



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

SDG No.: Q3788

Client: JACOBS Engineering Group, Inc.

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
Client ID :	OWBR-05-135-120525						
Q3788-01	OWBR-05-135-120525	WATER	1,4-Dioxane	34.300	E 0.08	0.23	ug/L
			Total Svoc :	34.30			
			Total Concentration:	34.30			
Client ID :	OWBR-05-135-120525DL						
Q3788-01DL	OWBR-05-135-120525D	WATER	1,4-Dioxane	33.700	D 0.76	2.3	ug/L
			Total Svoc :	33.70			
			Total Concentration:	33.70			
Client ID :	OW-01B-66.5-120525						
Q3788-07	OW-01B-66.5-120525	WATER	1,4-Dioxane	0.080	J 0.07	0.22	ug/L
			Total Svoc :	0.08			
			Total Concentration:	0.08			
Client ID :	BR-05-465-120525						
Q3788-09	BR-05-465-120525	WATER	1,4-Dioxane	0.360	0.07	0.2	ug/L
			Total Svoc :	0.36			
			Total Concentration:	0.36			



SAMPLE DATA

Report of Analysis

Client: JACOBS Engineering Group, Inc.	Date Collected: 12/05/25	
Project: Former Schlumberger STC PTC Site D3868221	Date Received: 12/05/25	
Client Sample ID: OWBR-05-135-120525	SDG No.: Q3788	
Lab Sample ID: Q3788-01	Matrix: Water	
Analytical Method: SW8270ESIM Level: LOW	% Solid: 0	
Sample Wt/Vol: 870 mL Final Vol: 1000 uL	Test: SVOC-SIMGroup1	
Prep Method : 3510C Prep Date: 12/08/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
123-91-1	1,4-Dioxane	34.3	E	1	0.080	0.23	ug/L	12/12/25 02:25	PB170850
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.30			30 (47) - 150 (106)	75%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.36			30 (54) - 150 (157)	91%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.32			30 (56) - 130 (116)	81%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.30			30 (50) - 130 (126)	76%	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	5200							
1146-65-2	Naphthalene-d8	14000							
15067-26-2	Acenaphthene-d10	7500							
1517-22-2	Phenanthrene-d10	14300							
1719-03-5	Chrysene-d12	11000							
1520-96-3	Perylene-d12	10900							

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: 12/05/25	
Project: Former Schlumberger STC PTC Site D3868221	Date Received: 12/05/25	
Client Sample ID: OWBR-05-135-120525DL	SDG No.: Q3788	
Lab Sample ID: Q3788-01DL	Matrix: Water	
Analytical Method: SW8270ESIM Level: LOW	% Solid: 0	
Sample Wt/Vol: 870 mL Final Vol: 1000 uL	Test: SVOC-SIMGroup1	
Prep Method : 3510C Prep Date: 12/08/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
123-91-1	1,4-Dioxane	33.7	D	10	0.76	2.30	ug/L	12/12/25 10:36	PB170850
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.28			30 (47) - 150 (106)	70%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.36			30 (54) - 150 (157)	90%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.32			30 (56) - 130 (116)	80%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.30			30 (50) - 130 (126)	75%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.41			30 (54) - 130 (175)	102%	SPK: 0.4		
INTERNAL STANDARDS		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	5910							
1146-65-2	Naphthalene-d8	15800							
15067-26-2	Acenaphthene-d10	8480							
1517-22-2	Phenanthrene-d10	16300							
1719-03-5	Chrysene-d12	12700							
1520-96-3	Perylene-d12	12600							

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Report of Analysis

Client: JACOBS Engineering Group, Inc.	Date Collected: 12/05/25	
Project: Former Schlumberger STC PTC Site D3868221	Date Received: 12/05/25	
Client Sample ID: OW-01B-66.5-120525	SDG No.: Q3788	
Lab Sample ID: Q3788-07	Matrix: Water	
Analytical Method: SW8270ESIM Level: LOW	% Solid: 0	
Sample Wt/Vol: 920 mL Final Vol: 1000 uL	Test: SVOC-SIMGroup1	
Prep Method : 3510C Prep Date: 12/08/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
123-91-1	1,4-Dioxane	0.080	J	1	0.070	0.22	ug/L	12/11/25 19:40	PB170850
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.27			30 (47) - 150 (106)	67%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.38			30 (54) - 150 (157)	95%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.33			30 (56) - 130 (116)	83%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.27			30 (50) - 130 (126)	68%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.40			30 (54) - 130 (175)	100%	SPK: 0.4		
INTERNAL STANDARDS		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	5780							
1146-65-2	Naphthalene-d8	16000							
15067-26-2	Acenaphthene-d10	8660							
1517-22-2	Phenanthrene-d10	16800							
1719-03-5	Chrysene-d12	13700							
1520-96-3	Perylene-d12	13600							

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Report of Analysis

Client: JACOBS Engineering Group, Inc.	Date Collected: 12/05/25	
Project: Former Schlumberger STC PTC Site D3868221	Date Received: 12/05/25	
Client Sample ID: BR-05-465-120525	SDG No.: Q3788	
Lab Sample ID: Q3788-09	Matrix: Water	
Analytical Method: SW8270ESIM Level: LOW	% Solid: 0	
Sample Wt/Vol: 980 mL Final Vol: 1000 uL	Test: SVOC-SIMGroup1	
Prep Method : 3510C Prep Date: 12/08/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
123-91-1	1,4-Dioxane	0.36		1	0.070	0.20	ug/L	12/12/25 06:02	PB170850
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.27			30 (47) - 150 (106)	68%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.36			30 (54) - 150 (157)	89%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.27			30 (56) - 130 (116)	67%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.31			30 (50) - 130 (126)	76%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.39			30 (54) - 130 (175)	97%	SPK: 0.4		
INTERNAL STANDARDS		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	5730							
1146-65-2	Naphthalene-d8	15600							
15067-26-2	Acenaphthene-d10	7930							
1517-22-2	Phenanthrene-d10	14300							
1719-03-5	Chrysene-d12	11300							
1520-96-3	Perylene-d12	11200							

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A = Aldol-Condensation Reaction Products

Report of Analysis

Client: JACOBS Engineering Group, Inc.	Date Collected: 12/05/25	
Project: Former Schlumberger STC PTC Site D3868221	Date Received: 12/05/25	
Client Sample ID: MW-16B-87.5-120525	SDG No.: Q3788	
Lab Sample ID: Q3788-11	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: 12/08/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
123-91-1	1,4-Dioxane	0.070	U	1	0.070	0.21	ug/L	12/11/25 20:16	PB170850
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.32			30 (47) - 150 (106)	81%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.40			30 (54) - 150 (157)	100%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.34			30 (56) - 130 (116)	84%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.31			30 (50) - 130 (126)	78%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.41			30 (54) - 130 (175)	102%	SPK: 0.4		
INTERNAL STANDARDS		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	5310							
1146-65-2	Naphthalene-d8	14700							
15067-26-2	Acenaphthene-d10	8120							
1517-22-2	Phenanthrene-d10	14800							
1719-03-5	Chrysene-d12	12200							
1520-96-3	Perylene-d12	12500							

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QC SUMMARY

Surrogate Summary

SW-846

SDG No.: Q3788

Client: JACOBS Engineering Group, Inc.

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
PB170850BL	PB170850BL	2-Methylnaphthalene-d10	0.4	0.36	90		30 (47)	150 (106)
		Fluoranthene-d10	0.4	0.35	88		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.40	100		30 (56)	130 (116)
		2-Fluorobiphenyl	0.4	0.38	94		30 (50)	130 (126)
		Terphenyl-d14	0.4	0.45	113		30 (54)	130 (175)
PB170850BS	PB170850BS	2-Methylnaphthalene-d10	0.4	0.39	96		30 (47)	150 (106)
		Fluoranthene-d10	0.4	0.34	84		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.40	99		30 (56)	130 (116)
		2-Fluorobiphenyl	0.4	0.40	100		30 (50)	130 (126)
		Terphenyl-d14	0.4	0.45	112		30 (54)	130 (175)
Q3788-01	OWBR-05-135-120525	2-Methylnaphthalene-d10	0.4	0.30	75		30 (47)	150 (106)
		Fluoranthene-d10	0.4	0.36	91		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.32	81		30 (56)	130 (116)
		2-Fluorobiphenyl	0.4	0.30	76		30 (50)	130 (126)
		Terphenyl-d14	0.4	0.42	104		30 (54)	130 (175)
Q3788-01DL	OWBR-05-135-120525DL	2-Methylnaphthalene-d10	0.4	0.28	70		30 (47)	150 (106)
		Fluoranthene-d10	0.4	0.36	90		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.32	80		30 (56)	130 (116)
		2-Fluorobiphenyl	0.4	0.30	75		30 (50)	130 (126)
		Terphenyl-d14	0.4	0.41	102		30 (54)	130 (175)
Q3788-02MS	OWBR-05-135-120525MS	2-Methylnaphthalene-d10	0.4	0.29	72		30 (47)	150 (106)
		Fluoranthene-d10	0.4	0.37	93		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.33	81		30 (56)	130 (116)
		2-Fluorobiphenyl	0.4	0.32	79		30 (50)	130 (126)
		Terphenyl-d14	0.4	0.40	101		30 (54)	130 (175)
Q3788-03MSD	OWBR-05-135-120525MSD	2-Methylnaphthalene-d10	0.4	0.26	65		30 (47)	150 (106)
		Fluoranthene-d10	0.4	0.35	86		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.31	76		30 (56)	130 (116)
		2-Fluorobiphenyl	0.4	0.31	77		30 (50)	130 (126)
		Terphenyl-d14	0.4	0.38	96		30 (54)	130 (175)
Q3788-07	OW-01B-66.5-120525	2-Methylnaphthalene-d10	0.4	0.27	67		30 (47)	150 (106)
		Fluoranthene-d10	0.4	0.38	95		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.33	83		30 (56)	130 (116)
		2-Fluorobiphenyl	0.4	0.27	68		30 (50)	130 (126)
		Terphenyl-d14	0.4	0.40	100		30 (54)	130 (175)
Q3788-09	BR-05-465-120525	2-Methylnaphthalene-d10	0.4	0.27	68		30 (47)	150 (106)
		Fluoranthene-d10	0.4	0.36	89		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.27	67		30 (56)	130 (116)
		2-Fluorobiphenyl	0.4	0.31	76		30 (50)	130 (126)
		Terphenyl-d14	0.4	0.39	97		30 (54)	130 (175)
Q3788-11	MW-16B-87.5-120525	2-Methylnaphthalene-d10	0.4	0.32	81		30 (47)	150 (106)
		Fluoranthene-d10	0.4	0.40	100		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.34	84		30 (56)	130 (116)
		2-Fluorobiphenyl	0.4	0.31	78		30 (50)	130 (126)
		Terphenyl-d14	0.4	0.41	102		30 (54)	130 (175)

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.:	Q3788	Analytical Method:	SW8270-Modified
Client:	JACOBS Engineering Group, Inc.	DataFile:	BN038335.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	Q3788-02MS	Client Sample ID:	OWBR-05-135-120525MS								
1,4-Dioxane	0.41	34.3	31.0	ug/L	-805	*			20 (10)	160 (175)	

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.:

Q3788

Analytical Method:

SW8270-Modified

Client:

JACOBS Engineering Group, Inc.

DataFile:

BN038336.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	Q3788-03MSD	Client Sample ID:	OWBR-05-135-120525MSD								
1,4-Dioxane	0.4	34.3	28.3	ug/L	-1500	*	60	*	20 (10)	160 (175)	20 (20)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3788

Analytical Method: 8270-Modified

Client: JACOBS Engineering Group, Inc.

DataFile: BN038327.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB170850BS	1,4-Dioxane	0.4	0.30	ug/L	75				20 (65)	160 (116)	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID

PB170850BL

Lab Name: Alliance

Contract: JAC005

Lab Code: ACE

SDG NO.: Q3788

Lab File ID: BN038312.D

Lab Sample ID: PB170850BL

Instrument ID: BNA_N

Date Extracted: 12/08/2025

Matrix: (soil/water) Water

Date Analyzed: 12/11/2025

Level: (low/med) LOW

Time Analyzed: 11:49

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB170850BS	PB170850BS	BN038327.D	12/11/2025
OW-01B-66.5-120525	Q3788-07	BN038325.D	12/11/2025
OWBR-05-135-120525	Q3788-01	BN038334.D	12/12/2025
OWBR-05-135-120525MS	Q3788-02MS	BN038335.D	12/12/2025
OWBR-05-135-120525MSD	Q3788-03MSD	BN038336.D	12/12/2025
MW-16B-87.5-120525	Q3788-11	BN038326.D	12/11/2025
BR-05-465-120525	Q3788-09	BN038340.D	12/12/2025

COMMENTS: _____

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.: Q3788
DFTPP Injection Date: 12/10/2025
DFTPP Injection Time: 09:12

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

1-Value is % mass 69

2-Value is % mass 442

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

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

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

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

Contract: JAC005
SDG NO.: Q3788
DFTPP Injection Date: 12/11/2025
DFTPP Injection Time: 10:33

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.2) 1
69	Mass 69 relative abundance	36.8
70	Less than 2.0% of mass 69	0.2 (0.5) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
365	Greater than 1% of mass 198	3.2
441	Present, but less than mass 443	13
442	Greater than 50% of mass 198	87.3
443	15.0 - 24.0% of mass 442	16.6 (19) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC0.4	SSTDCCC0.4	BN038311.D	12/11/2025	11:13
PB170850BL	PB170850BL	BN038312.D	12/11/2025	11:49
OW-01B-66.5-120525	Q3788-07	BN038325.D	12/11/2025	19:40
MW-16B-87.5-120525	Q3788-11	BN038326.D	12/11/2025	20:16
PB170850BS	PB170850BS	BN038327.D	12/11/2025	20:52

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.: Q3788
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
OWBR-05-135-120525	Q3788-01	BN038334.D	12/12/2025	02:25
OWBR-05-135-120525MS	Q3788-02MS	BN038335.D	12/12/2025	03:01
OWBR-05-135-120525MSD	Q3788-03MSD	BN038336.D	12/12/2025	03:37
BR-05-465-120525	Q3788-09	BN038340.D	12/12/2025	06:02

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BN038342.D
Instrument ID: BNA_N

Contract: JAC005
SDG NO.: Q3788
DFTPP Injection Date: 12/12/2025
DFTPP Injection Time: 08:45

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.3) 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	7
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	13
442	Greater than 50% of mass 198	87.1
443	15.0 - 24.0% of mass 442	15.3 (17.6) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC0.4	SSTDCCC0.4	BN038343.D	12/12/2025	09:24
OWBR-05-135-120525DL	Q3788-01DL	BN038345.D	12/12/2025	10:36

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3788

Client ID : SSTDCCC0.4

Date Analyzed: 12/11/2025

Lab File ID: BN038311.D

Time Analyzed: 11:13

Instrument ID: BNA_N

GC Column: ZB-GR ID: 0.25 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	6458	7.724	17315	10.53	8838	14.40
UPPER LIMIT	12916	8.224	34630	11.03	17676	14.898
LOWER LIMIT	3229	7.224	8657.5	10.03	4419	13.898
EPA SAMPLE NO.						
01 OW-01B-66.5-120525	5784	7.72	15998	10.52	8662	14.39
02 PB170850BS	6134	7.72	16248	10.52	7966	14.39
03 PB170850BL	6927	7.72	17922	10.53	8615	14.40
04 MW-16B-87.5-120525	5312	7.72	14704	10.52	8122	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.: Q3788

Client ID: SSTDCCC0.4

Date Analyzed: 12/11/2025

Lab File ID: BN038311.D

Time Analyzed: 11:13

Instrument ID: BNA_N

GC Column: ZB-GR ID: 0.25 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	16176	17.148	12783	21.348	13576	23.639
UPPER LIMIT	32352	17.648	25566	21.848	27152	24.139
LOWER LIMIT	8088	16.648	6391.5	20.848	6788	23.139
EPA SAMPLE NO.						
01 OW-01B-66.5-120525	16764	17.15	13742	21.34	13571	23.64
02 PB170850BS	13383	17.15	8501	21.34	8673	23.64
03 PB170850BL	14660	17.15	9357	21.35	9320	23.64
04 MW-16B-87.5-120525	14757	17.15	12246	21.34	12457	23.64

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3788

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 OWBR-05-135-120525	5197	7.72	13973	10.53	7503	14.40
02 OWBR-05-135-120525MS	5363	7.72	14242	10.52	7200	14.39
03 OWBR-05-135-120525MSD	5563	7.72	14775	10.52	7579	14.39
04 BR-05-465-120525	5725	7.72	15596	10.52	7934	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.: Q3788

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 OWBR-05-135-120525	14344	17.15	10965	21.34	10923	23.63
02 OWBR-05-135-120525MS	12520	17.15	10004	21.34	10310	23.63
03 OWBR-05-135-120525MSD	13283	17.15	10457	21.34	10825	23.63
04 BR-05-465-120525	14347	17.15	11335	21.34	11188	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.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3788

Client ID : SSTDCCC0.4

Date Analyzed: 12/12/2025

Lab File ID: BN038343.D

Time Analyzed: 09:24

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	5196	7.724	14288	10.52	7596	14.39
UPPER LIMIT	10392	8.224	28576	11.019	15192	14.887
LOWER LIMIT	2598	7.224	7144	10.019	3798	13.887
EPA SAMPLE NO.						
01 OWBR-05-135-120525DL	5910	7.72	15826	10.52	8475	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.: Q3788

Client ID: SSTDCCC0.4

Date Analyzed: 12/12/2025

Lab File ID: BN038343.D

Time Analyzed: 09:24

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	14177	17.148	11670	21.339	12444	23.633
UPPER LIMIT	28354	17.648	23340	21.839	24888	24.133
LOWER LIMIT	7088.5	16.648	5835	20.839	6222	23.133
EPA SAMPLE NO.						
01 OWBR-05-135-120525DL	16300	17.15	12712	21.34	12609	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: PB170850BL	SDG No.:	Q3788
Lab Sample ID: PB170850BL	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: 12/08/25		

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	12/11/25 11:49	PB170850
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.36			30 (47) - 150 (106)	90%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.35			30 (54) - 150 (157)	88%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.40			30 (56) - 130 (116)	100%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.38			30 (50) - 130 (126)	94%	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	6930							
1146-65-2	Naphthalene-d8	17900							
15067-26-2	Acenaphthene-d10	8620							
1517-22-2	Phenanthrene-d10	14700							
1719-03-5	Chrysene-d12	9360							
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

Report of Analysis

Client: JACOBS Engineering Group, Inc.	Date Collected:	
Project: Former Schlumberger STC PTC Site D3868221	Date Received:	
Client Sample ID: PB170850BS	SDG No.:	Q3788
Lab Sample ID: PB170850BS	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: 12/08/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
123-91-1	1,4-Dioxane	0.30		1	0.070	0.20	ug/L	12/11/25 20:52	PB170850
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.39			30 (47) - 150 (106)	96%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.34			30 (54) - 150 (157)	84%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.40			30 (56) - 130 (116)	99%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.40			30 (50) - 130 (126)	100%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.45			30 (54) - 130 (175)	112%	SPK: 0.4		
INTERNAL STANDARDS		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	6130							
1146-65-2	Naphthalene-d8	16200							
15067-26-2	Acenaphthene-d10	7970							
1517-22-2	Phenanthrene-d10	13400							
1719-03-5	Chrysene-d12	8500							
1520-96-3	Perylene-d12	8670							

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: 12/05/25	
Project: Former Schlumberger STC PTC Site D3868221	Date Received: 12/05/25	
Client Sample ID: OWBR-05-135-120525MS	SDG No.: Q3788	
Lab Sample ID: Q3788-02MS	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: 12/08/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
123-91-1	1,4-Dioxane	31.0	E	1	0.070	0.21	ug/L	12/12/25 03:01	PB170850
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.29			30 (47) - 150 (106)	72%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.37			30 (54) - 150 (157)	93%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.33			30 (56) - 130 (116)	81%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.32			30 (50) - 130 (126)	79%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.40			30 (54) - 130 (175)	101%	SPK: 0.4		
INTERNAL STANDARDS		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	5360							
1146-65-2	Naphthalene-d8	14200							
15067-26-2	Acenaphthene-d10	7200							
1517-22-2	Phenanthrene-d10	12500							
1719-03-5	Chrysene-d12	10000							
1520-96-3	Perylene-d12	10300							

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: 12/05/25	
Project: Former Schlumberger STC PTC Site D3868221	Date Received: 12/05/25	
Client Sample ID: OWBR-05-135-120525MSD	SDG No.: Q3788	
Lab Sample ID: Q3788-03MSD	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: 12/08/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
123-91-1	1,4-Dioxane	28.3	E	1	0.070	0.20	ug/L	12/12/25 03:37	PB170850
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.26			30 (47) - 150 (106)	65%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.35			30 (54) - 150 (157)	86%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.31			30 (56) - 130 (116)	76%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.31			30 (50) - 130 (126)	77%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.38			30 (54) - 130 (175)	96%	SPK: 0.4		
INTERNAL STANDARDS		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	5560							
1146-65-2	Naphthalene-d8	14800							
15067-26-2	Acenaphthene-d10	7580							
1517-22-2	Phenanthrene-d10	13300							
1719-03-5	Chrysene-d12	10500							
1520-96-3	Perylene-d12	10800							

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-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.: Q3788
 Instrument ID: BNA_N Calibration Date/Time: 12/11/2025 11:13
 Lab File ID: BN038311.D Init. Calib. Date(s): 12/10/2025 12/10/2025
 EPA Sample No.: SSTDCCC0.4 Init. Calib. Time(s): 09:52 13:30
 GC Column: ZB-GR ID: 0.25 (mm)

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

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: JAC005
 Lab Code: ACE SDG No.: Q3788
 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.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>JAC005</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3788</u>
Instrument ID:	<u>BNA_N</u>	Calibration Date/Time:	<u>12/12/2025 09:24</u>
Lab File ID:	<u>BN038343.D</u>	Init. Calib. Date(s):	<u>12/10/2025 12/10/2025</u>
EPA Sample No.:	<u>SSTDCCC0.4</u>	Init. Calib. Time(s):	<u>09:52 13:30</u>
GC Column:	<u>ZB-GR</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF0.4	MIN RRF	%D	MAX%D
2-Methylnaphthalene-d10	0.564	0.557		-1.2	20.0
Fluoranthene-d10	0.990	1.007		1.7	20.0
2-Fluorophenol	0.996	0.966		-3.0	20.0
Phenol-d6	1.184	1.162		-1.9	20.0
Nitrobenzene-d5	0.337	0.317		-5.9	20.0
2-Fluorobiphenyl	1.914	1.930		0.8	20.0
2,4,6-Tribromophenol	0.177	0.159		-10.2	20.0
Terphenyl-d14	0.893	0.853		-4.5	20.0
1,4-Dioxane	0.459	0.488		6.3	20.0

All other compounds must meet a minimum RRF of 0.010.



SAMPLE RAW DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121125\
 Data File : BN038334.D
 Acq On : 12 Dec 2025 02:25
 Operator : RC/JU
 Sample : Q3788-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 OWBR-05-135-120525

A
B
C
D
E
F
G
H
I
J
K

Quant Time: Dec 12 04:17:38 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 10 13:56:50 2025
 Response via : Initial Calibration

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

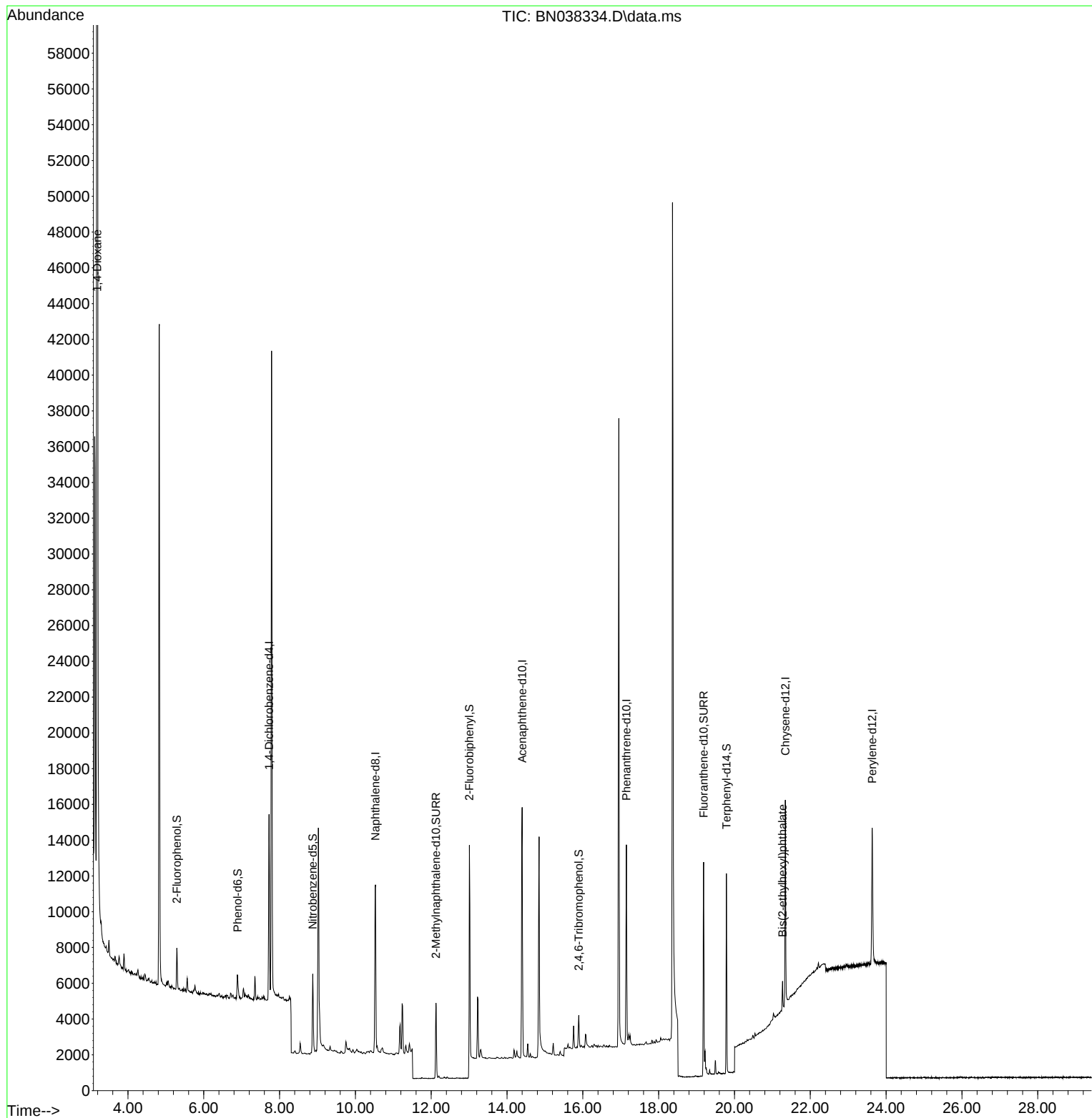
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	5197	0.400	ng	0.00
7) Naphthalene-d8	10.530	136	13973	0.400	ng	0.00
13) Acenaphthene-d10	14.398	164	7503	0.400	ng	0.00
19) Phenanthrene-d10	17.148	188	14344	0.400	ng	0.00
29) Chrysene-d12	21.339	240	10965	0.400	ng	0.00
35) Perylene-d12	23.633	264	10923	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.290	112	1875	0.145	ng	0.00
5) Phenol-d6	6.894	99	1342	0.087	ng	0.00
8) Nitrobenzene-d5	8.875	82	3801	0.322	ng	0.00
11) 2-Methylnaphthalene-d10	12.126	152	5874	0.298	ng	0.00
14) 2,4,6-Tribromophenol	15.895	330	1093	0.328	ng	0.00
15) 2-Fluorobiphenyl	13.008	172	10958	0.303	ng	0.00
27) Fluoranthene-d10	19.187	212	12918	0.364	ng	0.00
31) Terphenyl-d14	19.787	244	10198	0.417	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.189	88	177803	29.838	ng	99
34) Bis(2-ethylhexyl)phtha...	21.268	149	1697	0.073	ng	# 97

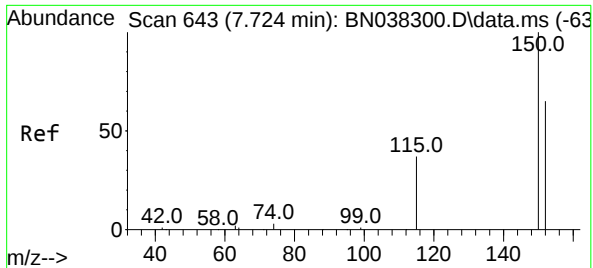
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121125\
Data File : BN038334.D
Acq On : 12 Dec 2025 02:25
Operator : RC/JU
Sample : Q3788-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
OWBR-05-135-120525

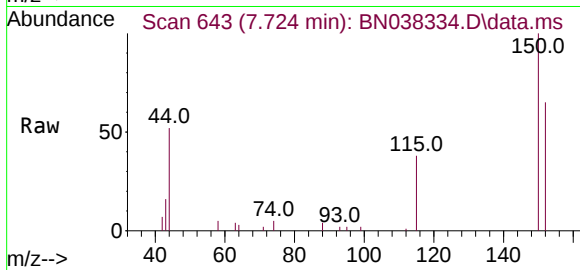
Quant Time: Dec 12 04:17:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 10 13:56:50 2025
Response via : Initial Calibration



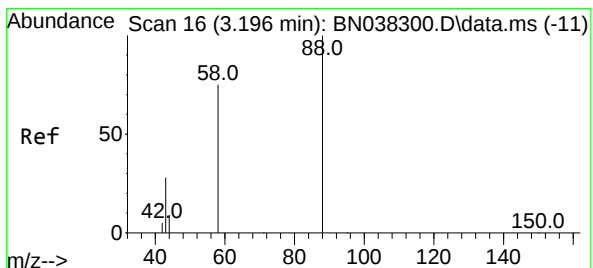
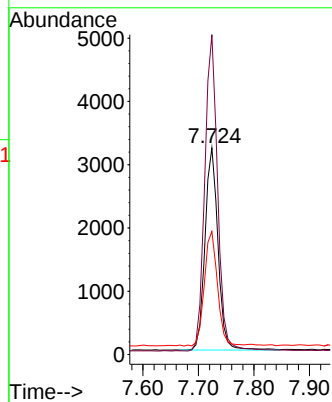
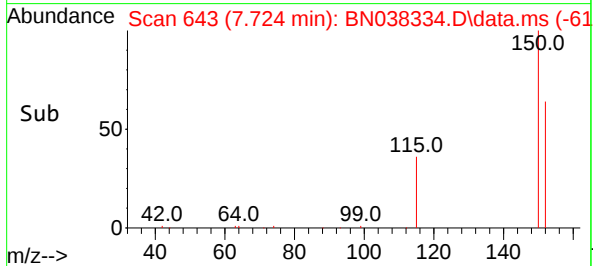


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.724 min Scan# 64
Delta R.T. 0.000 min
Lab File: BN038334.D
Acq: 12 Dec 2025 02:25

Instrument :
BNA_N
ClientSampleId :
OWBR-05-135-120525

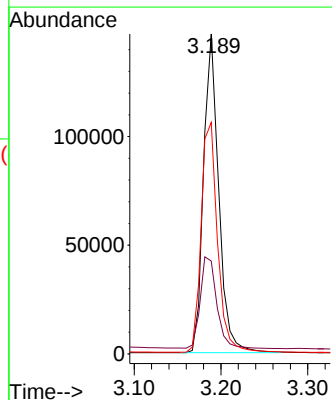
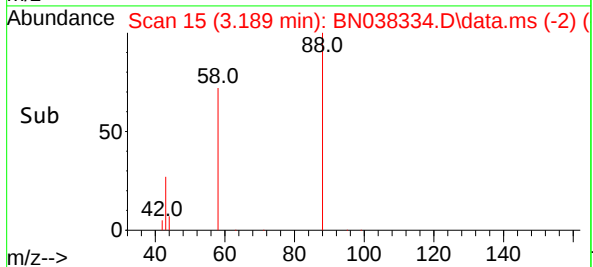
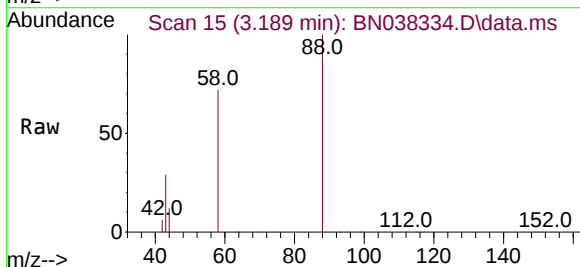


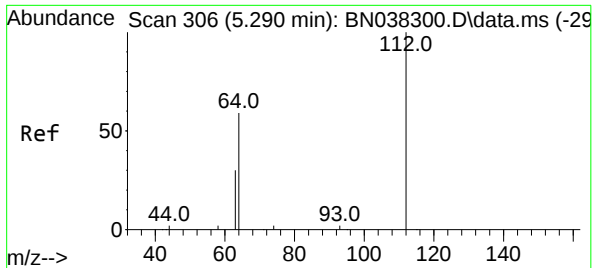
Tgt Ion:152 Resp: 5197
Ion Ratio Lower Upper
152 100
150 154.7 122.4 183.6
115 59.5 47.3 70.9



#2
1,4-Dioxane
Concen: 29.838 ng
RT: 3.189 min Scan# 15
Delta R.T. -0.007 min
Lab File: BN038334.D
Acq: 12 Dec 2025 02:25

Tgt Ion: 88 Resp: 177803
Ion Ratio Lower Upper
88 100
43 31.4 24.9 37.3
58 77.6 61.4 92.0

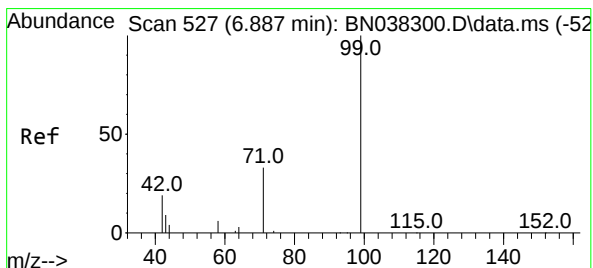
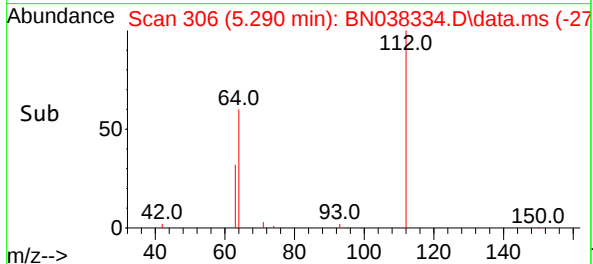
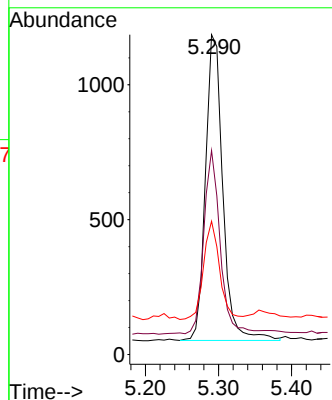
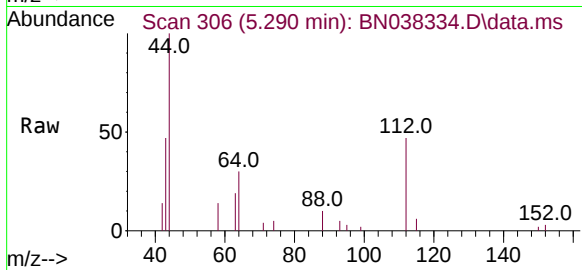




#4
2-Fluorophenol
Concen: 0.145 ng
RT: 5.290 min Scan# 306
Delta R.T. -0.000 min
Lab File: BN038334.D
Acq: 12 Dec 2025 02:25

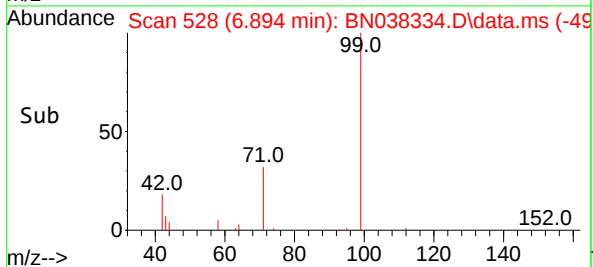
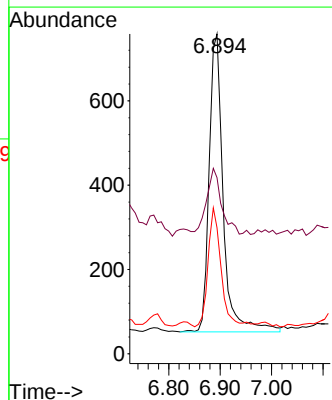
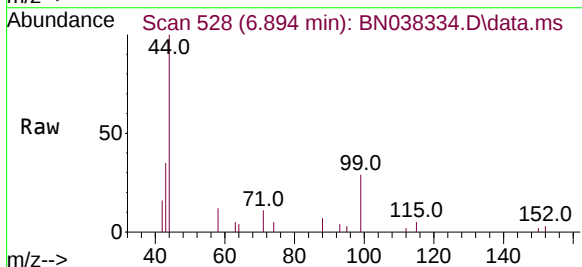
Instrument :
BNA_N
ClientSampleId :
OWBR-05-135-120525

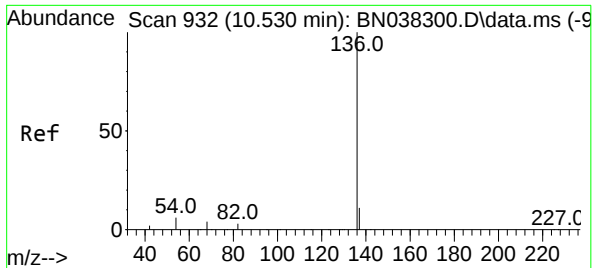
Tgt Ion:	112	Resp:	1875
Ion	Ratio	Lower	Upper
112	100		
64	57.1	44.4	66.6
63	29.8	23.4	35.0



#5
Phenol-d6
Concen: 0.087 ng
RT: 6.894 min Scan# 528
Delta R.T. 0.007 min
Lab File: BN038334.D
Acq: 12 Dec 2025 02:25

Tgt Ion:	99	Resp:	1342
Ion	Ratio	Lower	Upper
99	100		
42	22.3	16.5	24.7
71	37.2	24.9	37.3

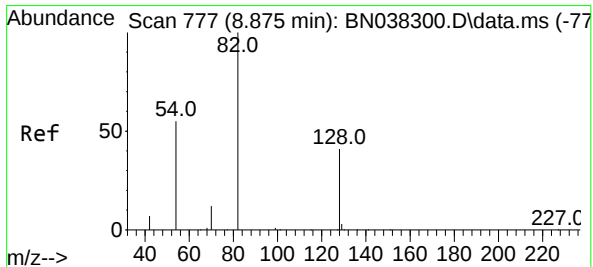
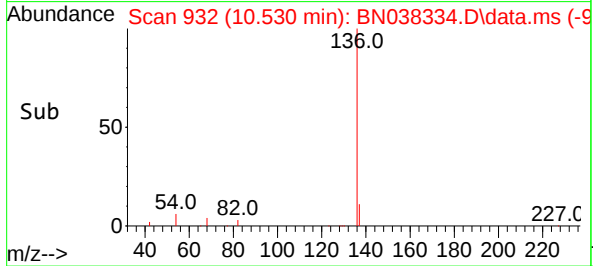
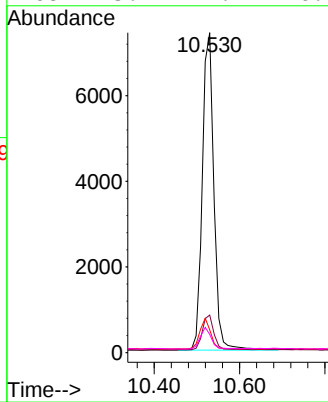
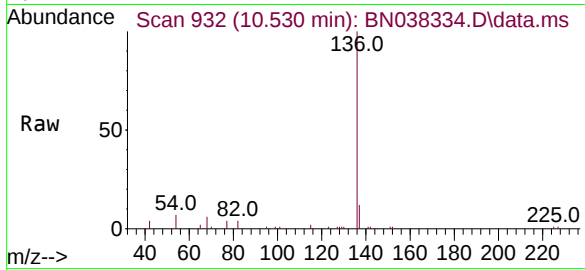




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.530 min Scan# 932
Delta R.T. -0.000 min
Lab File: BN038334.D
Acq: 12 Dec 2025 02:25

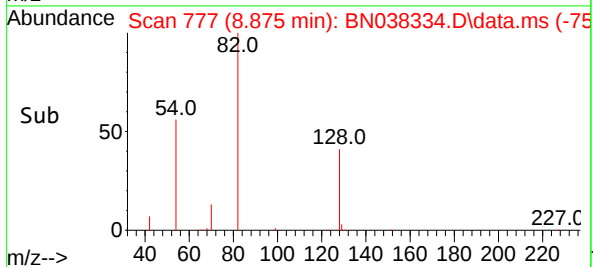
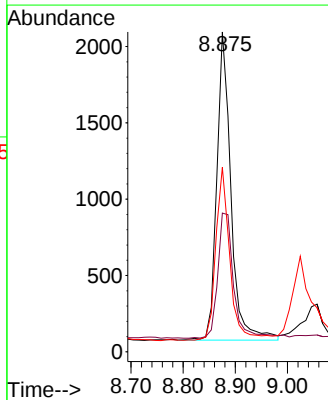
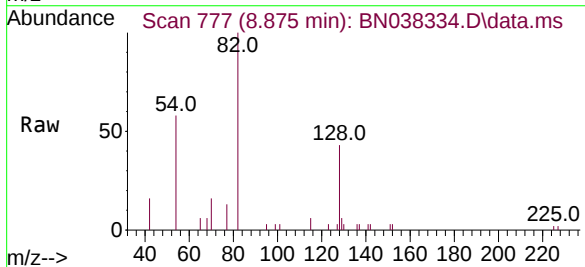
Instrument :
BNA_N
ClientSampleId :
OWBR-05-135-120525

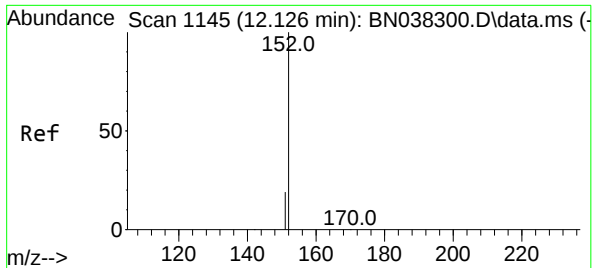
Tgt Ion:	136	Resp:	13973
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.1	13.7
54	7.1	5.2	7.8
68	5.7	4.1	6.1



#8
Nitrobenzene-d5
Concen: 0.322 ng
RT: 8.875 min Scan# 777
Delta R.T. -0.000 min
Lab File: BN038334.D
Acq: 12 Dec 2025 02:25

Tgt Ion:	82	Resp:	3801
Ion	Ratio	Lower	Upper
82	100		
128	43.4	34.0	51.0
54	57.7	44.4	66.6

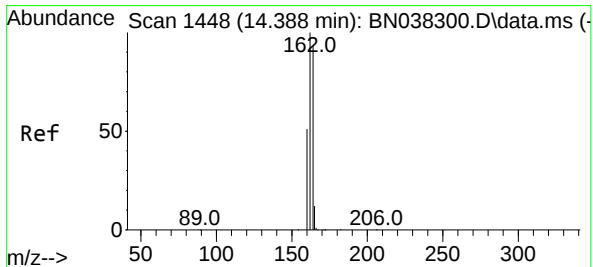
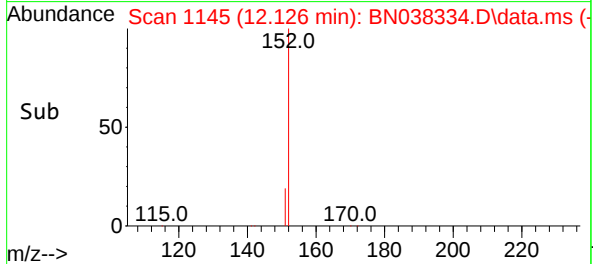
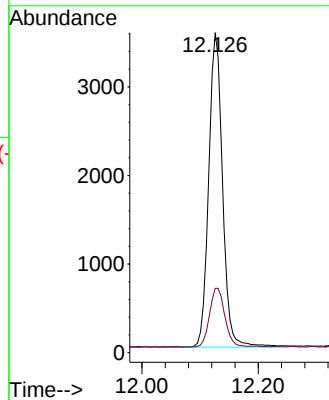
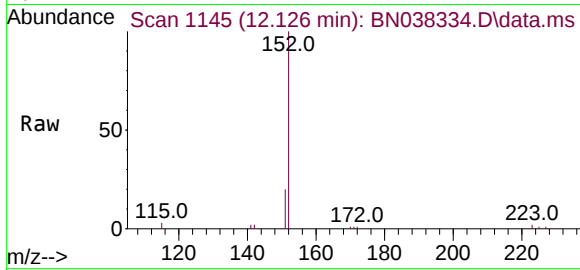




#11
2-Methylnaphthalene-d10
Concen: 0.298 ng
RT: 12.126 min Scan# 1145
Delta R.T. -0.000 min
Lab File: BN038334.D
Acq: 12 Dec 2025 02:25

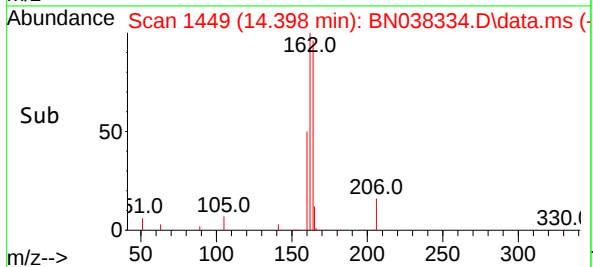
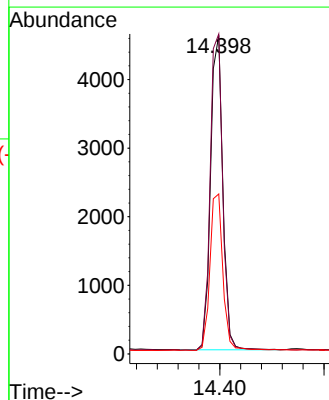
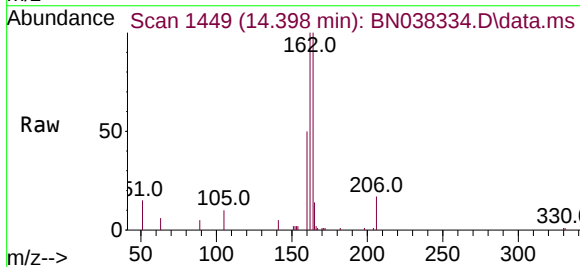
Instrument :
BNA_N
ClientSampleId :
OWBR-05-135-120525

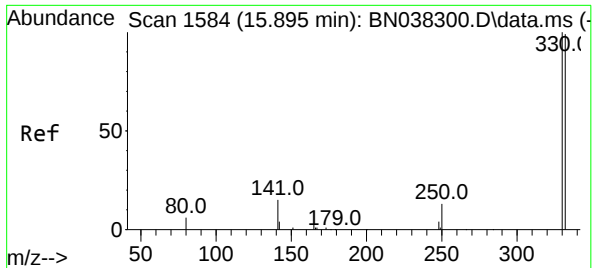
Tgt Ion:152 Resp: 5874
Ion Ratio Lower Upper
152 100
151 21.2 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.398 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BN038334.D
Acq: 12 Dec 2025 02:25

Tgt Ion:164 Resp: 7503
Ion Ratio Lower Upper
164 100
162 100.5 86.2 129.4
160 50.2 44.6 67.0





#14

2,4,6-Tribromophenol

Concen: 0.328 ng

RT: 15.895 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN038334.D

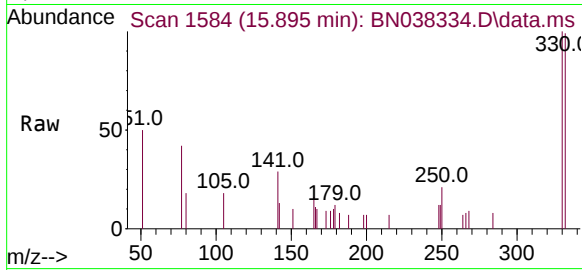
Acq: 12 Dec 2025 02:25

Instrument :

BNA_N

ClientSampleId :

OWBR-05-135-120525



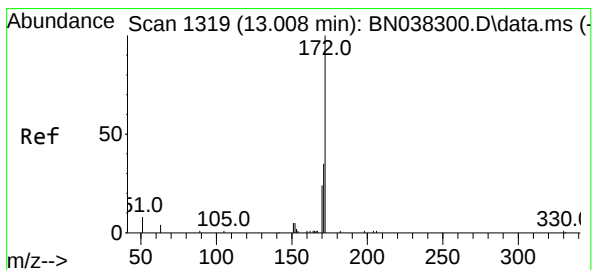
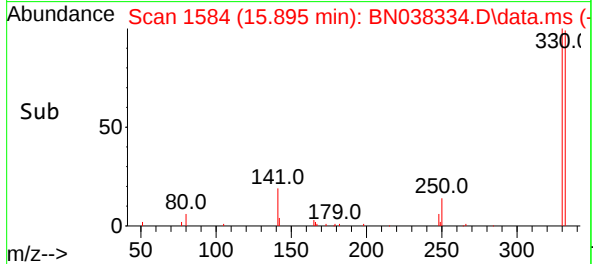
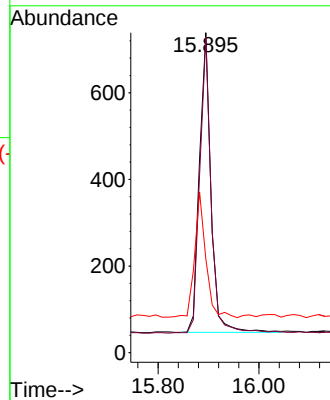
Tgt Ion:330 Resp: 1093

Ion Ratio Lower Upper

330 100

332 97.4 75.8 113.6

141 40.7 31.8 47.8



#15

2-Fluorobiphenyl

Concen: 0.303 ng

RT: 13.008 min Scan# 1319

Delta R.T. -0.000 min

Lab File: BN038334.D

Acq: 12 Dec 2025 02:25

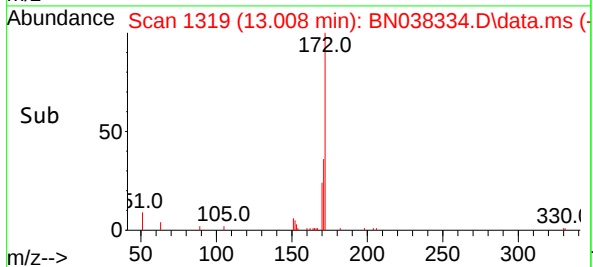
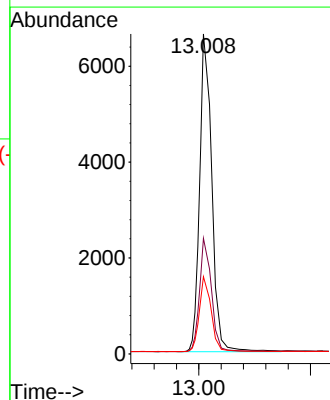
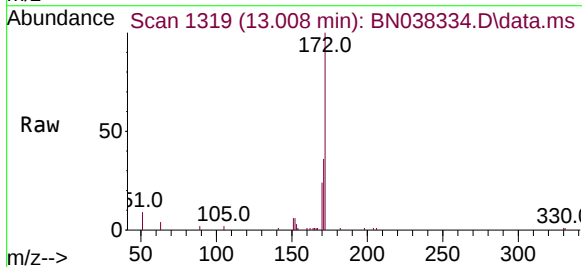
Tgt Ion:172 Resp: 10958

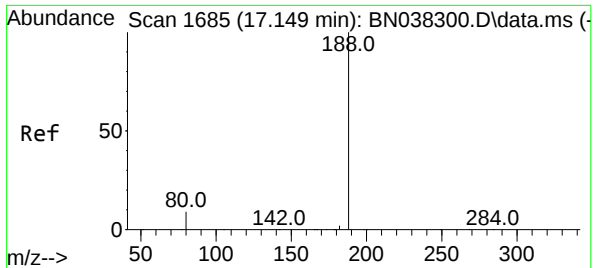
Ion Ratio Lower Upper

172 100

171 36.1 28.6 42.8

170 24.1 19.3 28.9





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.148 min Scan# 1685

Delta R.T. -0.000 min

Lab File: BN038334.D

Acq: 12 Dec 2025 02:25

Instrument :

BNA_N

ClientSampleId :

OWBR-05-135-120525

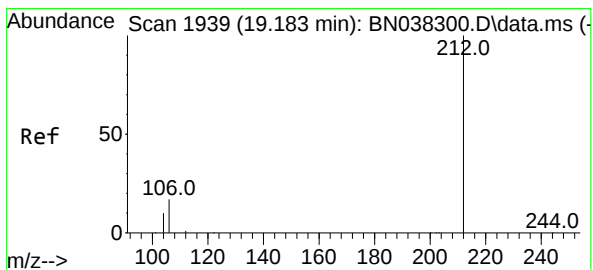
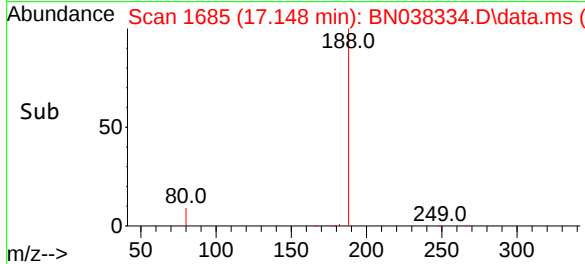
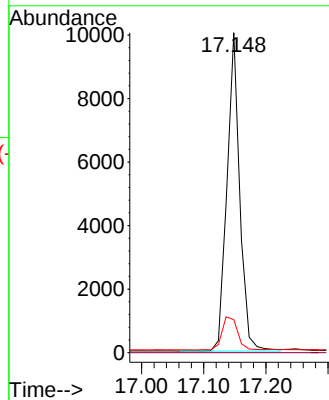
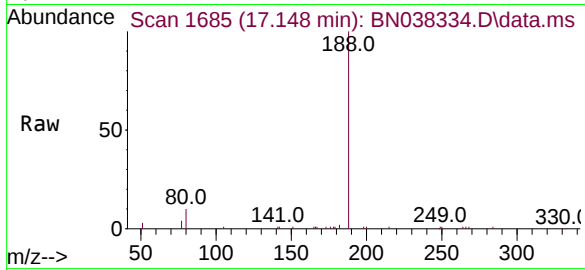
Tgt Ion:188 Resp: 14344

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.3 7.4 11.0



#27

Fluoranthene-d10

Concen: 0.364 ng

RT: 19.187 min Scan# 1940

Delta R.T. -0.000 min

Lab File: BN038334.D

Acq: 12 Dec 2025 02:25

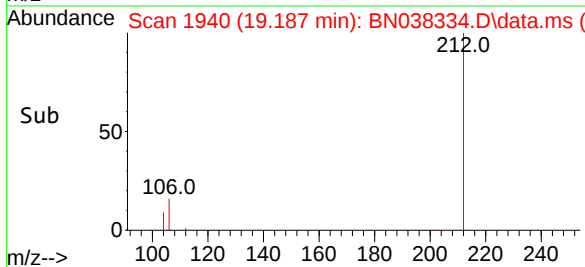
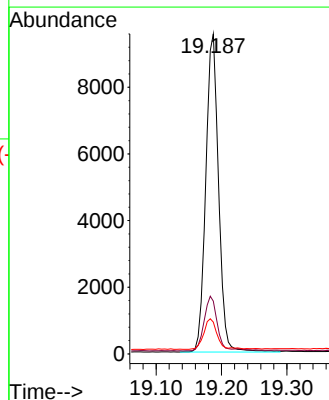
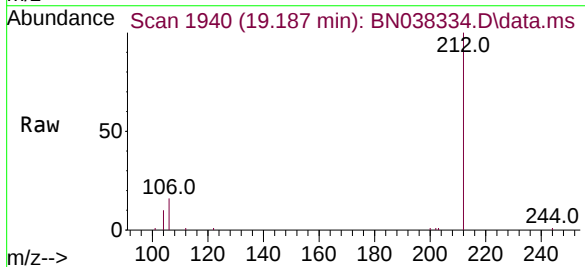
Tgt Ion:212 Resp: 12918

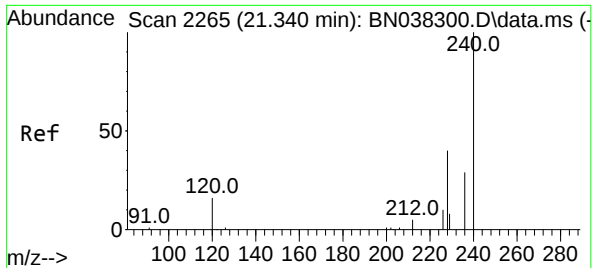
Ion Ratio Lower Upper

212 100

106 17.2 13.7 20.5

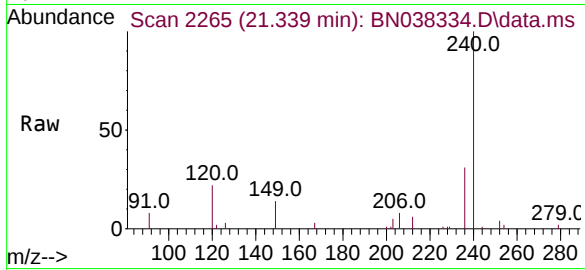
104 10.2 7.8 11.8



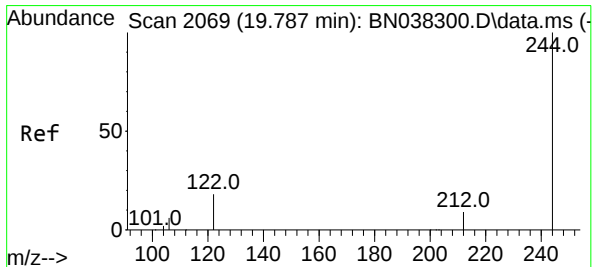
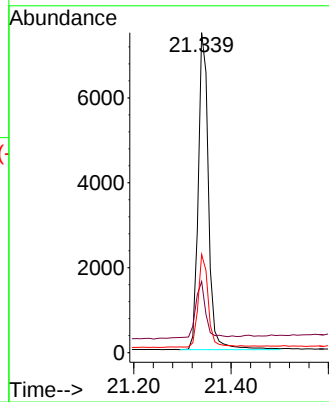
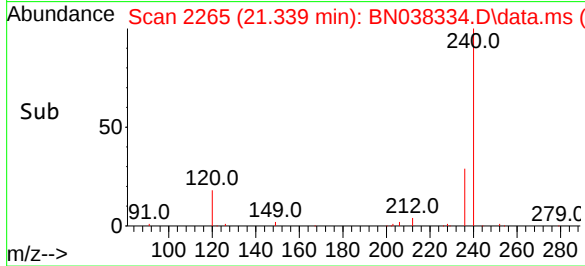


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.339 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN038334.D
Acq: 12 Dec 2025 02:25

Instrument :
BNA_N
ClientSampleId :
OWBR-05-135-120525

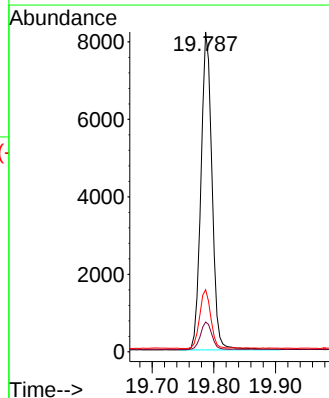
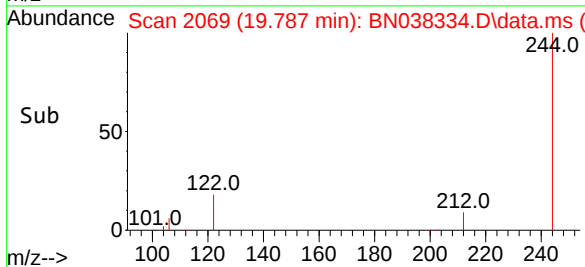
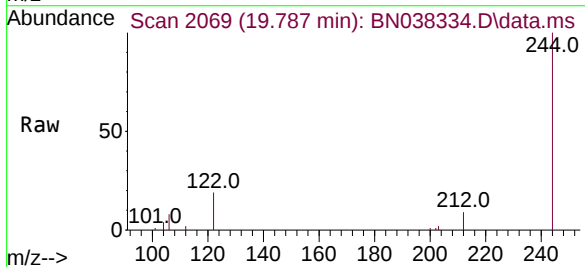


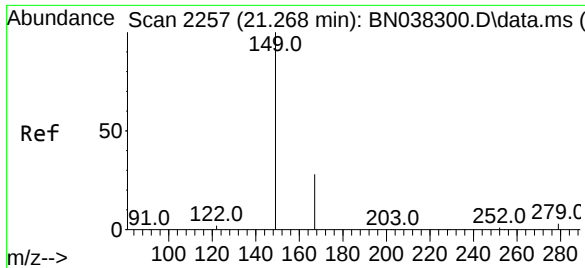
Tgt Ion	Ratio	Lower	Upper
240	100		
120	22.2	15.4	23.2
236	30.7	23.9	35.9



#31
Terphenyl-d14
Concen: 0.417 ng
RT: 19.787 min Scan# 2069
Delta R.T. -0.005 min
Lab File: BN038334.D
Acq: 12 Dec 2025 02:25

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.9	11.9
122	19.4	15.0	22.6

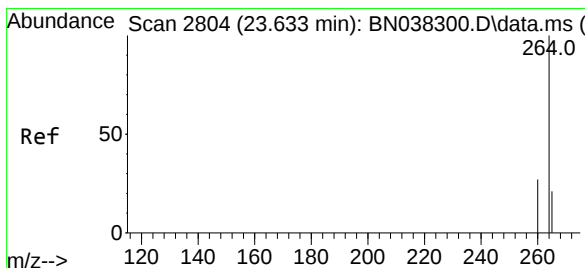
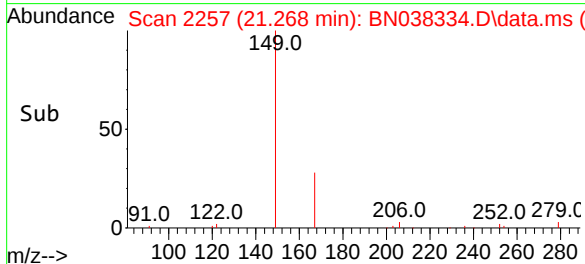
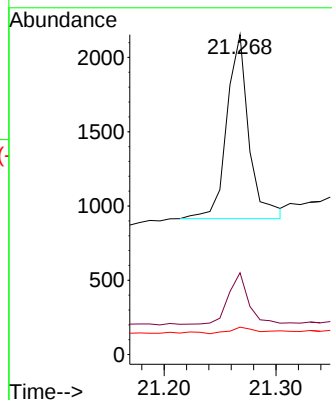
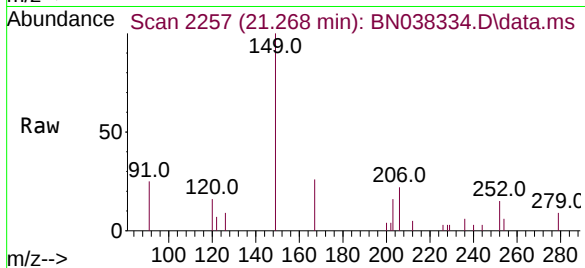




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.073 ng
RT: 21.268 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN038334.D
Acq: 12 Dec 2025 02:25

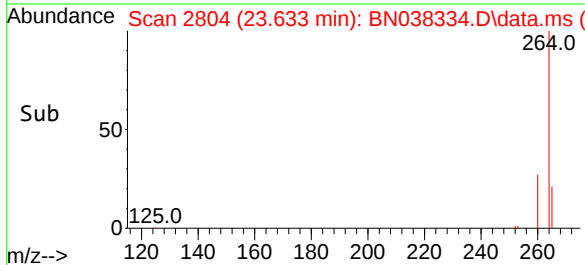
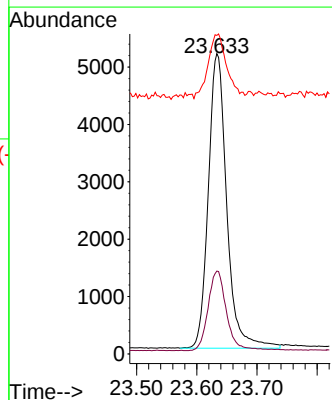
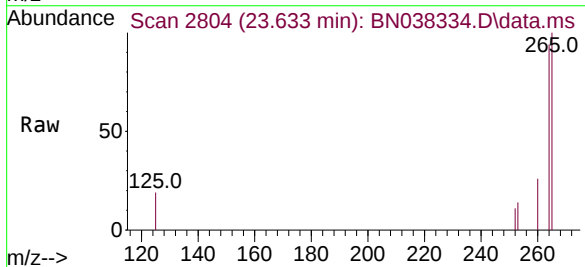
Instrument :
BNA_N
ClientSampleId :
OWBR-05-135-120525

Tgt Ion:149 Resp: 1697
Ion Ratio Lower Upper
149 100
167 25.5 21.4 32.0
279 4.3 2.4 3.6#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.633 min Scan# 2804
Delta R.T. -0.000 min
Lab File: BN038334.D
Acq: 12 Dec 2025 02:25

Tgt Ion:264 Resp: 10923
Ion Ratio Lower Upper
264 100
260 27.6 22.2 33.2
265 106.1 80.2 120.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121225\
Data File : BN038345.D
Acq On : 12 Dec 2025 10:36
Operator : RC/JU
Sample : Q3788-01DL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
OWBR-05-135-120525DL

A
B
C
D
E
F
G
H
I
J
K

Quant Time: Dec 12 10:59:55 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)

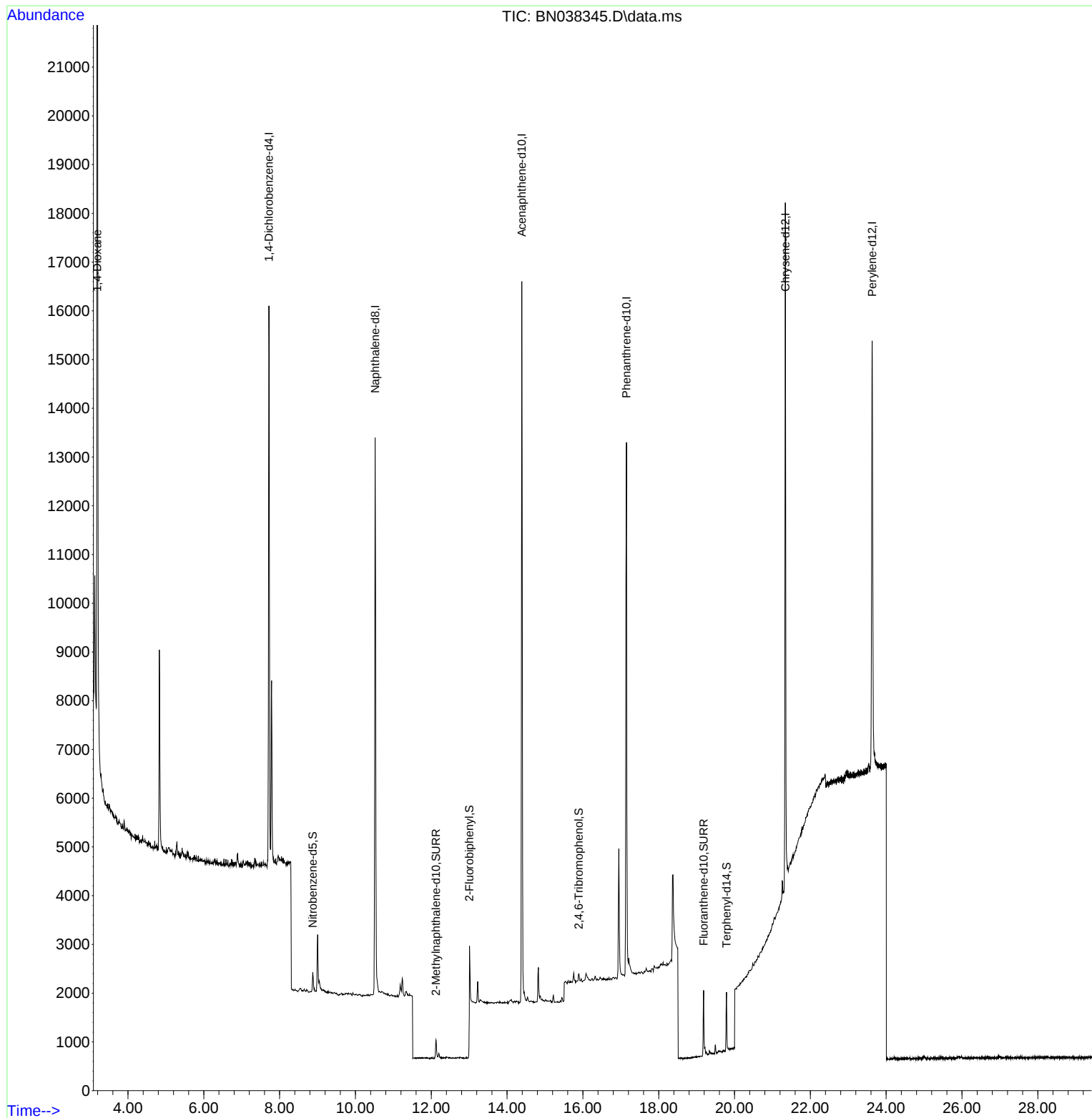
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	5910	0.400	ng	0.00
7) Naphthalene-d8	10.520	136	15826	0.400	ng	#-0.01
13) Acenaphthene-d10	14.388	164	8475	0.400	ng	-0.01
19) Phenanthrene-d10	17.149	188	16300	0.400	ng	0.00
29) Chrysene-d12	21.340	240	12712	0.400	ng	0.00
35) Perylene-d12	23.630	264	12609	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.290	112	250	0.017	ng	0.00
5) Phenol-d6	6.887	99	174	0.010	ng	0.00
8) Nitrobenzene-d5	8.875	82	426	0.032	ng	0.00
11) 2-Methylnaphthalene-d10	12.126	152	631	0.028	ng	0.00
14) 2,4,6-Tribromophenol	15.895	330	114	0.030	ng	0.00
15) 2-Fluorobiphenyl	13.008	172	1223	0.030	ng	0.00
27) Fluoranthene-d10	19.183	212	1457	0.036	ng	0.00
31) Terphenyl-d14	19.787	244	1163	0.041	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.189	88	19876	2.933	ng	Qvalue 98

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

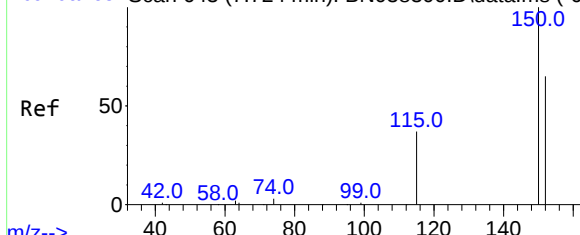
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121225\
Data File : BN038345.D
Acq On : 12 Dec 2025 10:36
Operator : RC/JU
Sample : Q3788-01DL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
OWBR-05-135-120525DL

Quant Time: Dec 12 10:59:55 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



Abundance Scan 643 (7.724 min): BN038300.D\data.ms (-63



#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.717 min Scan# 64

Delta R.T. -0.007 min

Lab File: BN038345.D

Acq: 12 Dec 2025 10:36

Instrument :

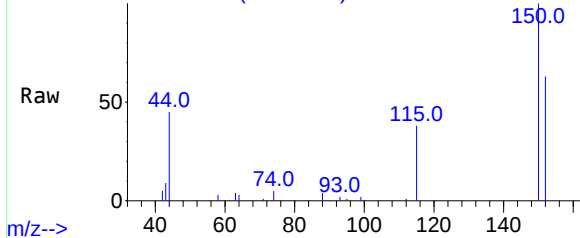
BNA_N

ClientSampleId :

OWBR-05-135-120525DL

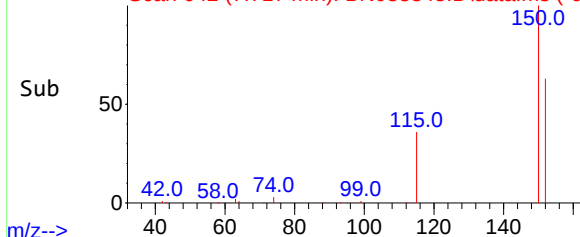
m/z-->

Abundance Scan 642 (7.717 min): BN038345.D\data.ms



m/z-->

Abundance Scan 642 (7.717 min): BN038345.D\data.ms (-61



m/z-->

Tgt Ion:152 Resp: 5910

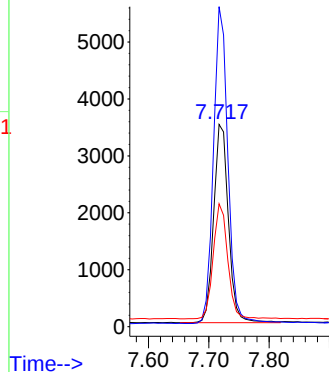
Ion Ratio Lower Upper

152 100

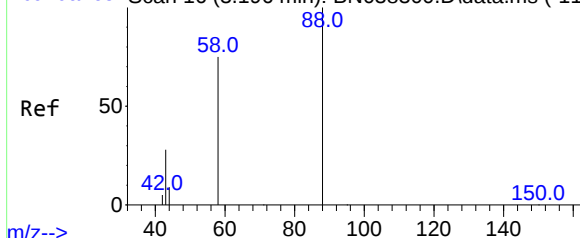
150 158.2 122.4 183.6

115 60.7 47.3 70.9

Abundance

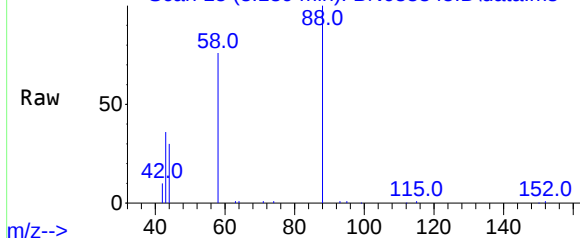


Abundance Scan 16 (3.196 min): BN038300.D\data.ms (-11)



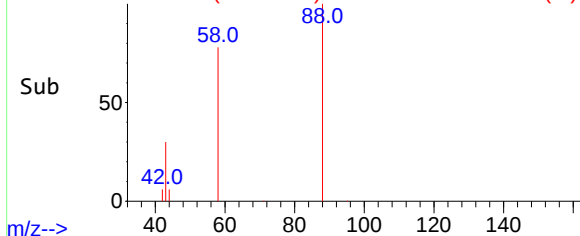
m/z-->

Abundance Scan 15 (3.189 min): BN038345.D\data.ms



m/z-->

Abundance Scan 15 (3.189 min): BN038345.D\data.ms (-2)



m/z-->

#2

1,4-Dioxane

Concen: 2.933 ng

RT: 3.189 min Scan# 15

Delta R.T. -0.007 min

Lab File: BN038345.D

Acq: 12 Dec 2025 10:36

Tgt Ion: 88 Resp: 19876

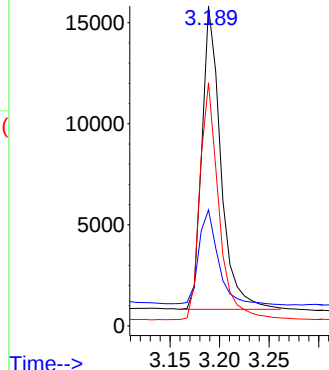
Ion Ratio Lower Upper

88 100

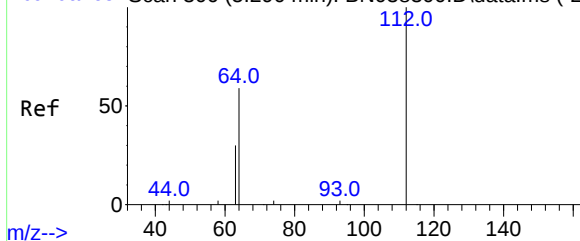
43 32.2 24.9 37.3

58 78.6 61.4 92.0

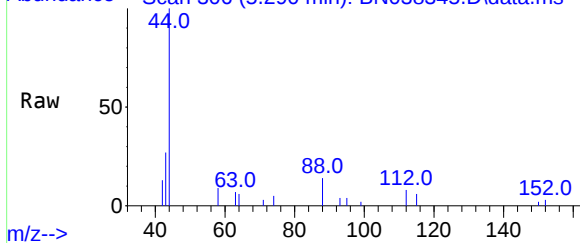
Abundance



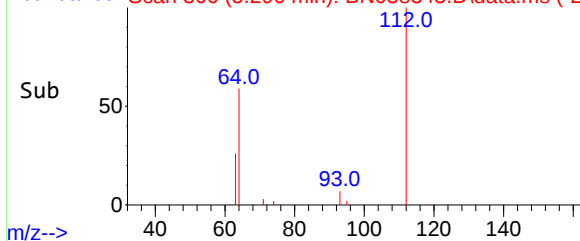
Abundance Scan 306 (5.290 min): BN038300.D\data.ms (-29



Abundance Scan 306 (5.290 min): BN038345.D\data.ms



Abundance Scan 306 (5.290 min): BN038345.D\data.ms (-27



#4

2-Fluorophenol

Concen: 0.017 ng

RT: 5.290 min Scan# 306

Delta R.T. 0.000 min

Lab File: BN038345.D

Acq: 12 Dec 2025 10:36

Instrument :

BNA_N

ClientSampleId :

OWBR-05-135-120525DL

Tgt Ion:112 Resp: 250

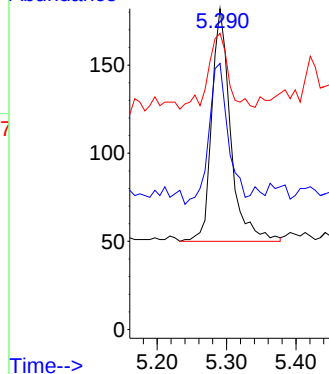
Ion Ratio Lower Upper

112 100

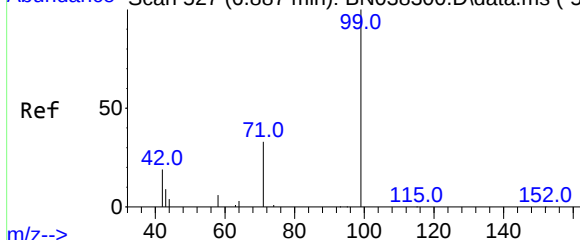
64 62.8 44.4 66.6

63 35.2 23.4 35.0#

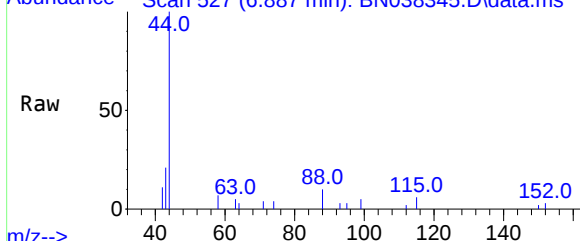
Abundance



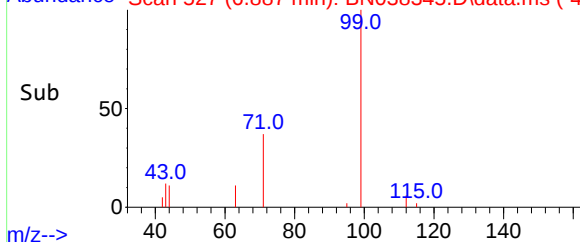
Abundance Scan 527 (6.887 min): BN038300.D\data.ms (-52



Abundance Scan 527 (6.887 min): BN038345.D\data.ms



Abundance Scan 527 (6.887 min): BN038345.D\data.ms (-49



#5

Phenol-d6

Concen: 0.010 ng

RT: 6.887 min Scan# 527

Delta R.T. 0.000 min

Lab File: BN038345.D

Acq: 12 Dec 2025 10:36

Tgt Ion: 99 Resp: 174

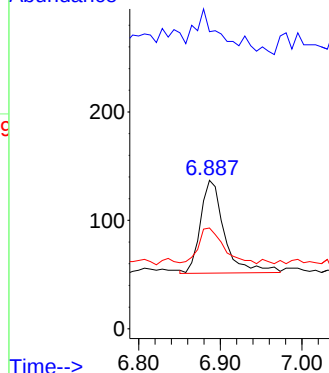
Ion Ratio Lower Upper

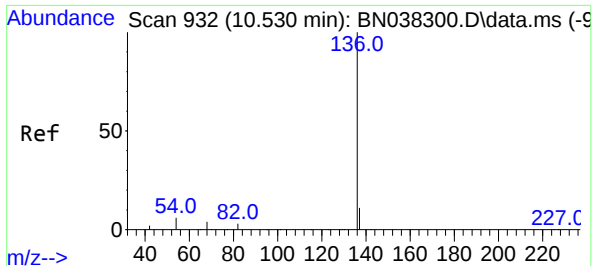
99 100

42 28.2 16.5 24.7#

71 40.2 24.9 37.3#

Abundance

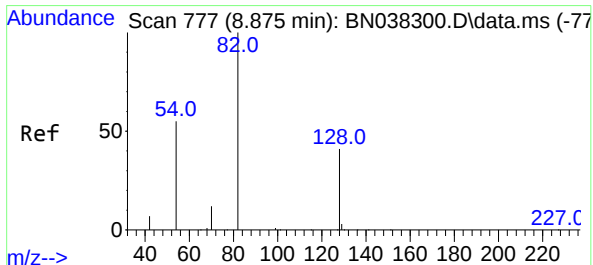
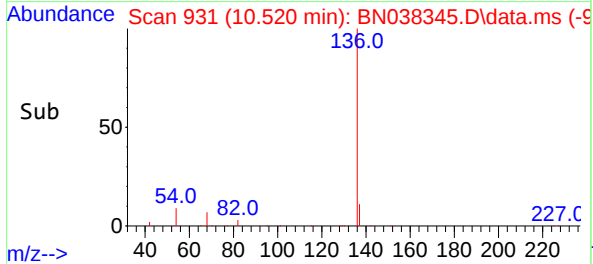
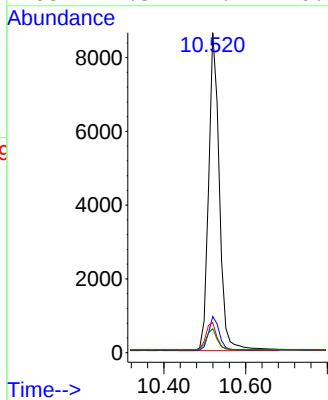
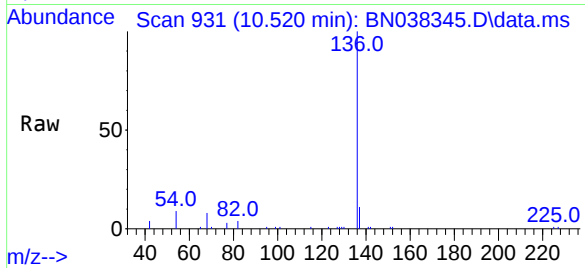




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.520 min Scan# 911
Delta R.T. -0.011 min
Lab File: BN038345.D
Acq: 12 Dec 2025 10:36

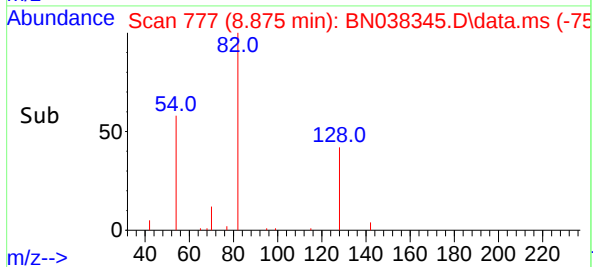
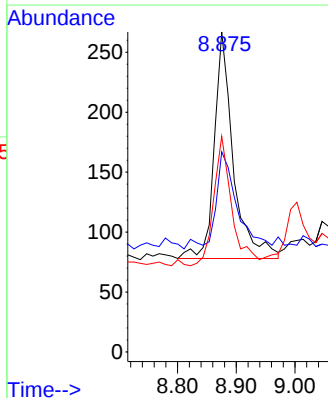
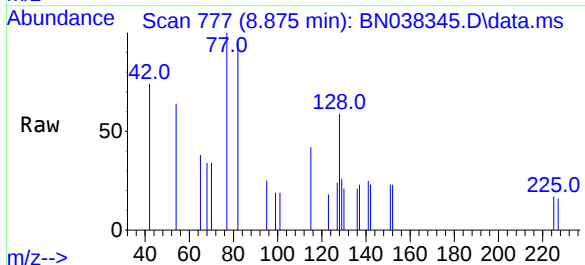
Instrument :
BNA_N
ClientSampleId :
OWBR-05-135-120525DL

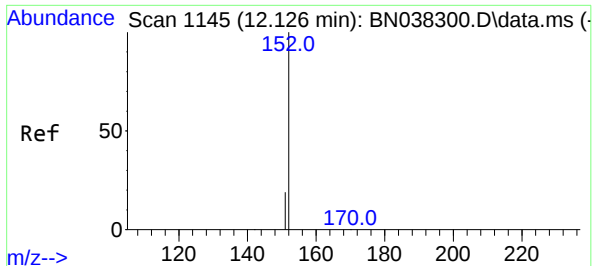
Tgt Ion:	136	Resp:	15826
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	9.4	5.2	7.8#
68	7.5	4.1	6.1#



#8
Nitrobenzene-d5
Concen: 0.032 ng
RT: 8.875 min Scan# 777
Delta R.T. 0.000 min
Lab File: BN038345.D
Acq: 12 Dec 2025 10:36

Tgt Ion:	82	Resp:	426
Ion	Ratio	Lower	Upper
82	100		
128	62.5	34.0	51.0#
54	67.4	44.4	66.6#

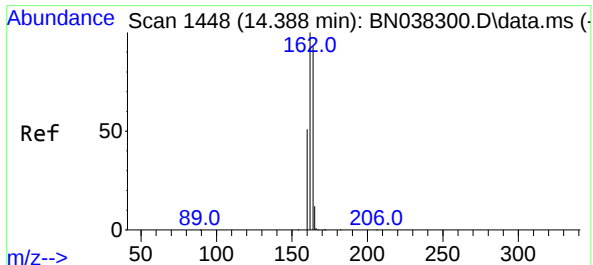
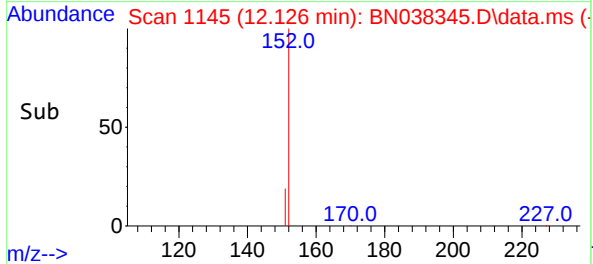
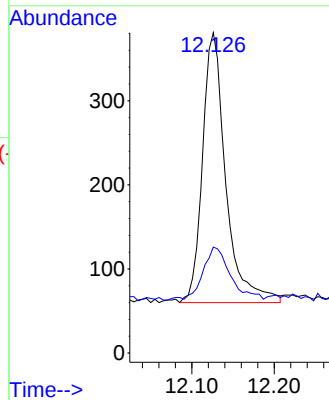
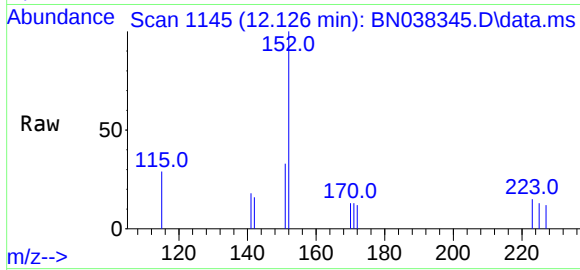




#11
2-Methylnaphthalene-d10
Concen: 0.028 ng
RT: 12.126 min Scan# 1145
Delta R.T. 0.000 min
Lab File: BN038345.D
Acq: 12 Dec 2025 10:36

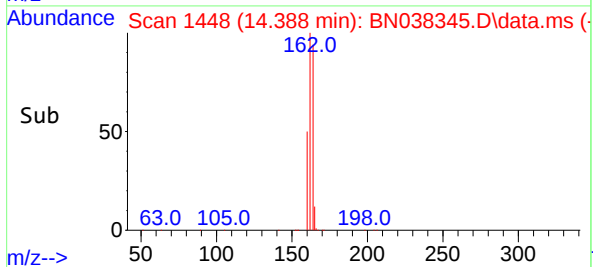
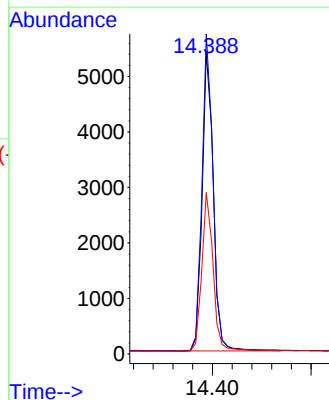
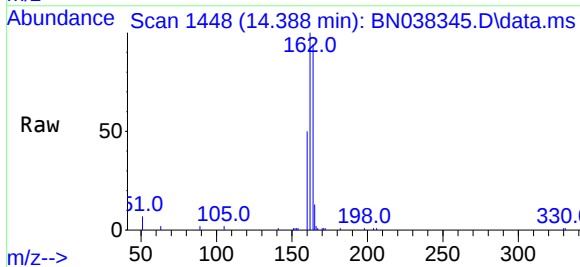
Instrument :
BNA_N
ClientSampleId :
OWBR-05-135-120525DL

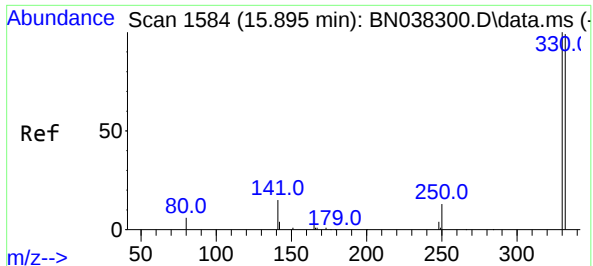
Tgt Ion:152 Resp: 631
Ion Ratio Lower Upper
152 100
151 23.1 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.388 min Scan# 1448
Delta R.T. -0.011 min
Lab File: BN038345.D
Acq: 12 Dec 2025 10:36

Tgt Ion:164 Resp: 8475
Ion Ratio Lower Upper
164 100
162 106.1 86.2 129.4
160 53.6 44.6 67.0

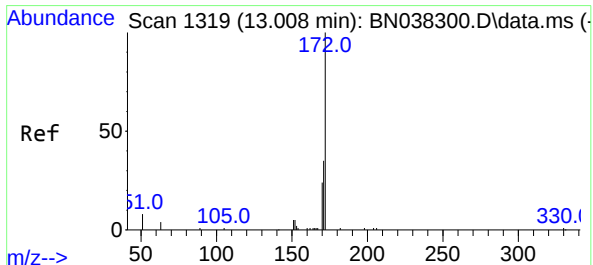
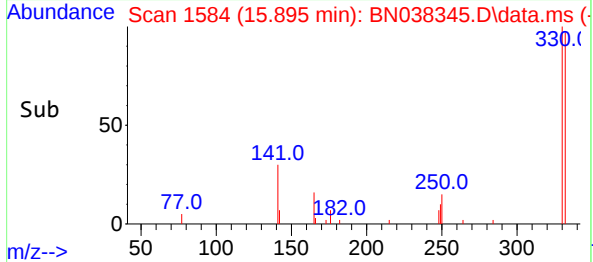
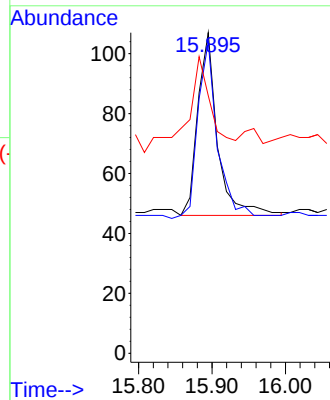
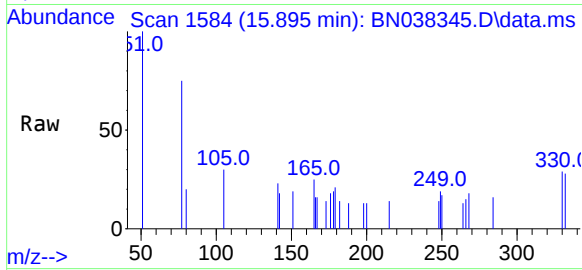




#14
2,4,6-Tribromophenol
Concen: 0.030 ng
RT: 15.895 min Scan# 1114
Delta R.T. 0.000 min
Lab File: BN038345.D
Acq: 12 Dec 2025 10:36

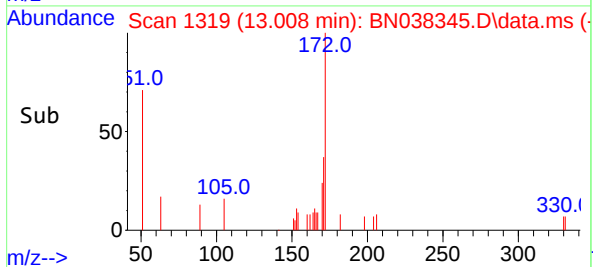
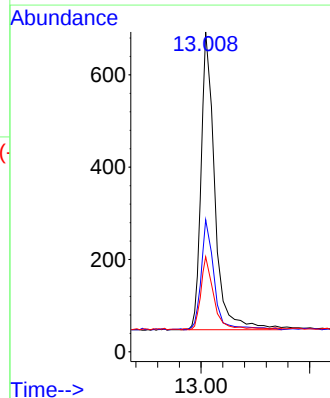
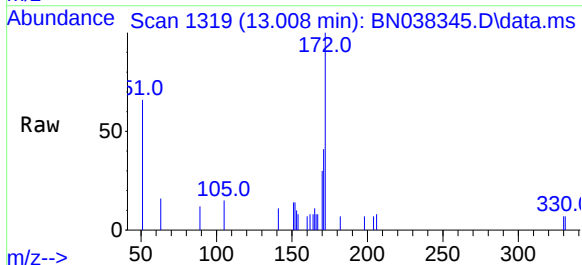
Instrument :
BNA_N
ClientSampleId :
OWBR-05-135-120525DL

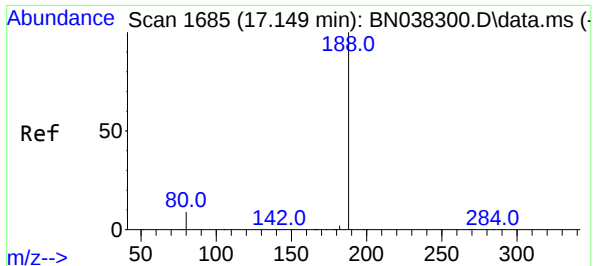
Tgt Ion:	330	Resp:	114
Ion	Ratio	Lower	Upper
330	100		
332	96.5	75.8	113.6
141	65.8	31.8	47.8#



#15
2-Fluorobiphenyl
Concen: 0.030 ng
RT: 13.008 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BN038345.D
Acq: 12 Dec 2025 10:36

Tgt Ion:	172	Resp:	1223
Ion	Ratio	Lower	Upper
172	100		
171	41.3	28.6	42.8
170	29.7	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: BN038345.D

Acq: 12 Dec 2025 10:36

Instrument :

BNA_N

ClientSampleId :

OWBR-05-135-120525DL

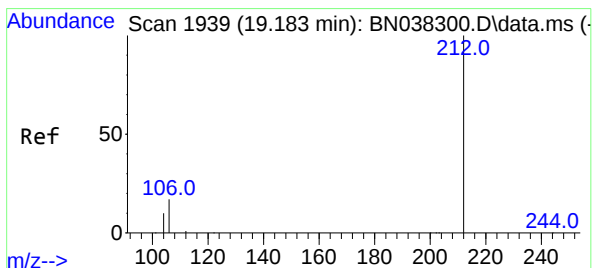
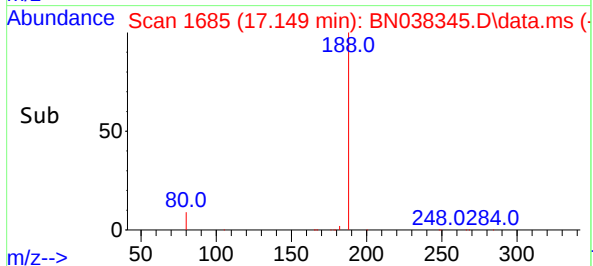
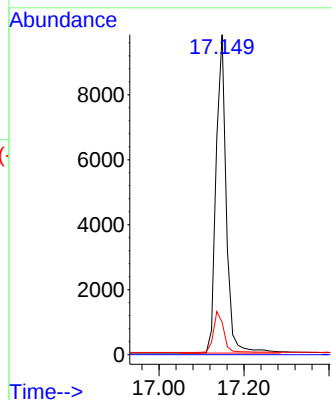
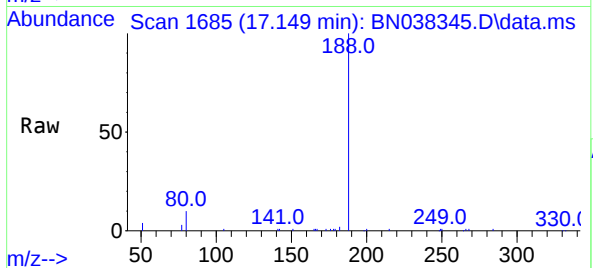
Tgt Ion:188 Resp: 16300

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.1 7.4 11.0



#27

Fluoranthene-d10

Concen: 0.036 ng

RT: 19.183 min Scan# 1939

Delta R.T. -0.005 min

Lab File: BN038345.D

Acq: 12 Dec 2025 10:36

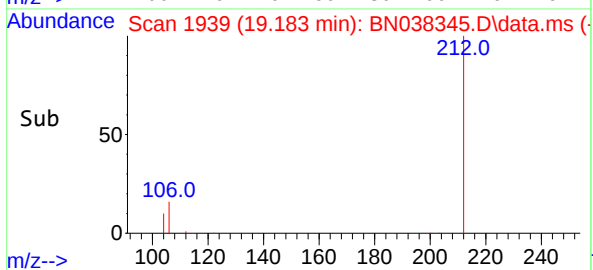
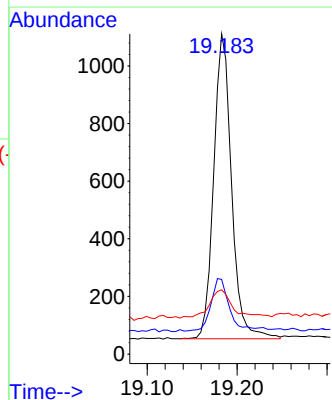
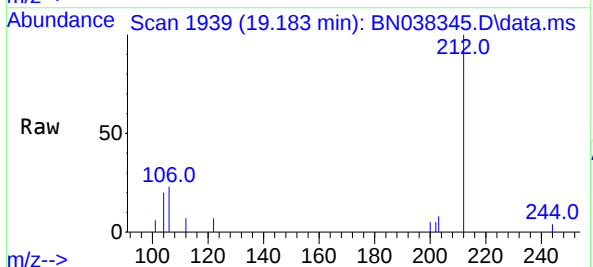
Tgt Ion:212 Resp: 1457

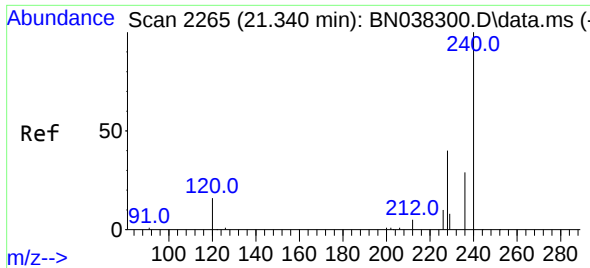
Ion Ratio Lower Upper

212 100

106 17.0 13.7 20.5

104 12.4 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: BN038345.D

Acq: 12 Dec 2025 10:36

Instrument :

BNA_N

ClientSampleId :

OWBR-05-135-120525DL

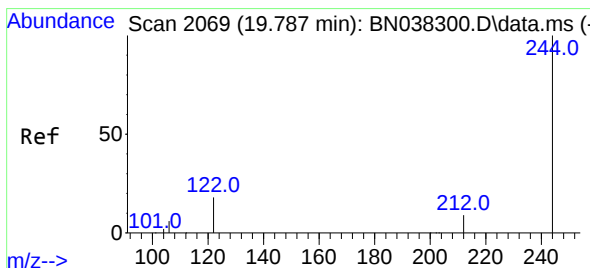
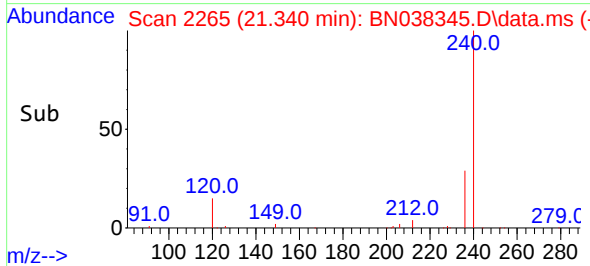
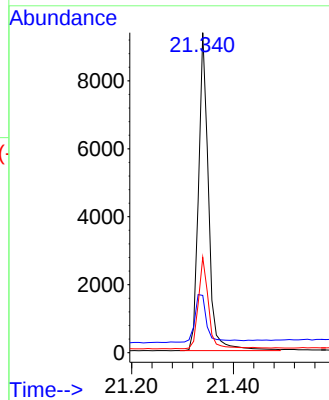
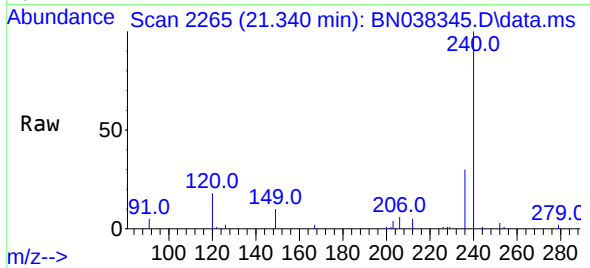
Tgt Ion:240 Resp: 12712

Ion Ratio Lower Upper

240 100

120 17.9 15.4 23.2

236 29.8 23.9 35.9



#31

Terphenyl-d14

Concen: 0.041 ng

RT: 19.787 min Scan# 2069

Delta R.T. -0.005 min

Lab File: BN038345.D

Acq: 12 Dec 2025 10:36

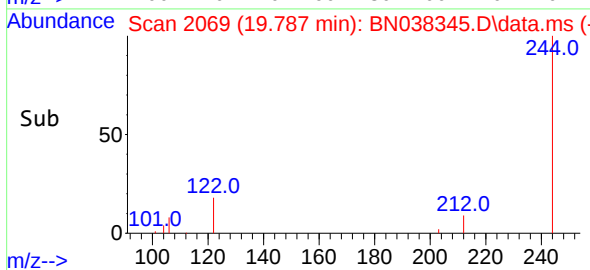
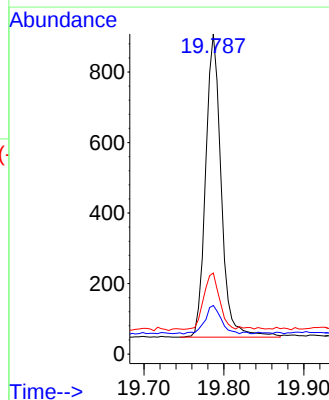
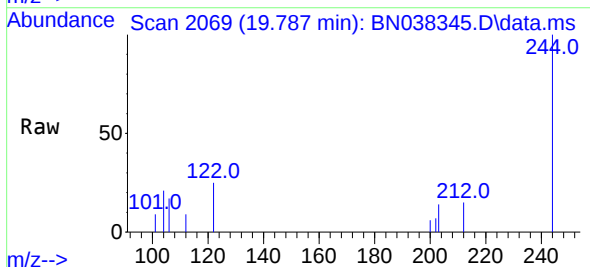
Tgt Ion:244 Resp: 1163

Ion Ratio Lower Upper

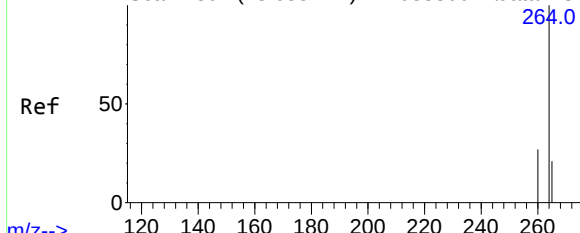
244 100

212 15.2 7.9 11.9#

122 25.3 15.0 22.6#



Abundance Scan 2804 (23.633 min): BN038300.D\data.ms (-



#35

Perylene-d12

Concen: 0.400 ng

RT: 23.630 min Scan# 21

Delta R.T. -0.003 min

Lab File: BN038345.D

Acq: 12 Dec 2025 10:36

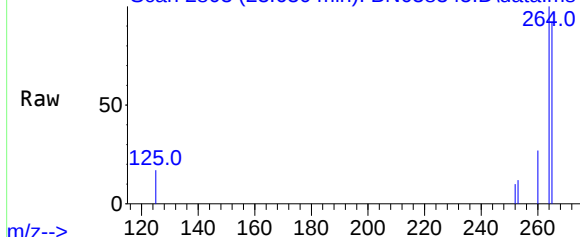
Instrument :

BNA_N

ClientSampleId :

OWBR-05-135-120525DL

Abundance Scan 2803 (23.630 min): BN038345.D\data.ms (-



Tgt Ion:264 Resp: 12609

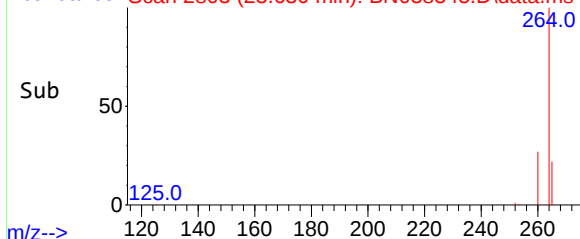
Ion Ratio Lower Upper

264 100

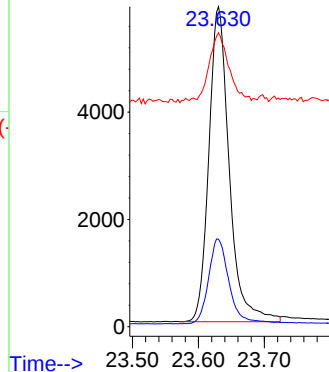
260 27.4 22.2 33.2

265 91.8 80.2 120.2

Abundance Scan 2803 (23.630 min): BN038345.D\data.ms (-



Abundance



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121125\
 Data File : BN038325.D
 Acq On : 11 Dec 2025 19:40
 Operator : RC/JU
 Sample : Q3788-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 OW-01B-66.5-120525

A
B
C
D
E
F
G
H
I
J
K

Quant Time: Dec 12 00:10:47 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)

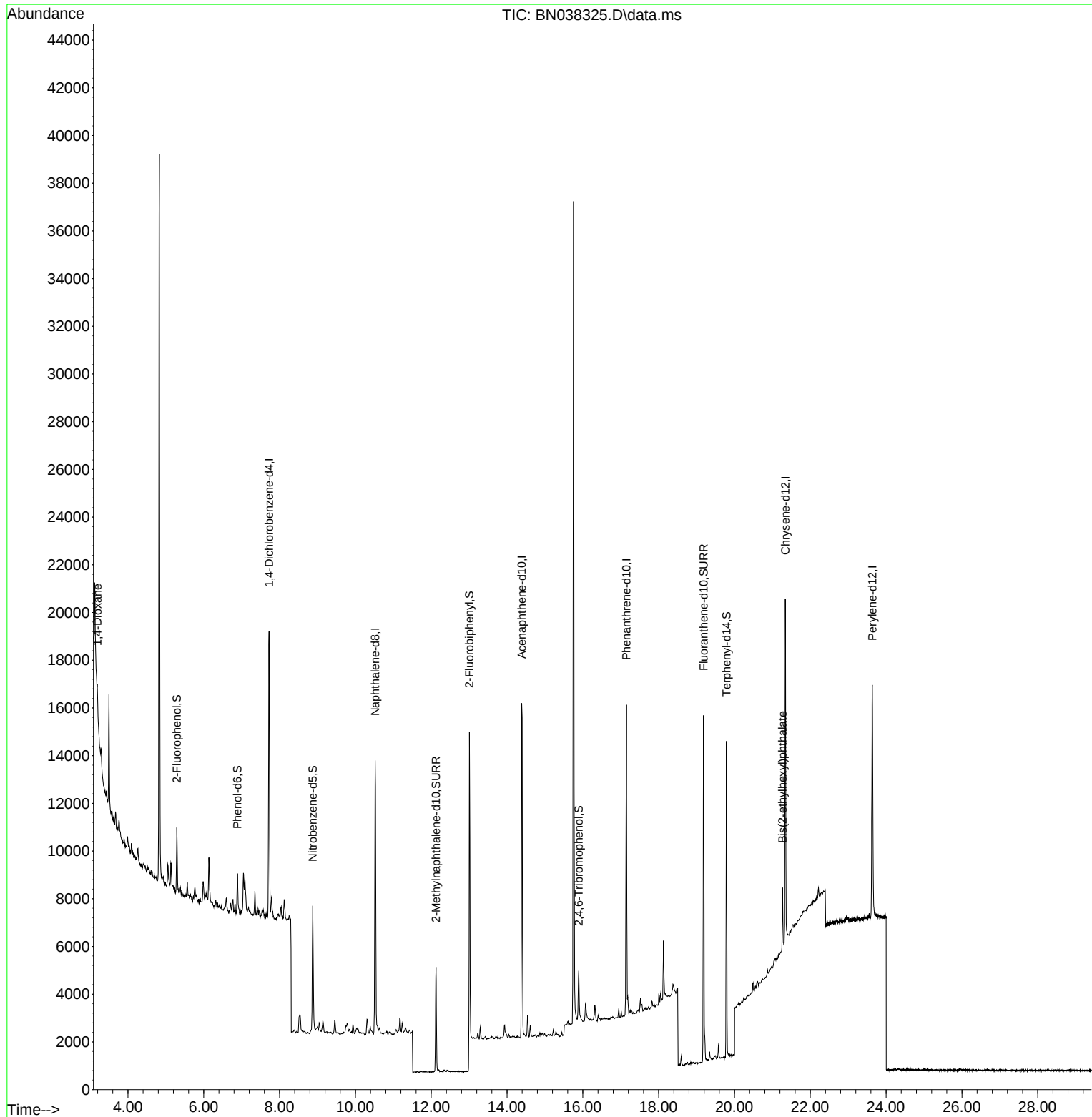
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	5784	0.400	ng	0.00
7) Naphthalene-d8	10.520	136	15998	0.400	ng	#-0.01
13) Acenaphthene-d10	14.388	164	8662	0.400	ng	-0.01
19) Phenanthrene-d10	17.149	188	16764	0.400	ng	0.00
29) Chrysene-d12	21.340	240	13742	0.400	ng	# 0.00
35) Perylene-d12	23.636	264	13571	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.291	112	2104	0.146	ng	0.00
5) Phenol-d6	6.887	99	1545	0.090	ng	0.00
8) Nitrobenzene-d5	8.875	82	4453	0.330	ng	0.00
11) 2-Methylnaphthalene-d10	12.126	152	6020	0.267	ng	0.00
14) 2,4,6-Tribromophenol	15.895	330	1270	0.330	ng	0.00
15) 2-Fluorobiphenyl	13.009	172	11355	0.272	ng	0.00
27) Fluoranthene-d10	19.188	212	15855	0.382	ng	0.00
31) Terphenyl-d14	19.787	244	12212	0.398	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.196	88	506	0.076	ng	# 63
34) Bis(2-ethylhexyl)phtha...	21.268	149	2401	0.082	ng	# 98

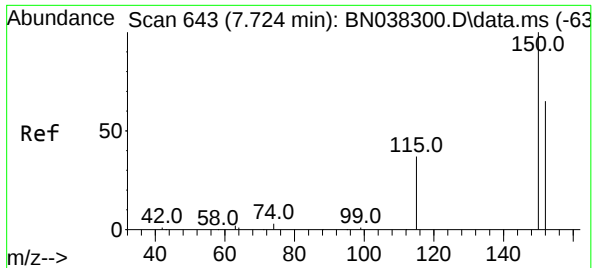
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121125\
Data File : BN038325.D
Acq On : 11 Dec 2025 19:40
Operator : RC/JU
Sample : Q3788-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
OW-01B-66.5-120525

Quant Time: Dec 12 00:10:47 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

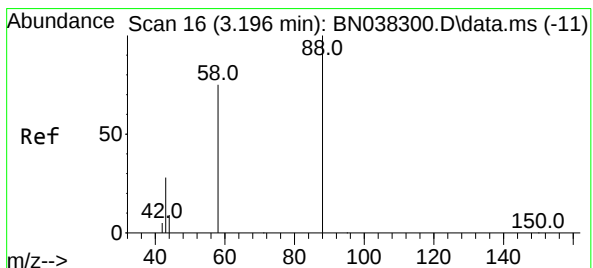
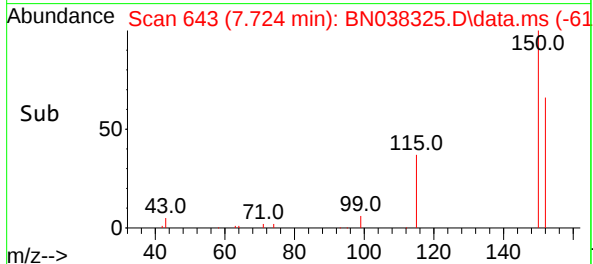
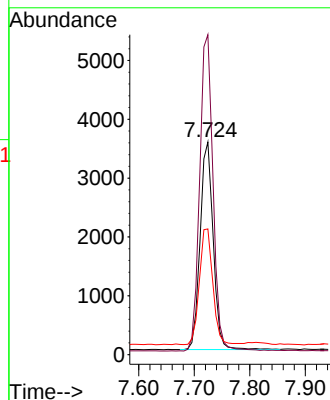
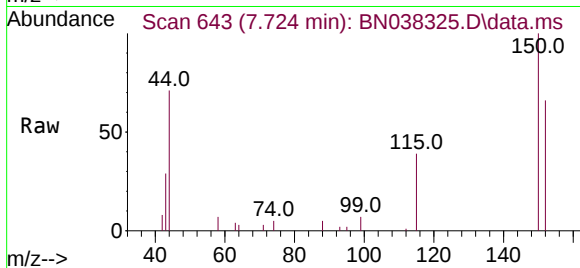




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.724 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BN038325.D
 Acq: 11 Dec 2025 19:40

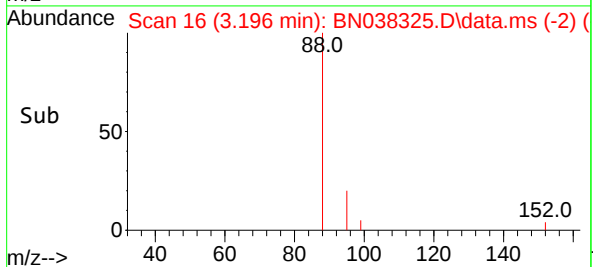
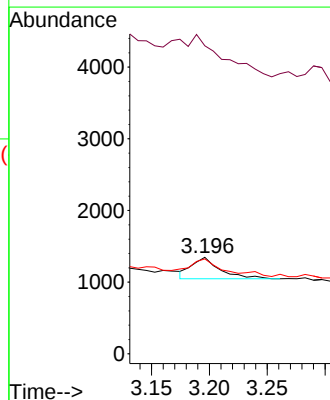
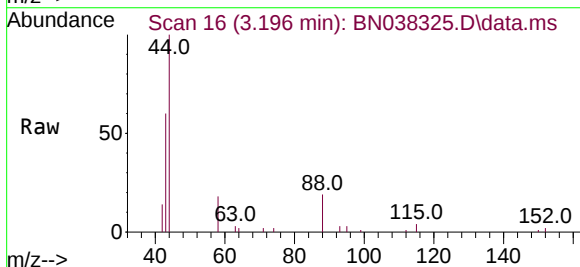
Instrument :
 BNA_N
 ClientSampleId :
 OW-01B-66.5-120525

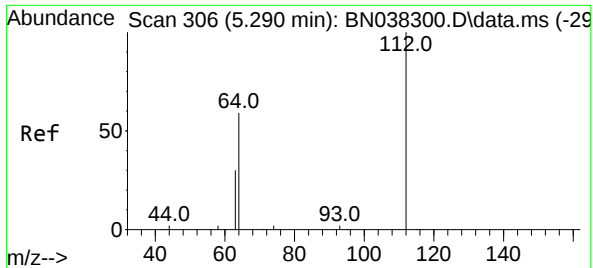
Tgt Ion:152 Resp: 5784
 Ion Ratio Lower Upper
 152 100
 150 150.5 122.4 183.6
 115 59.1 47.3 70.9



#2
 1,4-Dioxane
 Concen: 0.076 ng
 RT: 3.196 min Scan# 16
 Delta R.T. 0.000 min
 Lab File: BN038325.D
 Acq: 11 Dec 2025 19:40

Tgt Ion: 88 Resp: 506
 Ion Ratio Lower Upper
 88 100
 43 0.0 24.9 37.3#
 58 101.8 61.4 92.0#

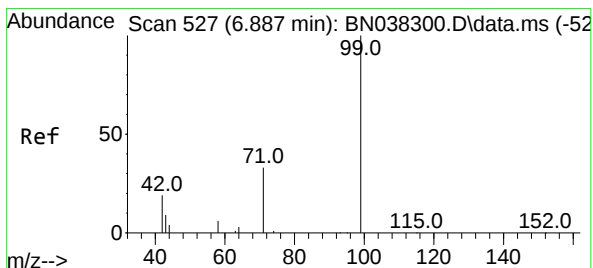
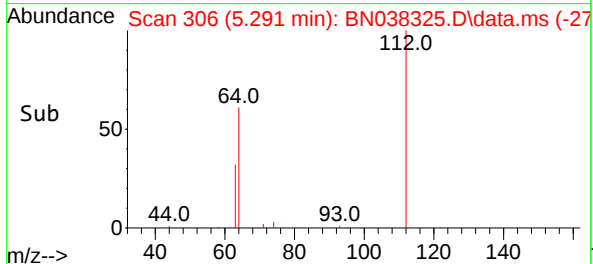
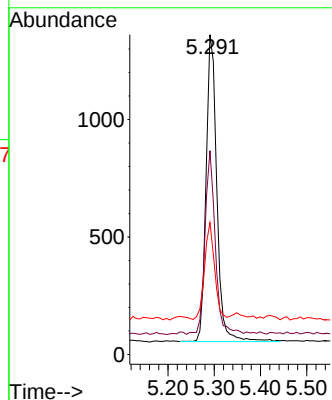
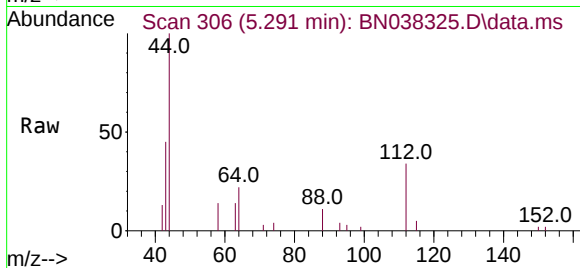




#4
2-Fluorophenol
Concen: 0.146 ng
RT: 5.291 min Scan# 306
Delta R.T. 0.000 min
Lab File: BN038325.D
Acq: 11 Dec 2025 19:40

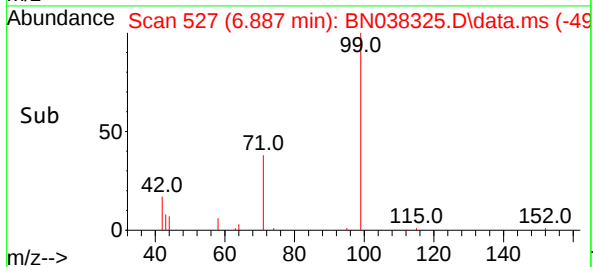
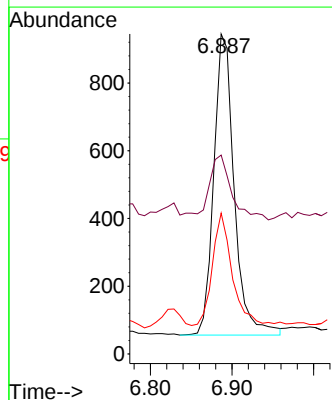
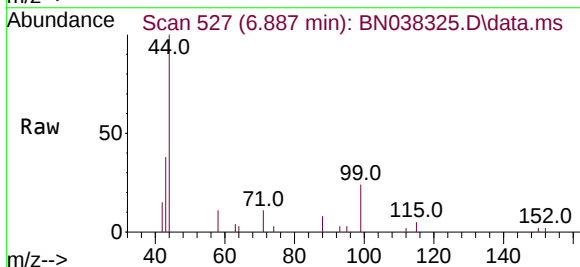
Instrument :
BNA_N
ClientSampleId :
OW-01B-66.5-120525

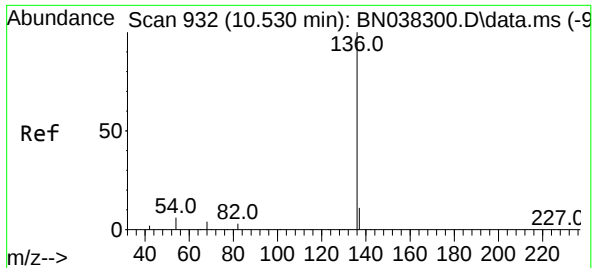
Tgt Ion:	112	Resp:	2104
Ion	Ratio	Lower	Upper
112	100		
64	57.4	44.4	66.6
63	29.7	23.4	35.0



#5
Phenol-d6
Concen: 0.090 ng
RT: 6.887 min Scan# 527
Delta R.T. 0.000 min
Lab File: BN038325.D
Acq: 11 Dec 2025 19:40

Tgt Ion:	99	Resp:	1545
Ion	Ratio	Lower	Upper
99	100		
42	23.2	16.5	24.7
71	36.6	24.9	37.3

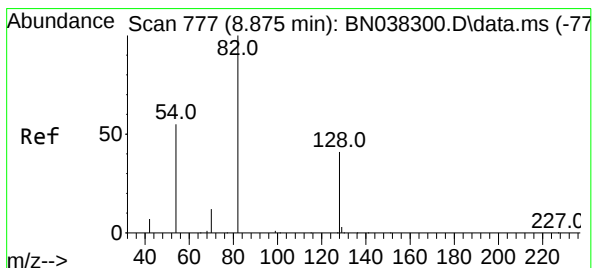
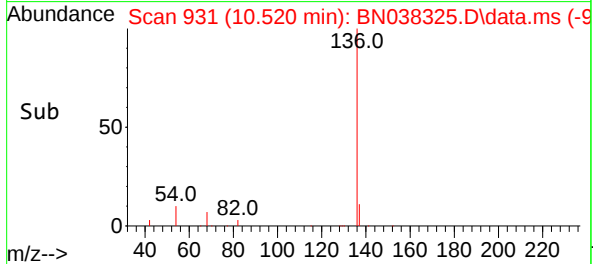
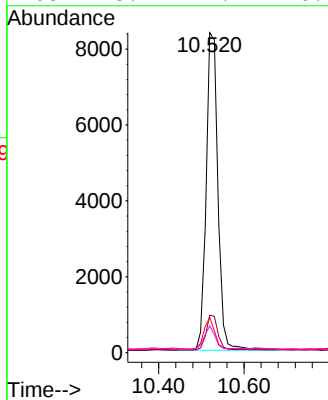
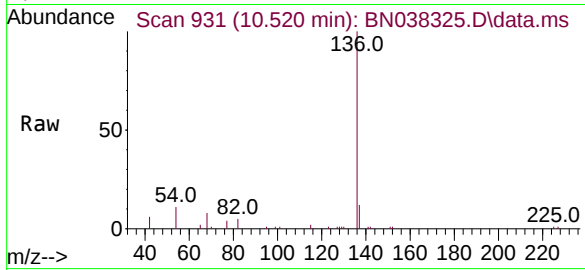




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.520 min Scan# 931
Delta R.T. -0.011 min
Lab File: BN038325.D
Acq: 11 Dec 2025 19:40

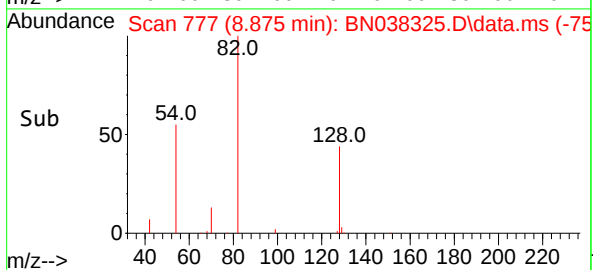
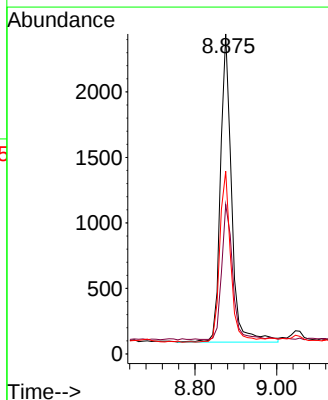
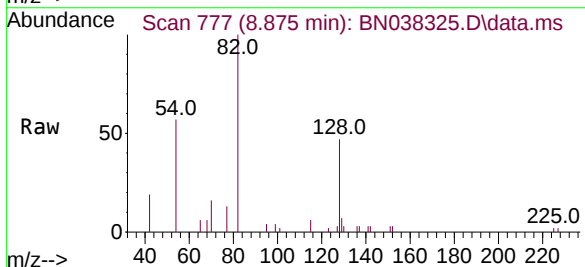
Instrument :
BNA_N
ClientSampleId :
OW-01B-66.5-120525

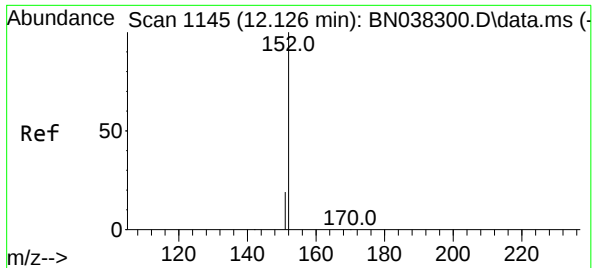
Tgt Ion:	136	Resp:	15998
Ion Ratio	Lower	Upper	
136	100		
137	11.7	9.1	13.7
54	11.0	5.2	7.8#
68	8.4	4.1	6.1#



#8
Nitrobenzene-d5
Concen: 0.330 ng
RT: 8.875 min Scan# 777
Delta R.T. 0.000 min
Lab File: BN038325.D
Acq: 11 Dec 2025 19:40

Tgt Ion:	82	Resp:	4453
Ion Ratio	Lower	Upper	
82	100		
128	46.7	34.0	51.0
54	57.1	44.4	66.6

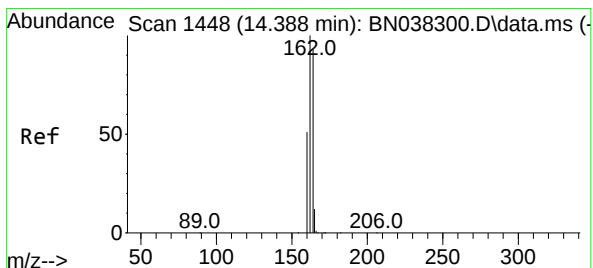
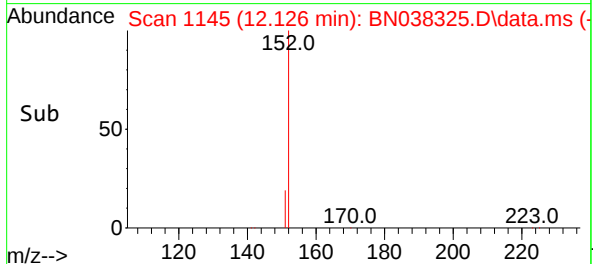
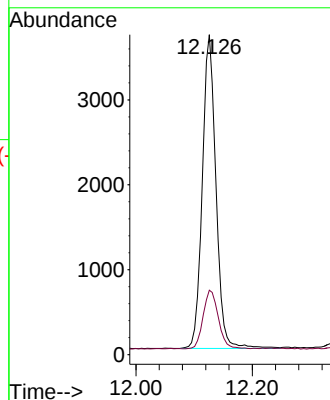
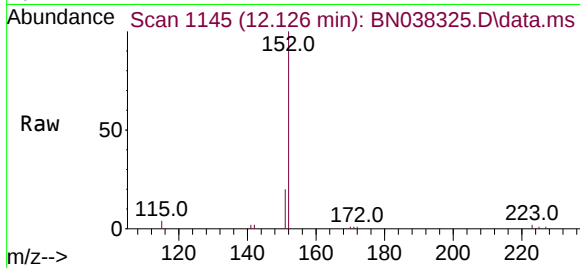




#11
2-Methylnaphthalene-d10
Concen: 0.267 ng
RT: 12.126 min Scan# 1145
Delta R.T. 0.000 min
Lab File: BN038325.D
Acq: 11 Dec 2025 19:40

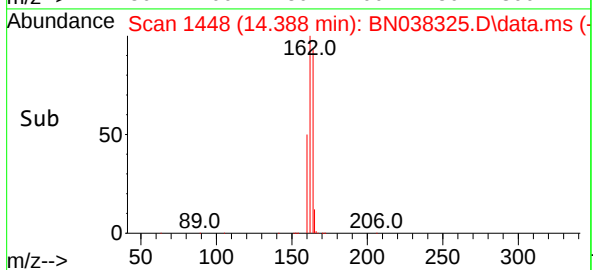
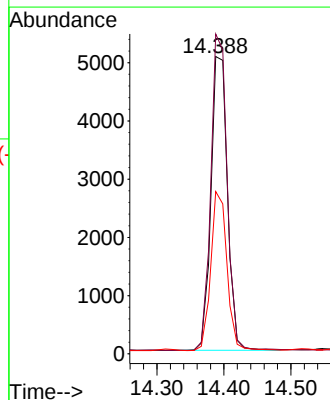
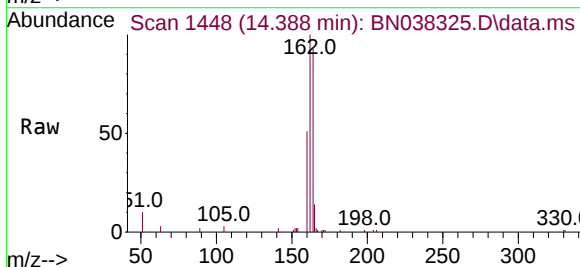
Instrument :
BNA_N
ClientSampleId :
OW-01B-66.5-120525

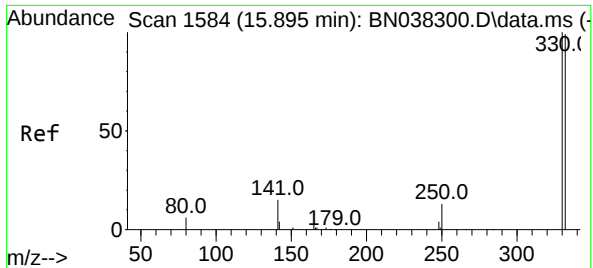
Tgt Ion:152 Resp: 6020
Ion Ratio Lower Upper
152 100
151 20.9 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.388 min Scan# 1448
Delta R.T. -0.011 min
Lab File: BN038325.D
Acq: 11 Dec 2025 19:40

Tgt Ion:164 Resp: 8662
Ion Ratio Lower Upper
164 100
162 107.6 86.2 129.4
160 54.6 44.6 67.0





#14

2,4,6-Tribromophenol

Concen: 0.330 ng

RT: 15.895 min Scan# 1584

Delta R.T. 0.000 min

Lab File: BN038325.D

Acq: 11 Dec 2025 19:40

Instrument :

BNA_N

ClientSampleId :

OW-01B-66.5-120525

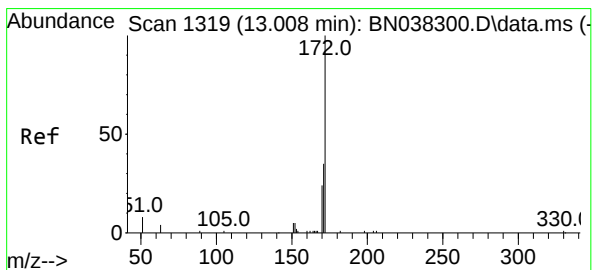
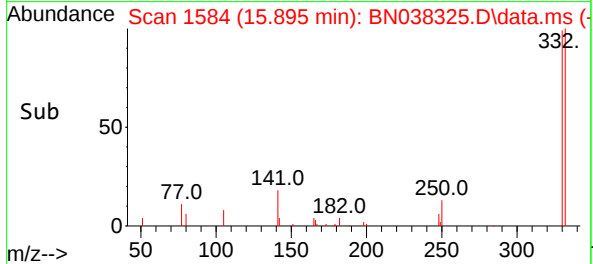
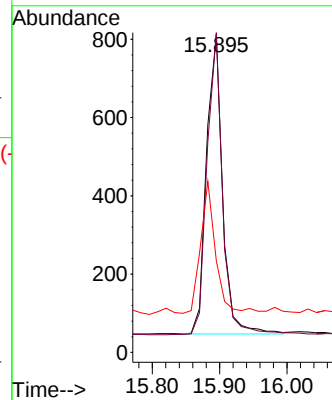
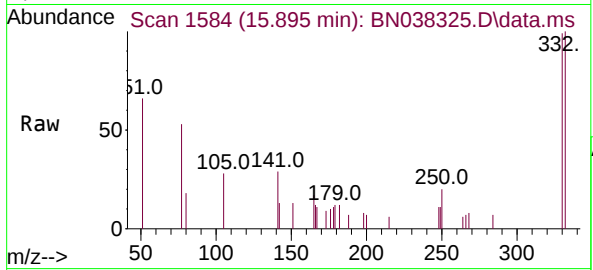
Tgt Ion:330 Resp: 1270

Ion Ratio Lower Upper

330 100

332 97.6 75.8 113.6

141 41.1 31.8 47.8



#15

2-Fluorobiphenyl

Concen: 0.272 ng

RT: 13.009 min Scan# 1319

Delta R.T. 0.000 min

Lab File: BN038325.D

Acq: 11 Dec 2025 19:40

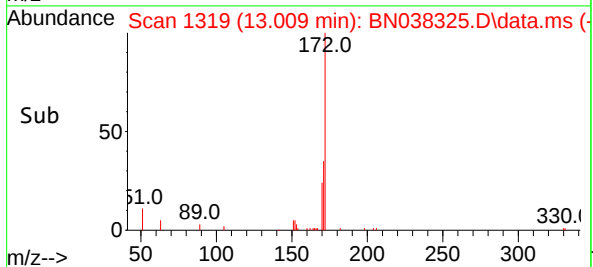
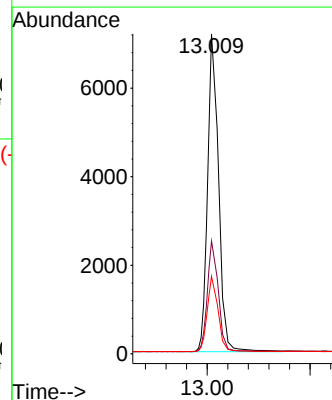
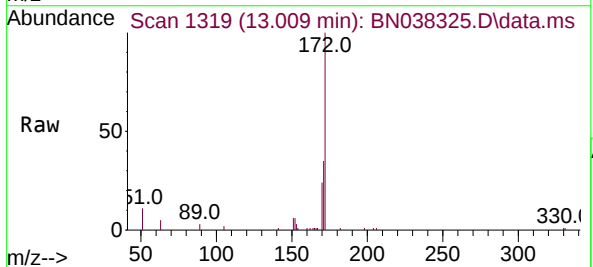
Tgt Ion:172 Resp: 11355

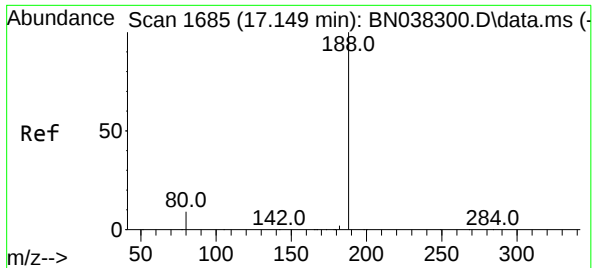
Ion Ratio Lower Upper

172 100

171 35.3 28.6 42.8

170 24.2 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: BN038325.D

Acq: 11 Dec 2025 19:40

Instrument :

BNA_N

ClientSampleId :

OW-01B-66.5-120525

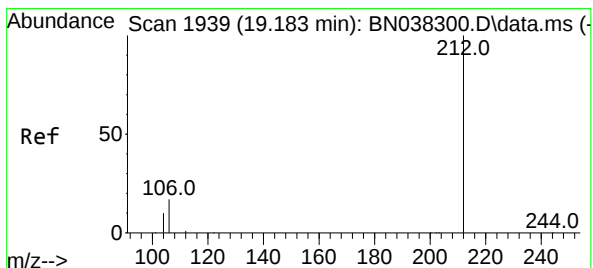
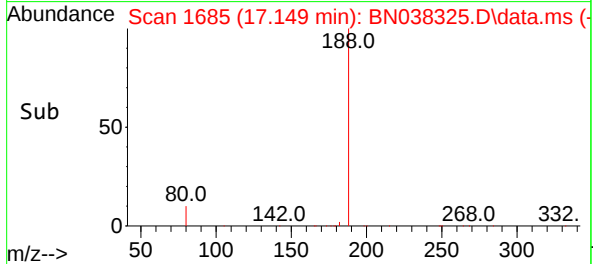
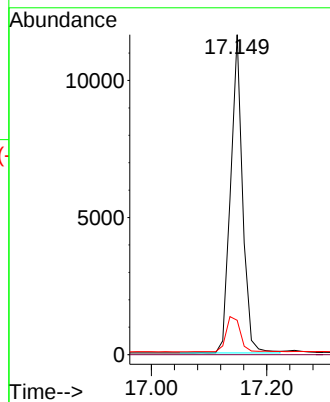
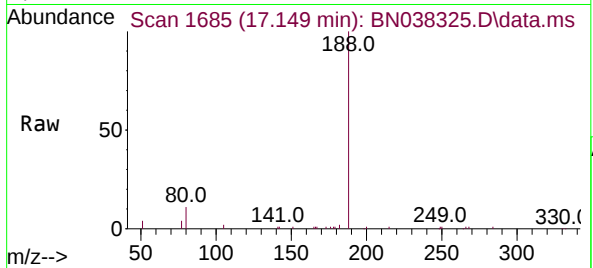
Tgt Ion:188 Resp: 16764

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.7 7.4 11.0



#27

Fluoranthene-d10

Concen: 0.382 ng

RT: 19.188 min Scan# 1940

Delta R.T. 0.000 min

Lab File: BN038325.D

Acq: 11 Dec 2025 19:40

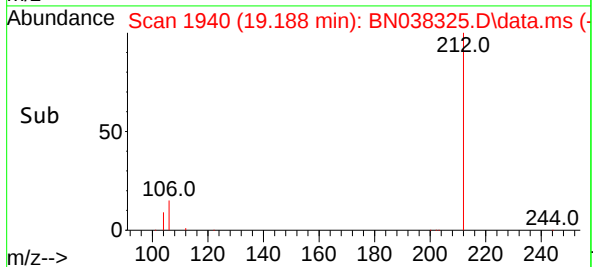
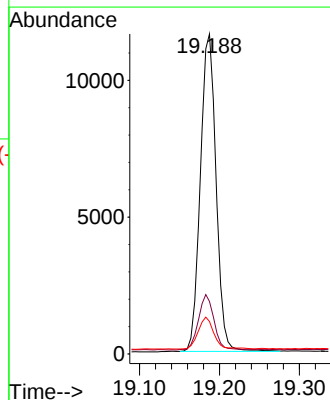
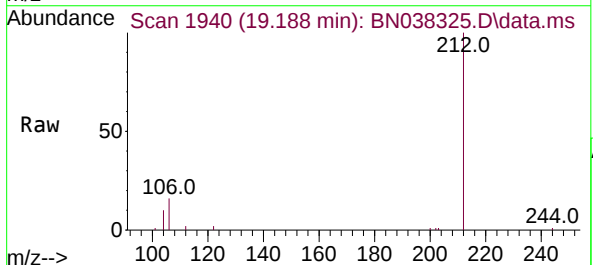
Tgt Ion:212 Resp: 15855

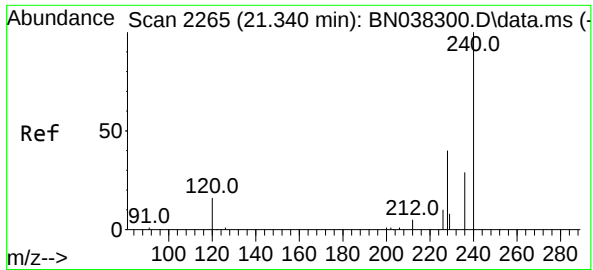
Ion Ratio Lower Upper

212 100

106 17.2 13.7 20.5

104 9.9 7.8 11.8





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.340 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN038325.D

Acq: 11 Dec 2025 19:40

Instrument :

BNA_N

ClientSampleId :

OW-01B-66.5-120525

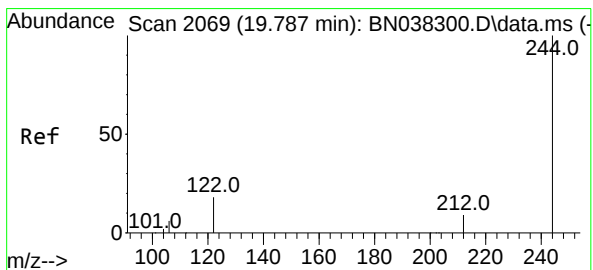
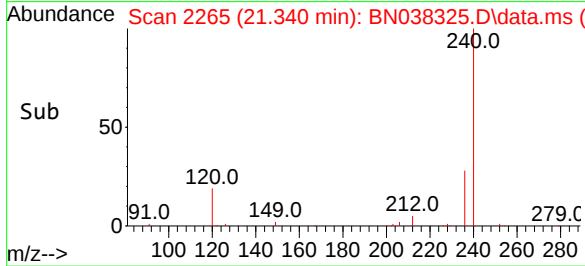
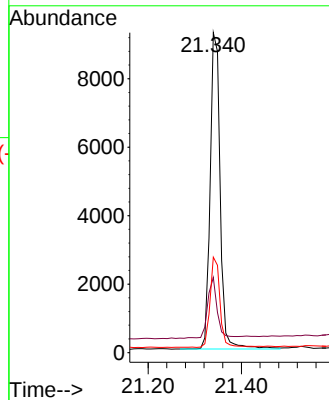
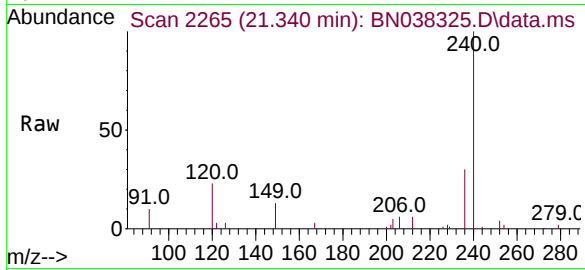
Tgt Ion:240 Resp: 13742

Ion Ratio Lower Upper

240 100

120 23.5 15.4 23.2#

236 29.8 23.9 35.9



#31

Terphenyl-d14

Concen: 0.398 ng

RT: 19.787 min Scan# 2069

Delta R.T. -0.005 min

Lab File: BN038325.D

Acq: 11 Dec 2025 19:40

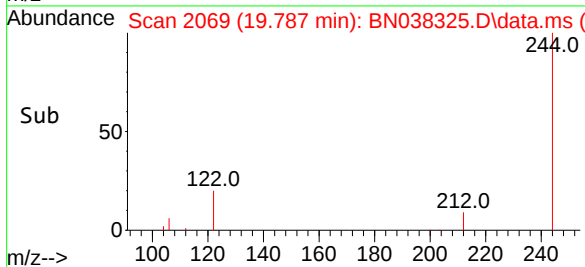
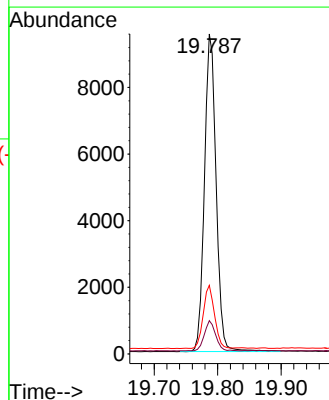
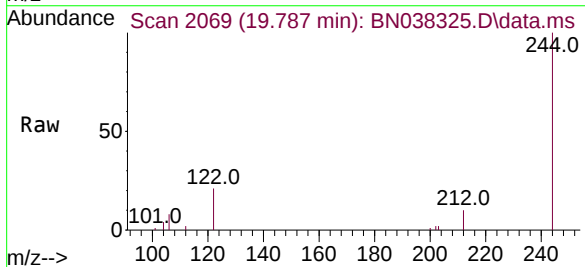
Tgt Ion:244 Resp: 12212

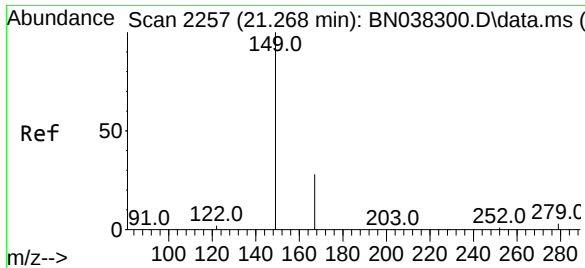
Ion Ratio Lower Upper

244 100

212 10.4 7.9 11.9

122 21.4 15.0 22.6

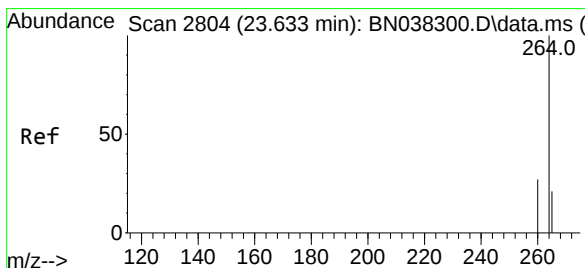
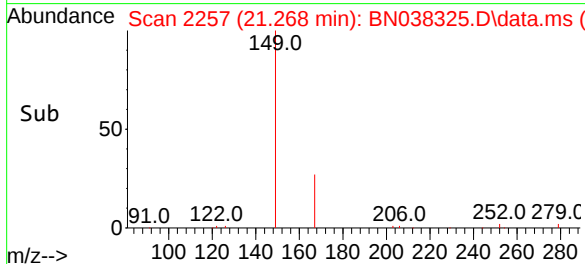
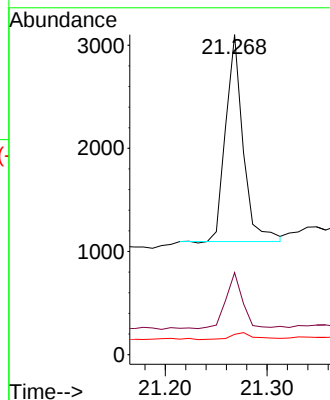
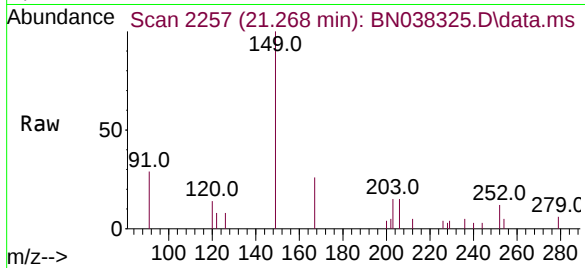




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.082 ng
RT: 21.268 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN038325.D
Acq: 11 Dec 2025 19:40

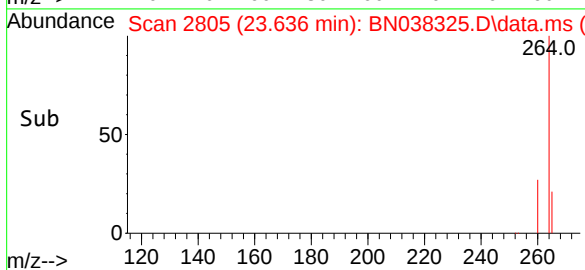
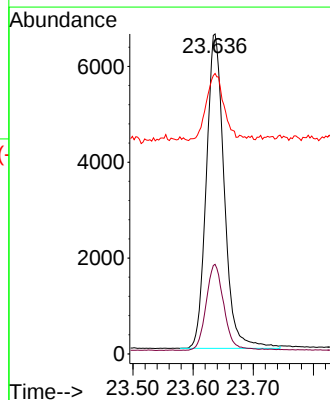
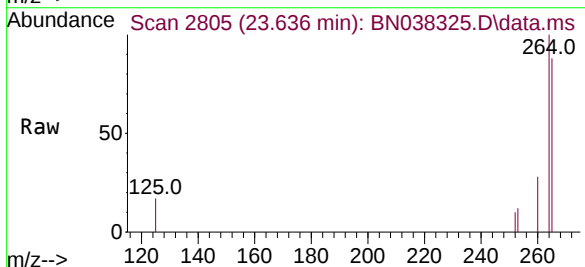
Instrument :
BNA_N
ClientSampleId :
OW-01B-66.5-120525

Tgt Ion:149 Resp: 2401
Ion Ratio Lower Upper
149 100
167 26.1 21.4 32.0
279 4.7 2.4 3.6#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.636 min Scan# 2805
Delta R.T. 0.003 min
Lab File: BN038325.D
Acq: 11 Dec 2025 19:40

Tgt Ion:264 Resp: 13571
Ion Ratio Lower Upper
264 100
260 28.0 22.2 33.2
265 87.6 80.2 120.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121125\
Data File : BN038340.D
Acq On : 12 Dec 2025 06:02
Operator : RC/JU
Sample : Q3788-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
TA-BR-05-465-120525

Quant Time: Dec 12 07:09:01 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

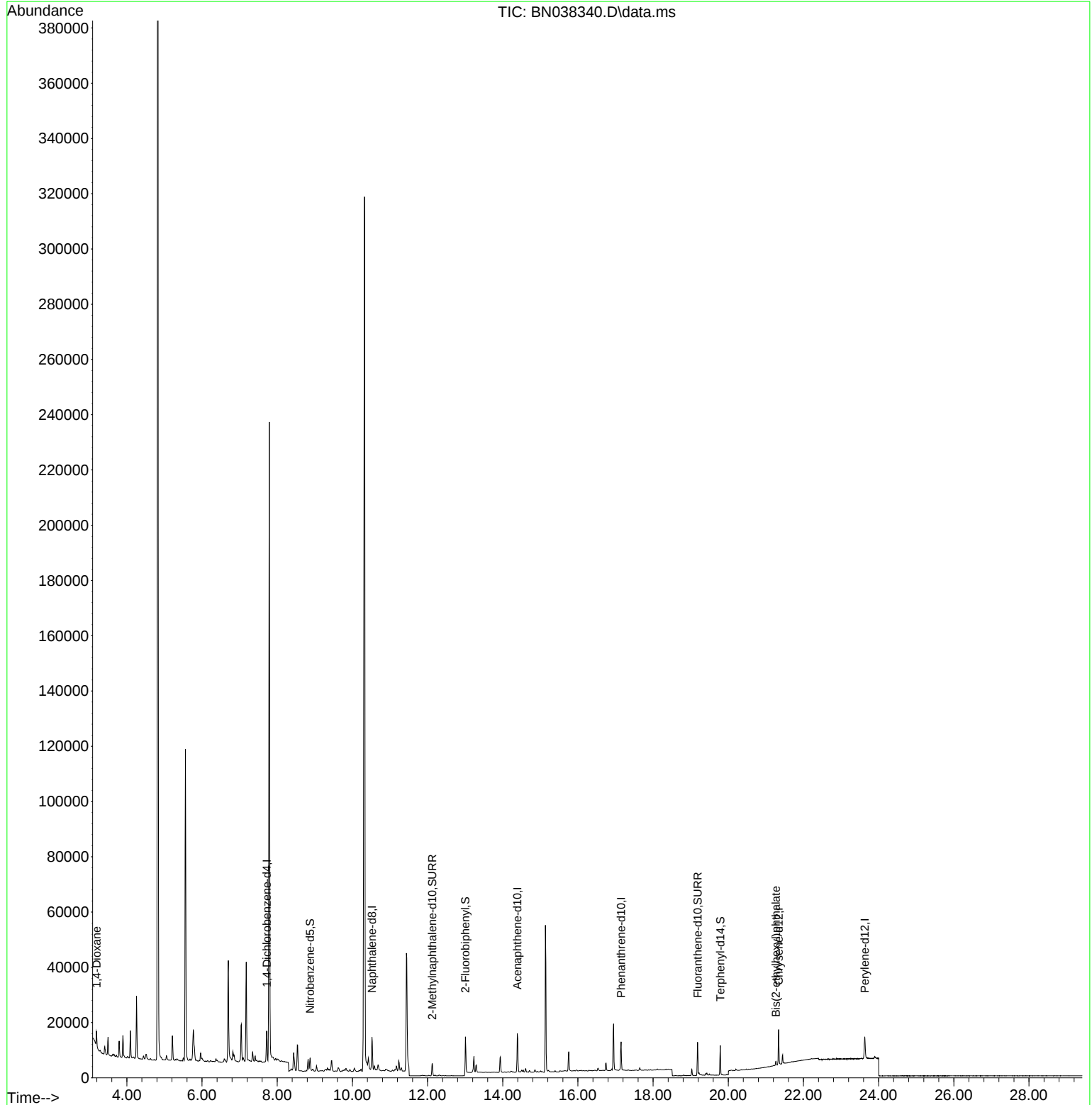
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	5725	0.400	ng	0.00
7) Naphthalene-d8	10.519	136	15596	0.400	ng	#-0.01
13) Acenaphthene-d10	14.387	164	7934	0.400	ng	-0.01
19) Phenanthrene-d10	17.148	188	14347	0.400	ng	0.00
29) Chrysene-d12	21.339	240	11335	0.400	ng	0.00
35) Perylene-d12	23.630	264	11188	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.269	112	16	0.001	ng	-0.02
5) Phenol-d6	6.894	99	37	0.002	ng	0.00
8) Nitrobenzene-d5	8.875	82	3498	0.266	ng	0.00
11) 2-Methylnaphthalene-d10	12.126	152	6033	0.274	ng	0.00
14) 2,4,6-Tribromophenol	15.895	330	8	0.002	ng	0.00
15) 2-Fluorobiphenyl	13.008	172	11656	0.305	ng	0.00
27) Fluoranthene-d10	19.183	212	12667	0.357	ng	0.00
31) Terphenyl-d14	19.787	244	9824	0.388	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.196	88	2326	0.354	ng	# 39
34) Bis(2-ethylhexyl)phtha...	21.268	149	1365	0.057	ng	# 95

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

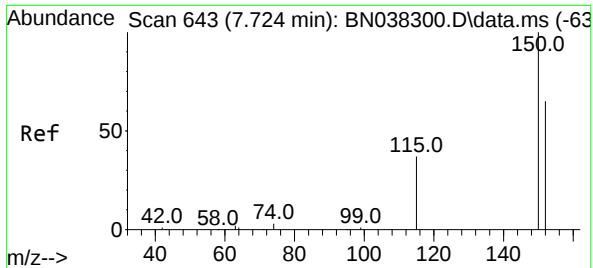
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Data File : BN038340.D
Acq On : 12 Dec 2025 06:02
Operator : RC/JU
Sample : Q3788-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
TA-BR-05-465-120525

Quant Time: Dec 12 07:09:01 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



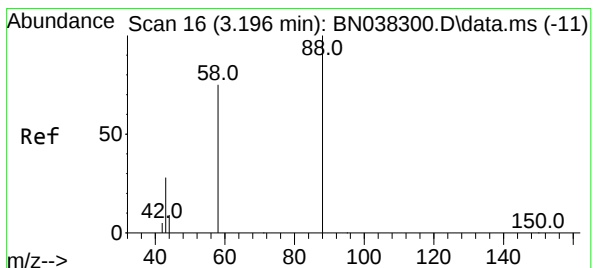
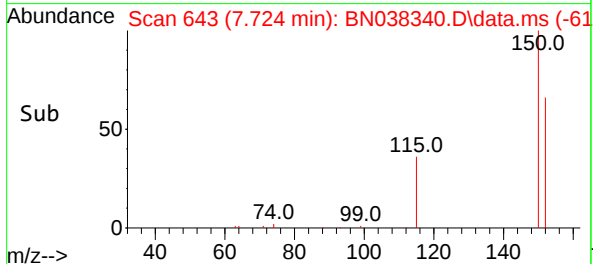
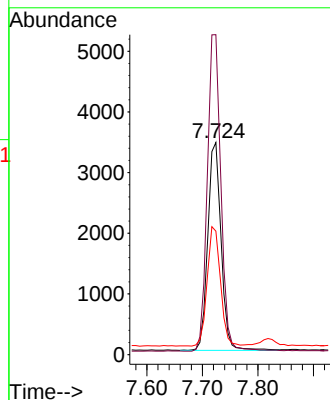
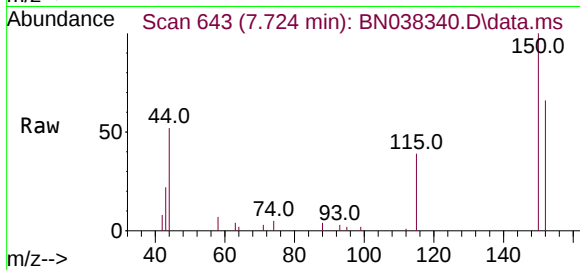
A
B
C
D
E
F
G
H
I
J
K



#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.724 min Scan# 64
Delta R.T. 0.000 min
Lab File: BN038340.D
Acq: 12 Dec 2025 06:02

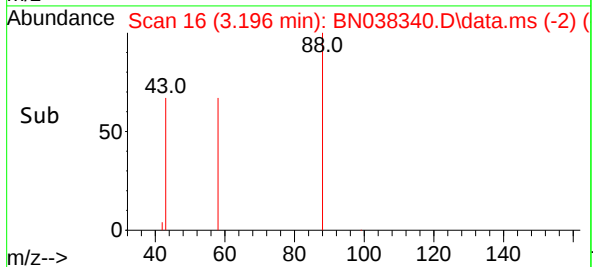
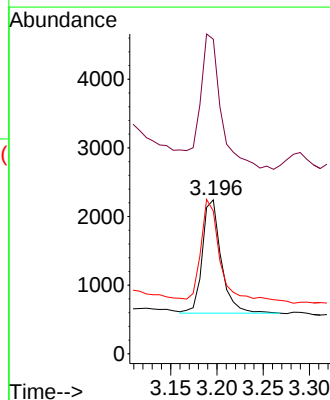
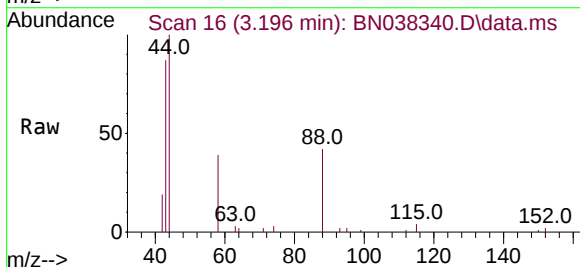
Instrument :
BNA_N
ClientSampleId :
TA-BR-05-465-120525

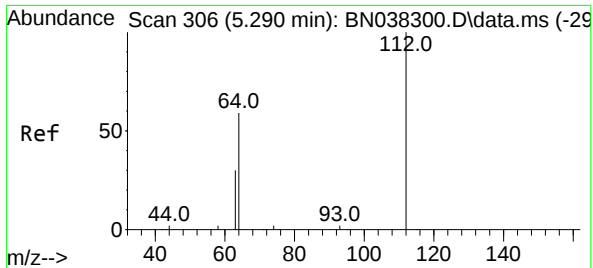
Tgt Ion: 152 Resp: 5725
Ion Ratio Lower Upper
152 100
150 150.8 122.4 183.6
115 58.2 47.3 70.9



#2
1,4-Dioxane
Concen: 0.354 ng
RT: 3.196 min Scan# 16
Delta R.T. -0.000 min
Lab File: BN038340.D
Acq: 12 Dec 2025 06:02

Tgt Ion: 88 Resp: 2326
Ion Ratio Lower Upper
88 100
43 132.2 24.9 37.3
58 86.8 61.4 92.0

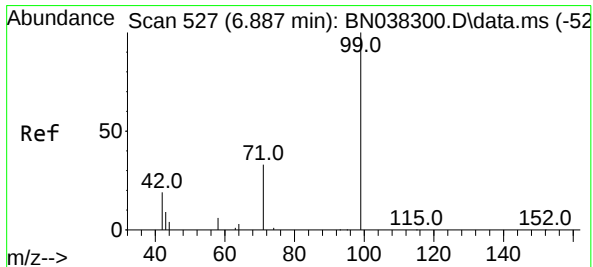
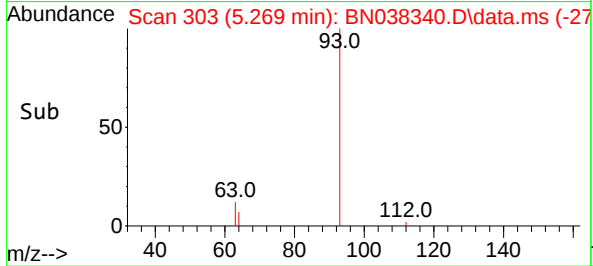
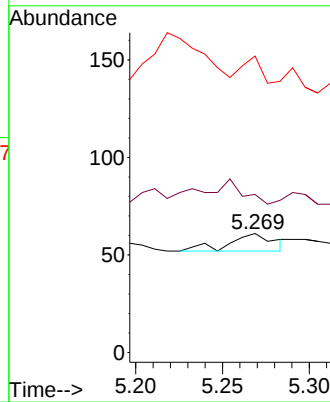
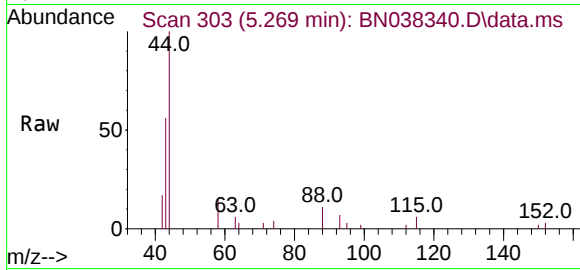




#4
2-Fluorophenol
Concen: 0.001 ng
RT: 5.269 min Scan# 306
Delta R.T. -0.022 min
Lab File: BN038340.D
Acq: 12 Dec 2025 06:02

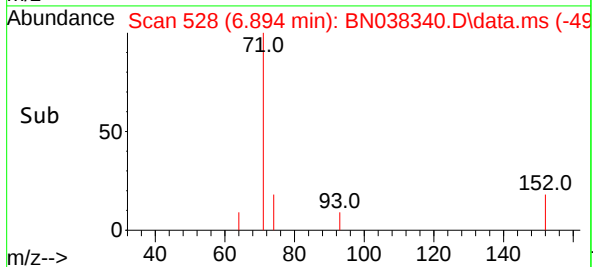
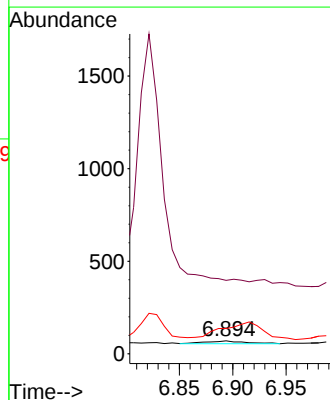
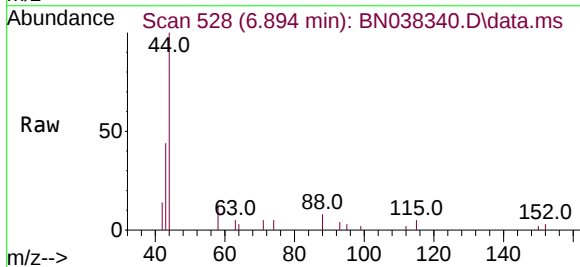
Instrument :
BNA_N
ClientSampleId :
TA-BR-05-465-120525

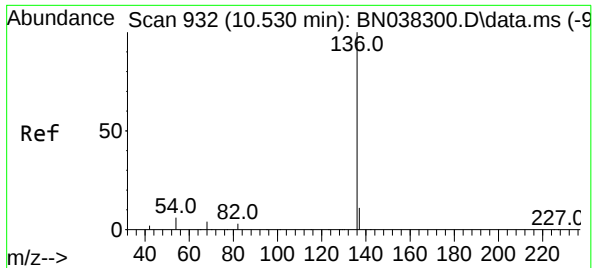
Tgt Ion:112 Resp: 16
Ion Ratio Lower Upper
112 100
64 193.8 44.4 66.6#
63 143.8 23.4 35.0#



#5
Phenol-d6
Concen: 0.002 ng
RT: 6.894 min Scan# 528
Delta R.T. 0.007 min
Lab File: BN038340.D
Acq: 12 Dec 2025 06:02

Tgt Ion: 99 Resp: 37
Ion Ratio Lower Upper
99 100
42 0.0 16.5 24.7#
71 0.0 24.9 37.3#

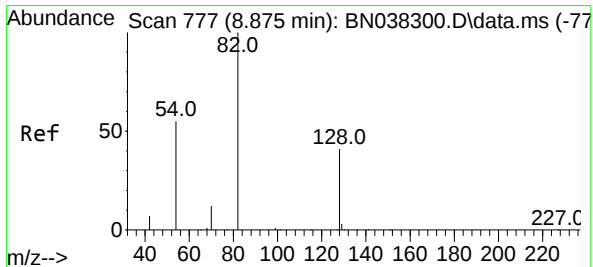
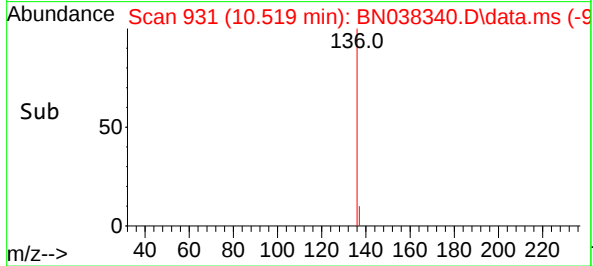
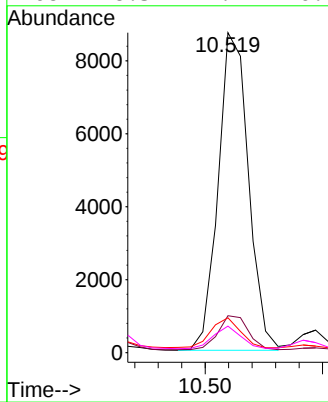
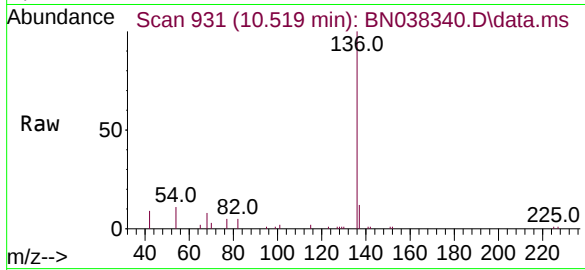




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.519 min Scan# 931
Delta R.T. -0.011 min
Lab File: BN038340.D
Acq: 12 Dec 2025 06:02

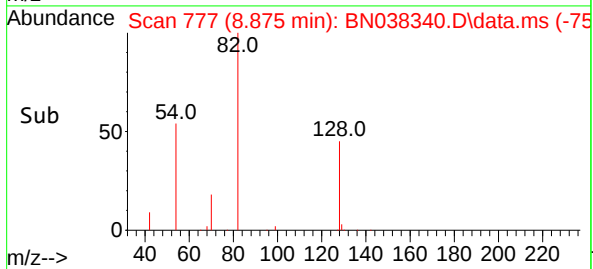
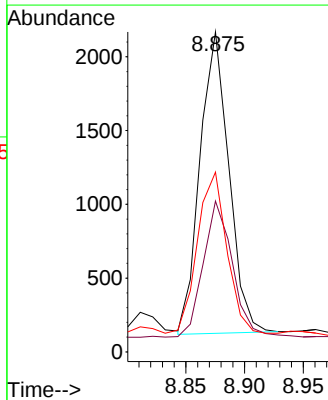
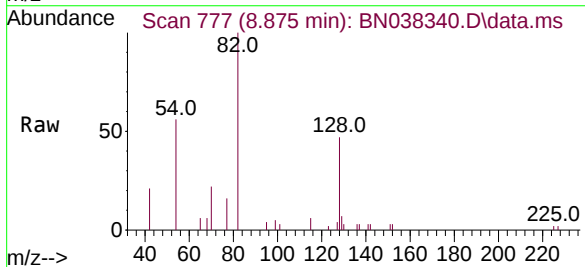
Instrument :
BNA_N
ClientSampleId :
TA-BR-05-465-120525

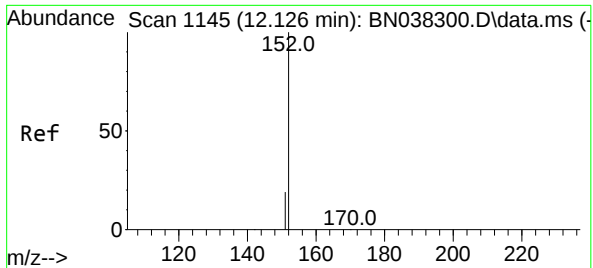
Tgt Ion:136	Resp:	15596
Ion Ratio	Lower	Upper
136	100	
137	11.5	9.1 13.7
54	10.9	5.2 7.8#
68	8.3	4.1 6.1#



#8
Nitrobenzene-d5
Concen: 0.266 ng
RT: 8.875 min Scan# 777
Delta R.T. -0.000 min
Lab File: BN038340.D
Acq: 12 Dec 2025 06:02

Tgt Ion: 82	Resp:	3498
Ion Ratio	Lower	Upper
82	100	
128	47.1	34.0 51.0
54	56.2	44.4 66.6

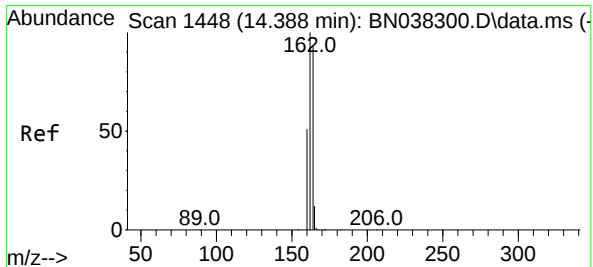
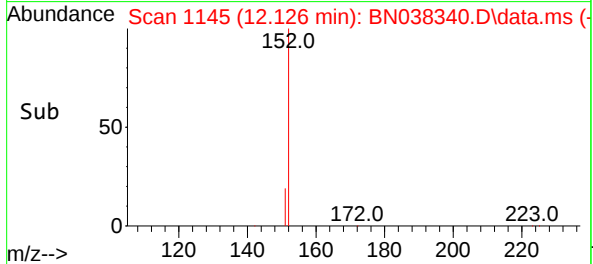
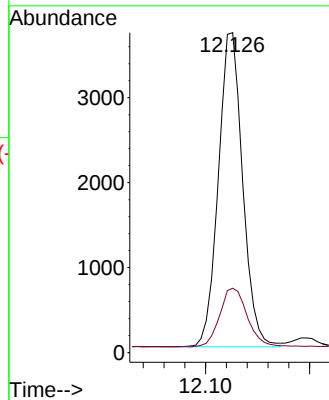
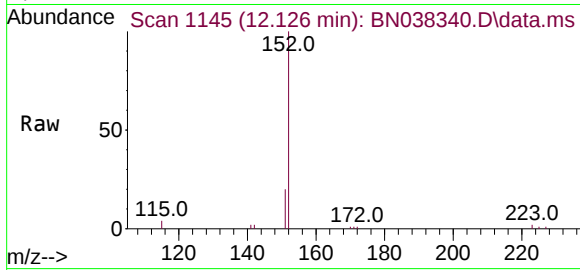




#11
2-Methylnaphthalene-d10
Concen: 0.274 ng
RT: 12.126 min Scan# 1145
Delta R.T. -0.000 min
Lab File: BN038340.D
Acq: 12 Dec 2025 06:02

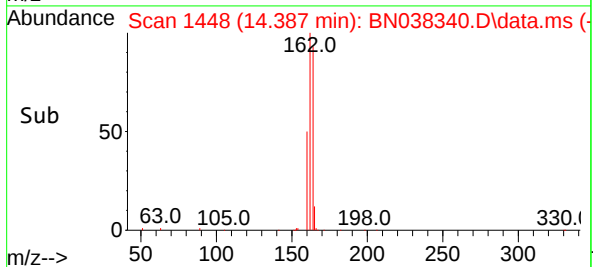
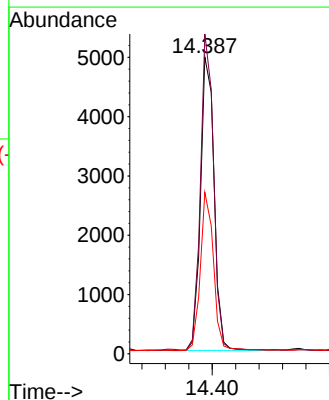
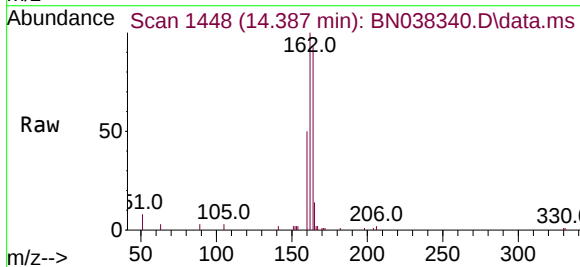
Instrument :
BNA_N
ClientSampleId :
TA-BR-05-465-120525

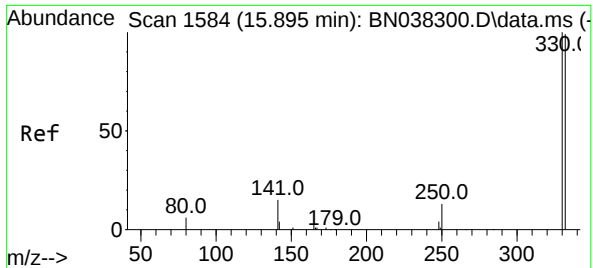
Tgt Ion:152 Resp: 6033
Ion Ratio Lower Upper
152 100
151 21.4 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.387 min Scan# 1448
Delta R.T. -0.011 min
Lab File: BN038340.D
Acq: 12 Dec 2025 06:02

Tgt Ion:164 Resp: 7934
Ion Ratio Lower Upper
164 100
162 107.8 86.2 129.4
160 54.4 44.6 67.0

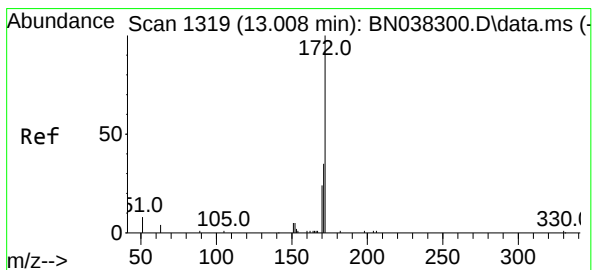
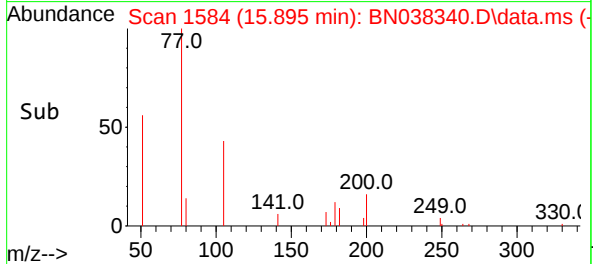
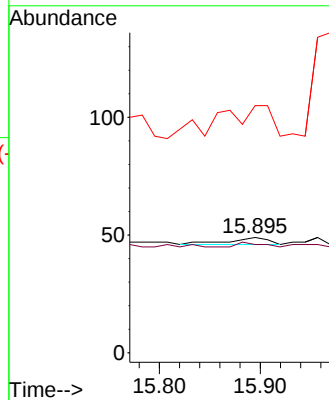
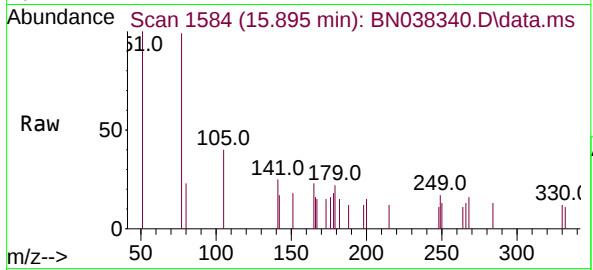




#14
2,4,6-Tribromophenol
Concen: 0.002 ng
RT: 15.895 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN038340.D
Acq: 12 Dec 2025 06:02

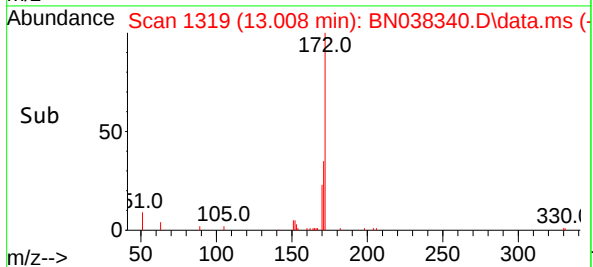
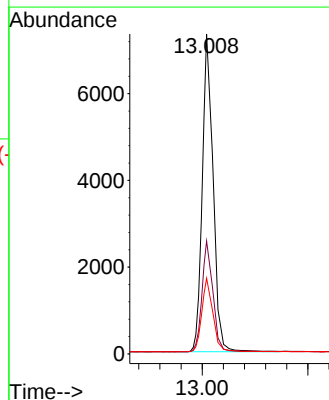
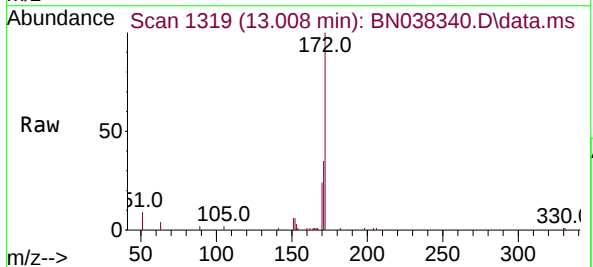
Instrument :
BNA_N
ClientSampleId :
TA-BR-05-465-120525

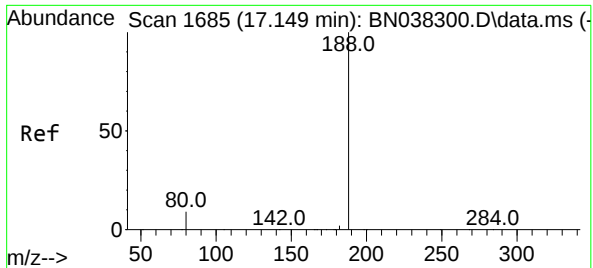
Tgt Ion:330 Resp: 8
Ion Ratio Lower Upper
330 100
332 37.5 75.8 113.6#
141 0.0 31.8 47.8#



#15
2-Fluorobiphenyl
Concen: 0.305 ng
RT: 13.008 min Scan# 1319
Delta R.T. -0.000 min
Lab File: BN038340.D
Acq: 12 Dec 2025 06:02

Tgt Ion:172 Resp: 11656
Ion Ratio Lower Upper
172 100
171 35.3 28.6 42.8
170 23.6 19.3 28.9





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.148 min Scan# 1685

Delta R.T. -0.000 min

Lab File: BN038340.D

Acq: 12 Dec 2025 06:02

Instrument :

BNA_N

ClientSampleId :

TA-BR-05-465-120525

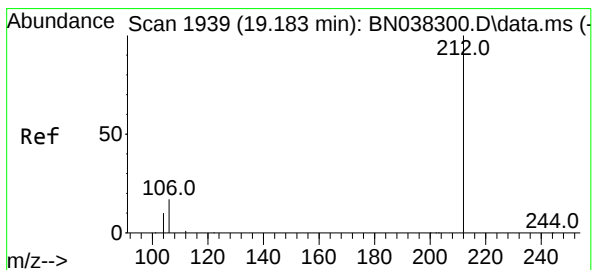
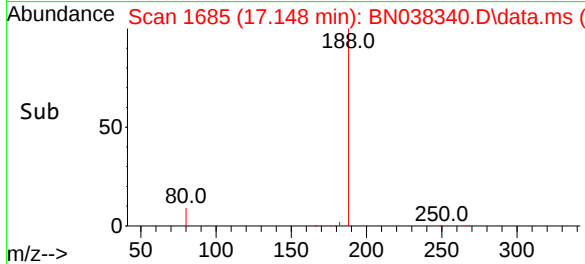
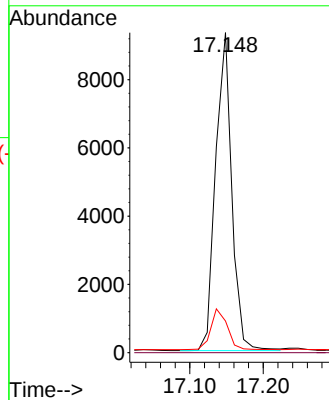
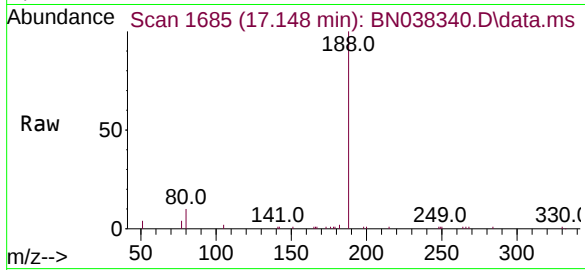
Tgt Ion:188 Resp: 14347

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.9 7.4 11.0



#27

Fluoranthene-d10

Concen: 0.357 ng

RT: 19.183 min Scan# 1939

Delta R.T. -0.005 min

Lab File: BN038340.D

Acq: 12 Dec 2025 06:02

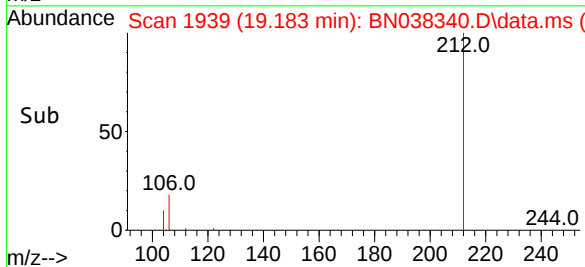
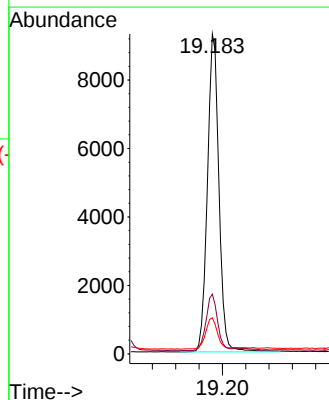
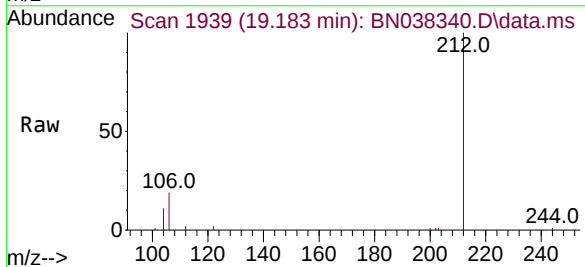
Tgt Ion:212 Resp: 12667

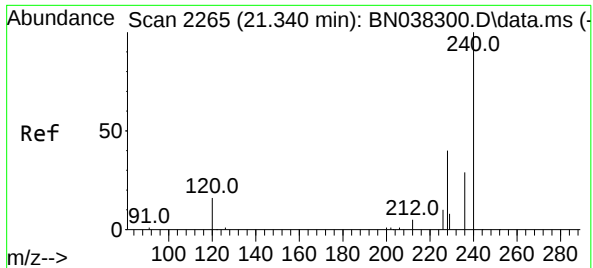
Ion Ratio Lower Upper

212 100

106 17.8 13.7 20.5

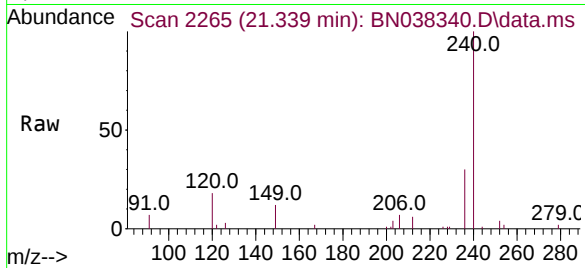
104 10.0 7.8 11.8



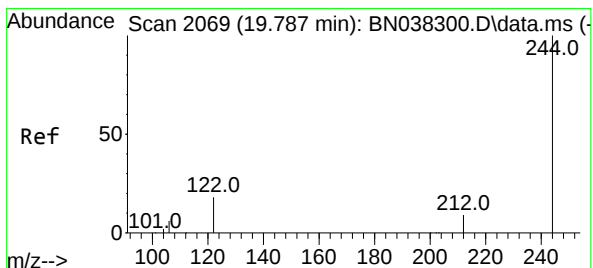
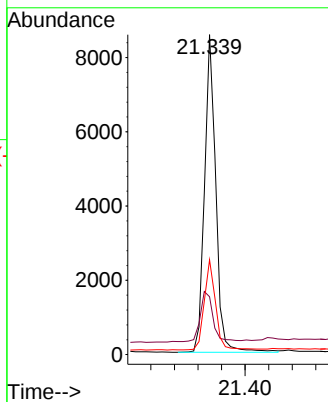
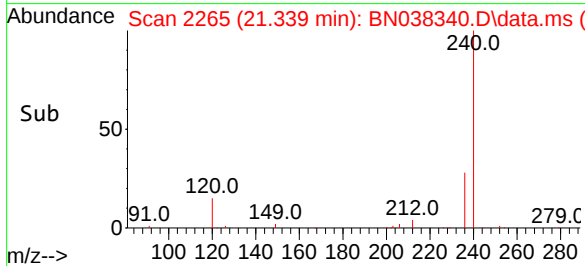


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.339 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN038340.D
Acq: 12 Dec 2025 06:02

Instrument :
BNA_N
ClientSampleId :
TA-BR-05-465-120525

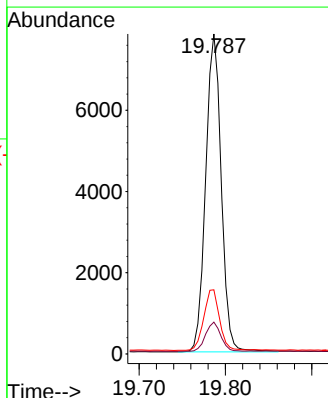
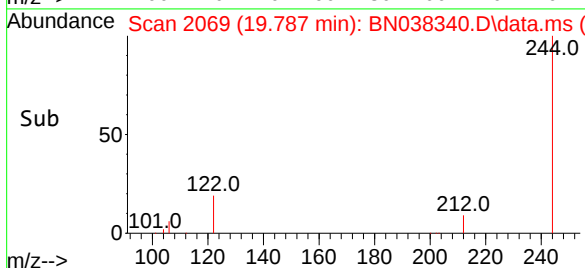
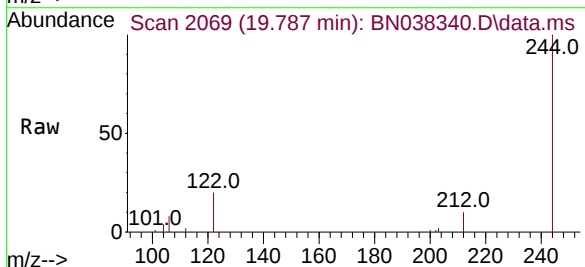


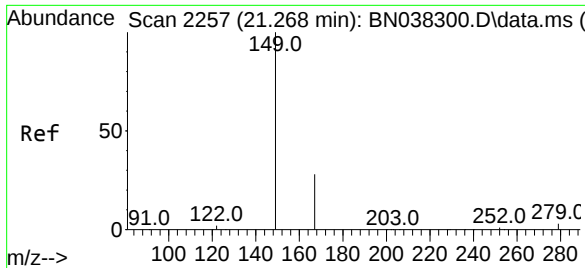
Tgt Ion	Ratio	Lower	Upper
240	100		
120	18.1	15.4	23.2
236	29.6	23.9	35.9



#31
Terphenyl-d14
Concen: 0.388 ng
RT: 19.787 min Scan# 2069
Delta R.T. -0.005 min
Lab File: BN038340.D
Acq: 12 Dec 2025 06:02

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.9	7.9	11.9
122	20.0	15.0	22.6

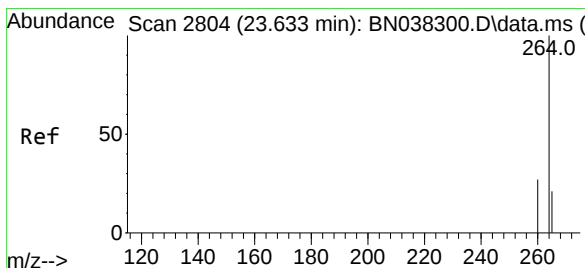
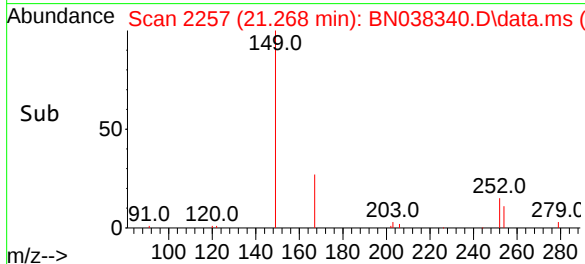
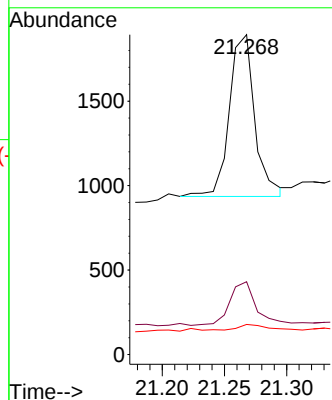
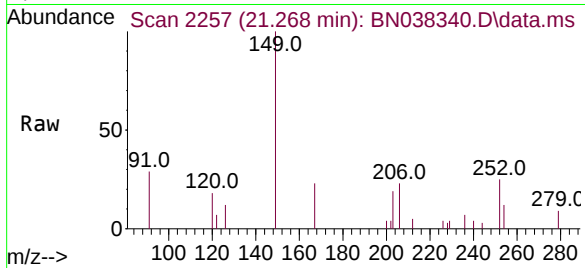




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.057 ng
RT: 21.268 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN038340.D
Acq: 12 Dec 2025 06:02

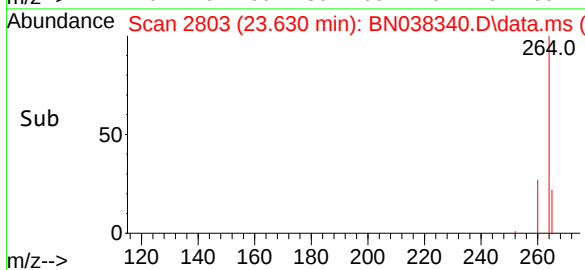
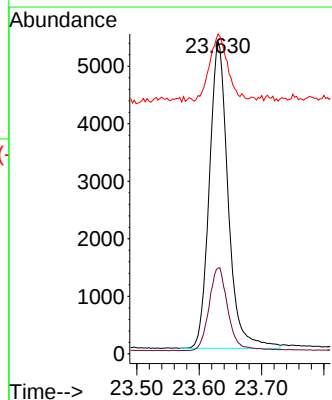
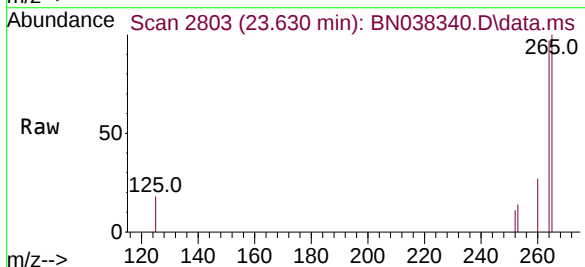
Instrument :
BNA_N
ClientSampleId :
TA-BR-05-465-120525

Tgt Ion:149 Resp: 1365
Ion Ratio Lower Upper
149 100
167 29.5 21.4 32.0
279 4.3 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: BN038340.D
Acq: 12 Dec 2025 06:02

Tgt Ion:264 Resp: 11188
Ion Ratio Lower Upper
264 100
260 27.5 22.2 33.2
265 102.7 80.2 120.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121125\
 Data File : BN038326.D
 Acq On : 11 Dec 2025 20:16
 Operator : RC/JU
 Sample : Q3788-11
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-16B-87.5-120525

Quant Time: Dec 12 00:11:03 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)

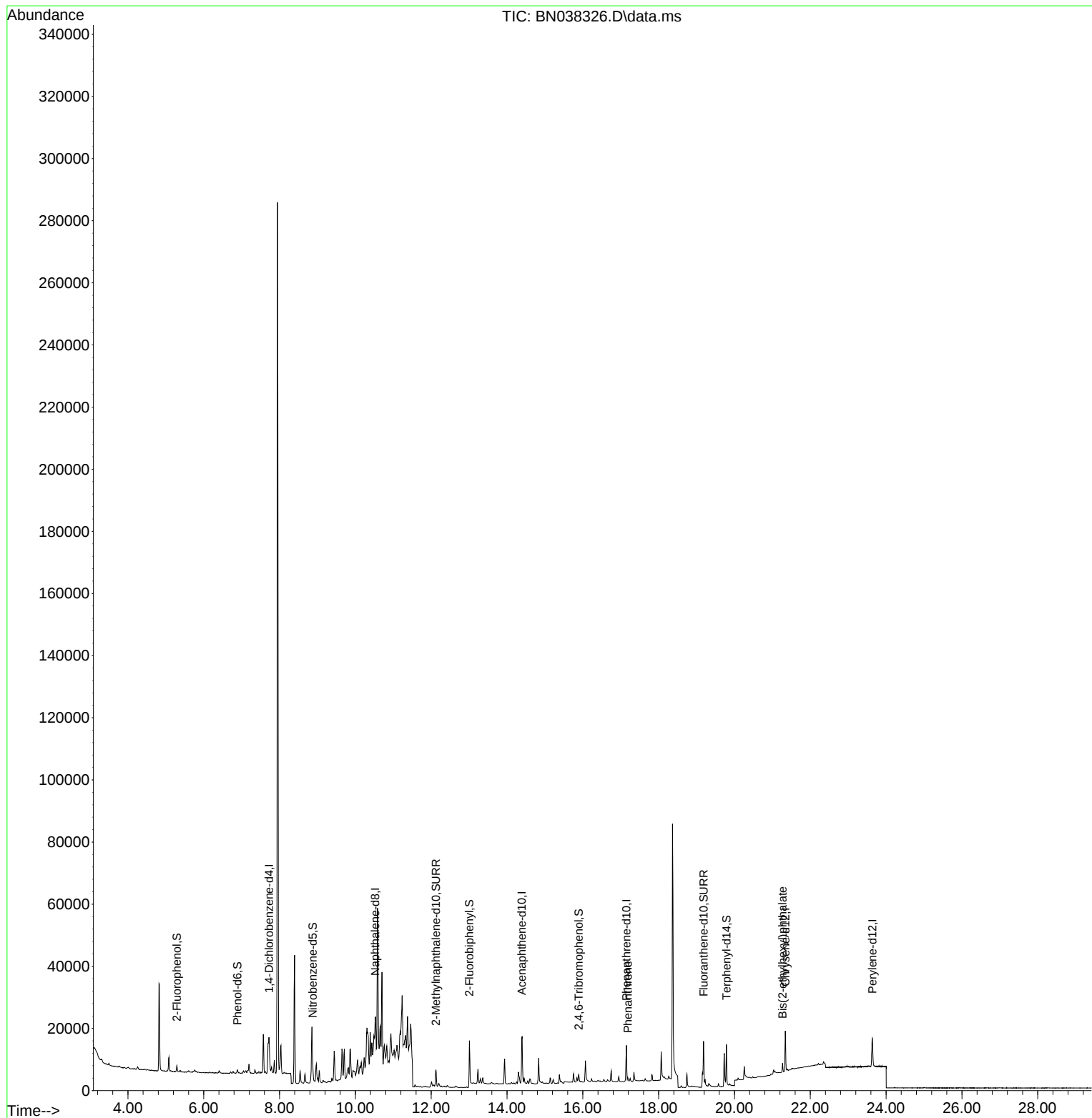
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	5312	0.400	ng	0.00
7) Naphthalene-d8	10.519	136	14704	0.400	ng	#-0.01
13) Acenaphthene-d10	14.388	164	8122	0.400	ng	-0.01
19) Phenanthrene-d10	17.148	188	14757	0.400	ng	0.00
29) Chrysene-d12	21.340	240	12246	0.400	ng	0.00
35) Perylene-d12	23.636	264	12457	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.290	112	1583	0.120	ng	0.00
5) Phenol-d6	6.887	99	1101	0.070	ng	0.00
8) Nitrobenzene-d5	8.875	82	4197	0.338	ng	0.00
11) 2-Methylnaphthalene-d10	12.126	152	6672	0.322	ng	0.00
14) 2,4,6-Tribromophenol	15.895	330	1368	0.380	ng	0.00
15) 2-Fluorobiphenyl	13.008	172	12194	0.312	ng	0.00
27) Fluoranthene-d10	19.183	212	14543	0.398	ng	0.00
31) Terphenyl-d14	19.787	244	11162	0.408	ng	0.00
Target Compounds						
25) Phenanthrene	17.186	178	1265	0.025	ng	# 89
34) Bis(2-ethylhexyl)phtha...	21.268	149	2769	0.107	ng	# 96

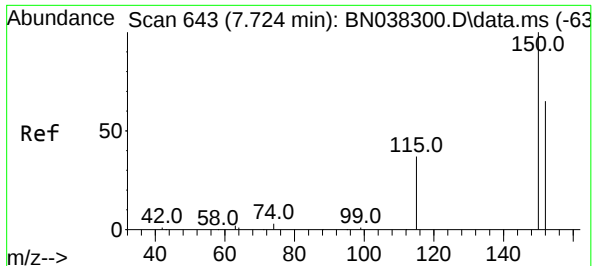
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121125\
Data File : BN038326.D
Acq On : 11 Dec 2025 20:16
Operator : RC/JU
Sample : Q3788-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-16B-87.5-120525

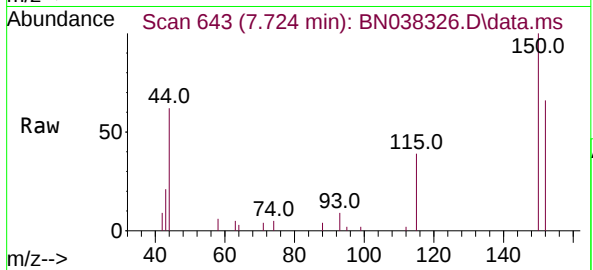
Quant Time: Dec 12 00:11:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 10 13:56:50 2025
Response via : Initial Calibration



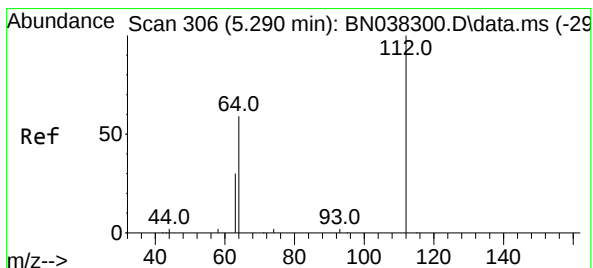
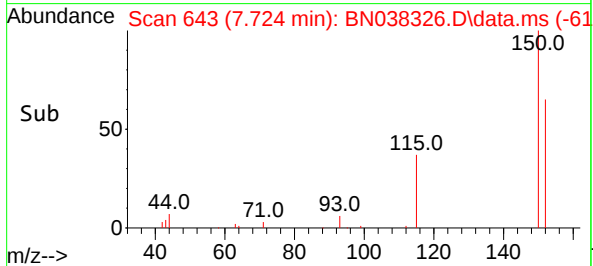
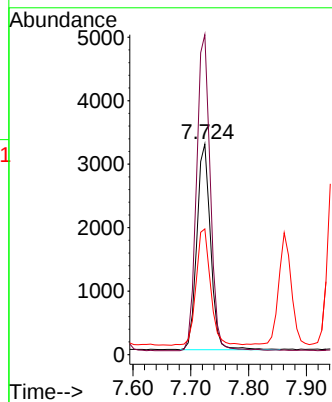


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.724 min Scan# 64
Delta R.T. 0.000 min
Lab File: BN038326.D
Acq: 11 Dec 2025 20:16

Instrument :
BNA_N
ClientSampleId :
MW-16B-87.5-120525

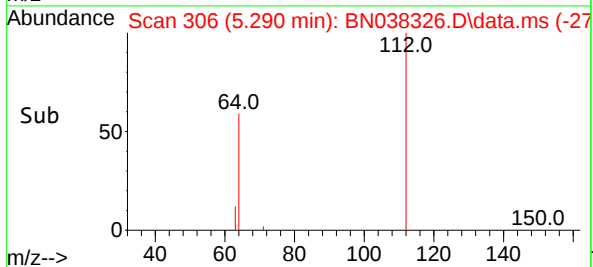
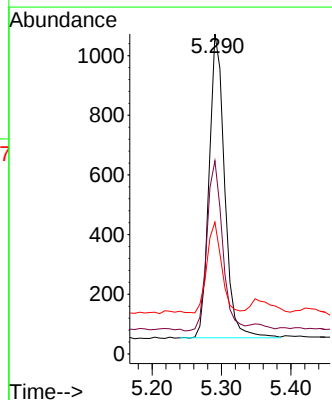
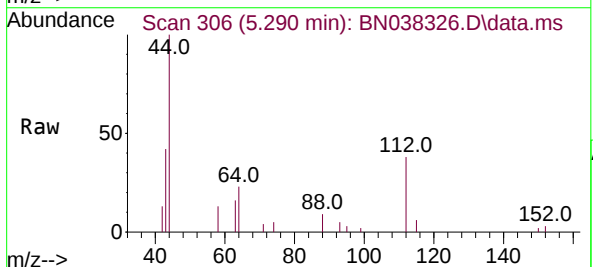


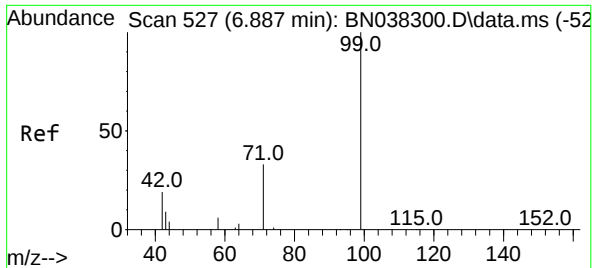
Tgt Ion:152 Resp: 5312
Ion Ratio Lower Upper
152 100
150 152.0 122.4 183.6
115 59.7 47.3 70.9



#4
2-Fluorophenol
Concen: 0.120 ng
RT: 5.290 min Scan# 306
Delta R.T. 0.000 min
Lab File: BN038326.D
Acq: 11 Dec 2025 20:16

Tgt Ion:112 Resp: 1583
Ion Ratio Lower Upper
112 100
64 56.5 44.4 66.6
63 29.0 23.4 35.0

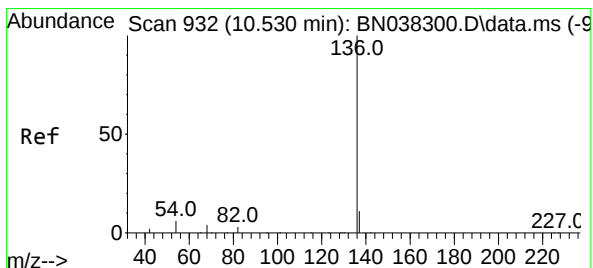
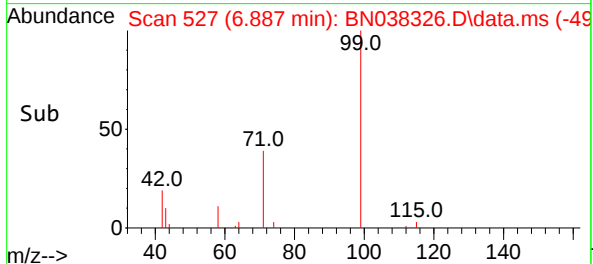
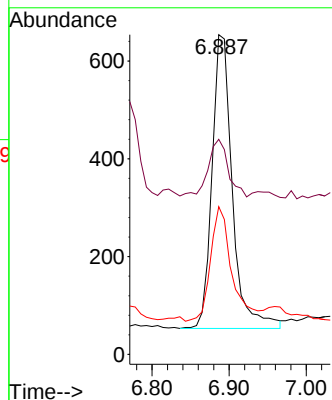
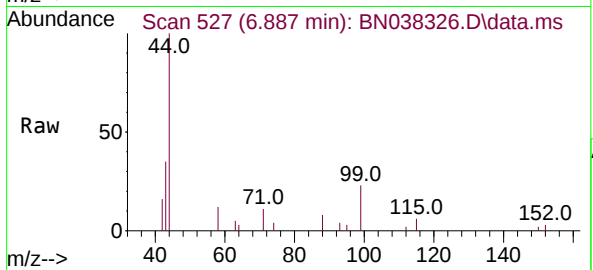




#5
Phenol-d6
Concen: 0.070 ng
RT: 6.887 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN038326.D
Acq: 11 Dec 2025 20:16

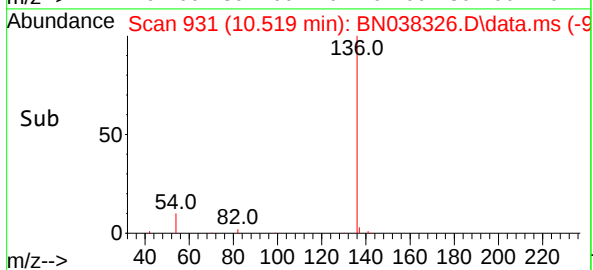
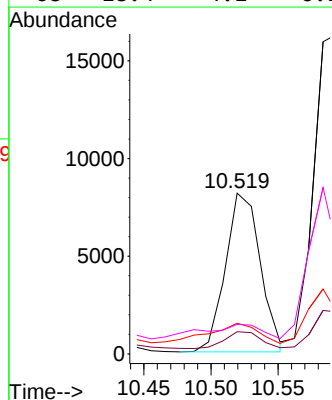
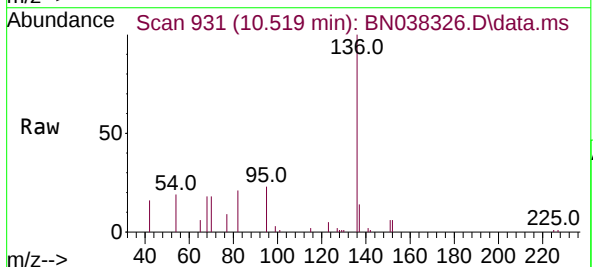
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BNA_N
ClientSampleId :
MW-16B-87.5-120525

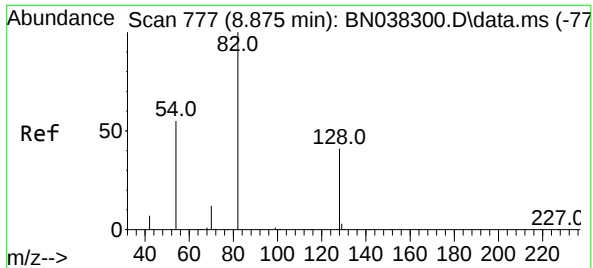
Tgt Ion: 99 Resp: 1101
Ion Ratio Lower Upper
99 100
42 19.4 16.5 24.7
71 40.4 24.9 37.3#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.519 min Scan# 931
Delta R.T. -0.011 min
Lab File: BN038326.D
Acq: 11 Dec 2025 20:16

Tgt Ion: 136 Resp: 14704
Ion Ratio Lower Upper
136 100
137 13.8 9.1 13.7#
54 19.1 5.2 7.8#
68 18.4 4.1 6.1#

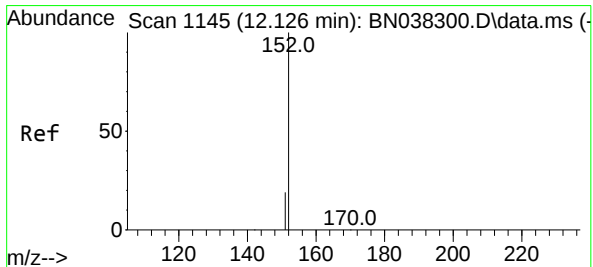
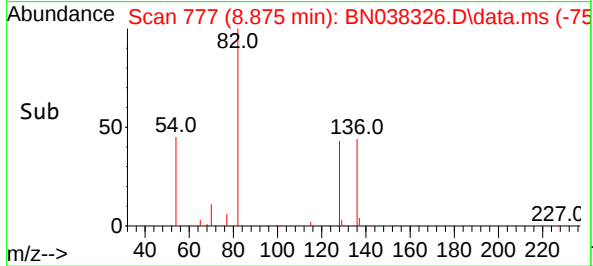
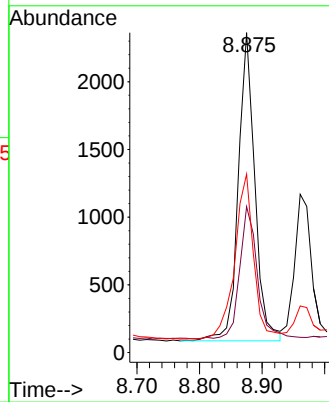
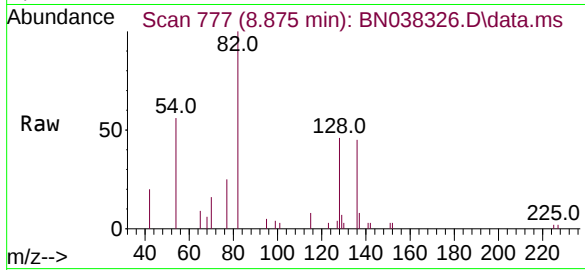




#8
Nitrobenzene-d5
Concen: 0.338 ng
RT: 8.875 min Scan# 777
Delta R.T. 0.000 min
Lab File: BN038326.D
Acq: 11 Dec 2025 20:16

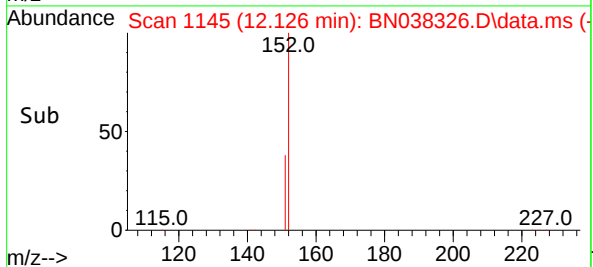
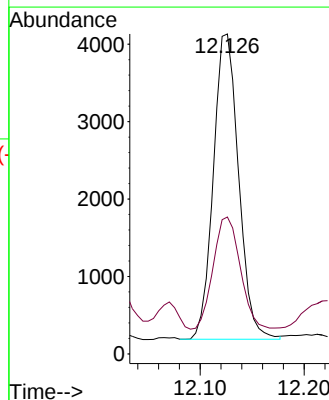
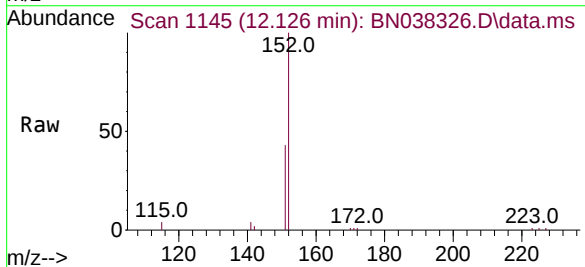
Instrument :
BNA_N
ClientSampleId :
MW-16B-87.5-120525

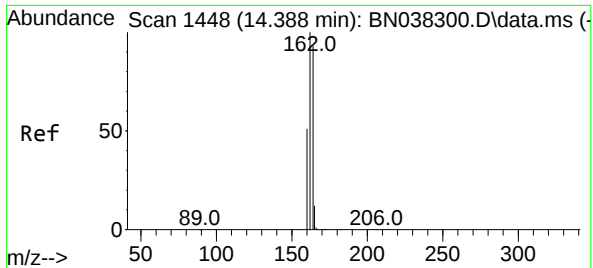
Tgt Ion:	82	Resp:	4197
Ion Ratio	Lower	Upper	
82	100		
128	45.6	34.0	51.0
54	55.8	44.4	66.6



#11
2-Methylnaphthalene-d10
Concen: 0.322 ng
RT: 12.126 min Scan# 1145
Delta R.T. 0.000 min
Lab File: BN038326.D
Acq: 11 Dec 2025 20:16

Tgt Ion:	152	Resp:	6672
Ion Ratio	Lower	Upper	
152	100		
151	39.3	17.0	25.6#

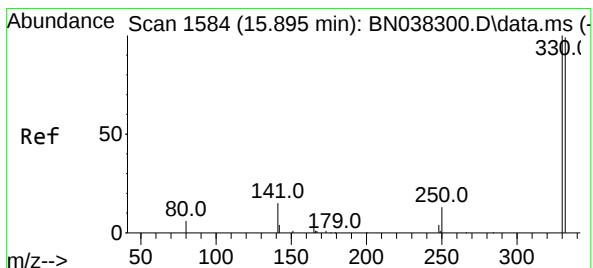
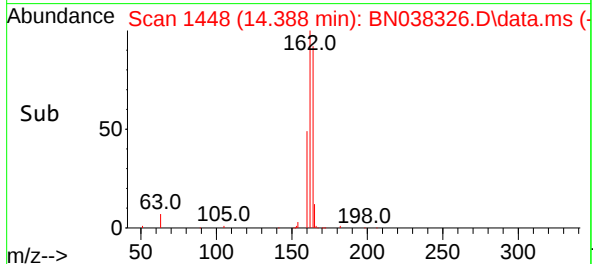
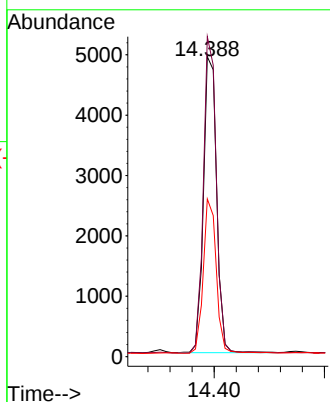
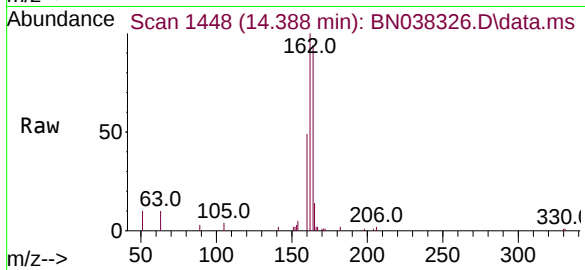




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.388 min Scan# 1448
Delta R.T. -0.011 min
Lab File: BN038326.D
Acq: 11 Dec 2025 20:16

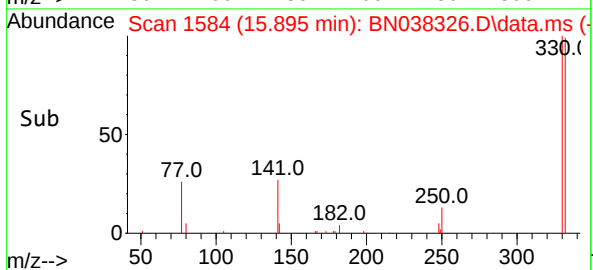
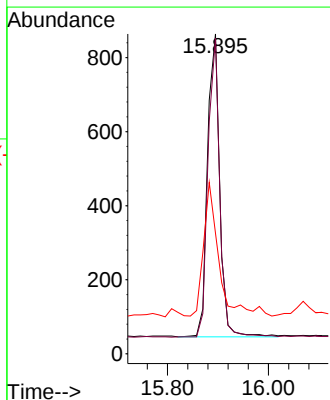
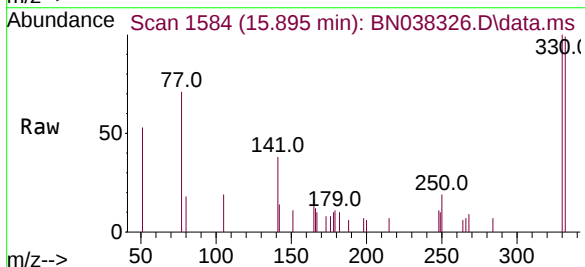
Instrument :
BNA_N
ClientSampleId :
MW-16B-87.5-120525

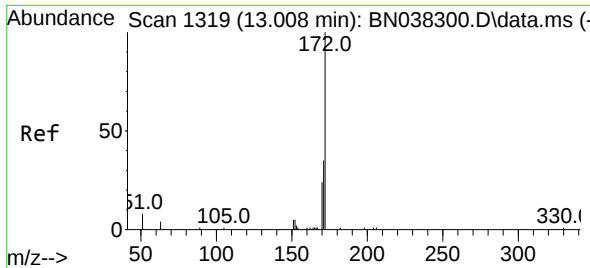
Tgt Ion	164	Resp	8122
Ion Ratio	Lower	Upper	
164	100		
162	106.7	86.2	129.4
160	52.6	44.6	67.0



#14
2,4,6-Tribromophenol
Concen: 0.380 ng
RT: 15.895 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BN038326.D
Acq: 11 Dec 2025 20:16

Tgt Ion	330	Resp	1368
Ion Ratio	Lower	Upper	
330	100		
332	95.8	75.8	113.6
141	55.1	31.8	47.8#

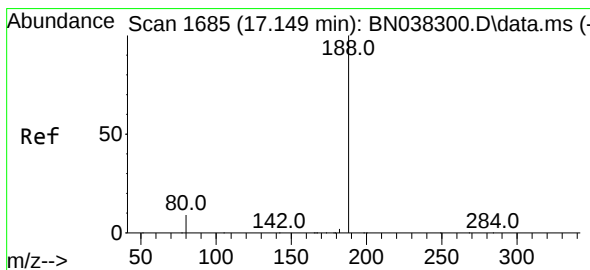
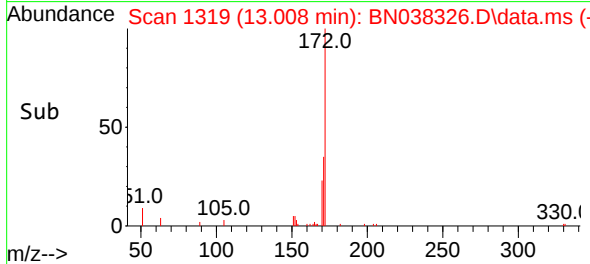
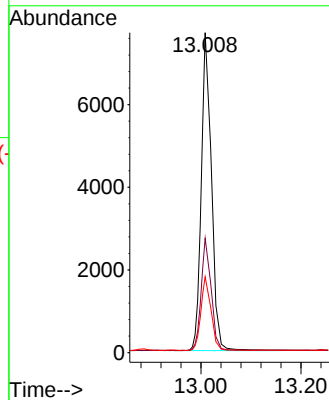
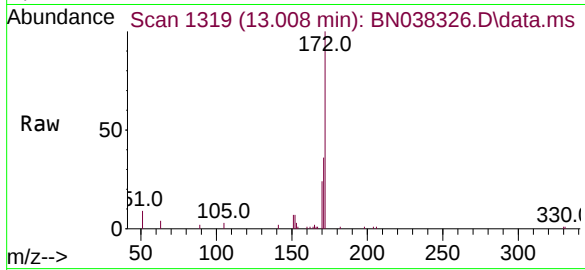




#15
2-Fluorobiphenyl
Concen: 0.312 ng
RT: 13.008 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BN038326.D
Acq: 11 Dec 2025 20:16

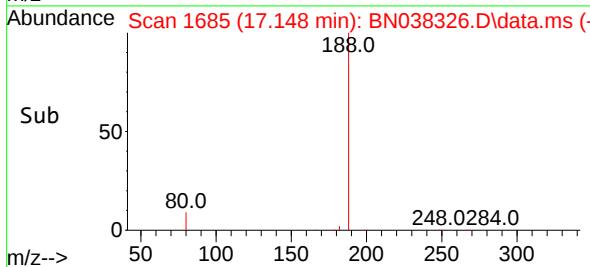
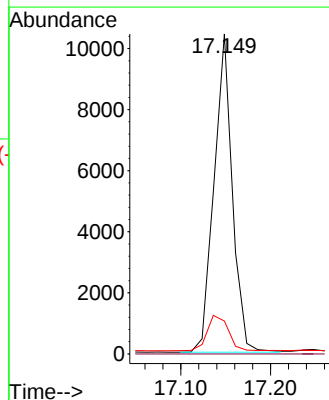
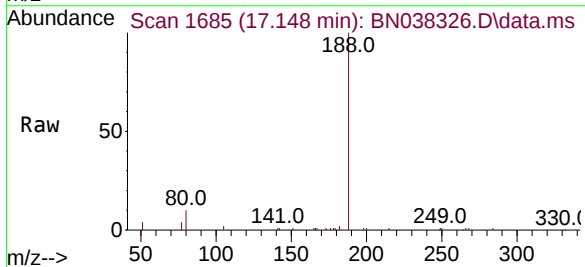
Instrument :
BNA_N
ClientSampleId :
MW-16B-87.5-120525

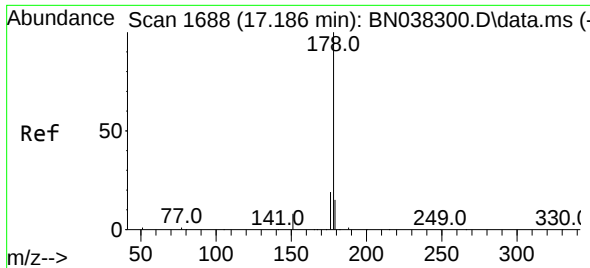
Tgt Ion:	172	Resp:	12194
Ion Ratio	Lower	Upper	
172	100		
171	35.7	28.6	42.8
170	23.7	19.3	28.9



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.148 min Scan# 1685
Delta R.T. 0.000 min
Lab File: BN038326.D
Acq: 11 Dec 2025 20:16

Tgt Ion:	188	Resp:	14757
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	10.3	7.4	11.0

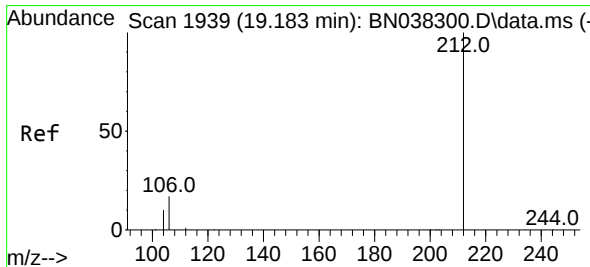
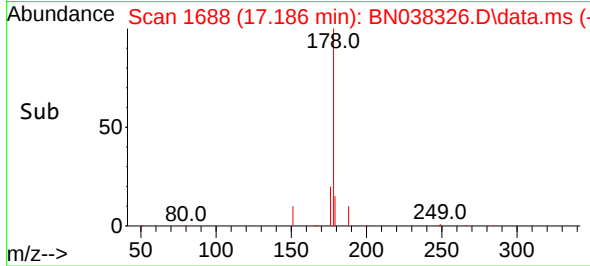
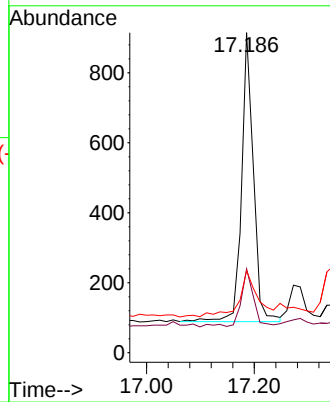
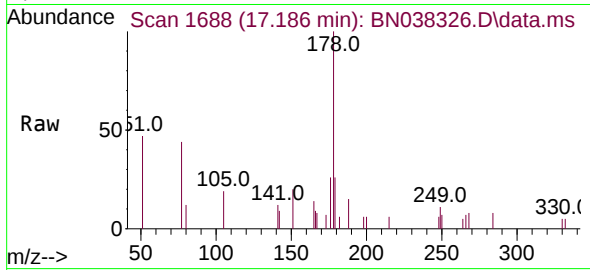




#25
Phenanthrene
Concen: 0.025 ng
RT: 17.186 min Scan# 1688
Delta R.T. 0.000 min
Lab File: BN038326.D
Acq: 11 Dec 2025 20:16

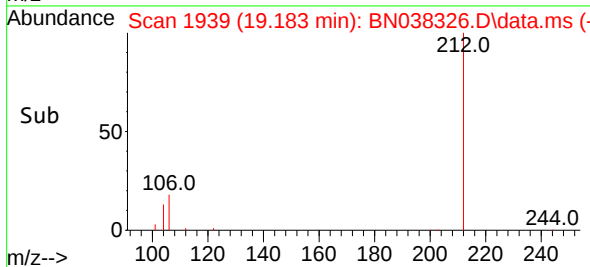
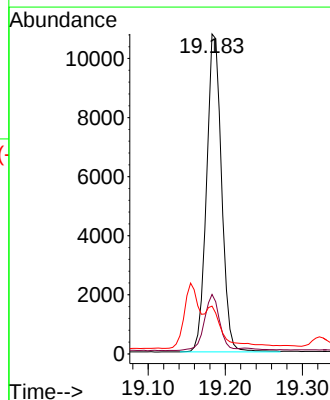
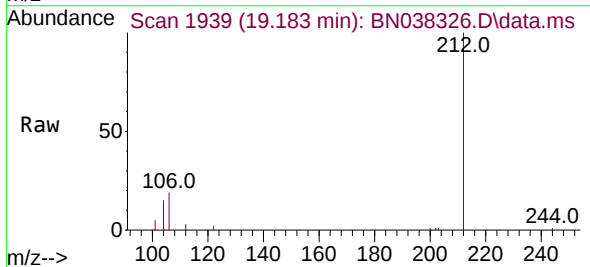
Instrument :
BNA_N
ClientSampleId :
MW-16B-87.5-120525

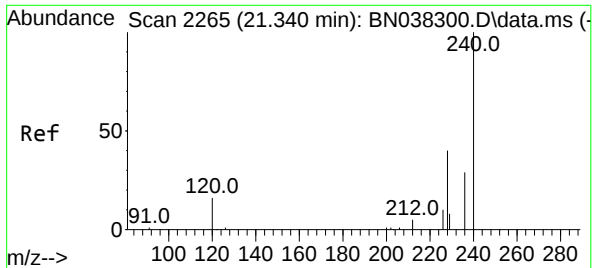
Tgt Ion:	178	Resp:	1265
Ion Ratio	Lower	Upper	
178	100		
176	20.0	15.5	23.3
179	25.3	12.2	18.2



#27
Fluoranthene-d10
Concen: 0.398 ng
RT: 19.183 min Scan# 1939
Delta R.T. -0.005 min
Lab File: BN038326.D
Acq: 11 Dec 2025 20:16

Tgt Ion:	212	Resp:	14543
Ion Ratio	Lower	Upper	
212	100		
106	17.9	13.7	20.5
104	0.0	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: BN038326.D

Acq: 11 Dec 2025 20:16

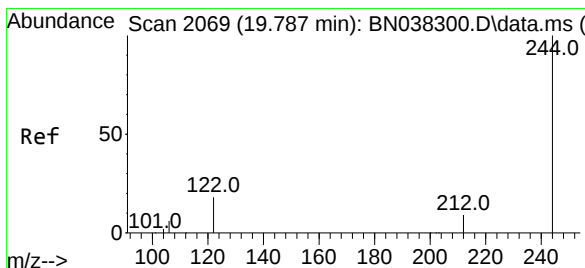
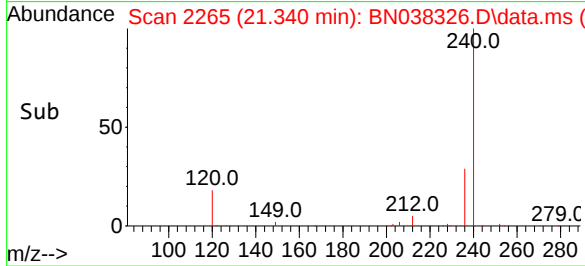
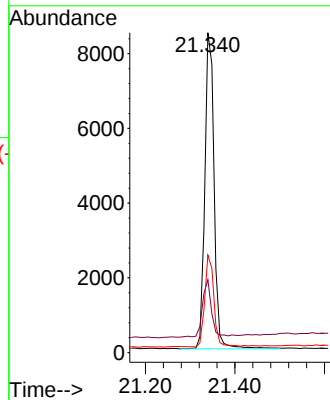
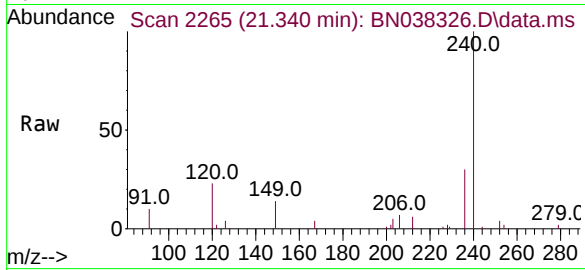
Instrument :

BNA_N

ClientSampleId :

MW-16B-87.5-120525

Tgt Ion:240	Resp:	12246
Ion	Ratio	Lower Upper
240	100	
120	22.8	15.4 23.2
236	30.5	23.9 35.9



#31

Terphenyl-d14

Concen: 0.408 ng

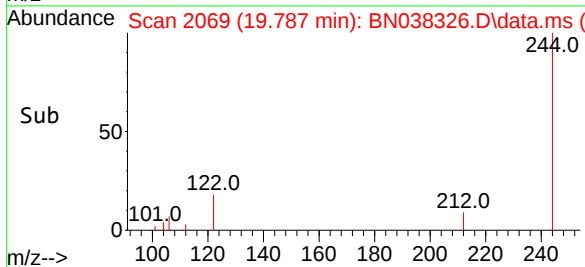
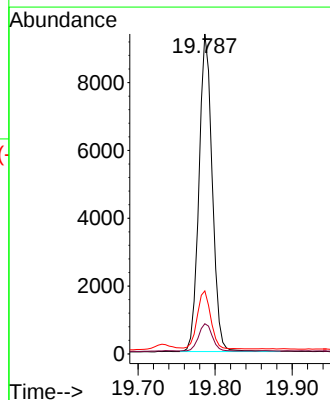
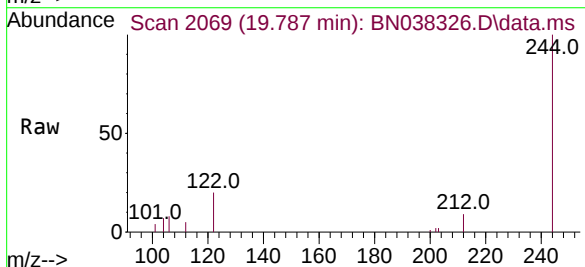
RT: 19.787 min Scan# 2069

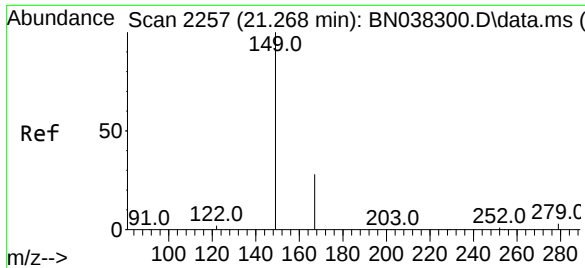
Delta R.T. -0.005 min

Lab File: BN038326.D

Acq: 11 Dec 2025 20:16

Tgt Ion:244	Resp:	11162
Ion	Ratio	Lower Upper
244	100	
212	9.4	7.9 11.9
122	19.7	15.0 22.6

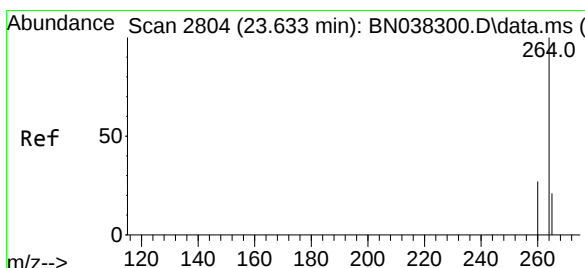
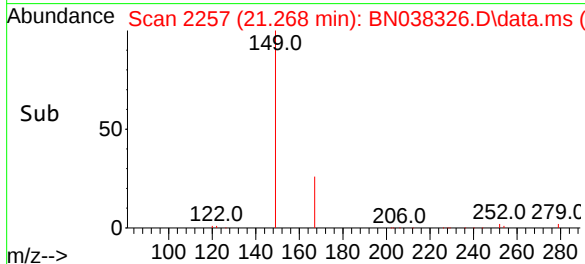
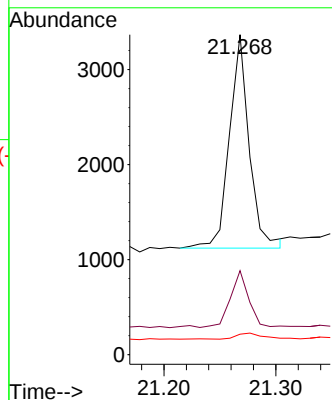
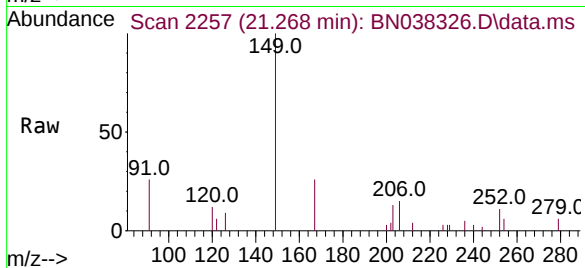




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.107 ng
RT: 21.268 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN038326.D
Acq: 11 Dec 2025 20:16

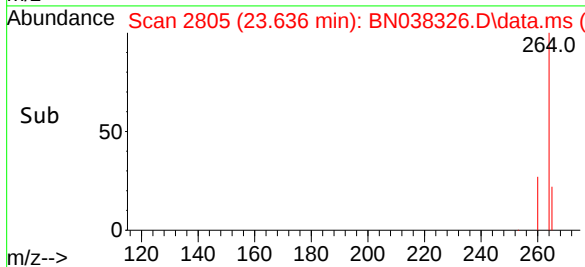
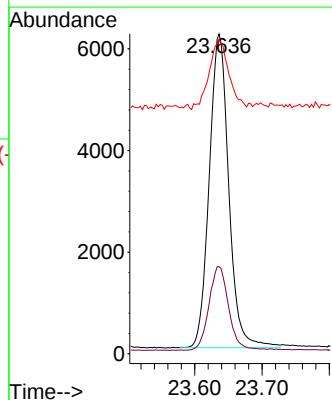
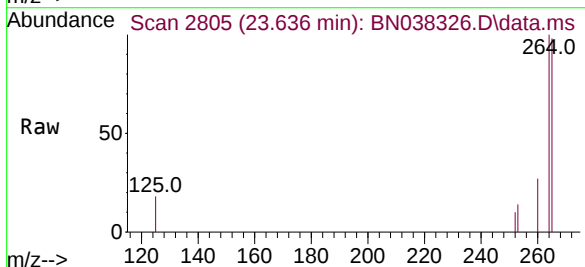
Instrument :
BNA_N
ClientSampleId :
MW-16B-87.5-120525

Tgt Ion:149 Resp: 2769
Ion Ratio Lower Upper
149 100
167 24.8 21.4 32.0
279 4.0 2.4 3.6#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.636 min Scan# 2805
Delta R.T. 0.003 min
Lab File: BN038326.D
Acq: 11 Dec 2025 20:16

Tgt Ion:264 Resp: 12457
Ion Ratio Lower Upper
264 100
260 27.3 22.2 33.2
265 98.2 80.2 120.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121125\
Data File : BN038312.D
Acq On : 11 Dec 2025 11:49
Operator : RC/JU
Sample : PB170850BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB170850BL

Quant Time: Dec 11 12:18:30 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	6927	0.400	ng	0.00
7) Naphthalene-d8	10.530	136	17922	0.400	ng	0.00
13) Acenaphthene-d10	14.398	164	8615	0.400	ng	0.00
19) Phenanthrene-d10	17.148	188	14660	0.400	ng	# 0.00
29) Chrysene-d12	21.348	240	9357	0.400	ng	0.00
35) Perylene-d12	23.642	264	9320	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.298	112	6513	0.378	ng	0.00
5) Phenol-d6	6.894	99	7234	0.353	ng	0.00
8) Nitrobenzene-d5	8.875	82	6016	0.398	ng	0.00
11) 2-Methylnaphthalene-d10	12.126	152	9148	0.362	ng	0.00
14) 2,4,6-Tribromophenol	15.895	330	576	0.151	ng	0.00
15) 2-Fluorobiphenyl	13.019	172	15599	0.376	ng	0.01
27) Fluoranthene-d10	19.187	212	12817	0.354	ng	0.00
31) Terphenyl-d14	19.791	244	9454	0.453	ng	0.00

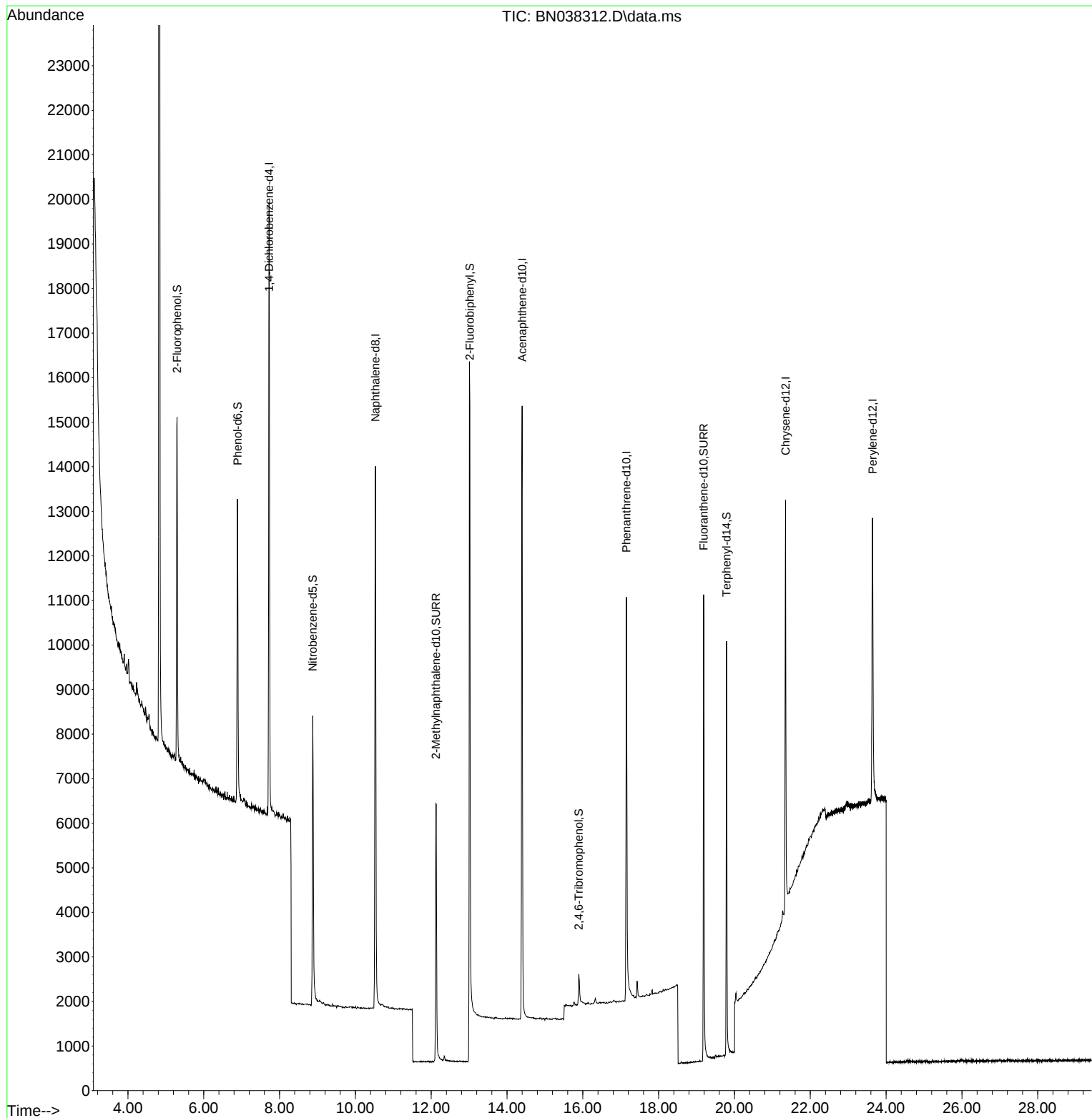
Target Compounds Qvalue

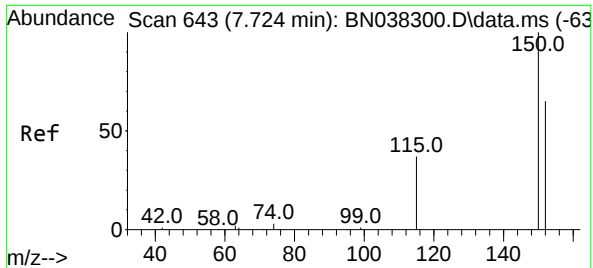
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121125\
Data File : BN038312.D
Acq On : 11 Dec 2025 11:49
Operator : RC/JU
Sample : PB170850BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB170850BL

Quant Time: Dec 11 12:18:30 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

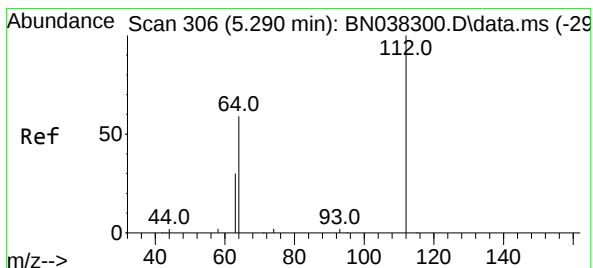
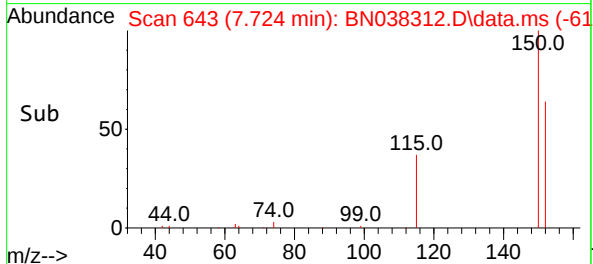
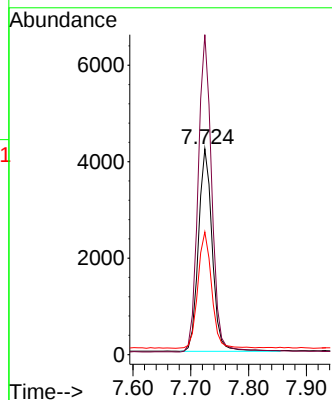
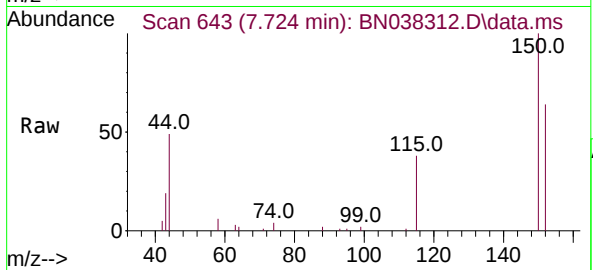




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.724 min Scan# 64
Delta R.T. 0.000 min
Lab File: BN038312.D
Acq: 11 Dec 2025 11:49

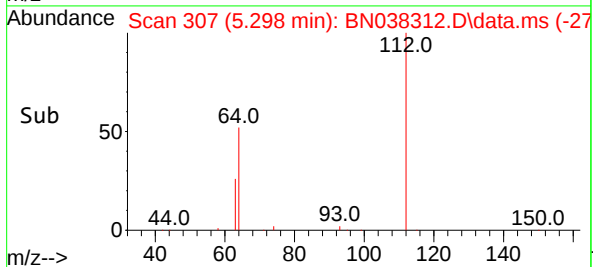
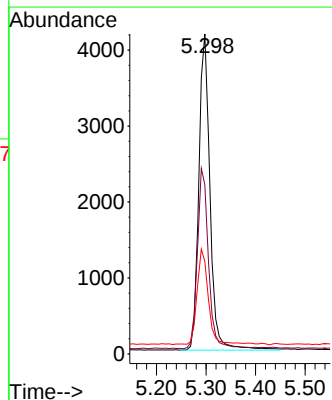
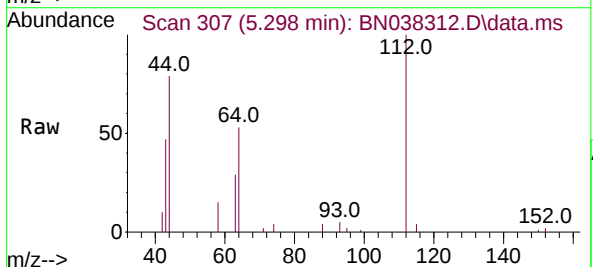
Instrument :
BNA_N
ClientSampleId :
PB170850BL

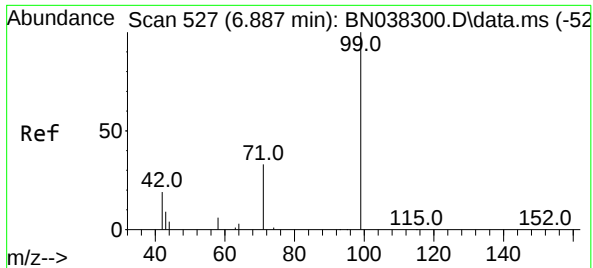
Tgt Ion:152 Resp: 6927
Ion Ratio Lower Upper
152 100
150 155.5 122.4 183.6
115 59.6 47.3 70.9



#4
2-Fluorophenol
Concen: 0.378 ng
RT: 5.298 min Scan# 307
Delta R.T. 0.007 min
Lab File: BN038312.D
Acq: 11 Dec 2025 11:49

Tgt Ion:112 Resp: 6513
Ion Ratio Lower Upper
112 100
64 57.0 44.4 66.6
63 31.5 23.4 35.0



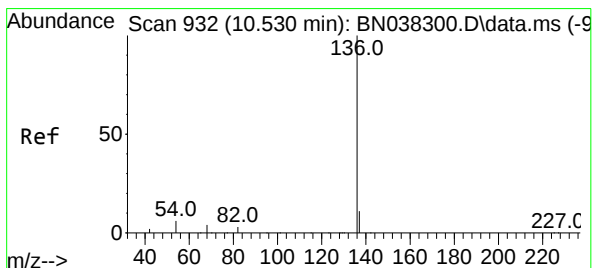
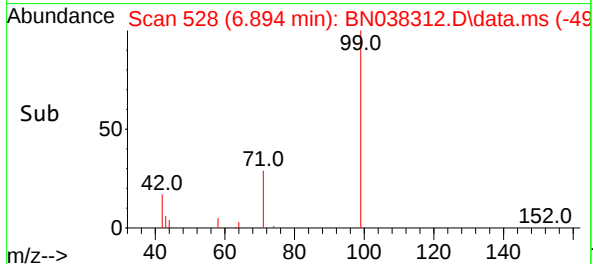
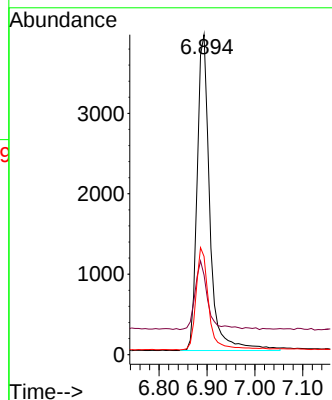
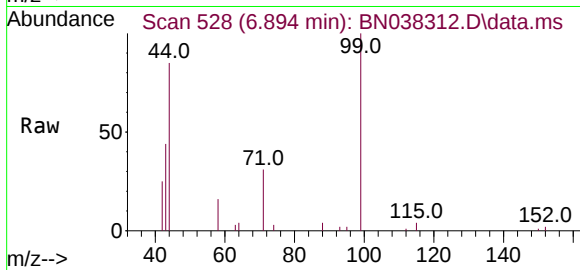


#5
Phenol-d6
Concen: 0.353 ng
RT: 6.894 min Scan# 527
Delta R.T. 0.007 min
Lab File: BN038312.D
Acq: 11 Dec 2025 11:49

Instrument :
BNA_N
ClientSampleId :
PB170850BL

Tgt Ion: 99 Resp: 7234

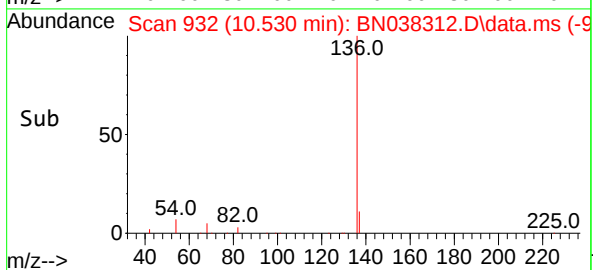
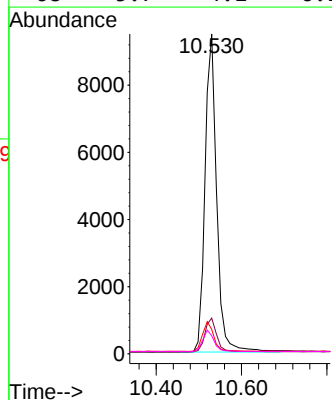
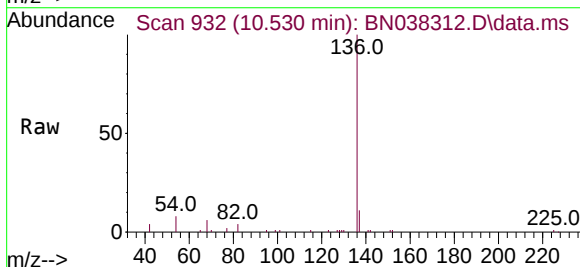
Ion	Ratio	Lower	Upper
99	100		
42	21.4	16.5	24.7
71	32.7	24.9	37.3

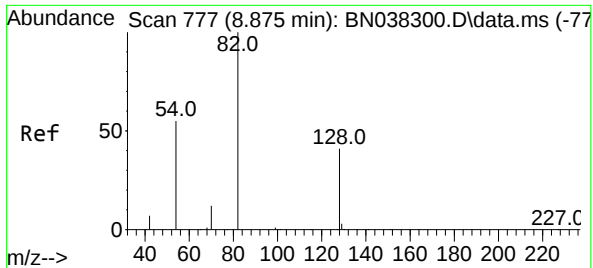


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.530 min Scan# 932
Delta R.T. 0.000 min
Lab File: BN038312.D
Acq: 11 Dec 2025 11:49

Tgt Ion: 136 Resp: 17922

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	7.6	5.2	7.8
68	5.7	4.1	6.1

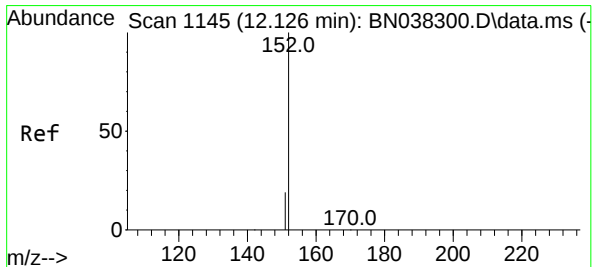
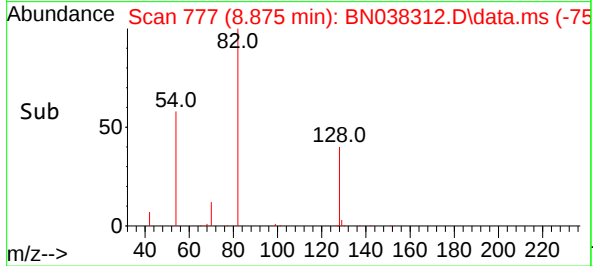
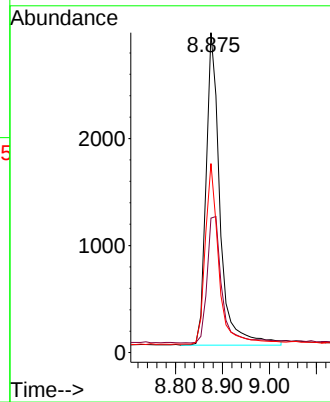
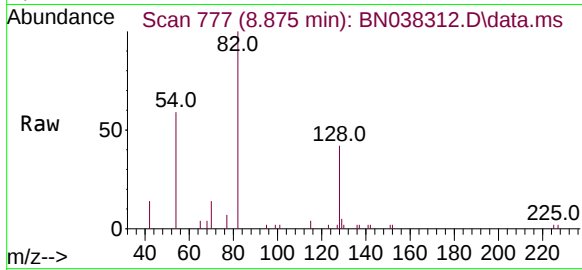




#8
Nitrobenzene-d5
Concen: 0.398 ng
RT: 8.875 min Scan# 777
Delta R.T. 0.000 min
Lab File: BN038312.D
Acq: 11 Dec 2025 11:49

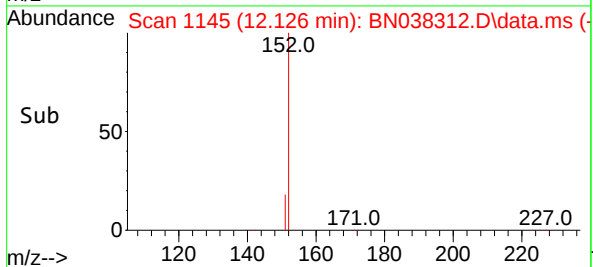
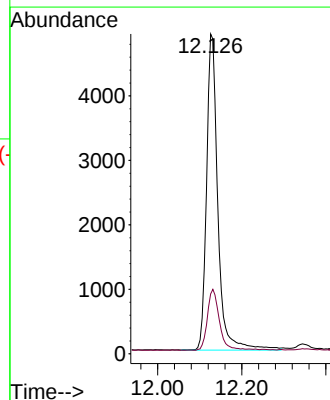
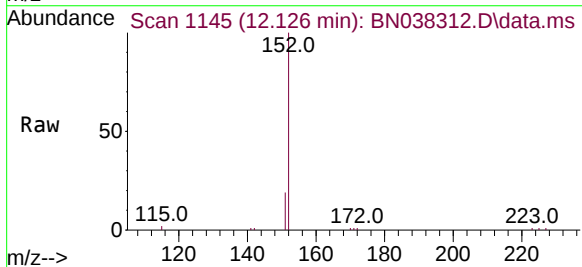
Instrument :
BNA_N
ClientSampleId :
PB170850BL

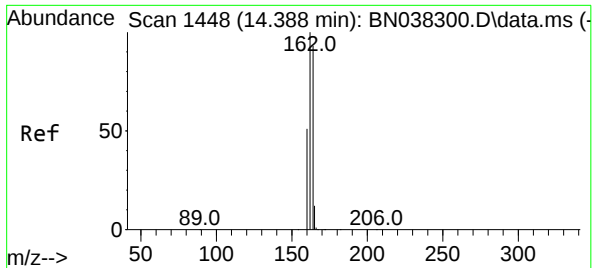
Tgt Ion:	82	Resp:	6016
Ion Ratio	Lower	Upper	
82	100		
128	42.0	34.0	51.0
54	59.1	44.4	66.6



#11
2-Methylnaphthalene-d10
Concen: 0.362 ng
RT: 12.126 min Scan# 1145
Delta R.T. 0.000 min
Lab File: BN038312.D
Acq: 11 Dec 2025 11:49

Tgt Ion:	152	Resp:	9148
Ion Ratio	Lower	Upper	
152	100		
151	20.3	17.0	25.6

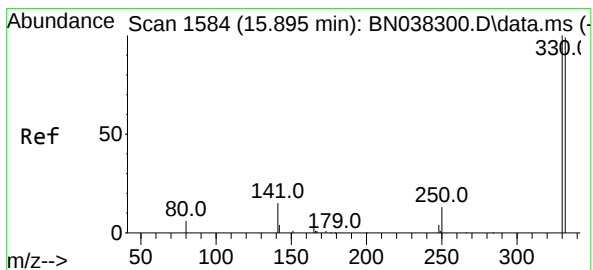
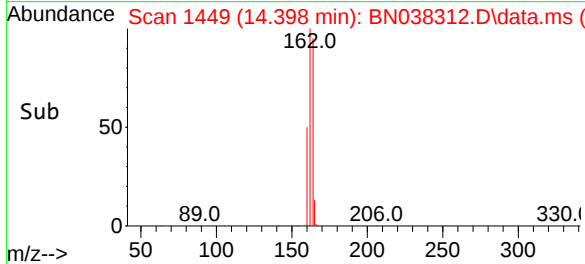
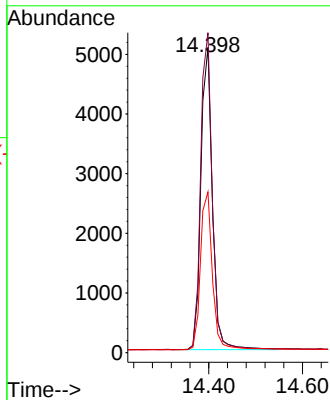
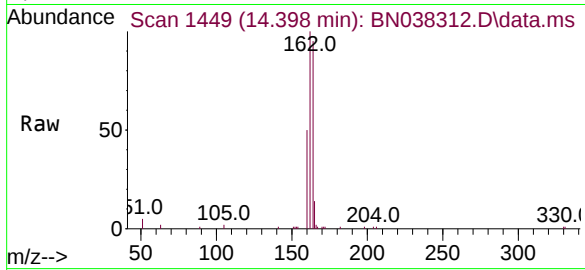




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.398 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BN038312.D
Acq: 11 Dec 2025 11:49

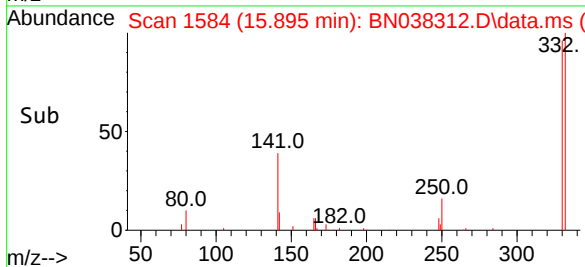
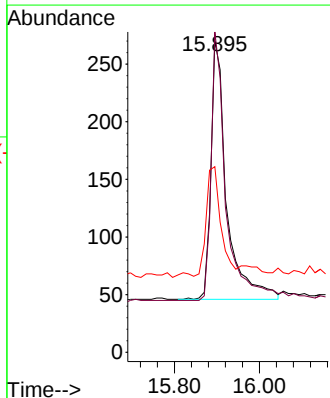
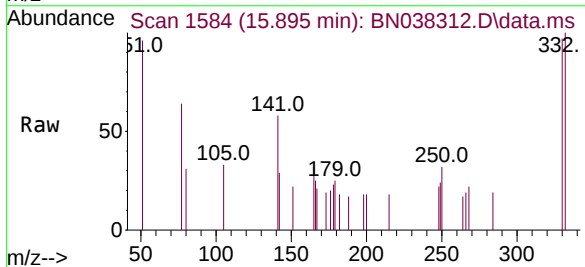
Instrument :
BNA_N
ClientSampleId :
PB170850BL

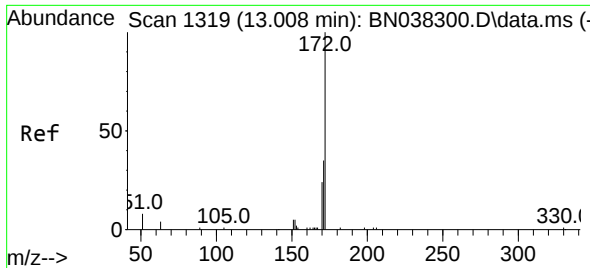
Tgt Ion:	164	Resp:	8615
Ion Ratio	Lower	Upper	
164	100		
162	104.8	86.2	129.4
160	52.6	44.6	67.0



#14
2,4,6-Tribromophenol
Concen: 0.151 ng
RT: 15.895 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BN038312.D
Acq: 11 Dec 2025 11:49

Tgt Ion:	330	Resp:	576
Ion Ratio	Lower	Upper	
330	100		
332	98.1	75.8	113.6
141	39.2	31.8	47.8

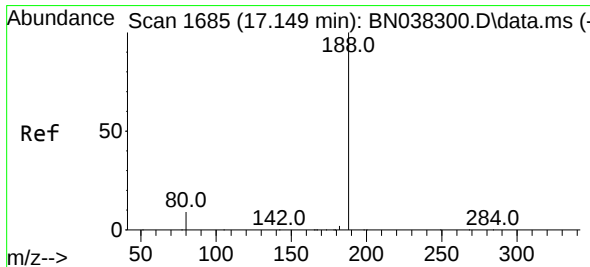
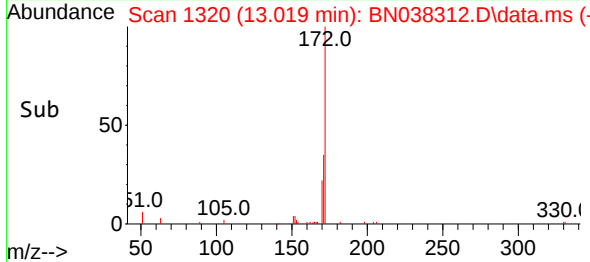
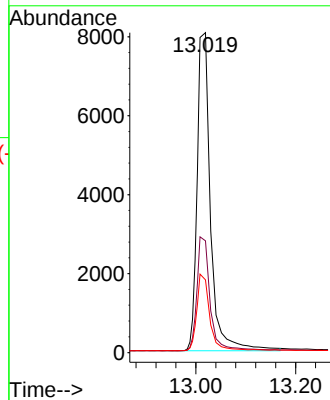
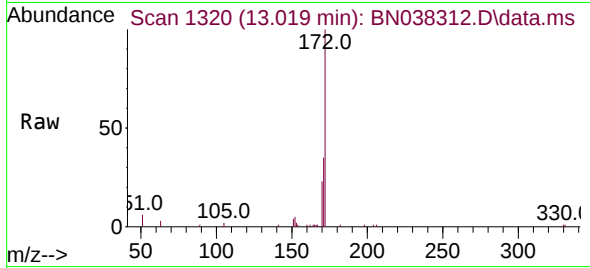




#15
2-Fluorobiphenyl
Concen: 0.376 ng
RT: 13.019 min Scan# 1319
Delta R.T. 0.011 min
Lab File: BN038312.D
Acq: 11 Dec 2025 11:49

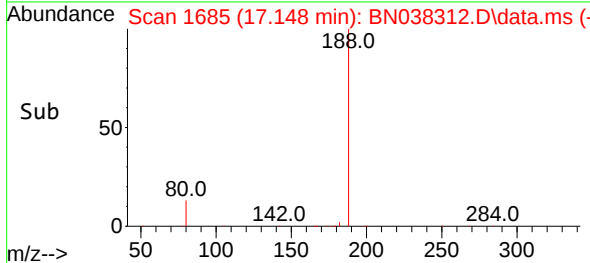
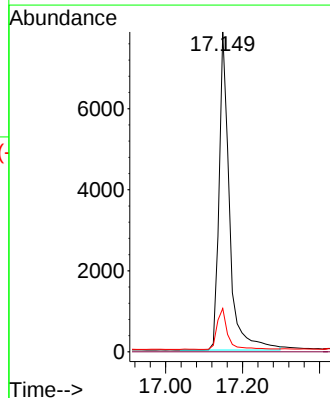
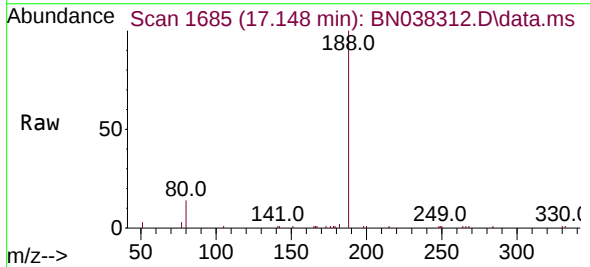
Instrument :
BNA_N
ClientSampleId :
PB170850BL

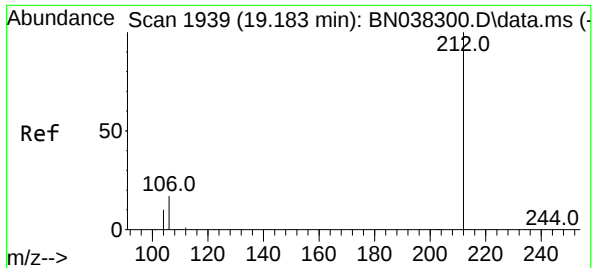
Tgt Ion:	172	Resp:	15599
Ion Ratio	Lower	Upper	
172	100		
171	34.9	28.6	42.8
170	22.7	19.3	28.9



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.148 min Scan# 1685
Delta R.T. 0.000 min
Lab File: BN038312.D
Acq: 11 Dec 2025 11:49

Tgt Ion:	188	Resp:	14660
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	13.6	7.4	11.0

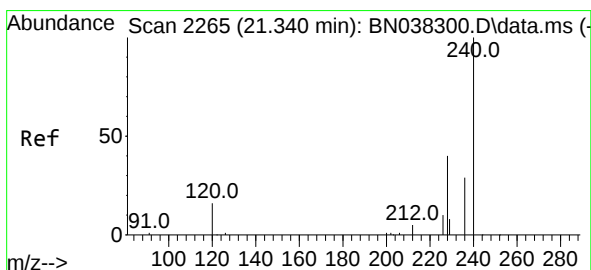
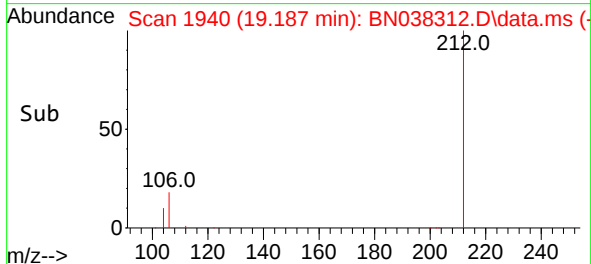
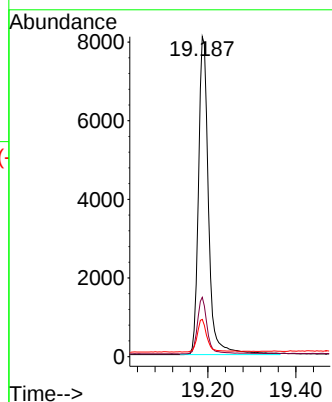
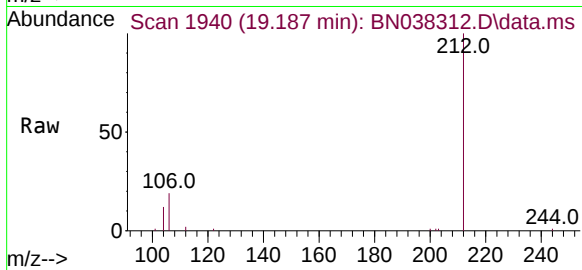




#27
Fluoranthene-d10
Concen: 0.354 ng
RT: 19.187 min Scan# 1939
Delta R.T. 0.000 min
Lab File: BN038312.D
Acq: 11 Dec 2025 11:49

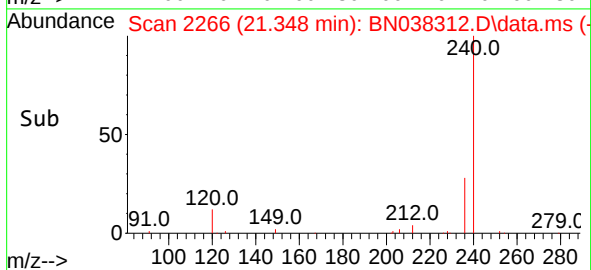
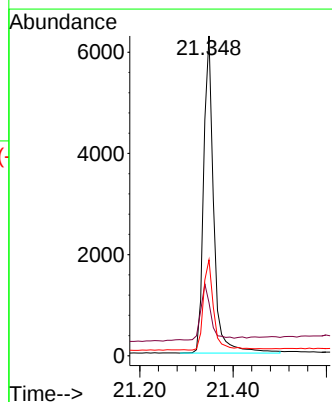
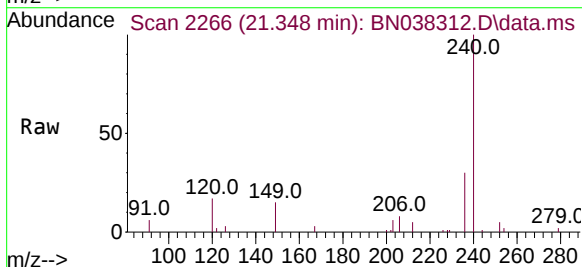
Instrument :
BNA_N
ClientSampleId :
PB170850BL

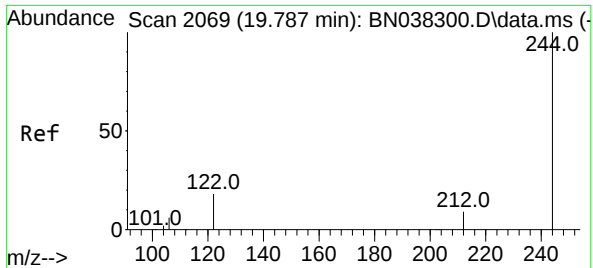
Tgt Ion	Ratio	Lower	Upper
212	100		
106	17.2	13.7	20.5
104	9.8	7.8	11.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.348 min Scan# 2266
Delta R.T. 0.009 min
Lab File: BN038312.D
Acq: 11 Dec 2025 11:49

Tgt Ion	Ratio	Lower	Upper
240	100		
120	16.6	15.4	23.2
236	30.0	23.9	35.9

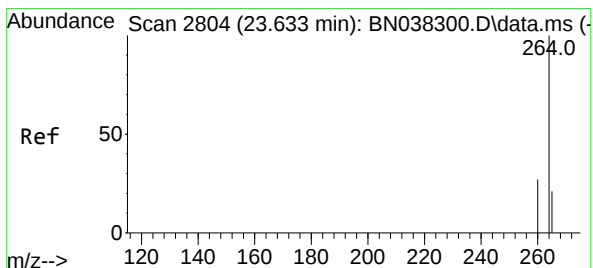
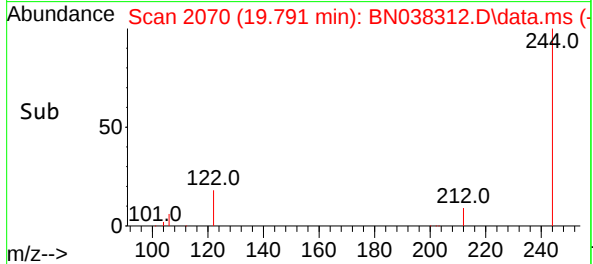
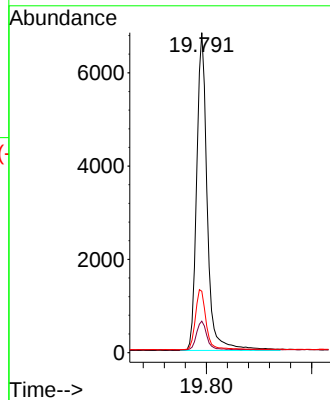
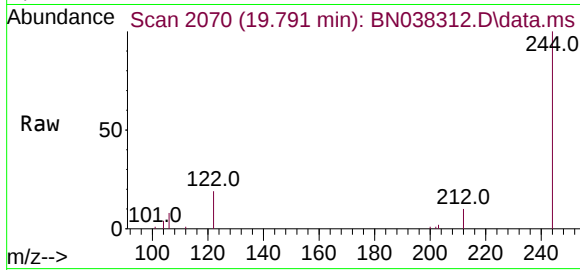




#31
Terphenyl-d14
Concen: 0.453 ng
RT: 19.791 min Scan# 2069
Delta R.T. 0.000 min
Lab File: BN038312.D
Acq: 11 Dec 2025 11:49

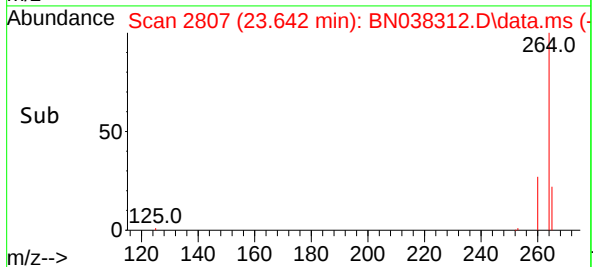
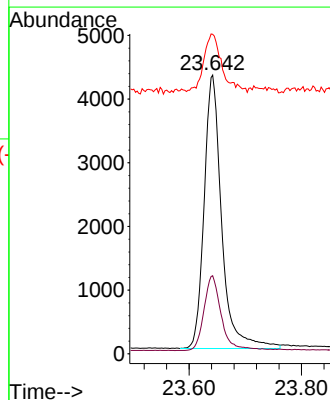
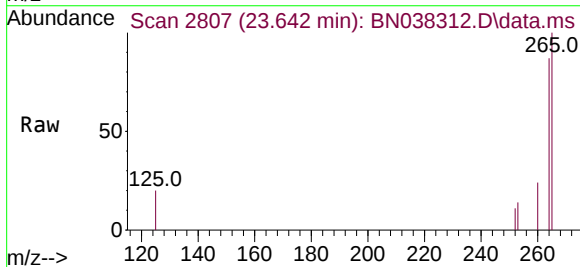
Instrument :
BNA_N
ClientSampleId :
PB170850BL

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.8	7.9	11.9
122	19.2	15.0	22.6



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.642 min Scan# 2807
Delta R.T. 0.009 min
Lab File: BN038312.D
Acq: 11 Dec 2025 11:49

Tgt Ion	Ratio	Lower	Upper
264	100		
260	28.0	22.2	33.2
265	114.6	80.2	120.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121125\
 Data File : BN038327.D
 Acq On : 11 Dec 2025 20:52
 Operator : RC/JU
 Sample : PB170850BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

PB170850BS

Manual Integrations**APPROVED**

Reviewed By :Rahul Chavli 12/12/2025

Supervised By :Jagrut Upadhyay 12/12/2025

Quant Time: Dec 12 00:11:20 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	6134	0.400	ng	0.00
7) Naphthalene-d8	10.520	136	16248	0.400	ng	#-0.01
13) Acenaphthene-d10	14.388	164	7966	0.400	ng	-0.01
19) Phenanthrene-d10	17.149	188	13383	0.400	ng	0.00
29) Chrysene-d12	21.340	240	8501	0.400	ng	0.00
35) Perylene-d12	23.636	264	8673	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.298	112	5824	0.381	ng	0.00
5) Phenol-d6	6.887	99	6623	0.365	ng	0.00
8) Nitrobenzene-d5	8.875	82	5441	0.397	ng	0.00
11) 2-Methylnaphthalene-d10	12.126	152	8818m	0.385	ng	0.00
14) 2,4,6-Tribromophenol	15.895	330	1039	0.294	ng	0.00
15) 2-Fluorobiphenyl	13.008	172	15324	0.399	ng	0.00
27) Fluoranthene-d10	19.187	212	11096	0.335	ng	0.00
31) Terphenyl-d14	19.787	244	8478	0.447	ng	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.196	88	2141	0.304	ng	# 51
3) n-Nitrosodimethylamine	3.507	42	2899	0.329	ng	# 93
6) bis(2-Chloroethyl)ether	7.147	93	6069	0.342	ng	99
9) Naphthalene	10.573	128	16393	0.341	ng	99
10) Hexachlorobutadiene	10.872	225	2856	0.335	ng	# 100
12) 2-Methylnaphthalene	12.197	142	9615	0.315	ng	100
16) Acenaphthylene	14.110	152	14728	0.377	ng	99
17) Acenaphthene	14.452	154	8945	0.328	ng	98
18) Fluorene	15.446	166	11710	0.334	ng	98
20) 4,6-Dinitro-2-methylph...	15.535	198	148	0.067	ng	# 1
21) 4-Bromophenyl-phenylether	16.342	248	3314	0.334	ng	99
22) Hexachlorobenzene	16.453	284	4092	0.343	ng	99
23) Atrazine	16.615	200	2251	0.332	ng	98
25) Phenanthrene	17.186	178	16441	0.353	ng	99
26) Anthracene	17.285	178	14080	0.351	ng	99
28) Fluoranthene	19.215	202	15743	0.318	ng	100
30) Pyrene	19.578	202	16009	0.383	ng	100
32) Benzo(a)anthracene	21.331	228	11570	0.352	ng	97
33) Chrysene	21.375	228	12660	0.350	ng	99
34) Bis(2-ethylhexyl)phtha...	21.268	149	6131	0.340	ng	100
36) Indeno(1,2,3-cd)pyrene	25.963	276	17487	0.380	ng	100
37) Benzo(b)fluoranthene	22.940	252	12646	0.317	ng	93
38) Benzo(k)fluoranthene	22.990	252	12767	0.321	ng	# 93
39) Benzo(a)pyrene	23.531	252	11625	0.357	ng	96
40) Dibenzo(a,h)anthracene	25.978	278	13434	0.379	ng	96
41) Benzo(g,h,i)perylene	26.671	276	15211	0.384	ng	99

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

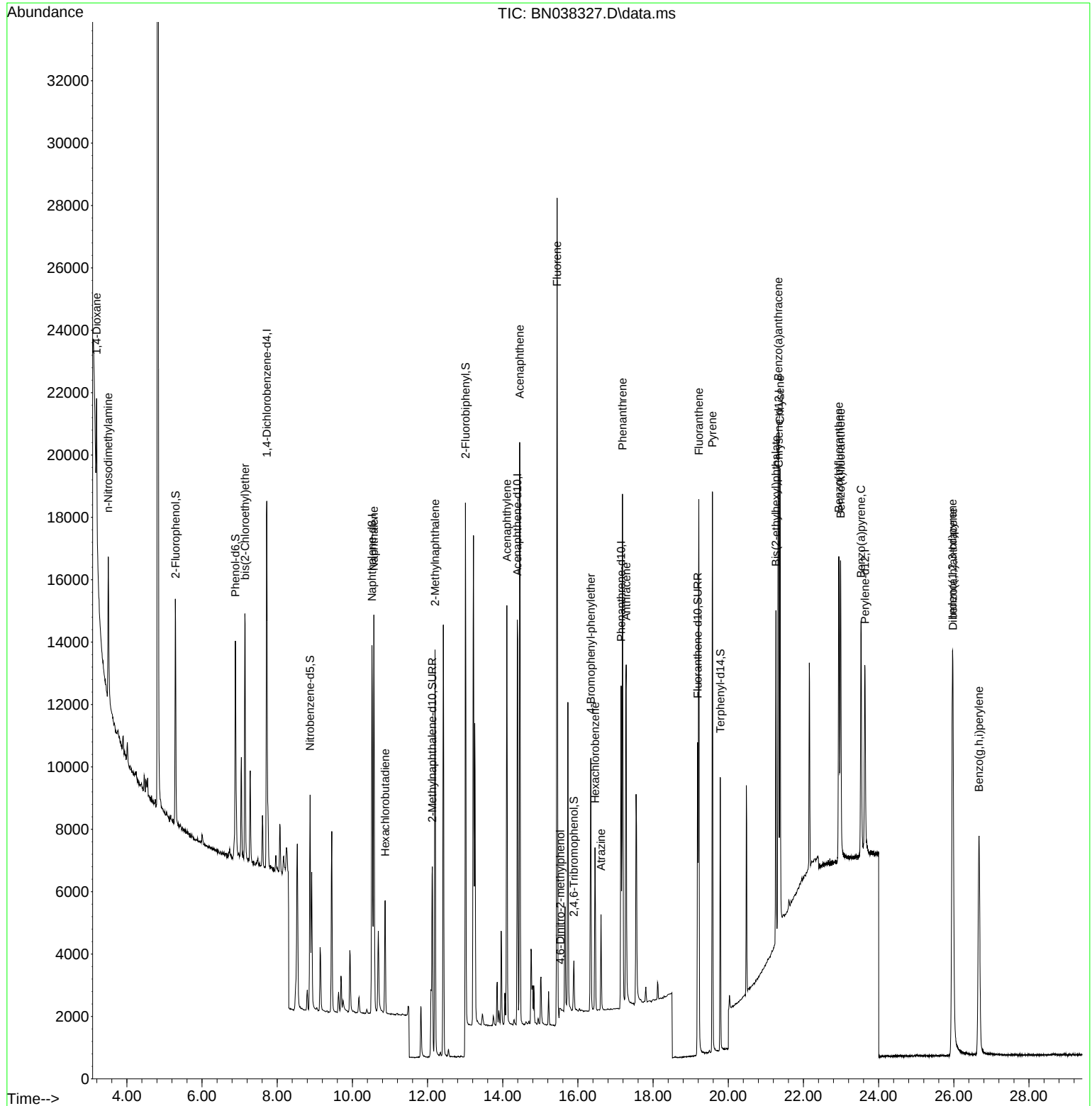
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Acq On    : 11 Dec 2025   20:52  
Operator  : RC/JU  
Sample    : PB170850BS  
Misc      :  
ALS Vial  : 18      Sample Multiplier: 1
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Instrument :
BNA_N
ClientSampleId :
PB170850BS

Manual Integrations

Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

Quant Time: Dec 12 00:11:20 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



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121125\
 Data File : BN038335.D
 Acq On : 12 Dec 2025 03:01
 Operator : RC/JU
 Sample : Q3788-02MS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 OWBR-05-135-120525MS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 12/12/2025
 Supervised By :Jagrut Upadhyay 12/12/2025

Quant Time: Dec 12 04:17:55 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	5363	0.400	ng	0.00
7) Naphthalene-d8	10.520	136	14242	0.400	ng	#-0.01
13) Acenaphthene-d10	14.388	164	7200	0.400	ng	-0.01
19) Phenanthrene-d10	17.149	188	12520	0.400	ng	0.00
29) Chrysene-d12	21.340	240	10004	0.400	ng	0.00
35) Perylene-d12	23.630	264	10310	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.290	112	1827	0.137	ng	0.00
5) Phenol-d6	6.887	99	1365	0.086	ng	0.00
8) Nitrobenzene-d5	8.875	82	3902	0.325	ng	0.00
11) 2-Methylnaphthalene-d10	12.126	152	5755m	0.286	ng	0.00
14) 2,4,6-Tribromophenol	15.895	330	1075	0.337	ng	0.00
15) 2-Fluorobiphenyl	13.008	172	10973	0.316	ng	0.00
27) Fluoranthene-d10	19.183	212	11511	0.372	ng	0.00
31) Terphenyl-d14	19.787	244	8998	0.403	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.189	88	185065	30.095	ng	99
3) n-Nitrosodimethylamine	3.507	42	1296	0.168	ng	# 93
6) bis(2-Chloroethyl)ether	7.139	93	4819	0.310	ng	99
9) Naphthalene	10.573	128	12510	0.297	ng	99
10) Hexachlorobutadiene	10.872	225	1674	0.224	ng	# 99
12) 2-Methylnaphthalene	12.197	142	7272	0.272	ng	99
16) Acenaphthylene	14.110	152	11857	0.335	ng	99
17) Acenaphthene	14.452	154	7266	0.295	ng	98
18) Fluorene	15.446	166	10092	0.318	ng	100
20) 4,6-Dinitro-2-methylph...	15.523	198	249	0.121	ng	# 1
21) 4-Bromophenyl-phenylether	16.342	248	3023	0.325	ng	99
22) Hexachlorobenzene	16.453	284	3353	0.300	ng	100
23) Atrazine	16.615	200	2415	0.381	ng	98
24) Pentachlorophenol	16.801	266	952	0.218	ng	97
25) Phenanthrene	17.186	178	15088	0.346	ng	99
26) Anthracene	17.273	178	13455	0.358	ng	99
28) Fluoranthene	19.215	202	16027	0.346	ng	98
30) Pyrene	19.578	202	16438	0.334	ng	100
32) Benzo(a)anthracene	21.322	228	14202	0.367	ng	100
33) Chrysene	21.375	228	15360	0.361	ng	99
34) Bis(2-ethylhexyl)phtha...	21.268	149	8030	0.379	ng	100
36) Indeno(1,2,3-cd)pyrene	25.955	276	19101	0.349	ng	99
37) Benzo(b)fluoranthene	22.937	252	15794	0.334	ng	96
38) Benzo(k)fluoranthene	22.984	252	16324	0.346	ng	97
39) Benzo(a)pyrene	23.528	252	14075	0.363	ng	97
40) Dibenzo(a,h)anthracene	25.975	278	15029	0.356	ng	98
41) Benzo(g,h,i)perylene	26.665	276	16492	0.350	ng	99

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

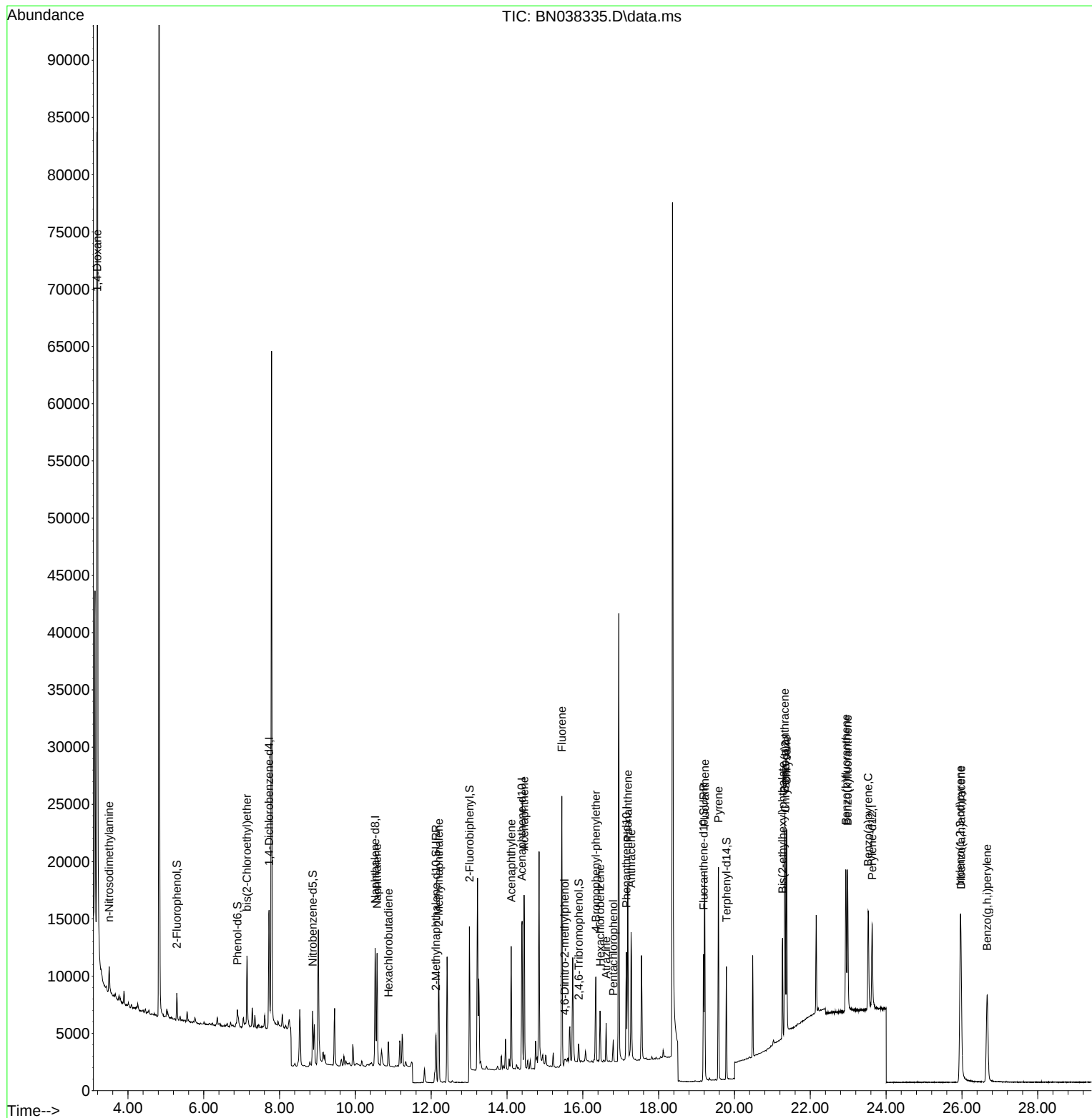
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Acq On : 12 Dec 2025 03:01
Operator : RC/JU
Sample : Q3788-02MS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
OWBR-05-135-120525MS

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

Quant Time: Dec 12 04:17:55 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



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 Data File : BN038336.D
 Acq On : 12 Dec 2025 03:37
 Operator : RC/JU
 Sample : Q3788-03MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 OWBR-05-135-120525MSD

Quant Time: Dec 12 04:18:19 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 10 13:56:50 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 12/12/2025
 Supervised By :Jagrut Upadhyay 12/12/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	5563	0.400	ng	0.00
7) Naphthalene-d8	10.519	136	14775	0.400	ng	#-0.01
13) Acenaphthene-d10	14.387	164	7579	0.400	ng	-0.01
19) Phenanthrene-d10	17.148	188	13283	0.400	ng	0.00
29) Chrysene-d12	21.339	240	10457	0.400	ng	0.00
35) Perylene-d12	23.630	264	10825	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.290	112	1745	0.126	ng	0.00
5) Phenol-d6	6.886	99	1266	0.077	ng	0.00
8) Nitrobenzene-d5	8.875	82	3819	0.306	ng	0.00
11) 2-Methylnaphthalene-d10	12.126	152	5405m	0.259	ng	0.00
14) 2,4,6-Tribromophenol	15.895	330	1063	0.316	ng	0.00
15) 2-Fluorobiphenyl	13.008	172	11217	0.307	ng	0.00
27) Fluoranthene-d10	19.183	212	11358	0.346	ng	0.00
31) Terphenyl-d14	19.787	244	8928	0.383	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.189	88	180404	28.283	ng	99
3) n-Nitrosodimethylamine	3.506	42	1371	0.171	ng	# 85
6) bis(2-Chloroethyl)ether	7.139	93	4673	0.290	ng	100
9) Naphthalene	10.573	128	12265	0.281	ng	99
10) Hexachlorobutadiene	10.872	225	1640	0.211	ng	# 100
12) 2-Methylnaphthalene	12.197	142	7060	0.255	ng	99
16) Acenaphthylene	14.109	152	11781	0.317	ng	99
17) Acenaphthene	14.452	154	7145	0.276	ng	97
18) Fluorene	15.446	166	9986	0.299	ng	98
20) 4,6-Dinitro-2-methylph...	15.522	198	288	0.132	ng	# 1
21) 4-Bromophenyl-phenylether	16.342	248	3033	0.308	ng	99
22) Hexachlorobenzene	16.453	284	3347	0.283	ng	99
23) Atrazine	16.615	200	2379	0.354	ng	98
24) Pentachlorophenol	16.801	266	1026	0.222	ng	100
25) Phenanthrene	17.186	178	14851	0.321	ng	99
26) Anthracene	17.273	178	13279	0.333	ng	100
28) Fluoranthene	19.215	202	15808	0.322	ng	98
30) Pyrene	19.578	202	16321	0.317	ng	99
32) Benzo(a)anthracene	21.322	228	13927	0.345	ng	99
33) Chrysene	21.375	228	14906	0.335	ng	99
34) Bis(2-ethylhexyl)phtha...	21.268	149	7739	0.349	ng	99
36) Indeno(1,2,3-cd)pyrene	25.955	276	18655	0.325	ng	99
37) Benzo(b)fluoranthene	22.937	252	15326	0.308	ng	97
38) Benzo(k)fluoranthene	22.984	252	16149	0.326	ng	97
39) Benzo(a)pyrene	23.528	252	13609	0.334	ng	98
40) Dibenzo(a,h)anthracene	25.972	278	14664	0.331	ng	98
41) Benzo(g,h,i)perylene	26.665	276	16053	0.324	ng	100

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

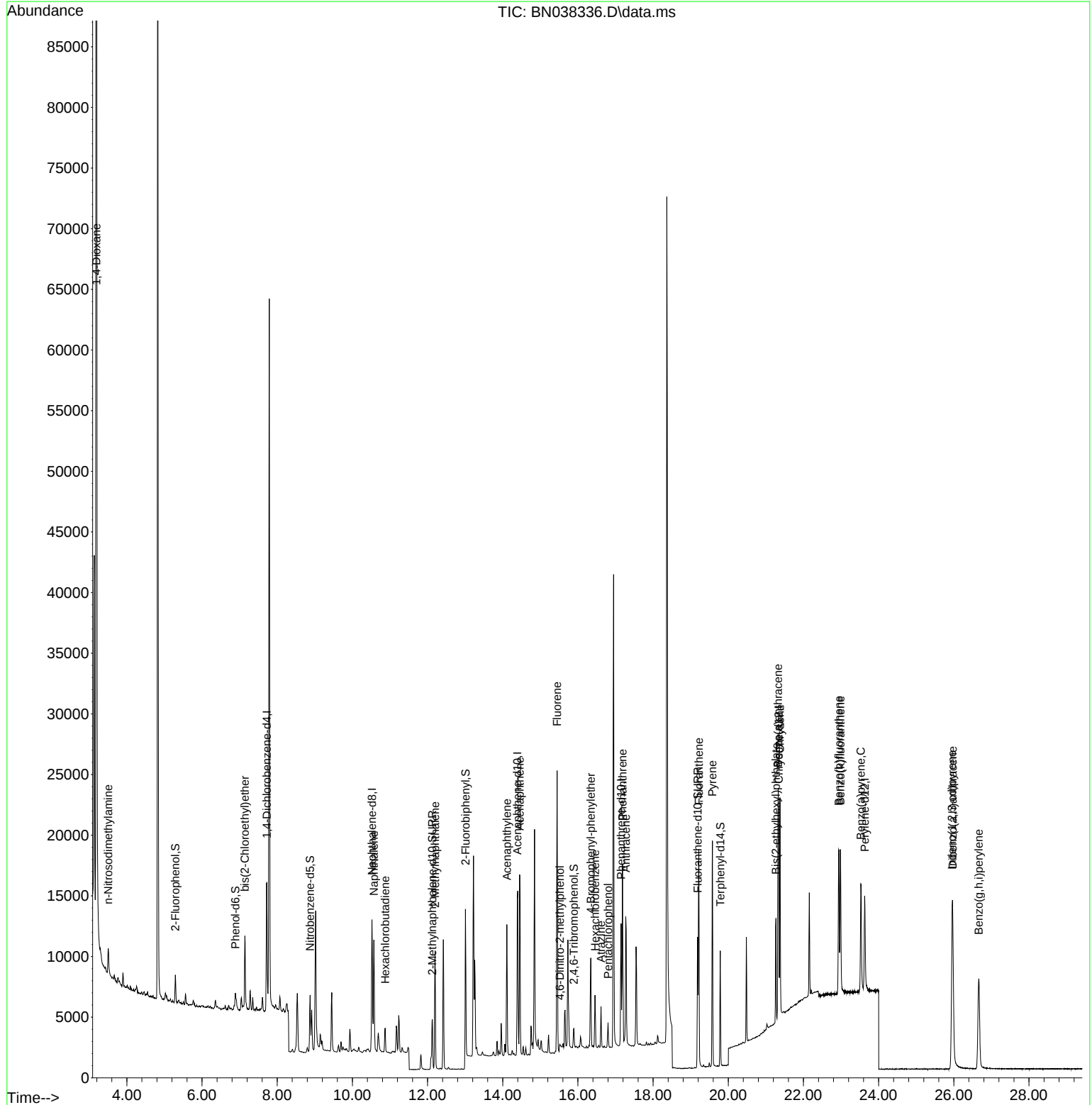
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Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121125\  
Data File : BN038336.D  
Acq On    : 12 Dec 2025   03:37  
Operator  : RC/JU  
Sample    : Q3788-03MSD  
Misc      :  
ALS Vial  : 26      Sample Multiplier: 1
```

Instrument :
BNA_N
ClientSampleId :
OWBR-05-135-120525MSD

Manual Integrations

Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

Quant Time: Dec 12 04:18:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Qlast Update : Wed Dec 10 13:56:50 2025
Response via : Initial Calibration





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

Manual Integration Report

Sequence:	BN121025	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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Manual Integration Report

Sequence:

BN121125

Instrument

BNA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB170850BS	BN038327.D	2-Methylnaphthalene-d1 0	rahul	12/12/2025 10:27:16 AM	Jagrut	12/12/2025 2:27:05 PM	Peak Integrated by Software
Q3788-02MS	BN038335.D	2-Methylnaphthalene-d1 0	rahul	12/12/2025 10:27:20 AM	Jagrut	12/12/2025 2:27:07 PM	Peak Integrated by Software
Q3788-03MSD	BN038336.D	2-Methylnaphthalene-d1 0	rahul	12/12/2025 10:27:24 AM	Jagrut	12/12/2025 2:27:09 PM	Peak Integrated by Software



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

Manual Integration Report

Sequence:	BN121225	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 # 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 # BN121225

Review By	rahul	Review On	12/12/2025 3:41:10 PM
Supervise By	Jagrut	Supervise On	12/15/2025 2:17:39 PM
SubDirectory	BN121225	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	BN038342.D	12 Dec 2025 08:45	RC/JU	Ok
2	SSTDCCC0.4	BN038343.D	12 Dec 2025 09:24	RC/JU	Ok
3	PB170912BL	BN038344.D	12 Dec 2025 10:00	RC/JU	Ok
4	Q3788-01DL	BN038345.D	12 Dec 2025 10:36	RC/JU	Ok
5	Q3813-01	BN038346.D	12 Dec 2025 11:12	RC/JU	Ok
6	Q3813-03	BN038347.D	12 Dec 2025 11:49	RC/JU	Ok
7	Q3828-01	BN038348.D	12 Dec 2025 12:25	RC/JU	Ok
8	Q3828-03	BN038349.D	12 Dec 2025 13:01	RC/JU	Ok,M
9	Q3828-05	BN038350.D	12 Dec 2025 13:38	RC/JU	Dilution
10	Q3828-06	BN038351.D	12 Dec 2025 14:14	RC/JU	Ok
11	Q3828-08	BN038352.D	12 Dec 2025 15:26	RC/JU	Ok
12	Q3835-01	BN038353.D	12 Dec 2025 16:02	RC/JU	Ok
13	Q3835-02	BN038354.D	12 Dec 2025 16:38	RC/JU	Ok
14	Q3835-04	BN038355.D	12 Dec 2025 17:14	RC/JU	Dilution
15	Q3835-05	BN038356.D	12 Dec 2025 17:50	RC/JU	Ok
16	PB170912BS	BN038357.D	12 Dec 2025 18:27	RC/JU	Ok,M
17	PB170912BSD	BN038358.D	12 Dec 2025 19:03	RC/JU	Ok,M
18	SSTDCCC0.4	BN038359.D	12 Dec 2025 20:16	RC/JU	Ok
19	DFTPP	BN038360.D	12 Dec 2025 21:31	RC/JU	Ok
20	SSTDCCC0.4	BN038361.D	12 Dec 2025 22:10	RC/JU	Ok
21	PB170917BL	BN038362.D	12 Dec 2025 22:47	RC/JU	ReRun

Instrument ID: **BNA_N**

Daily Analysis Runlog For Sequence/QC Batch ID # BN121225

Review By	rahul	Review On	12/12/2025 3:41:10 PM
Supervise By	Jagrut	Supervise On	12/15/2025 2:17:39 PM
SubDirectory	BN121225	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	Q3839-01	BN038363.D	12 Dec 2025 23:24	RC/JU	ReRun
23	Q3839-02	BN038364.D	13 Dec 2025 00:00	RC/JU	ReRun
24	Q3839-03MS	BN038365.D	13 Dec 2025 00:37	RC/JU	ReRun
25	Q3839-04MSD	BN038366.D	13 Dec 2025 01:13	RC/JU	ReRun
26	Q3839-05	BN038367.D	13 Dec 2025 01:50	RC/JU	ReRun
27	Q3839-06	BN038368.D	13 Dec 2025 02:27	RC/JU	ReRun
28	Q3839-07	BN038369.D	13 Dec 2025 03:03	RC/JU	ReRun
29	Q3839-08	BN038370.D	13 Dec 2025 03:40	RC/JU	ReRun
30	Q3839-11	BN038371.D	13 Dec 2025 04:16	RC/JU	ReRun
31	Q3839-12	BN038372.D	13 Dec 2025 04:53	RC/JU	ReRun
32	Q3839-13	BN038373.D	13 Dec 2025 05:29	RC/JU	ReRun
33	Q3839-14	BN038374.D	13 Dec 2025 06:06	RC/JU	ReRun
34	Q3839-15	BN038375.D	13 Dec 2025 06:42	RC/JU	ReRun
35	Q3839-16	BN038376.D	13 Dec 2025 07:18	RC/JU	ReRun
36	PB170917BS	BN038377.D	13 Dec 2025 07:55	RC/JU	Ok,M
37	SSTDCCC0.4	BN038378.D	13 Dec 2025 09:08	RC/JU	Ok
38	DFTPP	BN038379.D	13 Dec 2025 10:24	RC/JU	Ok
39	SSTDCCC0.4	BN038380.D	13 Dec 2025 11:03	RC/JU	Ok
40	PB170919BL	BN038381.D	13 Dec 2025 11:39	RC/JU	Not Ok
41	Q3828-05DL	BN038382.D	13 Dec 2025 12:16	RC/JU	Ok
42	Q3839-17	BN038383.D	13 Dec 2025 12:52	RC/JU	Ok
43	Q3839-18	BN038384.D	13 Dec 2025 13:28	RC/JU	Not Ok
44	Q3839-19MS	BN038385.D	13 Dec 2025 14:04	RC/JU	Not Ok

Instrument ID: **BNA_N**

Daily Analysis Runlog For Sequence/QC Batch ID # BN121225

Review By	rahul	Review On	12/12/2025 3:41:10 PM
Supervise By	Jagrut	Supervise On	12/15/2025 2:17:39 PM
SubDirectory	BN121225	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			

45	Q3839-19MSD	BN038386.D	13 Dec 2025 14:40	RC/JU	Not Ok
46	Q3839-09	BN038387.D	13 Dec 2025 15:16	RC/JU	Ok,M
47	Q3839-10	BN038388.D	13 Dec 2025 15:52	RC/JU	Dilution
48	Q3839-21	BN038389.D	13 Dec 2025 16:28	RC/JU	Not Ok
49	Q3839-22	BN038390.D	13 Dec 2025 17:04	RC/JU	Not Ok
50	Q3839-23	BN038391.D	13 Dec 2025 17:41	RC/JU	Not Ok
51	Q3839-24	BN038392.D	13 Dec 2025 18:17	RC/JU	Not Ok
52	Q3839-25	BN038393.D	13 Dec 2025 18:54	RC/JU	Not Ok
53	Q3839-26	BN038394.D	13 Dec 2025 19:30	RC/JU	Not Ok
54	PB170919BS	BN038395.D	13 Dec 2025 20:06	RC/JU	Not Ok
55	SSTDCCC0.4	BN038396.D	13 Dec 2025 21:18	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	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

Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QC Batch ID # BN121225

Review By	rahul	Review On	12/12/2025 3:41:10 PM
Supervise By	Jagrut	Supervise On	12/15/2025 2:17:39 PM
SubDirectory	BN121225	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	BN038342.D	12 Dec 2025 08:45		RC/JU	Ok
2	SSTDCCC0.4	SSTDCCC0.4	BN038343.D	12 Dec 2025 09:24	Compound #20, 24 fail low.	RC/JU	Ok
3	PB170912BL	PB170912BL	BN038344.D	12 Dec 2025 10:00		RC/JU	Ok
4	Q3788-01DL	OWBR-05-135-120525	BN038345.D	12 Dec 2025 10:36		RC/JU	Ok
5	Q3813-01	BR-04DR-451-120825	BN038346.D	12 Dec 2025 11:12		RC/JU	Ok
6	Q3813-03	EB01-120825	BN038347.D	12 Dec 2025 11:49		RC/JU	Ok
7	Q3828-01	BR-02-133-120925	BN038348.D	12 Dec 2025 12:25		RC/JU	Ok
8	Q3828-03	OWBR-06-219-120925	BN038349.D	12 Dec 2025 13:01		RC/JU	Ok,M
9	Q3828-05	RMW-03B-90-120925	BN038350.D	12 Dec 2025 13:38	Need 5X Dilution	RC/JU	Dilution
10	Q3828-06	OWBR-03-138-120925	BN038351.D	12 Dec 2025 14:14		RC/JU	Ok
11	Q3828-08	FB01-120925	BN038352.D	12 Dec 2025 15:26		RC/JU	Ok
12	Q3835-01	MW-11A-13.5-121025	BN038353.D	12 Dec 2025 16:02		RC/JU	Ok
13	Q3835-02	OWBR-01-170-121025	BN038354.D	12 Dec 2025 16:38		RC/JU	Ok
14	Q3835-04	MW-118-37.5-121025	BN038355.D	12 Dec 2025 17:14	Need 20X Dilution	RC/JU	Dilution
15	Q3835-05	MW-01-7-121025	BN038356.D	12 Dec 2025 17:50		RC/JU	Ok
16	PB170912BS	PB170912BS	BN038357.D	12 Dec 2025 18:27		RC/JU	Ok,M
17	PB170912BSD	PB170912BSD	BN038358.D	12 Dec 2025 19:03		RC/JU	Ok,M
18	SSTDCCC0.4	SSTDCCC0.4EC	BN038359.D	12 Dec 2025 20:16	Compound #20 fail low.	RC/JU	Ok

Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QC Batch ID # BN121225

Review By	rahul	Review On	12/12/2025 3:41:10 PM
Supervise By	Jagrut	Supervise On	12/15/2025 2:17:39 PM
SubDirectory	BN121225	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	DFTPP	DFTPP	BN038360.D	12 Dec 2025 21:31		RC/JU	Ok
20	SSTDCCC0.4	SSTDCCC0.4	BN038361.D	12 Dec 2025 22:10	Compound #20, 24 fail low.	RC/JU	Ok
21	PB170917BL	PB170917BL	BN038362.D	12 Dec 2025 22:47	CCC fail low for compound #24.	RC/JU	ReRun
22	Q3839-01	C0AM5	BN038363.D	12 Dec 2025 23:24	CCC fail low for compound #24.	RC/JU	ReRun
23	Q3839-02	C0AM6	BN038364.D	13 Dec 2025 00:00	CCC fail low for compound #24.	RC/JU	ReRun
24	Q3839-03MS	C0AM6MS	BN038365.D	13 Dec 2025 00:37	CCC fail low for compound #24.	RC/JU	ReRun
25	Q3839-04MSD	C0AM6MSD	BN038366.D	13 Dec 2025 01:13	CCC fail low for compound #24.	RC/JU	ReRun
26	Q3839-05	C0AN1	BN038367.D	13 Dec 2025 01:50	CCC fail low for compound #24.	RC/JU	ReRun
27	Q3839-06	C0AN2	BN038368.D	13 Dec 2025 02:27	CCC fail low for compound #24.	RC/JU	ReRun
28	Q3839-07	C0AN3	BN038369.D	13 Dec 2025 03:03	CCC fail low for compound #24.	RC/JU	ReRun
29	Q3839-08	C0AN4	BN038370.D	13 Dec 2025 03:40	CCC fail low for compound #24.	RC/JU	ReRun
30	Q3839-11	C0AN7	BN038371.D	13 Dec 2025 04:16	CCC fail low for compound #24.	RC/JU	ReRun
31	Q3839-12	C0AS1	BN038372.D	13 Dec 2025 04:53	CCC fail low for compound #24.	RC/JU	ReRun
32	Q3839-13	C0AS2	BN038373.D	13 Dec 2025 05:29	CCC fail low for compound #24.	RC/JU	ReRun
33	Q3839-14	C0AS3	BN038374.D	13 Dec 2025 06:06	CCC fail low for compound #24.	RC/JU	ReRun
34	Q3839-15	C0AS4	BN038375.D	13 Dec 2025 06:42	CCC fail low for compound #24.	RC/JU	ReRun
35	Q3839-16	C0B02	BN038376.D	13 Dec 2025 07:18	CCC fail low for compound #24.	RC/JU	ReRun
36	PB170917BS	PB170917BS	BN038377.D	13 Dec 2025 07:55		RC/JU	Ok,M
37	SSTDCCC0.4	SSTDCCC0.4EC	BN038378.D	13 Dec 2025 09:08		RC/JU	Ok

Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QC Batch ID # BN121225

Review By	rahul	Review On	12/12/2025 3:41:10 PM
Supervise By	Jagrut	Supervise On	12/15/2025 2:17:39 PM
SubDirectory	BN121225	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			

38	DFTPP	DFTPP	BN038379.D	13 Dec 2025 10:24		RC/JU	Ok
39	SSTDCCC0.4	SSTDCCC0.4	BN038380.D	13 Dec 2025 11:03	Compound #20 fail low.	RC/JU	Ok
40	PB170919BL	PB170919BL	BN038381.D	13 Dec 2025 11:39	Wrong Sample (Total Scan sample)	RC/JU	Not Ok
41	Q3828-05DL	RMW-03B-90-120925D	BN038382.D	13 Dec 2025 12:16		RC/JU	Ok
42	Q3839-17	C0B11	BN038383.D	13 Dec 2025 12:52		RC/JU	Ok
43	Q3839-18	C0AM7	BN038384.D	13 Dec 2025 13:28	Wrong Sample (Total Scan sample)	RC/JU	Not Ok
44	Q3839-19MS	C0AM7MS	BN038385.D	13 Dec 2025 14:04	Wrong Sample (Total Scan sample)	RC/JU	Not Ok
45	Q3839-19MSD	C0AM7MSD	BN038386.D	13 Dec 2025 14:40	Wrong Sample (Total Scan sample)	RC/JU	Not Ok
46	Q3839-09	C0AN5	BN038387.D	13 Dec 2025 15:16		RC/JU	Ok,M
47	Q3839-10	C0AN6	BN038388.D	13 Dec 2025 15:52	Need 5X.	RC/JU	Dilution
48	Q3839-21	C0B09	BN038389.D	13 Dec 2025 16:28	Wrong Sample (Total Scan sample)	RC/JU	Not Ok
49	Q3839-22	C0AT4	BN038390.D	13 Dec 2025 17:04	Wrong Sample (Total Scan sample)	RC/JU	Not Ok
50	Q3839-23	C0AT5	BN038391.D	13 Dec 2025 17:41	Wrong Sample (Total Scan sample)	RC/JU	Not Ok
51	Q3839-24	C0AT6	BN038392.D	13 Dec 2025 18:17	Wrong Sample (Total Scan sample)	RC/JU	Not Ok
52	Q3839-25	C0AT7	BN038393.D	13 Dec 2025 18:54	Wrong Sample (Total Scan sample)	RC/JU	Not Ok
53	Q3839-26	C0AT8	BN038394.D	13 Dec 2025 19:30	Wrong Sample (Total Scan sample)	RC/JU	Not Ok
54	PB170919BS	PB170919BS	BN038395.D	13 Dec 2025 20:06	Wrong Sample (Total Scan sample)	RC/JU	Not Ok

Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QC Batch ID # BN121225

Review By	rahul	Review On	12/12/2025 3:41:10 PM
Supervise By	Jagrut	Supervise On	12/15/2025 2:17:39 PM
SubDirectory	BN121225	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	

55	SSTDCCC0.4	SSTDCCC0.4EC	BN038396.D	13 Dec 2025 21:18		RC/JU	Ok
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M : Manual Integration

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SOP ID: M3510C,3580A-Extraction SVOC-21			
Clean Up SOP #: N/A		Extraction Start Date : 12/08/2025	
Matrix : Water		Extraction Start Time : 08:52	
Weigh By: N/A	Extraction By: RS	Extraction End Date : 12/09/2025	
Balance check: N/A	Filter By: RS	Extraction End Time : 10:25	
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 ☐ Continuous Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☐ Soxhlet

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	0.4 PPM	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	EP2665
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
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. Q3788 all samples added at 15:35 in PrepBatch.

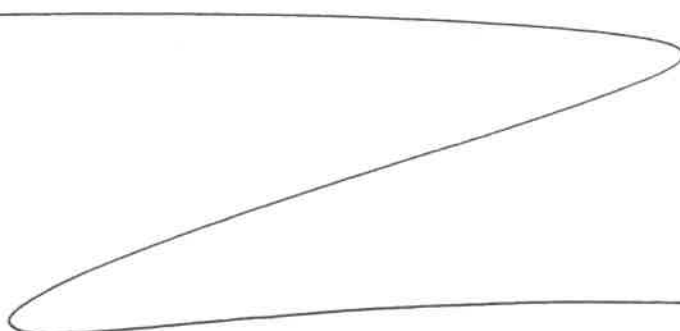
KD Bath ID: WATER BATH-1,2	Envap ID: NEVAP-02
KD Bath Temperature: 60 °C	Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
12/9/25	RS (Ext Lab)	Jy/svoc
10:30	Preparation Group	Analysis Group

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

Concentration Date: 12/09/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170850BL	SBLK850	SVOC-SIMGrou p1	1000	6	RUPESH	ritesh	1			SEP-1
PB170850BS	SLCS850	SVOC-SIMGrou p1	1000	6	RUPESH	ritesh	1			2
Q3787-01	MW-15B-42.5-120425	SVOC-SIMGrou p1	890	6	RUPESH	ritesh	1	D		3
Q3787-02	MW-15B-42.5-120425-MS	SVOC-SIMGrou p1	880	6	RUPESH	ritesh	1	D		4
Q3787-03	MW-15B-42.5-120425-MS D	SVOC-SIMGrou p1	900	6	RUPESH	ritesh	1	D		5
Q3787-07	OWBR-02-170-120425	SVOC-SIMGrou p1	910	6	RUPESH	ritesh	1	D		6
Q3787-09	OWBR-02-170-120425-F D	SVOC-SIMGrou p1	940	6	RUPESH	ritesh	1	D		7
Q3787-11	OW-03B-51.5-120425	SVOC-SIMGrou p1	950	6	RUPESH	ritesh	1	D		8
Q3787-13	OW-03B-51.5-120425-FD	SVOC-SIMGrou p1	1000	6	RUPESH	ritesh	1	D		9
Q3787-15	OW-08B-72.5-120425	SVOC-SIMGrou p1	980	6	RUPESH	ritesh	1	D		10
Q3787-17	OW-08B-72.5-120425-FD	SVOC-SIMGrou p1	990	6	RUPESH	ritesh	1	D		11
Q3787-19	OW-02B-21.2-120425	SVOC-SIMGrou p1	870	6	RUPESH	ritesh	1	D		12
Q3788-01	OWBR-05-135-120525	SVOC-SIMGrou p1	870	11	RUPESH	ritesh	1	D		13
Q3788-02	OWBR-05-135-120525-M S	SVOC-SIMGrou p1	970	11	RUPESH	ritesh	1	D		14
Q3788-03	OWBR-05-135-120525-M SD	SVOC-SIMGrou p1	1000	11	RUPESH	ritesh	1	D		15
Q3788-07	OW-01B-66.5-120525	SVOC-SIMGrou p1	920	6	RUPESH	ritesh	1	D		16
Q3788-09	TA-BR-05-465-120525	SVOC-SIMGrou p1	980	11	RUPESH	ritesh	1	D		17
Q3788-11	MW-16B-87.5-120525	SVOC-SIMGrou p1	960	11	RUPESH	ritesh	1	D		18



RJ
12/9

12/18/25
17:25

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3787 WorkList ID : 193513 Department : Extraction Date : 12-08-2025 08:46:47

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3787-01	MW-15B-42.5-120425	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	A11	12/04/2025	8270-Modified
Q3787-02	MW-15B-42.5-120425-MS	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	A11	12/04/2025	8270-Modified
Q3787-03	MW-15B-42.5-120425-MSD	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	A11	12/04/2025	8270-Modified
Q3787-07	OWBR-02-170-120425	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	A11	12/04/2025	8270-Modified
Q3787-09	OWBR-02-170-120425-FD	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	A11	12/04/2025	8270-Modified
Q3787-11	OW-03B-51.5-120425	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	A11	12/04/2025	8270-Modified
Q3787-13	OW-03B-51.5-120425-FD	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	A11	12/04/2025	8270-Modified
Q3787-15	OW-08B-72.5-120425	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	A11	12/04/2025	8270-Modified
Q3787-17	OW-08B-72.5-120425-FD	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	A11	12/04/2025	8270-Modified
Q3787-19	OW-02B-21.2-120425	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	A11	12/04/2025	8270-Modified

Date/Time 12/18/25 8:47
Raw Sample Received by: RS (Ext-946)
Raw Sample Relinquished by: [Signature]

Date/Time 12/18/25 9:30
Raw Sample Received by: [Signature]
Raw Sample Relinquished by: RS (Ext-946)

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1755061

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3788 WorkList ID : 193541 Department : Extraction Date : 12-08-2025 15:34:41

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3788-01	OWBR-05-135-120525	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	A11	12/05/2025	8270-Modified
Q3788-02	OWBR-05-135-120525-MS	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	A11	12/05/2025	8270-Modified
Q3788-03	OWBR-05-135-120525-MSD	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	A11	12/05/2025	8270-Modified
Q3788-07	OW-01B-66.5-120525	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	A11	12/05/2025	8270-Modified
Q3788-09	TA-BR-05-465-120525	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	A11	12/05/2025	8270-Modified
Q3788-11	MW-16B-87.5-120525	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	A11	12/05/2025	8270-Modified

Date/Time 12/8/25 15:35
Raw Sample Received by: AS (Ext-66)
Raw Sample Relinquished by: AS

Date/Time 12/8/25 16:00
Raw Sample Received by: AS
Raw Sample Relinquished by: AS (Ext-66)

- A
- B
- C
- D
- E
- F
- G
- H
- I
- J
- K

LAB CHRONICLE

OrderID:	Q3788	OrderDate:	12/5/2025 7:44:00 AM
Client:	JACOBS Engineering Group, Inc.	Project:	Former Schlumberger STC PTC Site D3868221
Contact:	John Ynfante	Location:	A11,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3788-01	OWBR-05-135-12052 5	Water			12/05/25			12/05/25
			SVOC-SIMGroup1	8270-Modified		12/08/25	12/12/25	
Q3788-01DL	OWBR-05-135-12052 SDL	Water			12/05/25			12/05/25
			SVOC-SIMGroup1	8270-Modified		12/08/25	12/12/25	
Q3788-07	OW-01B-66.5-120525	Water			12/05/25			12/05/25
			SVOC-SIMGroup1	8270-Modified		12/08/25	12/11/25	
Q3788-09	BR-05-465-120525	Water			12/05/25			12/05/25
			SVOC-SIMGroup1	8270-Modified		12/08/25	12/12/25	
Q3788-11	MW-16B-87.5-120525	Water			12/05/25			12/05/25
			SVOC-SIMGroup1	8270-Modified		12/08/25	12/11/25	