



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

Hit Summary Sheet SW-846

SDG No.: Q3757

Client: JACOBS Engineering Group, Inc.

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID :	BR-03D-490-120325							
Q3757-03	BR-03D-490-120325	WATER	1,4-Dioxane	20.800	E	0.07	0.22	ug/L
			Total Svoc :			20.80		
			Total Concentration:			20.80		
Client ID :	BR-03D-490-120325DL							
Q3757-03DL	BR-03D-490-120325DL	WATER	1,4-Dioxane	24.100	D	0.73	2.2	ug/L
			Total Svoc :			24.10		
			Total Concentration:			24.10		
Client ID :	OW-05B-72-120325							
Q3757-09	OW-05B-72-120325	WATER	1,4-Dioxane	1.100		0.07	0.21	ug/L
			Total Svoc :			1.10		
			Total Concentration:			1.10		



SAMPLE DATA



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Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	12/03/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	12/03/25
Client Sample ID:	MW-14A-17.5-120325	SDG No.:	Q3757
Lab Sample ID:	Q3757-01	Matrix:	Water
Analytical Method:	SW8270ESIM Level: LOW	% Solid:	0
Sample Wt/Vol:	890 mL Final Vol: 1000 uL	Test:	SVOC-SIMGroup1
Prep Method :	3510C Prep Date: 12/05/25		

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	0.22	ug/L	12/06/25 05:11	PB170838
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.28			30 (47) - 150 (106)	70%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.43			30 (54) - 150 (157)	108%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.33			30 (56) - 130 (116)	82%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.35			30 (50) - 130 (126)	87%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.48			30 (54) - 130 (175)	120%	SPK: 0.4		
INTERNAL STANDARDS									
		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	6820							
1146-65-2	Naphthalene-d8	19700							
15067-26-2	Acenaphthene-d10	9390							
1517-22-2	Phenanthrene-d10	14400							
1719-03-5	Chrysene-d12	11300							
1520-96-3	Perylene-d12	11300							

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



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Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	12/03/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	12/03/25
Client Sample ID:	BR-03D-490-120325	SDG No.:	Q3757
Lab Sample ID:	Q3757-03	Matrix:	Water
Analytical Method:	SW8270ESIM Level: LOW	% Solid:	0
Sample Wt/Vol:	910 mL Final Vol: 1000 uL	Test:	SVOC-SIMGroup1
Prep Method :	3510C Prep Date: 12/05/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
123-91-1	1,4-Dioxane	20.8	E	1	0.070	0.22	ug/L	12/11/25 12:25	PB170838
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.31			30 (47) - 150 (106)	77%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.37			30 (54) - 150 (157)	92%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.34			30 (56) - 130 (116)	86%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.33			30 (50) - 130 (126)	82%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.43			30 (54) - 130 (175)	107%	SPK: 0.4		
INTERNAL STANDARDS		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	7420							
1146-65-2	Naphthalene-d8	20100							
15067-26-2	Acenaphthene-d10	10700							
1517-22-2	Phenanthrene-d10	20000							
1719-03-5	Chrysene-d12	14300							
1520-96-3	Perylene-d12	14600							

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Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	12/03/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	12/03/25
Client Sample ID:	BR-03D-490-120325DL	SDG No.:	Q3757
Lab Sample ID:	Q3757-03DL	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	910 mL	Test:	SVOC-SIMGroup1
Prep Method :	3510C		
	Level: LOW		
	Final Vol: 1000 uL		
	Prep Date: 12/05/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
123-91-1	1,4-Dioxane	24.1	D	10	0.73	2.20	ug/L	12/12/25 01:49	PB170838
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.34			30 (47) - 150 (106)	85%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.42			30 (54) - 150 (157)	105%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.35			30 (56) - 130 (116)	88%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.41			30 (50) - 130 (126)	102%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.72	*		30 (54) - 130 (175)	180%	SPK: 0.4		
INTERNAL STANDARDS									
		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	4720							
1146-65-2	Naphthalene-d8	12800							
15067-26-2	Acenaphthene-d10	6800							
1517-22-2	Phenanthrene-d10	13100							
1719-03-5	Chrysene-d12	10100							
1520-96-3	Perylene-d12	10200							

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Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	12/03/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	12/03/25
Client Sample ID:	MW-14B-46-120325	SDG No.:	Q3757
Lab Sample ID:	Q3757-05	Matrix:	Water
Analytical Method:	SW8270ESIM Level: LOW	% Solid:	0
Sample Wt/Vol:	920 mL Final Vol: 1000 uL	Test:	SVOC-SIMGroup1
Prep Method :	3510C Prep Date: 12/05/25		

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	0.22	ug/L	12/11/25 13:01	PB170838
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.33			30 (47) - 150 (106)	83%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.42			30 (54) - 150 (157)	106%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.36			30 (56) - 130 (116)	90%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.34			30 (50) - 130 (126)	84%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.44			30 (54) - 130 (175)	109%	SPK: 0.4		
INTERNAL STANDARDS									
		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	5540							
1146-65-2	Naphthalene-d8	15300							
15067-26-2	Acenaphthene-d10	7970							
1517-22-2	Phenanthrene-d10	14800							
1719-03-5	Chrysene-d12	12300							
1520-96-3	Perylene-d12	11100							

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Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	12/03/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	12/03/25
Client Sample ID:	RMW-05B-90.5-120325	SDG No.:	Q3757
Lab Sample ID:	Q3757-07	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	970 mL	Test:	SVOC-SIMGroup1
Prep Method :	3510C		
	Level: LOW		
	Final Vol: 1000 uL		
	Prep Date: 12/05/25		

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	0.21	ug/L	12/11/25 13:38	PB170838
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.32			30 (47) - 150 (106)	79%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.43			30 (54) - 150 (157)	106%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.36			30 (56) - 130 (116)	90%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.34			30 (50) - 130 (126)	84%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.46			30 (54) - 130 (175)	114%	SPK: 0.4		
INTERNAL STANDARDS									
		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	5200							
1146-65-2	Naphthalene-d8	14300							
15067-26-2	Acenaphthene-d10	7400							
1517-22-2	Phenanthrene-d10	13200							
1719-03-5	Chrysene-d12	10500							
1520-96-3	Perylene-d12	10400							

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Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	12/03/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	12/03/25
Client Sample ID:	OW-05B-72-120325	SDG No.:	Q3757
Lab Sample ID:	Q3757-09	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: 12/05/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
123-91-1	1,4-Dioxane	1.10		1	0.070	0.21	ug/L	12/11/25 14:14	PB170838
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.29			30 (47) - 150 (106)	72%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.39			30 (54) - 150 (157)	97%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.34			30 (56) - 130 (116)	86%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.30			30 (50) - 130 (126)	76%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.44			30 (54) - 130 (175)	109%	SPK: 0.4		
INTERNAL STANDARDS		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	5450							
1146-65-2	Naphthalene-d8	14400							
15067-26-2	Acenaphthene-d10	7360							
1517-22-2	Phenanthrene-d10	13300							
1719-03-5	Chrysene-d12	10400							
1520-96-3	Perylene-d12	10500							

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Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	12/03/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	12/03/25
Client Sample ID:	EB01-120325	SDG No.:	Q3757
Lab Sample ID:	Q3757-11	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	870 mL	Test:	SVOC-SIMGroup1
Prep Method :	3510C		
	Level: LOW		
	Final Vol: 1000 uL		
	Prep Date: 12/05/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
123-91-1	1,4-Dioxane	0.080	U	1	0.080	0.23	ug/L	12/11/25 14:50	PB170838
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.29			30 (47) - 150 (106)	73%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.40			30 (54) - 150 (157)	100%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.36			30 (56) - 130 (116)	90%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.29			30 (50) - 130 (126)	73%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.50			30 (54) - 130 (175)	125%	SPK: 0.4		
INTERNAL STANDARDS									
		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	5460							
1146-65-2	Naphthalene-d8	14100							
15067-26-2	Acenaphthene-d10	7230							
1517-22-2	Phenanthrene-d10	13000							
1719-03-5	Chrysene-d12	10000							
1520-96-3	Perylene-d12	10200							

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QC SUMMARY

Surrogate Summary

SW-846

SDG No.: Q3757

Client: JACOBS Engineering Group, Inc.

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
PB170838BL	PB170838BL	2-Methylnaphthalene-d10	0.4	0.31	78		30 (47)	150 (106)
		Fluoranthene-d10	0.4	0.40	99		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.36	91		30 (56)	130 (116)
		2-Fluorobiphenyl	0.4	0.38	95		30 (50)	130 (126)
		Terphenyl-d14	0.4	0.35	87		30 (54)	130 (175)
PB170838BS	PB170838BS	2-Methylnaphthalene-d10	0.4	0.40	100		30 (47)	150 (106)
		Fluoranthene-d10	0.4	0.42	104		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.42	106		30 (56)	130 (116)
		2-Fluorobiphenyl	0.4	0.47	118		30 (50)	130 (126)
		Terphenyl-d14	0.4	0.36	91		30 (54)	130 (175)
PB170838BSD	PB170838BSD	2-Methylnaphthalene-d10	0.4	0.34	84		30 (47)	150 (106)
		Fluoranthene-d10	0.4	0.39	97		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.37	91		30 (56)	130 (116)
		2-Fluorobiphenyl	0.4	0.40	101		30 (50)	130 (126)
		Terphenyl-d14	0.4	0.34	84		30 (54)	130 (175)
Q3757-01	MW-14A-17.5-120325	2-Methylnaphthalene-d10	0.4	0.28	70		30 (47)	150 (106)
		Fluoranthene-d10	0.4	0.43	108		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.33	82		30 (56)	130 (116)
		2-Fluorobiphenyl	0.4	0.35	87		30 (50)	130 (126)
		Terphenyl-d14	0.4	0.48	120		30 (54)	130 (175)
Q3757-03	BR-03D-490-120325	2-Methylnaphthalene-d10	0.4	0.31	77		30 (47)	150 (106)
		Fluoranthene-d10	0.4	0.37	92		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.34	86		30 (56)	130 (116)
		2-Fluorobiphenyl	0.4	0.33	82		30 (50)	130 (126)
		Terphenyl-d14	0.4	0.43	107		30 (54)	130 (175)
Q3757-03DL	BR-03D-490-120325DL	2-Methylnaphthalene-d10	0.4	0.34	85		30 (47)	150 (106)
		Fluoranthene-d10	0.4	0.42	105		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.35	88		30 (56)	130 (116)
		2-Fluorobiphenyl	0.4	0.41	102		30 (50)	130 (126)
		Terphenyl-d14	0.4	0.72	180	*	30 (54)	130 (175)
Q3757-05	MW-14B-46-120325	2-Methylnaphthalene-d10	0.4	0.33	83		30 (47)	150 (106)
		Fluoranthene-d10	0.4	0.42	106		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.36	90		30 (56)	130 (116)
		2-Fluorobiphenyl	0.4	0.34	84		30 (50)	130 (126)
		Terphenyl-d14	0.4	0.44	109		30 (54)	130 (175)
Q3757-07	RMW-05B-90.5-120325	2-Methylnaphthalene-d10	0.4	0.32	79		30 (47)	150 (106)
		Fluoranthene-d10	0.4	0.43	106		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.36	90		30 (56)	130 (116)
		2-Fluorobiphenyl	0.4	0.34	84		30 (50)	130 (126)
		Terphenyl-d14	0.4	0.46	114		30 (54)	130 (175)
Q3757-09	OW-05B-72-120325	2-Methylnaphthalene-d10	0.4	0.29	72		30 (47)	150 (106)
		Fluoranthene-d10	0.4	0.39	97		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.34	86		30 (56)	130 (116)
		2-Fluorobiphenyl	0.4	0.30	76		30 (50)	130 (126)
		Terphenyl-d14	0.4	0.44	109		30 (54)	130 (175)
Q3757-11	EB01-120325	2-Methylnaphthalene-d10	0.4	0.29	73		30 (47)	150 (106)
		Fluoranthene-d10	0.4	0.40	100		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.36	90		30 (56)	130 (116)
		2-Fluorobiphenyl	0.4	0.29	73		30 (50)	130 (126)
		Terphenyl-d14	0.4	0.50	125		30 (54)	130 (175)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3757

Analytical Method: 8270-Modified

Client: JACOBS Engineering Group, Inc.

DataFile: BN038289.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB170838BS	1,4-Dioxane	0.4	0.33	ug/L	83				20 (65)	160 (116)	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3757

Analytical Method: 8270-Modified

Client: JACOBS Engineering Group, Inc.

DataFile: BN038290.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		
								Qual	Low	High	RPD
PB170838BSD	1,4-Dioxane	0.4	0.31	ug/L	78	6			20 (65)	160 (116)	20 (27)

4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID

PB170838BL

Lab Name: Alliance

Contract: JAC005

Lab Code: ACE

SDG NO.: Q3757

Lab File ID: BN038288.D

Lab Sample ID: PB170838BL

Instrument ID: BNA_N

Date Extracted: 12/05/2025

Matrix: (soil/water) Water

Date Analyzed: 12/06/2025

Level: (low/med) LOW

Time Analyzed: 00:19

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB170838BS	PB170838BS	BN038289.D	12/06/2025
PB170838BSD	PB170838BSD	BN038290.D	12/06/2025
MW-14A-17.5-120325	Q3757-01	BN038296.D	12/06/2025
BR-03D-490-120325	Q3757-03	BN038313.D	12/11/2025
MW-14B-46-120325	Q3757-05	BN038314.D	12/11/2025
RMW-05B-90.5-120325	Q3757-07	BN038315.D	12/11/2025
OW-05B-72-120325	Q3757-09	BN038316.D	12/11/2025
EB01-120325	Q3757-11	BN038317.D	12/11/2025

COMMENTS: _____

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BN038211.D
Instrument ID: BNA_N

Contract: JAC005
SDG NO.: Q3757
DFTPP Injection Date: 11/26/2025
DFTPP Injection Time: 19:55

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.6 (1.8) 1
69	Mass 69 relative abundance	35.7
70	Less than 2.0% of mass 69	0.2 (0.5) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	14.5
442	Greater than 50% of mass 198	90.9
443	15.0 - 24.0% of mass 442	18.4 (20.3) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC0.1	SSTDICC0.1	BN038212.D	11/26/2025	20:35
SSTDICC0.2	SSTDICC0.2	BN038213.D	11/26/2025	21:12
SSTDICCC0.4	SSTDICCC0.4	BN038214.D	11/26/2025	21:48
SSTDICC0.8	SSTDICC0.8	BN038215.D	11/26/2025	22:25
SSTDICC1.6	SSTDICC1.6	BN038216.D	11/26/2025	23:01
SSTDICC3.2	SSTDICC3.2	BN038217.D	11/26/2025	23:37
SSTDICC5.0	SSTDICC5.0	BN038218.D	11/27/2025	00:13

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BN038286.D
Instrument ID: BNA_N

Contract: JAC005
SDG NO.: Q3757
DFTPP Injection Date: 12/05/2025
DFTPP Injection Time: 22:23

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.8 (2) 1
69	Mass 69 relative abundance	41.1
70	Less than 2.0% of mass 69	0.2 (0.5) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
365	Greater than 1% of mass 198	3.2
441	Present, but less than mass 443	13.2
442	Greater than 50% of mass 198	86.9
443	15.0 - 24.0% of mass 442	15.2 (17.5) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC0.4	SSTDCCC0.4	BN038287.D	12/05/2025	23:42
PB170838BL	PB170838BL	BN038288.D	12/06/2025	00:19
PB170838BS	PB170838BS	BN038289.D	12/06/2025	00:55
PB170838BSD	PB170838BSD	BN038290.D	12/06/2025	01:32
MW-14A-17.5-120325	Q3757-01	BN038296.D	12/06/2025	05:11

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BN038297.D
Instrument ID: BNA_N

Contract: JAC005
SDG NO.: Q3757
DFTPP Injection Date: 12/10/2025
DFTPP Injection Time: 09:12

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.6 (1.7) 1
69	Mass 69 relative abundance	37.2
70	Less than 2.0% of mass 69	0.2 (0.5) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	14.8
442	Greater than 50% of mass 198	92.6
443	15.0 - 24.0% of mass 442	16.9 (18.2) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC0.1	SSTDICC0.1	BN038298.D	12/10/2025	09:52
SSTDICC0.2	SSTDICC0.2	BN038299.D	12/10/2025	10:28
SSTDICCC0.4	SSTDICCC0.4	BN038300.D	12/10/2025	11:05
SSTDICC0.8	SSTDICC0.8	BN038301.D	12/10/2025	11:41
SSTDICC1.6	SSTDICC1.6	BN038302.D	12/10/2025	12:17
SSTDICC3.2	SSTDICC3.2	BN038303.D	12/10/2025	12:53
SSTDICC5.0	SSTDICC5.0	BN038304.D	12/10/2025	13:30

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BN038310.D
Instrument ID: BNA_N

Contract: JAC005
SDG NO.: Q3757
DFTPP Injection Date: 12/11/2025
DFTPP Injection Time: 10:33

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.2) 1
69	Mass 69 relative abundance	36.8
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	6.6
365	Greater than 1% of mass 198	3.2
441	Present, but less than mass 443	13
442	Greater than 50% of mass 198	87.3
443	15.0 - 24.0% of mass 442	16.6 (19) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC0.4	SSTDCCC0.4	BN038311.D	12/11/2025	11:13
BR-03D-490-120325	Q3757-03	BN038313.D	12/11/2025	12:25
MW-14B-46-120325	Q3757-05	BN038314.D	12/11/2025	13:01
RMW-05B-90.5-120325	Q3757-07	BN038315.D	12/11/2025	13:38
OW-05B-72-120325	Q3757-09	BN038316.D	12/11/2025	14:14
EB01-120325	Q3757-11	BN038317.D	12/11/2025	14:50

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BN038329.D
Instrument ID: BNA_N

Contract: JAC005
SDG NO.: Q3757
DFTPP Injection Date: 12/11/2025
DFTPP Injection Time: 23:20

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	37.8
70	Less than 2.0% of mass 69	0.2 (0.5) 1
197	Less than 2.0% of mass 198	0.1
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
365	Greater than 1% of mass 198	3.7
441	Present, but less than mass 443	15.3
442	Greater than 50% of mass 198	95.1
443	15.0 - 24.0% of mass 442	18.9 (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
SSTDCCC0.4	SSTDCCC0.4	BN038330.D	12/11/2025	23:59
BR-03D-490-120325DL	Q3757-03DL	BN038333.D	12/12/2025	01:49

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3757

Client ID : SSTDCCC0.4

Date Analyzed: 12/05/2025

Lab File ID: BN038287.D

Time Analyzed: 23:42

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	6906	7.761	20829	10.56	10600	14.42
UPPER LIMIT	13812	8.261	41658	11.062	21200	14.92
LOWER LIMIT	3453	7.261	10414.5	10.062	5300	13.92
EPA SAMPLE NO.						
01 PB170838BL	7136	7.76	19157	10.56	8410	14.43
02 PB170838BS	7065	7.76	18764	10.56	7890	14.42
03 PB170838BSD	6710	7.76	17808	10.56	7711	14.42
04 MW-14A-17.5-120325	6821	7.76	19695	10.56	9392	14.42

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.: Q3757

Client ID: SSTDCCC0.4

Date Analyzed: 12/05/2025

Lab File ID: BN038287.D

Time Analyzed: 23:42

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	14873	17.173	9751	21.367	10410	23.668
UPPER LIMIT	29746	17.673	19502	21.867	20820	24.168
LOWER LIMIT	7436.5	16.673	4875.5	20.867	5205	23.168
EPA SAMPLE NO.						
01 PB170838BL	11693	17.19	9196	21.38	9718	23.68
02 PB170838BS	11230	17.17	9380	21.37	9467	23.67
03 PB170838BSD	11030	17.17	9170	21.37	9318	23.67
04 MW-14A-17.5-120325	14431	17.17	11258	21.37	11337	23.67

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3757

Client ID : SSTDCCC0.4

Date Analyzed: 12/11/2025

Lab File ID: BN038311.D

Time Analyzed: 11:13

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	6458	7.724	17315	10.53	8838	14.40
UPPER LIMIT	12916	8.224	34630	11.03	17676	14.898
LOWER LIMIT	3229	7.224	8657.5	10.03	4419	13.898
EPA SAMPLE NO.						
01 BR-03D-490-120325	7415	7.72	20111	10.53	10732	14.40
02 MW-14B-46-120325	5537	7.72	15261	10.53	7974	14.40
03 RMW-05B-90.5-120325	5204	7.72	14267	10.53	7400	14.40
04 OW-05B-72-120325	5450	7.72	14372	10.53	7355	14.40
05 EB01-120325	5459	7.72	14139	10.53	7229	14.40

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.: Q3757

Client ID: SSTDCCC0.4

Date Analyzed: 12/11/2025

Lab File ID: BN038311.D

Time Analyzed: 11:13

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	16176	17.148	12783	21.348	13576	23.639
UPPER LIMIT	32352	17.648	25566	21.848	27152	24.139
LOWER LIMIT	8088	16.648	6391.5	20.848	6788	23.139
EPA SAMPLE NO.						
01 BR-03D-490-120325	19954	17.15	14276	21.35	14578	23.64
02 MW-14B-46-120325	14786	17.15	12326	21.35	11109	23.64
03 RMW-05B-90.5-120325	13201	17.15	10541	21.35	10399	23.64
04 OW-05B-72-120325	13319	17.15	10405	21.35	10487	23.64
05 EB01-120325	13027	17.15	10027	21.35	10159	23.64

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3757

Client ID : SSTDCCC0.4

Date Analyzed: 12/11/2025

Lab File ID: BN038330.D

Time Analyzed: 23:59

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	5325	7.724	14404	10.52	7509	14.39
UPPER LIMIT	10650	8.224	28808	11.019	15018	14.887
LOWER LIMIT	2662.5	7.224	7202	10.019	3754.5	13.887
EPA SAMPLE NO.						
01 BR-03D-490-120325DL	4723	7.72	12829	10.53	6799	14.40

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.: Q3757

Client ID: SSTDCCC0.4

Date Analyzed: 12/11/2025

Lab File ID: BN038330.D

Time Analyzed: 23:59

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	13836	17.148	10979	21.339	11587	23.63
UPPER LIMIT	27672	17.648	21958	21.839	23174	24.13
LOWER LIMIT	6918	16.648	5489.5	20.839	5793.5	23.13
EPA SAMPLE NO.						
01 BR-03D-490-120325DL	13086	17.15	10141	21.34	10159	23.63

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



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

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	
Client Sample ID:	PB170838BL	SDG No.:	Q3757
Lab Sample ID:	PB170838BL	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	1000 mL	Test:	SVOC-SIMGroup1
Prep Method :	3510C		
	Level: LOW		
	Final Vol: 1000 uL		
	Prep Date: 12/05/25		

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	12/06/25 00:19	PB170838
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.31			30 (47) - 150 (106)	78%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.40			30 (54) - 150 (157)	99%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.36			30 (56) - 130 (116)	91%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.38			30 (50) - 130 (126)	95%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.35			30 (54) - 130 (175)	87%	SPK: 0.4		
INTERNAL STANDARDS									
		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	7140							
1146-65-2	Naphthalene-d8	19200							
15067-26-2	Acenaphthene-d10	8410							
1517-22-2	Phenanthrene-d10	11700							
1719-03-5	Chrysene-d12	9200							
1520-96-3	Perylene-d12	9720							

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



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

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	
Client Sample ID:	PB170838BS	SDG No.:	Q3757
Lab Sample ID:	PB170838BS	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	1000 mL	Test:	SVOC-SIMGroup1
Prep Method :	3510C		
	Level: LOW		
	Final Vol: 1000 uL		
	Prep Date: 12/05/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
123-91-1	1,4-Dioxane	0.33		1	0.070	0.20	ug/L	12/06/25 00:55	PB170838
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.40			30 (47) - 150 (106)	100%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.42			30 (54) - 150 (157)	104%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.42			30 (56) - 130 (116)	106%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.47			30 (50) - 130 (126)	118%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.36			30 (54) - 130 (175)	91%	SPK: 0.4		
INTERNAL STANDARDS		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	7070							
1146-65-2	Naphthalene-d8	18800							
15067-26-2	Acenaphthene-d10	7890							
1517-22-2	Phenanthrene-d10	11200							
1719-03-5	Chrysene-d12	9380							
1520-96-3	Perylene-d12	9470							

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



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

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	
Client Sample ID:	PB170838BSD	SDG No.:	Q3757
Lab Sample ID:	PB170838BSD	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	1000 mL	Test:	SVOC-SIMGroup1
Prep Method :	3510C		
	Level: LOW		
	Final Vol: 1000 uL		
	Prep Date: 12/05/25		

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	12/06/25 01:32	PB170838
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.34			30 (47) - 150 (106)	84%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.39			30 (54) - 150 (157)	97%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.37			30 (56) - 130 (116)	91%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.40			30 (50) - 130 (126)	101%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.34			30 (54) - 130 (175)	84%	SPK: 0.4		
INTERNAL STANDARDS									
		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	6710							
1146-65-2	Naphthalene-d8	17800							
15067-26-2	Acenaphthene-d10	7710							
1517-22-2	Phenanthrene-d10	11000							
1719-03-5	Chrysene-d12	9170							
1520-96-3	Perylene-d12	9320							

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-BN112725.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Fri Nov 28 21:04:10 2025
 Response Via : Initial Calibration

Calibration Files

0.1 =BN038212.D 0.2 =BN038213.D 0.4 =BN038214.D 0.8 =BN038215.D 1.6 =BN038216.D 3.2 =BN038217.D 5 =BN038218.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	0.484	0.448	0.396	0.423	0.399	0.378	0.421	9.29	
3)	n-Nitrosodimet...	0.488	0.543	0.513	0.536	0.528	0.510	0.520	3.87	
4) S	2-Fluorophenol	1.008	0.930	0.992	0.881	0.925	0.915	0.892	0.935	5.14
5) S	Phenol-d6	1.180	1.103	1.215	1.099	1.187	1.203	1.191	1.168	4.05
6)	bis(2-Chloroet...	1.066	1.118	1.188	1.086	1.152	1.130	1.088	1.118	3.79
7) I	Naphthalene-d8	-----ISTD-----								
8) S	Nitrobenzene-d5	0.370	0.314	0.310	0.304	0.321	0.309	0.311	0.320	7.07
9)	Naphthalene	1.152	1.102	1.153	1.075	1.118	1.093	1.082	1.111	2.87
10)	Hexachlorobuta...	0.203	0.192	0.200	0.182	0.188	0.180	0.177	0.189	5.29
11) SURR	2-Methylnaphth...	0.535	0.548	0.588	0.558	0.584	0.584	0.579	0.568	3.70
12)	2-Methylnaphth...	0.696	0.697	0.760	0.718	0.754	0.750	0.741	0.731	3.68
13) I	Acenaphthene-d10	-----ISTD-----								
14) S	2,4,6-Tribromo...	0.106	0.100	0.123	0.122	0.139	0.165	0.126	18.76	
15) S	2-Fluorobiphenyl	1.620	1.549	1.590	1.546	1.578	1.474	1.459	1.545	3.85
16)	Acenaphthylene	1.756	1.685	1.801	1.702	1.830	1.866	1.880	1.789	4.31
17)	Acenaphthene	1.244	1.208	1.292	1.198	1.263	1.262	1.261	1.247	2.66
18)	Fluorene	1.544	1.442	1.650	1.571	1.680	1.708	1.703	1.614	6.13
19) I	Phenanthrene-d10	-----ISTD-----								
20)	4,6-Dinitro-2-...	0.021	0.026	0.031	0.044	0.059	0.071	0.042	46.82	
21)	4-Bromophenyl-...	0.268	0.268	0.285	0.268	0.287	0.284	0.280	0.277	3.19
22)	Hexachlorobenzene	0.377	0.366	0.358	0.320	0.337	0.319	0.307	0.341	7.87
23)	Atrazine	0.165	0.157	0.175	0.164	0.181	0.198	0.200	0.177	9.46
24)	Pentachlorophenol	0.090	0.084	0.080	0.096	0.117	0.093	15.54		
25)	Phenanthrene	1.247	1.207	1.311	1.202	1.270	1.293	1.259	1.256	3.24
26)	Anthracene	0.996	0.998	1.068	1.016	1.100	1.156	1.166	1.071	6.73
27) SURR	Fluoranthene-d10	0.853	0.845	0.890	0.817	0.864	0.906	0.900	0.868	3.76
28)	Fluoranthene	1.174	1.147	1.227	1.146	1.230	1.281	1.266	1.210	4.55
29) I	Chrysene-d12	-----ISTD-----								
30)	Pyrene	2.066	1.804	2.087	1.972	1.973	2.077	2.006	1.998	4.91
31) S	Terphenyl-d14	0.903	0.847	0.962	0.906	0.927	0.972	0.949	0.924	4.65
32)	Benzo(a)anthra...	1.321	1.271	1.368	1.320	1.373	1.421	1.409	1.355	3.94
33)	Chrysene	1.742	1.639	1.661	1.517	1.597	1.541	1.494	1.599	5.53
34)	Bis(2-ethylhex...	0.780	0.801	0.700	0.682	0.740	0.746	0.742	6.12	
35) I	Perylene-d12	-----ISTD-----								

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

Method File : 8270-SIM-BN112725.M

36)	Indeno(1,2,3-c...	1.747	1.715	1.875	1.736	1.962	1.963	1.960	1.851	6.24
37)	Benzo(b)fluora...	1.563	1.555	1.703	1.586	1.675	1.721	1.690	1.642	4.32
38)	Benzo(k)fluora...	1.627	1.639	1.758	1.658	1.749	1.776	1.742	1.707	3.69
39) C	Benzo(a)pyrene	1.414	1.284	1.386	1.316	1.403	1.414	1.417	1.376	3.93
40)	Dibenzo(a,h)an...	1.264	1.234	1.379	1.349	1.512	1.541	1.531	1.401	9.14
41)	Benzo(g,h,i)pe...	1.722	1.586	1.721	1.617	1.720	1.687	1.670	1.674	3.25

(#) = Out of Range

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\
 Method File : 8270-SIM-BN121025.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Wed Dec 10 13:56:50 2025
 Response Via : Initial Calibration

Calibration Files

0.1 =BN038298.D 0.2 =BN038299.D 0.4 =BN038300.D 0.8 =BN038301.D 1.6 =BN038302.D 3.2 =BN038303.D 5 =BN038304.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	0.506	0.465	0.443	0.442	0.456	0.440	0.459		5.48
3)	n-Nitrosodimet...	0.568	0.572	0.568	0.577	0.590	0.574	0.575		1.42
4) S	2-Fluorophenol	0.954	1.034	0.988	0.981	0.978	1.020	1.019	0.996	2.88
5) S	Phenol-d6	1.098	1.157	1.151	1.158	1.186	1.263	1.277	1.184	5.44
6)	bis(2-Chloroet...	1.156	1.171	1.166	1.149	1.144	1.176	1.147	1.158	1.10
7) I	Naphthalene-d8	-----ISTD-----								
8) S	Nitrobenzene-d5	0.325	0.324	0.329	0.332	0.334	0.358	0.359	0.337	4.38
9)	Naphthalene	1.174	1.185	1.168	1.155	1.159	1.231	1.205	1.182	2.30
10)	Hexachlorobuta...	0.218	0.213	0.210	0.207	0.205	0.212	0.206	0.210	2.24
11) SURR	2-Methylnaphth...	0.543	0.548	0.549	0.554	0.559	0.598	0.599	0.564	4.23
12)	2-Methylnaphth...	0.722	0.735	0.731	0.737	0.747	0.794	0.789	0.751	3.85
13) I	Acenaphthene-d10	-----ISTD-----								
14) S	2,4,6-Tribromo...	0.167	0.163	0.167	0.169	0.175	0.197	0.205	0.177	9.30
15) S	2-Fluorobiphenyl	1.940	1.951	1.974	1.838	1.897	2.070	1.819	1.927	4.45
16)	Acenaphthylene	1.890	1.885	1.903	1.918	1.931	2.131	2.092	1.964	5.21
17)	Acenaphthene	1.311	1.329	1.342	1.351	1.358	1.460	1.430	1.369	4.01
18)	Fluorene	1.790	1.706	1.707	1.735	1.727	1.858	1.802	1.761	3.24
19) I	Phenanthrene-d10	-----ISTD-----								
20)	4,6-Dinitro-2-...	0.054	0.057	0.064	0.069	0.085		0.066		18.62
21)	4-Bromophenyl-...	0.288	0.291	0.287	0.291	0.293	0.310	0.318	0.297	4.12
22)	Hexachlorobenzene	0.370	0.366	0.350	0.350	0.347	0.358	0.357	0.357	2.40
23)	Atrazine	0.184	0.196	0.190	0.197	0.200	0.221	0.229	0.202	8.11
24)	Pentachlorophenol	0.124	0.121	0.121	0.126	0.134	0.156	0.174	0.139	15.30
25)	Phenanthrene	1.412	1.373	1.363	1.350	1.353	1.439	1.456	1.392	3.12
26)	Anthracene	1.149	1.119	1.141	1.184	1.186	1.300	1.323	1.200	6.67
27) SURR	Fluoranthene-d10	0.928	0.947	0.984	0.983	0.984	1.045	1.053	0.989	4.66
28)	Fluoranthene	1.419	1.413	1.459	1.466	1.473	1.562	1.566	1.480	4.17
29) I	Chrysene-d12	-----ISTD-----								
30)	Pyrene	2.038	1.968	1.920	1.909	1.890	2.022	2.037	1.969	3.25
31) S	Terphenyl-d14	0.913	0.917	0.881	0.879	0.863	0.893	0.903	0.893	2.20
32)	Benzo(a)anthra...	1.476	1.537	1.479	1.501	1.513	1.638	1.672	1.545	5.08
33)	Chrysene	1.653	1.712	1.721	1.709	1.674	1.745	1.697	1.701	1.79
34)	Bis(2-ethylhex...	1.002	0.845	0.779	0.754	0.828	0.879	0.848		10.38
35) I	Perylene-d12	-----ISTD-----								

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

Method File : 8270-SIM-BN121025.M

36)	Indeno(1,2,3-c...	1.813	2.040	2.122	2.116	2.115	2.321	2.330	2.123	8.27
37)	Benzo(b)fluora...	1.673	1.831	1.783	1.776	1.827	1.987	1.984	1.837	6.18
38)	Benzo(k)fluora...	1.597	1.793	1.796	1.812	1.823	2.006	1.994	1.832	7.57
39) C	Benzo(a)pyrene	1.355	1.459	1.469	1.459	1.479	1.640	1.663	1.503	7.27
40)	Dibenzo(a,h)an...	1.396	1.521	1.619	1.624	1.651	1.823	1.822	1.637	9.37
41)	Benzo(g,h,i)pe...	1.622	1.816	1.812	1.806	1.818	1.966	1.964	1.829	6.34

(#) = Out of Range

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>JAC005</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3757</u>
Instrument ID:	<u>BNA_N</u>	Calibration Date/Time:	<u>12/05/2025 23:42</u>
Lab File ID:	<u>BN038287.D</u>	Init. Calib. Date(s):	<u>11/26/2025 11/27/2025</u>
EPA Sample No.:	<u>SSTDCCC0.4</u>	Init. Calib. Time(s):	<u>20:35 00:13</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	0.568	0.582		2.5	20.0
Fluoranthene-d10	0.868	0.874		0.7	20.0
2-Fluorophenol	0.935	0.980		4.8	20.0
Phenol-d6	1.168	1.224		4.8	20.0
Nitrobenzene-d5	0.320	0.314		-1.9	20.0
2-Fluorobiphenyl	1.545	1.760		13.9	20.0
2,4,6-Tribromophenol	0.126	0.118		-6.3	20.0
Terphenyl-d14	0.924	0.838		-9.3	20.0
1,4-Dioxane	0.421	0.446		5.9	20.0

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: JAC005
 Lab Code: ACE SDG No.: Q3757
 Instrument ID: BNA_N Calibration Date/Time: 12/11/2025 11:13
 Lab File ID: BN038311.D Init. Calib. Date(s): 12/10/2025 12/10/2025
 EPA Sample No.: SSTDCCC0.4 Init. Calib. Time(s): 09:52 13:30
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF0.4	MIN RRF	%D	MAX%D
2-Methylnaphthalene-d10	0.564	0.555		-1.6	20.0
Fluoranthene-d10	0.990	0.982		-0.8	20.0
2-Fluorophenol	0.996	0.953		-4.3	20.0
Phenol-d6	1.184	1.124		-5.1	20.0
Nitrobenzene-d5	0.337	0.321		-4.7	20.0
2-Fluorobiphenyl	1.914	1.827		-4.5	20.0
2,4,6-Tribromophenol	0.177	0.162		-8.5	20.0
Terphenyl-d14	0.893	0.857		-4.0	20.0
1,4-Dioxane	0.459	0.465		1.3	20.0

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>JAC005</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3757</u>
Instrument ID:	<u>BNA_N</u>	Calibration Date/Time:	<u>12/11/2025 23:59</u>
Lab File ID:	<u>BN038330.D</u>	Init. Calib. Date(s):	<u>12/10/2025 12/10/2025</u>
EPA Sample No.:	<u>SSTDCCC0.4</u>	Init. Calib. Time(s):	<u>09:52 13:30</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	0.564	0.557		-1.2	20.0
Fluoranthene-d10	0.990	0.988		-0.2	20.0
2-Fluorophenol	0.996	0.984		-1.2	20.0
Phenol-d6	1.184	1.177		-0.6	20.0
Nitrobenzene-d5	0.337	0.326		-3.3	20.0
2-Fluorobiphenyl	1.914	1.919		0.3	20.0
2,4,6-Tribromophenol	0.177	0.159		-10.2	20.0
Terphenyl-d14	0.893	0.848		-5.0	20.0
1,4-Dioxane	0.459	0.479		4.4	20.0

All other compounds must meet a minimum RRF of 0.010.



SAMPLE RAW DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120625\
 Data File : BN038296.D
 Acq On : 06 Dec 2025 05:11
 Operator : RC/JU
 Sample : Q3757-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-14A-17.5-120325

Quant Time: Dec 06 05:35:44 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 28 21:04:10 2025
 Response via : Initial Calibration

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

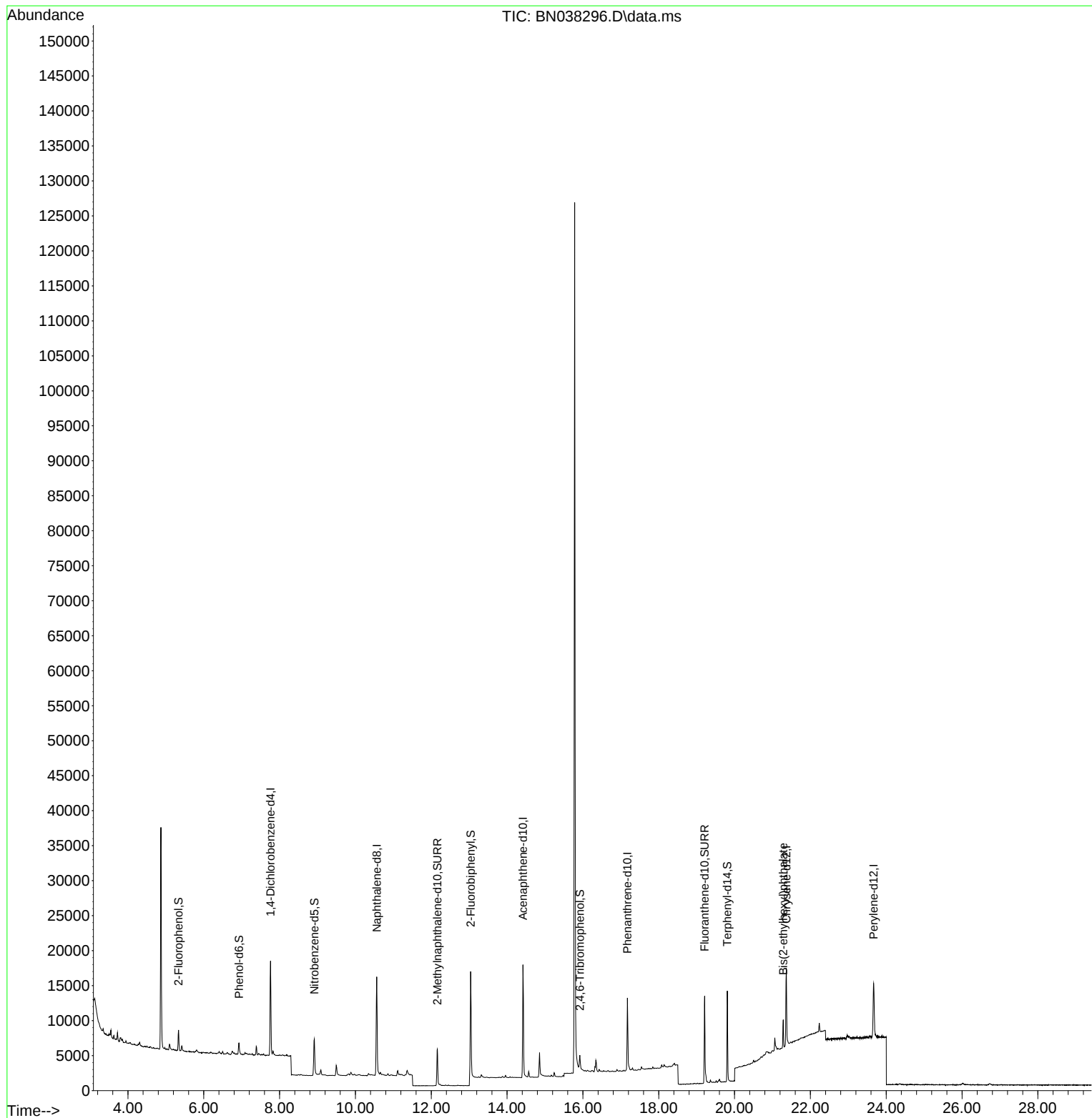
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.760	152	6821	0.400	ng	0.00
7) Naphthalene-d8	10.562	136	19695	0.400	ng	-0.01
13) Acenaphthene-d10	14.420	164	9392	0.400	ng	-0.01
19) Phenanthrene-d10	17.173	188	14431	0.400	ng	#-0.01
29) Chrysene-d12	21.366	240	11258	0.400	ng	# 0.00
35) Perylene-d12	23.668	264	11337	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.334	112	2427	0.152	ng	0.00
5) Phenol-d6	6.930	99	1785	0.090	ng	0.00
8) Nitrobenzene-d5	8.918	82	5144	0.327	ng	0.00
11) 2-Methylnaphthalene-d10	12.162	152	7882	0.282	ng	0.00
14) 2,4,6-Tribromophenol	15.920	330	1271	0.430	ng	-0.01
15) 2-Fluorobiphenyl	13.040	172	12595	0.347	ng	-0.01
27) Fluoranthene-d10	19.211	212	13520	0.432	ng	0.00
31) Terphenyl-d14	19.810	244	12488	0.480	ng	0.00
Target Compounds						
34) Bis(2-ethylhexyl)phtha...	21.286	149	3880	0.186	ng	Qvalue # 99

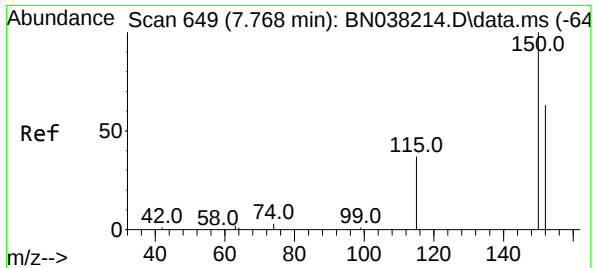
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120625\
Data File : BN038296.D
Acq On : 06 Dec 2025 05:11
Operator : RC/JU
Sample : Q3757-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-14A-17.5-120325

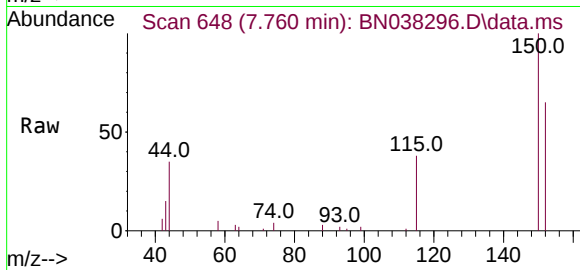
Quant Time: Dec 06 05:35:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 28 21:04:10 2025
Response via : Initial Calibration



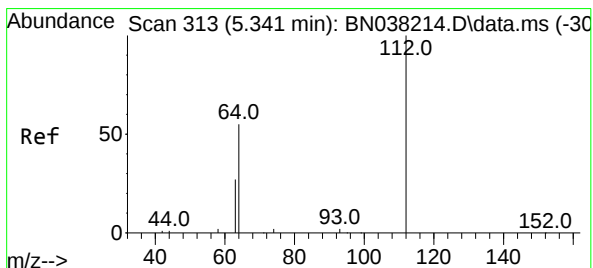
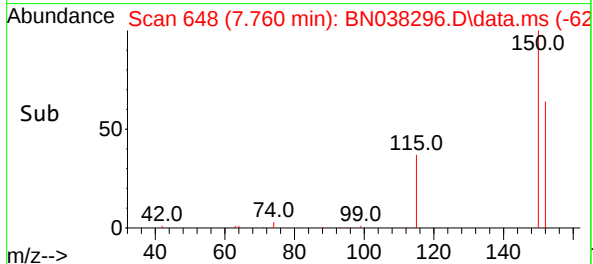
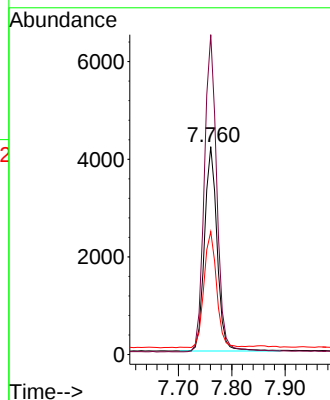


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.760 min Scan# 64
Delta R.T. -0.008 min
Lab File: BN038296.D
Acq: 06 Dec 2025 05:11

Instrument :
BNA_N
ClientSampleId :
MW-14A-17.5-120325

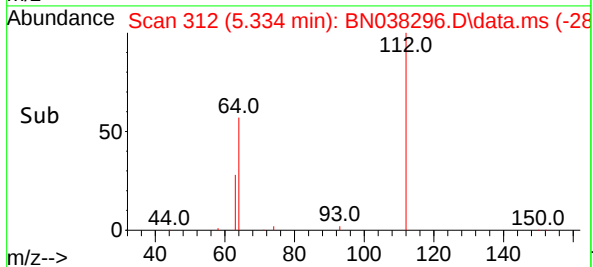
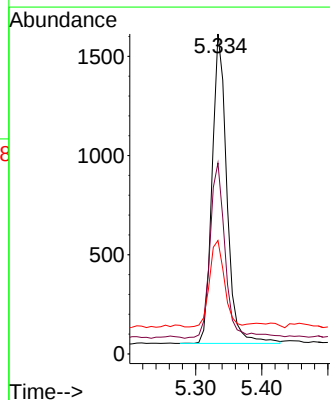
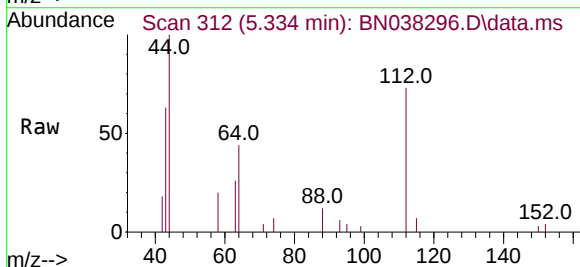


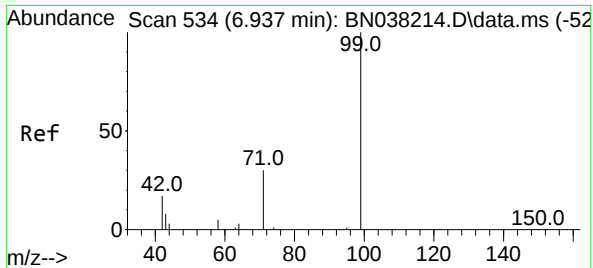
Tgt Ion:152 Resp: 6821
Ion Ratio Lower Upper
152 100
150 153.9 125.3 187.9
115 59.1 49.0 73.4



#4
2-Fluorophenol
Concen: 0.152 ng
RT: 5.334 min Scan# 312
Delta R.T. -0.007 min
Lab File: BN038296.D
Acq: 06 Dec 2025 05:11

Tgt Ion:112 Resp: 2427
Ion Ratio Lower Upper
112 100
64 59.0 45.0 67.4
63 28.2 23.2 34.8

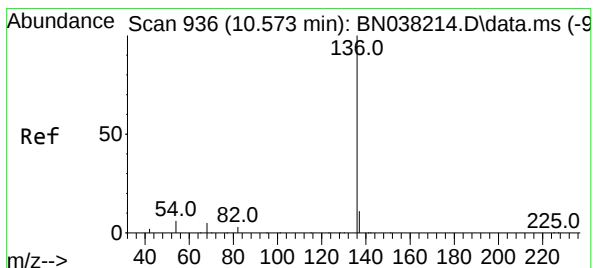
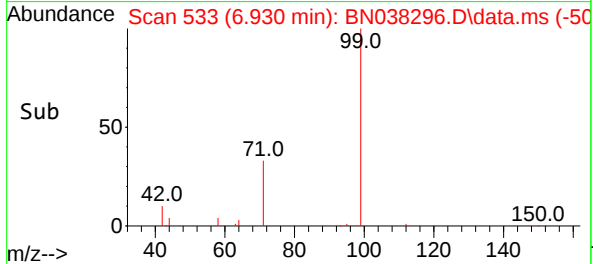
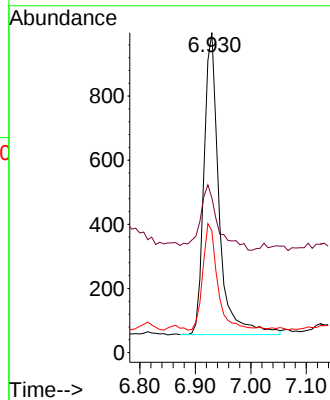
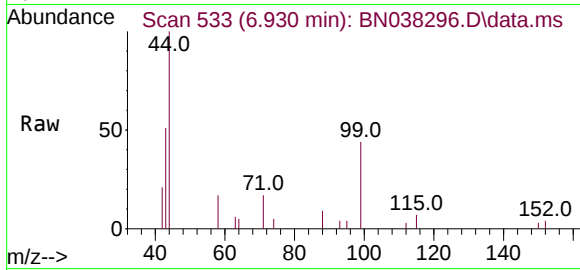




#5
Phenol-d6
Concen: 0.090 ng
RT: 6.930 min Scan# 531
Delta R.T. -0.007 min
Lab File: BN038296.D
Acq: 06 Dec 2025 05:11

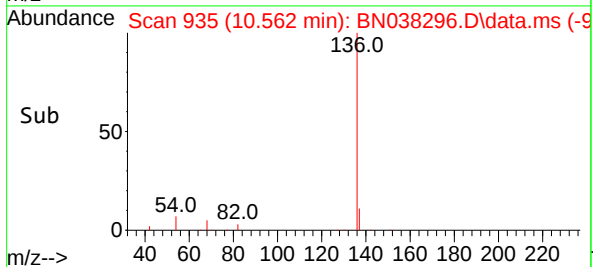
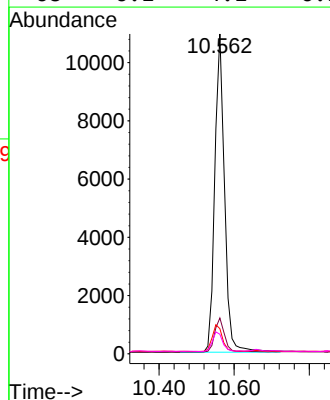
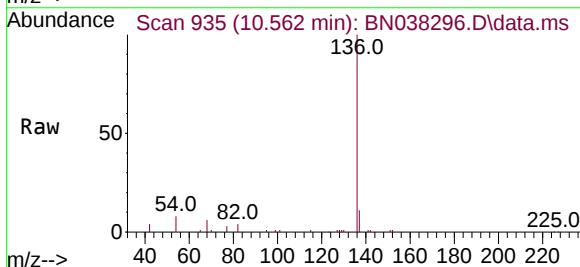
Instrument :
BNA_N
ClientSampleId :
MW-14A-17.5-120325

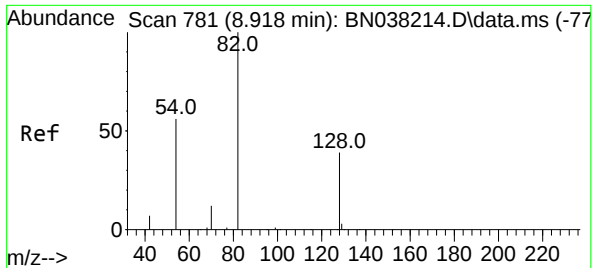
Tgt Ion	Ratio	Lower	Upper
99	100		
42	26.1	17.0	25.6#
71	35.0	25.4	38.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.562 min Scan# 935
Delta R.T. -0.011 min
Lab File: BN038296.D
Acq: 06 Dec 2025 05:11

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.9	5.4	8.0
68	6.1	4.1	6.1

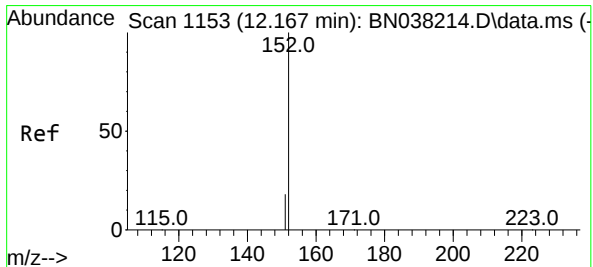
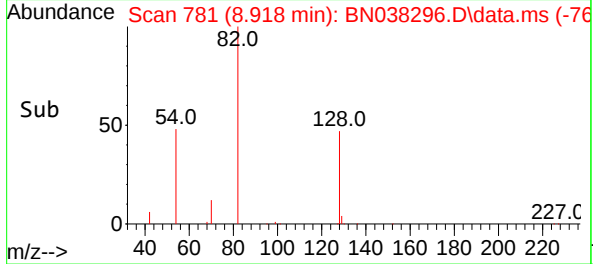
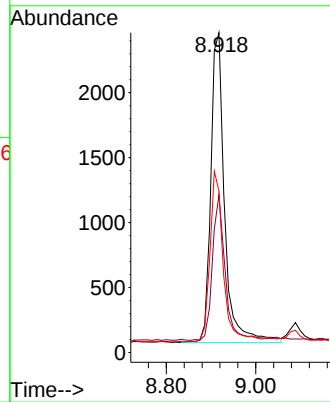
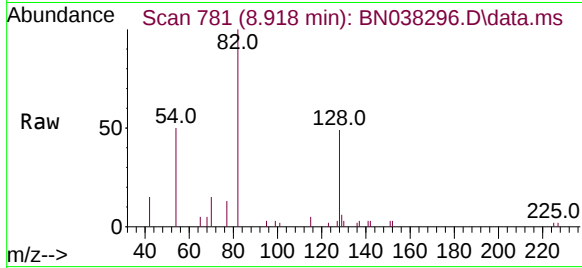




#8
Nitrobenzene-d5
Concen: 0.327 ng
RT: 8.918 min Scan# 781
Delta R.T. 0.000 min
Lab File: BN038296.D
Acq: 06 Dec 2025 05:11

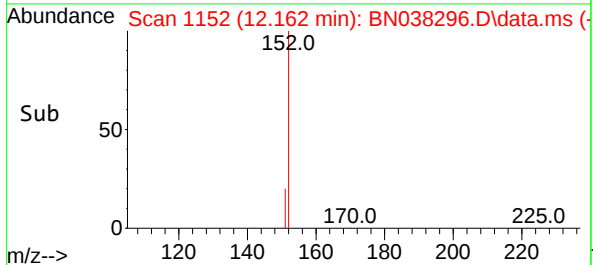
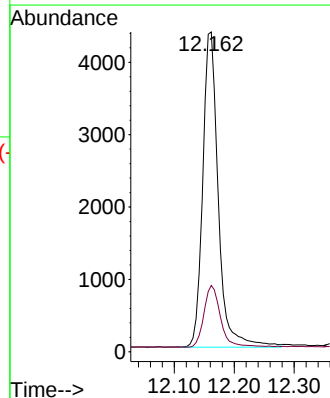
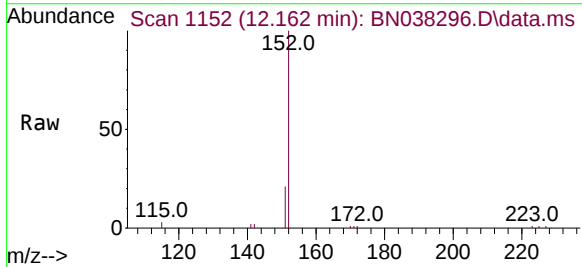
Instrument :
BNA_N
ClientSampleId :
MW-14A-17.5-120325

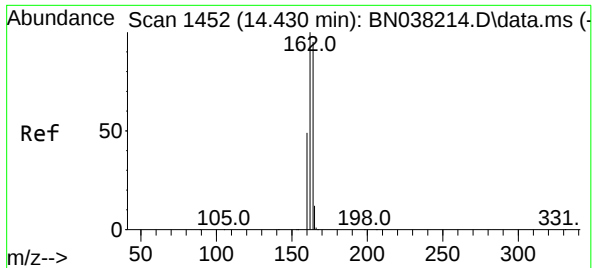
Tgt Ion:	82	Resp:	5144
Ion Ratio	Lower	Upper	
82	100		
128	49.2	32.6	48.8#
54	50.4	45.4	68.0



#11
2-Methylnaphthalene-d10
Concen: 0.282 ng
RT: 12.162 min Scan# 1152
Delta R.T. -0.005 min
Lab File: BN038296.D
Acq: 06 Dec 2025 05:11

Tgt Ion:	152	Resp:	7882
Ion Ratio	Lower	Upper	
152	100		
151	21.0	16.7	25.1

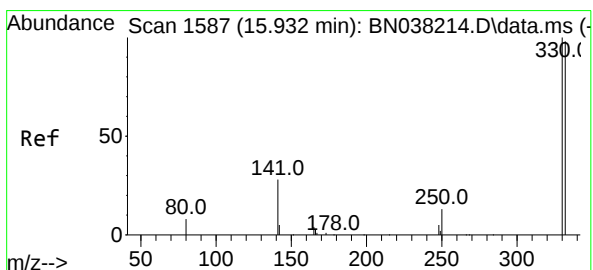
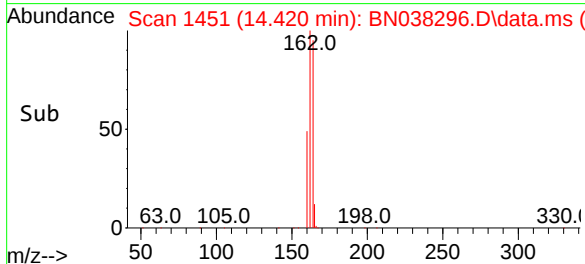
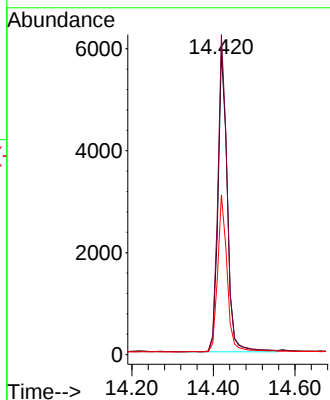
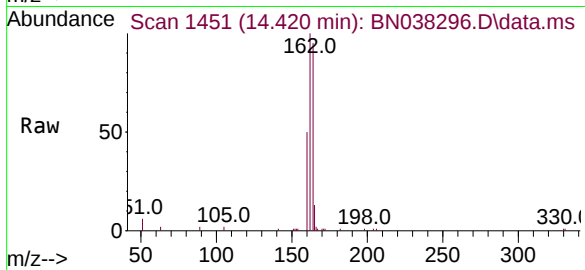




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.420 min Scan# 1452
Delta R.T. -0.011 min
Lab File: BN038296.D
Acq: 06 Dec 2025 05:11

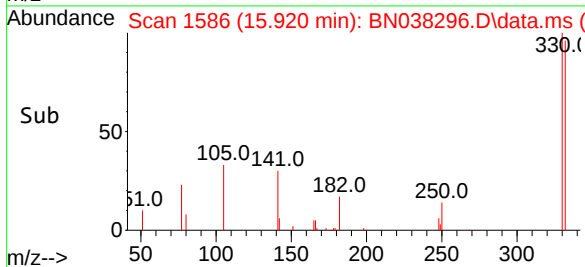
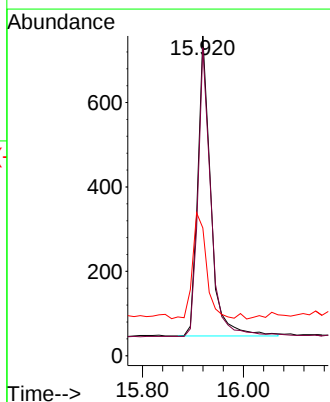
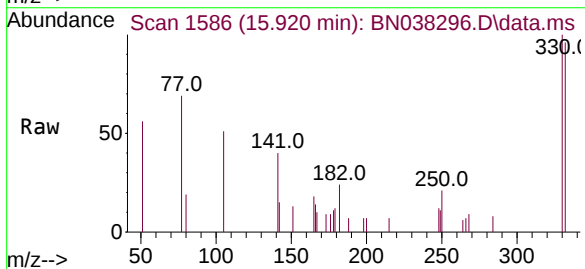
Instrument :
BNA_N
ClientSampleId :
MW-14A-17.5-120325

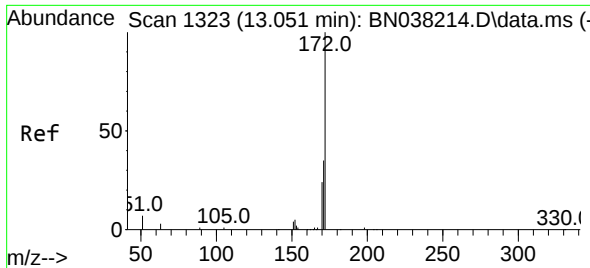
Tgt Ion:164 Resp: 9392
Ion Ratio Lower Upper
164 100
162 105.3 83.8 125.8
160 52.5 41.6 62.4



#14
2,4,6-Tribromophenol
Concen: 0.430 ng
RT: 15.920 min Scan# 1586
Delta R.T. -0.012 min
Lab File: BN038296.D
Acq: 06 Dec 2025 05:11

Tgt Ion:330 Resp: 1271
Ion Ratio Lower Upper
330 100
332 95.4 77.8 116.6
141 37.5 33.0 49.4

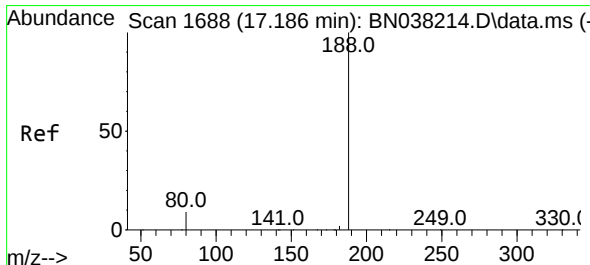
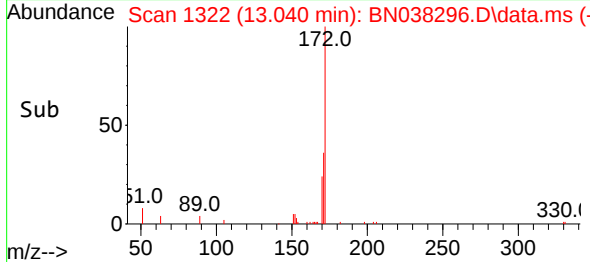
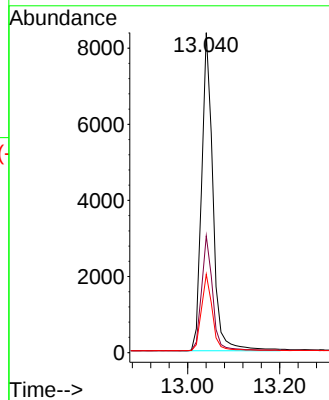
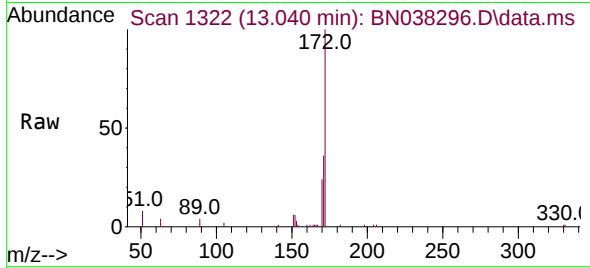




#15
2-Fluorobiphenyl
Concen: 0.347 ng
RT: 13.040 min Scan# 1323
Delta R.T. -0.011 min
Lab File: BN038296.D
Acq: 06 Dec 2025 05:11

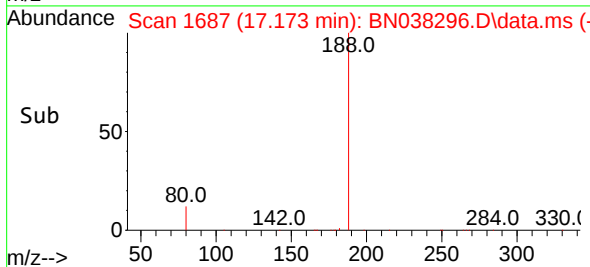
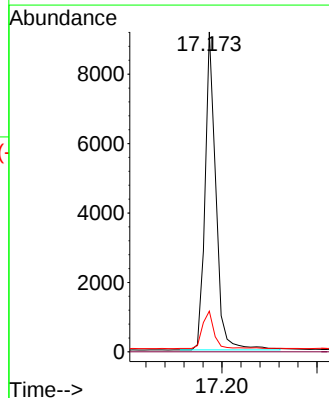
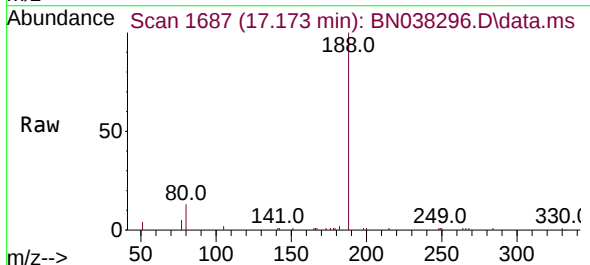
Instrument :
BNA_N
ClientSampleId :
MW-14A-17.5-120325

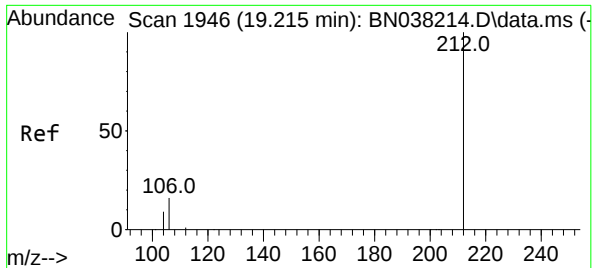
Tgt Ion:	172	Resp:	12595
Ion Ratio	Lower	Upper	
172	100		
171	36.5	28.1	42.1
170	24.5	19.1	28.7



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.173 min Scan# 1687
Delta R.T. -0.012 min
Lab File: BN038296.D
Acq: 06 Dec 2025 05:11

Tgt Ion:	188	Resp:	14431
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	12.7	7.7	11.5

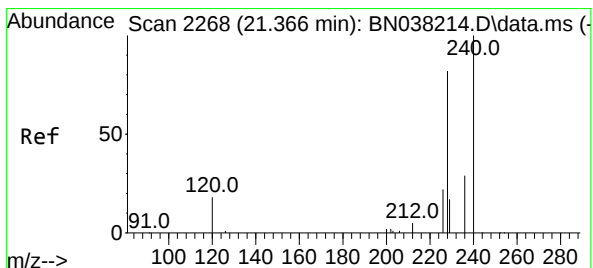
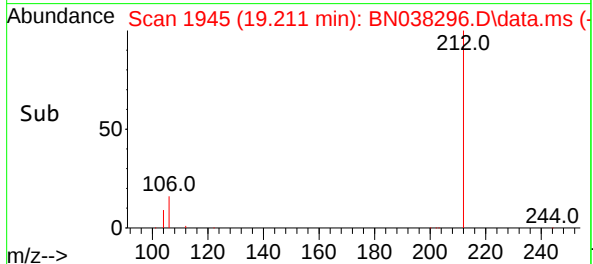
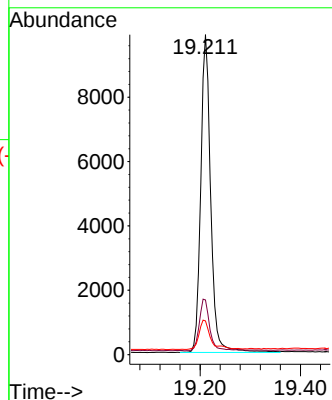
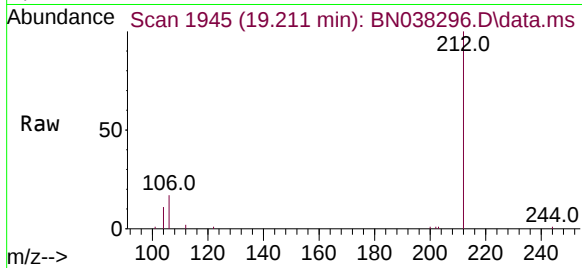




#27
Fluoranthene-d10
Concen: 0.432 ng
RT: 19.211 min Scan# 1945
Delta R.T. -0.005 min
Lab File: BN038296.D
Acq: 06 Dec 2025 05:11

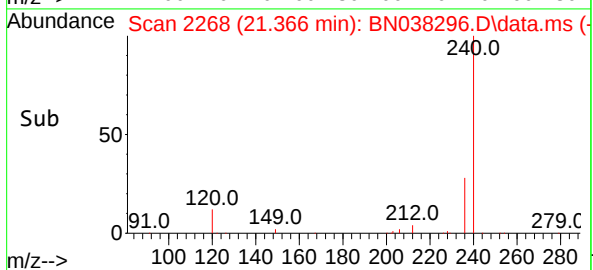
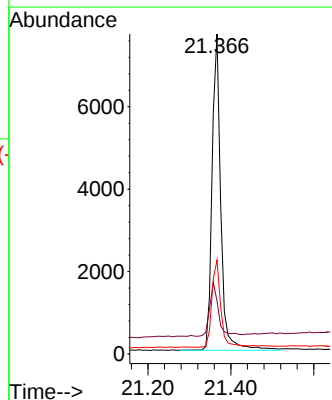
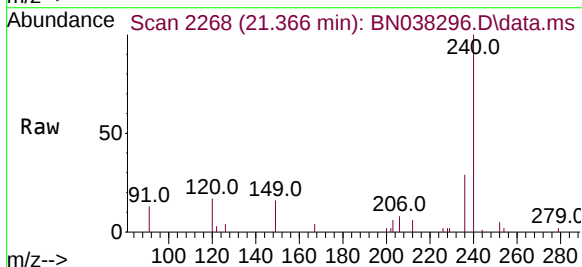
Instrument :
BNA_N
ClientSampleId :
MW-14A-17.5-120325

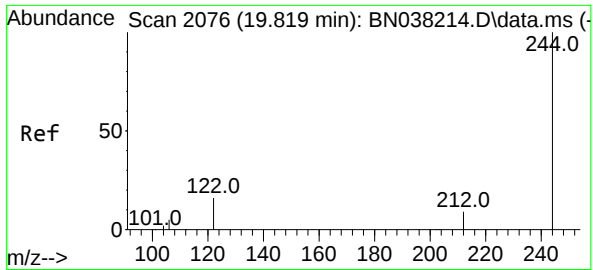
Tgt Ion:	212	Resp:	13520
Ion Ratio	Lower	Upper	
212	100		
106	17.0	12.7	19.1
104	10.6	7.3	10.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.366 min Scan# 2268
Delta R.T. 0.000 min
Lab File: BN038296.D
Acq: 06 Dec 2025 05:11

Tgt Ion:	240	Resp:	11258
Ion Ratio	Lower	Upper	
240	100		
120	16.5	18.1	27.1#
236	29.3	24.2	36.4

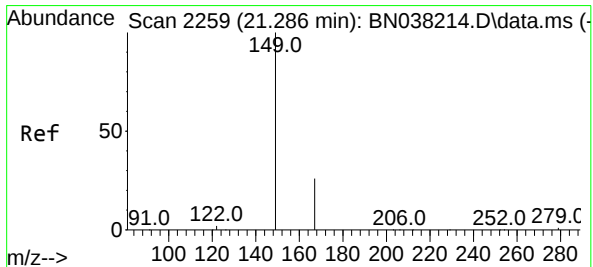
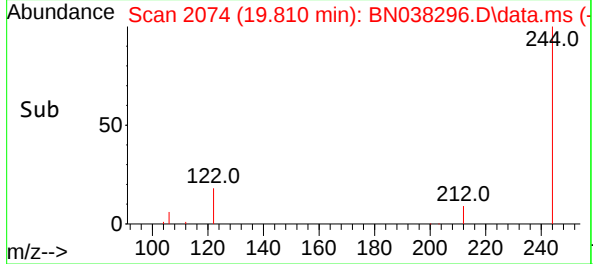
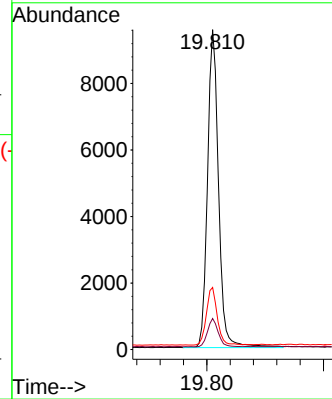
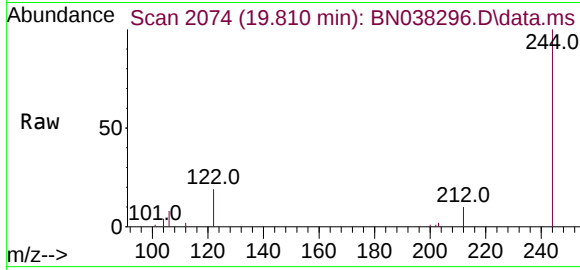




#31
Terphenyl-d14
Concen: 0.480 ng
RT: 19.810 min Scan# 2076
Delta R.T. -0.009 min
Lab File: BN038296.D
Acq: 06 Dec 2025 05:11

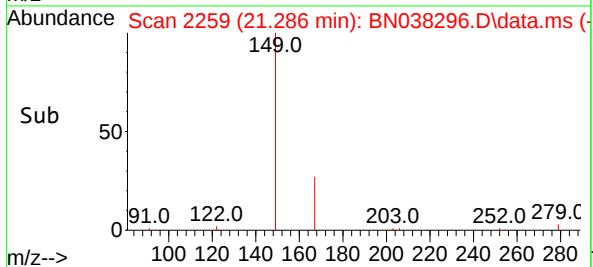
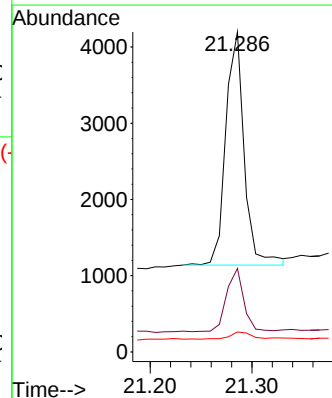
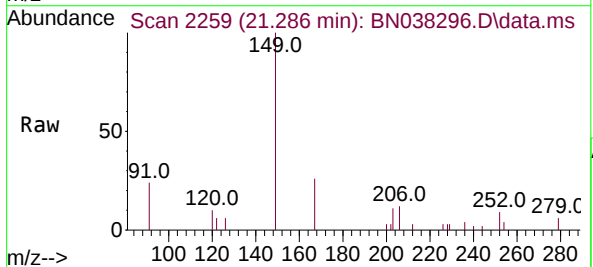
Instrument :
BNA_N
ClientSampleId :
MW-14A-17.5-120325

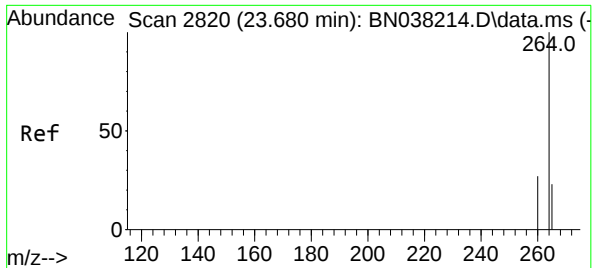
Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.7	7.7	11.5
122	19.4	13.6	20.4



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.186 ng
RT: 21.286 min Scan# 2259
Delta R.T. 0.000 min
Lab File: BN038296.D
Acq: 06 Dec 2025 05:11

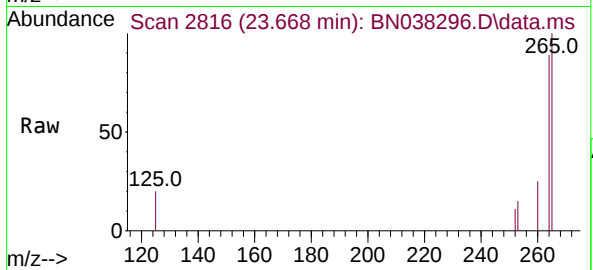
Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.3	20.7	31.1
279	4.4	2.5	3.7



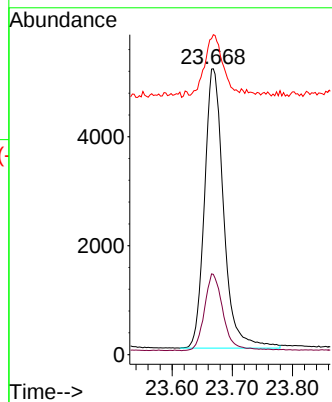
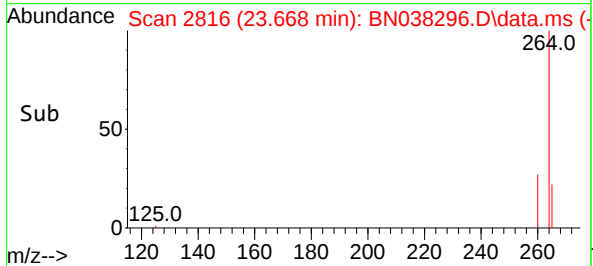


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.668 min Scan# 2816
Delta R.T. -0.012 min
Lab File: BN038296.D
Acq: 06 Dec 2025 05:11

Instrument :
BNA_N
ClientSampleId :
MW-14A-17.5-120325



Tgt Ion:264 Resp: 11337
Ion Ratio Lower Upper
264 100
260 28.1 21.7 32.5
265 111.9 98.0 147.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121125\
 Data File : BN038313.D
 Acq On : 11 Dec 2025 12:25
 Operator : RC/JU
 Sample : Q3757-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BR-03D-490-120325

Quant Time: Dec 11 12:52:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 10 13:56:50 2025
 Response via : Initial Calibration

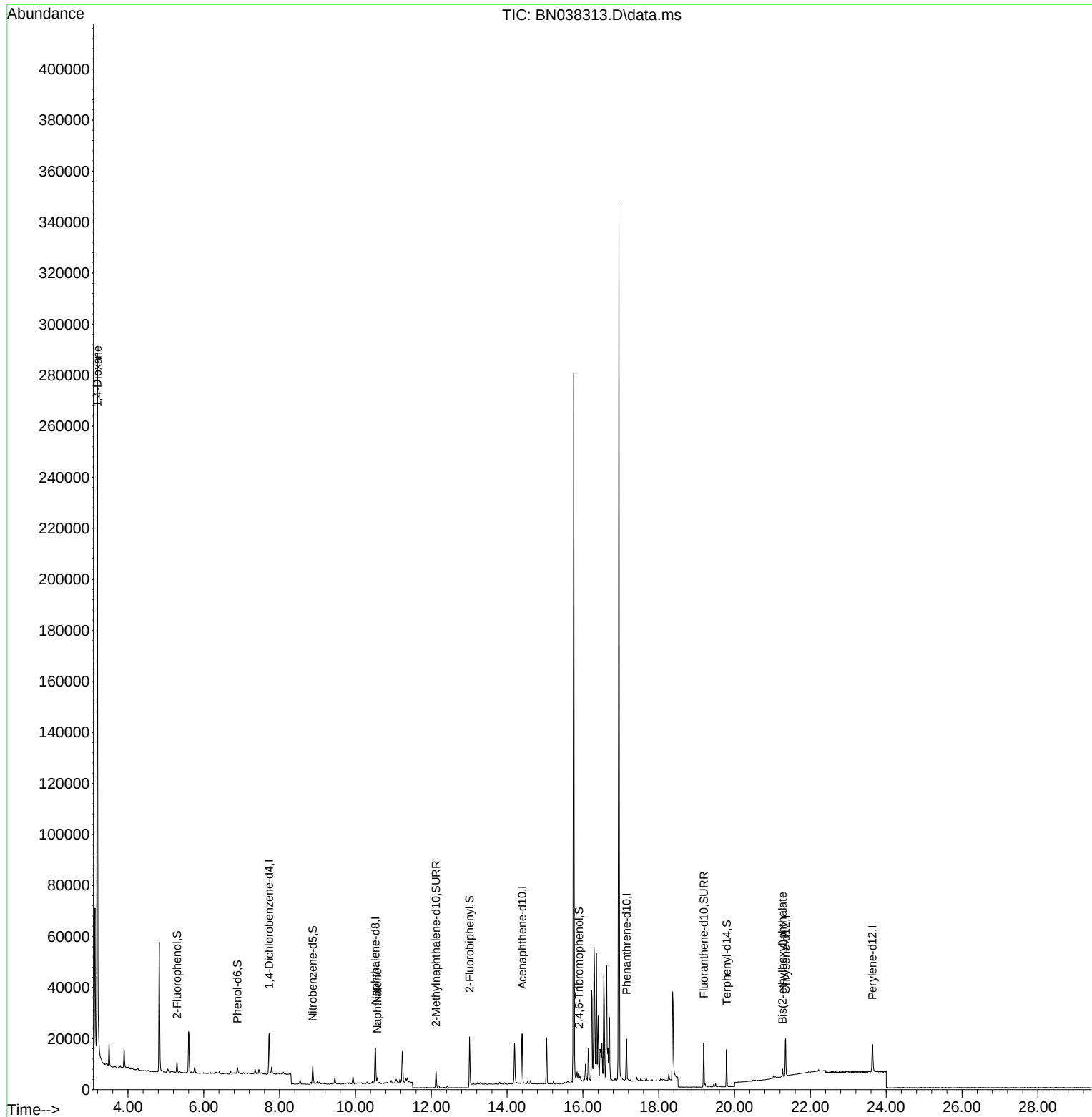
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	7.724	152	7415	0.400 ng	0.00
7) Naphthalene-d8	10.530	136	20111	0.400 ng	0.00
13) Acenaphthene-d10	14.398	164	10732	0.400 ng	0.00
19) Phenanthrene-d10	17.148	188	19954	0.400 ng	# 0.00
29) Chrysene-d12	21.348	240	14276	0.400 ng	# 0.00
35) Perylene-d12	23.636	264	14578	0.400 ng	# 0.00
System Monitoring Compounds					
4) 2-Fluorophenol	5.298	112	3082	0.167 ng	0.00
5) Phenol-d6	6.886	99	2265	0.103 ng	0.00
8) Nitrobenzene-d5	8.875	82	5813	0.343 ng	0.00
11) 2-Methylnaphthalene-d10	12.126	152	8721	0.307 ng	0.00
14) 2,4,6-Tribromophenol	15.895	330	1828	0.384 ng	0.00
15) 2-Fluorobiphenyl	13.008	172	16951	0.328 ng	0.00
27) Fluoranthene-d10	19.187	212	18094	0.367 ng	0.00
31) Terphenyl-d14	19.791	244	13649	0.428 ng	0.00
Target Compounds					
2) 1,4-Dioxane	3.196	88	160554	18.884 ng	99
9) Naphthalene	10.573	128	2469	0.042 ng	# 90
34) Bis(2-ethylhexyl)phtha...	21.268	149	2816	0.093 ng	# 99

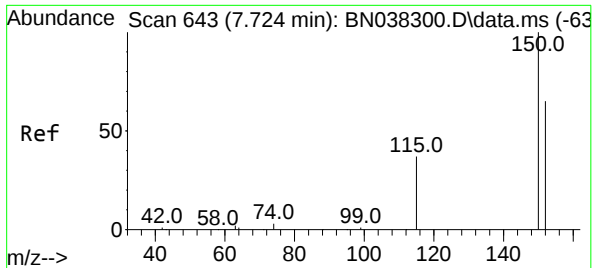
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121125\
Data File : BN038313.D
Acq On : 11 Dec 2025 12:25
Operator : RC/JU
Sample : Q3757-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BR-03D-490-120325

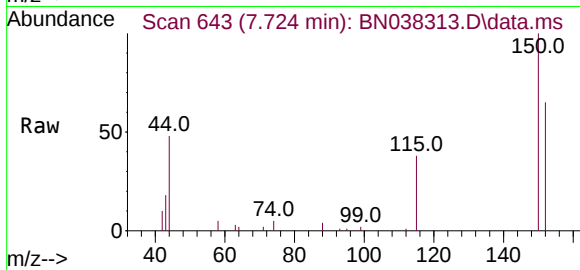
Quant Time: Dec 11 12:52:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 10 13:56:50 2025
Response via : Initial Calibration



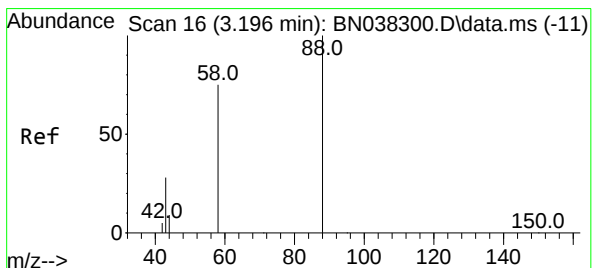
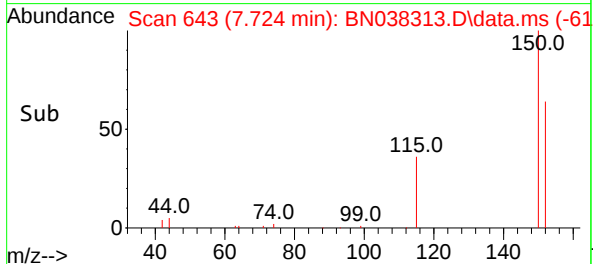
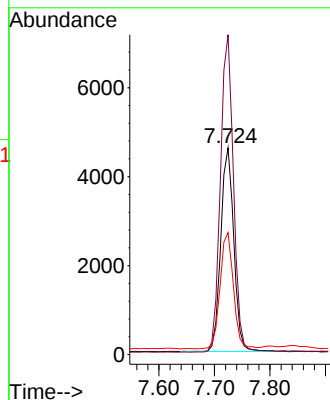


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.724 min Scan# 64
Delta R.T. 0.000 min
Lab File: BN038313.D
Acq: 11 Dec 2025 12:25

Instrument :
BNA_N
ClientSampleId :
BR-03D-490-120325

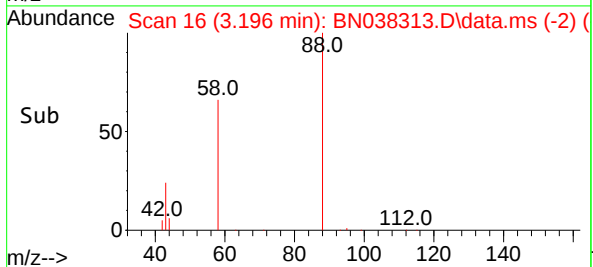
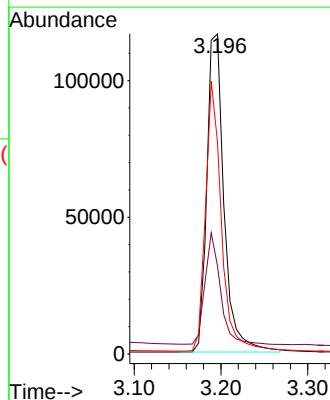
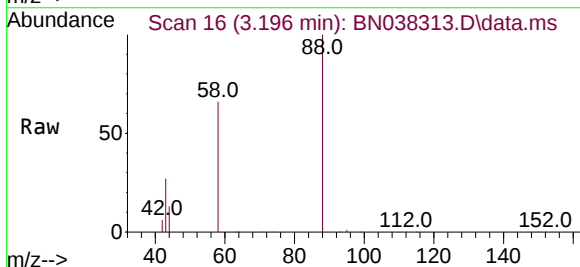


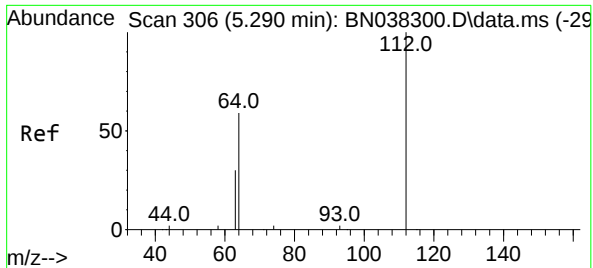
Tgt Ion:152 Resp: 7415
Ion Ratio Lower Upper
152 100
150 154.8 122.4 183.6
115 59.0 47.3 70.9



#2
1,4-Dioxane
Concen: 18.884 ng
RT: 3.196 min Scan# 16
Delta R.T. -0.000 min
Lab File: BN038313.D
Acq: 11 Dec 2025 12:25

Tgt Ion: 88 Resp: 160554
Ion Ratio Lower Upper
88 100
43 31.2 24.9 37.3
58 77.5 61.4 92.0

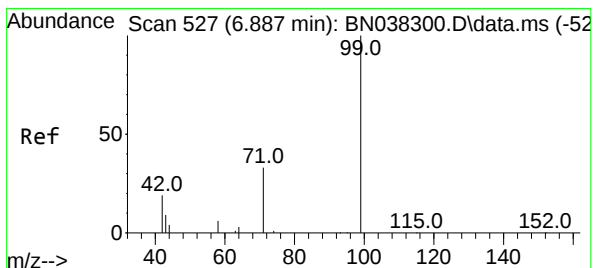
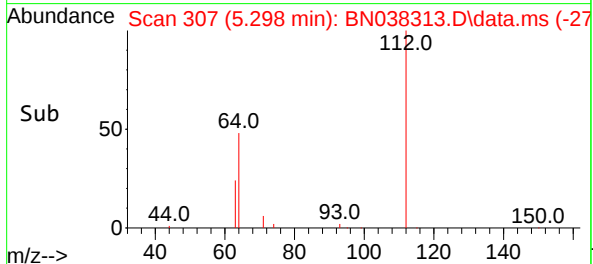
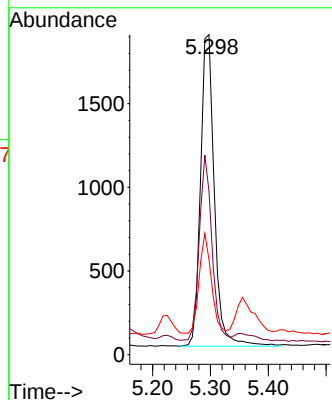
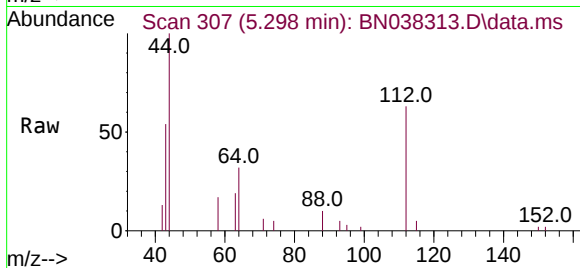




#4
2-Fluorophenol
Concen: 0.167 ng
RT: 5.298 min Scan# 306
Delta R.T. 0.007 min
Lab File: BN038313.D
Acq: 11 Dec 2025 12:25

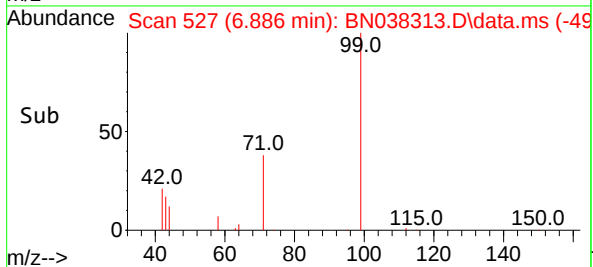
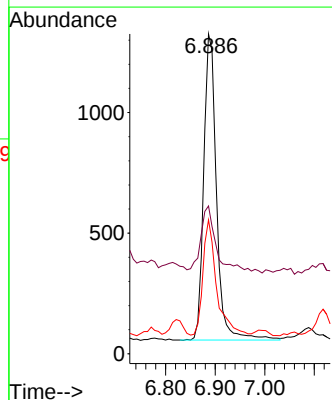
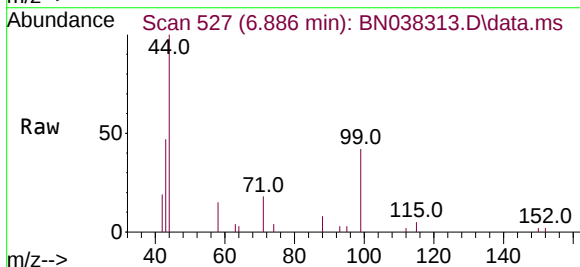
Instrument :
BNA_N
ClientSampleId :
BR-03D-490-120325

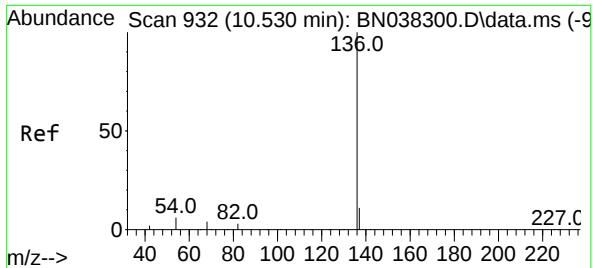
Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.2	44.4	66.6
63	28.4	23.4	35.0



#5
Phenol-d6
Concen: 0.103 ng
RT: 6.886 min Scan# 527
Delta R.T. -0.000 min
Lab File: BN038313.D
Acq: 11 Dec 2025 12:25

Tgt Ion	Ratio	Lower	Upper
99	100		
42	27.9	16.5	24.7#
71	40.7	24.9	37.3#

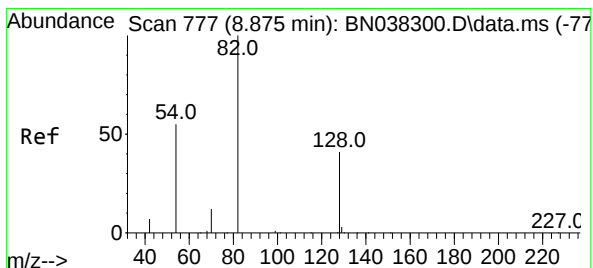
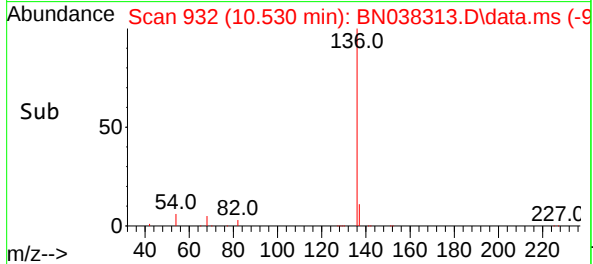
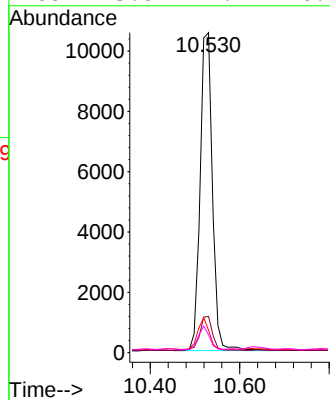
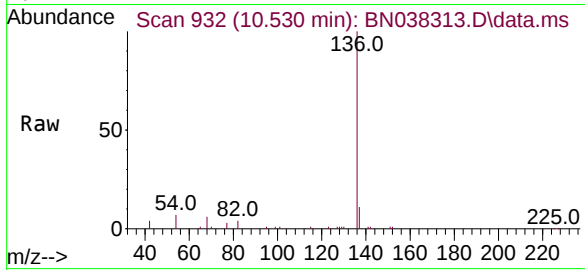




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.530 min Scan# 932
Delta R.T. -0.000 min
Lab File: BN038313.D
Acq: 11 Dec 2025 12:25

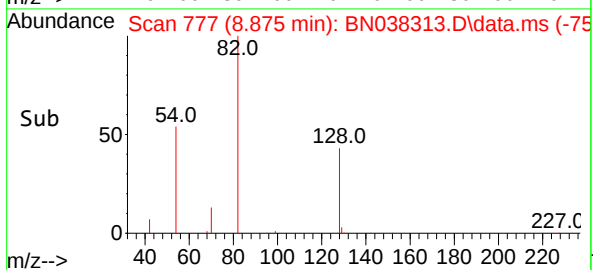
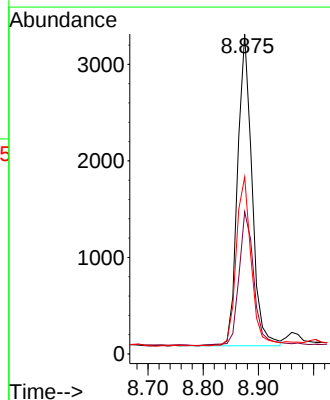
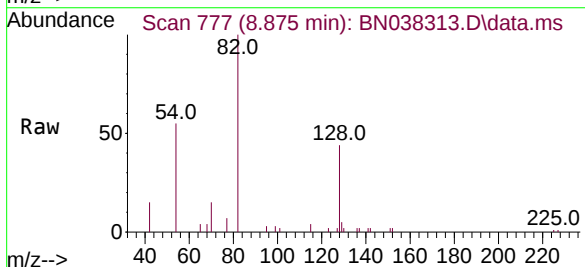
Instrument :
BNA_N
ClientSampleId :
BR-03D-490-120325

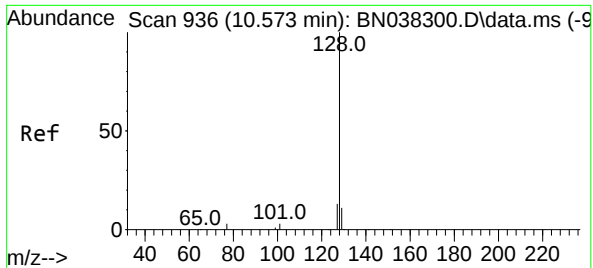
Tgt Ion:	136	Resp:	20111
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	7.0	5.2	7.8
68	5.6	4.1	6.1



#8
Nitrobenzene-d5
Concen: 0.343 ng
RT: 8.875 min Scan# 777
Delta R.T. -0.000 min
Lab File: BN038313.D
Acq: 11 Dec 2025 12:25

Tgt Ion:	82	Resp:	5813
Ion	Ratio	Lower	Upper
82	100		
128	44.5	34.0	51.0
54	55.3	44.4	66.6

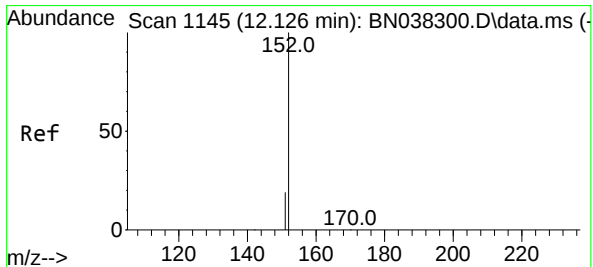
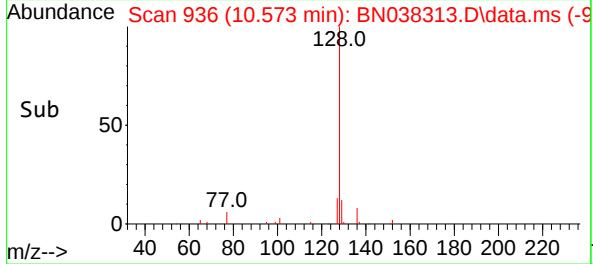
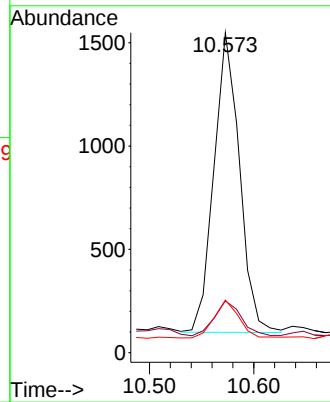
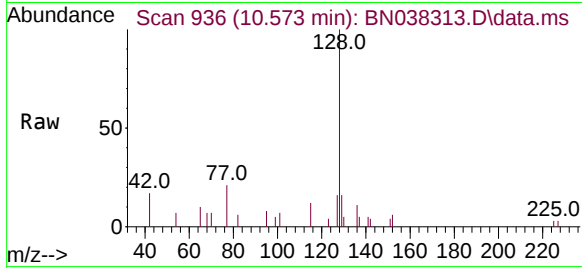




#9
Naphthalene
Concen: 0.042 ng
RT: 10.573 min Scan# 936
Delta R.T. -0.000 min
Lab File: BN038313.D
Acq: 11 Dec 2025 12:25

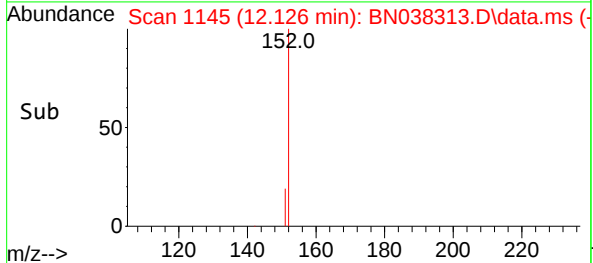
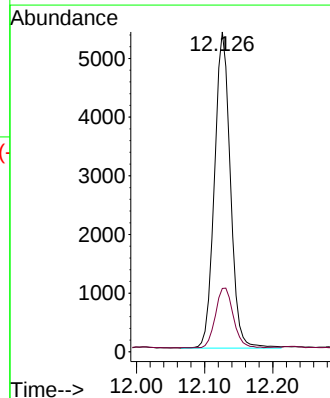
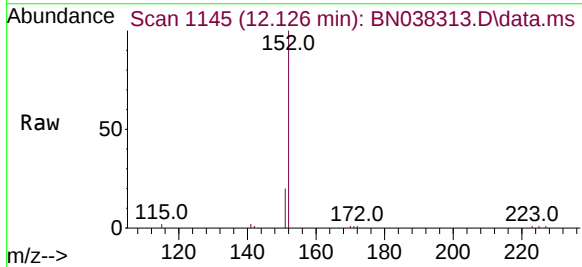
Instrument :
BNA_N
ClientSampleId :
BR-03D-490-120325

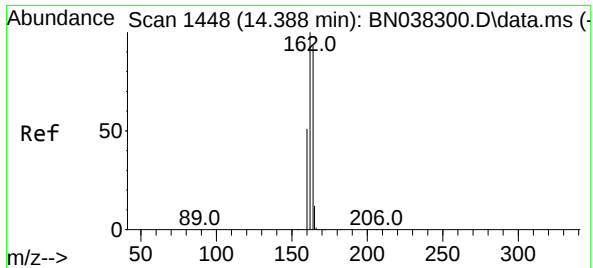
Tgt Ion	Ratio	Lower	Upper
128	100		
129	16.2	9.1	13.7#
127	16.5	10.9	16.3#



#11
2-Methylnaphthalene-d10
Concen: 0.307 ng
RT: 12.126 min Scan# 1145
Delta R.T. -0.000 min
Lab File: BN038313.D
Acq: 11 Dec 2025 12:25

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.4	17.0	25.6

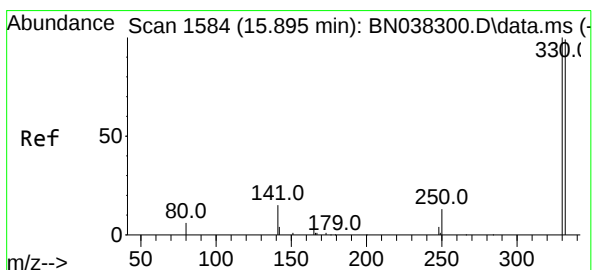
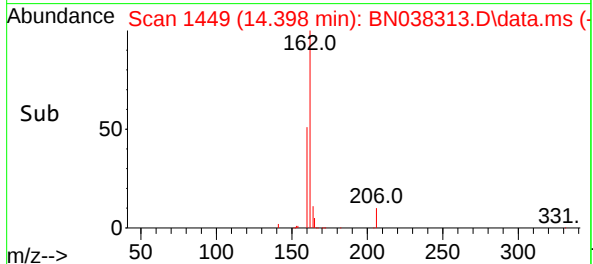
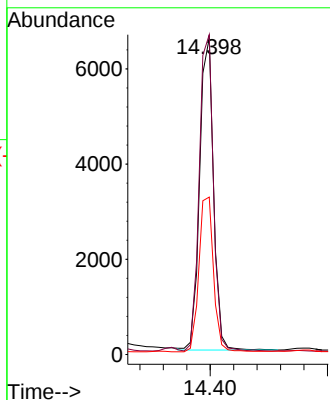
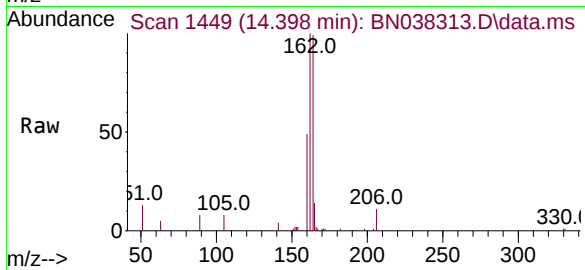




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.398 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BN038313.D
Acq: 11 Dec 2025 12:25

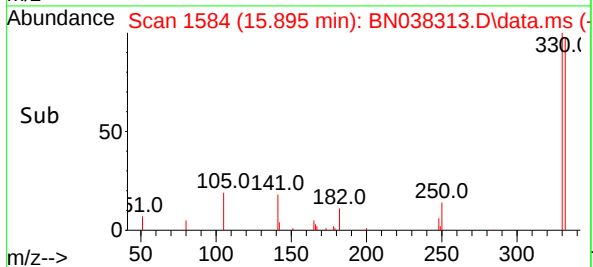
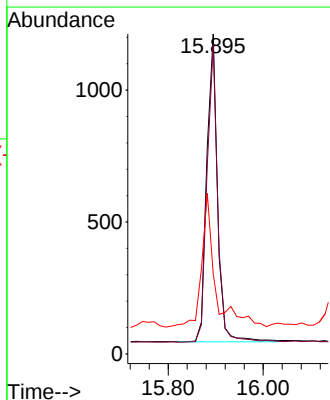
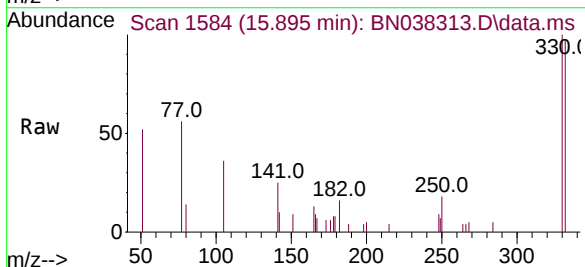
Instrument :
BNA_N
ClientSampleId :
BR-03D-490-120325

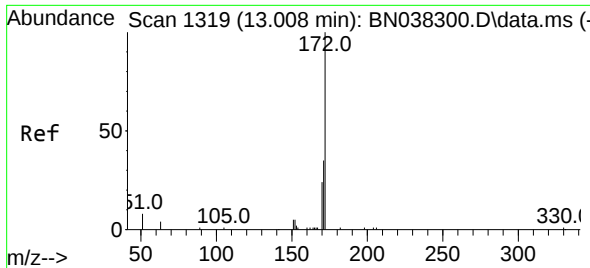
Tgt Ion:164 Resp: 10732
Ion Ratio Lower Upper
164 100
162 101.1 86.2 129.4
160 49.8 44.6 67.0



#14
2,4,6-Tribromophenol
Concen: 0.384 ng
RT: 15.895 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BN038313.D
Acq: 11 Dec 2025 12:25

Tgt Ion:330 Resp: 1828
Ion Ratio Lower Upper
330 100
332 95.7 75.8 113.6
141 45.1 31.8 47.8

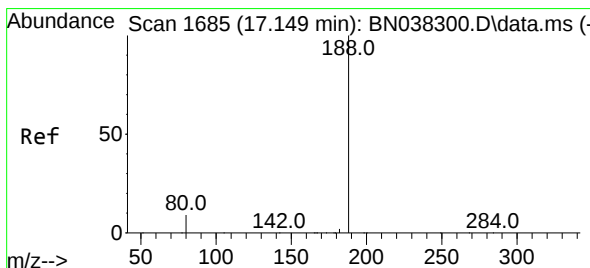
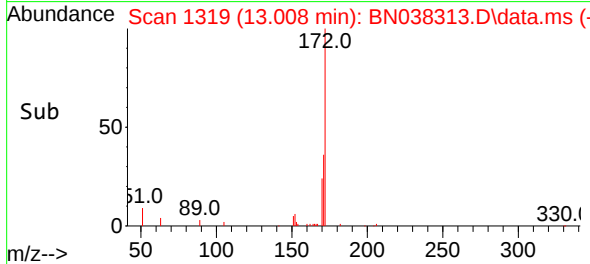
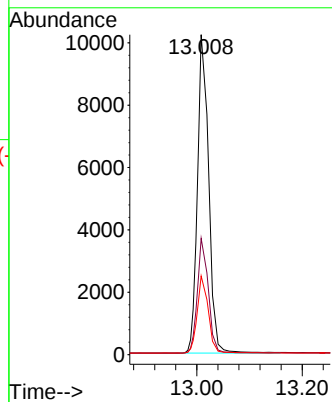
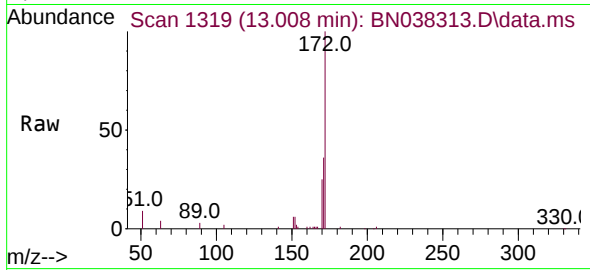




#15
2-Fluorobiphenyl
Concen: 0.328 ng
RT: 13.008 min Scan# 1319
Delta R.T. -0.000 min
Lab File: BN038313.D
Acq: 11 Dec 2025 12:25

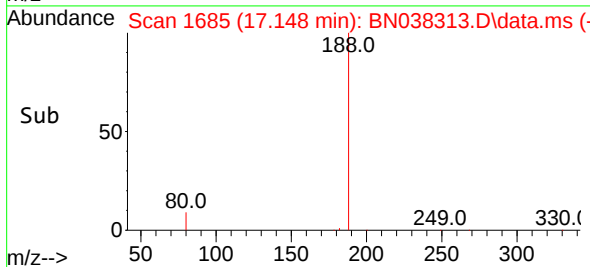
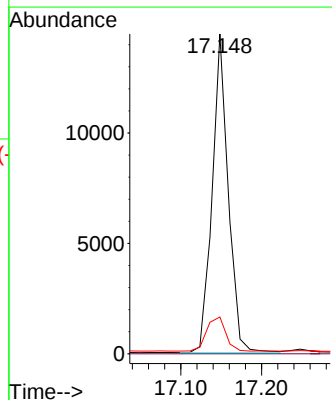
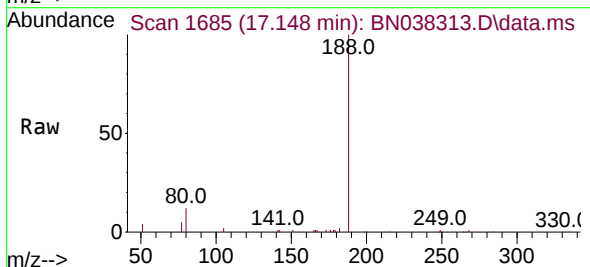
Instrument :
BNA_N
ClientSampleId :
BR-03D-490-120325

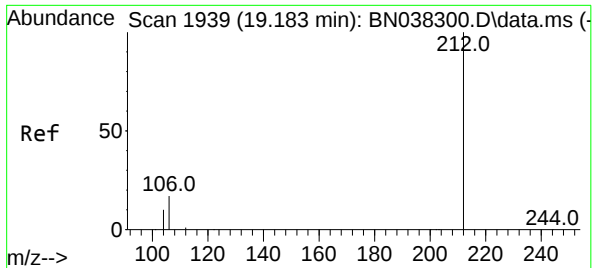
Tgt Ion:	172	Resp:	16951
Ion Ratio	Lower	Upper	
172	100		
171	36.3	28.6	42.8
170	24.6	19.3	28.9



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.148 min Scan# 1685
Delta R.T. -0.000 min
Lab File: BN038313.D
Acq: 11 Dec 2025 12:25

Tgt Ion:	188	Resp:	19954
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	11.5	7.4	11.0

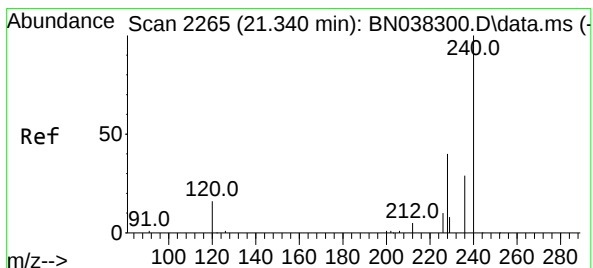
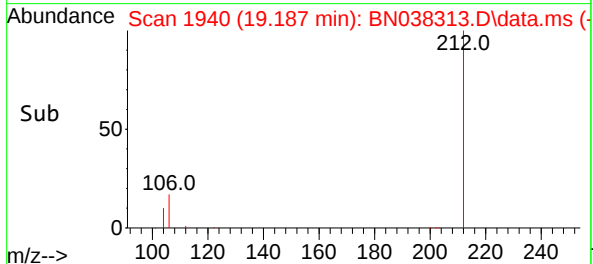
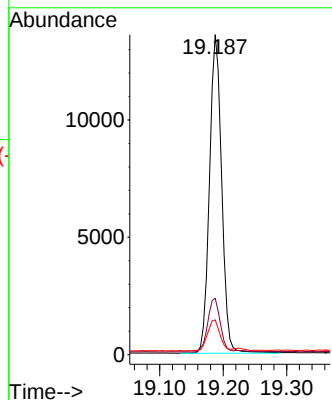
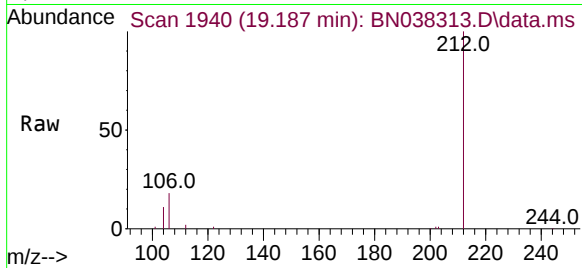




#27
Fluoranthene-d10
Concen: 0.367 ng
RT: 19.187 min Scan# 19
Delta R.T. -0.000 min
Lab File: BN038313.D
Acq: 11 Dec 2025 12:25

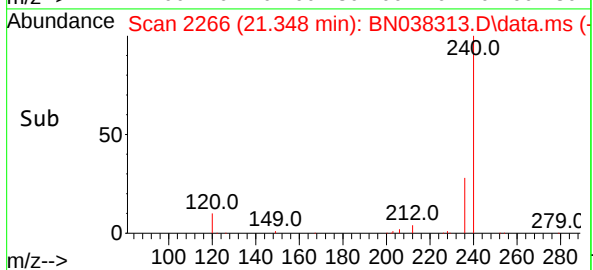
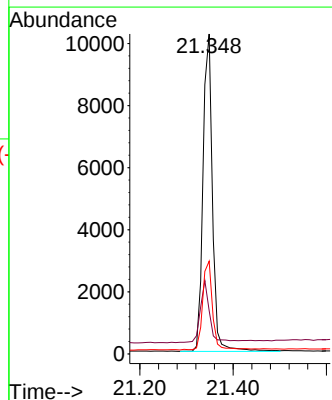
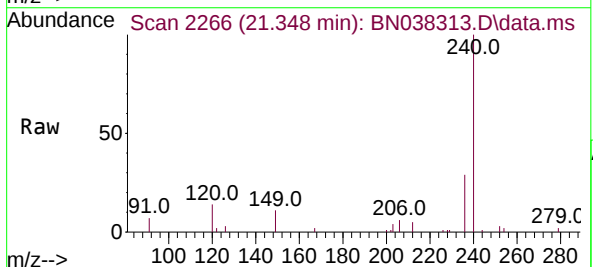
Instrument :
BNA_N
ClientSampleId :
BR-03D-490-120325

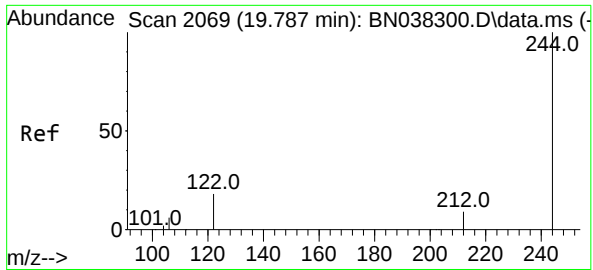
Tgt Ion	Ratio	Lower	Upper
212	100		
106	17.2	13.7	20.5
104	9.9	7.8	11.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.348 min Scan# 2266
Delta R.T. 0.009 min
Lab File: BN038313.D
Acq: 11 Dec 2025 12:25

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.5	15.4	23.2
236	29.0	23.9	35.9

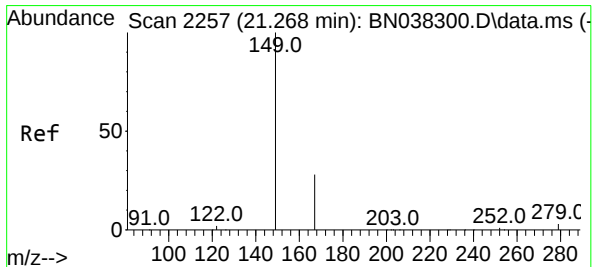
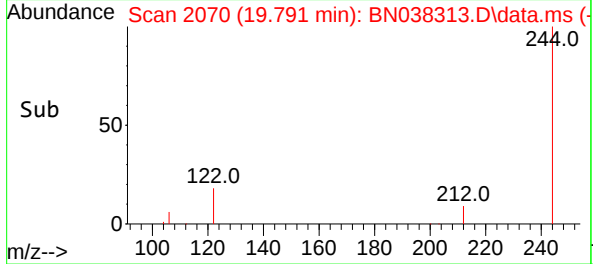
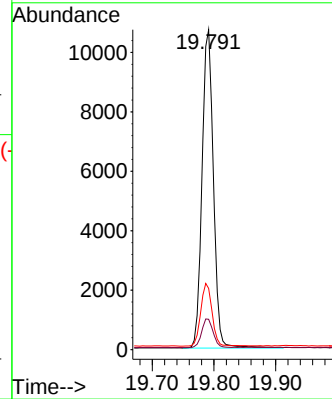
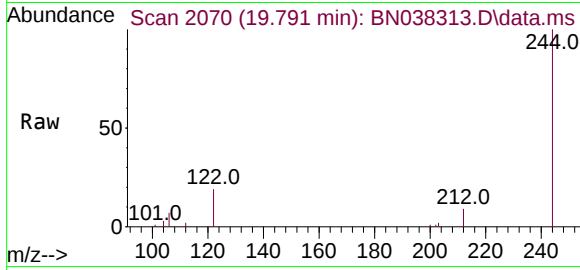




#31
Terphenyl-d14
Concen: 0.428 ng
RT: 19.791 min Scan# 2069
Delta R.T. -0.000 min
Lab File: BN038313.D
Acq: 11 Dec 2025 12:25

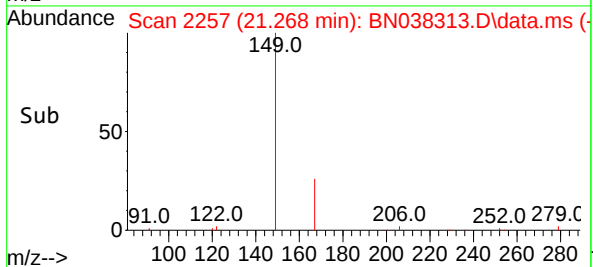
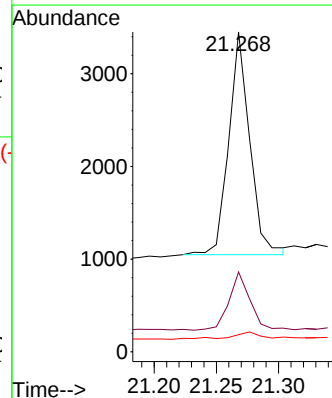
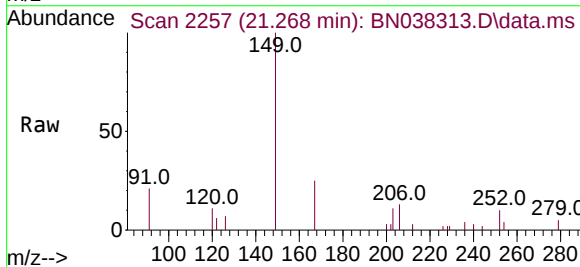
Instrument :
BNA_N
ClientSampleId :
BR-03D-490-120325

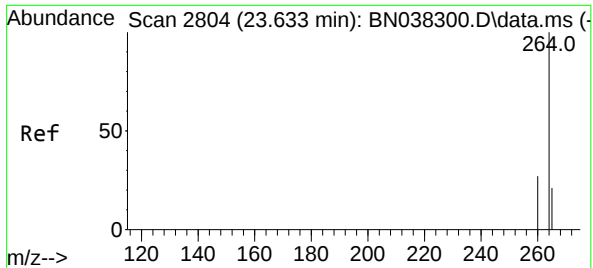
Tgt Ion:244 Resp: 13649
Ion Ratio Lower Upper
244 100
212 9.5 7.9 11.9
122 19.1 15.0 22.6



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.093 ng
RT: 21.268 min Scan# 2257
Delta R.T. -0.000 min
Lab File: BN038313.D
Acq: 11 Dec 2025 12:25

Tgt Ion:149 Resp: 2816
Ion Ratio Lower Upper
149 100
167 26.4 21.4 32.0
279 3.7 2.4 3.6#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.636 min Scan# 2805

Delta R.T. 0.003 min

Lab File: BN038313.D

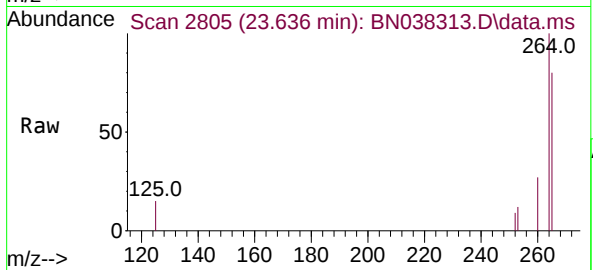
Acq: 11 Dec 2025 12:25

Instrument :

BNA_N

ClientSampleId :

BR-03D-490-120325



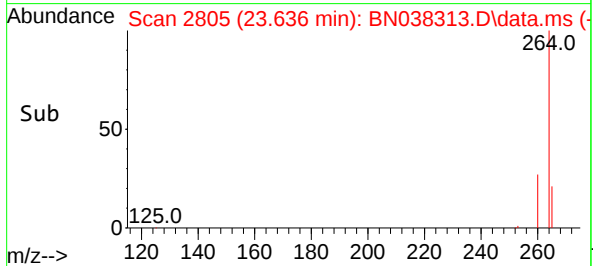
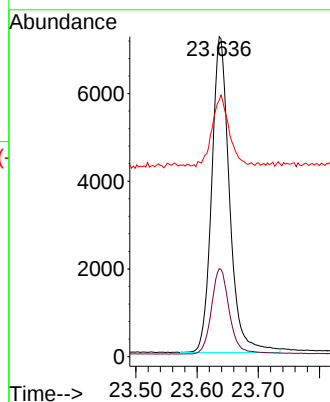
Tgt Ion:264 Resp: 14578

Ion Ratio Lower Upper

264 100

260 27.5 22.2 33.2

265 80.2 80.2 120.2#



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121125\
 Data File : BN038333.D
 Acq On : 12 Dec 2025 01:49
 Operator : RC/JU
 Sample : Q3757-03DL 10X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BR-03D-490-120325DL

Quant Time: Dec 12 04:17:19 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 10 13:56:50 2025
 Response via : Initial Calibration

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

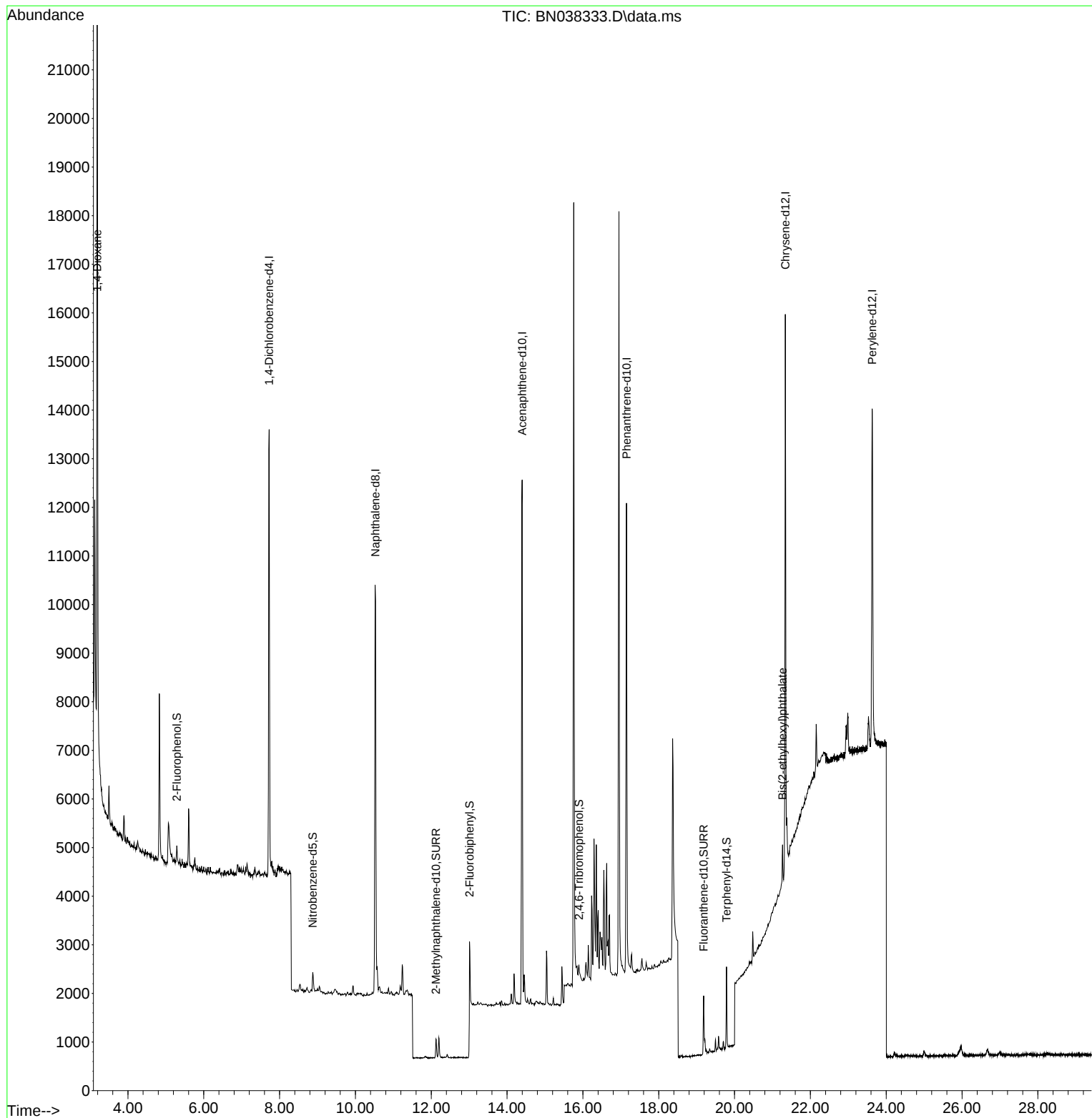
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	4723	0.400	ng	0.00
7) Naphthalene-d8	10.530	136	12829	0.400	ng	0.00
13) Acenaphthene-d10	14.398	164	6799	0.400	ng	0.00
19) Phenanthrene-d10	17.148	188	13086	0.400	ng	# 0.00
29) Chrysene-d12	21.340	240	10141	0.400	ng	0.00
35) Perylene-d12	23.630	264	10159	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.290	112	286	0.024	ng	0.00
5) Phenol-d6	6.887	99	237	0.017	ng	0.00
8) Nitrobenzene-d5	8.875	82	384	0.035	ng	0.00
11) 2-Methylnaphthalene-d10	12.126	152	623	0.034	ng	0.00
14) 2,4,6-Tribromophenol	15.895	330	166	0.055	ng	0.00
15) 2-Fluorobiphenyl	13.008	172	1335	0.041	ng	0.00
27) Fluoranthene-d10	19.183	212	1374	0.042	ng	0.00
31) Terphenyl-d14	19.787	244	1628	0.072	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.189	88	11881	2.194	ng	96
34) Bis(2-ethylhexyl)phtha...	21.268	149	1001	0.047	ng	# 91

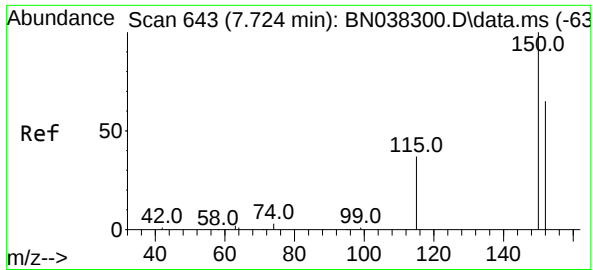
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121125\
Data File : BN038333.D
Acq On : 12 Dec 2025 01:49
Operator : RC/JU
Sample : Q3757-03DL 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BR-03D-490-120325DL

Quant Time: Dec 12 04:17:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 10 13:56:50 2025
Response via : Initial Calibration

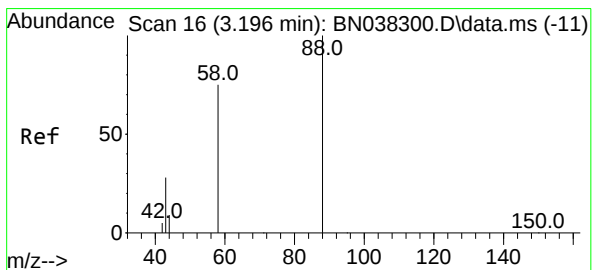
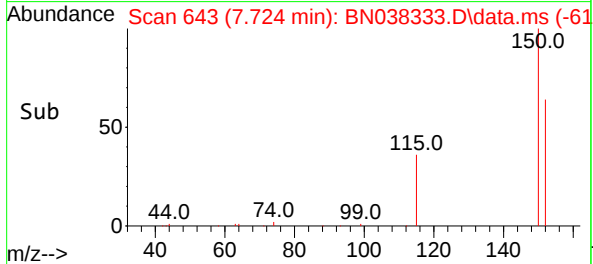
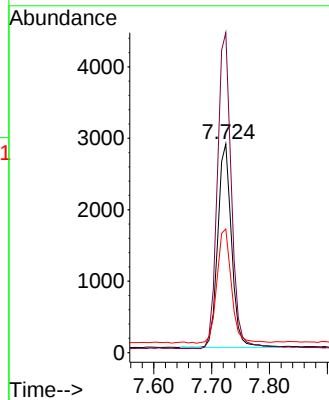
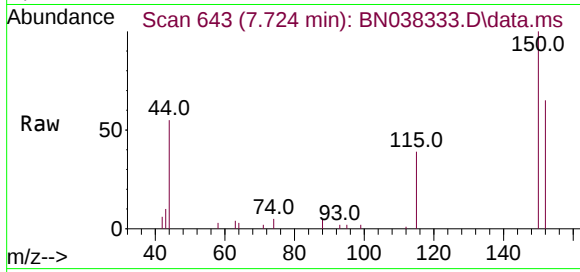




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.724 min Scan# 64
Delta R.T. 0.000 min
Lab File: BN038333.D
Acq: 12 Dec 2025 01:49

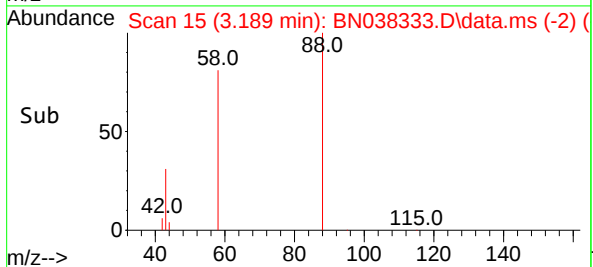
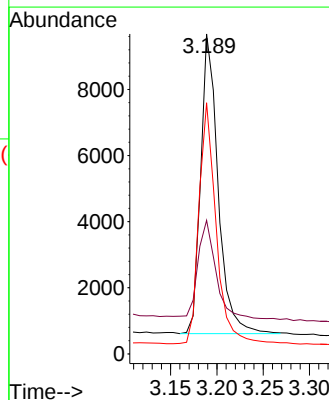
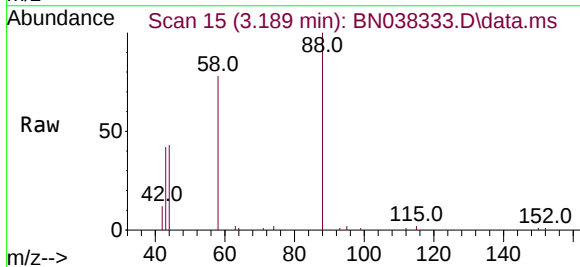
Instrument :
BNA_N
ClientSampleId :
BR-03D-490-120325DL

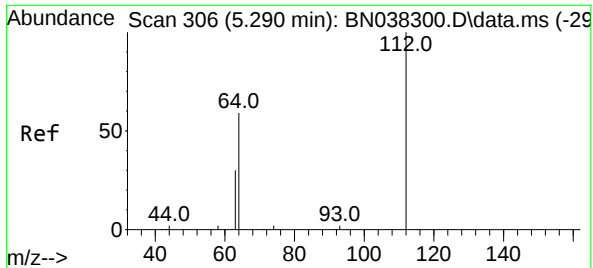
Tgt Ion:152 Resp: 4723
Ion Ratio Lower Upper
152 100
150 153.3 122.4 183.6
115 59.2 47.3 70.9



#2
1,4-Dioxane
Concen: 2.194 ng
RT: 3.189 min Scan# 15
Delta R.T. -0.007 min
Lab File: BN038333.D
Acq: 12 Dec 2025 01:49

Tgt Ion: 88 Resp: 11881
Ion Ratio Lower Upper
88 100
43 35.0 24.9 37.3
58 79.1 61.4 92.0

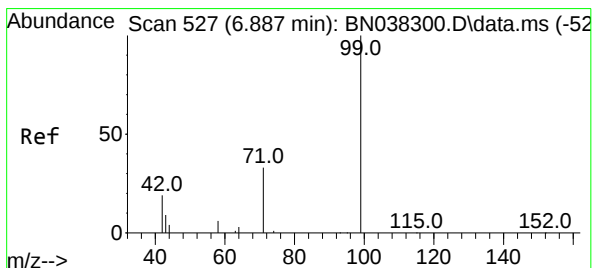
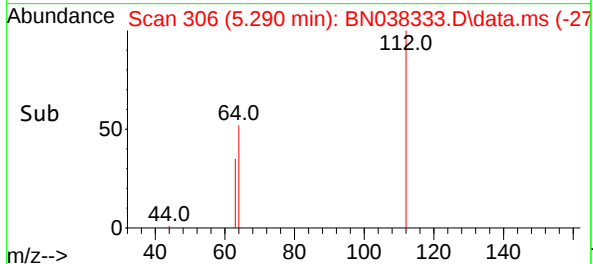
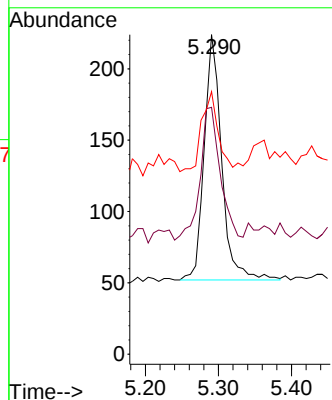
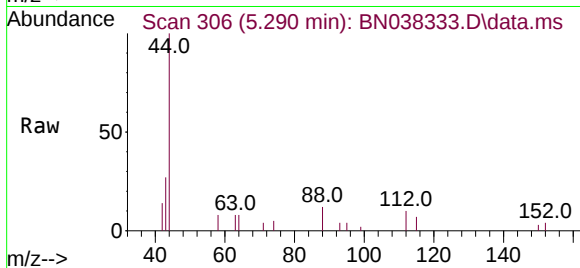




#4
2-Fluorophenol
Concen: 0.024 ng
RT: 5.290 min Scan# 306
Delta R.T. 0.000 min
Lab File: BN038333.D
Acq: 12 Dec 2025 01:49

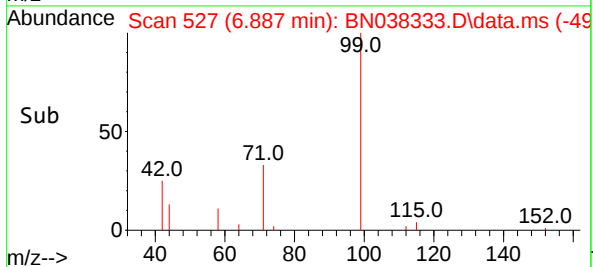
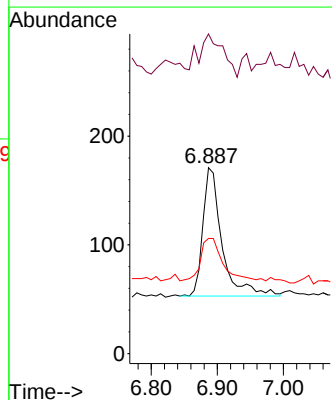
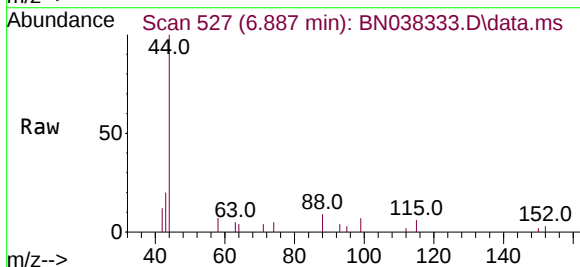
Instrument :
BNA_N
ClientSampleId :
BR-03D-490-120325DL

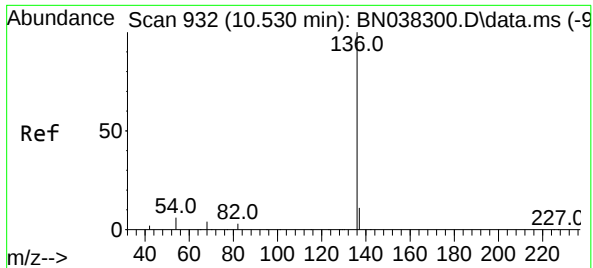
Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.6	44.4	66.6
63	27.3	23.4	35.0



#5
Phenol-d6
Concen: 0.017 ng
RT: 6.887 min Scan# 527
Delta R.T. 0.000 min
Lab File: BN038333.D
Acq: 12 Dec 2025 01:49

Tgt Ion	Ratio	Lower	Upper
99	100		
42	42.2	16.5	24.7
71	35.9	24.9	37.3

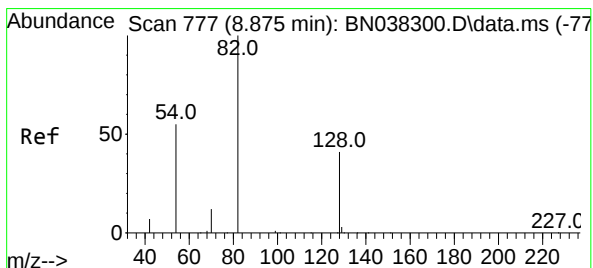
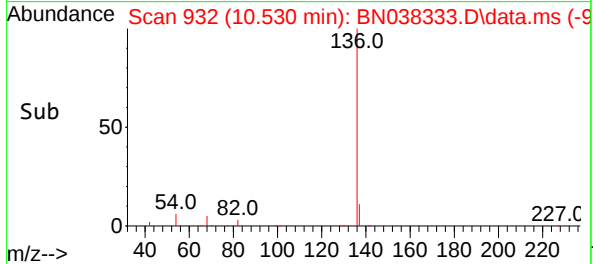
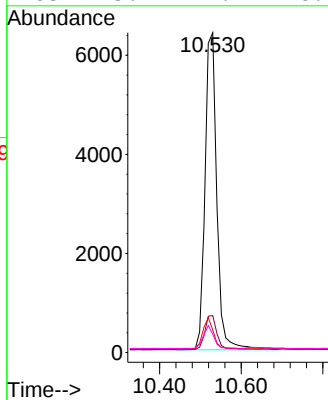
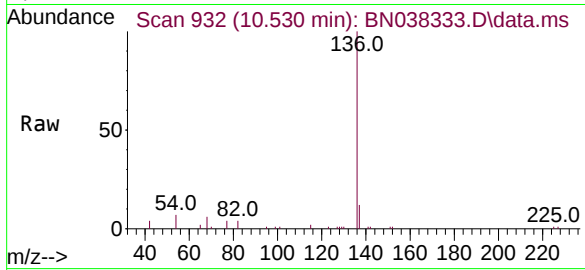




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.530 min Scan# 932
Delta R.T. 0.000 min
Lab File: BN038333.D
Acq: 12 Dec 2025 01:49

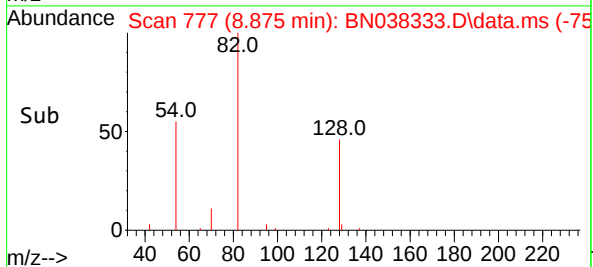
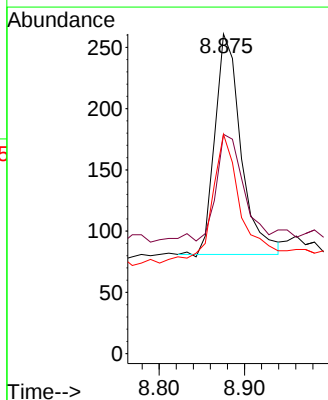
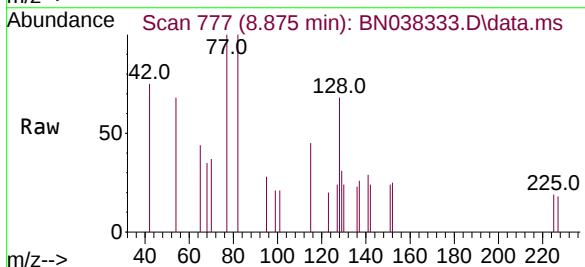
Instrument :
BNA_N
ClientSampleId :
BR-03D-490-120325DL

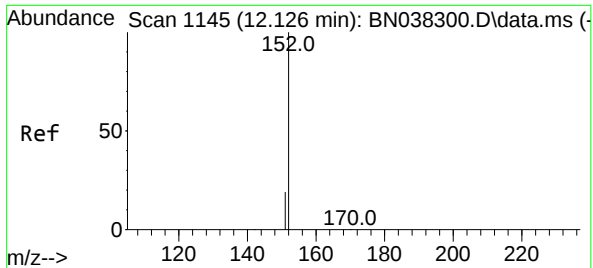
Tgt Ion:	136	Resp:	12829
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	7.1	5.2	7.8
68	5.7	4.1	6.1



#8
Nitrobenzene-d5
Concen: 0.035 ng
RT: 8.875 min Scan# 777
Delta R.T. 0.000 min
Lab File: BN038333.D
Acq: 12 Dec 2025 01:49

Tgt Ion:	82	Resp:	384
Ion	Ratio	Lower	Upper
82	100		
128	68.6	34.0	51.0#
54	68.6	44.4	66.6#

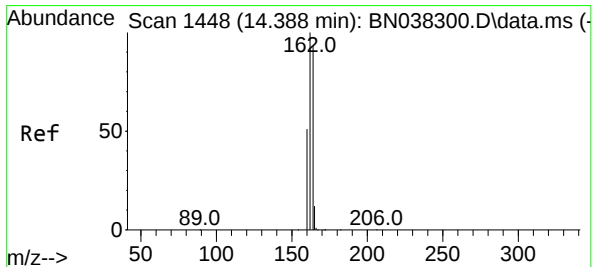
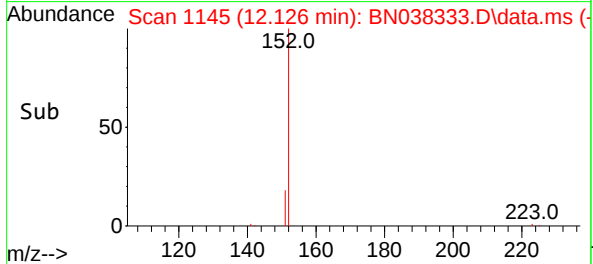
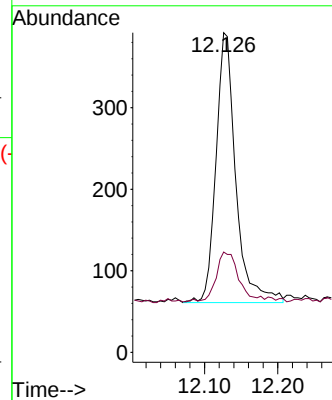
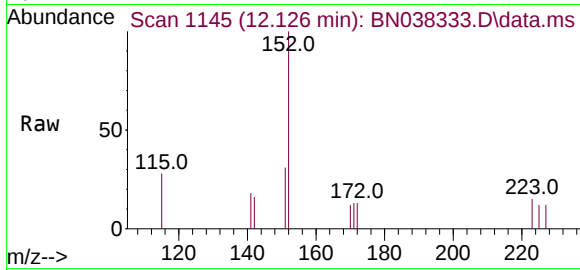




#11
2-Methylnaphthalene-d10
Concen: 0.034 ng
RT: 12.126 min Scan# 1145
Delta R.T. 0.000 min
Lab File: BN038333.D
Acq: 12 Dec 2025 01:49

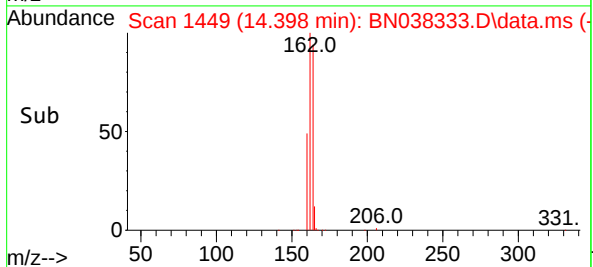
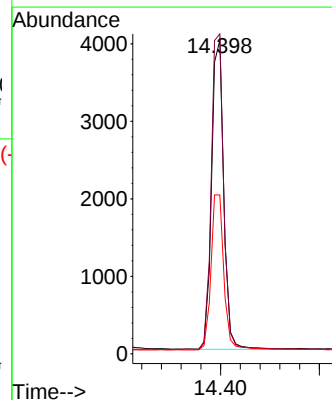
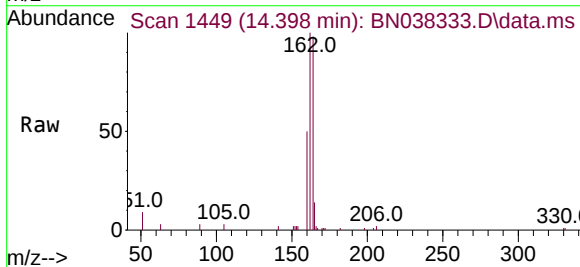
Instrument :
BNA_N
ClientSampleId :
BR-03D-490-120325DL

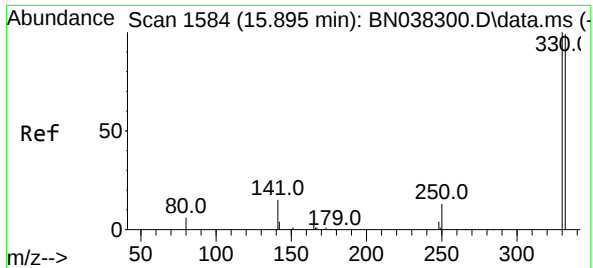
Tgt Ion:152 Resp: 623
Ion Ratio Lower Upper
152 100
151 21.7 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.398 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BN038333.D
Acq: 12 Dec 2025 01:49

Tgt Ion:164 Resp: 6799
Ion Ratio Lower Upper
164 100
162 102.0 86.2 129.4
160 50.7 44.6 67.0





#14

2,4,6-Tribromophenol

Concen: 0.055 ng

RT: 15.895 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN038333.D

Acq: 12 Dec 2025 01:49

Instrument :

BNA_N

ClientSampleId :

BR-03D-490-120325DL

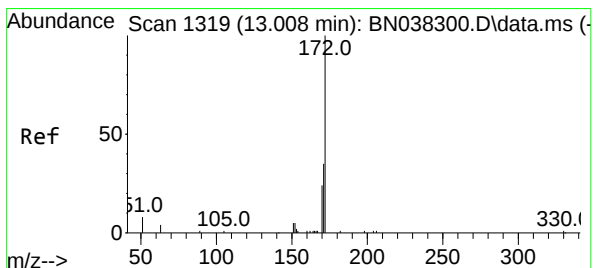
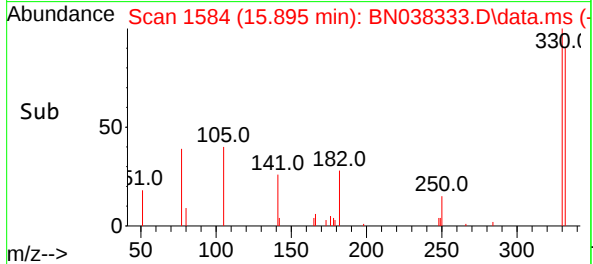
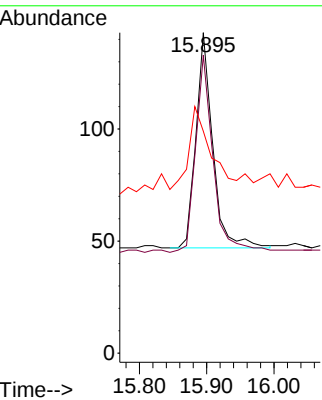
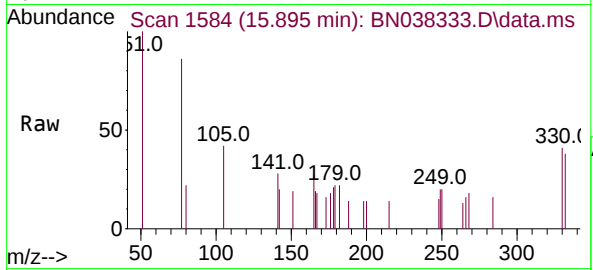
Tgt Ion:330 Resp: 166

Ion Ratio Lower Upper

330 100

332 98.2 75.8 113.6

141 50.0 31.8 47.8#



#15

2-Fluorobiphenyl

Concen: 0.041 ng

RT: 13.008 min Scan# 1319

Delta R.T. 0.000 min

Lab File: BN038333.D

Acq: 12 Dec 2025 01:49

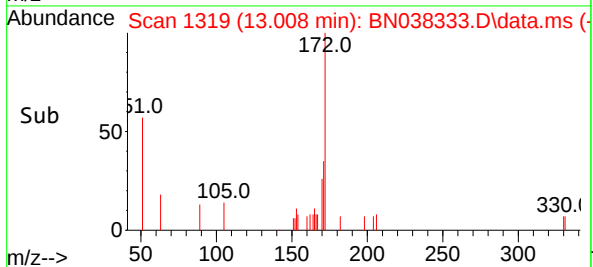
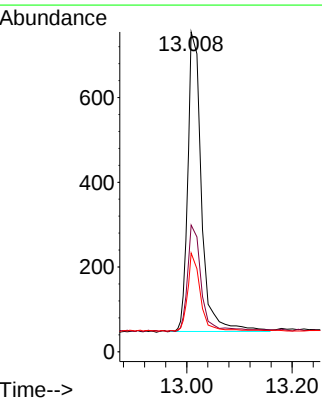
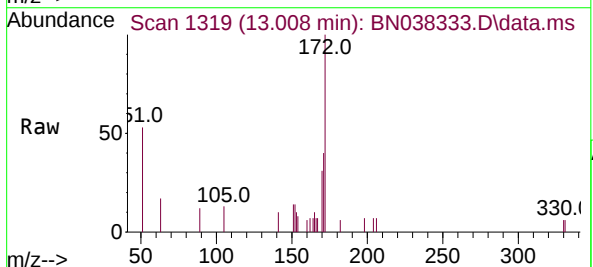
Tgt Ion:172 Resp: 1335

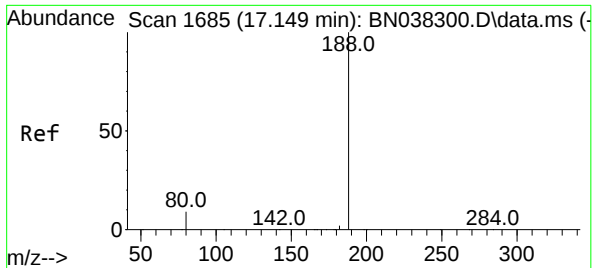
Ion Ratio Lower Upper

172 100

171 39.6 28.6 42.8

170 30.9 19.3 28.9#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.148 min Scan# 1685

Delta R.T. 0.000 min

Lab File: BN038333.D

Acq: 12 Dec 2025 01:49

Instrument :

BNA_N

ClientSampleId :

BR-03D-490-120325DL

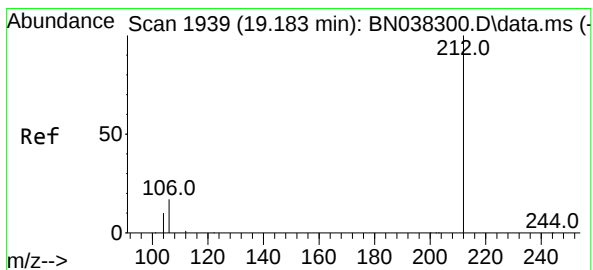
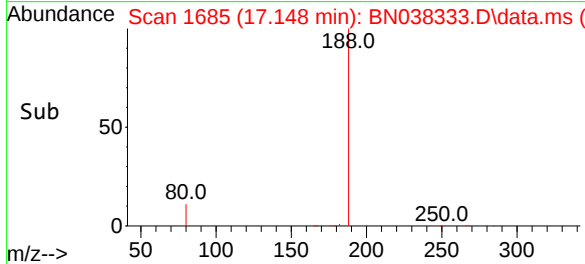
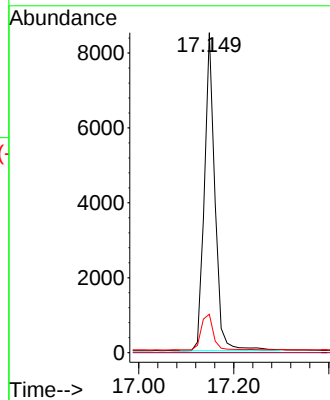
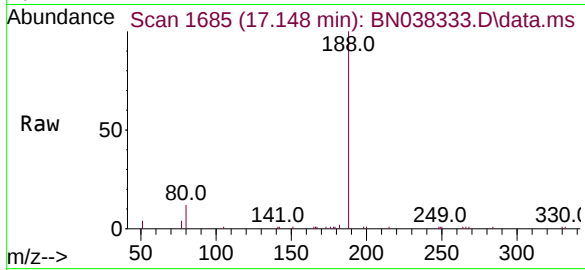
Tgt Ion:188 Resp: 13086

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.0 7.4 11.0#



#27

Fluoranthene-d10

Concen: 0.042 ng

RT: 19.183 min Scan# 1939

Delta R.T. -0.005 min

Lab File: BN038333.D

Acq: 12 Dec 2025 01:49

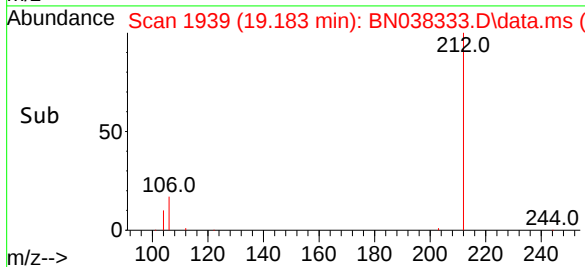
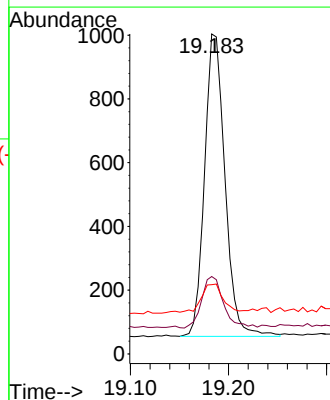
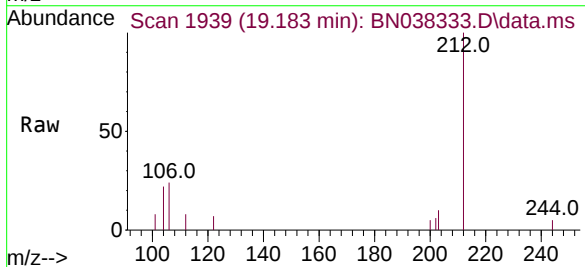
Tgt Ion:212 Resp: 1374

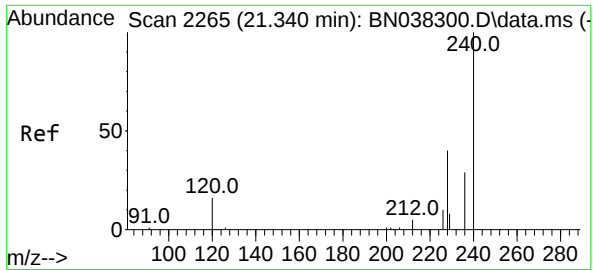
Ion Ratio Lower Upper

212 100

106 18.3 13.7 20.5

104 10.6 7.8 11.8

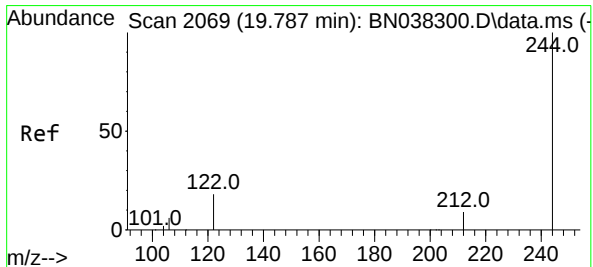
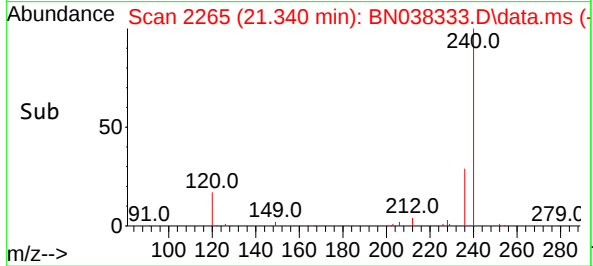
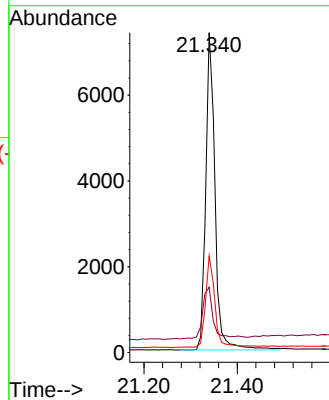
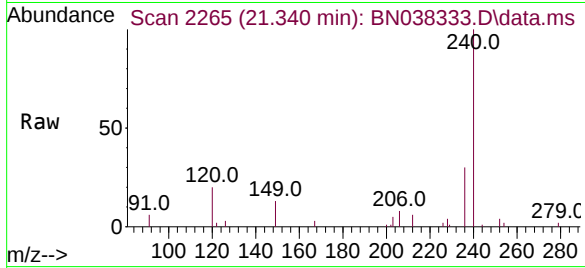




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.340 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN038333.D
Acq: 12 Dec 2025 01:49

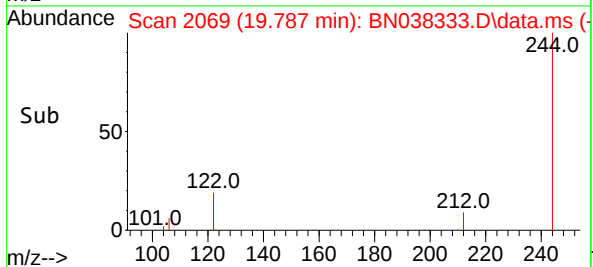
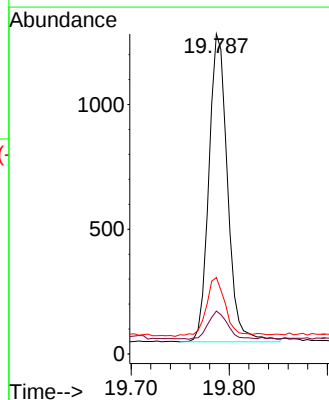
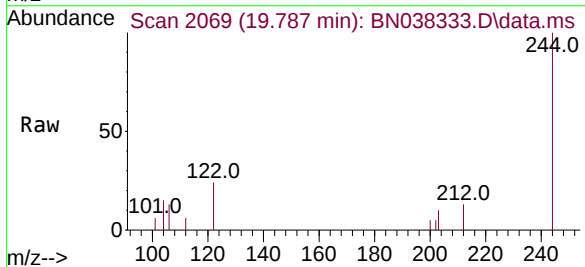
Instrument :
BNA_N
ClientSampleId :
BR-03D-490-120325DL

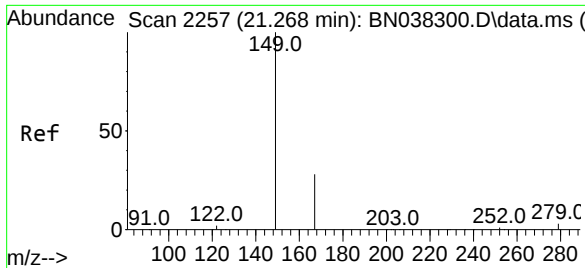
Tgt Ion:	240	Resp:	10141
Ion Ratio	Lower	Upper	
240	100		
120	20.4	15.4	23.2
236	30.2	23.9	35.9



#31
Terphenyl-d14
Concen: 0.072 ng
RT: 19.787 min Scan# 2069
Delta R.T. -0.005 min
Lab File: BN038333.D
Acq: 12 Dec 2025 01:49

Tgt Ion:	244	Resp:	1628
Ion Ratio	Lower	Upper	
244	100		
212	13.4	7.9	11.9#
122	23.9	15.0	22.6#

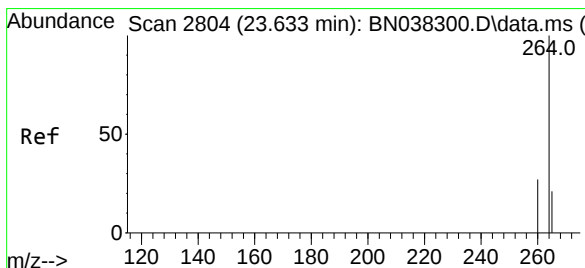
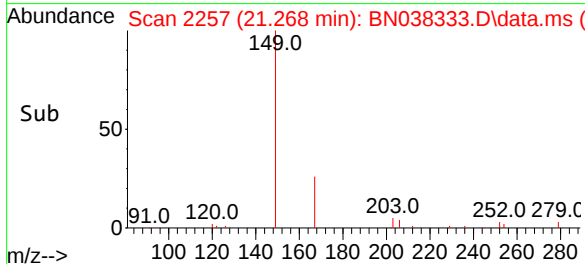
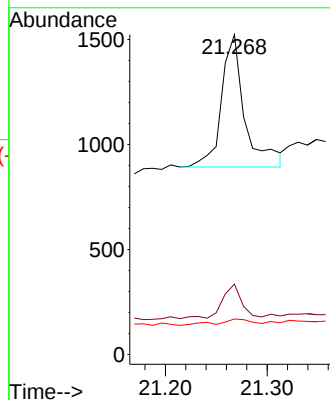
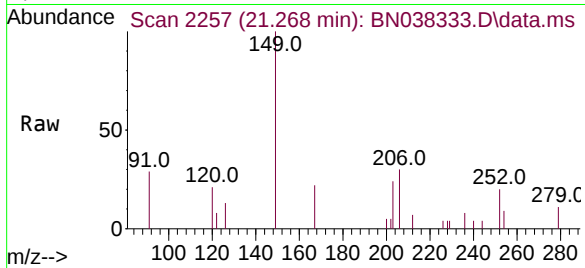




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.047 ng
RT: 21.268 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN038333.D
Acq: 12 Dec 2025 01:49

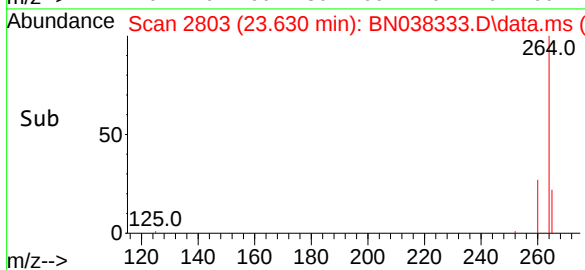
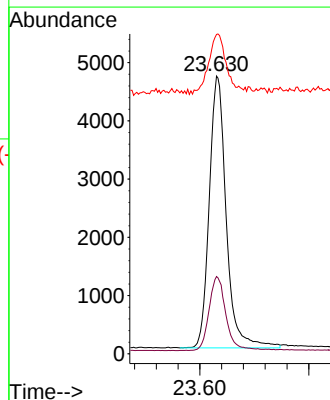
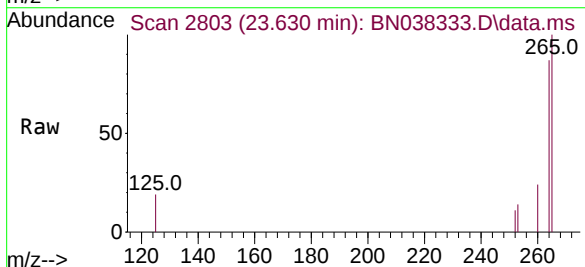
Instrument :
BNA_N
ClientSampleId :
BR-03D-490-120325DL

Tgt Ion:149 Resp: 1001
Ion Ratio Lower Upper
149 100
167 22.1 21.4 32.0
279 7.0 2.4 3.6#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.630 min Scan# 2803
Delta R.T. -0.003 min
Lab File: BN038333.D
Acq: 12 Dec 2025 01:49

Tgt Ion:264 Resp: 10159
Ion Ratio Lower Upper
264 100
260 27.8 22.2 33.2
265 115.0 80.2 120.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121125\
 Data File : BN038314.D
 Acq On : 11 Dec 2025 13:01
 Operator : RC/JU
 Sample : Q3757-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-14B-46-120325

Quant Time: Dec 11 13:29:00 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 10 13:56:50 2025
 Response via : Initial Calibration

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

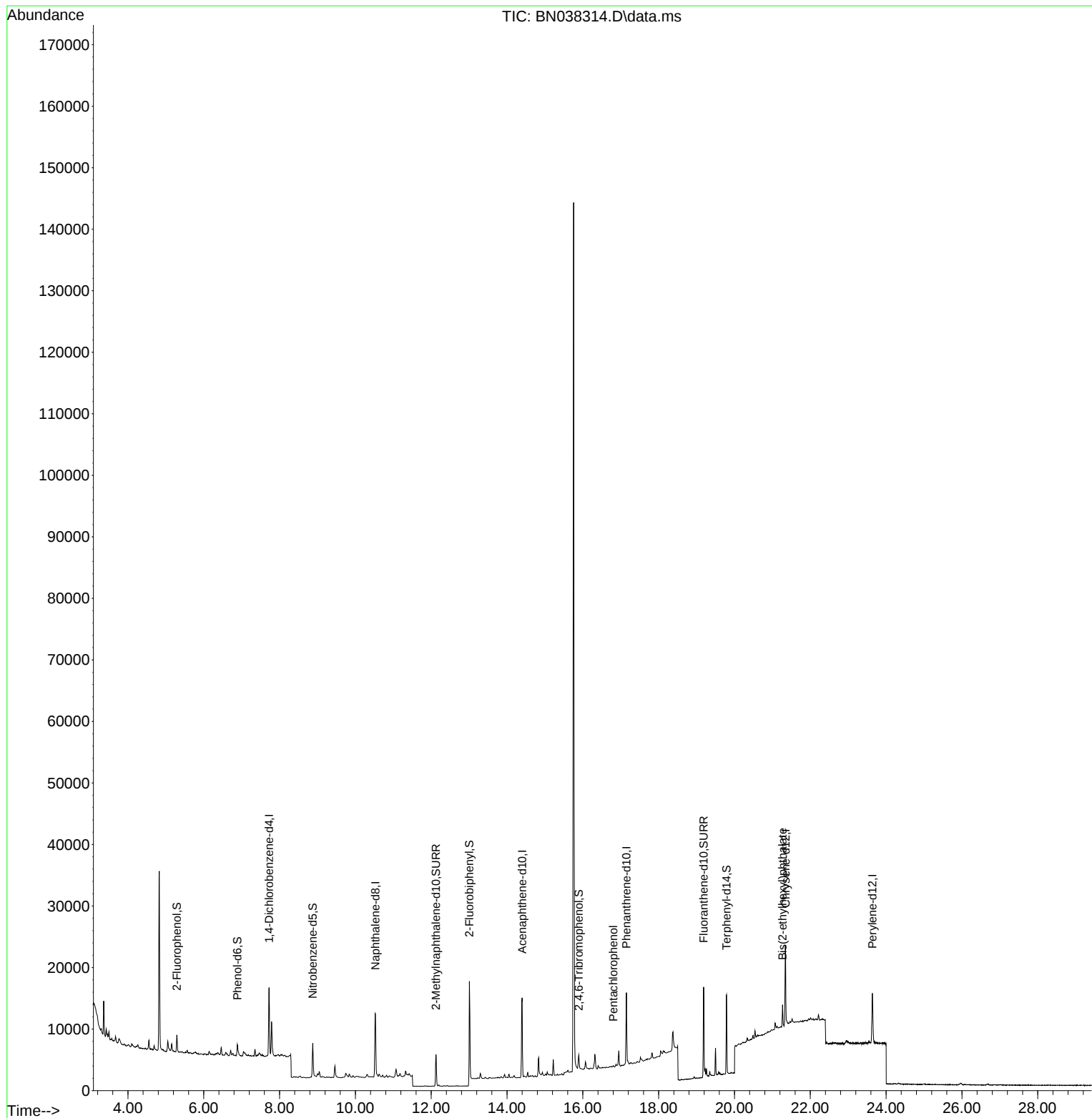
Internal Standards					
1) 1,4-Dichlorobenzene-d4	7.724	152	5537	0.400 ng	0.00
7) Naphthalene-d8	10.530	136	15261	0.400 ng	0.00
13) Acenaphthene-d10	14.398	164	7974	0.400 ng	0.00
19) Phenanthrene-d10	17.148	188	14786	0.400 ng	# 0.00
29) Chrysene-d12	21.348	240	12326	0.400 ng	0.00
35) Perylene-d12	23.639	264	11109	0.400 ng	0.00
System Monitoring Compounds					
4) 2-Fluorophenol	5.290	112	2203	0.160 ng	0.00
5) Phenol-d6	6.886	99	1708	0.104 ng	0.00
8) Nitrobenzene-d5	8.875	82	4665	0.362 ng	0.00
11) 2-Methylnaphthalene-d10	12.126	152	7173	0.333 ng	0.00
14) 2,4,6-Tribromophenol	15.895	330	1318	0.373 ng	0.00
15) 2-Fluorobiphenyl	13.008	172	12904	0.336 ng	0.00
27) Fluoranthene-d10	19.187	212	15499	0.424 ng	0.00
31) Terphenyl-d14	19.791	244	11996	0.436 ng	0.00
Target Compounds					
24) Pentachlorophenol	16.801	266	122	0.024 ng	Qvalue 93
34) Bis(2-ethylhexyl)phtha...	21.268	149	3399	0.130 ng	# 97

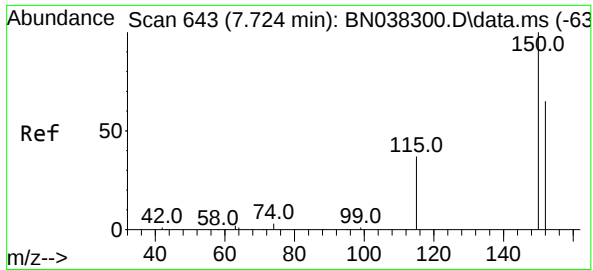
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Data File : BN038314.D
Acq On : 11 Dec 2025 13:01
Operator : RC/JU
Sample : Q3757-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-14B-46-120325

Quant Time: Dec 11 13:29:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 10 13:56:50 2025
Response via : Initial Calibration

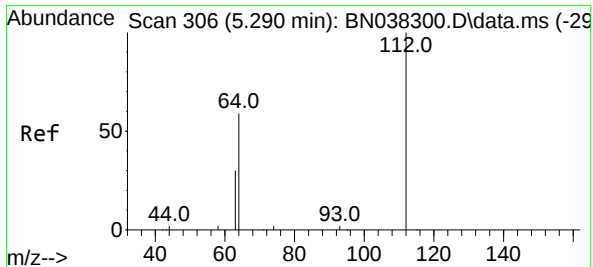
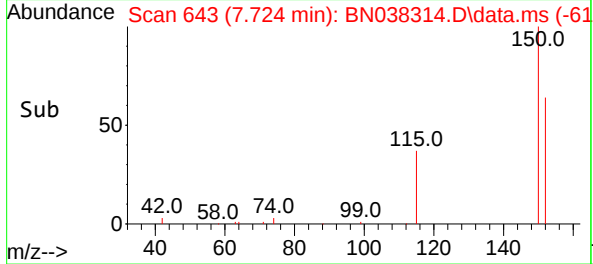
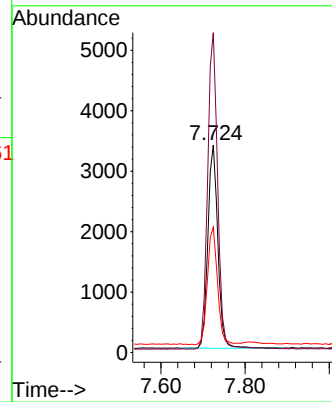
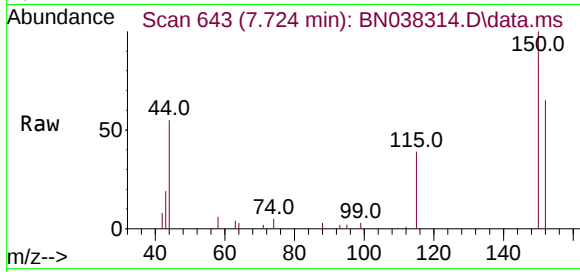




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.724 min Scan# 64
Delta R.T. 0.000 min
Lab File: BN038314.D
Acq: 11 Dec 2025 13:01

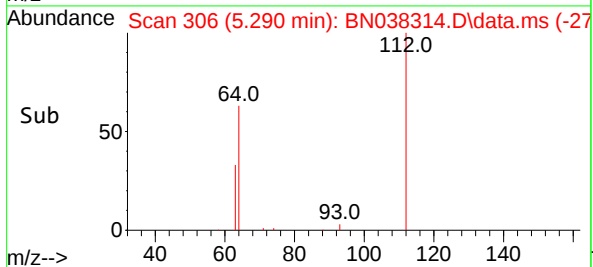
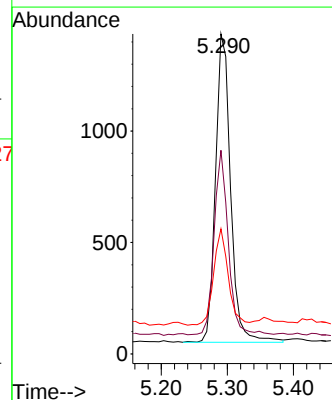
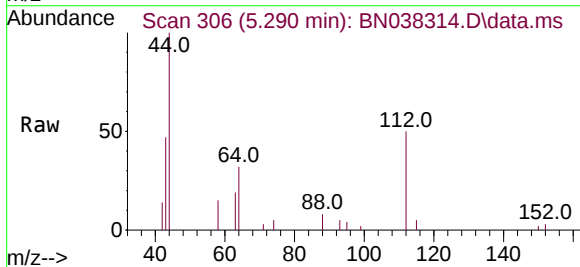
Instrument :
BNA_N
ClientSampleId :
MW-14B-46-120325

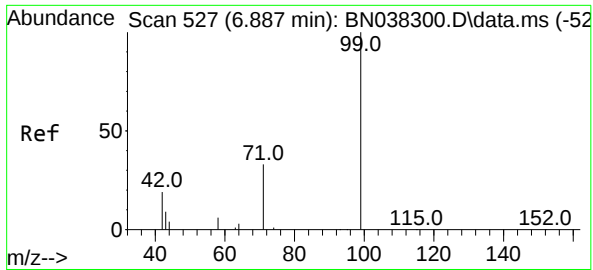
Tgt Ion:152 Resp: 5537
Ion Ratio Lower Upper
152 100
150 154.2 122.4 183.6
115 60.4 47.3 70.9



#4
2-Fluorophenol
Concen: 0.160 ng
RT: 5.290 min Scan# 306
Delta R.T. -0.000 min
Lab File: BN038314.D
Acq: 11 Dec 2025 13:01

Tgt Ion:112 Resp: 2203
Ion Ratio Lower Upper
112 100
64 56.1 44.4 66.6
63 30.3 23.4 35.0

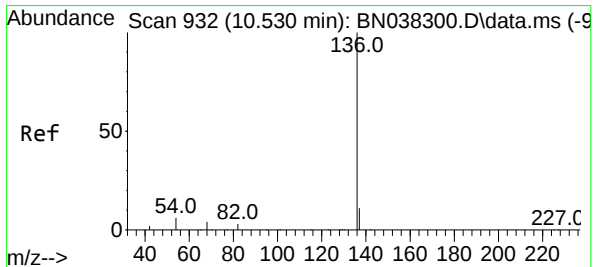
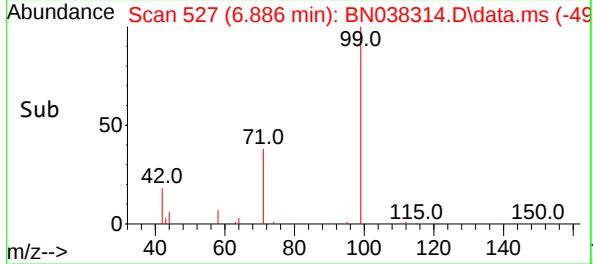
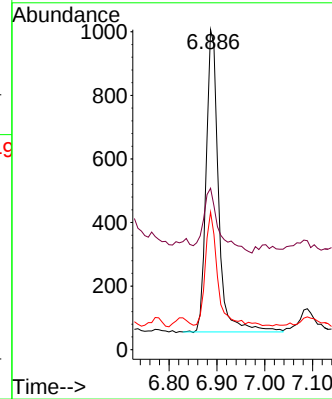
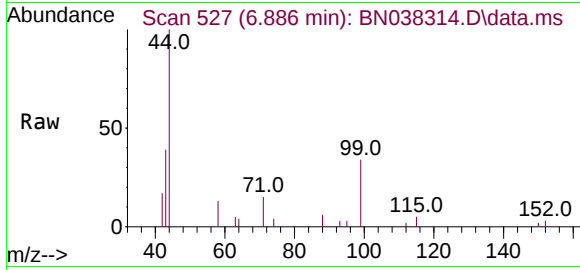




#5
Phenol-d6
Concen: 0.104 ng
RT: 6.886 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN038314.D
Acq: 11 Dec 2025 13:01

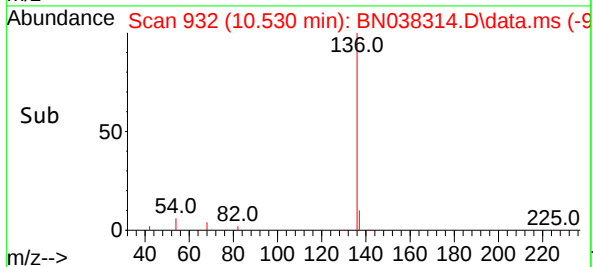
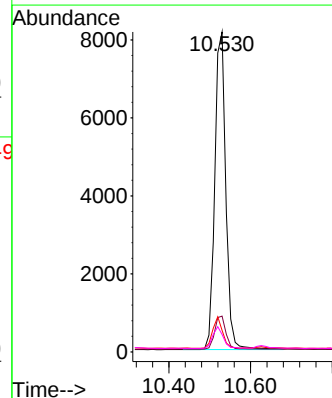
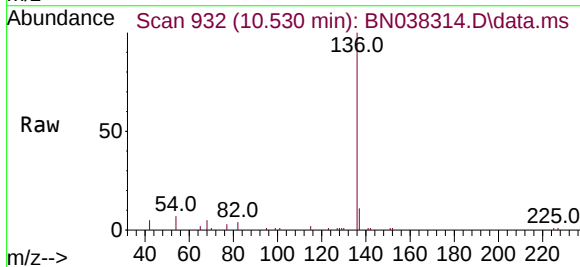
Instrument :
BNA_N
ClientSampleId :
MW-14B-46-120325

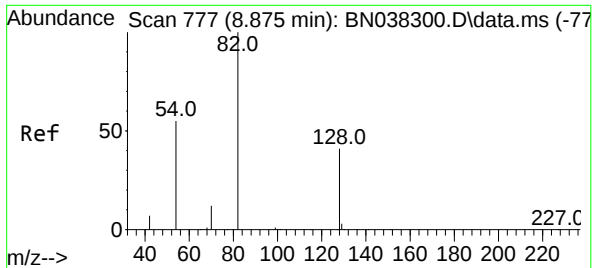
Tgt Ion: 99 Resp: 1708
Ion Ratio Lower Upper
99 100
42 27.0 16.5 24.7#
71 36.6 24.9 37.3



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.530 min Scan# 932
Delta R.T. -0.000 min
Lab File: BN038314.D
Acq: 11 Dec 2025 13:01

Tgt Ion: 136 Resp: 15261
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 6.8 5.2 7.8
68 5.4 4.1 6.1

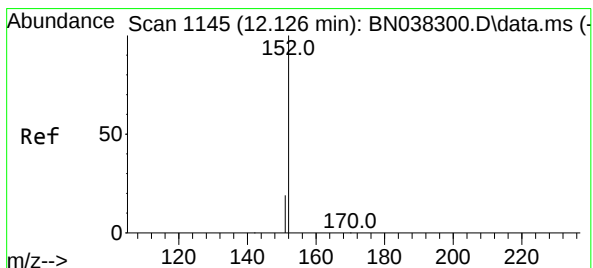
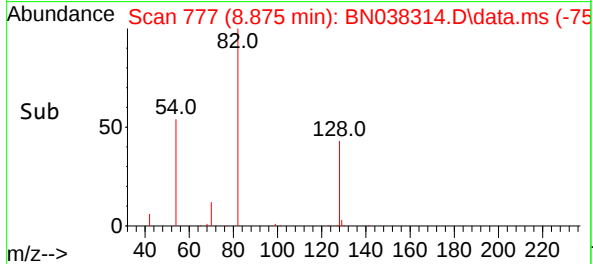
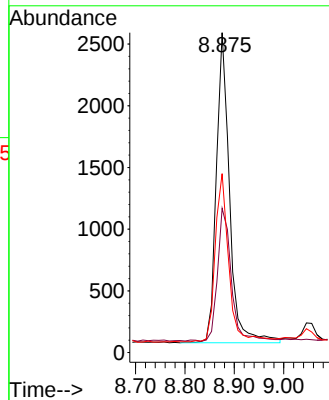
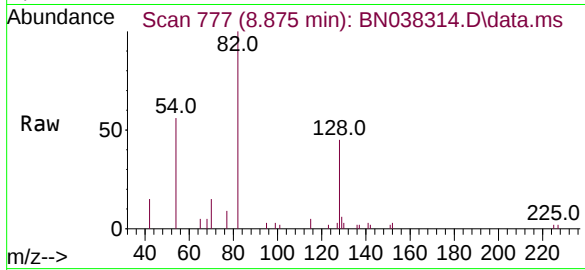




#8
Nitrobenzene-d5
Concen: 0.362 ng
RT: 8.875 min Scan# 777
Delta R.T. -0.000 min
Lab File: BN038314.D
Acq: 11 Dec 2025 13:01

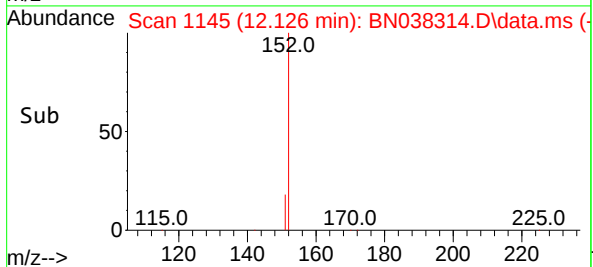
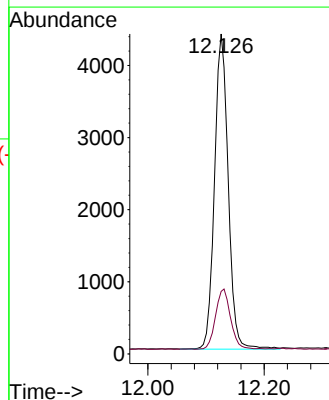
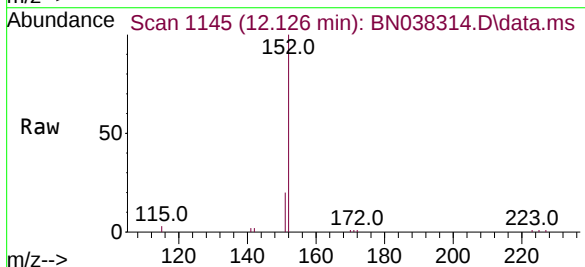
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BNA_N
ClientSampleId :
MW-14B-46-120325

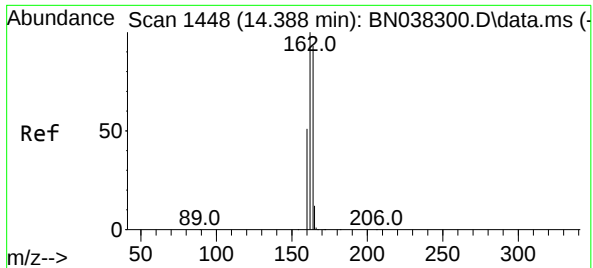
Tgt Ion	82	Resp:	4665
Ion Ratio	Lower	Upper	
82	100		
128	45.1	34.0	51.0
54	55.9	44.4	66.6



#11
2-Methylnaphthalene-d10
Concen: 0.333 ng
RT: 12.126 min Scan# 1145
Delta R.T. -0.000 min
Lab File: BN038314.D
Acq: 11 Dec 2025 13:01

Tgt Ion	152	Resp:	7173
Ion Ratio	Lower	Upper	
152	100		
151	21.1	17.0	25.6

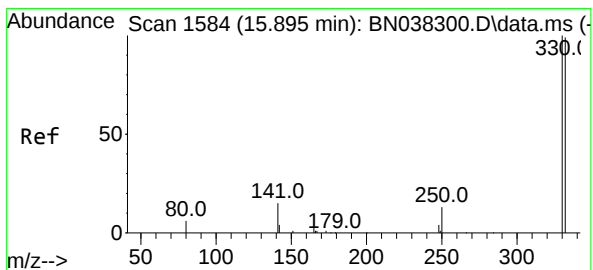
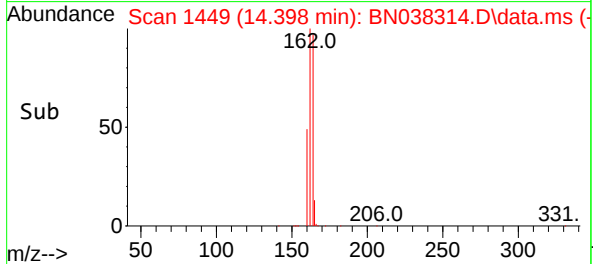
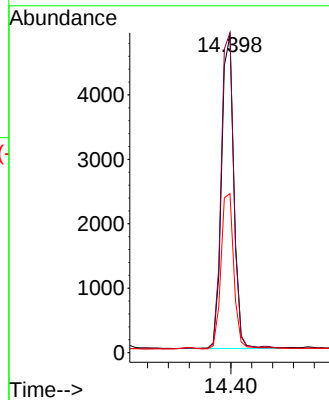
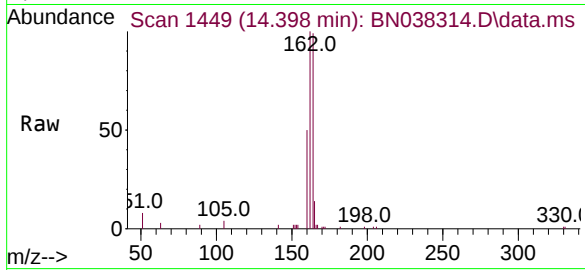




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.398 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BN038314.D
Acq: 11 Dec 2025 13:01

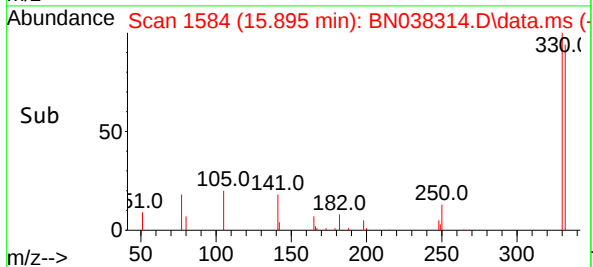
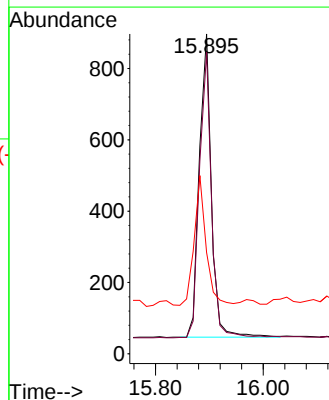
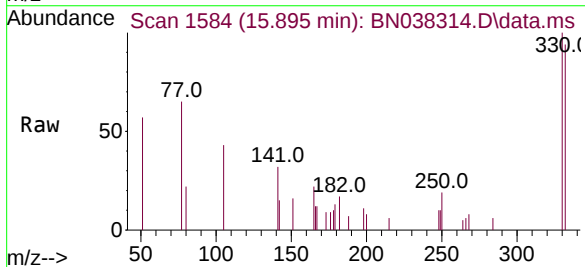
Instrument :
BNA_N
ClientSampleId :
MW-14B-46-120325

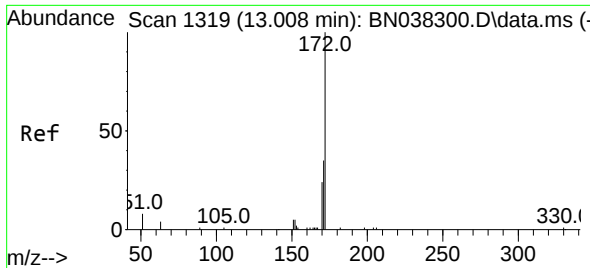
Tgt Ion:164 Resp: 7974
Ion Ratio Lower Upper
164 100
162 101.0 86.2 129.4
160 50.2 44.6 67.0



#14
2,4,6-Tribromophenol
Concen: 0.373 ng
RT: 15.895 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BN038314.D
Acq: 11 Dec 2025 13:01

Tgt Ion:330 Resp: 1318
Ion Ratio Lower Upper
330 100
332 94.6 75.8 113.6
141 42.4 31.8 47.8

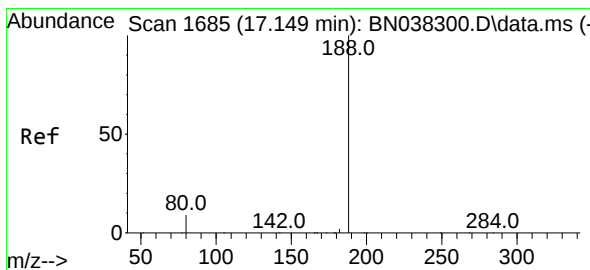
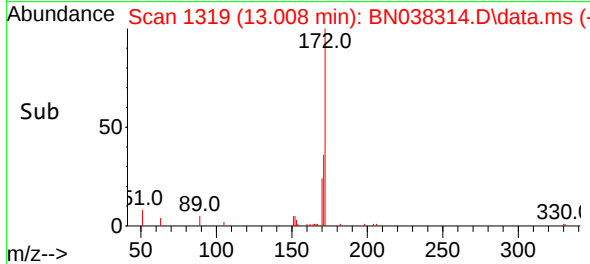
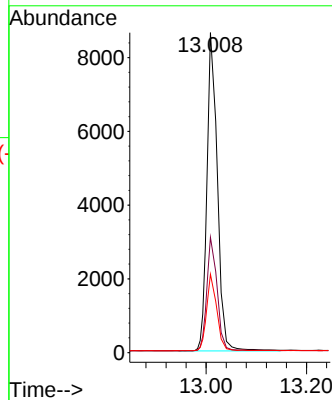
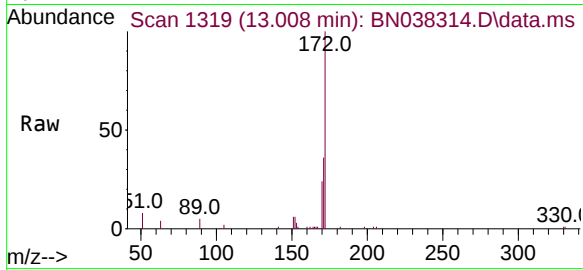




#15
2-Fluorobiphenyl
Concen: 0.336 ng
RT: 13.008 min Scan# 1319
Delta R.T. -0.000 min
Lab File: BN038314.D
Acq: 11 Dec 2025 13:01

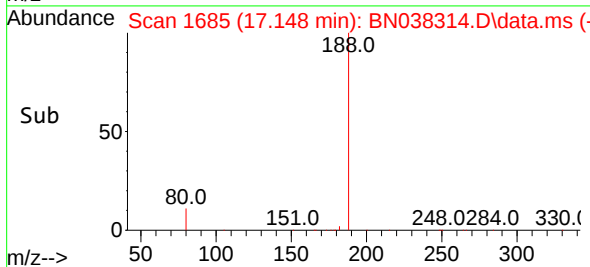
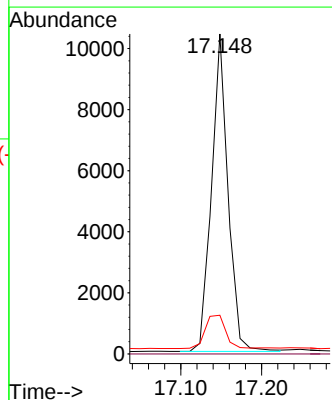
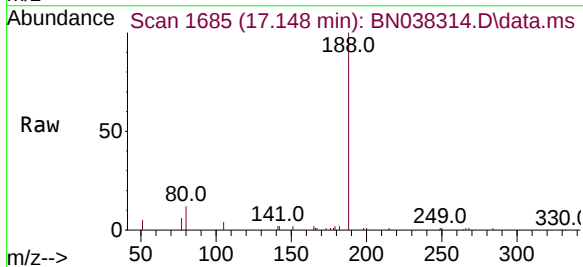
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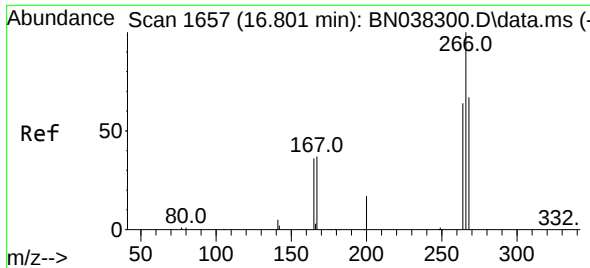
Tgt Ion:	172	Resp:	12904
Ion Ratio	Lower	Upper	
172	100		
171	36.0	28.6	42.8
170	24.5	19.3	28.9



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.148 min Scan# 1685
Delta R.T. -0.000 min
Lab File: BN038314.D
Acq: 11 Dec 2025 13:01

Tgt Ion:	188	Resp:	14786
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	12.1	7.4	11.0

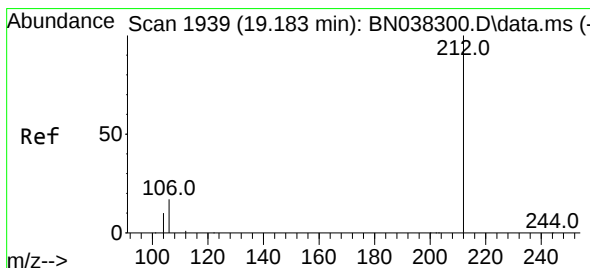
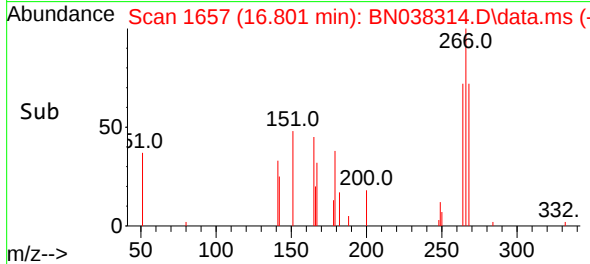
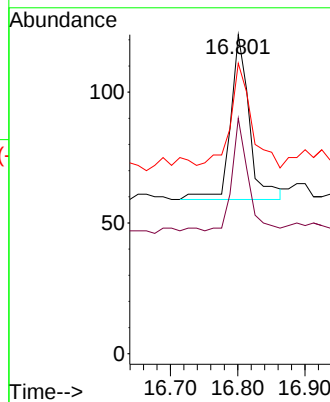
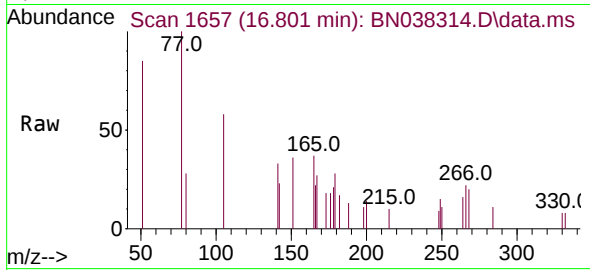




#24
Pentachlorophenol
Concen: 0.024 ng
RT: 16.801 min Scan# 1657
Delta R.T. -0.000 min
Lab File: BN038314.D
Acq: 11 Dec 2025 13:01

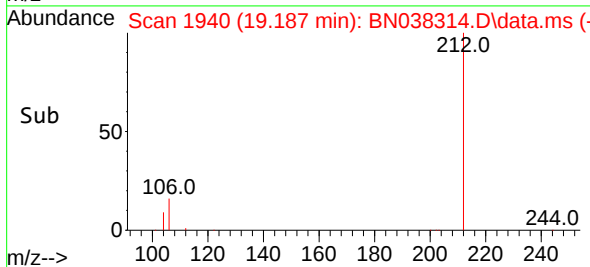
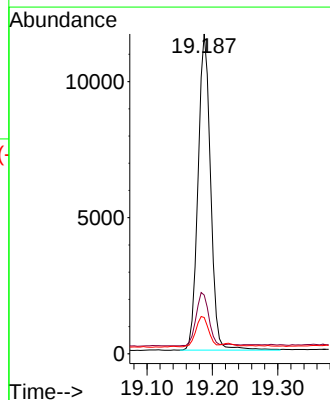
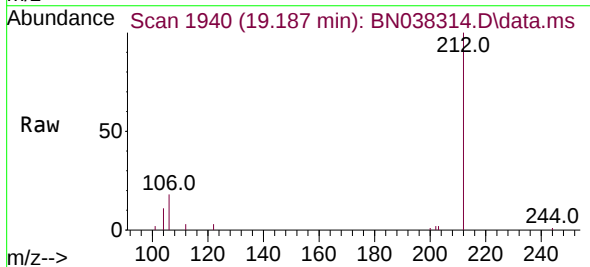
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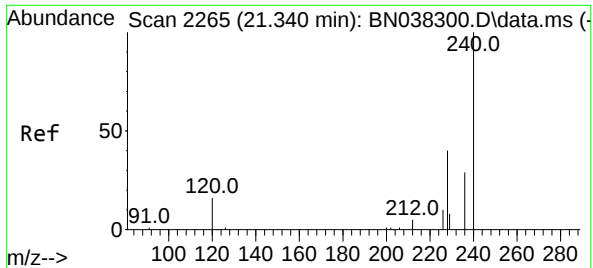
Tgt Ion	266	Resp	122
Ion Ratio	Lower	Upper	
266	100		
264	58.2	50.2	75.2
268	72.1	52.6	78.8



#27
Fluoranthene-d10
Concen: 0.424 ng
RT: 19.187 min Scan# 1940
Delta R.T. -0.000 min
Lab File: BN038314.D
Acq: 11 Dec 2025 13:01

Tgt Ion	212	Resp	15499
Ion Ratio	Lower	Upper	
212	100		
106	17.1	13.7	20.5
104	9.7	7.8	11.8

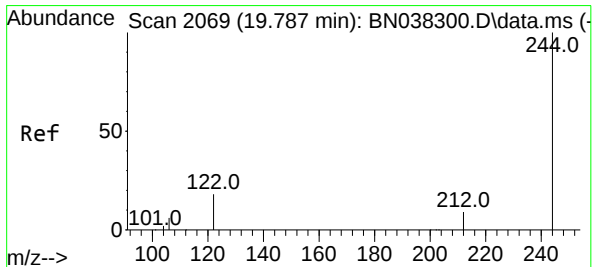
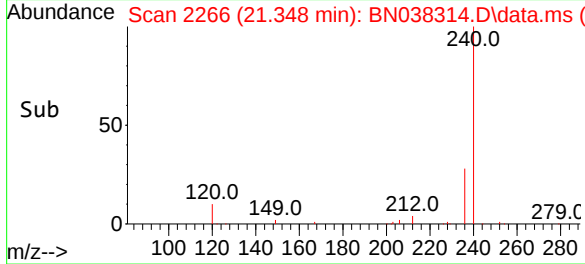
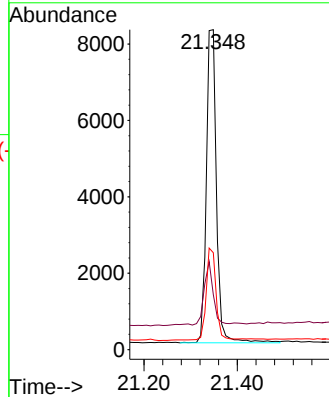
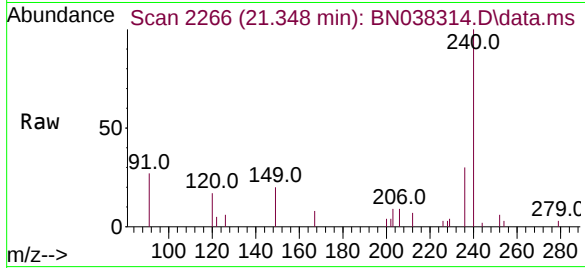




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.348 min Scan# 21
Delta R.T. 0.009 min
Lab File: BN038314.D
Acq: 11 Dec 2025 13:01

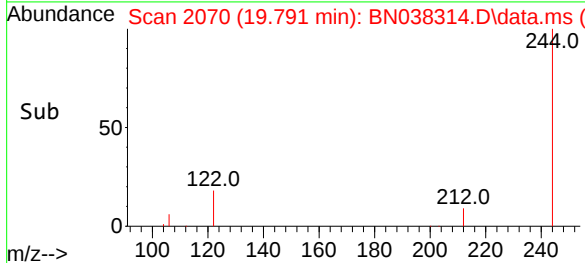
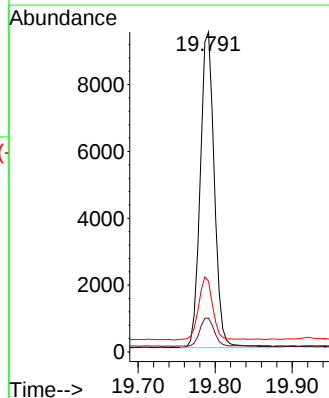
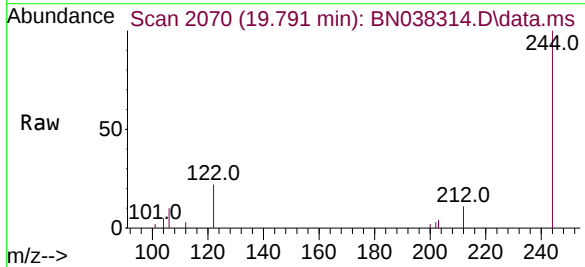
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ClientSampleId :
MW-14B-46-120325

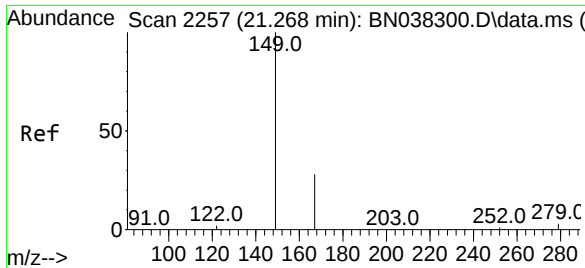
Tgt Ion	Ratio	Lower	Upper
240	100		
120	17.2	15.4	23.2
236	30.3	23.9	35.9



#31
Terphenyl-d14
Concen: 0.436 ng
RT: 19.791 min Scan# 2070
Delta R.T. -0.000 min
Lab File: BN038314.D
Acq: 11 Dec 2025 13:01

Tgt Ion	Ratio	Lower	Upper
244	100		
212	10.5	7.9	11.9
122	22.1	15.0	22.6

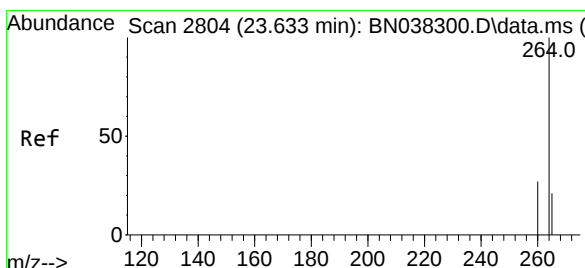
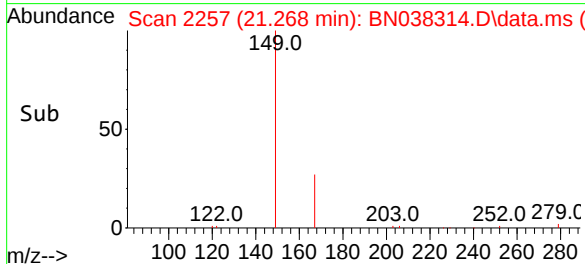
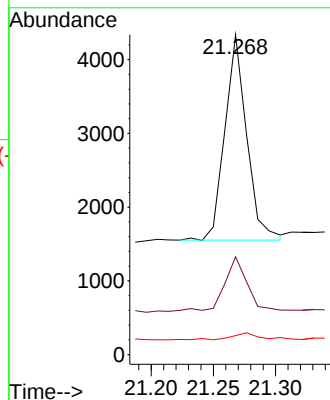
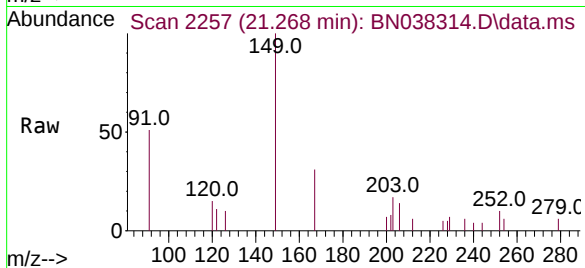




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.130 ng
RT: 21.268 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN038314.D
Acq: 11 Dec 2025 13:01

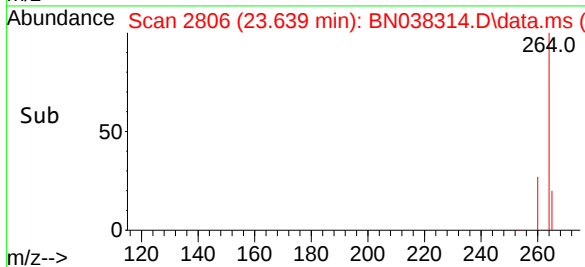
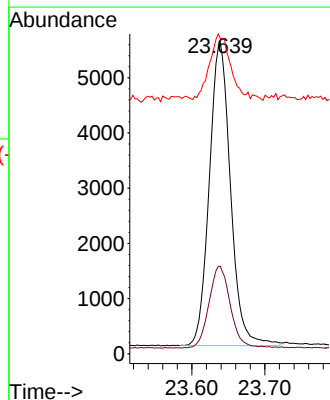
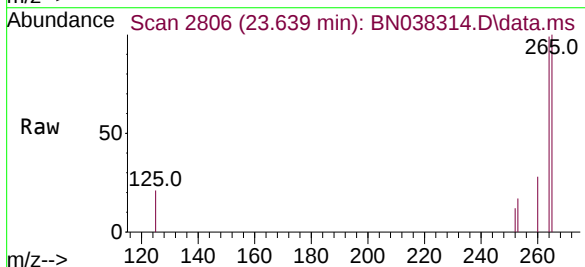
Instrument :
BNA_N
ClientSampleId :
MW-14B-46-120325

Tgt Ion:149 Resp: 3399
Ion Ratio Lower Upper
149 100
167 25.3 21.4 32.0
279 4.1 2.4 3.6#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.639 min Scan# 2806
Delta R.T. 0.006 min
Lab File: BN038314.D
Acq: 11 Dec 2025 13:01

Tgt Ion:264 Resp: 11109
Ion Ratio Lower Upper
264 100
260 28.2 22.2 33.2
265 101.4 80.2 120.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121125\
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 Acq On : 11 Dec 2025 13:38
 Operator : RC/JU
 Sample : Q3757-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RMW-05B-90.5-120325

Quant Time: Dec 11 14:01:37 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 10 13:56:50 2025
 Response via : Initial Calibration

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

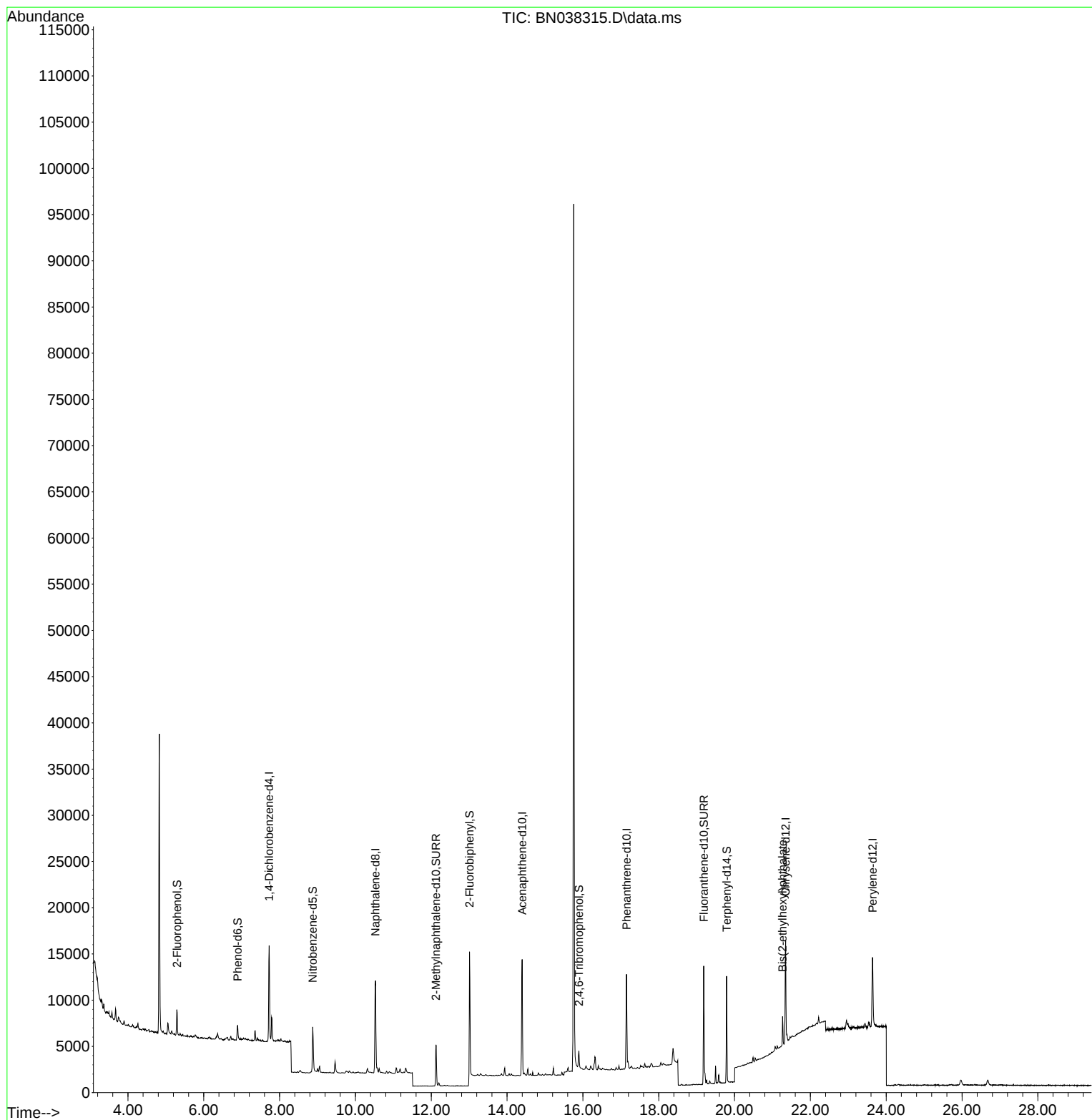
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	5204	0.400	ng	0.00
7) Naphthalene-d8	10.530	136	14267	0.400	ng	0.00
13) Acenaphthene-d10	14.398	164	7400	0.400	ng	0.00
19) Phenanthrene-d10	17.148	188	13201	0.400	ng	# 0.00
29) Chrysene-d12	21.348	240	10541	0.400	ng	# 0.00
35) Perylene-d12	23.639	264	10399	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.298	112	2204	0.170	ng	0.00
5) Phenol-d6	6.894	99	1618	0.105	ng	0.00
8) Nitrobenzene-d5	8.875	82	4325	0.359	ng	0.00
11) 2-Methylnaphthalene-d10	12.126	152	6402	0.318	ng	0.00
14) 2,4,6-Tribromophenol	15.895	330	1125	0.343	ng	0.00
15) 2-Fluorobiphenyl	13.008	172	11927	0.335	ng	0.00
27) Fluoranthene-d10	19.187	212	13868	0.425	ng	0.00
31) Terphenyl-d14	19.791	244	10707	0.455	ng	0.00
Target Compounds						
34) Bis(2-ethylhexyl)phtha...	21.268	149	3011	0.135	ng	Qvalue 99

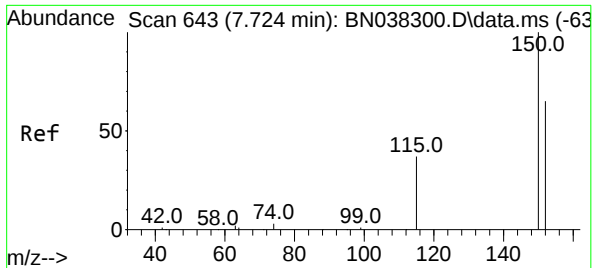
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Data File : BN038315.D
Acq On : 11 Dec 2025 13:38
Operator : RC/JU
Sample : Q3757-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RMW-05B-90.5-120325

Quant Time: Dec 11 14:01:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 10 13:56:50 2025
Response via : Initial Calibration

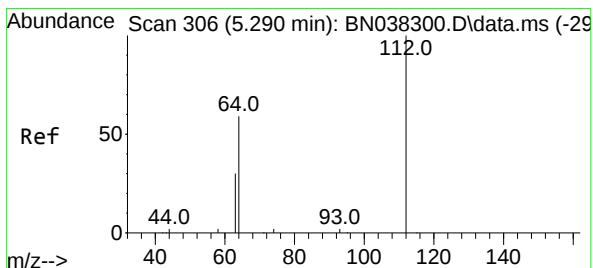
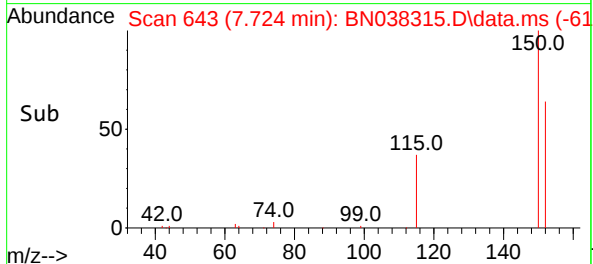
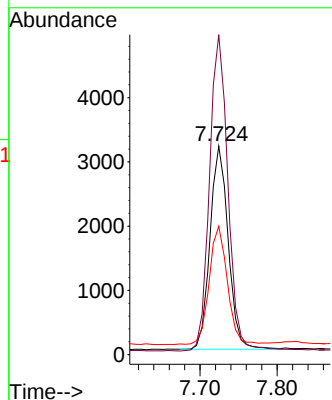
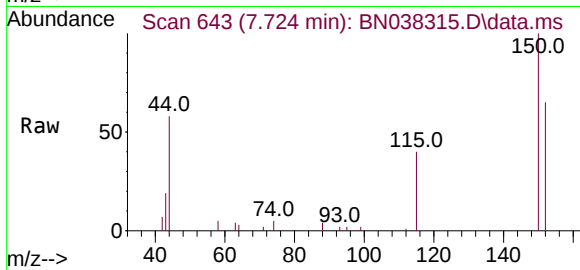




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.724 min Scan# 64
Delta R.T. 0.000 min
Lab File: BN038315.D
Acq: 11 Dec 2025 13:38

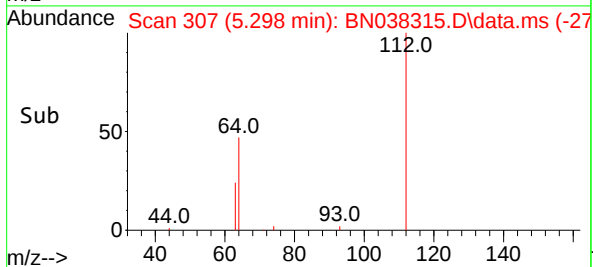
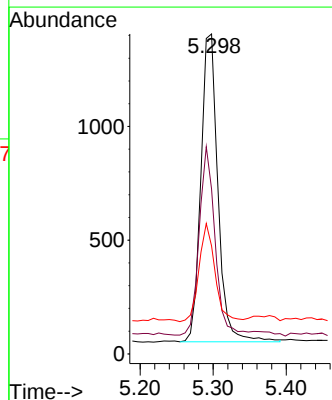
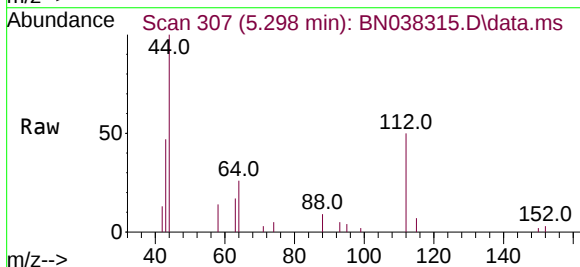
Instrument :
BNA_N
ClientSampleId :
RMW-05B-90.5-120325

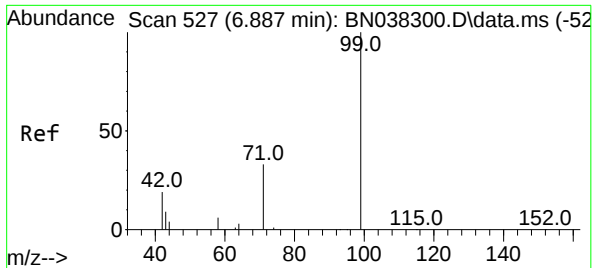
Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.4	122.4	183.6
115	61.6	47.3	70.9



#4
2-Fluorophenol
Concen: 0.170 ng
RT: 5.298 min Scan# 307
Delta R.T. 0.007 min
Lab File: BN038315.D
Acq: 11 Dec 2025 13:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.3	44.4	66.6
63	29.6	23.4	35.0

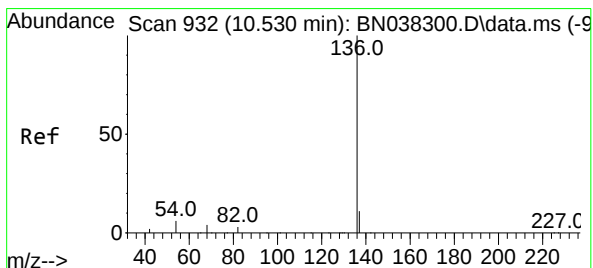
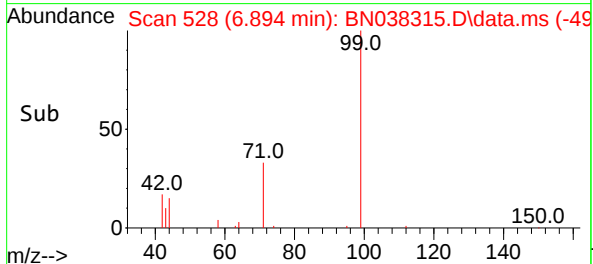
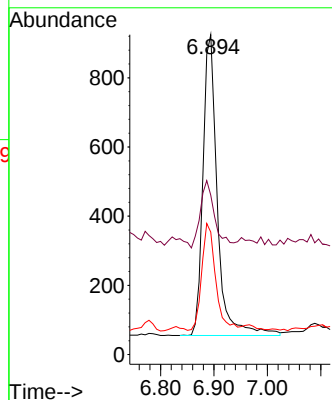
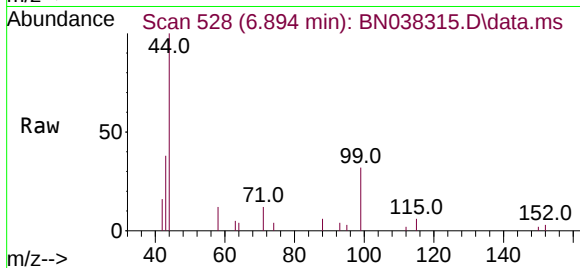




#5
Phenol-d6
Concen: 0.105 ng
RT: 6.894 min Scan# 51
Delta R.T. 0.007 min
Lab File: BN038315.D
Acq: 11 Dec 2025 13:38

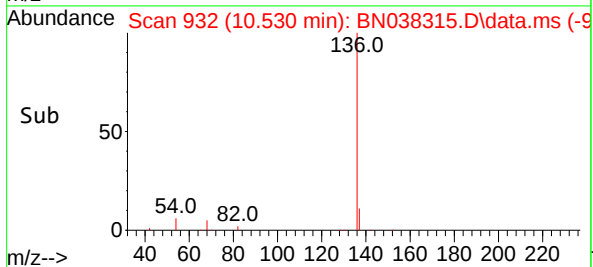
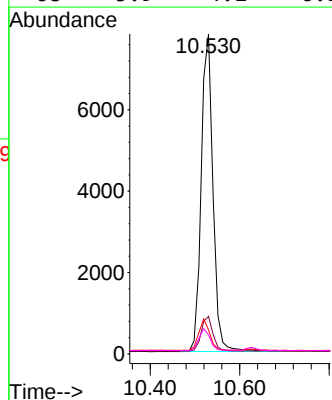
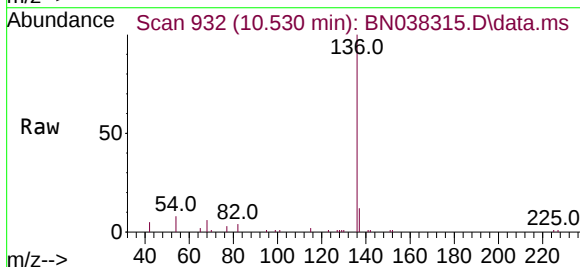
Instrument :
BNA_N
ClientSampleId :
RMW-05B-90.5-120325

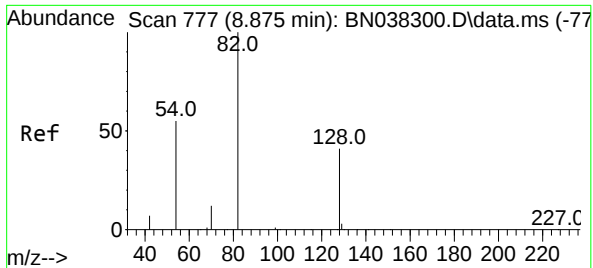
Tgt Ion	Ratio	Lower	Upper
99	100		
42	22.6	16.5	24.7
71	34.0	24.9	37.3



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.530 min Scan# 932
Delta R.T. -0.000 min
Lab File: BN038315.D
Acq: 11 Dec 2025 13:38

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.1	13.7
54	7.5	5.2	7.8
68	5.9	4.1	6.1

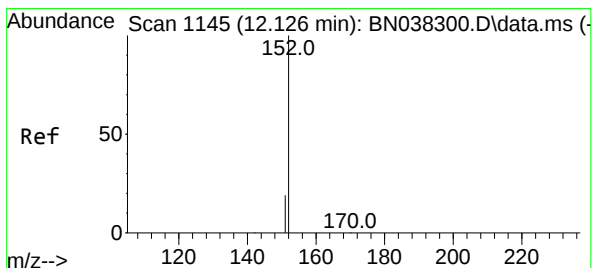
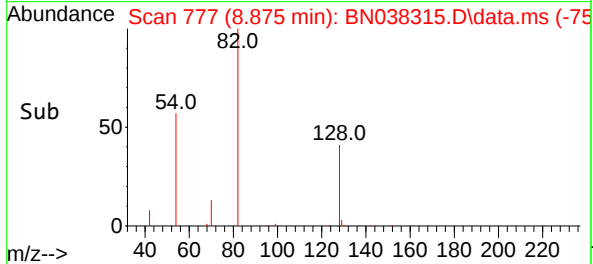
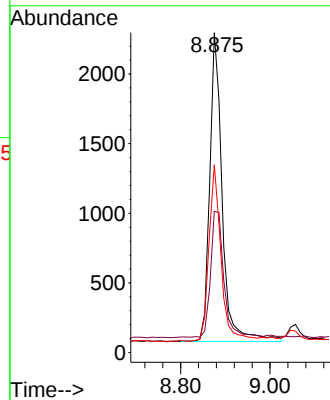
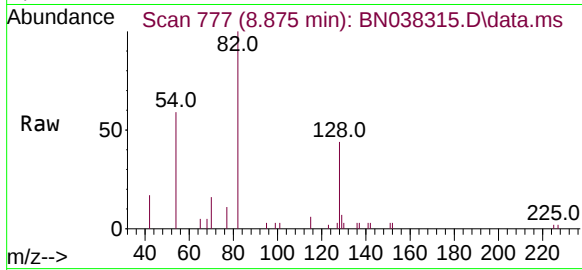




#8
Nitrobenzene-d5
Concen: 0.359 ng
RT: 8.875 min Scan# 777
Delta R.T. -0.000 min
Lab File: BN038315.D
Acq: 11 Dec 2025 13:38

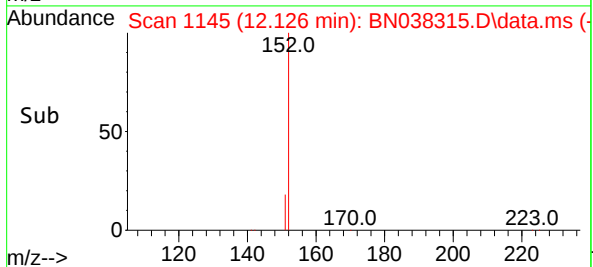
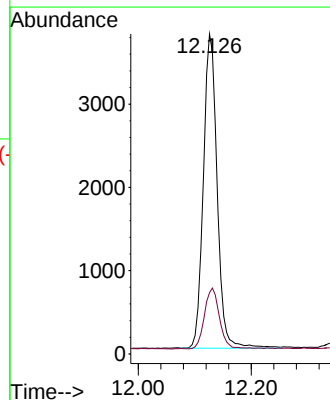
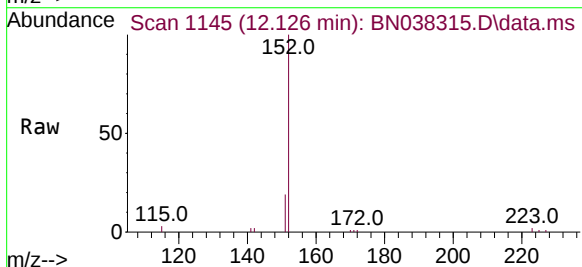
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ClientSampleId :
RMW-05B-90.5-120325

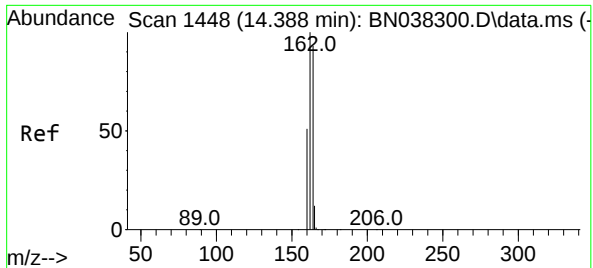
Tgt Ion:	82	Resp:	4325
Ion	Ratio	Lower	Upper
82	100		
128	44.1	34.0	51.0
54	58.7	44.4	66.6



#11
2-Methylnaphthalene-d10
Concen: 0.318 ng
RT: 12.126 min Scan# 1145
Delta R.T. -0.000 min
Lab File: BN038315.D
Acq: 11 Dec 2025 13:38

Tgt Ion:	152	Resp:	6402
Ion	Ratio	Lower	Upper
152	100		
151	21.1	17.0	25.6

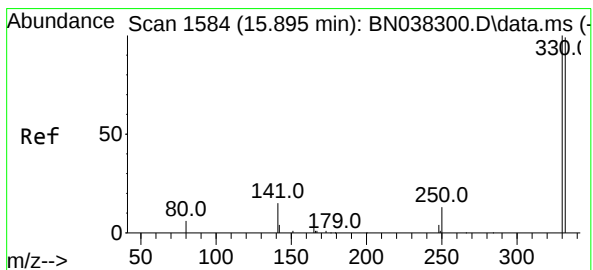
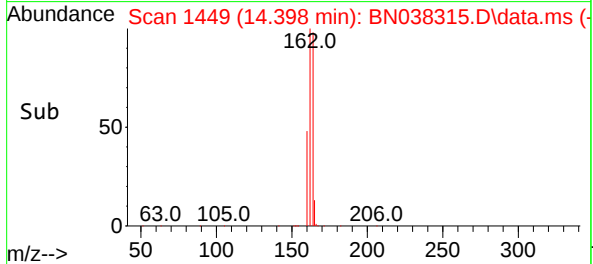
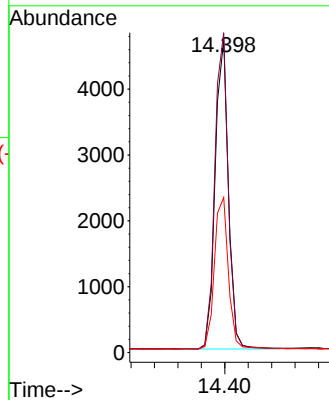
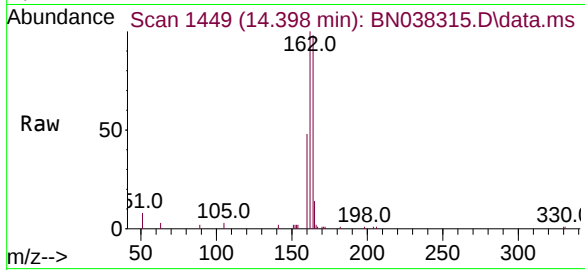




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.398 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BN038315.D
Acq: 11 Dec 2025 13:38

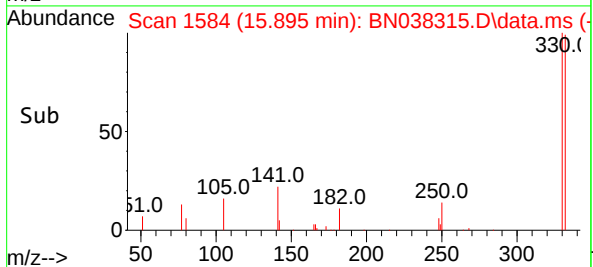
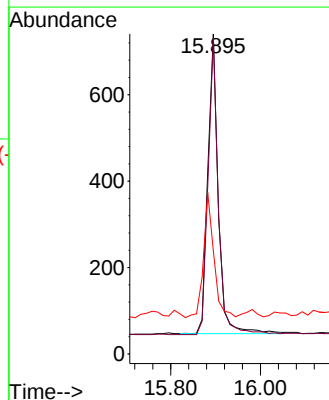
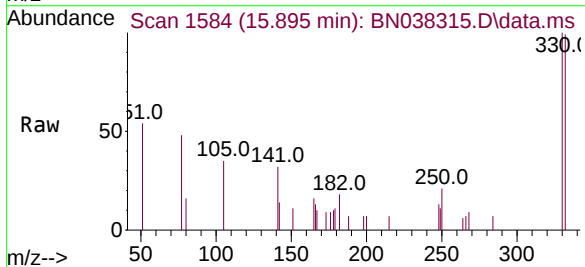
Instrument :
BNA_N
ClientSampleId :
RMW-05B-90.5-120325

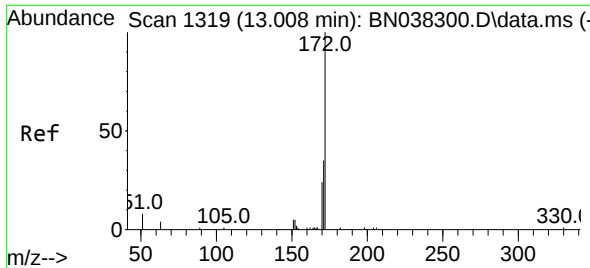
Tgt Ion	164	Resp:	7400
Ion Ratio	Lower	Upper	
164	100		
162	102.3	86.2	129.4
160	49.6	44.6	67.0



#14
2,4,6-Tribromophenol
Concen: 0.343 ng
RT: 15.895 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BN038315.D
Acq: 11 Dec 2025 13:38

Tgt Ion	330	Resp:	1125
Ion Ratio	Lower	Upper	
330	100		
332	97.3	75.8	113.6
141	41.2	31.8	47.8

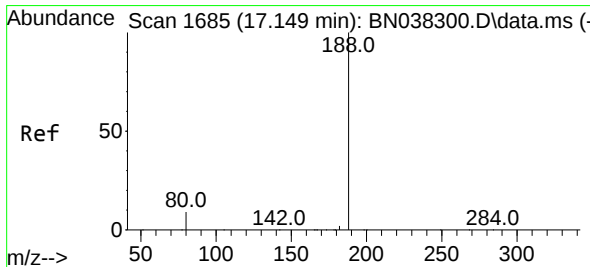
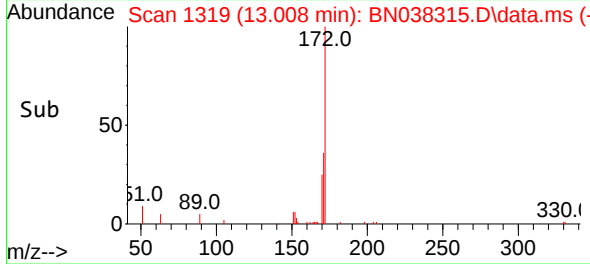
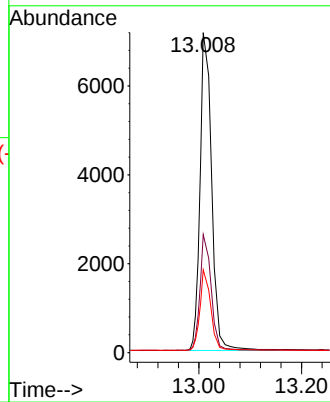
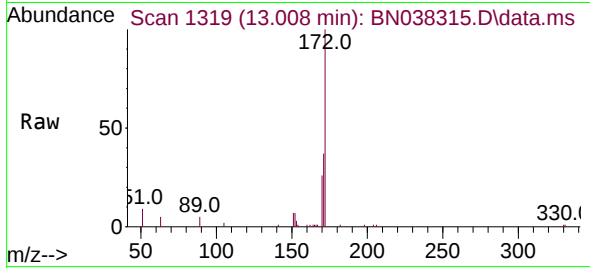




#15
2-Fluorobiphenyl
Concen: 0.335 ng
RT: 13.008 min Scan# 1319
Delta R.T. -0.000 min
Lab File: BN038315.D
Acq: 11 Dec 2025 13:38

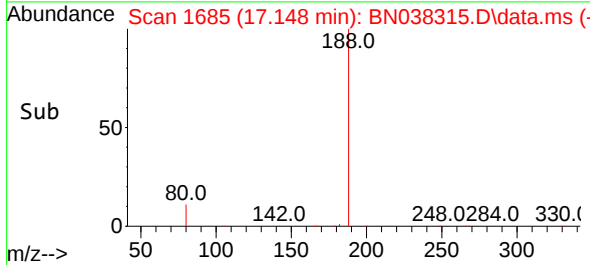
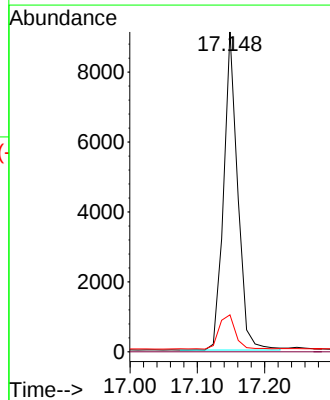
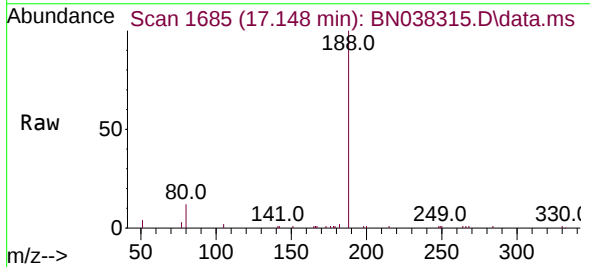
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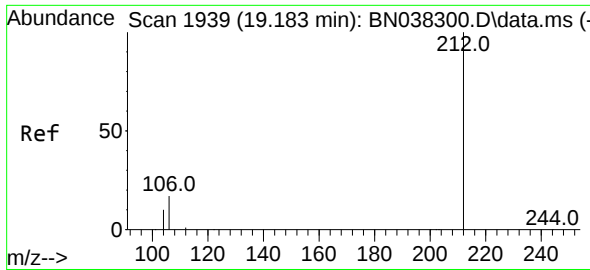
Tgt Ion:	172	Resp:	11927
Ion Ratio	Lower	Upper	
172	100		
171	36.9	28.6	42.8
170	25.9	19.3	28.9



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.148 min Scan# 1685
Delta R.T. -0.000 min
Lab File: BN038315.D
Acq: 11 Dec 2025 13:38

Tgt Ion:	188	Resp:	13201
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	11.6	7.4	11.0





#27

Fluoranthene-d10

Concen: 0.425 ng

RT: 19.187 min Scan# 1939

Delta R.T. -0.000 min

Lab File: BN038315.D

Acq: 11 Dec 2025 13:38

Instrument :

BNA_N

ClientSampleId :

RMW-05B-90.5-120325

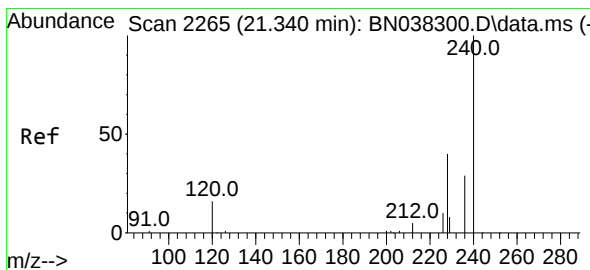
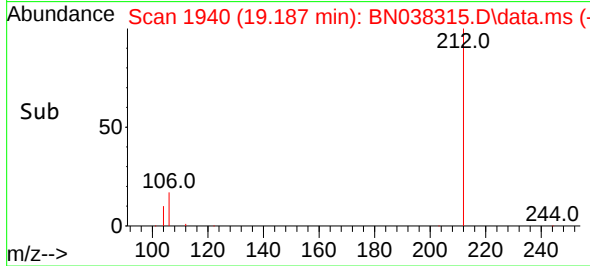
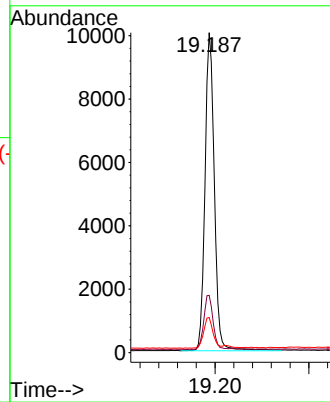
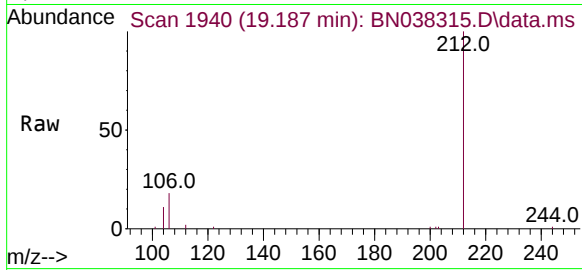
Tgt Ion:212 Resp: 13868

Ion Ratio Lower Upper

212 100

106 17.2 13.7 20.5

104 9.6 7.8 11.8



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.348 min Scan# 2266

Delta R.T. 0.009 min

Lab File: BN038315.D

Acq: 11 Dec 2025 13:38

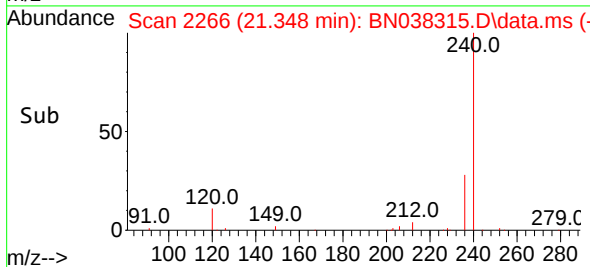
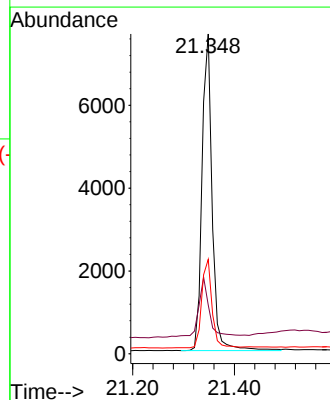
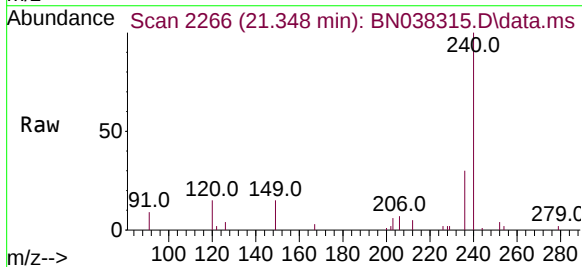
Tgt Ion:240 Resp: 10541

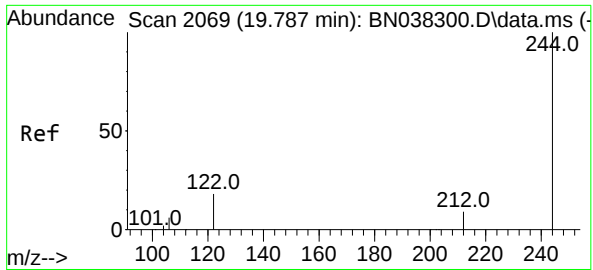
Ion Ratio Lower Upper

240 100

120 15.3 15.4 23.2#

236 29.5 23.9 35.9

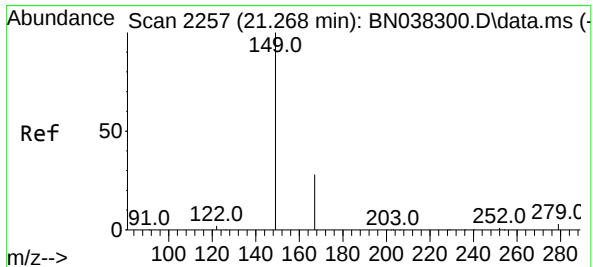
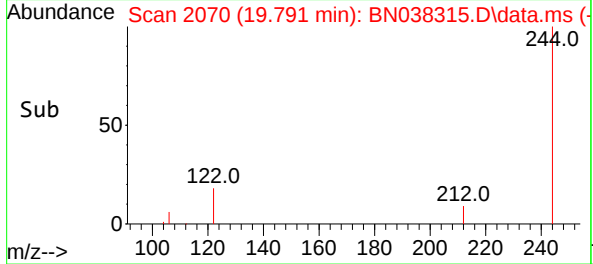
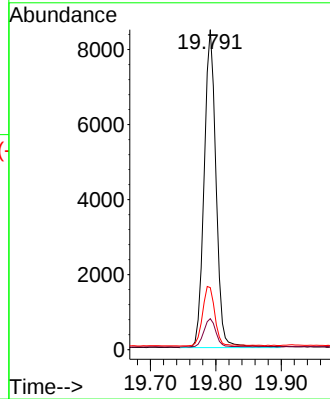
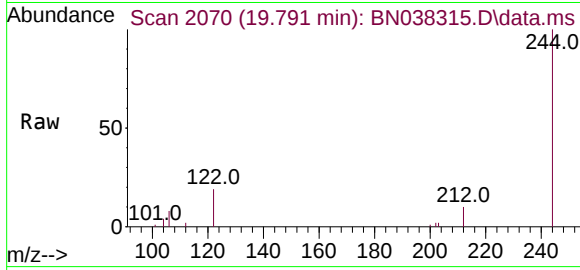




#31
Terphenyl-d14
Concen: 0.455 ng
RT: 19.791 min Scan# 2069
Delta R.T. -0.000 min
Lab File: BN038315.D
Acq: 11 Dec 2025 13:38

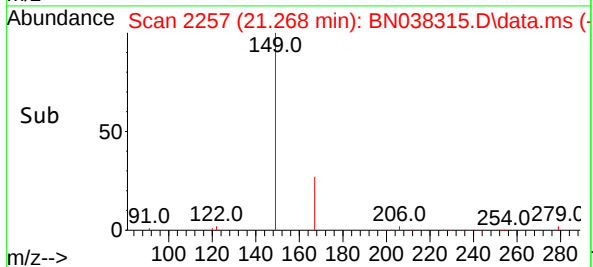
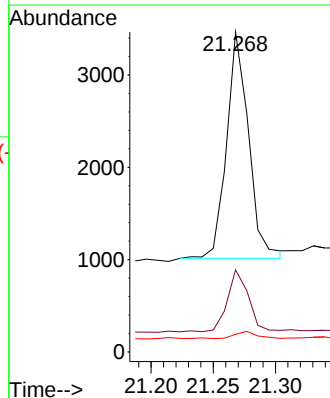
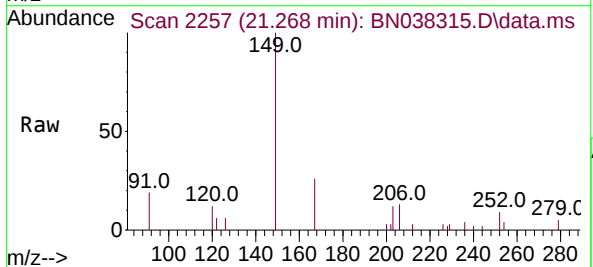
Instrument :
BNA_N
ClientSampleId :
RMW-05B-90.5-120325

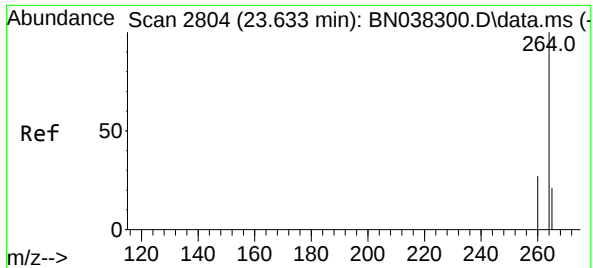
Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.7	7.9	11.9
122	19.4	15.0	22.6



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.135 ng
RT: 21.268 min Scan# 2257
Delta R.T. -0.000 min
Lab File: BN038315.D
Acq: 11 Dec 2025 13:38

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.2	21.4	32.0
279	3.3	2.4	3.6





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.639 min Scan# 2806

Delta R.T. 0.006 min

Lab File: BN038315.D

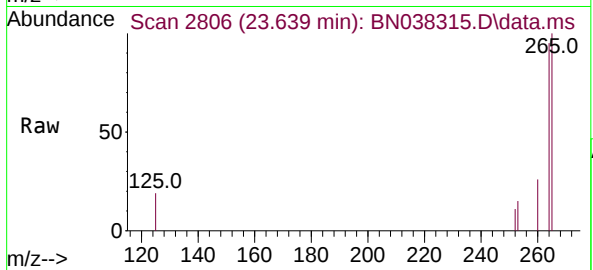
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Instrument :

BNA_N

ClientSampleId :

RMW-05B-90.5-120325



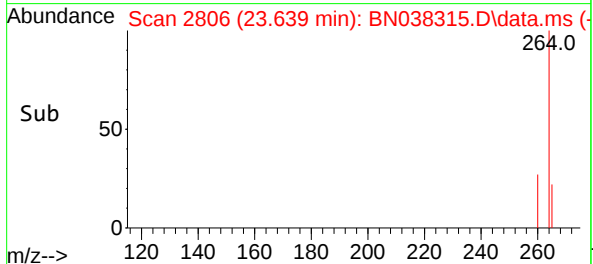
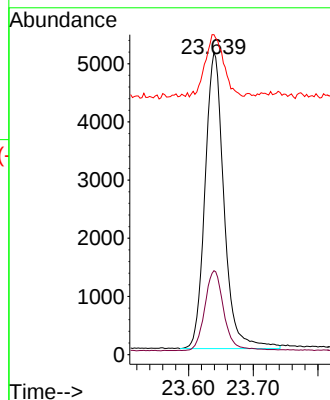
Tgt Ion:264 Resp: 10399

Ion Ratio Lower Upper

264 100

260 27.8 22.2 33.2

265 105.8 80.2 120.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121125\
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 Acq On : 11 Dec 2025 14:14
 Operator : RC/JU
 Sample : Q3757-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 OW-05B-72-120325

Quant Time: Dec 11 14:38:42 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 10 13:56:50 2025
 Response via : Initial Calibration

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

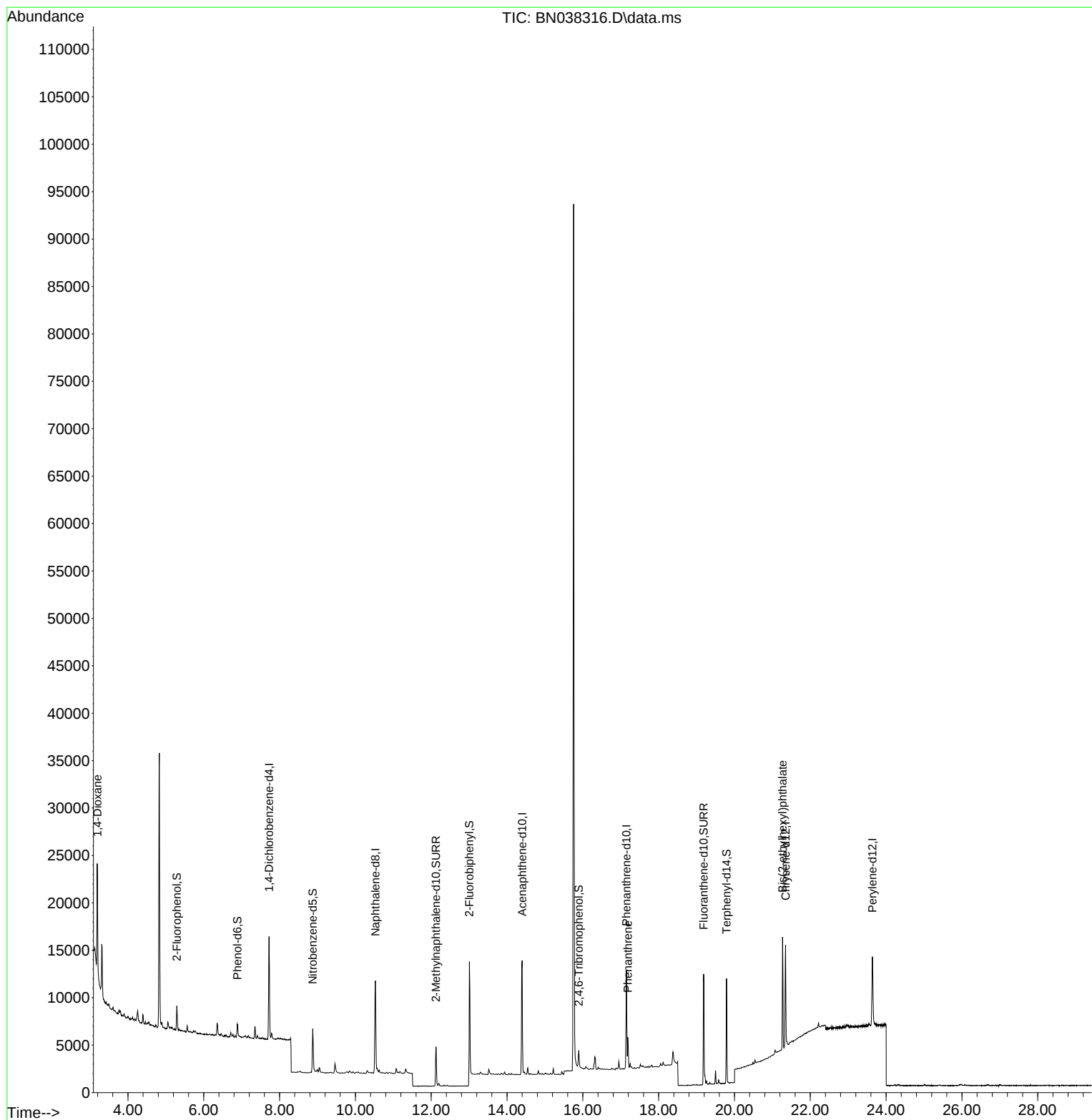
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	5450	0.400	ng	0.00
7) Naphthalene-d8	10.530	136	14372	0.400	ng	0.00
13) Acenaphthene-d10	14.398	164	7355	0.400	ng	0.00
19) Phenanthrene-d10	17.148	188	13319	0.400	ng	# 0.00
29) Chrysene-d12	21.349	240	10405	0.400	ng	0.00
35) Perylene-d12	23.639	264	10487	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.290	112	2065	0.152	ng	0.00
5) Phenol-d6	6.887	99	1378	0.085	ng	0.00
8) Nitrobenzene-d5	8.875	82	4144	0.342	ng	0.00
11) 2-Methylnaphthalene-d10	12.126	152	5838	0.288	ng	0.00
14) 2,4,6-Tribromophenol	15.895	330	1043	0.320	ng	0.00
15) 2-Fluorobiphenyl	13.008	172	10746	0.303	ng	0.00
27) Fluoranthene-d10	19.187	212	12740	0.387	ng	0.00
31) Terphenyl-d14	19.791	244	10158	0.437	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.196	88	6694	1.071	ng	# 93
25) Phenanthrene	17.186	178	3533	0.076	ng	98
34) Bis(2-ethylhexyl)phtha...	21.268	149	10515	0.477	ng	100

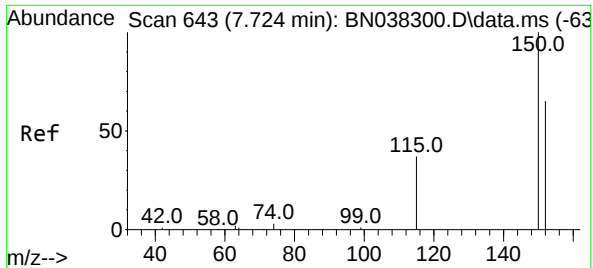
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121125\
Data File : BN038316.D
Acq On : 11 Dec 2025 14:14
Operator : RC/JU
Sample : Q3757-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
OW-05B-72-120325

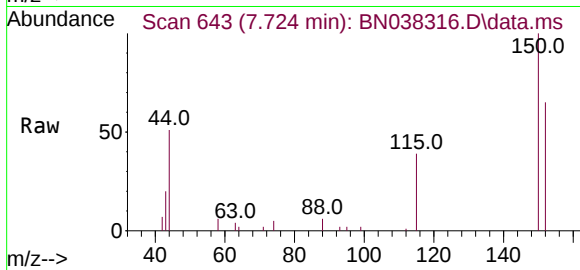
Quant Time: Dec 11 14:38:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 10 13:56:50 2025
Response via : Initial Calibration



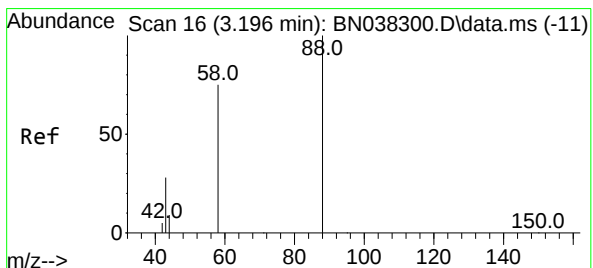
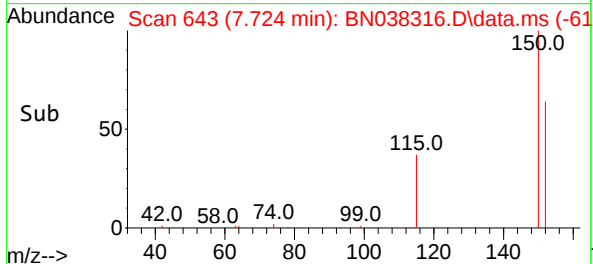
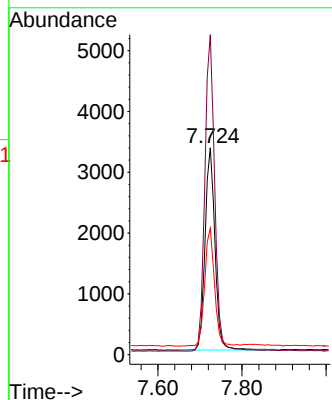


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.724 min Scan# 64
Delta R.T. 0.000 min
Lab File: BN038316.D
Acq: 11 Dec 2025 14:14

Instrument :
BNA_N
ClientSampleId :
OW-05B-72-120325

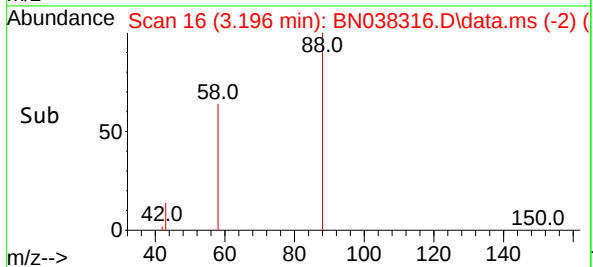
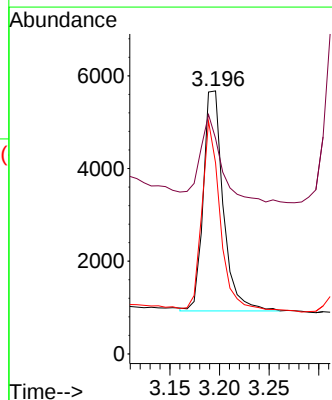
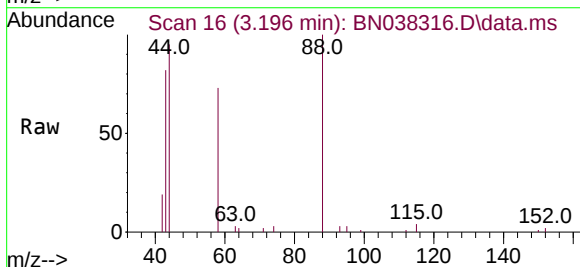


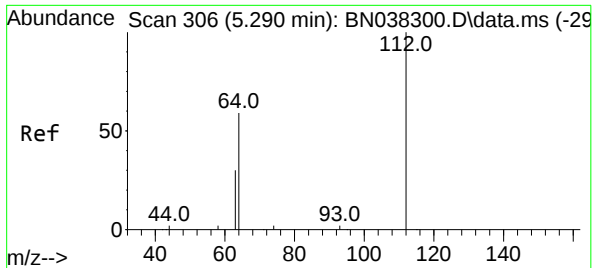
Tgt Ion:152 Resp: 5450
Ion Ratio Lower Upper
152 100
150 154.8 122.4 183.6
115 61.1 47.3 70.9



#2
1,4-Dioxane
Concen: 1.071 ng
RT: 3.196 min Scan# 16
Delta R.T. 0.000 min
Lab File: BN038316.D
Acq: 11 Dec 2025 14:14

Tgt Ion: 88 Resp: 6694
Ion Ratio Lower Upper
88 100
43 43.1 24.9 37.3#
58 77.8 61.4 92.0

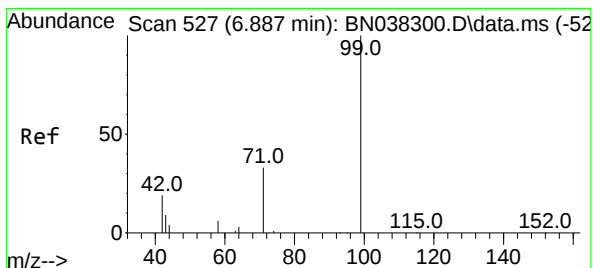
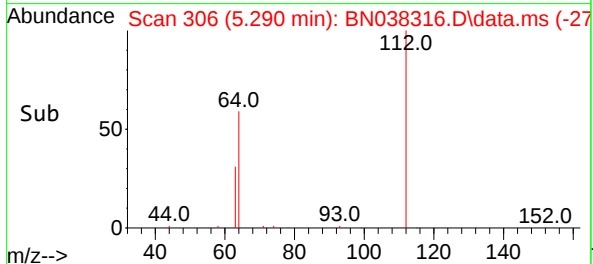
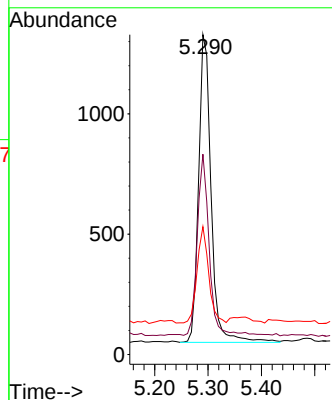
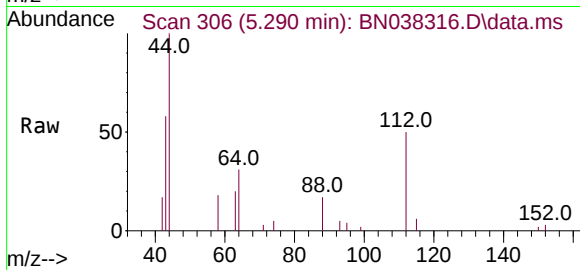




#4
2-Fluorophenol
Concen: 0.152 ng
RT: 5.290 min Scan# 306
Delta R.T. 0.000 min
Lab File: BN038316.D
Acq: 11 Dec 2025 14:14

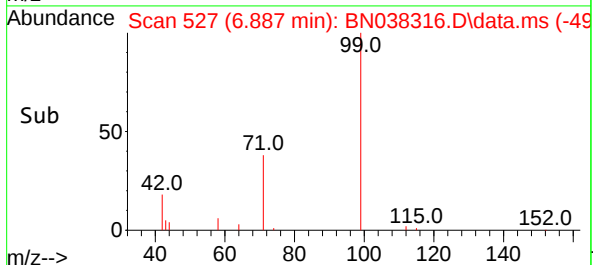
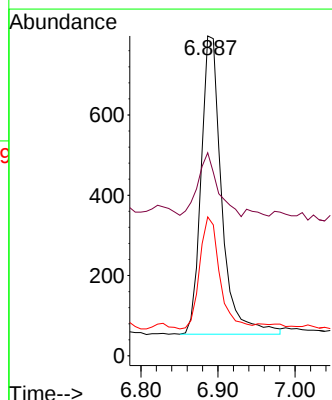
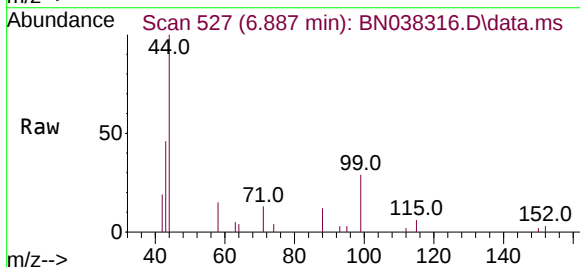
Instrument :
BNA_N
ClientSampleId :
OW-05B-72-120325

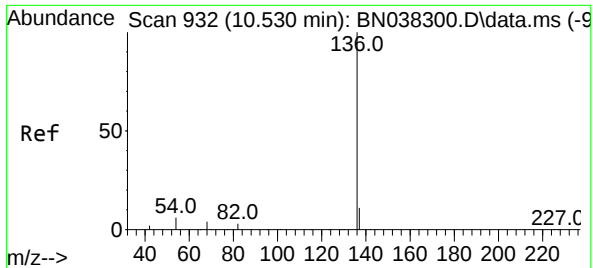
Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.9	44.4	66.6
63	29.0	23.4	35.0



#5
Phenol-d6
Concen: 0.085 ng
RT: 6.887 min Scan# 527
Delta R.T. 0.000 min
Lab File: BN038316.D
Acq: 11 Dec 2025 14:14

Tgt Ion	Ratio	Lower	Upper
99	100		
42	20.7	16.5	24.7
71	36.7	24.9	37.3

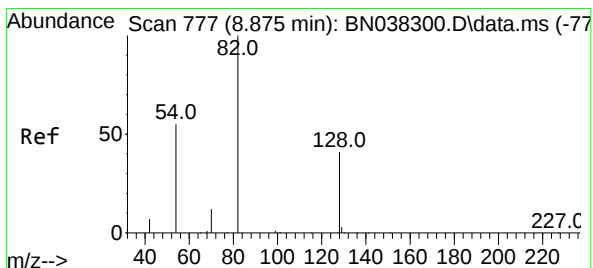
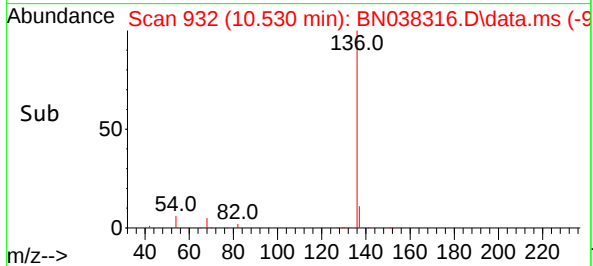
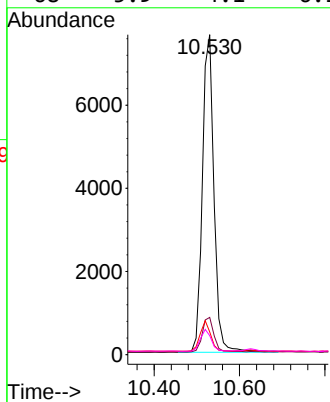
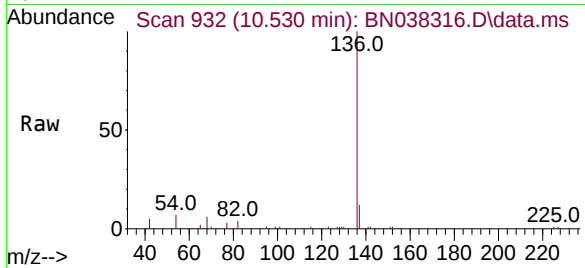




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.530 min Scan# 932
Delta R.T. 0.000 min
Lab File: BN038316.D
Acq: 11 Dec 2025 14:14

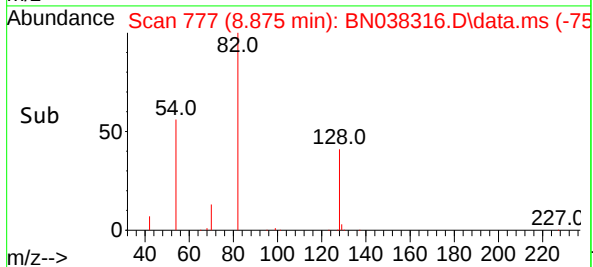
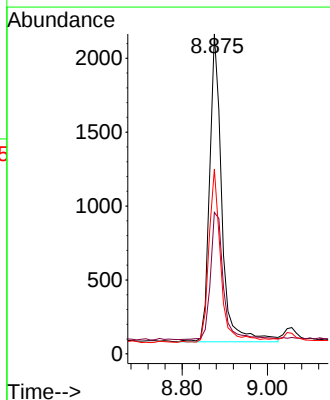
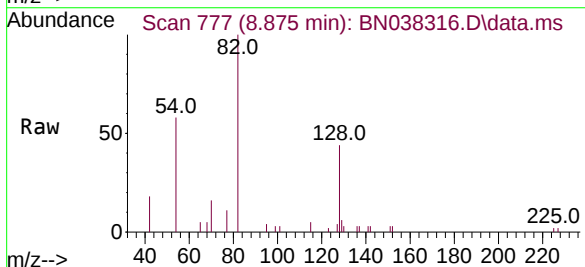
Instrument :
BNA_N
ClientSampleId :
OW-05B-72-120325

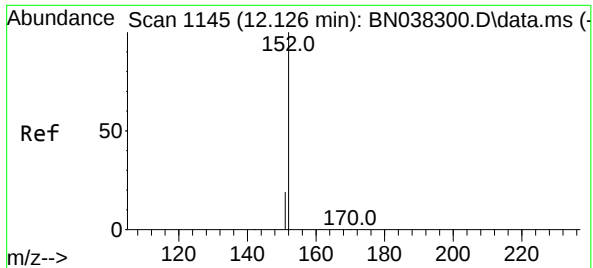
Tgt Ion:	136	Resp:	14372
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	7.1	5.2	7.8
68	5.9	4.1	6.1



#8
Nitrobenzene-d5
Concen: 0.342 ng
RT: 8.875 min Scan# 777
Delta R.T. 0.000 min
Lab File: BN038316.D
Acq: 11 Dec 2025 14:14

Tgt Ion:	82	Resp:	4144
Ion	Ratio	Lower	Upper
82	100		
128	44.2	34.0	51.0
54	57.7	44.4	66.6

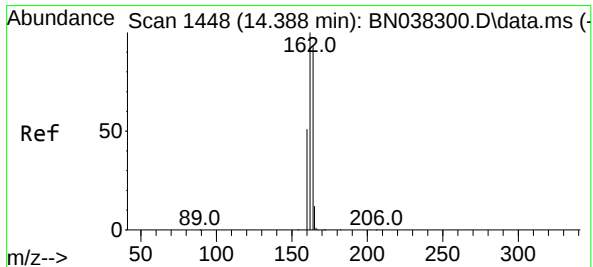
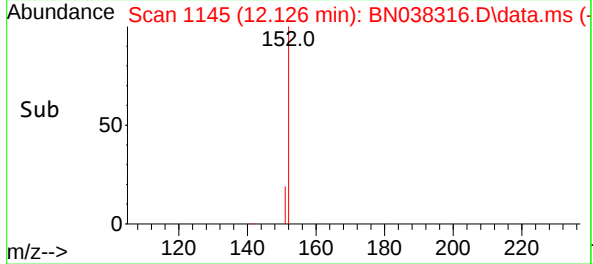
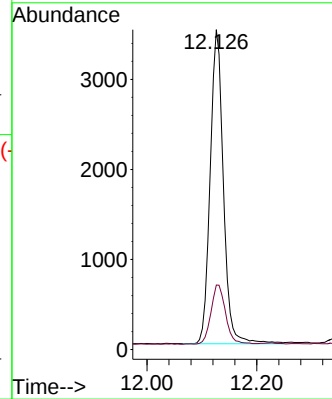
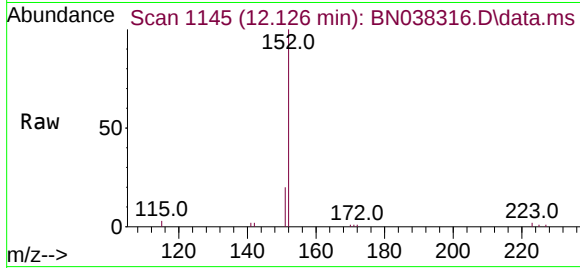




#11
2-Methylnaphthalene-d10
Concen: 0.288 ng
RT: 12.126 min Scan# 1145
Delta R.T. 0.000 min
Lab File: BN038316.D
Acq: 11 Dec 2025 14:14

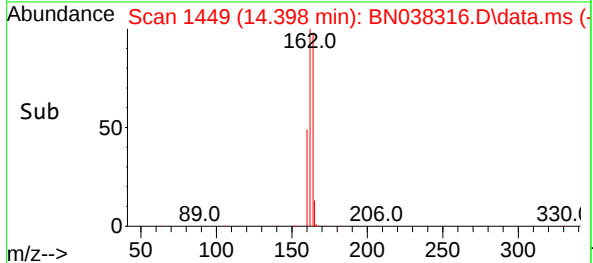
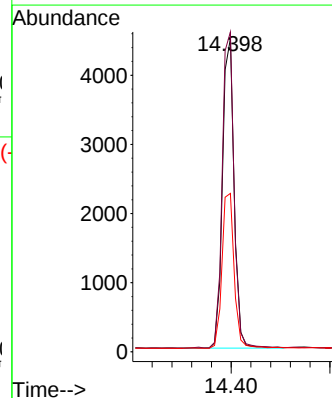
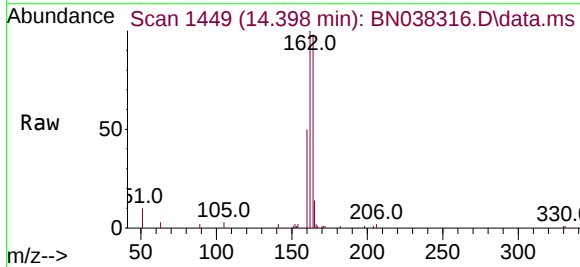
Instrument :
BNA_N
ClientSampleId :
OW-05B-72-120325

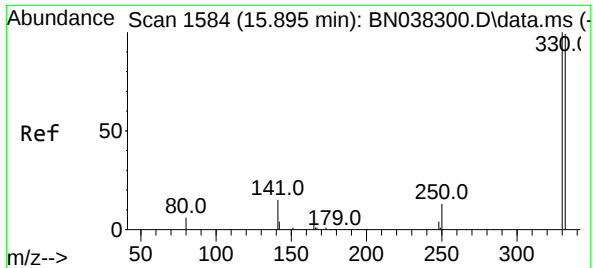
Tgt Ion:152 Resp: 5838
Ion Ratio Lower Upper
152 100
151 20.8 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.398 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BN038316.D
Acq: 11 Dec 2025 14:14

Tgt Ion:164 Resp: 7355
Ion Ratio Lower Upper
164 100
162 102.1 86.2 129.4
160 50.6 44.6 67.0

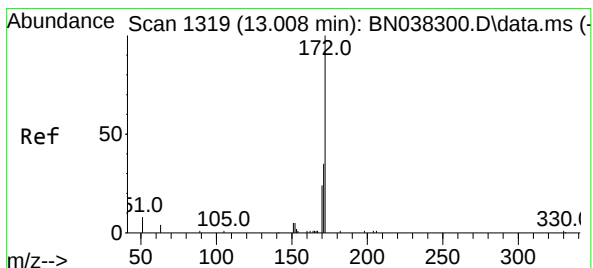
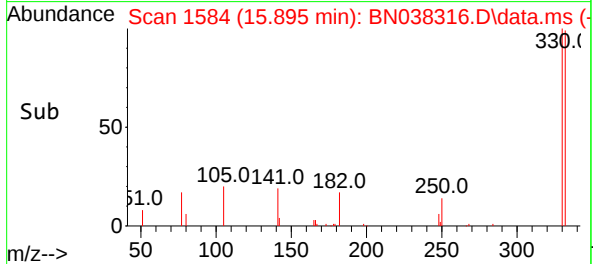
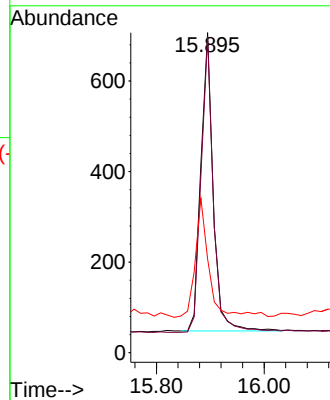
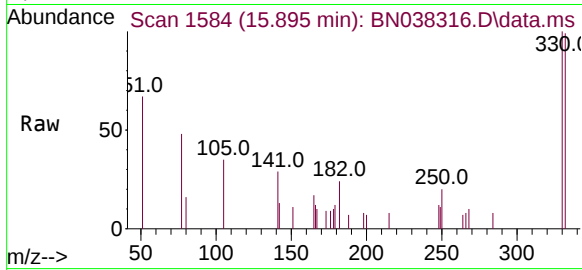




#14
2,4,6-Tribromophenol
Concen: 0.320 ng
RT: 15.895 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BN038316.D
Acq: 11 Dec 2025 14:14

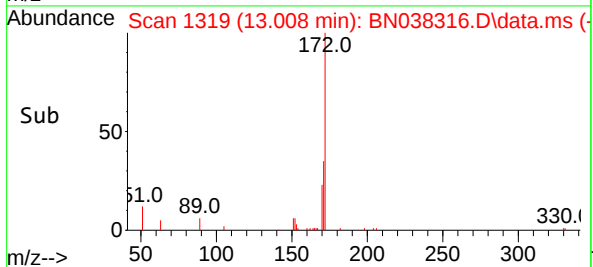
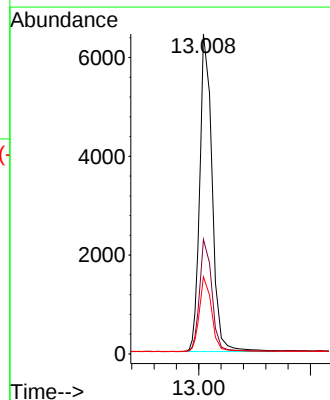
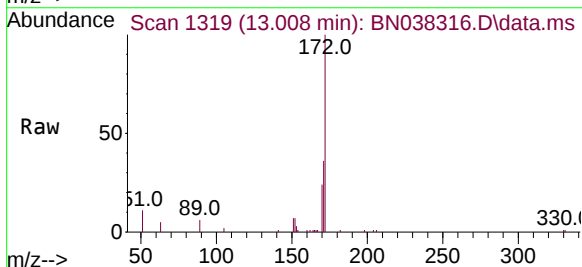
Instrument :
BNA_N
ClientSampleId :
OW-05B-72-120325

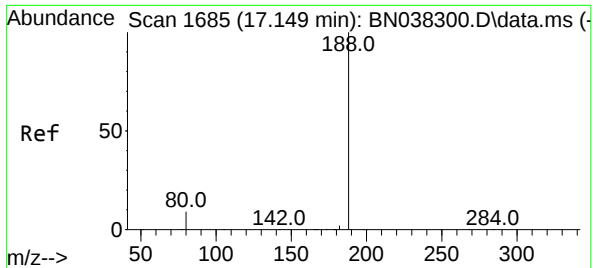
Tgt Ion	330	Resp	1043
Ion Ratio	100		
Lower	75.8		
Upper	113.6		
332	99.2		
141	41.9		
	31.8		
	47.8		



#15
2-Fluorobiphenyl
Concen: 0.303 ng
RT: 13.008 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BN038316.D
Acq: 11 Dec 2025 14:14

Tgt Ion	172	Resp	10746
Ion Ratio	100		
Lower	28.6		
Upper	42.8		
171	35.8		
170	24.1		
	19.3		
	28.9		





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.148 min Scan# 1685

Delta R.T. 0.000 min

Lab File: BN038316.D

Acq: 11 Dec 2025 14:14

Instrument :

BNA_N

ClientSampleId :

OW-05B-72-120325

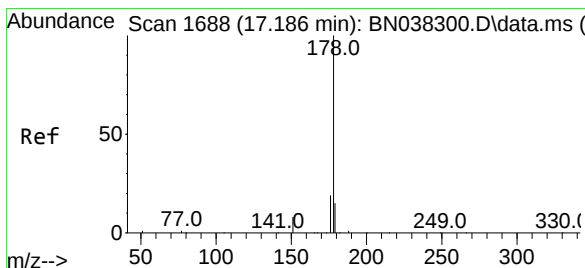
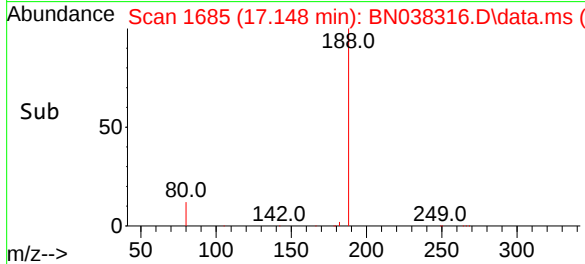
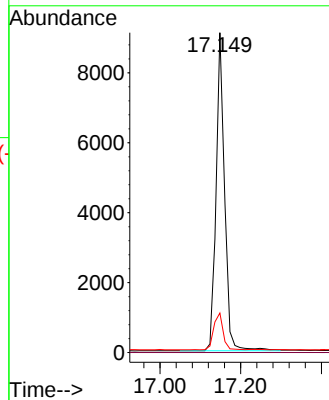
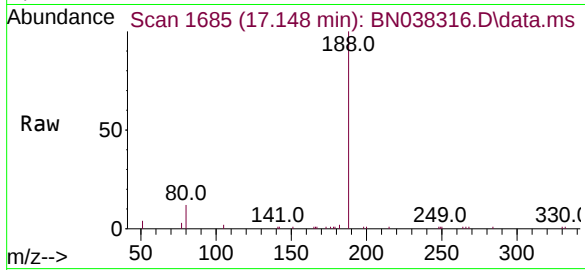
Tgt Ion:188 Resp: 13319

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.4 7.4 11.0#



#25

Phenanthrene

Concen: 0.076 ng

RT: 17.186 min Scan# 1688

Delta R.T. 0.000 min

Lab File: BN038316.D

Acq: 11 Dec 2025 14:14

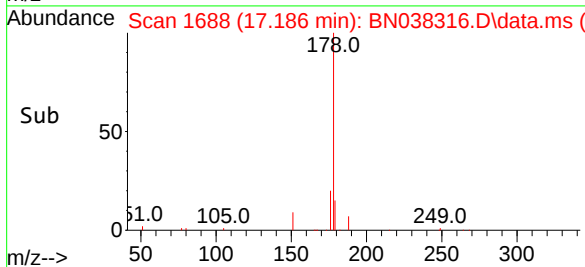
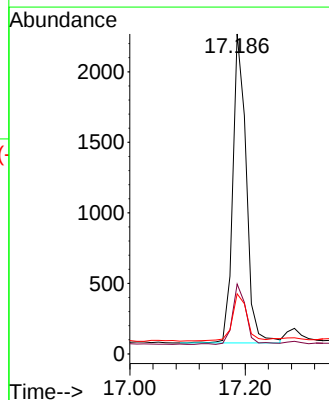
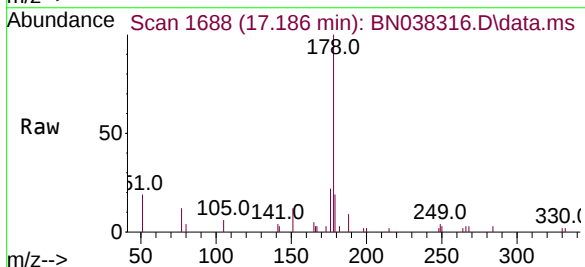
Tgt Ion:178 Resp: 3533

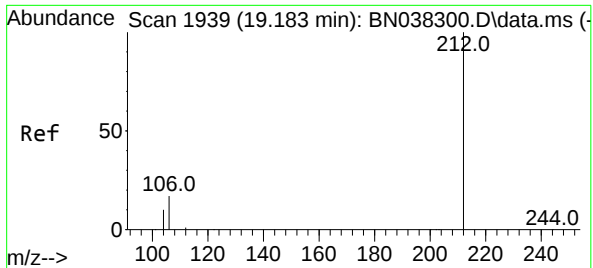
Ion Ratio Lower Upper

178 100

176 19.5 15.5 23.3

179 16.9 12.2 18.2





#27

Fluoranthene-d10

Concen: 0.387 ng

RT: 19.187 min Scan# 1939

Delta R.T. 0.000 min

Lab File: BN038316.D

Acq: 11 Dec 2025 14:14

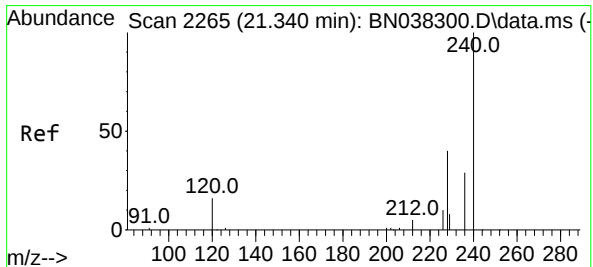
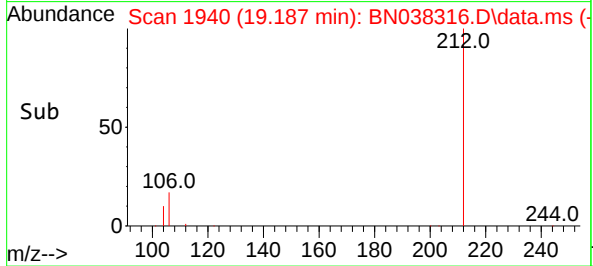
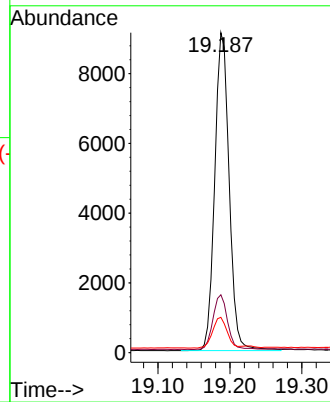
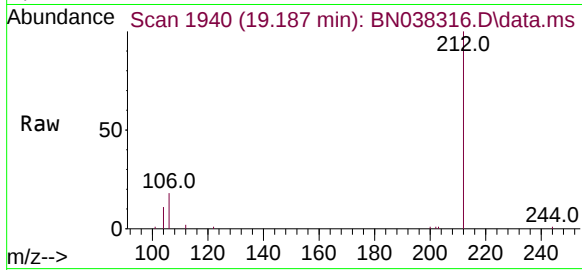
Instrument :

BNA_N

ClientSampleId :

OW-05B-72-120325

Tgt Ion:212	Resp:	12740
Ion Ratio	Lower	Upper
212	100	
106	17.4	13.7 20.5
104	9.6	7.8 11.8



#29

Chrysene-d12

Concen: 0.400 ng

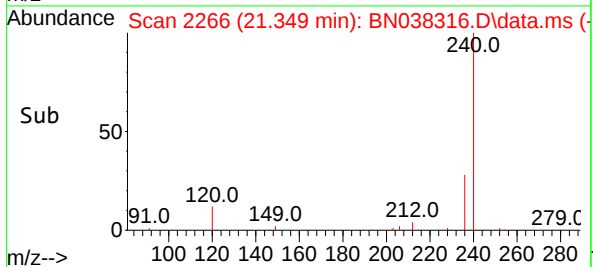
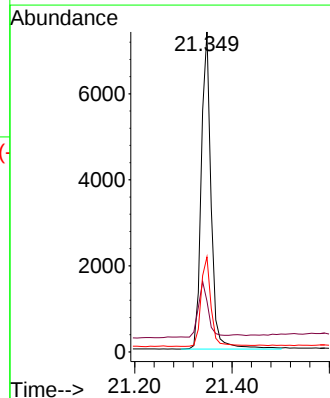
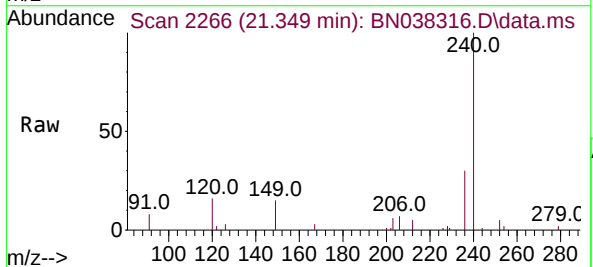
RT: 21.349 min Scan# 2266

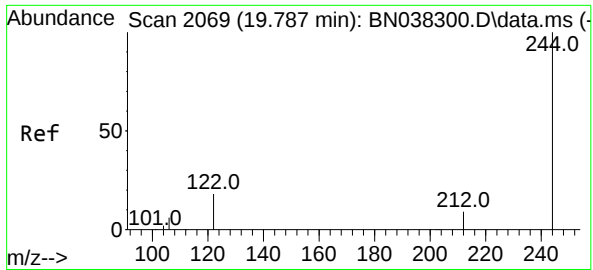
Delta R.T. 0.009 min

Lab File: BN038316.D

Acq: 11 Dec 2025 14:14

Tgt Ion:240	Resp:	10405
Ion Ratio	Lower	Upper
240	100	
120	15.9	15.4 23.2
236	29.7	23.9 35.9

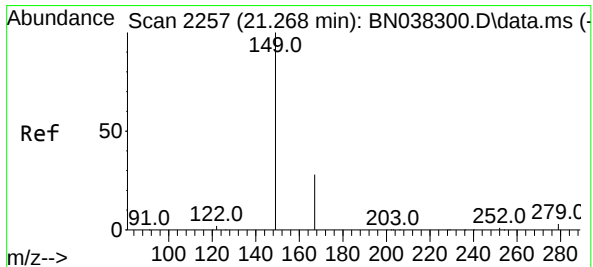
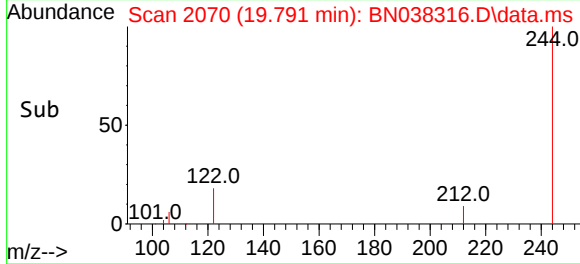
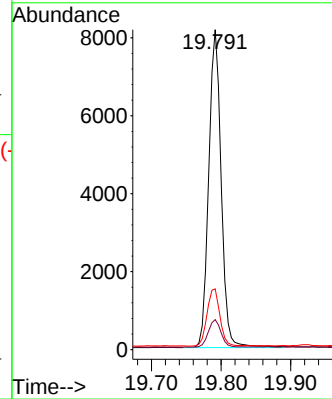
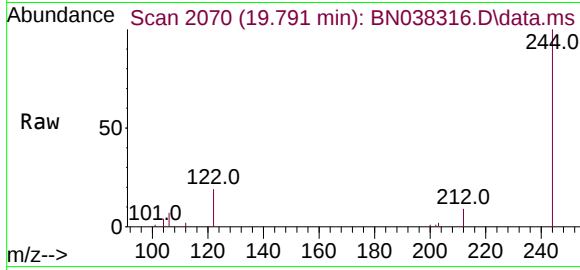




#31
Terphenyl-d14
Concen: 0.437 ng
RT: 19.791 min Scan# 2069
Delta R.T. 0.000 min
Lab File: BN038316.D
Acq: 11 Dec 2025 14:14

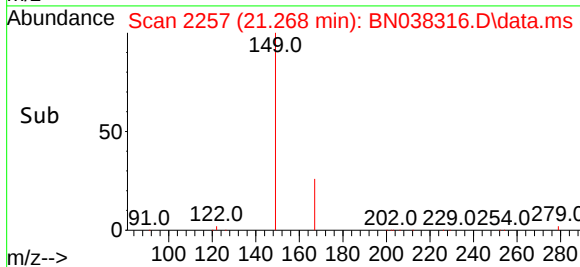
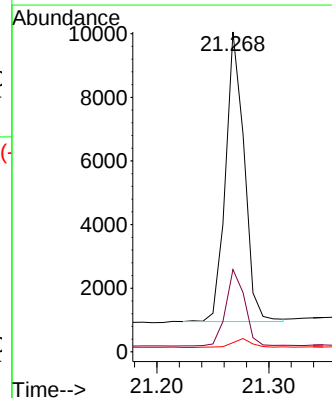
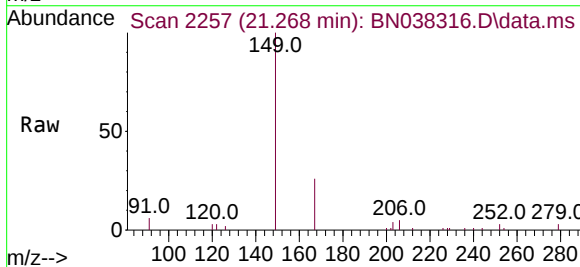
Instrument :
BNA_N
ClientSampleId :
OW-05B-72-120325

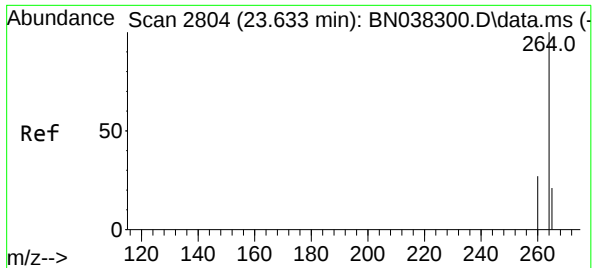
Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.9	11.9
122	19.0	15.0	22.6



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.477 ng
RT: 21.268 min Scan# 2257
Delta R.T. 0.000 min
Lab File: BN038316.D
Acq: 11 Dec 2025 14:14

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.4	32.0
279	3.4	2.4	3.6





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.639 min Scan# 2806

Delta R.T. 0.006 min

Lab File: BN038316.D

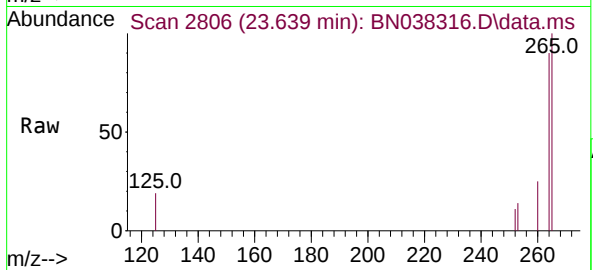
Acq: 11 Dec 2025 14:14

Instrument :

BNA_N

ClientSampleId :

OW-05B-72-120325



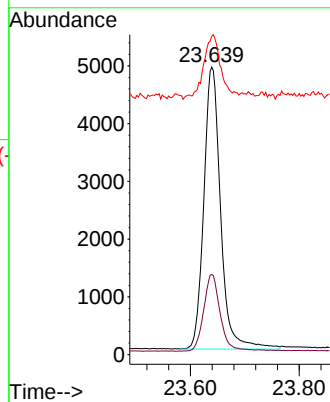
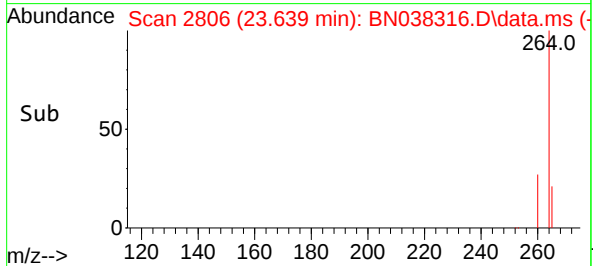
Tgt Ion:264 Resp: 10487

Ion Ratio Lower Upper

264 100

260 27.9 22.2 33.2

265 110.7 80.2 120.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121125\
 Data File : BN038317.D
 Acq On : 11 Dec 2025 14:50
 Operator : RC/JU
 Sample : Q3757-11
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EB01-120325

Quant Time: Dec 11 15:13:38 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 10 13:56:50 2025
 Response via : Initial Calibration

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

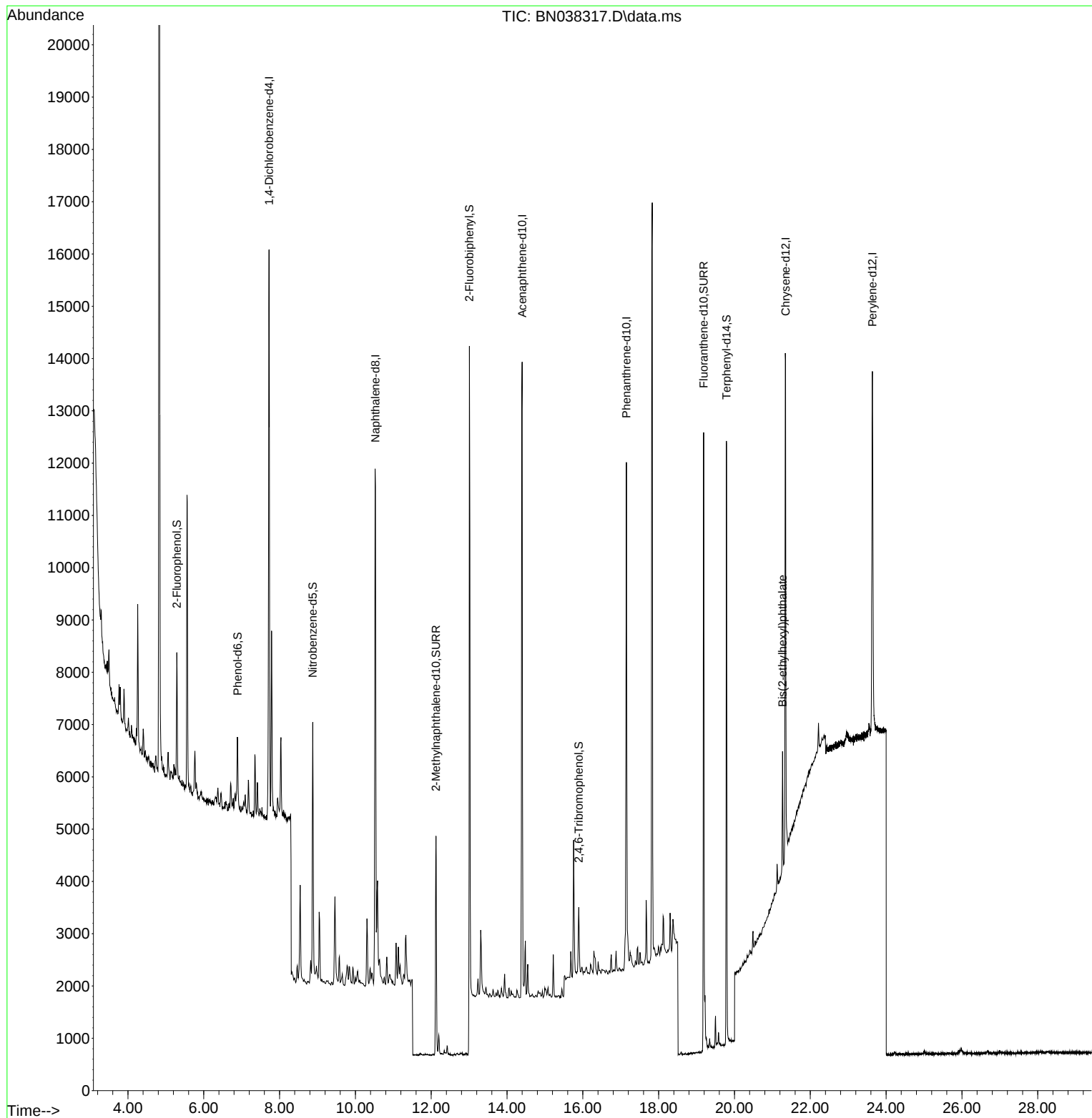
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	5459	0.400	ng	0.00
7) Naphthalene-d8	10.530	136	14139	0.400	ng	0.00
13) Acenaphthene-d10	14.398	164	7229	0.400	ng	0.00
19) Phenanthrene-d10	17.149	188	13027	0.400	ng	# 0.00
29) Chrysene-d12	21.349	240	10027	0.400	ng	# 0.00
35) Perylene-d12	23.639	264	10159	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.291	112	2067	0.152	ng	0.00
5) Phenol-d6	6.894	99	1430	0.088	ng	0.00
8) Nitrobenzene-d5	8.875	82	4270	0.358	ng	0.00
11) 2-Methylnaphthalene-d10	12.126	152	5803	0.291	ng	0.00
14) 2,4,6-Tribromophenol	15.895	330	817	0.255	ng	0.00
15) 2-Fluorobiphenyl	13.009	172	10166	0.292	ng	0.00
27) Fluoranthene-d10	19.188	212	12814	0.398	ng	0.00
31) Terphenyl-d14	19.792	244	11143	0.498	ng	0.00
Target Compounds						
34) Bis(2-ethylhexyl)phtha...	21.268	149	2144	0.101	ng	# 98

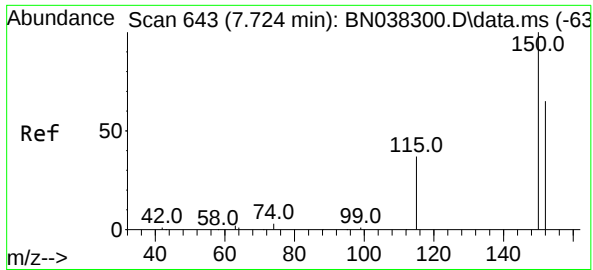
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121125\
Data File : BN038317.D
Acq On : 11 Dec 2025 14:50
Operator : RC/JU
Sample : Q3757-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EB01-120325

Quant Time: Dec 11 15:13:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 10 13:56:50 2025
Response via : Initial Calibration

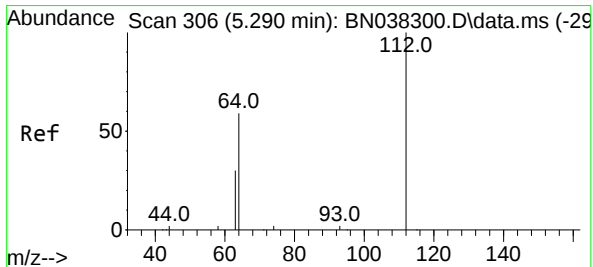
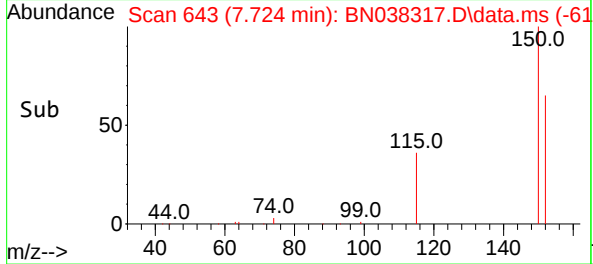
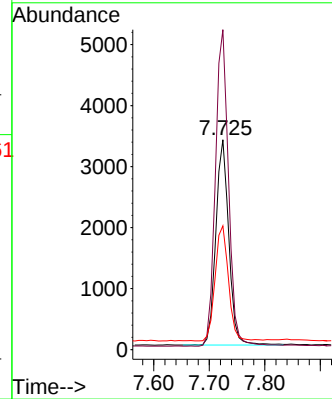
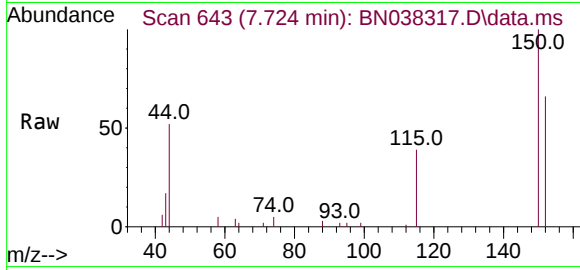




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.724 min Scan# 64
Delta R.T. 0.000 min
Lab File: BN038317.D
Acq: 11 Dec 2025 14:50

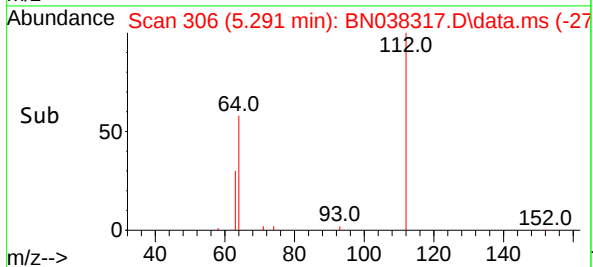
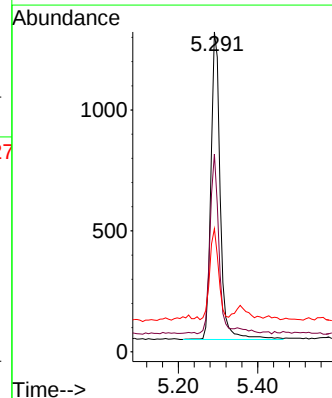
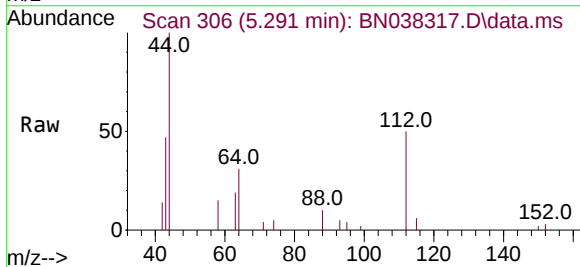
Instrument :
BNA_N
ClientSampleId :
EB01-120325

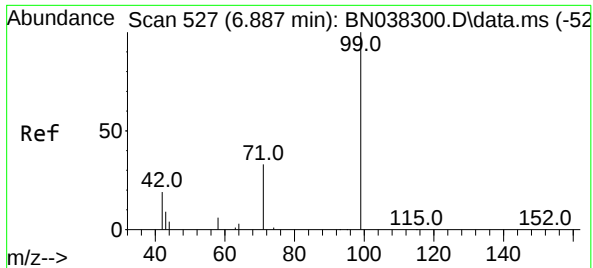
Tgt Ion:152 Resp: 5459
Ion Ratio Lower Upper
152 100
150 152.5 122.4 183.6
115 59.0 47.3 70.9



#4
2-Fluorophenol
Concen: 0.152 ng
RT: 5.291 min Scan# 306
Delta R.T. 0.000 min
Lab File: BN038317.D
Acq: 11 Dec 2025 14:50

Tgt Ion:112 Resp: 2067
Ion Ratio Lower Upper
112 100
64 54.6 44.4 66.6
63 28.7 23.4 35.0

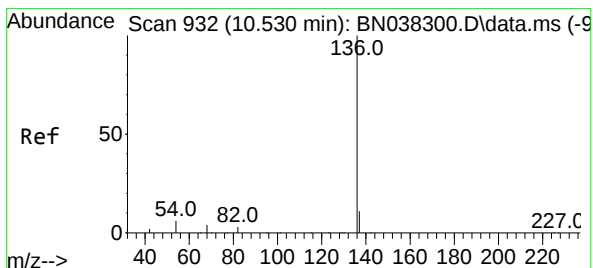
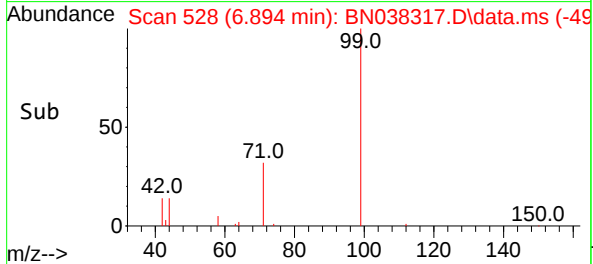
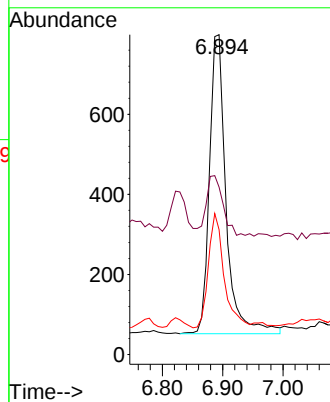
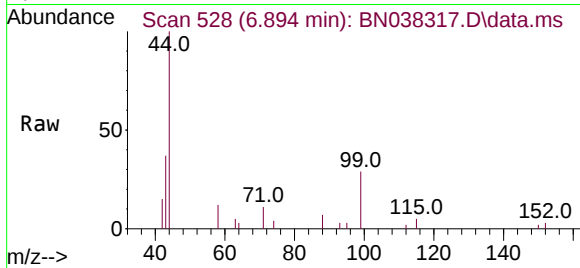




#5
Phenol-d6
Concen: 0.088 ng
RT: 6.894 min Scan# 51
Delta R.T. 0.007 min
Lab File: BN038317.D
Acq: 11 Dec 2025 14:50

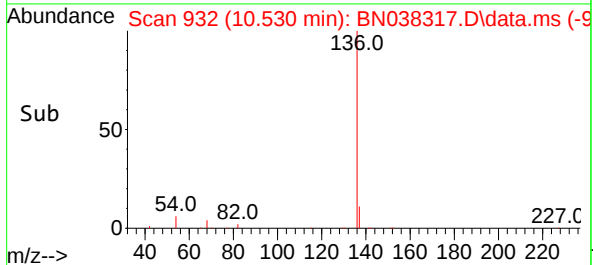
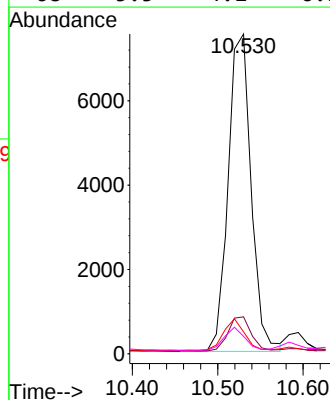
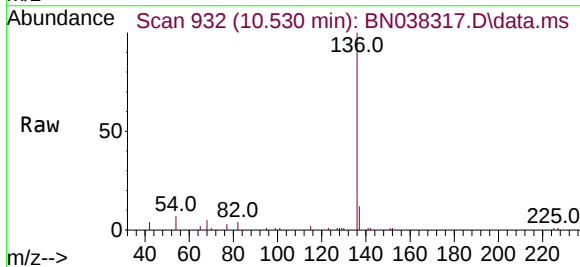
Instrument :
BNA_N
ClientSampleId :
EB01-120325

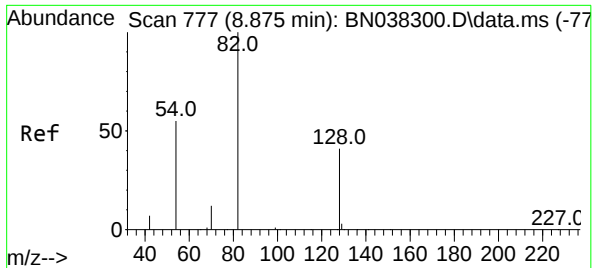
Tgt Ion	Ratio	Lower	Upper
99	100		
42	20.3	16.5	24.7
71	35.9	24.9	37.3



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.530 min Scan# 932
Delta R.T. 0.000 min
Lab File: BN038317.D
Acq: 11 Dec 2025 14:50

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	6.9	5.2	7.8
68	5.5	4.1	6.1

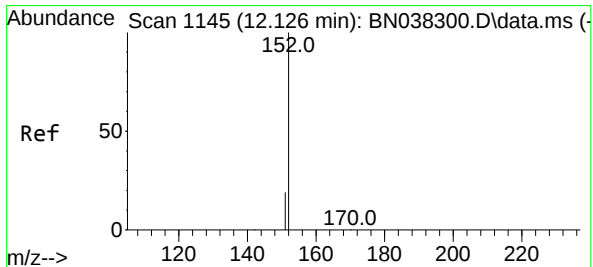
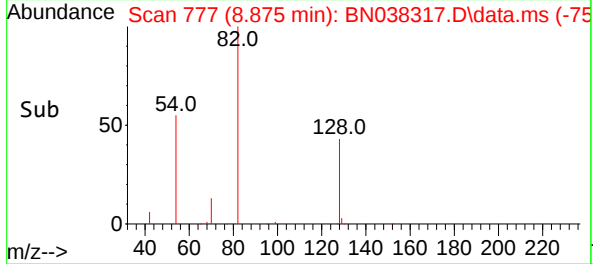
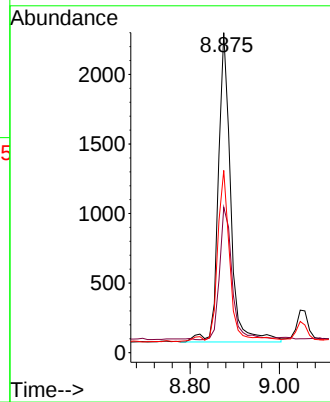
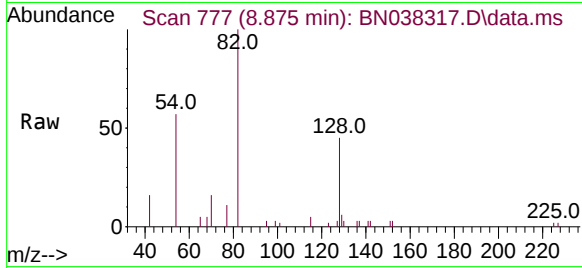




#8
Nitrobenzene-d5
Concen: 0.358 ng
RT: 8.875 min Scan# 777
Delta R.T. 0.000 min
Lab File: BN038317.D
Acq: 11 Dec 2025 14:50

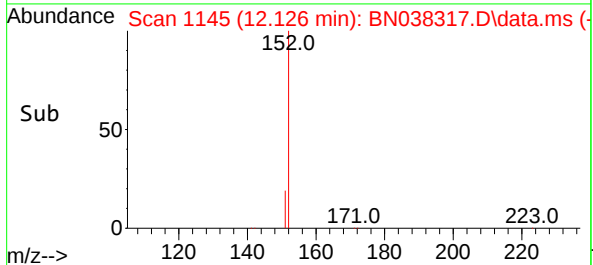
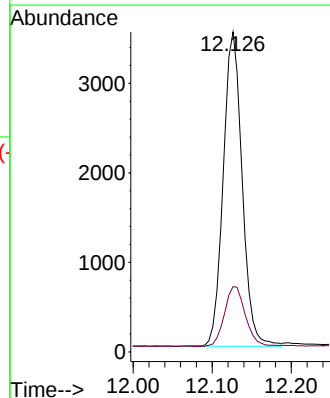
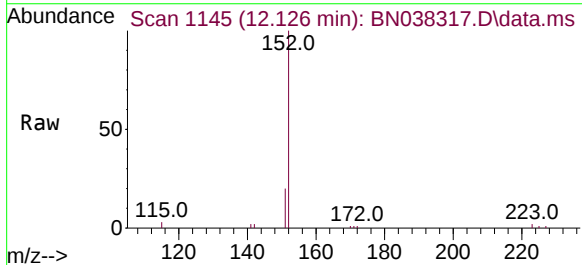
Instrument :
BNA_N
ClientSampleId :
EB01-120325

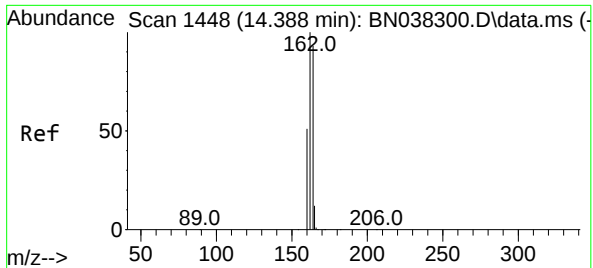
Tgt Ion:	82	Resp:	4270
Ion Ratio	Lower	Upper	
82	100		
128	45.4	34.0	51.0
54	56.9	44.4	66.6



#11
2-Methylnaphthalene-d10
Concen: 0.291 ng
RT: 12.126 min Scan# 1145
Delta R.T. 0.000 min
Lab File: BN038317.D
Acq: 11 Dec 2025 14:50

Tgt Ion:	152	Resp:	5803
Ion Ratio	Lower	Upper	
152	100		
151	21.6	17.0	25.6

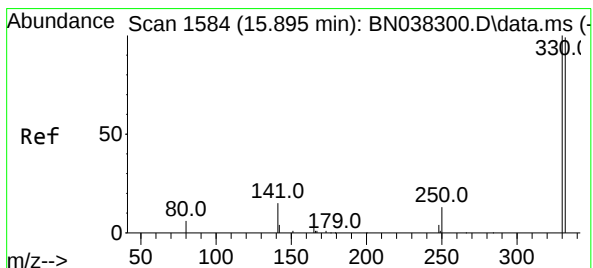
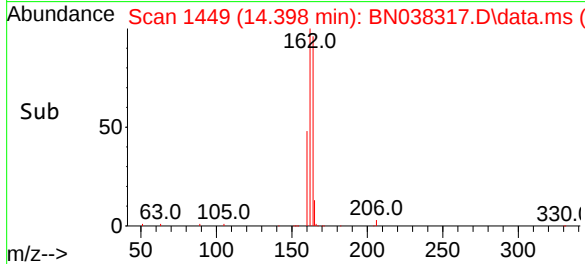
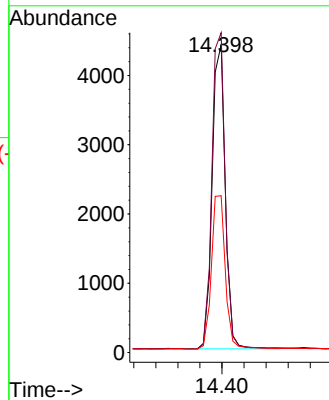
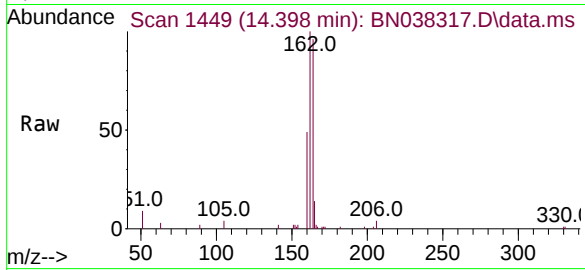




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.398 min Scan# 1448
Delta R.T. 0.000 min
Lab File: BN038317.D
Acq: 11 Dec 2025 14:50

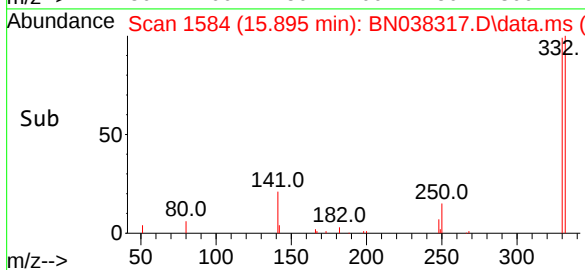
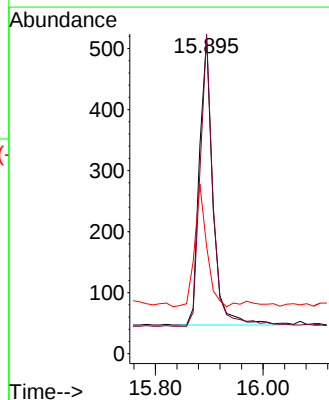
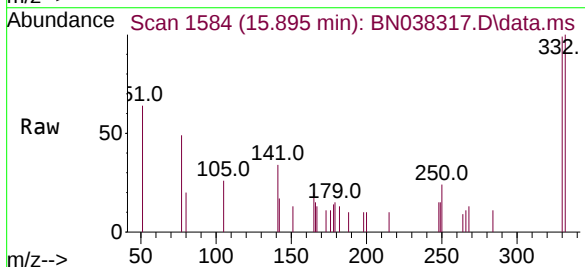
Instrument :
BNA_N
ClientSampleId :
EB01-120325

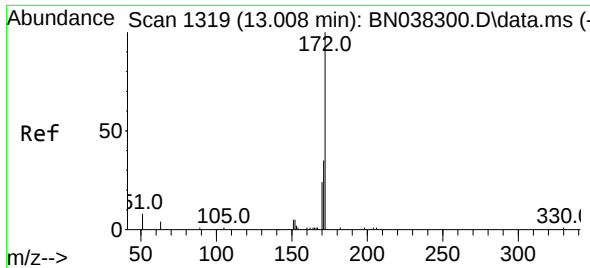
Tgt Ion:164 Resp: 7229
Ion Ratio Lower Upper
164 100
162 103.9 86.2 129.4
160 50.9 44.6 67.0



#14
2,4,6-Tribromophenol
Concen: 0.255 ng
RT: 15.895 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BN038317.D
Acq: 11 Dec 2025 14:50

Tgt Ion:330 Resp: 817
Ion Ratio Lower Upper
330 100
332 98.0 75.8 113.6
141 38.1 31.8 47.8

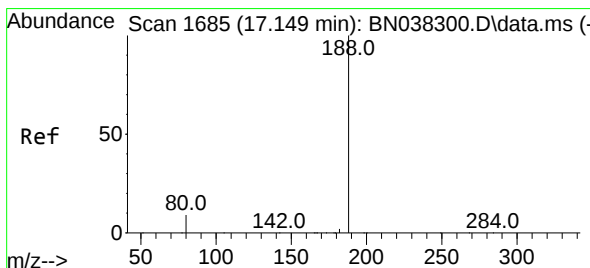
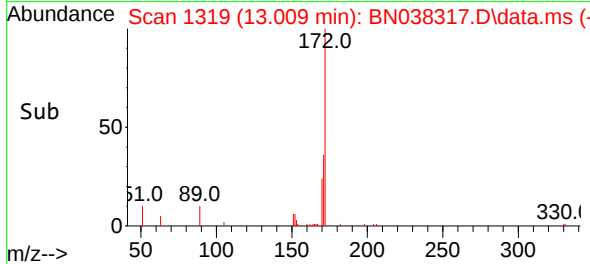
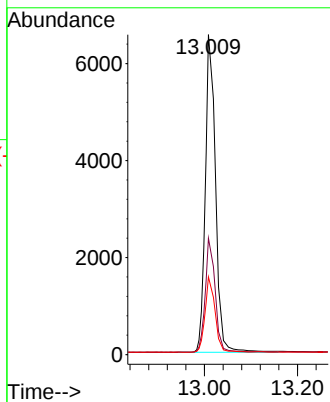
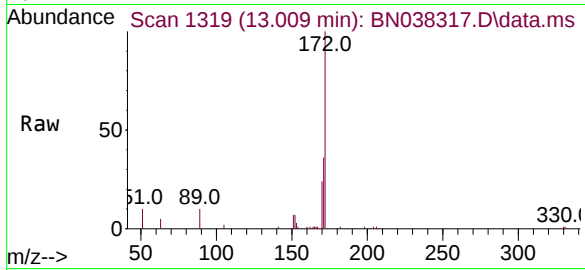




#15
2-Fluorobiphenyl
Concen: 0.292 ng
RT: 13.009 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BN038317.D
Acq: 11 Dec 2025 14:50

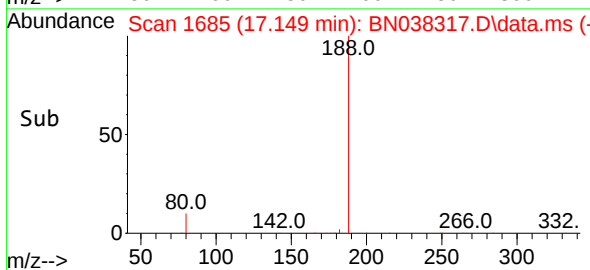
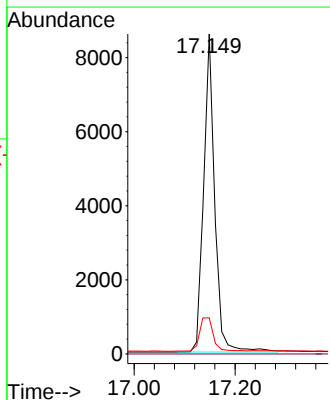
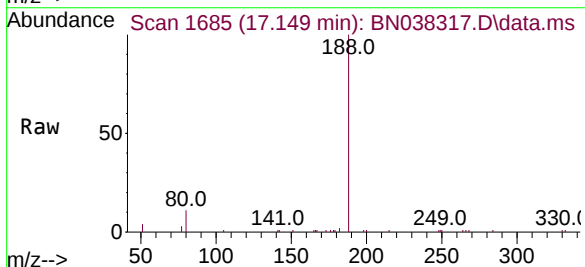
Instrument :
BNA_N
ClientSampleId :
EB01-120325

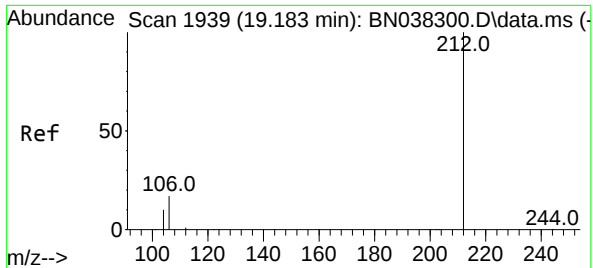
Tgt Ion:	172	Resp:	10166
Ion Ratio	Lower	Upper	
172	100		
171	36.4	28.6	42.8
170	24.3	19.3	28.9



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.149 min Scan# 1685
Delta R.T. 0.000 min
Lab File: BN038317.D
Acq: 11 Dec 2025 14:50

Tgt Ion:	188	Resp:	13027
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	11.3	7.4	11.0





#27

Fluoranthene-d10

Concen: 0.398 ng

RT: 19.188 min Scan# 19

Delta R.T. 0.000 min

Lab File: BN038317.D

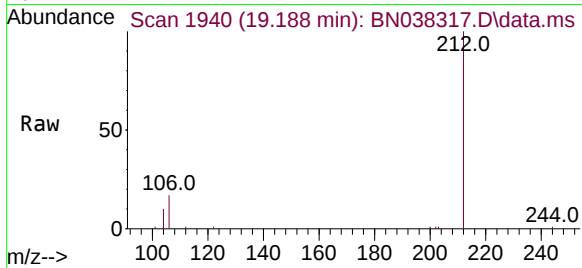
Acq: 11 Dec 2025 14:50

Instrument :

BNA_N

ClientSampleId :

EB01-120325



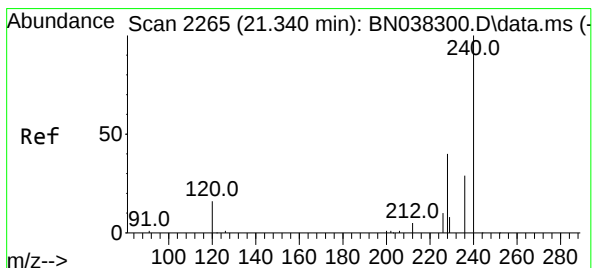
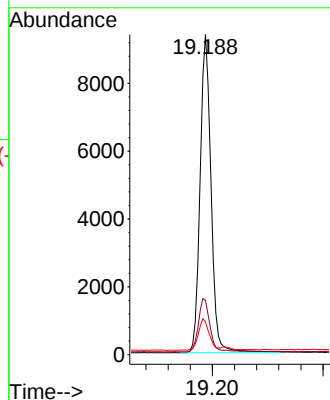
Tgt Ion:212 Resp: 12814

Ion Ratio Lower Upper

212 100

106 17.9 13.7 20.5

104 9.8 7.8 11.8



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.349 min Scan# 2266

Delta R.T. 0.009 min

Lab File: BN038317.D

Acq: 11 Dec 2025 14:50

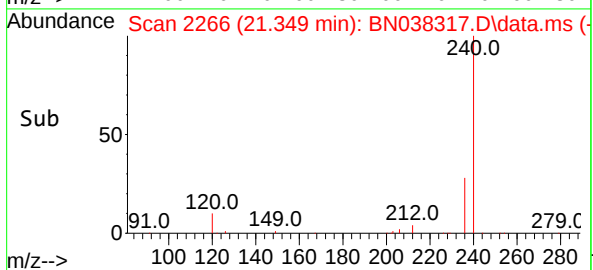
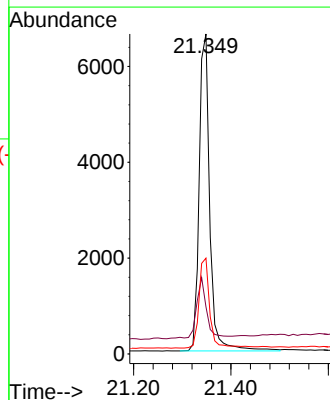
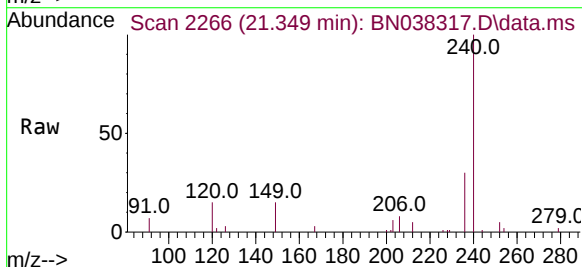
Tgt Ion:240 Resp: 10027

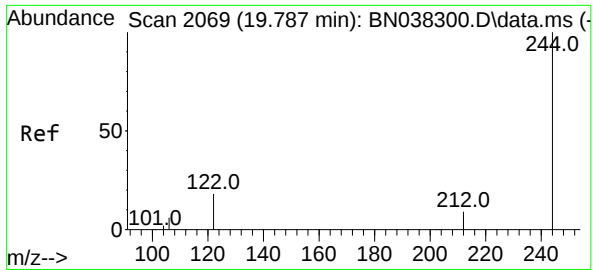
Ion Ratio Lower Upper

240 100

120 14.7 15.4 23.2#

236 30.0 23.9 35.9

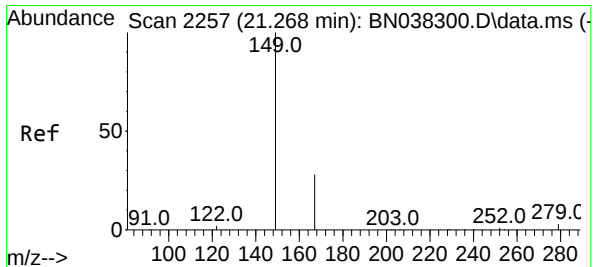
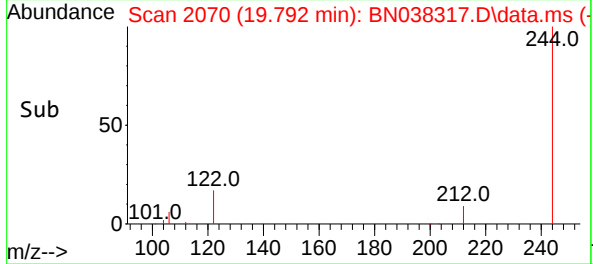
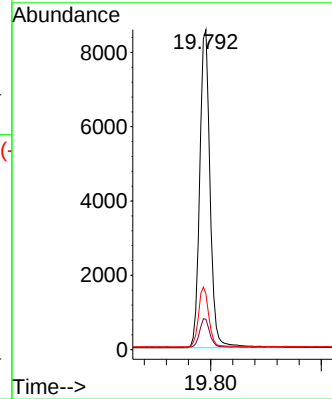
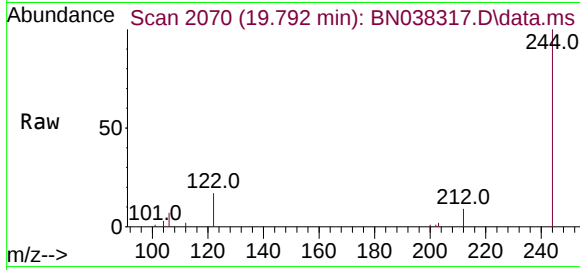




#31
Terphenyl-d14
Concen: 0.498 ng
RT: 19.792 min Scan# 2069
Delta R.T. 0.000 min
Lab File: BN038317.D
Acq: 11 Dec 2025 14:50

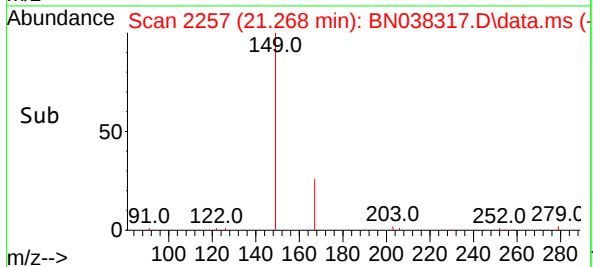
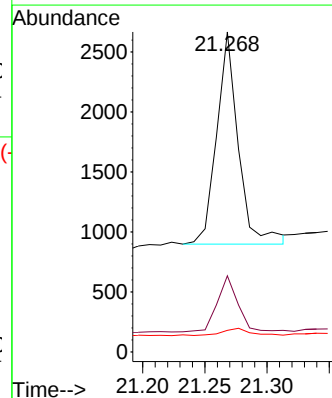
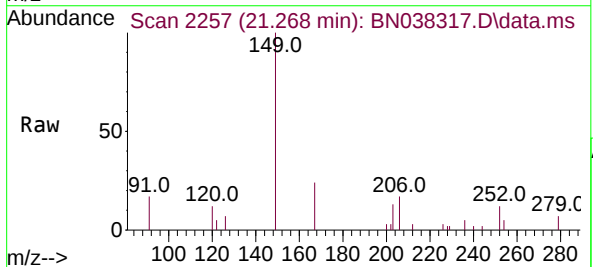
Instrument :
BNA_N
ClientSampleId :
EB01-120325

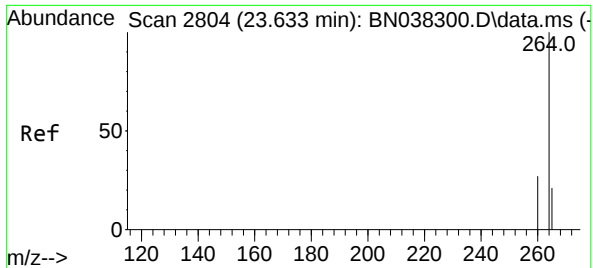
Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.9	11.9
122	17.4	15.0	22.6



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.101 ng
RT: 21.268 min Scan# 2257
Delta R.T. 0.000 min
Lab File: BN038317.D
Acq: 11 Dec 2025 14:50

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.7	21.4	32.0
279	4.6	2.4	3.6





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.639 min Scan# 2806

Delta R.T. 0.006 min

Lab File: BN038317.D

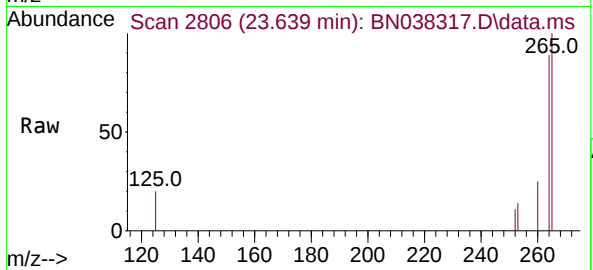
Acq: 11 Dec 2025 14:50

Instrument :

BNA_N

ClientSampleId :

EB01-120325



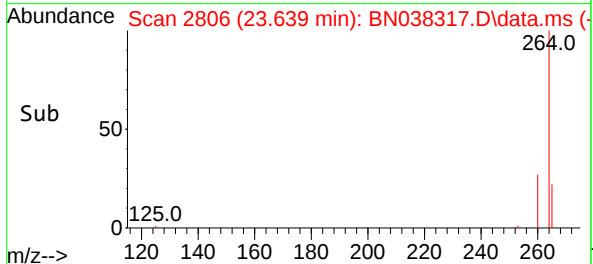
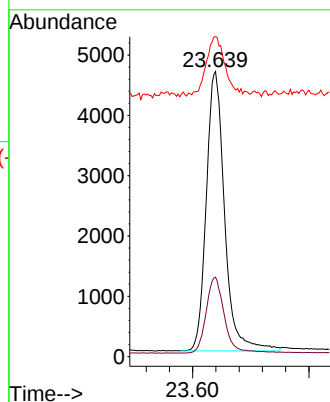
Tgt Ion:264 Resp: 10159

Ion Ratio Lower Upper

264 100

260 27.9 22.2 33.2

265 112.3 80.2 120.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120625\
 Data File : BN038288.D
 Acq On : 06 Dec 2025 00:19
 Operator : RC/JU
 Sample : PB170838BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB170838BL

Quant Time: Dec 06 00:56:40 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 28 21:04:10 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.760	152	7136	0.400	ng	0.00
7) Naphthalene-d8	10.562	136	19157	0.400	ng	#-0.01
13) Acenaphthene-d10	14.430	164	8410	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	11693	0.400	ng	# 0.00
29) Chrysene-d12	21.375	240	9196	0.400	ng	# 0.00
35) Perylene-d12	23.677	264	9718	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.334	112	5905	0.354	ng	0.00
5) Phenol-d6	6.930	99	6410	0.308	ng	0.00
8) Nitrobenzene-d5	8.918	82	5582	0.364	ng	0.00
11) 2-Methylnaphthalene-d10	12.167	152	8458	0.311	ng	0.00
14) 2,4,6-Tribromophenol	15.944	330	448	0.169	ng	0.01
15) 2-Fluorobiphenyl	13.051	172	12403	0.382	ng	0.00
27) Fluoranthene-d10	19.220	212	10011	0.395	ng	0.00
31) Terphenyl-d14	19.819	244	7406	0.349	ng	0.00

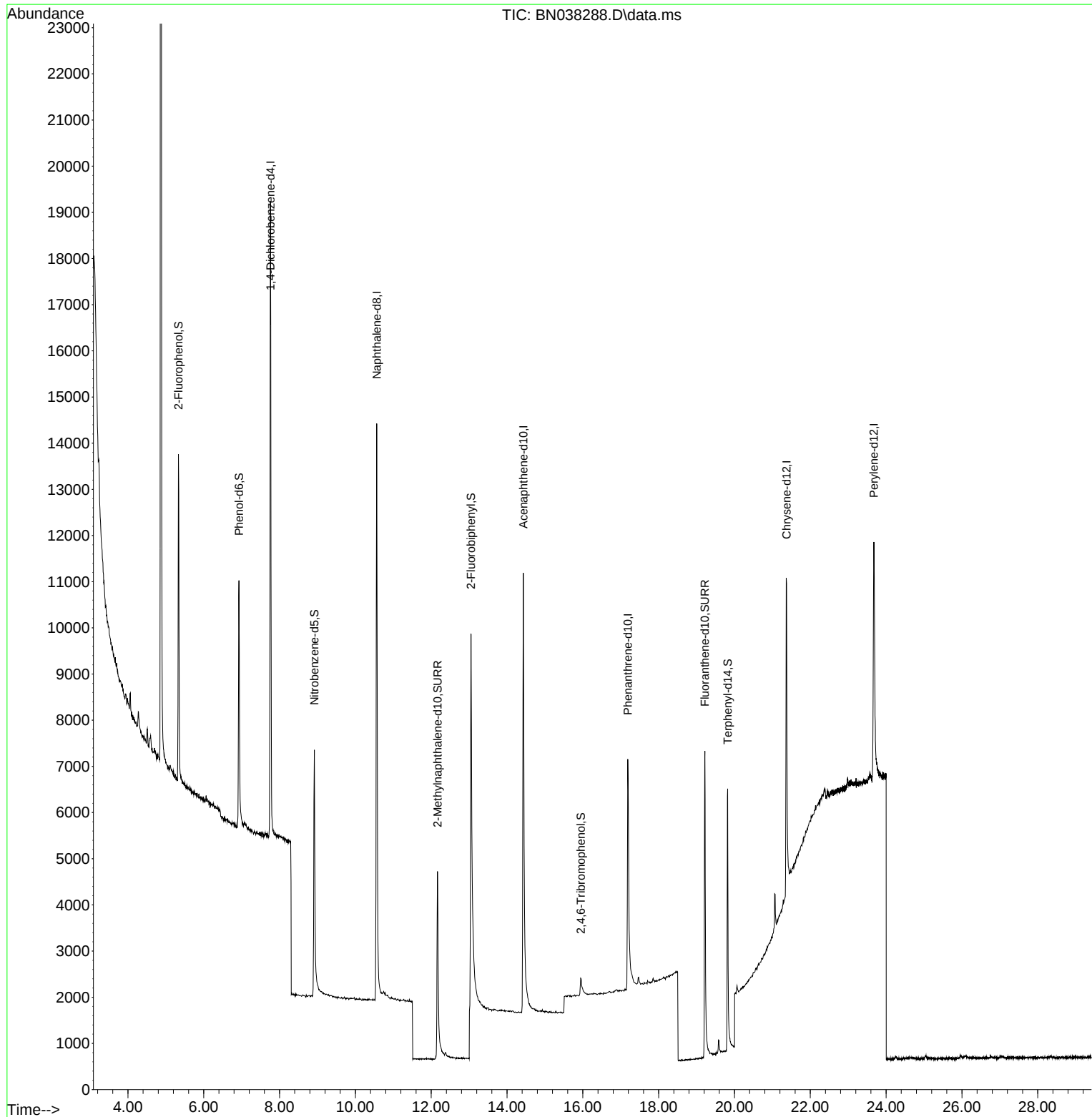
Target Compounds	Qvalue

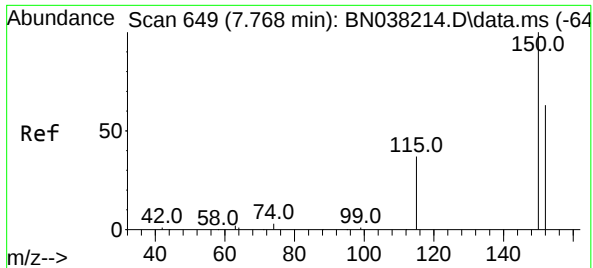
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120625\
Data File : BN038288.D
Acq On : 06 Dec 2025 00:19
Operator : RC/JU
Sample : PB170838BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB170838BL

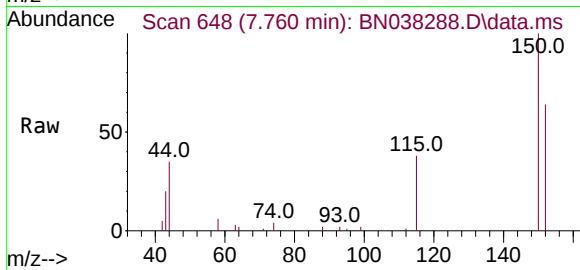
Quant Time: Dec 06 00:56:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 28 21:04:10 2025
Response via : Initial Calibration



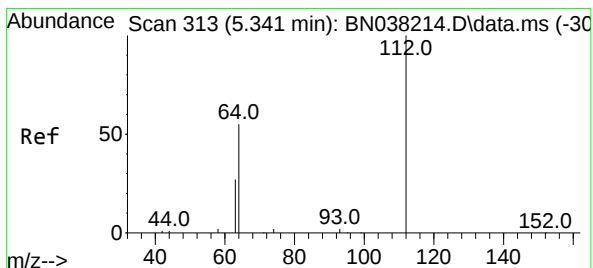
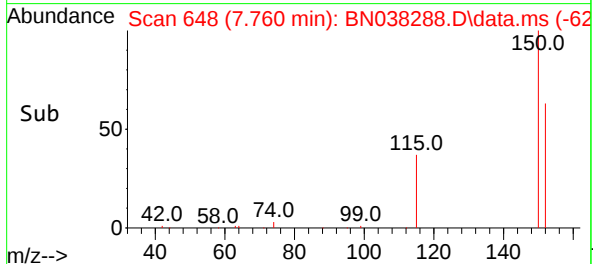
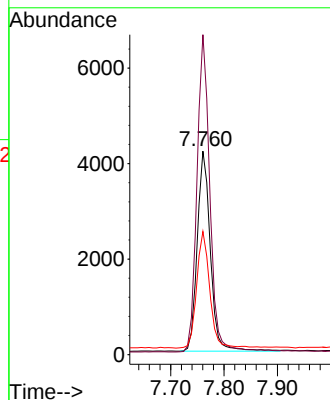


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.760 min Scan# 64
Delta R.T. -0.008 min
Lab File: BN038288.D
Acq: 06 Dec 2025 00:19

Instrument :
BNA_N
ClientSampleId :
PB170838BL

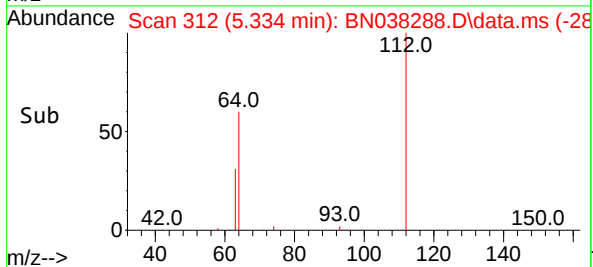
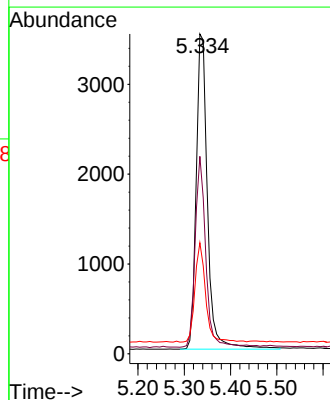
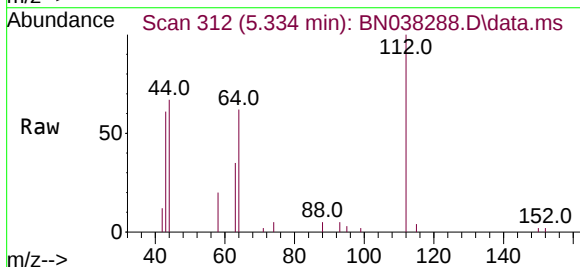


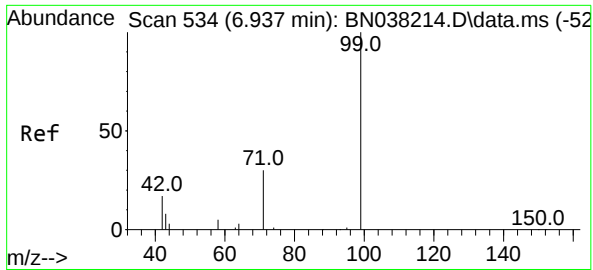
Tgt Ion:152 Resp: 7136
Ion Ratio Lower Upper
152 100
150 157.3 125.3 187.9
115 60.5 49.0 73.4



#4
2-Fluorophenol
Concen: 0.354 ng
RT: 5.334 min Scan# 312
Delta R.T. -0.007 min
Lab File: BN038288.D
Acq: 06 Dec 2025 00:19

Tgt Ion:112 Resp: 5905
Ion Ratio Lower Upper
112 100
64 56.7 45.0 67.4
63 29.9 23.2 34.8

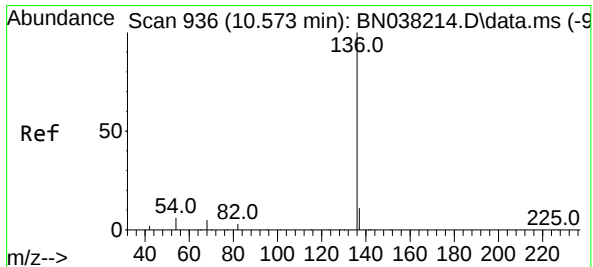
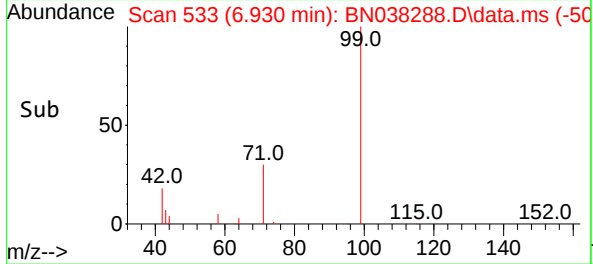
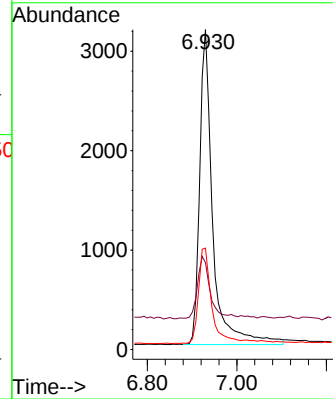
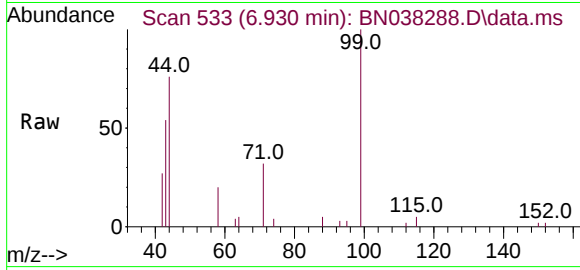




#5
Phenol-d6
Concen: 0.308 ng
RT: 6.930 min Scan# 534
Delta R.T. -0.007 min
Lab File: BN038288.D
Acq: 06 Dec 2025 00:19

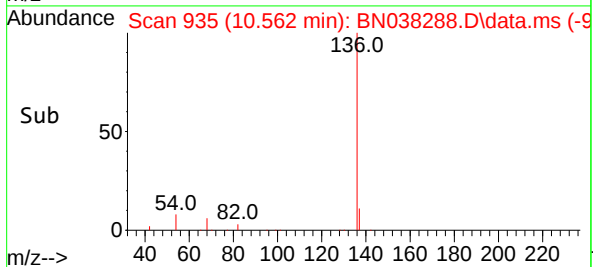
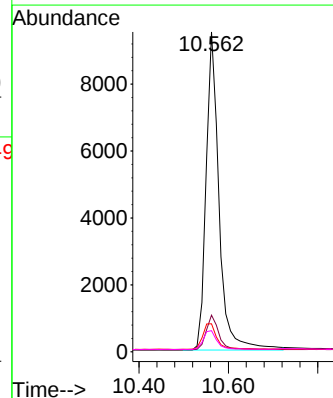
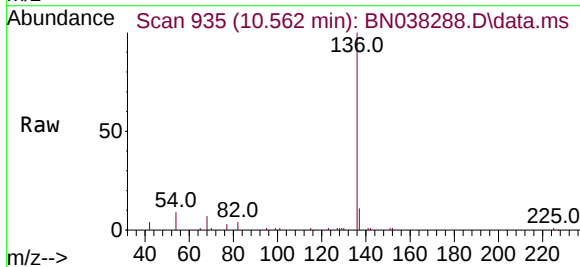
Instrument :
BNA_N
ClientSampleId :
PB170838BL

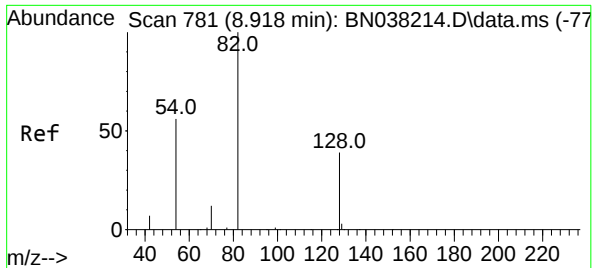
Tgt Ion: 99 Resp: 6410
Ion Ratio Lower Upper
99 100
42 19.6 17.0 25.6
71 30.2 25.4 38.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.562 min Scan# 935
Delta R.T. -0.011 min
Lab File: BN038288.D
Acq: 06 Dec 2025 00:19

Tgt Ion: 136 Resp: 19157
Ion Ratio Lower Upper
136 100
137 11.5 8.9 13.3
54 8.8 5.4 8.0#
68 6.6 4.1 6.1#

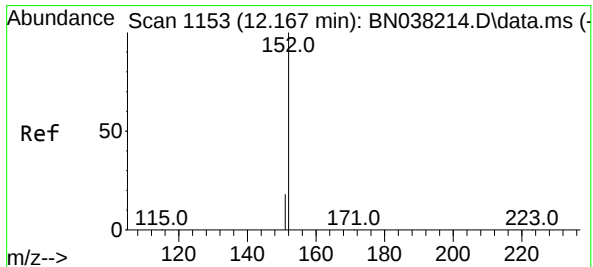
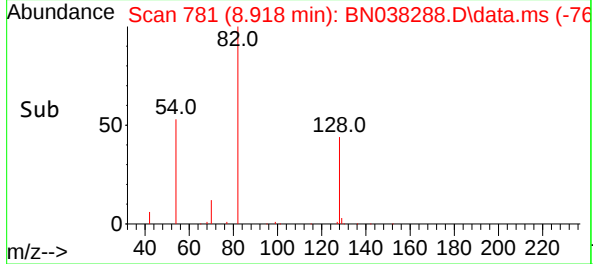
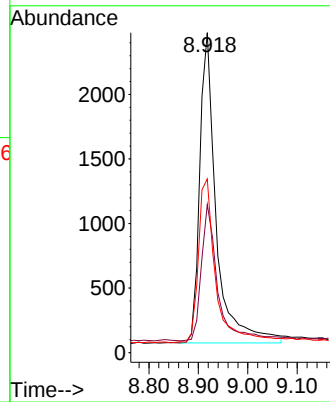
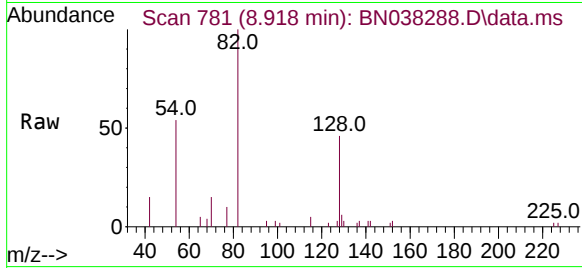




#8
Nitrobenzene-d5
Concen: 0.364 ng
RT: 8.918 min Scan# 781
Delta R.T. 0.000 min
Lab File: BN038288.D
Acq: 06 Dec 2025 00:19

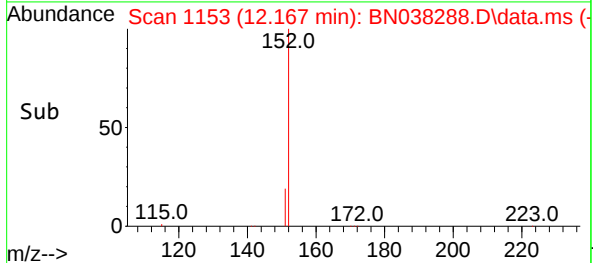
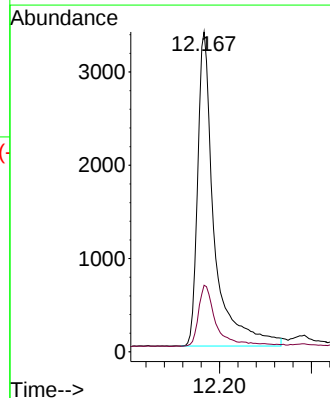
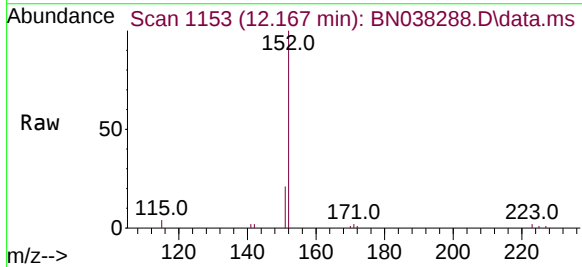
Instrument :
BNA_N
ClientSampleId :
PB170838BL

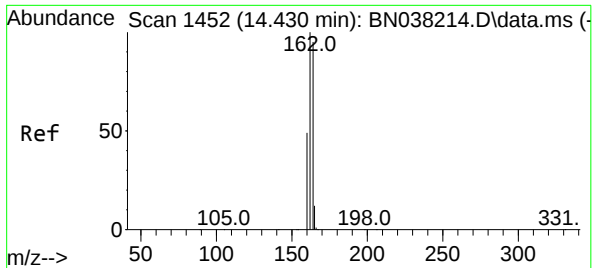
Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.3	32.6	48.8
54	54.3	45.4	68.0



#11
2-Methylnaphthalene-d10
Concen: 0.311 ng
RT: 12.167 min Scan# 1153
Delta R.T. -0.000 min
Lab File: BN038288.D
Acq: 06 Dec 2025 00:19

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.1	16.7	25.1

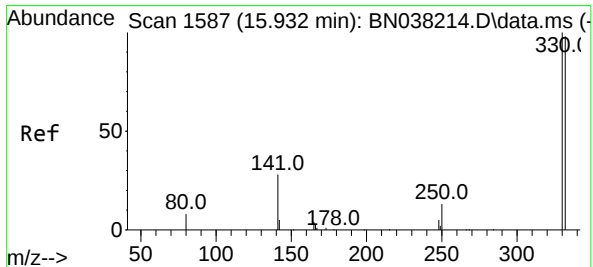
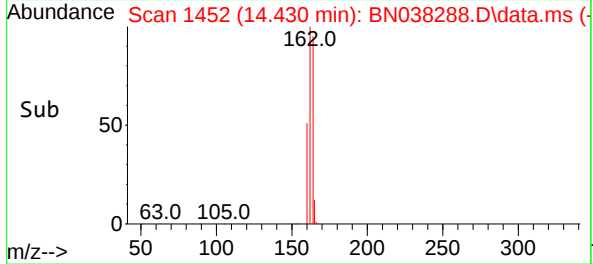
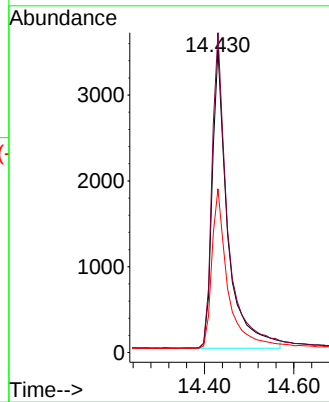
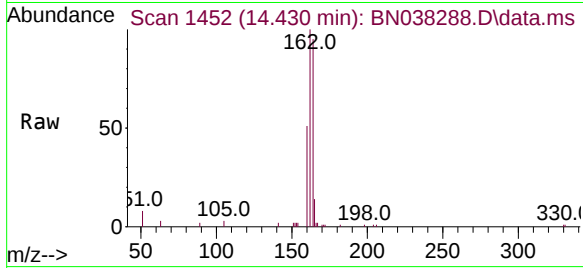




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BN038288.D
Acq: 06 Dec 2025 00:19

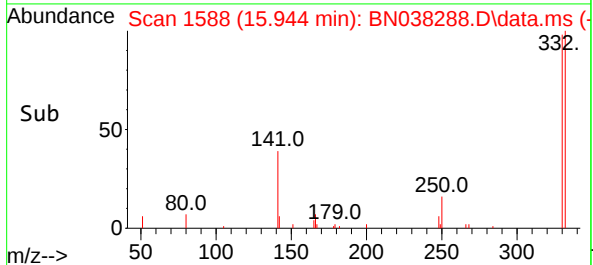
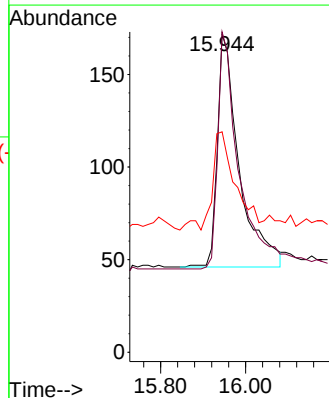
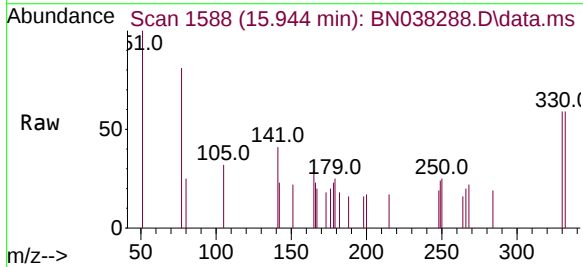
Instrument :
BNA_N
ClientSampleId :
PB170838BL

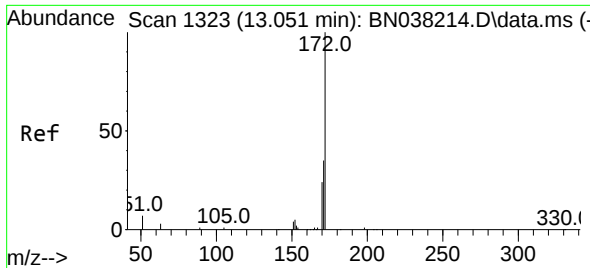
Tgt Ion	164	Resp:	8410
Ion Ratio	Lower	Upper	
164	100		
162	105.6	83.8	125.8
160	54.0	41.6	62.4



#14
2,4,6-Tribromophenol
Concen: 0.169 ng
RT: 15.944 min Scan# 1588
Delta R.T. 0.012 min
Lab File: BN038288.D
Acq: 06 Dec 2025 00:19

Tgt Ion	330	Resp:	448
Ion Ratio	Lower	Upper	
330	100		
332	98.4	77.8	116.6
141	44.0	33.0	49.4

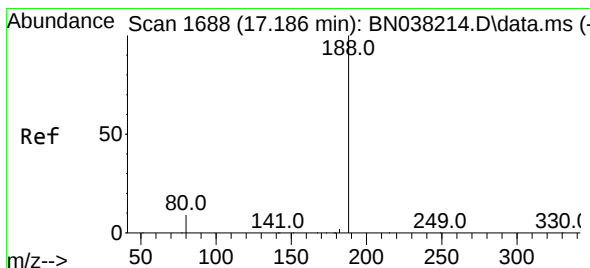
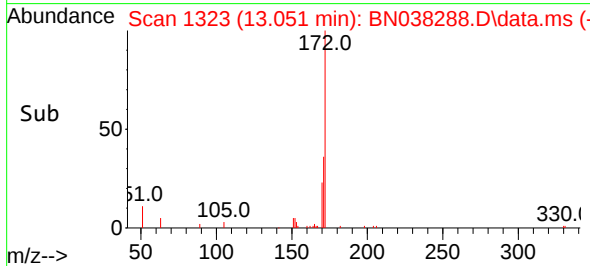
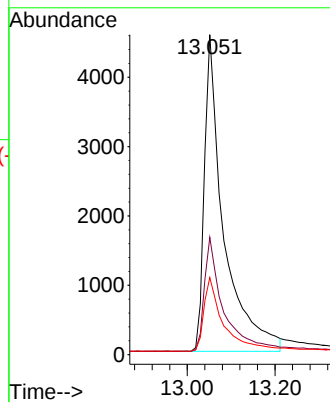
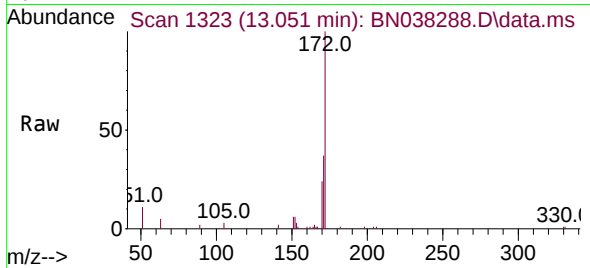




#15
2-Fluorobiphenyl
Concen: 0.382 ng
RT: 13.051 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BN038288.D
Acq: 06 Dec 2025 00:19

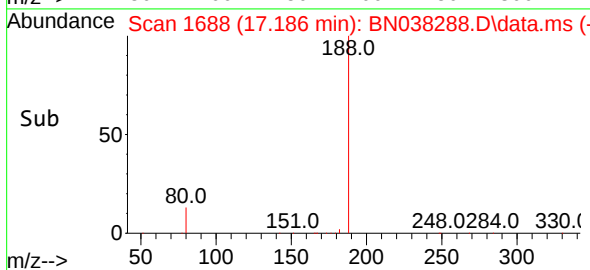
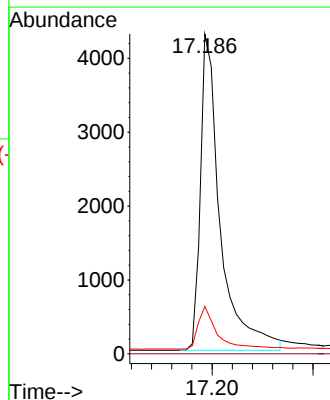
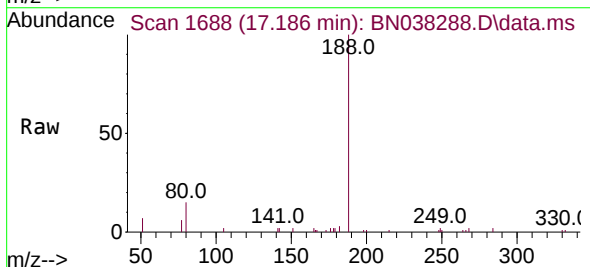
Instrument :
BNA_N
ClientSampleId :
PB170838BL

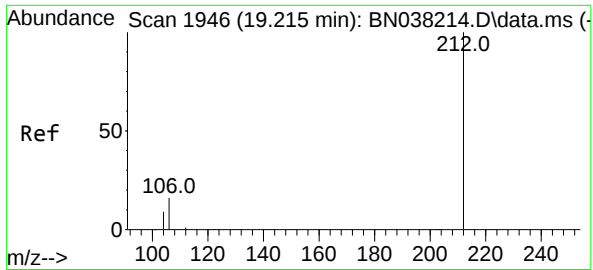
Tgt Ion:	172	Resp:	12403
Ion Ratio	Lower	Upper	
172	100		
171	36.6	28.1	42.1
170	24.1	19.1	28.7



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1688
Delta R.T. 0.000 min
Lab File: BN038288.D
Acq: 06 Dec 2025 00:19

Tgt Ion:	188	Resp:	11693
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	14.8	7.7	11.5

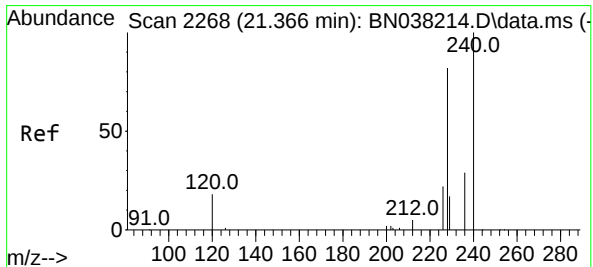
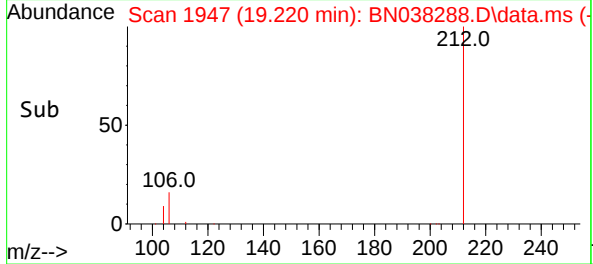
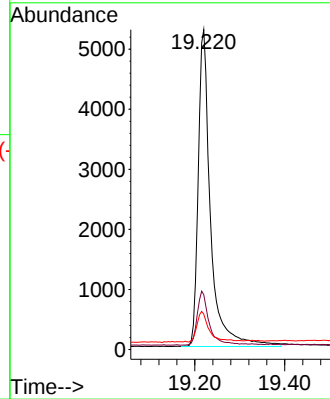
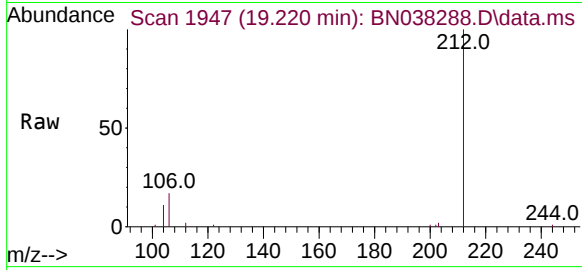




#27
Fluoranthene-d10
Concen: 0.395 ng
RT: 19.220 min Scan# 1947
Delta R.T. 0.005 min
Lab File: BN038288.D
Acq: 06 Dec 2025 00:19

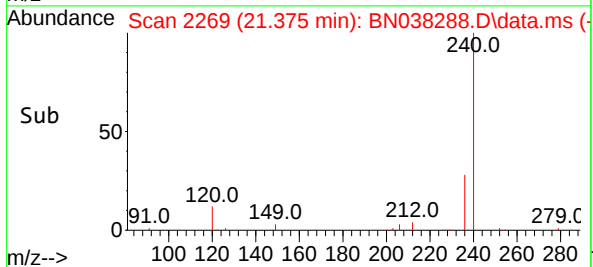
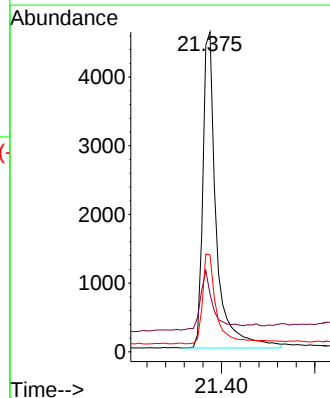
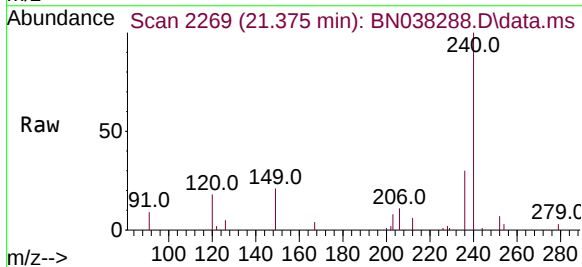
Instrument :
BNA_N
ClientSampleId :
PB170838BL

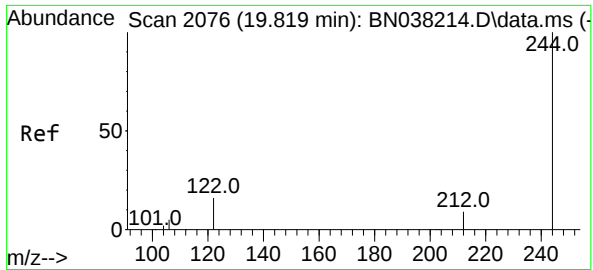
Tgt Ion	Ratio	Lower	Upper
212	100		
106	16.8	12.7	19.1
104	9.7	7.3	10.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.375 min Scan# 2269
Delta R.T. 0.009 min
Lab File: BN038288.D
Acq: 06 Dec 2025 00:19

Tgt Ion	Ratio	Lower	Upper
240	100		
120	18.1	18.1	27.1
236	30.2	24.2	36.4

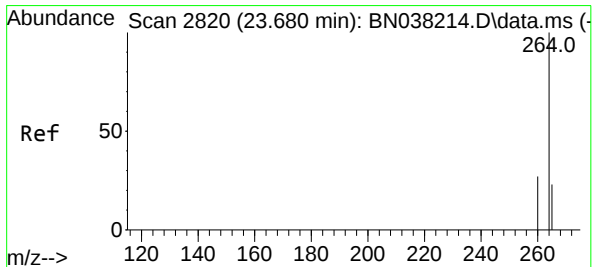
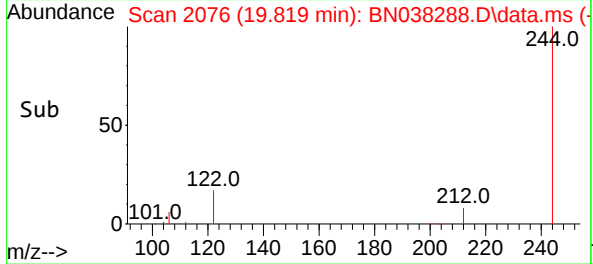
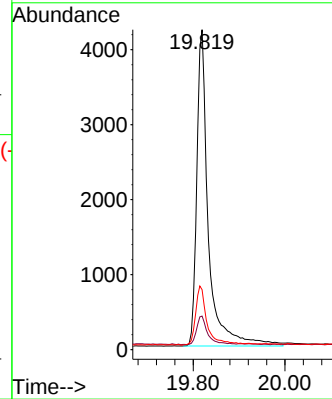
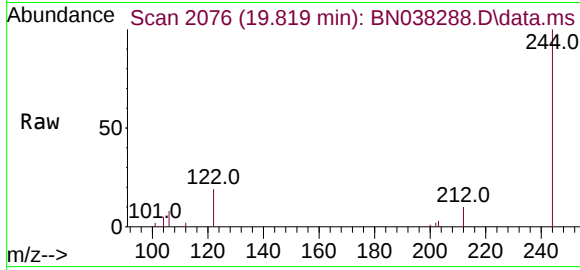




#31
Terphenyl-d14
Concen: 0.349 ng
RT: 19.819 min Scan# 2076
Delta R.T. -0.000 min
Lab File: BN038288.D
Acq: 06 Dec 2025 00:19

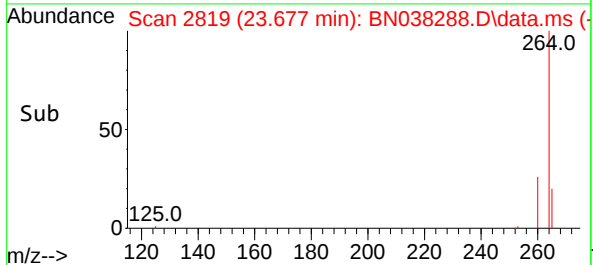
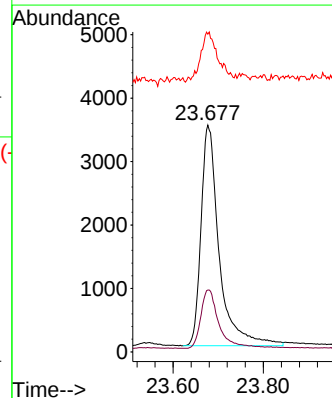
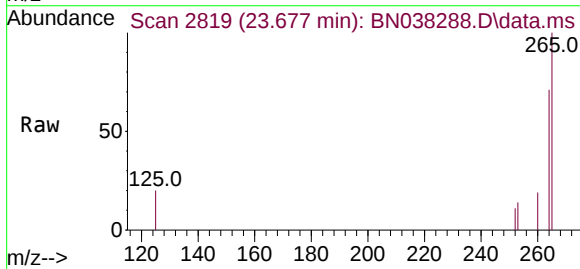
Instrument :
BNA_N
ClientSampleId :
PB170838BL

Tgt Ion:244 Resp: 7406
Ion Ratio Lower Upper
244 100
212 10.5 7.7 11.5
122 18.7 13.6 20.4



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.677 min Scan# 2819
Delta R.T. -0.003 min
Lab File: BN038288.D
Acq: 06 Dec 2025 00:19

Tgt Ion:264 Resp: 9718
Ion Ratio Lower Upper
264 100
260 27.3 21.7 32.5
265 140.0 98.0 147.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120625\
 Data File : BN038289.D
 Acq On : 06 Dec 2025 00:55
 Operator : RC/JU
 Sample : PB170838BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB170838BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/08/2025
 Supervised By :mohammad ahmed 12/09/2025

Quant Time: Dec 06 01:31:20 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 28 21:04:10 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.760	152	7065	0.400	ng	0.00
7) Naphthalene-d8	10.562	136	18764	0.400	ng	#-0.01
13) Acenaphthene-d10	14.419	164	7890	0.400	ng	-0.01
19) Phenanthrene-d10	17.173	188	11230	0.400	ng	#-0.01
29) Chrysene-d12	21.366	240	9380	0.400	ng	# 0.00
35) Perylene-d12	23.674	264	9467	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.334	112	6540	0.396	ng	0.00
5) Phenol-d6	6.930	99	7356	0.357	ng	0.00
8) Nitrobenzene-d5	8.907	82	6354	0.423	ng	-0.01
11) 2-Methylnaphthalene-d10	12.161	152	10719m	0.402	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	842	0.339	ng	0.00
15) 2-Fluorobiphenyl	13.040	172	14399	0.472	ng	-0.01
27) Fluoranthene-d10	19.211	212	10168	0.417	ng	0.00
31) Terphenyl-d14	19.814	244	7877	0.364	ng	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.254	88	2458	0.330	ng	# 34
3) n-Nitrosodimethylamine	3.557	42	3487	0.380	ng	# 94
6) bis(2-Chloroethyl)ether	7.183	93	7355	0.372	ng	97
9) Naphthalene	10.615	128	20286	0.389	ng	100
10) Hexachlorobutadiene	10.904	225	3715	0.419	ng	# 100
12) 2-Methylnaphthalene	12.232	142	11265	0.329	ng	98
16) Acenaphthylene	14.142	152	15238	0.432	ng	99
17) Acenaphthene	14.484	154	9248	0.376	ng	99
18) Fluorene	15.478	166	11047	0.347	ng	98
20) 4,6-Dinitro-2-methylph...	15.572	198	252	0.381	ng	# 84
21) 4-Bromophenyl-phenylether	16.379	248	2987	0.384	ng	98
22) Hexachlorobenzene	16.491	284	3789	0.396	ng	99
23) Atrazine	16.639	200	1928	0.388	ng	# 93
24) Pentachlorophenol	16.838	266	1901	0.725	ng	98
25) Phenanthrene	17.223	178	13357	0.379	ng	99
26) Anthracene	17.310	178	11917	0.396	ng	99
28) Fluoranthene	19.243	202	13981	0.411	ng	99
30) Pyrene	19.605	202	14466	0.309	ng	99
32) Benzo(a)anthracene	21.348	228	12883	0.406	ng	100
33) Chrysene	21.402	228	15070	0.402	ng	99
34) Bis(2-ethylhexyl)phtha...	21.286	149	5639	0.324	ng	99
36) Indeno(1,2,3-cd)pyrene	26.028	276	18395	0.420	ng	99
37) Benzo(b)fluoranthene	22.975	252	14844	0.382	ng	99
38) Benzo(k)fluoranthene	23.022	252	16342	0.405	ng	100
39) Benzo(a)pyrene	23.572	252	13524	0.415	ng	97
40) Dibenzo(a,h)anthracene	26.042	278	13869	0.418	ng	99
41) Benzo(g,h,i)perylene	26.738	276	16373	0.413	ng	98

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

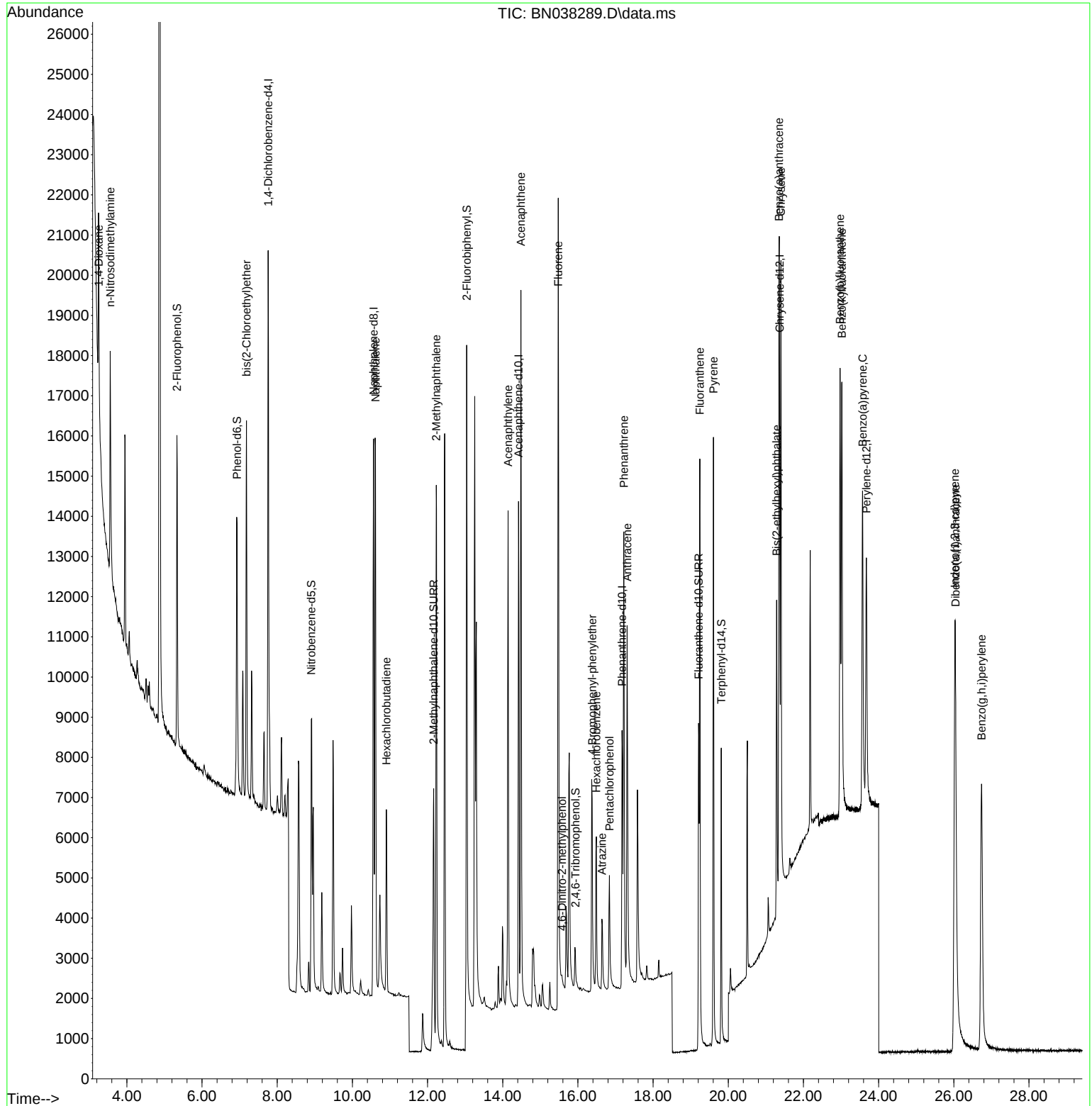
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 Data File : BN038289.D
 Acq On : 06 Dec 2025 00:55
 Operator : RC/JU
 Sample : PB170838BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB170838BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/08/2025
 Supervised By :mohammad ahmed 12/09/2025

Quant Time: Dec 06 01:31:20 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 28 21:04:10 2025
 Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120625\
 Data File : BN038290.D
 Acq On : 06 Dec 2025 01:32
 Operator : RC/JU
 Sample : PB170838BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB170838BSD

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/08/2025
 Supervised By :mohammad ahmed 12/09/2025

Quant Time: Dec 06 03:22:41 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 28 21:04:10 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.761	152	6710	0.400	ng	0.00
7) Naphthalene-d8	10.562	136	17808	0.400	ng	-0.01
13) Acenaphthene-d10	14.420	164	7711	0.400	ng	-0.01
19) Phenanthrene-d10	17.173	188	11030	0.400	ng	#-0.01
29) Chrysene-d12	21.367	240	9170	0.400	ng	0.00
35) Perylene-d12	23.674	264	9318	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.334	112	5574	0.355	ng	0.00
5) Phenol-d6	6.930	99	6244	0.319	ng	0.00
8) Nitrobenzene-d5	8.907	82	5209	0.366	ng	-0.01
11) 2-Methylnaphthalene-d10	12.162	152	8483m	0.336	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	753	0.310	ng	0.00
15) 2-Fluorobiphenyl	13.041	172	12021	0.404	ng	-0.01
27) Fluoranthene-d10	19.211	212	9232	0.386	ng	0.00
31) Terphenyl-d14	19.815	244	7154	0.338	ng	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.254	88	2191	0.310	ng	# 46
3) n-Nitrosodimethylamine	3.557	42	2989	0.343	ng	96
6) bis(2-Chloroethyl)ether	7.183	93	6324	0.337	ng	97
9) Naphthalene	10.605	128	17110	0.346	ng	99
10) Hexachlorobutadiene	10.904	225	3172	0.377	ng	# 98
12) 2-Methylnaphthalene	12.233	142	9566	0.294	ng	99
16) Acenaphthylene	14.142	152	13059	0.379	ng	99
17) Acenaphthene	14.484	154	7931	0.330	ng	98
18) Fluorene	15.478	166	9500	0.305	ng	98
20) 4,6-Dinitro-2-methylph...	15.572	198	206	0.347	ng	# 64
21) 4-Bromophenyl-phenylether	16.379	248	2578	0.337	ng	99
22) Hexachlorobenzene	16.491	284	3363	0.358	ng	97
23) Atrazine	16.640	200	1714	0.351	ng	# 91
24) Pentachlorophenol	16.838	266	1688	0.655	ng	99
25) Phenanthrene	17.223	178	11833	0.342	ng	99
26) Anthracene	17.310	178	10550	0.357	ng	100
28) Fluoranthene	19.243	202	12671	0.380	ng	99
30) Pyrene	19.606	202	13070	0.285	ng	100
32) Benzo(a)anthracene	21.349	228	11259	0.363	ng	99
33) Chrysene	21.402	228	13503	0.368	ng	99
34) Bis(2-ethylhexyl)phtha...	21.286	149	5015	0.295	ng	98
36) Indeno(1,2,3-cd)pyrene	26.028	276	16471	0.382	ng	99
37) Benzo(b)fluoranthene	22.976	252	13219	0.346	ng	97
38) Benzo(k)fluoranthene	23.022	252	14429	0.363	ng	97
39) Benzo(a)pyrene	23.569	252	11901	0.371	ng	98
40) Dibenzo(a,h)anthracene	26.045	278	12263	0.376	ng	99
41) Benzo(g,h,i)perylene	26.738	276	14353	0.368	ng	97

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

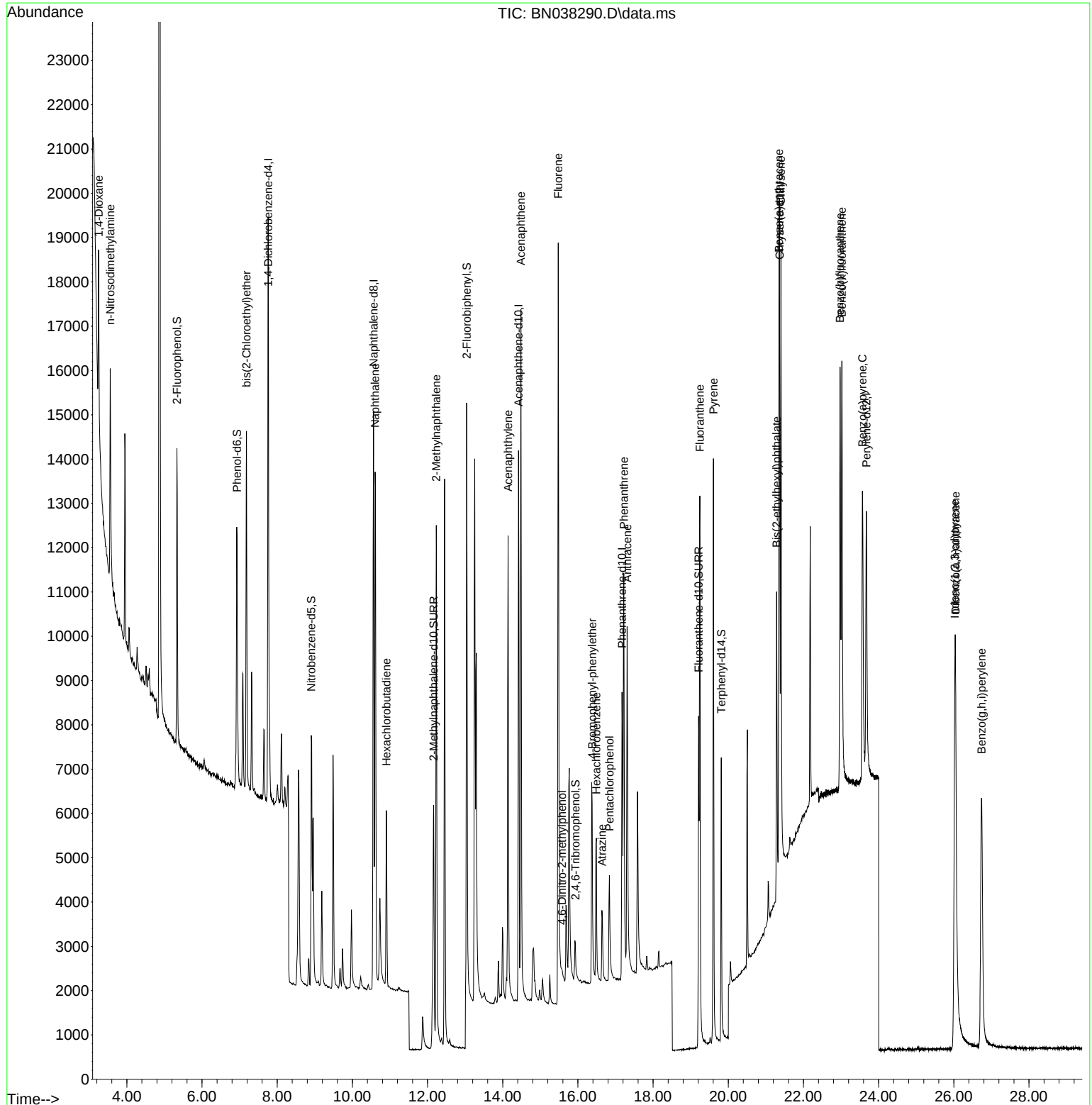
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 Data File : BN038290.D
 Acq On : 06 Dec 2025 01:32
 Operator : RC/JU
 Sample : PB170838BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB170838BSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/08/2025
 Supervised By :mohammad ahmed 12/09/2025

Quant Time: Dec 06 03:22:41 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 28 21:04:10 2025
 Response via : Initial Calibration





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

Manual Integration Report

Sequence:	BN112725	Instrument	BNA_n
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC0.1	BN038212.D	Benzo(g,h,i)perylene	Jagrut	12/2/2025 4:10:05 PM	mohammad	12/3/2025 1:12:27 AM	Peak Integrated by Software

Manual Integration Report

Sequence:	BN120625	Instrument	BNA_n
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB170838BS	BN038289.D	2-Methylnaphthalene-d1 0	Jagrut	12/8/2025 3:29:59 PM	mohammad	12/9/2025 12:44:58 AM	Peak Integrated by Software
PB170838BSD	BN038290.D	2-Methylnaphthalene-d1 0	Jagrut	12/8/2025 3:30:02 PM	mohammad	12/9/2025 12:44:58 AM	Peak Integrated by Software



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

Manual Integration Report

Sequence:

BN121025

Instrument

BNA_n

Sample ID

File ID

Parameter

Review By

Review On

Supervised
By

Supervised On

Reason



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

Manual Integration Report

Sequence:

BN121125

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 # BN112725

Review By	Jagrut	Review On	12/2/2025 3:36:38 PM
Supervise By	mohammad	Supervise On	12/3/2025 1:12:27 AM
SubDirectory	BN112725	HP Acquire Method	BNA_N, 8270_SiM HP Processing Method BN112725
STD. NAME	STD REF.#		
Tune/Reschk	SP6875		
Initial Calibration Stds	SP6897,SP6898,SP6900,SP6901,SP6902,SP6903,SP6904		
CCC	SP6902		
Internal Standard/PEM	SP6907,10ul/1000ul sample		
ICV/I.BLK	SP6906		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BN038211.D	26 Nov 2025 19:55	RC/JU	Ok
2	SSTDICC0.1	BN038212.D	26 Nov 2025 20:35	RC/JU	Ok,M
3	SSTDICC0.2	BN038213.D	26 Nov 2025 21:12	RC/JU	Ok
4	SSTDICCC0.4	BN038214.D	26 Nov 2025 21:48	RC/JU	Ok
5	SSTDICC0.8	BN038215.D	26 Nov 2025 22:25	RC/JU	Ok
6	SSTDICC1.6	BN038216.D	26 Nov 2025 23:01	RC/JU	Ok
7	SSTDICC3.2	BN038217.D	26 Nov 2025 23:37	RC/JU	Ok
8	SSTDICC5.0	BN038218.D	27 Nov 2025 00:13	RC/JU	Ok
9	SSTDICV0.4	BN038219.D	27 Nov 2025 00:49	RC/JU	Ok
10	PB170483BL	BN038220.D	27 Nov 2025 02:01	RC/JU	Ok

M : Manual Integration

Instrument ID: **BNA_N**

Daily Analysis Runlog For Sequence/QC Batch ID # BN120625

Review By	Jagrut	Review On	12/8/2025 3:30:30 PM
Supervise By	mohammad	Supervise On	12/9/2025 12:44:58 AM
SubDirectory	BN120625	HP Acquire Method	BNA_N, 8270_SiM HP Processing Method BN112725
STD. NAME	STD REF.#		
Tune/Reschk	SP6875		
Initial Calibration Stds	SP6897,SP6898,SP6900,SP6901,SP6902,SP6903,SP6904		
CCC	SP6902		
Internal Standard/PEM	SP6907,10ul/1000ul sample		
ICV/I.BLK	SP6906		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BN038286.D	05 Dec 2025 22:23	RC/JU	Ok
2	SSTDCCC0.4	BN038287.D	05 Dec 2025 23:42	RC/JU	Ok
3	PB170838BL	BN038288.D	06 Dec 2025 00:19	RC/JU	Ok
4	PB170838BS	BN038289.D	06 Dec 2025 00:55	RC/JU	Ok,M
5	PB170838BSD	BN038290.D	06 Dec 2025 01:32	RC/JU	Ok,M
6	Q3756-01	BN038291.D	06 Dec 2025 02:08	RC/JU	Ok
7	Q3756-03	BN038292.D	06 Dec 2025 02:45	RC/JU	Dilution
8	Q3756-05	BN038293.D	06 Dec 2025 03:21	RC/JU	Ok
9	Q3756-07	BN038294.D	06 Dec 2025 03:58	RC/JU	Ok,M
10	Q3756-09	BN038295.D	06 Dec 2025 04:35	RC/JU	Ok
11	Q3757-01	BN038296.D	06 Dec 2025 05:11	RC/JU	Ok

M : Manual Integration

Instrument ID: **BNA_N**

Daily Analysis Runlog For Sequence/QC Batch ID # BN121025

Review By	rahul	Review On	12/11/2025 4:30:54 PM
Supervise By	mohammad	Supervise On	12/13/2025 12:56:07 AM
SubDirectory	BN121025	HP Acquire Method	BNA_N, 8270_SiM HP Processing Method BN121025
STD. NAME	STD REF.#		
Tune/Reschk	SP6875		
Initial Calibration Stds	SP6947,SP6946,SP6945,SP6944,SP6943,SP6942,SP6940		
CCC	SP6945		
Internal Standard/PEM	SP6907,10ul/1000ul sample		
ICV/I.BLK	SP6949		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BN038297.D	10 Dec 2025 09:12	RC/JU	Ok
2	SSTDIC0.1	BN038298.D	10 Dec 2025 09:52	RC/JU	Ok
3	SSTDIC0.2	BN038299.D	10 Dec 2025 10:28	RC/JU	Ok
4	SSTDIC0.4	BN038300.D	10 Dec 2025 11:05	RC/JU	Ok
5	SSTDIC0.8	BN038301.D	10 Dec 2025 11:41	RC/JU	Ok
6	SSTDIC1.6	BN038302.D	10 Dec 2025 12:17	RC/JU	Ok
7	SSTDIC3.2	BN038303.D	10 Dec 2025 12:53	RC/JU	Ok
8	SSTDIC5.0	BN038304.D	10 Dec 2025 13:30	RC/JU	Ok
9	SSTDICV0.4	BN038305.D	10 Dec 2025 14:06	RC/JU	Ok
10	PB170590BL	BN038306.D	10 Dec 2025 14:42	RC/JU	Ok
11	Q3483-11	BN038307.D	10 Dec 2025 15:18	RC/JU	Dilution
12	Q3483-11DL	BN038308.D	10 Dec 2025 15:54	RC/JU	Ok,M
13	SSTDIC0.4	BN038309.D	10 Dec 2025 17:15	RC/JU	Ok

M : Manual Integration

Instrument ID: **BNA_N**

Daily Analysis Runlog For Sequence/QC Batch ID # BN121125

Review By	rahul	Review On	12/11/2025 4:31:02 PM
Supervise By	Jagrut	Supervise On	12/12/2025 2:27:51 PM
SubDirectory	BN121125	HP Acquire Method	BNA_N, 8270_SiM HP Processing Method BN121025
STD. NAME	STD REF.#		
Tune/Reschk	SP6875		
Initial Calibration Stds	SP6947,SP6946,SP6945,SP6944,SP6943,SP6942,SP6940		
CCC	SP6945		
Internal Standard/PEM	SP6907,10ul/1000ul sample		
ICV/I.BLK	SP6949		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BN038310.D	11 Dec 2025 10:33	RC/JU	Ok
2	SSTDCCC0.4	BN038311.D	11 Dec 2025 11:13	RC/JU	Ok
3	PB170850BL	BN038312.D	11 Dec 2025 11:49	RC/JU	Ok
4	Q3757-03	BN038313.D	11 Dec 2025 12:25	RC/JU	Dilution
5	Q3757-05	BN038314.D	11 Dec 2025 13:01	RC/JU	Ok
6	Q3757-07	BN038315.D	11 Dec 2025 13:38	RC/JU	Ok
7	Q3757-09	BN038316.D	11 Dec 2025 14:14	RC/JU	Ok
8	Q3757-11	BN038317.D	11 Dec 2025 14:50	RC/JU	Ok
9	Q3787-07	BN038318.D	11 Dec 2025 15:27	RC/JU	Ok
10	Q3787-09	BN038319.D	11 Dec 2025 16:03	RC/JU	Ok
11	Q3787-11	BN038320.D	11 Dec 2025 16:39	RC/JU	Ok
12	Q3787-13	BN038321.D	11 Dec 2025 17:15	RC/JU	Ok
13	Q3787-15	BN038322.D	11 Dec 2025 17:52	RC/JU	Ok
14	Q3787-17	BN038323.D	11 Dec 2025 18:28	RC/JU	Ok
15	Q3787-19	BN038324.D	11 Dec 2025 19:04	RC/JU	Ok
16	Q3788-07	BN038325.D	11 Dec 2025 19:40	RC/JU	Ok
17	Q3788-11	BN038326.D	11 Dec 2025 20:16	RC/JU	Ok
18	PB170850BS	BN038327.D	11 Dec 2025 20:52	RC/JU	Ok,M
19	SSTDCCC0.4	BN038328.D	11 Dec 2025 21:28	RC/JU	Ok
20	DFTPP	BN038329.D	11 Dec 2025 23:20	RC/JU	Ok
21	SSTDCCC0.4	BN038330.D	11 Dec 2025 23:59	RC/JU	Ok

Instrument ID: **BNA_N**

Daily Analysis Runlog For Sequence/QC Batch ID # BN121125

Review By	rahul	Review On	12/11/2025 4:31:02 PM
Supervise By	Jagrut	Supervise On	12/12/2025 2:27:51 PM
SubDirectory	BN121125	HP Acquire Method	BNA_N, 8270_SiM HP Processing Method BN121025
STD. NAME	STD REF.#		
Tune/Reschk	SP6875		
Initial Calibration Stds	SP6947,SP6946,SP6945,SP6944,SP6943,SP6942,SP6940		
CCC	SP6945		
Internal Standard/PEM	SP6907,10ul/1000ul sample		
ICV/I.BLK	SP6949		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	PB170850BL	BN038331.D	12 Dec 2025 00:36	RC/JU	Not Ok
23	Q3756-03DL	BN038332.D	12 Dec 2025 01:13	RC/JU	Ok
24	Q3757-03DL	BN038333.D	12 Dec 2025 01:49	RC/JU	Ok
25	Q3788-01	BN038334.D	12 Dec 2025 02:25	RC/JU	Dilution
26	Q3788-02MS	BN038335.D	12 Dec 2025 03:01	RC/JU	Ok,M
27	Q3788-03MSD	BN038336.D	12 Dec 2025 03:37	RC/JU	Ok,M
28	Q3787-01	BN038337.D	12 Dec 2025 04:13	RC/JU	Ok
29	Q3787-02MS	BN038338.D	12 Dec 2025 04:49	RC/JU	Ok,M
30	Q3787-03MSD	BN038339.D	12 Dec 2025 05:25	RC/JU	Ok,M
31	Q3788-09	BN038340.D	12 Dec 2025 06:02	RC/JU	Ok
32	SSTDCCC0.4	BN038341.D	12 Dec 2025 06:38	RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QC Batch ID # BN112725

Review By	Jagrut	Review On	12/2/2025 3:36:38 PM
Supervise By	mohammad	Supervise On	12/3/2025 1:12:27 AM
SubDirectory	BN112725	HP Acquire Method	BNA_N, 8270_HP Processing Method BN112725

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6897,SP6898,SP6900,SP6901,SP6902,SP6903,SP6904
CCC	SP6902
Internal Standard/PEM	SP6907,10ul/1000ul 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	BN038211.D	26 Nov 2025 19:55		RC/JU	Ok
2	SSTDICC0.1	SSTDICC0.1	BN038212.D	26 Nov 2025 20:35		RC/JU	Ok,M
3	SSTDICC0.2	SSTDICC0.2	BN038213.D	26 Nov 2025 21:12		RC/JU	Ok
4	SSTDICCC0.4	SSTDICCC0.4	BN038214.D	26 Nov 2025 21:48	Compound #20 kept on QR.	RC/JU	Ok
5	SSTDICC0.8	SSTDICC0.8	BN038215.D	26 Nov 2025 22:25		RC/JU	Ok
6	SSTDICC1.6	SSTDICC1.6	BN038216.D	26 Nov 2025 23:01		RC/JU	Ok
7	SSTDICC3.2	SSTDICC3.2	BN038217.D	26 Nov 2025 23:37		RC/JU	Ok
8	SSTDICC5.0	SSTDICC5.0	BN038218.D	27 Nov 2025 00:13	Compound #14,24 removed from 5.0 level	RC/JU	Ok
9	SSTDICV0.4	ICVBN112725	BN038219.D	27 Nov 2025 00:49	ICV failed for compound #05,20,24	RC/JU	Ok
10	PB170483BL	PB170483BL	BN038220.D	27 Nov 2025 02:01		RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QC Batch ID # BN120625

Review By	Jagrut	Review On	12/8/2025 3:30:30 PM
Supervise By	mohammad	Supervise On	12/9/2025 12:44:58 AM
SubDirectory	BN120625	HP Acquire Method	BNA_N, 8270_HP Processing Method BN112725

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6897,SP6898,SP6900,SP6901,SP6902,SP6903,SP6904
CCC	SP6902
Internal Standard/PEM	SP6907,10ul/1000ul 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	BN038286.D	05 Dec 2025 22:23		RC/JU	Ok
2	SSTDCCC0.4	SSTDCCC0.4	BN038287.D	05 Dec 2025 23:42		RC/JU	Ok
3	PB170838BL	PB170838BL	BN038288.D	06 Dec 2025 00:19		RC/JU	Ok
4	PB170838BS	PB170838BS	BN038289.D	06 Dec 2025 00:55		RC/JU	Ok,M
5	PB170838BSD	PB170838BSD	BN038290.D	06 Dec 2025 01:32		RC/JU	Ok,M
6	Q3756-01	OW-04B-26.5-120225	BN038291.D	06 Dec 2025 02:08		RC/JU	Ok
7	Q3756-03	BR-01-190-120225	BN038292.D	06 Dec 2025 02:45	Need 2X Dilution	RC/JU	Dilution
8	Q3756-05	MW-04-12-120225	BN038293.D	06 Dec 2025 03:21		RC/JU	Ok
9	Q3756-07	MW-13B-47.5-120225	BN038294.D	06 Dec 2025 03:58		RC/JU	Ok,M
10	Q3756-09	EB01-120225	BN038295.D	06 Dec 2025 04:35		RC/JU	Ok
11	Q3757-01	MW-14A-17.5-120325	BN038296.D	06 Dec 2025 05:11		RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QC Batch ID # BN121025

Review By	rahul	Review On	12/11/2025 4:30:54 PM
Supervise By	mohammad	Supervise On	12/13/2025 12:56:07 AM
SubDirectory	BN121025	HP Acquire Method	BNA_N, 8270_HP Processing Method BN121025

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6947,SP6946,SP6945,SP6944,SP6943,SP6942,SP6940
CCC	SP6945
Internal Standard/PEM	SP6907,10ul/1000ul sample
ICV/I.BLK	SP6949
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BN038297.D	10 Dec 2025 09:12		RC/JU	Ok
2	SSTDICC0.1	SSTDICC0.1	BN038298.D	10 Dec 2025 09:52		RC/JU	Ok
3	SSTDICC0.2	SSTDICC0.2	BN038299.D	10 Dec 2025 10:28		RC/JU	Ok
4	SSTDICCC0.4	SSTDICCC0.4	BN038300.D	10 Dec 2025 11:05		RC/JU	Ok
5	SSTDICC0.8	SSTDICC0.8	BN038301.D	10 Dec 2025 11:41		RC/JU	Ok
6	SSTDICC1.6	SSTDICC1.6	BN038302.D	10 Dec 2025 12:17		RC/JU	Ok
7	SSTDICC3.2	SSTDICC3.2	BN038303.D	10 Dec 2025 12:53		RC/JU	Ok
8	SSTDICC5.0	SSTDICC5.0	BN038304.D	10 Dec 2025 13:30	Comp# 20 (4,6-Dinitro-2-methylphenol) removed from 5.0 ng level	RC/JU	Ok
9	SSTDICV0.4	ICVBN121025	BN038305.D	10 Dec 2025 14:06		RC/JU	Ok
10	PB170590BL	PB170590BL	BN038306.D	10 Dec 2025 14:42		RC/JU	Ok
11	Q3483-11	HW1025-PT-BNA-SOIL	BN038307.D	10 Dec 2025 15:18	Need 100X Dilution	RC/JU	Dilution
12	Q3483-11DL	HW1025-PT-BNA-SOIL	BN038308.D	10 Dec 2025 15:54		RC/JU	Ok,M
13	SSTDCCC0.4	SSTDCCC0.4EC	BN038309.D	10 Dec 2025 17:15		RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QC Batch ID # BN121125

Review By	rahul	Review On	12/11/2025 4:31:02 PM
Supervise By	Jagrut	Supervise On	12/12/2025 2:27:51 PM
SubDirectory	BN121125	HP Acquire Method	BNA_N, 8270_HP Processing Method BN121025

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6947,SP6946,SP6945,SP6944,SP6943,SP6942,SP6940
CCC	SP6945
Internal Standard/PEM	SP6907,10ul/1000ul sample
ICV/I.BLK	SP6949
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BN038310.D	11 Dec 2025 10:33		RC/JU	Ok
2	SSTDCCC0.4	SSTDCCC0.4	BN038311.D	11 Dec 2025 11:13		RC/JU	Ok
3	PB170850BL	PB170850BL	BN038312.D	11 Dec 2025 11:49		RC/JU	Ok
4	Q3757-03	BR-03D-490-120325	BN038313.D	11 Dec 2025 12:25	Need 10X Dilution	RC/JU	Dilution
5	Q3757-05	MW-14B-46-120325	BN038314.D	11 Dec 2025 13:01		RC/JU	Ok
6	Q3757-07	RMW-05B-90.5-120325	BN038315.D	11 Dec 2025 13:38		RC/JU	Ok
7	Q3757-09	OW-05B-72-120325	BN038316.D	11 Dec 2025 14:14		RC/JU	Ok
8	Q3757-11	EB01-120325	BN038317.D	11 Dec 2025 14:50		RC/JU	Ok
9	Q3787-07	OWBR-02-170-120425	BN038318.D	11 Dec 2025 15:27		RC/JU	Ok
10	Q3787-09	OWBR-02-170-120425	BN038319.D	11 Dec 2025 16:03		RC/JU	Ok
11	Q3787-11	OW-03B-51.5-120425	BN038320.D	11 Dec 2025 16:39		RC/JU	Ok
12	Q3787-13	OW-03B-51.5-120425	BN038321.D	11 Dec 2025 17:15		RC/JU	Ok
13	Q3787-15	OW-08B-72.5-120425	BN038322.D	11 Dec 2025 17:52		RC/JU	Ok
14	Q3787-17	OW-08B-72.5-120425	BN038323.D	11 Dec 2025 18:28		RC/JU	Ok
15	Q3787-19	OW-02B-21.2-120425	BN038324.D	11 Dec 2025 19:04		RC/JU	Ok
16	Q3788-07	OW-01B-66.5-120525	BN038325.D	11 Dec 2025 19:40		RC/JU	Ok
17	Q3788-11	MW-16B-87.5-120525	BN038326.D	11 Dec 2025 20:16		RC/JU	Ok
18	PB170850BS	PB170850BS	BN038327.D	11 Dec 2025 20:52		RC/JU	Ok,M

Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QC Batch ID # BN121125

Review By	rahul	Review On	12/11/2025 4:31:02 PM
Supervise By	Jagrut	Supervise On	12/12/2025 2:27:51 PM
SubDirectory	BN121125	HP Acquire Method	BNA_N, 8270_HP Processing Method BN121025
STD. NAME	STD REF.#		
Tune/Reschk	SP6875		
Initial Calibration Stds	SP6947,SP6946,SP6945,SP6944,SP6943,SP6942,SP6940		
CCC	SP6945		
Internal Standard/PEM	SP6907,10ul/1000ul sample		
ICV/I.BLK	SP6949		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	SSTDCCC0.4	SSTDCCC0.4EC	BN038328.D	11 Dec 2025 21:28		RC/JU	Ok
20	DFTPP	DFTPP	BN038329.D	11 Dec 2025 23:20		RC/JU	Ok
21	SSTDCCC0.4	SSTDCCC0.4	BN038330.D	11 Dec 2025 23:59		RC/JU	Ok
22	PB170850BL	PB170850BL	BN038331.D	12 Dec 2025 00:36	Analyzed for contamination check	RC/JU	Not Ok
23	Q3756-03DL	BR-01-190-120225DL	BN038332.D	12 Dec 2025 01:13		RC/JU	Ok
24	Q3757-03DL	BR-03D-490-120325DL	BN038333.D	12 Dec 2025 01:49		RC/JU	Ok
25	Q3788-01	OWBR-05-135-120525	BN038334.D	12 Dec 2025 02:25	Need 10X	RC/JU	Dilution
26	Q3788-02MS	OWBR-05-135-120525	BN038335.D	12 Dec 2025 03:01		RC/JU	Ok,M
27	Q3788-03MSD	OWBR-05-135-120525	BN038336.D	12 Dec 2025 03:37		RC/JU	Ok,M
28	Q3787-01	MW-15B-42.5-120425	BN038337.D	12 Dec 2025 04:13		RC/JU	Ok
29	Q3787-02MS	MW-15B-42.5-120425M	BN038338.D	12 Dec 2025 04:49		RC/JU	Ok,M
30	Q3787-03MSD	MW-15B-42.5-120425M	BN038339.D	12 Dec 2025 05:25		RC/JU	Ok,M
31	Q3788-09	TA-BR-05-465-120525	BN038340.D	12 Dec 2025 06:02		RC/JU	Ok
32	SSTDCCC0.4	SSTDCCC0.4EC	BN038341.D	12 Dec 2025 06:38		RC/JU	Ok

M : Manual Integration

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

Clean Up SOP #: N/A **Extraction Start Date :** 12/05/2025

Matrix : Water **Extraction Start Time :** 08:45

Weigh By: N/A **Extraction By:** RS **Extraction End Date :** 12/05/2025

Balance check: N/A **Filter By:** RS **Extraction End Time :** 13:45

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

pH Strip Lot#: E3953 **Hood ID:** 4,5,6,7 **Supervisor By :** RUPESH

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

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	0.4 PPM	SP6938
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	E3986
Baked Na2SO4	N/A	EP2663
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-1,2 **Envap ID:** NEVAP-02

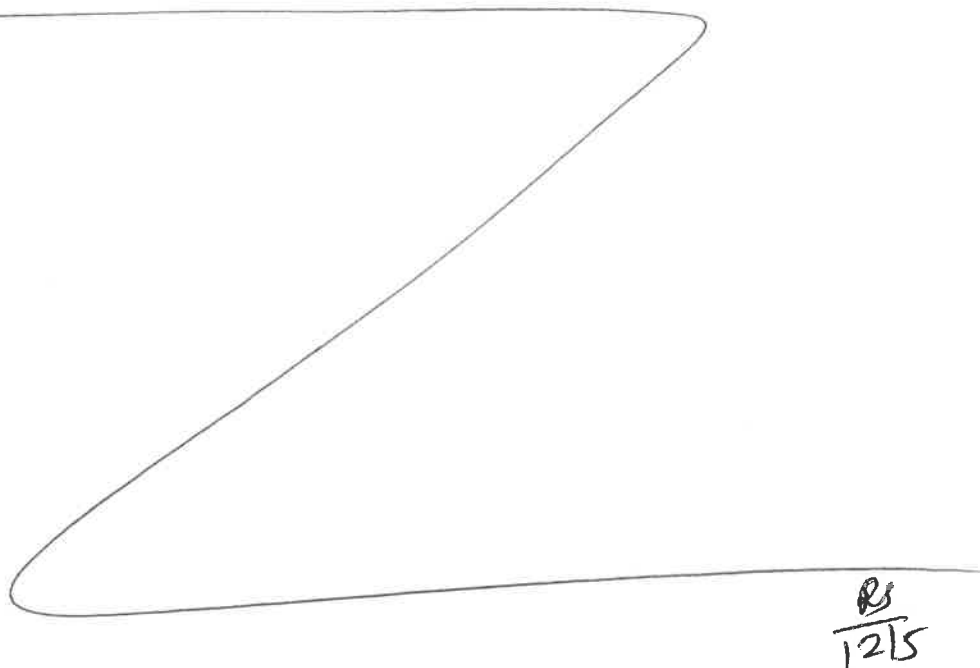
KD Bath Temperature: 60 °C **Envap Temperature:** 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
12/5/25	RS (Ext-Lab)	J4/SVOC
13:50	Preparation Group	Analysis Group

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

Concentration Date: 12/05/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170838BL	SBLK838	SVOC-SIMGrou p1	1000	6	RUPESEH	ritesh	1			SEP-1
PB170838BS	SLCS838	SVOC-SIMGrou p1	1000	6	RUPESEH	ritesh	1			2
PB170838BS D	SLCSD838	SVOC-SIMGrou p1	1000	6	RUPESEH	ritesh	1			3
Q3756-01	OW-04B-26.5-120225	SVOC-SIMGrou p1	960	6	RUPESEH	ritesh	1	E		4
Q3756-03	BR-01-190-120225	SVOC-SIMGrou p1	970	6	RUPESEH	ritesh	1	E		5
Q3756-05	MW-04-12-120225	SVOC-SIMGrou p1	900	6	RUPESEH	ritesh	1	E		6
Q3756-07	MW-13B-47.5-120225	SVOC-SIMGrou p1	1000	6	RUPESEH	ritesh	1	E		7
Q3756-09	EB01-120225	SVOC-SIMGrou p1	950	6	RUPESEH	ritesh	1	E		8
Q3757-01	MW-14A-17.5-120325	SVOC-SIMGrou p1	890	6	RUPESEH	ritesh	1	E		9
Q3757-03	BR-03D-490-120325	SVOC-SIMGrou p1	910	6	RUPESEH	ritesh	1	E		10
Q3757-05	MW-14B-46-120325	SVOC-SIMGrou p1	920	6	RUPESEH	ritesh	1	E		11
Q3757-07	RMW-05B-90.5-120325	SVOC-SIMGrou p1	970	6	RUPESEH	ritesh	1	E		12
Q3757-09	OW-05B-72-120325	SVOC-SIMGrou p1	950	6	RUPESEH	ritesh	1	E		13
Q3757-11	EB01-120325	SVOC-SIMGrou p1	870	6	RUPESEH	ritesh	1	E		14



8580E1
5-8

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3756 WorkList ID : 193498 Department : Extraction Date : 12-05-2025 08:40:23

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3756-01	OW-04B-26.5-120225	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	A11	12/02/2025	8270-Modified
Q3756-03	BR-01-190-120225	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	A11	12/02/2025	8270-Modified
Q3756-05	MW-04-12-120225	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	A11	12/02/2025	8270-Modified
Q3756-07	MW-13B-47.5-120225	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	A11	12/02/2025	8270-Modified
Q3756-09	EB01-120225	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	A11	12/02/2025	8270-Modified
Q3757-01	MW-14A-17.5-120325	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	A11	12/03/2025	8270-Modified
Q3757-03	BR-03D-490-120325	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	A11	12/03/2025	8270-Modified
Q3757-05	MW-14B-46-120325	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	A11	12/03/2025	8270-Modified
Q3757-07	RMW-05B-90.5-120325	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	A11	12/03/2025	8270-Modified
Q3757-09	OW-05B-72-120325	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	A11	12/03/2025	8270-Modified
Q3757-11	EB01-120325	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	A11	12/03/2025	8270-Modified

Date/Time 12/5/25 8:40
Raw Sample Received by: RS(Ext 66b)
Raw Sample Relinquished by: [Signature]

Date/Time 12/5/25 9:20
Raw Sample Received by: [Signature]
Raw Sample Relinquished by: RS(Ext 66b)

LAB CHRONICLE

OrderID:	Q3757	OrderDate:	12/3/2025 9:25:00 AM
Client:	JACOBS Engineering Group, Inc.	Project:	Former Schlumberger STC PTC Site D3868221
Contact:	John Ynfante	Location:	--Select--,A11,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3757-01	MW-14A-17.5-120325	Water	SVOC-SIMGroup1	8270-Modified	12/03/25	12/05/25	12/06/25	12/03/25
Q3757-03	BR-03D-490-120325	Water	SVOC-SIMGroup1	8270-Modified	12/03/25	12/05/25	12/11/25	12/03/25
Q3757-03DL	BR-03D-490-120325D L	Water	SVOC-SIMGroup1	8270-Modified	12/03/25	12/05/25	12/12/25	12/03/25
Q3757-05	MW-14B-46-120325	Water	SVOC-SIMGroup1	8270-Modified	12/03/25	12/05/25	12/11/25	12/03/25
Q3757-07	RMW-05B-90.5-12032 5	Water	SVOC-SIMGroup1	8270-Modified	12/03/25	12/05/25	12/11/25	12/03/25
Q3757-09	OW-05B-72-120325	Water	SVOC-SIMGroup1	8270-Modified	12/03/25	12/05/25	12/11/25	12/03/25
Q3757-11	EB01-120325	Water	SVOC-SIMGroup1	8270-Modified	12/03/25	12/05/25	12/11/25	12/03/25