



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

SDG No.: Q3756

Client: JACOBS Engineering Group, Inc.

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
Client ID : BR-01-190-120225							
Q3756-03	BR-01-190-120225	WATER	1,4-Dioxane	6.100	E 0.07	0.21	ug/L
			Total Svoc :		6.10		
			Total Concentration:		6.10		
Client ID : BR-01-190-120225DL							
Q3756-03DL	BR-01-190-120225DL	WATER	1,4-Dioxane	5.400	D 0.14	0.41	ug/L
			Total Svoc :		5.40		
			Total Concentration:		5.40		



SAMPLE DATA

Report of Analysis

Client: JACOBS Engineering Group, Inc.	Date Collected: 12/02/25	
Project: Former Schlumberger STC PTC Site D3868221	Date Received: 12/02/25	
Client Sample ID: OW-04B-26.5-120225	SDG No.: Q3756	
Lab Sample ID: Q3756-01	Matrix: Water	
Analytical Method: SW8270ESIM Level: LOW	% Solid: 0	
Sample Wt/Vol: 960 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	0.21	ug/L	12/06/25 02:08	PB170838
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.27			30 (47) - 150 (106)	67%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.40			30 (54) - 150 (157)	99%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.30			30 (56) - 130 (116)	76%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.35			30 (50) - 130 (126)	87%	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	6480							
1146-65-2	Naphthalene-d8	18600							
15067-26-2	Acenaphthene-d10	9160							
1517-22-2	Phenanthrene-d10	13300							
1719-03-5	Chrysene-d12	9130							
1520-96-3	Perylene-d12	9060							

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: JACOBS Engineering Group, Inc.	Date Collected: 12/02/25	
Project: Former Schlumberger STC PTC Site D3868221	Date Received: 12/02/25	
Client Sample ID: BR-01-190-120225	SDG No.: Q3756	
Lab Sample ID: Q3756-03	Matrix: Water	
Analytical Method: SW8270ESIM Level: LOW	% Solid: 0	
Sample Wt/Vol: 970 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	6.10	E	1	0.070	0.21	ug/L	12/06/25 02:45	PB170838
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.28			30 (47) - 150 (106)	71%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.43			30 (54) - 150 (157)	106%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.33			30 (56) - 130 (116)	81%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.34			30 (50) - 130 (126)	86%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.42			30 (54) - 130 (175)	104%	SPK: 0.4		
INTERNAL STANDARDS		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	6610							
1146-65-2	Naphthalene-d8	18500							
15067-26-2	Acenaphthene-d10	9410							
1517-22-2	Phenanthrene-d10	15200							
1719-03-5	Chrysene-d12	11300							
1520-96-3	Perylene-d12	11500							

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Report of Analysis

Client: JACOBS Engineering Group, Inc.	Date Collected: 12/02/25	
Project: Former Schlumberger STC PTC Site D3868221	Date Received: 12/02/25	
Client Sample ID: BR-01-190-120225DL	SDG No.: Q3756	
Lab Sample ID: Q3756-03DL	Matrix: Water	
Analytical Method: SW8270ESIM Level: LOW	% Solid: 0	
Sample Wt/Vol: 970 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	5.40	D	2	0.14	0.41	ug/L	12/12/25 01:13	PB170838
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.26			30 (47) - 150 (106)	66%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.36			30 (54) - 150 (157)	89%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.30			30 (56) - 130 (116)	76%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.30			30 (50) - 130 (126)	74%	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	5760							
1146-65-2	Naphthalene-d8	15500							
15067-26-2	Acenaphthene-d10	8100							
1517-22-2	Phenanthrene-d10	15200							
1719-03-5	Chrysene-d12	11100							
1520-96-3	Perylene-d12	11000							

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Report of Analysis

Client: JACOBS Engineering Group, Inc.	Date Collected: 12/02/25	
Project: Former Schlumberger STC PTC Site D3868221	Date Received: 12/02/25	
Client Sample ID: MW-04-12-120225	SDG No.: Q3756	
Lab Sample ID: Q3756-05	Matrix: Water	
Analytical Method: SW8270ESIM Level: LOW	% Solid: 0	
Sample Wt/Vol: 900 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 03:21	PB170838
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.29			30 (47) - 150 (106)	74%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.37			30 (54) - 150 (157)	94%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.31			30 (56) - 130 (116)	77%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.34			30 (50) - 130 (126)	84%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.52			30 (54) - 130 (175)	129%	SPK: 0.4		
INTERNAL STANDARDS		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	6900							
1146-65-2	Naphthalene-d8	20800							
15067-26-2	Acenaphthene-d10	11100							
1517-22-2	Phenanthrene-d10	16500							
1719-03-5	Chrysene-d12	9940							
1520-96-3	Perylene-d12	9900							

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Report of Analysis

Client: JACOBS Engineering Group, Inc.	Date Collected: 12/02/25	
Project: Former Schlumberger STC PTC Site D3868221	Date Received: 12/02/25	
Client Sample ID: MW-13B-47.5-120225	SDG No.: Q3756	
Lab Sample ID: Q3756-07	Matrix: Water	
Analytical Method: SW8270ESIM Level: LOW	% Solid: 0	
Sample Wt/Vol: 1000 mL Final Vol: 1000 uL	Test: SVOC-SIMGroup1	
Prep Method : 3510C Prep Date: 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 03:58	PB170838
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.29			30 (47) - 150 (106)	74%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.34			30 (54) - 150 (157)	84%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.31			30 (56) - 130 (116)	77%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.33			30 (50) - 130 (126)	82%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.46			30 (54) - 130 (175)	115%	SPK: 0.4		
INTERNAL STANDARDS		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	7020							
1146-65-2	Naphthalene-d8	21500							
15067-26-2	Acenaphthene-d10	11500							
1517-22-2	Phenanthrene-d10	17300							
1719-03-5	Chrysene-d12	10200							
1520-96-3	Perylene-d12	10400							

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Report of Analysis

Client: JACOBS Engineering Group, Inc.	Date Collected: 12/02/25	
Project: Former Schlumberger STC PTC Site D3868221	Date Received: 12/02/25	
Client Sample ID: EB01-120225	SDG No.: Q3756	
Lab Sample ID: Q3756-09	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	0.070	U	1	0.070	0.21	ug/L	12/06/25 04:35	PB170838
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.29			30 (47) - 150 (106)	73%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.36			30 (54) - 150 (157)	90%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.33			30 (56) - 130 (116)	81%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.32			30 (50) - 130 (126)	81%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.45			30 (54) - 130 (175)	113%	SPK: 0.4		
INTERNAL STANDARDS		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	6960							
1146-65-2	Naphthalene-d8	20000							
15067-26-2	Acenaphthene-d10	11000							
1517-22-2	Phenanthrene-d10	16200							
1719-03-5	Chrysene-d12	10600							
1520-96-3	Perylene-d12	11200							

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QC SUMMARY

Surrogate Summary

SW-846

SDG No.: Q3756

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)
Q3756-01	OW-04B-26.5-120225	2-Methylnaphthalene-d10	0.4	0.27	67		30 (47)	150 (106)
		Fluoranthene-d10	0.4	0.40	99		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.30	76		30 (56)	130 (116)
		2-Fluorobiphenyl	0.4	0.35	87		30 (50)	130 (126)
		Terphenyl-d14	0.4	0.44	109		30 (54)	130 (175)
Q3756-03	BR-01-190-120225	2-Methylnaphthalene-d10	0.4	0.28	71		30 (47)	150 (106)
		Fluoranthene-d10	0.4	0.43	106		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.33	81		30 (56)	130 (116)
		2-Fluorobiphenyl	0.4	0.34	86		30 (50)	130 (126)
		Terphenyl-d14	0.4	0.42	104		30 (54)	130 (175)
Q3756-03DL	BR-01-190-120225DL	2-Methylnaphthalene-d10	0.4	0.26	66		30 (47)	150 (106)
		Fluoranthene-d10	0.4	0.36	89		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.30	76		30 (56)	130 (116)
		2-Fluorobiphenyl	0.4	0.30	74		30 (50)	130 (126)
		Terphenyl-d14	0.4	0.44	109		30 (54)	130 (175)
Q3756-05	MW-04-12-120225	2-Methylnaphthalene-d10	0.4	0.29	74		30 (47)	150 (106)
		Fluoranthene-d10	0.4	0.37	94		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.31	77		30 (56)	130 (116)
		2-Fluorobiphenyl	0.4	0.34	84		30 (50)	130 (126)
		Terphenyl-d14	0.4	0.52	129		30 (54)	130 (175)
Q3756-07	MW-13B-47.5-120225	2-Methylnaphthalene-d10	0.4	0.29	74		30 (47)	150 (106)
		Fluoranthene-d10	0.4	0.34	84		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.31	77		30 (56)	130 (116)
		2-Fluorobiphenyl	0.4	0.33	82		30 (50)	130 (126)
		Terphenyl-d14	0.4	0.46	115		30 (54)	130 (175)
Q3756-09	EB01-120225	2-Methylnaphthalene-d10	0.4	0.29	73		30 (47)	150 (106)
		Fluoranthene-d10	0.4	0.36	90		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.33	81		30 (56)	130 (116)
		2-Fluorobiphenyl	0.4	0.32	81		30 (50)	130 (126)
		Terphenyl-d14	0.4	0.45	113		30 (54)	130 (175)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3756

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.: Q3756

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.: Q3756

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
OW-04B-26.5-120225	Q3756-01	BN038291.D	12/06/2025
BR-01-190-120225	Q3756-03	BN038292.D	12/06/2025
MW-04-12-120225	Q3756-05	BN038293.D	12/06/2025
MW-13B-47.5-120225	Q3756-07	BN038294.D	12/06/2025
EB01-120225	Q3756-09	BN038295.D	12/06/2025

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.: Q3756
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.: Q3756
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
OW-04B-26.5-120225	Q3756-01	BN038291.D	12/06/2025	02:08
BR-01-190-120225	Q3756-03	BN038292.D	12/06/2025	02:45
MW-04-12-120225	Q3756-05	BN038293.D	12/06/2025	03:21
MW-13B-47.5-120225	Q3756-07	BN038294.D	12/06/2025	03:58
EB01-120225	Q3756-09	BN038295.D	12/06/2025	04:35

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.: Q3756
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: BN038329.D
Instrument ID: BNA_N

Contract: JAC005
SDG NO.: Q3756
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-01-190-120225DL	Q3756-03DL	BN038332.D	12/12/2025	01:13

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3756

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 OW-04B-26.5-120225	6484	7.76	18611	10.56	9161	14.42
05 BR-01-190-120225	6614	7.76	18511	10.56	9412	14.42
06 MW-04-12-120225	6896	7.76	20829	10.56	11092	14.42
07 MW-13B-47.5-120225	7020	7.76	21534	10.56	11522	14.42
08 EB01-120225	6963	7.76	20031	10.56	11010	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.: Q3756

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 OW-04B-26.5-120225	13341	17.17	9131	21.37	9062	23.67
05 BR-01-190-120225	15199	17.17	11302	21.37	11529	23.67
06 MW-04-12-120225	16516	17.17	9936	21.37	9902	23.67
07 MW-13B-47.5-120225	17319	17.17	10242	21.37	10445	23.67
08 EB01-120225	16237	17.17	10562	21.37	11226	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.: Q3756

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-01-190-120225DL	5762	7.72	15461	10.53	8101	14.39

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.: Q3756

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-01-190-120225DL	15232	17.15	11067	21.34	11044	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

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.:	Q3756
Lab Sample ID: PB170838BL	Matrix:	Water
Analytical Method: SW8270ESIM Level: LOW	% Solid:	0
Sample Wt/Vol: 1000 mL Final Vol: 1000 uL	Test:	SVOC-SIMGroup1
Prep Method : 3510C Prep Date: 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

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.:	Q3756
Lab Sample ID: PB170838BS	Matrix:	Water
Analytical Method: SW8270ESIM Level: LOW	% Solid:	0
Sample Wt/Vol: 1000 mL Final Vol: 1000 uL	Test:	SVOC-SIMGroup1
Prep Method : 3510C Prep Date: 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

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.:	Q3756
Lab Sample ID: PB170838BSD	Matrix:	Water
Analytical Method: SW8270ESIM Level: LOW	% Solid:	0
Sample Wt/Vol: 1000 mL Final Vol: 1000 uL	Test:	SVOC-SIMGroup1
Prep Method : 3510C Prep Date: 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: Alliance Contract: JAC005
 Lab Code: ACE SDG No.: Q3756
 Instrument ID: BNA_N Calibration Date/Time: 12/05/2025 23:42
 Lab File ID: BN038287.D Init. Calib. Date(s): 11/26/2025 11/27/2025
 EPA Sample No.: SSTDCCC0.4 Init. Calib. Time(s): 20:35 00:13
 GC Column: ZB-GR ID: 0.25 (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.: Q3756
 Instrument ID: BNA_N Calibration Date/Time: 12/11/2025 23:59
 Lab File ID: BN038330.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	0.557		-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 : BN038291.D
 Acq On : 06 Dec 2025 02:08
 Operator : RC/JU
 Sample : Q3756-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 OW-04B-26.5-120225

A
B
C
D
E
F
G
H
I
J
K

Quant Time: Dec 06 03:23:06 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)

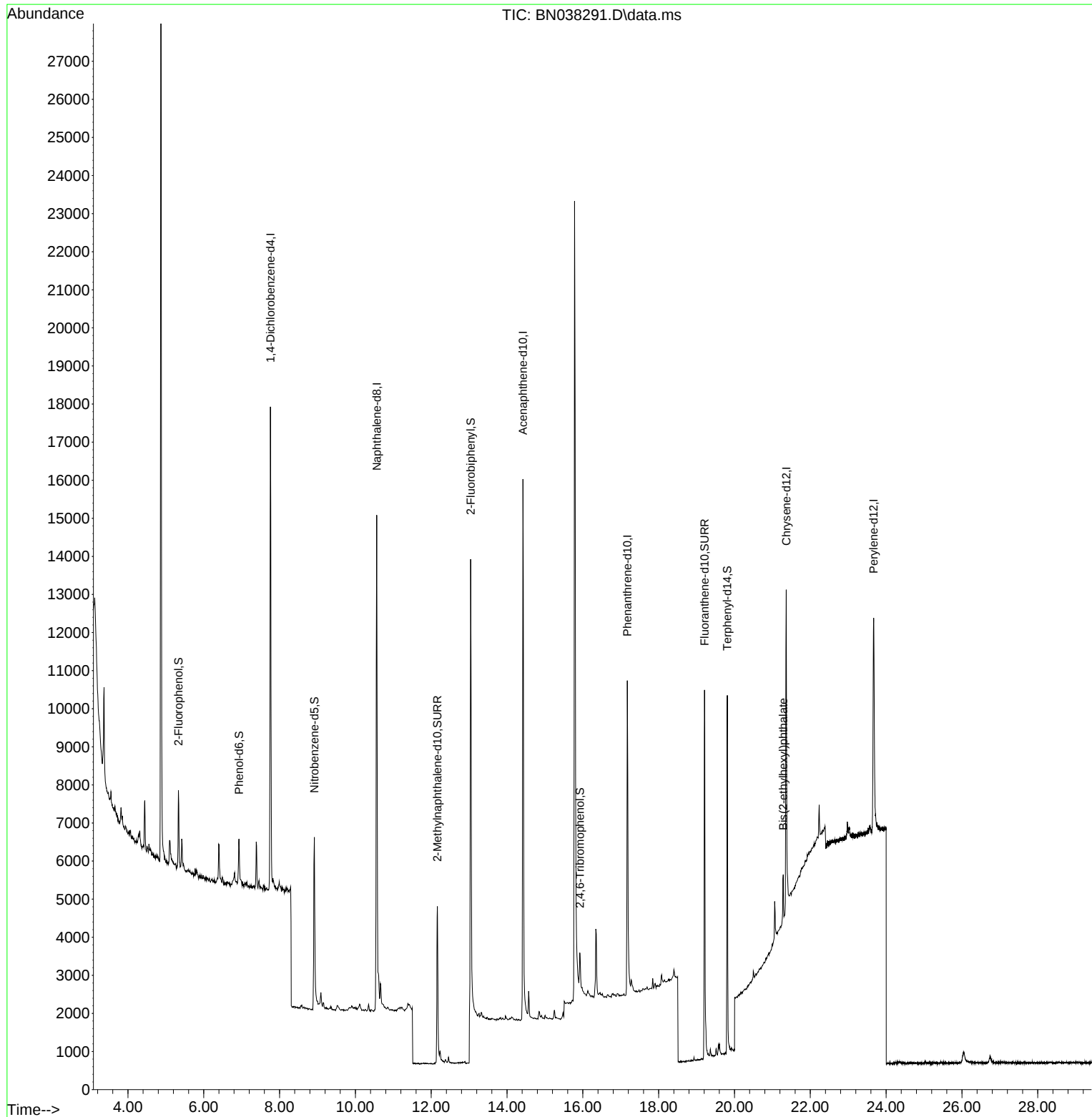
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.760	152	6484	0.400	ng	0.00
7) Naphthalene-d8	10.562	136	18611	0.400	ng	#-0.01
13) Acenaphthene-d10	14.420	164	9161	0.400	ng	-0.01
19) Phenanthrene-d10	17.173	188	13341	0.400	ng	#-0.01
29) Chrysene-d12	21.366	240	9131	0.400	ng	0.00
35) Perylene-d12	23.671	264	9062	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.334	112	1740	0.115	ng	0.00
5) Phenol-d6	6.930	99	1342	0.071	ng	0.00
8) Nitrobenzene-d5	8.918	82	4530	0.304	ng	0.00
11) 2-Methylnaphthalene-d10	12.161	152	7106	0.269	ng	0.00
14) 2,4,6-Tribromophenol	15.920	330	693	0.240	ng	-0.01
15) 2-Fluorobiphenyl	13.040	172	12317	0.348	ng	-0.01
27) Fluoranthene-d10	19.211	212	11494	0.397	ng	0.00
31) Terphenyl-d14	19.810	244	9222	0.437	ng	0.00
Target Compounds						
34) Bis(2-ethylhexyl)phtha...	21.286	149	1403	0.083	ng	Qvalue # 96

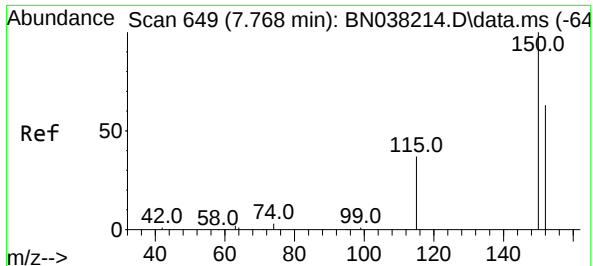
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Data File : BN038291.D
Acq On : 06 Dec 2025 02:08
Operator : RC/JU
Sample : Q3756-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
OW-04B-26.5-120225

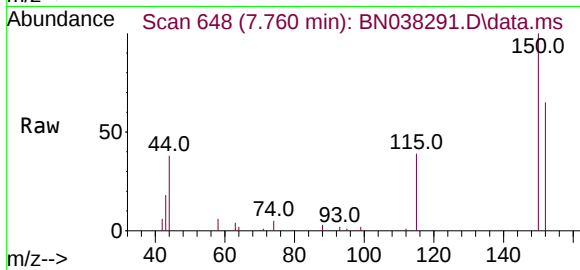
Quant Time: Dec 06 03:23:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 28 21:04:10 2025
Response via : Initial Calibration



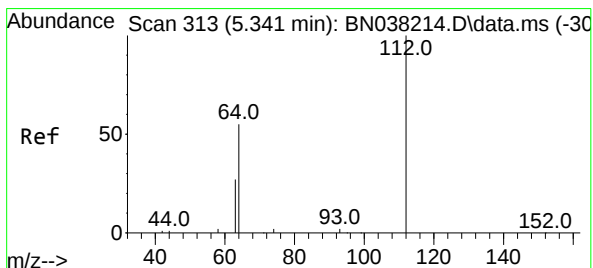
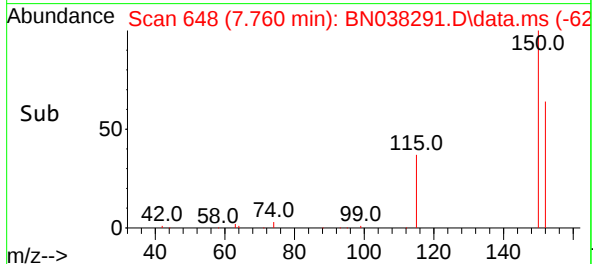
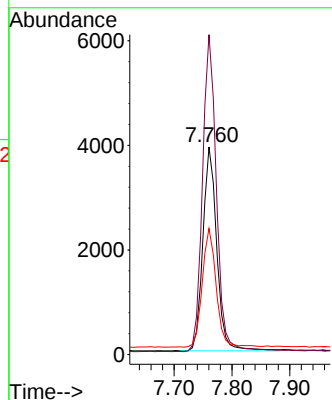


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.760 min Scan# 64
Delta R.T. -0.008 min
Lab File: BN038291.D
Acq: 06 Dec 2025 02:08

Instrument :
BNA_N
ClientSampleId :
OW-04B-26.5-120225

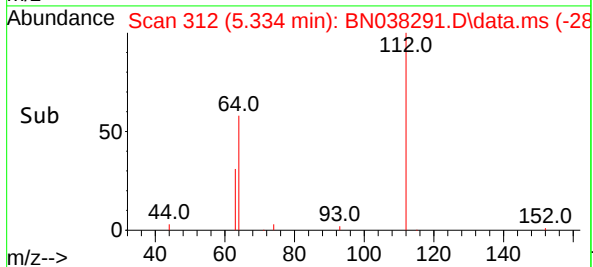
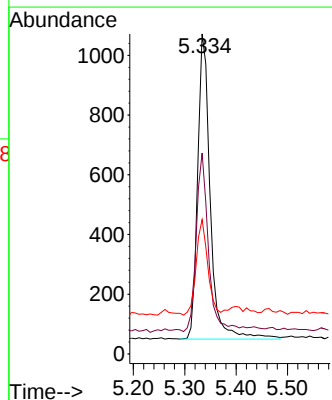
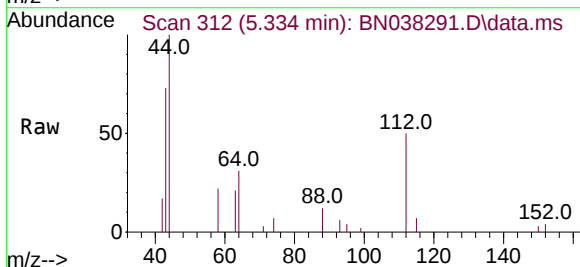


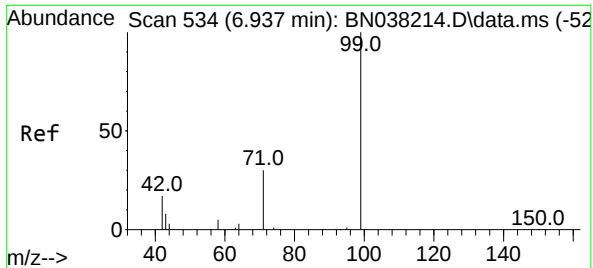
Tgt Ion:152 Resp: 6484
Ion Ratio Lower Upper
152 100
150 154.1 125.3 187.9
115 60.8 49.0 73.4



#4
2-Fluorophenol
Concen: 0.115 ng
RT: 5.334 min Scan# 312
Delta R.T. -0.007 min
Lab File: BN038291.D
Acq: 06 Dec 2025 02:08

Tgt Ion:112 Resp: 1740
Ion Ratio Lower Upper
112 100
64 57.2 45.0 67.4
63 28.8 23.2 34.8

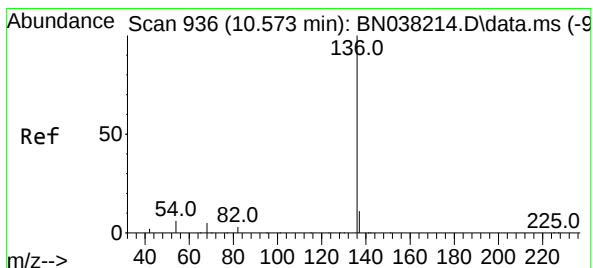
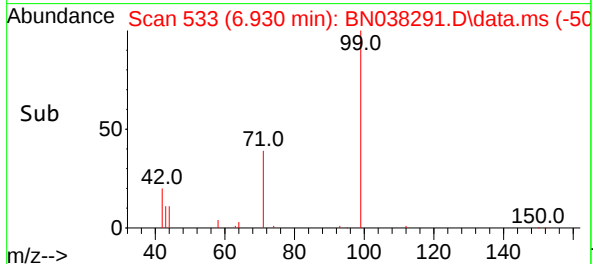
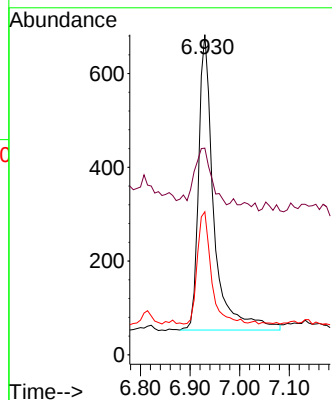
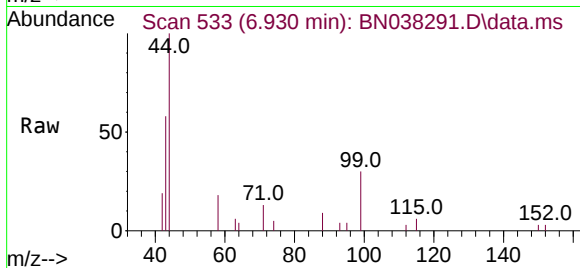




#5
Phenol-d6
Concen: 0.071 ng
RT: 6.930 min Scan# 531
Delta R.T. -0.007 min
Lab File: BN038291.D
Acq: 06 Dec 2025 02:08

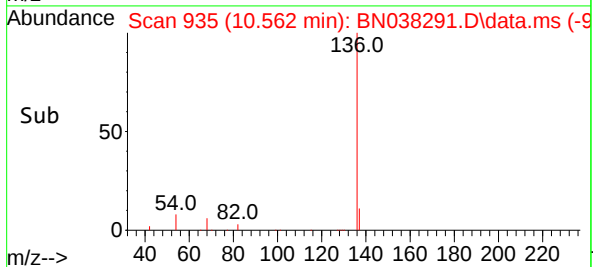
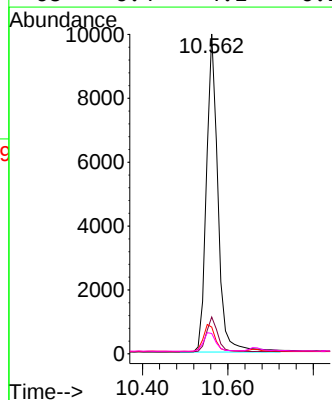
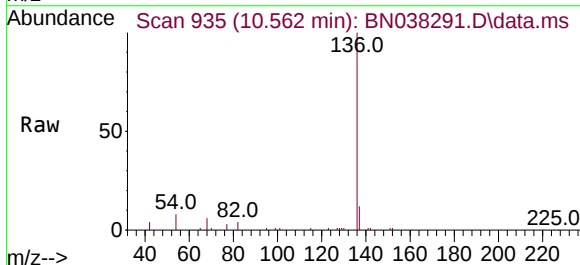
Instrument :
BNA_N
ClientSampleId :
OW-04B-26.5-120225

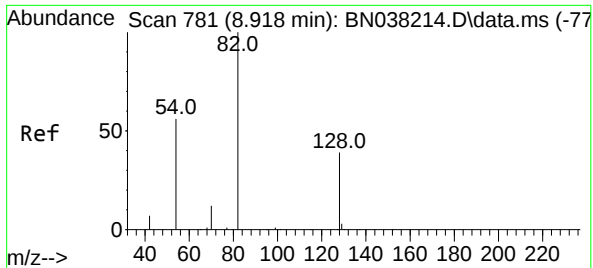
Tgt Ion: 99	Resp: 1342
Ion Ratio	Lower Upper
99	100
42	21.9 17.0 25.6
71	34.9 25.4 38.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.562 min Scan# 935
Delta R.T. -0.011 min
Lab File: BN038291.D
Acq: 06 Dec 2025 02:08

Tgt Ion: 136	Resp: 18611
Ion Ratio	Lower Upper
136	100
137	11.5 8.9 13.3
54	8.4 5.4 8.0#
68	6.4 4.1 6.1#

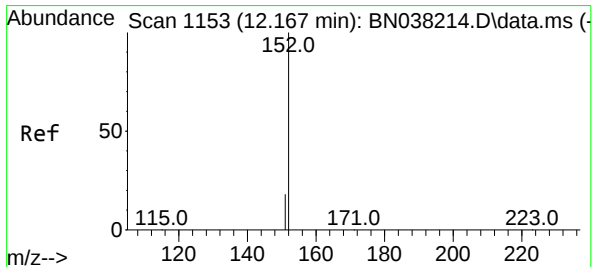
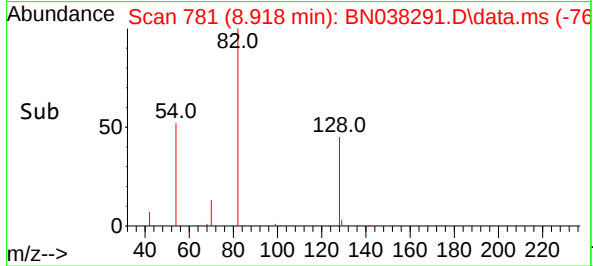
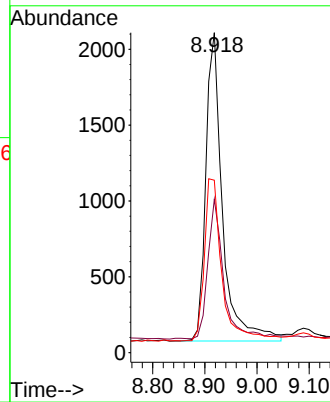
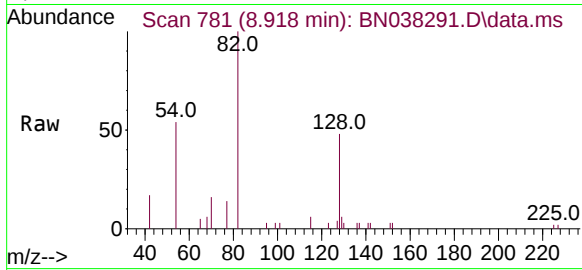




#8
Nitrobenzene-d5
Concen: 0.304 ng
RT: 8.918 min Scan# 781
Delta R.T. 0.000 min
Lab File: BN038291.D
Acq: 06 Dec 2025 02:08

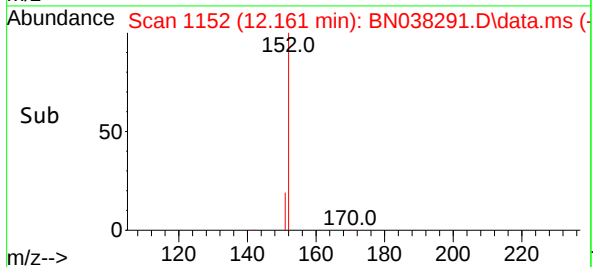
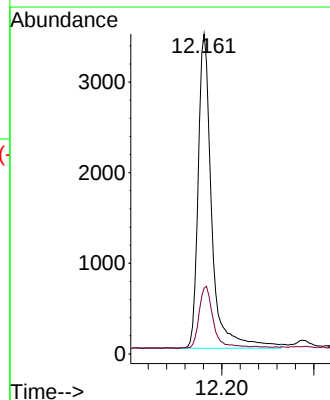
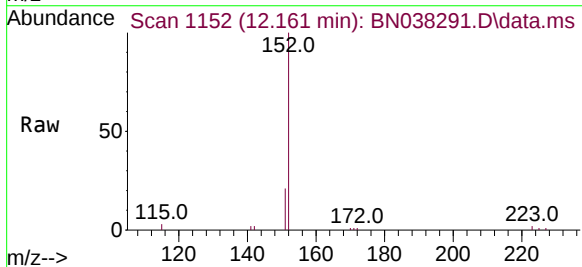
Instrument :
BNA_N
ClientSampleId :
OW-04B-26.5-120225

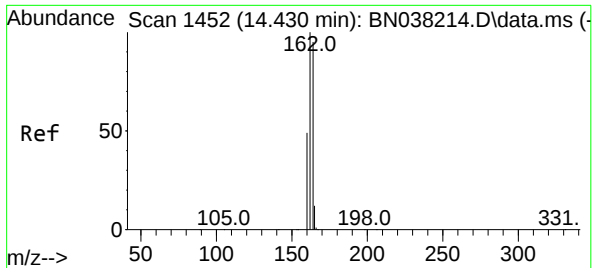
Tgt Ion:	82	Resp:	4530
Ion	Ratio	Lower	Upper
82	100		
128	47.9	32.6	48.8
54	53.9	45.4	68.0



#11
2-Methylnaphthalene-d10
Concen: 0.269 ng
RT: 12.161 min Scan# 1152
Delta R.T. -0.005 min
Lab File: BN038291.D
Acq: 06 Dec 2025 02:08

Tgt Ion:	152	Resp:	7106
Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.7	25.1

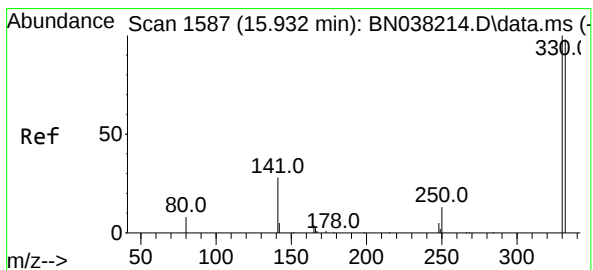
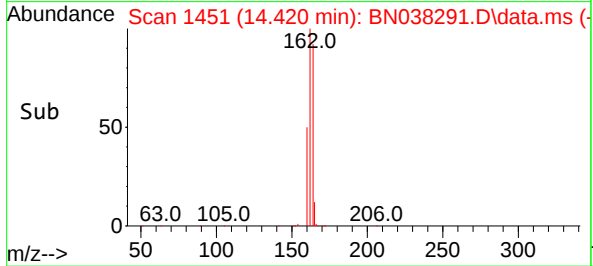
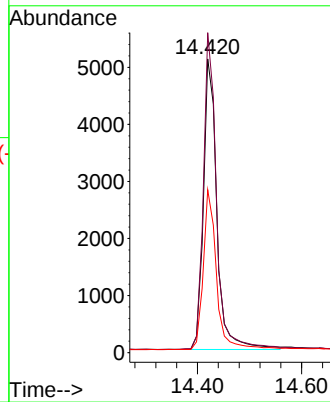
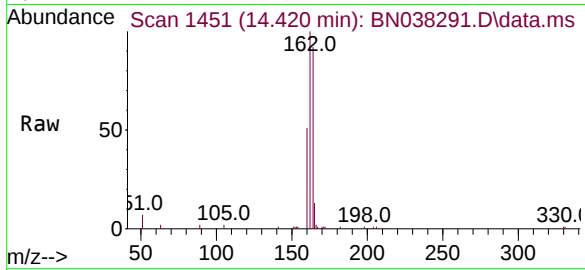




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.420 min Scan# 1452
Delta R.T. -0.011 min
Lab File: BN038291.D
Acq: 06 Dec 2025 02:08

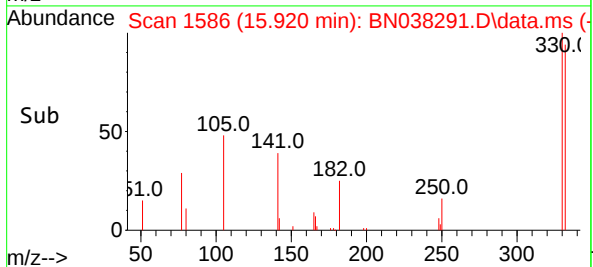
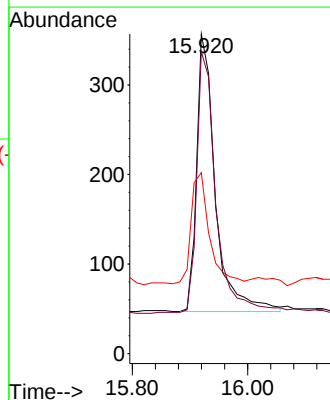
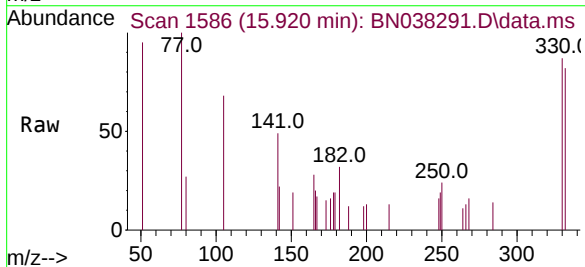
Instrument :
BNA_N
ClientSampleId :
OW-04B-26.5-120225

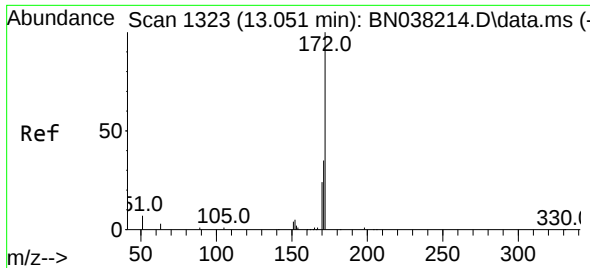
Tgt Ion	Ratio	Lower	Upper
164	100		
162	109.0	83.8	125.8
160	55.5	41.6	62.4



#14
2,4,6-Tribromophenol
Concen: 0.240 ng
RT: 15.920 min Scan# 1586
Delta R.T. -0.012 min
Lab File: BN038291.D
Acq: 06 Dec 2025 02:08

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.8	116.6
141	40.8	33.0	49.4

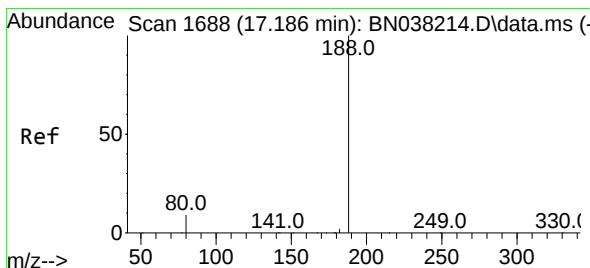
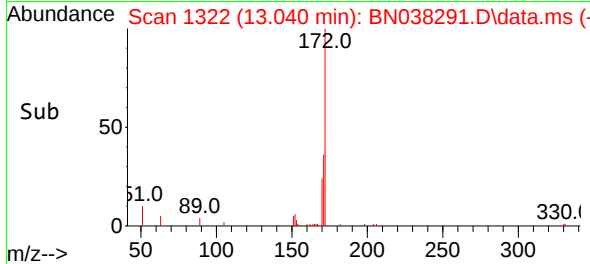
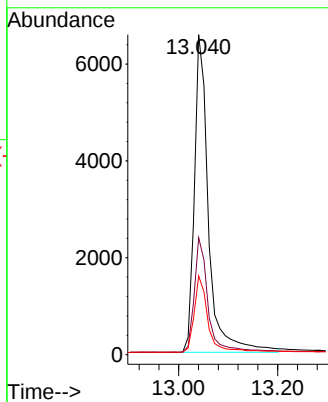
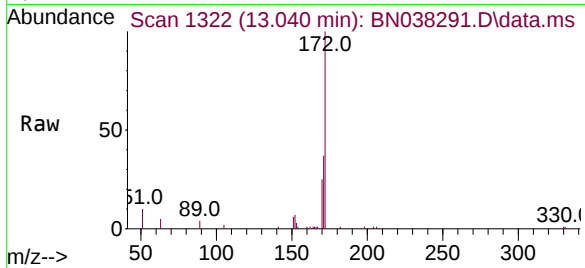




#15
2-Fluorobiphenyl
Concen: 0.348 ng
RT: 13.040 min Scan# 1323
Delta R.T. -0.011 min
Lab File: BN038291.D
Acq: 06 Dec 2025 02:08

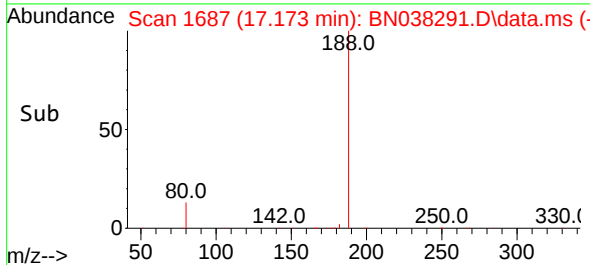
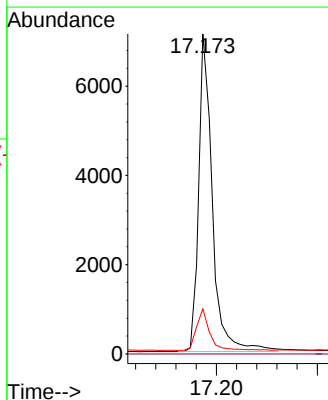
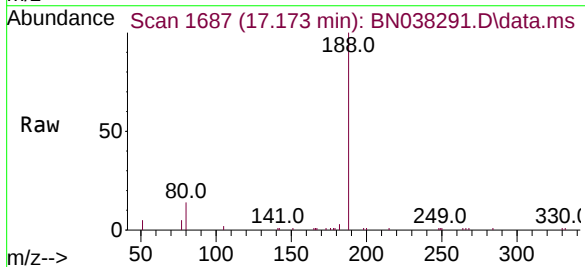
Instrument :
BNA_N
ClientSampleId :
OW-04B-26.5-120225

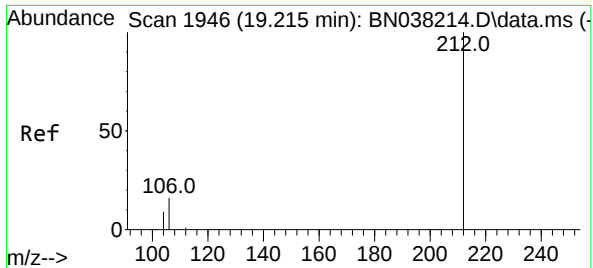
Tgt Ion:	172	Resp:	12317
Ion Ratio	Lower	Upper	
172	100		
171	36.5	28.1	42.1
170	24.6	19.1	28.7



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.173 min Scan# 1687
Delta R.T. -0.012 min
Lab File: BN038291.D
Acq: 06 Dec 2025 02:08

Tgt Ion:	188	Resp:	13341
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	14.1	7.7	11.5

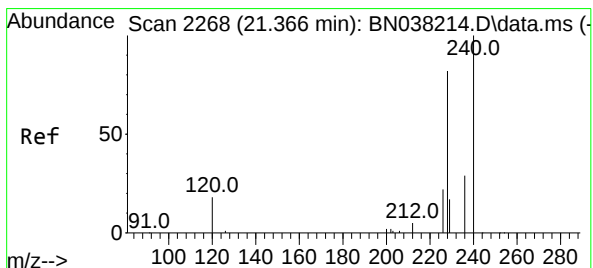
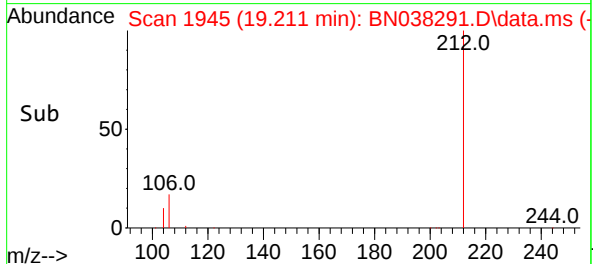
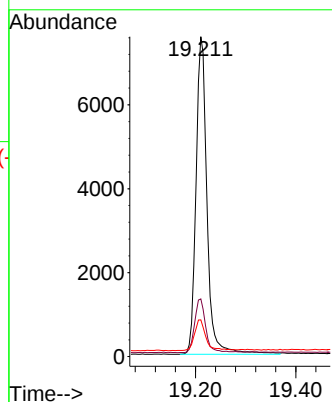
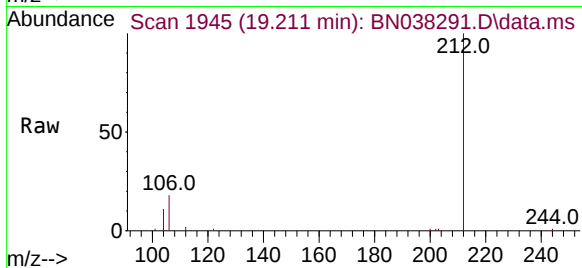




#27
Fluoranthene-d10
Concen: 0.397 ng
RT: 19.211 min Scan# 1945
Delta R.T. -0.005 min
Lab File: BN038291.D
Acq: 06 Dec 2025 02:08

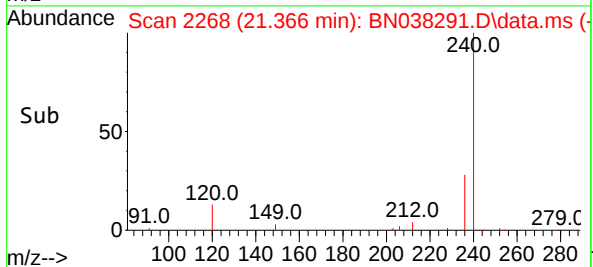
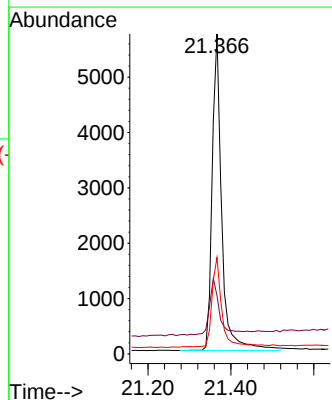
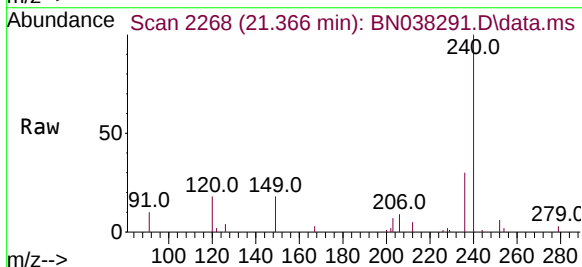
Instrument :
BNA_N
ClientSampleId :
OW-04B-26.5-120225

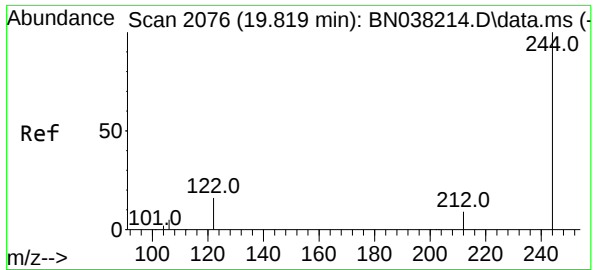
Tgt Ion	Ratio	Lower	Upper
212	100		
106	17.0	12.7	19.1
104	10.1	7.3	10.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.366 min Scan# 2268
Delta R.T. -0.000 min
Lab File: BN038291.D
Acq: 06 Dec 2025 02:08

Tgt Ion	Ratio	Lower	Upper
240	100		
120	18.2	18.1	27.1
236	30.1	24.2	36.4

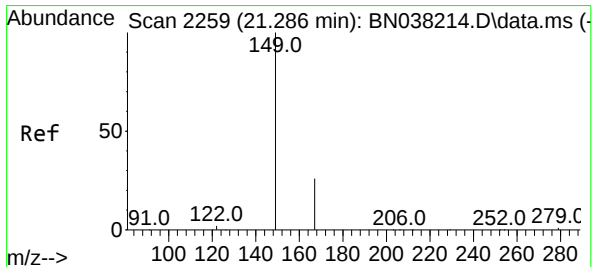
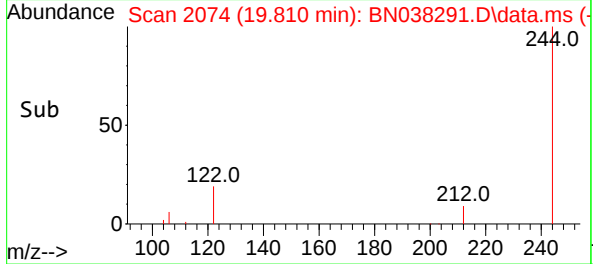
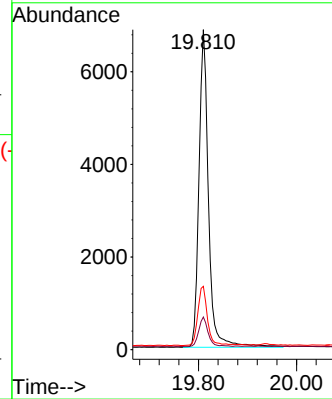
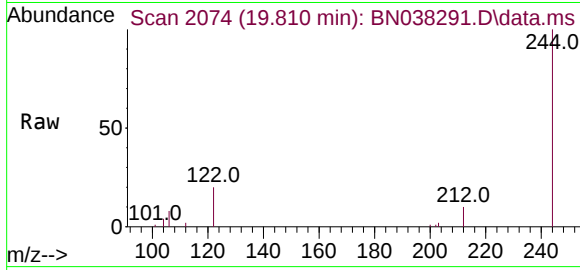




#31
Terphenyl-d14
Concen: 0.437 ng
RT: 19.810 min Scan# 2076
Delta R.T. -0.009 min
Lab File: BN038291.D
Acq: 06 Dec 2025 02:08

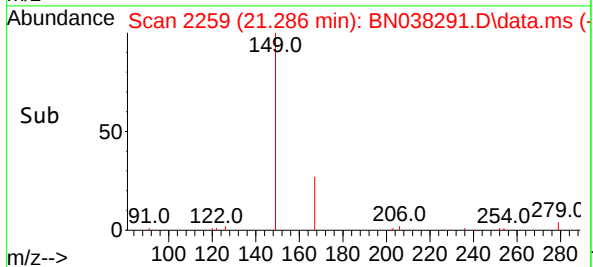
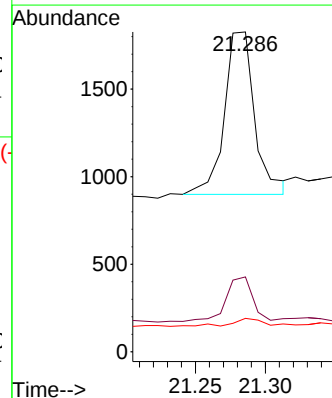
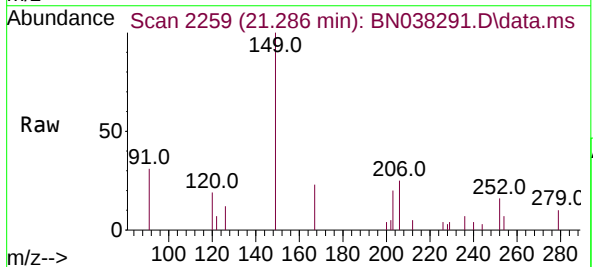
Instrument :
BNA_N
ClientSampleId :
OW-04B-26.5-120225

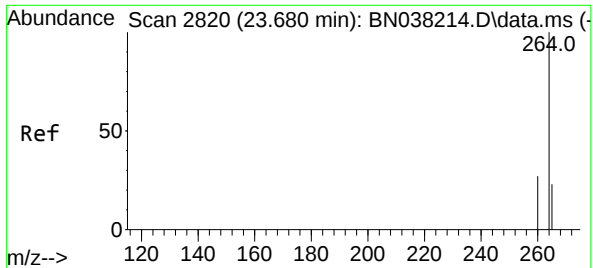
Tgt Ion	Ratio	Lower	Upper
244	100		
212	10.2	7.7	11.5
122	19.8	13.6	20.4



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.083 ng
RT: 21.286 min Scan# 2259
Delta R.T. -0.000 min
Lab File: BN038291.D
Acq: 06 Dec 2025 02:08

Tgt Ion	Ratio	Lower	Upper
149	100		
167	24.3	20.7	31.1
279	5.5	2.5	3.7





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.671 min Scan# 2817

Delta R.T. -0.009 min

Lab File: BN038291.D

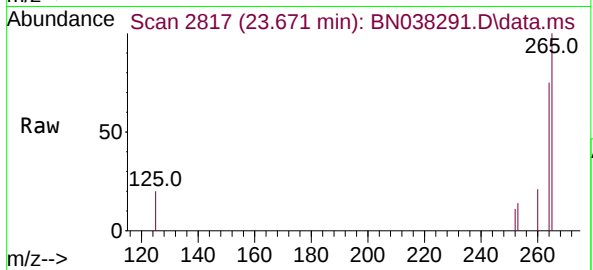
Acq: 06 Dec 2025 02:08

Instrument :

BNA_N

ClientSampleId :

OW-04B-26.5-120225



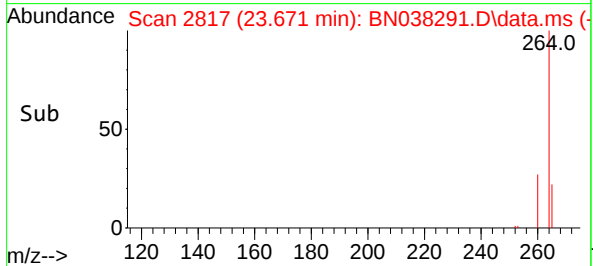
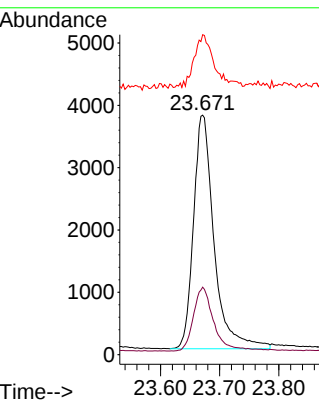
Tgt Ion:264 Resp: 9062

Ion Ratio Lower Upper

264 100

260 28.2 21.7 32.5

265 133.6 98.0 147.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120625\
 Data File : BN038292.D
 Acq On : 06 Dec 2025 02:45
 Operator : RC/JU
 Sample : Q3756-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BR-01-190-120225

A
B
C
D
E
F
G
H
I
J
K

Quant Time: Dec 06 03:23:21 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)

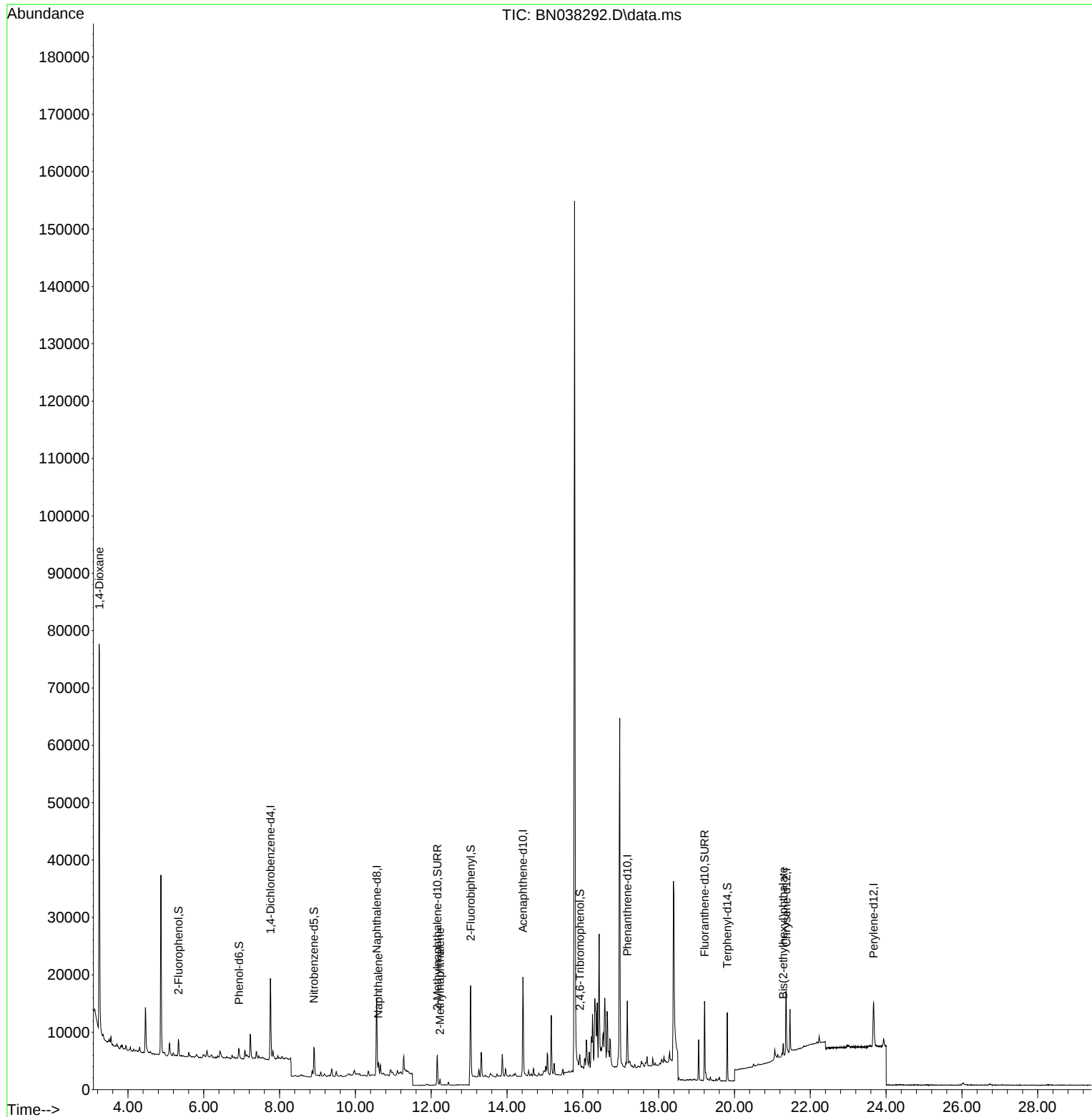
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.760	152	6614	0.400	ng	0.00
7) Naphthalene-d8	10.562	136	18511	0.400	ng	-0.01
13) Acenaphthene-d10	14.420	164	9412	0.400	ng	-0.01
19) Phenanthrene-d10	17.173	188	15199	0.400	ng	#-0.01
29) Chrysene-d12	21.366	240	11302	0.400	ng	# 0.00
35) Perylene-d12	23.668	264	11529	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.334	112	2324	0.150	ng	0.00
5) Phenol-d6	6.930	99	1715	0.089	ng	0.00
8) Nitrobenzene-d5	8.907	82	4814	0.325	ng	-0.01
11) 2-Methylnaphthalene-d10	12.161	152	7493	0.285	ng	0.00
14) 2,4,6-Tribromophenol	15.920	330	1370	0.463	ng	-0.01
15) 2-Fluorobiphenyl	13.040	172	12474	0.343	ng	-0.01
27) Fluoranthene-d10	19.211	212	14055	0.426	ng	0.00
31) Terphenyl-d14	19.810	244	10834	0.415	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.246	88	41238	5.919	ng	98
9) Naphthalene	10.605	128	2979	0.058	ng	# 91
12) 2-Methylnaphthalene	12.232	142	719	0.021	ng	# 85
34) Bis(2-ethylhexyl)phtha...	21.286	149	2038	0.097	ng	# 98

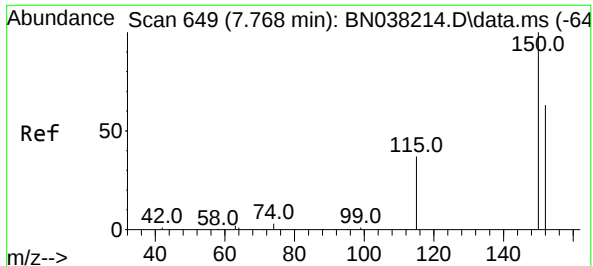
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120625\
Data File : BN038292.D
Acq On : 06 Dec 2025 02:45
Operator : RC/JU
Sample : Q3756-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BR-01-190-120225

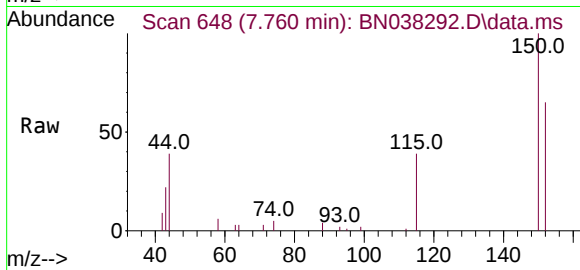
Quant Time: Dec 06 03:23:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 28 21:04:10 2025
Response via : Initial Calibration



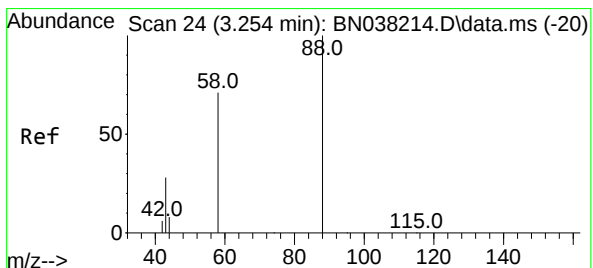
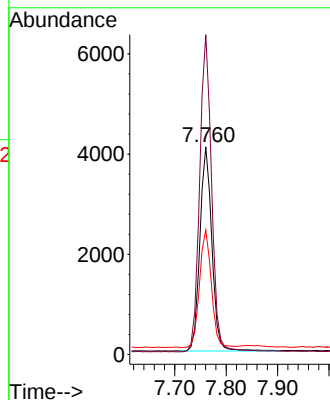
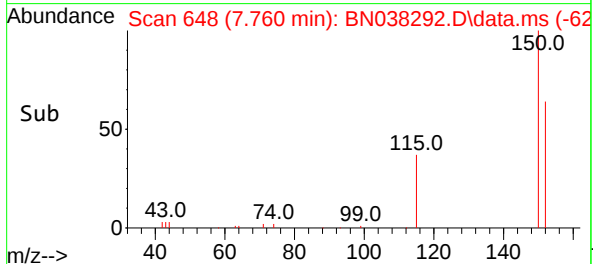


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.760 min Scan# 64
Delta R.T. -0.008 min
Lab File: BN038292.D
Acq: 06 Dec 2025 02:45

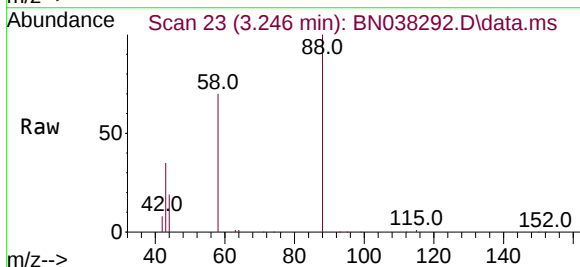
Instrument :
BNA_N
ClientSampleId :
BR-01-190-120225



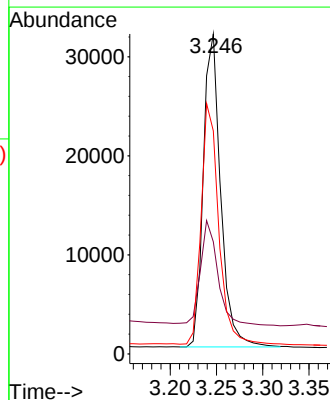
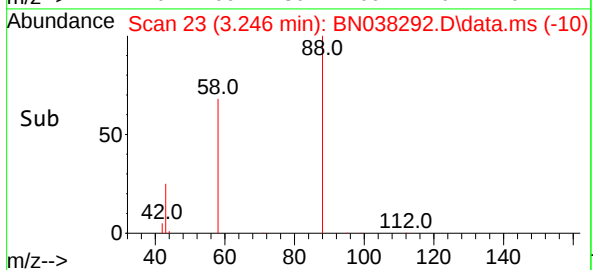
Tgt Ion:152 Resp: 6614
Ion Ratio Lower Upper
152 100
150 154.0 125.3 187.9
115 60.0 49.0 73.4

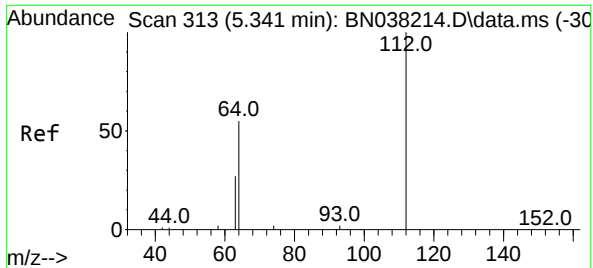


#2
1,4-Dioxane
Concen: 5.919 ng
RT: 3.246 min Scan# 23
Delta R.T. -0.007 min
Lab File: BN038292.D
Acq: 06 Dec 2025 02:45



Tgt Ion: 88 Resp: 41238
Ion Ratio Lower Upper
88 100
43 34.4 24.8 37.2
58 77.0 61.1 91.7

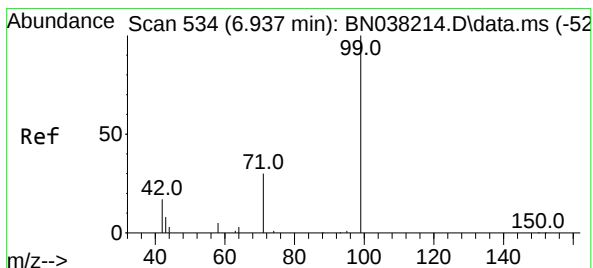
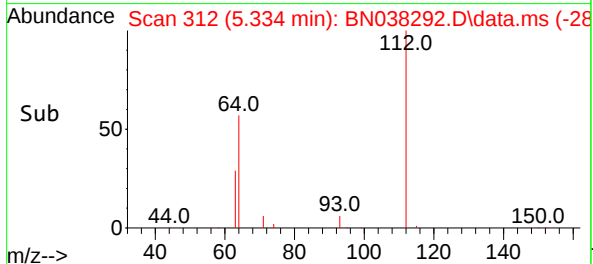
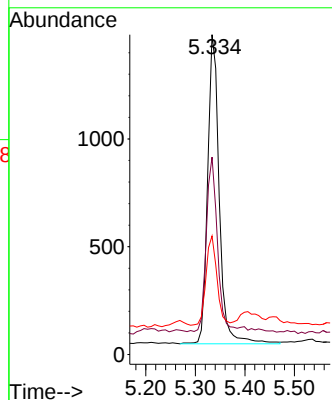
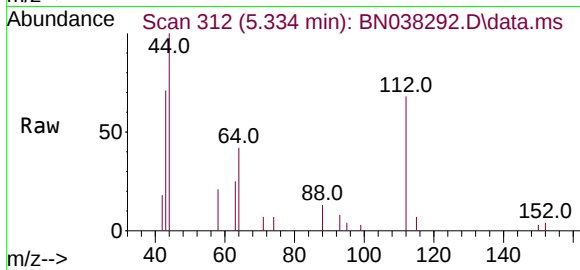




#4
2-Fluorophenol
Concen: 0.150 ng
RT: 5.334 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN038292.D
Acq: 06 Dec 2025 02:45

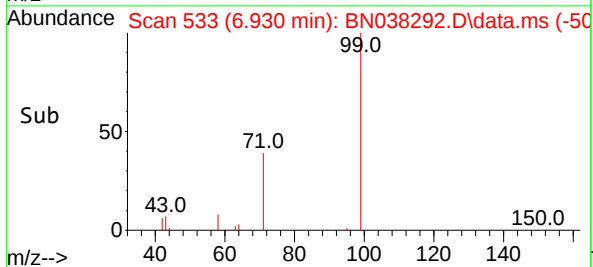
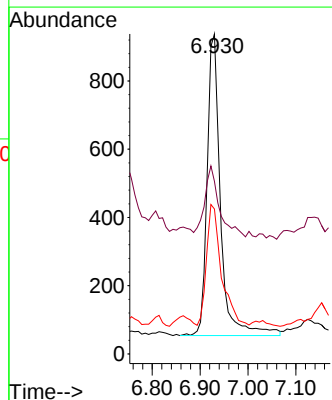
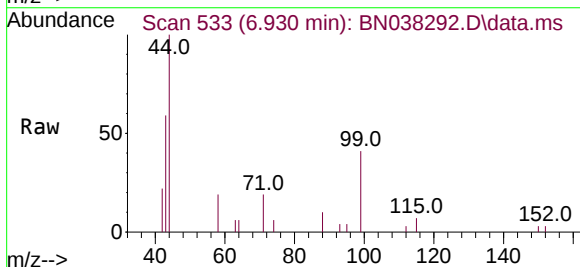
Instrument :
BNA_N
ClientSampleId :
BR-01-190-120225

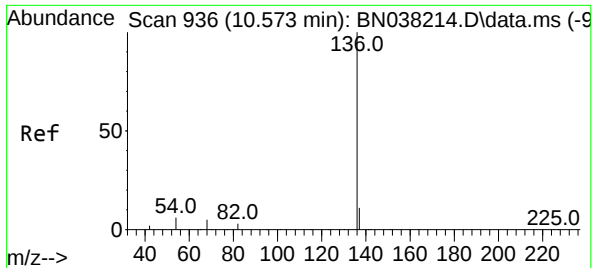
Tgt Ion:112 Resp: 2324
Ion Ratio Lower Upper
112 100
64 56.5 45.0 67.4
63 27.5 23.2 34.8



#5
Phenol-d6
Concen: 0.089 ng
RT: 6.930 min Scan# 533
Delta R.T. -0.007 min
Lab File: BN038292.D
Acq: 06 Dec 2025 02:45

Tgt Ion: 99 Resp: 1715
Ion Ratio Lower Upper
99 100
42 25.8 17.0 25.6#
71 44.8 25.4 38.2#

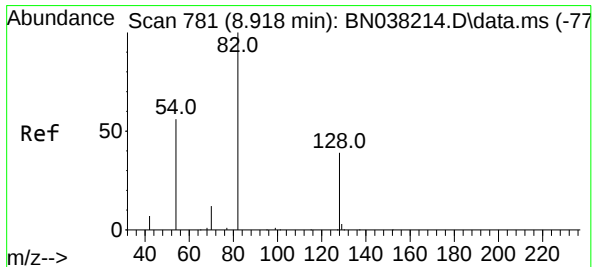
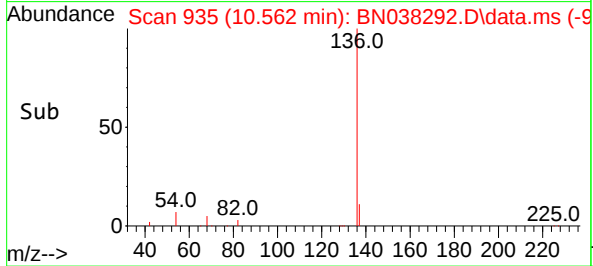
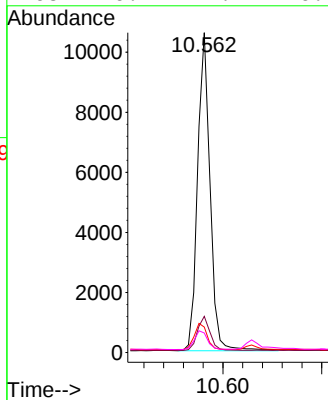
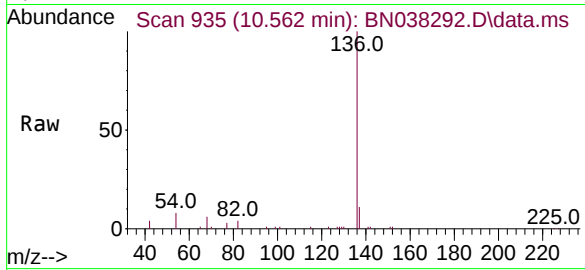




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.562 min Scan# 931
Delta R.T. -0.011 min
Lab File: BN038292.D
Acq: 06 Dec 2025 02:45

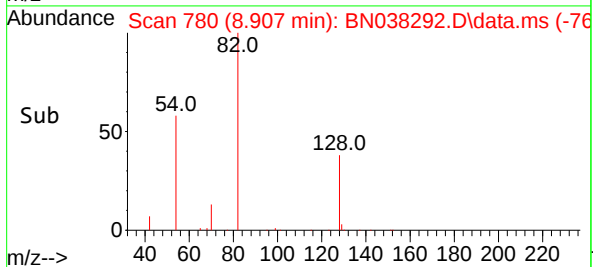
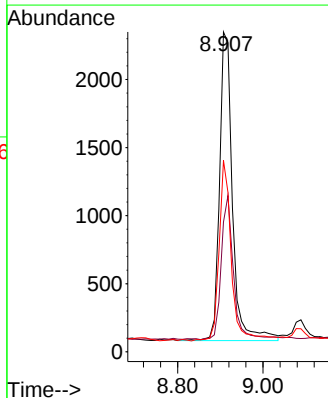
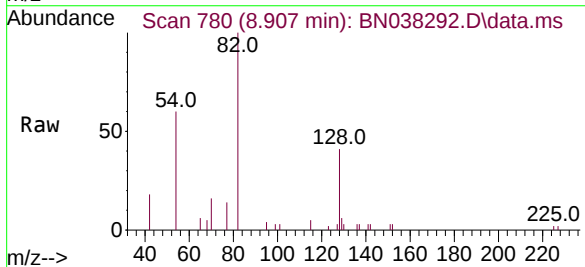
Instrument :
BNA_N
ClientSampleId :
BR-01-190-120225

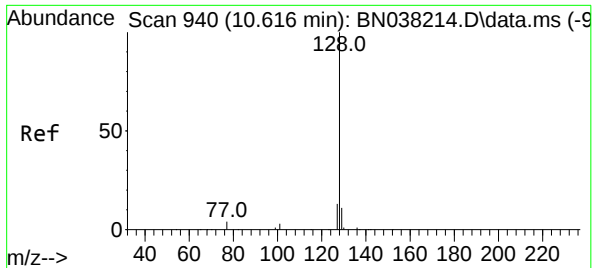
Tgt Ion:	136	Resp:	18511
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	8.0	5.4	8.0
68	6.1	4.1	6.1



#8
Nitrobenzene-d5
Concen: 0.325 ng
RT: 8.907 min Scan# 780
Delta R.T. -0.011 min
Lab File: BN038292.D
Acq: 06 Dec 2025 02:45

Tgt Ion:	82	Resp:	4814
Ion	Ratio	Lower	Upper
82	100		
128	40.6	32.6	48.8
54	59.8	45.4	68.0

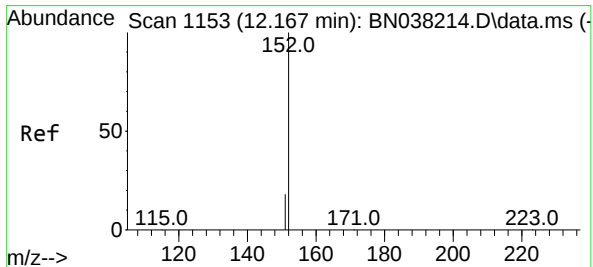
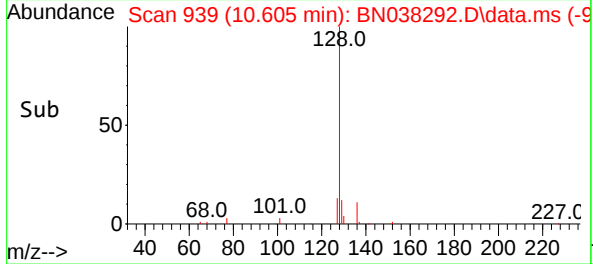
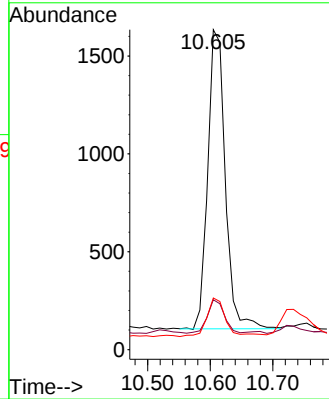
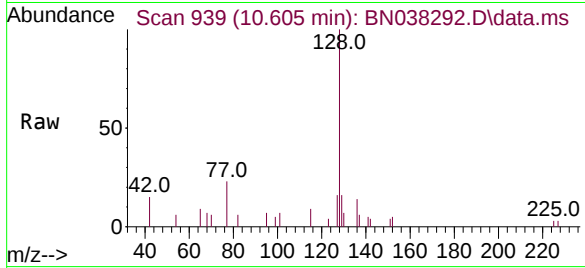




#9
Naphthalene
Concen: 0.058 ng
RT: 10.605 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN038292.D
Acq: 06 Dec 2025 02:45

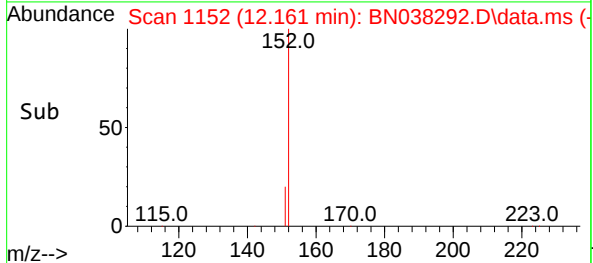
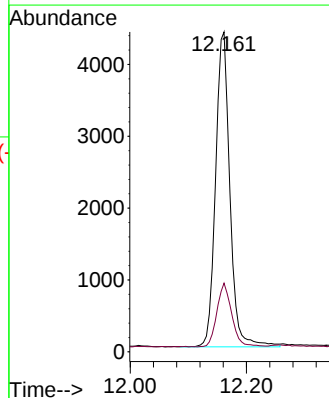
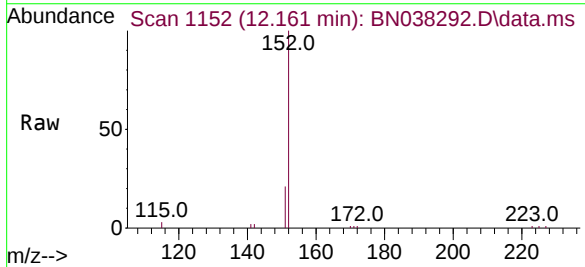
Instrument :
BNA_N
ClientSampleId :
BR-01-190-120225

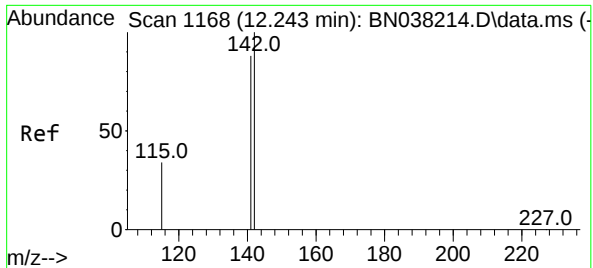
Tgt Ion	128	129	127
Resp:	2979		
Ion Ratio	100	15.6	16.1
Lower		9.1	10.6
Upper		13.7#	16.0#



#11
2-Methylnaphthalene-d10
Concen: 0.285 ng
RT: 12.161 min Scan# 1152
Delta R.T. -0.005 min
Lab File: BN038292.D
Acq: 06 Dec 2025 02:45

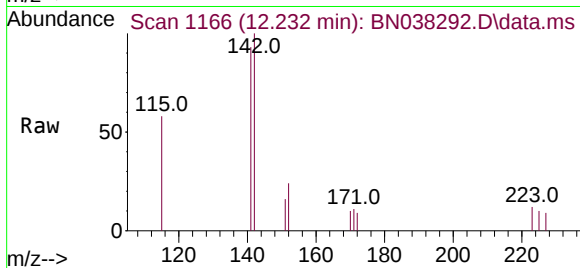
Tgt Ion	152	151
Resp:	7493	
Ion Ratio	100	20.8
Lower		16.7
Upper		25.1



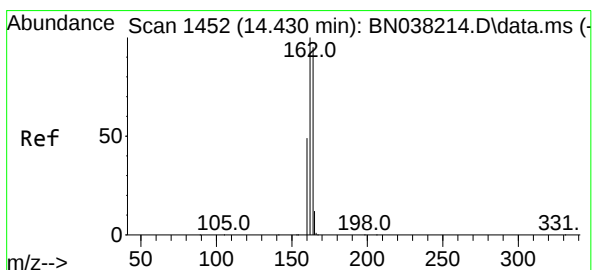
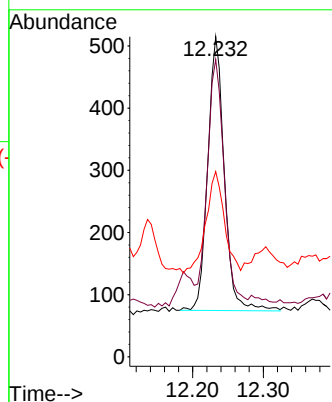
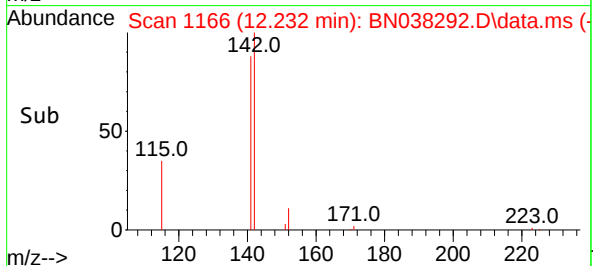


#12
2-Methylnaphthalene
Concen: 0.021 ng
RT: 12.232 min Scan# 1166
Delta R.T. -0.011 min
Lab File: BN038292.D
Acq: 06 Dec 2025 02:45

Instrument :
BNA_N
ClientSampleId :
BR-01-190-120225

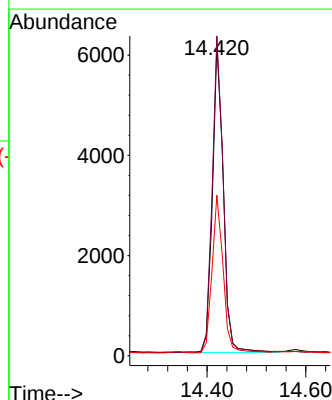
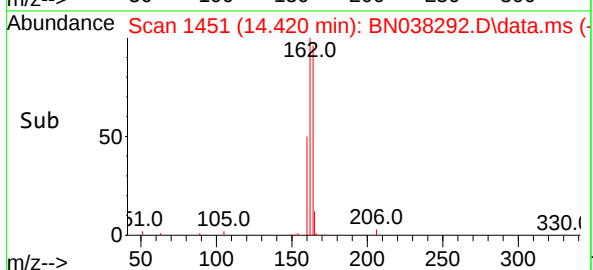
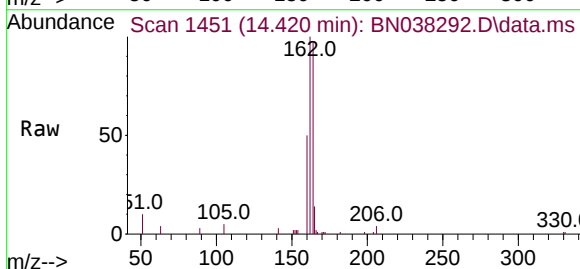


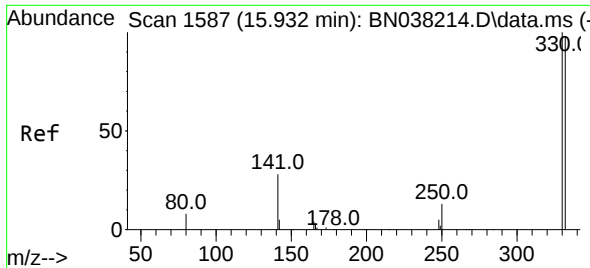
Tgt Ion:142 Resp: 719
Ion Ratio Lower Upper
142 100
141 92.8 70.9 106.3
115 57.9 27.7 41.5#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.420 min Scan# 1451
Delta R.T. -0.011 min
Lab File: BN038292.D
Acq: 06 Dec 2025 02:45

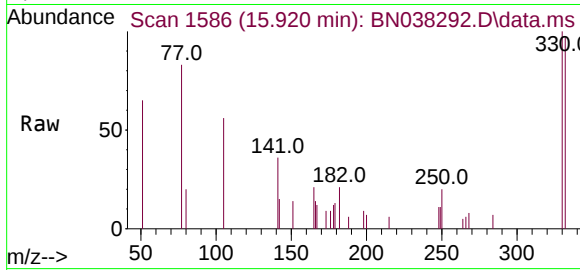
Tgt Ion:164 Resp: 9412
Ion Ratio Lower Upper
164 100
162 102.9 83.8 125.8
160 51.7 41.6 62.4



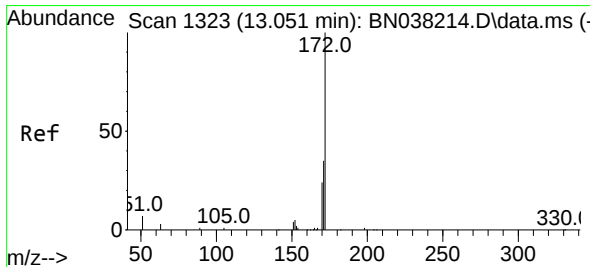
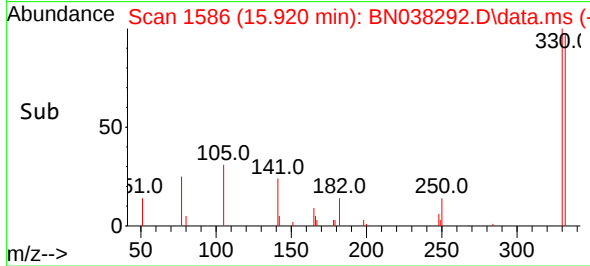
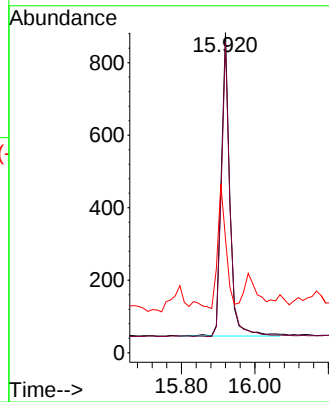


#14
2,4,6-Tribromophenol
Concen: 0.463 ng
RT: 15.920 min Scan# 1586
Delta R.T. -0.012 min
Lab File: BN038292.D
Acq: 06 Dec 2025 02:45

Instrument :
BNA_N
ClientSampleId :
BR-01-190-120225

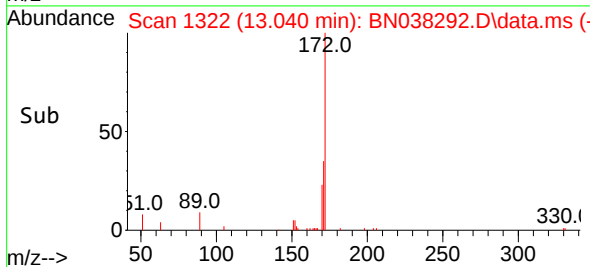
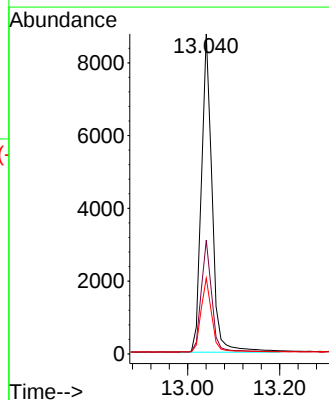
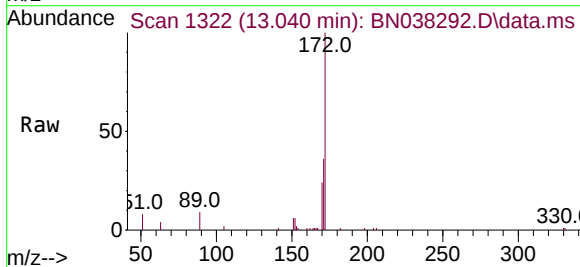


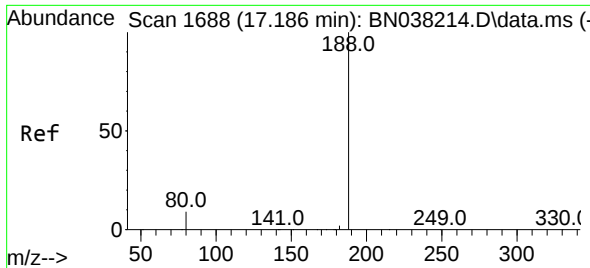
Tgt Ion: 330 Resp: 1370
Ion Ratio Lower Upper
330 100
332 96.1 77.8 116.6
141 37.7 33.0 49.4



#15
2-Fluorobiphenyl
Concen: 0.343 ng
RT: 13.040 min Scan# 1322
Delta R.T. -0.011 min
Lab File: BN038292.D
Acq: 06 Dec 2025 02:45

Tgt Ion: 172 Resp: 12474
Ion Ratio Lower Upper
172 100
171 35.5 28.1 42.1
170 23.7 19.1 28.7

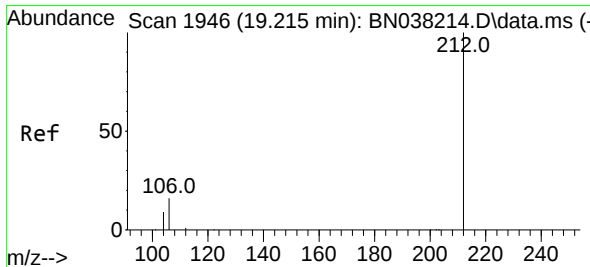
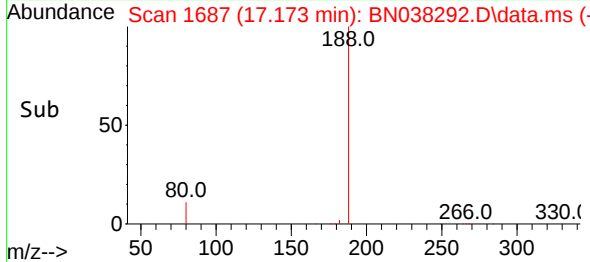
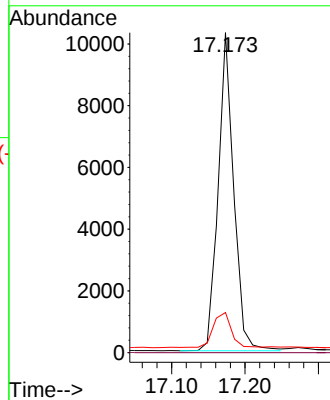
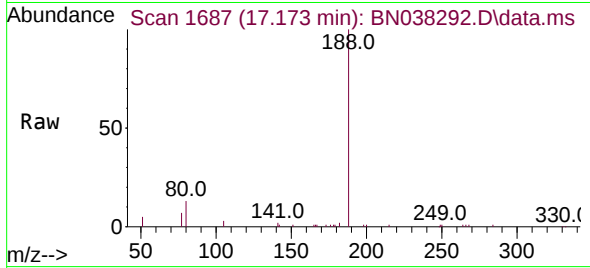




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.173 min Scan# 1687
Delta R.T. -0.012 min
Lab File: BN038292.D
Acq: 06 Dec 2025 02:45

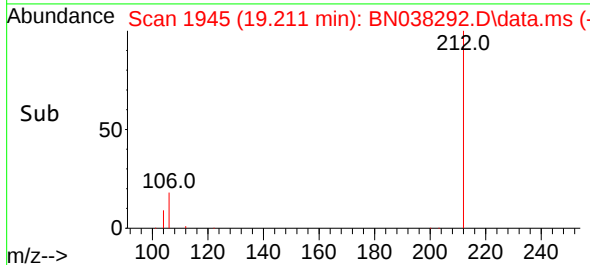
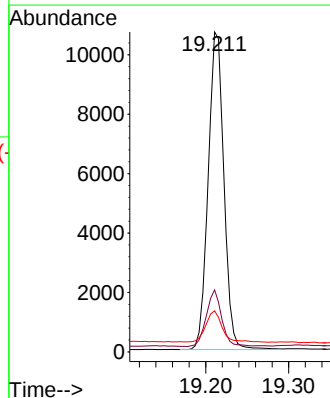
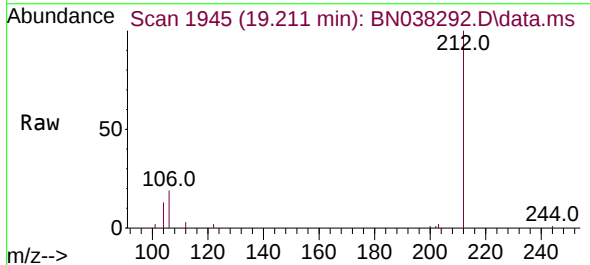
Instrument :
BNA_N
ClientSampleId :
BR-01-190-120225

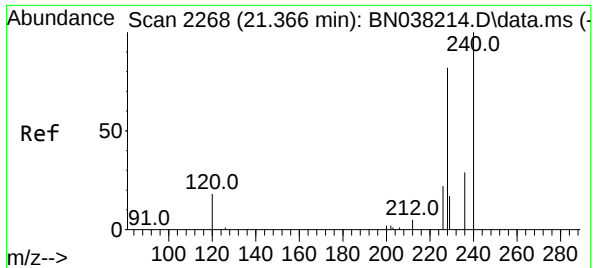
Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.5	7.7	11.5



#27
Fluoranthene-d10
Concen: 0.426 ng
RT: 19.211 min Scan# 1945
Delta R.T. -0.005 min
Lab File: BN038292.D
Acq: 06 Dec 2025 02:45

Tgt Ion	Ratio	Lower	Upper
212	100		
106	17.4	12.7	19.1
104	10.2	7.3	10.9

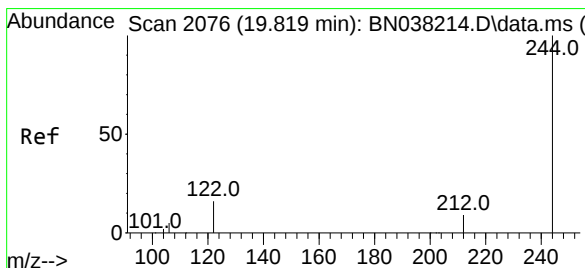
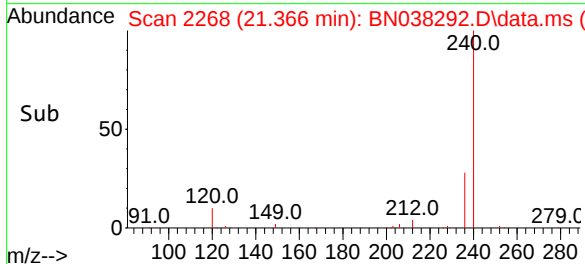
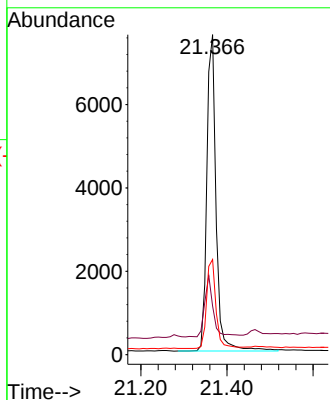
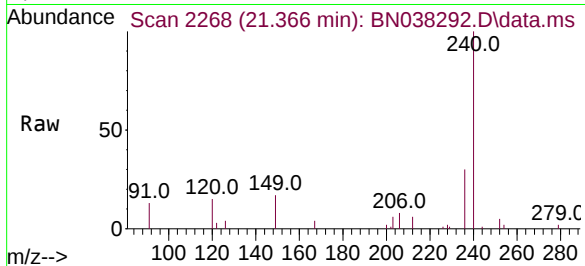




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.366 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN038292.D
Acq: 06 Dec 2025 02:45

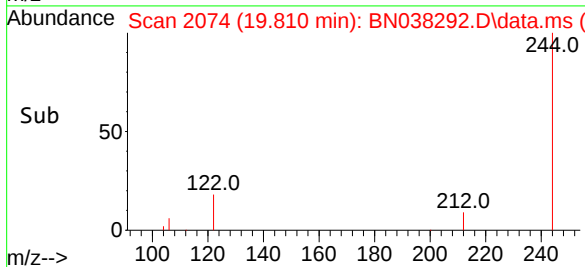
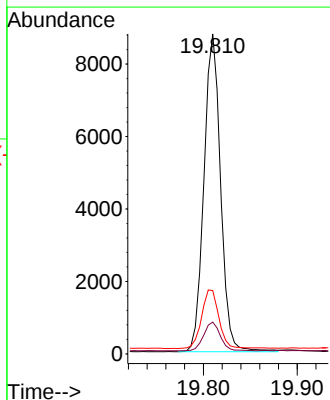
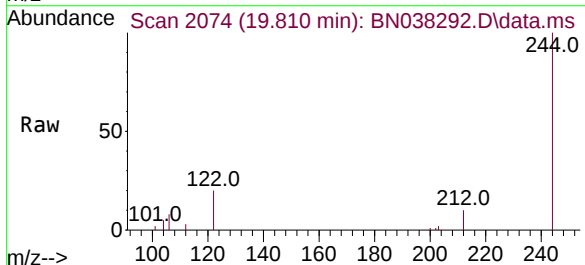
Instrument :
BNA_N
ClientSampleId :
BR-01-190-120225

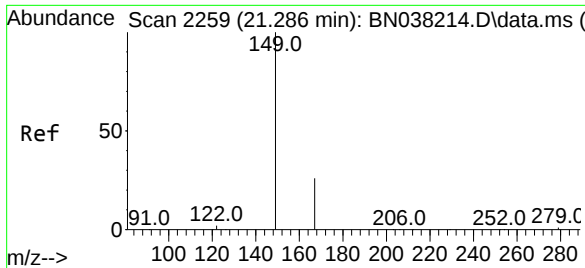
Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.2	18.1	27.1#
236	29.7	24.2	36.4



#31
Terphenyl-d14
Concen: 0.415 ng
RT: 19.810 min Scan# 2074
Delta R.T. -0.009 min
Lab File: BN038292.D
Acq: 06 Dec 2025 02:45

Tgt Ion	Ratio	Lower	Upper
244	100		
212	10.0	7.7	11.5
122	19.8	13.6	20.4

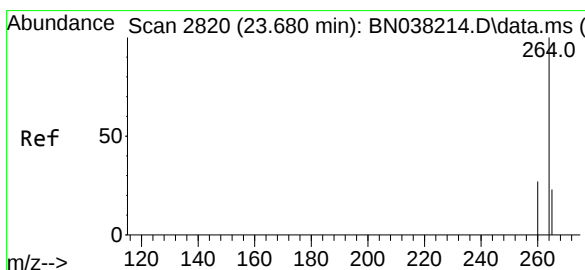
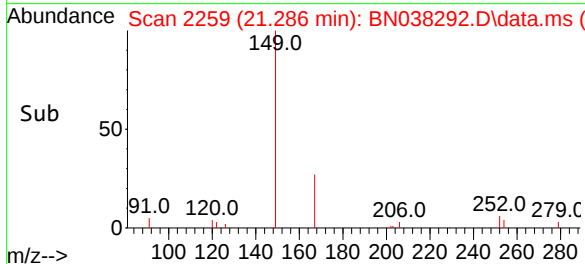
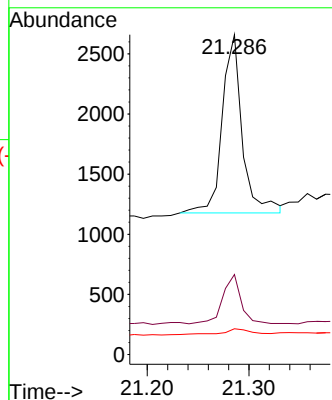
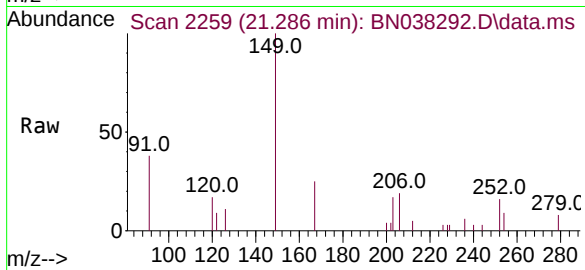




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.097 ng
 RT: 21.286 min Scan# 211
 Delta R.T. -0.000 min
 Lab File: BN038292.D
 Acq: 06 Dec 2025 02:45

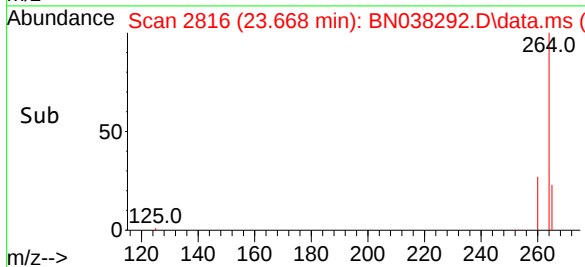
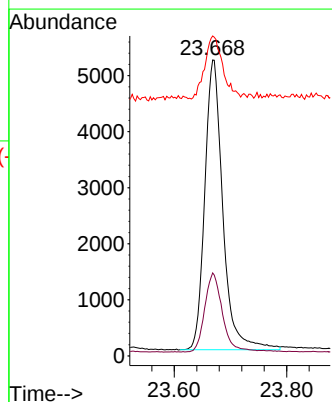
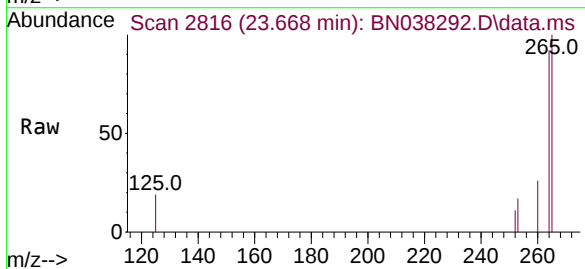
Instrument :
 BNA_N
 ClientSampleId :
 BR-01-190-120225

Tgt Ion:149 Resp: 2038
 Ion Ratio Lower Upper
 149 100
 167 25.1 20.7 31.1
 279 4.3 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: BN038292.D
 Acq: 06 Dec 2025 02:45

Tgt Ion:264 Resp: 11529
 Ion Ratio Lower Upper
 264 100
 260 28.0 21.7 32.5
 265 108.1 98.0 147.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121125\
 Data File : BN038332.D
 Acq On : 12 Dec 2025 01:13
 Operator : RC/JU
 Sample : Q3756-03DL 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BR-01-190-120225DL

A
B
C
D
E
F
G
H
I
J
K

Quant Time: Dec 12 04:16:59 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)

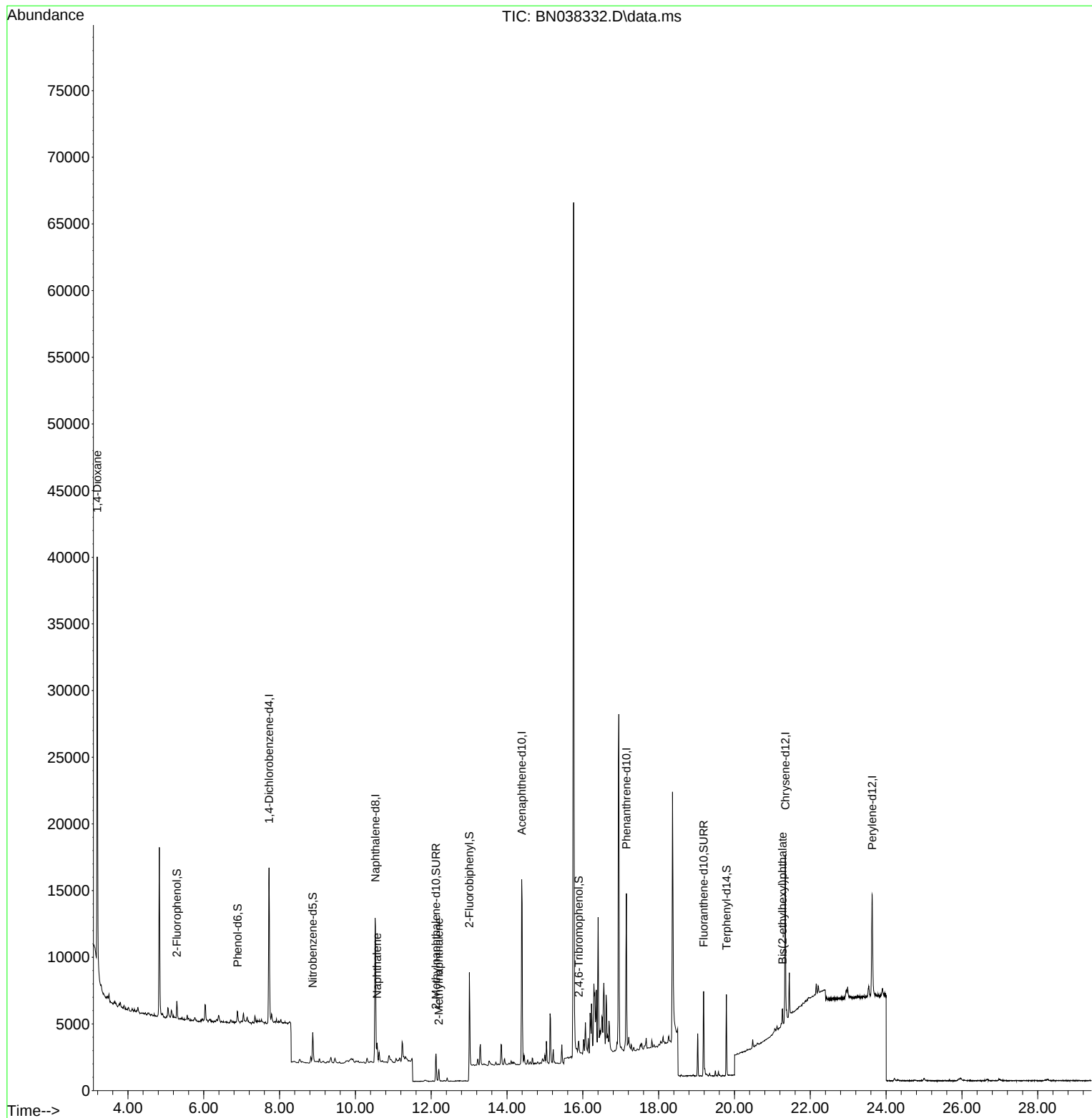
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	5762	0.400	ng	0.00
7) Naphthalene-d8	10.530	136	15461	0.400	ng	0.00
13) Acenaphthene-d10	14.388	164	8101	0.400	ng	-0.01
19) Phenanthrene-d10	17.149	188	15232	0.400	ng	0.00
29) Chrysene-d12	21.340	240	11067	0.400	ng	0.00
35) Perylene-d12	23.630	264	11044	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.290	112	1060	0.074	ng	0.00
5) Phenol-d6	6.894	99	813	0.048	ng	0.00
8) Nitrobenzene-d5	8.875	82	1988	0.152	ng	0.00
11) 2-Methylnaphthalene-d10	12.126	152	2870	0.132	ng	0.00
14) 2,4,6-Tribromophenol	15.895	330	618	0.172	ng	0.00
15) 2-Fluorobiphenyl	13.008	172	5793	0.148	ng	0.00
27) Fluoranthene-d10	19.187	212	6697	0.178	ng	0.00
31) Terphenyl-d14	19.787	244	5373	0.218	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.189	88	17328	2.623	ng	97
9) Naphthalene	10.573	128	1798	0.039	ng	# 88
12) 2-Methylnaphthalene	12.202	142	644	0.022	ng	# 83
34) Bis(2-ethylhexyl)phtha...	21.268	149	1375	0.059	ng	# 98

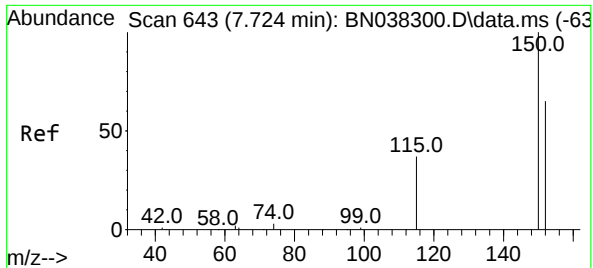
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121125\
Data File : BN038332.D
Acq On : 12 Dec 2025 01:13
Operator : RC/JU
Sample : Q3756-03DL 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BR-01-190-120225DL

Quant Time: Dec 12 04:16:59 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

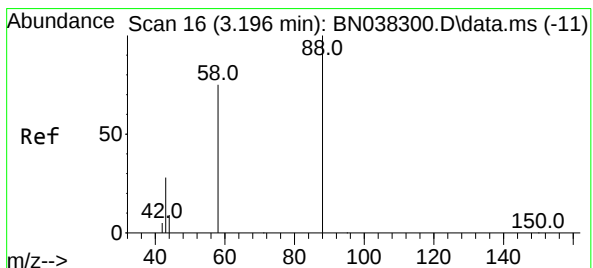
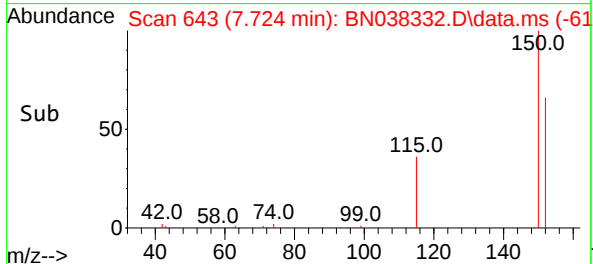
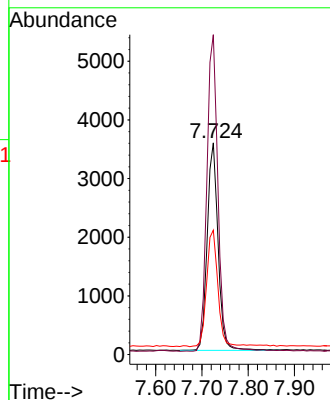
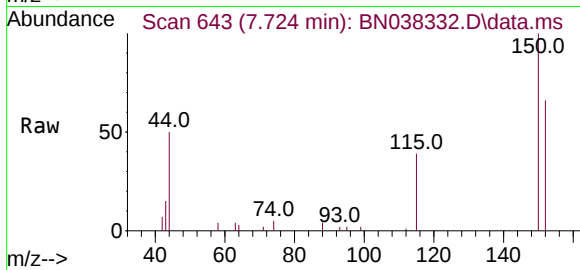




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.724 min Scan# 64
Delta R.T. 0.000 min
Lab File: BN038332.D
Acq: 12 Dec 2025 01:13

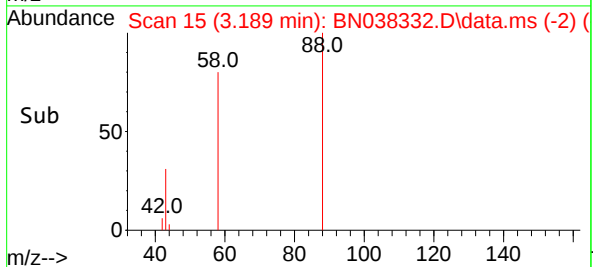
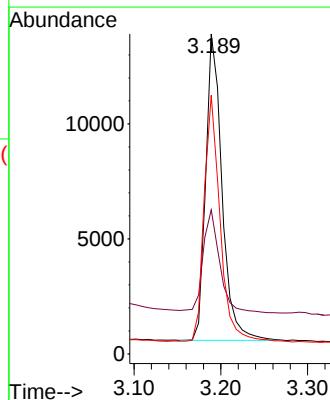
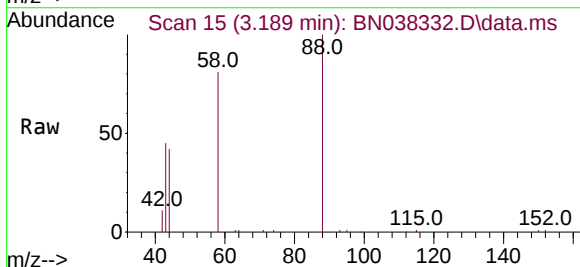
Instrument :
BNA_N
ClientSampleId :
BR-01-190-120225DL

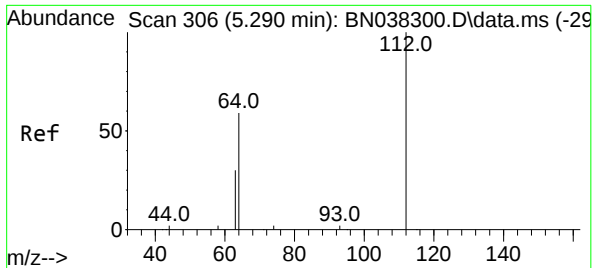
Tgt Ion:152 Resp: 5762
Ion Ratio Lower Upper
152 100
150 151.1 122.4 183.6
115 58.7 47.3 70.9



#2
1,4-Dioxane
Concen: 2.623 ng
RT: 3.189 min Scan# 15
Delta R.T. -0.007 min
Lab File: BN038332.D
Acq: 12 Dec 2025 01:13

Tgt Ion: 88 Resp: 17328
Ion Ratio Lower Upper
88 100
43 34.8 24.9 37.3
58 78.0 61.4 92.0

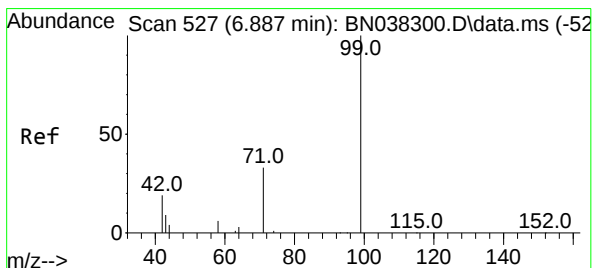
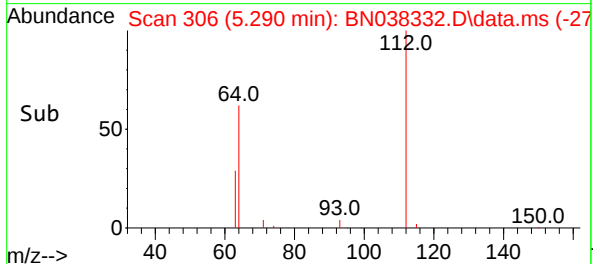
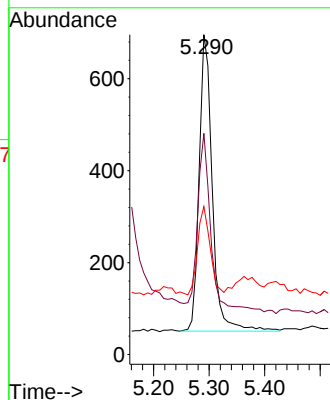
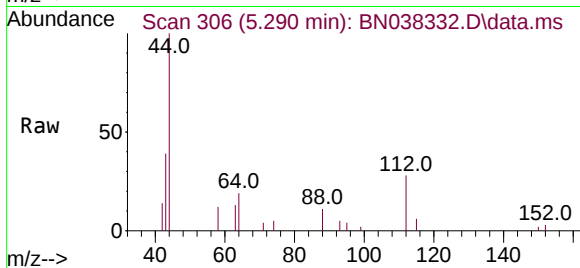




#4
2-Fluorophenol
Concen: 0.074 ng
RT: 5.290 min Scan# 306
Delta R.T. 0.000 min
Lab File: BN038332.D
Acq: 12 Dec 2025 01:13

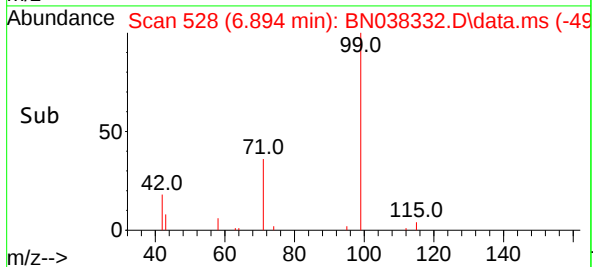
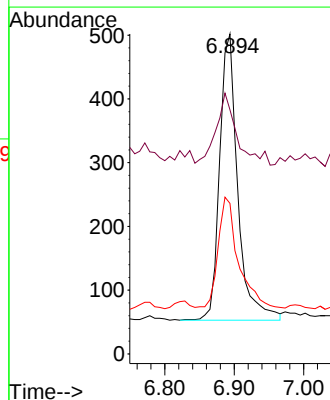
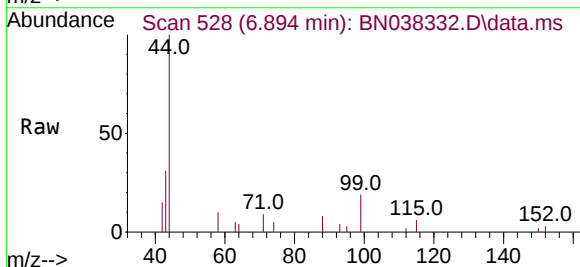
Instrument :
BNA_N
ClientSampleId :
BR-01-190-120225DL

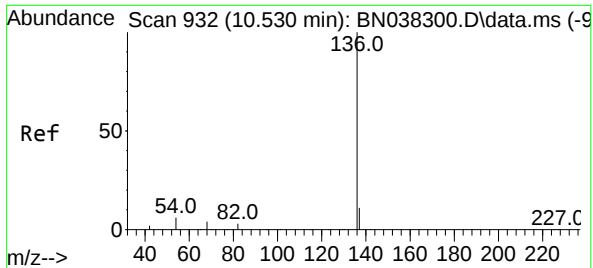
Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.1	44.4	66.6
63	28.0	23.4	35.0



#5
Phenol-d6
Concen: 0.048 ng
RT: 6.894 min Scan# 528
Delta R.T. 0.007 min
Lab File: BN038332.D
Acq: 12 Dec 2025 01:13

Tgt Ion	Ratio	Lower	Upper
99	100		
42	28.5	16.5	24.7#
71	44.6	24.9	37.3#

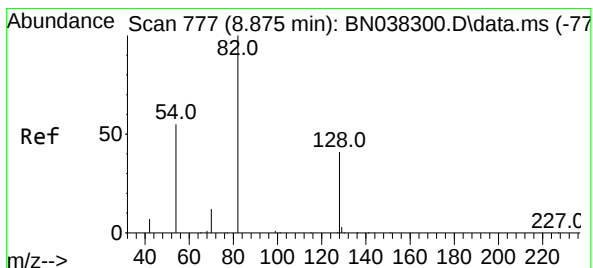
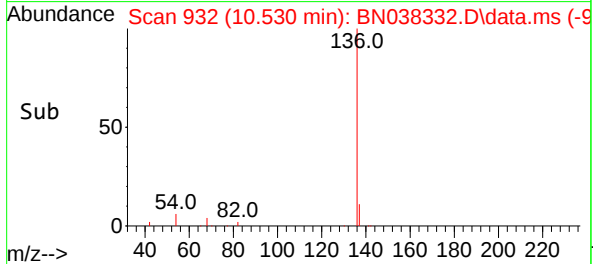
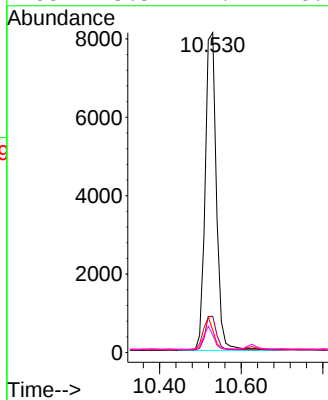
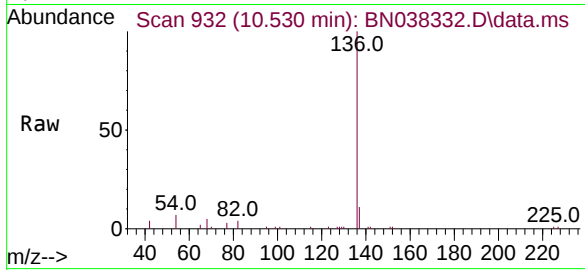




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.530 min Scan# 932
Delta R.T. 0.000 min
Lab File: BN038332.D
Acq: 12 Dec 2025 01:13

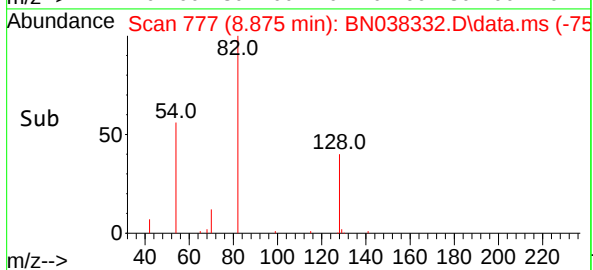
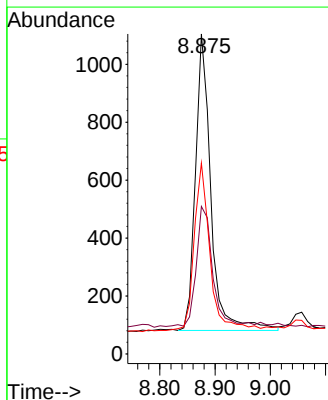
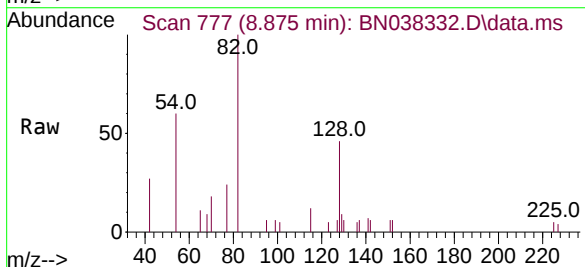
Instrument :
BNA_N
ClientSampleId :
BR-01-190-120225DL

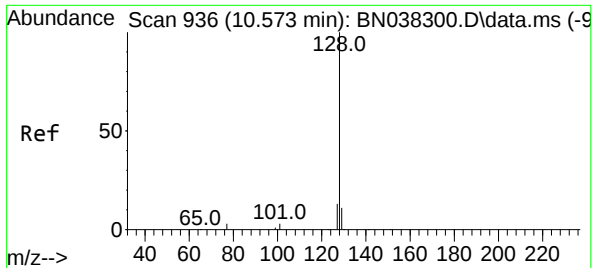
Tgt Ion:	136	Resp:	15461
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.1	13.7
54	7.0	5.2	7.8
68	5.5	4.1	6.1



#8
Nitrobenzene-d5
Concen: 0.152 ng
RT: 8.875 min Scan# 777
Delta R.T. 0.000 min
Lab File: BN038332.D
Acq: 12 Dec 2025 01:13

Tgt Ion:	82	Resp:	1988
Ion Ratio	Lower	Upper	
82	100		
128	46.1	34.0	51.0
54	59.6	44.4	66.6

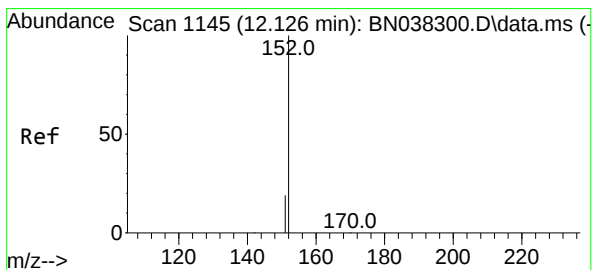
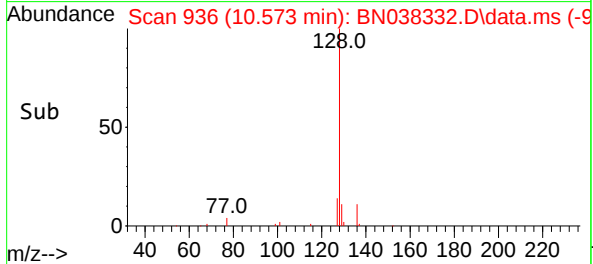
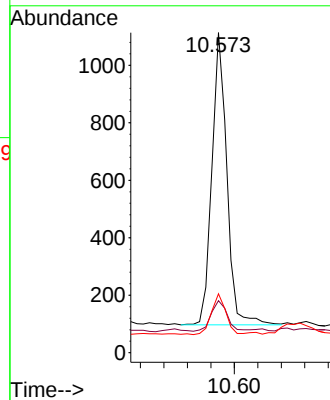
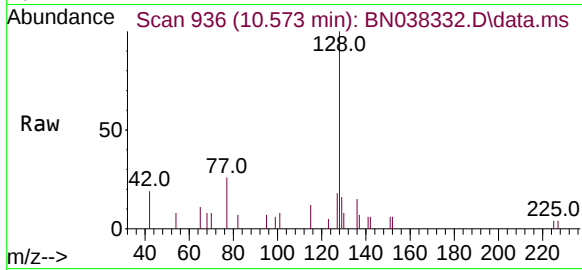




#9
Naphthalene
Concen: 0.039 ng
RT: 10.573 min Scan# 936
Delta R.T. 0.000 min
Lab File: BN038332.D
Acq: 12 Dec 2025 01:13

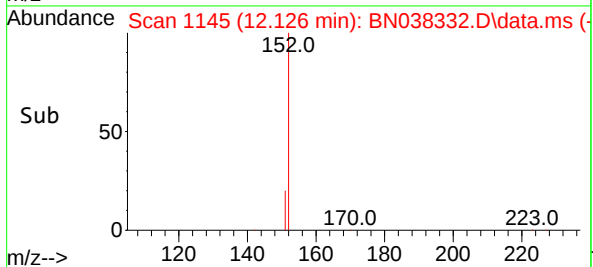
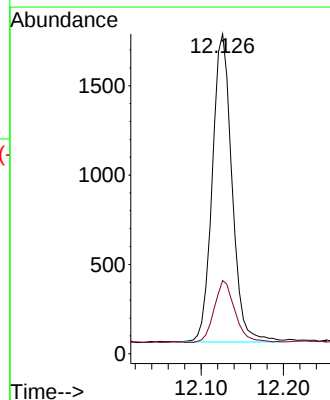
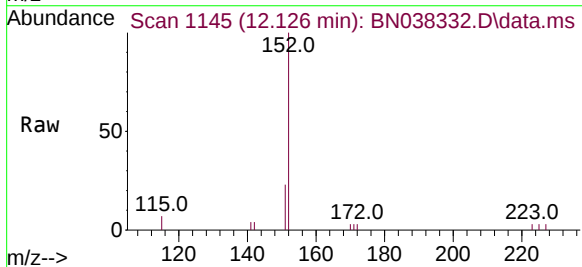
Instrument :
BNA_N
ClientSampleId :
BR-01-190-120225DL

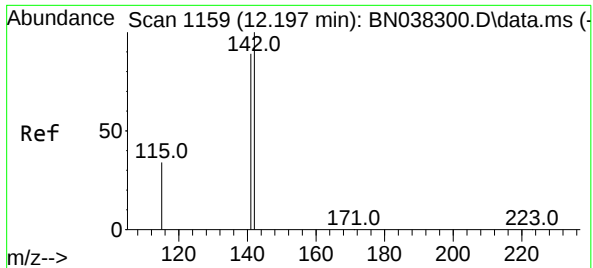
Tgt Ion:	128	Resp:	1798
Ion	Ratio	Lower	Upper
128	100		
129	16.2	9.1	13.7#
127	18.4	10.9	16.3#



#11
2-Methylnaphthalene-d10
Concen: 0.132 ng
RT: 12.126 min Scan# 1145
Delta R.T. 0.000 min
Lab File: BN038332.D
Acq: 12 Dec 2025 01:13

Tgt Ion:	152	Resp:	2870
Ion	Ratio	Lower	Upper
152	100		
151	21.2	17.0	25.6





#12

2-Methylnaphthalene

Concen: 0.022 ng

RT: 12.202 min Scan# 1159

Delta R.T. 0.000 min

Lab File: BN038332.D

Acq: 12 Dec 2025 01:13

Instrument :

BNA_N

ClientSampleId :

BR-01-190-120225DL

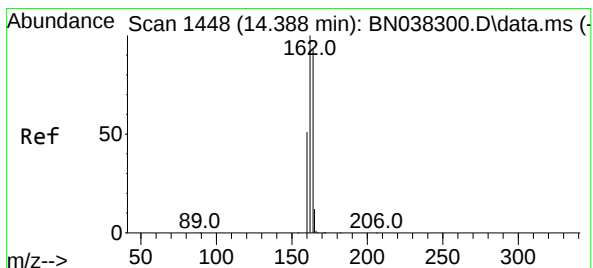
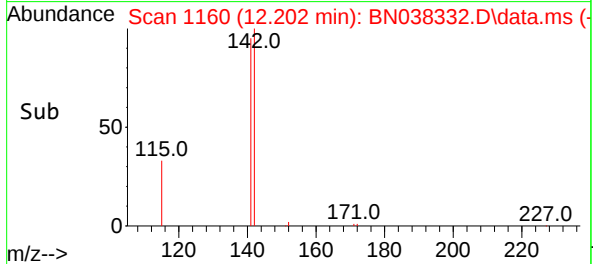
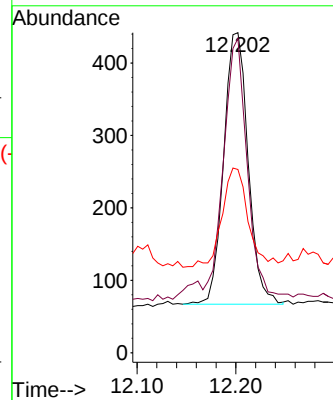
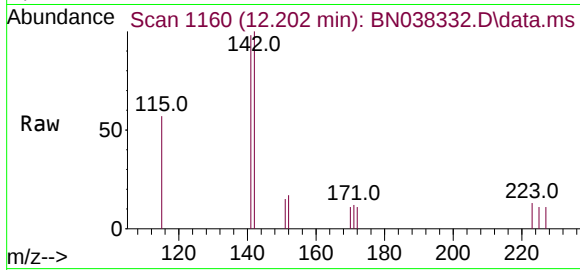
Tgt Ion:142 Resp: 644

Ion Ratio Lower Upper

142 100

141 98.2 71.4 107.2

115 57.2 28.4 42.6#



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.388 min Scan# 1448

Delta R.T. -0.011 min

Lab File: BN038332.D

Acq: 12 Dec 2025 01:13

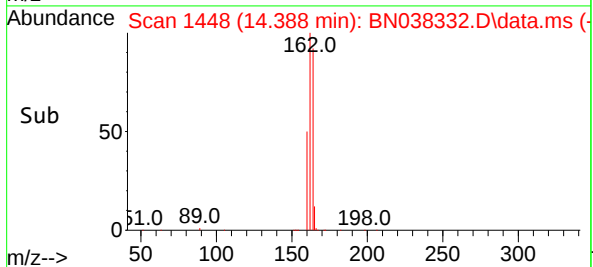
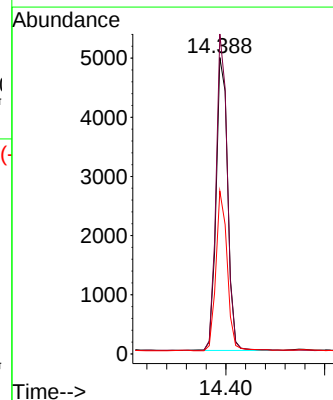
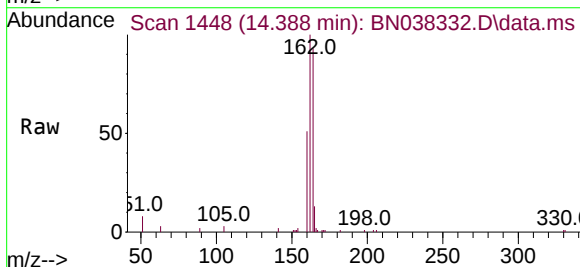
Tgt Ion:164 Resp: 8101

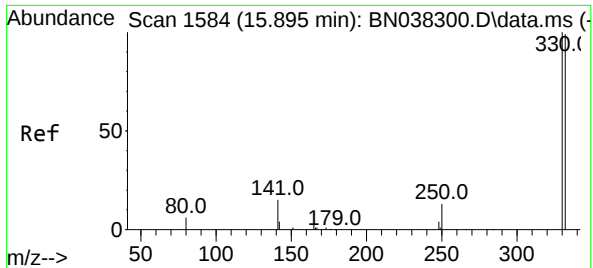
Ion Ratio Lower Upper

164 100

162 107.9 86.2 129.4

160 54.9 44.6 67.0

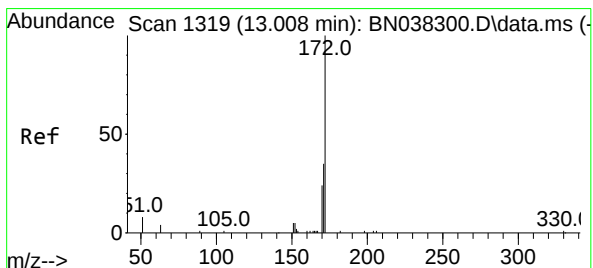
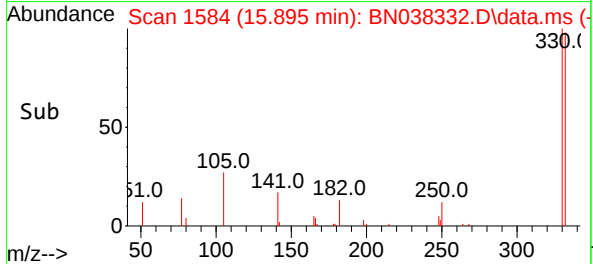
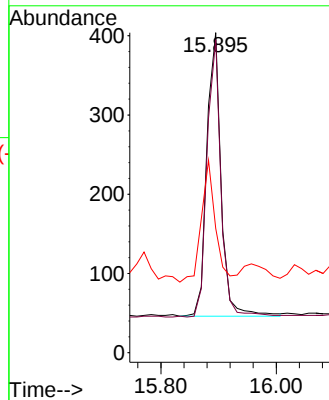
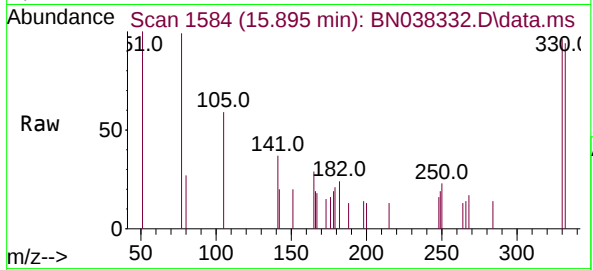




#14
2,4,6-Tribromophenol
Concen: 0.172 ng
RT: 15.895 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BN038332.D
Acq: 12 Dec 2025 01:13

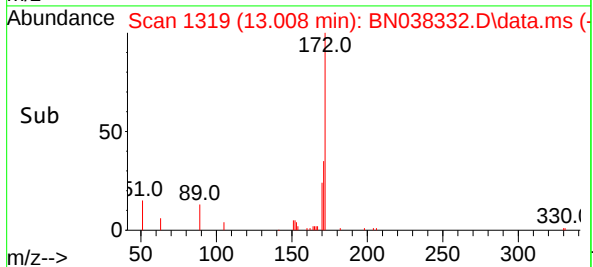
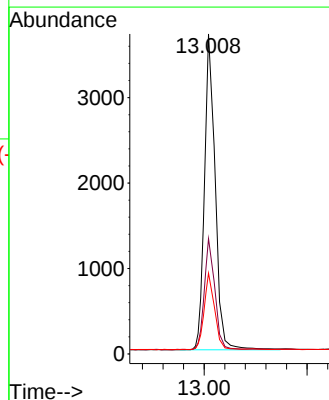
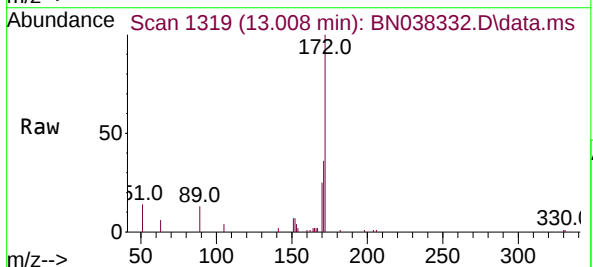
Instrument :
BNA_N
ClientSampleId :
BR-01-190-120225DL

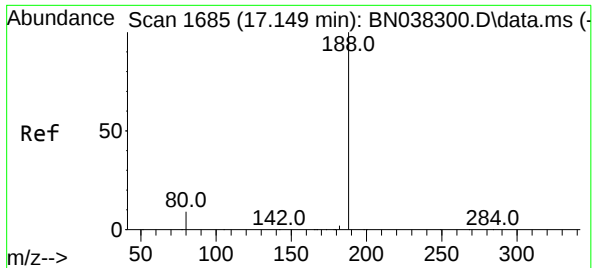
Tgt Ion:	330	Resp:	618
Ion Ratio	Lower	Upper	
330	100		
332	95.3	75.8	113.6
141	41.4	31.8	47.8



#15
2-Fluorobiphenyl
Concen: 0.148 ng
RT: 13.008 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BN038332.D
Acq: 12 Dec 2025 01:13

Tgt Ion:	172	Resp:	5793
Ion Ratio	Lower	Upper	
172	100		
171	36.0	28.6	42.8
170	25.3	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: BN038332.D

Acq: 12 Dec 2025 01:13

Instrument :

BNA_N

ClientSampleId :

BR-01-190-120225DL

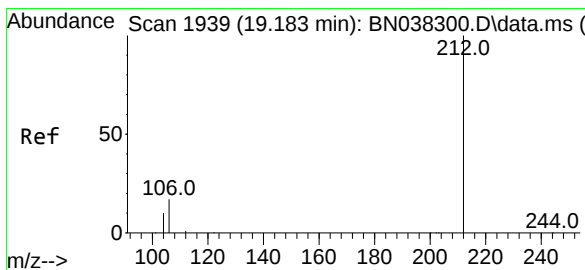
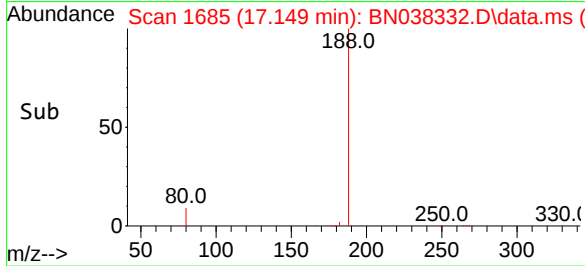
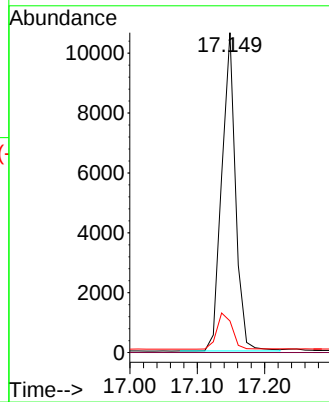
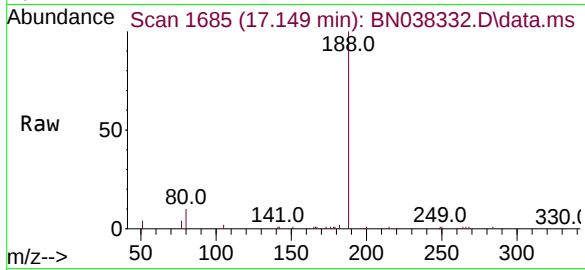
Tgt Ion:188 Resp: 15232

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.9 7.4 11.0



#27

Fluoranthene-d10

Concen: 0.178 ng

RT: 19.187 min Scan# 1940

Delta R.T. 0.000 min

Lab File: BN038332.D

Acq: 12 Dec 2025 01:13

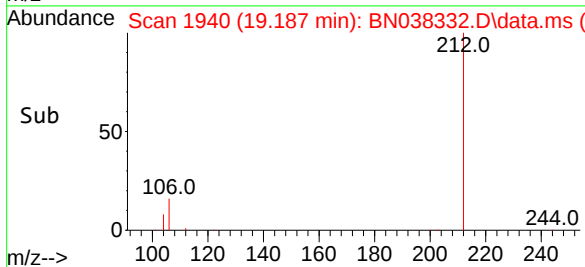
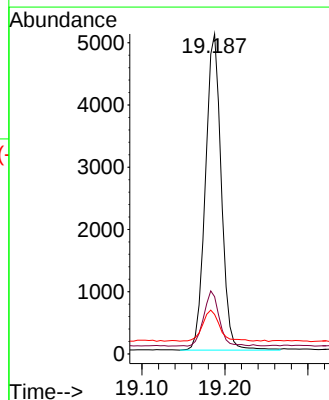
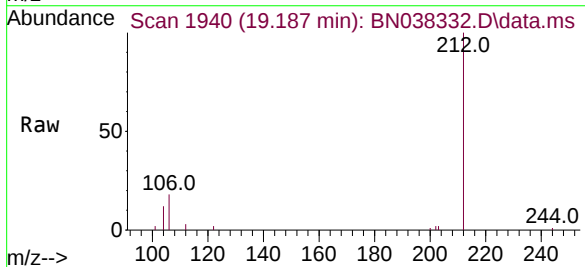
Tgt Ion:212 Resp: 6697

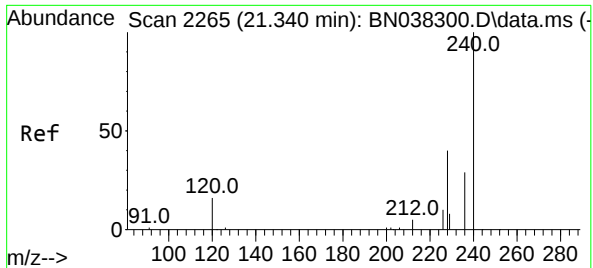
Ion Ratio Lower Upper

212 100

106 16.9 13.7 20.5

104 10.4 7.8 11.8

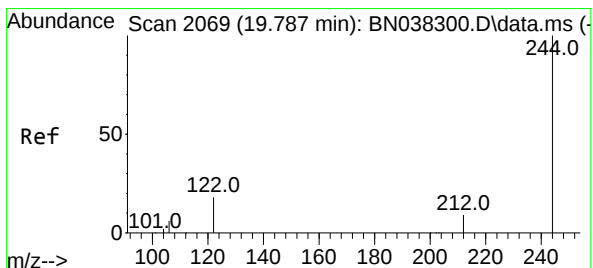
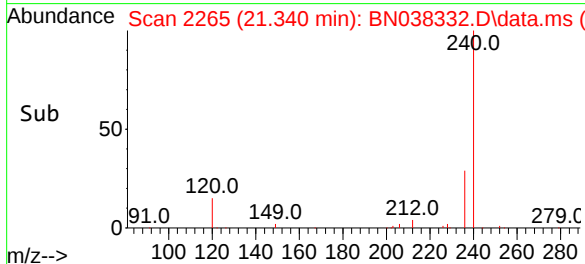
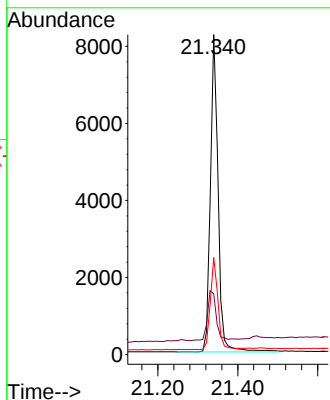
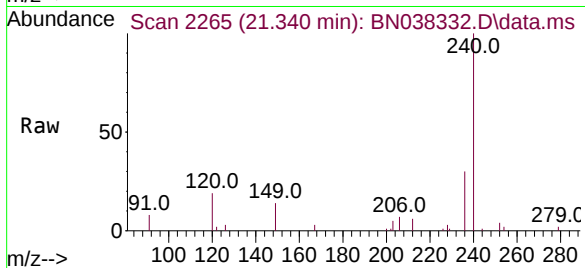




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.340 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN038332.D
Acq: 12 Dec 2025 01:13

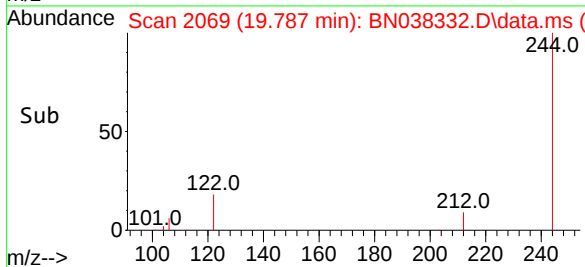
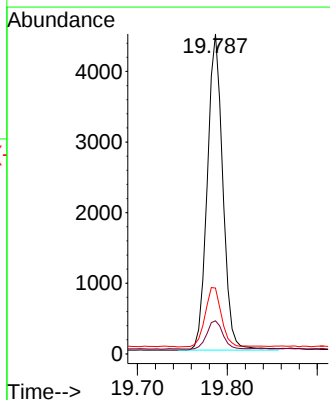
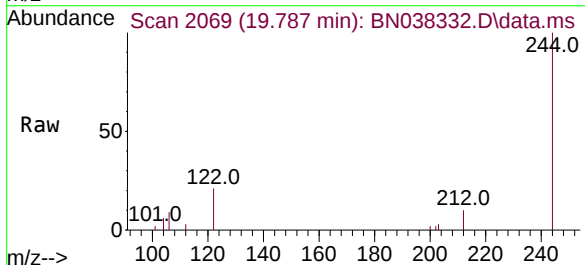
Instrument :
BNA_N
ClientSampleId :
BR-01-190-120225DL

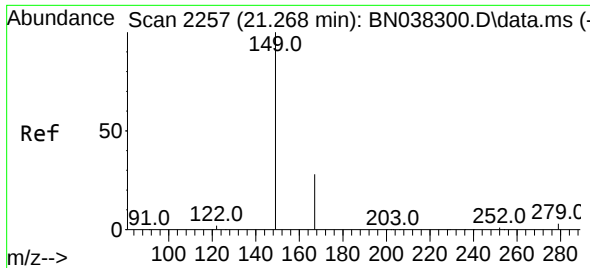
Tgt Ion:	240	Resp:	11067
Ion Ratio	Lower	Upper	
240	100		
120	19.0	15.4	23.2
236	30.3	23.9	35.9



#31
Terphenyl-d14
Concen: 0.218 ng
RT: 19.787 min Scan# 2069
Delta R.T. -0.005 min
Lab File: BN038332.D
Acq: 12 Dec 2025 01:13

Tgt Ion:	244	Resp:	5373
Ion Ratio	Lower	Upper	
244	100		
212	10.3	7.9	11.9
122	20.6	15.0	22.6

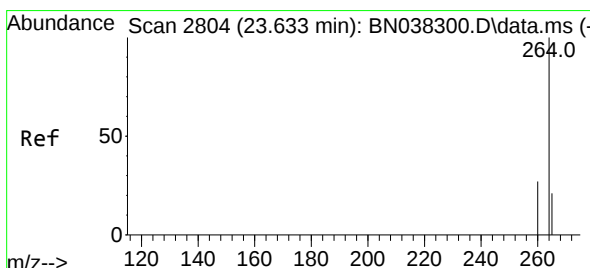
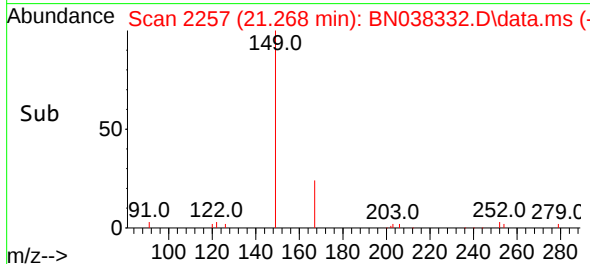
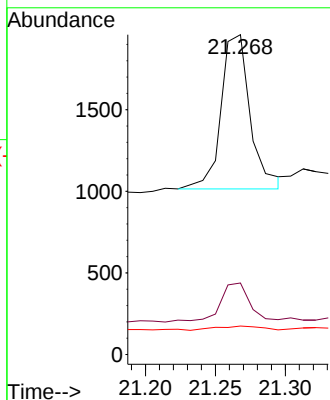
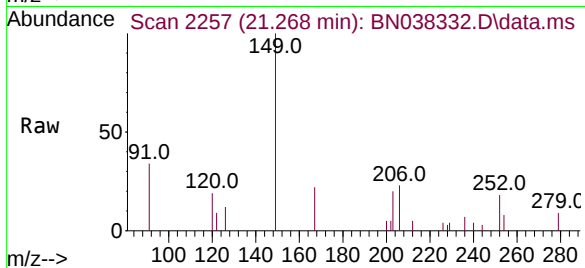




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.059 ng
RT: 21.268 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN038332.D
Acq: 12 Dec 2025 01:13

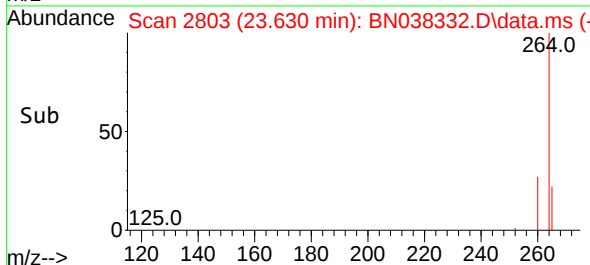
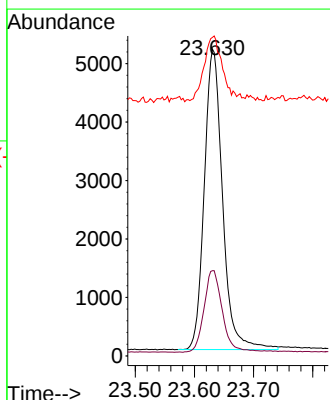
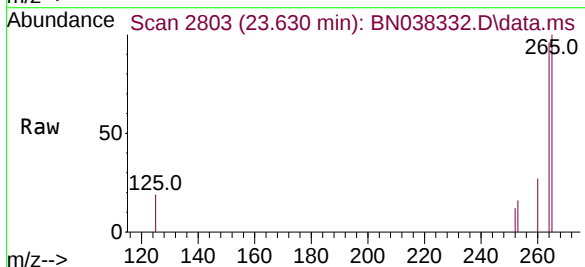
Instrument :
BNA_N
ClientSampleId :
BR-01-190-120225DL

Tgt Ion:149 Resp: 1375
Ion Ratio Lower Upper
149 100
167 27.6 21.4 32.0
279 4.4 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: BN038332.D
Acq: 12 Dec 2025 01:13

Tgt Ion:264 Resp: 11044
Ion Ratio Lower Upper
264 100
260 27.8 22.2 33.2
265 103.8 80.2 120.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120625\
 Data File : BN038293.D
 Acq On : 06 Dec 2025 03:21
 Operator : RC/JU
 Sample : Q3756-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-04-12-120225

A
B
C
D
E
F
G
H
I
J
K

Quant Time: Dec 06 05:25:59 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)

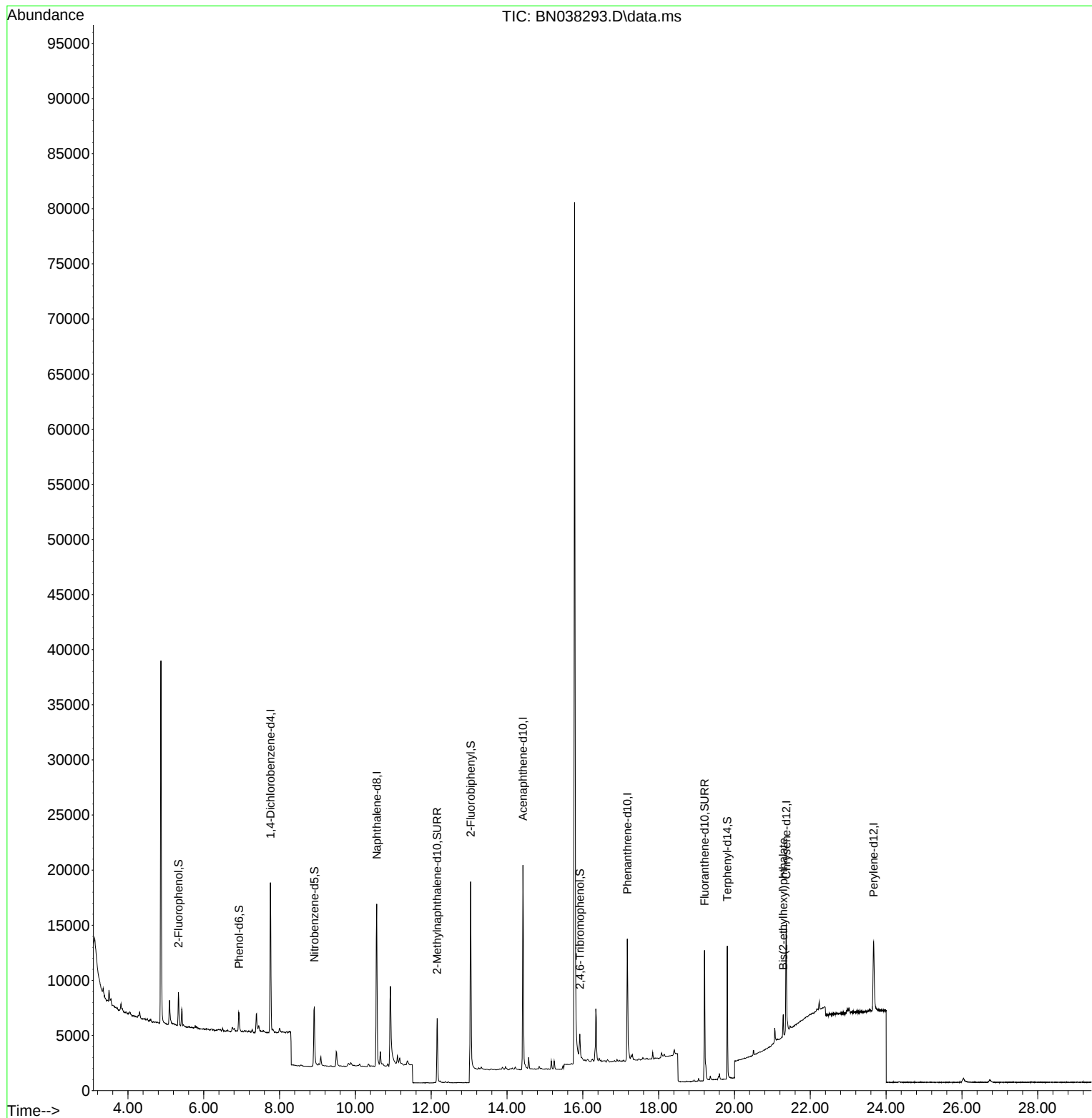
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.760	152	6896	0.400	ng	0.00
7) Naphthalene-d8	10.562	136	20829	0.400	ng	-0.01
13) Acenaphthene-d10	14.420	164	11092	0.400	ng	-0.01
19) Phenanthrene-d10	17.173	188	16516	0.400	ng	#-0.01
29) Chrysene-d12	21.366	240	9936	0.400	ng	# 0.00
35) Perylene-d12	23.671	264	9902	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.334	112	2540	0.158	ng	0.00
5) Phenol-d6	6.930	99	1950	0.097	ng	0.00
8) Nitrobenzene-d5	8.918	82	5152	0.309	ng	0.00
11) 2-Methylnaphthalene-d10	12.156	152	8679	0.294	ng	-0.01
14) 2,4,6-Tribromophenol	15.920	330	1383	0.396	ng	-0.01
15) 2-Fluorobiphenyl	13.040	172	14466	0.338	ng	-0.01
27) Fluoranthene-d10	19.211	212	13393	0.374	ng	0.00
31) Terphenyl-d14	19.810	244	11887	0.518	ng	0.00
Target Compounds						
34) Bis(2-ethylhexyl)phtha...	21.286	149	2078	0.113	ng	Qvalue # 99

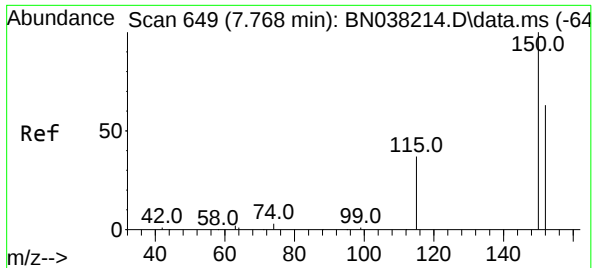
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120625\
Data File : BN038293.D
Acq On : 06 Dec 2025 03:21
Operator : RC/JU
Sample : Q3756-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-04-12-120225

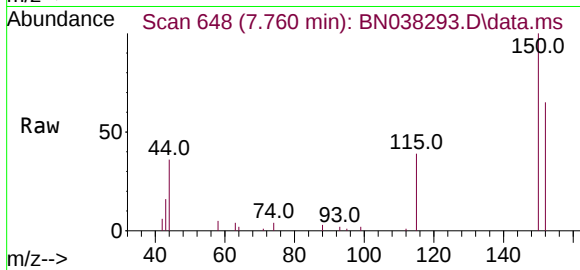
Quant Time: Dec 06 05:25:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 28 21:04:10 2025
Response via : Initial Calibration



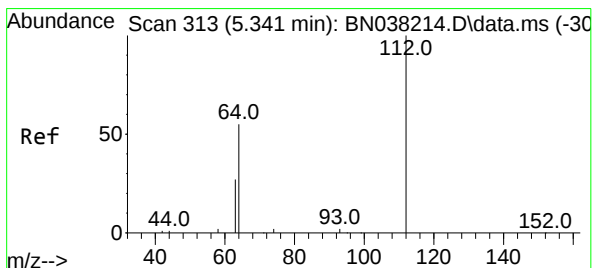
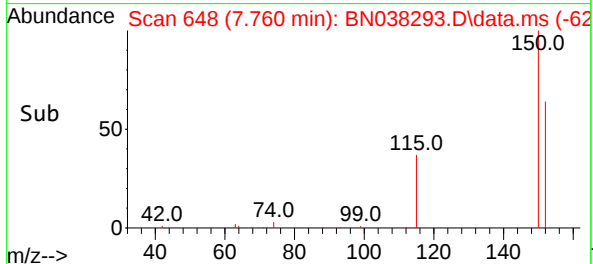
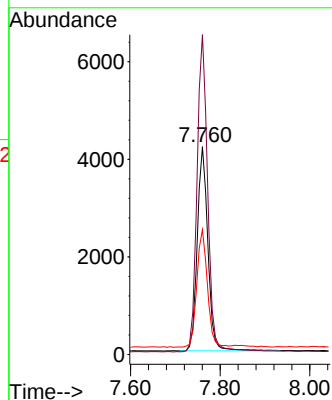


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.760 min Scan# 649
Delta R.T. -0.008 min
Lab File: BN038293.D
Acq: 06 Dec 2025 03:21

Instrument :
BNA_N
ClientSampleId :
MW-04-12-120225

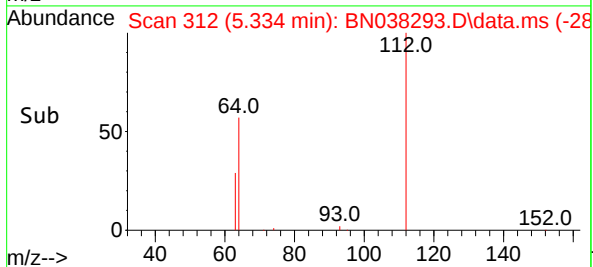
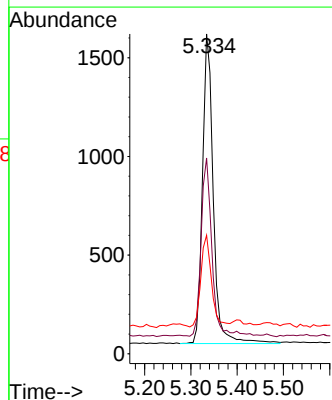
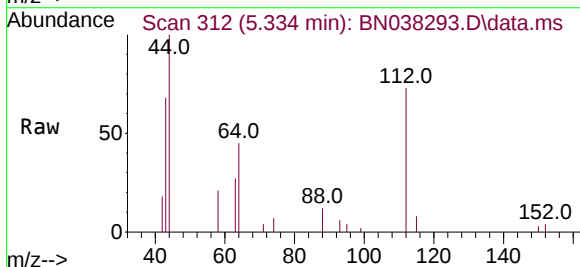


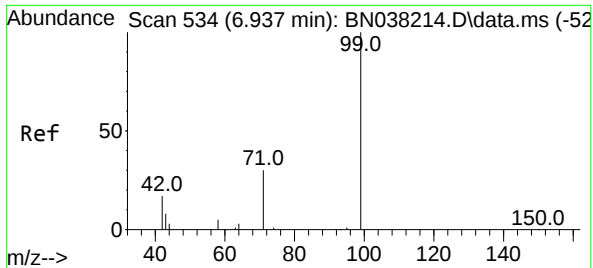
Tgt Ion:152 Resp: 6896
Ion Ratio Lower Upper
152 100
150 154.0 125.3 187.9
115 60.1 49.0 73.4



#4
2-Fluorophenol
Concen: 0.158 ng
RT: 5.334 min Scan# 312
Delta R.T. -0.007 min
Lab File: BN038293.D
Acq: 06 Dec 2025 03:21

Tgt Ion:112 Resp: 2540
Ion Ratio Lower Upper
112 100
64 56.0 45.0 67.4
63 29.4 23.2 34.8

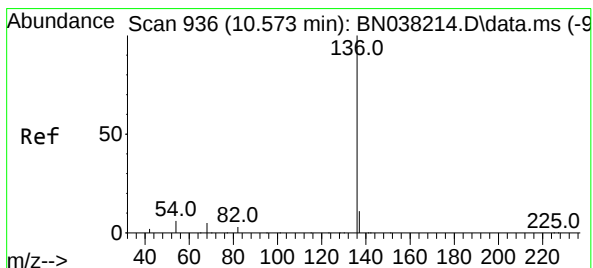
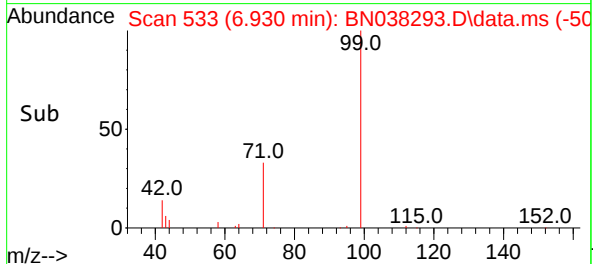
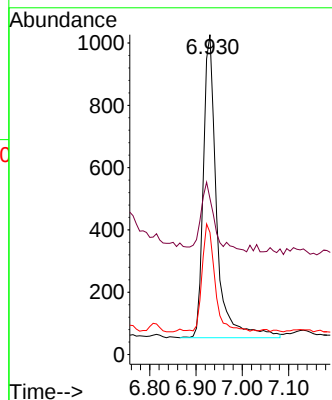
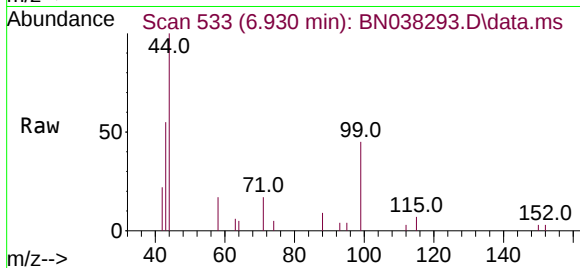




#5
Phenol-d6
Concen: 0.097 ng
RT: 6.930 min Scan# 531
Delta R.T. -0.007 min
Lab File: BN038293.D
Acq: 06 Dec 2025 03:21

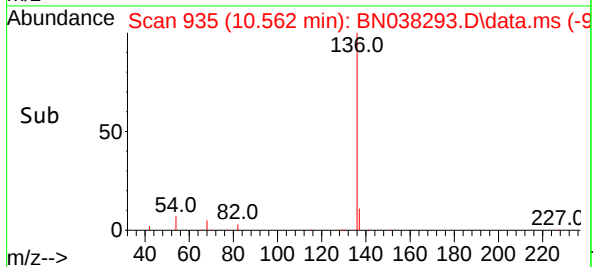
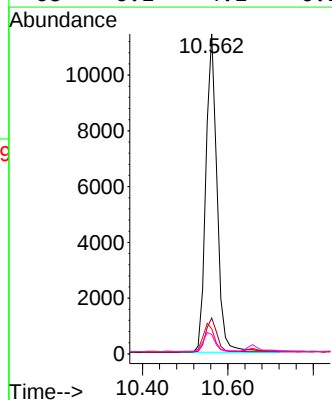
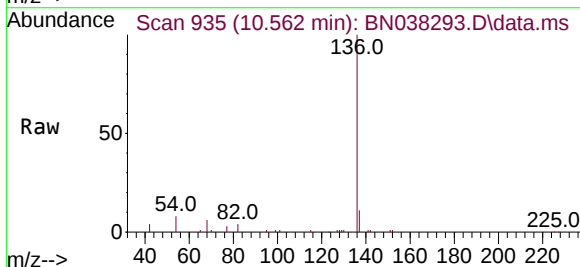
Instrument :
BNA_N
ClientSampleId :
MW-04-12-120225

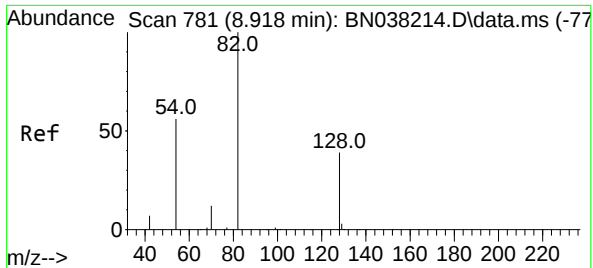
Tgt Ion:	99	Resp:	1950
Ion	Ratio	Lower	Upper
99	100		
42	17.8	17.0	25.6
71	33.3	25.4	38.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.562 min Scan# 935
Delta R.T. -0.011 min
Lab File: BN038293.D
Acq: 06 Dec 2025 03:21

Tgt Ion:	136	Resp:	20829
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.8	5.4	8.0
68	6.1	4.1	6.1

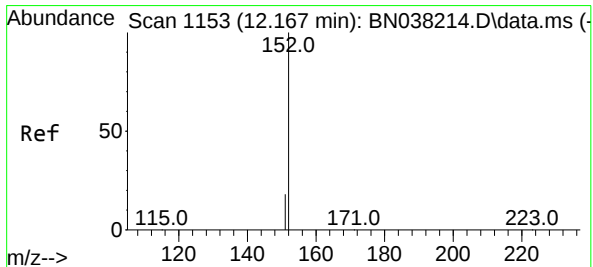
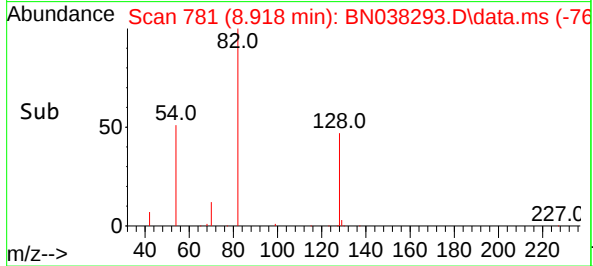
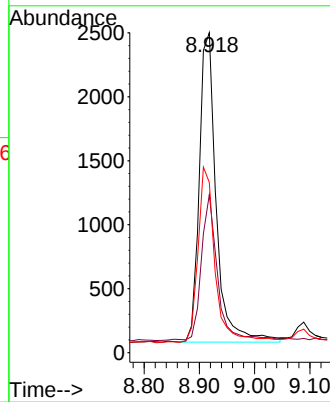
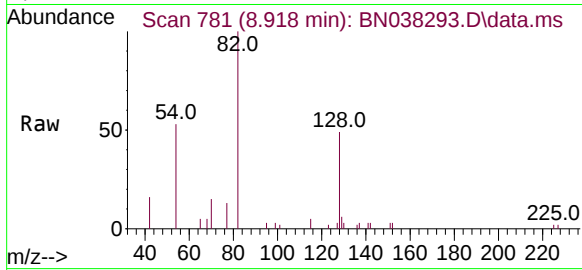




#8
Nitrobenzene-d5
Concen: 0.309 ng
RT: 8.918 min Scan# 781
Delta R.T. 0.000 min
Lab File: BN038293.D
Acq: 06 Dec 2025 03:21

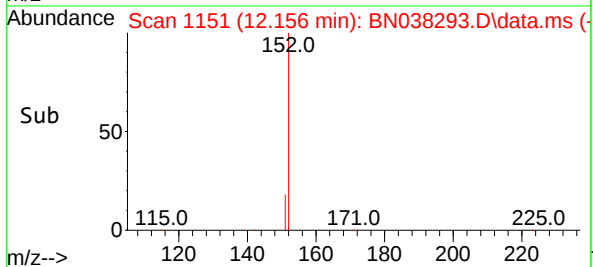
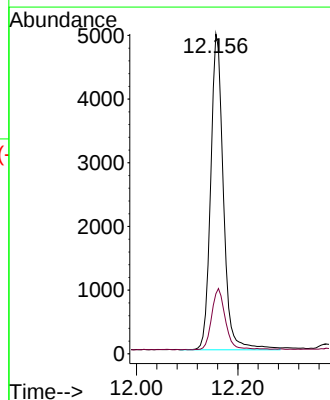
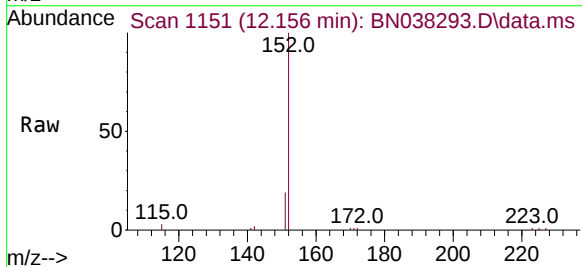
Instrument :
BNA_N
ClientSampleId :
MW-04-12-120225

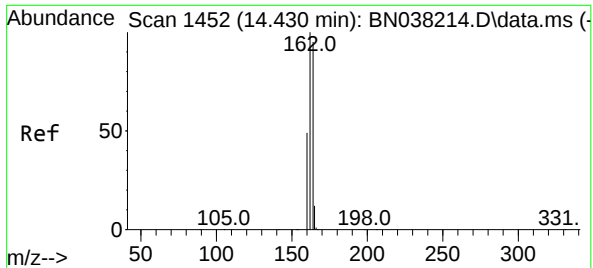
Tgt Ion:	82	Resp:	5152
Ion	Ratio	Lower	Upper
82	100		
128	49.4	32.6	48.8#
54	53.2	45.4	68.0



#11
2-Methylnaphthalene-d10
Concen: 0.294 ng
RT: 12.156 min Scan# 1151
Delta R.T. -0.010 min
Lab File: BN038293.D
Acq: 06 Dec 2025 03:21

Tgt Ion:	152	Resp:	8679
Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.7	25.1

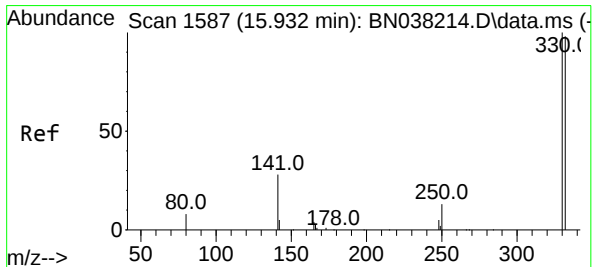
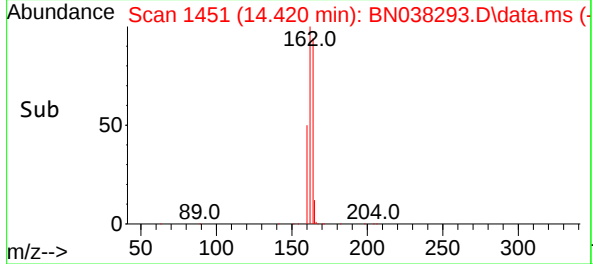
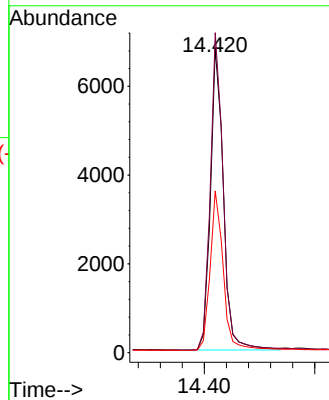
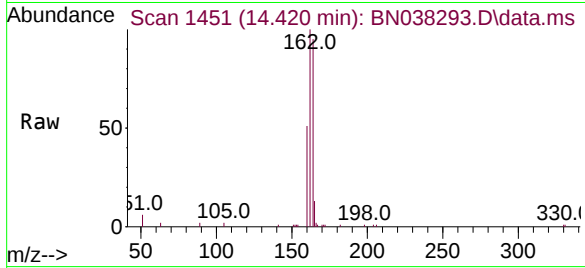




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.420 min Scan# 1452
Delta R.T. -0.011 min
Lab File: BN038293.D
Acq: 06 Dec 2025 03:21

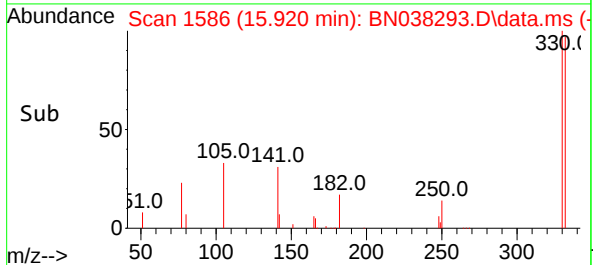
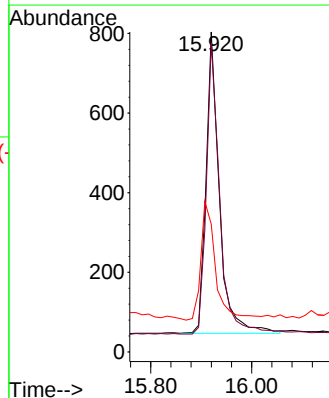
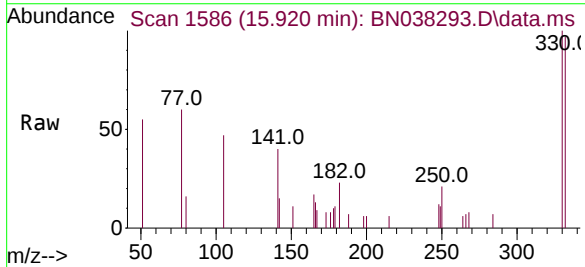
Instrument :
BNA_N
ClientSampleId :
MW-04-12-120225

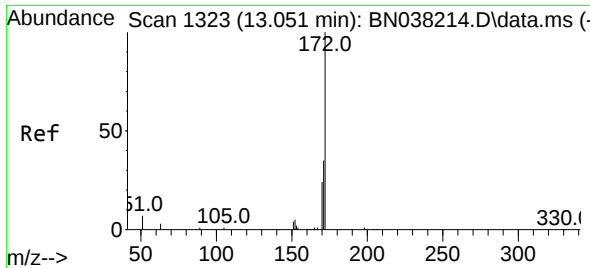
Tgt Ion:	164	Resp:	11092
Ion Ratio	Lower	Upper	
164	100		
162	105.2	83.8	125.8
160	53.1	41.6	62.4



#14
2,4,6-Tribromophenol
Concen: 0.396 ng
RT: 15.920 min Scan# 1586
Delta R.T. -0.012 min
Lab File: BN038293.D
Acq: 06 Dec 2025 03:21

Tgt Ion:	330	Resp:	1383
Ion Ratio	Lower	Upper	
330	100		
332	97.4	77.8	116.6
141	43.6	33.0	49.4

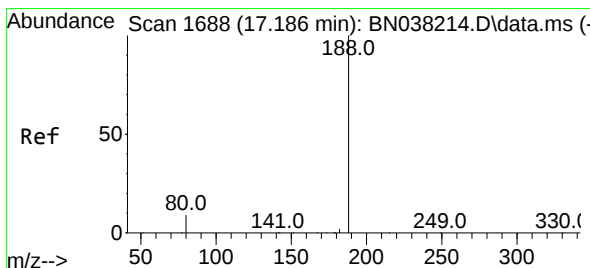
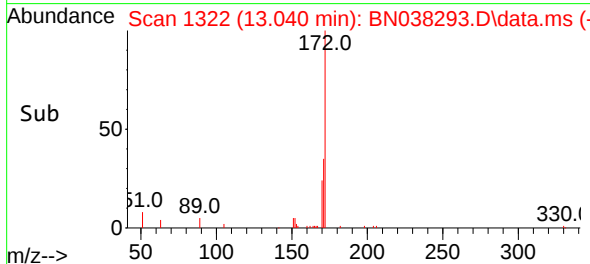
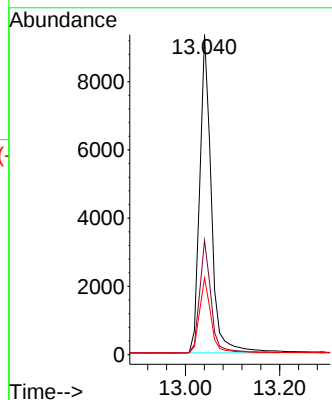
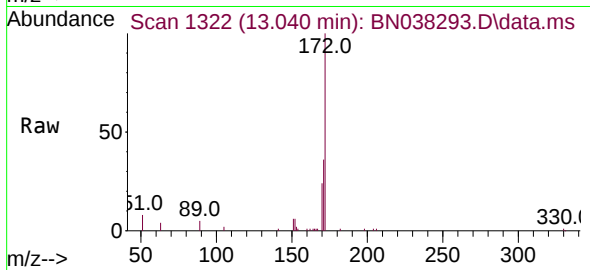




#15
2-Fluorobiphenyl
Concen: 0.338 ng
RT: 13.040 min Scan# 1323
Delta R.T. -0.011 min
Lab File: BN038293.D
Acq: 06 Dec 2025 03:21

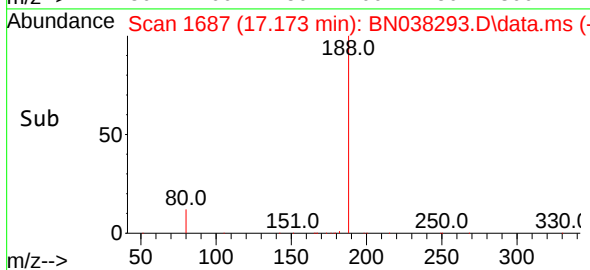
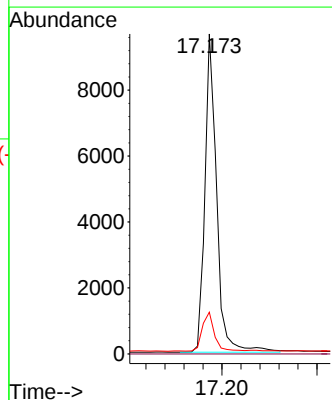
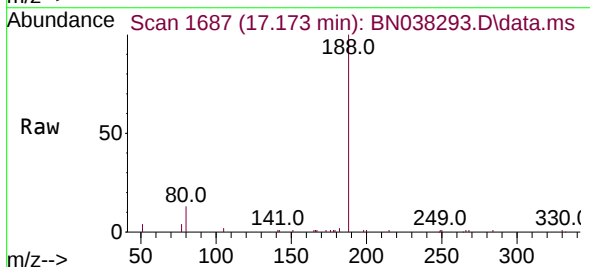
Instrument :
BNA_N
ClientSampleId :
MW-04-12-120225

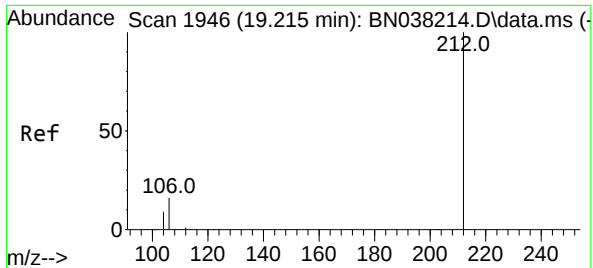
Tgt Ion:	172	Resp:	14466
Ion Ratio	Lower	Upper	
172	100		
171	35.7	28.1	42.1
170	24.0	19.1	28.7



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.173 min Scan# 1687
Delta R.T. -0.012 min
Lab File: BN038293.D
Acq: 06 Dec 2025 03:21

Tgt Ion:	188	Resp:	16516
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	13.0	7.7	11.5





#27

Fluoranthene-d10

Concen: 0.374 ng

RT: 19.211 min Scan# 1945

Delta R.T. -0.005 min

Lab File: BN038293.D

Acq: 06 Dec 2025 03:21

Instrument :

BNA_N

ClientSampleId :

MW-04-12-120225

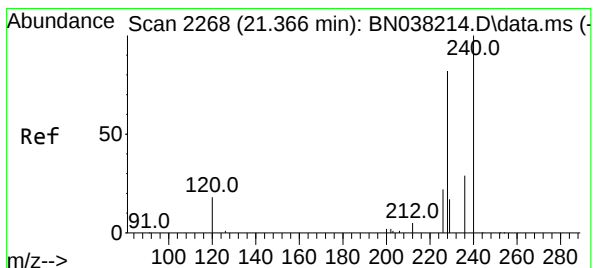
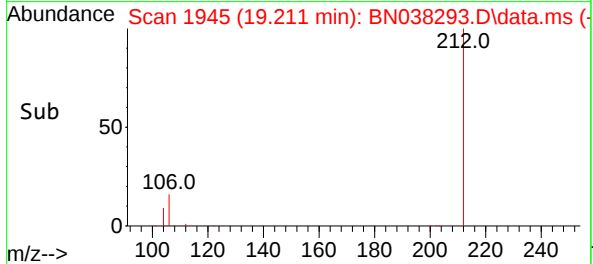
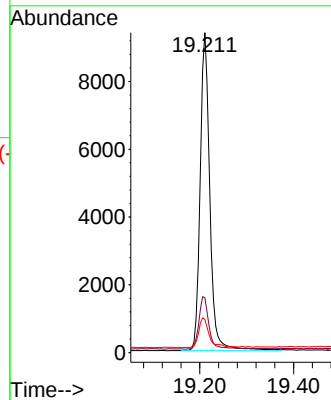
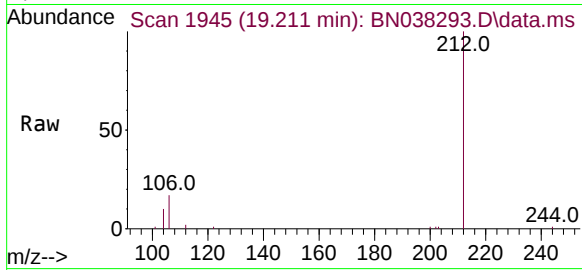
Tgt Ion:212 Resp: 13393

Ion Ratio Lower Upper

212 100

106 17.2 12.7 19.1

104 10.2 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: BN038293.D

Acq: 06 Dec 2025 03:21

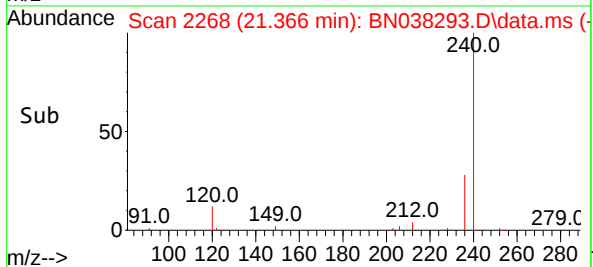
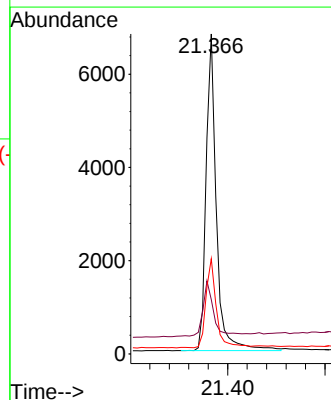
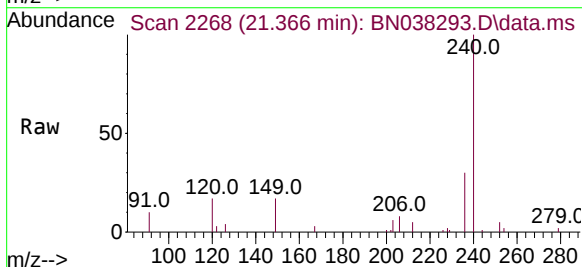
Tgt Ion:240 Resp: 9936

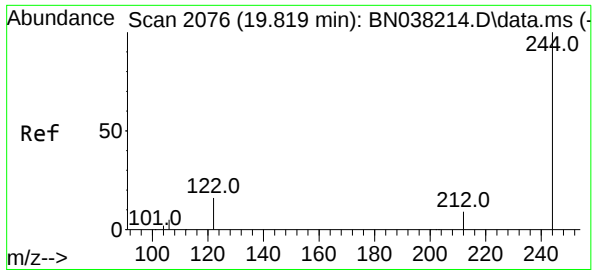
Ion Ratio Lower Upper

240 100

120 17.0 18.1 27.1#

236 29.7 24.2 36.4

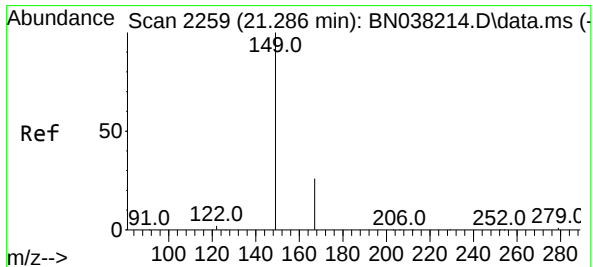
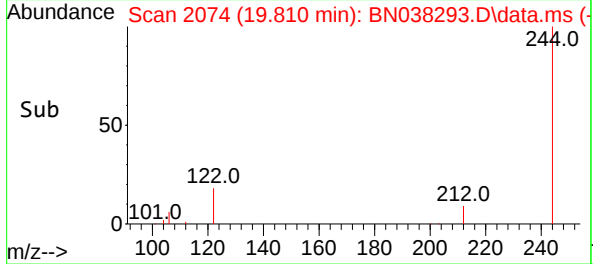
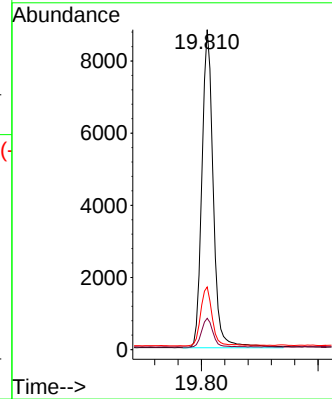
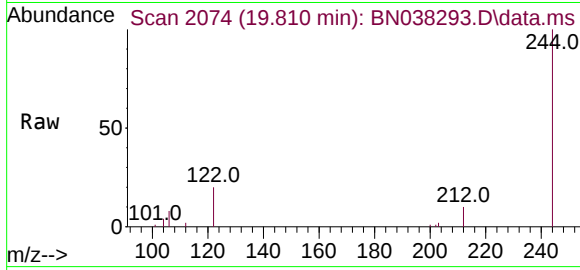




#31
Terphenyl-d14
Concen: 0.518 ng
RT: 19.810 min Scan# 2076
Delta R.T. -0.009 min
Lab File: BN038293.D
Acq: 06 Dec 2025 03:21

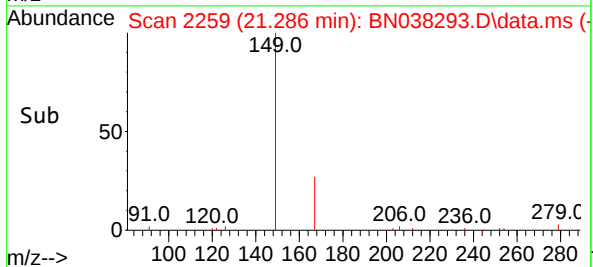
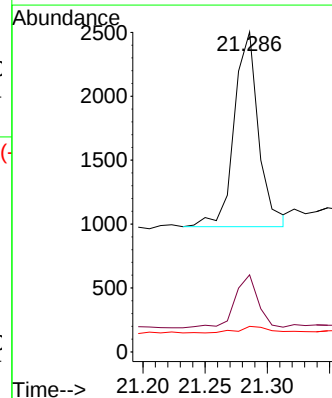
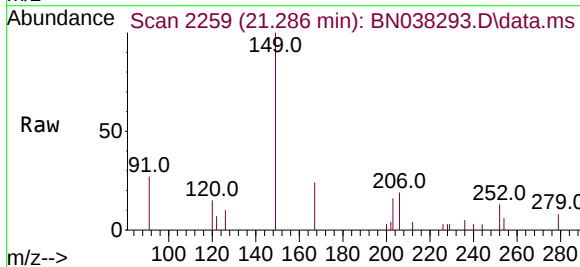
Instrument :
BNA_N
ClientSampleId :
MW-04-12-120225

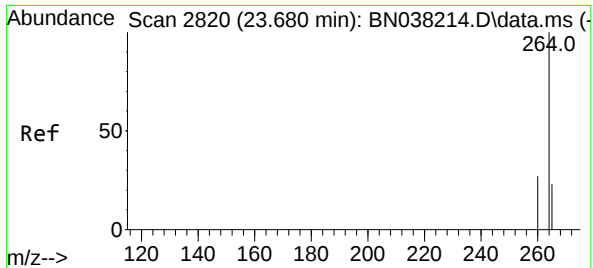
Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.8	7.7	11.5
122	19.6	13.6	20.4



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.113 ng
RT: 21.286 min Scan# 2259
Delta R.T. 0.000 min
Lab File: BN038293.D
Acq: 06 Dec 2025 03:21

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.8	20.7	31.1
279	5.1	2.5	3.7





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.671 min Scan# 2817

Delta R.T. -0.009 min

Lab File: BN038293.D

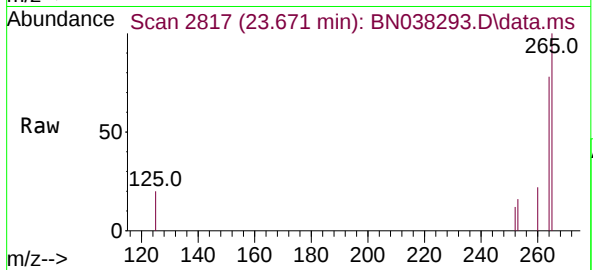
Acq: 06 Dec 2025 03:21

Instrument :

BNA_N

ClientSampleId :

MW-04-12-120225



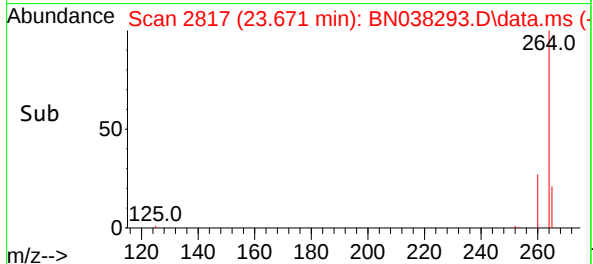
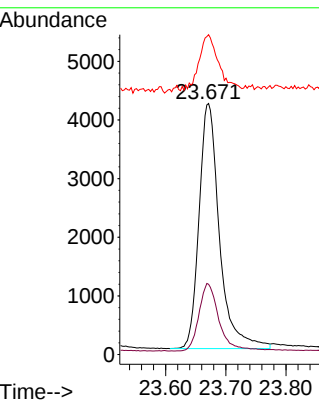
Tgt Ion:264 Resp: 9902

Ion Ratio Lower Upper

264 100

260 28.0 21.7 32.5

265 127.4 98.0 147.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120625\
 Data File : BN038294.D
 Acq On : 06 Dec 2025 03:58
 Operator : RC/JU
 Sample : Q3756-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-13B-47.5-120225

Manual Integrations APPROVED

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

Quant Time: Dec 06 05:26:16 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	7020	0.400	ng	0.00
7) Naphthalene-d8	10.562	136	21534	0.400	ng	-0.01
13) Acenaphthene-d10	14.420	164	11522	0.400	ng	-0.01
19) Phenanthrene-d10	17.173	188	17319	0.400	ng	#-0.01
29) Chrysene-d12	21.366	240	10242	0.400	ng	# 0.00
35) Perylene-d12	23.668	264	10445	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.334	112	2446	0.149	ng	0.00
5) Phenol-d6	6.930	99	1900	0.093	ng	0.00
8) Nitrobenzene-d5	8.907	82	5325	0.309	ng	-0.01
11) 2-Methylnaphthalene-d10	12.156	152	8984	0.294	ng	-0.01
14) 2,4,6-Tribromophenol	15.920	330	1744	0.481	ng	-0.01
15) 2-Fluorobiphenyl	13.040	172	14635	0.329	ng	-0.01
27) Fluoranthene-d10	19.211	212	12616	0.336	ng	0.00
31) Terphenyl-d14	19.810	244	10938	0.462	ng	0.00
Target Compounds						Qvalue
21) 4-Bromophenyl-phenylether	16.366	248	303	0.025	ng	# 80
24) Pentachlorophenol	16.826	266	220	0.054	ng	95
25) Phenanthrene	17.211	178	1664m	0.031	ng	
28) Fluoranthene	19.243	202	1431	0.027	ng	# 71
30) Pyrene	19.606	202	1342	0.026	ng	96
32) Benzo(a)anthracene	21.348	228	1081	0.031	ng	# 85
33) Chrysene	21.402	228	1156	0.028	ng	# 85
34) Bis(2-ethylhexyl)phtha...	21.286	149	4084	0.215	ng	# 99
36) Indeno(1,2,3-cd)pyrene	26.022	276	1497	0.031	ng	95
37) Benzo(b)fluoranthene	22.970	252	1334	0.031	ng	# 1
38) Benzo(k)fluoranthene	23.016	252	1179	0.026	ng	# 1
39) Benzo(a)pyrene	23.569	252	876	0.024	ng	# 1
40) Dibenzo(a,h)anthracene	26.034	278	1101	0.030	ng	# 17
41) Benzo(g,h,i)perylene	26.732	276	1358	0.031	ng	# 58

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

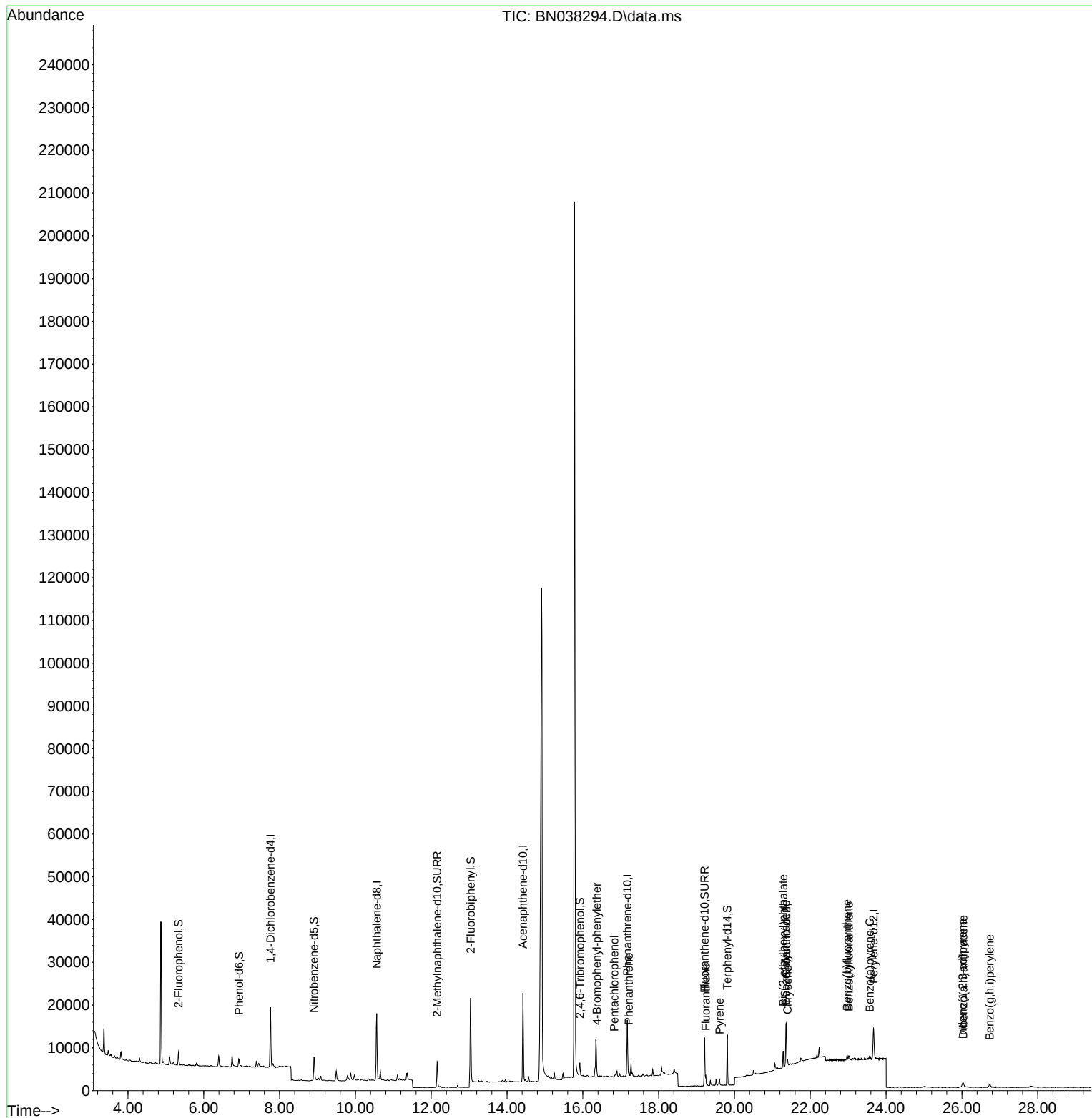
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Data File : BN038294.D
Acq On : 06 Dec 2025 03:58
Operator : RC/JU
Sample : Q3756-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

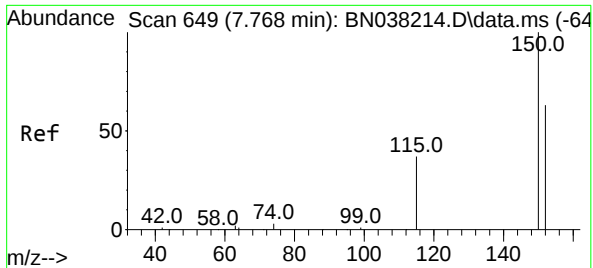
Instrument :
BNA_N
ClientSampleId :
MW-13B-47.5-120225

Manual Integrations
APPROVED

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

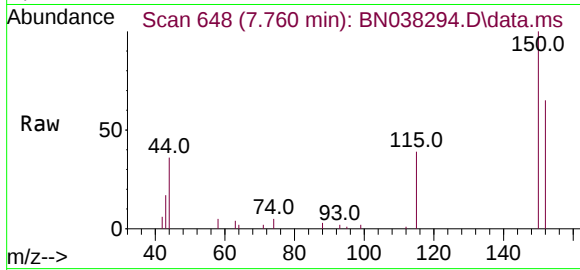
Quant Time: Dec 06 05:26:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 28 21:04:10 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.760 min Scan# 649
Delta R.T. -0.008 min
Lab File: BN038294.D
Acq: 06 Dec 2025 03:58

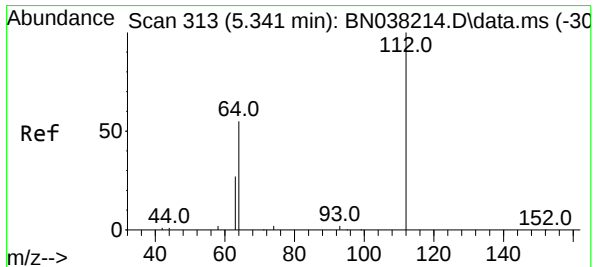
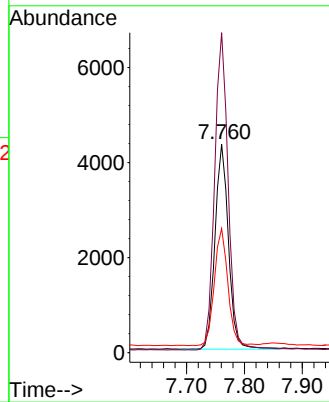
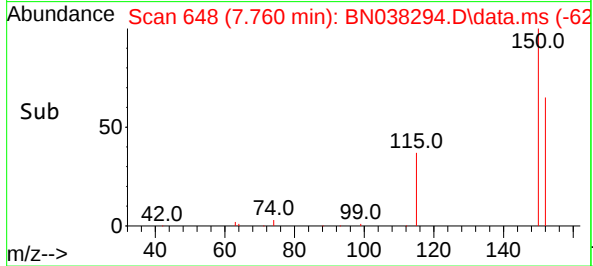
Instrument :
BNA_N
ClientSampleId :
MW-13B-47.5-120225



Tgt Ion:152 Resp: 7020
Ion Ratio Lower Upper
152 100
150 153.6 125.3 187.9
115 59.6 49.0 73.4

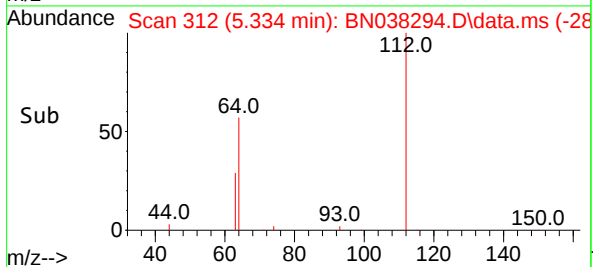
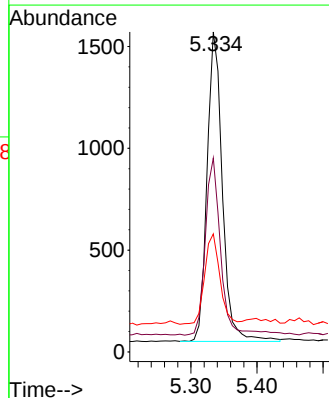
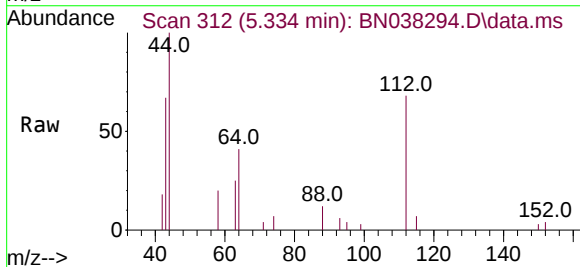
Manual Integrations
APPROVED

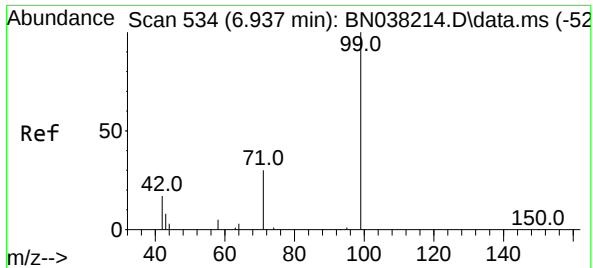
Reviewed By :Jagrut Upadhyay 12/08/2025
Supervised By :mohammad ahmed 12/09/2025



#4
2-Fluorophenol
Concen: 0.149 ng
RT: 5.334 min Scan# 312
Delta R.T. -0.007 min
Lab File: BN038294.D
Acq: 06 Dec 2025 03:58

Tgt Ion:112 Resp: 2446
Ion Ratio Lower Upper
112 100
64 58.1 45.0 67.4
63 29.8 23.2 34.8





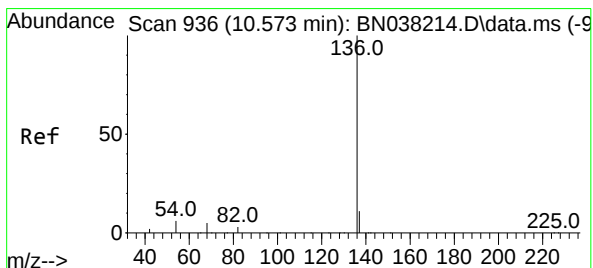
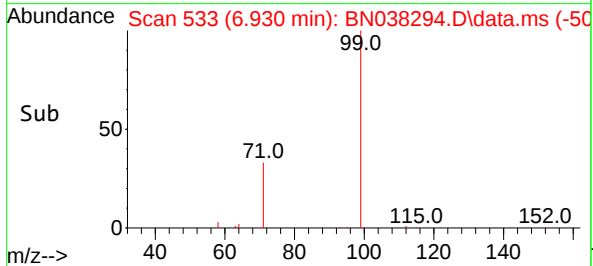
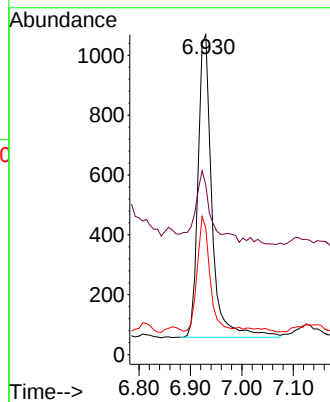
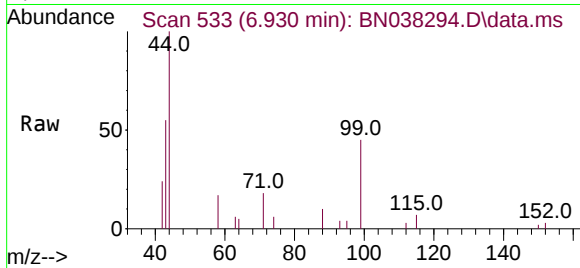
#5
Phenol-d6
Concen: 0.093 ng
RT: 6.930 min Scan# 531
Delta R.T. -0.007 min
Lab File: BN038294.D
Acq: 06 Dec 2025 03:58

Instrument :
BNA_N
ClientSampleId :
MW-13B-47.5-120225

Tgt Ion: 99 Resp: 1900
Ion Ratio Lower Upper
99 100
42 26.3 17.0 25.6
71 34.4 25.4 38.2

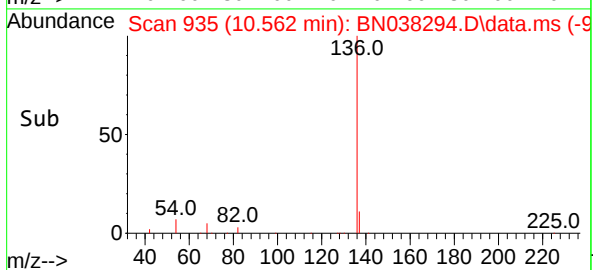
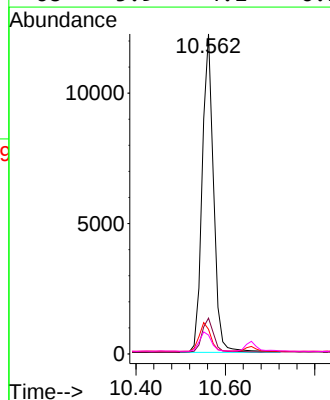
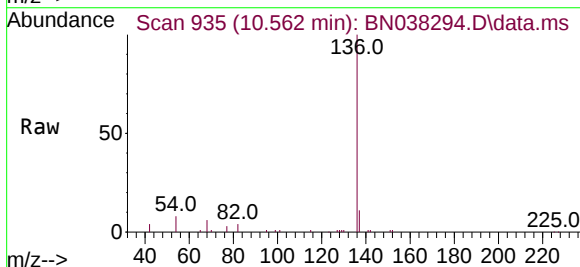
Manual Integrations
APPROVED

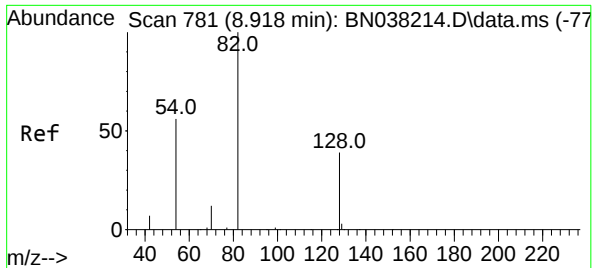
Reviewed By :Jagrut Upadhyay 12/08/2025
Supervised By :mohammad ahmed 12/09/2025



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.562 min Scan# 935
Delta R.T. -0.011 min
Lab File: BN038294.D
Acq: 06 Dec 2025 03:58

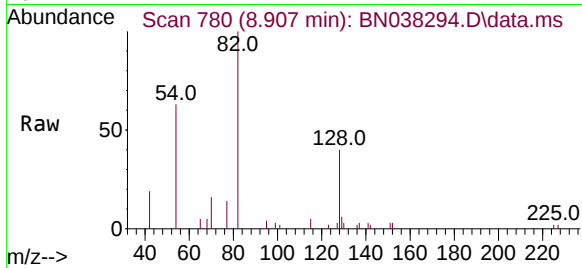
Tgt Ion:136 Resp: 21534
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 7.7 5.4 8.0
68 5.9 4.1 6.1





#8
Nitrobenzene-d5
Concen: 0.309 ng
RT: 8.907 min Scan# 781
Delta R.T. -0.011 min
Lab File: BN038294.D
Acq: 06 Dec 2025 03:58

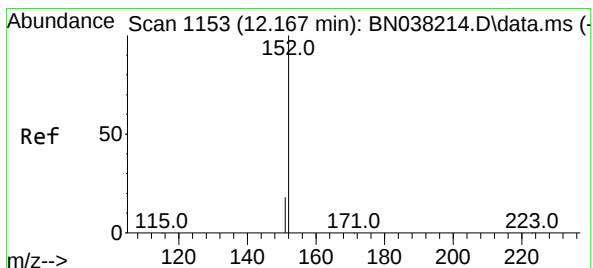
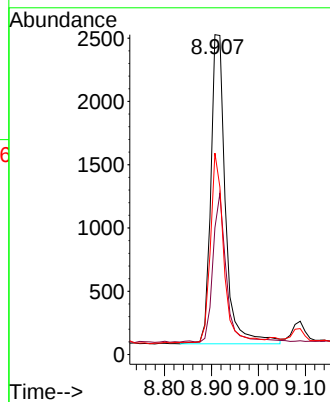
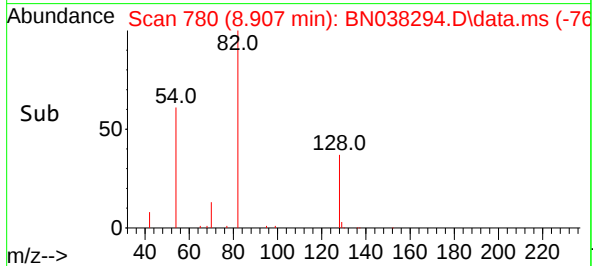
Instrument :
BNA_N
ClientSampleId :
MW-13B-47.5-120225



Tgt Ion: 82 Resp: 5325
Ion Ratio Lower Upper
82 100
128 39.6 32.6 48.8
54 63.0 45.4 68.0

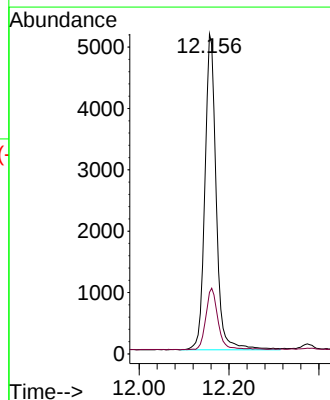
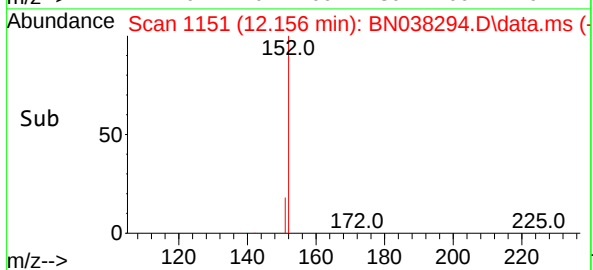
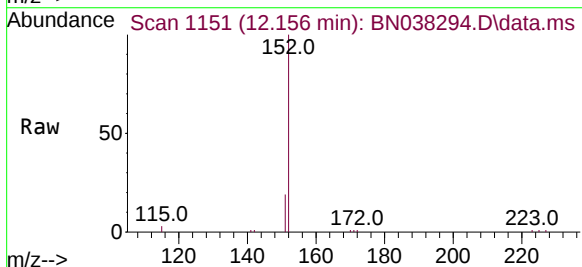
Manual Integrations
APPROVED

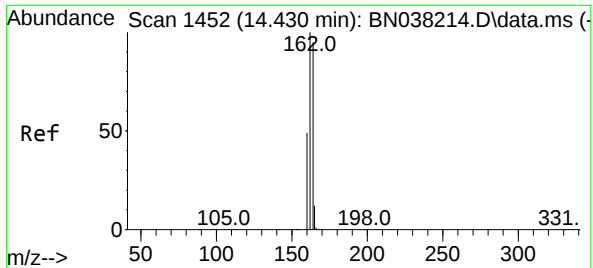
Reviewed By :Jagrut Upadhyay 12/08/2025
Supervised By :mohammad ahmed 12/09/2025



#11
2-Methylnaphthalene-d10
Concen: 0.294 ng
RT: 12.156 min Scan# 1151
Delta R.T. -0.010 min
Lab File: BN038294.D
Acq: 06 Dec 2025 03:58

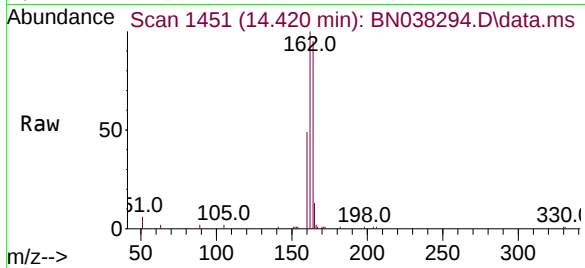
Tgt Ion:152 Resp: 8984
Ion Ratio Lower Upper
152 100
151 21.1 16.7 25.1





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.420 min Scan# 1452
Delta R.T. -0.011 min
Lab File: BN038294.D
Acq: 06 Dec 2025 03:58

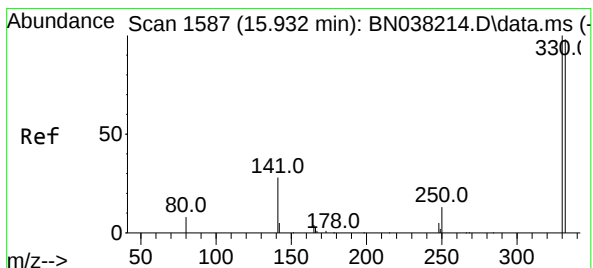
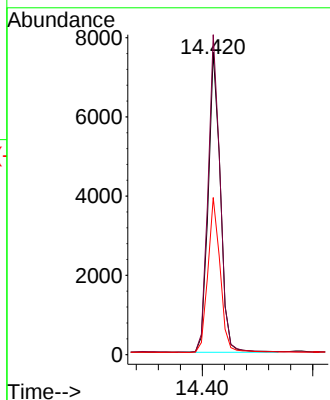
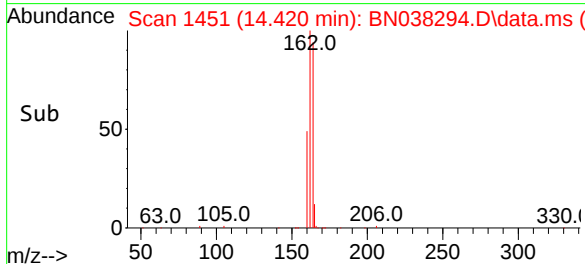
Instrument :
BNA_N
ClientSampleId :
MW-13B-47.5-120225



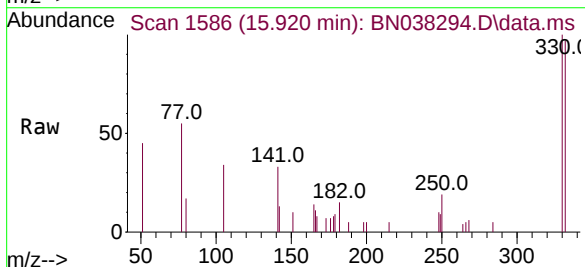
Tgt Ion:164 Resp: 1152
Ion Ratio Lower Upper
164 100
162 105.8 83.8 125.8
160 51.9 41.6 62.4

Manual Integrations
APPROVED

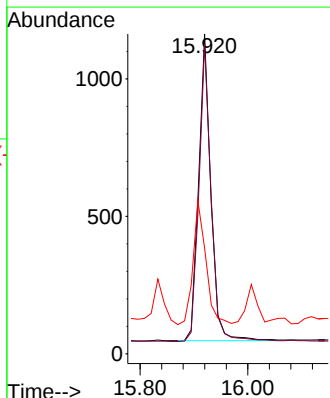
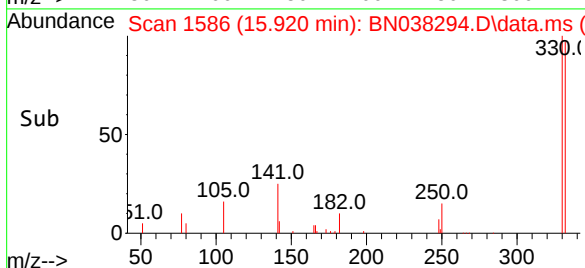
Reviewed By :Jagrut Upadhyay 12/08/2025
Supervised By :mohammad ahmed 12/09/2025

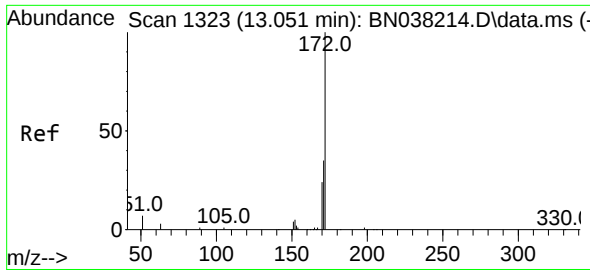


#14
2,4,6-Tribromophenol
Concen: 0.481 ng
RT: 15.920 min Scan# 1586
Delta R.T. -0.012 min
Lab File: BN038294.D
Acq: 06 Dec 2025 03:58



Tgt Ion:330 Resp: 1744
Ion Ratio Lower Upper
330 100
332 97.4 77.8 116.6
141 42.9 33.0 49.4





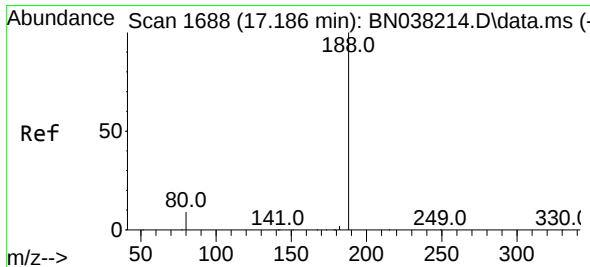
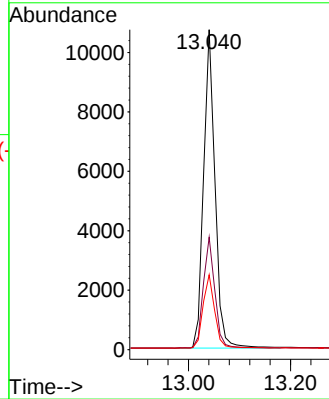
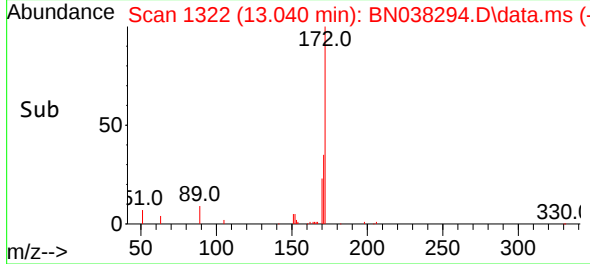
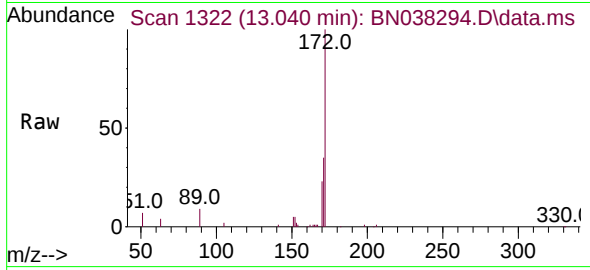
#15
2-Fluorobiphenyl
Concen: 0.329 ng
RT: 13.040 min Scan# 1323
Delta R.T. -0.011 min
Lab File: BN038294.D
Acq: 06 Dec 2025 03:58

Instrument :
BNA_N
ClientSampleId :
MW-13B-47.5-120225

Tgt Ion:172 Resp: 14635
Ion Ratio Lower Upper
172 100
171 35.1 28.1 42.1
170 23.4 19.1 28.7

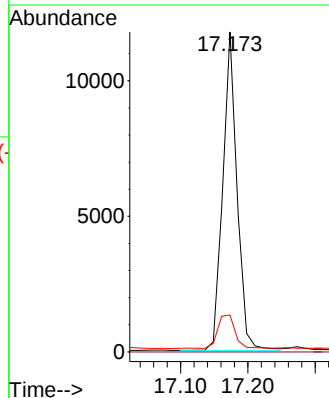
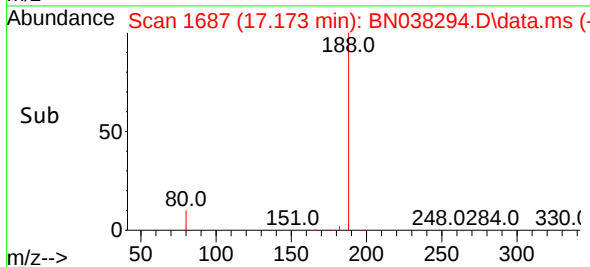
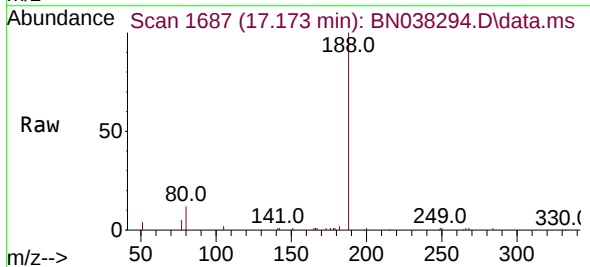
Manual Integrations
APPROVED

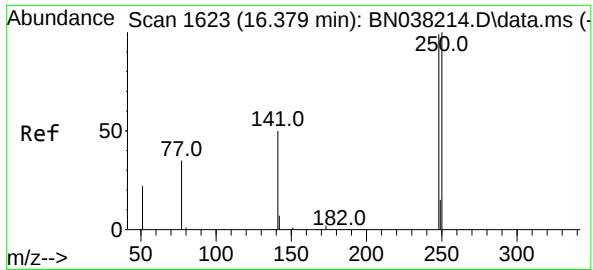
Reviewed By :Jagrut Upadhyay 12/08/2025
Supervised By :mohammad ahmed 12/09/2025



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.173 min Scan# 1687
Delta R.T. -0.012 min
Lab File: BN038294.D
Acq: 06 Dec 2025 03:58

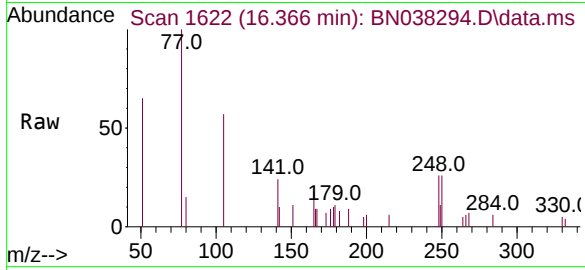
Tgt Ion:188 Resp: 17319
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.5 7.7 11.5





#21
4-Bromophenyl-phenylether
Concen: 0.025 ng
RT: 16.366 min Scan# 1622
Delta R.T. -0.012 min
Lab File: BN038294.D
Acq: 06 Dec 2025 03:58

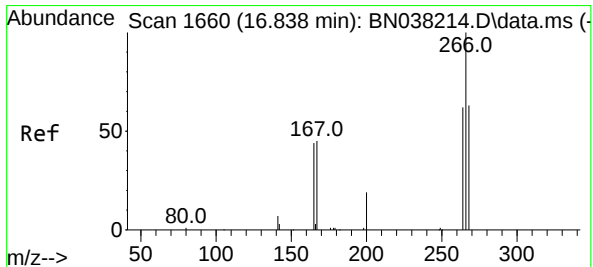
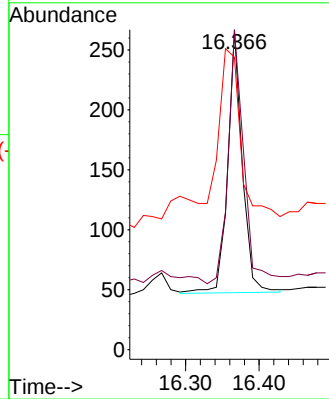
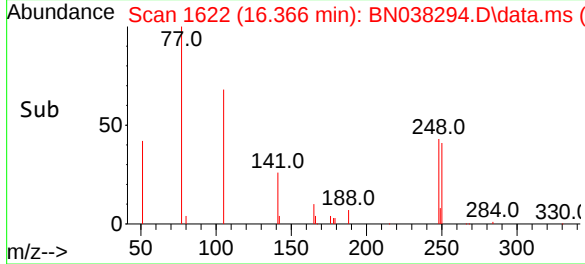
Instrument :
BNA_N
ClientSampleId :
MW-13B-47.5-120225



Tgt Ion:248 Resp: 303
Ion Ratio Lower Upper
248 100
250 100.4 80.8 121.2
141 91.7 41.0 61.6

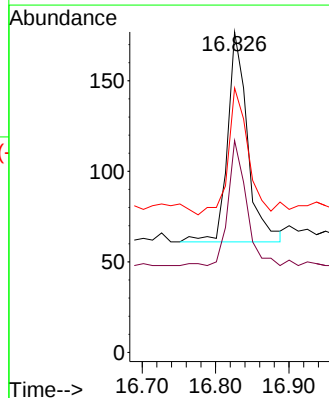
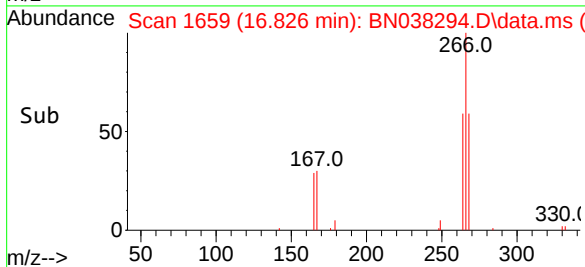
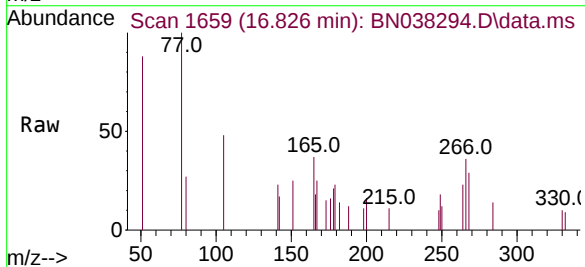
Manual Integrations
APPROVED

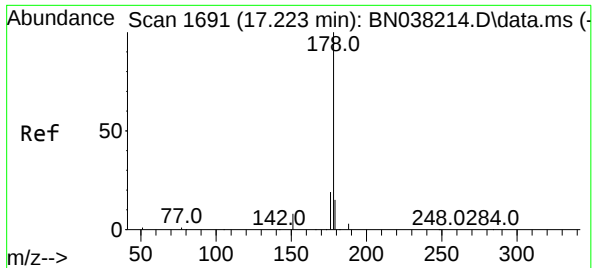
Reviewed By :Jagrut Upadhyay 12/08/2025
Supervised By :mohammad ahmed 12/09/2025



#24
Pentachlorophenol
Concen: 0.054 ng
RT: 16.826 min Scan# 1659
Delta R.T. -0.012 min
Lab File: BN038294.D
Acq: 06 Dec 2025 03:58

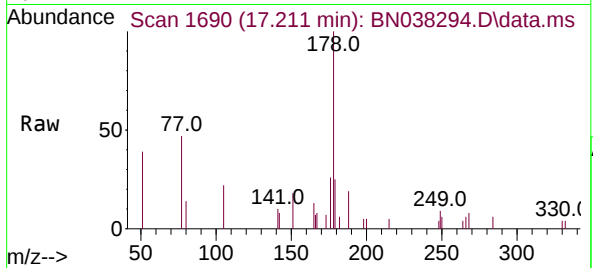
Tgt Ion:266 Resp: 220
Ion Ratio Lower Upper
266 100
264 56.4 48.9 73.3
268 59.5 50.2 75.2





#25
Phenanthrene
Concen: 0.031 ng m
RT: 17.211 min Scan# 1691
Delta R.T. -0.012 min
Lab File: BN038294.D
Acq: 06 Dec 2025 03:58

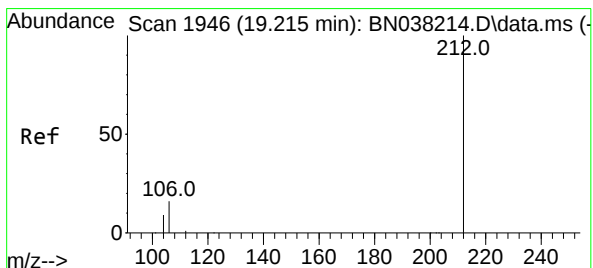
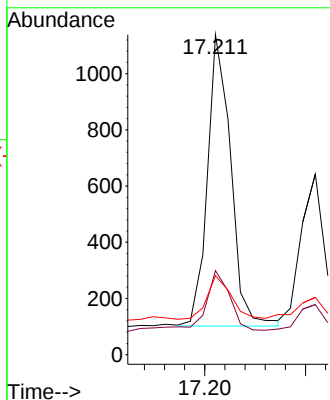
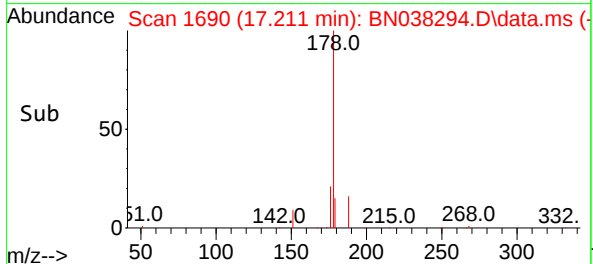
Instrument :
BNA_N
ClientSampleId :
MW-13B-47.5-120225



Tgt Ion:178 Resp: 1664
Ion Ratio Lower Upper
178 100
176 10.2 15.3 22.9
179 8.1 12.0 18.0

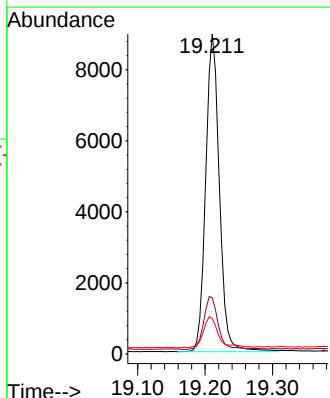
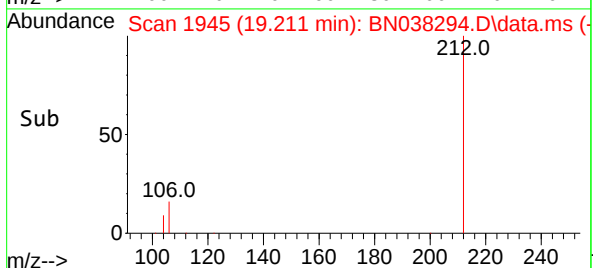
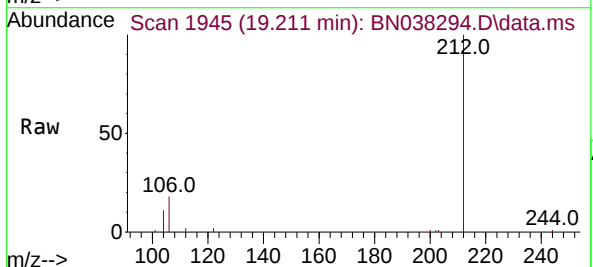
Manual Integrations
APPROVED

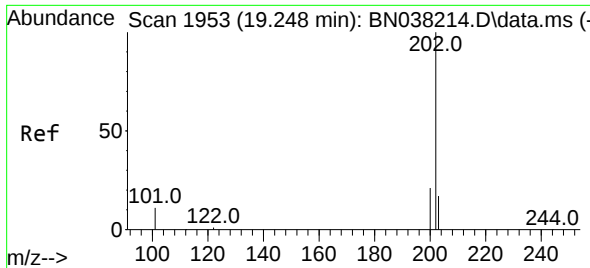
Reviewed By :Jagrut Upadhyay 12/08/2025
Supervised By :mohammad ahmed 12/09/2025



#27
Fluoranthene-d10
Concen: 0.336 ng
RT: 19.211 min Scan# 1945
Delta R.T. -0.005 min
Lab File: BN038294.D
Acq: 06 Dec 2025 03:58

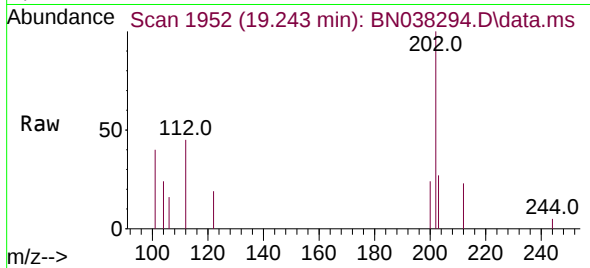
Tgt Ion:212 Resp: 12616
Ion Ratio Lower Upper
212 100
106 17.7 12.7 19.1
104 10.7 7.3 10.9





#28
Fluoranthene
Concen: 0.027 ng
RT: 19.243 min Scan# 1953
Delta R.T. -0.005 min
Lab File: BN038294.D
Acq: 06 Dec 2025 03:58

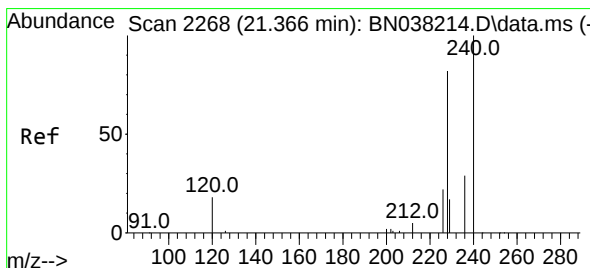
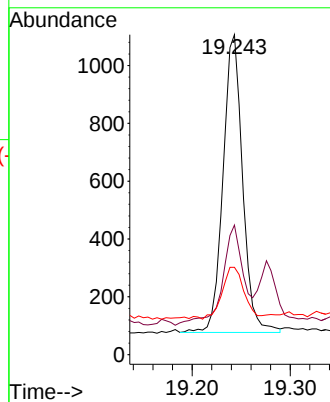
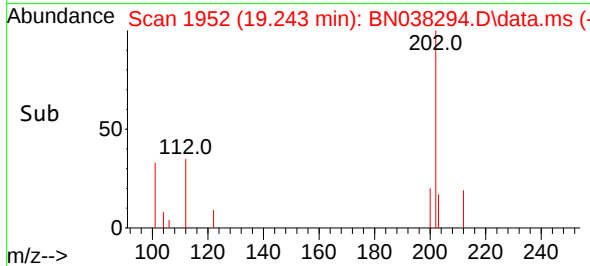
Instrument :
BNA_N
ClientSampleId :
MW-13B-47.5-120225



Tgt Ion:202 Resp: 1431
Ion Ratio Lower Upper
202 100
101 36.2 9.8 14.6
203 19.5 13.6 20.4

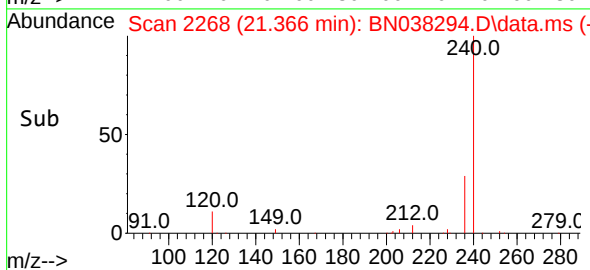
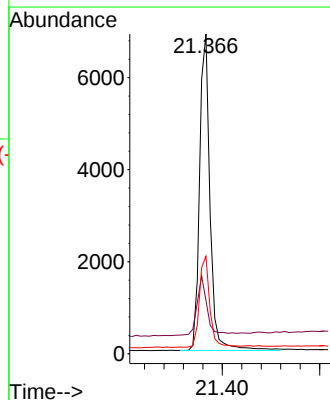
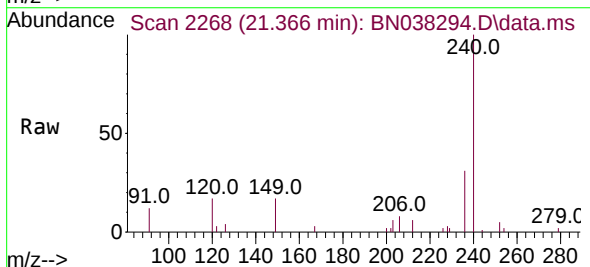
Manual Integrations
APPROVED

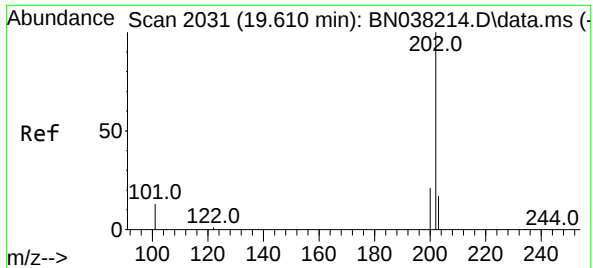
Reviewed By :Jagrut Upadhyay 12/08/2025
Supervised By :mohammad ahmed 12/09/2025



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.366 min Scan# 2268
Delta R.T. 0.000 min
Lab File: BN038294.D
Acq: 06 Dec 2025 03:58

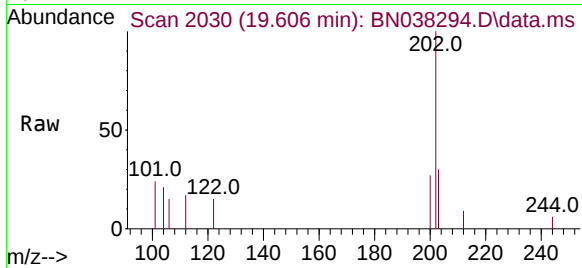
Tgt Ion:240 Resp: 10242
Ion Ratio Lower Upper
240 100
120 16.7 18.1 27.1#
236 30.5 24.2 36.4





#30
Pyrene
Concen: 0.026 ng
RT: 19.606 min Scan# 2031
Delta R.T. -0.005 min
Lab File: BN038294.D
Acq: 06 Dec 2025 03:58

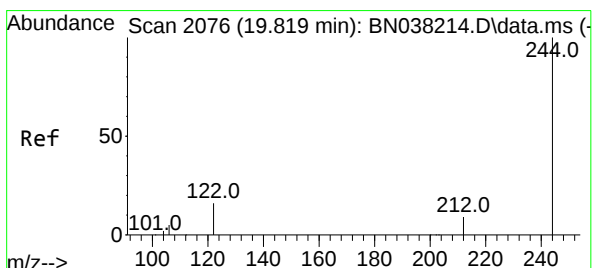
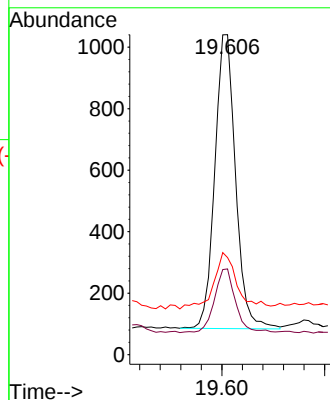
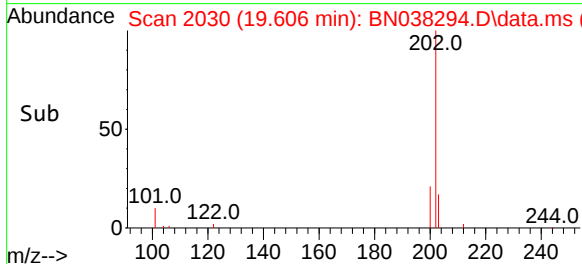
Instrument :
BNA_N
ClientSampleId :
MW-13B-47.5-120225



Tgt Ion:202 Resp: 1342
Ion Ratio Lower Upper
202 100
200 21.2 16.8 25.2
203 21.5 14.4 21.6

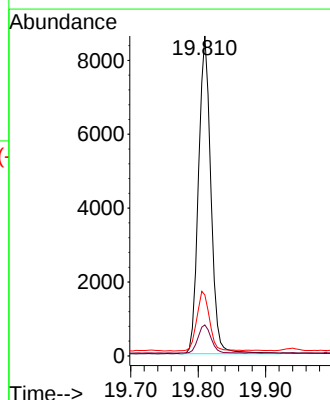
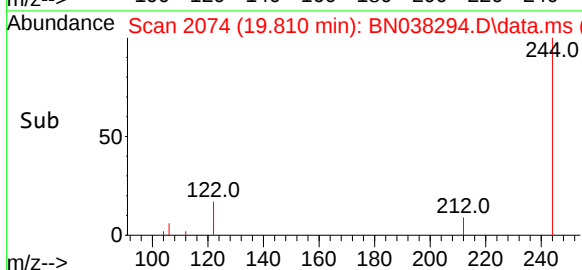
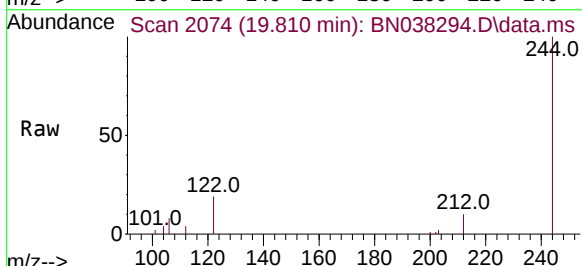
Manual Integrations
APPROVED

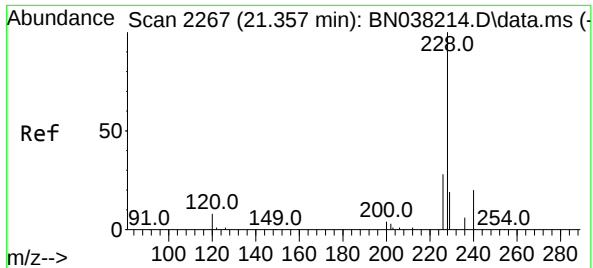
Reviewed By :Jagrut Upadhyay 12/08/2025
Supervised By :mohammad ahmed 12/09/2025



#31
Terphenyl-d14
Concen: 0.462 ng
RT: 19.810 min Scan# 2074
Delta R.T. -0.009 min
Lab File: BN038294.D
Acq: 06 Dec 2025 03:58

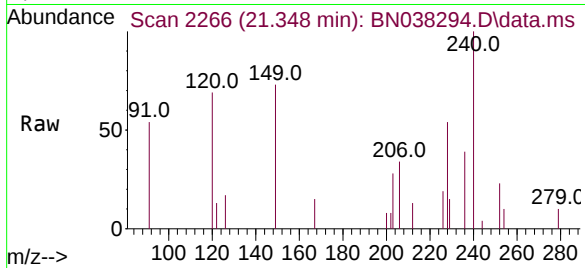
Tgt Ion:244 Resp: 10938
Ion Ratio Lower Upper
244 100
212 9.7 7.7 11.5
122 19.0 13.6 20.4





#32
Benzo(a)anthracene
Concen: 0.031 ng
RT: 21.348 min Scan# 2266
Delta R.T. -0.009 min
Lab File: BN038294.D
Acq: 06 Dec 2025 03:58

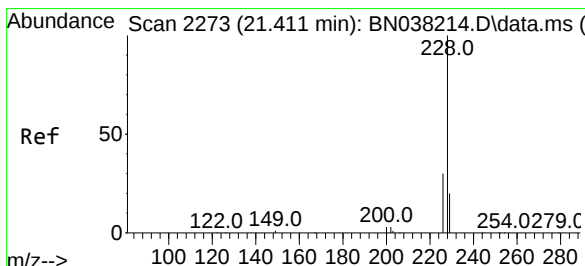
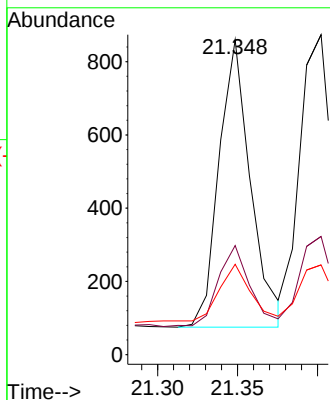
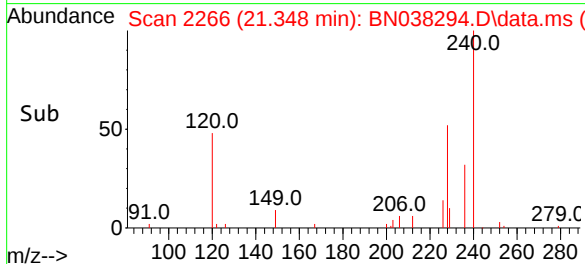
Instrument : BNA_N
ClientSampleId : MW-13B-47.5-120225



Tgt Ion:228 Resp: 1081
Ion Ratio Lower Upper
228 100
226 34.7 22.6 33.8#
229 28.7 15.8 23.8#

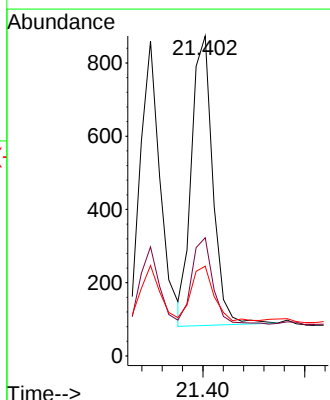
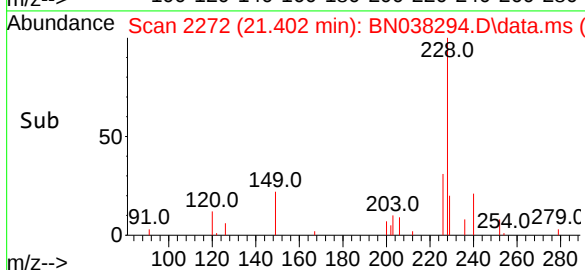
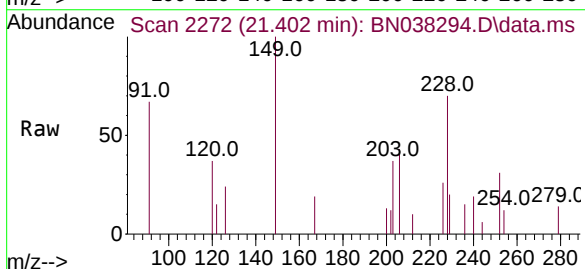
Manual Integrations
APPROVED

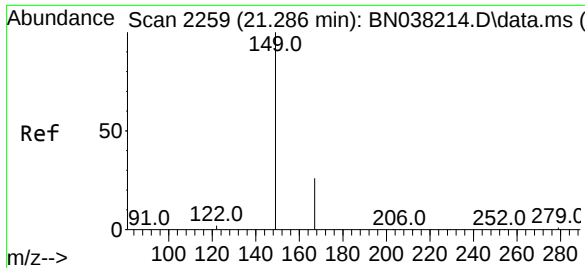
Reviewed By :Jagrut Upadhyay 12/08/2025
Supervised By :mohammad ahmed 12/09/2025



#33
Chrysene
Concen: 0.028 ng
RT: 21.402 min Scan# 2272
Delta R.T. -0.009 min
Lab File: BN038294.D
Acq: 06 Dec 2025 03:58

Tgt Ion:228 Resp: 1156
Ion Ratio Lower Upper
228 100
226 37.0 23.8 35.8#
229 28.0 16.1 24.1#





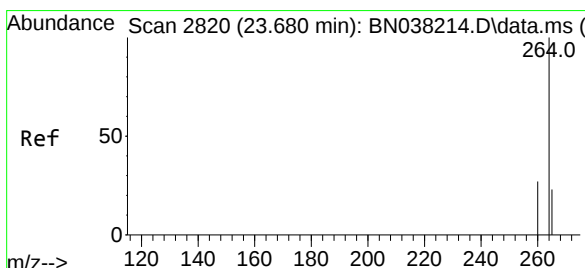
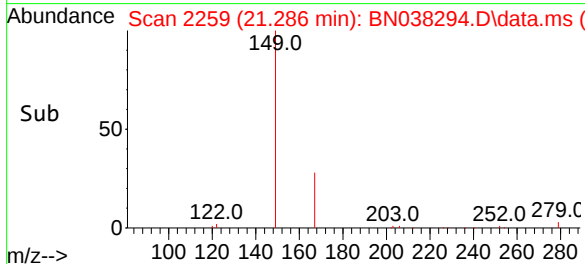
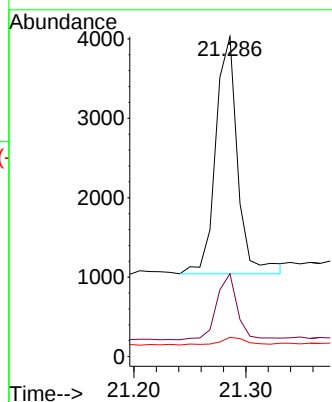
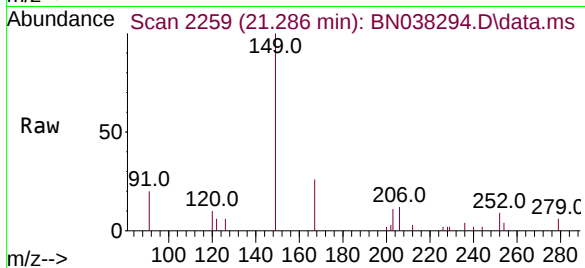
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.215 ng
RT: 21.286 min Scan# 211
Delta R.T. 0.000 min
Lab File: BN038294.D
Acq: 06 Dec 2025 03:58

Instrument :
BNA_N
ClientSampleId :
MW-13B-47.5-120225

Tgt Ion:149 Resp: 4084
Ion Ratio Lower Upper
149 100
167 26.1 20.7 31.1
279 4.0 2.5 3.7

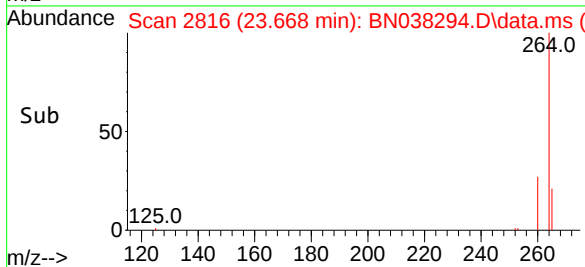
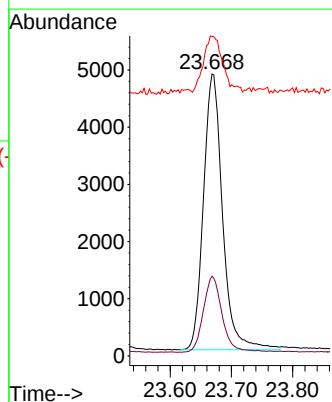
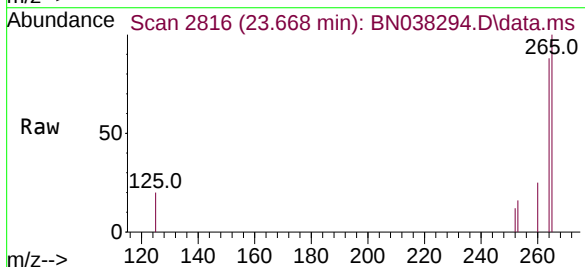
Manual Integrations
APPROVED

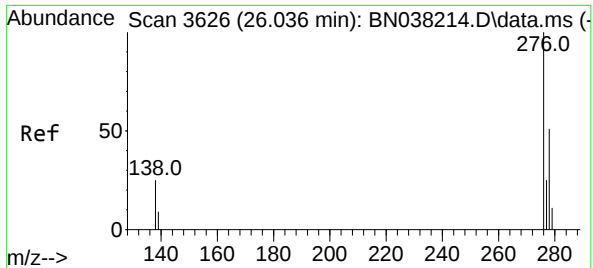
Reviewed By :Jagrut Upadhyay 12/08/2025
Supervised By :mohammad ahmed 12/09/2025



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.668 min Scan# 2816
Delta R.T. -0.012 min
Lab File: BN038294.D
Acq: 06 Dec 2025 03:58

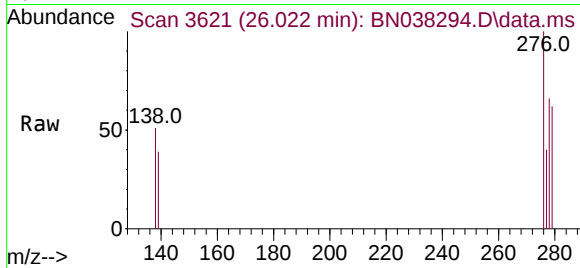
Tgt Ion:264 Resp: 10445
Ion Ratio Lower Upper
264 100
260 28.2 21.7 32.5
265 113.3 98.0 147.0





#36
Indeno(1,2,3-cd)pyrene
Concen: 0.031 ng
RT: 26.022 min Scan# 3626
Delta R.T. -0.015 min
Lab File: BN038294.D
Acq: 06 Dec 2025 03:58

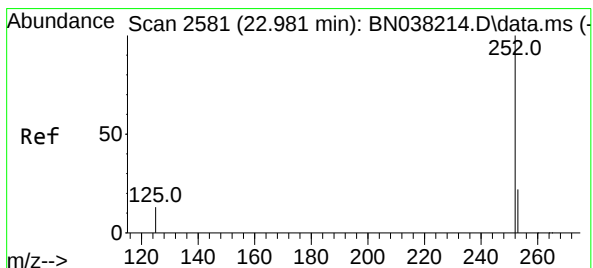
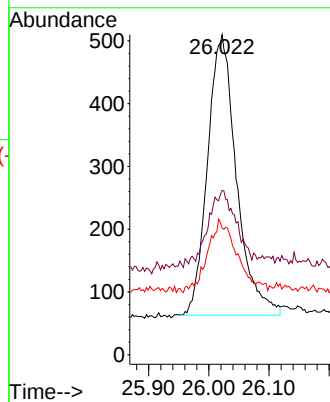
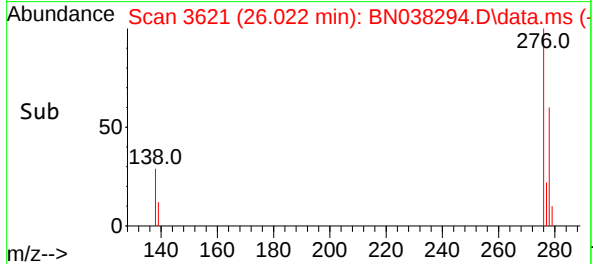
Instrument :
BNA_N
ClientSampleId :
MW-13B-47.5-120225



Tgt Ion: 276 Resp: 1497
Ion Ratio Lower Upper
276 100
138 24.0 21.4 32.2
277 25.7 19.1 28.7

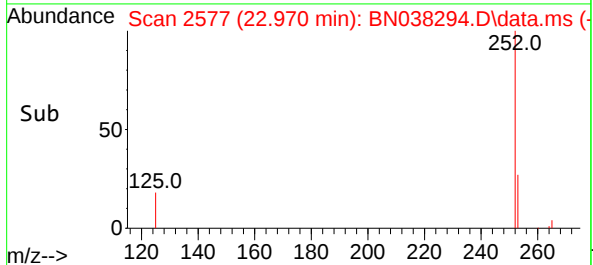
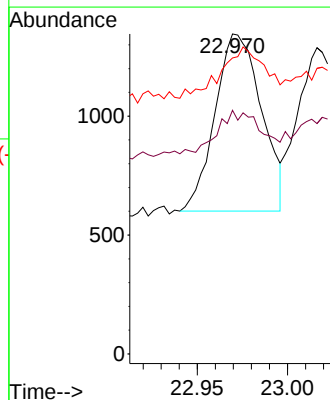
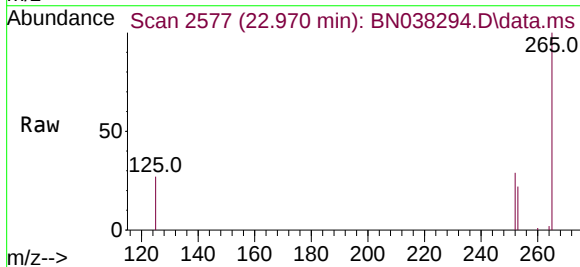
Manual Integrations
APPROVED

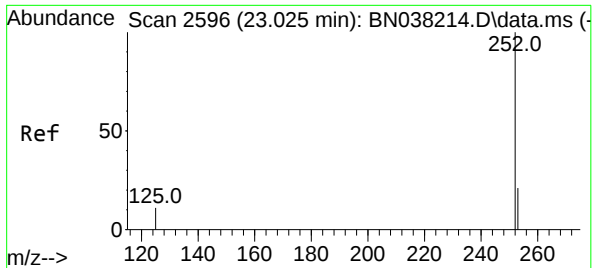
Reviewed By :Jagrut Upadhyay 12/08/2025
Supervised By :mohammad ahmed 12/09/2025



#37
Benzo(b)fluoranthene
Concen: 0.031 ng
RT: 22.970 min Scan# 2577
Delta R.T. -0.012 min
Lab File: BN038294.D
Acq: 06 Dec 2025 03:58

Tgt Ion: 252 Resp: 1334
Ion Ratio Lower Upper
252 100
253 76.2 22.2 33.4#
125 92.5 18.0 27.0#





#38

Benzo(k)fluoranthene

Concen: 0.026 ng

RT: 23.016 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN038294.D

Acq: 06 Dec 2025 03:58

Instrument :

BNA_N

ClientSampleId :

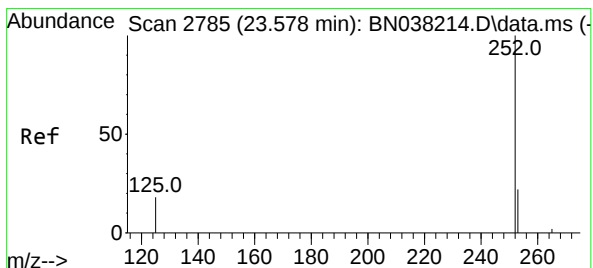
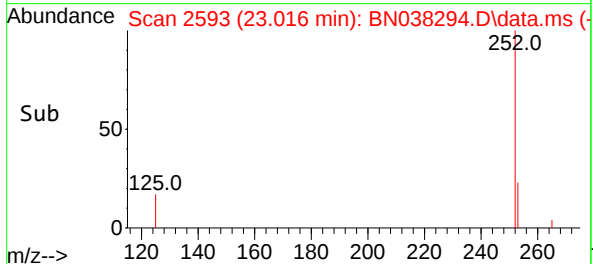
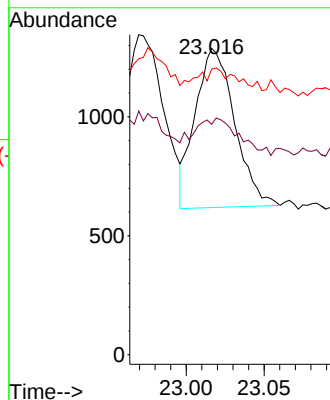
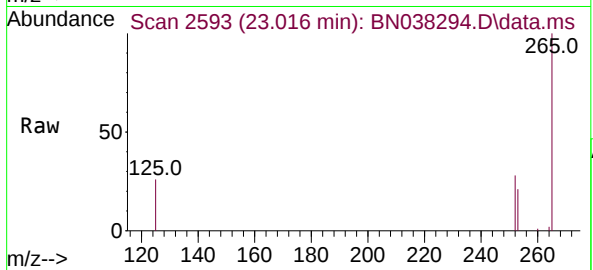
MW-13B-47.5-120225

Tgt Ion:252	Resp:	1179
Ion	Ratio	Lower Upper
252	100	
253	75.2	22.4 33.6
125	93.2	17.5 26.3

Manual Integrations

APPROVED

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



#39

Benzo(a)pyrene

Concen: 0.024 ng

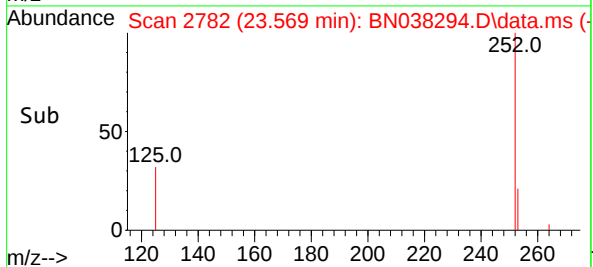
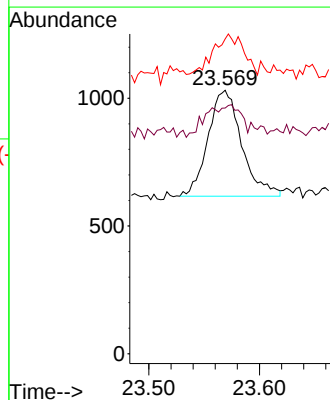
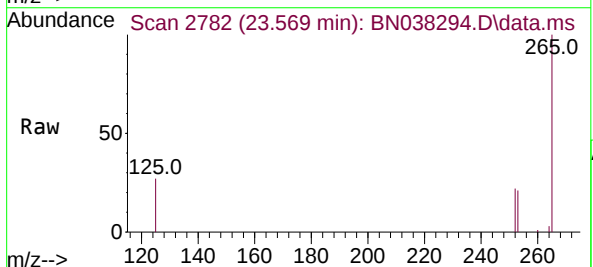
RT: 23.569 min Scan# 2782

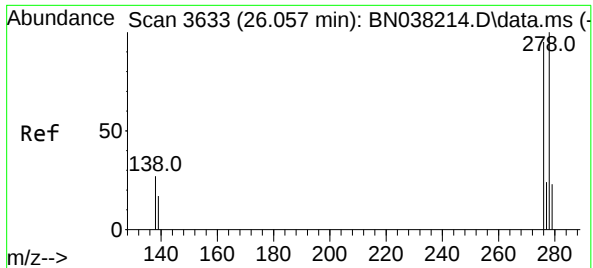
Delta R.T. -0.009 min

Lab File: BN038294.D

Acq: 06 Dec 2025 03:58

Tgt Ion:252	Resp:	876
Ion	Ratio	Lower Upper
252	100	
253	93.3	25.3 37.9
125	119.5	25.2 37.8





#40

Dibenzo(a,h)anthracene

Concen: 0.030 ng

RT: 26.034 min Scan# 3625

Delta R.T. -0.023 min

Lab File: BN038294.D

Acq: 06 Dec 2025 03:58

Instrument :

BNA_N

ClientSampleId :

MW-13B-47.5-120225

Tgt Ion:278 Resp: 110

Ion Ratio Lower Upper

278 100

139 50.7 17.6 26.4

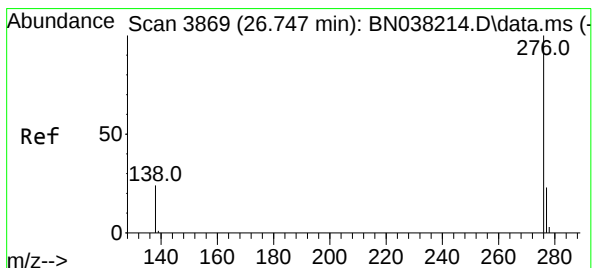
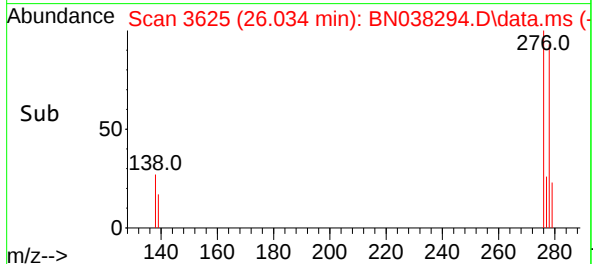
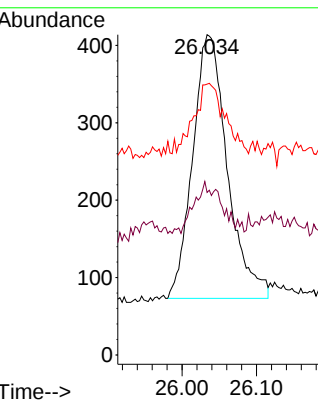
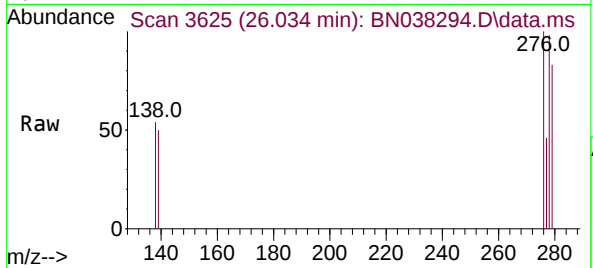
279 84.5 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/08/2025

Supervised By :mohammad ahmed 12/09/2025



#41

Benzo(g,h,i)perylene

Concen: 0.031 ng

RT: 26.732 min Scan# 3864

Delta R.T. -0.015 min

Lab File: BN038294.D

Acq: 06 Dec 2025 03:58

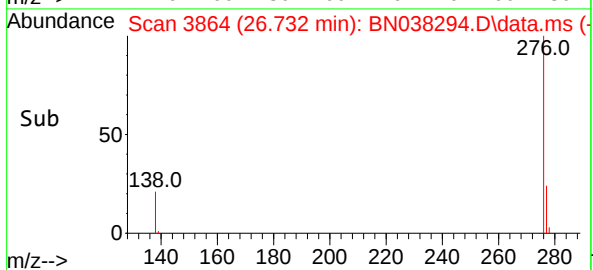
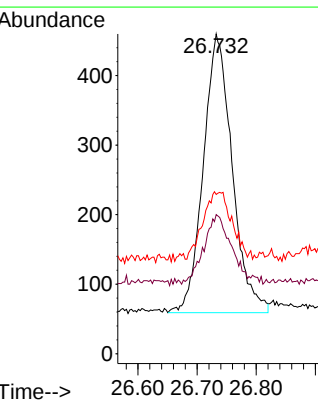
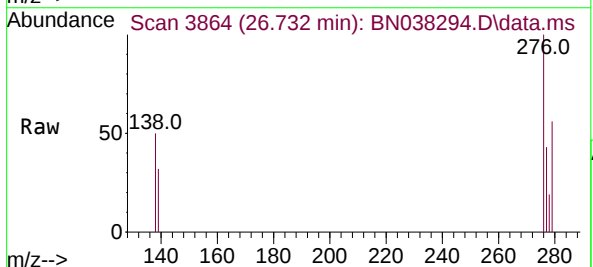
Tgt Ion:276 Resp: 1358

Ion Ratio Lower Upper

276 100

277 43.5 20.2 30.2#

138 49.8 20.8 31.2#



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120625\
 Data File : BN038295.D
 Acq On : 06 Dec 2025 04:35
 Operator : RC/JU
 Sample : Q3756-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EB01-120225

A
B
C
D
E
F
G
H
I
J
K

Quant Time: Dec 06 05:26:38 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)

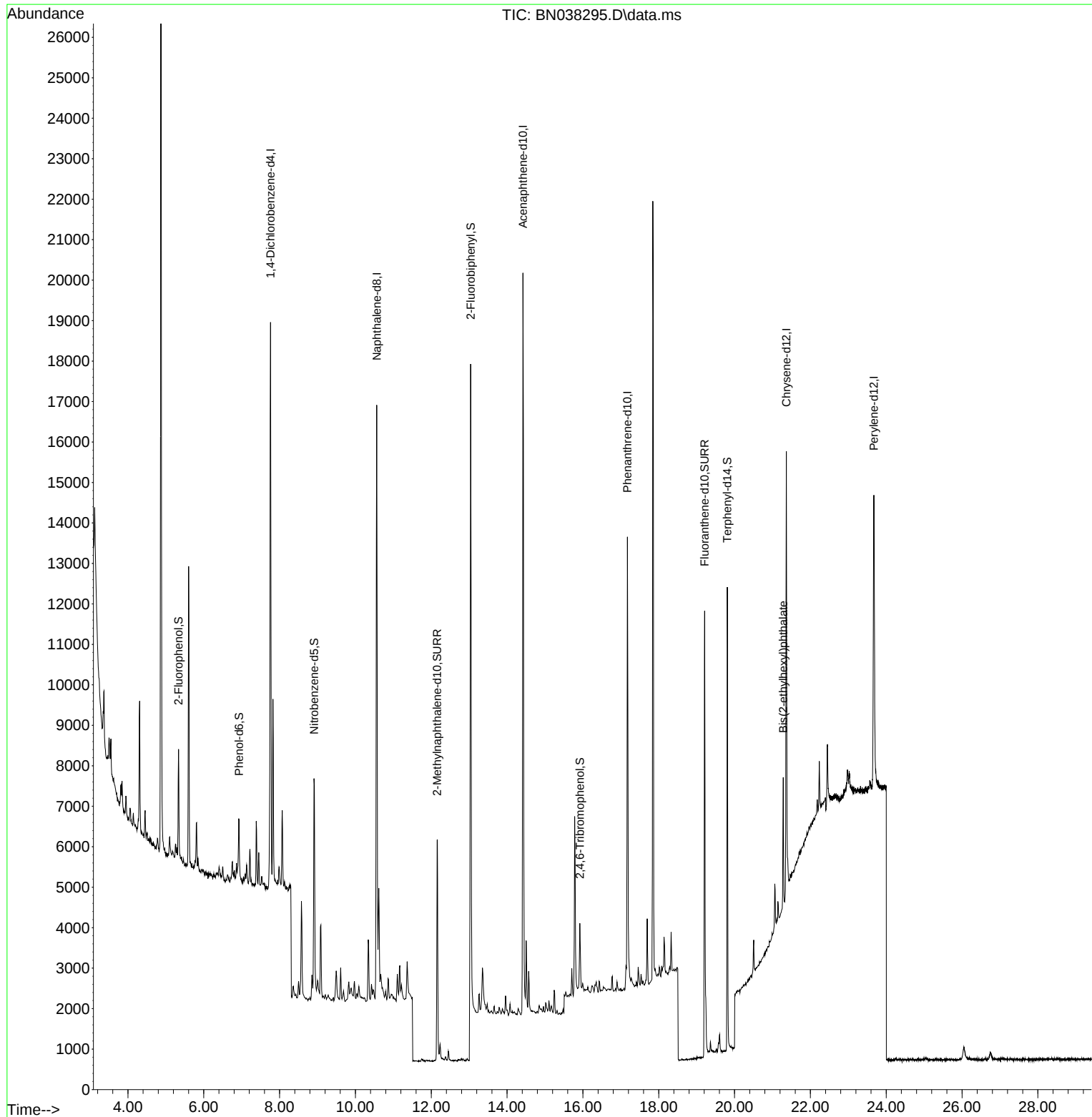
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.760	152	6963	0.400	ng	0.00
7) Naphthalene-d8	10.562	136	20031	0.400	ng	#-0.01
13) Acenaphthene-d10	14.420	164	11010	0.400	ng	-0.01
19) Phenanthrene-d10	17.173	188	16237	0.400	ng	#-0.01
29) Chrysene-d12	21.366	240	10562	0.400	ng	# 0.00
35) Perylene-d12	23.674	264	11226	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.334	112	2246	0.138	ng	0.00
5) Phenol-d6	6.930	99	1559	0.077	ng	0.00
8) Nitrobenzene-d5	8.907	82	5223	0.326	ng	-0.01
11) 2-Methylnaphthalene-d10	12.156	152	8322	0.293	ng	-0.01
14) 2,4,6-Tribromophenol	15.920	330	1134	0.327	ng	-0.01
15) 2-Fluorobiphenyl	13.041	172	13771	0.324	ng	-0.01
27) Fluoranthene-d10	19.211	212	12624	0.358	ng	0.00
31) Terphenyl-d14	19.810	244	11042	0.453	ng	0.00
Target Compounds						
34) Bis(2-ethylhexyl)phtha...	21.286	149	3079	0.157	ng	Qvalue 99

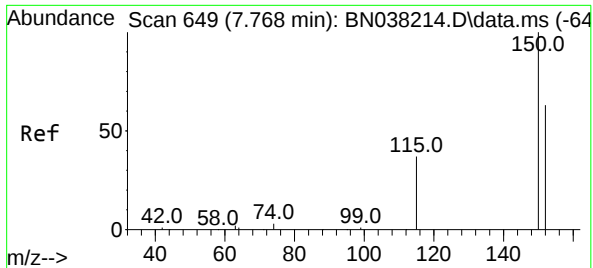
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120625\
Data File : BN038295.D
Acq On : 06 Dec 2025 04:35
Operator : RC/JU
Sample : Q3756-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EB01-120225

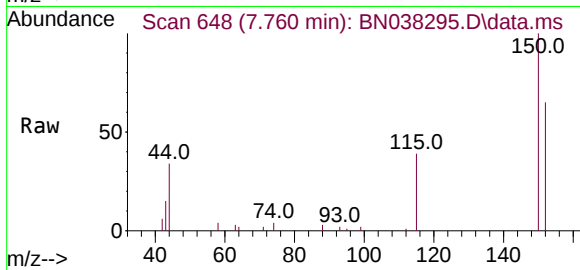
Quant Time: Dec 06 05:26:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 28 21:04:10 2025
Response via : Initial Calibration



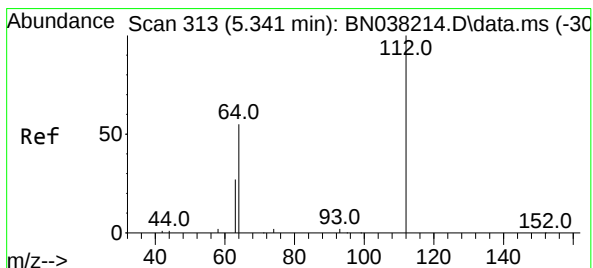
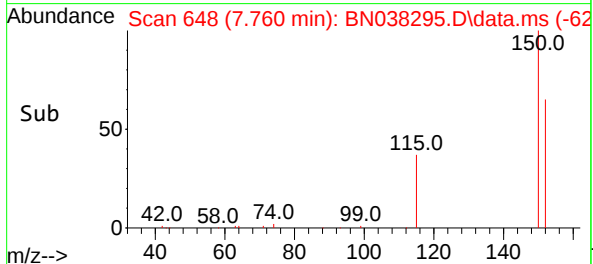
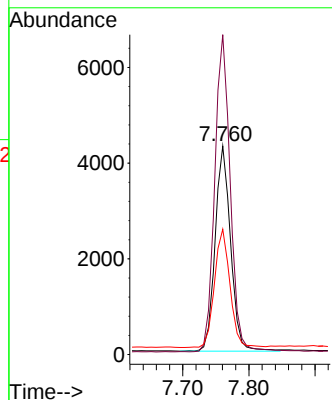


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.760 min Scan# 64
Delta R.T. -0.008 min
Lab File: BN038295.D
Acq: 06 Dec 2025 04:35

Instrument :
BNA_N
ClientSampleId :
EB01-120225

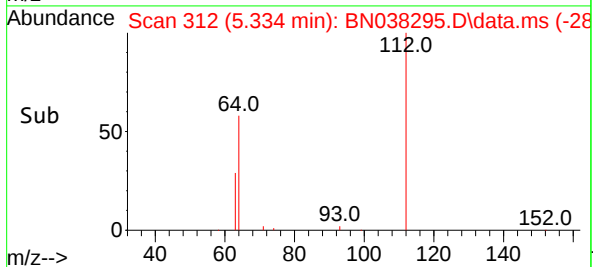
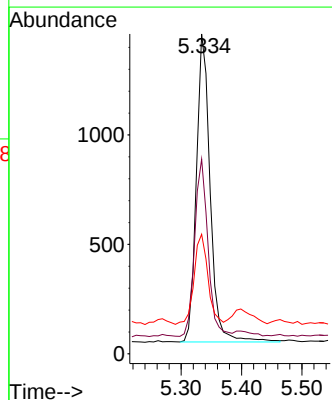
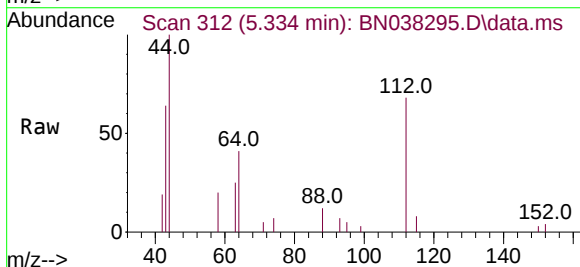


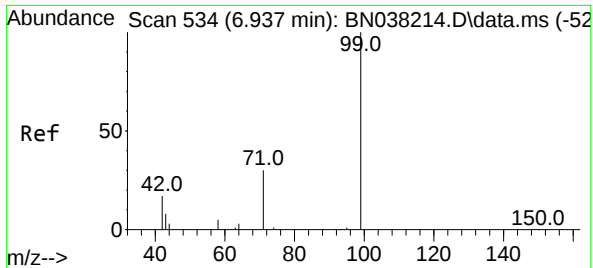
Tgt Ion:152 Resp: 6963
Ion Ratio Lower Upper
152 100
150 153.5 125.3 187.9
115 60.1 49.0 73.4



#4
2-Fluorophenol
Concen: 0.138 ng
RT: 5.334 min Scan# 312
Delta R.T. -0.007 min
Lab File: BN038295.D
Acq: 06 Dec 2025 04:35

Tgt Ion:112 Resp: 2246
Ion Ratio Lower Upper
112 100
64 55.4 45.0 67.4
63 29.3 23.2 34.8

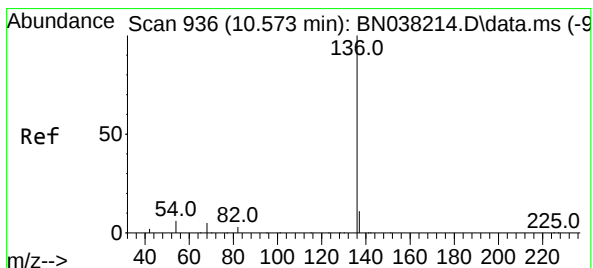
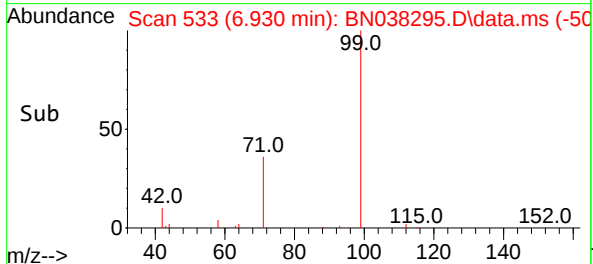
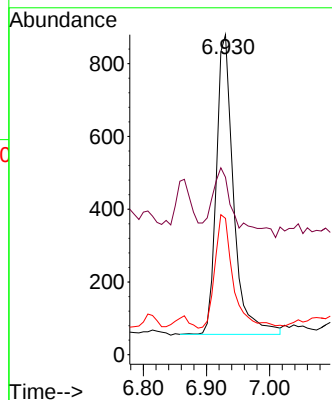
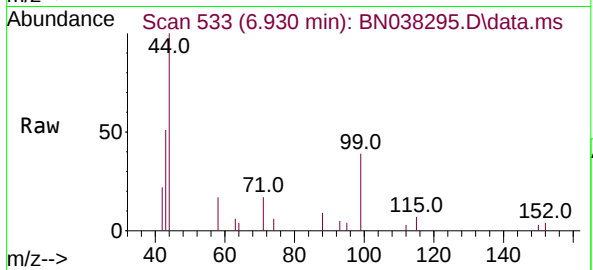




#5
Phenol-d6
Concen: 0.077 ng
RT: 6.930 min Scan# 531
Delta R.T. -0.007 min
Lab File: BN038295.D
Acq: 06 Dec 2025 04:35

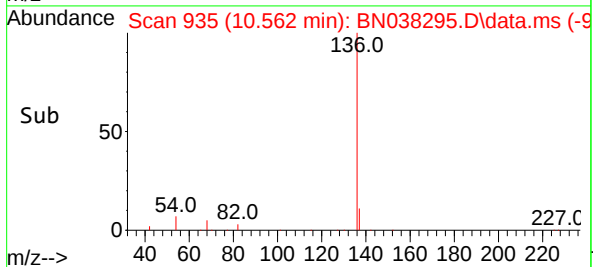
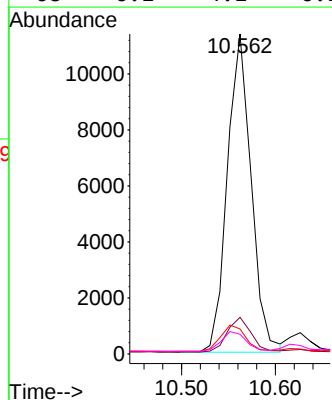
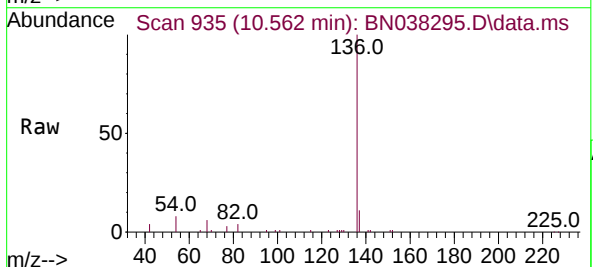
Instrument :
BNA_N
ClientSampleId :
EB01-120225

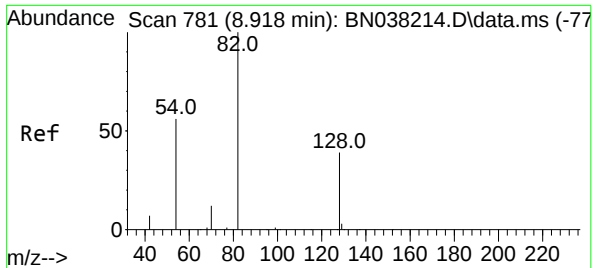
Tgt Ion: 99 Resp: 1559
Ion Ratio Lower Upper
99 100
42 29.4 17.0 25.6#
71 40.4 25.4 38.2#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.562 min Scan# 935
Delta R.T. -0.011 min
Lab File: BN038295.D
Acq: 06 Dec 2025 04:35

Tgt Ion: 136 Resp: 20031
Ion Ratio Lower Upper
136 100
137 11.4 8.9 13.3
54 7.8 5.4 8.0
68 6.1 4.1 6.1#

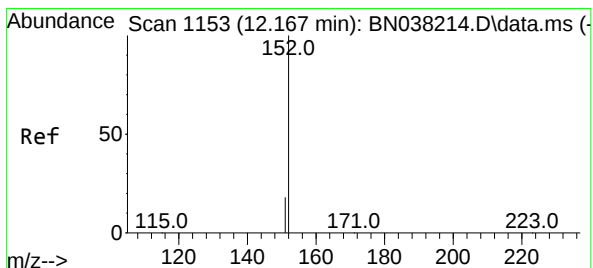
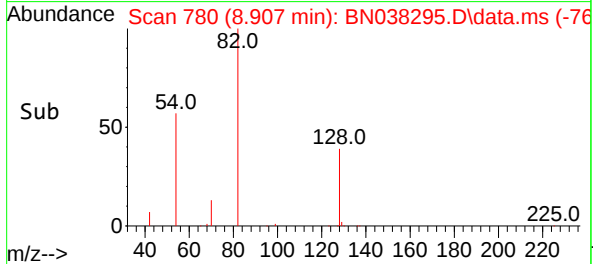
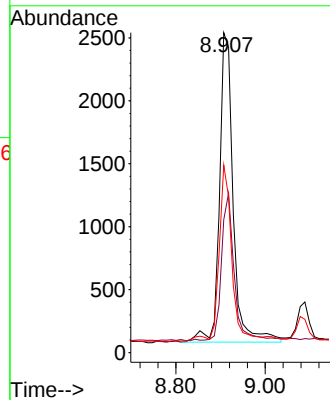
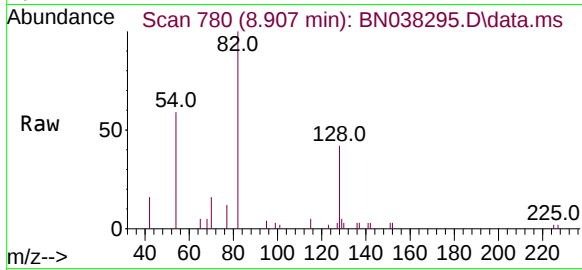




#8
Nitrobenzene-d5
Concen: 0.326 ng
RT: 8.907 min Scan# 781
Delta R.T. -0.011 min
Lab File: BN038295.D
Acq: 06 Dec 2025 04:35

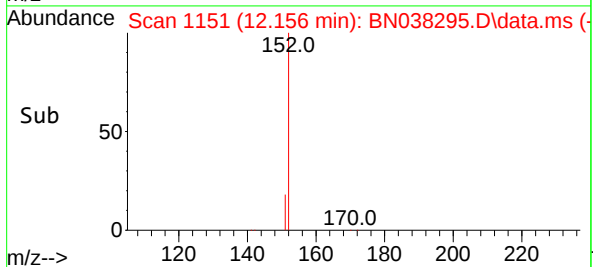
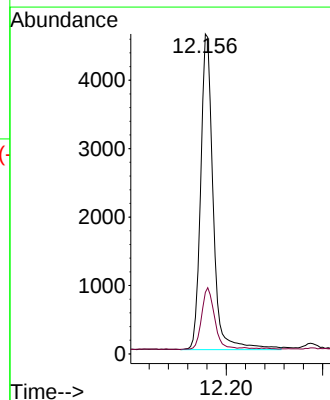
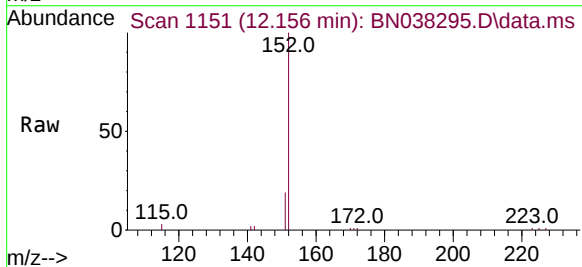
Instrument :
BNA_N
ClientSampleId :
EB01-120225

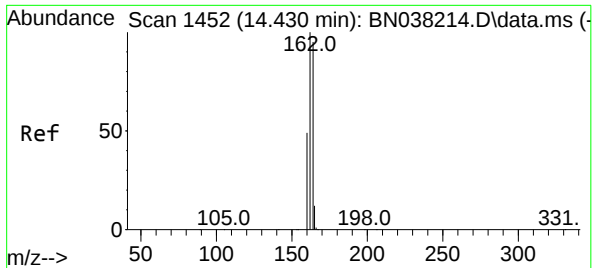
Tgt Ion:	82	Resp:	5223
Ion	Ratio	Lower	Upper
82	100		
128	41.5	32.6	48.8
54	58.6	45.4	68.0



#11
2-Methylnaphthalene-d10
Concen: 0.293 ng
RT: 12.156 min Scan# 1151
Delta R.T. -0.010 min
Lab File: BN038295.D
Acq: 06 Dec 2025 04:35

Tgt Ion:	152	Resp:	8322
Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.7	25.1





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.420 min Scan# 14

Delta R.T. -0.011 min

Lab File: BN038295.D

Acq: 06 Dec 2025 04:35

Instrument :

BNA_N

ClientSampleId :

EB01-120225

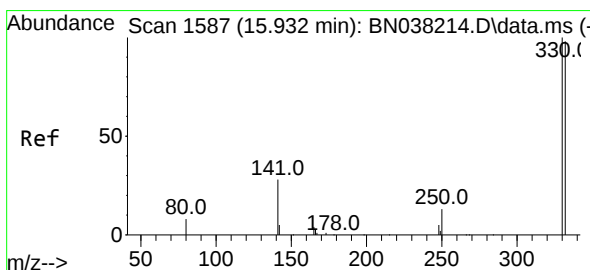
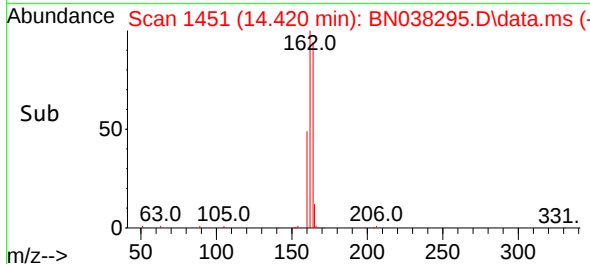
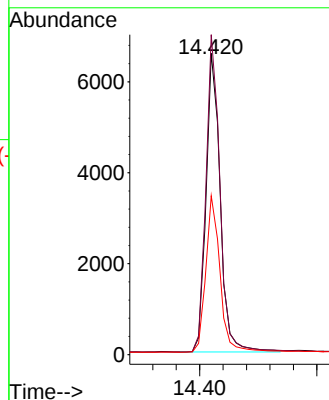
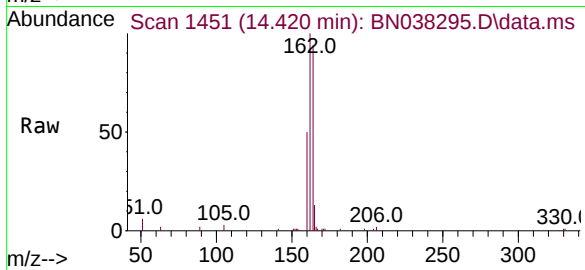
Tgt Ion:164 Resp: 11010

Ion Ratio Lower Upper

164 100

162 106.3 83.8 125.8

160 52.7 41.6 62.4



#14

2,4,6-Tribromophenol

Concen: 0.327 ng

RT: 15.920 min Scan# 1586

Delta R.T. -0.012 min

Lab File: BN038295.D

Acq: 06 Dec 2025 04:35

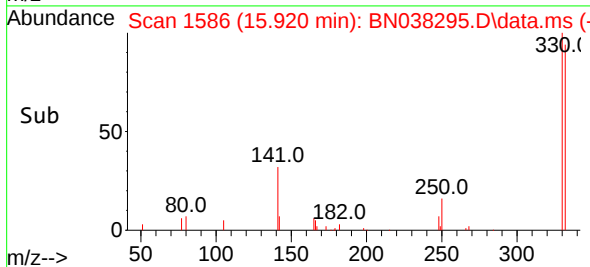
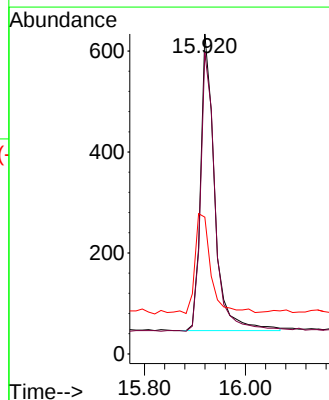
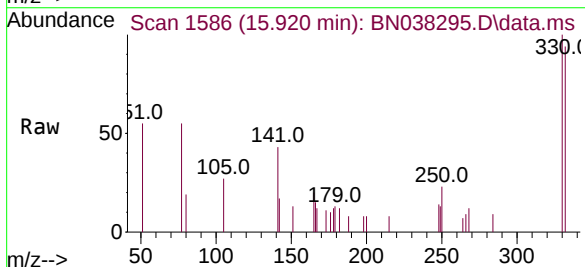
Tgt Ion:330 Resp: 1134

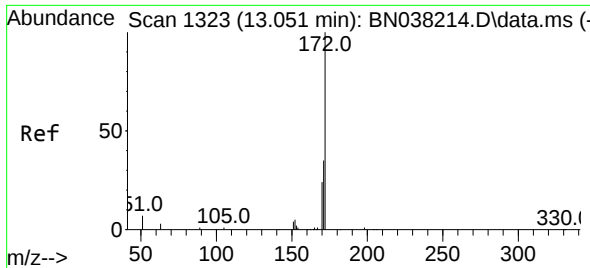
Ion Ratio Lower Upper

330 100

332 96.7 77.8 116.6

141 36.7 33.0 49.4

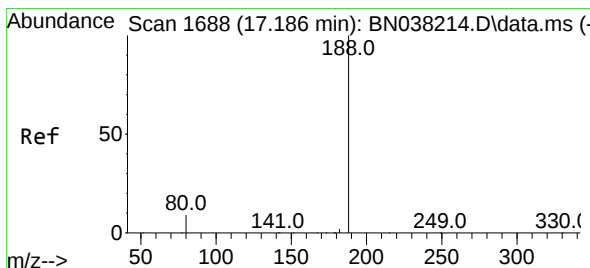
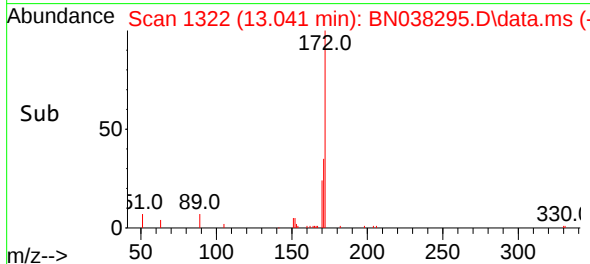
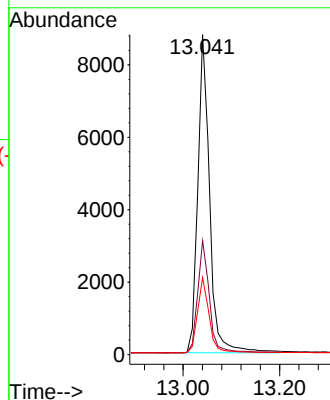
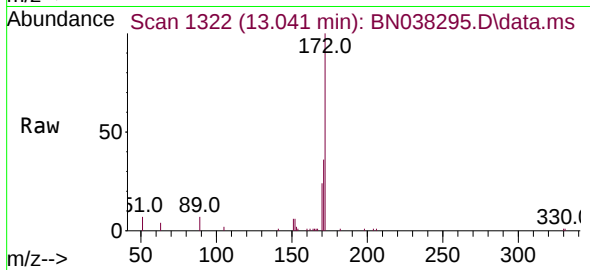




#15
2-Fluorobiphenyl
Concen: 0.324 ng
RT: 13.041 min Scan# 1322
Delta R.T. -0.010 min
Lab File: BN038295.D
Acq: 06 Dec 2025 04:35

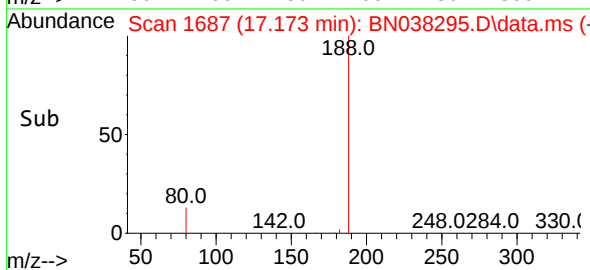
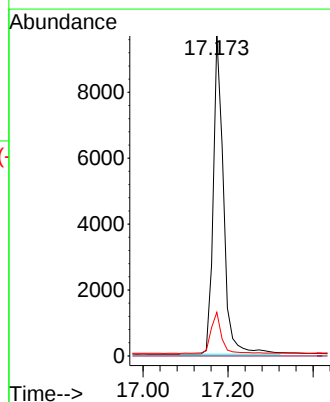
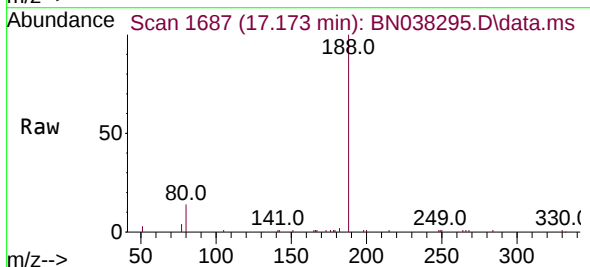
Instrument :
BNA_N
ClientSampleId :
EB01-120225

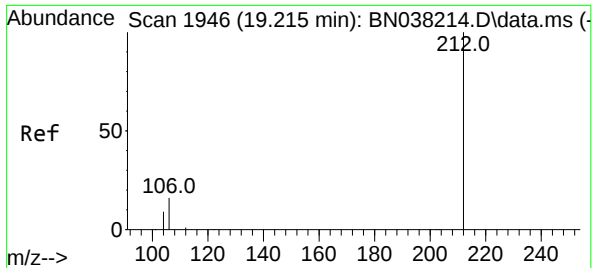
Tgt Ion:172	Resp:	13771
Ion Ratio	Lower	Upper
172	100	
171	35.6	28.1 42.1
170	24.1	19.1 28.7



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.173 min Scan# 1687
Delta R.T. -0.012 min
Lab File: BN038295.D
Acq: 06 Dec 2025 04:35

Tgt Ion:188	Resp:	16237
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	13.7	7.7 11.5





#27

Fluoranthene-d10

Concen: 0.358 ng

RT: 19.211 min Scan# 1945

Delta R.T. -0.005 min

Lab File: BN038295.D

Acq: 06 Dec 2025 04:35

Instrument :

BNA_N

ClientSampleId :

EB01-120225

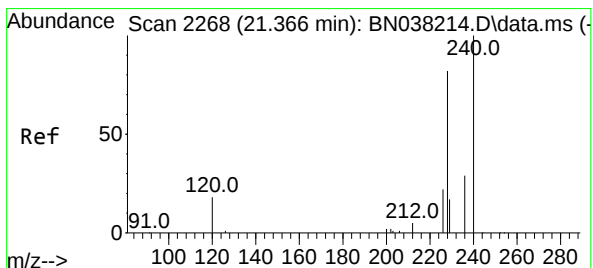
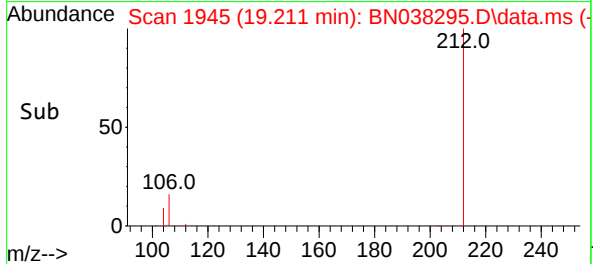
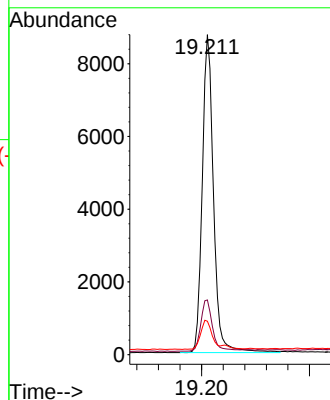
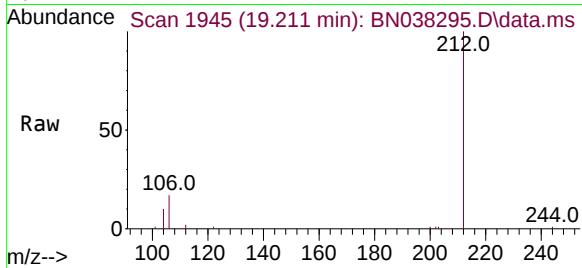
Tgt Ion:212 Resp: 12624

Ion Ratio Lower Upper

212 100

106 16.9 12.7 19.1

104 9.2 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: BN038295.D

Acq: 06 Dec 2025 04:35

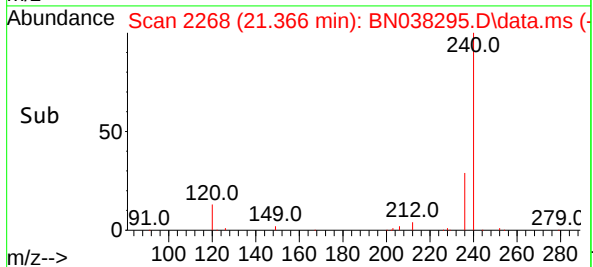
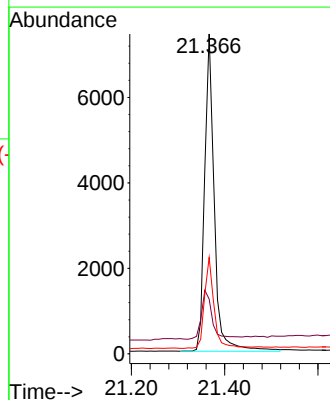
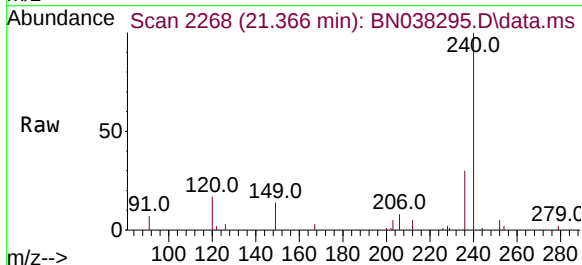
Tgt Ion:240 Resp: 10562

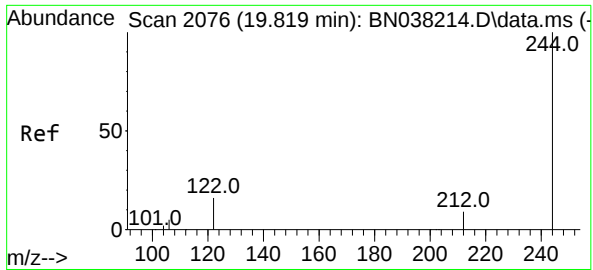
Ion Ratio Lower Upper

240 100

120 17.1 18.1 27.1

236 30.1 24.2 36.4

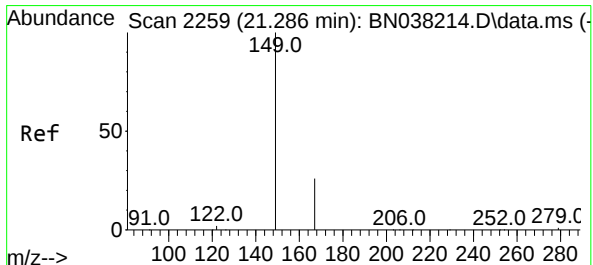
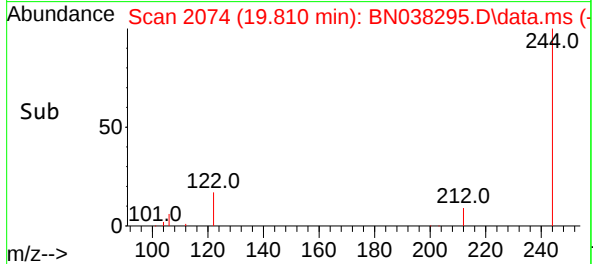
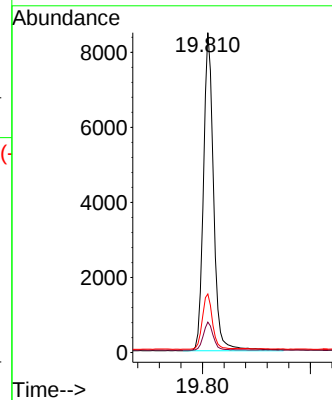
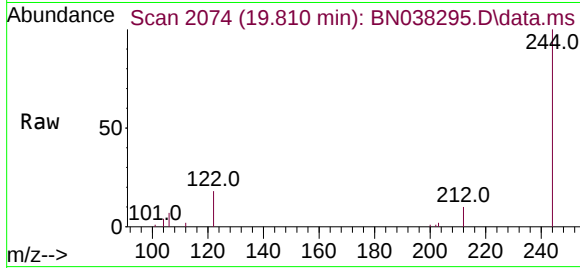




#31
Terphenyl-d14
Concen: 0.453 ng
RT: 19.810 min Scan# 2076
Delta R.T. -0.009 min
Lab File: BN038295.D
Acq: 06 Dec 2025 04:35

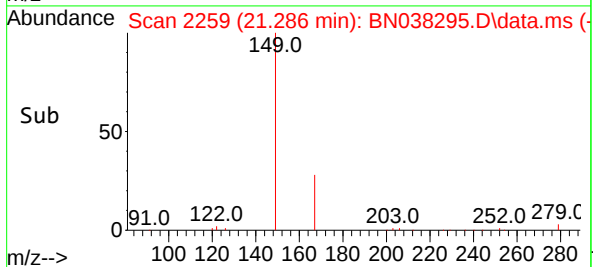
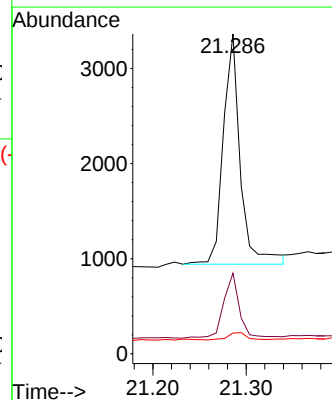
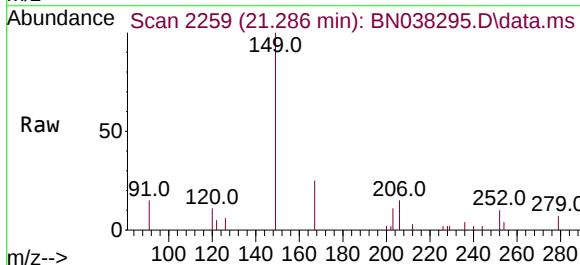
Instrument :
BNA_N
ClientSampleId :
EB01-120225

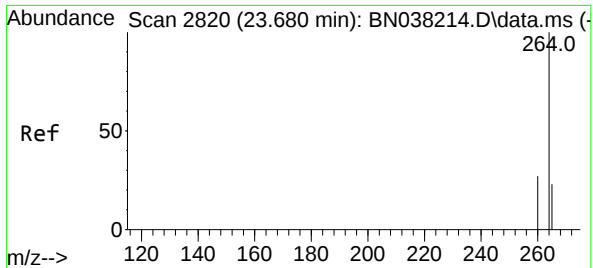
Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.7	11.5
122	18.3	13.6	20.4



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.157 ng
RT: 21.286 min Scan# 2259
Delta R.T. 0.000 min
Lab File: BN038295.D
Acq: 06 Dec 2025 04:35

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.3	20.7	31.1
279	3.4	2.5	3.7





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.674 min Scan# 2818

Delta R.T. -0.006 min

Lab File: BN038295.D

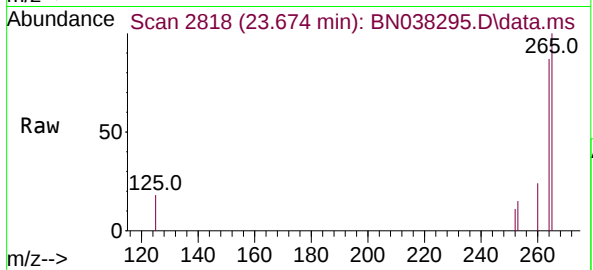
Acq: 06 Dec 2025 04:35

Instrument :

BNA_N

ClientSampleId :

EB01-120225



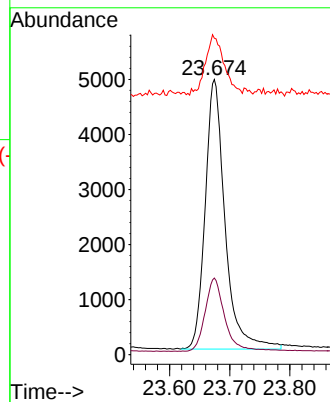
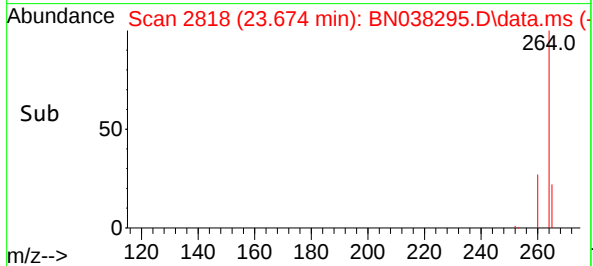
Tgt Ion:264 Resp: 11226

Ion Ratio Lower Upper

264 100

260 27.8 21.7 32.5

265 115.0 98.0 147.0



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

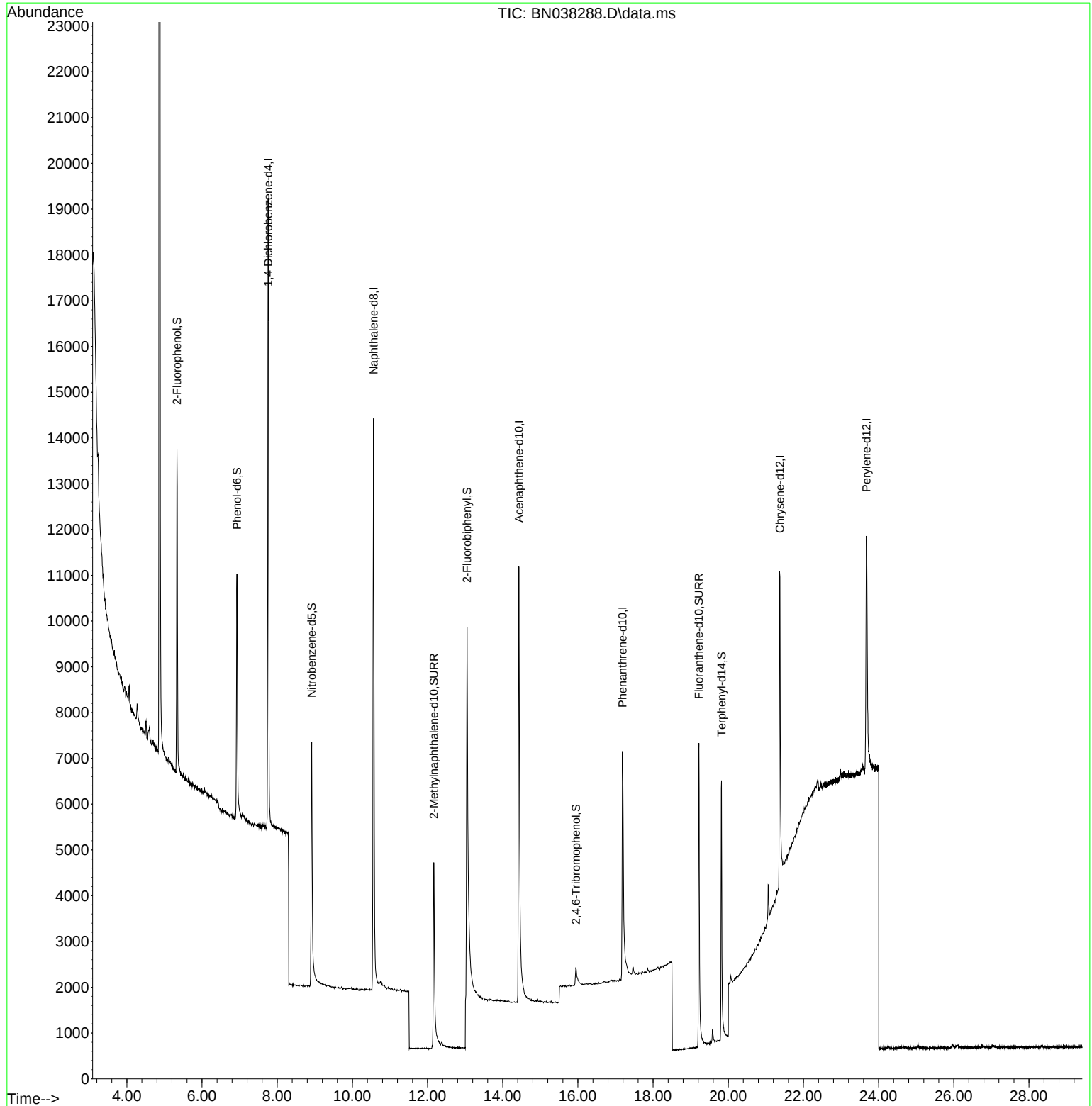
Target Compounds	Qvalue

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

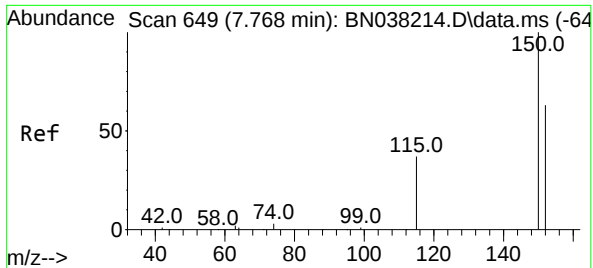
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120625\
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Acq On : 06 Dec 2025 00:19
Operator : RC/JU
Sample : PB170838BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

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

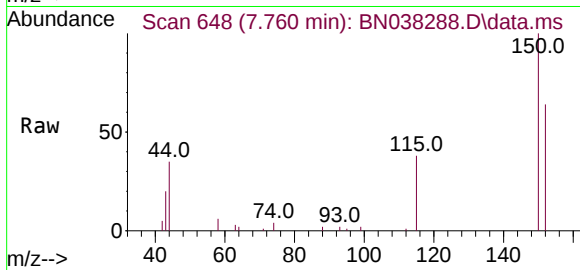


A
B
C
D
E
F
G
H
I
J
K

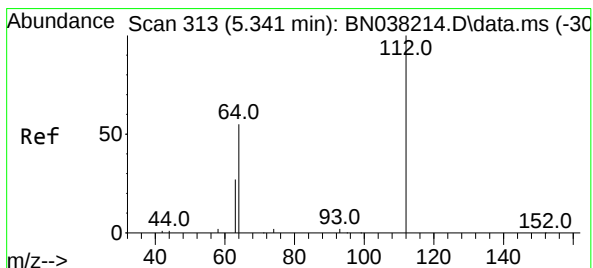
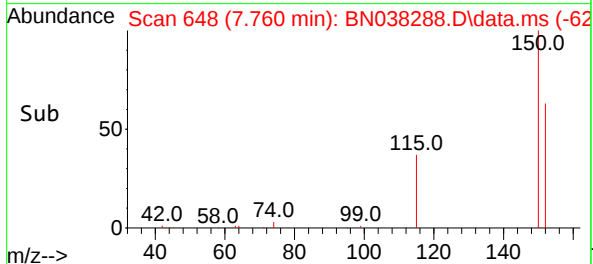
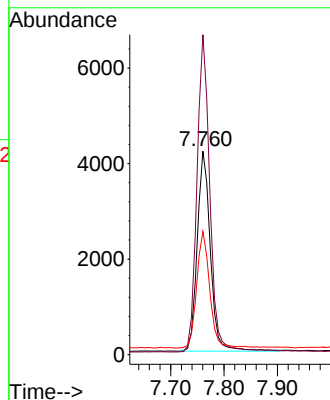


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.760 min Scan# 649
Delta R.T. -0.008 min
Lab File: BN038288.D
Acq: 06 Dec 2025 00:19

Instrument :
BNA_N
ClientSampleId :
PB170838BL

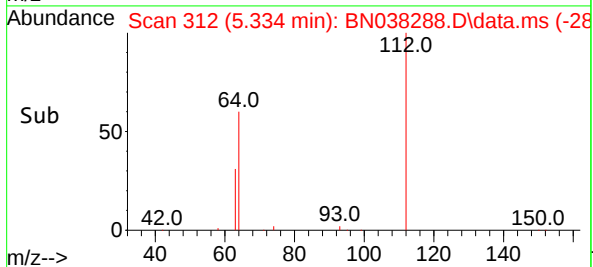
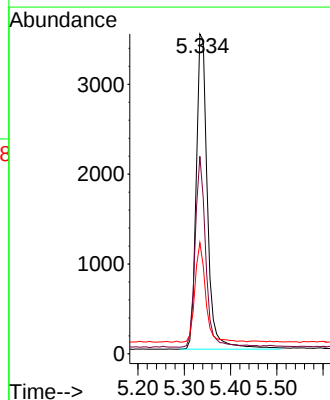
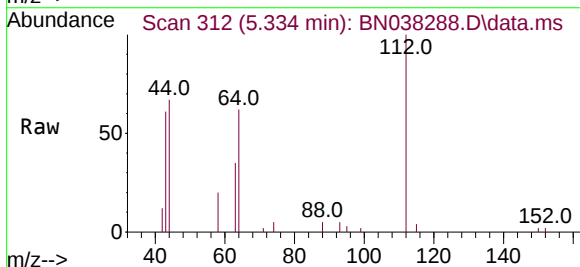


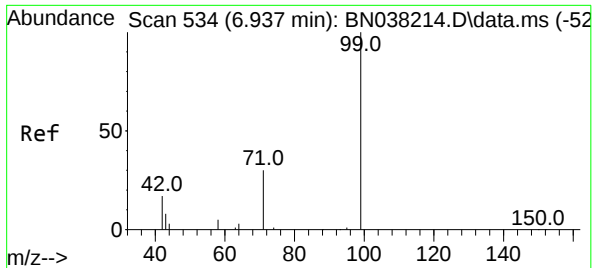
Tgt Ion:152 Resp: 7136
Ion Ratio Lower Upper
152 100
150 157.3 125.3 187.9
115 60.5 49.0 73.4



#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

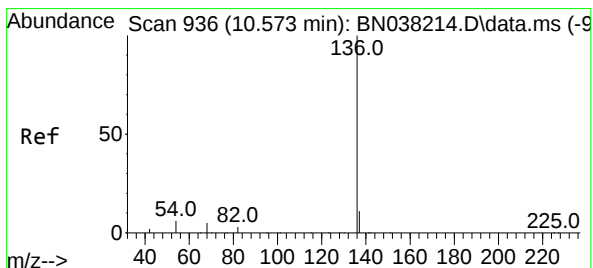
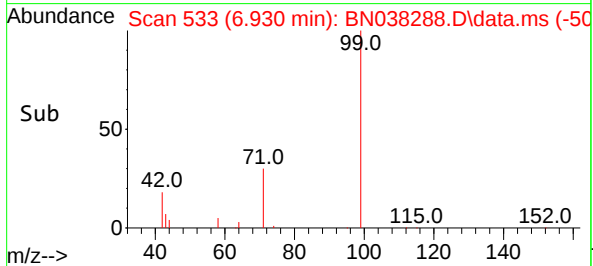
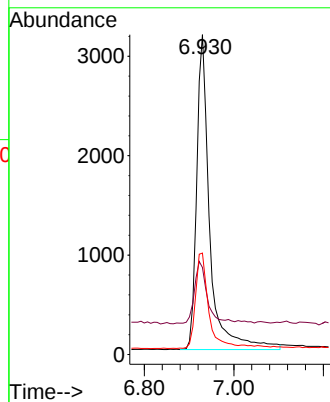
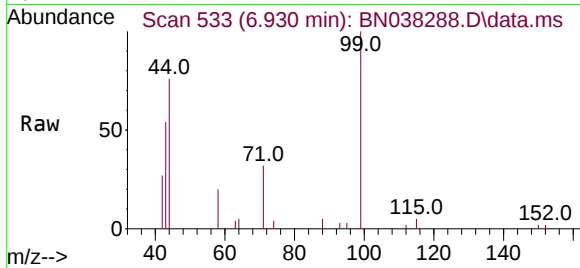




#5
Phenol-d6
Concen: 0.308 ng
RT: 6.930 min Scan# 531
Delta R.T. -0.007 min
Lab File: BN038288.D
Acq: 06 Dec 2025 00:19

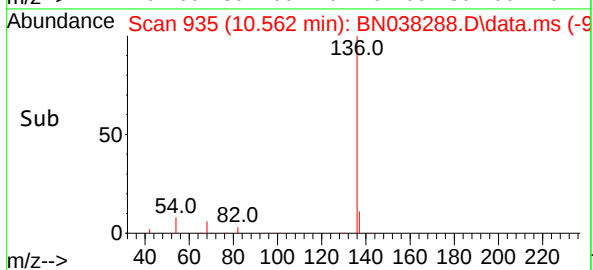
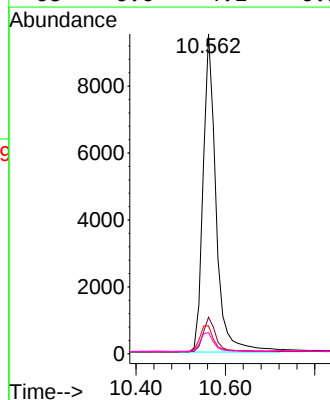
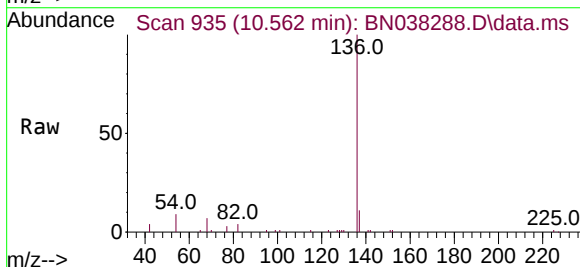
Instrument :
BNA_N
ClientSampleId :
PB170838BL

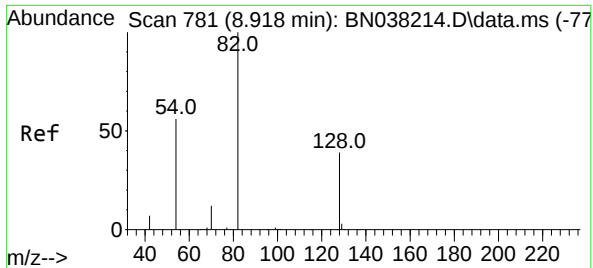
Tgt Ion: 99 Resp: 6410
Ion Ratio Lower Upper
99 100
42 19.6 17.0 25.6
71 30.2 25.4 38.2



#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#

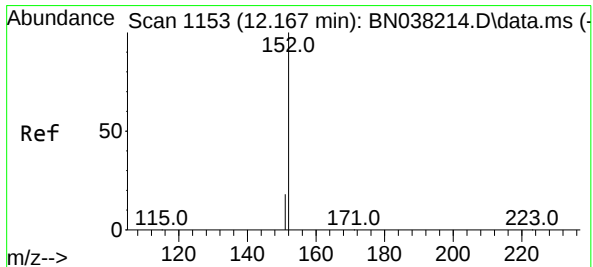
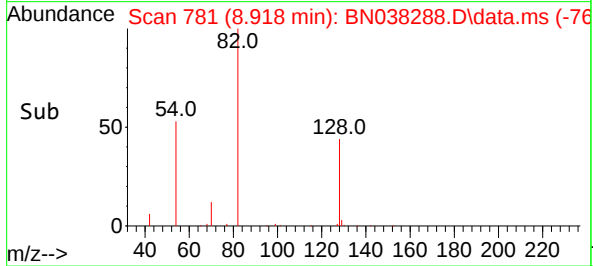
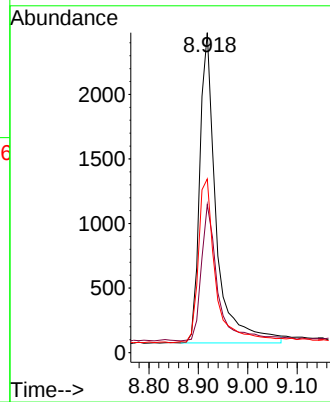
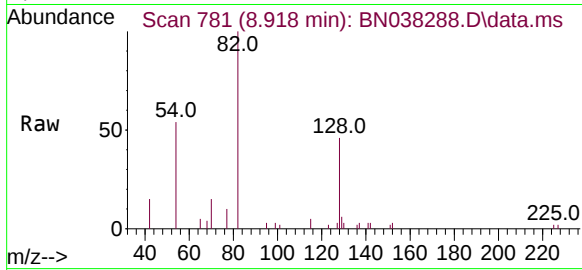




#8
Nitrobenzene-d5
Concen: 0.364 ng
RT: 8.918 min Scan# 781
Delta R.T. 0.000 min
Lab File: BN038288.D
Acq: 06 Dec 2025 00:19

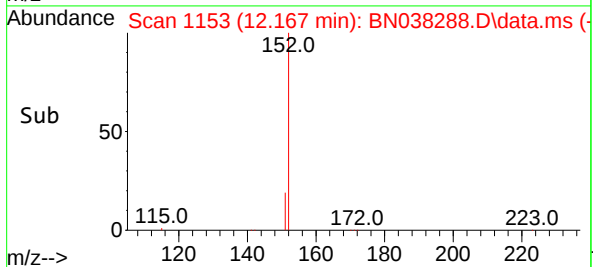
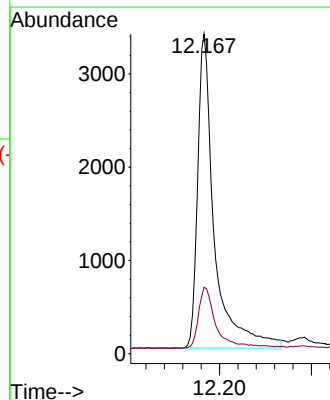
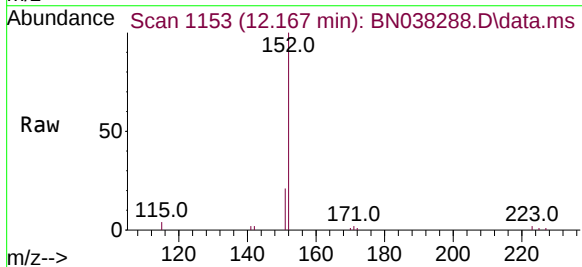
Instrument :
BNA_N
ClientSampleId :
PB170838BL

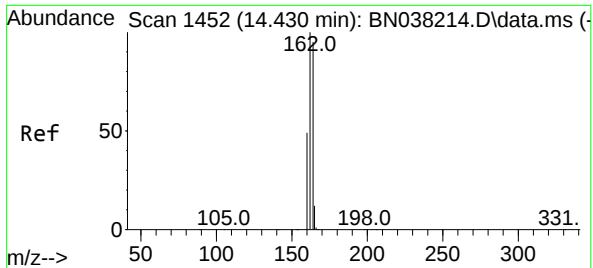
Tgt Ion:	82	Resp:	5582
Ion	Ratio	Lower	Upper
82	100		
128	46.3	32.6	48.8
54	54.3	45.4	68.0



#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:	152	Resp:	8458
Ion	Ratio	Lower	Upper
152	100		
151	19.1	16.7	25.1

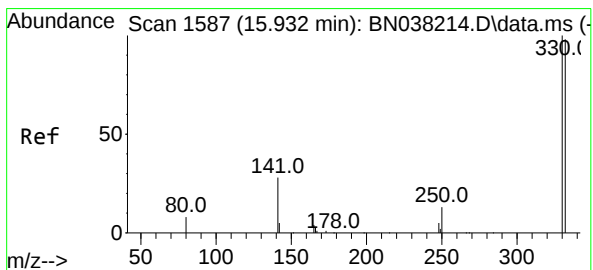
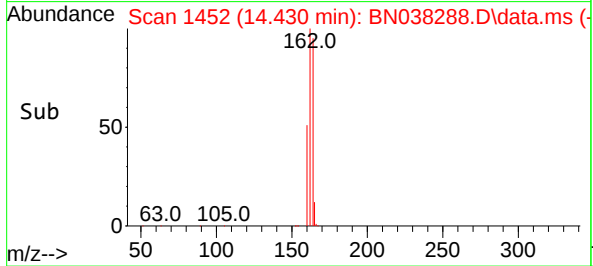
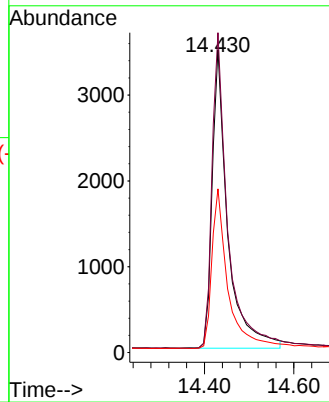
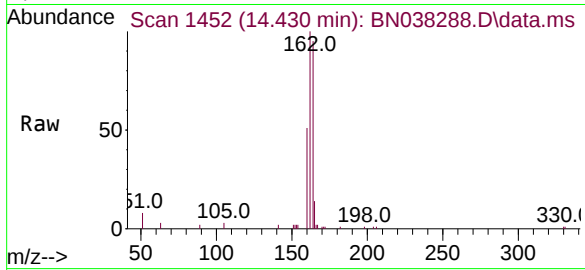




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BN038288.D
Acq: 06 Dec 2025 00:19

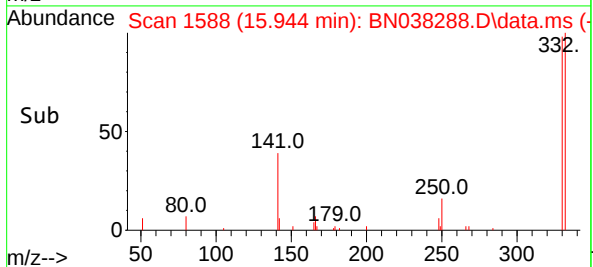
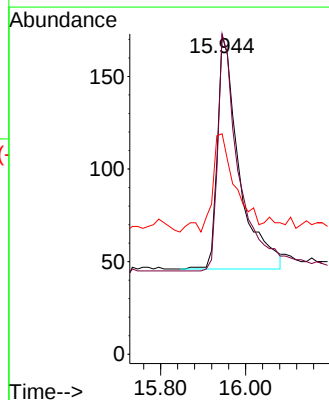
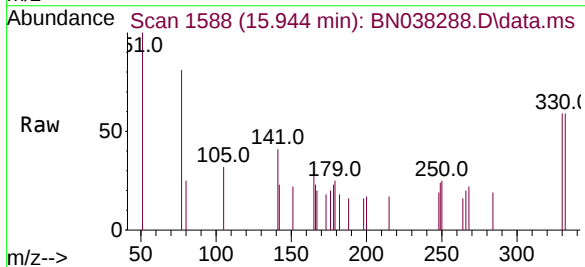
Instrument :
BNA_N
ClientSampleId :
PB170838BL

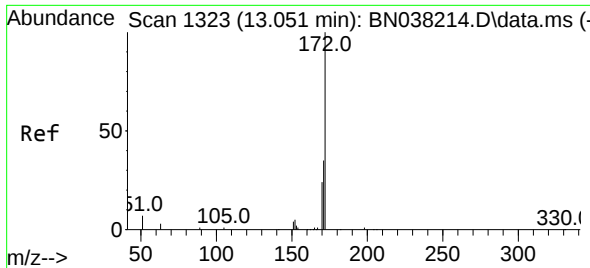
Tgt Ion:164 Resp: 8410
Ion Ratio Lower Upper
164 100
162 105.6 83.8 125.8
160 54.0 41.6 62.4



#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

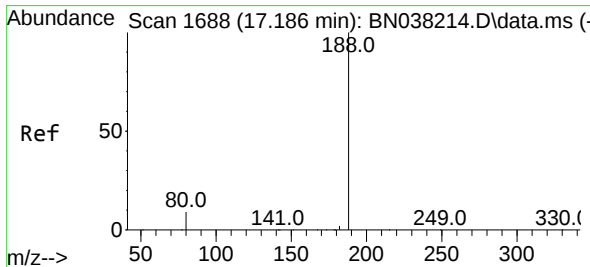
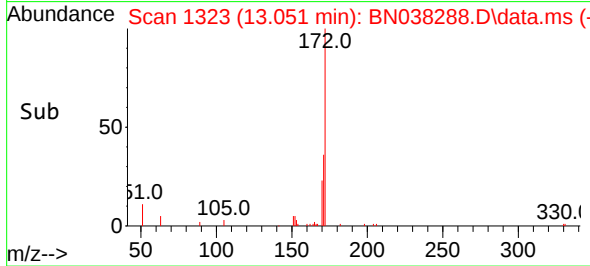
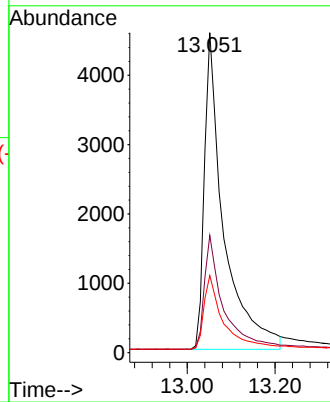
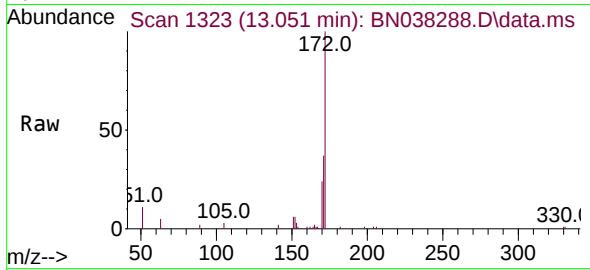




#15
2-Fluorobiphenyl
Concen: 0.382 ng
RT: 13.051 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BN038288.D
Acq: 06 Dec 2025 00:19

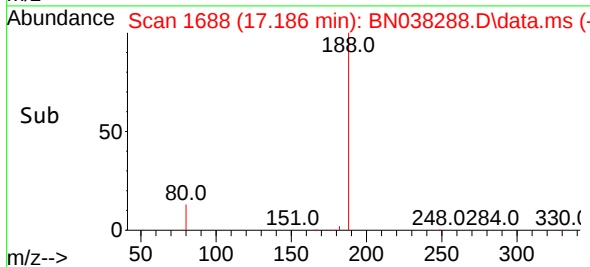
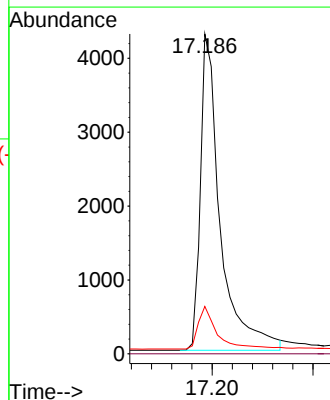
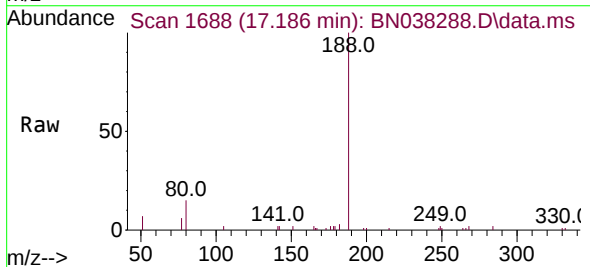
Instrument :
BNA_N
ClientSampleId :
PB170838BL

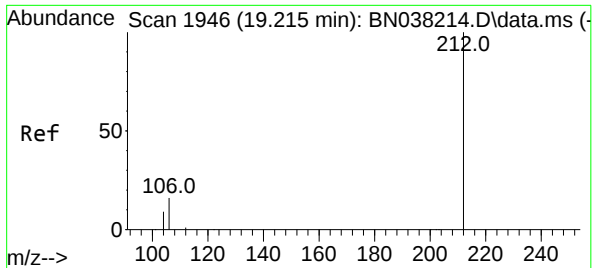
Tgt Ion:	172	Resp:	12403
Ion Ratio	Lower	Upper	
172	100		
171	36.6	28.1	42.1
170	24.1	19.1	28.7



#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

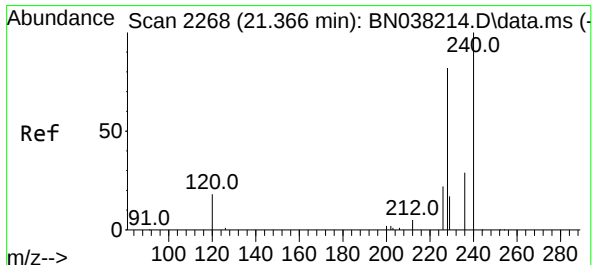
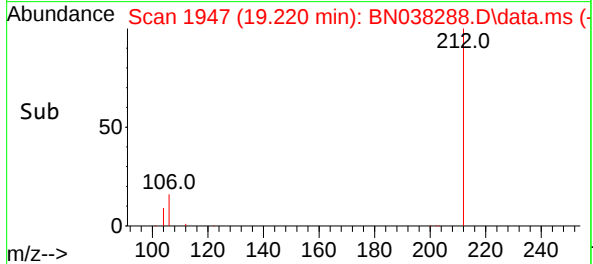
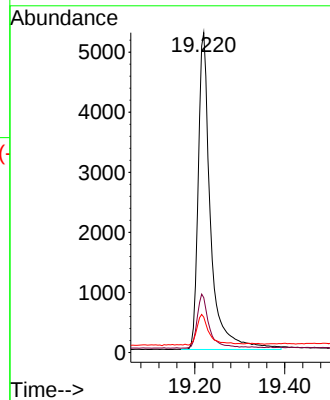
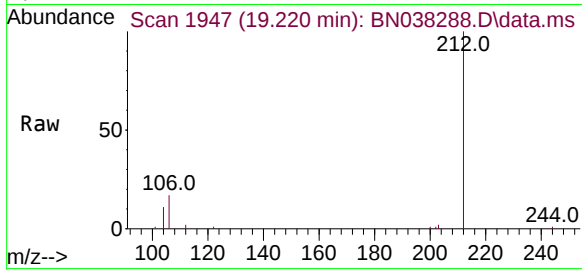




#27
Fluoranthene-d10
Concen: 0.395 ng
RT: 19.220 min Scan# 1947
Delta R.T. 0.005 min
Lab File: BN038288.D
Acq: 06 Dec 2025 00:19

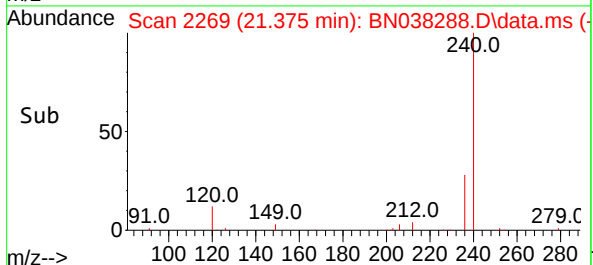
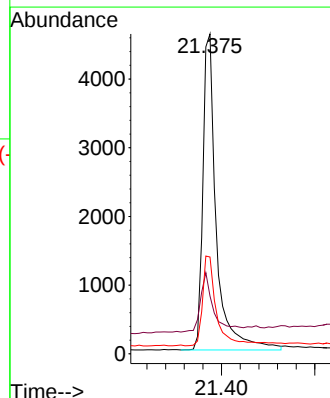
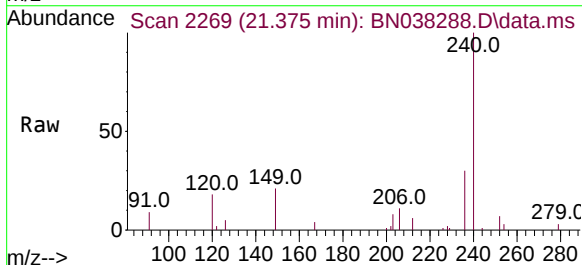
Instrument :
BNA_N
ClientSampleId :
PB170838BL

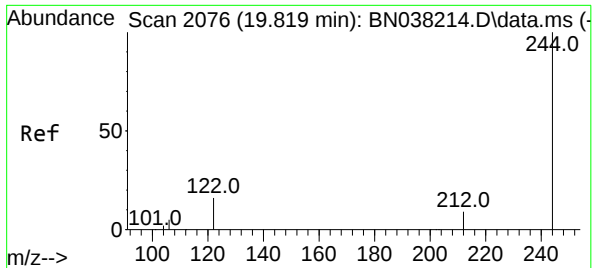
Tgt Ion	Ratio	Lower	Upper
212	100		
106	16.8	12.7	19.1
104	9.7	7.3	10.9



#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

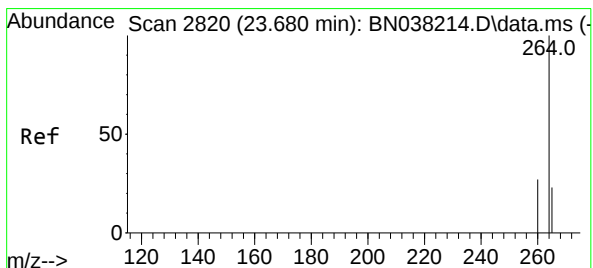
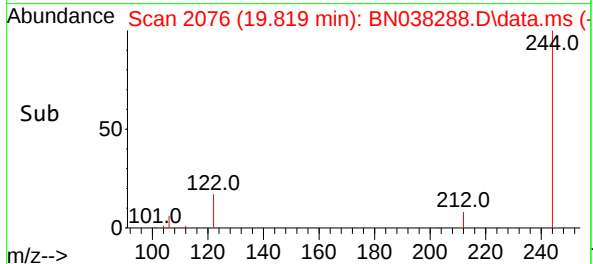
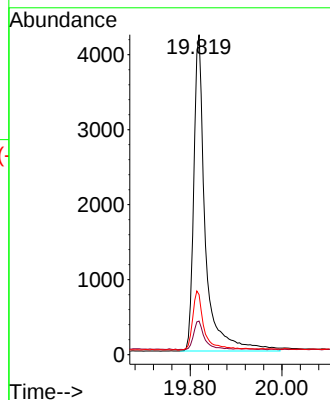
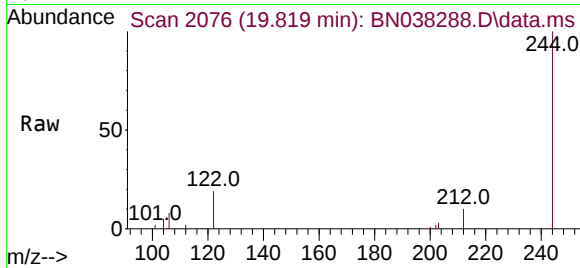




#31
Terphenyl-d14
Concen: 0.349 ng
RT: 19.819 min Scan# 2076
Delta R.T. -0.000 min
Lab File: BN038288.D
Acq: 06 Dec 2025 00:19

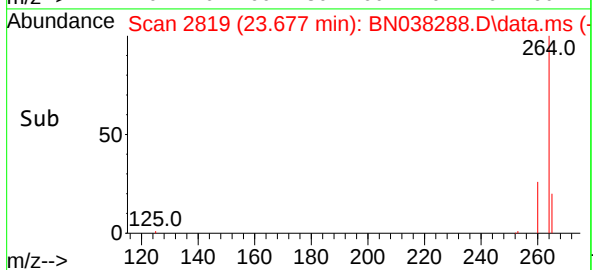
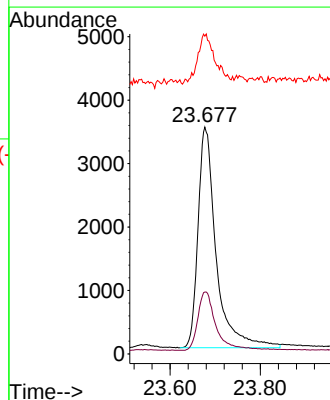
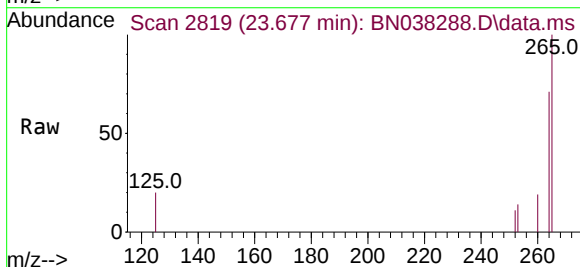
Instrument :
BNA_N
ClientSampleId :
PB170838BL

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

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

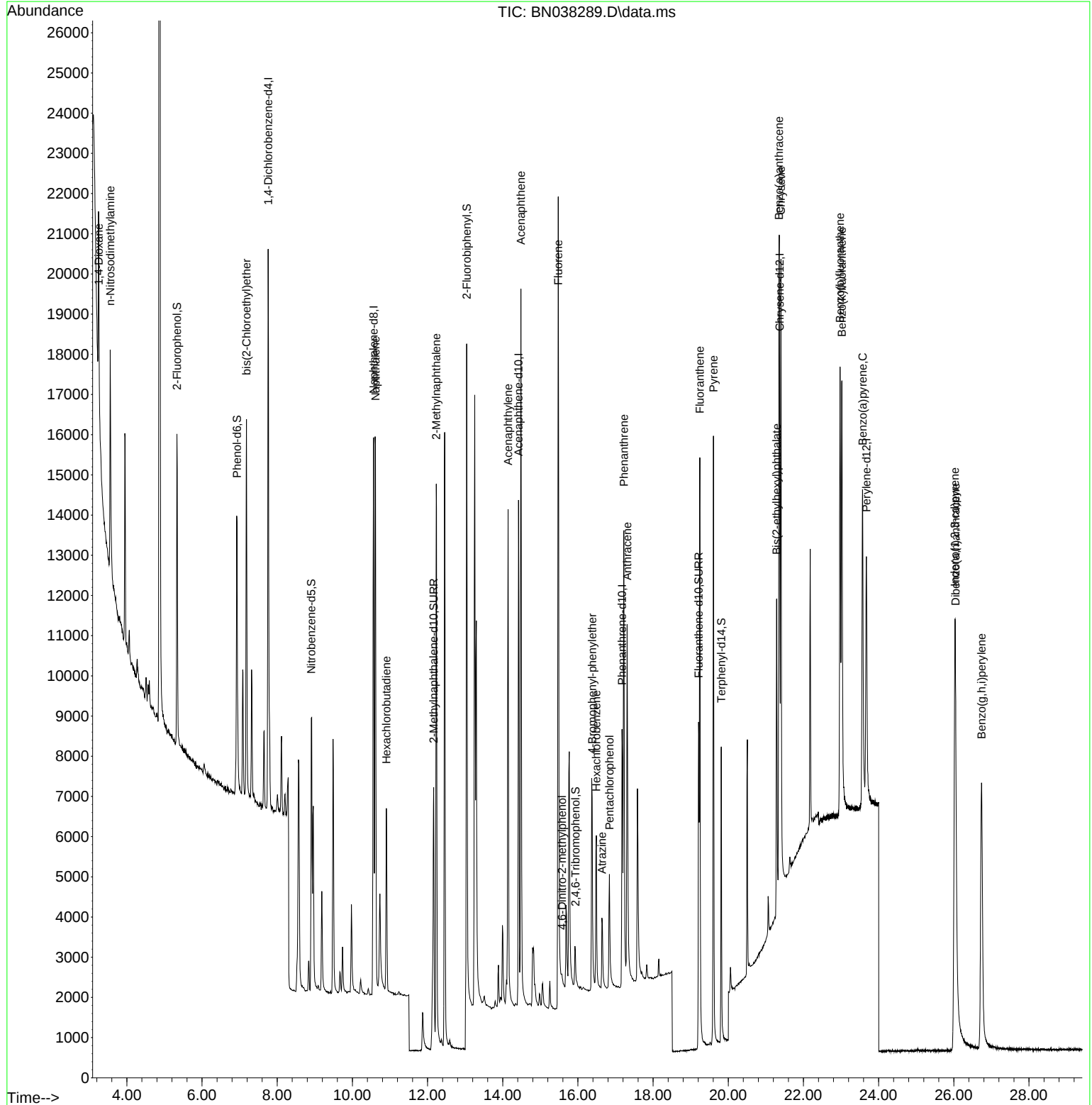
Quant Time: Dec 06 01:31:20 2025

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

A
B
C
D
E
F
G
H
I
J
K

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						
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

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

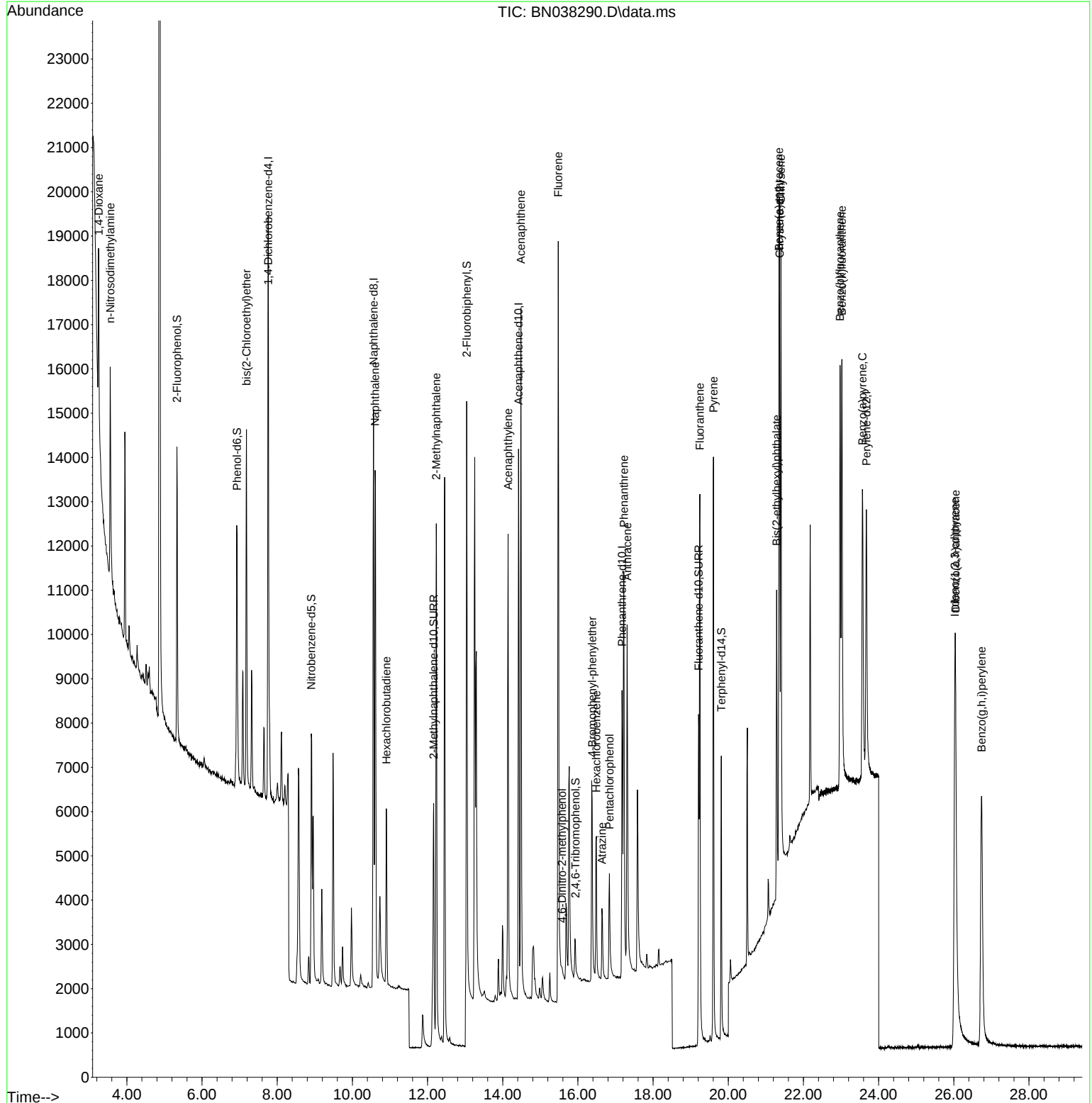
Quant Time: Dec 06 03:22:41 2025

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



A
B
C
D
E
F
G
H
I
J
K



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

Manual Integration Report

Sequence:

BN112725

Instrument

BNA_n

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

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
Q3756-07	BN038294.D	Phenanthrene	Jagrut	12/8/2025 3:30:04 PM	mohammad	12/9/2025 12:44:58 AM	Peak Integrated by Software



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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
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
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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	SSTDIC0.1	BN038212.D	26 Nov 2025 20:35	RC/JU	Ok,M
3	SSTDIC0.2	BN038213.D	26 Nov 2025 21:12	RC/JU	Ok
4	SSTDIC0.4	BN038214.D	26 Nov 2025 21:48	RC/JU	Ok
5	SSTDIC0.8	BN038215.D	26 Nov 2025 22:25	RC/JU	Ok
6	SSTDIC1.6	BN038216.D	26 Nov 2025 23:01	RC/JU	Ok
7	SSTDIC3.2	BN038217.D	26 Nov 2025 23:37	RC/JU	Ok
8	SSTDIC5.0	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

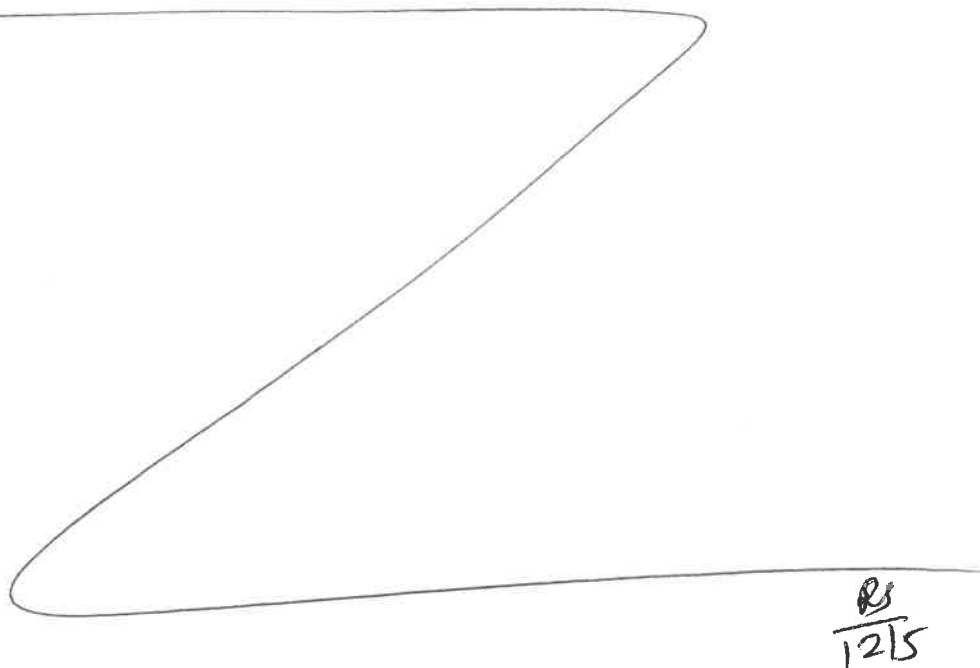
KD Bath Temperature: 60 °C **Envap Temperature:** 40 °C

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	RUPEsh	ritesh	1			SEP-1
PB170838BS	SLCS838	SVOC-SIMGrou p1	1000	6	RUPEsh	ritesh	1			2
PB170838BS D	SLCSD838	SVOC-SIMGrou p1	1000	6	RUPEsh	ritesh	1			3
Q3756-01	OW-04B-26.5-120225	SVOC-SIMGrou p1	960	6	RUPEsh	ritesh	1	E		4
Q3756-03	BR-01-190-120225	SVOC-SIMGrou p1	970	6	RUPEsh	ritesh	1	E		5
Q3756-05	MW-04-12-120225	SVOC-SIMGrou p1	900	6	RUPEsh	ritesh	1	E		6
Q3756-07	MW-13B-47.5-120225	SVOC-SIMGrou p1	1000	6	RUPEsh	ritesh	1	E		7
Q3756-09	EB01-120225	SVOC-SIMGrou p1	950	6	RUPEsh	ritesh	1	E		8
Q3757-01	MW-14A-17.5-120325	SVOC-SIMGrou p1	890	6	RUPEsh	ritesh	1	E		9
Q3757-03	BR-03D-490-120325	SVOC-SIMGrou p1	910	6	RUPEsh	ritesh	1	E		10
Q3757-05	MW-14B-46-120325	SVOC-SIMGrou p1	920	6	RUPEsh	ritesh	1	E		11
Q3757-07	RMW-05B-90.5-120325	SVOC-SIMGrou p1	970	6	RUPEsh	ritesh	1	E		12
Q3757-09	OW-05B-72-120325	SVOC-SIMGrou p1	950	6	RUPEsh	ritesh	1	E		13
Q3757-11	EB01-120325	SVOC-SIMGrou p1	870	6	RUPEsh	ritesh	1	E		14



8580E1
5m: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: RSC Ext (ab)
Raw Sample Relinquished by: [Signature]

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



LAB CHRONICLE

OrderID:	Q3756	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
Q3756-01	OW-04B-26.5-120225	Water	SVOC-SIMGroup1	8270-Modified	12/02/25	12/05/25	12/06/25	12/02/25
Q3756-03	BR-01-190-120225	Water	SVOC-SIMGroup1	8270-Modified	12/02/25	12/05/25	12/06/25	12/02/25
Q3756-03DL	BR-01-190-120225DL	Water	SVOC-SIMGroup1	8270-Modified	12/02/25	12/05/25	12/12/25	12/02/25
Q3756-05	MW-04-12-120225	Water	SVOC-SIMGroup1	8270-Modified	12/02/25	12/05/25	12/06/25	12/02/25
Q3756-07	MW-13B-47.5-120225	Water	SVOC-SIMGroup1	8270-Modified	12/02/25	12/05/25	12/06/25	12/02/25
Q3756-09	EB01-120225	Water	SVOC-SIMGroup1	8270-Modified	12/02/25	12/05/25	12/06/25	12/02/25