



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Hit Summary Sheet SW-846

SDG No.: Q3569
Client: Remington & Vernick Engineers

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID :	MW-2							
Q3569-01	MW-2	WATER	1,4-Dioxane	25.000	E	0.07	0.21	ug/L
			Total Svoc :			25.00		
			Total Concentration:			25.00		
Client ID :	MW-2DL							
Q3569-01DL	MW-2DL	WATER	1,4-Dioxane	28.400	D	0.69	2.1	ug/L
			Total Svoc :			28.40		
			Total Concentration:			28.40		
Client ID :	MW-12							
Q3569-02	MW-12	WATER	1,4-Dioxane	79.300	E	0.07	0.2	ug/L
			Total Svoc :			79.30		
			Total Concentration:			79.30		
Client ID :	MW-12DL							
Q3569-02DL	MW-12DL	WATER	1,4-Dioxane	96.400	D	2.7	8.2	ug/L
			Total Svoc :			96.40		
			Total Concentration:			96.40		



SAMPLE DATA

Report of Analysis

Client: Remington & Vernick Engineers	Date Collected: 11/05/25	
Project: Edison Landfill	Date Received: 11/06/25	
Client Sample ID: MW-2	SDG No.: Q3569	
Lab Sample ID: Q3569-01	Matrix: Water	
Analytical Method: SW8270ESIM Level: LOW	% Solid: 0	
Sample Wt/Vol: 950 mL Final Vol: 1000 uL	Test: SVOC-SIMGroup1	
Prep Method : 3510C Prep Date: 11/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
123-91-1	1,4-Dioxane	25.0	E	1	0.070	0.21	ug/L	11/12/25 13:09	PB170483
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.41			30 (47) - 150 (106)	102%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.33			30 (54) - 150 (157)	83%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.33			30 (56) - 130 (116)	83%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.30			30 (50) - 130 (126)	74%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.59	*		30 (54) - 130 (175)	146%	SPK: 0.4		
INTERNAL STANDARDS		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	8900							
1146-65-2	Naphthalene-d8	29500							
15067-26-2	Acenaphthene-d10	20900							
1517-22-2	Phenanthrene-d10	33500							
1719-03-5	Chrysene-d12	18200							
1520-96-3	Perylene-d12	16900							

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: Remington & Vernick Engineers	Date Collected: 11/05/25	
Project: Edison Landfill	Date Received: 11/06/25	
Client Sample ID: MW-2DL	SDG No.: Q3569	
Lab Sample ID: Q3569-01DL	Matrix: Water	
Analytical Method: SW8270ESIM Level: LOW	% Solid: 0	
Sample Wt/Vol: 950 mL Final Vol: 1000 uL	Test: SVOC-SIMGroup1	
Prep Method : 3510C Prep Date: 11/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
123-91-1	1,4-Dioxane	28.4	D	10	0.69	2.10	ug/L	11/12/25 16:47	PB170483
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.32			30 (47) - 150 (106)	80%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.35			30 (54) - 150 (157)	88%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.33			30 (56) - 130 (116)	83%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.40			30 (50) - 130 (126)	100%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.62	*		30 (54) - 130 (175)	155%	SPK: 0.4		
INTERNAL STANDARDS		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	7980							
1146-65-2	Naphthalene-d8	25300							
15067-26-2	Acenaphthene-d10	14700							
1517-22-2	Phenanthrene-d10	25400							
1719-03-5	Chrysene-d12	15100							
1520-96-3	Perylene-d12	14500							

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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: 11/05/25	
Project: Edison Landfill	Date Received: 11/06/25	
Client Sample ID: MW-12	SDG No.: Q3569	
Lab Sample ID: Q3569-02	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	79.3	E	1	0.070	0.20	ug/L	11/12/25 11:56	PB170483
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.35			30 (47) - 150 (106)	86%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.32			30 (54) - 150 (157)	79%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.42			30 (56) - 130 (116)	105%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.22			30 (50) - 130 (126)	54%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.57	*		30 (54) - 130 (175)	142%	SPK: 0.4		
INTERNAL STANDARDS		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	9900							
1146-65-2	Naphthalene-d8	33500							
15067-26-2	Acenaphthene-d10	32700							
1517-22-2	Phenanthrene-d10	32900							
1719-03-5	Chrysene-d12	18600							
1520-96-3	Perylene-d12	18600							

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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: 11/05/25	
Project: Edison Landfill	Date Received: 11/06/25	
Client Sample ID: MW-12DL	SDG No.: Q3569	
Lab Sample ID: Q3569-02DL	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	96.4	D	40	2.70	8.20	ug/L	11/12/25 16:11	PB170483
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.36			30 (47) - 150 (106)	90%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.36			30 (54) - 150 (157)	90%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.60	*		30 (56) - 130 (116)	150%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.52			30 (50) - 130 (126)	130%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.76	*		30 (54) - 130 (175)	190%	SPK: 0.4		
INTERNAL STANDARDS		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	7910							
1146-65-2	Naphthalene-d8	24600							
15067-26-2	Acenaphthene-d10	14700							
1517-22-2	Phenanthrene-d10	27000							
1719-03-5	Chrysene-d12	14500							
1520-96-3	Perylene-d12	13400							

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QC SUMMARY

Surrogate Summary

SW-846

SDG No.: Q3569

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)
Q3569-01	MW-2	2-Methylnaphthalene-d10	0.4	0.41	102		30 (47)	150 (106)
		Fluoranthene-d10	0.4	0.33	83		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.33	83		30 (56)	130 (116)
		2-Fluorobiphenyl	0.4	0.30	74		30 (50)	130 (126)
		Terphenyl-d14	0.4	0.59	146	*	30 (54)	130 (175)
Q3569-01DL	MW-2DL	2-Methylnaphthalene-d10	0.4	0.32	80		30 (47)	150 (106)
		Fluoranthene-d10	0.4	0.35	88		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.33	83		30 (56)	130 (116)
		2-Fluorobiphenyl	0.4	0.40	100		30 (50)	130 (126)
		Terphenyl-d14	0.4	0.62	155	*	30 (54)	130 (175)
Q3569-02	MW-12	2-Methylnaphthalene-d10	0.4	0.35	86		30 (47)	150 (106)
		Fluoranthene-d10	0.4	0.32	79		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.42	105		30 (56)	130 (116)
		2-Fluorobiphenyl	0.4	0.22	54		30 (50)	130 (126)
		Terphenyl-d14	0.4	0.57	142	*	30 (54)	130 (175)
Q3569-02DL	MW-12DL	2-Methylnaphthalene-d10	0.4	0.36	90		30 (47)	150 (106)
		Fluoranthene-d10	0.4	0.36	90		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.60	150	*	30 (56)	130 (116)
		2-Fluorobiphenyl	0.4	0.52	130		30 (50)	130 (126)
		Terphenyl-d14	0.4	0.76	190	*	30 (54)	130 (175)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3569

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.: Q3569

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.: Q3569

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
MW-12	Q3569-02	BN038187.D	11/12/2025
MW-2	Q3569-01	BN038189.D	11/12/2025

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.: Q3569
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.: Q3569
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
MW-12	Q3569-02	BN038187.D	11/12/2025	11:56
MW-2	Q3569-01	BN038189.D	11/12/2025	13:09
MW-12DL	Q3569-02DL	BN038194.D	11/12/2025	16:11
MW-2DL	Q3569-01DL	BN038195.D	11/12/2025	16:47

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3569

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 MW-2	8899	7.77	29516	10.57	20929	14.43
05 MW-12	9896	7.77	33487	10.57	32721	14.43
06 MW-2DL	7979	7.78	25314	10.57	14740	14.43
07 MW-12DL	7912	7.78	24631	10.57	14683	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.: Q3569

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 MW-2	33471	17.19	18239	21.38	16867	23.68
05 MW-12	32892	17.19	18590	21.38	18643	23.68
06 MW-2DL	25439	17.19	15077	21.38	14508	23.68
07 MW-12DL	26976	17.19	14468	21.38	13395	23.68

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.



QC SAMPLE DATA

Report of Analysis

Client: Remington & Vernick Engineers	Date Collected:	
Project: Edison Landfill	Date Received:	
Client Sample ID: PB170483BL	SDG No.:	Q3569
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.:	Q3569
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

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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.:	Q3569
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) SURR	Fluoranthene-d10	1.040	0.969	0.957	0.981	1.050	1.055	1.009	1.009	4.01
28)	Fluoranthene	1.448	1.349	1.345	1.394	1.492	1.491	1.414	1.419	4.30
29) I	Chrysene-d12	-----ISTD-----								
30)	Pyrene	1.834	1.853	1.842	1.664	1.835	1.766	1.846	1.806	3.82
31) S	Terphenyl-d14	0.878	0.881	0.872	0.807	0.892	0.862	0.891	0.869	3.37
32)	Benzo(a)anthra...	1.491	1.379	1.358	1.363	1.469	1.474	1.456	1.427	4.06
33)	Chrysene	1.623	1.586	1.543	1.523	1.558	1.518	1.490	1.549	2.91
34)	Bis(2-ethylhex...	0.910	0.722	0.700	0.721	0.754	0.703	0.752	10.60	
35) I	Perylene-d12	-----ISTD-----								

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

Method File : 8270-SIM-BN102825.M

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

(#) = Out of Range

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>REMI02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3569</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.



SAMPLE RAW DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111225\
 Data File : BN038189.D
 Acq On : 12 Nov 2025 13:09
 Operator : RC/JU
 Sample : Q3569-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-2

A
B
C
D
E
F
G
H
I
J
K

Quant Time: Nov 12 13:33:19 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)

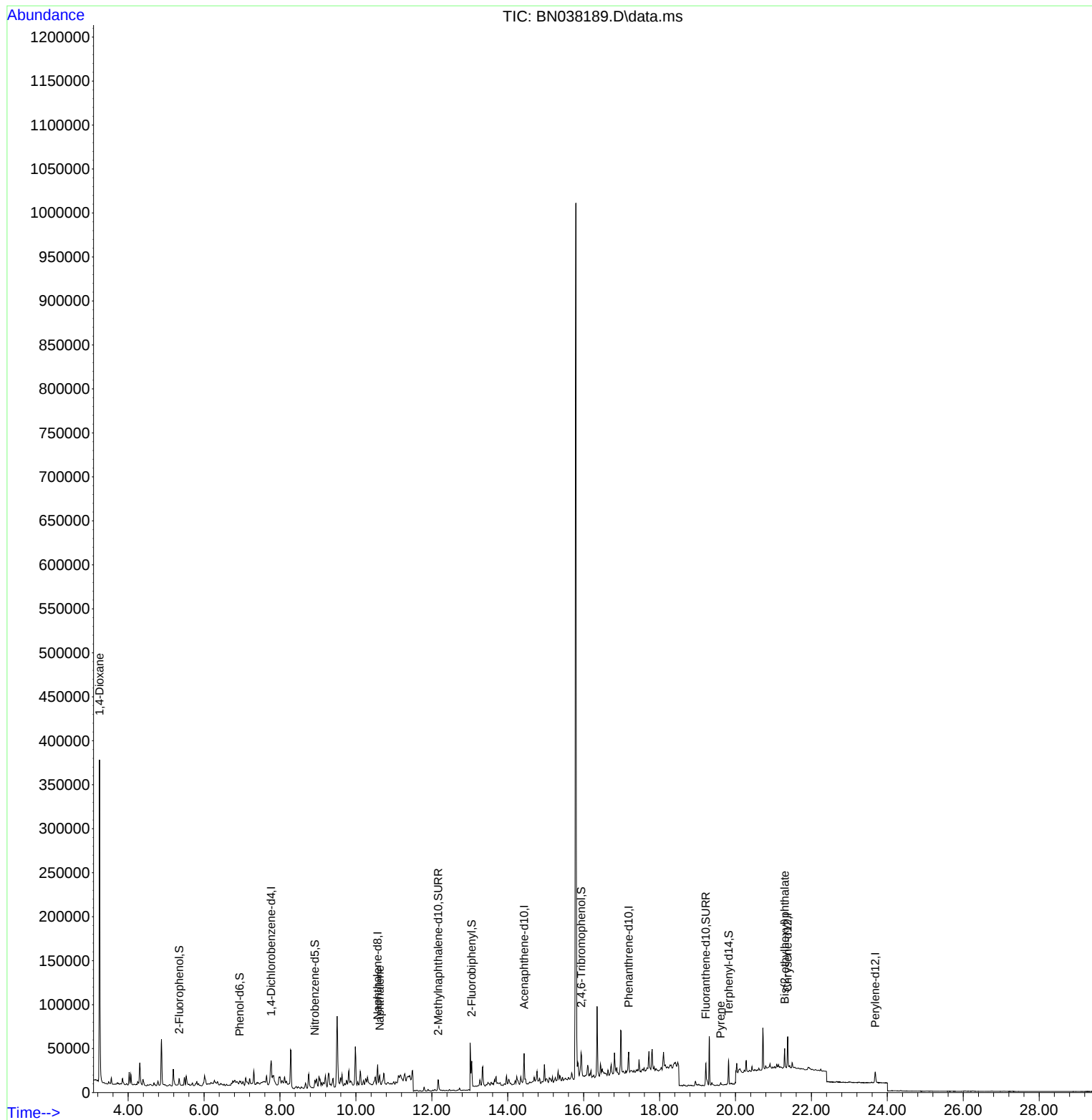
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.768	152	8899	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	29516	0.400	ng	# 0.00
13) Acenaphthene-d10	14.430	164	20929	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	33471	0.400	ng	# 0.00
29) Chrysene-d12	21.375	240	18239	0.400	ng	# 0.00
35) Perylene-d12	23.683	264	16867	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	4410	0.210	ng	0.00
5) Phenol-d6	6.937	99	3293	0.129	ng	0.00
8) Nitrobenzene-d5	8.918	82	7960	0.334	ng	-0.01
11) 2-Methylnaphthalene-d10	12.167	152	17137	0.407	ng	-0.01
14) 2,4,6-Tribromophenol	15.932	330	3777	0.438	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	24835	0.296	ng	0.00
27) Fluoranthene-d10	19.220	212	27834	0.330	ng	0.00
31) Terphenyl-d14	19.819	244	23192	0.585	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.247	88	218035	23.713	ng	99
9) Naphthalene	10.626	128	13729	0.169	ng	95
30) Pyrene	19.610	202	2301	0.028	ng	# 63
34) Bis(2-ethylhexyl)phtha...	21.295	149	19975	0.583	ng	98

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

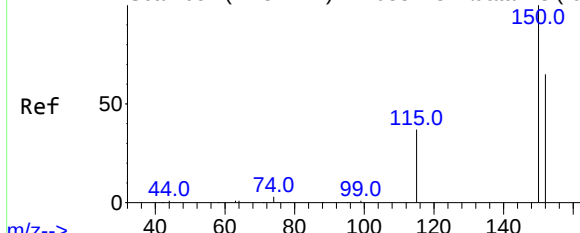
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111225\
Data File : BN038189.D
Acq On : 12 Nov 2025 13:09
Operator : RC/JU
Sample : Q3569-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-2

Quant Time: Nov 12 13:33:19 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: BN038189.D

Acq: 12 Nov 2025 13:09

Instrument :

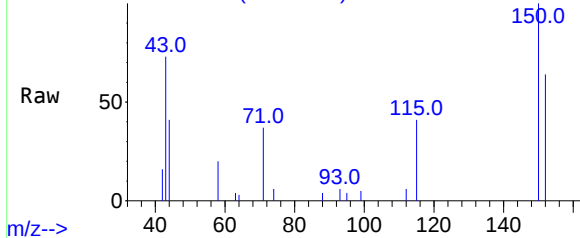
BNA_N

ClientSampleId :

MW-2

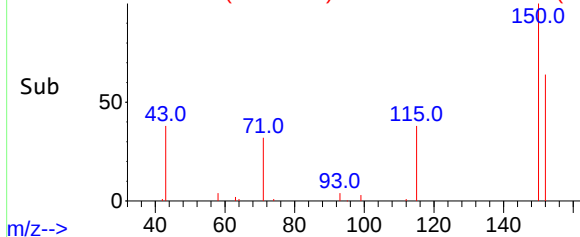
m/z-->

Abundance Scan 649 (7.768 min): BN038189.D\data.ms



m/z-->

Abundance Scan 649 (7.768 min): BN038189.D\data.ms (-62



m/z-->

Tgt Ion:152 Resp: 8899

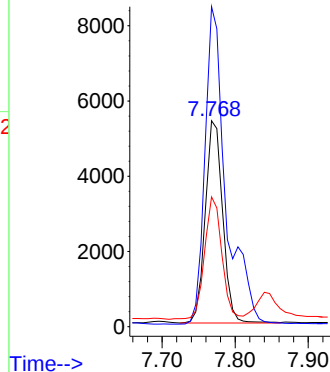
Ion Ratio Lower Upper

152 100

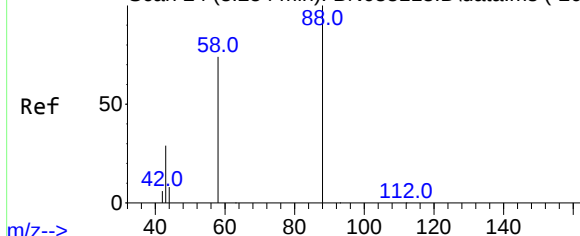
150 155.4 122.3 183.5

115 63.0 47.4 71.0

Abundance

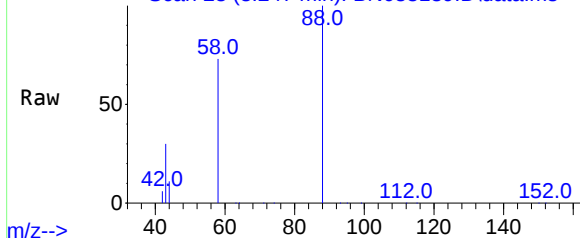


Abundance Scan 24 (3.254 min): BN038113.D\data.ms (-20)



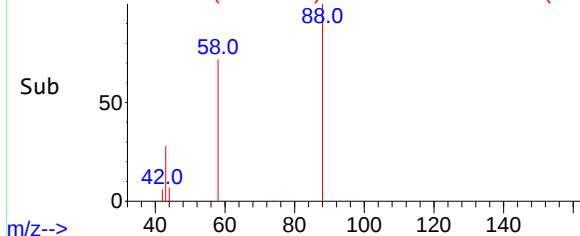
m/z-->

Abundance Scan 23 (3.247 min): BN038189.D\data.ms



m/z-->

Abundance Scan 23 (3.247 min): BN038189.D\data.ms (-10)



m/z-->

#2

1,4-Dioxane

Concen: 23.713 ng

RT: 3.247 min Scan# 23

Delta R.T. -0.007 min

Lab File: BN038189.D

Acq: 12 Nov 2025 13:09

Tgt Ion: 88 Resp: 218035

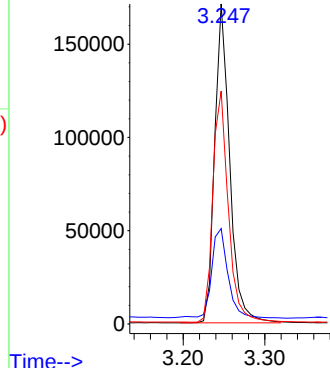
Ion Ratio Lower Upper

88 100

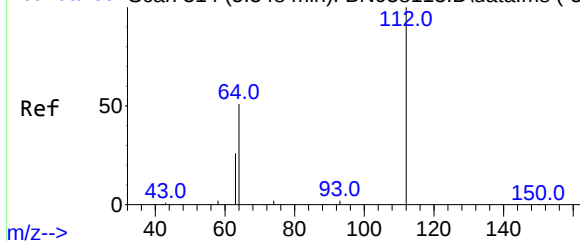
43 30.5 24.3 36.5

58 74.8 60.4 90.6

Abundance



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



#4

2-Fluorophenol

Concen: 0.210 ng

RT: 5.348 min Scan# 314

Delta R.T. -0.000 min

Lab File: BN038189.D

Acq: 12 Nov 2025 13:09

Instrument :

BNA_N

ClientSampleId :

MW-2

Tgt Ion:112 Resp: 4410

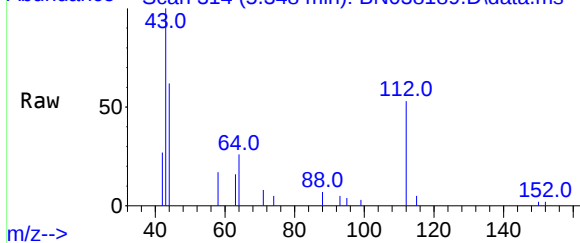
Ion Ratio Lower Upper

112 100

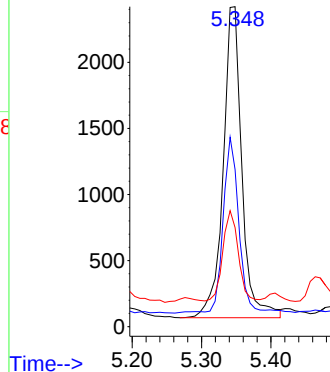
64 47.8 45.4 68.0

63 24.8 23.2 34.8

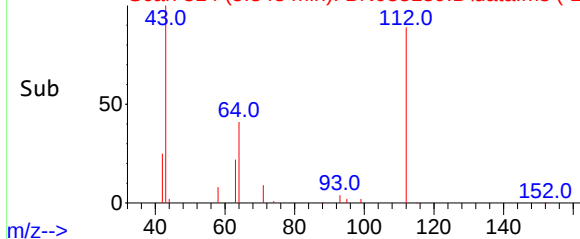
Abundance Scan 314 (5.348 min): BN038189.D\data.ms



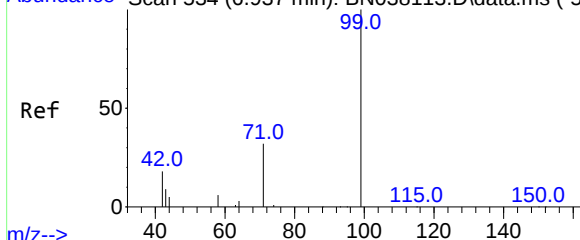
Abundance



Abundance Scan 314 (5.348 min): BN038189.D\data.ms (-28



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



#5

Phenol-d6

Concen: 0.129 ng

RT: 6.937 min Scan# 534

Delta R.T. -0.000 min

Lab File: BN038189.D

Acq: 12 Nov 2025 13:09

Tgt Ion: 99 Resp: 3293

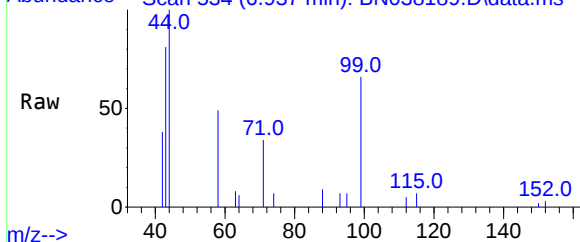
Ion Ratio Lower Upper

99 100

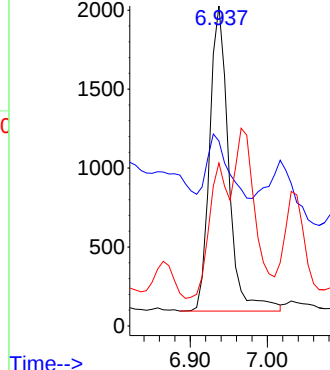
42 25.8 16.6 24.8#

71 45.8 25.4 38.2#

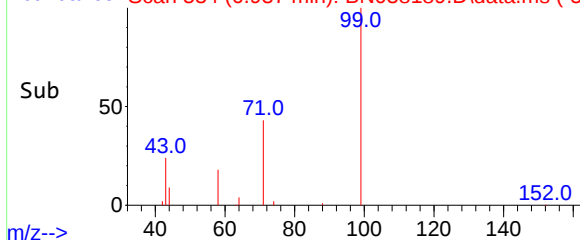
Abundance Scan 534 (6.937 min): BN038189.D\data.ms

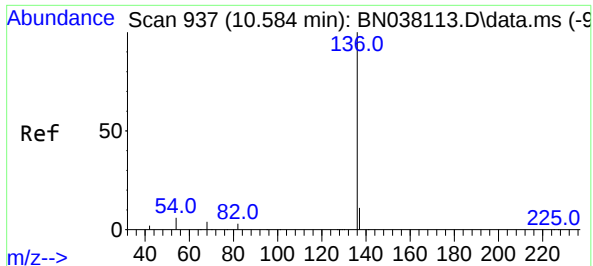


Abundance



Abundance Scan 534 (6.937 min): BN038189.D\data.ms (-50



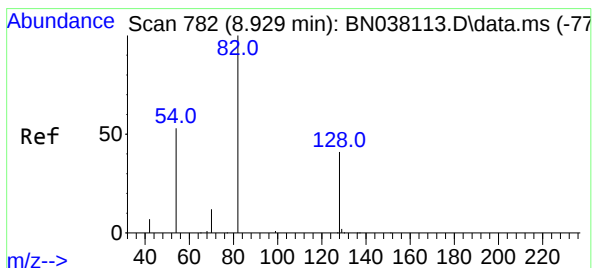
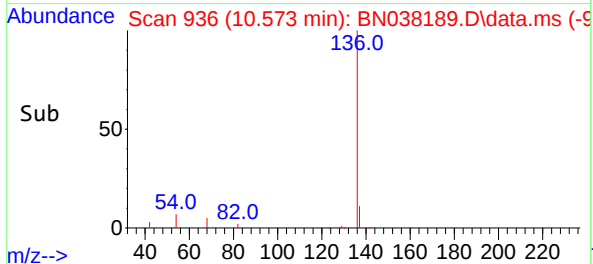
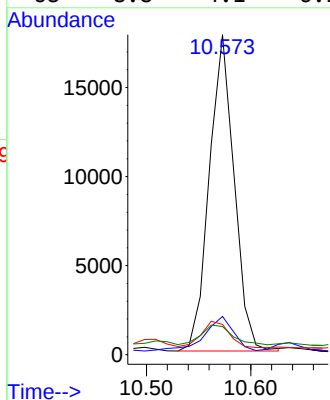
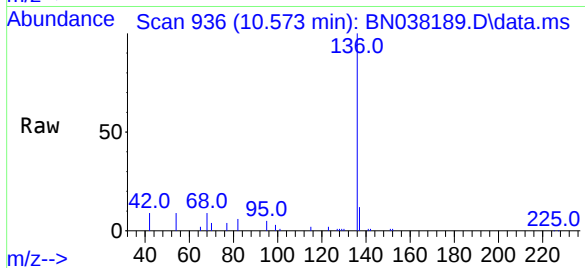


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN038189.D
Acq: 12 Nov 2025 13:09

Instrument :
BNA_N
ClientSampleId :
MW-2

Tgt Ion:136 Resp: 29516

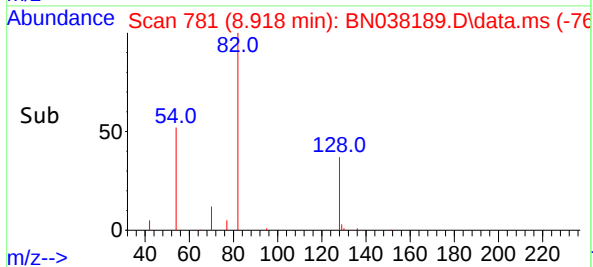
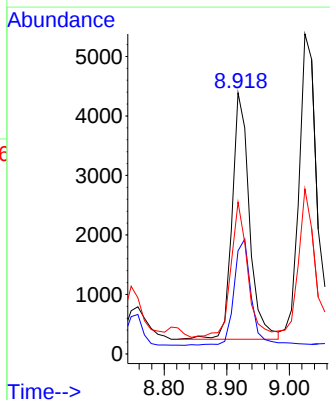
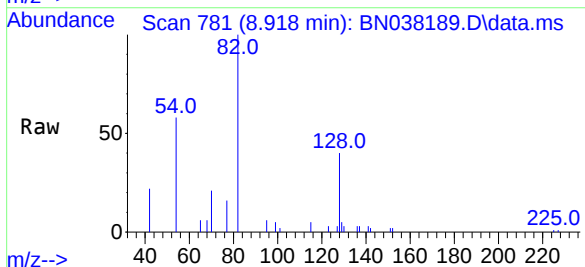
Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.0	13.4
54	9.5	5.2	7.8#
68	8.8	4.1	6.1#

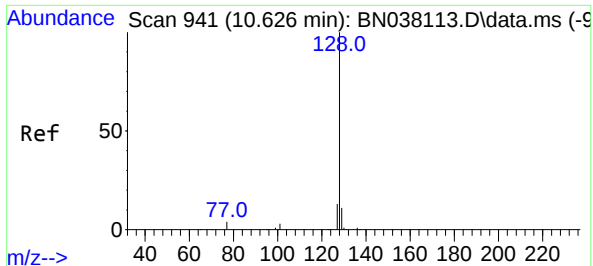


#8
Nitrobenzene-d5
Concen: 0.334 ng
RT: 8.918 min Scan# 781
Delta R.T. -0.011 min
Lab File: BN038189.D
Acq: 12 Nov 2025 13:09

Tgt Ion: 82 Resp: 7960

Ion	Ratio	Lower	Upper
82	100		
128	39.5	34.1	51.1
54	58.2	43.5	65.3

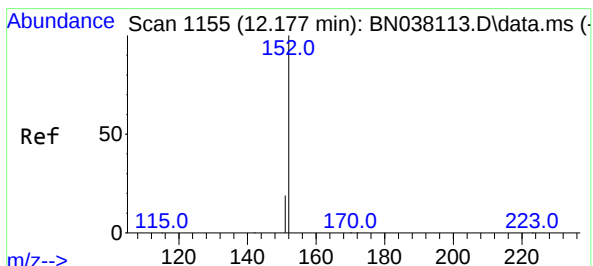
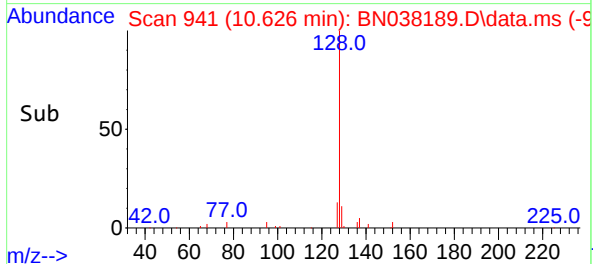
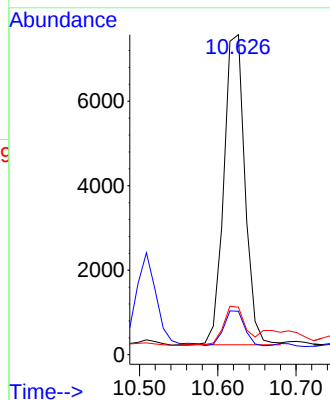
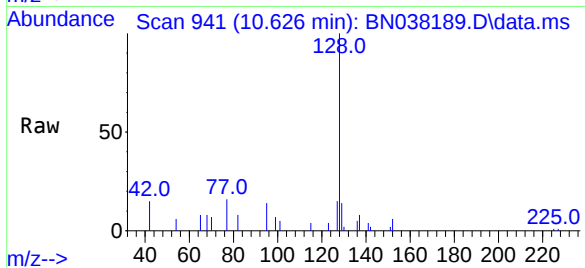




#9
Naphthalene
Concen: 0.169 ng
RT: 10.626 min Scan# 941
Delta R.T. -0.000 min
Lab File: BN038189.D
Acq: 12 Nov 2025 13:09

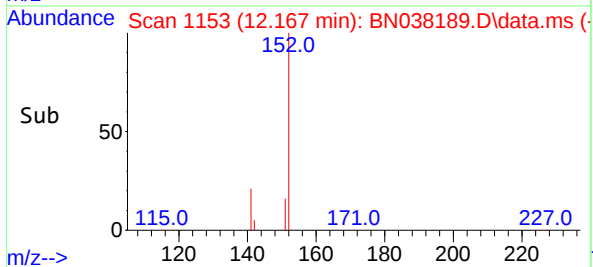
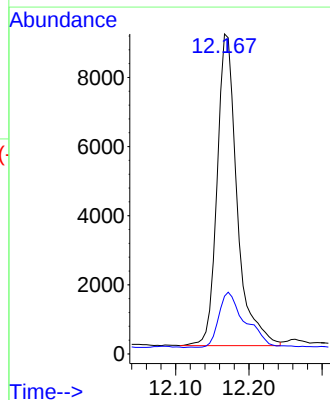
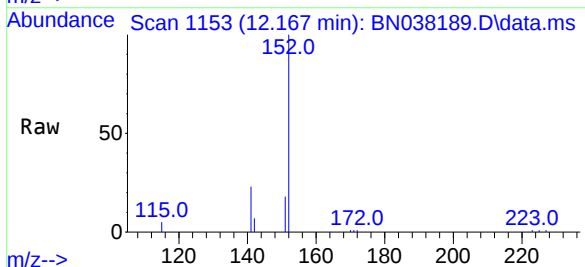
Instrument :
BNA_N
ClientSampleId :
MW-2

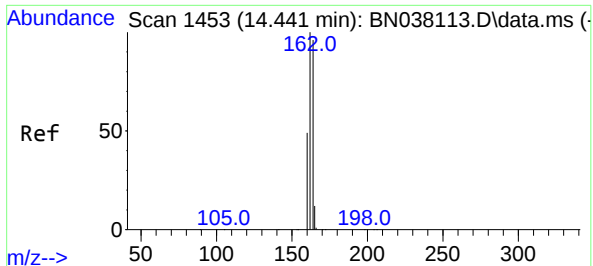
Tgt Ion:128 Resp: 13729
Ion Ratio Lower Upper
128 100
129 13.5 9.1 13.7
127 14.9 10.5 15.7



#11
2-Methylnaphthalene-d10
Concen: 0.407 ng
RT: 12.167 min Scan# 1153
Delta R.T. -0.010 min
Lab File: BN038189.D
Acq: 12 Nov 2025 13:09

Tgt Ion:152 Resp: 17137
Ion Ratio Lower Upper
152 100
151 23.5 16.8 25.2

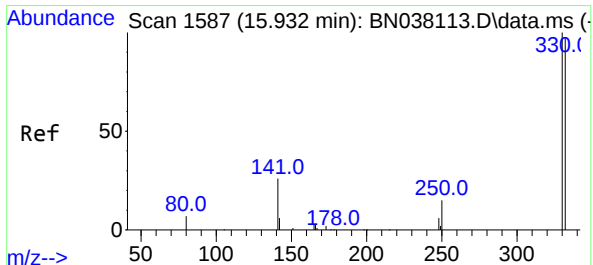
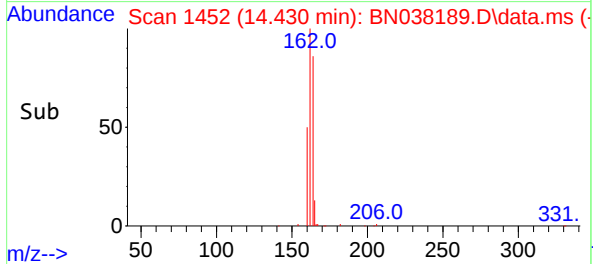
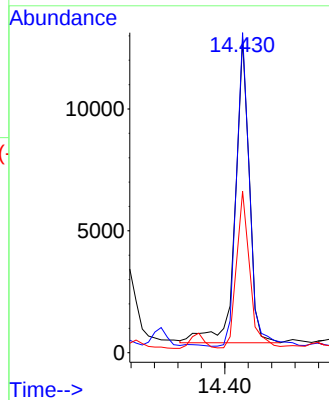
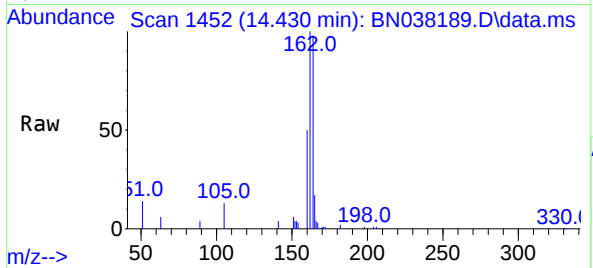




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 1453
Delta R.T. -0.000 min
Lab File: BN038189.D
Acq: 12 Nov 2025 13:09

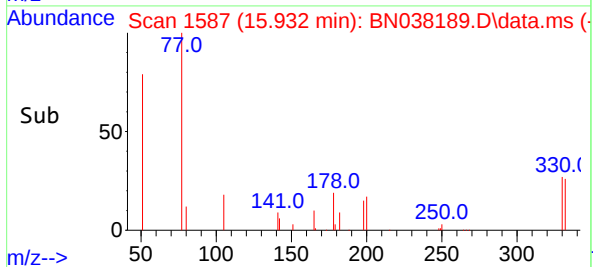
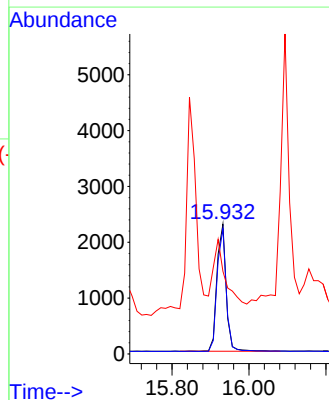
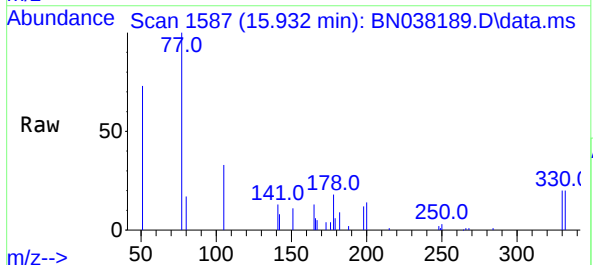
Instrument :
BNA_N
ClientSampleId :
MW-2

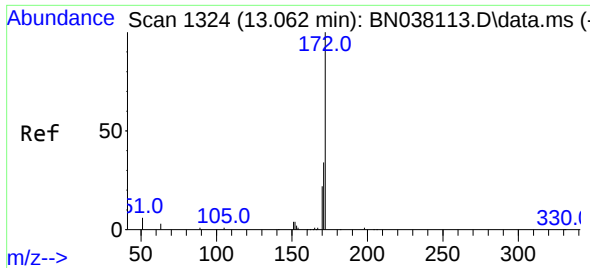
Tgt Ion:164 Resp: 20929
Ion Ratio Lower Upper
164 100
162 102.1 83.0 124.4
160 51.5 40.7 61.1



#14
2,4,6-Tribromophenol
Concen: 0.438 ng
RT: 15.932 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BN038189.D
Acq: 12 Nov 2025 13:09

Tgt Ion:330 Resp: 3777
Ion Ratio Lower Upper
330 100
332 95.7 76.6 114.8
141 64.8 34.1 51.1#

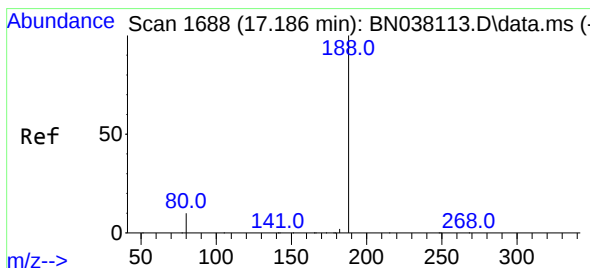
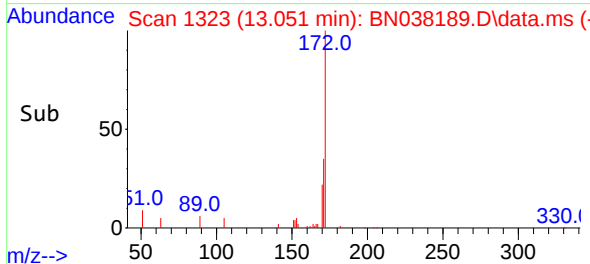
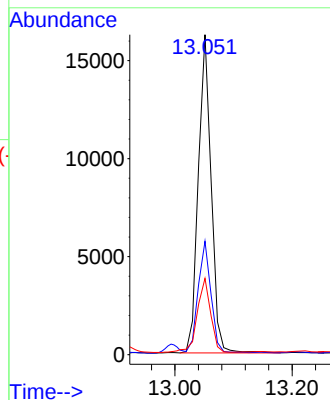
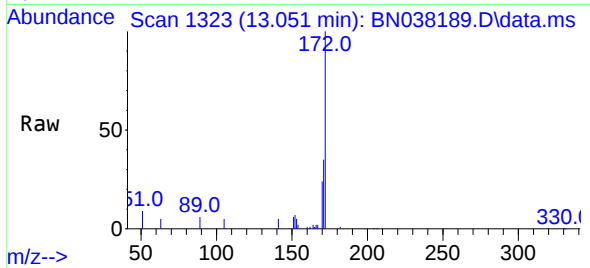




#15
2-Fluorobiphenyl
Concen: 0.296 ng
RT: 13.051 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BN038189.D
Acq: 12 Nov 2025 13:09

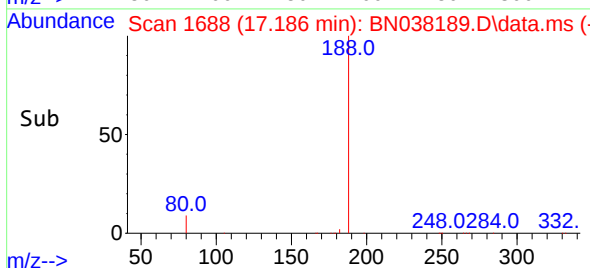
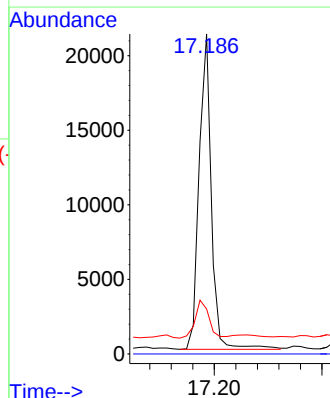
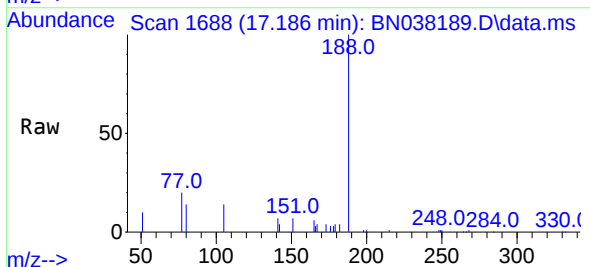
Instrument :
BNA_N
ClientSampleId :
MW-2

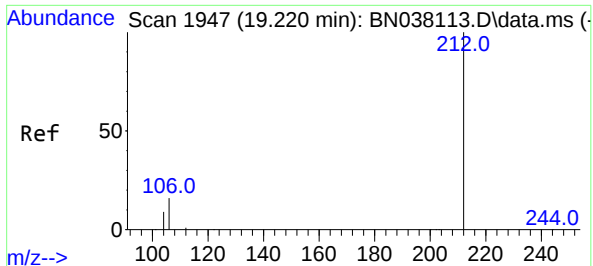
Tgt Ion:172 Resp: 24835
Ion Ratio Lower Upper
172 100
171 35.5 27.8 41.6
170 23.8 18.1 27.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1688
Delta R.T. -0.000 min
Lab File: BN038189.D
Acq: 12 Nov 2025 13:09

Tgt Ion:188 Resp: 33471
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.1 8.6 13.0#

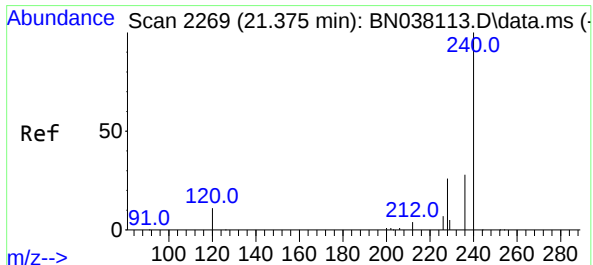
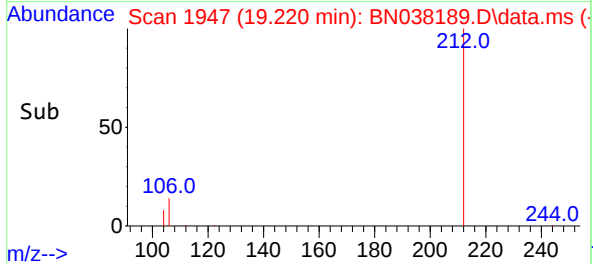
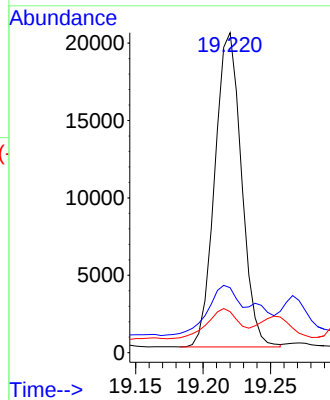
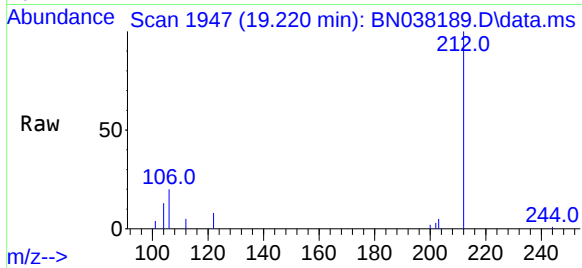




#27
Fluoranthene-d10
Concen: 0.330 ng
RT: 19.220 min Scan# 1947
Delta R.T. -0.000 min
Lab File: BN038189.D
Acq: 12 Nov 2025 13:09

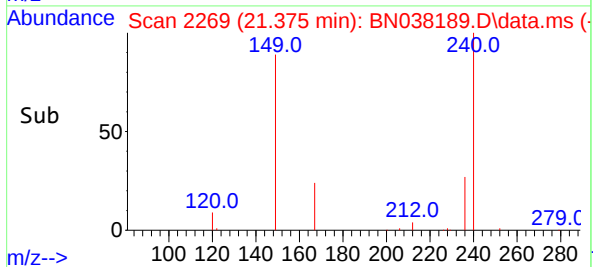
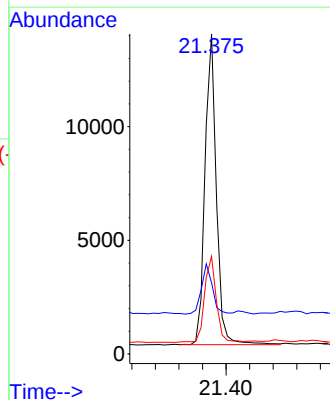
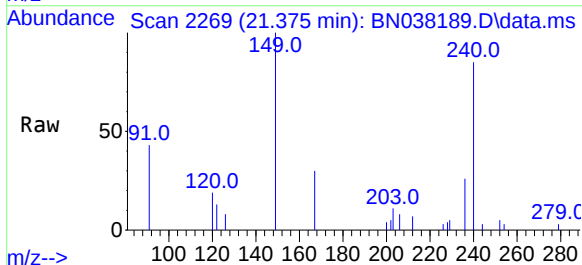
Instrument :
BNA_N
ClientSampleId :
MW-2

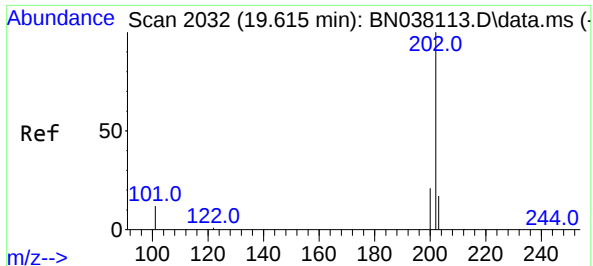
Tgt Ion:212 Resp: 27834
Ion Ratio Lower Upper
212 100
106 20.4 12.6 19.0#
104 11.4 7.1 10.7#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.375 min Scan# 2269
Delta R.T. -0.000 min
Lab File: BN038189.D
Acq: 12 Nov 2025 13:09

Tgt Ion:240 Resp: 18239
Ion Ratio Lower Upper
240 100
120 22.2 10.7 16.1#
236 30.5 23.1 34.7

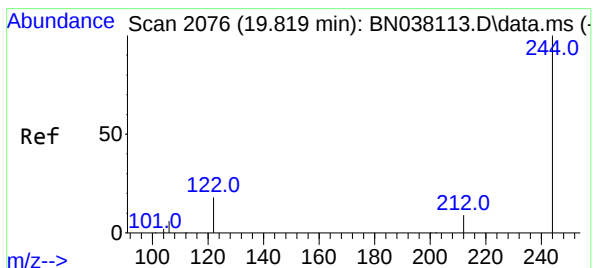
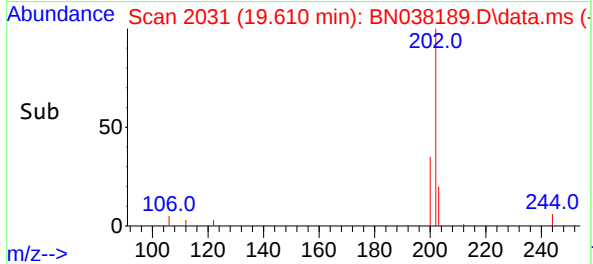
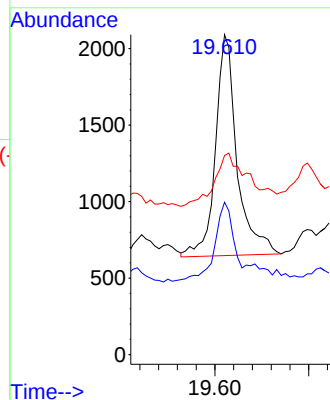
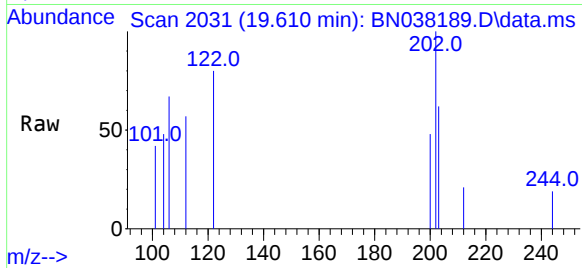




#30
Pyrene
Concen: 0.028 ng
RT: 19.610 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BN038189.D
Acq: 12 Nov 2025 13:09

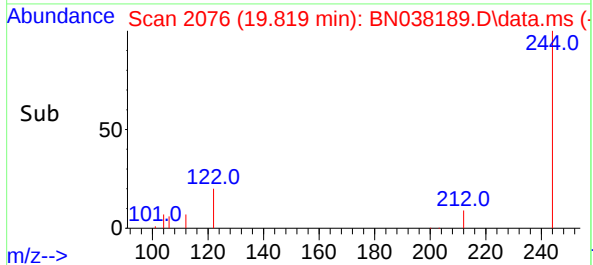
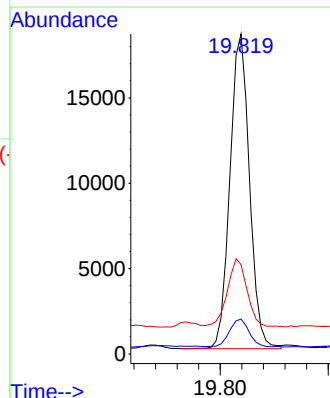
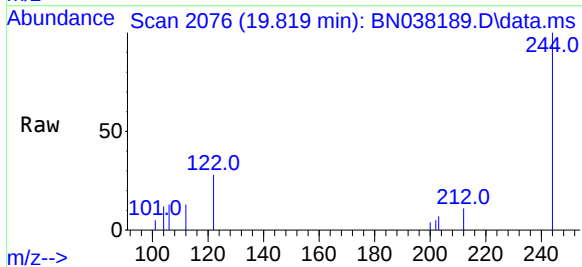
Instrument :
BNA_N
ClientSampleId :
MW-2

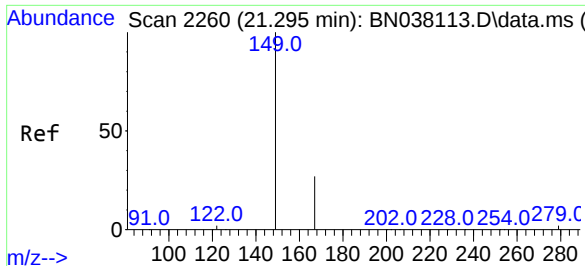
Tgt Ion:202 Resp: 2301
Ion Ratio Lower Upper
202 100
200 32.8 16.7 25.1#
203 39.9 14.2 21.2#



#31
Terphenyl-d14
Concen: 0.585 ng
RT: 19.819 min Scan# 2076
Delta R.T. -0.000 min
Lab File: BN038189.D
Acq: 12 Nov 2025 13:09

Tgt Ion:244 Resp: 23192
Ion Ratio Lower Upper
244 100
212 10.9 7.8 11.6
122 27.9 15.2 22.8#

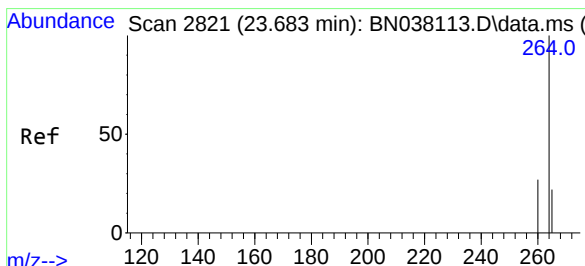
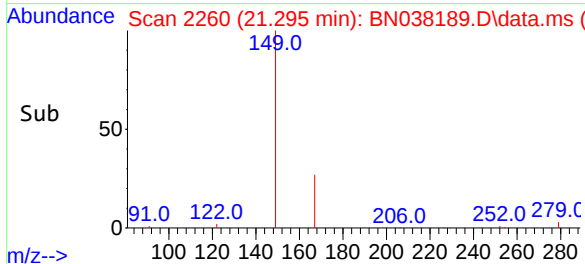
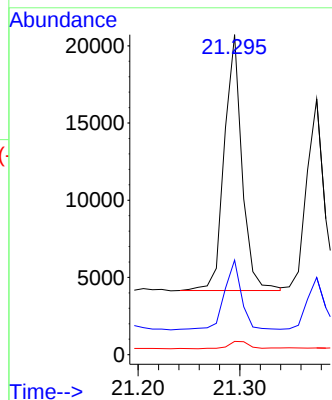
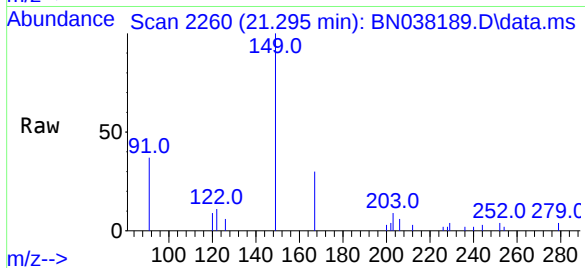




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.583 ng
RT: 21.295 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN038189.D
Acq: 12 Nov 2025 13:09

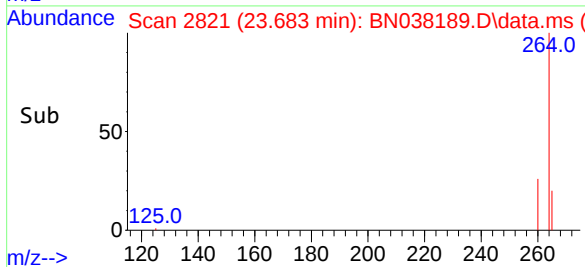
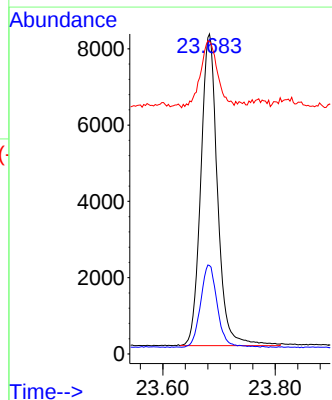
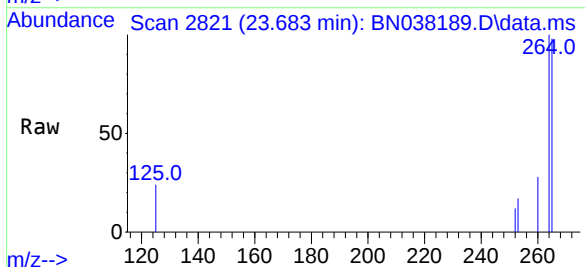
Instrument :
BNA_N
ClientSampleId :
MW-2

Tgt Ion:149 Resp: 19975
Ion Ratio Lower Upper
149 100
167 25.2 21.1 31.7
279 3.4 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: BN038189.D
Acq: 12 Nov 2025 13:09

Tgt Ion:264 Resp: 16867
Ion Ratio Lower Upper
264 100
260 27.6 21.8 32.8
265 97.7 68.6 102.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111225\
 Data File : BN038195.D
 Acq On : 12 Nov 2025 16:47
 Operator : RC/JU
 Sample : Q3569-01DL 10X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-2DL

A
B
C
D
E
F
G
H
I
J
K

Quant Time: Nov 12 17:11:28 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)

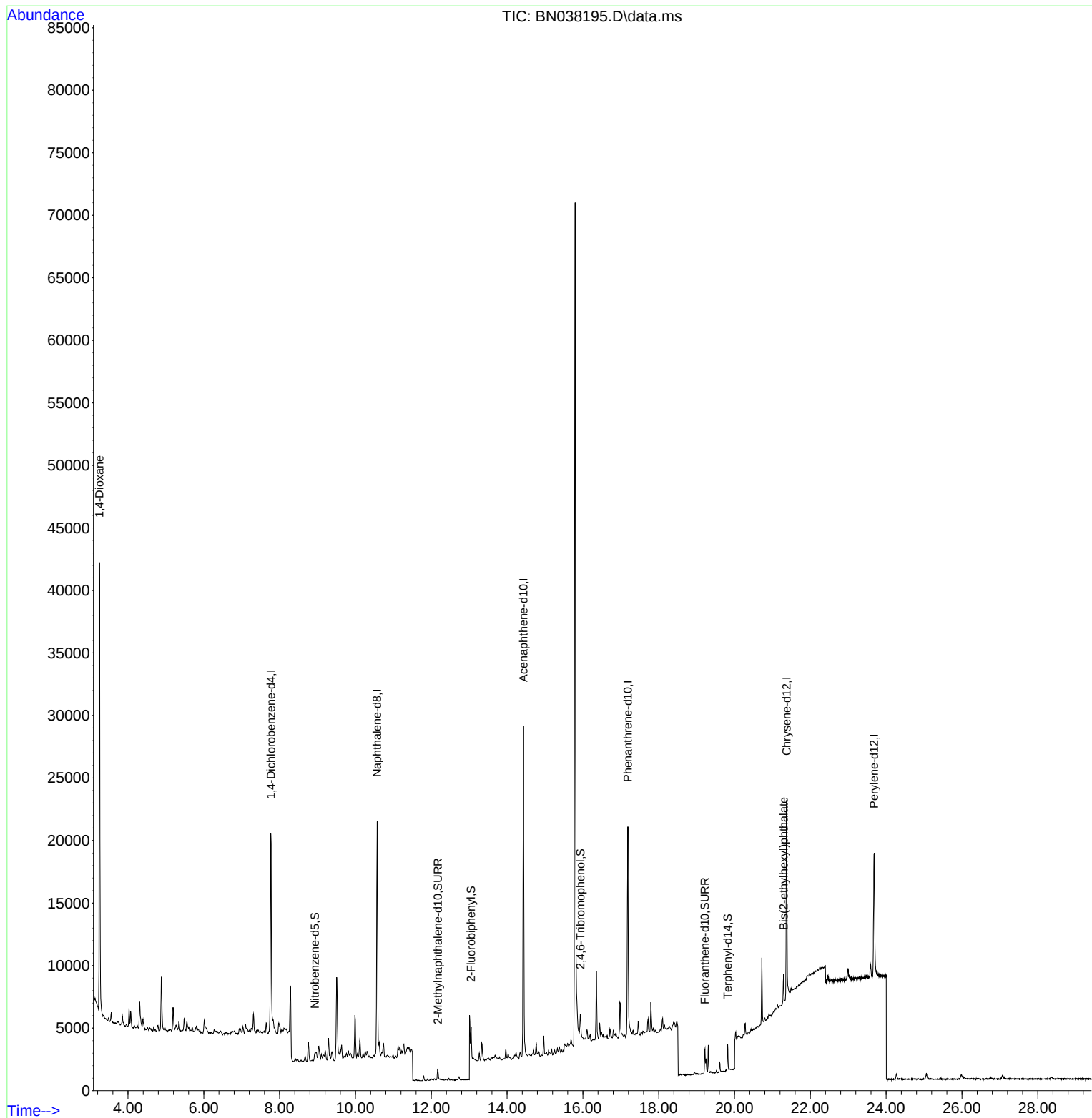
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	7979	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	25314	0.400	ng	# 0.00
13) Acenaphthene-d10	14.430	164	14740	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	25439	0.400	ng	0.00
29) Chrysene-d12	21.375	240	15077	0.400	ng	0.00
35) Perylene-d12	23.683	264	14508	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.341	112	367	0.020	ng	0.00
5) Phenol-d6	6.937	99	348	0.015	ng	0.00
8) Nitrobenzene-d5	8.929	82	684	0.033	ng	0.00
11) 2-Methylnaphthalene-d10	12.172	152	1157	0.032	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	275	0.045	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	2345	0.040	ng	0.00
27) Fluoranthene-d10	19.220	212	2230	0.035	ng	0.00
31) Terphenyl-d14	19.819	244	2015	0.062	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.247	88	22258	2.700	ng	100
34) Bis(2-ethylhexyl)phtha...	21.295	149	2468	0.087	ng	99

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

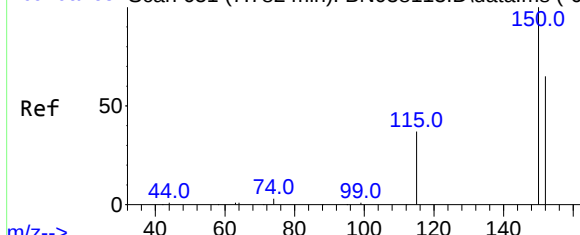
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111225\
Data File : BN038195.D
Acq On : 12 Nov 2025 16:47
Operator : RC/JU
Sample : Q3569-01DL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-2DL

Quant Time: Nov 12 17:11:28 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: BN038195.D

Acq: 12 Nov 2025 16:47

Instrument :

BNA_N

ClientSampleId :

MW-2DL

Tgt Ion:152 Resp: 7979

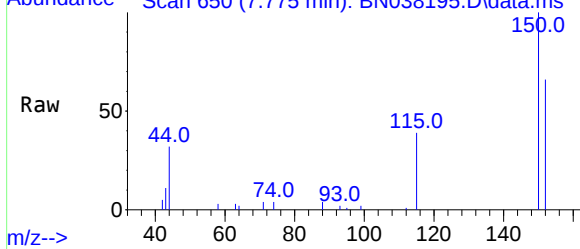
Ion Ratio Lower Upper

152 100

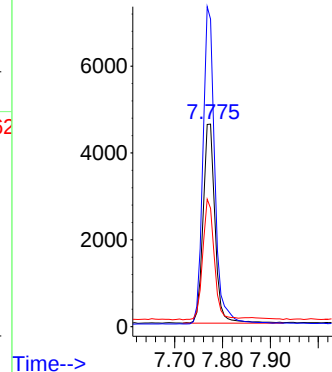
150 151.9 122.3 183.5

115 58.5 47.4 71.0

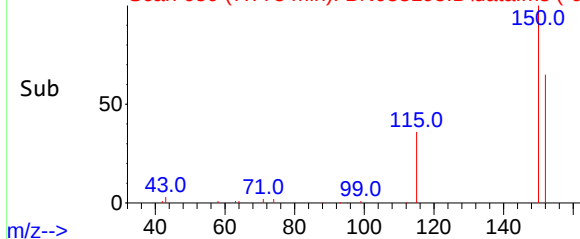
Abundance Scan 650 (7.775 min): BN038195.D\data.ms



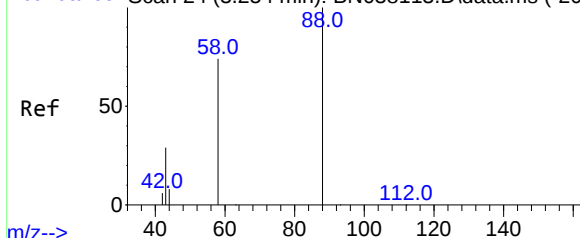
Abundance



Abundance Scan 650 (7.775 min): BN038195.D\data.ms (-62)



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



#2

1,4-Dioxane

Concen: 2.700 ng

RT: 3.247 min Scan# 23

Delta R.T. -0.007 min

Lab File: BN038195.D

Acq: 12 Nov 2025 16:47

Tgt Ion: 88 Resp: 22258

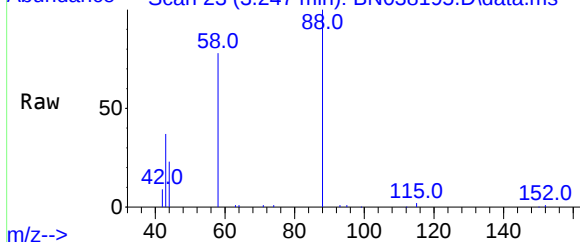
Ion Ratio Lower Upper

88 100

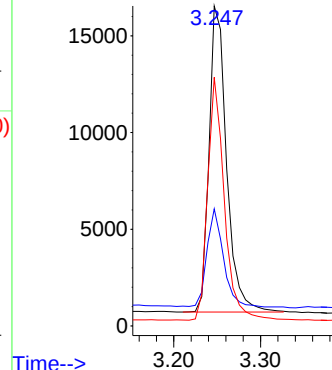
43 30.1 24.3 36.5

58 75.2 60.4 90.6

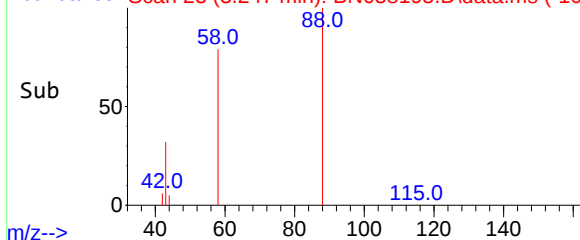
Abundance Scan 23 (3.247 min): BN038195.D\data.ms



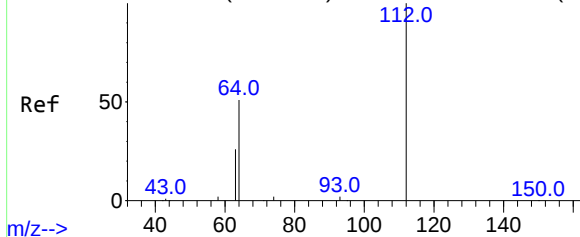
Abundance



Abundance Scan 23 (3.247 min): BN038195.D\data.ms (-10)



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



#4

2-Fluorophenol

Concen: 0.020 ng

RT: 5.341 min Scan# 314

Delta R.T. -0.007 min

Lab File: BN038195.D

Acq: 12 Nov 2025 16:47

Instrument :

BNA_N

ClientSampleId :

MW-2DL

Tgt Ion:112 Resp: 367

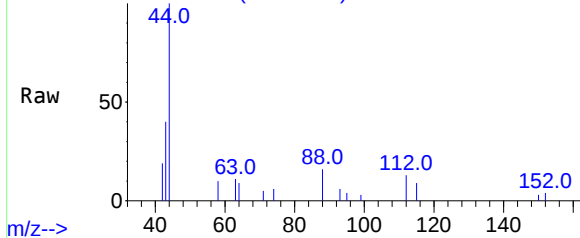
Ion Ratio Lower Upper

112 100

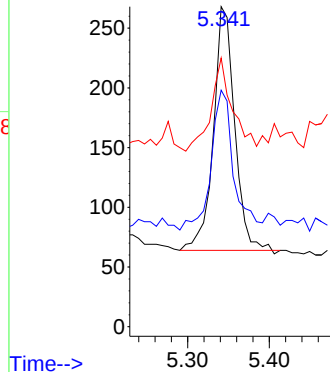
64 60.5 45.4 68.0

63 39.0 23.2 34.8#

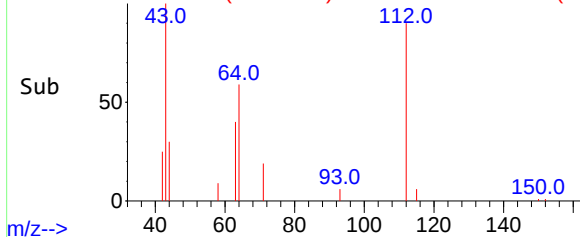
Abundance Scan 313 (5.341 min): BN038195.D\data.ms



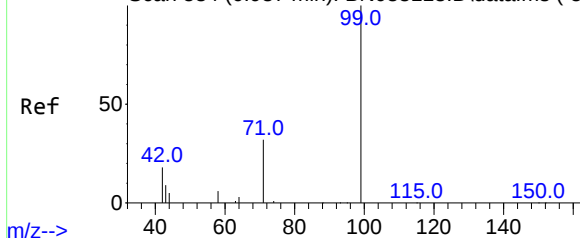
Abundance



Abundance Scan 313 (5.341 min): BN038195.D\data.ms (-28



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



#5

Phenol-d6

Concen: 0.015 ng

RT: 6.937 min Scan# 534

Delta R.T. -0.000 min

Lab File: BN038195.D

Acq: 12 Nov 2025 16:47

Tgt Ion: 99 Resp: 348

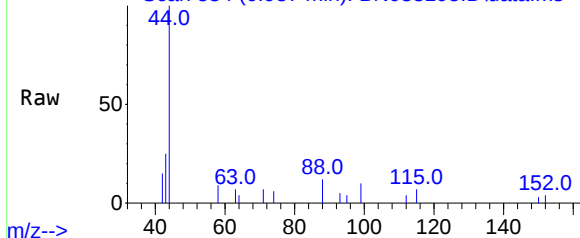
Ion Ratio Lower Upper

99 100

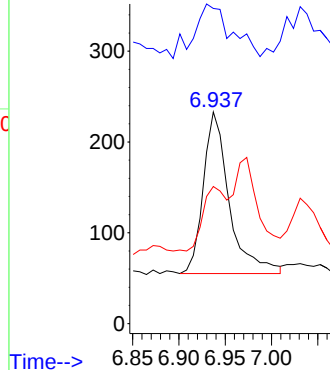
42 45.7 16.6 24.8#

71 37.1 25.4 38.2

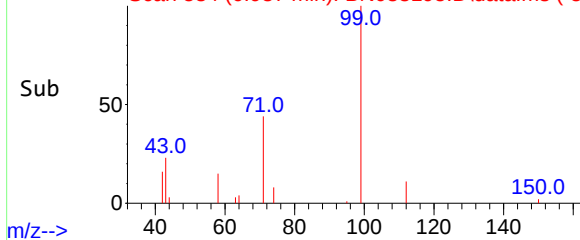
Abundance Scan 534 (6.937 min): BN038195.D\data.ms

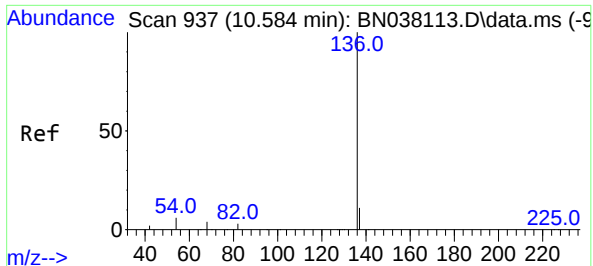


Abundance



Abundance Scan 534 (6.937 min): BN038195.D\data.ms (-50



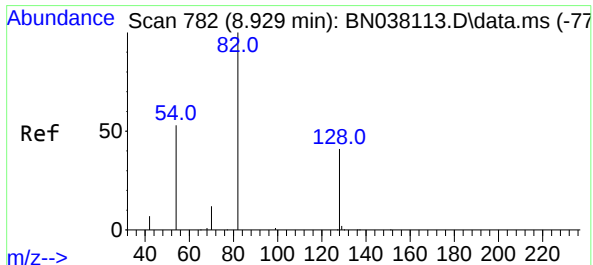
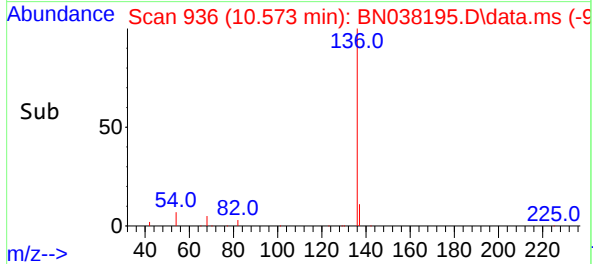
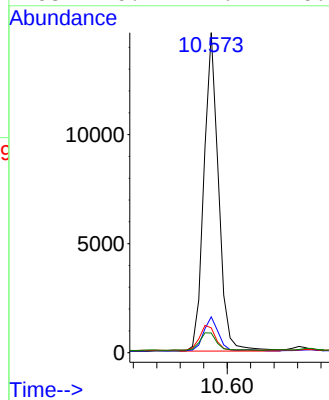
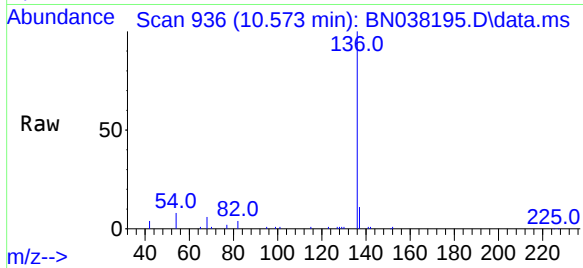


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN038195.D
Acq: 12 Nov 2025 16:47

Instrument :
BNA_N
ClientSampleId :
MW-2DL

Tgt Ion:136 Resp: 25314

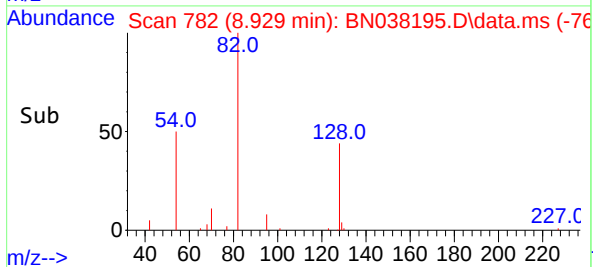
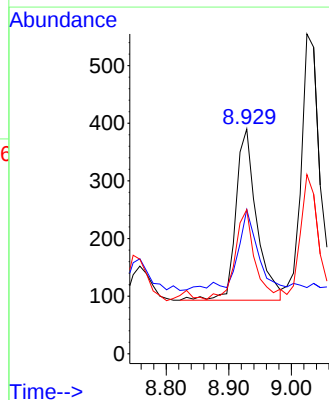
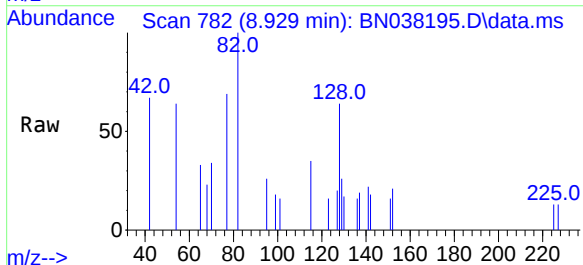
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	7.8	5.2	7.8
68	6.2	4.1	6.1

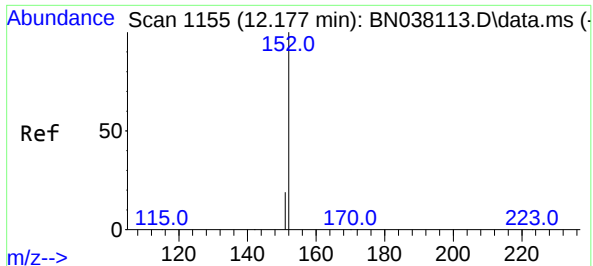


#8
Nitrobenzene-d5
Concen: 0.033 ng
RT: 8.929 min Scan# 782
Delta R.T. -0.000 min
Lab File: BN038195.D
Acq: 12 Nov 2025 16:47

Tgt Ion: 82 Resp: 684

Ion	Ratio	Lower	Upper
82	100		
128	64.1	34.1	51.1
54	64.1	43.5	65.3

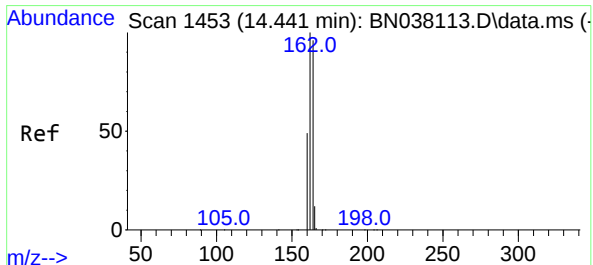
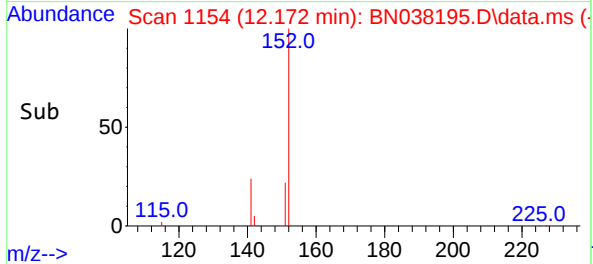
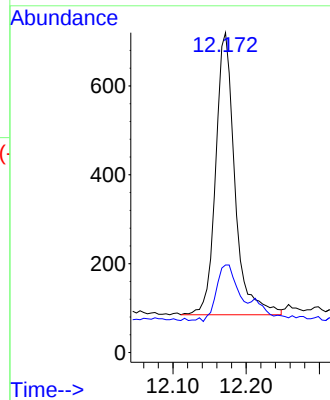
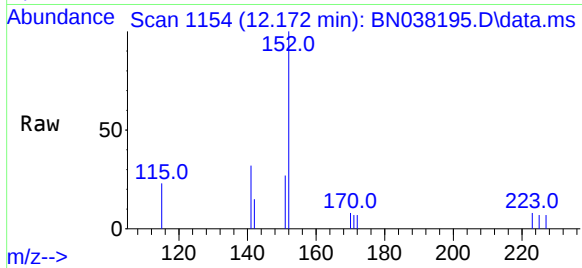




#11
2-Methylnaphthalene-d10
Concen: 0.032 ng
RT: 12.172 min Scan# 1154
Delta R.T. -0.005 min
Lab File: BN038195.D
Acq: 12 Nov 2025 16:47

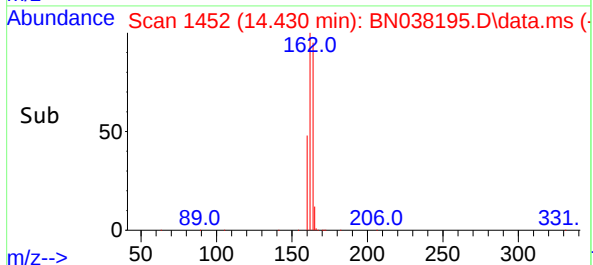
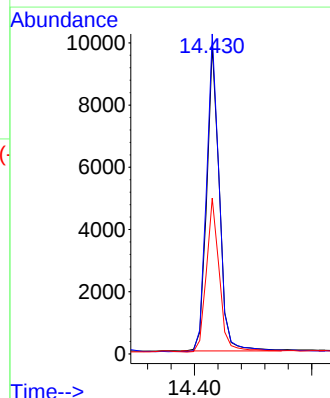
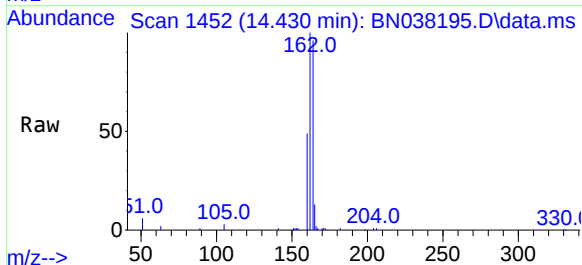
Instrument :
BNA_N
ClientSampleId :
MW-2DL

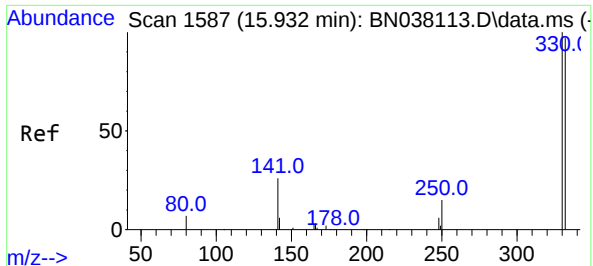
Tgt Ion:152 Resp: 1157
Ion Ratio Lower Upper
152 100
151 21.9 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BN038195.D
Acq: 12 Nov 2025 16:47

Tgt Ion:164 Resp: 14740
Ion Ratio Lower Upper
164 100
162 103.8 83.0 124.4
160 50.6 40.7 61.1

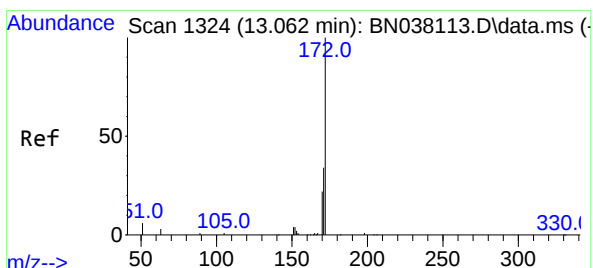
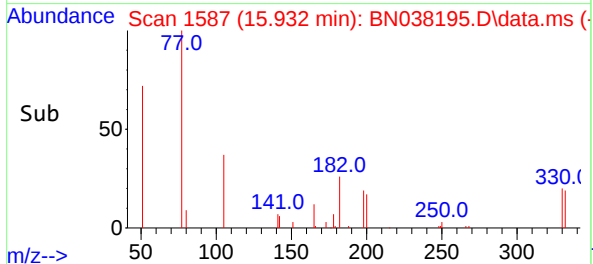
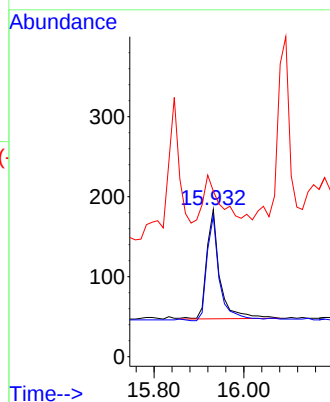
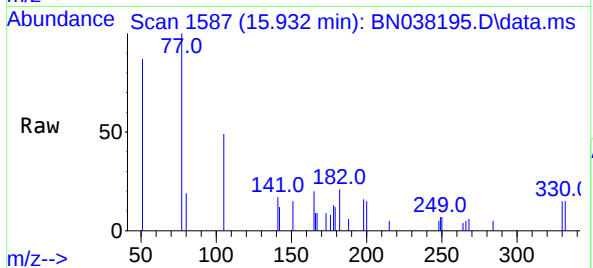




#14
2,4,6-Tribromophenol
Concen: 0.045 ng
RT: 15.932 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BN038195.D
Acq: 12 Nov 2025 16:47

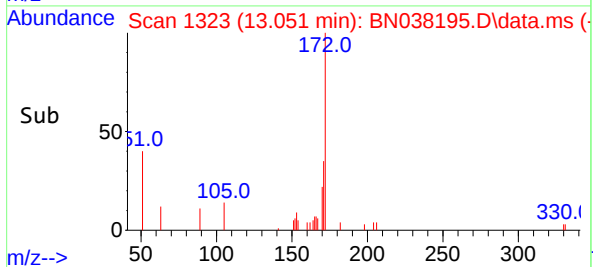
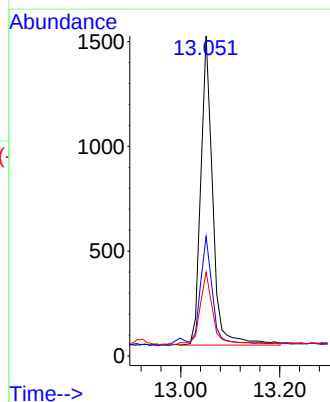
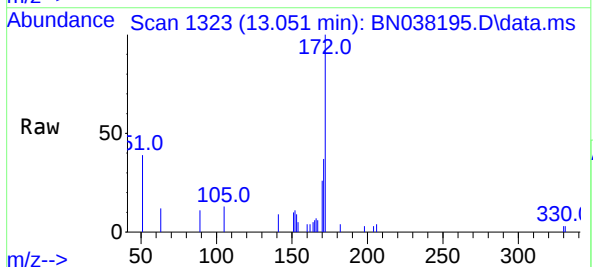
Instrument :
BNA_N
ClientSampleId :
MW-2DL

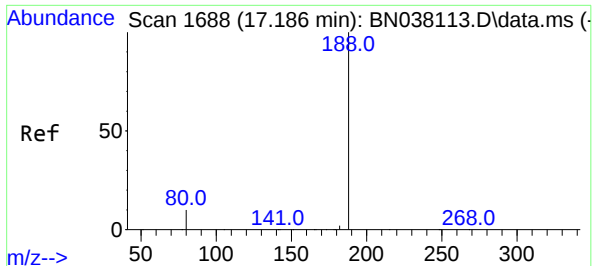
Tgt Ion:330 Resp: 275
Ion Ratio Lower Upper
330 100
332 92.7 76.6 114.8
141 63.6 34.1 51.1#



#15
2-Fluorobiphenyl
Concen: 0.040 ng
RT: 13.051 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BN038195.D
Acq: 12 Nov 2025 16:47

Tgt Ion:172 Resp: 2345
Ion Ratio Lower Upper
172 100
171 37.3 27.8 41.6
170 26.3 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: BN038195.D

Acq: 12 Nov 2025 16:47

Instrument :

BNA_N

ClientSampleId :

MW-2DL

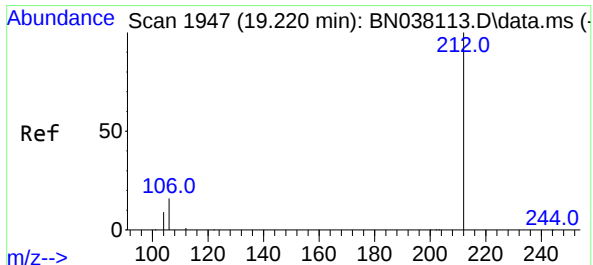
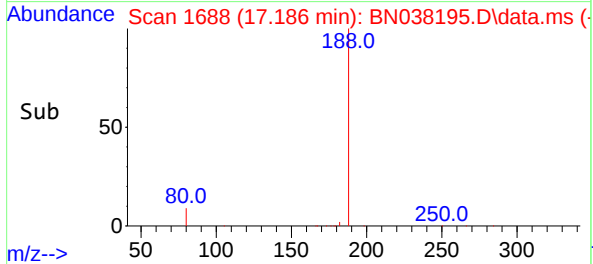
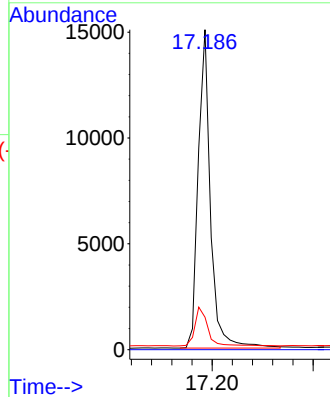
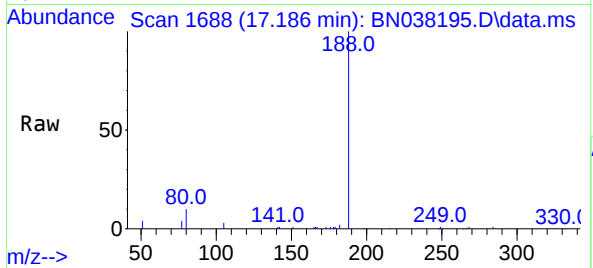
Tgt Ion:188 Resp: 25439

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.2 8.6 13.0



#27

Fluoranthene-d10

Concen: 0.035 ng

RT: 19.220 min Scan# 1947

Delta R.T. -0.000 min

Lab File: BN038195.D

Acq: 12 Nov 2025 16:47

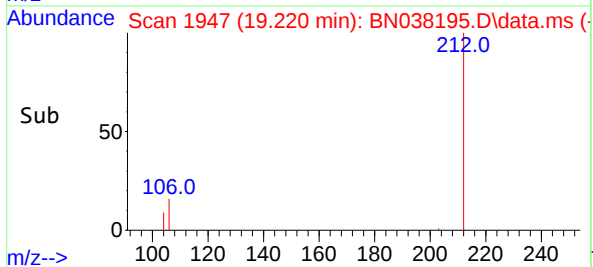
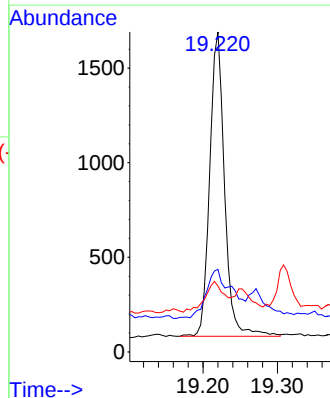
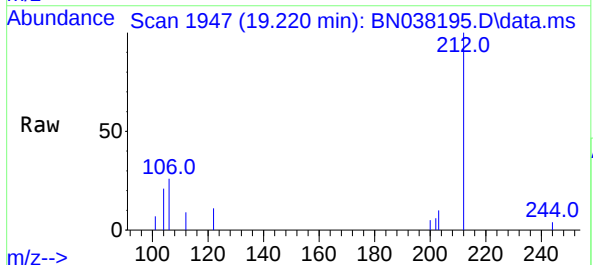
Tgt Ion:212 Resp: 2230

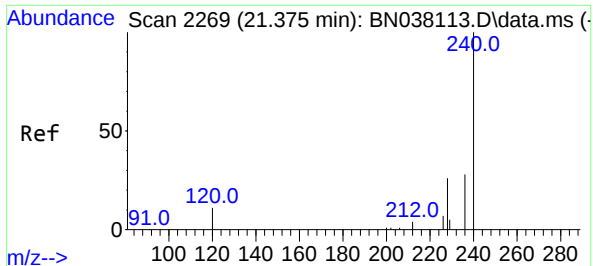
Ion Ratio Lower Upper

212 100

106 28.2 12.6 19.0#

104 12.6 7.1 10.7#

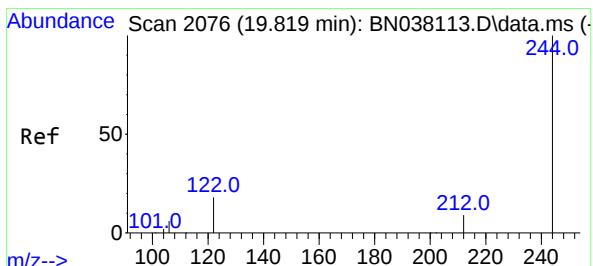
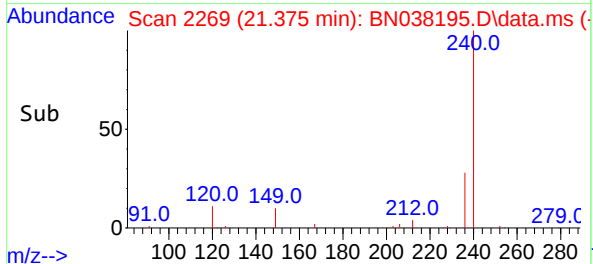
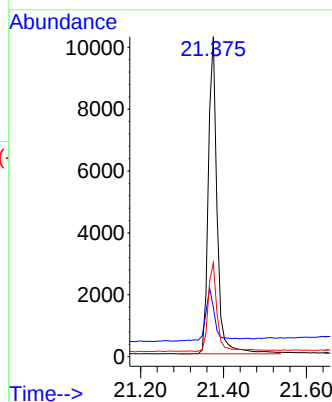
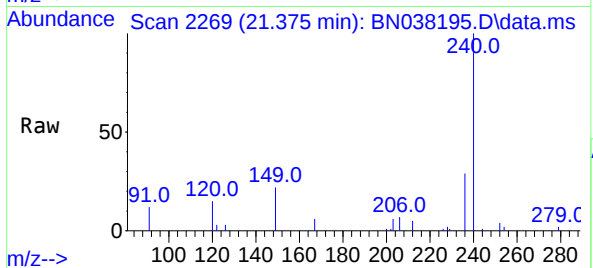




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.375 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN038195.D
Acq: 12 Nov 2025 16:47

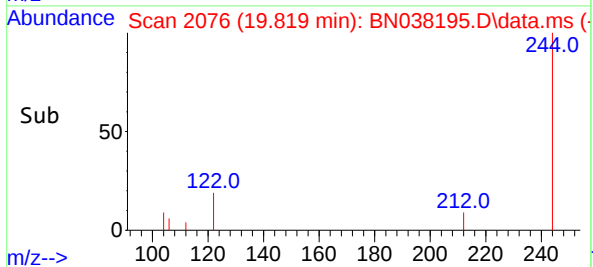
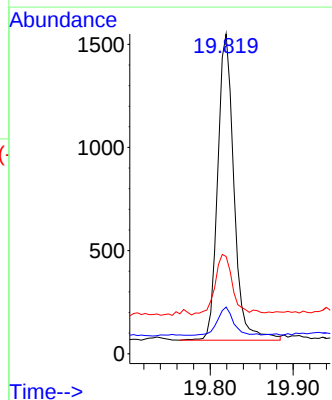
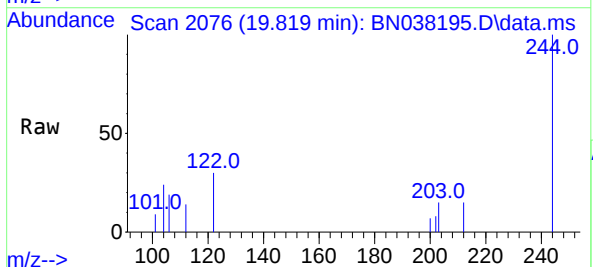
Instrument :
BNA_N
ClientSampleId :
MW-2DL

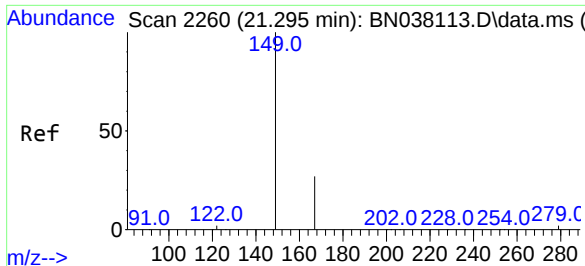
Tgt Ion:240 Resp: 15077
Ion Ratio Lower Upper
240 100
120 15.5 10.7 16.1
236 29.4 23.1 34.7



#31
Terphenyl-d14
Concen: 0.062 ng
RT: 19.819 min Scan# 2076
Delta R.T. -0.000 min
Lab File: BN038195.D
Acq: 12 Nov 2025 16:47

Tgt Ion:244 Resp: 2015
Ion Ratio Lower Upper
244 100
212 14.6 7.8 11.6#
122 30.5 15.2 22.8#

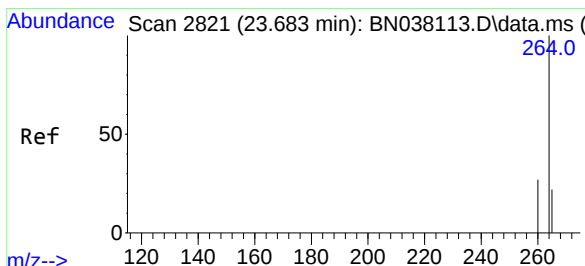
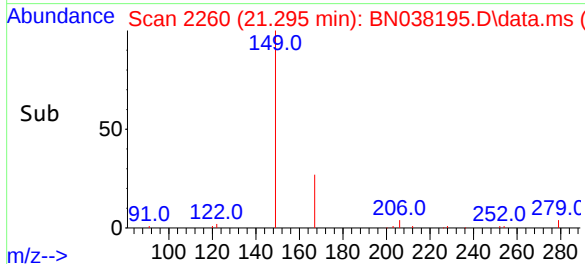
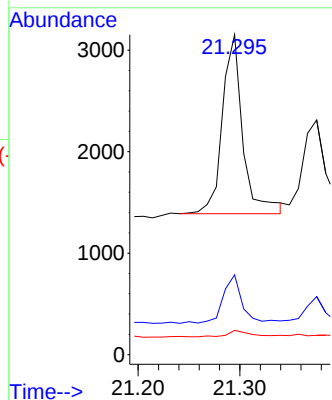
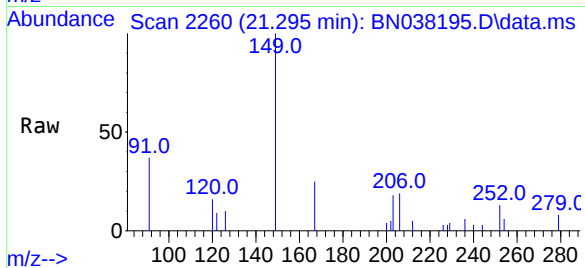




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.087 ng
RT: 21.295 min Scan# 2126
Delta R.T. -0.000 min
Lab File: BN038195.D
Acq: 12 Nov 2025 16:47

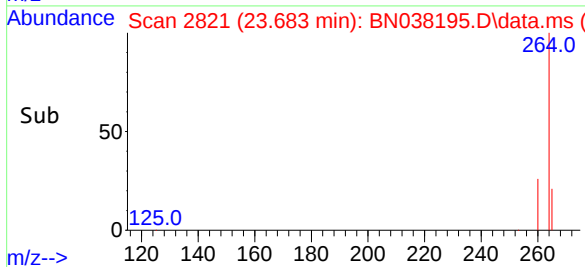
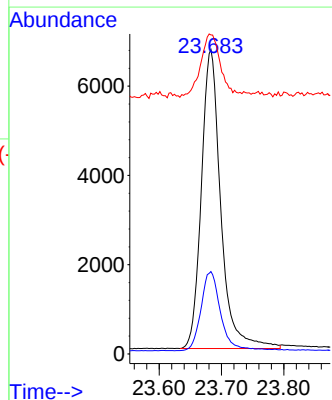
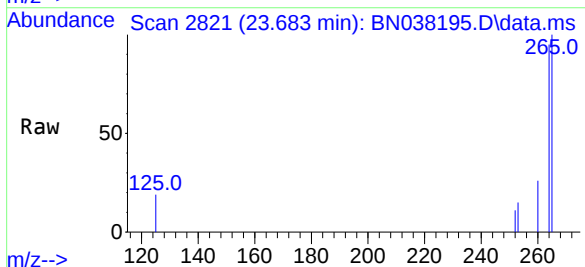
Instrument :
BNA_N
ClientSampleId :
MW-2DL

Tgt Ion:149 Resp: 2468
Ion Ratio Lower Upper
149 100
167 25.8 21.1 31.7
279 3.7 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: BN038195.D
Acq: 12 Nov 2025 16:47

Tgt Ion:264 Resp: 14508
Ion Ratio Lower Upper
264 100
260 27.1 21.8 32.8
265 104.8 68.6 102.8#



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111225\
 Data File : BN038187.D
 Acq On : 12 Nov 2025 11:56
 Operator : RC/JU
 Sample : Q3569-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-12

A
B
C
D
E
F
G
H
I
J
K

Quant Time: Nov 12 12:20:08 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)

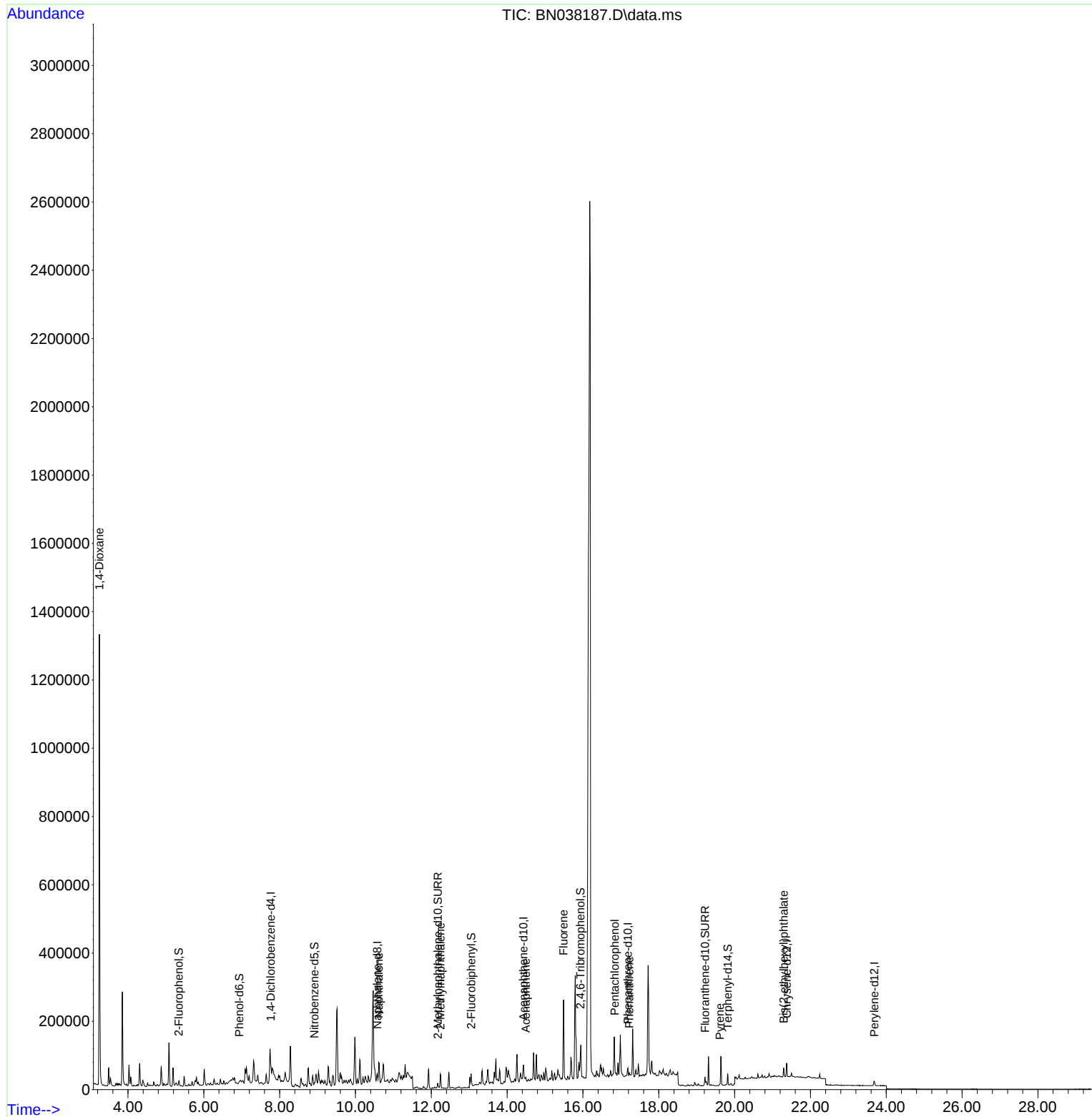
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.768	152	9896	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	33487	0.400	ng	# 0.00
13) Acenaphthene-d10	14.430	164	32721	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	32892	0.400	ng	# 0.00
29) Chrysene-d12	21.375	240	18590	0.400	ng	# 0.00
35) Perylene-d12	23.683	264	18643	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.341	112	5010	0.215	ng	0.00
5) Phenol-d6	6.937	99	3888	0.137	ng	0.00
8) Nitrobenzene-d5	8.918	82	11346	0.420	ng	-0.01
11) 2-Methylnaphthalene-d10	12.172	152	16494	0.345	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	4032	0.299	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	28444	0.217	ng	0.00
27) Fluoranthene-d10	19.220	212	26290	0.317	ng	0.00
31) Terphenyl-d14	19.819	244	22910	0.567	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.247	88	794647	77.716	ng	98
9) Naphthalene	10.616	128	82244	0.892	ng	98
12) 2-Methylnaphthalene	12.243	142	30122	0.490	ng	95
17) Acenaphthene	14.494	154	8661	0.084	ng	94
18) Fluorene	15.489	166	10440	0.077	ng	# 32
24) Pentachlorophenol	16.838	266	572	0.054	ng	88
25) Phenanthrene	17.223	178	11353	0.109	ng	# 73
30) Pyrene	19.610	202	3065	0.037	ng	# 70
34) Bis(2-ethylhexyl)phtha...	21.295	149	24436	0.700	ng	94

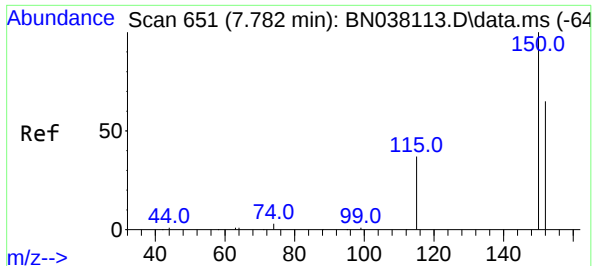
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111225\
Data File : BN038187.D
Acq On : 12 Nov 2025 11:56
Operator : RC/JU
Sample : Q3569-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-12

Quant Time: Nov 12 12:20:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration

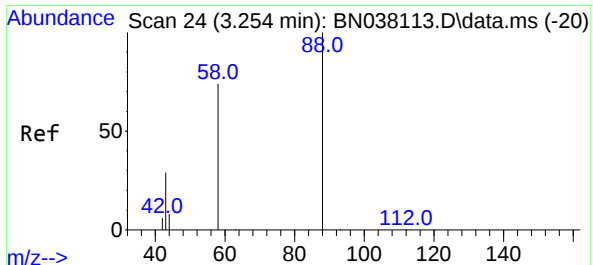
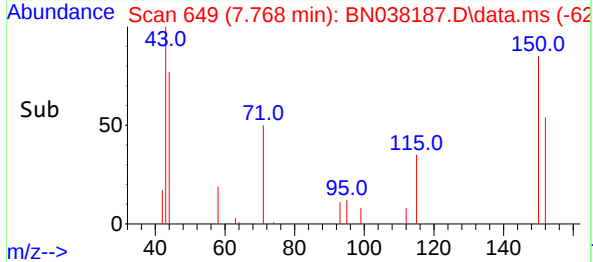
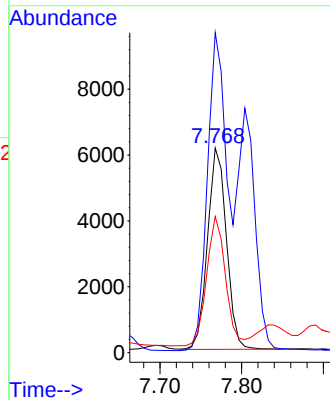
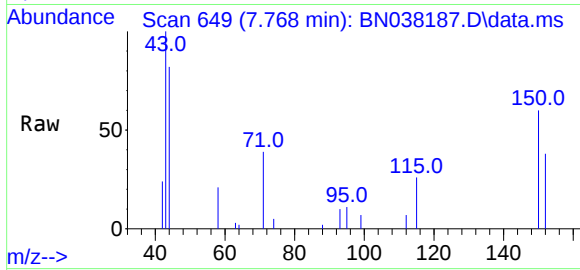




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.768 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN038187.D
Acq: 12 Nov 2025 11:56

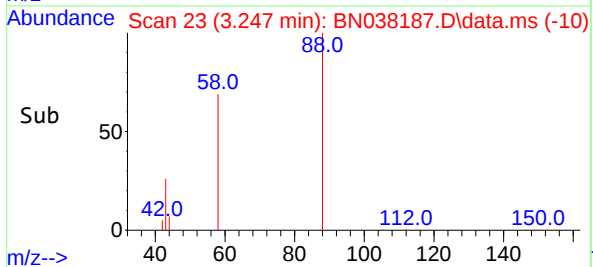
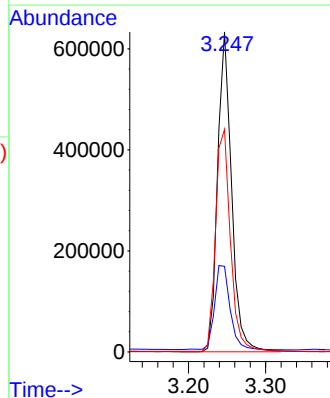
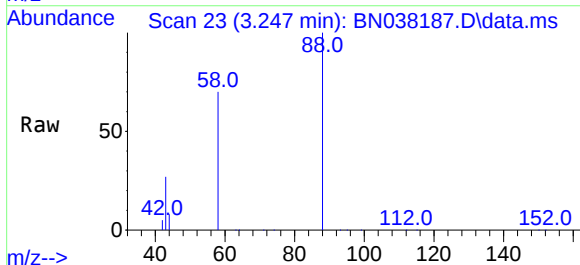
Instrument :
BNA_N
ClientSampleId :
MW-12

Tgt Ion:152 Resp: 9896
Ion Ratio Lower Upper
152 100
150 156.4 122.3 183.5
115 66.5 47.4 71.0

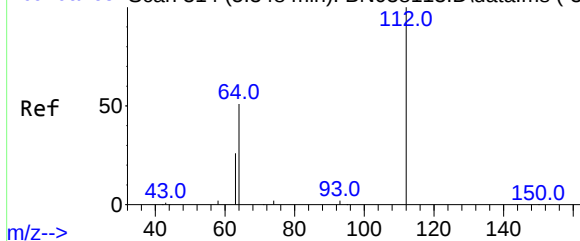


#2
1,4-Dioxane
Concen: 77.716 ng
RT: 3.247 min Scan# 23
Delta R.T. -0.007 min
Lab File: BN038187.D
Acq: 12 Nov 2025 11:56

Tgt Ion: 88 Resp: 794647
Ion Ratio Lower Upper
88 100
43 29.3 24.3 36.5
58 73.9 60.4 90.6



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



#4

2-Fluorophenol

Concen: 0.215 ng

RT: 5.341 min Scan# 31

Delta R.T. -0.007 min

Lab File: BN038187.D

Acq: 12 Nov 2025 11:56

Instrument :

BNA_N

ClientSampleId :

MW-12

Tgt Ion:112 Resp: 5010

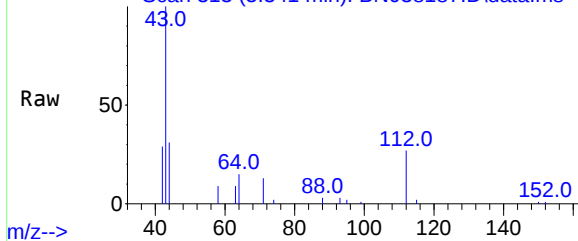
Ion Ratio Lower Upper

112 100

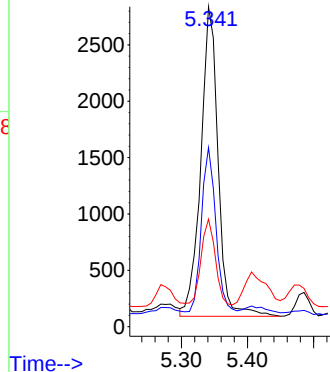
64 46.1 45.4 68.0

63 24.5 23.2 34.8

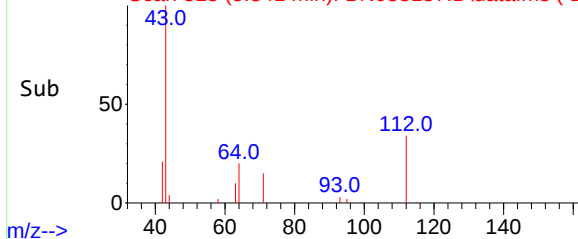
Abundance Scan 313 (5.341 min): BN038187.D\data.ms



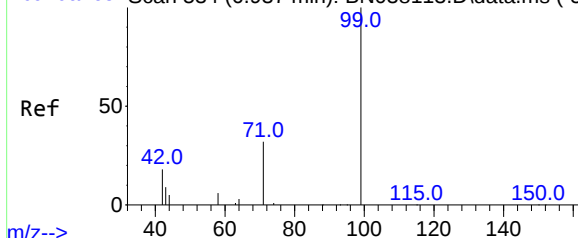
Abundance



Abundance Scan 313 (5.341 min): BN038187.D\data.ms (-28



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



#5

Phenol-d6

Concen: 0.137 ng

RT: 6.937 min Scan# 534

Delta R.T. -0.000 min

Lab File: BN038187.D

Acq: 12 Nov 2025 11:56

Tgt Ion: 99 Resp: 3888

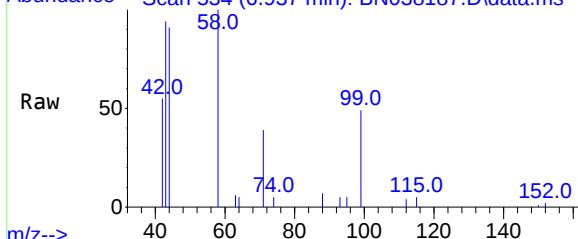
Ion Ratio Lower Upper

99 100

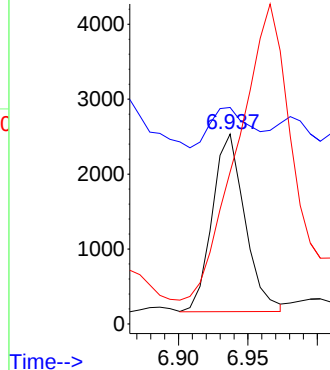
42 26.0 16.6 24.8#

71 0.0 25.4 38.2#

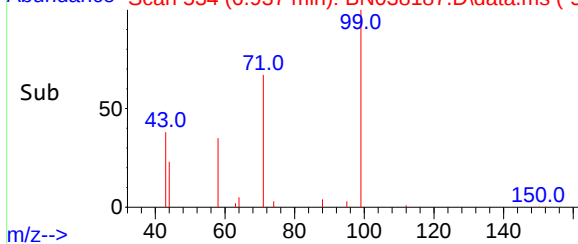
Abundance Scan 534 (6.937 min): BN038187.D\data.ms

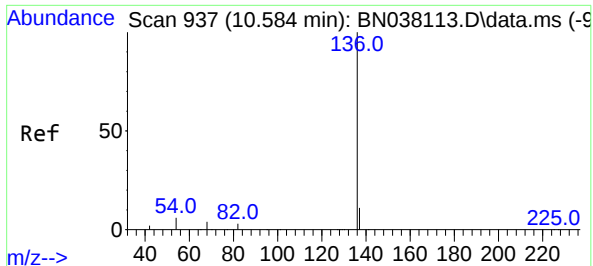


Abundance



Abundance Scan 534 (6.937 min): BN038187.D\data.ms (-50



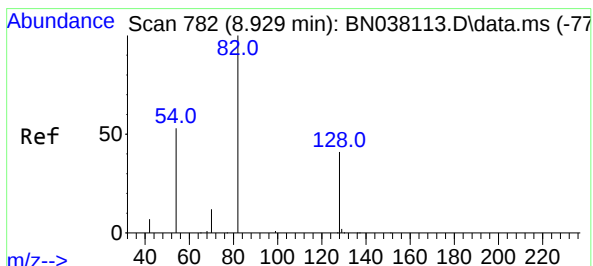
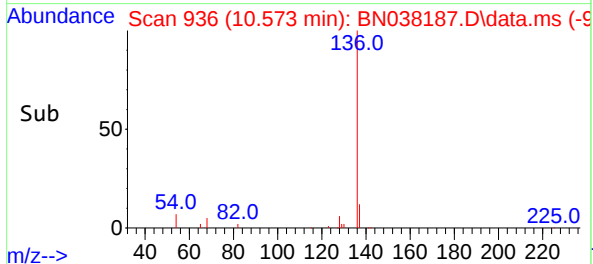
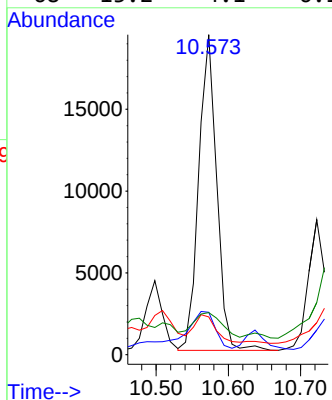
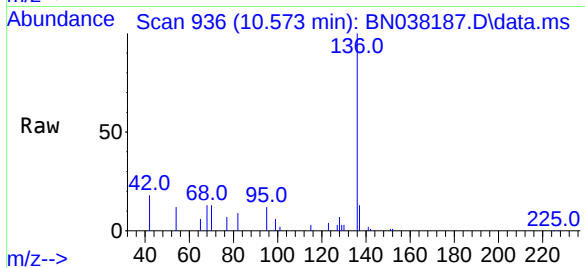


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN038187.D
Acq: 12 Nov 2025 11:56

Instrument :
BNA_N
ClientSampleId :
MW-12

Tgt Ion: 136 Resp: 33487

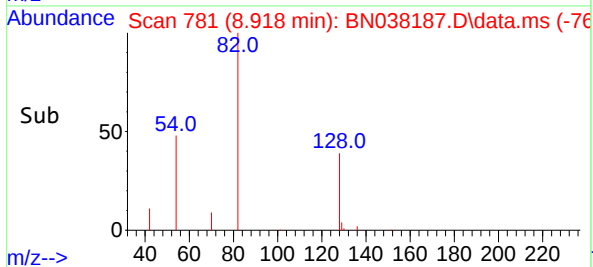
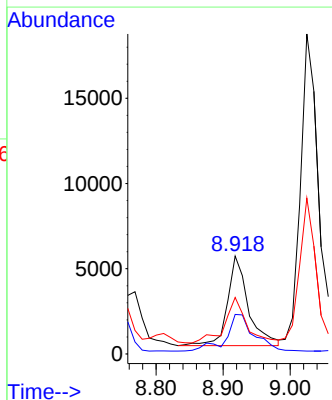
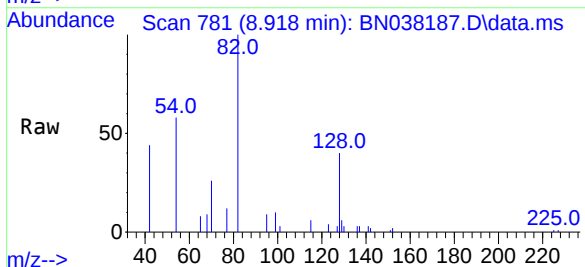
Ion	Ratio	Lower	Upper
136	100		
137	13.3	9.0	13.4
54	11.8	5.2	7.8#
68	13.2	4.1	6.1#

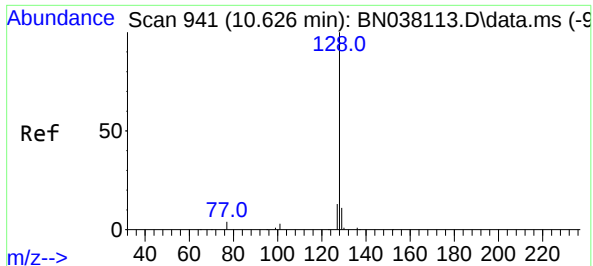


#8
Nitrobenzene-d5
Concen: 0.420 ng
RT: 8.918 min Scan# 781
Delta R.T. -0.011 min
Lab File: BN038187.D
Acq: 12 Nov 2025 11:56

Tgt Ion: 82 Resp: 11346

Ion	Ratio	Lower	Upper
82	100		
128	40.3	34.1	51.1
54	57.7	43.5	65.3

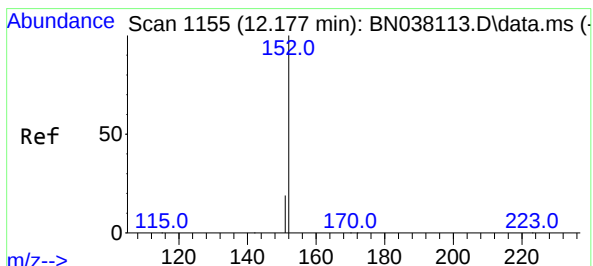
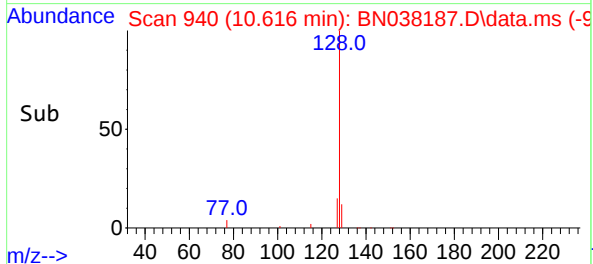
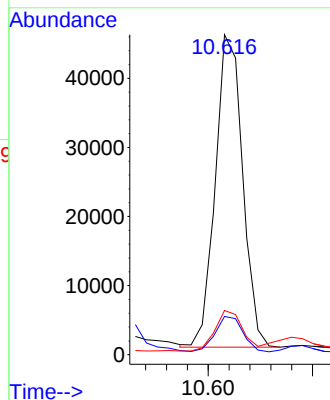
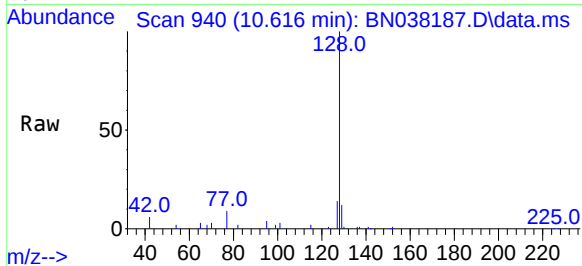




#9
Naphthalene
Concen: 0.892 ng
RT: 10.616 min Scan# 941
Delta R.T. -0.011 min
Lab File: BN038187.D
Acq: 12 Nov 2025 11:56

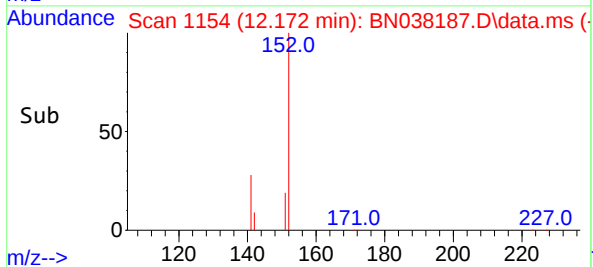
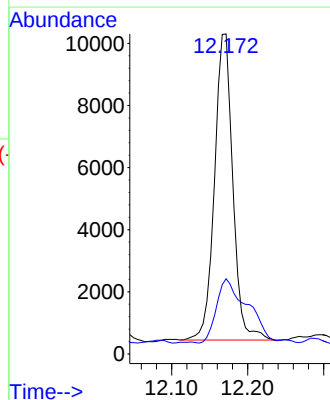
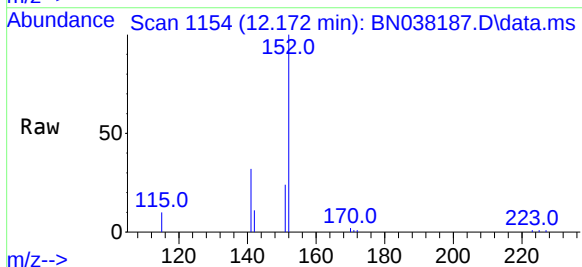
Instrument :
BNA_N
ClientSampleId :
MW-12

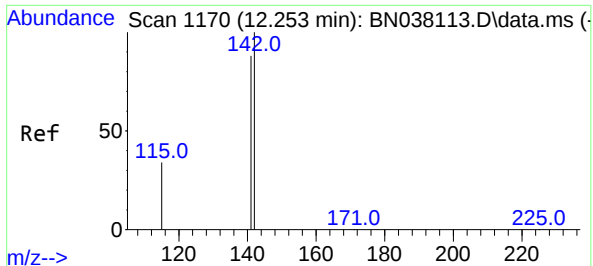
Tgt Ion:128 Resp: 82244
Ion Ratio Lower Upper
128 100
129 12.0 9.1 13.7
127 13.8 10.5 15.7



#11
2-Methylnaphthalene-d10
Concen: 0.345 ng
RT: 12.172 min Scan# 1154
Delta R.T. -0.005 min
Lab File: BN038187.D
Acq: 12 Nov 2025 11:56

Tgt Ion:152 Resp: 16494
Ion Ratio Lower Upper
152 100
151 35.6 16.8 25.2#





#12

2-Methylnaphthalene

Concen: 0.490 ng

RT: 12.243 min Scan# 1170

Delta R.T. -0.005 min

Lab File: BN038187.D

Acq: 12 Nov 2025 11:56

Instrument :

BNA_N

ClientSampleId :

MW-12

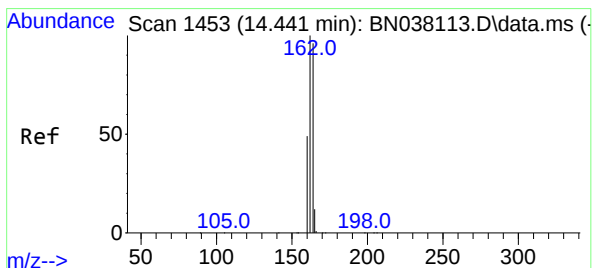
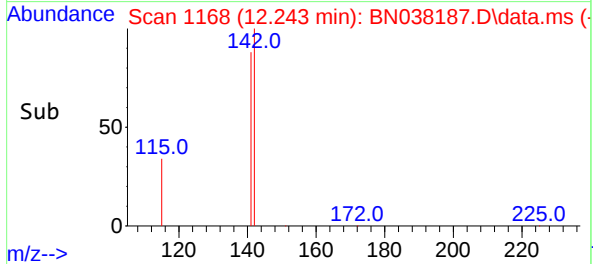
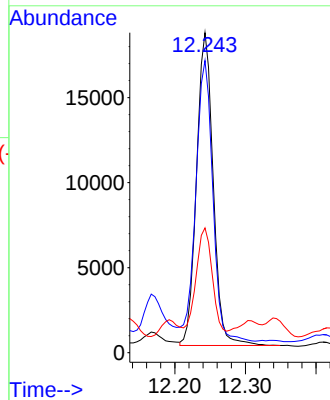
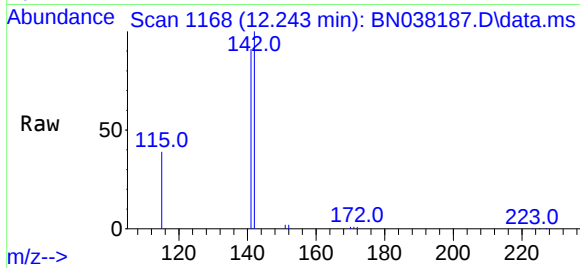
Tgt Ion:142 Resp: 30122

Ion Ratio Lower Upper

142 100

141 91.3 70.3 105.5

115 39.0 27.8 41.6



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.430 min Scan# 1452

Delta R.T. -0.000 min

Lab File: BN038187.D

Acq: 12 Nov 2025 11:56

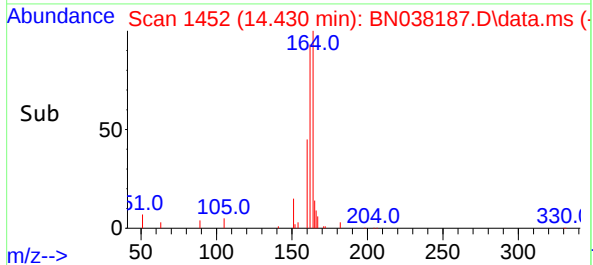
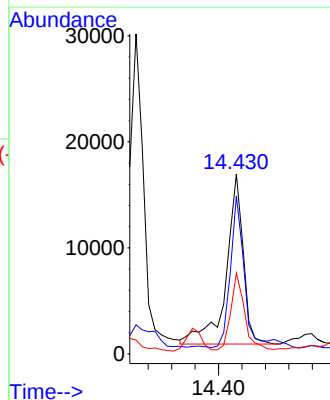
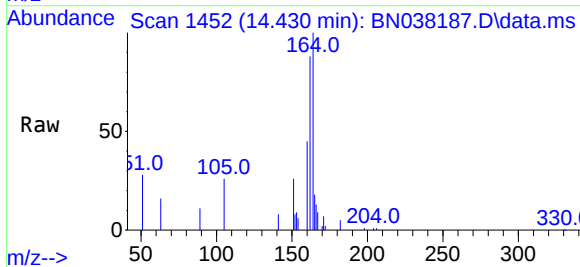
Tgt Ion:164 Resp: 32721

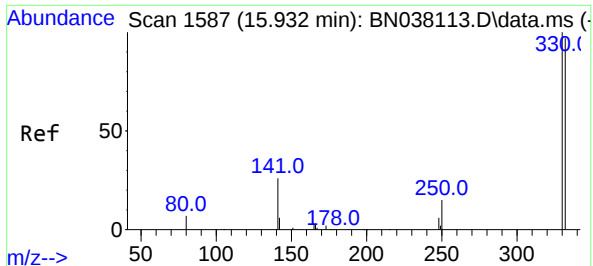
Ion Ratio Lower Upper

164 100

162 88.0 83.0 124.4

160 45.0 40.7 61.1

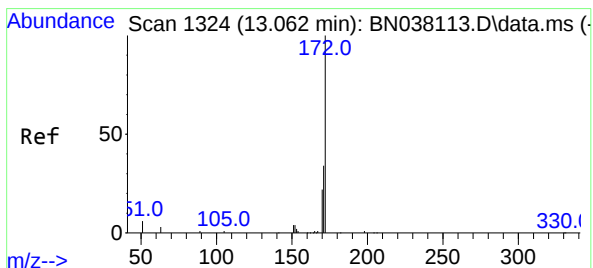
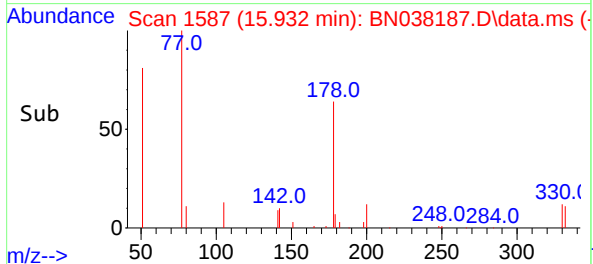
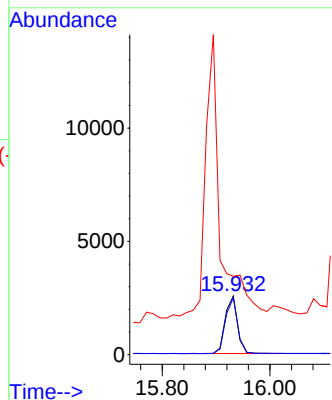
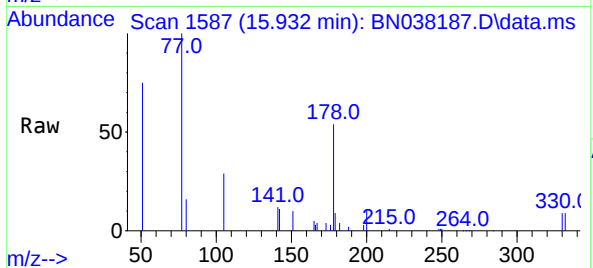




#14
2,4,6-Tribromophenol
Concen: 0.299 ng
RT: 15.932 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN038187.D
Acq: 12 Nov 2025 11:56

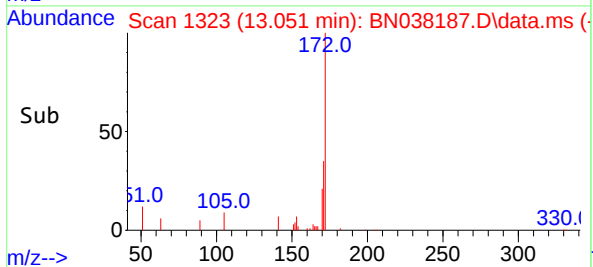
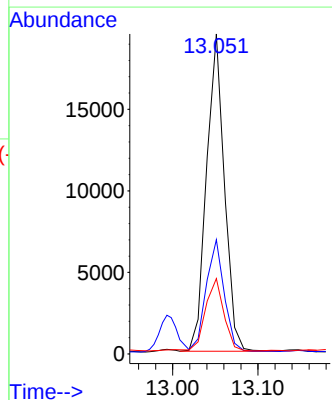
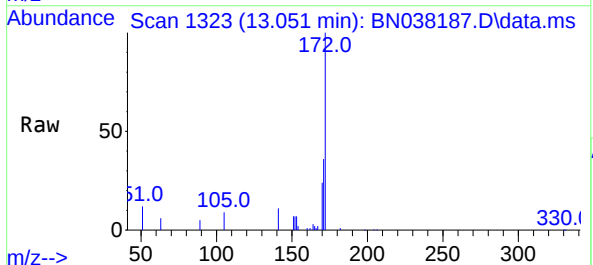
Instrument :
BNA_N
ClientSampleId :
MW-12

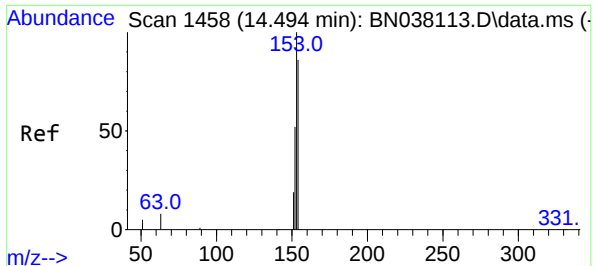
Tgt Ion:330 Resp: 4032
Ion Ratio Lower Upper
330 100
332 96.3 76.6 114.8
141 0.0 34.1 51.1#



#15
2-Fluorobiphenyl
Concen: 0.217 ng
RT: 13.051 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BN038187.D
Acq: 12 Nov 2025 11:56

Tgt Ion:172 Resp: 28444
Ion Ratio Lower Upper
172 100
171 35.7 27.8 41.6
170 23.6 18.1 27.1

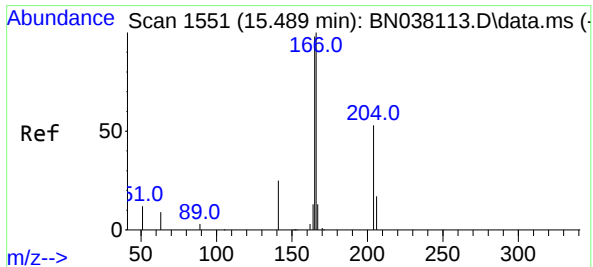
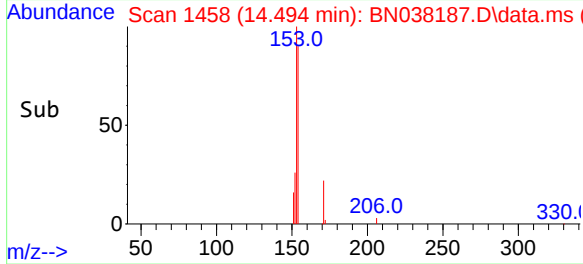
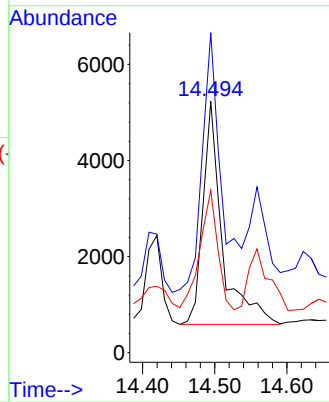
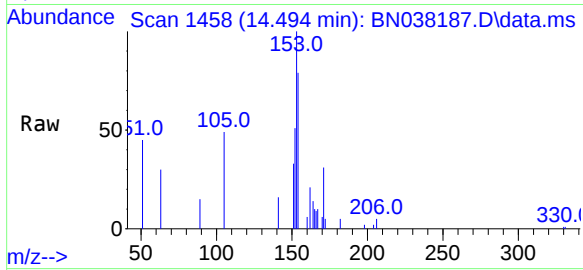




#17
Acenaphthene
Concen: 0.084 ng
RT: 14.494 min Scan# 1458
Delta R.T. -0.000 min
Lab File: BN038187.D
Acq: 12 Nov 2025 11:56

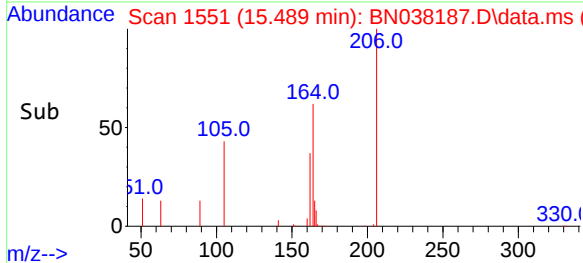
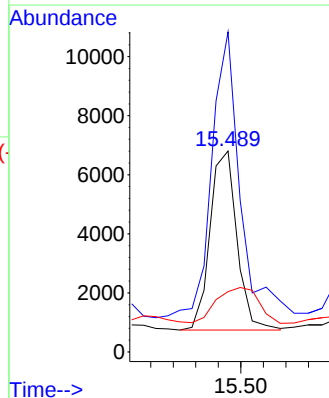
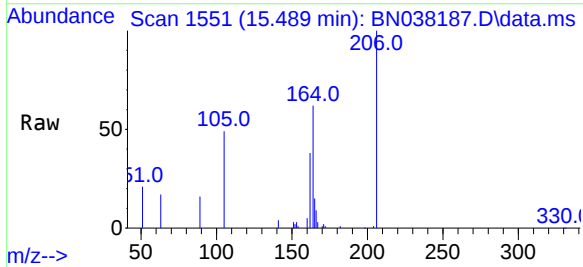
Instrument :
BNA_N
ClientSampleId :
MW-12

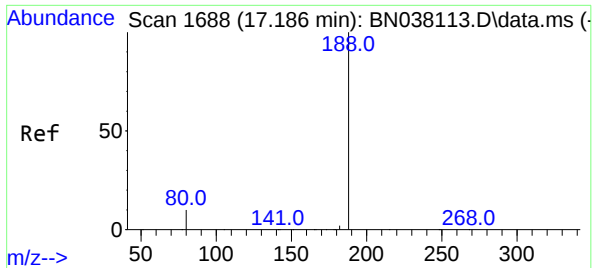
Tgt Ion:154 Resp: 8661
Ion Ratio Lower Upper
154 100
153 114.5 90.0 135.0
152 48.7 47.3 70.9



#18
Fluorene
Concen: 0.077 ng
RT: 15.489 min Scan# 1551
Delta R.T. -0.000 min
Lab File: BN038187.D
Acq: 12 Nov 2025 11:56

Tgt Ion:166 Resp: 10440
Ion Ratio Lower Upper
166 100
165 169.2 79.0 118.4#
167 30.3 10.7 16.1#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.186 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN038187.D

Acq: 12 Nov 2025 11:56

Instrument :

BNA_N

ClientSampleId :

MW-12

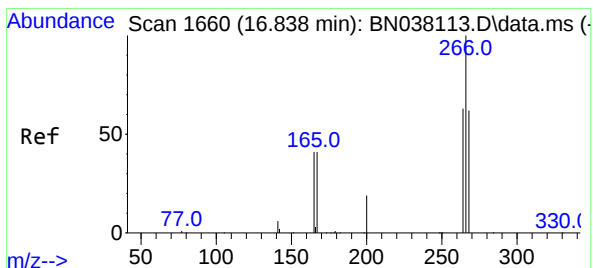
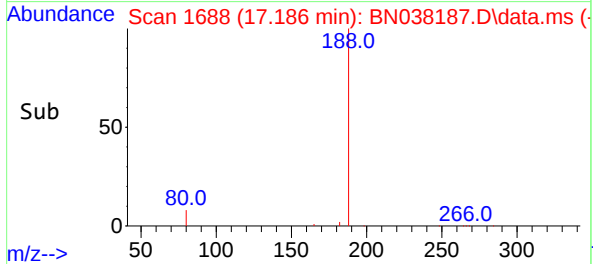
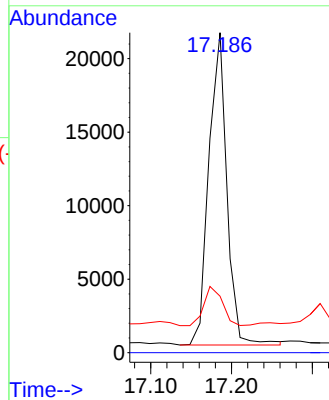
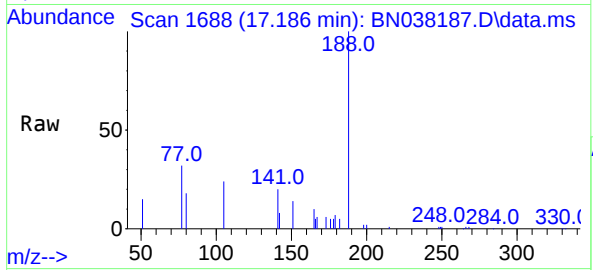
Tgt Ion:188 Resp: 32892

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 17.6 8.6 13.0#



#24

Pentachlorophenol

Concen: 0.054 ng

RT: 16.838 min Scan# 1660

Delta R.T. -0.000 min

Lab File: BN038187.D

Acq: 12 Nov 2025 11:56

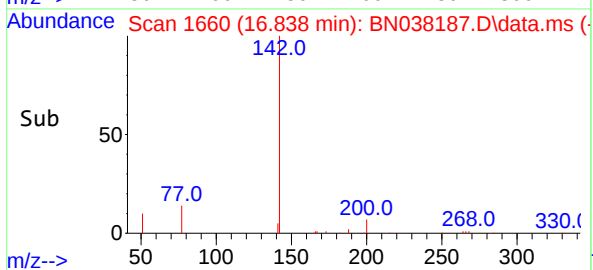
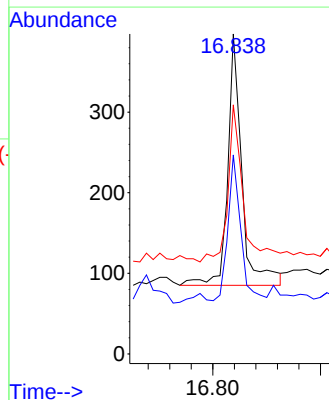
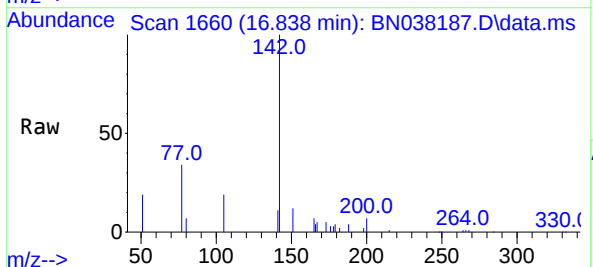
Tgt Ion:266 Resp: 572

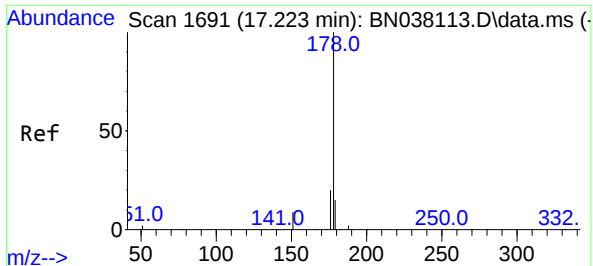
Ion Ratio Lower Upper

266 100

264 51.9 49.3 73.9

268 71.9 50.6 75.8

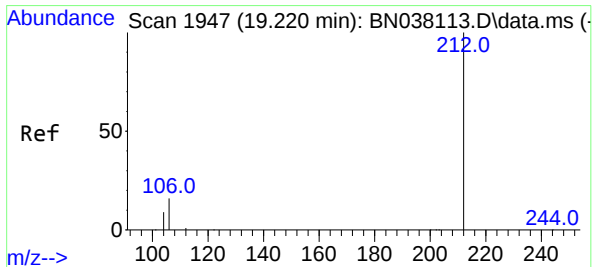
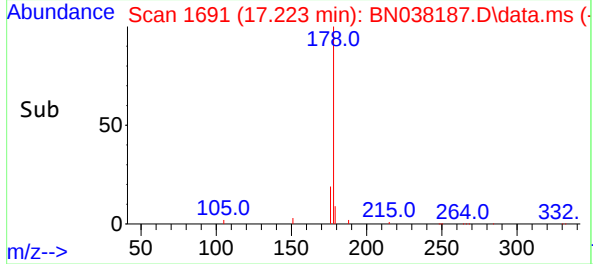
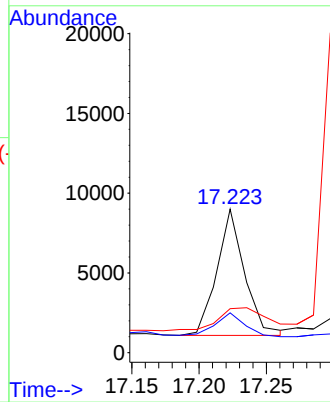
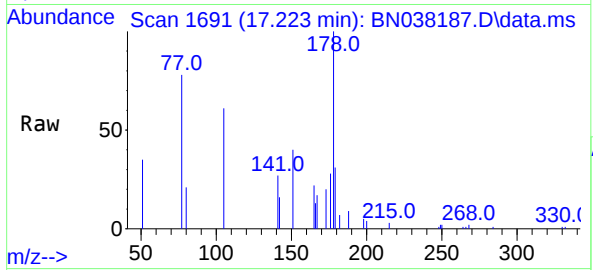




#25
Phenanthrene
Concen: 0.109 ng
RT: 17.223 min Scan# 1691
Delta R.T. -0.000 min
Lab File: BN038187.D
Acq: 12 Nov 2025 11:56

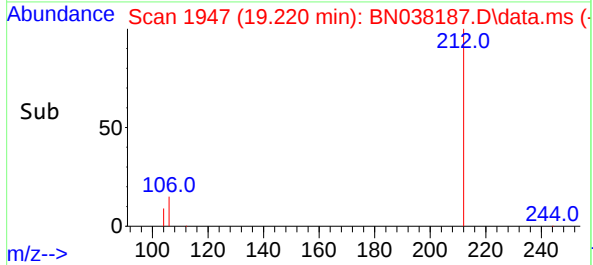
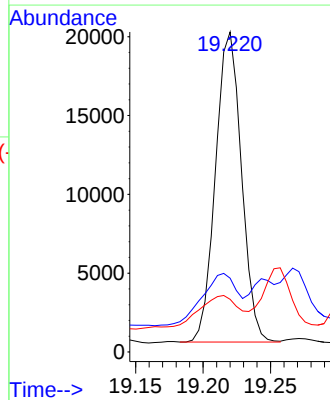
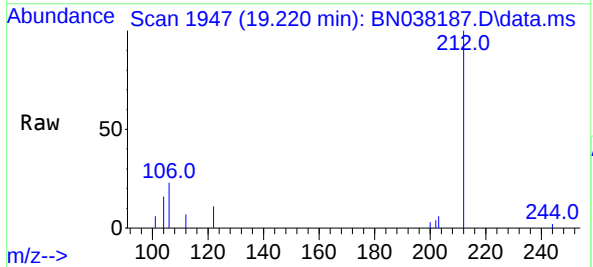
Instrument :
BNA_N
ClientSampleId :
MW-12

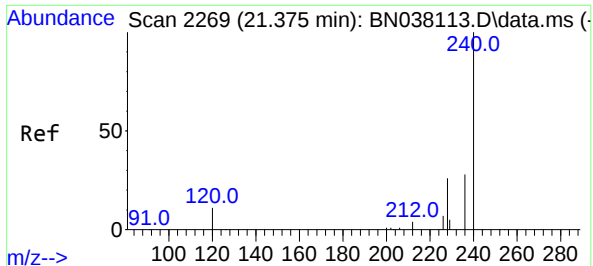
Tgt Ion:178 Resp: 11353
Ion Ratio Lower Upper
178 100
176 20.4 15.5 23.3
179 40.1 12.2 18.4#



#27
Fluoranthene-d10
Concen: 0.317 ng
RT: 19.220 min Scan# 1947
Delta R.T. -0.000 min
Lab File: BN038187.D
Acq: 12 Nov 2025 11:56

Tgt Ion:212 Resp: 26290
Ion Ratio Lower Upper
212 100
106 23.1 12.6 19.0#
104 19.1 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: BN038187.D

Acq: 12 Nov 2025 11:56

Instrument :

BNA_N

ClientSampleId :

MW-12

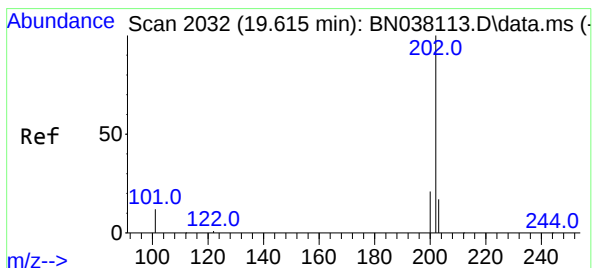
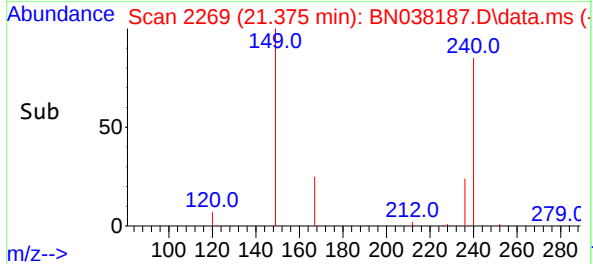
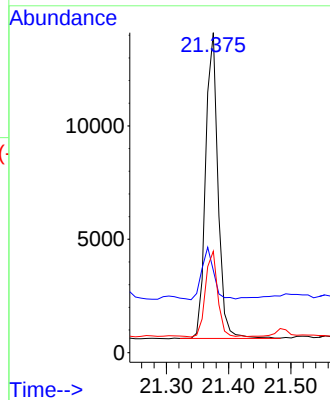
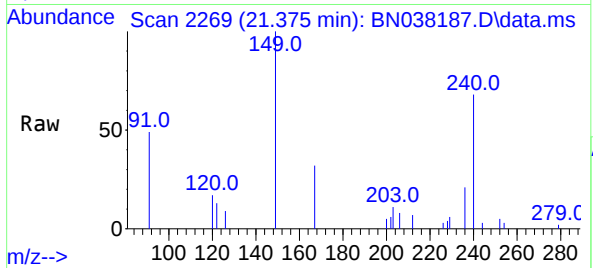
Tgt Ion:240 Resp: 18590

Ion Ratio Lower Upper

240 100

120 25.7 10.7 16.1#

236 31.7 23.1 34.7



#30

Pyrene

Concen: 0.037 ng

RT: 19.610 min Scan# 2031

Delta R.T. -0.000 min

Lab File: BN038187.D

Acq: 12 Nov 2025 11:56

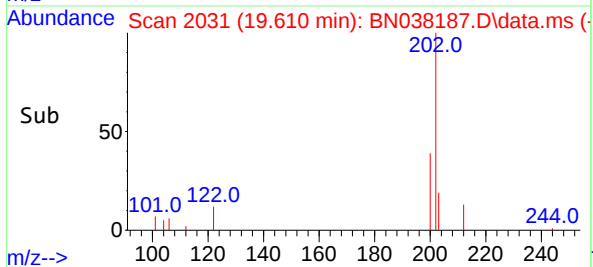
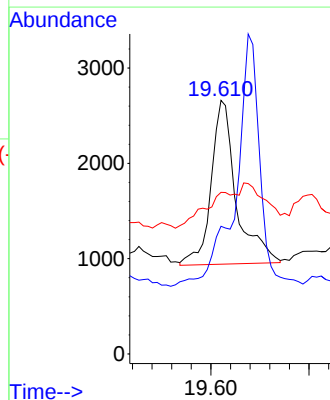
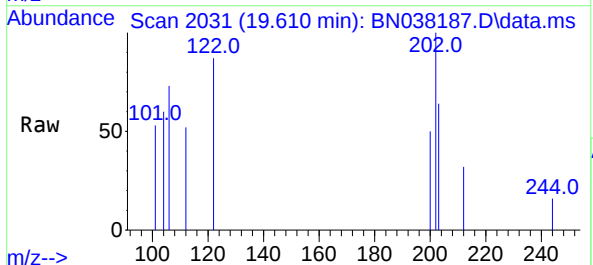
Tgt Ion:202 Resp: 3065

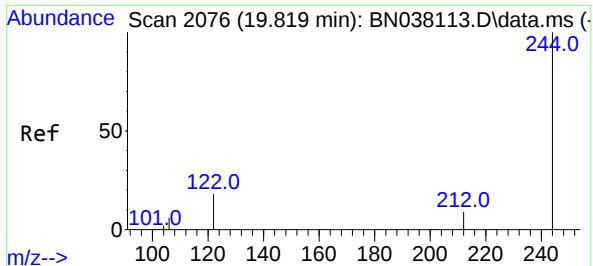
Ion Ratio Lower Upper

202 100

200 0.0 16.7 25.1#

203 23.5 14.2 21.2#

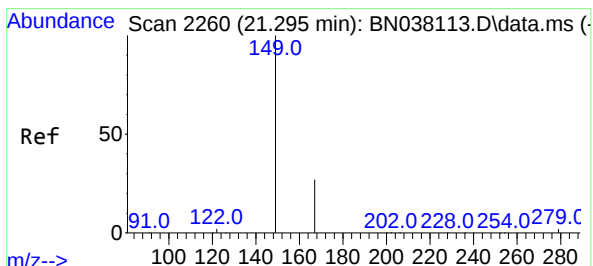
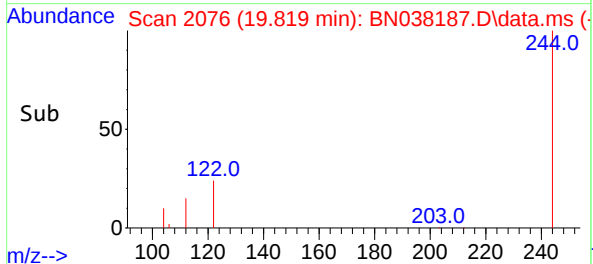
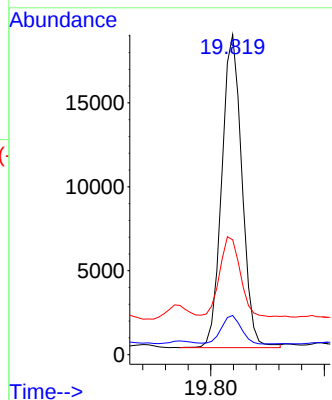
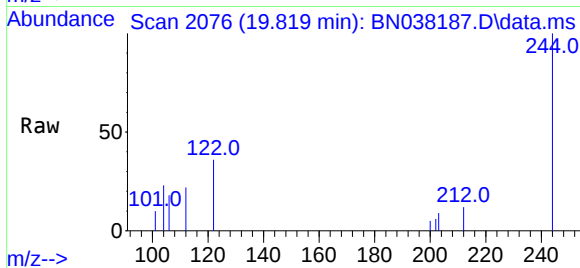




#31
Terphenyl-d14
Concen: 0.567 ng
RT: 19.819 min Scan# 2076
Delta R.T. -0.000 min
Lab File: BN038187.D
Acq: 12 Nov 2025 11:56

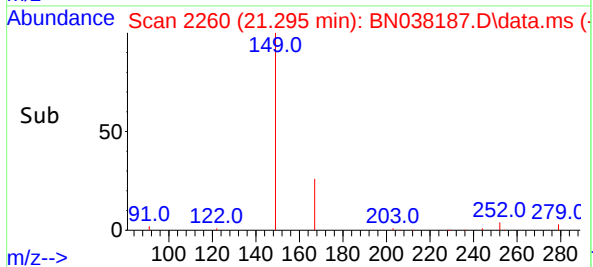
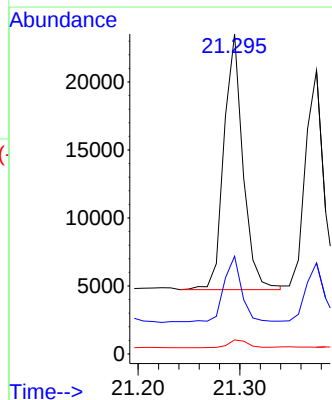
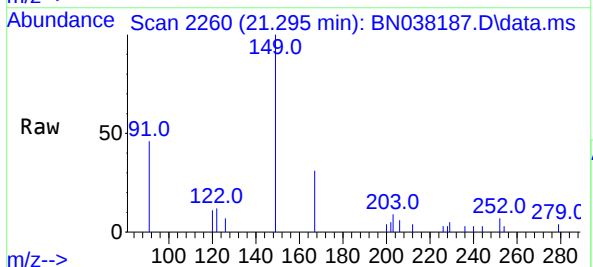
Instrument :
BNA_N
ClientSampleId :
MW-12

Tgt Ion:244 Resp: 22910
Ion Ratio Lower Upper
244 100
212 12.2 7.8 11.6#
122 35.9 15.2 22.8#

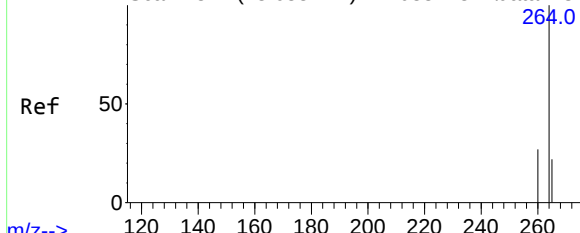


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.700 ng
RT: 21.295 min Scan# 2260
Delta R.T. -0.000 min
Lab File: BN038187.D
Acq: 12 Nov 2025 11:56

Tgt Ion:149 Resp: 24436
Ion Ratio Lower Upper
149 100
167 23.2 21.1 31.7
279 3.2 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: BN038187.D

Acq: 12 Nov 2025 11:56

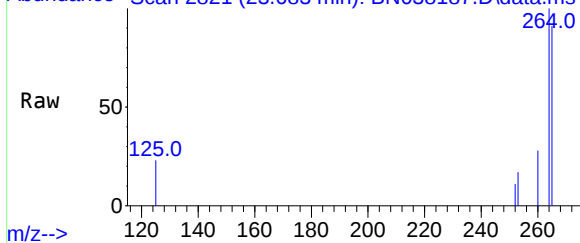
Instrument :

BNA_N

ClientSampleId :

MW-12

Abundance Scan 2821 (23.683 min): BN038187.D\data.ms (-



Tgt Ion:264 Resp: 18643

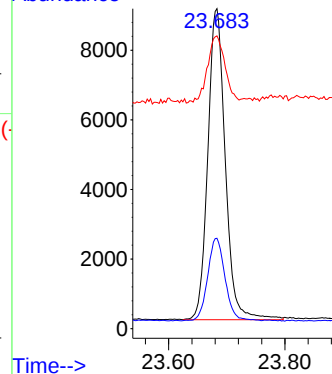
Ion Ratio Lower Upper

264 100

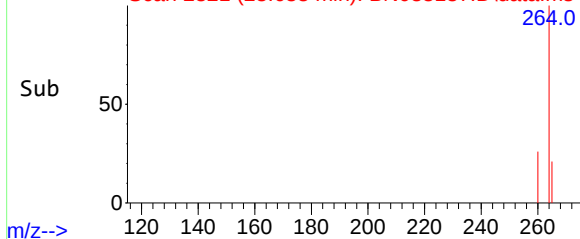
260 28.3 21.8 32.8

265 91.5 68.6 102.8

Abundance



Abundance Scan 2821 (23.683 min): BN038187.D\data.ms (-



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111225\
 Data File : BN038194.D
 Acq On : 12 Nov 2025 16:11
 Operator : RC/JU
 Sample : Q3569-02DL 40X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-12DL

A
B
C
D
E
F
G
H
I
J
K

Quant Time: Nov 12 16:35:08 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)

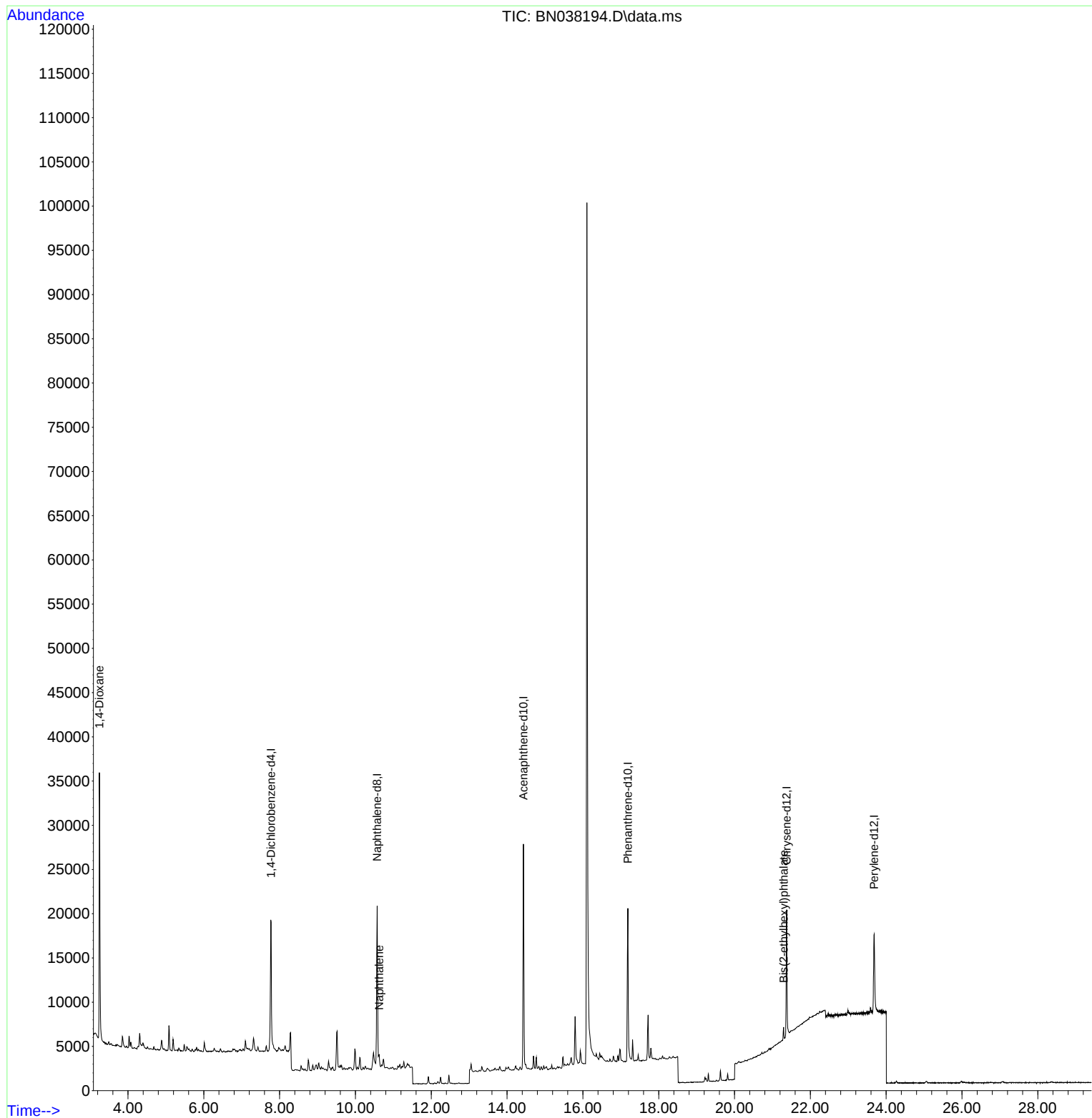
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	7912	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	24631	0.400	ng	# 0.00
13) Acenaphthene-d10	14.430	164	14683	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	26976	0.400	ng	0.00
29) Chrysene-d12	21.375	240	14468	0.400	ng	0.00
35) Perylene-d12	23.683	264	13395	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	139	0.007	ng	0.00
5) Phenol-d6	6.944	99	111	0.005	ng	0.00
8) Nitrobenzene-d5	8.929	82	302	0.015	ng	0.00
11) 2-Methylnaphthalene-d10	12.172	152	308	0.009	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	71	0.012	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	778	0.013	ng	0.00
27) Fluoranthene-d10	19.220	212	583	0.009	ng	0.00
31) Terphenyl-d14	19.819	244	600	0.019	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.247	88	19311	2.362	ng	99
9) Naphthalene	10.626	128	2053	0.030	ng	# 84
34) Bis(2-ethylhexyl)phtha...	21.295	149	1389	0.051	ng	# 93

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

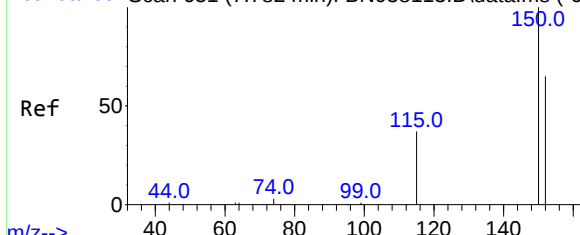
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111225\
Data File : BN038194.D
Acq On : 12 Nov 2025 16:11
Operator : RC/JU
Sample : Q3569-02DL 40X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-12DL

Quant Time: Nov 12 16:35:08 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: BN038194.D

Acq: 12 Nov 2025 16:11

Instrument :

BNA_N

ClientSampleId :

MW-12DL

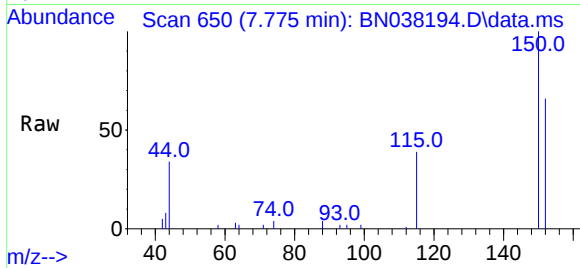
Tgt Ion:152 Resp: 7912

Ion Ratio Lower Upper

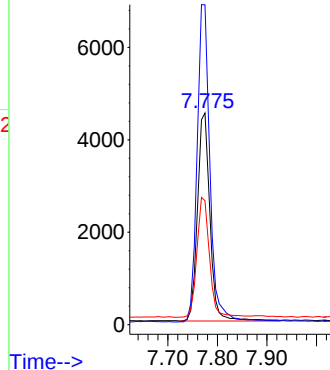
152 100

150 151.1 122.3 183.5

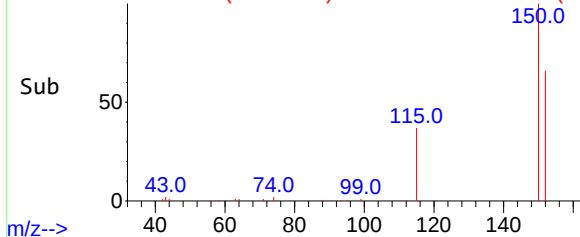
115 58.5 47.4 71.0



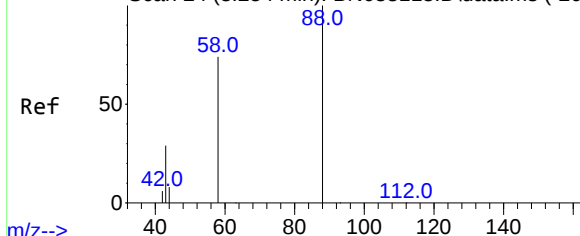
Abundance



Abundance Scan 650 (7.775 min): BN038194.D\data.ms (-62



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



#2

1,4-Dioxane

Concen: 2.362 ng

RT: 3.247 min Scan# 23

Delta R.T. -0.007 min

Lab File: BN038194.D

Acq: 12 Nov 2025 16:11

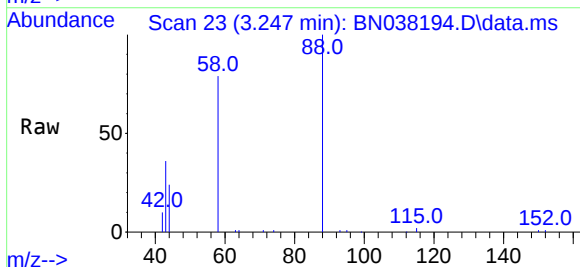
Tgt Ion: 88 Resp: 19311

Ion Ratio Lower Upper

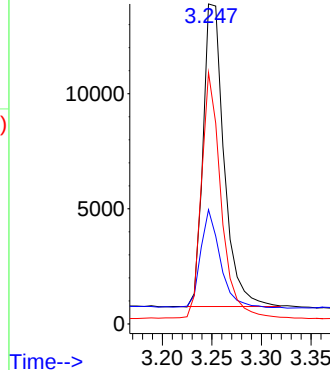
88 100

43 31.0 24.3 36.5

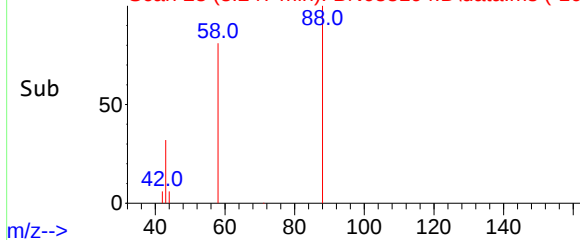
58 76.7 60.4 90.6



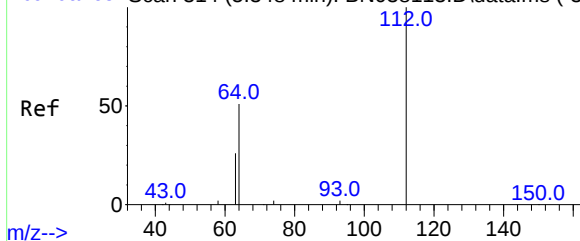
Abundance



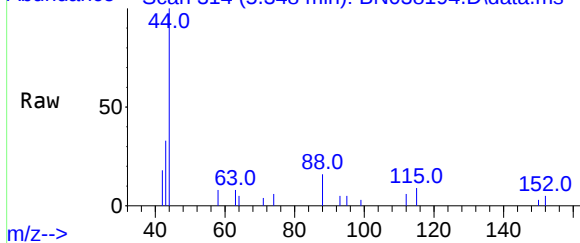
Abundance Scan 23 (3.247 min): BN038194.D\data.ms (-10)



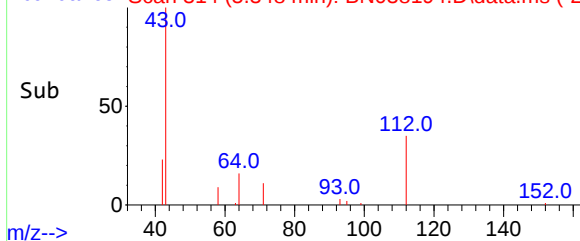
Abundance Scan 314 (5.348 min): BN038113.D\data.ms (-30



Abundance Scan 314 (5.348 min): BN038194.D\data.ms



Abundance Scan 314 (5.348 min): BN038194.D\data.ms (-28



#4

2-Fluorophenol

Concen: 0.007 ng

RT: 5.348 min Scan# 314

Delta R.T. -0.000 min

Lab File: BN038194.D

Acq: 12 Nov 2025 16:11

Instrument :

BNA_N

ClientSampleId :

MW-12DL

Tgt Ion:112 Resp: 139

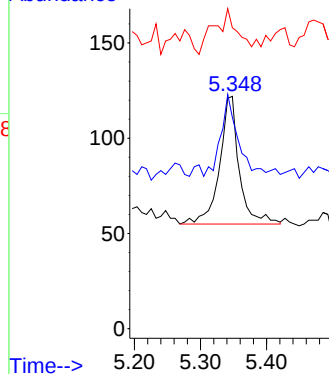
Ion Ratio Lower Upper

112 100

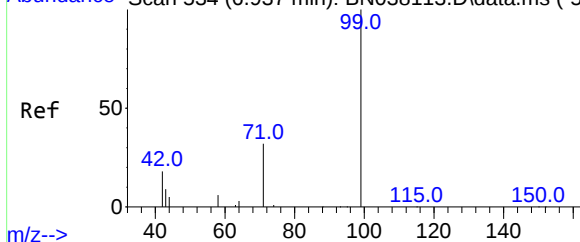
64 56.1 45.4 68.0

63 42.4 23.2 34.8#

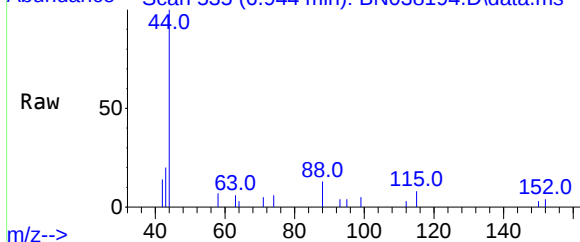
Abundance



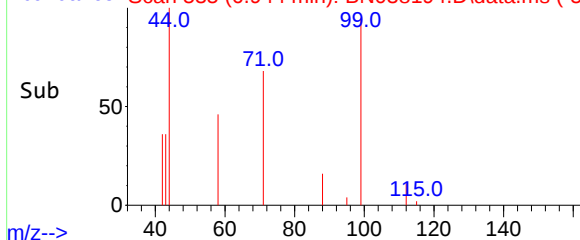
Abundance Scan 534 (6.937 min): BN038113.D\data.ms (-52



Abundance Scan 535 (6.944 min): BN038194.D\data.ms



Abundance Scan 535 (6.944 min): BN038194.D\data.ms (-50



#5

Phenol-d6

Concen: 0.005 ng

RT: 6.944 min Scan# 535

Delta R.T. 0.007 min

Lab File: BN038194.D

Acq: 12 Nov 2025 16:11

Tgt Ion: 99 Resp: 111

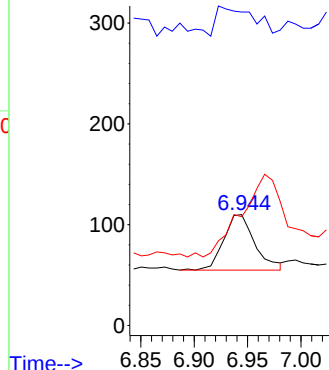
Ion Ratio Lower Upper

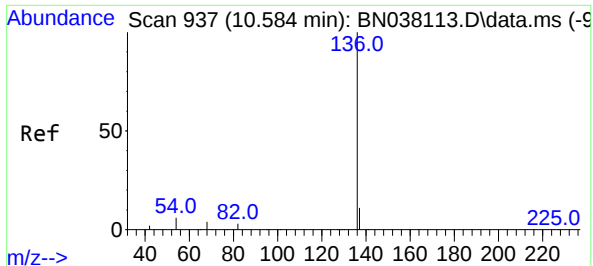
99 100

42 0.0 16.6 24.8#

71 0.0 25.4 38.2#

Abundance

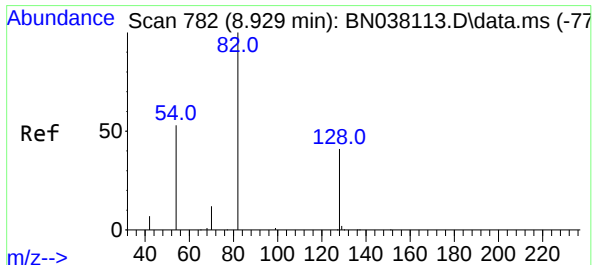
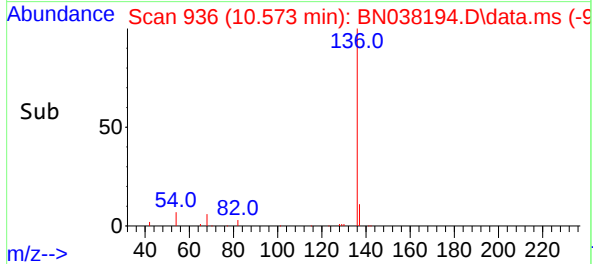
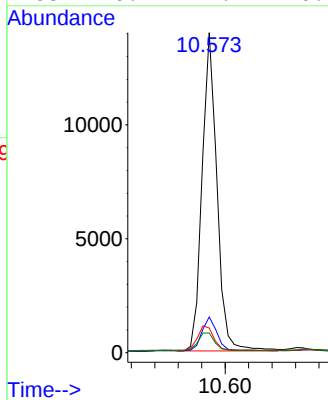
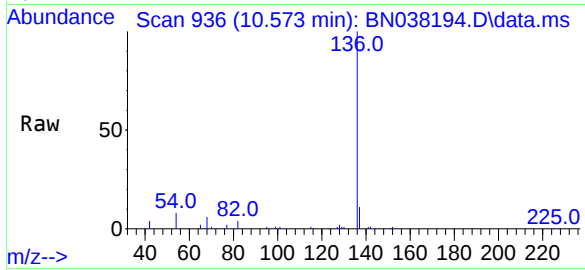




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN038194.D
Acq: 12 Nov 2025 16:11

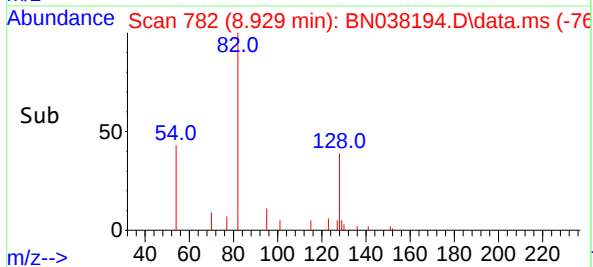
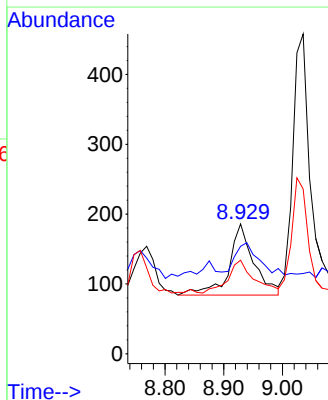
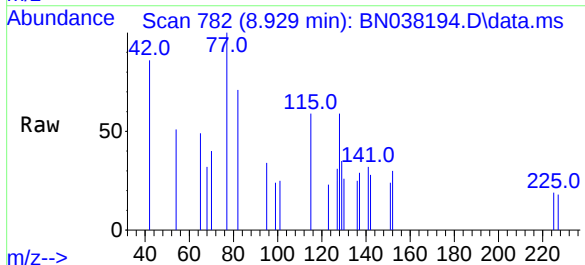
Instrument :
BNA_N
ClientSampleId :
MW-12DL

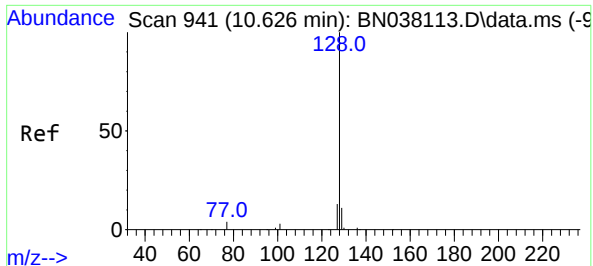
Tgt Ion:136 Resp: 24631
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 7.7 5.2 7.8
68 6.1 4.1 6.1#



#8
Nitrobenzene-d5
Concen: 0.015 ng
RT: 8.929 min Scan# 782
Delta R.T. -0.000 min
Lab File: BN038194.D
Acq: 12 Nov 2025 16:11

Tgt Ion: 82 Resp: 302
Ion Ratio Lower Upper
82 100
128 82.8 34.1 51.1#
54 72.0 43.5 65.3#

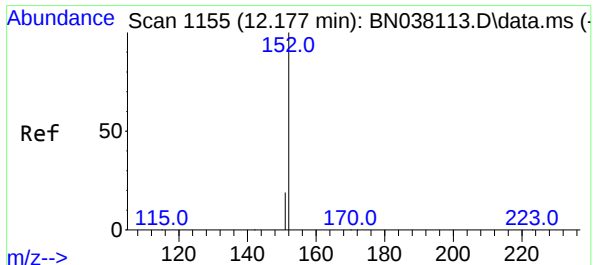
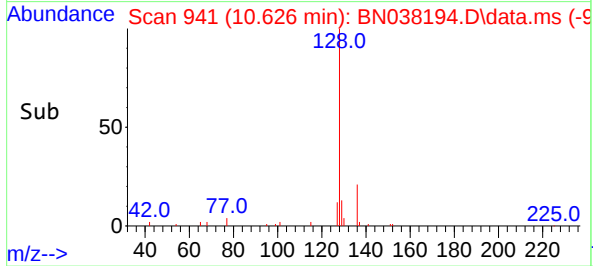
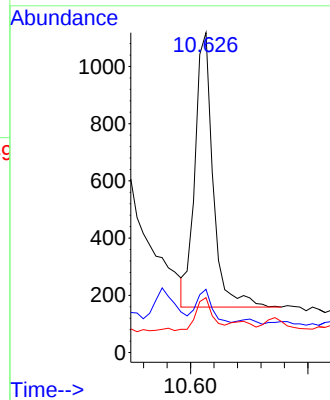
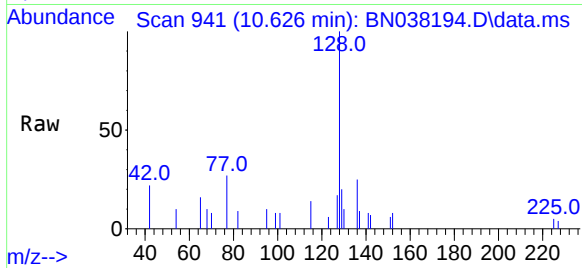




#9
Naphthalene
Concen: 0.030 ng
RT: 10.626 min Scan# 941
Delta R.T. -0.000 min
Lab File: BN038194.D
Acq: 12 Nov 2025 16:11

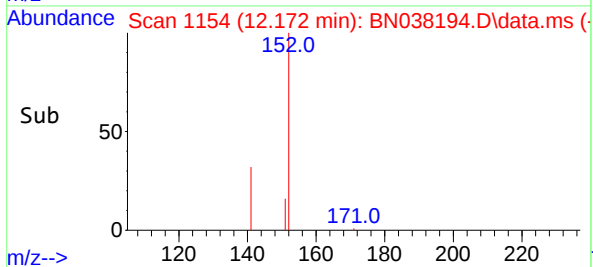
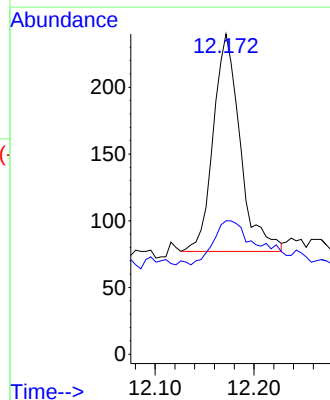
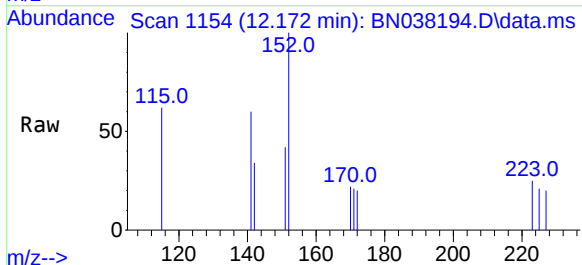
Instrument :
BNA_N
ClientSampleId :
MW-12DL

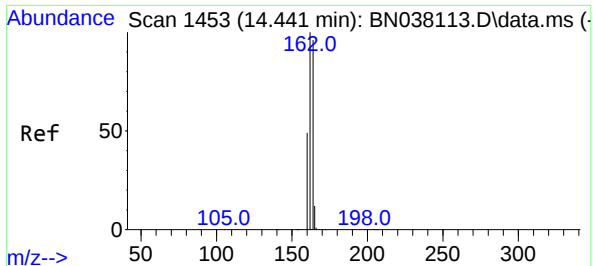
Tgt Ion:128 Resp: 2053
Ion Ratio Lower Upper
128 100
129 19.8 9.1 13.7#
127 17.2 10.5 15.7#



#11
2-Methylnaphthalene-d10
Concen: 0.009 ng
RT: 12.172 min Scan# 1154
Delta R.T. -0.005 min
Lab File: BN038194.D
Acq: 12 Nov 2025 16:11

Tgt Ion:152 Resp: 308
Ion Ratio Lower Upper
152 100
151 32.5 16.8 25.2#

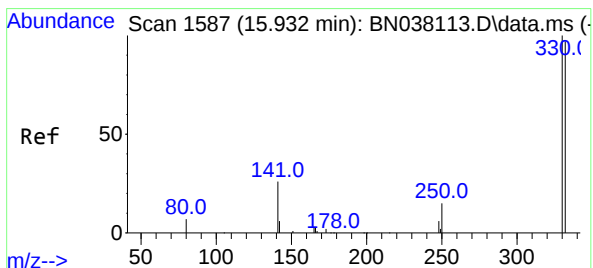
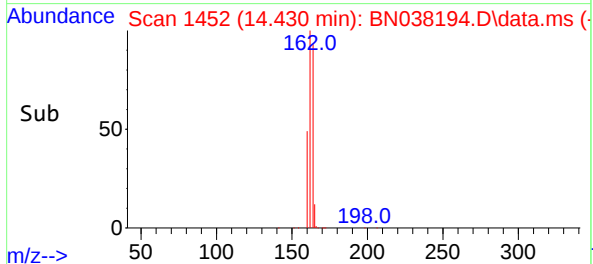
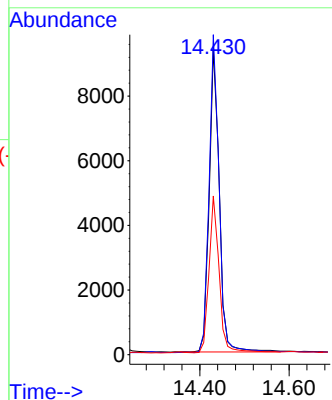
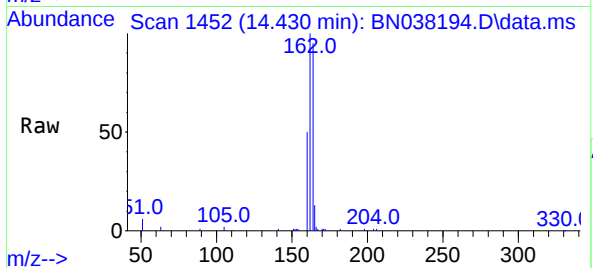




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 1453
Delta R.T. -0.000 min
Lab File: BN038194.D
Acq: 12 Nov 2025 16:11

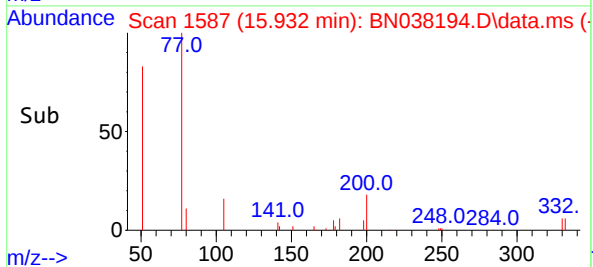
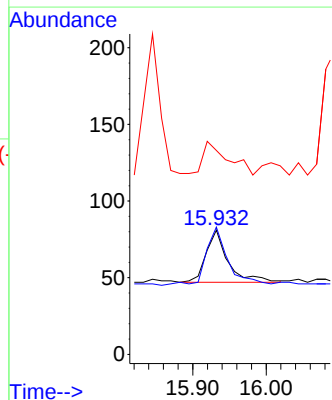
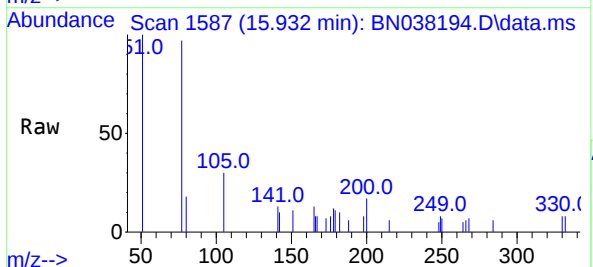
Instrument :
BNA_N
ClientSampleId :
MW-12DL

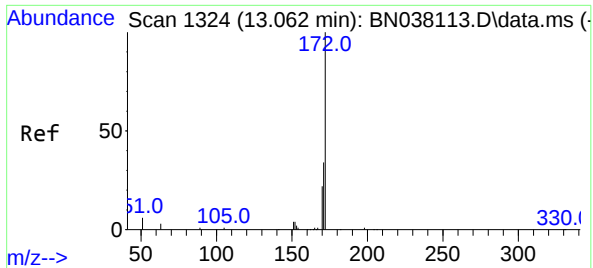
Tgt Ion:164 Resp: 14683
Ion Ratio Lower Upper
164 100
162 104.9 83.0 124.4
160 52.0 40.7 61.1



#14
2,4,6-Tribromophenol
Concen: 0.012 ng
RT: 15.932 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BN038194.D
Acq: 12 Nov 2025 16:11

Tgt Ion:330 Resp: 71
Ion Ratio Lower Upper
330 100
332 112.7 76.6 114.8
141 85.9 34.1 51.1#

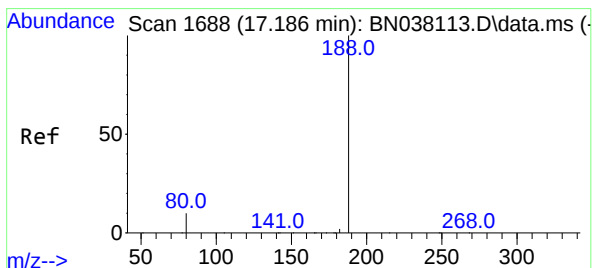
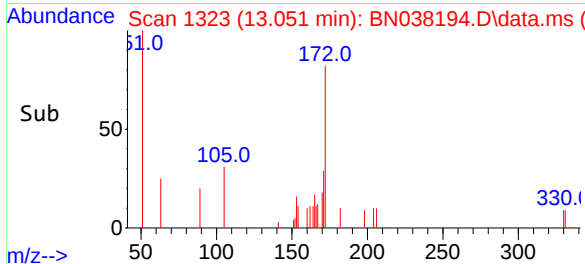
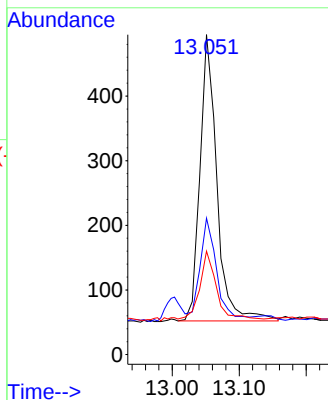
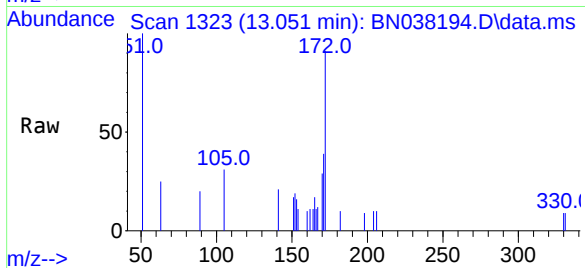




#15
2-Fluorobiphenyl
Concen: 0.013 ng
RT: 13.051 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BN038194.D
Acq: 12 Nov 2025 16:11

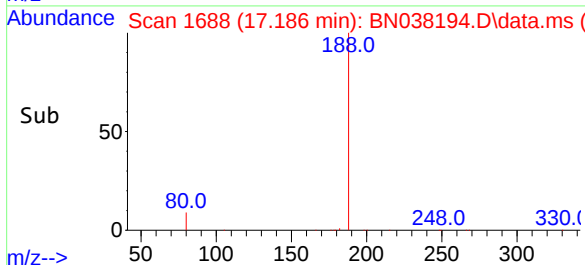
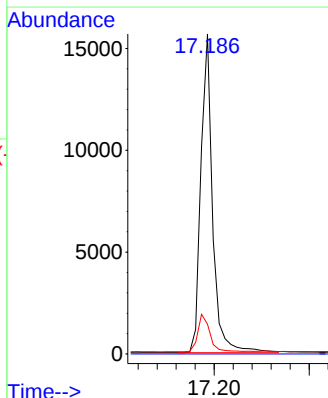
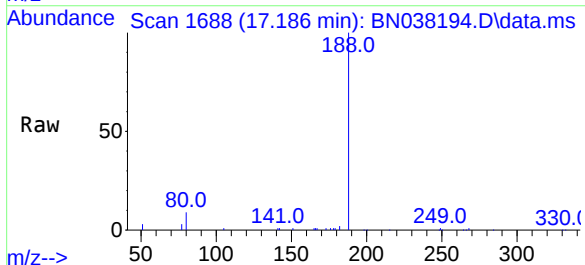
Instrument :
BNA_N
ClientSampleId :
MW-12DL

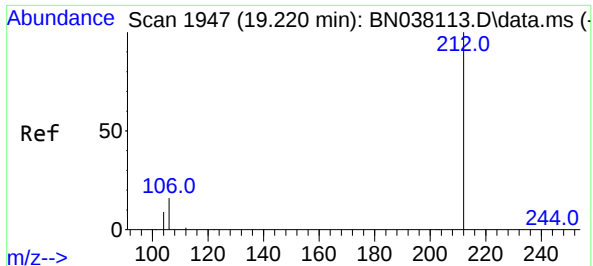
Tgt Ion:	172	Resp:	778
Ion	Ratio	Lower	Upper
172	100		
171	42.6	27.8	41.6#
170	32.3	18.1	27.1#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1688
Delta R.T. -0.000 min
Lab File: BN038194.D
Acq: 12 Nov 2025 16:11

Tgt Ion:	188	Resp:	26976
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.3	8.6	13.0

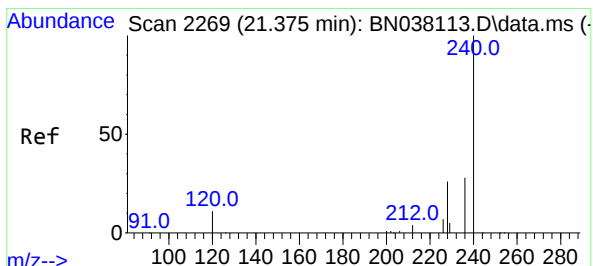
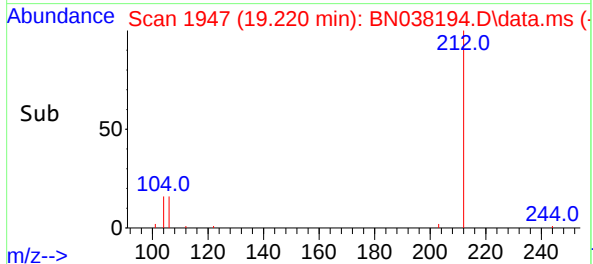
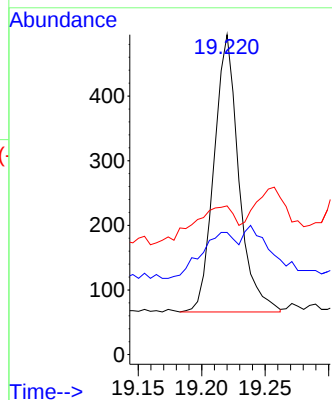
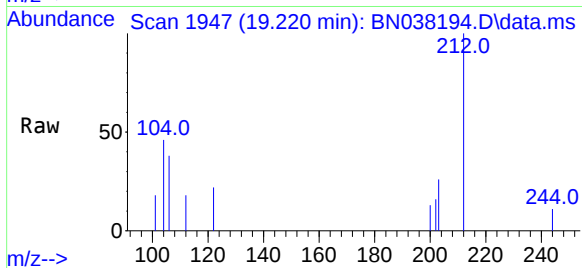




#27
Fluoranthene-d10
Concen: 0.009 ng
RT: 19.220 min Scan# 1947
Delta R.T. -0.000 min
Lab File: BN038194.D
Acq: 12 Nov 2025 16:11

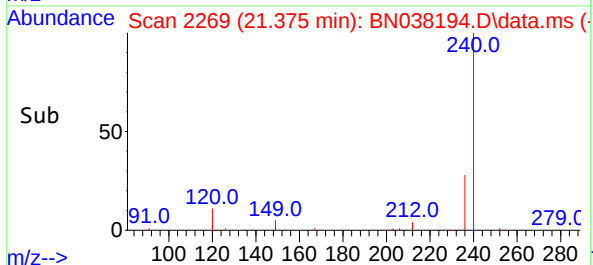
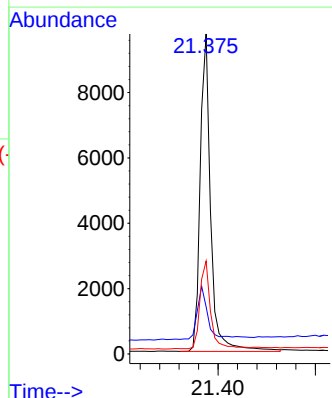
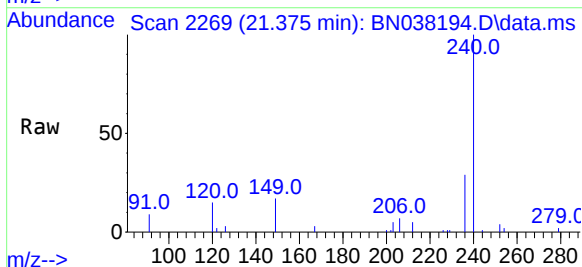
Instrument :
BNA_N
ClientSampleId :
MW-12DL

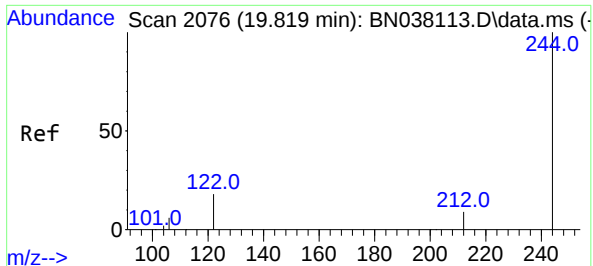
Tgt Ion:212 Resp: 583
Ion Ratio Lower Upper
212 100
106 25.7 12.6 19.0#
104 21.6 7.1 10.7#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.375 min Scan# 2269
Delta R.T. -0.000 min
Lab File: BN038194.D
Acq: 12 Nov 2025 16:11

Tgt Ion:240 Resp: 14468
Ion Ratio Lower Upper
240 100
120 14.8 10.7 16.1
236 29.1 23.1 34.7

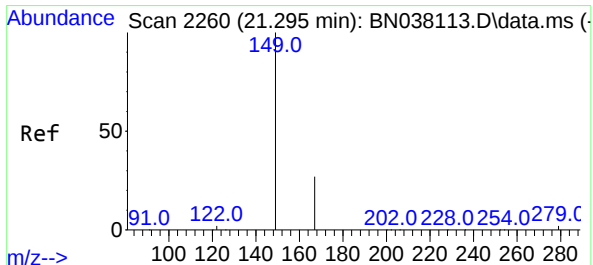
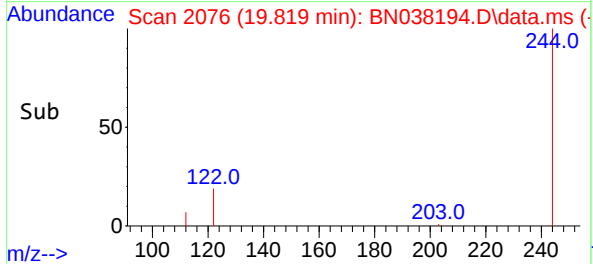
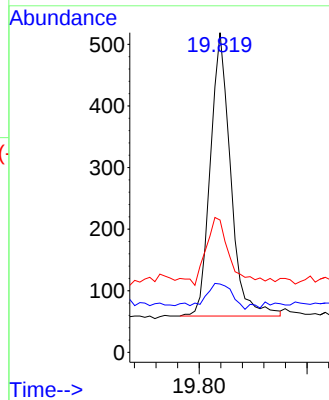
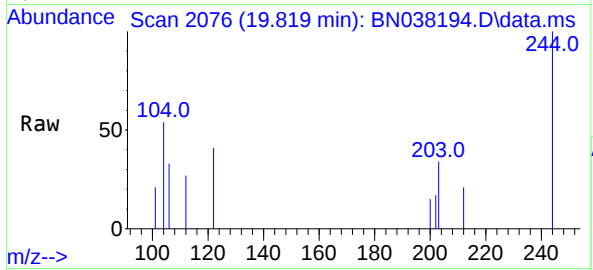




#31
Terphenyl-d14
Concen: 0.019 ng
RT: 19.819 min Scan# 2076
Delta R.T. -0.000 min
Lab File: BN038194.D
Acq: 12 Nov 2025 16:11

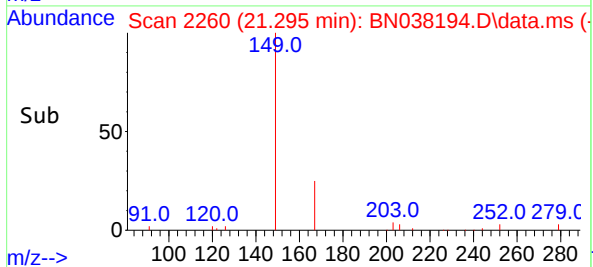
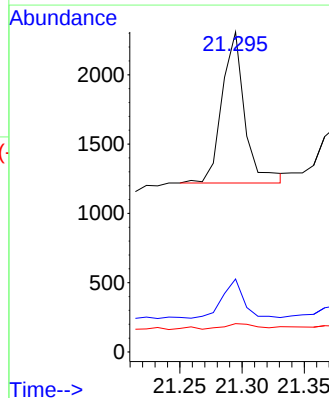
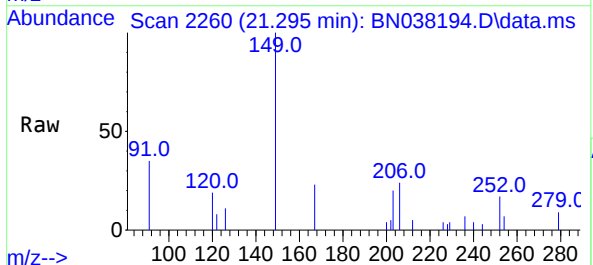
Instrument :
BNA_N
ClientSampleId :
MW-12DL

Tgt Ion:244 Resp: 600
Ion Ratio Lower Upper
244 100
212 21.4 7.8 11.6#
122 41.4 15.2 22.8#

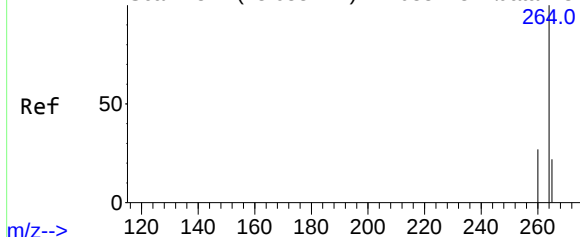


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.051 ng
RT: 21.295 min Scan# 2260
Delta R.T. -0.000 min
Lab File: BN038194.D
Acq: 12 Nov 2025 16:11

Tgt Ion:149 Resp: 1389
Ion Ratio Lower Upper
149 100
167 22.8 21.1 31.7
279 5.1 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: BN038194.D

Acq: 12 Nov 2025 16:11

Instrument :

BNA_N

ClientSampleId :

MW-12DL

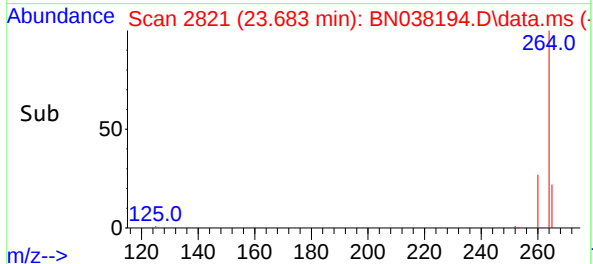
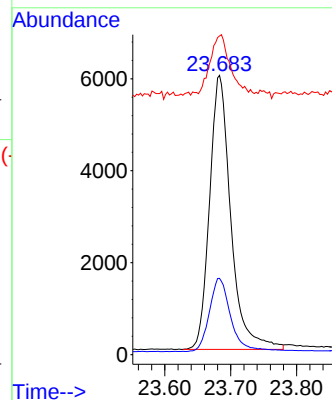
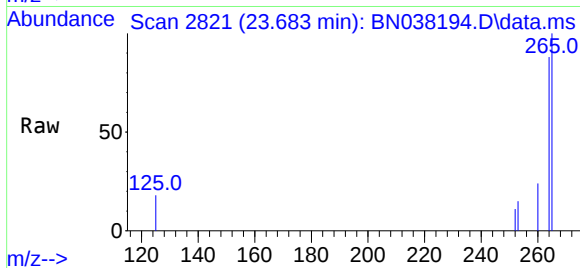
Tgt Ion:264 Resp: 13395

Ion Ratio Lower Upper

264 100

260 27.3 21.8 32.8

265 114.1 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

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

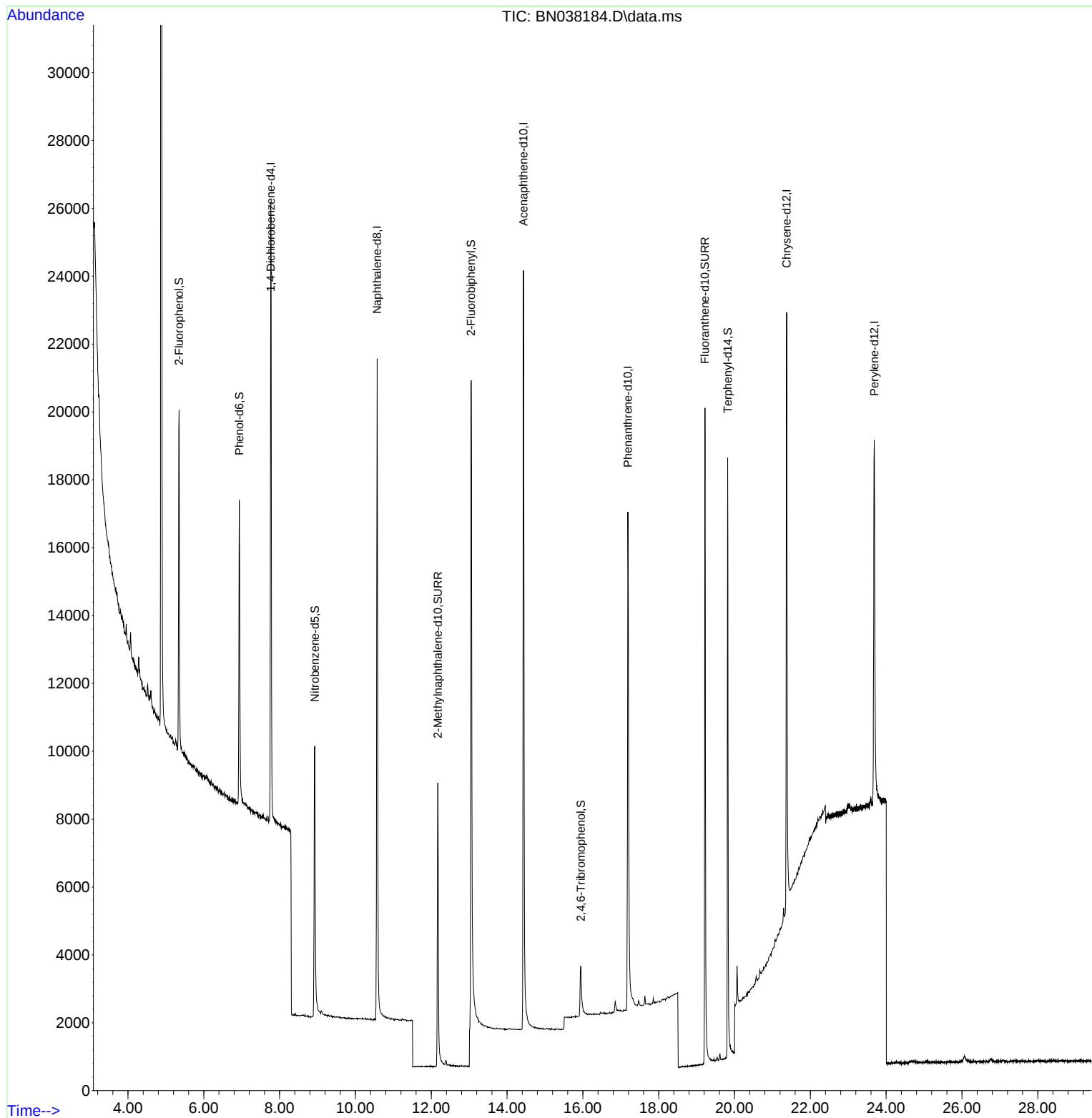
Target Compounds	Qvalue
-----	-----

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

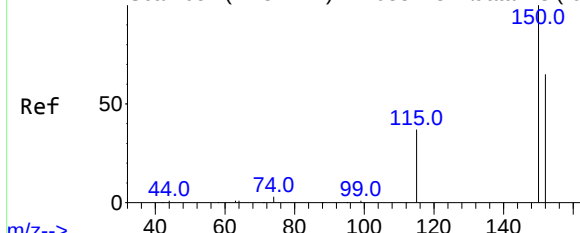
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111225\
Data File : BN038184.D
Acq On : 12 Nov 2025 10:07
Operator : RC/JU
Sample : PB170483BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

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

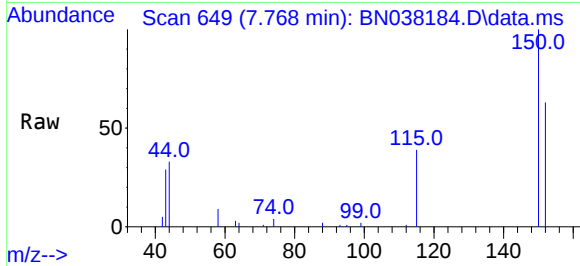
Instrument :

BNA_N

ClientSampleId :

PB170483BL

m/z--> Abundance Scan 649 (7.768 min): BN038184.D\data.ms



Tgt Ion:152 Resp: 9479

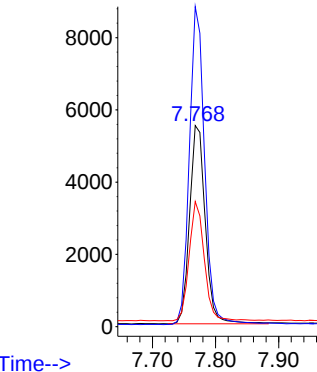
Ion Ratio Lower Upper

152 100

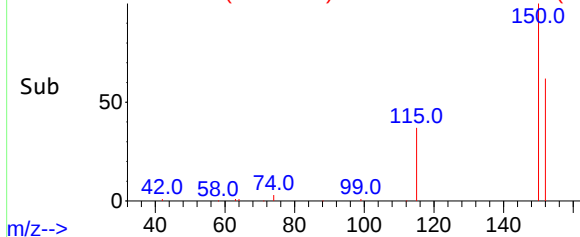
150 159.1 122.3 183.5

115 62.2 47.4 71.0

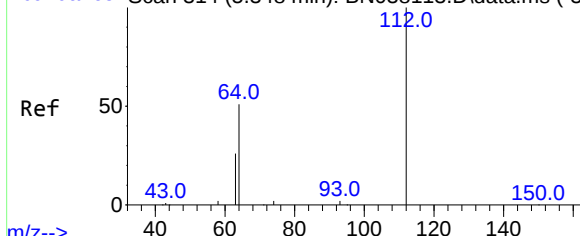
Abundance



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

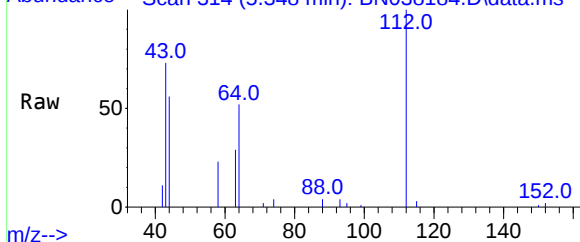
Ion Ratio Lower Upper

112 100

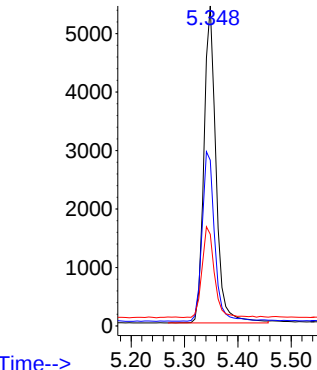
64 55.6 45.4 68.0

63 29.4 23.2 34.8

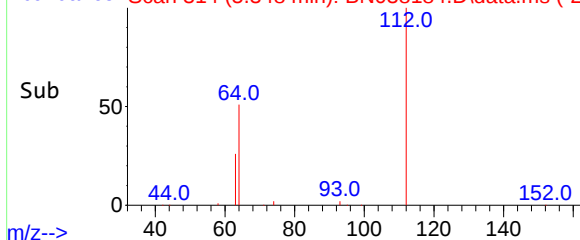
m/z--> Abundance Scan 314 (5.348 min): BN038184.D\data.ms



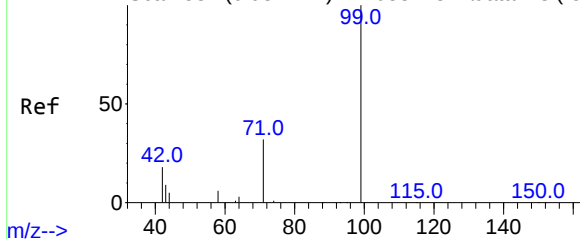
Abundance



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 :

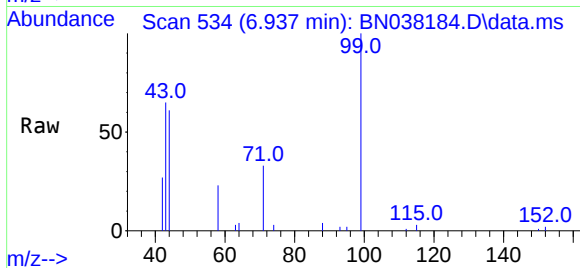
BNA_N

ClientSampleId :

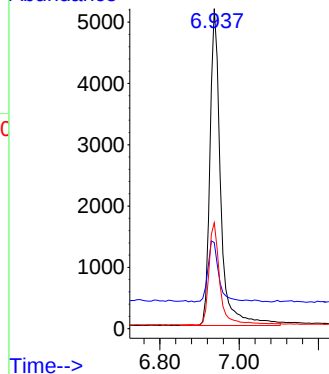
PB170483BL

Tgt Ion: 99 Resp: 9697

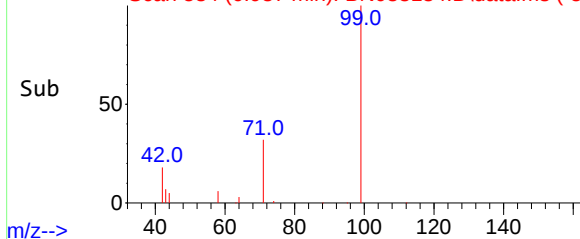
Ion	Ratio	Lower	Upper
99	100		
42	19.5	16.6	24.8
71	32.8	25.4	38.2



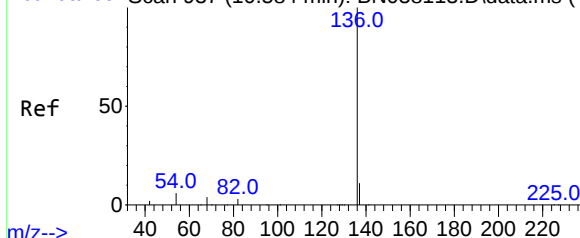
Abundance



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

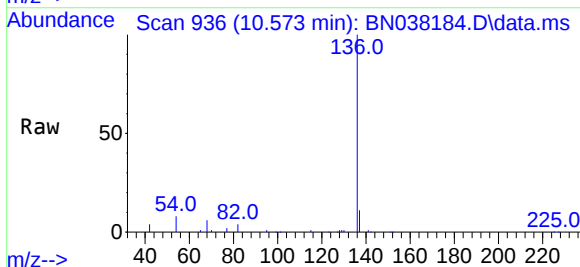
Delta R.T. 0.000 min

Lab File: BN038184.D

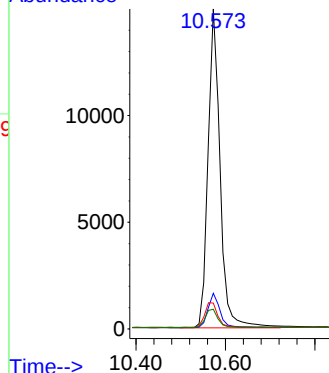
Acq: 12 Nov 2025 10:07

Tgt Ion: 136 Resp: 27842

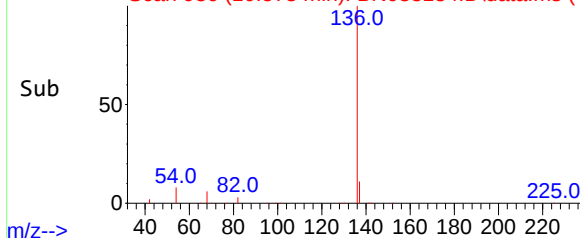
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	8.1	5.2	7.8#
68	6.1	4.1	6.1#



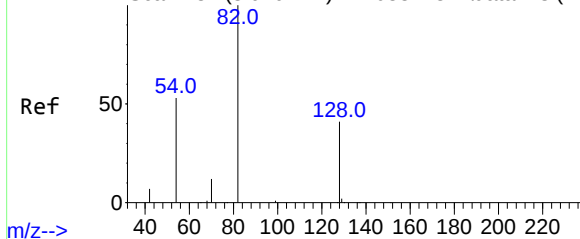
Abundance



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

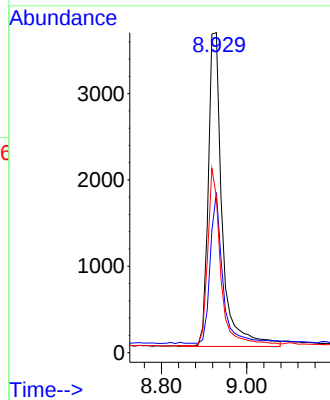
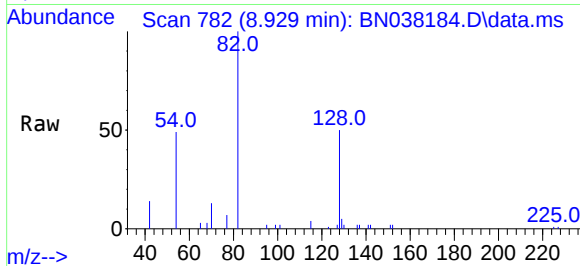
Tgt Ion: 82 Resp: 8268

Ion Ratio Lower Upper

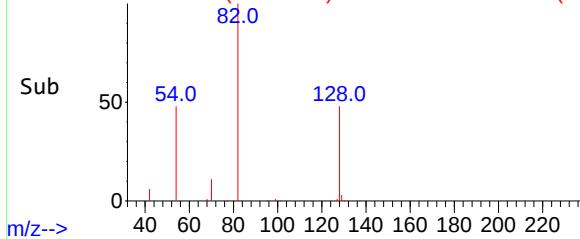
82 100

128 50.0 34.1 51.1

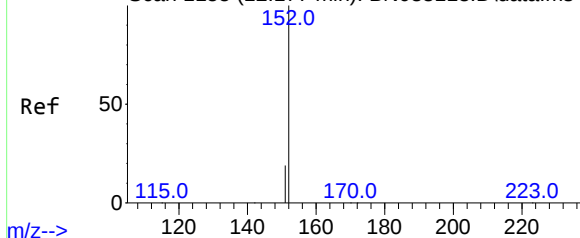
54 48.8 43.5 65.3



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

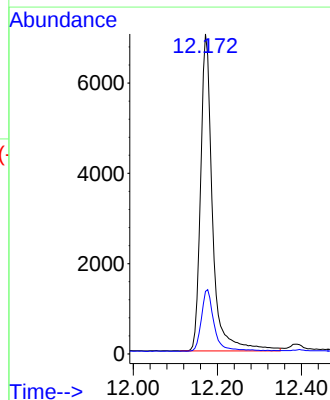
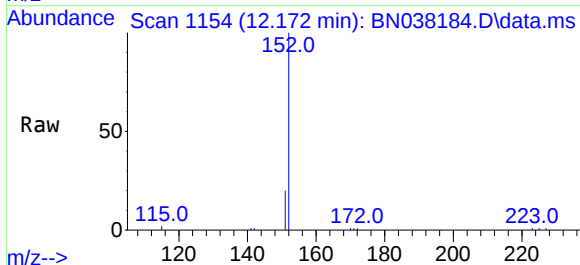
Acq: 12 Nov 2025 10:07

Tgt Ion: 152 Resp: 13840

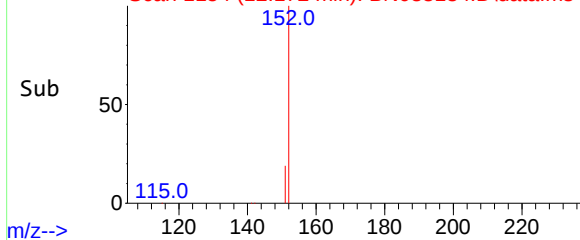
Ion Ratio Lower Upper

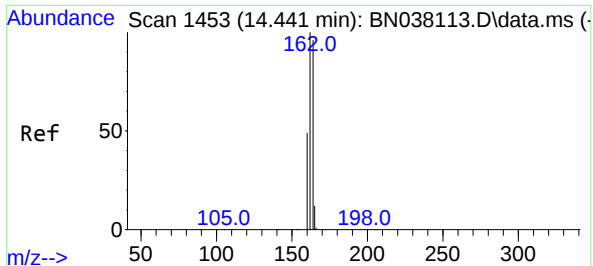
152 100

151 20.7 16.8 25.2



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

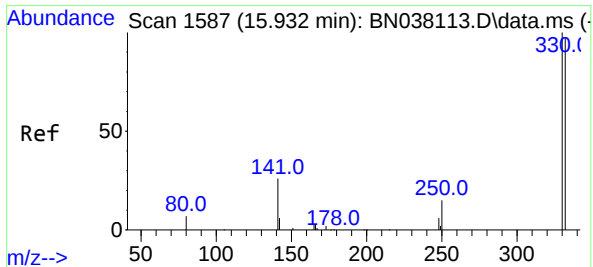
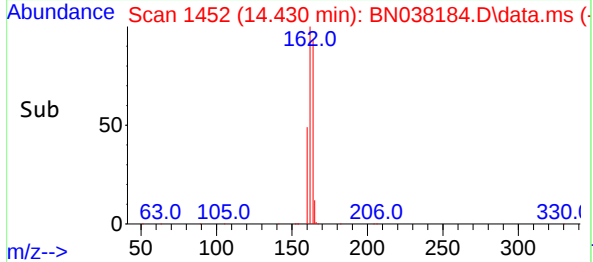
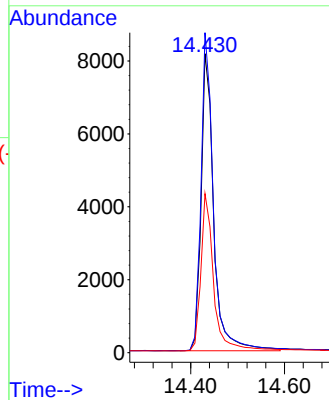
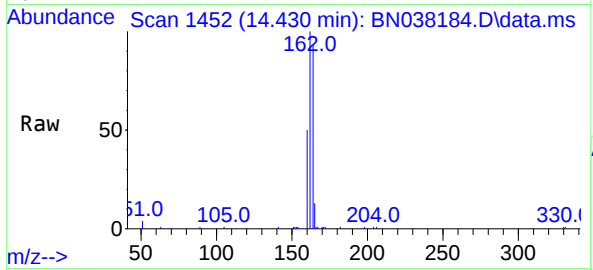




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 1453
Delta R.T. 0.000 min
Lab File: BN038184.D
Acq: 12 Nov 2025 10:07

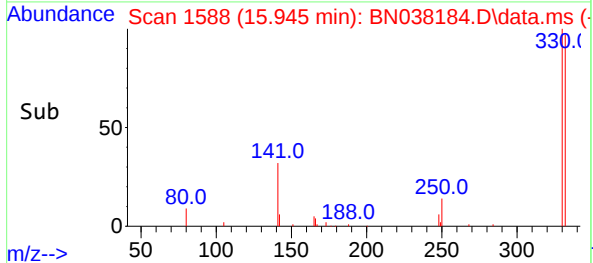
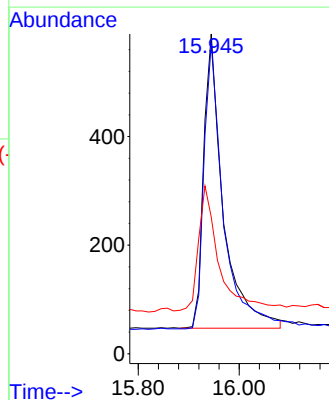
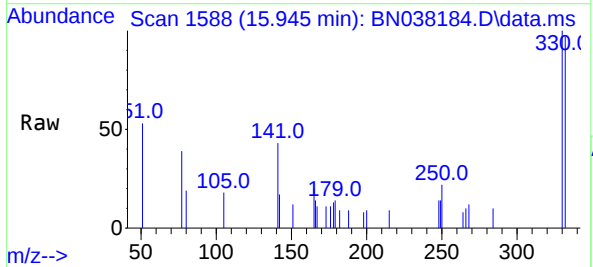
Instrument :
BNA_N
ClientSampleId :
PB170483BL

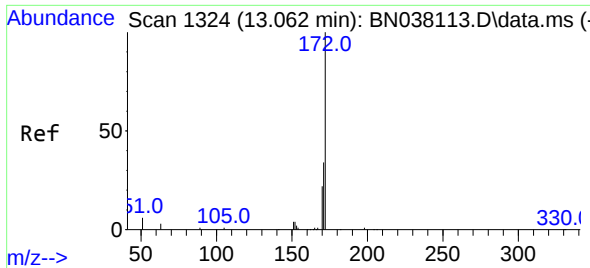
Tgt Ion:164 Resp: 15234
Ion Ratio Lower Upper
164 100
162 107.0 83.0 124.4
160 53.2 40.7 61.1



#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

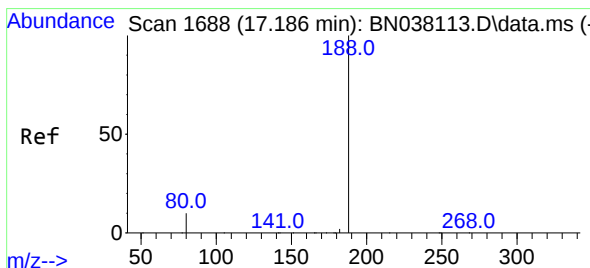
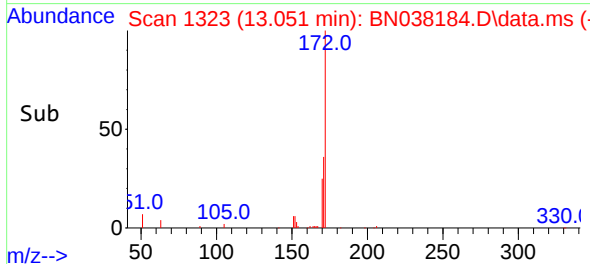
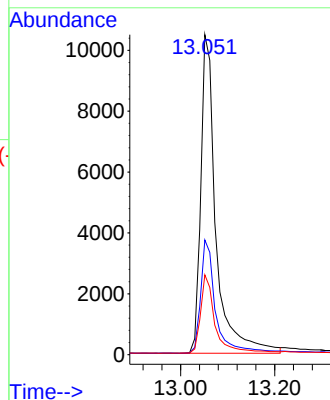
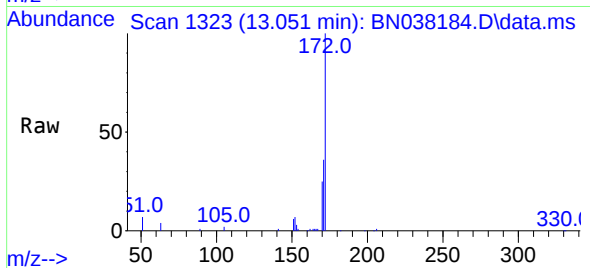




#15
2-Fluorobiphenyl
Concen: 0.367 ng
RT: 13.051 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN038184.D
Acq: 12 Nov 2025 10:07

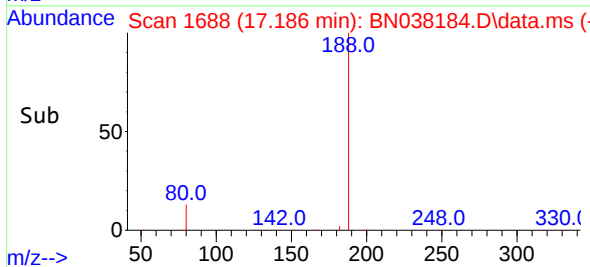
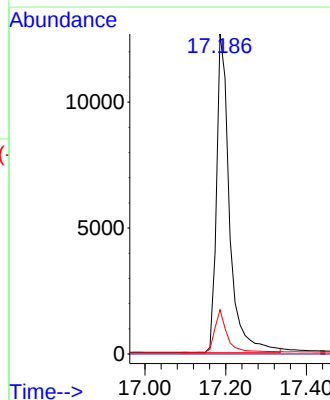
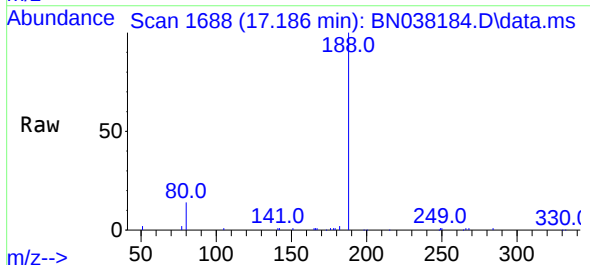
Instrument :
BNA_N
ClientSampleId :
PB170483BL

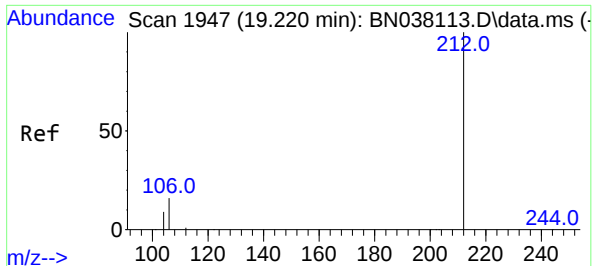
Tgt Ion:	172	Resp:	22378
Ion Ratio	Lower	Upper	
172	100		
171	35.9	27.8	41.6
170	24.9	18.1	27.1



#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

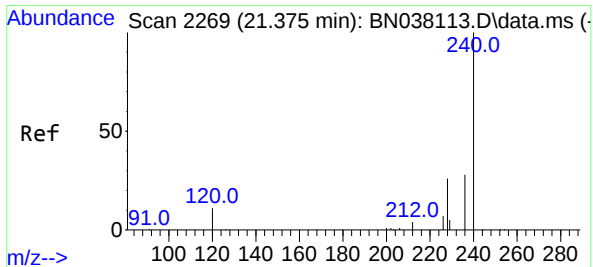
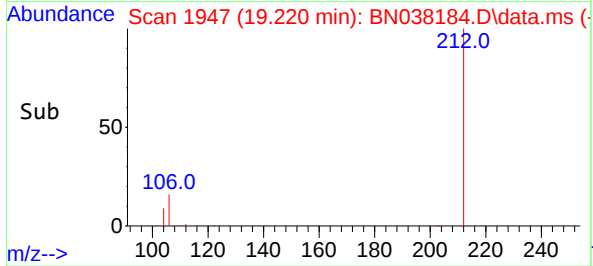
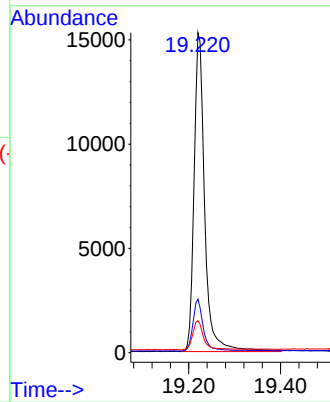
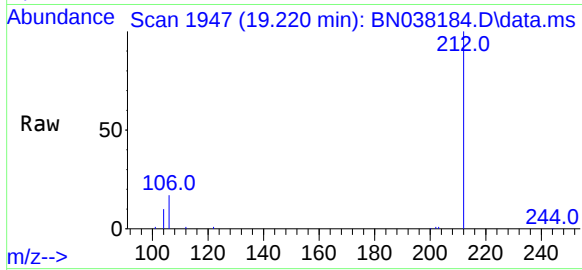
Tgt Ion:212 Resp: 24538

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

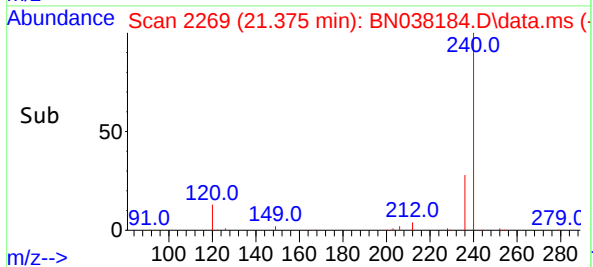
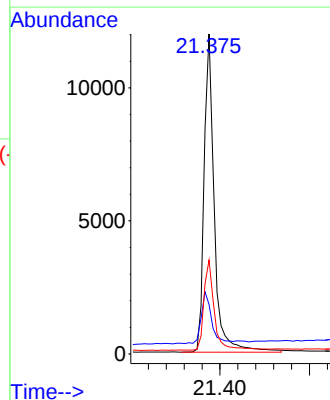
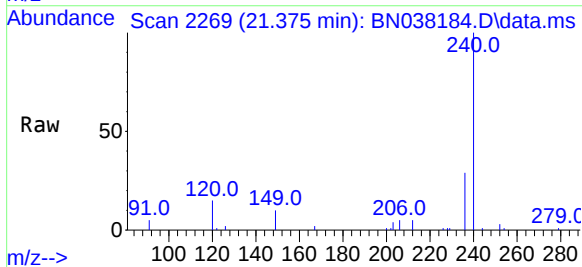
Tgt Ion:240 Resp: 18990

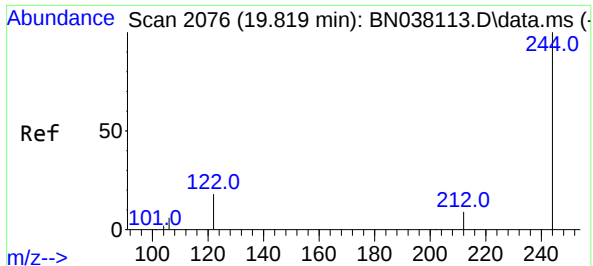
Ion Ratio Lower Upper

240 100

120 15.4 10.7 16.1

236 29.3 23.1 34.7

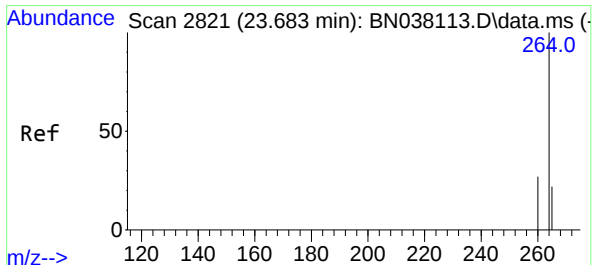
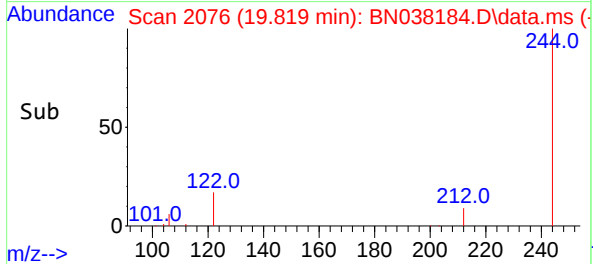
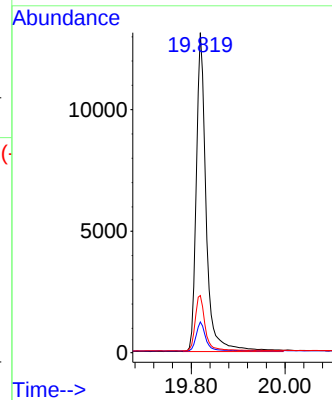
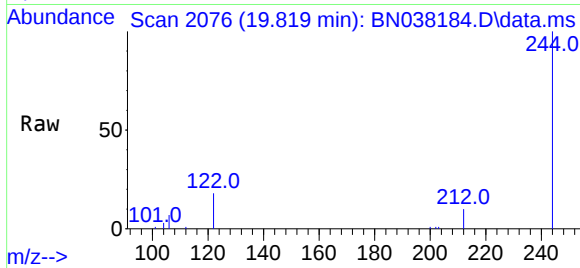




#31
Terphenyl-d14
Concen: 0.464 ng
RT: 19.819 min Scan# 2076
Delta R.T. 0.000 min
Lab File: BN038184.D
Acq: 12 Nov 2025 10:07

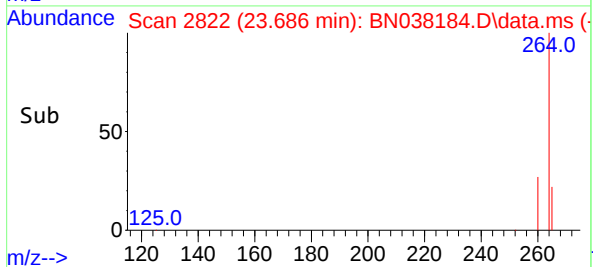
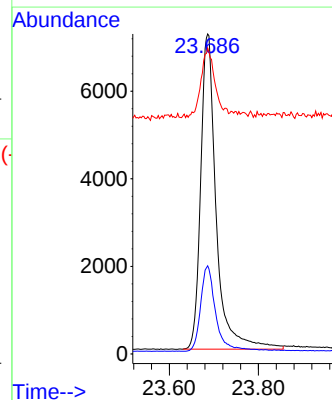
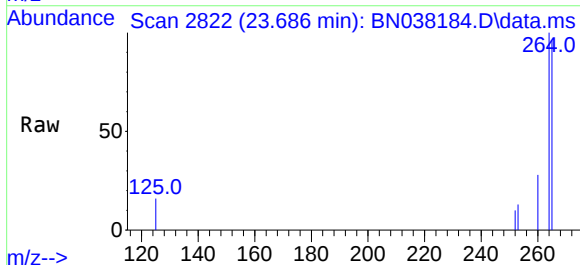
Instrument :
BNA_N
ClientSampleId :
PB170483BL

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

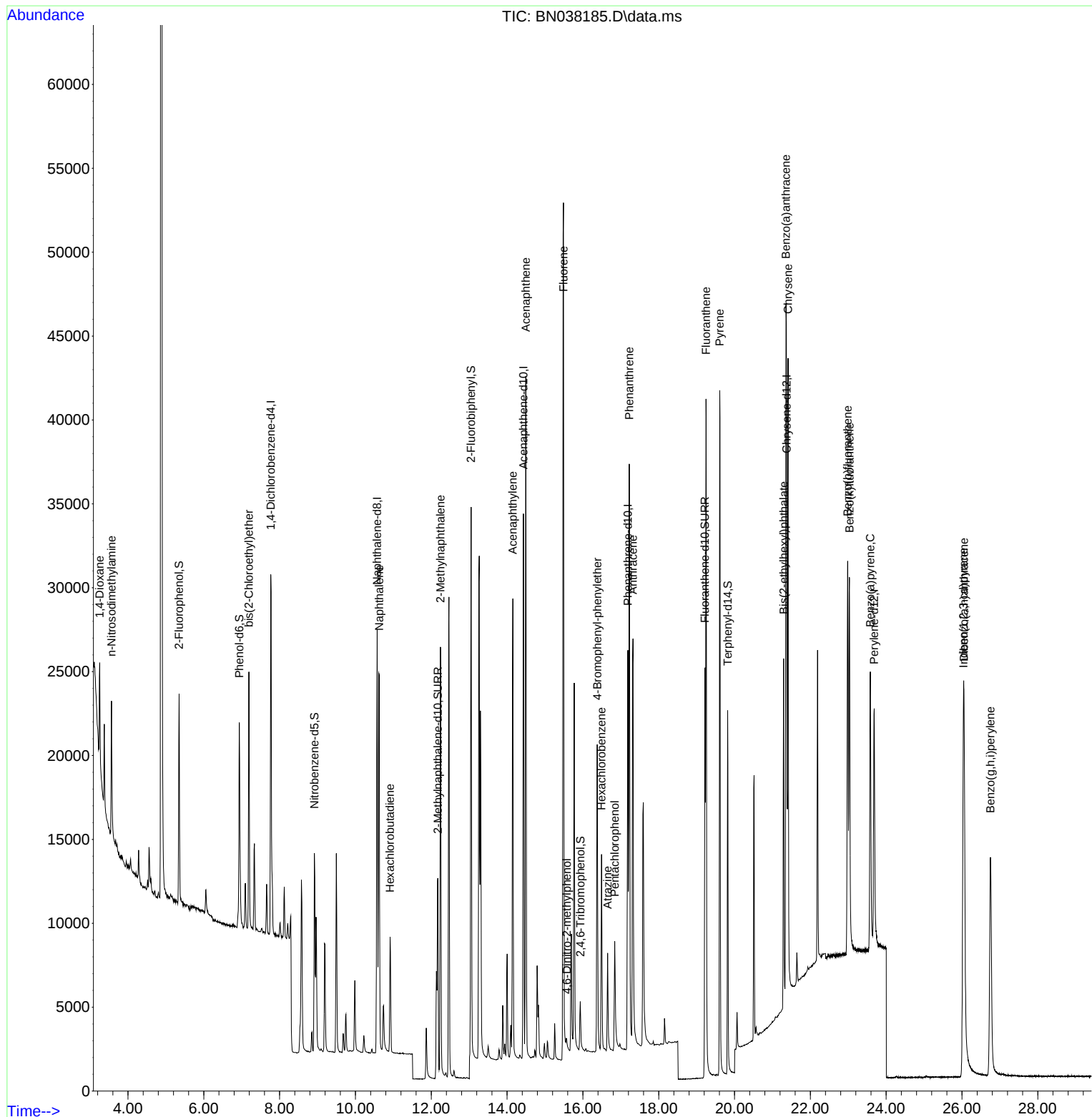
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.768	152	11079	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	33638	0.400	ng	0.00
13) Acenaphthene-d10	14.430	164	18281	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	33841	0.400	ng	0.00
29) Chrysene-d12	21.375	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

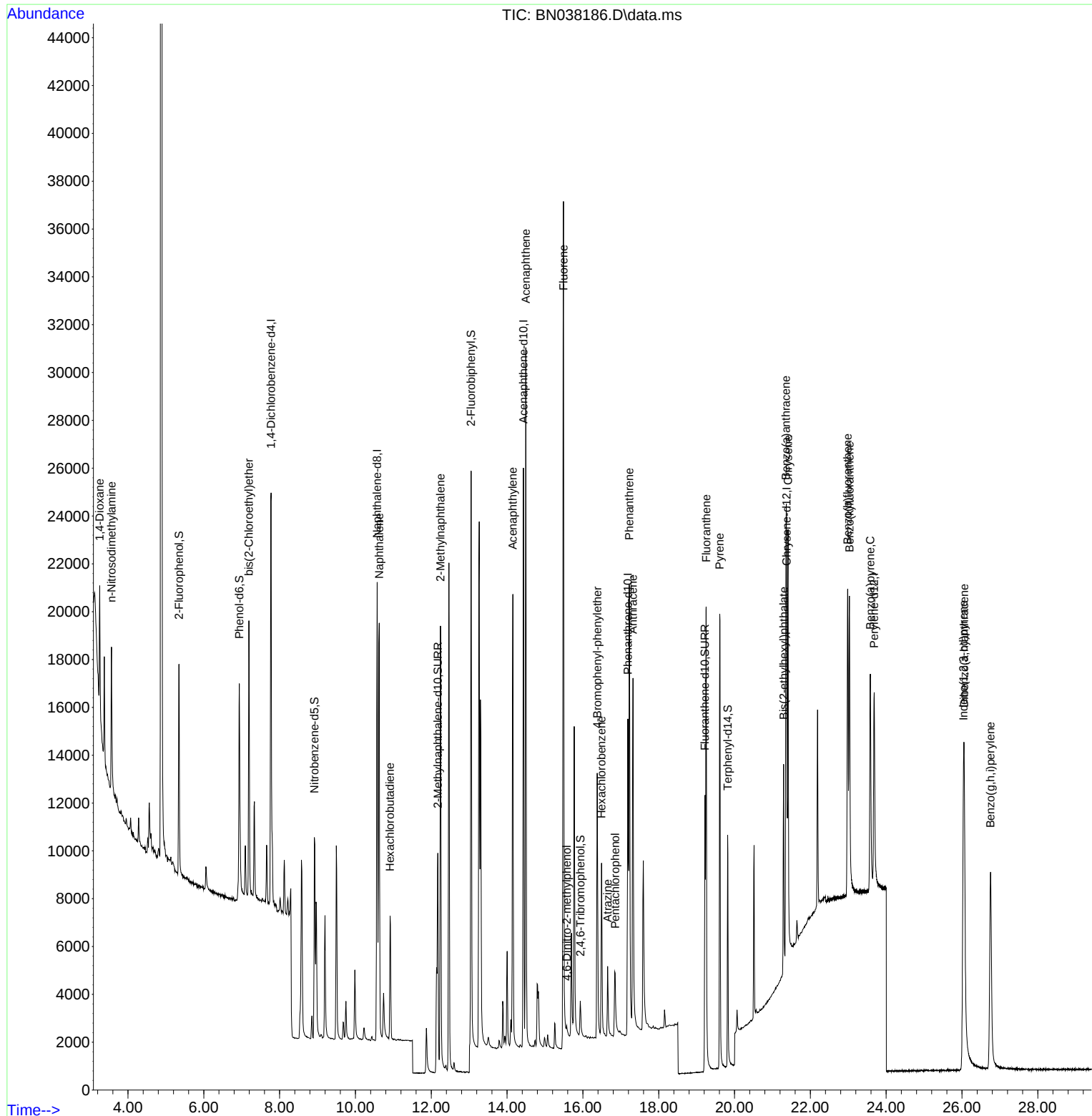
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	9171	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	26214	0.400	ng	0.00
13) Acenaphthene-d10	14.430	164	13453	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	20310	0.400	ng	0.00
29) Chrysene-d12	21.375	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						
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
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC0.8	BN038114.D	Benzo(b)fluoranthene	rahul	10/29/2025 9:43:43 AM	mohammad	10/30/2025 5:29:45 AM	Peak Integrated by Software



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

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 # 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

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:	Q3569	OrderDate:	11/6/2025 3:21:00 PM
Client:	Remington & Vernick Engineers	Project:	Edison Landfill
Contact:	Kyle Carlson	Location:	J22,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3569-01	MW-2	Water	SVOC-SIMGroup1	8270-Modified	11/05/25	11/11/25	11/12/25	11/06/25
Q3569-01DL	MW-2DL	Water	SVOC-SIMGroup1	8270-Modified	11/05/25	11/11/25	11/12/25	11/06/25
Q3569-02	MW-12	Water	SVOC-SIMGroup1	8270-Modified	11/05/25	11/11/25	11/12/25	11/06/25
Q3569-02DL	MW-12DL	Water	SVOC-SIMGroup1	8270-Modified	11/05/25	11/11/25	11/12/25	11/06/25