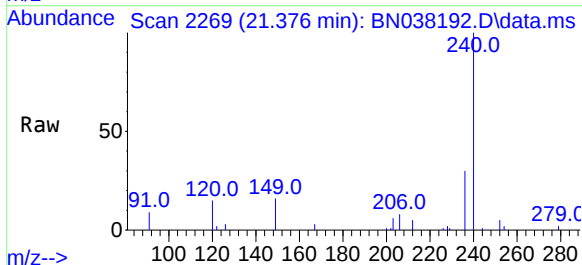
Instrument :
BNA_N
ClientSampleId :
EB-2

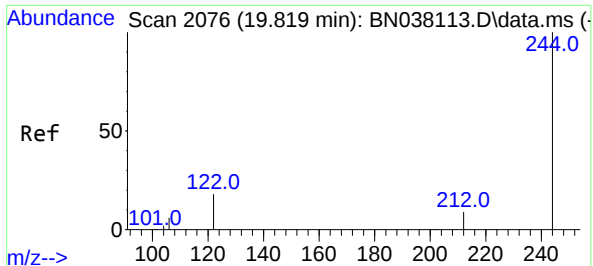
Tgt Ion:	212	Resp:	19795
Ion	Ratio	Lower	Upper
212	100		
106	16.2	12.6	19.0
104	9.7	7.1	10.7



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.376 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BN038192.D
Acq: 12 Nov 2025 14:58

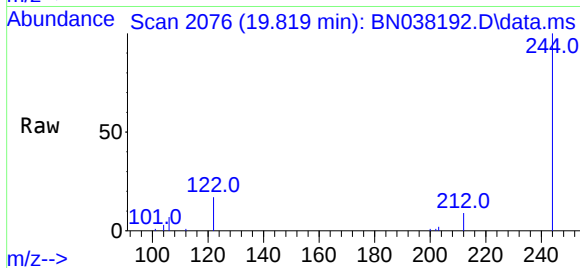
Tgt Ion:	240	Resp:	13728
Ion	Ratio	Lower	Upper
240	100		
120	15.2	10.7	16.1
236	29.8	23.1	34.7



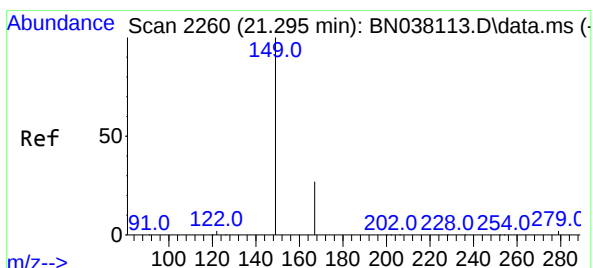
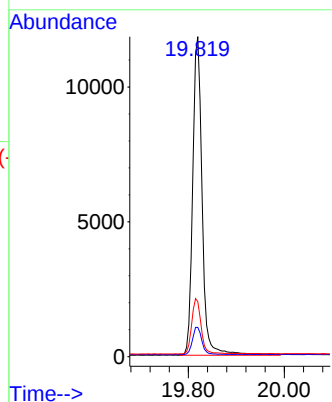


#31
Terphenyl-d14
Concen: 0.543 ng
RT: 19.819 min Scan# 2076
Delta R.T. 0.000 min
Lab File: BN038192.D
Acq: 12 Nov 2025 14:58

Instrument :
BNA_N
ClientSampleId :
EB-2

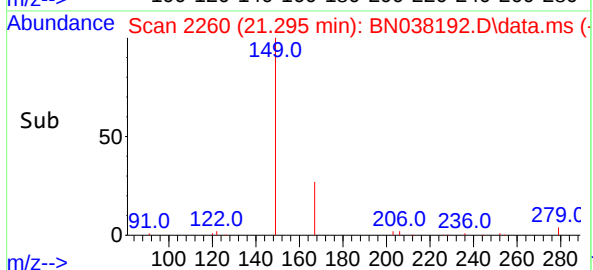
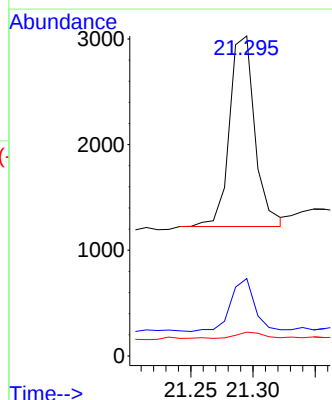
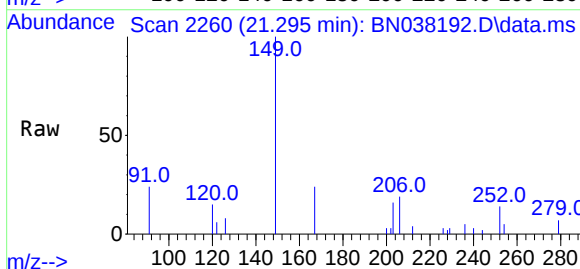


Tgt Ion:244 Resp: 16190
Ion Ratio Lower Upper
244 100
212 9.1 7.8 11.6
122 17.2 15.2 22.8

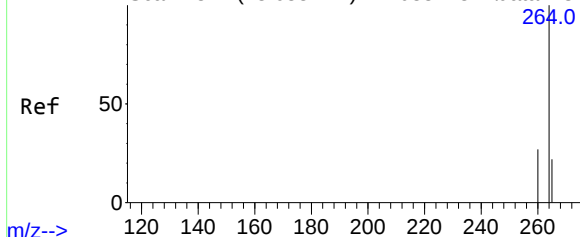


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.099 ng
RT: 21.295 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BN038192.D
Acq: 12 Nov 2025 14:58

Tgt Ion:149 Resp: 2560
Ion Ratio Lower Upper
149 100
167 26.8 21.1 31.7
279 3.6 2.9 4.3



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



#35

Perylene-d12

Concen: 0.400 ng

RT: 23.683 min Scan# 21

Delta R.T. 0.003 min

Lab File: BN038192.D

Acq: 12 Nov 2025 14:58

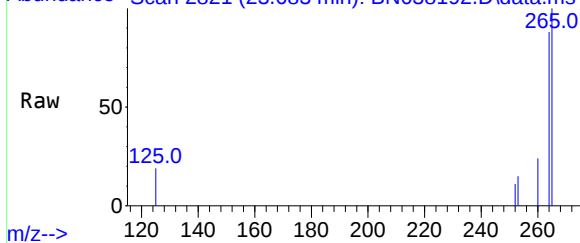
Instrument :

BNA_N

ClientSampleId :

EB-2

Abundance Scan 2821 (23.683 min): BN038192.D\data.ms (-



Tgt Ion:264 Resp: 13529

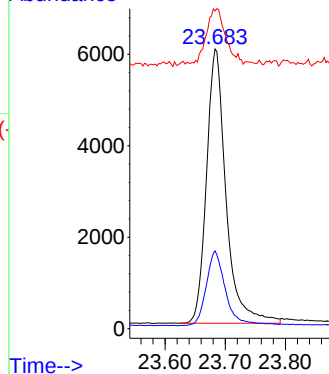
Ion Ratio Lower Upper

264 100

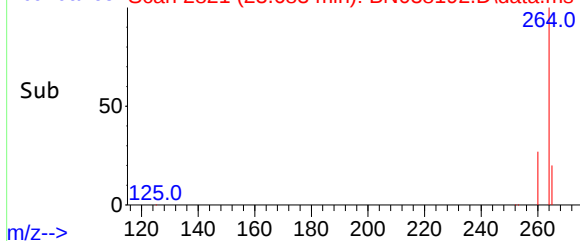
260 27.8 21.8 32.8

265 113.7 68.6 102.8#

Abundance



Abundance Scan 2821 (23.683 min): BN038192.D\data.ms (-



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111225\
 Data File : BN038193.D
 Acq On : 12 Nov 2025 15:34
 Operator : RC/JU
 Sample : Q3584-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 FB-2

A
B
C
D
E
F
G
H
I
J
K

Quant Time: Nov 12 16:02:25 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 29 13:09:46 2025
 Response via : Initial Calibration

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

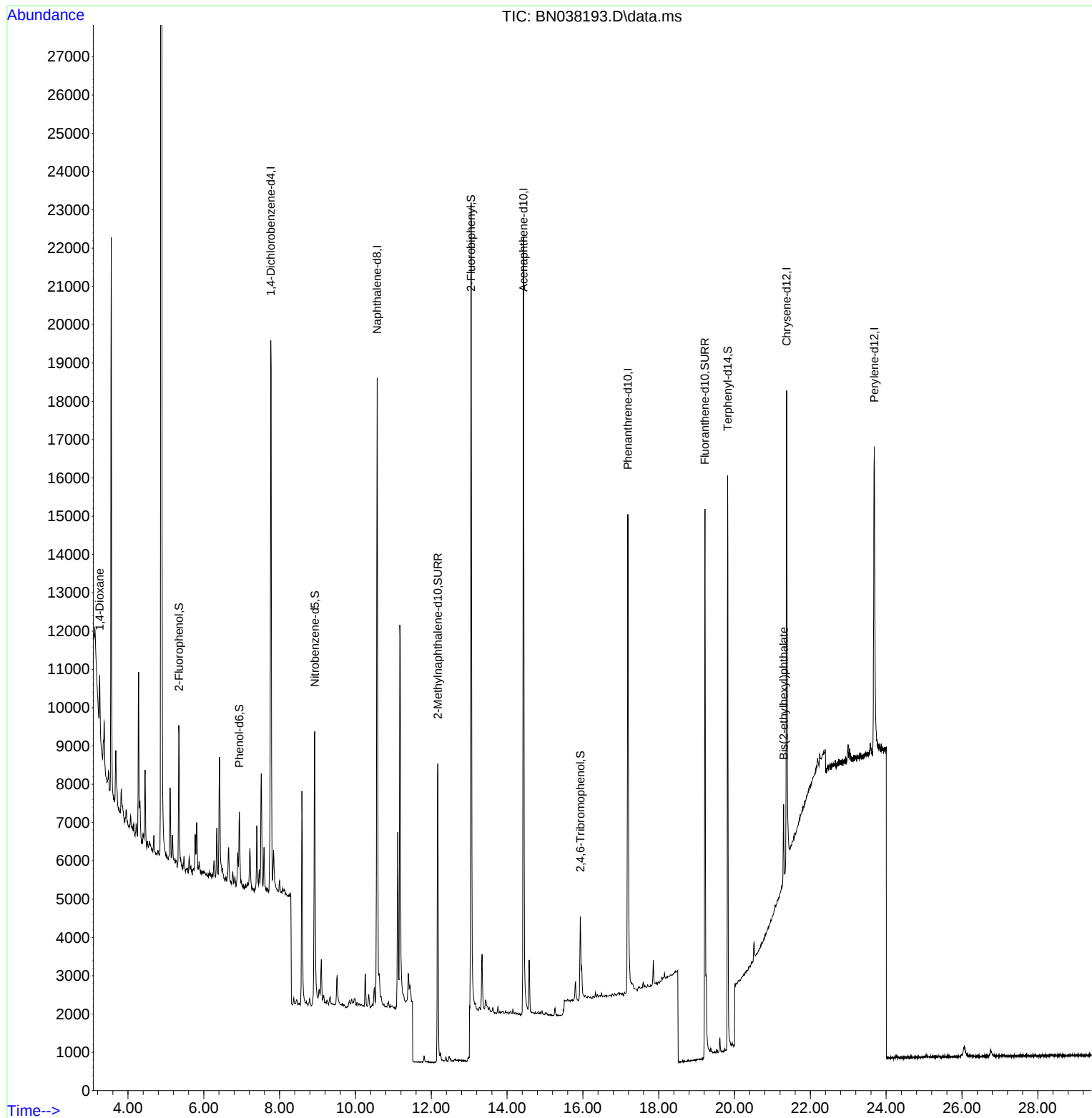
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.768	152	7532	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	22809	0.400	ng	# 0.00
13) Acenaphthene-d10	14.430	164	12555	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	19699	0.400	ng	0.00
29) Chrysene-d12	21.375	240	13022	0.400	ng	# 0.00
35) Perylene-d12	23.686	264	12879	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	3038	0.171	ng	0.00
5) Phenol-d6	6.937	99	2167	0.100	ng	0.00
8) Nitrobenzene-d5	8.929	82	6826	0.371	ng	0.00
11) 2-Methylnaphthalene-d10	12.172	152	10949	0.336	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	1548	0.299	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	19515	0.388	ng	0.00
27) Fluoranthene-d10	19.220	212	17319	0.349	ng	0.00
31) Terphenyl-d14	19.819	244	15311	0.541	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.254	88	785	0.101	ng	# 31
34) Bis(2-ethylhexyl)phtha...	21.295	149	2038	0.083	ng	98

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

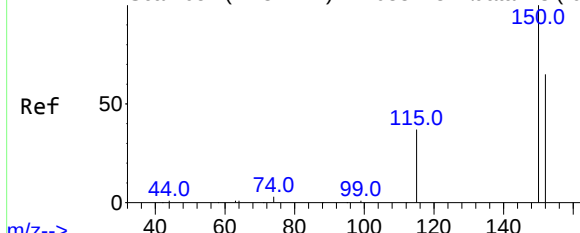
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111225\
Data File : BN038193.D
Acq On : 12 Nov 2025 15:34
Operator : RC/JU
Sample : Q3584-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
FB-2

Quant Time: Nov 12 16:02:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration



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



#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.768 min Scan# 64

Delta R.T. -0.007 min

Lab File: BN038193.D

Acq: 12 Nov 2025 15:34

Instrument :

BNA_N

ClientSampleId :

FB-2

Tgt Ion:152 Resp: 7532

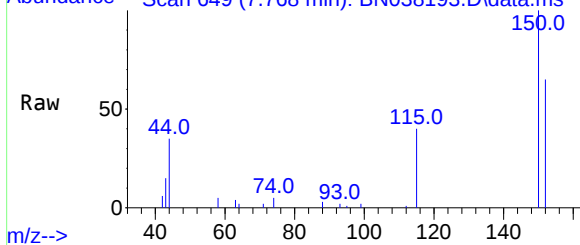
Ion Ratio Lower Upper

152 100

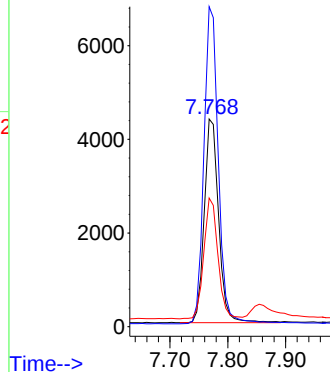
150 154.0 122.3 183.5

115 61.9 47.4 71.0

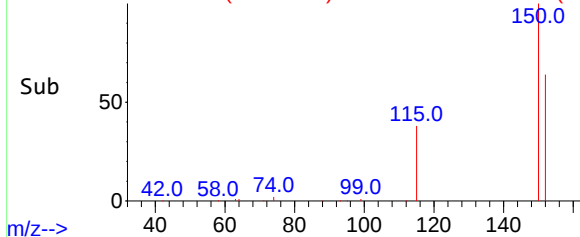
Abundance Scan 649 (7.768 min): BN038193.D\data.ms



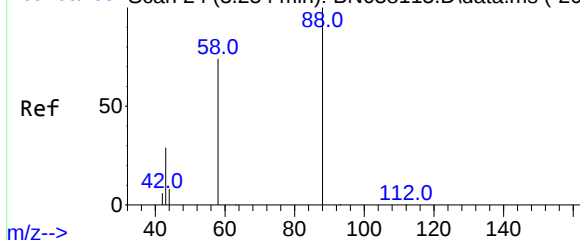
Abundance



Abundance Scan 649 (7.768 min): BN038193.D\data.ms (-62)



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



#2

1,4-Dioxane

Concen: 0.101 ng

RT: 3.254 min Scan# 24

Delta R.T. 0.000 min

Lab File: BN038193.D

Acq: 12 Nov 2025 15:34

Tgt Ion: 88 Resp: 785

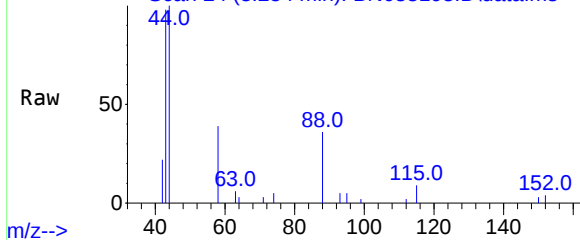
Ion Ratio Lower Upper

88 100

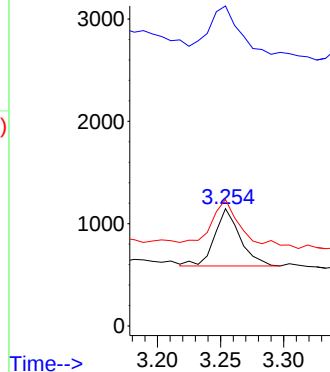
43 115.4 24.3 36.5#

58 104.6 60.4 90.6#

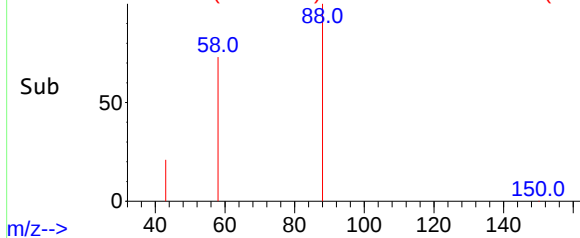
Abundance Scan 24 (3.254 min): BN038193.D\data.ms



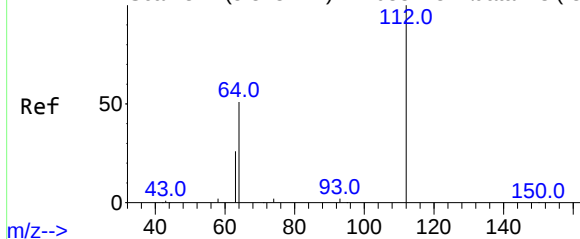
Abundance



Abundance Scan 24 (3.254 min): BN038193.D\data.ms (-10)



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



#4

2-Fluorophenol

Concen: 0.171 ng

RT: 5.348 min Scan# 314

Delta R.T. 0.000 min

Lab File: BN038193.D

Acq: 12 Nov 2025 15:34

Instrument :

BNA_N

ClientSampleId :

FB-2

Tgt Ion:112 Resp: 3038

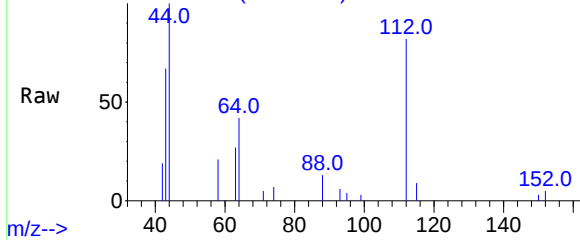
Ion Ratio Lower Upper

112 100

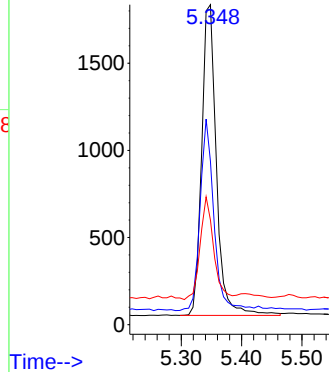
64 57.6 45.4 68.0

63 30.2 23.2 34.8

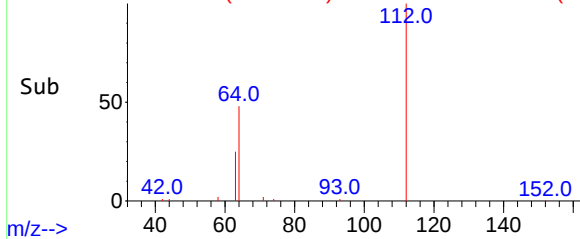
Abundance Scan 314 (5.348 min): BN038193.D\data.ms



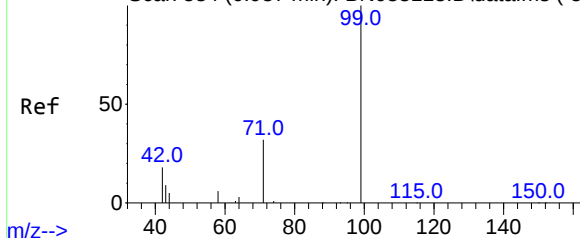
Abundance



Abundance Scan 314 (5.348 min): BN038193.D\data.ms (-28



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



#5

Phenol-d6

Concen: 0.100 ng

RT: 6.937 min Scan# 534

Delta R.T. 0.000 min

Lab File: BN038193.D

Acq: 12 Nov 2025 15:34

Tgt Ion: 99 Resp: 2167

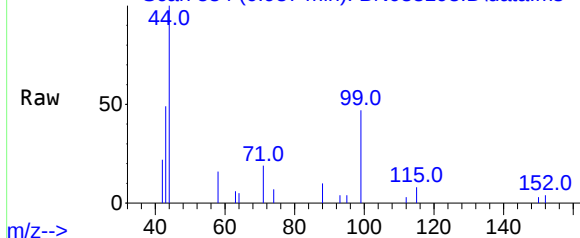
Ion Ratio Lower Upper

99 100

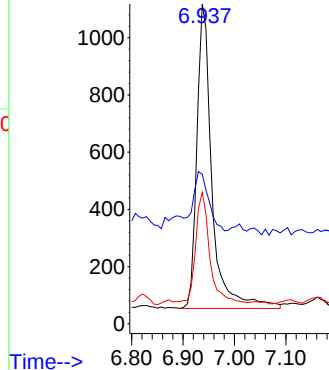
42 19.8 16.6 24.8

71 33.5 25.4 38.2

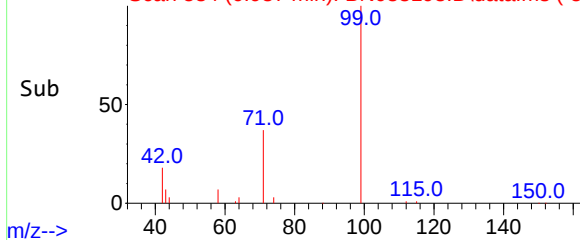
Abundance Scan 534 (6.937 min): BN038193.D\data.ms

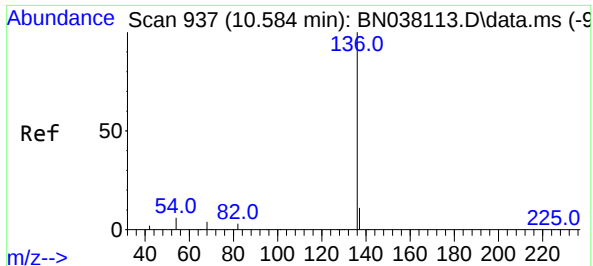


Abundance



Abundance Scan 534 (6.937 min): BN038193.D\data.ms (-50



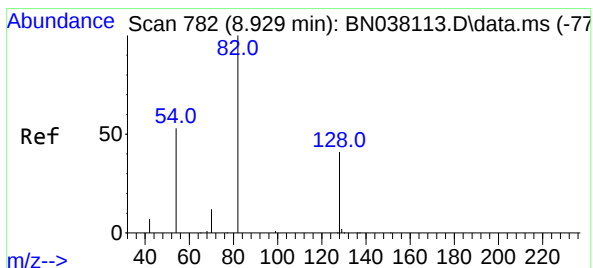
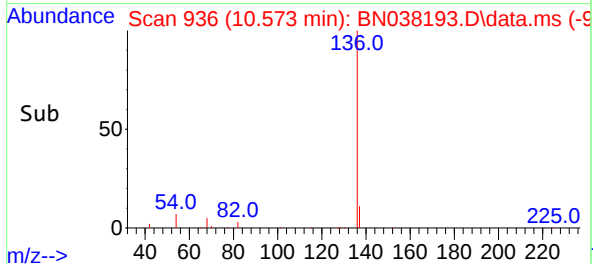
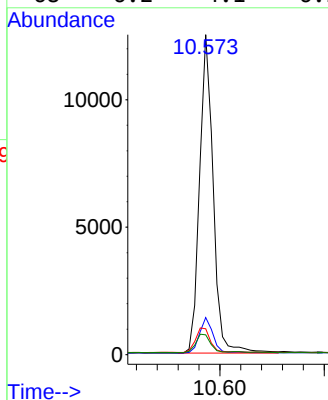
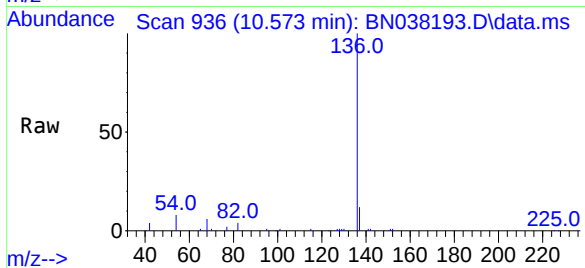


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN038193.D
Acq: 12 Nov 2025 15:34

Instrument :
BNA_N
ClientSampleId :
FB-2

Tgt Ion: 136 Resp: 22809

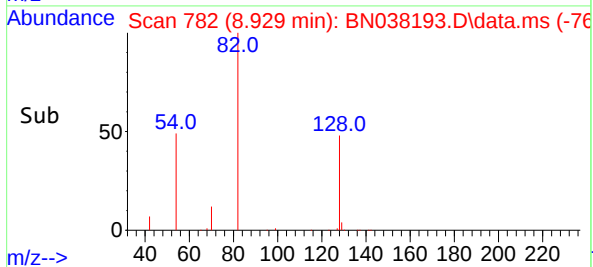
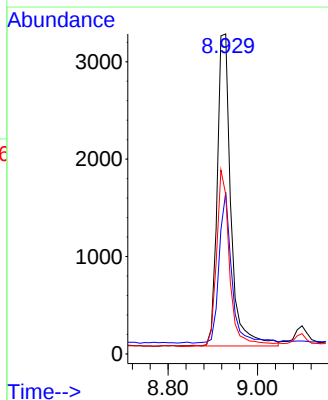
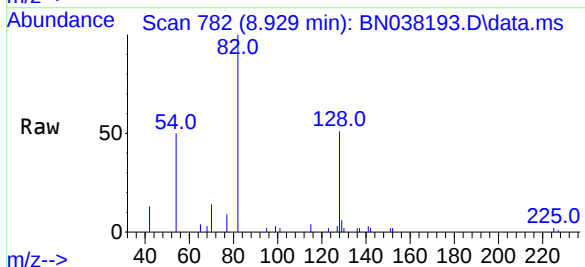
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.4
54	8.1	5.2	7.8#
68	6.2	4.1	6.1#

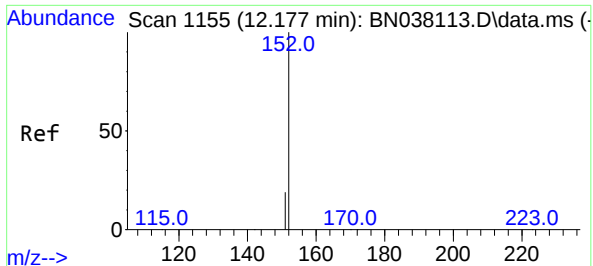


#8
Nitrobenzene-d5
Concen: 0.371 ng
RT: 8.929 min Scan# 782
Delta R.T. 0.000 min
Lab File: BN038193.D
Acq: 12 Nov 2025 15:34

Tgt Ion: 82 Resp: 6826

Ion	Ratio	Lower	Upper
82	100		
128	50.5	34.1	51.1
54	49.9	43.5	65.3

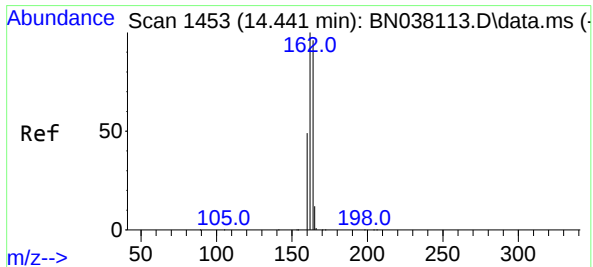
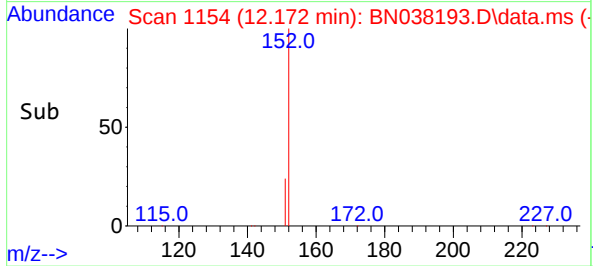
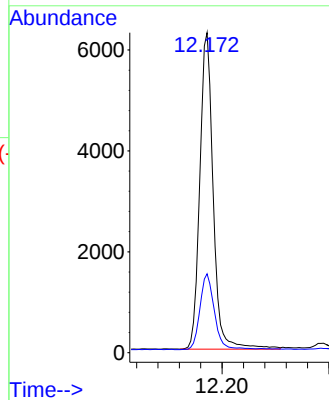
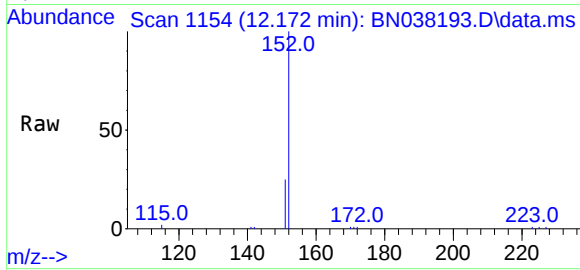




#11
2-Methylnaphthalene-d10
Concen: 0.336 ng
RT: 12.172 min Scan# 1154
Delta R.T. -0.005 min
Lab File: BN038193.D
Acq: 12 Nov 2025 15:34

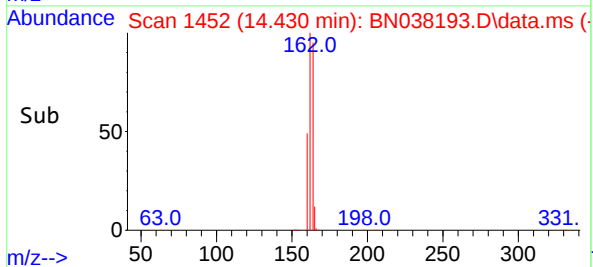
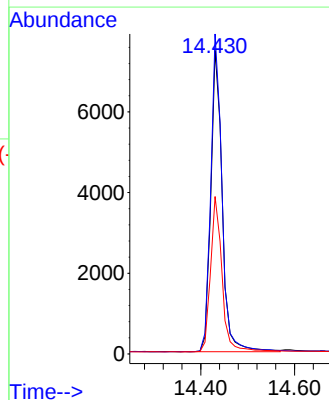
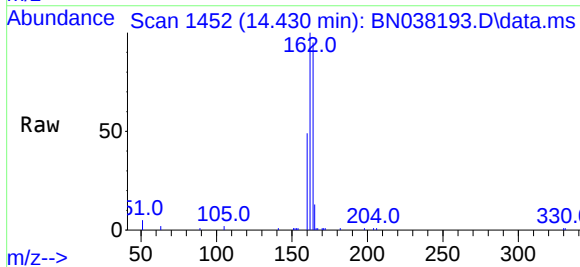
Instrument :
BNA_N
ClientSampleId :
FB-2

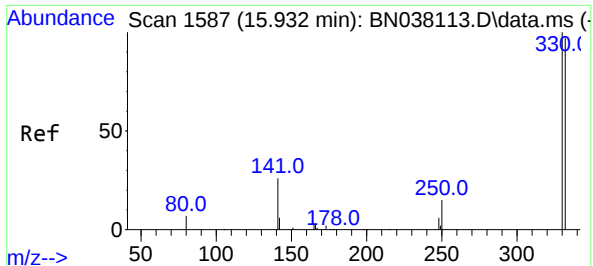
Tgt Ion:152 Resp: 10949
Ion Ratio Lower Upper
152 100
151 25.8 16.8 25.2#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BN038193.D
Acq: 12 Nov 2025 15:34

Tgt Ion:164 Resp: 12555
Ion Ratio Lower Upper
164 100
162 105.4 83.0 124.4
160 51.9 40.7 61.1





#14

2,4,6-Tribromophenol

Concen: 0.299 ng

RT: 15.932 min Scan# 1587

Delta R.T. 0.000 min

Lab File: BN038193.D

Acq: 12 Nov 2025 15:34

Instrument :

BNA_N

ClientSampleId :

FB-2

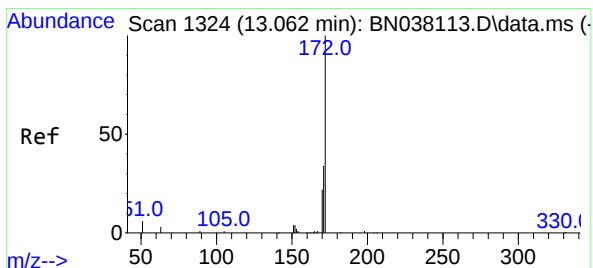
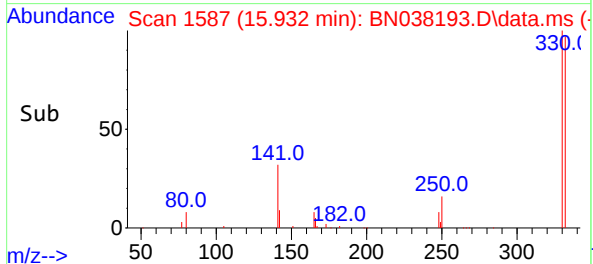
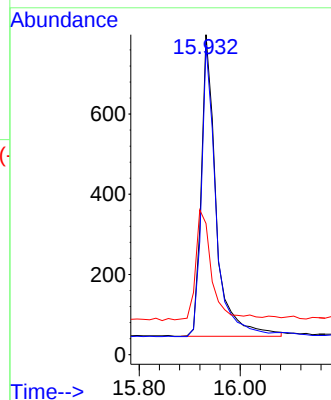
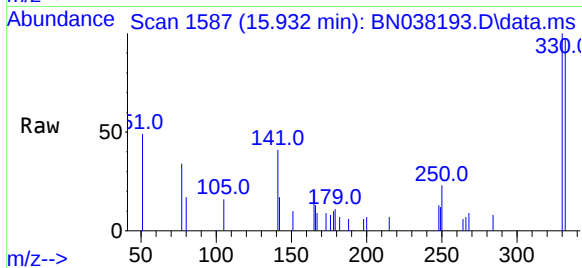
Tgt Ion:330 Resp: 1548

Ion Ratio Lower Upper

330 100

332 94.6 76.6 114.8

141 40.6 34.1 51.1



#15

2-Fluorobiphenyl

Concen: 0.388 ng

RT: 13.051 min Scan# 1323

Delta R.T. 0.000 min

Lab File: BN038193.D

Acq: 12 Nov 2025 15:34

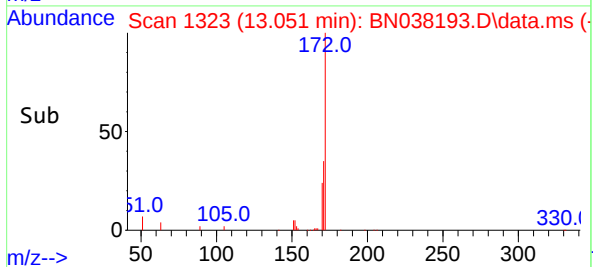
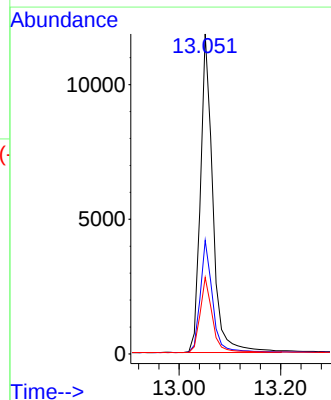
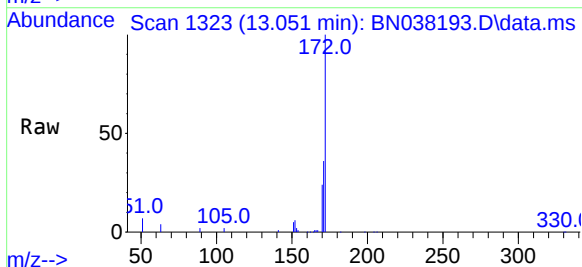
Tgt Ion:172 Resp: 19515

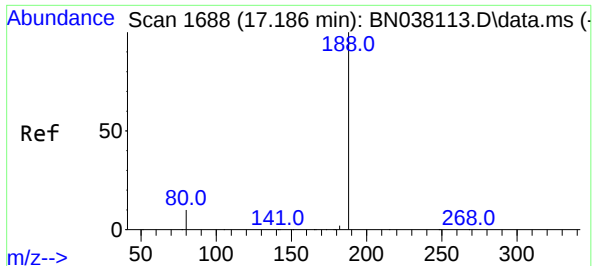
Ion Ratio Lower Upper

172 100

171 35.5 27.8 41.6

170 23.9 18.1 27.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.186 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN038193.D

Acq: 12 Nov 2025 15:34

Instrument :

BNA_N

ClientSampleId :

FB-2

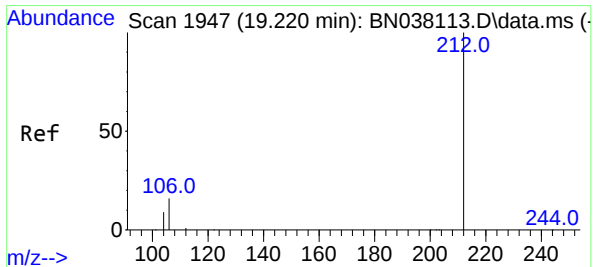
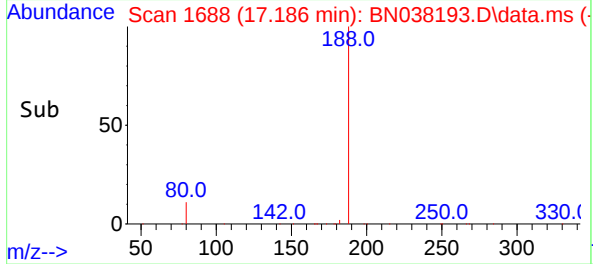
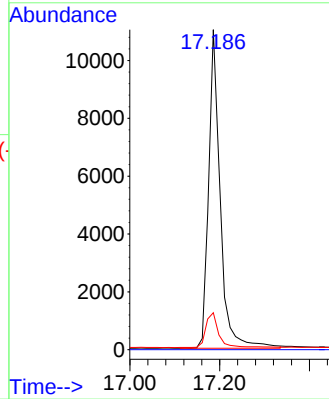
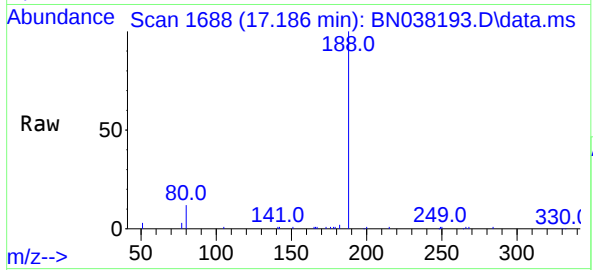
Tgt Ion:188 Resp: 19699

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.5 8.6 13.0



#27

Fluoranthene-d10

Concen: 0.349 ng

RT: 19.220 min Scan# 1947

Delta R.T. 0.000 min

Lab File: BN038193.D

Acq: 12 Nov 2025 15:34

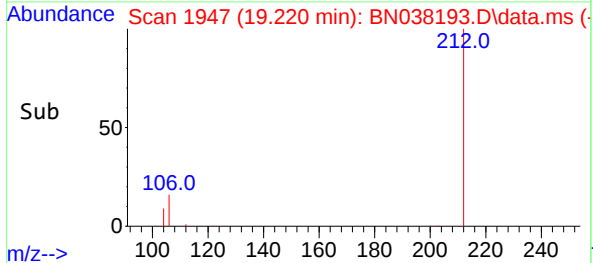
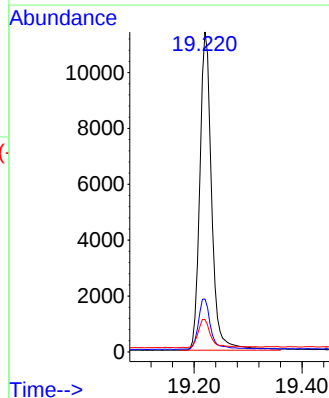
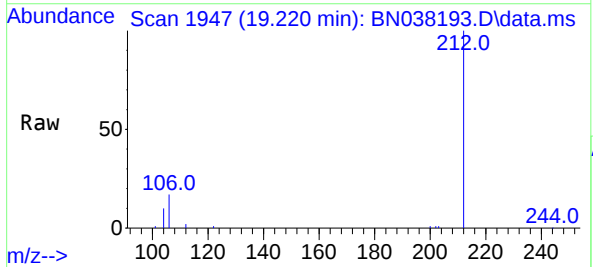
Tgt Ion:212 Resp: 17319

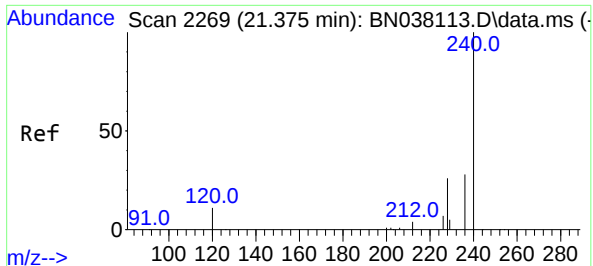
Ion Ratio Lower Upper

212 100

106 16.9 12.6 19.0

104 9.8 7.1 10.7

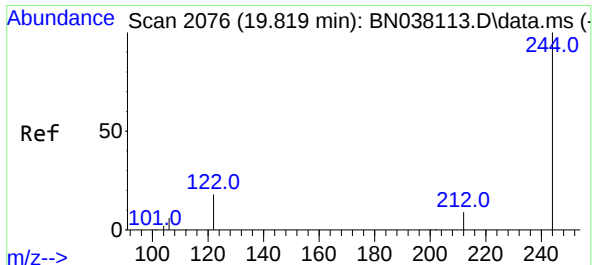
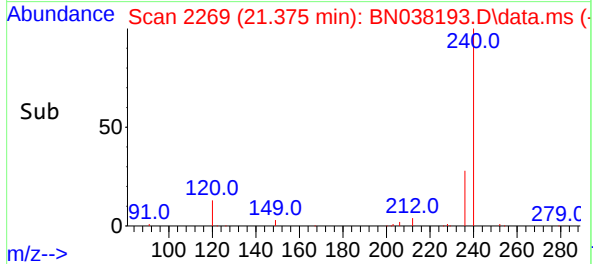
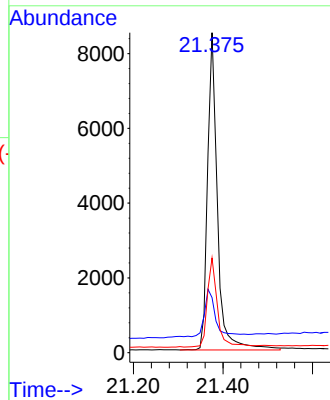
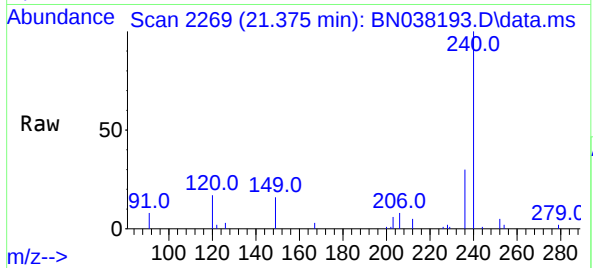




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.375 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN038193.D
Acq: 12 Nov 2025 15:34

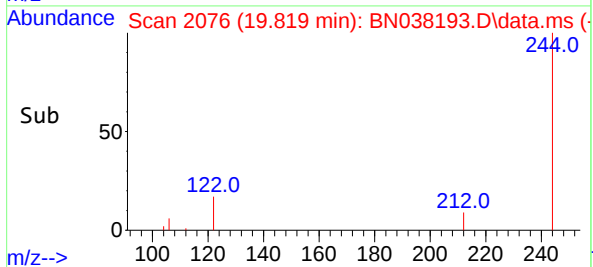
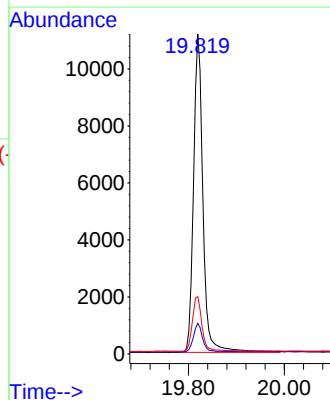
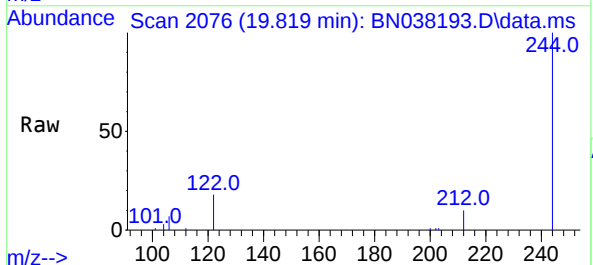
Instrument :
BNA_N
ClientSampleId :
FB-2

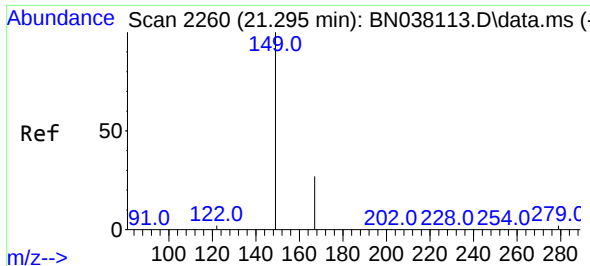
Tgt Ion	Ratio	Lower	Upper
240	100		
120	17.2	10.7	16.1
236	29.6	23.1	34.7



#31
Terphenyl-d14
Concen: 0.541 ng
RT: 19.819 min Scan# 2076
Delta R.T. 0.000 min
Lab File: BN038193.D
Acq: 12 Nov 2025 15:34

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.6	7.8	11.6
122	17.9	15.2	22.8

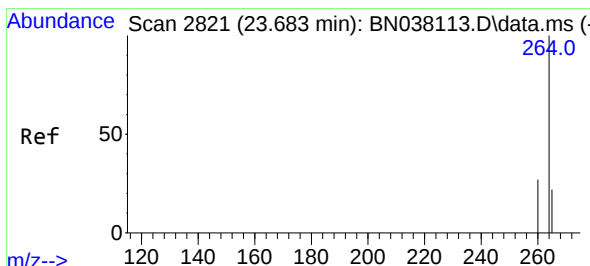
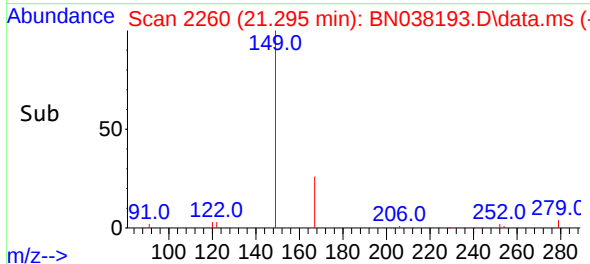
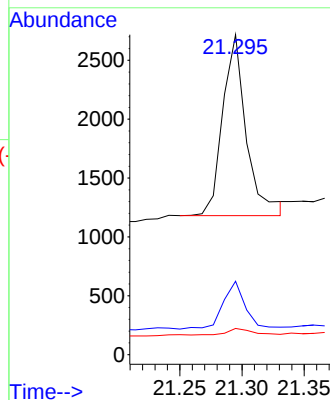
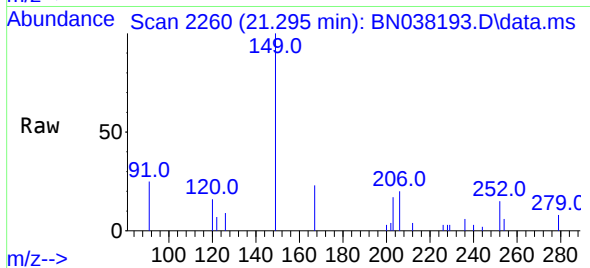




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.083 ng
RT: 21.295 min Scan# 2126
Delta R.T. 0.000 min
Lab File: BN038193.D
Acq: 12 Nov 2025 15:34

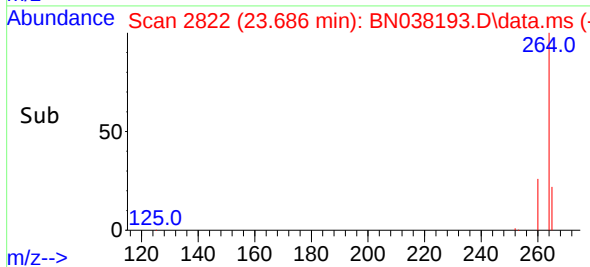
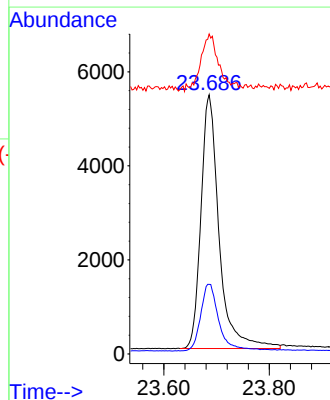
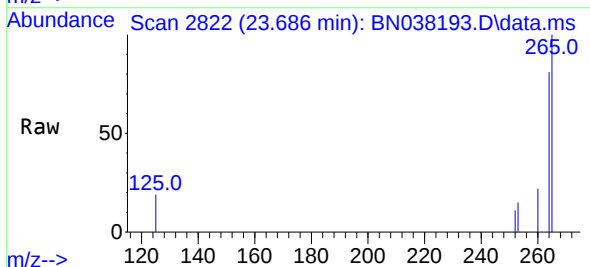
Instrument :
BNA_N
ClientSampleId :
FB-2

Tgt Ion:149 Resp: 2038
Ion Ratio Lower Upper
149 100
167 25.0 21.1 31.7
279 3.7 2.9 4.3



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.686 min Scan# 2822
Delta R.T. 0.006 min
Lab File: BN038193.D
Acq: 12 Nov 2025 15:34

Tgt Ion:264 Resp: 12879
Ion Ratio Lower Upper
264 100
260 26.8 21.8 32.8
265 123.5 68.6 102.8#



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111325\
 Data File : BN038200.D
 Acq On : 13 Nov 2025 13:27
 Operator : RC/JU
 Sample : Q3584-07
 Misc :
 ALS Vial : 4 Sample Multiplier: 50

Instrument :
 BNA_N
 ClientSampleId :
 SEEP-1

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/13/2025
 Supervised By :Sohil Jodhani 11/14/2025

Quant Time: Nov 13 14:19:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 29 13:09:46 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.768	152	538910	20.000	ng	0.00
7) Naphthalene-d8	10.573	136	1785287	20.000	ng	0.00
13) Acenaphthene-d10	14.430	164	1021405	20.000	ng	0.00
19) Phenanthrene-d10	17.186	188	1654430	20.000	ng	# 0.00
29) Chrysene-d12	21.375	240	1150690	20.000	ng	# 0.00
35) Perylene-d12	23.680	264	1246822	20.000	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.341	112	4784	0.188	ng	0.00
5) Phenol-d6	6.937	99	8931m	0.289	ng	0.00
8) Nitrobenzene-d5	8.918	82	8631	0.300	ng	-0.01
11) 2-Methylnaphthalene-d10	12.167	152	14761	0.289	ng	-0.01
14) 2,4,6-Tribromophenol	15.932	330	2878	0.342	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	21384	0.261	ng	0.00
27) Fluoranthene-d10	19.215	212	20805	0.249	ng	0.00
31) Terphenyl-d14	19.815	244	15374	0.307	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.247	88	125586	11.277	ng	97
24) Pentachlorophenol	16.838	266	301	0.028	ng	89
32) Benzo(a)anthracene	21.366	228	5577m	0.068	ng	
34) Bis(2-ethylhexyl)phtha...	21.286	149	14735	0.341	ng	# 89

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

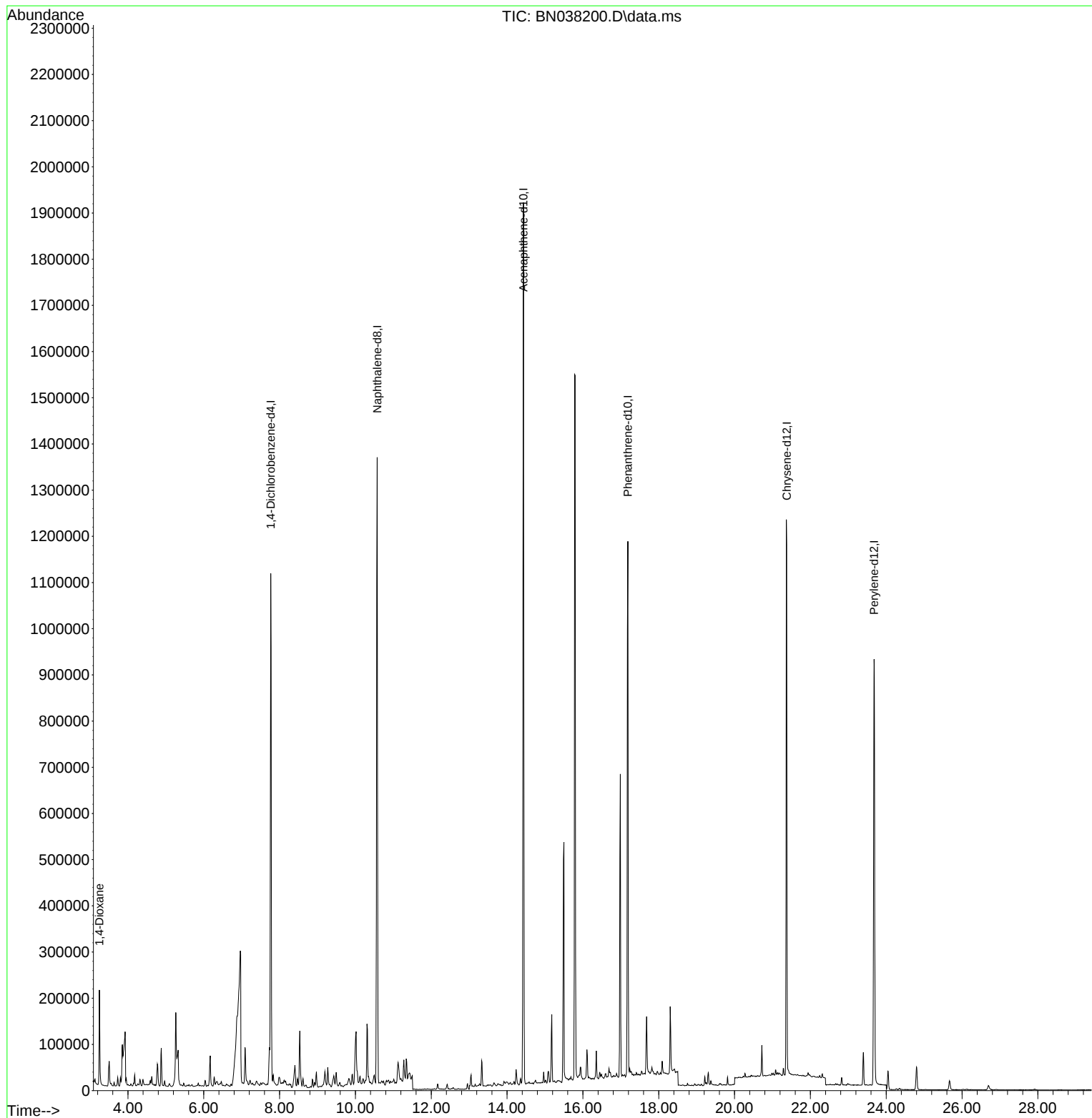
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111325\
Data File : BN038200.D
Acq On : 13 Nov 2025 13:27
Operator : RC/JU
Sample : Q3584-07
Misc :
ALS Vial : 4 Sample Multiplier: 50

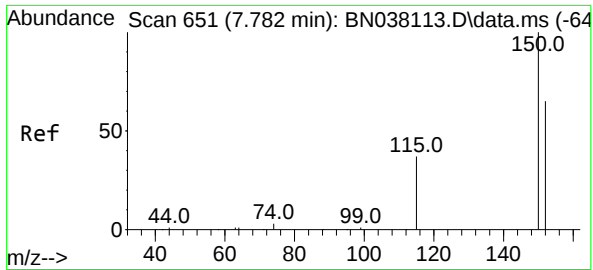
Instrument :
BNA_N
ClientSampleId :
SEEP-1

Quant Time: Nov 13 14:19:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration

Manual Integrations
APPROVED

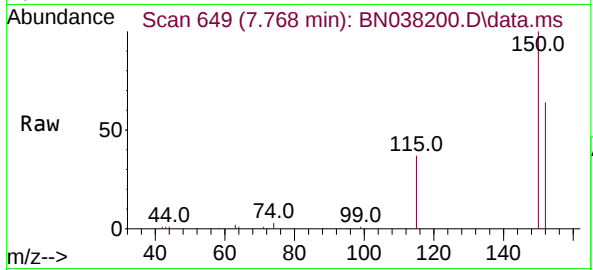
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :Sohil Jodhani 11/14/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.768 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN038200.D
Acq: 13 Nov 2025 13:27

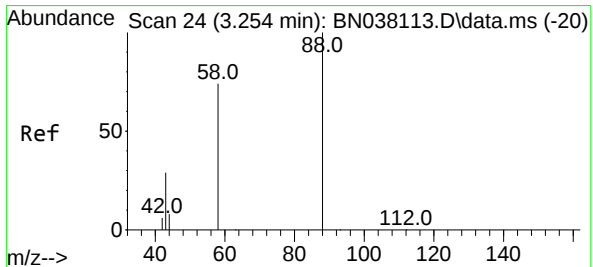
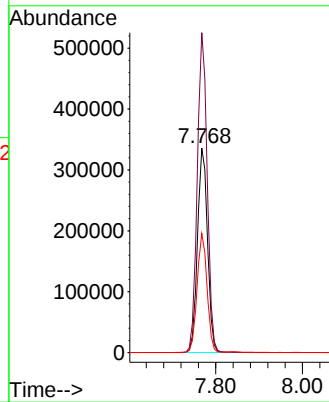
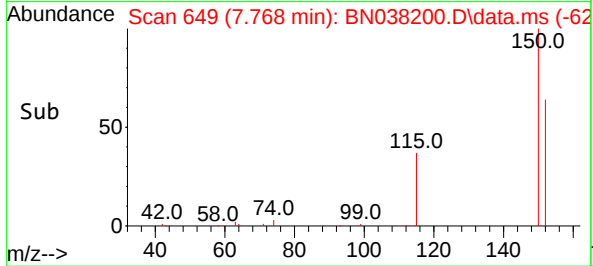
Instrument :
BNA_N
ClientSampleId :
SEEP-1



Tgt Ion:152 Resp: 538910
Ion Ratio Lower Upper
152 100
150 156.5 122.3 183.5
115 58.3 47.4 71.0

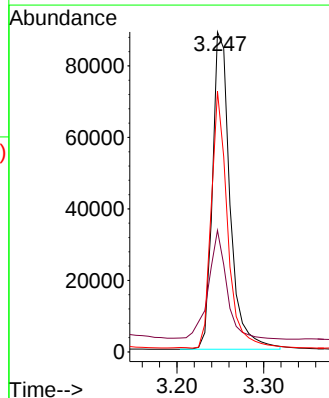
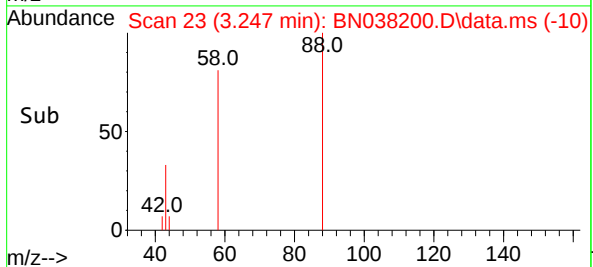
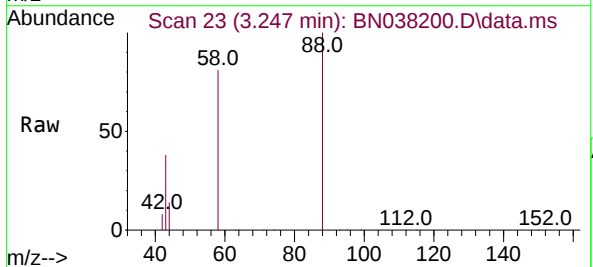
Manual Integrations
APPROVED

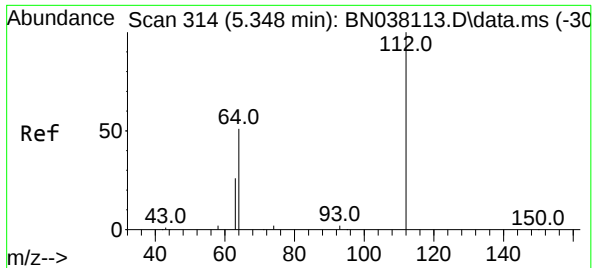
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :Sohil Jodhani 11/14/2025



#2
1,4-Dioxane
Concen: 11.277 ng
RT: 3.247 min Scan# 23
Delta R.T. -0.007 min
Lab File: BN038200.D
Acq: 13 Nov 2025 13:27

Tgt Ion: 88 Resp: 125586
Ion Ratio Lower Upper
88 100
43 35.2 24.3 36.5
58 74.6 60.4 90.6





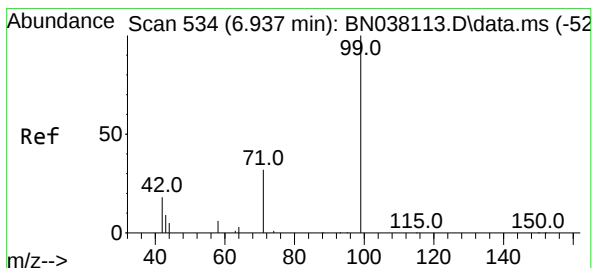
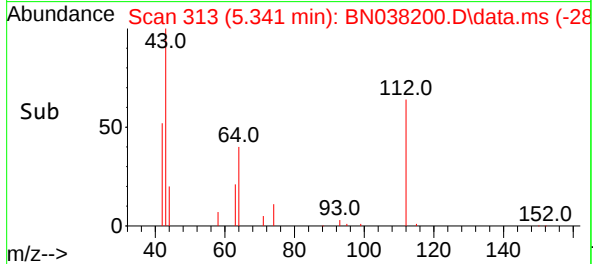
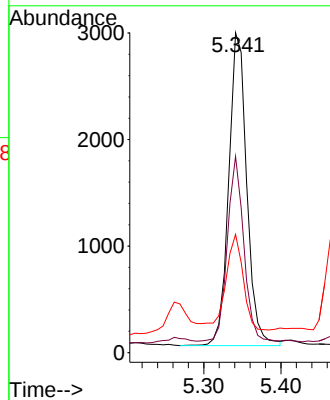
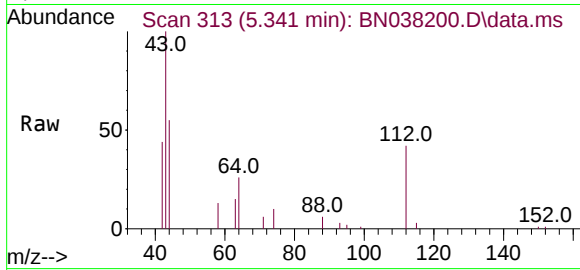
#4
2-Fluorophenol
Concen: 0.188 ng
RT: 5.341 min Scan# 314
Delta R.T. -0.007 min
Lab File: BN038200.D
Acq: 13 Nov 2025 13:27

Instrument :
BNA_N
ClientSampleId :
SEEP-1

Tgt Ion: 112 Resp: 4784
Ion Ratio Lower Upper
112 100
64 53.6 45.4 68.0
63 29.0 23.2 34.8

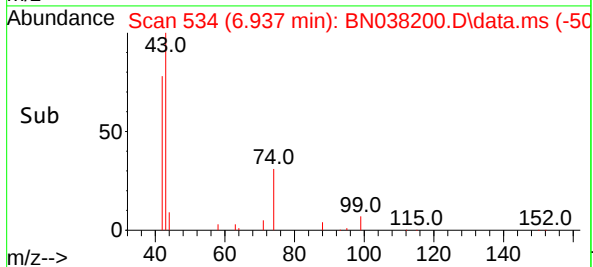
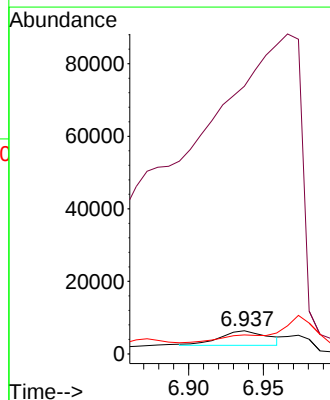
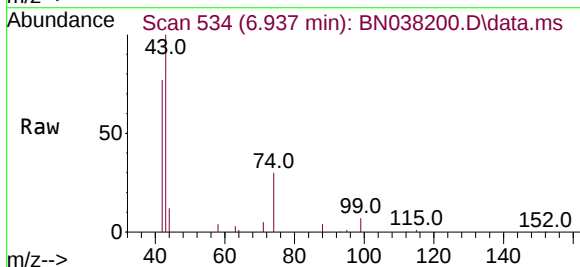
Manual Integrations
APPROVED

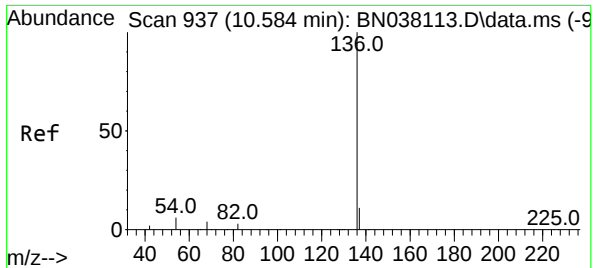
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :Sohil Jodhani 11/14/2025



#5
Phenol-d6
Concen: 0.289 ng m
RT: 6.937 min Scan# 534
Delta R.T. 0.000 min
Lab File: BN038200.D
Acq: 13 Nov 2025 13:27

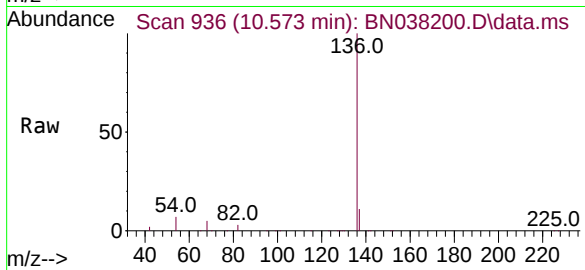
Tgt Ion: 99 Resp: 8931
Ion Ratio Lower Upper
99 100
42 0.0 16.6 24.8#
71 0.0 25.4 38.2#





#7
Naphthalene-d8
Concen: 20.000 ng
RT: 10.573 min Scan# 936
Delta R.T. 0.000 min
Lab File: BN038200.D
Acq: 13 Nov 2025 13:27

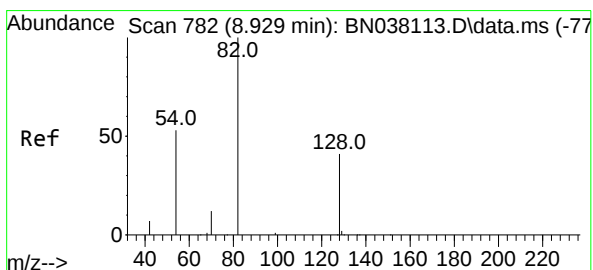
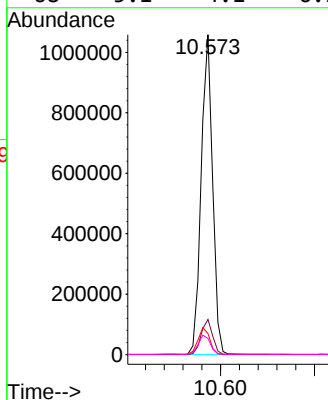
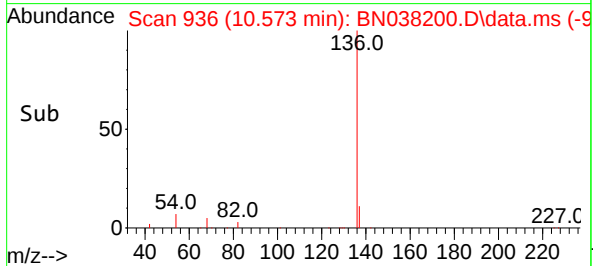
Instrument :
BNA_N
ClientSampleId :
SEEP-1



Tgt Ion:136 Resp: 178528
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 6.6 5.2 7.8
68 5.1 4.1 6.1

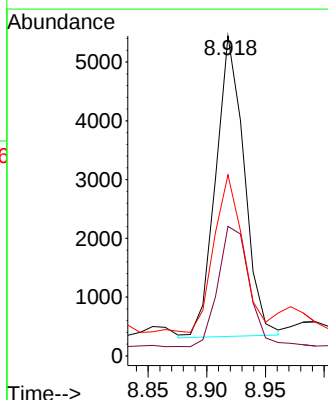
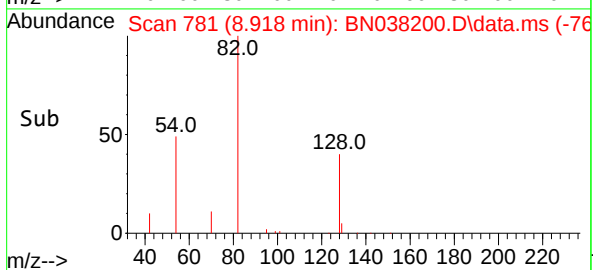
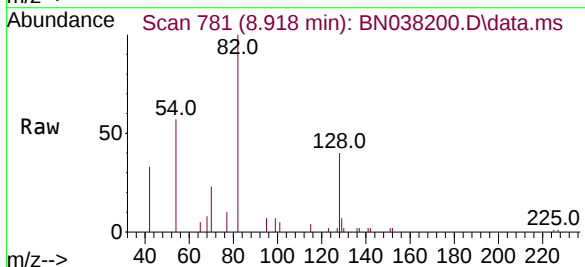
Manual Integrations
APPROVED

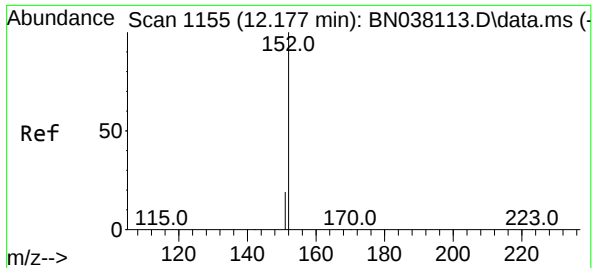
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :Sohil Jodhani 11/14/2025



#8
Nitrobenzene-d5
Concen: 0.300 ng
RT: 8.918 min Scan# 781
Delta R.T. -0.011 min
Lab File: BN038200.D
Acq: 13 Nov 2025 13:27

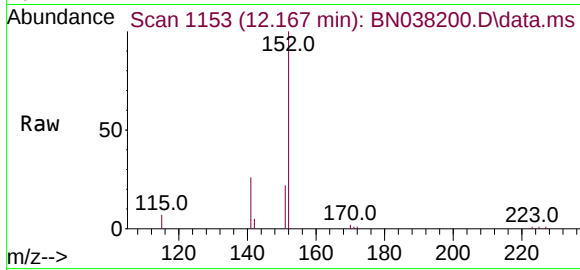
Tgt Ion: 82 Resp: 8631
Ion Ratio Lower Upper
82 100
128 40.5 34.1 51.1
54 56.6 43.5 65.3





#11
2-Methylnaphthalene-d10
Concen: 0.289 ng
RT: 12.167 min Scan# 1153
Delta R.T. -0.010 min
Lab File: BN038200.D
Acq: 13 Nov 2025 13:27

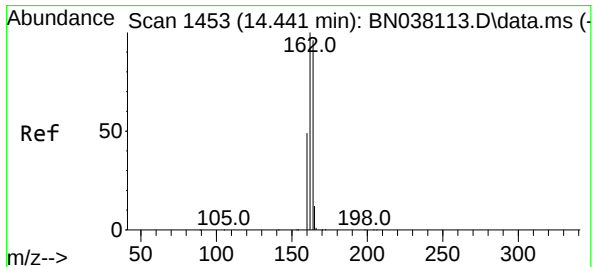
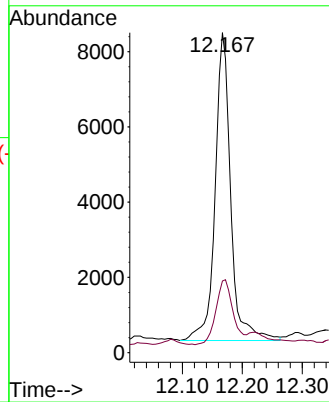
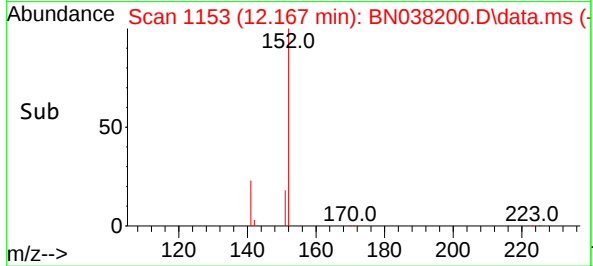
Instrument :
BNA_N
ClientSampleId :
SEEP-1



Tgt Ion:152 Resp: 1476
Ion Ratio Lower Upper
152 100
151 23.7 16.8 25.2

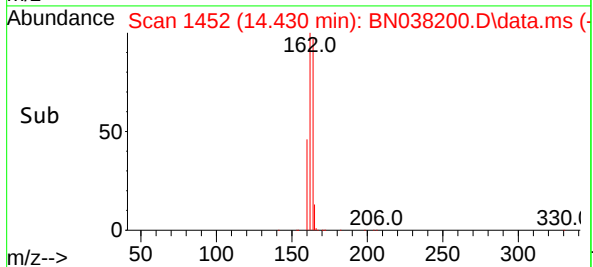
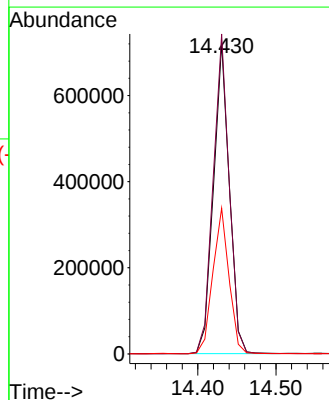
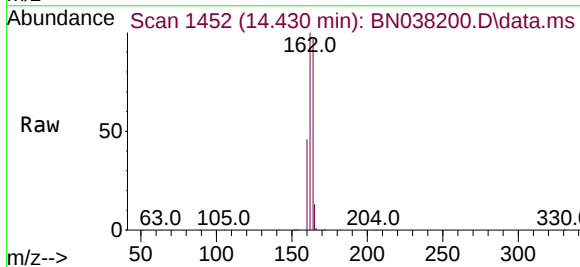
Manual Integrations
APPROVED

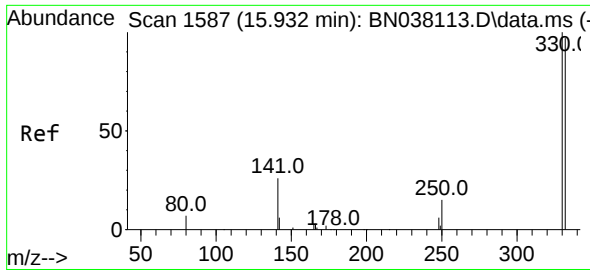
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :Sohil Jodhani 11/14/2025



#13
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.430 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BN038200.D
Acq: 13 Nov 2025 13:27

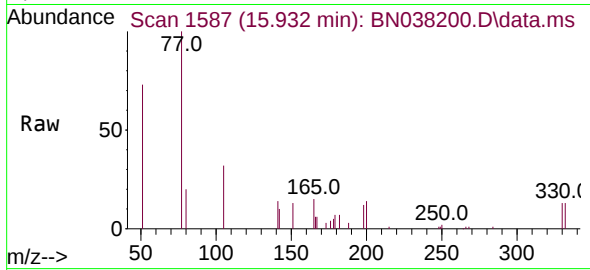
Tgt Ion:164 Resp: 1021405
Ion Ratio Lower Upper
164 100
162 102.9 83.0 124.4
160 46.8 40.7 61.1





#14
2,4,6-Tribromophenol
Concen: 0.342 ng
RT: 15.932 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BN038200.D
Acq: 13 Nov 2025 13:27

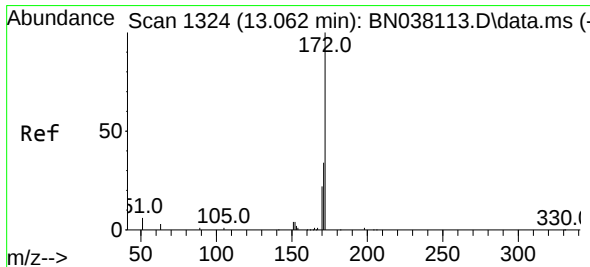
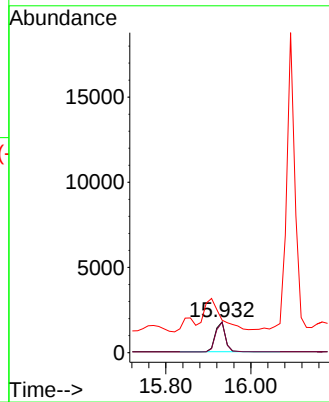
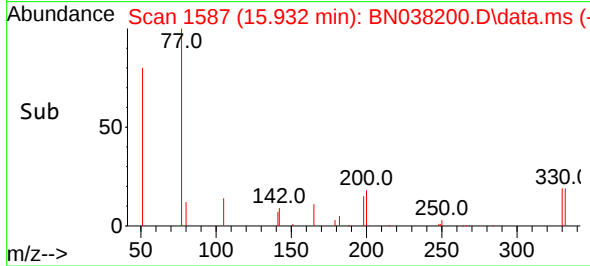
Instrument :
BNA_N
ClientSampleId :
SEEP-1



Tgt Ion: 330 Resp: 2878
Ion Ratio Lower Upper
330 100
332 96.7 76.6 114.8
141 0.0 34.1 51.1

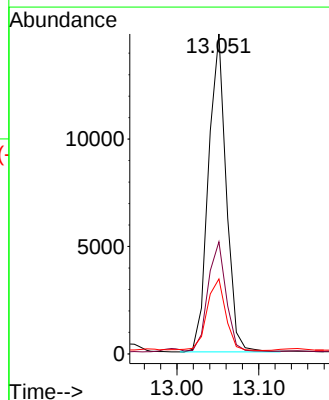
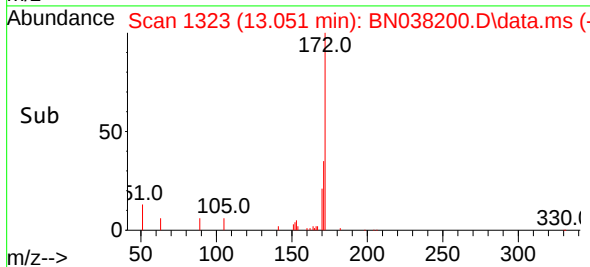
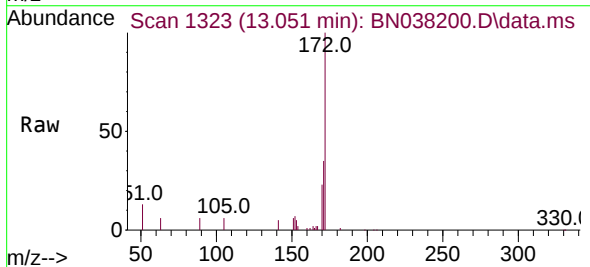
Manual Integrations
APPROVED

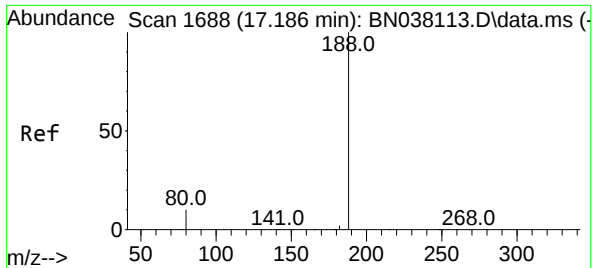
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :Sohil Jodhani 11/14/2025



#15
2-Fluorobiphenyl
Concen: 0.261 ng
RT: 13.051 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BN038200.D
Acq: 13 Nov 2025 13:27

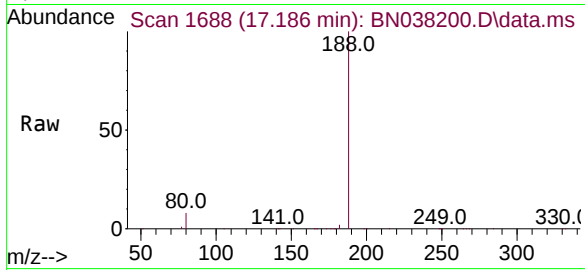
Tgt Ion: 172 Resp: 21384
Ion Ratio Lower Upper
172 100
171 35.0 27.8 41.6
170 23.4 18.1 27.1





#19
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.186 min Scan# 1688
Delta R.T. 0.000 min
Lab File: BN038200.D
Acq: 13 Nov 2025 13:27

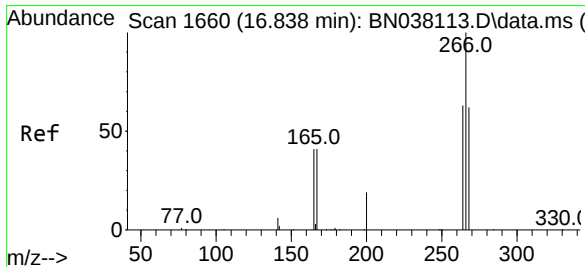
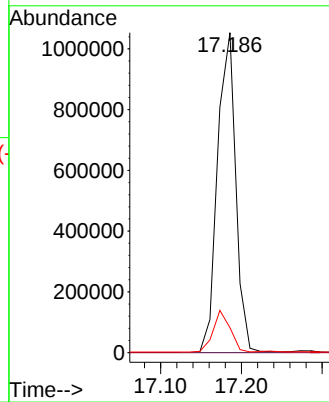
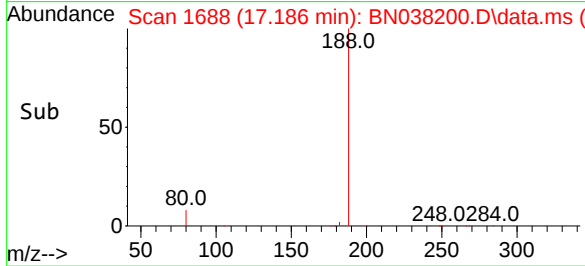
Instrument :
BNA_N
ClientSampleId :
SEEP-1



Tgt Ion:188 Resp: 1654430
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.8 8.6 13.0

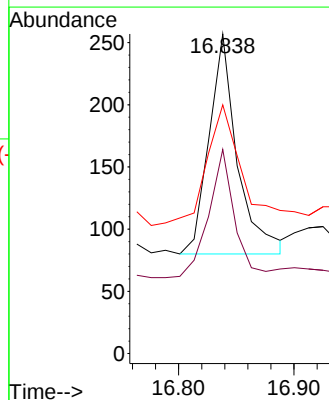
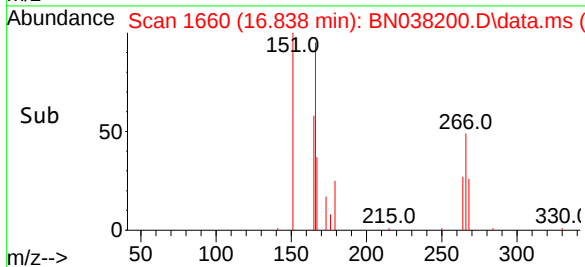
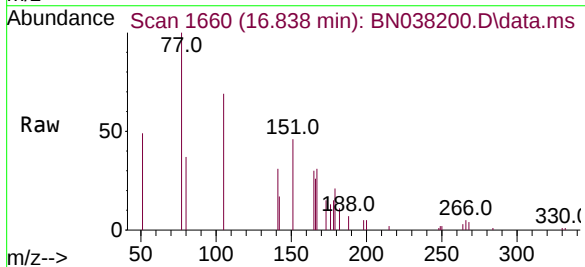
Manual Integrations
APPROVED

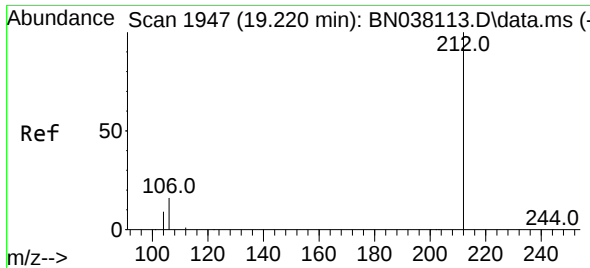
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :Sohil Jodhani 11/14/2025



#24
Pentachlorophenol
Concen: 0.028 ng
RT: 16.838 min Scan# 1660
Delta R.T. 0.000 min
Lab File: BN038200.D
Acq: 13 Nov 2025 13:27

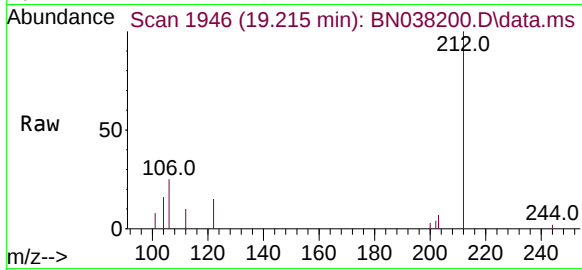
Tgt Ion:266 Resp: 301
Ion Ratio Lower Upper
266 100
264 53.5 49.3 73.9
268 72.4 50.6 75.8





#27
Fluoranthene-d10
Concen: 0.249 ng
RT: 19.215 min Scan# 1946
Delta R.T. -0.005 min
Lab File: BN038200.D
Acq: 13 Nov 2025 13:27

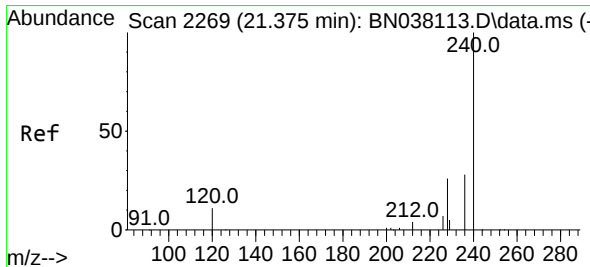
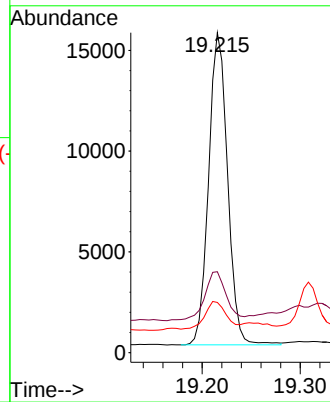
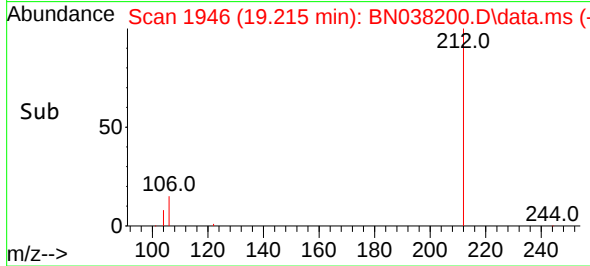
Instrument :
BNA_N
ClientSampleId :
SEEP-1



Tgt Ion:212 Resp: 20805
Ion Ratio Lower Upper
212 100
106 18.0 12.6 19.0
104 9.9 7.1 10.7

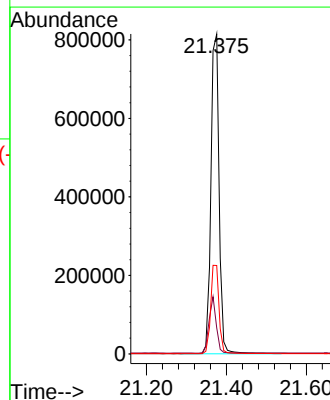
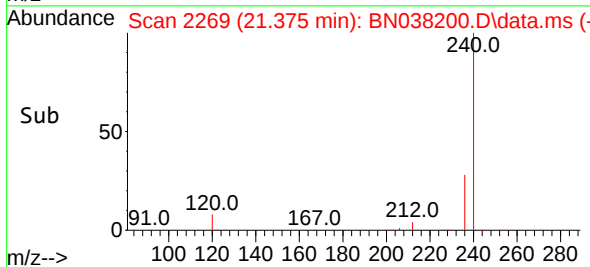
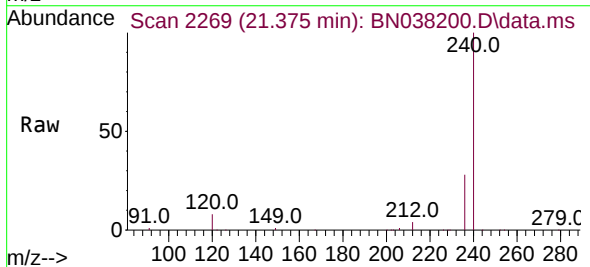
Manual Integrations
APPROVED

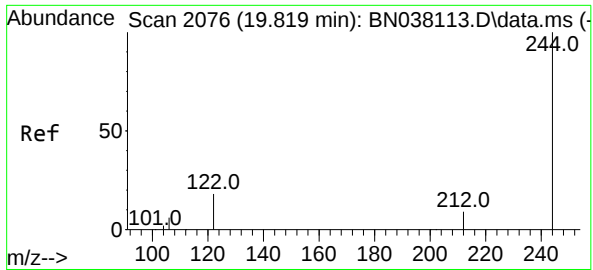
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :Sohil Jodhani 11/14/2025



#29
Chrysene-d12
Concen: 20.000 ng
RT: 21.375 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BN038200.D
Acq: 13 Nov 2025 13:27

Tgt Ion:240 Resp: 1150690
Ion Ratio Lower Upper
240 100
120 8.1 10.7 16.1#
236 27.6 23.1 34.7





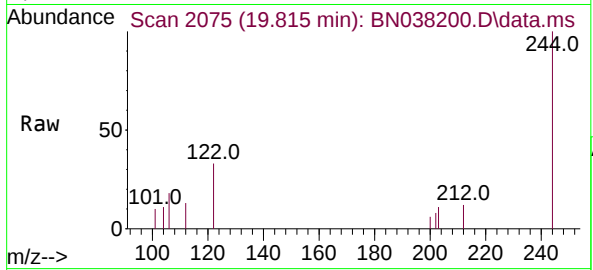
#31
Terphenyl-d14
Concen: 0.307 ng
RT: 19.815 min Scan# 2076
Delta R.T. -0.005 min
Lab File: BN038200.D
Acq: 13 Nov 2025 13:27

Instrument :

BNA_N

ClientSampleId :

SEEP-1

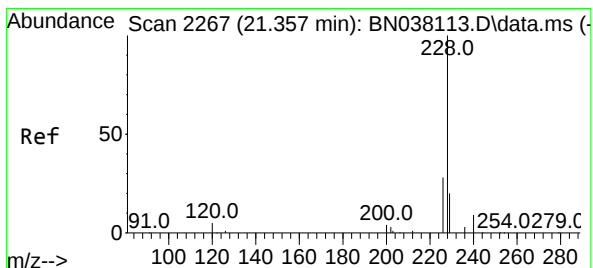
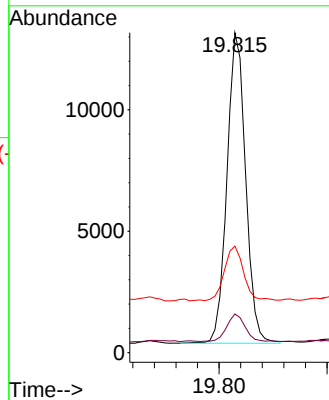


Tgt Ion:244 Resp: 15374
Ion Ratio Lower Upper
244 100
212 12.1 7.8 11.6
122 33.3 15.2 22.8

Manual Integrations

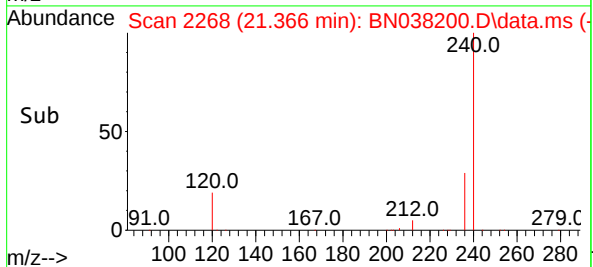
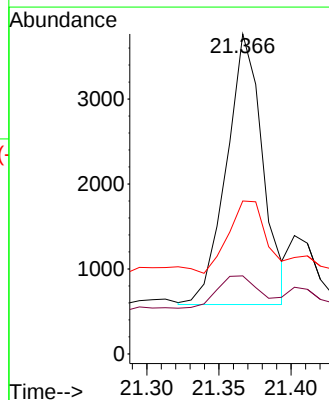
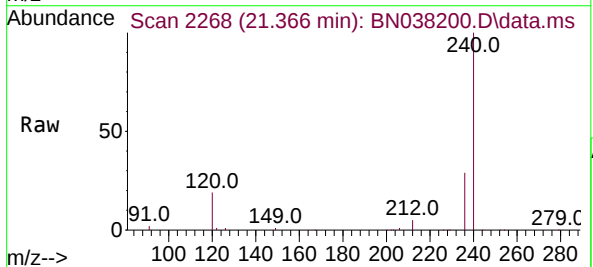
APPROVED

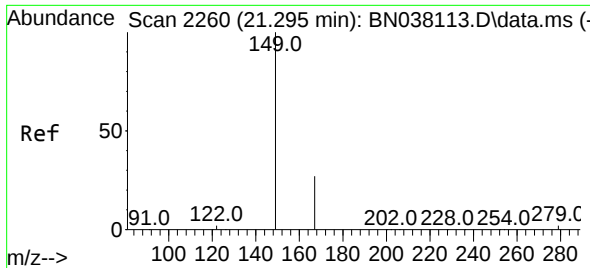
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :Sohil Jodhani 11/14/2025



#32
Benzo(a)anthracene
Concen: 0.068 ng m
RT: 21.366 min Scan# 2268
Delta R.T. 0.009 min
Lab File: BN038200.D
Acq: 13 Nov 2025 13:27

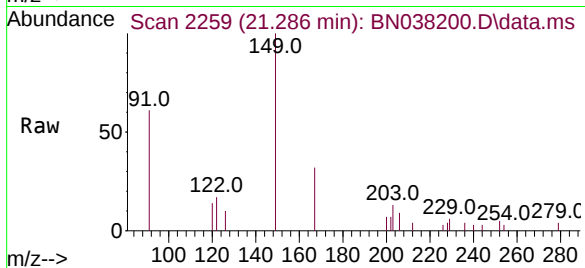
Tgt Ion:228 Resp: 5577
Ion Ratio Lower Upper
228 100
226 24.4 22.2 33.4
229 47.8 15.8 23.8





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.341 ng
RT: 21.286 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN038200.D
Acq: 13 Nov 2025 13:27

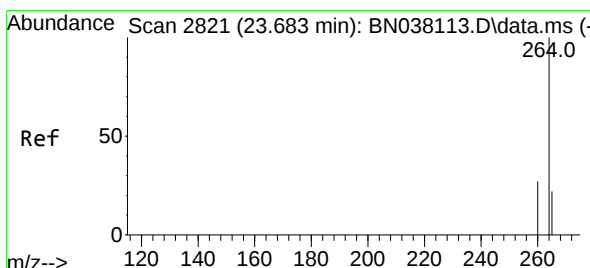
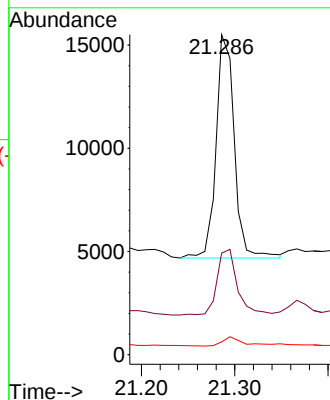
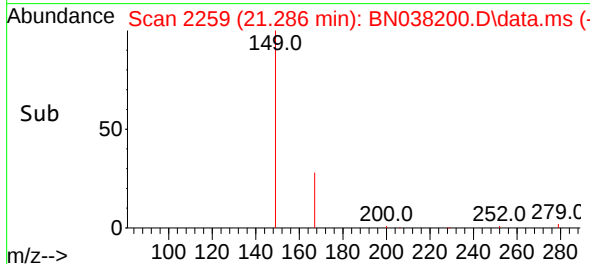
Instrument :
BNA_N
ClientSampleId :
SEEP-1



Tgt Ion:149 Resp: 14735
Ion Ratio Lower Upper
149 100
167 32.7 21.1 31.7
279 5.3 2.9 4.3

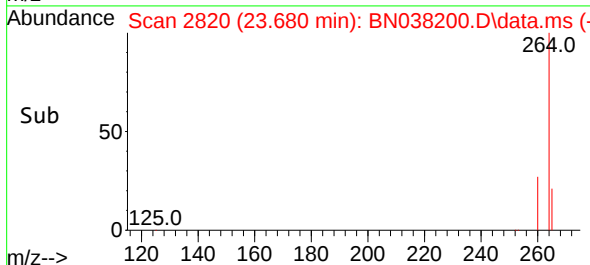
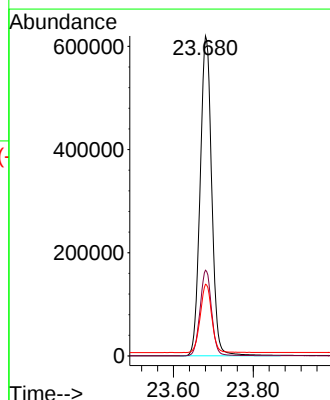
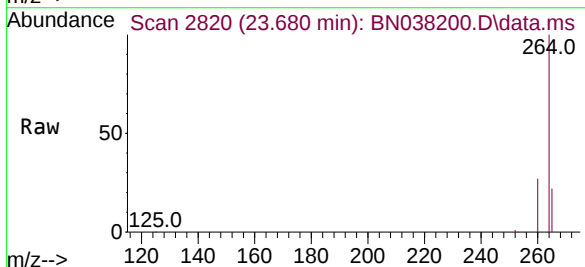
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :Sohil Jodhani 11/14/2025



#35
Perylene-d12
Concen: 20.000 ng
RT: 23.680 min Scan# 2820
Delta R.T. 0.000 min
Lab File: BN038200.D
Acq: 13 Nov 2025 13:27

Tgt Ion:264 Resp: 1246822
Ion Ratio Lower Upper
264 100
260 26.8 21.8 32.8
265 22.4 68.6 102.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111325\
 Data File : BN038201.D
 Acq On : 13 Nov 2025 15:52
 Operator : RC/JU
 Sample : Q3584-07DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 10

Instrument :
 BNA_N
 ClientSampleId :
 SEEP-1DL

A
B
C
D
E
F
G
H
I
J
K

Quant Time: Nov 13 16:21:45 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 29 13:09:46 2025
 Response via : Initial Calibration

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

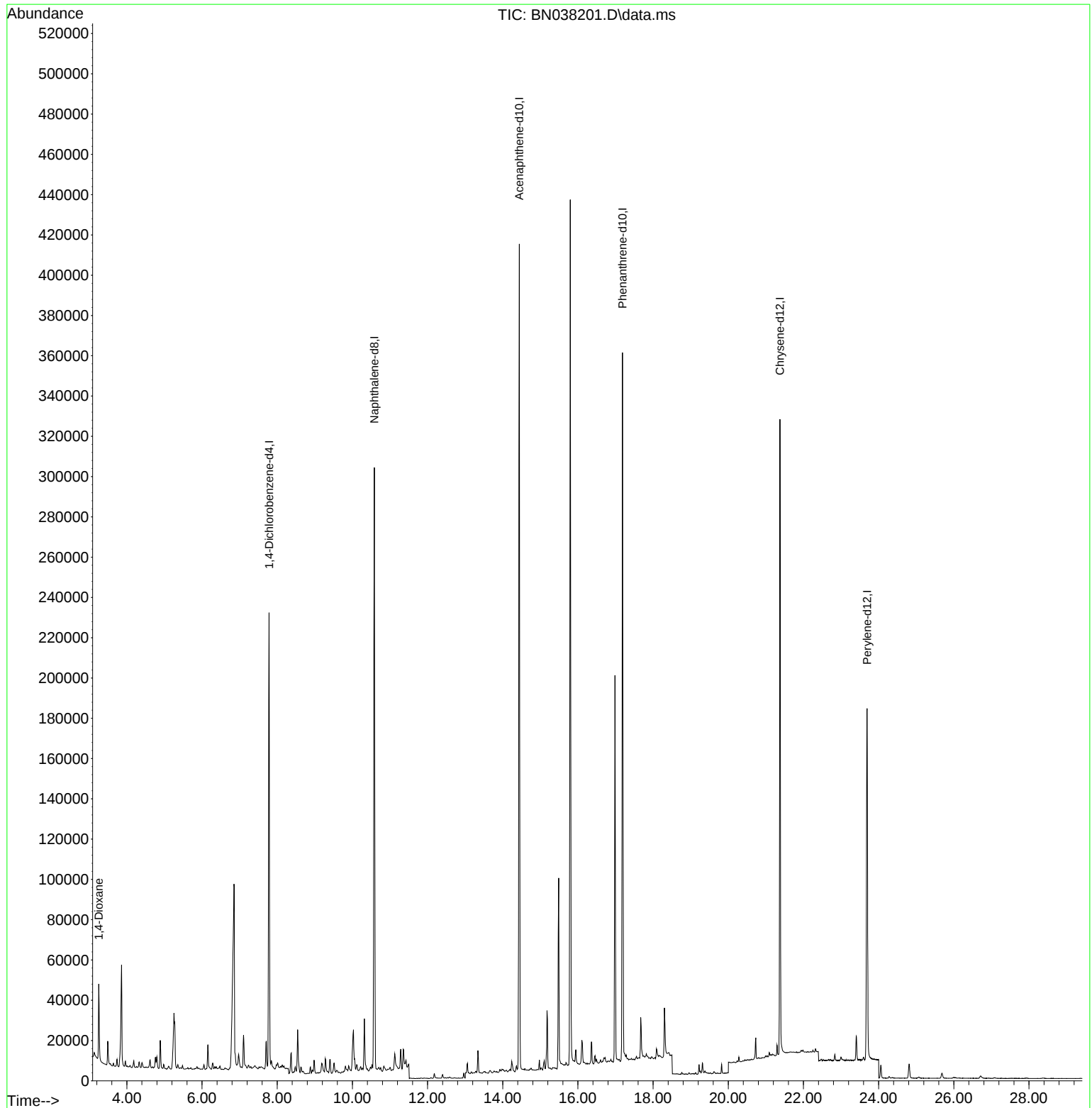
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.782	152	110160	4.000	ng	0.00
7) Naphthalene-d8	10.583	136	385141	4.000	ng	0.01
13) Acenaphthene-d10	14.441	164	236632	4.000	ng	0.01
19) Phenanthrene-d10	17.186	188	445927	4.000	ng	0.00
29) Chrysene-d12	21.375	240	278772	4.000	ng	0.00
35) Perylene-d12	23.692	264	242288	4.000	ng	# 0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.355	112	868	0.033	ng	0.00
5) Phenol-d6	6.944	99	746	0.024	ng	0.00
8) Nitrobenzene-d5	8.929	82	1640	0.053	ng	0.00
11) 2-Methylnaphthalene-d10	12.177	152	3026	0.055	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	629	0.065	ng	0.00
15) 2-Fluorobiphenyl	13.062	172	4796	0.051	ng	0.01
27) Fluoranthene-d10	19.225	212	5282	0.047	ng	0.00
31) Terphenyl-d14	19.824	244	4083	0.067	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.254	88	23953	2.104	ng	# 96
34) Bis(2-ethylhexyl)phtha...	21.295	149	5129	0.098	ng	# 95

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

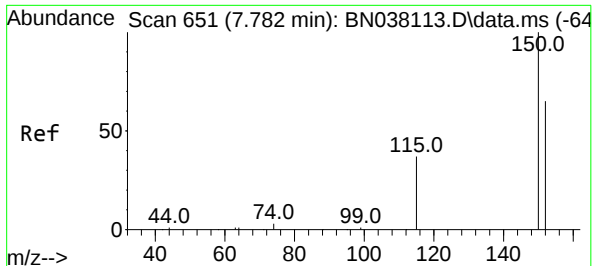
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111325\
Data File : BN038201.D
Acq On : 13 Nov 2025 15:52
Operator : RC/JU
Sample : Q3584-07DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 10

Instrument :
BNA_N
ClientSampleId :
SEEP-1DL

Quant Time: Nov 13 16:21:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration



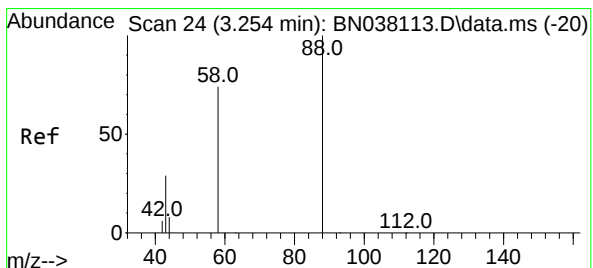
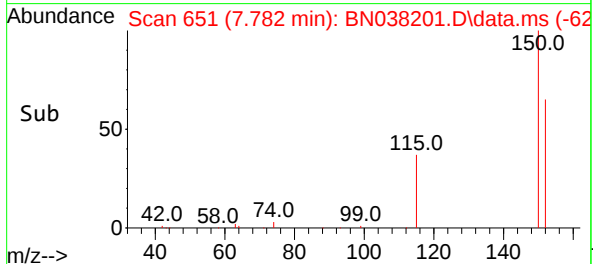
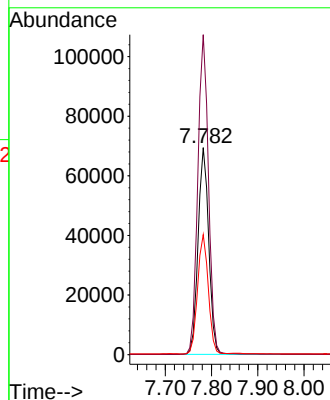
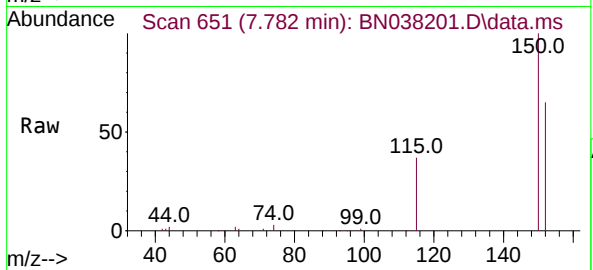
A
B
C
D
E
F
G
H
I
J
K



#1
1,4-Dichlorobenzene-d4
Concen: 4.000 ng
RT: 7.782 min Scan# 61
Delta R.T. 0.007 min
Lab File: BN038201.D
Acq: 13 Nov 2025 15:52

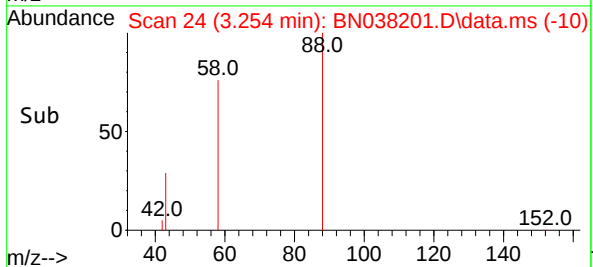
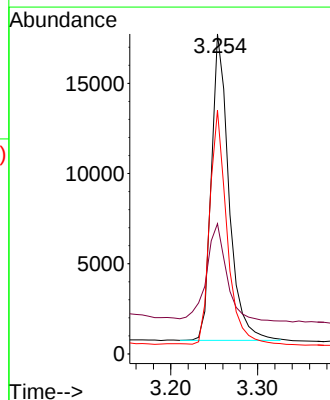
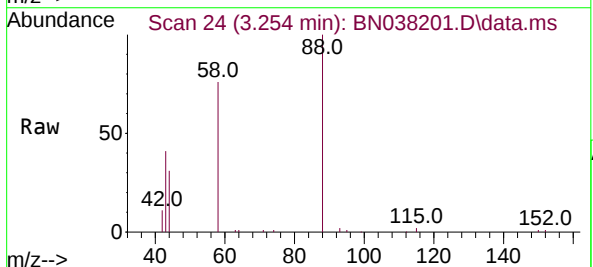
Instrument :
BNA_N
ClientSampleId :
SEEP-1DL

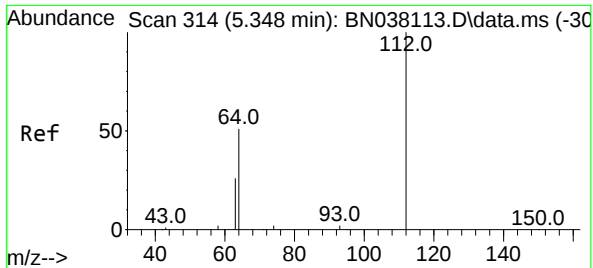
Tgt Ion:152 Resp: 110160
Ion Ratio Lower Upper
152 100
150 154.6 122.3 183.5
115 58.0 47.4 71.0



#2
1,4-Dioxane
Concen: 2.104 ng
RT: 3.254 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN038201.D
Acq: 13 Nov 2025 15:52

Tgt Ion: 88 Resp: 23953
Ion Ratio Lower Upper
88 100
43 36.5 24.3 36.5#
58 74.3 60.4 90.6

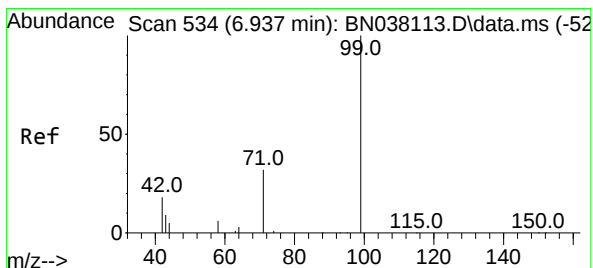
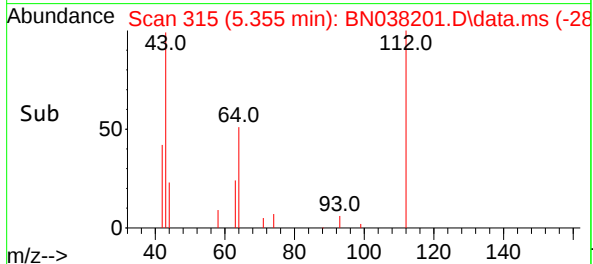
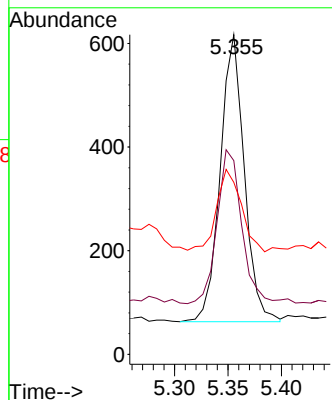
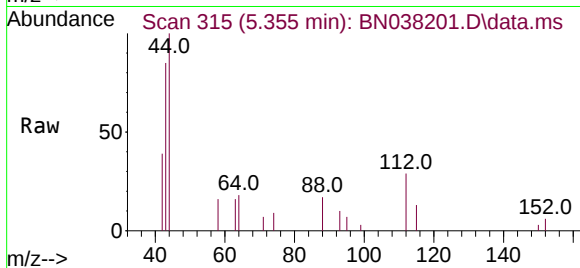




#4
2-Fluorophenol
Concen: 0.033 ng
RT: 5.355 min Scan# 314
Delta R.T. 0.007 min
Lab File: BN038201.D
Acq: 13 Nov 2025 15:52

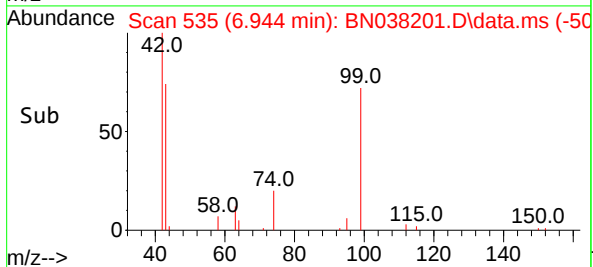
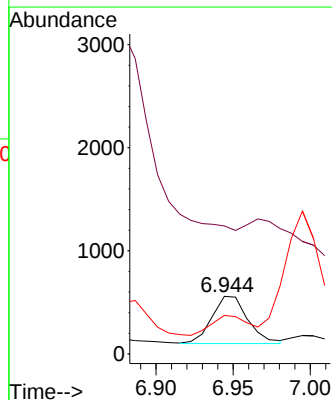
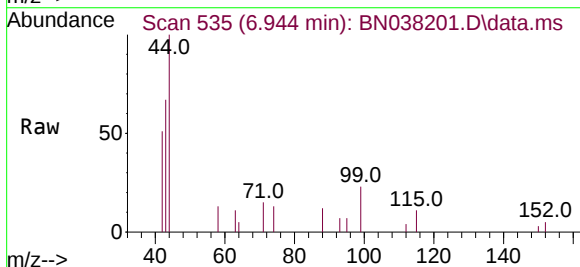
Instrument :
BNA_N
ClientSampleId :
SEEP-1DL

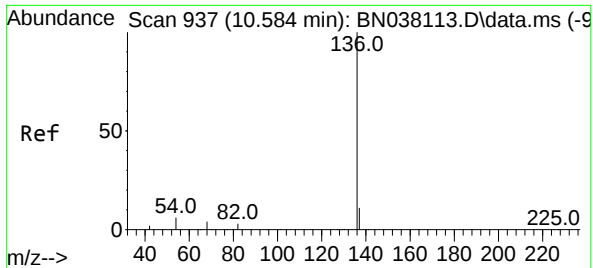
Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.8	45.4	68.0
63	28.8	23.2	34.8



#5
Phenol-d6
Concen: 0.024 ng
RT: 6.944 min Scan# 535
Delta R.T. 0.007 min
Lab File: BN038201.D
Acq: 13 Nov 2025 15:52

Tgt Ion	Ratio	Lower	Upper
99	100		
42	0.0	16.6	24.8#
71	45.4	25.4	38.2#



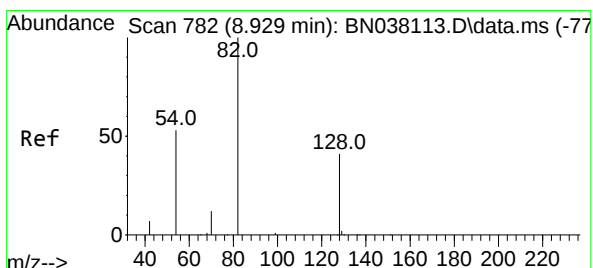
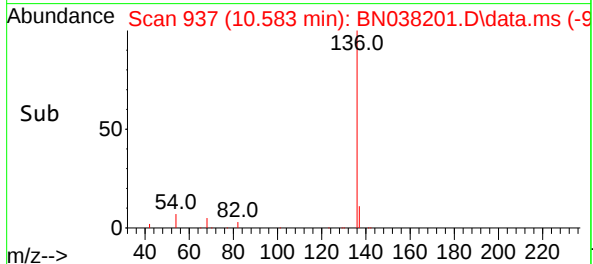
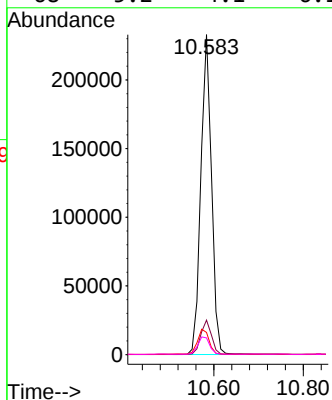
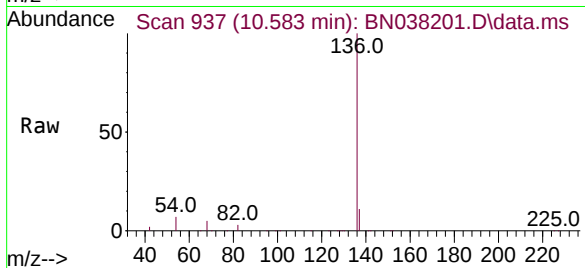


#7
Naphthalene-d8
Concen: 4.000 ng
RT: 10.583 min Scan# 937
Delta R.T. 0.011 min
Lab File: BN038201.D
Acq: 13 Nov 2025 15:52

Instrument :
BNA_N
ClientSampleId :
SEEP-1DL

Tgt Ion:136 Resp: 385141

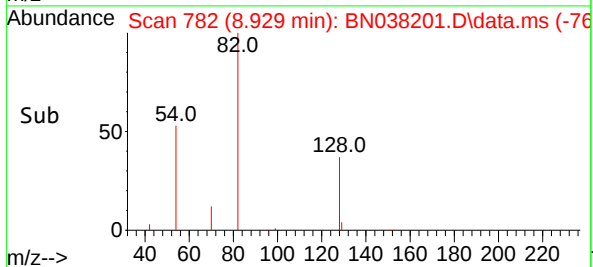
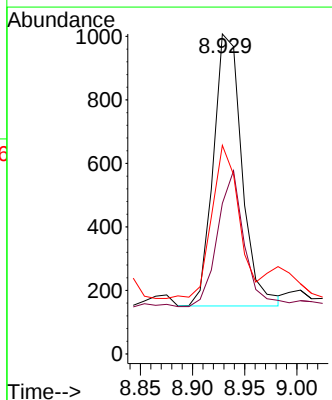
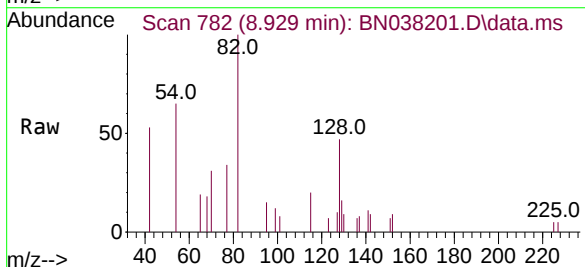
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	6.9	5.2	7.8
68	5.2	4.1	6.1

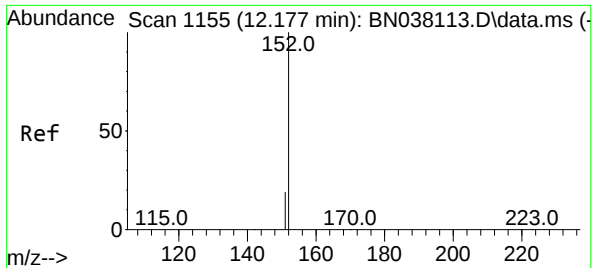


#8
Nitrobenzene-d5
Concen: 0.053 ng
RT: 8.929 min Scan# 782
Delta R.T. -0.000 min
Lab File: BN038201.D
Acq: 13 Nov 2025 15:52

Tgt Ion: 82 Resp: 1640

Ion	Ratio	Lower	Upper
82	100		
128	47.0	34.1	51.1
54	65.2	43.5	65.3

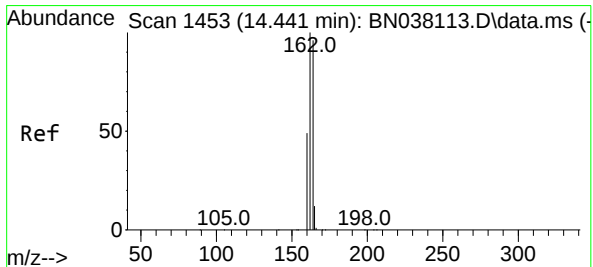
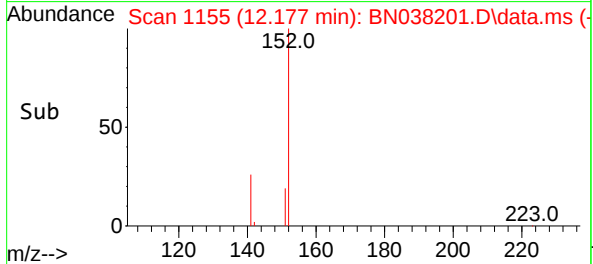
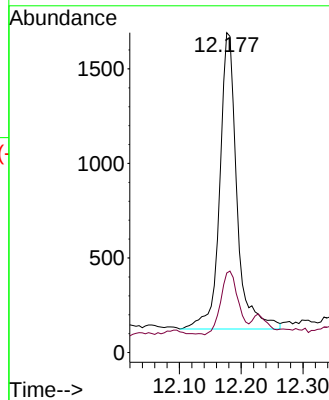
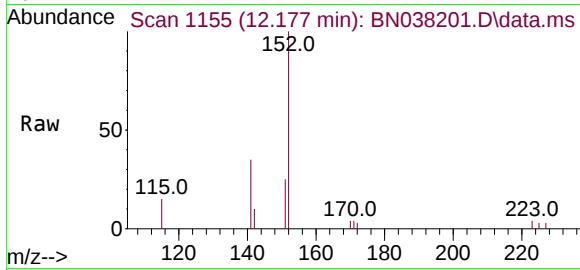




#11
2-Methylnaphthalene-d10
Concen: 0.055 ng
RT: 12.177 min Scan# 1155
Delta R.T. -0.000 min
Lab File: BN038201.D
Acq: 13 Nov 2025 15:52

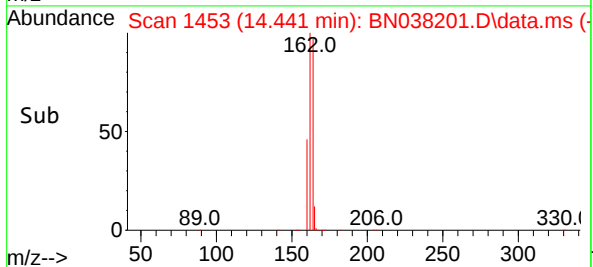
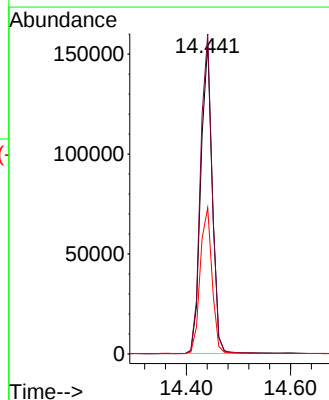
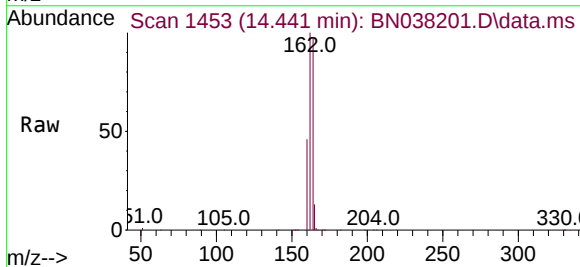
Instrument :
BNA_N
ClientSampleId :
SEEP-1DL

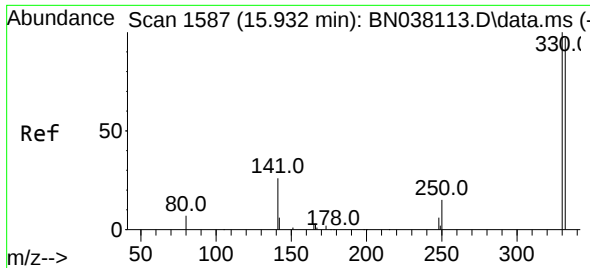
Tgt Ion:152 Resp: 3026
Ion Ratio Lower Upper
152 100
151 22.1 16.8 25.2



#13
Acenaphthene-d10
Concen: 4.000 ng
RT: 14.441 min Scan# 1453
Delta R.T. 0.011 min
Lab File: BN038201.D
Acq: 13 Nov 2025 15:52

Tgt Ion:164 Resp: 236632
Ion Ratio Lower Upper
164 100
162 103.1 83.0 124.4
160 47.1 40.7 61.1

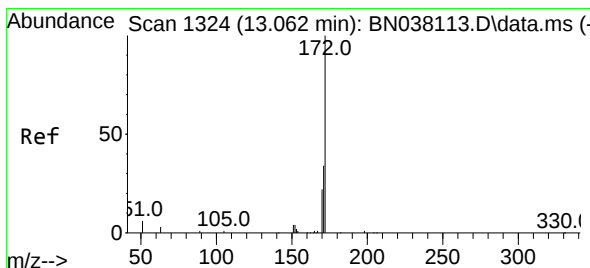
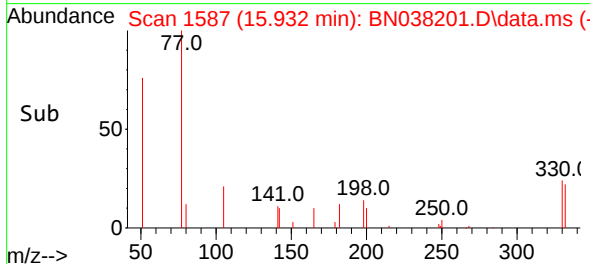
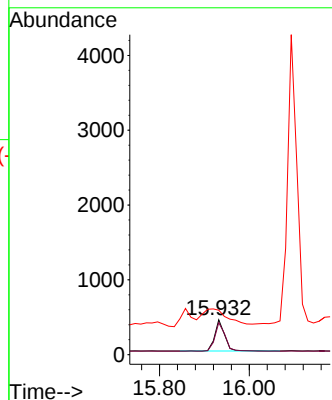
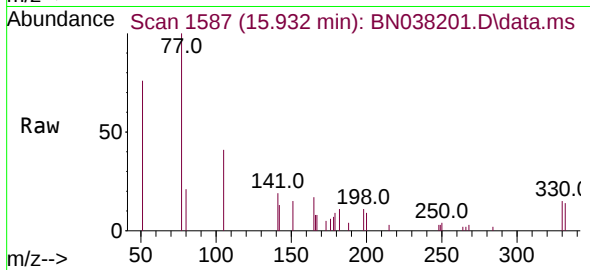




#14
2,4,6-Tribromophenol
Concen: 0.065 ng
RT: 15.932 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BN038201.D
Acq: 13 Nov 2025 15:52

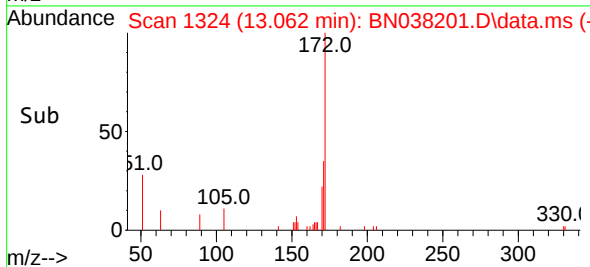
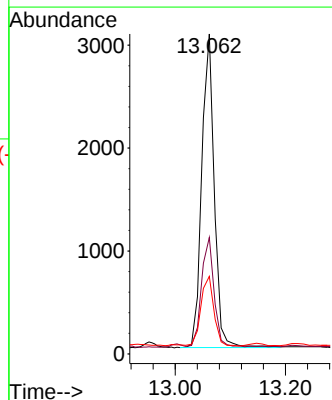
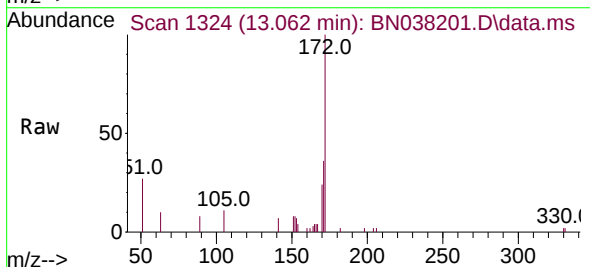
Instrument :
BNA_N
ClientSampleId :
SEEP-1DL

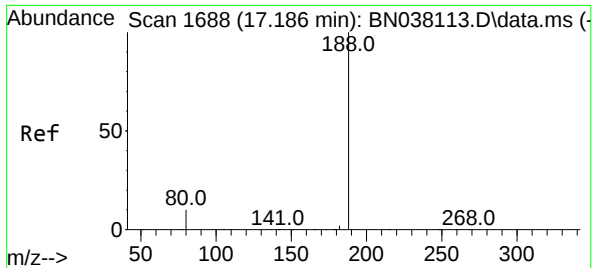
Tgt Ion:330 Resp: 629
Ion Ratio Lower Upper
330 100
332 96.3 76.6 114.8
141 130.0 34.1 51.1#



#15
2-Fluorobiphenyl
Concen: 0.051 ng
RT: 13.062 min Scan# 1324
Delta R.T. 0.011 min
Lab File: BN038201.D
Acq: 13 Nov 2025 15:52

Tgt Ion:172 Resp: 4796
Ion Ratio Lower Upper
172 100
171 36.4 27.8 41.6
170 24.2 18.1 27.1





#19

Phenanthrene-d10

Concen: 4.000 ng

RT: 17.186 min Scan# 1688

Delta R.T. -0.000 min

Lab File: BN038201.D

Acq: 13 Nov 2025 15:52

Instrument :

BNA_N

ClientSampleId :

SEEP-1DL

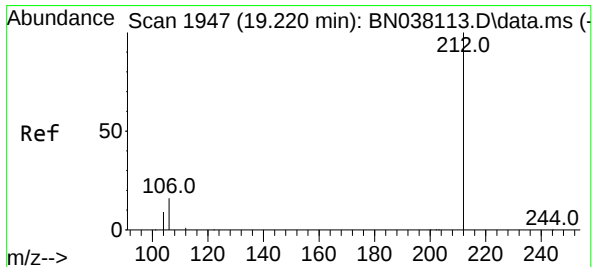
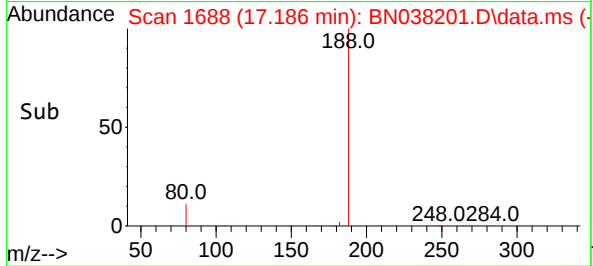
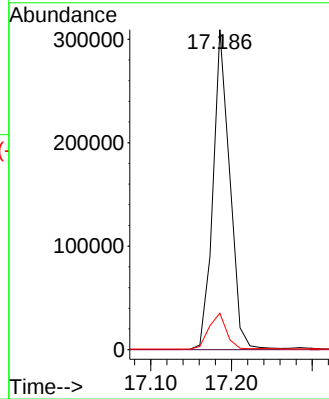
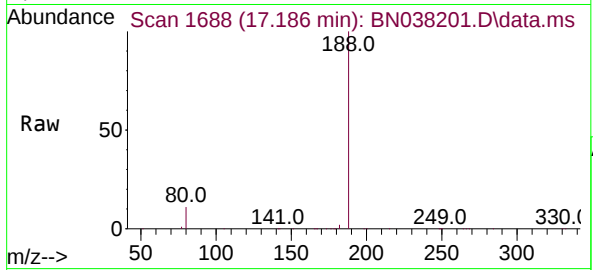
Tgt Ion:188 Resp: 445927

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.4 8.6 13.0



#27

Fluoranthene-d10

Concen: 0.047 ng

RT: 19.225 min Scan# 1948

Delta R.T. 0.005 min

Lab File: BN038201.D

Acq: 13 Nov 2025 15:52

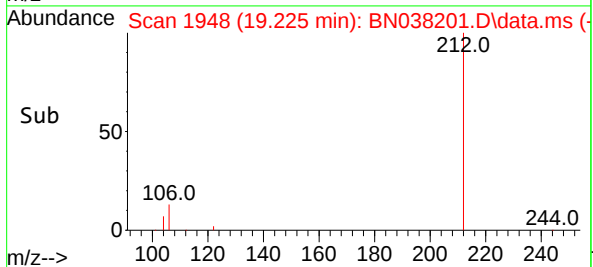
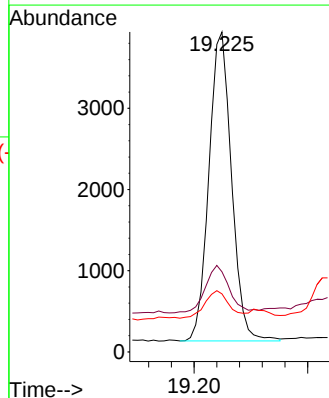
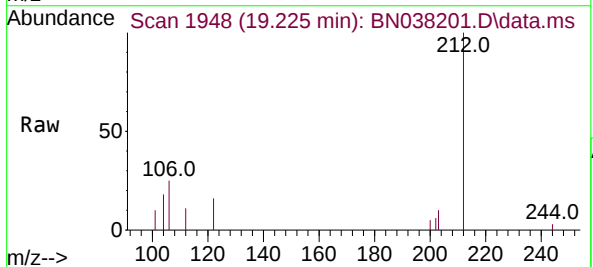
Tgt Ion:212 Resp: 5282

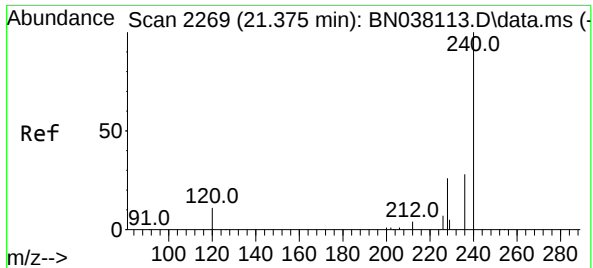
Ion Ratio Lower Upper

212 100

106 16.4 12.6 19.0

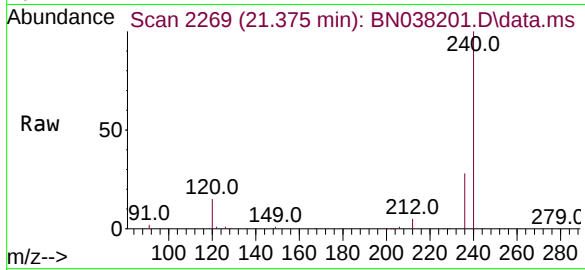
104 9.4 7.1 10.7



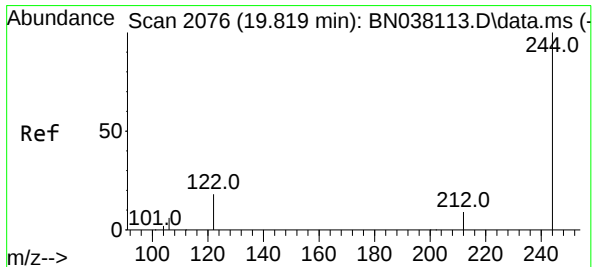
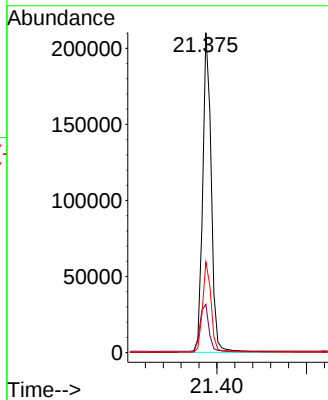
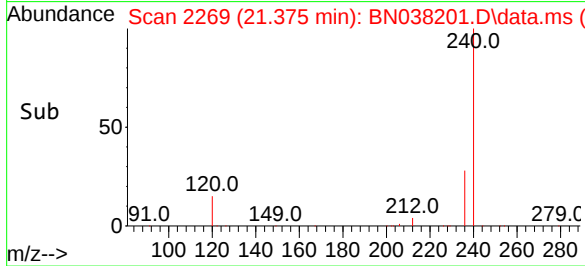


#29
Chrysene-d12
Concen: 4.000 ng
RT: 21.375 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN038201.D
Acq: 13 Nov 2025 15:52

Instrument :
BNA_N
ClientSampleId :
SEEP-1DL

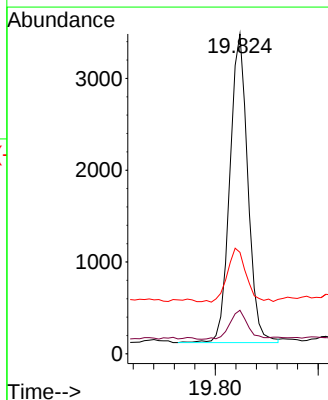
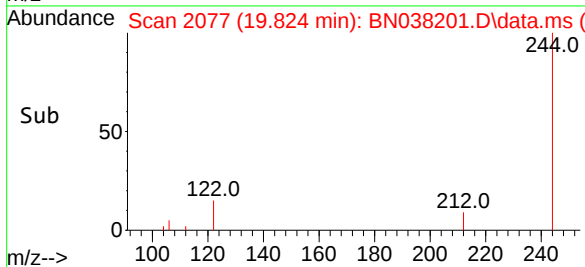
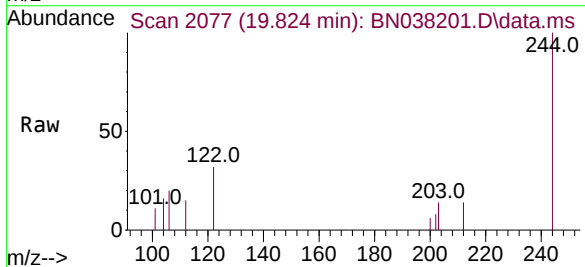


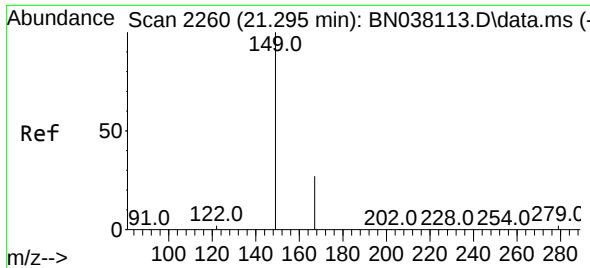
Tgt Ion:240 Resp: 278772
Ion Ratio Lower Upper
240 100
120 15.1 10.7 16.1
236 28.3 23.1 34.7



#31
Terphenyl-d14
Concen: 0.067 ng
RT: 19.824 min Scan# 2077
Delta R.T. 0.005 min
Lab File: BN038201.D
Acq: 13 Nov 2025 15:52

Tgt Ion:244 Resp: 4083
Ion Ratio Lower Upper
244 100
212 13.6 7.8 11.6#
122 31.7 15.2 22.8#

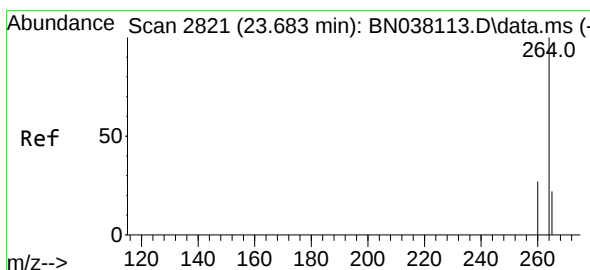
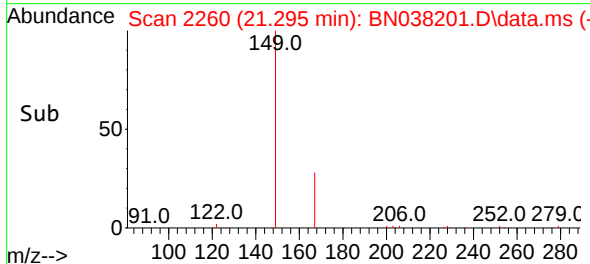
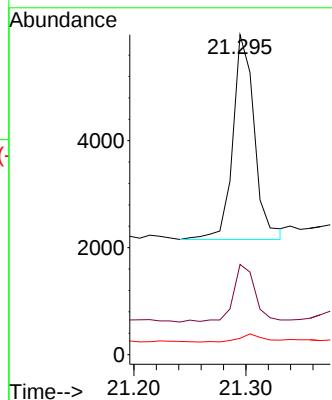
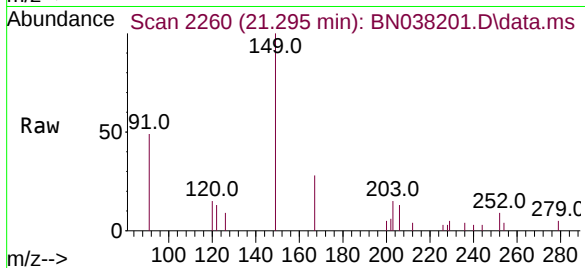




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.098 ng
 RT: 21.295 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN038201.D
 Acq: 13 Nov 2025 15:52

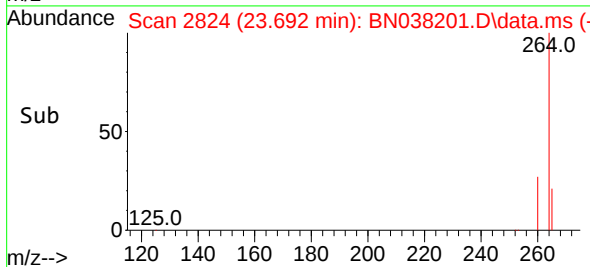
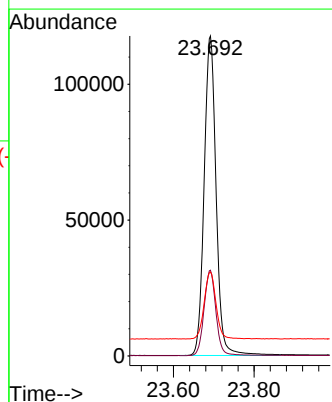
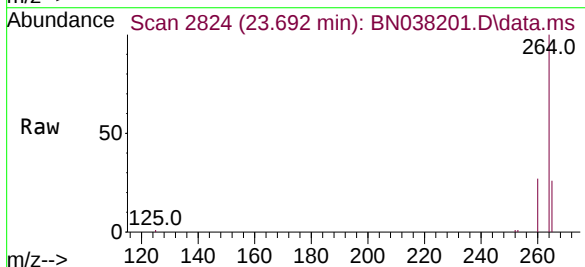
Instrument :
 BNA_N
 ClientSampleId :
 SEEP-1DL

Tgt Ion:149 Resp: 5129
 Ion Ratio Lower Upper
 149 100
 167 29.1 21.1 31.7
 279 4.4 2.9 4.3#



#35
 Perylene-d12
 Concen: 4.000 ng
 RT: 23.692 min Scan# 2824
 Delta R.T. 0.012 min
 Lab File: BN038201.D
 Acq: 13 Nov 2025 15:52

Tgt Ion:264 Resp: 242288
 Ion Ratio Lower Upper
 264 100
 260 26.8 21.8 32.8
 265 26.2 68.6 102.8#



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111225\
Data File : BN038184.D
Acq On : 12 Nov 2025 10:07
Operator : RC/JU
Sample : PB170483BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB170483BL

A
B
C
D
E
F
G
H
I
J
K

Quant Time: Nov 12 10:31:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.768	152	9479	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	27842	0.400	ng	# 0.00
13) Acenaphthene-d10	14.430	164	15234	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	28458	0.400	ng	# 0.00
29) Chrysene-d12	21.375	240	18990	0.400	ng	0.00
35) Perylene-d12	23.686	264	17381	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	8510	0.381	ng	0.00
5) Phenol-d6	6.937	99	9697	0.357	ng	0.00
8) Nitrobenzene-d5	8.929	82	8268	0.368	ng	0.00
11) 2-Methylnaphthalene-d10	12.172	152	13840	0.348	ng	0.00
14) 2,4,6-Tribromophenol	15.945	330	1460	0.233	ng	0.01
15) 2-Fluorobiphenyl	13.051	172	22378	0.367	ng	0.00
27) Fluoranthene-d10	19.220	212	24538	0.342	ng	0.00
31) Terphenyl-d14	19.819	244	19123	0.464	ng	0.00

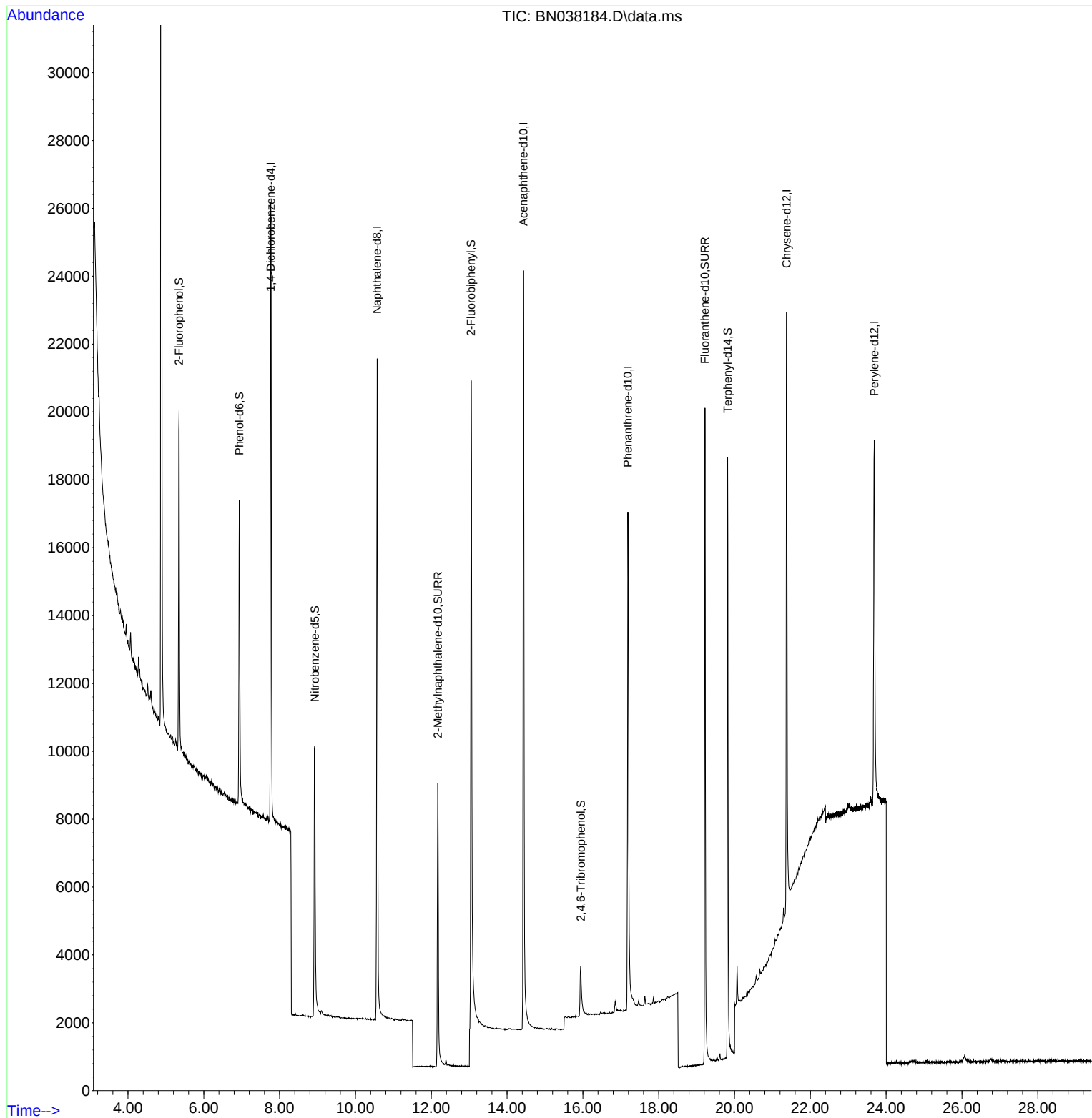
Target Compounds	Qvalue

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

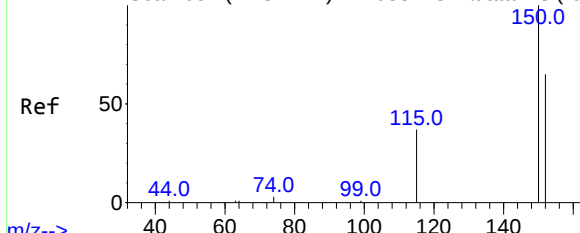
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111225\
Data File : BN038184.D
Acq On : 12 Nov 2025 10:07
Operator : RC/JU
Sample : PB170483BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB170483BL

Quant Time: Nov 12 10:31:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration



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



#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.768 min Scan# 64

Delta R.T. -0.007 min

Lab File: BN038184.D

Acq: 12 Nov 2025 10:07

Instrument :

BNA_N

ClientSampleId :

PB170483BL

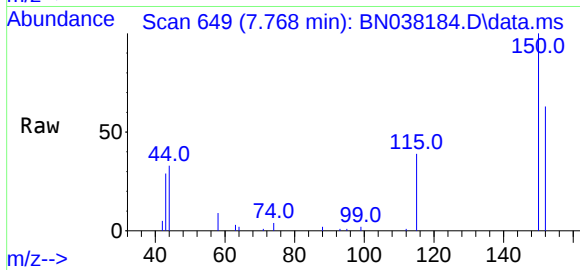
Tgt Ion:152 Resp: 9479

Ion Ratio Lower Upper

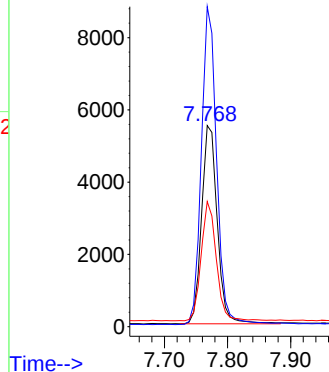
152 100

150 159.1 122.3 183.5

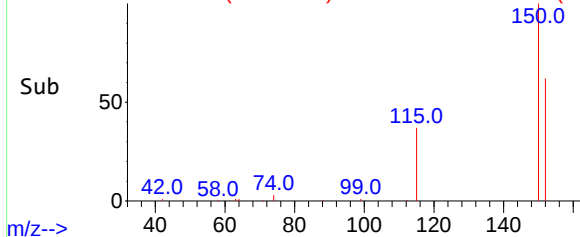
115 62.2 47.4 71.0



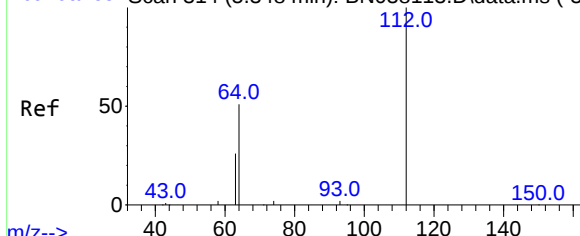
Abundance



Abundance Scan 649 (7.768 min): BN038184.D\data.ms (-62



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



#4

2-Fluorophenol

Concen: 0.381 ng

RT: 5.348 min Scan# 314

Delta R.T. 0.000 min

Lab File: BN038184.D

Acq: 12 Nov 2025 10:07

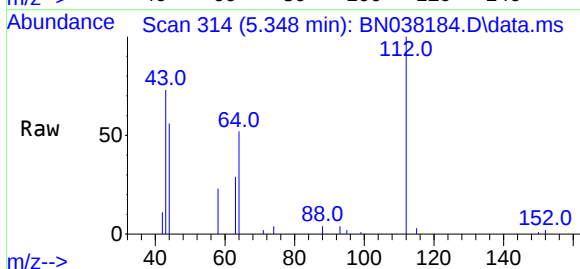
Tgt Ion:112 Resp: 8510

Ion Ratio Lower Upper

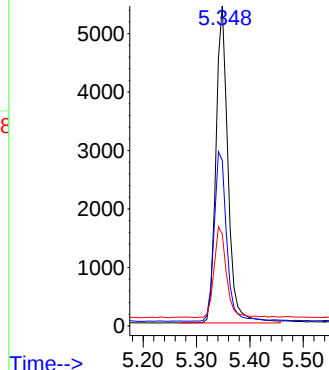
112 100

64 55.6 45.4 68.0

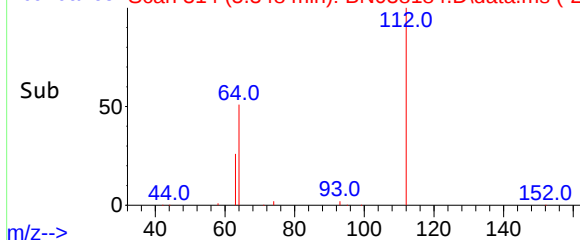
63 29.4 23.2 34.8



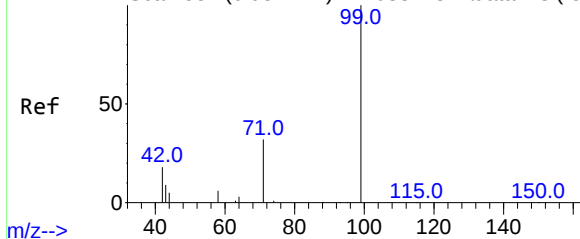
Abundance



Abundance Scan 314 (5.348 min): BN038184.D\data.ms (-28



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



#5

Phenol-d6

Concen: 0.357 ng

RT: 6.937 min Scan# 51

Delta R.T. 0.000 min

Lab File: BN038184.D

Acq: 12 Nov 2025 10:07

Instrument :

BNA_N

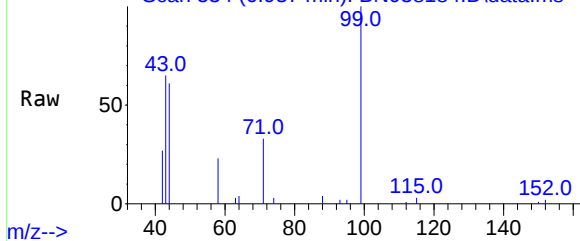
ClientSampleId :

PB170483BL

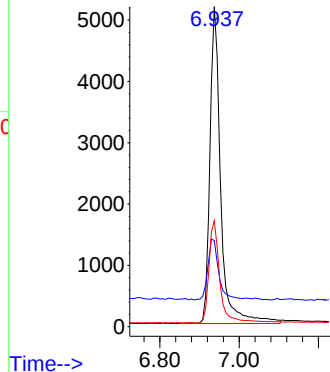
Tgt Ion: 99 Resp: 9697

Ion	Ratio	Lower	Upper
99	100		
42	19.5	16.6	24.8
71	32.8	25.4	38.2

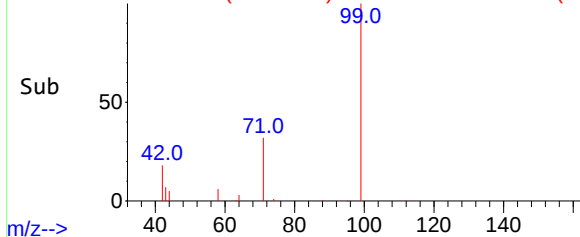
Abundance Scan 534 (6.937 min): BN038184.D\data.ms



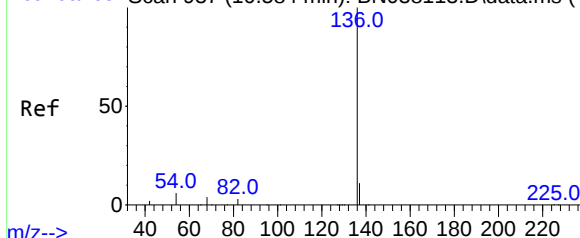
Abundance



Abundance Scan 534 (6.937 min): BN038184.D\data.ms (-50



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



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.573 min Scan# 936

Delta R.T. 0.000 min

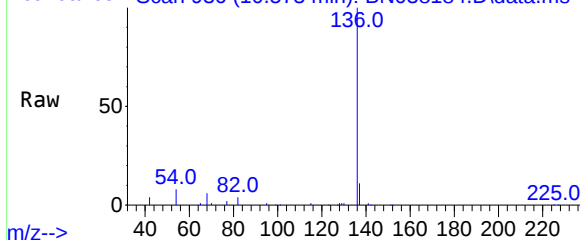
Lab File: BN038184.D

Acq: 12 Nov 2025 10:07

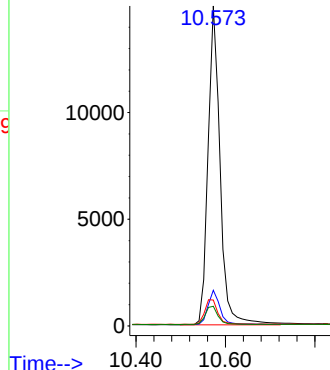
Tgt Ion: 136 Resp: 27842

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	8.1	5.2	7.8#
68	6.1	4.1	6.1#

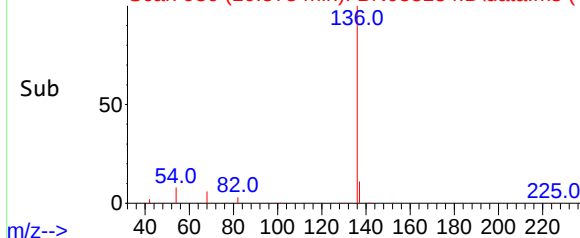
Abundance Scan 936 (10.573 min): BN038184.D\data.ms



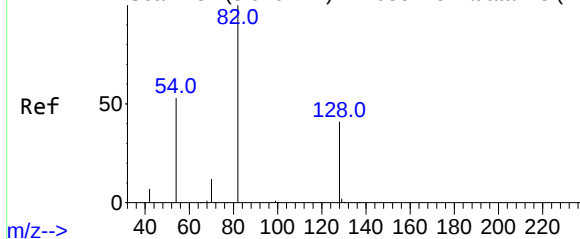
Abundance



Abundance Scan 936 (10.573 min): BN038184.D\data.ms (-9



Abundance Scan 782 (8.929 min): BN038113.D\data.ms (-77



#8

Nitrobenzene-d5

Concen: 0.368 ng

RT: 8.929 min Scan# 71

Delta R.T. 0.000 min

Lab File: BN038184.D

Acq: 12 Nov 2025 10:07

Instrument :

BNA_N

ClientSampleId :

PB170483BL

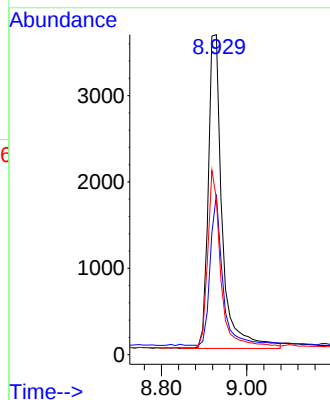
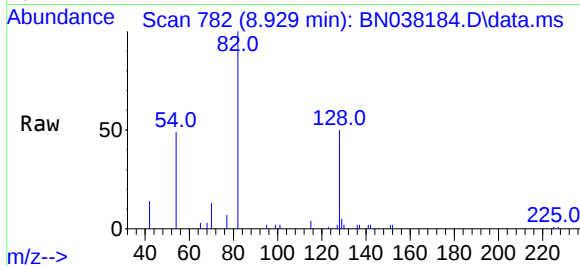
Tgt Ion: 82 Resp: 8268

Ion Ratio Lower Upper

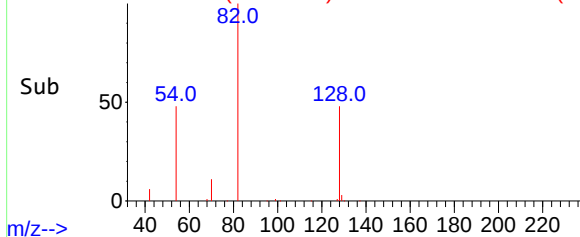
82 100

128 50.0 34.1 51.1

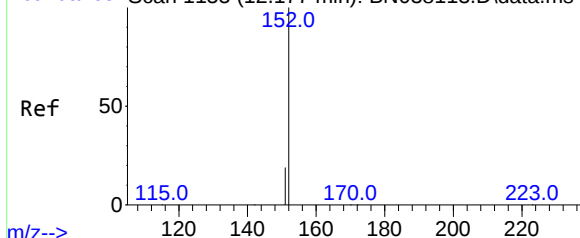
54 48.8 43.5 65.3



Abundance Scan 782 (8.929 min): BN038184.D\data.ms (-76



Abundance Scan 1155 (12.177 min): BN038113.D\data.ms (-



#11

2-Methylnaphthalene-d10

Concen: 0.348 ng

RT: 12.172 min Scan# 1154

Delta R.T. -0.005 min

Lab File: BN038184.D

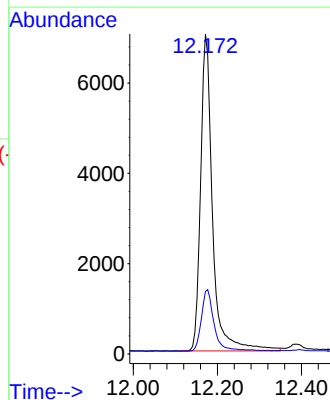
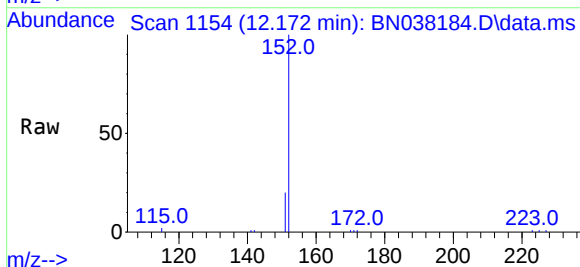
Acq: 12 Nov 2025 10:07

Tgt Ion: 152 Resp: 13840

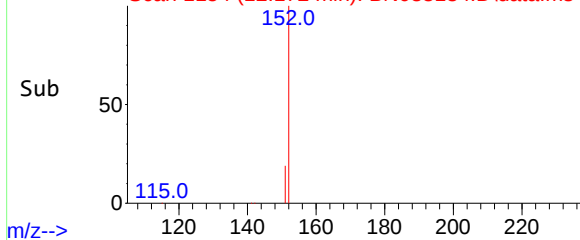
Ion Ratio Lower Upper

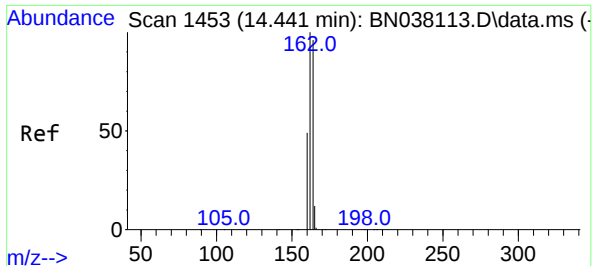
152 100

151 20.7 16.8 25.2



Abundance Scan 1154 (12.172 min): BN038184.D\data.ms (-

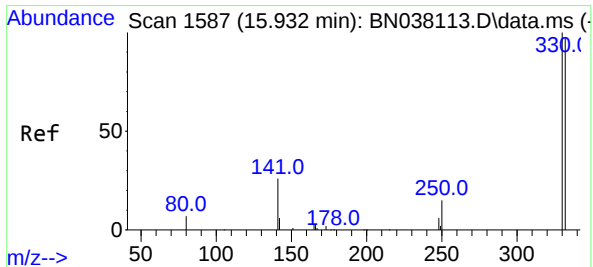
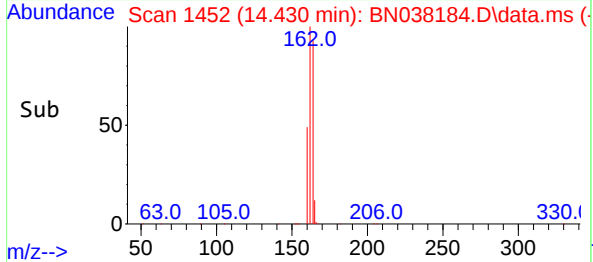
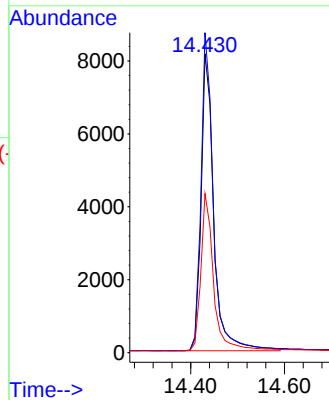
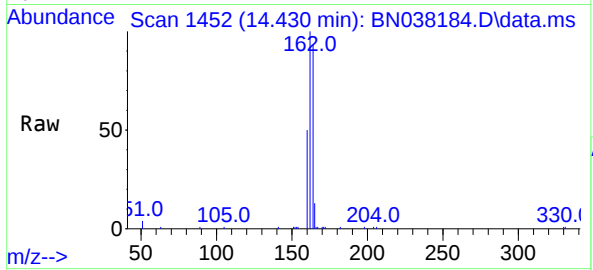




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 1453
Delta R.T. 0.000 min
Lab File: BN038184.D
Acq: 12 Nov 2025 10:07

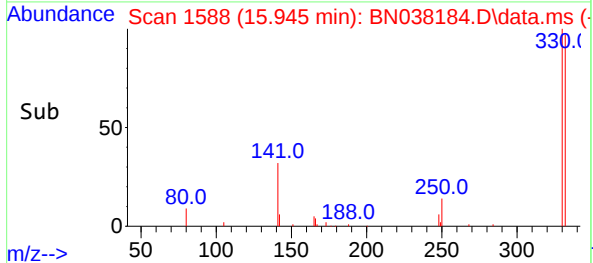
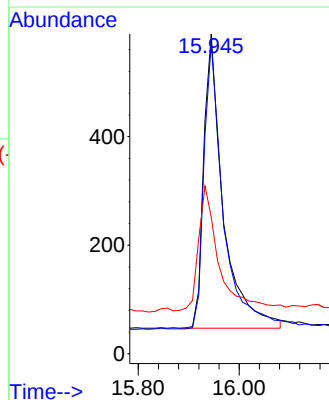
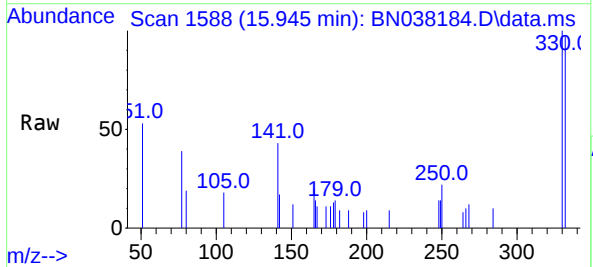
Instrument :
BNA_N
ClientSampleId :
PB170483BL

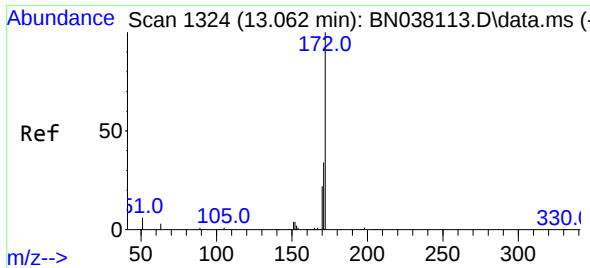
Tgt Ion:164 Resp: 15234
Ion Ratio Lower Upper
164 100
162 107.0 83.0 124.4
160 53.2 40.7 61.1



#14
2,4,6-Tribromophenol
Concen: 0.233 ng
RT: 15.945 min Scan# 1588
Delta R.T. 0.013 min
Lab File: BN038184.D
Acq: 12 Nov 2025 10:07

Tgt Ion:330 Resp: 1460
Ion Ratio Lower Upper
330 100
332 96.7 76.6 114.8
141 44.2 34.1 51.1

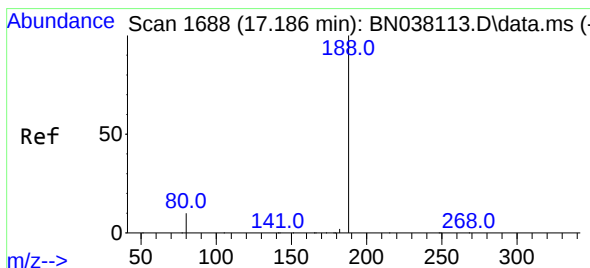
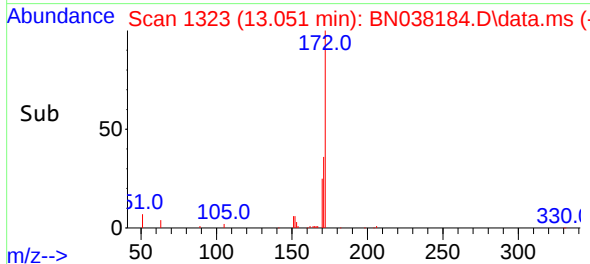
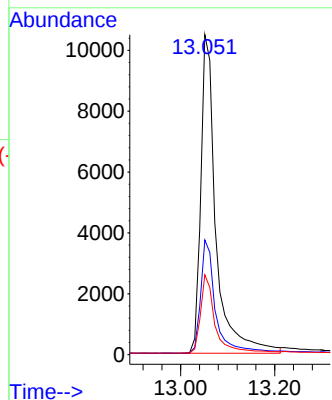
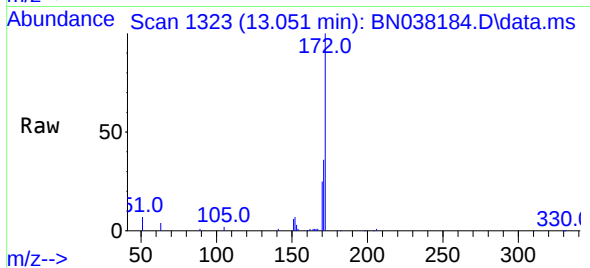




#15
2-Fluorobiphenyl
Concen: 0.367 ng
RT: 13.051 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN038184.D
Acq: 12 Nov 2025 10:07

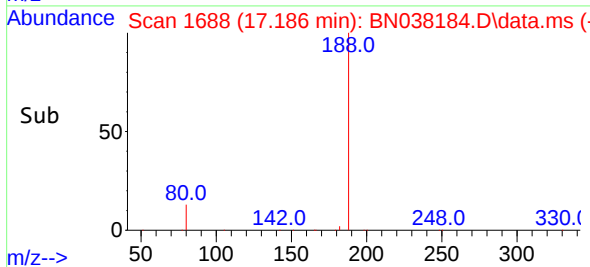
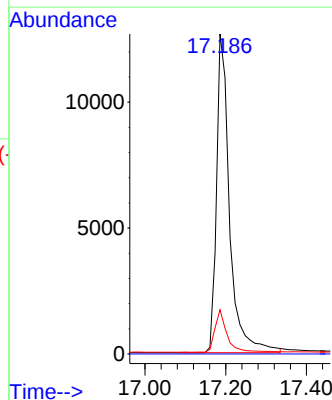
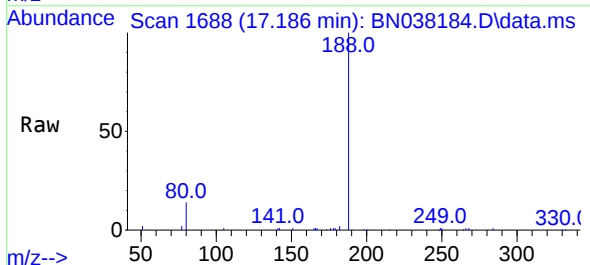
Instrument :
BNA_N
ClientSampleId :
PB170483BL

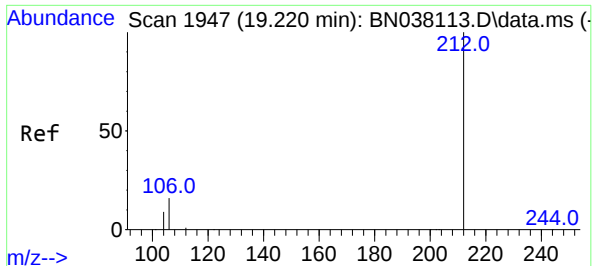
Tgt Ion:	172	Resp:	22378
Ion	Ratio	Lower	Upper
172	100		
171	35.9	27.8	41.6
170	24.9	18.1	27.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1688
Delta R.T. 0.000 min
Lab File: BN038184.D
Acq: 12 Nov 2025 10:07

Tgt Ion:	188	Resp:	28458
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.8	8.6	13.0





#27

Fluoranthene-d10

Concen: 0.342 ng

RT: 19.220 min Scan# 1947

Delta R.T. 0.000 min

Lab File: BN038184.D

Acq: 12 Nov 2025 10:07

Instrument :

BNA_N

ClientSampleId :

PB170483BL

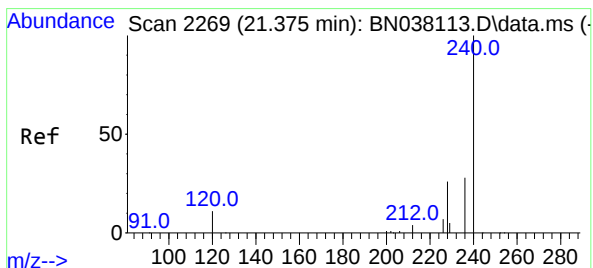
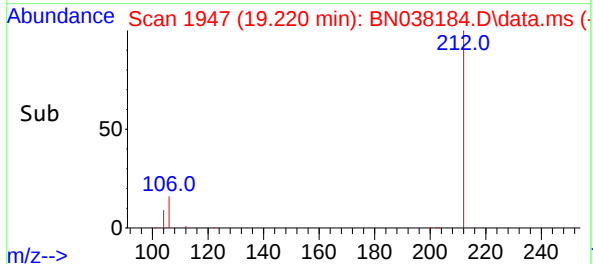
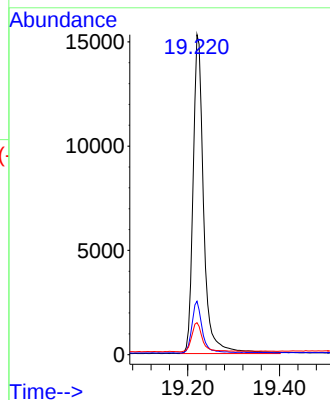
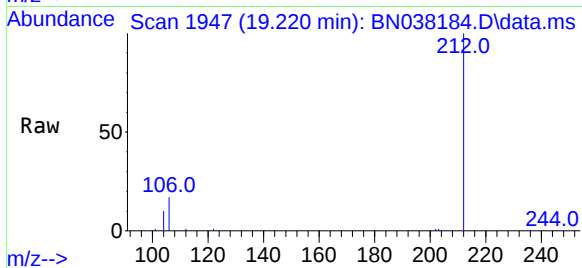
Tgt Ion:212 Resp: 24538

Ion Ratio Lower Upper

212 100

106 15.8 12.6 19.0

104 9.2 7.1 10.7



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.375 min Scan# 2269

Delta R.T. 0.000 min

Lab File: BN038184.D

Acq: 12 Nov 2025 10:07

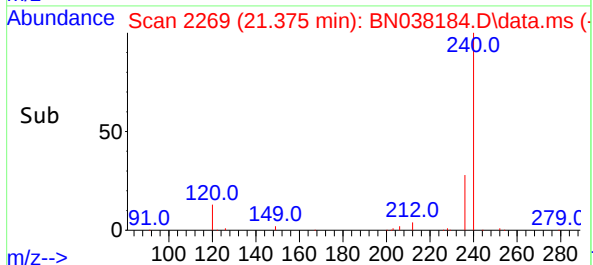
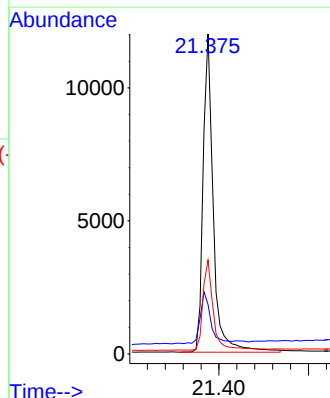
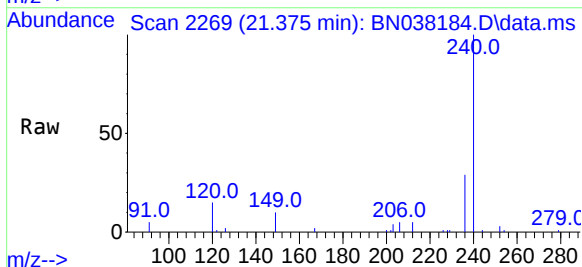
Tgt Ion:240 Resp: 18990

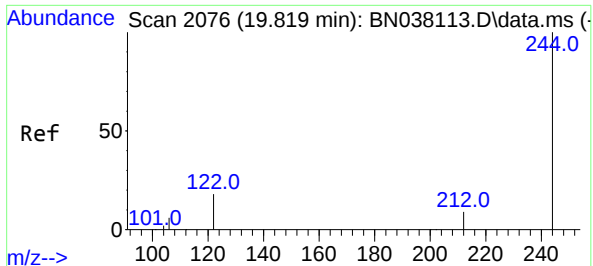
Ion Ratio Lower Upper

240 100

120 15.4 10.7 16.1

236 29.3 23.1 34.7

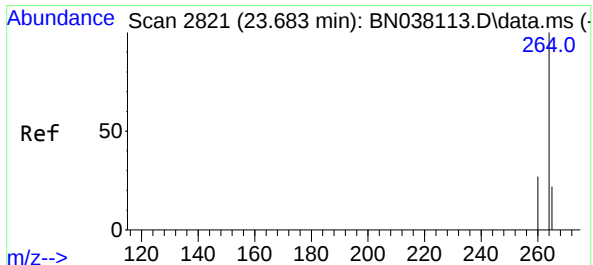
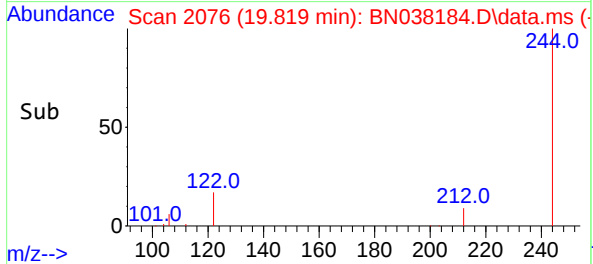
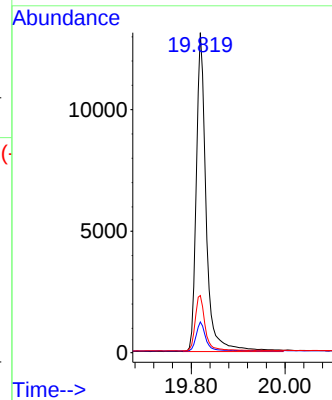
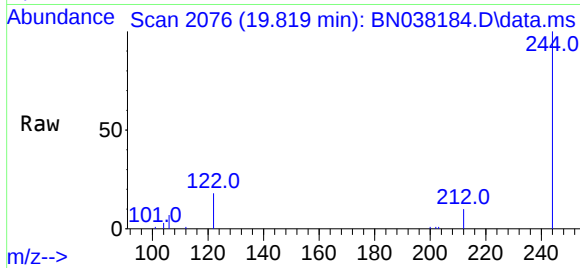




#31
Terphenyl-d14
Concen: 0.464 ng
RT: 19.819 min Scan# 2076
Delta R.T. 0.000 min
Lab File: BN038184.D
Acq: 12 Nov 2025 10:07

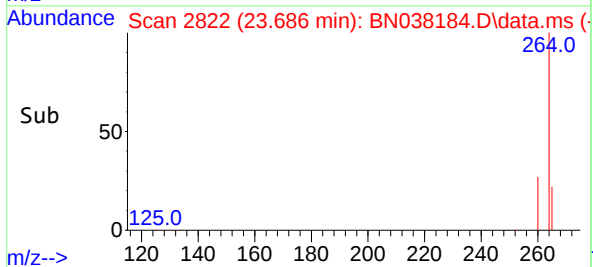
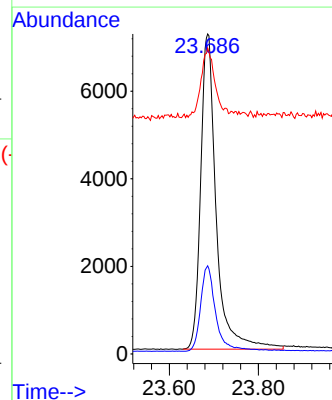
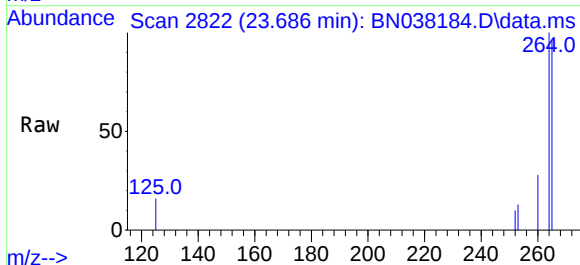
Instrument :
BNA_N
ClientSampleId :
PB170483BL

Tgt Ion:244 Resp: 19123
Ion Ratio Lower Upper
244 100
212 9.6 7.8 11.6
122 17.8 15.2 22.8



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.686 min Scan# 2822
Delta R.T. 0.006 min
Lab File: BN038184.D
Acq: 12 Nov 2025 10:07

Tgt Ion:264 Resp: 17381
Ion Ratio Lower Upper
264 100
260 27.6 21.8 32.8
265 95.6 68.6 102.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111225\
 Data File : BN038185.D
 Acq On : 12 Nov 2025 10:44
 Operator : RC/JU
 Sample : PB170483BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB170483BS

Quant Time: Nov 12 11:09:05 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 29 13:09:46 2025
 Response via : Initial Calibration

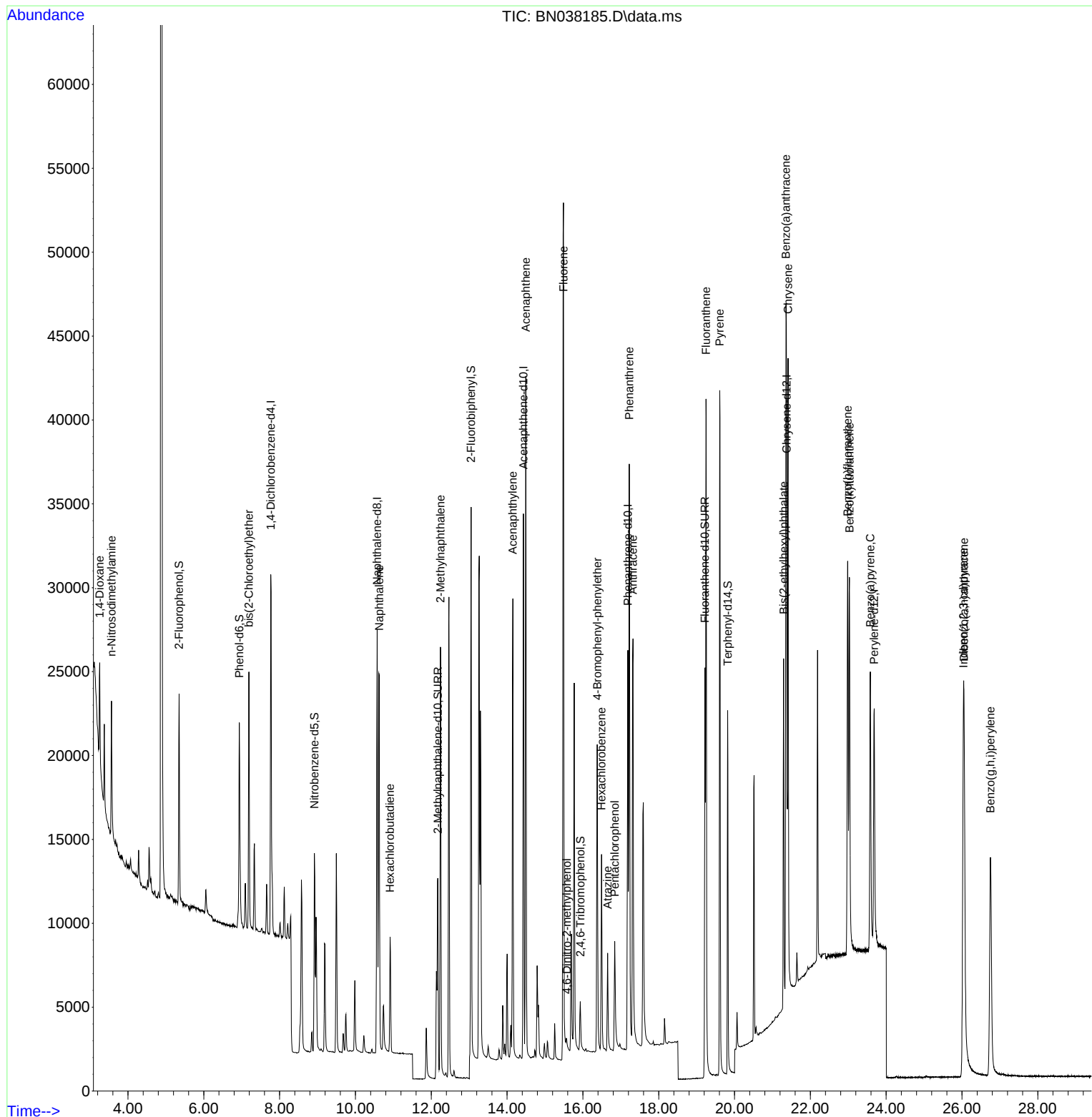
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.768	152	11079	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	33638	0.400	ng	0.00
13) Acenaphthene-d10	14.430	164	18281	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	33841	0.400	ng	0.00
29) Chrysene-d12	21.375	240	23862	0.400	ng	0.00
35) Perylene-d12	23.683	264	21641	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	10277	0.394	ng	0.00
5) Phenol-d6	6.937	99	11978	0.377	ng	0.00
8) Nitrobenzene-d5	8.918	82	10064	0.371	ng	-0.01
11) 2-Methylnaphthalene-d10	12.172	152	17459	0.363	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	2025	0.269	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	27223	0.372	ng	0.00
27) Fluoranthene-d10	19.220	212	28223	0.331	ng	0.00
31) Terphenyl-d14	19.819	244	22475	0.434	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.254	88	3649	0.319	ng	# 64
3) n-Nitrosodimethylamine	3.564	42	4978	0.338	ng	# 95
6) bis(2-Chloroethyl)ether	7.190	93	11386	0.365	ng	99
9) Naphthalene	10.626	128	32861	0.355	ng	100
10) Hexachlorobutadiene	10.915	225	5768	0.369	ng	# 99
12) 2-Methylnaphthalene	12.243	142	19357	0.313	ng	98
16) Acenaphthylene	14.152	152	31993	0.386	ng	99
17) Acenaphthene	14.494	154	19697	0.340	ng	98
18) Fluorene	15.489	166	26917	0.355	ng	100
20) 4,6-Dinitro-2-methylph...	15.572	198	646	0.284	ng	# 71
21) 4-Bromophenyl-phenylether	16.379	248	7923	0.357	ng	92
22) Hexachlorobenzene	16.491	284	9691	0.384	ng	98
23) Atrazine	16.652	200	5427	0.334	ng	98
24) Pentachlorophenol	16.838	266	4291	0.395	ng	98
25) Phenanthrene	17.223	178	37919	0.353	ng	100
26) Anthracene	17.322	178	34132	0.363	ng	99
28) Fluoranthene	19.248	202	39000	0.325	ng	100
30) Pyrene	19.610	202	38950	0.362	ng	100
32) Benzo(a)anthracene	21.357	228	31304	0.368	ng	99
33) Chrysene	21.411	228	34651	0.375	ng	100
34) Bis(2-ethylhexyl)phtha...	21.295	149	16109	0.359	ng	100
36) Indeno(1,2,3-cd)pyrene	26.037	276	36958	0.416	ng	99
37) Benzo(b)fluoranthene	22.984	252	31609	0.342	ng	99
38) Benzo(k)fluoranthene	23.031	252	33378	0.358	ng	98
39) Benzo(a)pyrene	23.581	252	28450	0.384	ng	97
40) Dibenzo(a,h)anthracene	26.054	278	28160	0.412	ng	97
41) Benzo(g,h,i)perylene	26.750	276	31402	0.402	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111225\
Data File : BN038185.D
Acq On : 12 Nov 2025 10:44
Operator : RC/JU
Sample : PB170483BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB170483BS

Quant Time: Nov 12 11:09:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111225\
 Data File : BN038186.D
 Acq On : 12 Nov 2025 11:20
 Operator : RC/JU
 Sample : PB170483BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB170483BSD

Quant Time: Nov 12 11:44:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 29 13:09:46 2025
 Response via : Initial Calibration

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

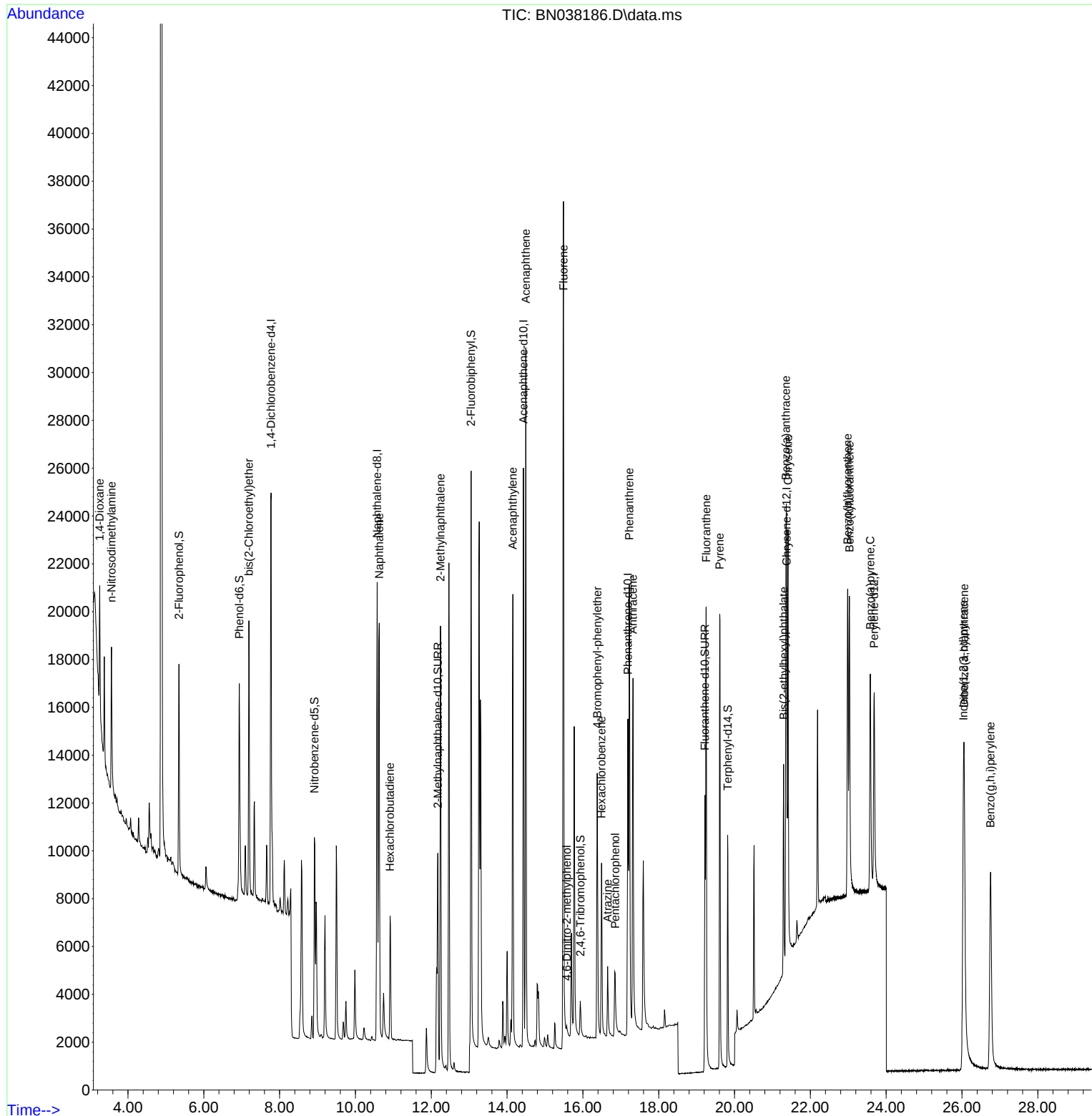
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	9171	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	26214	0.400	ng	0.00
13) Acenaphthene-d10	14.430	164	13453	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	20310	0.400	ng	0.00
29) Chrysene-d12	21.375	240	12107	0.400	ng	0.00
35) Perylene-d12	23.683	264	12660	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	7806	0.361	ng	0.00
5) Phenol-d6	6.937	99	9239	0.351	ng	0.00
8) Nitrobenzene-d5	8.918	82	7662	0.362	ng	-0.01
11) 2-Methylnaphthalene-d10	12.172	152	13900	0.371	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	1151	0.208	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	20428	0.379	ng	0.00
27) Fluoranthene-d10	19.220	212	14174	0.277	ng	0.00
31) Terphenyl-d14	19.819	244	10666	0.405	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.254	88	2929	0.309	ng	# 68
3) n-Nitrosodimethylamine	3.564	42	3880	0.318	ng	# 95
6) bis(2-Chloroethyl)ether	7.190	93	8931	0.345	ng	98
9) Naphthalene	10.626	128	24859	0.344	ng	100
10) Hexachlorobutadiene	10.915	225	4424	0.363	ng	# 98
12) 2-Methylnaphthalene	12.243	142	14646	0.304	ng	98
16) Acenaphthylene	14.152	152	22595	0.371	ng	100
17) Acenaphthene	14.495	154	14074	0.330	ng	98
18) Fluorene	15.489	166	18102	0.324	ng	100
20) 4,6-Dinitro-2-methylph...	15.572	198	378	0.281	ng	# 33
21) 4-Bromophenyl-phenylether	16.379	248	5083	0.382	ng	95
22) Hexachlorobenzene	16.491	284	6389	0.422	ng	98
23) Atrazine	16.652	200	2972	0.305	ng	96
24) Pentachlorophenol	16.851	266	2276	0.349	ng	98
25) Phenanthrene	17.223	178	22214	0.345	ng	100
26) Anthracene	17.322	178	20143	0.357	ng	99
28) Fluoranthene	19.253	202	19276	0.268	ng	100
30) Pyrene	19.610	202	19106	0.350	ng	100
32) Benzo(a)anthracene	21.358	228	14926	0.346	ng	100
33) Chrysene	21.411	228	17480	0.373	ng	99
34) Bis(2-ethylhexyl)phtha...	21.295	149	7077	0.311	ng	99
36) Indeno(1,2,3-cd)pyrene	26.040	276	22426	0.431	ng	99
37) Benzo(b)fluoranthene	22.984	252	17625	0.326	ng	# 92
38) Benzo(k)fluoranthene	23.031	252	18608	0.342	ng	# 94
39) Benzo(a)pyrene	23.581	252	16391	0.378	ng	93
40) Dibenzo(a,h)anthracene	26.057	278	17578	0.439	ng	99
41) Benzo(g,h,i)perylene	26.753	276	19756	0.432	ng	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111225\
Data File : BN038186.D
Acq On : 12 Nov 2025 11:20
Operator : RC/JU
Sample : PB170483BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB170483BSD

Quant Time: Nov 12 11:44:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration





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

Manual Integration Report

Sequence:

BN102825

Instrument

BNA_n

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



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

Manual Integration Report

Sequence:	BN111225	Instrument	BNA_n
-----------	----------	------------	-------

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
-----------	---------	-----------	-----------	-----------	---------------	---------------	--------

Manual Integration Report

Sequence:	BN111325	Instrument	BNA_n
-----------	----------	------------	-------

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q3584-07	BN038200.D	Benzo(a)anthracene	Jagrut	11/13/2025 5:00:37 PM	Sohil	11/14/2025 12:27:36 PM	Peak Integrated by Software
Q3584-07	BN038200.D	Phenol-d6	Jagrut	11/13/2025 5:00:37 PM	Sohil	11/14/2025 12:27:36 PM	Peak Integrated by Software

Instrument ID: **BNA_N**

Daily Analysis Runlog For Sequence/QC Batch ID # BN102825

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

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

M : Manual Integration

Instrument ID: **BNA_N**

Daily Analysis Runlog For Sequence/QC Batch ID # BN111225

Review By	rahul	Review On	11/12/2025 1:44:37 PM
Supervise By	Jagrut	Supervise On	11/13/2025 10:06:02 AM
SubDirectory	BN111225	HP Acquire Method	BNA_N
		HP Processing Method	BN102825
STD. NAME	STD REF.#		
Tune/Reschk	SP6875		
Initial Calibration Stds	SP6897,SP6898,SP6900,SP6901,SP6902,SP6903,SP6904		
CCC	SP6902		
Internal Standard/PEM	SP6830,1ul/100ul sample		
ICV/I.BLK	SP6906		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BN038182.D	12 Nov 2025 08:52	RC/JU	Ok
2	SSTDCCC0.4	BN038183.D	12 Nov 2025 09:31	RC/JU	Ok
3	PB170483BL	BN038184.D	12 Nov 2025 10:07	RC/JU	Ok
4	PB170483BS	BN038185.D	12 Nov 2025 10:44	RC/JU	Ok
5	PB170483BSD	BN038186.D	12 Nov 2025 11:20	RC/JU	Ok
6	Q3569-02	BN038187.D	12 Nov 2025 11:56	RC/JU	Dilution
7	Q3584-01	BN038188.D	12 Nov 2025 12:32	RC/JU	Ok
8	Q3569-01	BN038189.D	12 Nov 2025 13:09	RC/JU	Dilution
9	Q3584-03	BN038190.D	12 Nov 2025 13:45	RC/JU	Ok
10	Q3584-02	BN038191.D	12 Nov 2025 14:21	RC/JU	Ok
11	Q3584-04	BN038192.D	12 Nov 2025 14:58	RC/JU	Ok
12	Q3584-05	BN038193.D	12 Nov 2025 15:34	RC/JU	Ok
13	Q3569-02DL	BN038194.D	12 Nov 2025 16:11	RC/JU	Ok
14	Q3569-01DL	BN038195.D	12 Nov 2025 16:47	RC/JU	Ok
15	SSTDCCC0.4	BN038196.D	12 Nov 2025 18:40	RC/JU	Ok

M : Manual Integration

Instrument ID: **BNA_N**

Daily Analysis Runlog For Sequence/QC Batch ID # BN111325

Review By	Jagrut	Review On	11/13/2025 5:04:18 PM
Supervise By	Sohil	Supervise On	11/14/2025 12:27:41 PM
SubDirectory	BN111325	HP Acquire Method	BNA_N, 8270_SiM HP Processing Method BN102825
STD. NAME	STD REF.#		
Tune/Reschk	SP6875		
Initial Calibration Stds	SP6897,SP6898,SP6900,SP6901,SP6902,SP6903,SP6904		
CCC	SP6902		
Internal Standard/PEM	SP6830,1ul/100ul sample		
ICV/I.BLK	SP6906		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BN038197.D	13 Nov 2025 11:34	RC/JU	Ok
2	SSTDCCC0.4	BN038198.D	13 Nov 2025 12:14	RC/JU	Ok
3	PB170483BL	BN038199.D	13 Nov 2025 12:50	RC/JU	Not Ok
4	Q3584-07	BN038200.D	13 Nov 2025 13:27	RC/JU	Dilution
5	Q3584-07DL	BN038201.D	13 Nov 2025 15:52	RC/JU	Ok
6	SSTDCCC0.4	BN038202.D	13 Nov 2025 17:07	RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QC Batch ID # BN102825

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

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

M : Manual Integration

Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QC Batch ID # BN111225

Review By	rahul	Review On	11/12/2025 1:44:37 PM
Supervise By	Jagrut	Supervise On	11/13/2025 10:06:02 AM
SubDirectory	BN111225	HP Acquire Method	BNA_N
		HP Processing Method	BN102825
STD. NAME	STD REF.#		
Tune/Reschk	SP6875		
Initial Calibration Stds	SP6897,SP6898,SP6900,SP6901,SP6902,SP6903,SP6904		
CCC	SP6902		
Internal Standard/PEM	SP6830,1ul/100ul sample		
ICV/I.BLK	SP6906		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BN038182.D	12 Nov 2025 08:52		RC/JU	Ok
2	SSTDCCC0.4	SSTDCCC0.4	BN038183.D	12 Nov 2025 09:31		RC/JU	Ok
3	PB170483BL	PB170483BL	BN038184.D	12 Nov 2025 10:07		RC/JU	Ok
4	PB170483BS	PB170483BS	BN038185.D	12 Nov 2025 10:44		RC/JU	Ok
5	PB170483BSD	PB170483BSD	BN038186.D	12 Nov 2025 11:20		RC/JU	Ok
6	Q3569-02	MW-12	BN038187.D	12 Nov 2025 11:56	Need 40X Dilution	RC/JU	Dilution
7	Q3584-01	SW-1	BN038188.D	12 Nov 2025 12:32		RC/JU	Ok
8	Q3569-01	MW-2	BN038189.D	12 Nov 2025 13:09	Need 10X Dilution	RC/JU	Dilution
9	Q3584-03	SW-3	BN038190.D	12 Nov 2025 13:45		RC/JU	Ok
10	Q3584-02	SW-2	BN038191.D	12 Nov 2025 14:21		RC/JU	Ok
11	Q3584-04	EB-2	BN038192.D	12 Nov 2025 14:58		RC/JU	Ok
12	Q3584-05	FB-2	BN038193.D	12 Nov 2025 15:34		RC/JU	Ok
13	Q3569-02DL	MW-12DL	BN038194.D	12 Nov 2025 16:11		RC/JU	Ok
14	Q3569-01DL	MW-2DL	BN038195.D	12 Nov 2025 16:47		RC/JU	Ok
15	SSTDCCC0.4	SSTDCCC0.4EC	BN038196.D	12 Nov 2025 18:40		RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QC Batch ID # BN111325

Review By	Jagrut	Review On	11/13/2025 5:04:18 PM
Supervise By	Sohil	Supervise On	11/14/2025 12:27:41 PM
SubDirectory	BN111325	HP Acquire Method	BNA_N, 8270_HP Processing Method BN102825
STD. NAME	STD REF.#		
Tune/Reschk	SP6875		
Initial Calibration Stds	SP6897,SP6898,SP6900,SP6901,SP6902,SP6903,SP6904		
CCC	SP6902		
Internal Standard/PEM	SP6830,1ul/100ul sample		
ICV/I.BLK	SP6906		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BN038197.D	13 Nov 2025 11:34		RC/JU	Ok
2	SSTDCCC0.4	SSTDCCC0.4	BN038198.D	13 Nov 2025 12:14	Comp#24 fail from lowside	RC/JU	Ok
3	PB170483BL	PB170483BL	BN038199.D	13 Nov 2025 12:50	Analyzed for contamination check	RC/JU	Not Ok
4	Q3584-07	SEEP-1	BN038200.D	13 Nov 2025 13:27	Need 5X dilution, Regular Internal standard added	RC/JU	Dilution
5	Q3584-07DL	SEEP-1DL	BN038201.D	13 Nov 2025 15:52	Regular Internal standard added	RC/JU	Ok
6	SSTDCCC0.4	SSTDCCC0.4EC	BN038202.D	13 Nov 2025 17:07		RC/JU	Ok

M : Manual Integration

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

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

Matrix : Water **Extraction Start Time :** 08:40

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

Balance check: N/A **Filter By:** RS **Extraction End Time :** 13:40

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

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

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

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

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

Extraction Conformance/Non-Conformance Comments:

PH Adjusted TO <2 with 1:1 H2SO4 & >11with 10N NAOH ,1.5ML Vial Lot #2210443.

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

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

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/11/25	RS (E466)	JY / SU SC
13:45	Preparation Group	Analysis Group

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

Concentration Date: 11/11/2025

Sample ID	Client Sample ID	Test	g (mL)	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170483BL	SBLK483	SVOC-SIMGrou p1	1000	6	RUPESH	ritesh	1			SEP-1
PB170483BS	SLCS483	SVOC-SIMGrou p1	1000	6	RUPESH	ritesh	1			2
PB170483BSD	SLCSD483	SVOC-SIMGrou p1	1000	6	RUPESH	ritesh	1			3
Q3569-01	MW-2	SVOC-SIMGrou p1	950	6	RUPESH	ritesh	1	M		4
Q3569-02	MW-12	SVOC-SIMGrou p1	980	6	RUPESH	ritesh	1	M		5
Q3584-01	SW-1	SVOC-SIMGrou p1	1000	6	RUPESH	ritesh	1	M		6
Q3584-02	SW-2	SVOC-SIMGrou p1	1000	6	RUPESH	ritesh	1	M		7
Q3584-03	SW-3	SVOC-SIMGrou p1	1000	6	RUPESH	ritesh	1	M		8
Q3584-04	EB-2	SVOC-SIMGrou p1	990	6	RUPESH	ritesh	1	H		9
Q3584-05	FB-2	SVOC-SIMGrou p1	980	6	RUPESH	ritesh	1	F		10
Q3584-07	SEEP-1	SVOC-SIMGrou p1	1000	6	RUPESH	ritesh	1	M		11

[Handwritten signature]

Rs
11/11/25

170483
8:35

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3569SIM

WorkList ID : 193041

Department : Extraction

Date : 11-11-2025 08:35:14

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3569-01	MW-2	Water	SVOC-SIMGroup1	Cool 4 deg C	REMI02	J22	11/05/2025	8270-Modified
Q3569-02	MW-12	Water	SVOC-SIMGroup1	Cool 4 deg C	REMI02	J22	11/05/2025	8270-Modified
Q3584-01	SW-1	Water	SVOC-SIMGroup1	Cool 4 deg C	REMI02	D41	11/06/2025	8270-Modified
Q3584-02	SW-2	Water	SVOC-SIMGroup1	Cool 4 deg C	REMI02	D41	11/07/2025	8270-Modified
Q3584-03	SW-3	Water	SVOC-SIMGroup1	Cool 4 deg C	REMI02	D41	11/07/2025	8270-Modified
Q3584-04	EB-2	Water	SVOC-SIMGroup1	Cool 4 deg C	REMI02	D41	11/06/2025	8270-Modified
Q3584-05	FB-2	Water	SVOC-SIMGroup1	Cool 4 deg C	REMI02	D41	11/07/2025	8270-Modified
Q3584-07	SEEP-1	Water	SVOC-SIMGroup1	Cool 4 deg C	REMI02	D41	11/07/2025	8270-Modified

Date/Time

11/11/25 8:35

Raw Sample Received by:

RS (Ext Lab)

Raw Sample Relinquished by:

OP SM

Date/Time

11/11/25 9:15

Raw Sample Received by:

OP SM

Raw Sample Relinquished by:

RS (Ext Lab)

LAB CHRONICLE

OrderID:	Q3584	OrderDate:	11/7/2025 3:17:00 PM
Client:	Remington & Vernick Engineers	Project:	Edison Landfill
Contact:	Kyle Carlson	Location:	D41,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3584-01	SW-1	Water	SVOC-SIMGroup1	8270-Modified	11/06/25	11/11/25	11/12/25	11/07/25
Q3584-02	SW-2	Water	SVOC-SIMGroup1	8270-Modified	11/07/25	11/11/25	11/12/25	11/07/25
Q3584-03	SW-3	Water	SVOC-SIMGroup1	8270-Modified	11/07/25	11/11/25	11/12/25	11/07/25
Q3584-04	EB-2	Water	SVOC-SIMGroup1	8270-Modified	11/06/25	11/11/25	11/12/25	11/07/25
Q3584-05	FB-2	Water	SVOC-SIMGroup1	8270-Modified	11/07/25	11/11/25	11/12/25	11/07/25
Q3584-07	SEEP-1	Water	SVOC-SIMGroup1	8270-Modified	11/07/25	11/11/25	11/13/25	11/07/25
Q3584-07DL	SEEP-1DL	Water	SVOC-SIMGroup1	8270-Modified	11/07/25	11/11/25	11/13/25	11/07/25