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

Hit Summary Sheet
SW-846

SDG No.: Q2646

Client: Environmental Restoration, LLC

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :	**FRAC TANK**							
Q2646-03	FRAC TANK	TCLP	3+4-Methylphenols	130.000		11	100	ug/L
			Total Svoc :	**130.00**				
			Total Concentration:	**130.00**				

SAMPLE DATA

Raw Data: **BF143211.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	07/22/25
Project:	North Arlington, NJ	Date Received:	07/22/25
Client Sample ID:	PB168926TB	SDG No.:	Q2646
Lab Sample ID:	PB168926TB	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143211.D	1	07/22/25 09:10	07/23/25 15:02	PB168954

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	12.8	U	12.8	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	5.30	U	5.30	50.0	ug/L
95-48-7	2-Methylphenol	11.2	U	11.2	50.0	ug/L
65794-96-9	3+4-Methylphenols	11.0	U	11.0	100	ug/L
67-72-1	Hexachloroethane	6.50	U	6.50	50.0	ug/L
98-95-3	Nitrobenzene	7.60	U	7.60	50.0	ug/L
87-68-3	Hexachlorobutadiene	5.40	U	5.40	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	5.10	U	5.10	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	6.20	U	6.20	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	12.2	U	12.2	50.0	ug/L
118-74-1	Hexachlorobenzene	5.20	U	5.20	50.0	ug/L
87-86-5	Pentachlorophenol	15.8	U	15.8	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	114		15 (23) - 110 (138)	76%	SPK: 150
13127-88-3	Phenol-d6	113		15 (10) - 110 (134)	75%	SPK: 150
4165-60-0	Nitrobenzene-d5	79.9		30 (67) - 130 (132)	80%	SPK: 100
321-60-8	2-Fluorobiphenyl	78.0		30 (52) - 130 (132)	78%	SPK: 100
118-79-6	2,4,6-Tribromophenol	119		15 (44) - 110 (137)	79%	SPK: 150
1718-51-0	Terphenyl-d14	72.7		30 (42) - 130 (152)	73%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	117000	6.963			
1146-65-2	Naphthalene-d8	445000	8.24			
15067-26-2	Acenaphthene-d10	231000	9.998			
1517-22-2	Phenanthrene-d10	395000	11.481			
1719-03-5	Chrysene-d12	269000	14.122			
1520-96-3	Perylene-d12	278000	15.627			

Raw Data: **BF143211.D**

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Report of Analysis

Client:	Environmental Restoration, LLC			Date Collected:	07/22/25
Project:	North Arlington, NJ			Date Received:	07/22/25
Client Sample ID:	PB168926TB			SDG No.:	Q2646
Lab Sample ID:	PB168926TB			Matrix:	TCLP
Analytical Method:	8270E			% Solid:	0
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	TCLP BNA
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143211.D	1	07/22/25 09:10	07/23/25 15:02	PB168954

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

Raw Data: **BF143198.D**

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	07/18/25
Project:	North Arlington, NJ	Date Received:	07/18/25
Client Sample ID:	FRAC TANK	SDG No.:	Q2646
Lab Sample ID:	Q2646-03	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143198.D	1	07/22/25 09:10	07/22/25 19:51	PB168954

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	12.8	U	12.8	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	5.30	U	5.30	50.0	ug/L
95-48-7	2-Methylphenol	11.2	U	11.2	50.0	ug/L
65794-96-9	3+4-Methylphenols	130		11.0	100	ug/L
67-72-1	Hexachloroethane	6.50	U	6.50	50.0	ug/L
98-95-3	Nitrobenzene	7.60	U	7.60	50.0	ug/L
87-68-3	Hexachlorobutadiene	5.40	U	5.40	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	5.10	U	5.10	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	6.20	U	6.20	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	12.2	U	12.2	50.0	ug/L
118-74-1	Hexachlorobenzene	5.20	U	5.20	50.0	ug/L
87-86-5	Pentachlorophenol	15.8	U	15.8	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	163		15 (23) - 110 (138)	109%	SPK: 150
13127-88-3	Phenol-d6	116		15 (10) - 110 (134)	78%	SPK: 150
4165-60-0	Nitrobenzene-d5	75.9		30 (67) - 130 (132)	76%	SPK: 100
321-60-8	2-Fluorobiphenyl	78.6		30 (52) - 130 (132)	79%	SPK: 100
118-79-6	2,4,6-Tribromophenol	121		15 (44) - 110 (137)	81%	SPK: 150
1718-51-0	Terphenyl-d14	51.9		30 (42) - 130 (152)	52%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	49100	6.987			
1146-65-2	Naphthalene-d8	346000	8.269			
15067-26-2	Acenaphthene-d10	154000	10.004			
1517-22-2	Phenanthrene-d10	264000	11.486			
1719-03-5	Chrysene-d12	258000	14.151			
1520-96-3	Perylene-d12	120000	15.645			

Raw Data: **BF143198.D**

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	07/18/25
Project:	North Arlington, NJ	Date Received:	07/18/25
Client Sample ID:	FRAC TANK	SDG No.:	Q2646
Lab Sample ID:	Q2646-03	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143198.D	1	07/22/25 09:10	07/22/25 19:51	PB168954

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

QC SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Surrogate Summary

SW-846

SDG No.: Q2646

Client: Environmental Restoration, LLC

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB168926TB	PB168926TB	2-Fluorophenol	150	114	76		15 (23)	110 (138)
		Phenol-d6	150	113	75		15 (10)	110 (134)
		Nitrobenzene-d5	100	79.9	80		30 (67)	130 (132)
		2-Fluorobiphenyl	100	78.0	78		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	119	79		15 (44)	110 (137)
		Terphenyl-d14	100	72.7	73		30 (42)	130 (152)
PB168954BL	PB168954BL	2-Fluorophenol	150	114	76		15 (23)	110 (138)
		Phenol-d6	150	116	77		15 (10)	110 (134)
		Nitrobenzene-d5	100	77.6	78		30 (67)	130 (132)
		2-Fluorobiphenyl	100	73.3	73		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	128	85		15 (44)	110 (137)
		Terphenyl-d14	100	77.4	77		30 (42)	130 (152)
PB168954BS	PB168954BS	2-Fluorophenol	150	114	76		15 (23)	110 (138)
		Phenol-d6	150	113	76		15 (10)	110 (134)
		Nitrobenzene-d5	100	82.0	82		30 (67)	130 (132)
		2-Fluorobiphenyl	100	76.1	76		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	126	84		15 (44)	110 (137)
		Terphenyl-d14	100	82.6	83		30 (42)	130 (152)
Q2646-03	FRAC TANK	2-Fluorophenol	150	163	109		15 (23)	110 (138)
		Phenol-d6	150	116	78		15 (10)	110 (134)
		Nitrobenzene-d5	100	75.9	76		30 (67)	130 (132)
		2-Fluorobiphenyl	100	78.6	79		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	121	81		15 (44)	110 (137)
		Terphenyl-d14	100	51.9	52		30 (42)	130 (152)
Q2646-03MS	FRAC TANKMS	2-Fluorophenol	150	81.8	55		15 (23)	110 (138)
		Phenol-d6	150	64.3	43		15 (10)	110 (134)
		Nitrobenzene-d5	100	68.3	68		30 (67)	130 (132)
		2-Fluorobiphenyl	100	73.4	73		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	99.1	66		15 (44)	110 (137)
		Terphenyl-d14	100	46.8	47		30 (42)	130 (152)
Q2646-03MSD	FRAC TANKMSD	2-Fluorophenol	150	80.3	54		15 (23)	110 (138)
		Phenol-d6	150	62.4	42		15 (10)	110 (134)
		Nitrobenzene-d5	100	71.7	72		30 (67)	130 (132)
		2-Fluorobiphenyl	100	75.7	76		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	111	74		15 (44)	110 (137)
		Terphenyl-d14	100	50.5	51		30 (42)	130 (152)

( ) = LABORATORY INHOUSE LIMIT

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2646 **Analytical Method:** SW8270E

Client: Environmental Restoration, LLC **DataFile:** BF143199.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q2646-03MS		**Client Sample ID: FRAC TANKMS**									
Pyridine	500	0	0	ug/L	0	*			20 (10)	160 (109)	
1,4-Dichlorobenzene	500	0	360	ug/L	72				70 (55)	130 (125)	
2-Methylphenol	500	0	790	ug/L	158	*			70 (60)	130 (131)	
3+4-Methylphenols	500	130	520	ug/L	78				20 (54)	160 (136)	
Hexachloroethane	500	0	370	ug/L	74				20 (19)	160 (146)	
Nitrobenzene	500	0	350	ug/L	70				70 (62)	130 (112)	
Hexachlorobutadiene	500	0	370	ug/L	74				70 (52)	130 (125)	
2,4,6-Trichlorophenol	500	0	360	ug/L	72				70 (78)	130 (112)	
2,4,5-Trichlorophenol	500	0	390	ug/L	78				70 (71)	130 (111)	
2,4-Dinitrotoluene	500	0	400	ug/L	80				70 (74)	130 (137)	
Hexachlorobenzene	500	0	370	ug/L	74				70 (72)	130 (115)	
Pentachlorophenol	1000	0	910	ug/L	91				20 (52)	160 (162)	

( ) = LABORATORY INHOUSE LIMIT

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2646 **Analytical Method:** SW8270E

Client: Environmental Restoration, LLC **DataFile:** BF143200.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID: Q2646-03MSD		**Client Sample ID: FRAC TANKMSD**									
Pyridine	500	0	0	ug/L	0	*	0		20 (10)	160 (109)	20 (20)
1,4-Dichlorobenzene	500	0	360	ug/L	72		0		70 (55)	130 (125)	20 (20)
2-Methylphenol	500	0	760	ug/L	152	*	4		70 (60)	130 (131)	20 (20)
3+4-Methylphenols	500	130	520	ug/L	78		0		20 (54)	160 (136)	20 (20)
Hexachloroethane	500	0	360	ug/L	72		3		20 (19)	160 (146)	20 (20)
Nitrobenzene	500	0	360	ug/L	72		3		70 (62)	130 (112)	20 (20)
Hexachlorobutadiene	500	0	390	ug/L	78		5		70 (52)	130 (125)	20 (20)
2,4,6-Trichlorophenol	500	0	380	ug/L	76		5		70 (78)	130 (112)	20 (20)
2,4,5-Trichlorophenol	500	0	420	ug/L	84		7		70 (71)	130 (111)	20 (20)
2,4-Dinitrotoluene	500	0	420	ug/L	84		5		70 (74)	130 (137)	20 (20)
Hexachlorobenzene	500	0	380	ug/L	76		3		70 (72)	130 (115)	20 (20)
Pentachlorophenol	1000	0	960	ug/L	96		5		20 (52)	160 (162)	20 (20)

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2646 **Analytical Method:** 8270E

Client: Environmental Restoration, LLC **DataFile:** BF143213.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB168954BS	Pyridine	50	37.0	ug/L	74				20 (29)	160 (97)	
	1,4-Dichlorobenzene	50	42.5	ug/L	85				70 (76)	130 (103)	
	2-Methylphenol	50	43.9	ug/L	88				70 (69)	130 (109)	
	3+4-Methylphenols	50	42.7	ug/L	85				20 (67)	160 (106)	
	Hexachloroethane	50	44.3	ug/L	89				20 (76)	160 (118)	
	Nitrobenzene	50	44.2	ug/L	88				70 (58)	130 (106)	
	Hexachlorobutadiene	50	44.2	ug/L	88				70 (69)	130 (101)	
	2,4,6-Trichlorophenol	50	44.7	ug/L	89				70 (61)	130 (110)	
	2,4,5-Trichlorophenol	50	44.7	ug/L	89				70 (70)	130 (106)	
	2,4-Dinitrotoluene	50	53.0	ug/L	106				70 (60)	130 (115)	
	Hexachlorobenzene	50	43.9	ug/L	88				70 (73)	130 (106)	
	Pentachlorophenol	100	61.8	ug/L	62				20 (47)	160 (114)	

( ) = LABORATORY INHOUSE LIMIT

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID: PB168954BL

Lab Name: Alliance | Contract: ENVI60

Lab Code: ACE | SDG NO.: Q2646

Lab File ID: BF143190.D | Lab Sample ID: PB168954BL

Instrument ID: BNA_F | Date Extracted: 07/22/2025

Matrix: (soil/water) water | Date Analyzed: 07/22/2025

Level: (low/med) LOW | Time Analyzed: 15:52

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
FRAC TANK	Q2646-03	BF143198.D	07/22/2025
FRAC TANKMS	Q2646-03MS	BF143199.D	07/22/2025
FRAC TANKMSD	Q2646-03MSD	BF143200.D	07/22/2025
PB168926TB	PB168926TB	BF143211.D	07/23/2025
PB168954BS	PB168954BS	BF143213.D	07/23/2025

COMMENTS:

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: ENVI60

Lab Code: ACE SDG NO.: Q2646

Lab File ID: BF143138.D DFTPP Injection Date: 07/17/2025

Instrument ID: BNA_F DFTPP Injection Time: 09:58

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.9) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.1 (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	6.8
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	79.6
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.5 (19.5) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BF143140.D	07/17/2025	11:04
SSTDICC005	SSTDICC005	BF143141.D	07/17/2025	11:34
SSTDICC010	SSTDICC010	BF143142.D	07/17/2025	12:04
SSTDICC020	SSTDICC020	BF143143.D	07/17/2025	12:34
SSTDICCC040	SSTDICCC040	BF143144.D	07/17/2025	13:03
SSTDICC050	SSTDICC050	BF143145.D	07/17/2025	13:33
SSTDICC060	SSTDICC060	BF143146.D	07/17/2025	14:04
SSTDICC080	SSTDICC080	BF143147.D	07/17/2025	14:34

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: ENVI60

Lab Code: ACE SDG NO.: Q2646

Lab File ID: BF143188.D DFTPP Injection Date: 07/22/2025

Instrument ID: BNA_F DFTPP Injection Time: 14:54

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.6 (1.8) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.2 (0.5) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	77.4
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.5 (19.5) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF143189.D	07/22/2025	15:23
PB168954BL	PB168954BL	BF143190.D	07/22/2025	15:52
FRAC TANK	Q2646-03	BF143198.D	07/22/2025	19:51
FRAC TANKMS	Q2646-03MS	BF143199.D	07/22/2025	20:20
FRAC TANKMSD	Q2646-03MSD	BF143200.D	07/22/2025	20:49

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: ENVI60

Lab Code: ACE SDG NO.: Q2646

Lab File ID: BF143209.D DFTPP Injection Date: 07/23/2025

Instrument ID: BNA_F DFTPP Injection Time: 13:34

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.9) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.2 (0.6) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
365	Greater than 1% of mass 198	3.9
441	Present, but less than mass 443	78.8
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.1 (19.1) 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
SSTDCCC040	SSTDCCC040	BF143210.D	07/23/2025	14:33
PB168926TB	PB168926TB	BF143211.D	07/23/2025	15:02
PB168954BS	PB168954BS	BF143213.D	07/23/2025	16:00

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2646

Client ID : SSTDCCC040 Date Analyzed: 07/22/2025

Lab File ID: BF143189.D Time Analyzed: 15:23

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	121745	6.963	475525	8.25	246814	10.00
	UPPER LIMIT	243490	7.463	951050	8.745	493628	10.504
	LOWER LIMIT	60872.5	6.463	237763	7.745	123407	9.504
	EPA SAMPLE NO.						
01	PB168954BL	132474	6.96	517206	8.24	278568	10.00
02	FRAC TANK	49096 *	6.99	345774	8.27	154112	10.00
03	FRAC TANKMS	106919	6.99	403875	8.26	174208	10.01
04	FRAC TANKMSD	103435	6.99	358963	8.27	160601	10.01

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.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2646

Client ID: SSTDCCC040 Date Analyzed: 07/22/2025

Lab File ID: BF143189.D Time Analyzed: 15:23

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #		RT #
	12 HOUR STD	395216	11.486	234922	14.127	268523		15.633
	UPPER LIMIT	790432	11.986	469844	14.627	537046		16.133
	LOWER LIMIT	197608	10.986	117461	13.627	134262		15.133
	EPA SAMPLE NO.							
01	PB168954BL	486814	11.49	272386	14.12	282193		15.63
02	FRAC TANK	263977	11.49	258410	14.15	120241	*	15.65
03	FRAC TANKMS	273501	11.49	256851	14.15	185286		15.65
04	FRAC TANKMSD	270710	11.49	252211	14.15	152378		15.65

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.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2646

Client ID : SSTDCCC040 Date Analyzed: 07/23/2025

Lab File ID: BF143210.D Time Analyzed: 14:33

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	97351	6.963	364498	8.25	187438	10.00
	UPPER LIMIT	194702	7.463	728996	8.745	374876	10.498
	LOWER LIMIT	48675.5	6.463	182249	7.745	93719	9.498
	EPA SAMPLE NO.						
01	PB168926TB	116721	6.96	444530	8.24	231009	10.00
02	PB168954BS	127773	6.96	503486	8.25	265187	10.00

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.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2646

Client ID: SSTDCCC040 Date Analyzed: 07/23/2025

Lab File ID: BF143210.D Time Analyzed: 14:33

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	309922	11.486	228057	14.121	245226	15.627
	UPPER LIMIT	619844	11.986	456114	14.621	490452	16.127
	LOWER LIMIT	154961	10.986	114029	13.621	122613	15.127
	EPA SAMPLE NO.						
01	PB168926TB	395154	11.48	268502	14.12	278322	15.63
02	PB168954BS	449718	11.49	253510	14.13	261797	15.63

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

Raw Data: **BF143190.D**

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Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	
Project:	North Arlington, NJ	Date Received:	
Client Sample ID:	PB168954BL	SDG No.:	Q2646
Lab Sample ID:	PB168954BL	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143190.D	1	07/22/25 09:10	07/22/25 15:52	PB168954

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	1.30	U	1.30	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.53	U	0.53	5.00	ug/L
95-48-7	2-Methylphenol	1.10	U	1.10	5.00	ug/L
65794-96-9	3+4-Methylphenols	1.10	U	1.10	10.0	ug/L
67-72-1	Hexachloroethane	0.65	U	0.65	5.00	ug/L
98-95-3	Nitrobenzene	0.76	U	0.76	5.00	ug/L
87-68-3	Hexachlorobutadiene	0.54	U	0.54	5.00	ug/L
88-06-2	2,4,6-Trichlorophenol	0.51	U	0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	0.62	U	0.62	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	1.20	U	1.20	5.00	ug/L
118-74-1	Hexachlorobenzene	0.52	U	0.52	5.00	ug/L
87-86-5	Pentachlorophenol	1.60	U	1.60	10.0	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	114		15 (23) - 110 (138)	76%	SPK: 150
13127-88-3	Phenol-d6	116		15 (10) - 110 (134)	77%	SPK: 150
4165-60-0	Nitrobenzene-d5	77.6		30 (67) - 130 (132)	78%	SPK: 100
321-60-8	2-Fluorobiphenyl	73.3		30 (52) - 130 (132)	73%	SPK: 100
118-79-6	2,4,6-Tribromophenol	128		15 (44) - 110 (137)	85%	SPK: 150
1718-51-0	Terphenyl-d14	77.4		30 (42) - 130 (152)	77%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	132000	6.963			
1146-65-2	Naphthalene-d8	517000	8.24			
15067-26-2	Acenaphthene-d10	279000	9.998			
1517-22-2	Phenanthrene-d10	487000	11.486			
1719-03-5	Chrysene-d12	272000	14.121			
1520-96-3	Perylene-d12	282000	15.627			

Raw Data: **BF143190.D**

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Report of Analysis

Client:	Environmental Restoration, LLC			Date Collected:	
Project:	North Arlington, NJ			Date Received:	
Client Sample ID:	PB168954BL			SDG No.:	Q2646
Lab Sample ID:	PB168954BL			Matrix:	TCLP
Analytical Method:	8270E			% Solid:	0
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	TCLP BNA
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143190.D	1	07/22/25 09:10	07/22/25 15:52	PB168954

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

Raw Data: **BF143213.D**

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Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	
Project:	North Arlington, NJ	Date Received:	
Client Sample ID:	PB168954BS	SDG No.:	Q2646
Lab Sample ID:	PB168954BS	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143213.D	1	07/22/25 09:10	07/23/25 16:00	PB168954

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	37.0		1.30	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	42.5		0.53	5.00	ug/L
95-48-7	2-Methylphenol	43.9		1.10	5.00	ug/L
65794-96-9	3+4-Methylphenols	42.7		1.10	10.0	ug/L
67-72-1	Hexachloroethane	44.3		0.65	5.00	ug/L
98-95-3	Nitrobenzene	44.2		0.76	5.00	ug/L
87-68-3	Hexachlorobutadiene	44.2		0.54	5.00	ug/L
88-06-2	2,4,6-Trichlorophenol	44.7		0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	44.7		0.62	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	53.0		1.20	5.00	ug/L
118-74-1	Hexachlorobenzene	43.9		0.52	5.00	ug/L
87-86-5	Pentachlorophenol	61.8		1.60	10.0	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	114		15 (23) - 110 (138)	76%	SPK: 150
13127-88-3	Phenol-d6	113		15 (10) - 110 (134)	76%	SPK: 150
4165-60-0	Nitrobenzene-d5	82.0		30 (67) - 130 (132)	82%	SPK: 100
321-60-8	2-Fluorobiphenyl	76.1		30 (52) - 130 (132)	76%	SPK: 100
118-79-6	2,4,6-Tribromophenol	126		15 (44) - 110 (137)	84%	SPK: 150
1718-51-0	Terphenyl-d14	82.6		30 (42) - 130 (152)	83%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	128000	6.963			
1146-65-2	Naphthalene-d8	503000	8.245			
15067-26-2	Acenaphthene-d10	265000	10.004			
1517-22-2	Phenanthrene-d10	450000	11.486			
1719-03-5	Chrysene-d12	254000	14.127			
1520-96-3	Perylene-d12	262000	15.627			

Raw Data: **BF143213.D**

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Report of Analysis

Client:	Environmental Restoration, LLC			Date Collected:	
Project:	North Arlington, NJ			Date Received:	
Client Sample ID:	PB168954BS			SDG No.:	Q2646
Lab Sample ID:	PB168954BS			Matrix:	TCLP
Analytical Method:	8270E			% Solid:	0
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	TCLP BNA
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143213.D	1	07/22/25 09:10	07/23/25 16:00	PB168954

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

Raw Data: **BF143199.D**

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	07/18/25
Project:	North Arlington, NJ	Date Received:	07/18/25
Client Sample ID:	FRAC TANKMS	SDG No.:	Q2646
Lab Sample ID:	Q2646-03MS	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143199.D	1	07/22/25 09:10	07/22/25 20:20	PB168954

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	12.8	U	12.8	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	360		5.30	50.0	ug/L
95-48-7	2-Methylphenol	790		11.2	50.0	ug/L
65794-96-9	3+4-Methylphenols	520		11.0	100	ug/L
67-72-1	Hexachloroethane	370		6.50	50.0	ug/L
98-95-3	Nitrobenzene	350		7.60	50.0	ug/L
87-68-3	Hexachlorobutadiene	370		5.40	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	360		5.10	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	390		6.20	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	400		12.2	50.0	ug/L
118-74-1	Hexachlorobenzene	370		5.20	50.0	ug/L
87-86-5	Pentachlorophenol	910	E	15.8	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	81.8		15 (23) - 110 (138)	55%	SPK: 150
13127-88-3	Phenol-d6	64.3		15 (10) - 110 (134)	43%	SPK: 150
4165-60-0	Nitrobenzene-d5	68.3		30 (67) - 130 (132)	68%	SPK: 100
321-60-8	2-Fluorobiphenyl	73.4		30 (52) - 130 (132)	73%	SPK: 100
118-79-6	2,4,6-Tribromophenol	99.1		15 (44) - 110 (137)	66%	SPK: 150
1718-51-0	Terphenyl-d14	46.8		30 (42) - 130 (152)	47%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	107000	6.986			
1146-65-2	Naphthalene-d8	404000	8.263			
15067-26-2	Acenaphthene-d10	174000	10.01			
1517-22-2	Phenanthrene-d10	274000	11.492			
1719-03-5	Chrysene-d12	257000	14.151			
1520-96-3	Perylene-d12	185000	15.651			

Raw Data: **BF143199.D**

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Report of Analysis

Client:	Environmental Restoration, LLC			Date Collected:	07/18/25
Project:	North Arlington, NJ			Date Received:	07/18/25
Client Sample ID:	FRAC TANKMS			SDG No.:	Q2646
Lab Sample ID:	Q2646-03MS			Matrix:	TCLP
Analytical Method:	8270E			% Solid:	0
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	TCLP BNA
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143199.D	1	07/22/25 09:10	07/22/25 20:20	PB168954

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

Raw Data: **BF143200.D**

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284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	07/18/25
Project:	North Arlington, NJ	Date Received:	07/18/25
Client Sample ID:	FRAC TANKMSD	SDG No.:	Q2646
Lab Sample ID:	Q2646-03MSD	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143200.D	1	07/22/25 09:10	07/22/25 20:49	PB168954

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	12.8	U	12.8	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	360		5.30	50.0	ug/L
95-48-7	2-Methylphenol	760		11.2	50.0	ug/L
65794-96-9	3+4-Methylphenols	520		11.0	100	ug/L
67-72-1	Hexachloroethane	360		6.50	50.0	ug/L
98-95-3	Nitrobenzene	360		7.60	50.0	ug/L
87-68-3	Hexachlorobutadiene	390		5.40	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	380		5.10	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	420		6.20	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	420		12.2	50.0	ug/L
118-74-1	Hexachlorobenzene	380		5.20	50.0	ug/L
87-86-5	Pentachlorophenol	960	E	15.8	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	80.3		15 (23) - 110 (138)	54%	SPK: 150
13127-88-3	Phenol-d6	62.4		15 (10) - 110 (134)	42%	SPK: 150
4165-60-0	Nitrobenzene-d5	71.7		30 (67) - 130 (132)	72%	SPK: 100
321-60-8	2-Fluorobiphenyl	75.7		30 (52) - 130 (132)	76%	SPK: 100
118-79-6	2,4,6-Tribromophenol	111		15 (44) - 110 (137)	74%	SPK: 150
1718-51-0	Terphenyl-d14	50.5		30 (42) - 130 (152)	51%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	103000	6.987			
1146-65-2	Naphthalene-d8	359000	8.269			
15067-26-2	Acenaphthene-d10	161000	10.01			
1517-22-2	Phenanthrene-d10	271000	11.492			
1719-03-5	Chrysene-d12	252000	14.151			
1520-96-3	Perylene-d12	152000	15.651			

Raw Data: **BF143200.D**

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	07/18/25
Project:	North Arlington, NJ	Date Received:	07/18/25
Client Sample ID:	FRAC TANKMSD	SDG No.:	Q2646
Lab Sample ID:	Q2646-03MSD	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143200.D	1	07/22/25 09:10	07/22/25 20:49	PB168954

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

Response Factor Report BNA_F

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF071725.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Jul 17 15:14:05 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BF143140.D 5 =BF143141.D 10 =BF143142.D 20 =BF143143.D 40 =BF143144.D 50 =BF143145.D 60 =BF143146.D 80 =BF1431
47.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------							
2)		1,4-Dioxane		0.622	0.582	0.614	0.600	0.625	0.584	0.558	0.598	4.09
3)		Pyridine		1.631	1.557	1.551	1.530	1.618	1.525	1.452	1.552	3.88
4)		n-Nitrosodimet...			0.776	0.799	0.810	0.851	0.804	0.768	0.801	3.66
5)	S	2-Fluorophenol		1.385	1.313	1.319	1.231	1.284	1.194	1.121	1.264	7.00
6)		Aniline		2.334	2.259	2.273	2.204	2.292	2.139	2.018	2.217	4.86
7)	S	Phenol-d6		1.733	1.640	1.657	1.554	1.632	1.506	1.413	1.591	6.72
8)		2-Chlorophenol		1.391	1.343	1.371	1.310	1.369	1.284	1.205	1.325	4.87
9)		Benzaldehyde			1.167	1.163	1.443	1.411	1.122	0.851	1.193	18.13
10)	C	Phenol		1.882	1.767	1.776	1.711	1.788	1.675	1.531	1.733	6.37
11)		bis(2-Chloroet...		1.419	1.343	1.379	1.303	1.361	1.281	1.203	1.327	5.40
12)		1,3-Dichlorobe...		1.572	1.513	1.494	1.401	1.466	1.362	1.266	1.439	7.18
13)	C	1,4-Dichlorobe...		1.602	1.518	1.502	1.418	1.473	1.357	1.275	1.449	7.52
14)		1,2-Dichlorobe...		1.509	1.413	1.445	1.343	1.413	1.303	1.223	1.378	6.96
15)		Benzyl Alcohol			1.214	1.246	1.215	1.278	1.193	1.141	1.215	3.85
16)		2,2'-oxybis(1-...		2.670	2.553	2.545	2.421	2.517	2.343	2.182	2.461	6.55
17)		2-Methylphenol		1.178	1.111	1.141	1.097	1.160	1.084	1.026	1.114	4.61
18)		Hexachloroethane		0.522	0.498	0.522	0.495	0.525	0.491	0.460	0.502	4.68
19)	P	n-Nitroso-di-n...	1.101	1.111	1.051	1.028	0.986	1.023	0.953	0.912	1.021	6.76
20)		3+4-Methylphenols			1.467	1.469	1.341	1.402	1.268	1.162	1.351	8.95
21)	I	Naphthalene-d8	----------	ISTD	----------							
22)		Acetophenone		0.527	0.504	0.501	0.455	0.476	0.442	0.409	0.474	8.65
23)	S	Nitrobenzene-d5		0.407	0.394	0.417	0.399	0.417	0.397	0.378	0.401	3.47
24)		Nitrobenzene		0.380	0.370	0.388	0.375	0.388	0.373	0.345	0.374	3.88
25)		Isophorone		0.748	0.707	0.711	0.692	0.734	0.699	0.667	0.708	3.75
26)	C	2-Nitrophenol		0.133	0.141	0.164	0.172	0.182	0.177	0.168	0.162	11.25
27)		2,4-Dimethylph...		0.356	0.340	0.341	0.324	0.338	0.319	0.298	0.331	5.70
28)		bis(2-Chloroet...		0.463	0.437	0.442	0.413	0.430	0.405	0.383	0.425	6.28
29)	C	2,4-Dichloroph...		0.292	0.282	0.287	0.276	0.289	0.271	0.256	0.279	4.44
30)		1,2,4-Trichlor...		0.329	0.307	0.318	0.294	0.303	0.290	0.270	0.302	6.43
31)		Naphthalene		1.118	1.038	1.032	0.954	0.986	0.916	0.851	0.985	8.91
32)		Benzoic acid			0.104	0.149	0.180	0.197	0.187	0.194	0.169	21.36
33)		4-Chloroaniline		0.437	0.417	0.419	0.390	0.408	0.383	0.361	0.402	6.33
34)	C	Hexachlorobuta...		0.193	0.190	0.191	0.181	0.188	0.179	0.169	0.184	4.59
35)		Caprolactam			0.078	0.084	0.087	0.091	0.085	0.082	0.084	5.35
36)	C	4-Chloro-3-met...		0.319	0.310	0.307	0.301	0.311	0.294	0.282	0.303	4.04
37)		2-Methylnaphth...		0.667	0.634	0.628	0.580	0.603	0.561	0.522	0.599	8.17
38)		1-Methylnaphth...		0.682	0.652	0.650	0.599	0.621	0.579	0.537	0.617	8.05

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF071725.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.638	0.598	0.601	0.550	0.582	0.558	0.515	0.577	6.93
41)	P	Hexachlorocycl...		0.337	0.373	0.373	0.404	0.393	0.374	0.376	6.14
42)	S	2,4,6-Tribromo...	0.200	0.202	0.212	0.210	0.218	0.206	0.198	0.207	3.55
43)	C	2,4,6-Trichlor...	0.391	0.406	0.412	0.384	0.429	0.401	0.374	0.400	4.63
44)		2,4,5-Trichlor...	0.404	0.387	0.411	0.405	0.411	0.395	0.384	0.400	2.76
45)	S	2-Fluorobiphenyl	1.761	1.644	1.547	1.358	1.414	1.323	1.190	1.462	13.58
46)		1,1'-Biphenyl	1.748	1.667	1.640	1.489	1.553	1.472	1.353	1.560	8.62
47)		2-Chloronaphth...	1.268	1.223	1.192	1.103	1.166	1.104	1.026	1.155	7.14
48)		2-Nitroaniline	0.305	0.333	0.372	0.377	0.396	0.386	0.366	0.362	8.85
49)		Acenaphthylene	2.134	2.052	2.011	1.860	1.958	1.834	1.694	1.935	7.71
50)		Dimethylphthalate	1.422	1.340	1.340	1.279	1.325	1.251	1.169	1.304	6.16
51)		2,6-Dinitrotol...	0.225	0.250	0.272	0.278	0.289	0.277	0.266	0.265	8.14
52)	C	Acenaphthene	1.278	1.194	1.184	1.096	1.155	1.083	1.016	1.144	7.53
53)		3-Nitroaniline	0.285	0.300	0.315	0.317	0.334	0.318	0.303	0.310	5.13
54)	P	2,4-Dinitrophenol		0.051	0.081	0.104	0.116	0.118	0.121	0.098	28.02
55)		Dibenzofuran	1.929	1.807	1.766	1.633	1.698	1.587	1.465	1.698	9.02
56)	P	4-Nitrophenol		0.200	0.228	0.246	0.250	0.237	0.229	0.232	7.70
57)		2,4-Dinitrotol...	0.269	0.296	0.342	0.354	0.372	0.354	0.341	0.333	11.03
58)		Fluorene	1.480	1.402	1.322	1.212	1.257	1.161	1.086	1.274	10.79
59)		2,3,4,6-Tetrac...	0.321	0.331	0.345	0.333	0.351	0.329	0.309	0.331	4.30
60)		Diethylphthalate	1.377	1.322	1.335	1.269	1.329	1.231	1.158	1.289	5.81
61)		4-Chlorophenyl...	0.710	0.670	0.657	0.612	0.633	0.601	0.558	0.635	7.86
62)		4-Nitroaniline	0.236	0.255	0.266	0.280	0.289	0.270	0.265	0.266	6.44
63)		Azobenzene	1.452	1.401	1.389	1.320	1.364	1.278	1.196	1.343	6.38
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.054	0.087	0.097	0.110	0.109	0.109	0.094	22.88
66)	c	n-Nitrosodiphe...	0.761	0.728	0.721	0.674	0.726	0.685	0.634	0.704	6.03
67)		4-Bromophenyl-...	0.252	0.238	0.241	0.228	0.247	0.239	0.223	0.238	4.26
68)		Hexachlorobenzene	0.269	0.248	0.252	0.239	0.258	0.245	0.233	0.249	4.80
69)		Atrazine	0.184	0.187	0.198	0.196	0.208	0.197	0.189	0.194	4.32
70)	C	Pentachlorophenol		0.119	0.146	0.148	0.160	0.155	0.150	0.147	9.70
71)		Phenanthrene	1.191	1.100	1.117	1.020	1.069	1.002	0.934	1.062	7.98
72)		Anthracene	1.184	1.136	1.134	1.038	1.095	1.038	0.956	1.083	7.13
73)		Carbazole	1.042	0.969	0.982	0.929	0.963	0.899	0.836	0.946	6.93
74)		Di-n-butylphth...	1.076	1.054	1.129	1.074	1.119	1.048	0.990	1.070	4.36
75)	C	Fluoranthene	1.085	0.987	1.018	0.953	0.979	0.928	0.873	0.975	6.91
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.758	0.844	0.953	0.697	0.601		0.771	17.53
78)		Pyrene	1.909	1.783	1.783	1.715	1.740	1.523	1.494	1.707	8.72
79)	S	Terphenyl-d14	1.567	1.456	1.419	1.311	1.342	1.191	1.122	1.344	11.43
80)		Butylbenzylpht...	0.438	0.472	0.536	0.544	0.582	0.556	0.532	0.523	9.61
81)		Benzo(a)anthra...	1.374	1.367	1.381	1.282	1.422	1.313	1.235	1.339	4.86
82)		3,3'-Dichlorob...		0.437	0.495	0.429	0.476	0.440	0.401	0.446	7.58
83)		Chrysene	1.282	1.174	1.247	1.206	1.218	1.173	1.127	1.204	4.29
84)		Bis(2-ethylhex...	0.691	0.755	0.824	0.789	0.862	0.826	0.789	0.791	7.03
85)	c	Di-n-octyl pht...		1.274	1.428	1.384	1.550	1.508	1.461	1.434	6.83

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF071725.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.424	1.336	1.430	1.413	1.505	1.411	1.352	1.410	3.92
88)		Benzo(b)fluora...	1.231	1.136	1.287	1.147	1.352	1.188	1.212	1.222	6.30
89)		Benzo(k)fluora...	1.168	1.152	1.093	1.134	1.069	1.080	0.937	1.090	7.10
90)	C	Benzo(a)pyrene	1.129	1.102	1.147	1.121	1.192	1.121	1.070	1.126	3.35
91)		Dibenzo(a,h)an...	1.159	1.103	1.179	1.147	1.221	1.140	1.087	1.148	3.92
92)		Benzo(g,h,i)pe...	1.100	1.047	1.140	1.109	1.196	1.113	1.067	1.110	4.37

(#) = Out of Range

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: ENVI60

Lab Code: ACE SDG No.: Q2646

Instrument ID: BNA_F Calibration Date/Time: 07/22/2025 15:23

Lab File ID: BF143189.D Init. Calib. Date(s): 07/17/2025 07/17/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:04 14:34

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Pyridine	1.552	1.527		-1.6	
2-Fluorophenol	1.264	1.251		-1.0	
Phenol-d6	1.591	1.592		0.1	
1,4-Dichlorobenzene	1.449	1.455		0.4	20.0
2-Methylphenol	1.114	1.126		1.1	
3+4-Methylphenols	1.351	1.397		3.4	
Nitrobenzene-d5	0.401	0.408		1.7	
Hexachloroethane	0.502	0.518		3.2	
Nitrobenzene	0.374	0.383		2.4	
Hexachlorobutadiene	0.184	0.183		-0.5	20.0
2,4,6-Trichlorophenol	0.400	0.390		-2.5	20.0
2-Fluorobiphenyl	1.462	1.403		-4.0	
2,4,5-Trichlorophenol	0.400	0.403		0.8	
2,4-Dinitrotoluene	0.333	0.359		7.8	
2,4,6-Tribromophenol	0.207	0.210		1.4	
Hexachlorobenzene	0.249	0.241		-3.2	
Pentachlorophenol	0.147	0.155		5.4	20.0
Terphenyl-d14	1.344	1.253		-6.8	

All other compounds must meet a minimum RRF of 0.010.

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: ENVI60

Lab Code: ACE SDG No.: Q2646

Instrument ID: BNA_F Calibration Date/Time: 07/23/2025 14:33

Lab File ID: BF143210.D Init. Calib. Date(s): 07/17/2025 07/17/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:04 14:34

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Pyridine	1.552	1.455		-6.3	
2-Fluorophenol	1.264	1.243		-1.7	
Phenol-d6	1.591	1.523		-4.3	
1,4-Dichlorobenzene	1.449	1.442		-0.5	20.0
2-Methylphenol	1.114	1.066		-4.3	
3+4-Methylphenols	1.351	1.319		-2.4	
Nitrobenzene-d5	0.401	0.408		1.7	
Hexachloroethane	0.502	0.518		3.2	
Nitrobenzene	0.374	0.377		0.8	
Hexachlorobutadiene	0.184	0.189		2.7	20.0
2,4,6-Trichlorophenol	0.400	0.386		-3.5	20.0
2-Fluorobiphenyl	1.462	1.452		-0.7	
2,4,5-Trichlorophenol	0.400	0.402		0.5	
2,4-Dinitrotoluene	0.333	0.361		8.4	
2,4,6-Tribromophenol	0.207	0.202		-2.4	
Hexachlorobenzene	0.249	0.244		-2.0	
Pentachlorophenol	0.147	0.134		-8.8	20.0
Terphenyl-d14	1.344	1.178		-12.4	

All other compounds must meet a minimum RRF of 0.010.

SAMPLE RAW DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143211.D
Acq On : 23 Jul 2025 15:02
Operator : RC/JU
Sample : PB168926TB
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168926TB

Quant Time: Jul 23 15:38:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

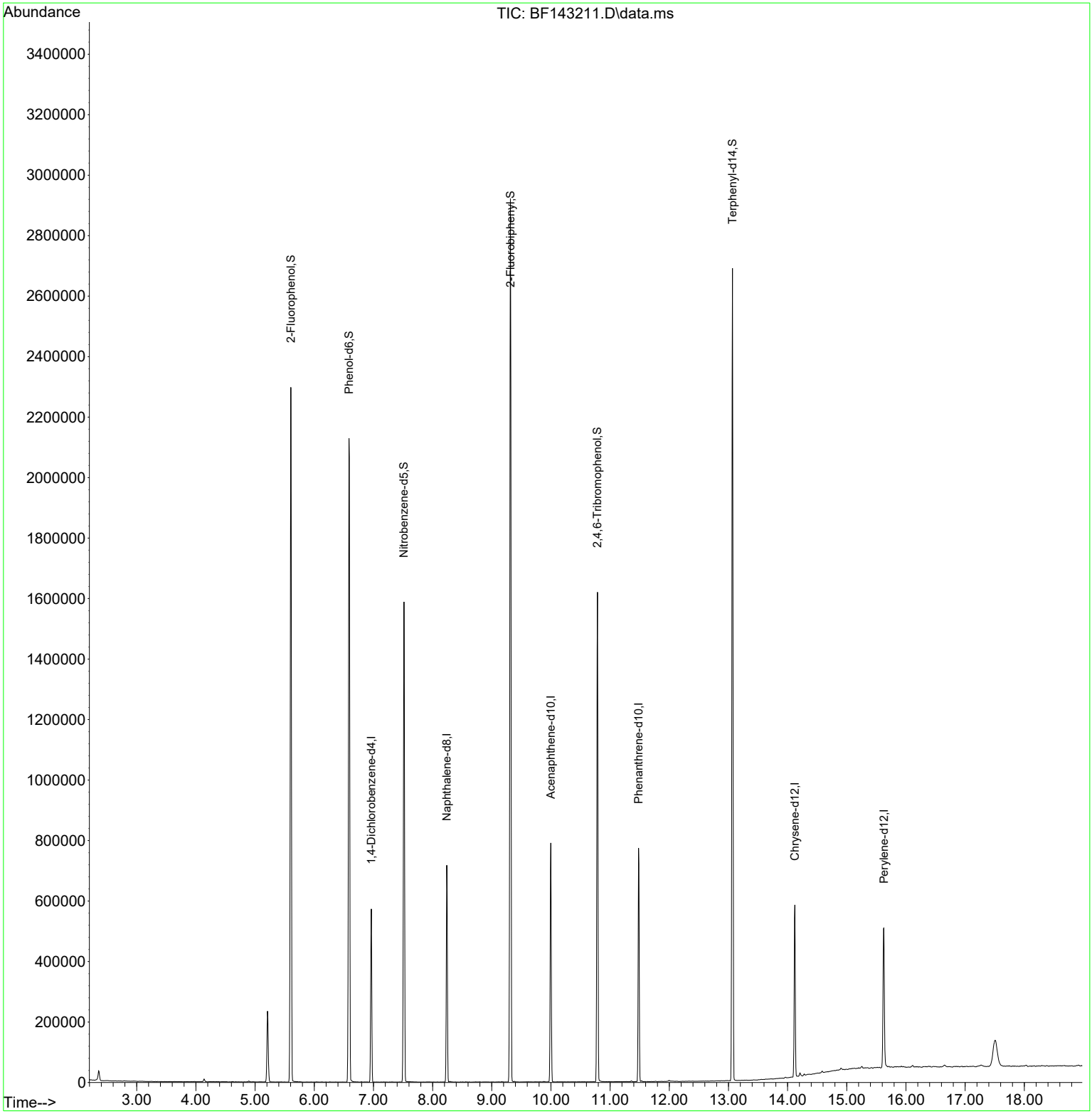
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	116721	20.000	ng	0.00
21) Naphthalene-d8	8.240	136	444530	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	231009	20.000	ng	0.00
64) Phenanthrene-d10	11.481	188	395154	20.000	ng	0.00
76) Chrysene-d12	14.122	240	268502	20.000	ng	0.00
86) Perylene-d12	15.627	264	278322	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.604	112	840890	114.005	ng	0.02
7) Phenol-d6	6.587	99	1050509	113.153	ng	0.00
23) Nitrobenzene-d5	7.516	82	712177	79.859	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	283835	118.936	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1318120	78.036	ng	0.00
79) Terphenyl-d14	13.069	244	1312385	72.736	ng	0.00
Target Compounds						Qvalue

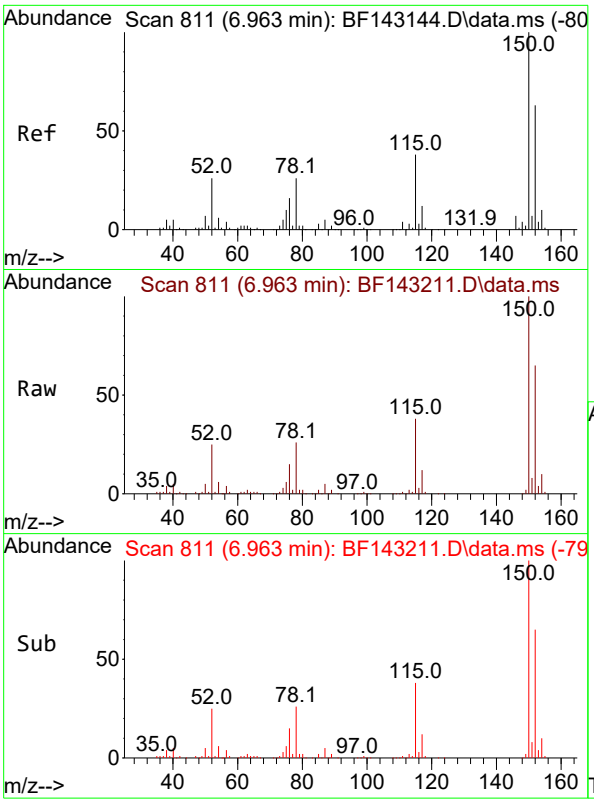
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143211.D
Acq On : 23 Jul 2025 15:02
Operator : RC/JU
Sample : PB168926TB
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168926TB

Quant Time: Jul 23 15:38:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration



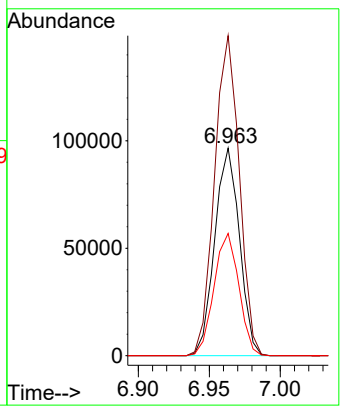


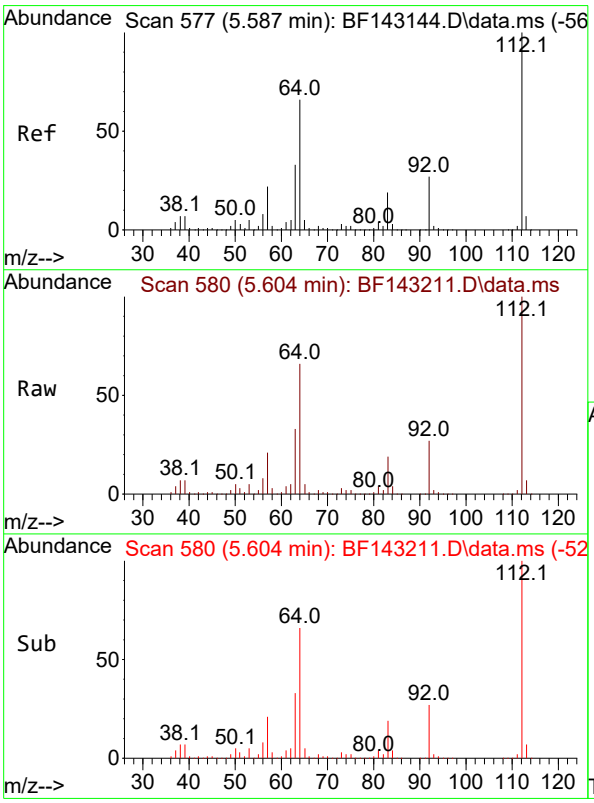
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143211.D
Acq: 23 Jul 2025 15:02

Instrument :
BNA_F
ClientSampleId :
PB168926TB

Tgt Ion:152 Resp: 116721

Ion	Ratio	Lower	Upper
152	100		
150	154.2	128.2	192.4
115	59.0	47.9	71.9

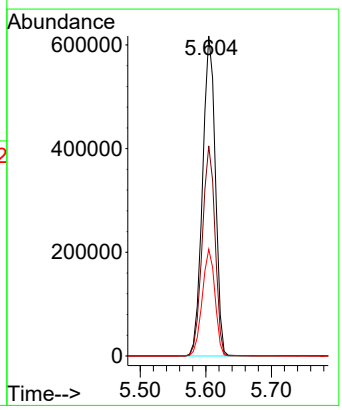


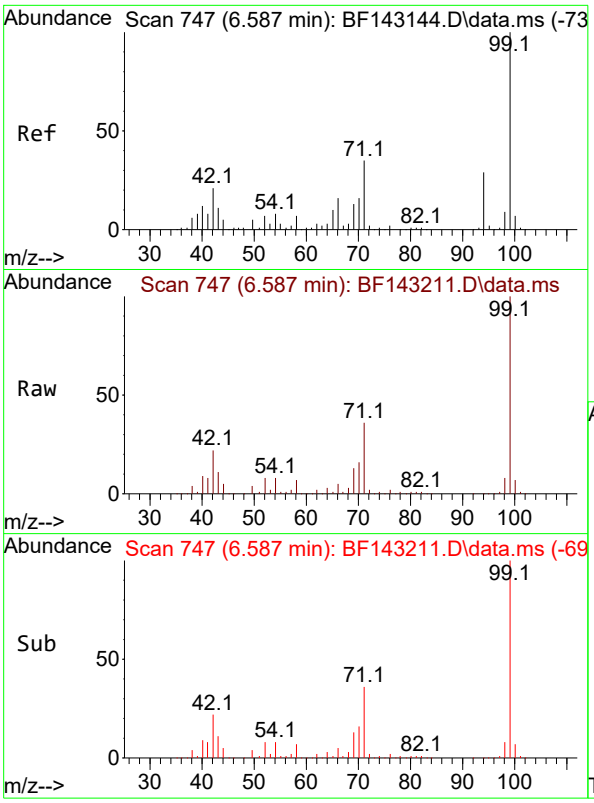


#5
2-Fluorophenol
Concen: 114.005 ng
RT: 5.604 min Scan# 580
Delta R.T. 0.018 min
Lab File: BF143211.D
Acq: 23 Jul 2025 15:02

Tgt Ion:112 Resp: 840890

Ion	Ratio	Lower	Upper
112	100		
64	65.7	53.1	79.7
63	33.4	26.6	40.0



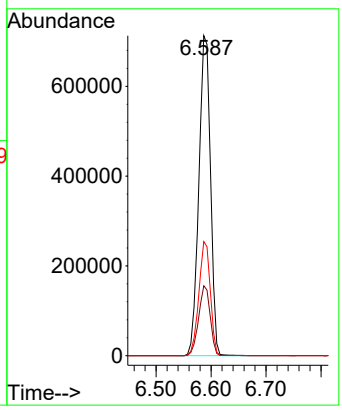


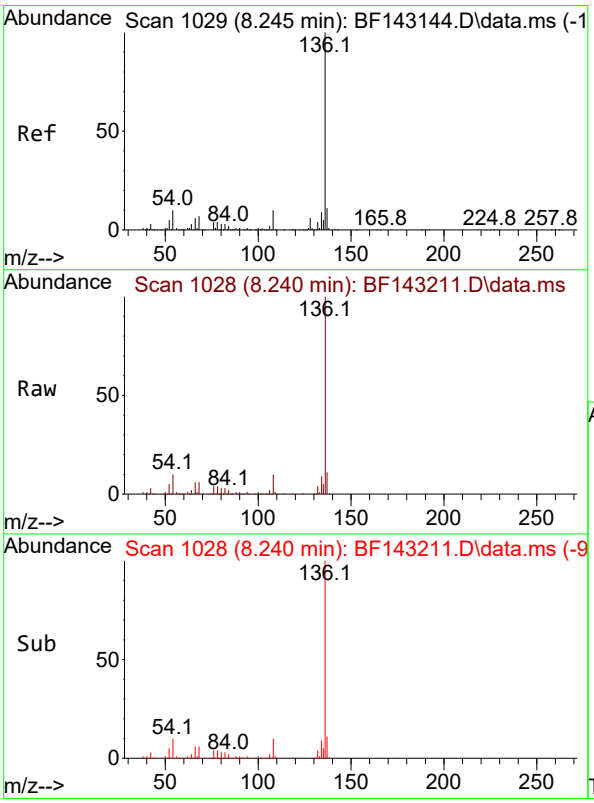
#7
Phenol-d6
Concen: 113.153 ng
RT: 6.587 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143211.D
Acq: 23 Jul 2025 15:02

Instrument :
BNA_F
ClientSampleId :
PB168926TB

Tgt Ion: 99 Resp: 1050509

Ion	Ratio	Lower	Upper
99	100		
42	21.8	17.0	25.6
71	35.6	27.7	41.5

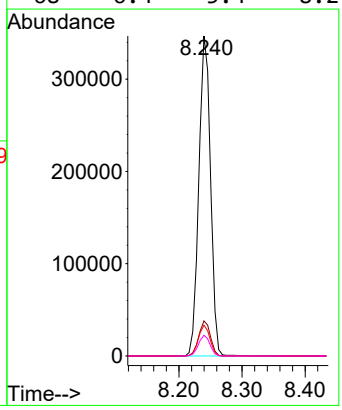


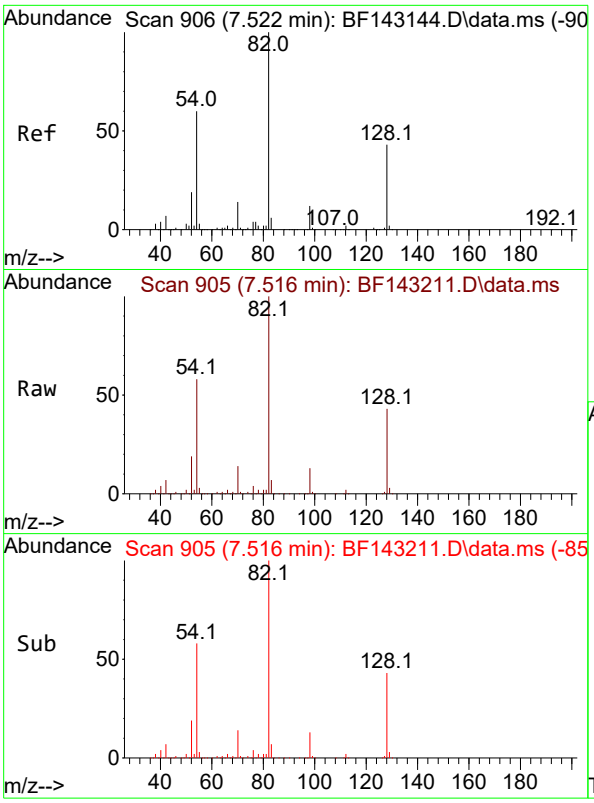


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.240 min Scan# 1028
Delta R.T. -0.005 min
Lab File: BF143211.D
Acq: 23 Jul 2025 15:02

Tgt Ion:136 Resp: 444530

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	9.6	8.2	12.2
68	6.4	5.4	8.2



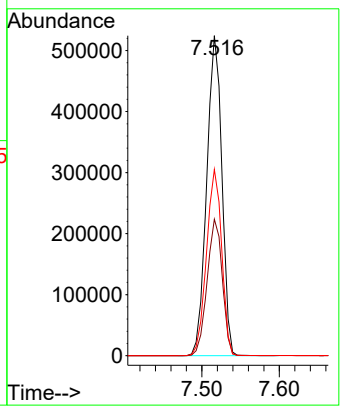


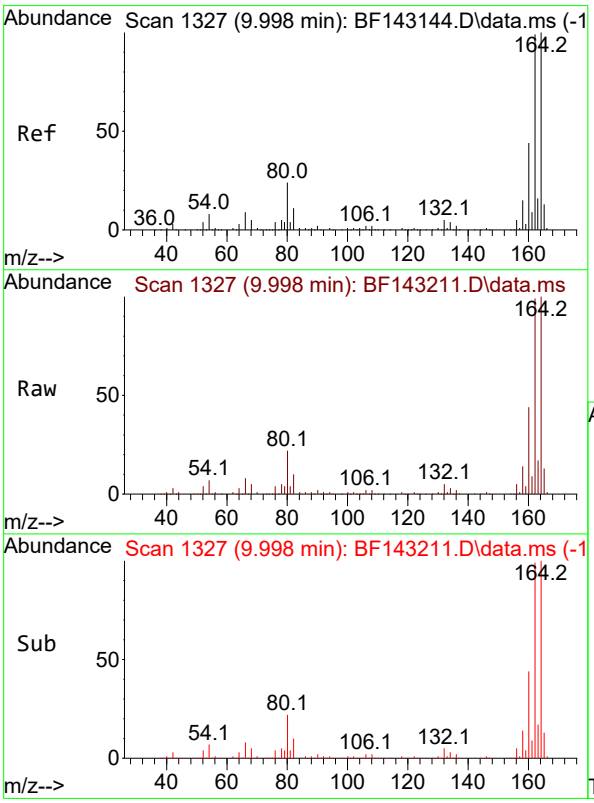
#23
Nitrobenzene-d5
Concen: 79.859 ng
RT: 7.516 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143211.D
Acq: 23 Jul 2025 15:02

Instrument :
BNA_F
ClientSampleId :
PB168926TB

Tgt Ion: 82 Resp: 712177

Ion	Ratio	Lower	Upper
82	100		
128	42.6	33.6	50.4
54	58.2	47.1	70.7

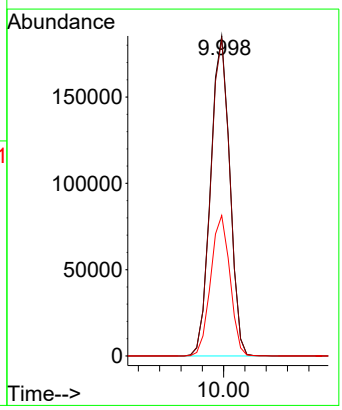


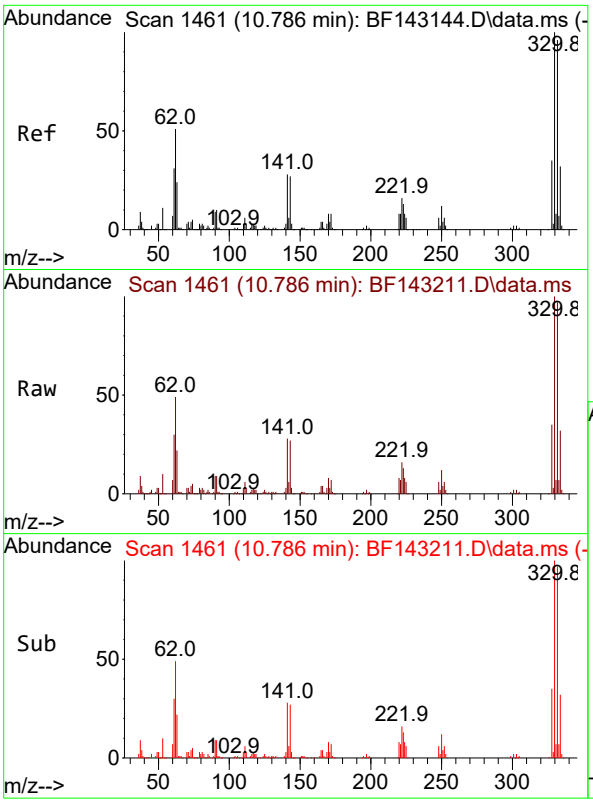


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF143211.D
Acq: 23 Jul 2025 15:02

Tgt Ion:164 Resp: 231009

Ion	Ratio	Lower	Upper
164	100		
162	99.1	79.0	118.6
160	43.9	35.1	52.7



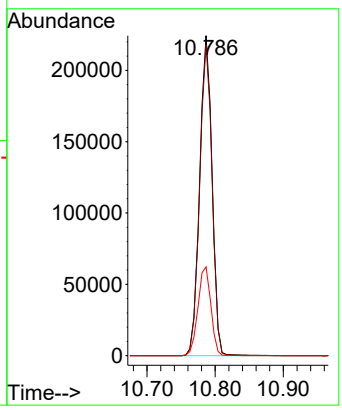


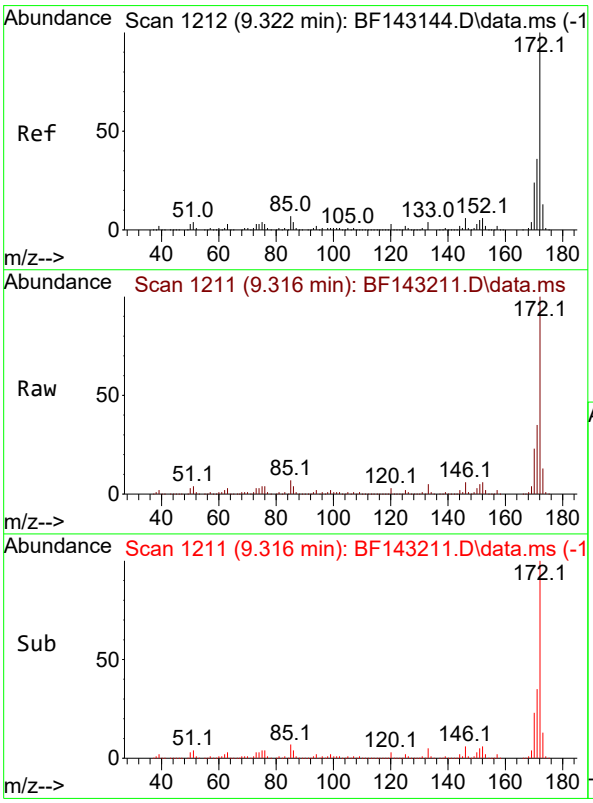
#42
2,4,6-Tribromophenol
Concen: 118.936 ng
RT: 10.786 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143211.D
Acq: 23 Jul 2025 15:02

Instrument :
BNA_F
ClientSampleId :
PB168926TB

Tgt Ion:330 Resp: 283835

Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.7	115.1
141	28.7	23.3	34.9

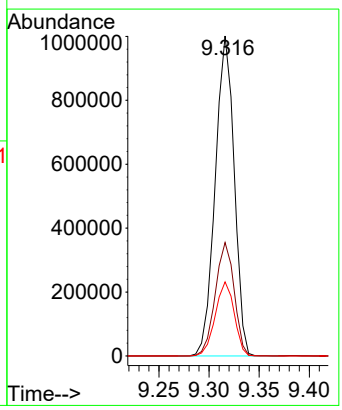


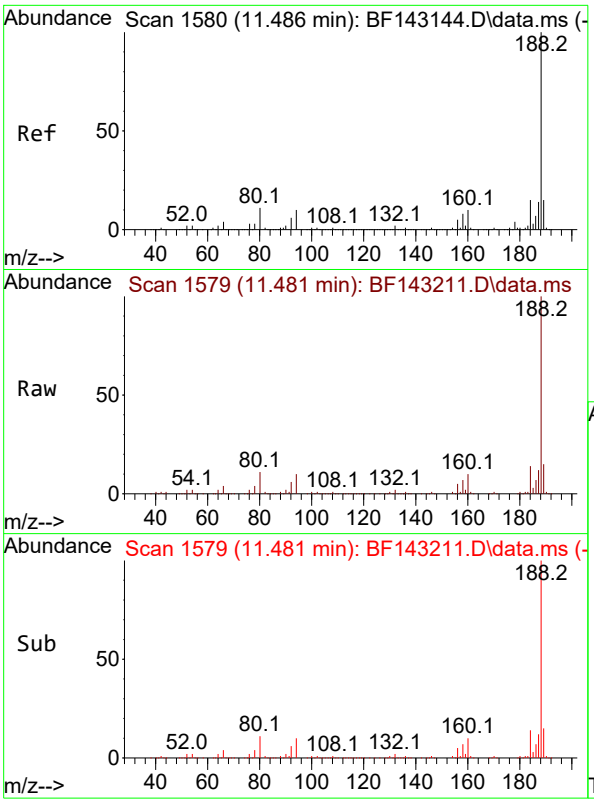


#45
2-Fluorobiphenyl
Concen: 78.036 ng
RT: 9.316 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF143211.D
Acq: 23 Jul 2025 15:02

Tgt Ion:172 Resp: 1318120

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	42.8
170	23.2	18.8	28.2



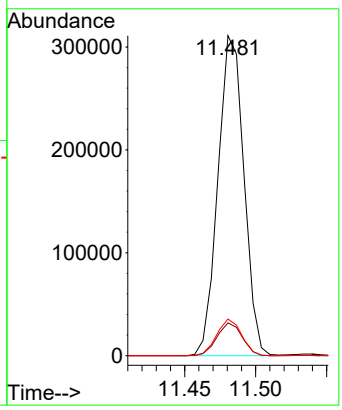


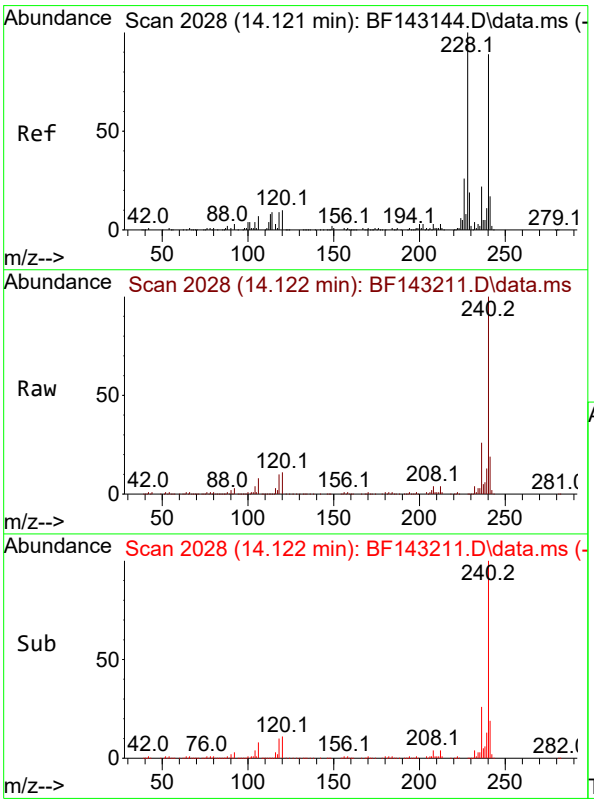
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.481 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143211.D
Acq: 23 Jul 2025 15:02

Instrument :
BNA_F
ClientSampleId :
PB168926TB

Tgt Ion:188 Resp: 395154

Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.3	12.5
80	11.4	9.0	13.6

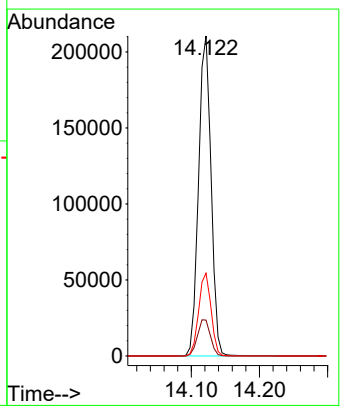


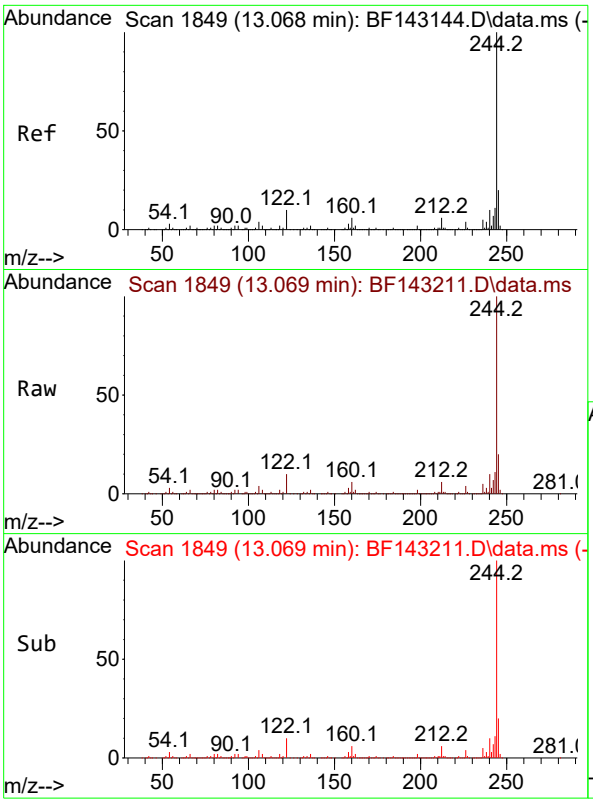


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.122 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF143211.D
Acq: 23 Jul 2025 15:02

Tgt Ion:240 Resp: 268502

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.4	14.2
236	25.9	20.2	30.4



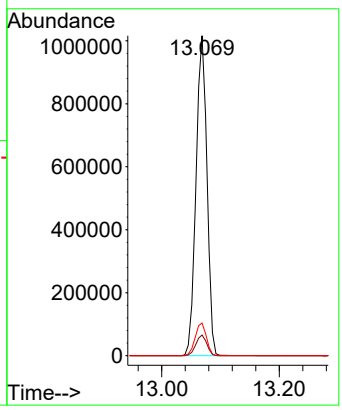


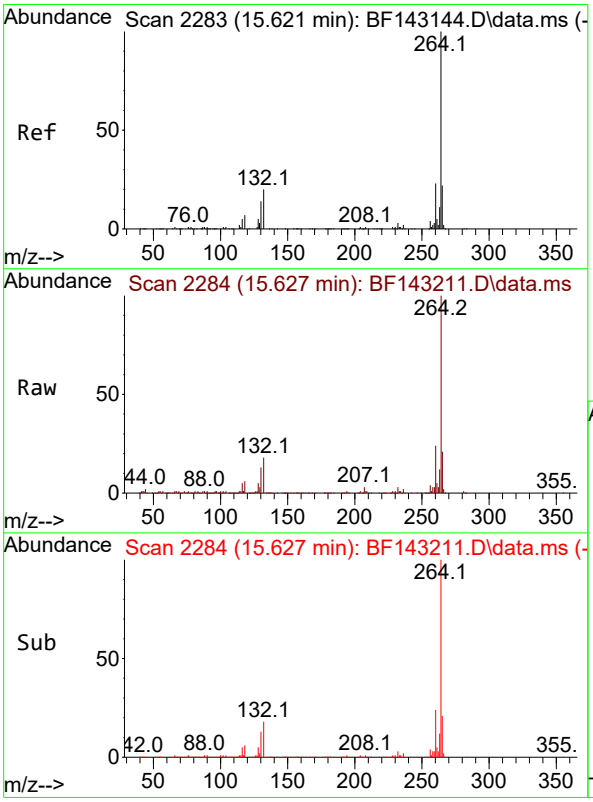
#79
Terphenyl-d14
Concen: 72.736 ng
RT: 13.069 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143211.D
Acq: 23 Jul 2025 15:02

Instrument :
BNA_F
ClientSampleId :
PB168926TB

Tgt Ion:244 Resp: 1312385

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.2	7.8
122	10.2	8.2	12.2

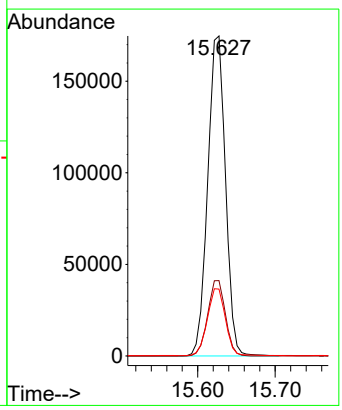




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.627 min Scan# 2284
Delta R.T. 0.006 min
Lab File: BF143211.D
Acq: 23 Jul 2025 15:02

Tgt Ion:264 Resp: 278322

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.5	27.7
265	20.9	17.4	26.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143198.D
Acq On : 22 Jul 2025 19:51
Operator : RC/JU
Sample : Q2646-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FRAC TANK

Quant Time: Jul 23 04:51:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

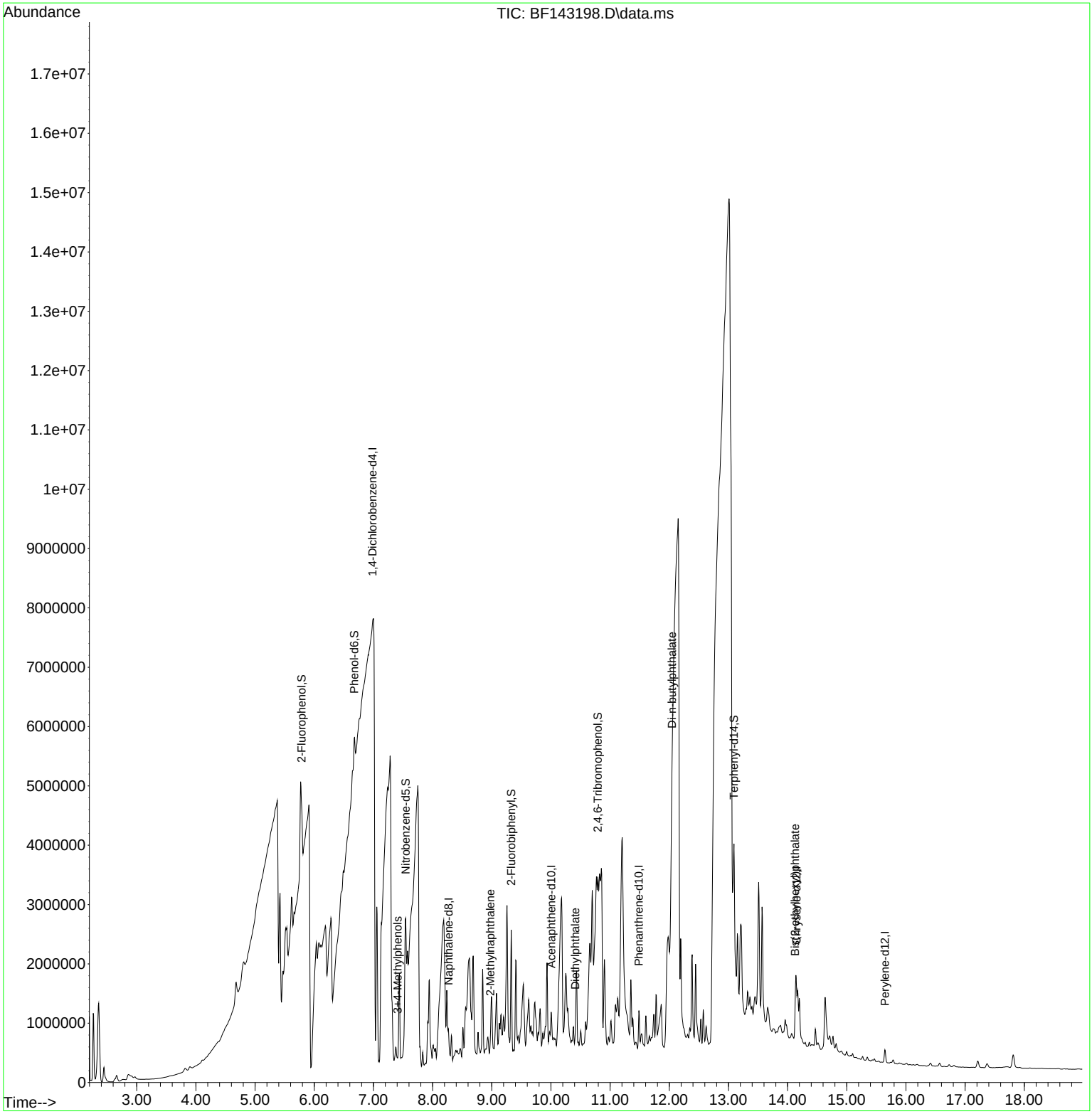
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.987	152	49096	20.000	ng		0.02
21) Naphthalene-d8	8.269	136	345774	20.000	ng		0.02
39) Acenaphthene-d10	10.004	164	154112	20.000	ng		0.00
64) Phenanthrene-d10	11.486	188	263977	20.000	ng		0.00
76) Chrysene-d12	14.151	240	258410	20.000	ng		0.03
86) Perylene-d12	15.645	264	120241	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.787	112	505237	162.848	ng		0.20
7) Phenol-d6	6.675	99	454882	116.485	ng		0.09
23) Nitrobenzene-d5	7.545	82	526527	75.905	ng		0.02
42) 2,4,6-Tribromophenol	10.792	330	192596	120.973	ng		0.00
45) 2-Fluorobiphenyl	9.328	172	885683	78.597	ng		0.00
79) Terphenyl-d14	13.092	244	900783	51.873	ng		0.02
Target Compounds							Qvalue
20) 3+4-Methylphenols	7.410	107	43141	13.004	ng	#	77
37) 2-Methylnaphthalene	8.975	142	31462	3.036	ng		97
60) Diethylphthalate	10.410	149	97198	9.789	ng		98
74) Di-n-butylphthalate	12.045	149	29957	2.121	ng	#	87
84) Bis(2-ethylhexyl)phtha...	14.127	149	27750	2.715	ng		100

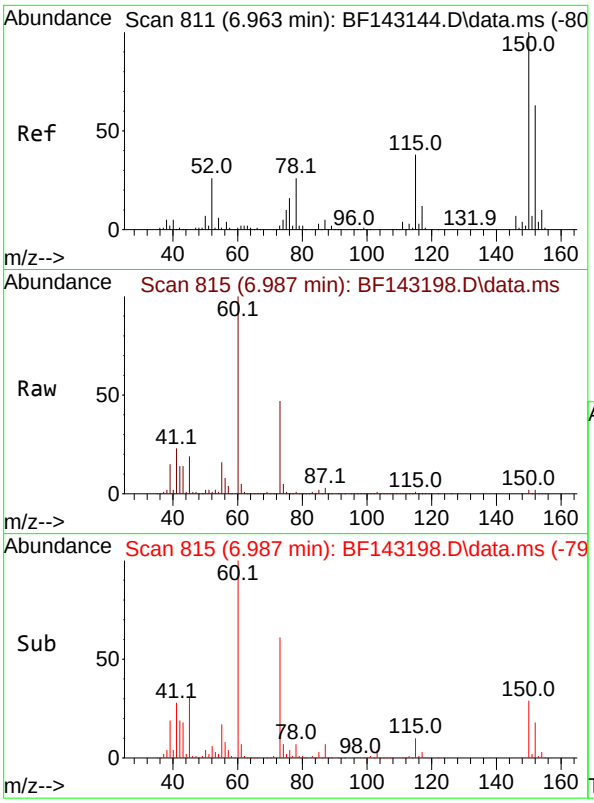
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143198.D
Acq On : 22 Jul 2025 19:51
Operator : RC/JU
Sample : Q2646-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FRAC TANK

Quant Time: Jul 23 04:51:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration



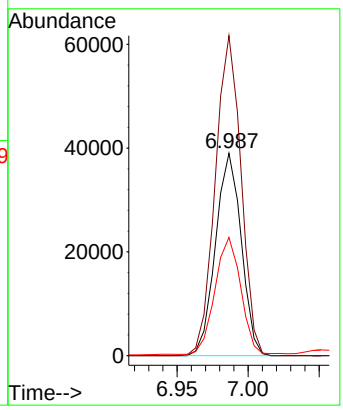


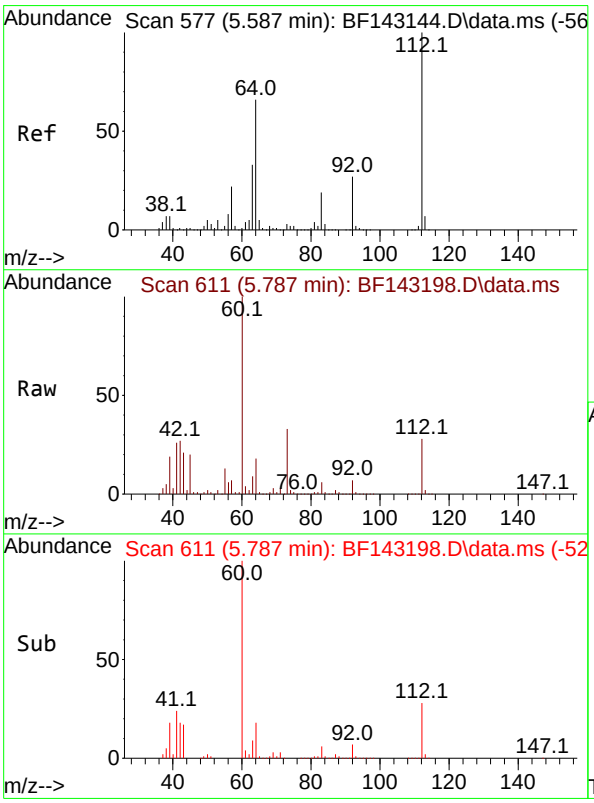
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.987 min Scan# 8
Delta R.T. 0.024 min
Lab File: BF143198.D
Acq: 22 Jul 2025 19:51

Instrument :
BNA_F
ClientSampleId :
FRAC TANK

Tgt Ion:152 Resp: 49096

Ion	Ratio	Lower	Upper
152	100		
150	158.1	128.2	192.4
115	58.4	47.9	71.9

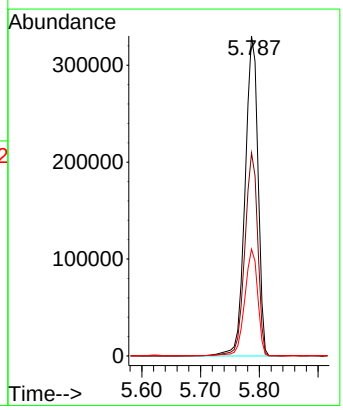


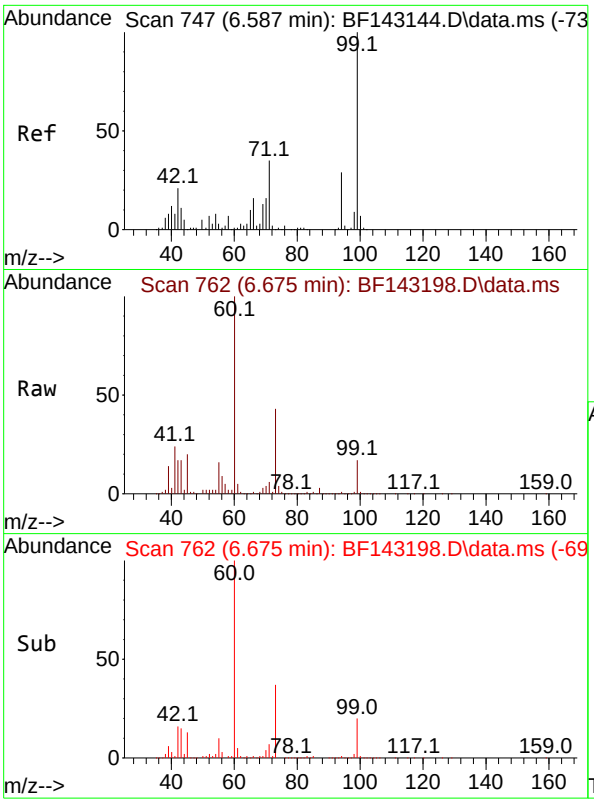


#5
2-Fluorophenol
Concen: 162.848 ng
RT: 5.787 min Scan# 611
Delta R.T. 0.200 min
Lab File: BF143198.D
Acq: 22 Jul 2025 19:51

Tgt Ion:112 Resp: 505237

Ion	Ratio	Lower	Upper
112	100		
64	63.5	53.1	79.7
63	33.4	26.6	40.0



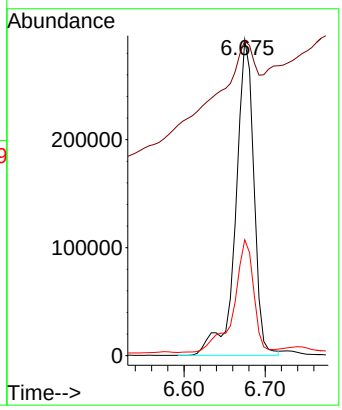


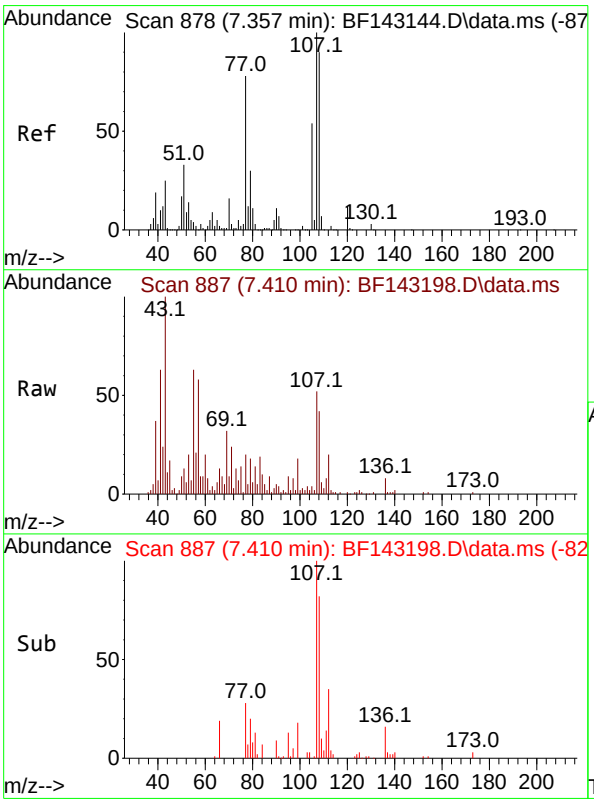
#7
Phenol-d6
Concen: 116.485 ng
RT: 6.675 min Scan# 7
Delta R.T. 0.088 min
Lab File: BF143198.D
Acq: 22 Jul 2025 19:51

Instrument :
BNA_F
ClientSampleId :
FRAC TANK

Tgt Ion: 99 Resp: 454882

Ion	Ratio	Lower	Upper
99	100		
42	99.6	17.0	25.6#
71	36.6	27.7	41.5

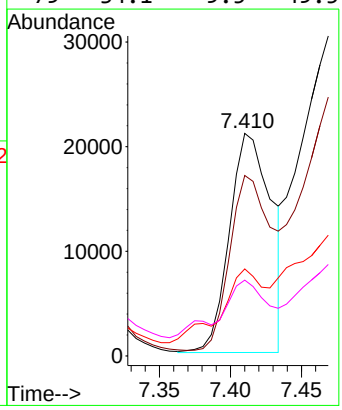


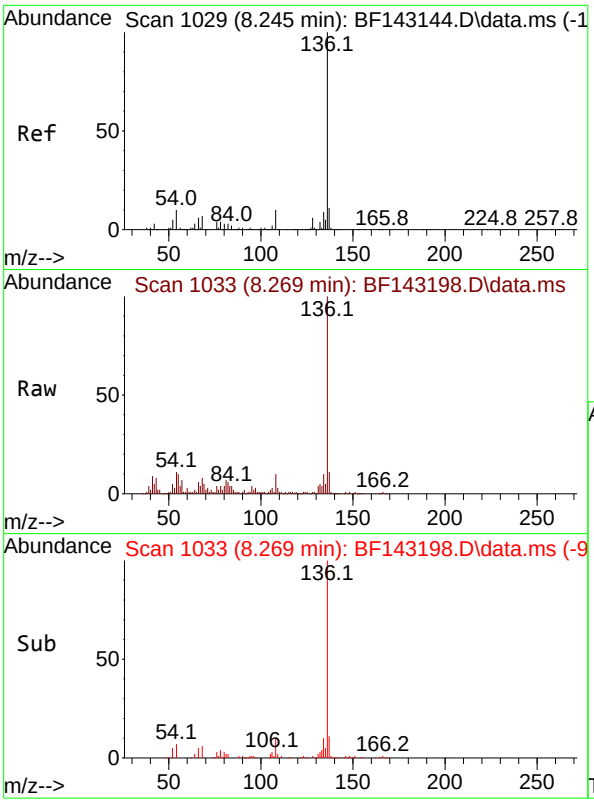


#20
3+4-Methylphenols
Concen: 13.004 ng
RT: 7.410 min Scan# 887
Delta R.T. 0.053 min
Lab File: BF143198.D
Acq: 22 Jul 2025 19:51

Tgt Ion:107 Resp: 43141

Ion	Ratio	Lower	Upper
107	100		
108	81.1	70.0	110.0
77	39.1	57.8	97.8#
79	34.1	9.5	49.5



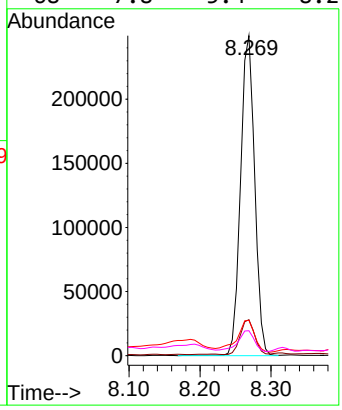


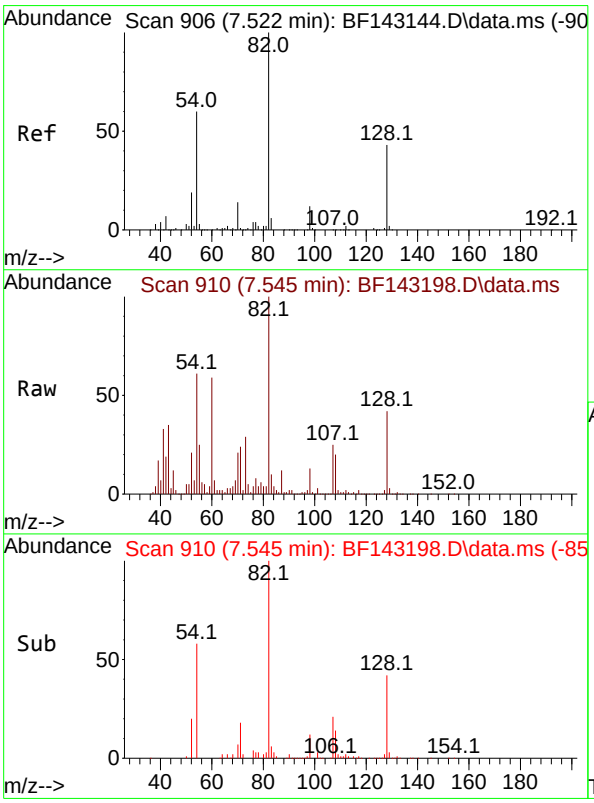
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.269 min Scan# 1
Delta R.T. 0.024 min
Lab File: BF143198.D
Acq: 22 Jul 2025 19:51

Instrument :
BNA_F
ClientSampleId :
FRAC TANK

Tgt Ion:136 Resp: 345774

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	11.1	8.2	12.2
68	7.8	5.4	8.2

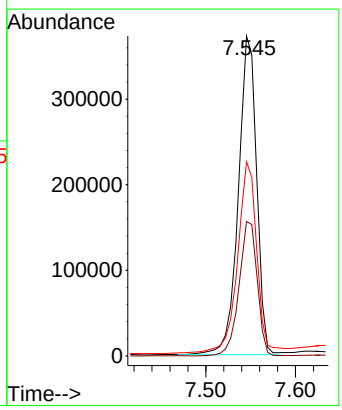


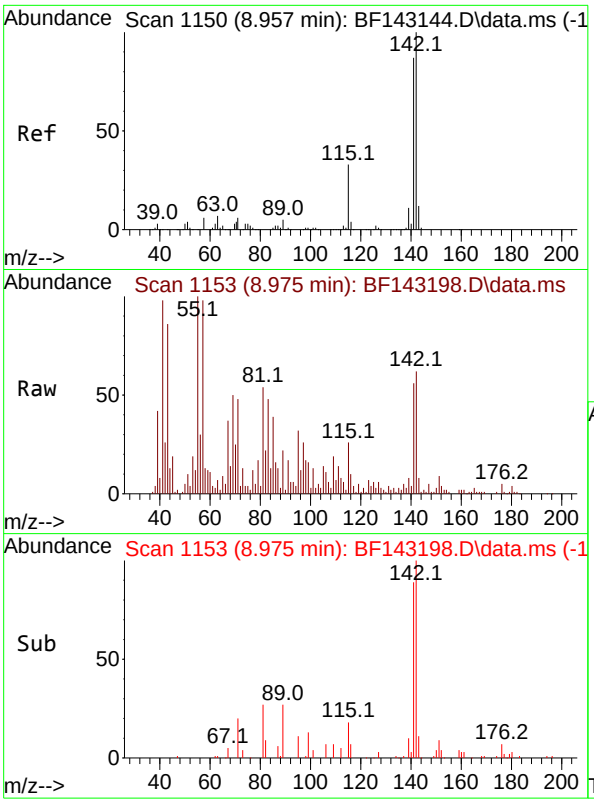


#23
Nitrobenzene-d5
Concen: 75.905 ng
RT: 7.545 min Scan# 910
Delta R.T. 0.024 min
Lab File: BF143198.D
Acq: 22 Jul 2025 19:51

Tgt Ion: 82 Resp: 526527

Ion	Ratio	Lower	Upper
82	100		
128	42.0	33.6	50.4
54	60.7	47.1	70.7



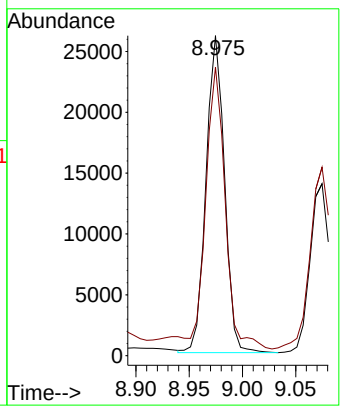


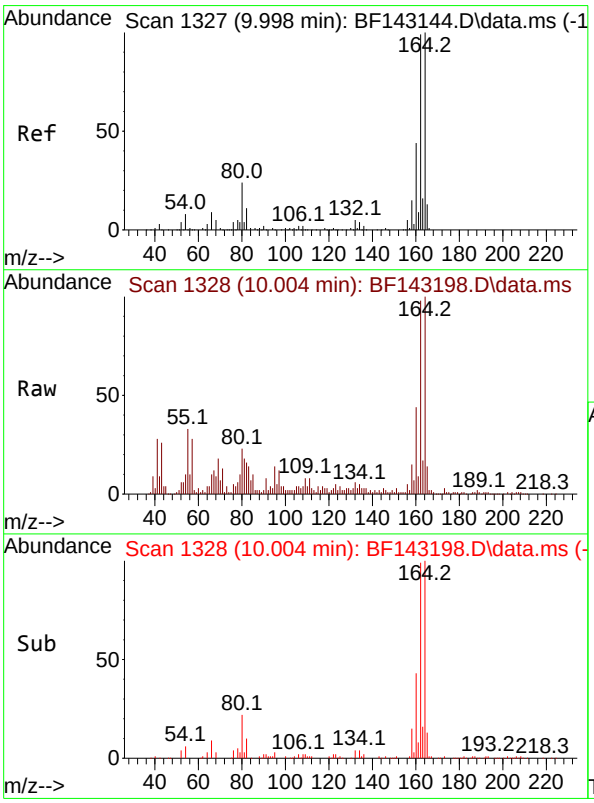
#37
2-Methylnaphthalene
Concen: 3.036 ng
RT: 8.975 min Scan# 11
Delta R.T. 0.018 min
Lab File: BF143198.D
Acq: 22 Jul 2025 19:51

Instrument :
BNA_F
ClientSampleId :
FRAC TANK

Tgt Ion:142 Resp: 31462

Ion	Ratio	Lower	Upper
142	100		
141	90.2	69.9	104.9

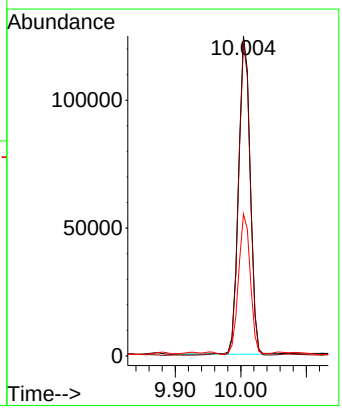


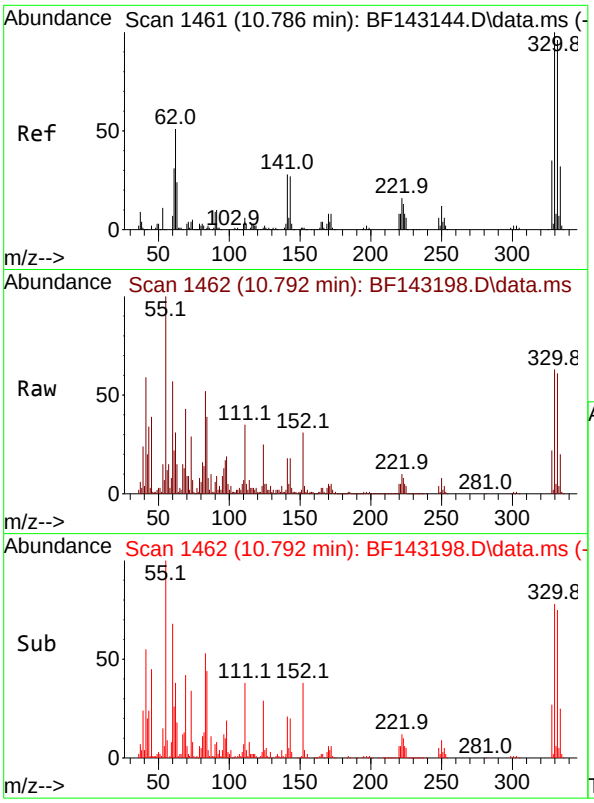


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1328
Delta R.T. 0.006 min
Lab File: BF143198.D
Acq: 22 Jul 2025 19:51

Tgt Ion:164 Resp: 154112

Ion	Ratio	Lower	Upper
164	100		
162	98.4	79.0	118.6
160	44.3	35.1	52.7



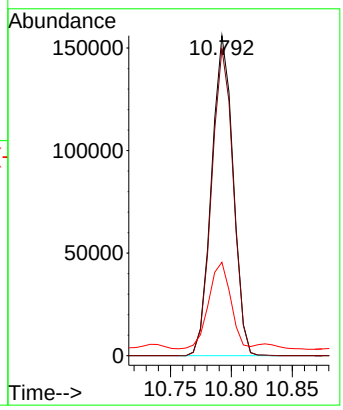


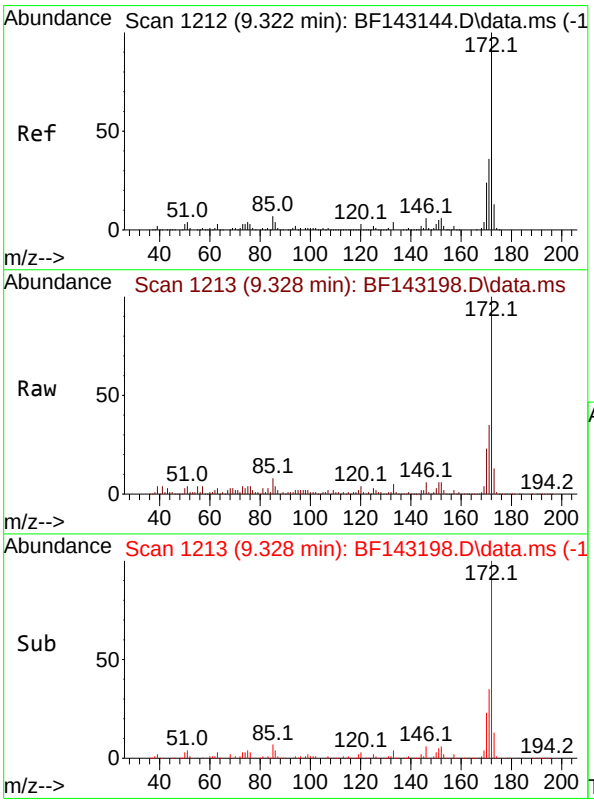
#42
2,4,6-Tribromophenol
Concen: 120.973 ng
RT: 10.792 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF143198.D
Acq: 22 Jul 2025 19:51

Instrument :
BNA_F
ClientSampleId :
FRAC TANK

Tgt Ion:330 Resp: 192596

Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.7	115.1
141	28.3	23.3	34.9

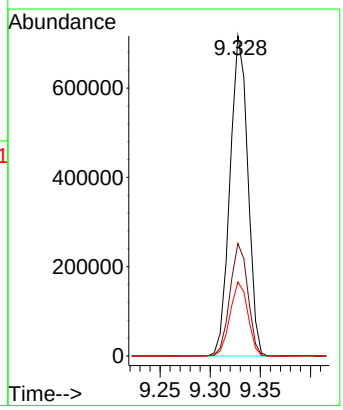


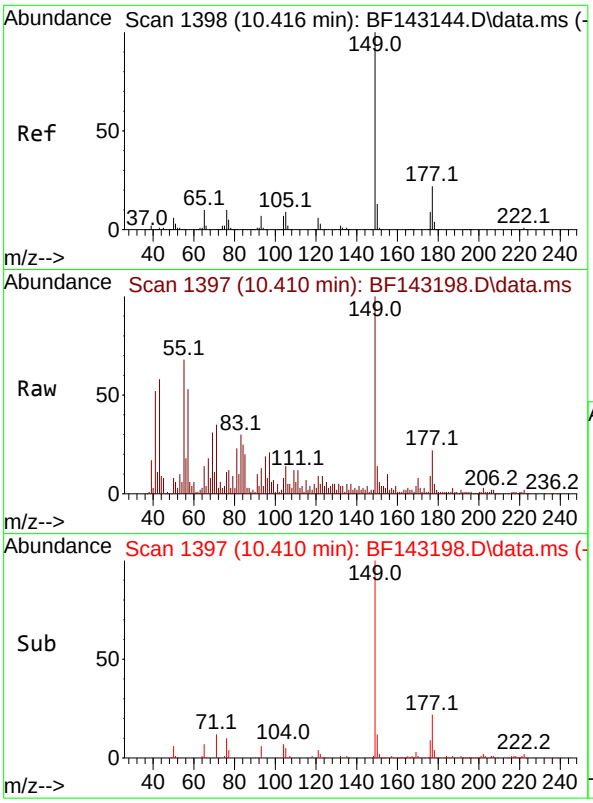


#45
2-Fluorobiphenyl
Concen: 78.597 ng
RT: 9.328 min Scan# 1213
Delta R.T. 0.006 min
Lab File: BF143198.D
Acq: 22 Jul 2025 19:51

Tgt Ion:172 Resp: 885683

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.6	42.8
170	23.1	18.8	28.2



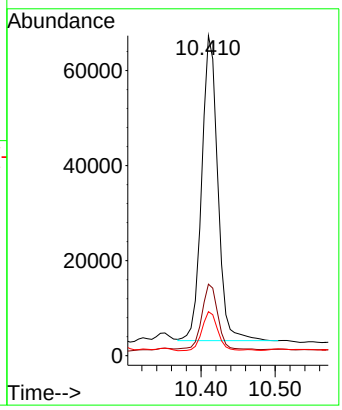


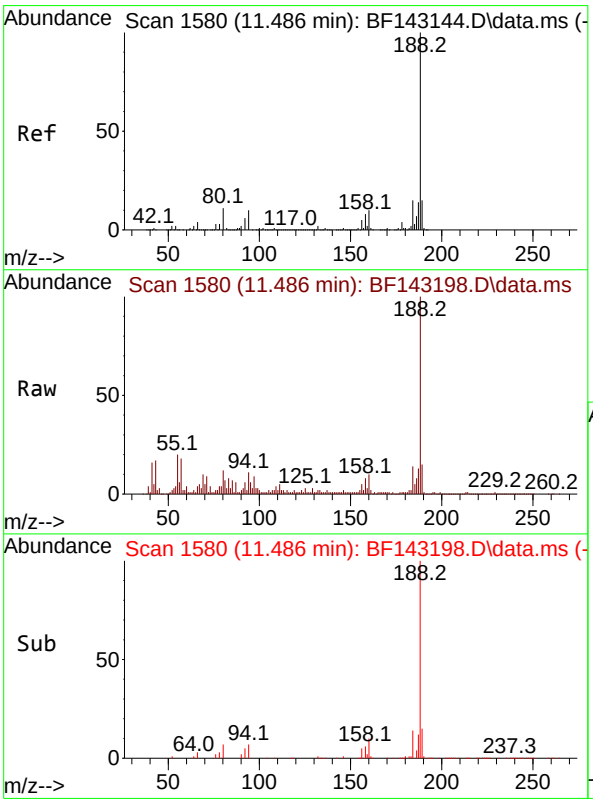
#60
Diethylphthalate
Concen: 9.789 ng
RT: 10.410 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143198.D
Acq: 22 Jul 2025 19:51

Instrument :
BNA_F
ClientSampleId :
FRAC TANK

Tgt Ion:149 Resp: 97198

Ion	Ratio	Lower	Upper
149	100		
177	22.4	17.5	26.3
150	13.7	10.2	15.2

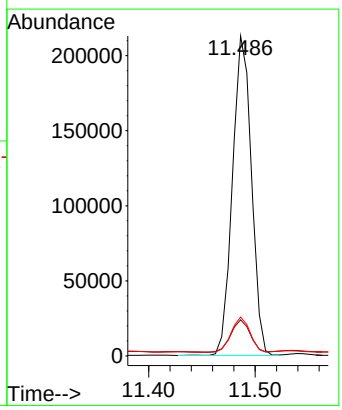


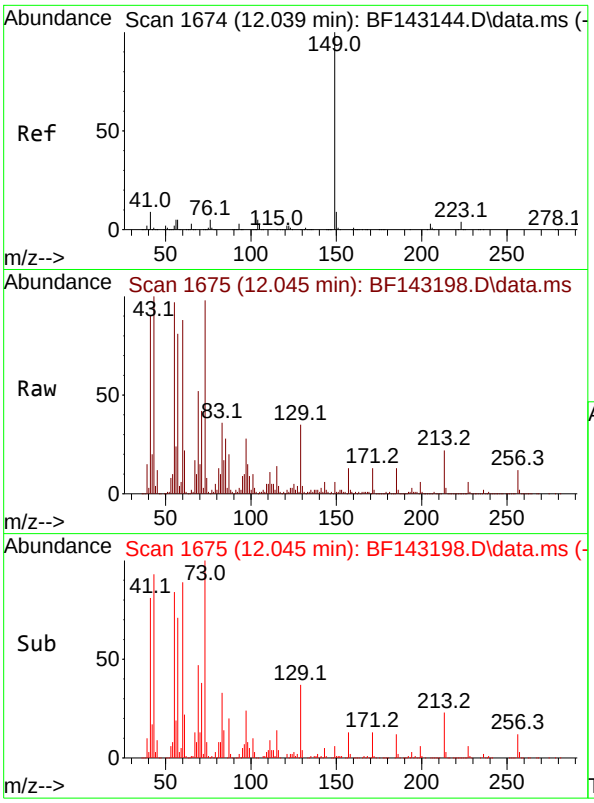


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF143198.D
Acq: 22 Jul 2025 19:51

Tgt Ion:188 Resp: 263977

Ion	Ratio	Lower	Upper
188	100		
94	11.3	8.3	12.5
80	12.1	9.0	13.6



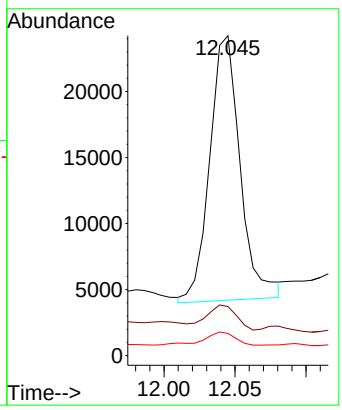


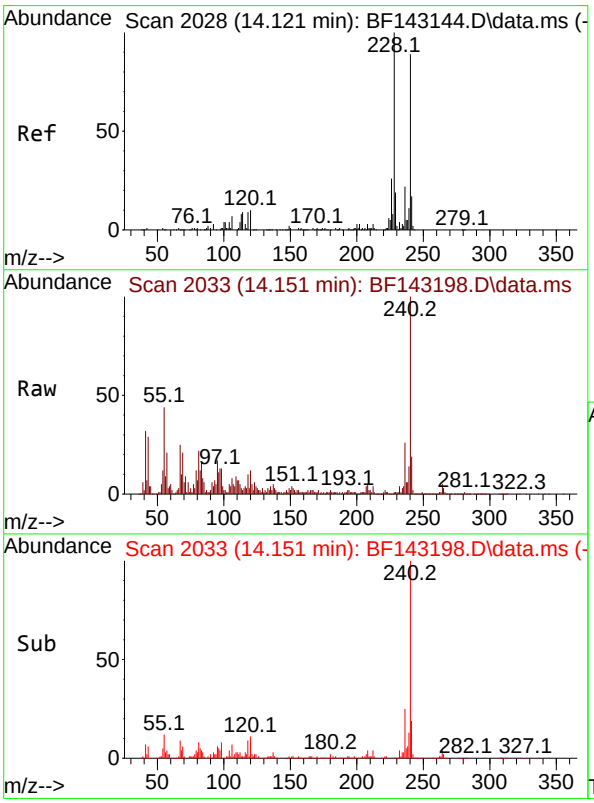
#74
Di-n-butylphthalate
Concen: 2.121 ng
RT: 12.045 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143198.D
Acq: 22 Jul 2025 19:51

Instrument :
BNA_F
ClientSampleId :
FRAC TANK

Tgt Ion:149 Resp: 29957

Ion	Ratio	Lower	Upper
149	100		
150	15.4	7.4	11.2#
104	7.0	3.8	5.8#

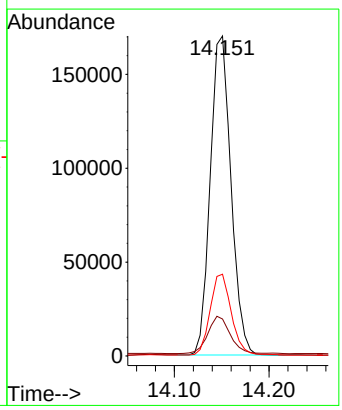


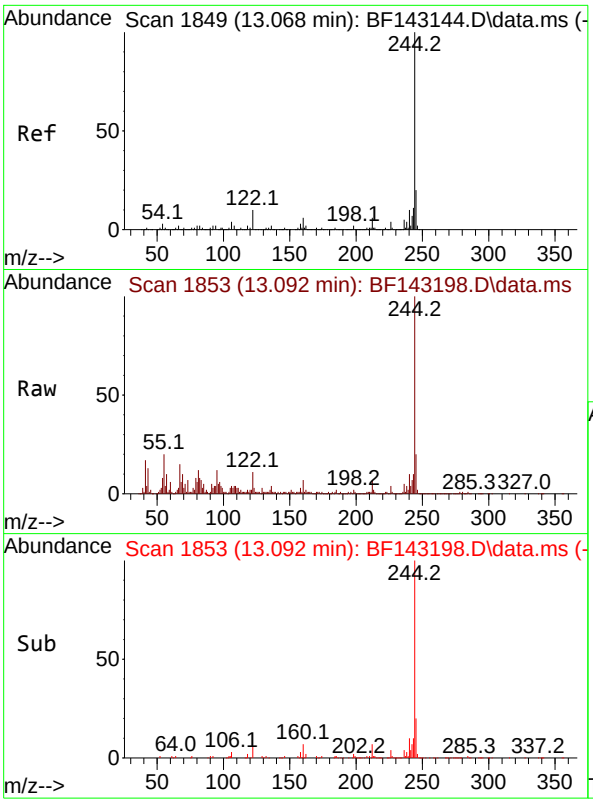


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.151 min Scan# 2033
Delta R.T. 0.029 min
Lab File: BF143198.D
Acq: 22 Jul 2025 19:51

Tgt Ion:240 Resp: 258410

Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.4	14.2
236	25.5	20.2	30.4



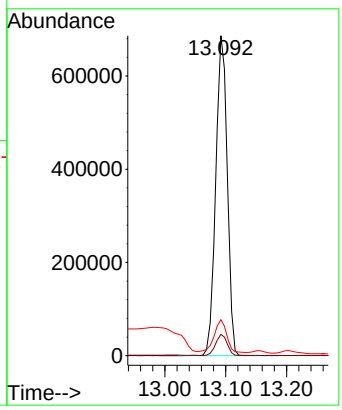


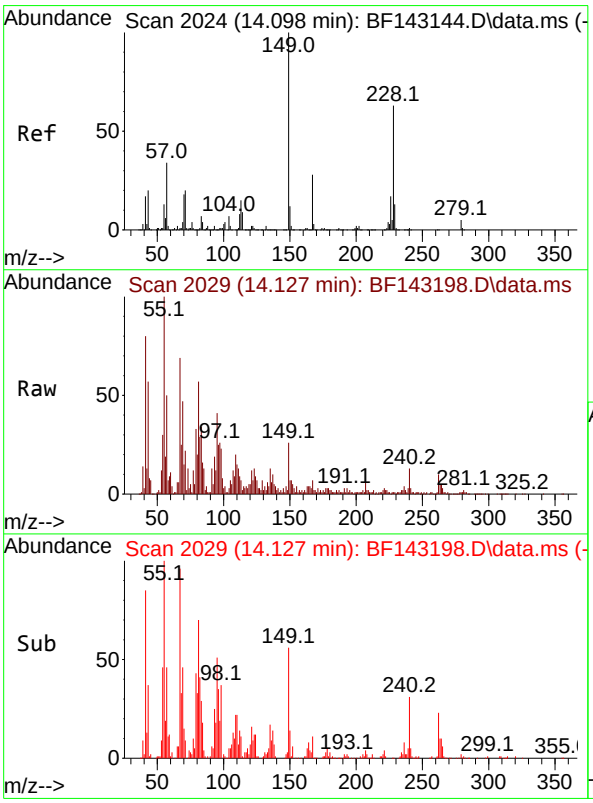
#79
Terphenyl-d14
Concen: 51.873 ng
RT: 13.092 min Scan# 1
Delta R.T. 0.024 min
Lab File: BF143198.D
Acq: 22 Jul 2025 19:51

Instrument :
BNA_F
ClientSampleId :
FRAC TANK

Tgt Ion:244 Resp: 900783

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.2	7.8
122	11.2	8.2	12.2

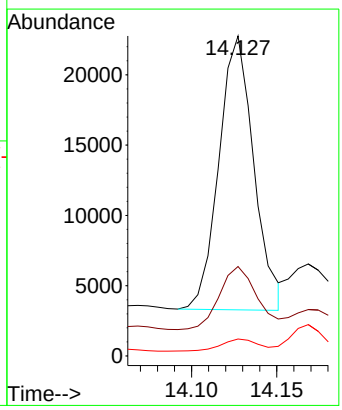


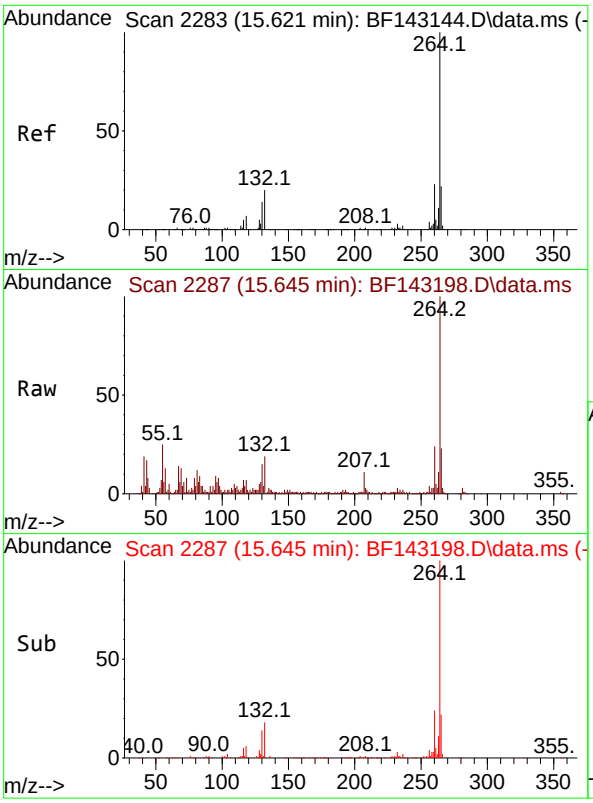


#84
Bis(2-ethylhexyl)phthalate
Concen: 2.715 ng
RT: 14.127 min Scan# 2029
Delta R.T. 0.029 min
Lab File: BF143198.D
Acq: 22 Jul 2025 19:51

Tgt Ion:149 Resp: 27750

Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.3	33.5
279	5.3	3.6	5.4



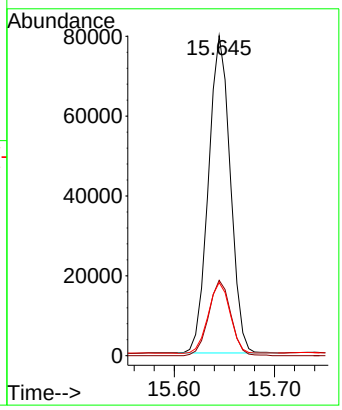


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.645 min Scan# 2
Delta R.T. 0.024 min
Lab File: BF143198.D
Acq: 22 Jul 2025 19:51

Instrument :
BNA_F
ClientSampleId :
FRAC TANK

Tgt Ion:264 Resp: 120241

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.5	27.7
265	22.9	17.4	26.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143190.D
Acq On : 22 Jul 2025 15:52
Operator : RC/JU
Sample : PB168954BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168954BL

Quant Time: Jul 22 16:39:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

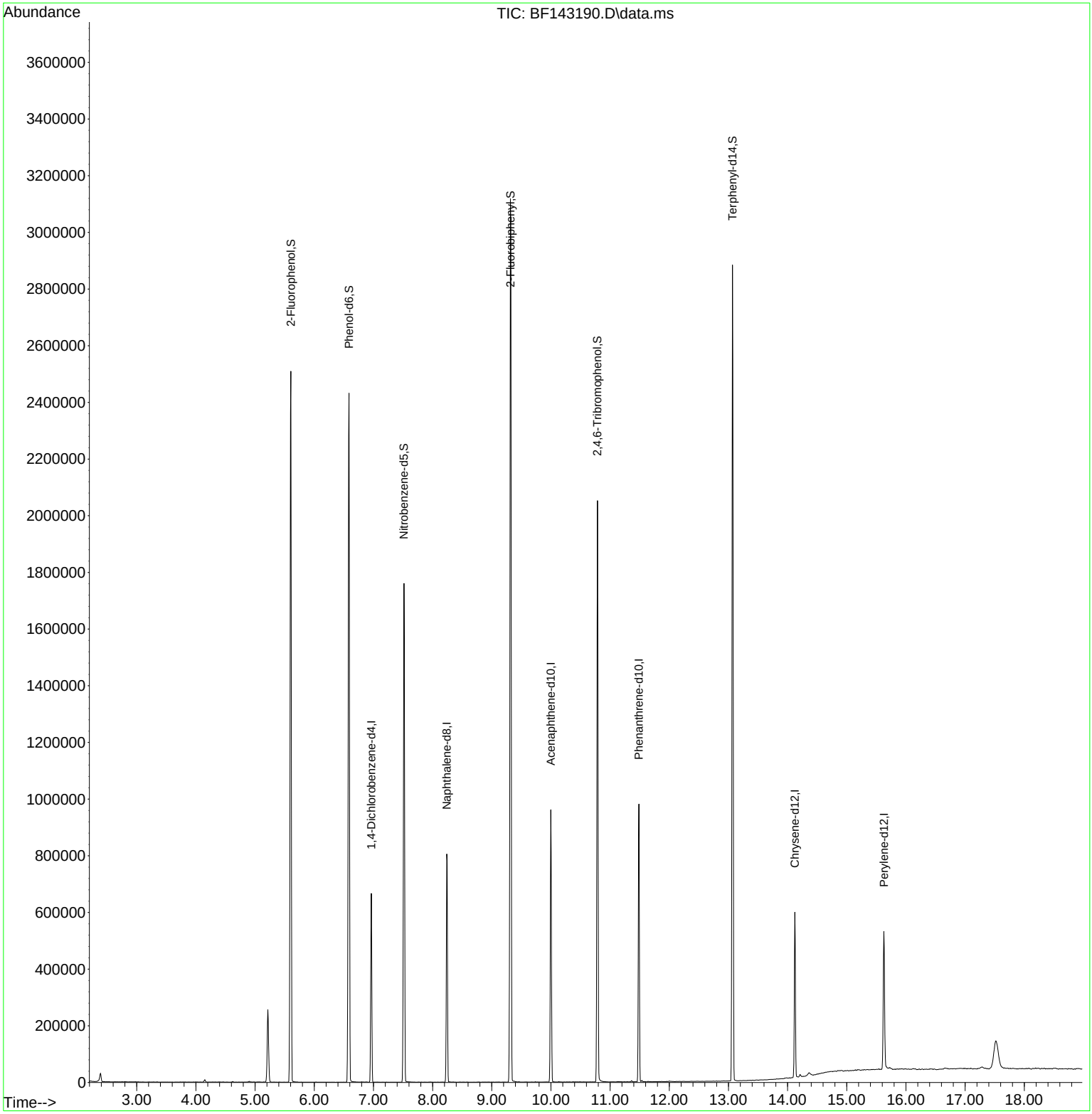
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	132474	20.000	ng	0.00
21) Naphthalene-d8	8.240	136	517206	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	278568	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	486814	20.000	ng	0.00
76) Chrysene-d12	14.121	240	272386	20.000	ng	0.00
86) Perylene-d12	15.627	264	282193	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.604	112	954778	114.053	ng	0.02
7) Phenol-d6	6.587	99	1218388	115.630	ng	0.00
23) Nitrobenzene-d5	7.516	82	805087	77.592	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	368725	128.129	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1492676	73.283	ng	0.00
79) Terphenyl-d14	13.069	244	1417024	77.415	ng	0.00
Target Compounds						Qvalue

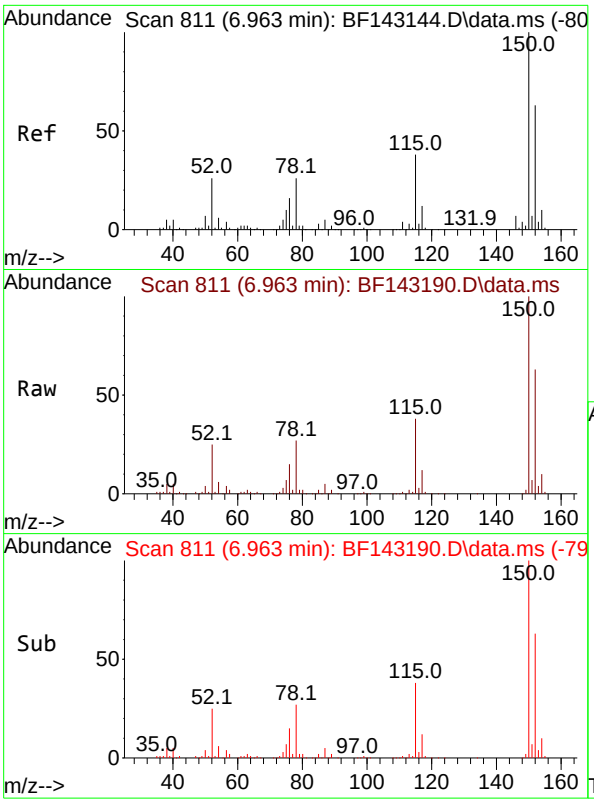
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143190.D
Acq On : 22 Jul 2025 15:52
Operator : RC/JU
Sample : PB168954BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168954BL

Quant Time: Jul 22 16:39:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration



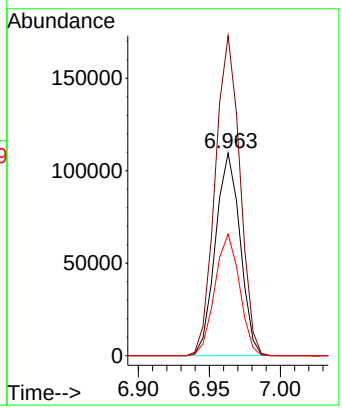


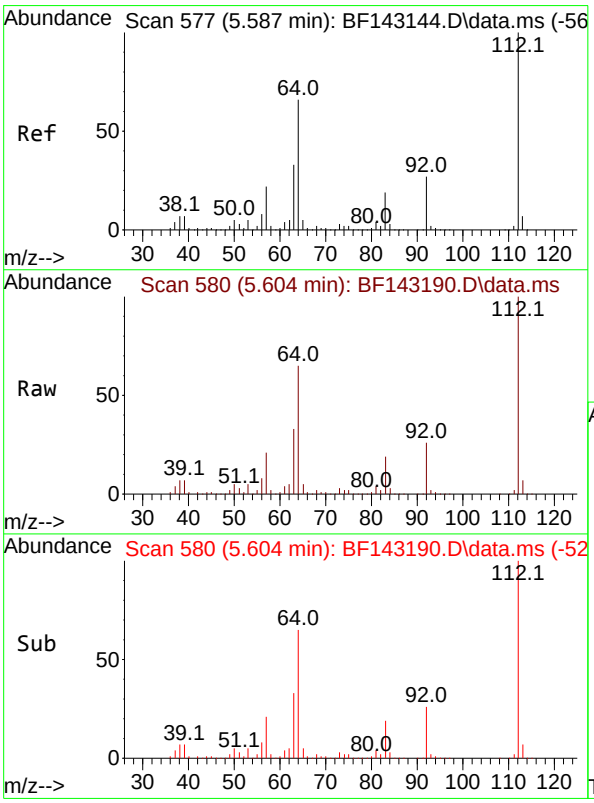
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143190.D
Acq: 22 Jul 2025 15:52

Instrument :
BNA_F
ClientSampleId :
PB168954BL

Tgt Ion:152 Resp: 132474

Ion	Ratio	Lower	Upper
152	100		
150	158.0	128.2	192.4
115	60.0	47.9	71.9

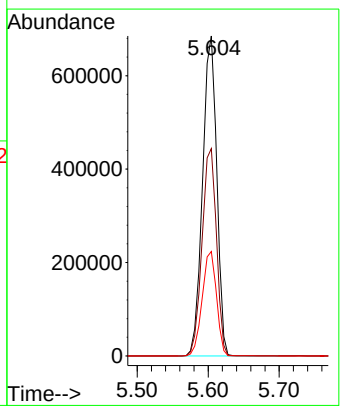


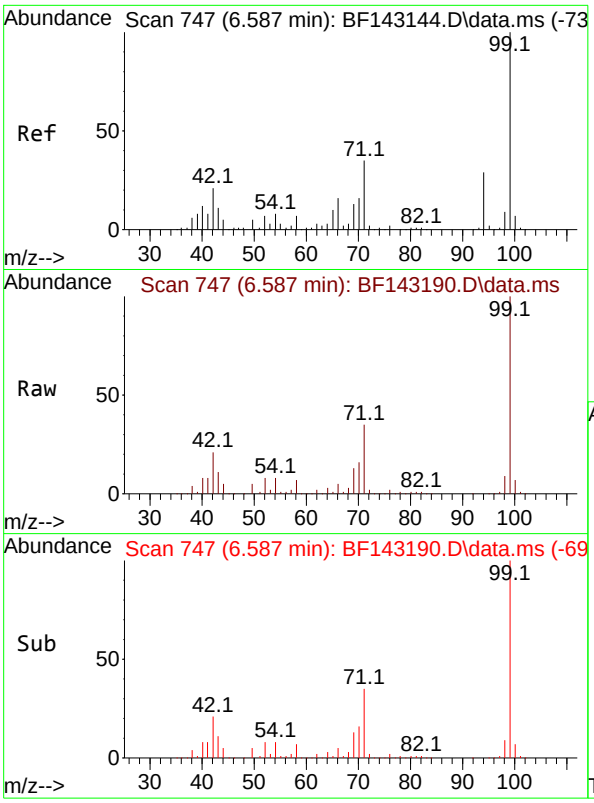


#5
2-Fluorophenol
Concen: 114.053 ng
RT: 5.604 min Scan# 580
Delta R.T. 0.018 min
Lab File: BF143190.D
Acq: 22 Jul 2025 15:52

Tgt Ion:112 Resp: 954778

Ion	Ratio	Lower	Upper
112	100		
64	64.8	53.1	79.7
63	32.7	26.6	40.0



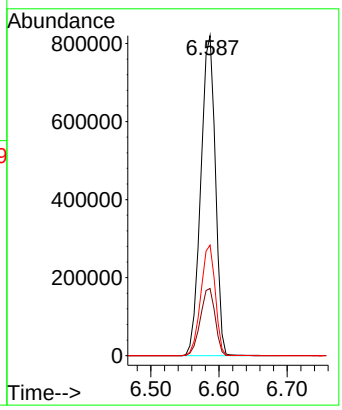


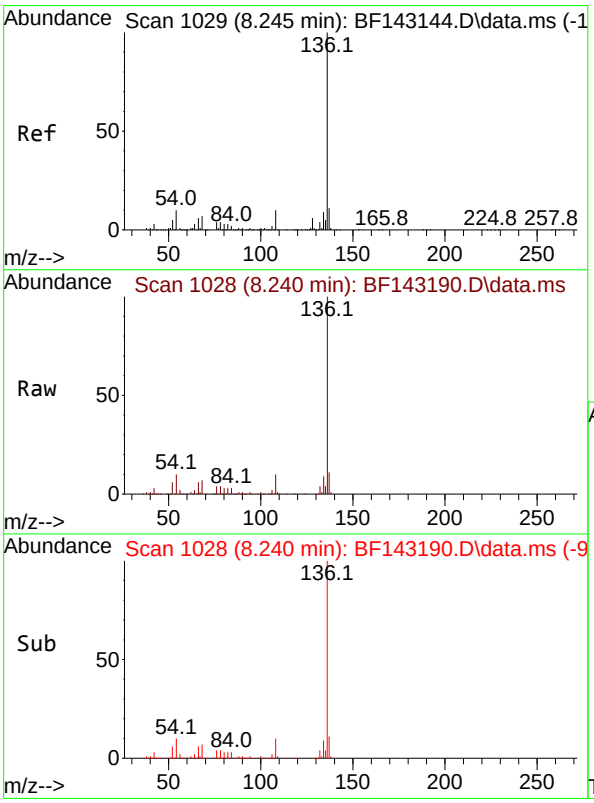
#7
Phenol-d6
Concen: 115.630 ng
RT: 6.587 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143190.D
Acq: 22 Jul 2025 15:52

Instrument :
BNA_F
ClientSampleId :
PB168954BL

Tgt Ion: 99 Resp: 1218388

Ion	Ratio	Lower	Upper
99	100		
42	21.0	17.0	25.6
71	34.6	27.7	41.5

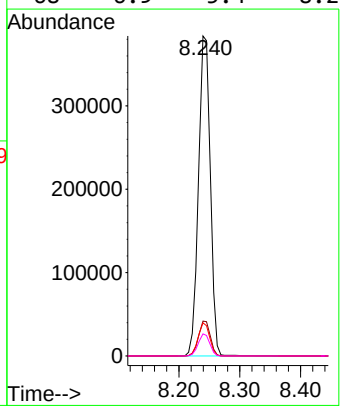


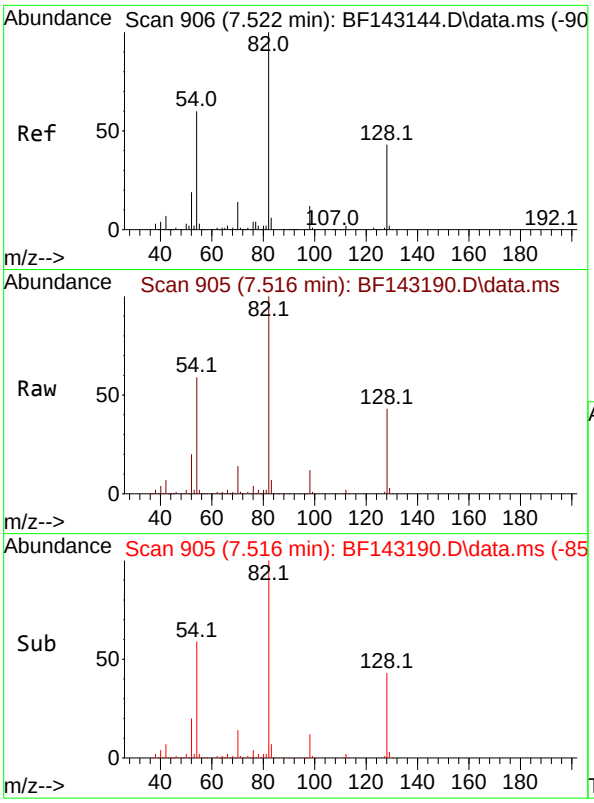


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.240 min Scan# 1028
Delta R.T. -0.005 min
Lab File: BF143190.D
Acq: 22 Jul 2025 15:52

Tgt Ion:136 Resp: 517206

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	10.3	8.2	12.2
68	6.9	5.4	8.2



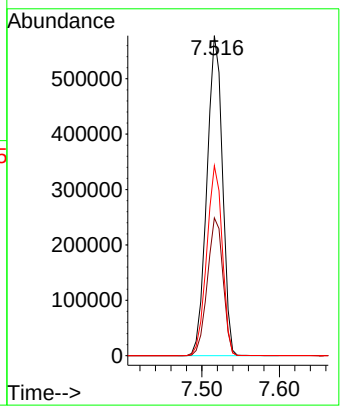


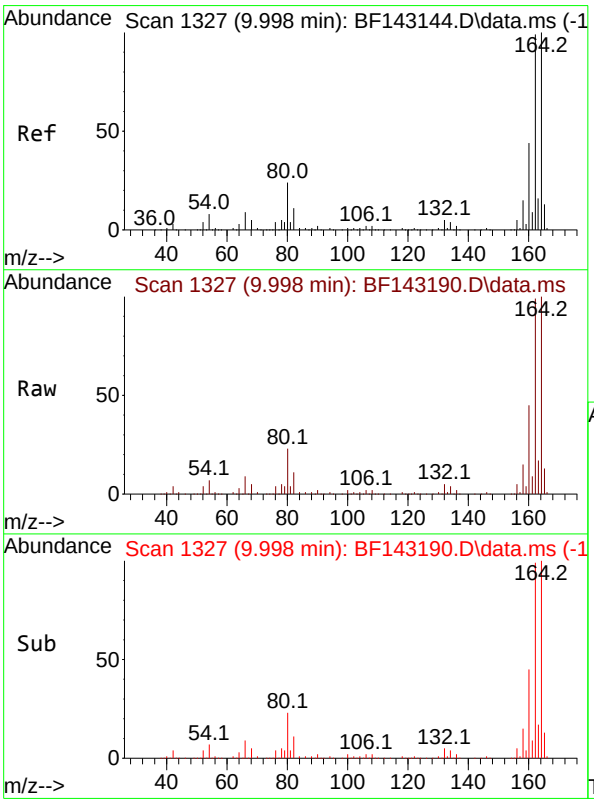
#23
Nitrobenzene-d5
Concen: 77.592 ng
RT: 7.516 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143190.D
Acq: 22 Jul 2025 15:52

Instrument :
BNA_F
ClientSampleId :
PB168954BL

Tgt Ion: 82 Resp: 805087

Ion	Ratio	Lower	Upper
82	100		
128	43.1	33.6	50.4
54	59.4	47.1	70.7

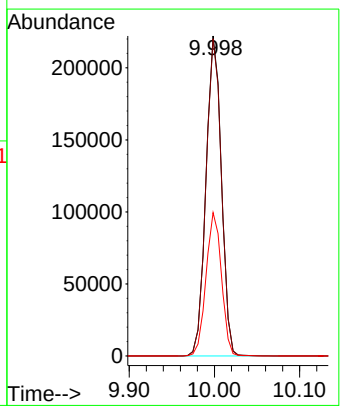


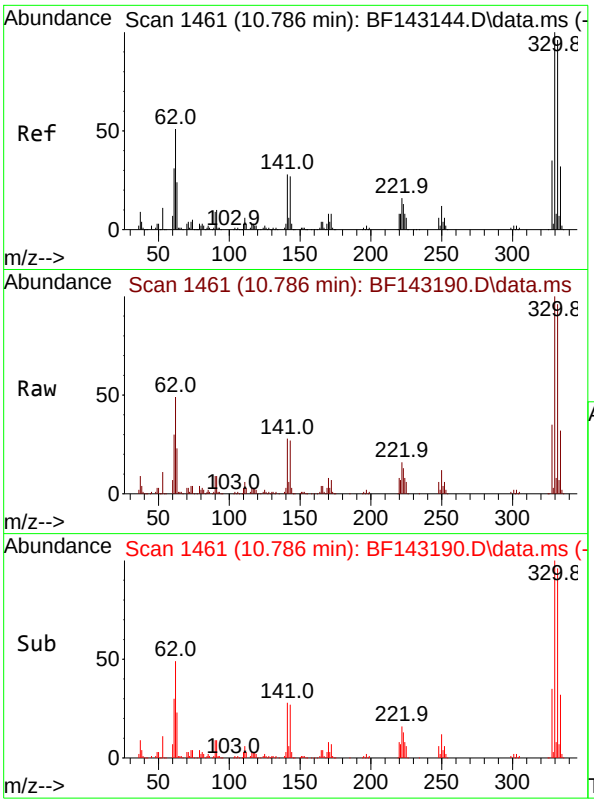


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF143190.D
Acq: 22 Jul 2025 15:52

Tgt Ion:164 Resp: 278568

Ion	Ratio	Lower	Upper
164	100		
162	99.1	79.0	118.6
160	44.8	35.1	52.7



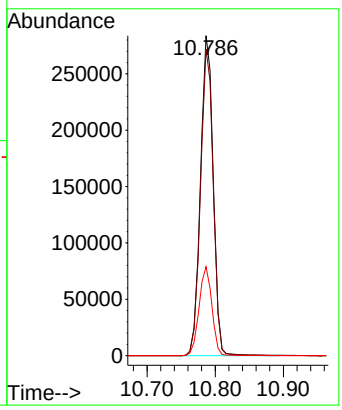


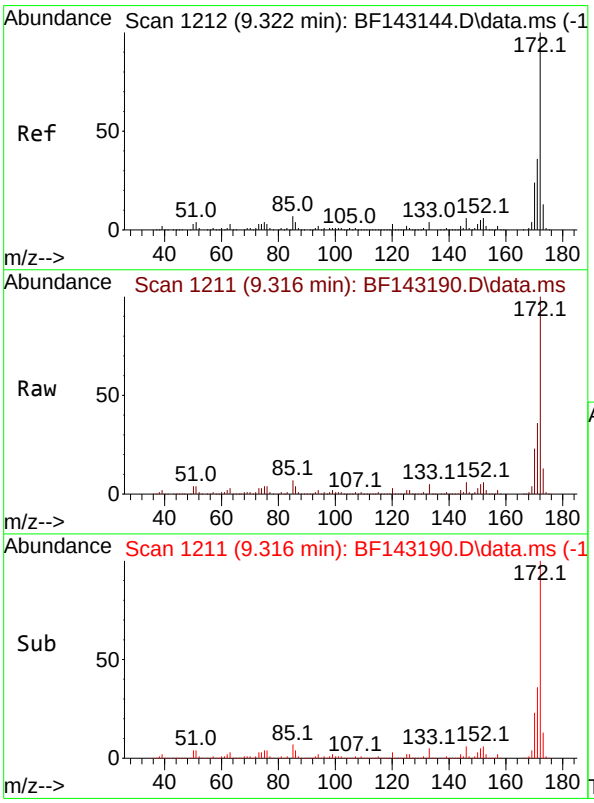
#42
2,4,6-Tribromophenol
Concen: 128.129 ng
RT: 10.786 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143190.D
Acq: 22 Jul 2025 15:52

Instrument :
BNA_F
ClientSampleId :
PB168954BL

Tgt Ion:330 Resp: 368725

Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.7	115.1
141	27.9	23.3	34.9

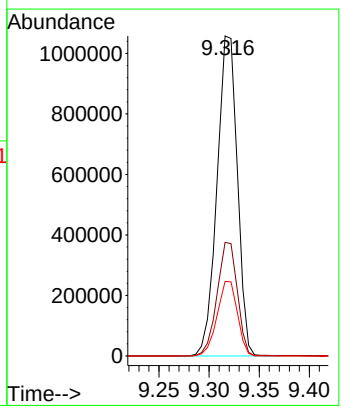


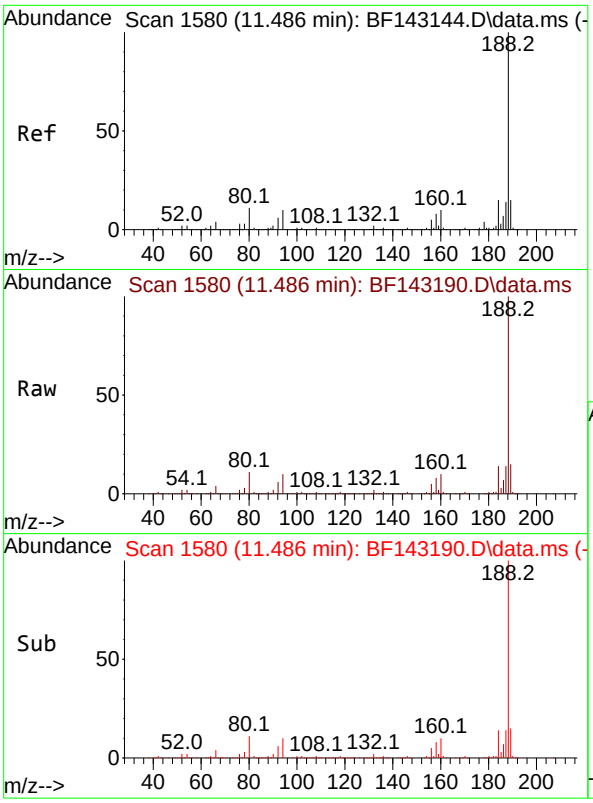


#45
2-Fluorobiphenyl
Concen: 73.283 ng
RT: 9.316 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF143190.D
Acq: 22 Jul 2025 15:52

Tgt Ion:172 Resp: 1492676

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	42.8
170	23.3	18.8	28.2



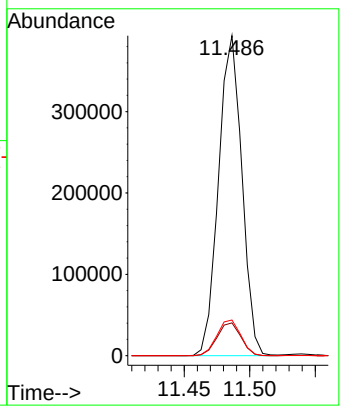


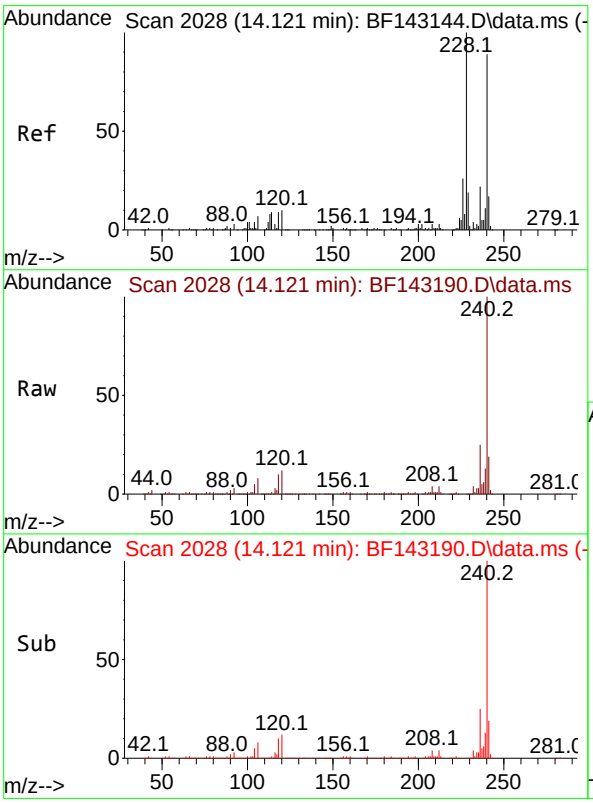
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143190.D
Acq: 22 Jul 2025 15:52

Instrument :
BNA_F
ClientSampleId :
PB168954BL

Tgt Ion:188 Resp: 486814

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.3	12.5
80	11.2	9.0	13.6

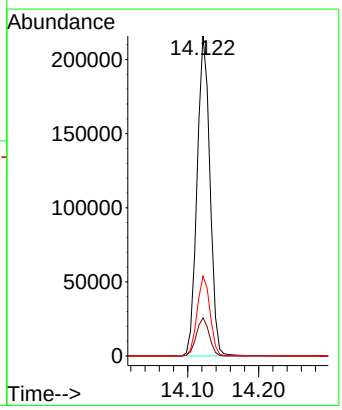


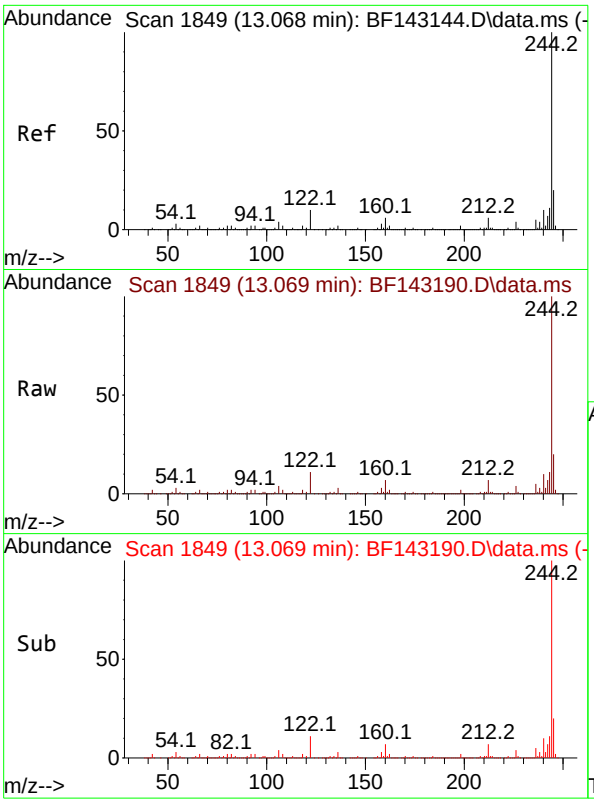


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF143190.D
Acq: 22 Jul 2025 15:52

Tgt Ion:240 Resp: 272386

Ion	Ratio	Lower	Upper
240	100		
120	11.9	9.4	14.2
236	25.0	20.2	30.4



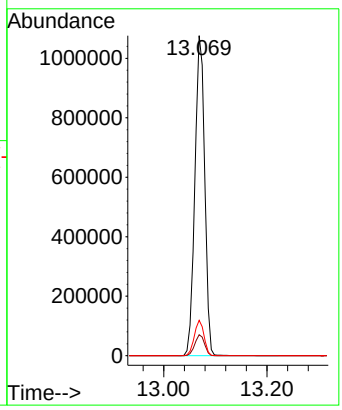


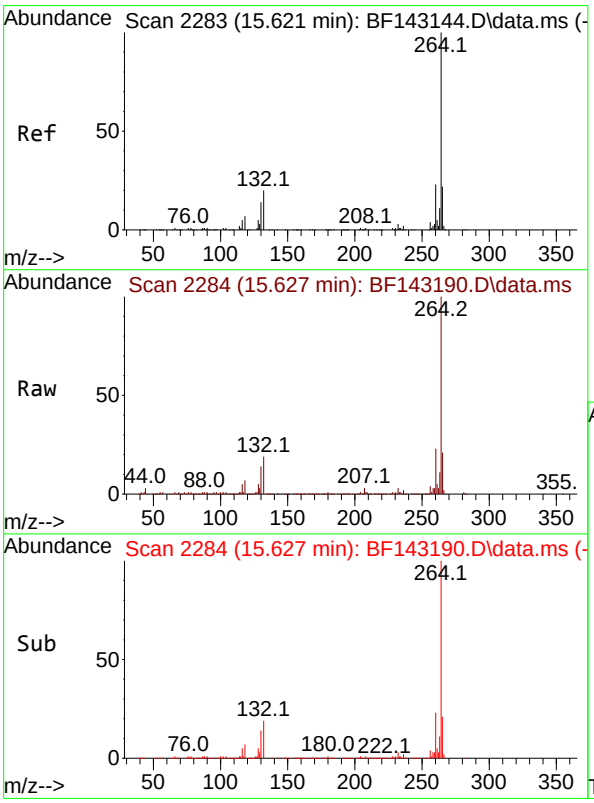
#79
Terphenyl-d14
Concen: 77.415 ng
RT: 13.069 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143190.D
Acq: 22 Jul 2025 15:52

Instrument :
BNA_F
ClientSampleId :
PB168954BL

Tgt Ion:244 Resp: 1417024

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.2	7.8
122	11.1	8.2	12.2

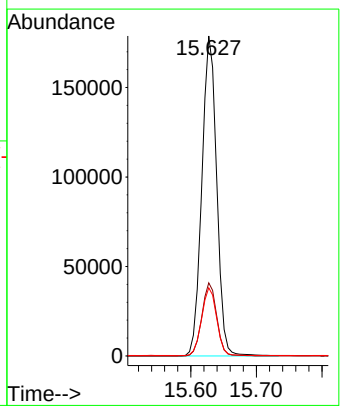




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.627 min Scan# 2284
Delta R.T. 0.006 min
Lab File: BF143190.D
Acq: 22 Jul 2025 15:52

Tgt Ion:264 Resp: 282193

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.5	27.7
265	21.3	17.4	26.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143213.D
Acq On : 23 Jul 2025 16:00
Operator : RC/JU
Sample : PB168954BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 23 16:22:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB168954BS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	127773	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	503486	20.000	ng		0.00
39) Acenaphthene-d10	10.004	164	265187	20.000	ng		0.00
64) Phenanthrene-d10	11.486	188	449718	20.000	ng		0.00
76) Chrysene-d12	14.127	240	253510	20.000	ng		0.00
86) Perylene-d12	15.627	264	261797	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.610	112	916900	113.558	ng		0.02
7) Phenol-d6	6.598	99	1153015	113.452	ng		0.01
23) Nitrobenzene-d5	7.522	82	828442	82.019	ng		0.00
42) 2,4,6-Tribromophenol	10.792	330	344125	125.615	ng		0.00
45) 2-Fluorobiphenyl	9.322	172	1475069	76.072	ng		0.00
79) Terphenyl-d14	13.069	244	1407338	82.611	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.910	88	132471	34.673	ng		100
3) Pyridine	3.657	79	366838	36.993	ng		99
4) n-Nitrosodimethylamine	3.604	42	215046	42.002	ng		98
6) Aniline	6.628	93	453418	32.012	ng		98
8) 2-Chlorophenol	6.751	128	371590	43.905	ng		98
9) Benzaldehyde	6.510	77	245056	32.156	ng		98
10) Phenol	6.610	94	469882	42.440	ng		87
11) bis(2-Chloroethyl)ether	6.693	93	357840	42.212	ng		100
12) 1,3-Dichlorobenzene	6.910	146	386199	42.005	ng		99
13) 1,4-Dichlorobenzene	6.981	146	393397	42.488	ng		99
14) 1,2-Dichlorobenzene	7.134	146	380909	43.254	ng		100
15) Benzyl Alcohol	7.098	79	349759	45.072	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.234	45	660695	42.015	ng		97
17) 2-Methylphenol	7.216	107	312356	43.893	ng		98
18) Hexachloroethane	7.481	117	142004	44.303	ng		99
19) n-Nitroso-di-n-propyla...	7.375	70	275552	42.261	ng		100
20) 3+4-Methylphenols	7.363	107	368857	42.722	ng	#	80
22) Acetophenone	7.369	105	498995	41.862	ng		96
24) Nitrobenzene	7.540	77	416358	44.214	ng		98
25) Isophorone	7.781	82	767871	43.064	ng		99
26) 2-Nitrophenol	7.857	139	202876	49.640	ng		100
27) 2,4-Dimethylphenol	7.892	122	353154	42.392	ng		98
28) bis(2-Chloroethoxy)met...	7.987	93	454347	42.499	ng		99
29) 2,4-Dichlorophenol	8.098	162	308890	43.967	ng		99
30) 1,2,4-Trichlorobenzene	8.187	180	329323	43.389	ng		100
31) Naphthalene	8.269	128	1076778	43.425	ng		99
32) Benzoic acid	8.010	122	237583	50.344	ng		98
33) 4-Chloroaniline	8.304	127	151427	14.956	ng		99
34) Hexachlorobutadiene	8.387	225	204807	44.172	ng		99
35) Caprolactam	8.675	113	104609m	49.274	ng		
36) 4-Chloro-3-methylphenol	8.792	107	348866	45.686	ng		99
37) 2-Methylnaphthalene	8.957	142	658532	43.644	ng		100
38) 1-Methylnaphthalene	9.057	142	675295	43.462	ng		100
40) 1,2,4,5-Tetrachloroben...	9.128	216	321264	41.961	ng		99
41) Hexachlorocyclopentadiene	9.116	237	448113	89.952	ng		100
43) 2,4,6-Trichlorophenol	9.234	196	236950	44.718	ng		100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143213.D
Acq On : 23 Jul 2025 16:00
Operator : RC/JU
Sample : PB168954BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 23 16:22:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB168954BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	236712	44.660	ng		98
46) 1,1'-Biphenyl	9.422	154	896929	43.351	ng		100
47) 2-Chloronaphthalene	9.445	162	657554	42.952	ng		100
48) 2-Nitroaniline	9.534	65	230570	48.027	ng		97
49) Acenaphthylene	9.863	152	1113812	43.414	ng		100
50) Dimethylphthalate	9.716	163	786201	45.483	ng		100
51) 2,6-Dinitrotoluene	9.775	165	173323	49.290	ng		99
52) Acenaphthene	10.039	154	721953	47.611	ng		97
53) 3-Nitroaniline	9.945	138	124269	30.214	ng		96
54) 2,4-Dinitrophenol	10.051	184	177281	108.635	ng	#	1
55) Dibenzofuran	10.210	168	965446	42.884	ng		100
56) 4-Nitrophenol	10.104	139	288911	94.066	ng		98
57) 2,4-Dinitrotoluene	10.181	165	233822	53.000	ng		96
58) Fluorene	10.551	166	747219	44.223	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.322	232	189277	43.109	ng		98
60) Diethylphthalate	10.422	149	789791	46.227	ng		99
61) 4-Chlorophenyl-phenyle...	10.539	204	374523	44.515	ng		99
62) 4-Nitroaniline	10.563	138	175257	49.717	ng		98
63) Azobenzene	10.698	77	780361	43.824	ng		100
65) 4,6-Dinitro-2-methylph...	10.592	198	120214	50.654	ng		96
66) n-Nitrosodiphenylamine	10.657	169	669884	42.301	ng		100
67) 4-Bromophenyl-phenylether	11.028	248	233035	43.481	ng		98
68) Hexachlorobenzene	11.104	284	245838	43.886	ng		98
69) Atrazine	11.180	200	213830	48.978	ng		99
70) Pentachlorophenol	11.292	266	203492	61.771	ng		99
71) Phenanthrene	11.516	178	1030740	43.166	ng		99
72) Anthracene	11.563	178	1059988	43.525	ng		100
73) Carbazole	11.716	167	945375	44.456	ng		100
74) Di-n-butylphthalate	12.039	149	1168492	48.562	ng		100
75) Fluoranthene	12.698	202	1021799	46.620	ng		99
77) Benzidine	12.810	184	430639	44.091	ng		99
78) Pyrene	12.927	202	1010330	46.697	ng		100
80) Butylbenzylphthalate	13.539	149	392773	59.285	ng		98
81) Benzo(a)anthracene	14.116	228	764664	45.053	ng		100
82) 3,3'-Dichlorobenzidine	14.069	252	126532	22.368	ng		97
83) Chrysene	14.151	228	680186	44.573	ng		100
84) Bis(2-ethylhexyl)phtha...	14.098	149	515251	51.382	ng		100
85) Di-n-octyl phthalate	14.716	149	825088	45.393	ng		99
87) Indeno(1,2,3-cd)pyrene	17.168	276	840404	45.525	ng		99
88) Benzo(b)fluoranthene	15.186	252	713448	44.609	ng		99
89) Benzo(k)fluoranthene	15.215	252	663116	46.464	ng		99
90) Benzo(a)pyrene	15.563	252	672961	45.669	ng		99
91) Dibenzo(a,h)anthracene	17.192	278	679016	45.191	ng		98
92) Benzo(g,h,i)perylene	17.639	276	671436	46.196	ng		99

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

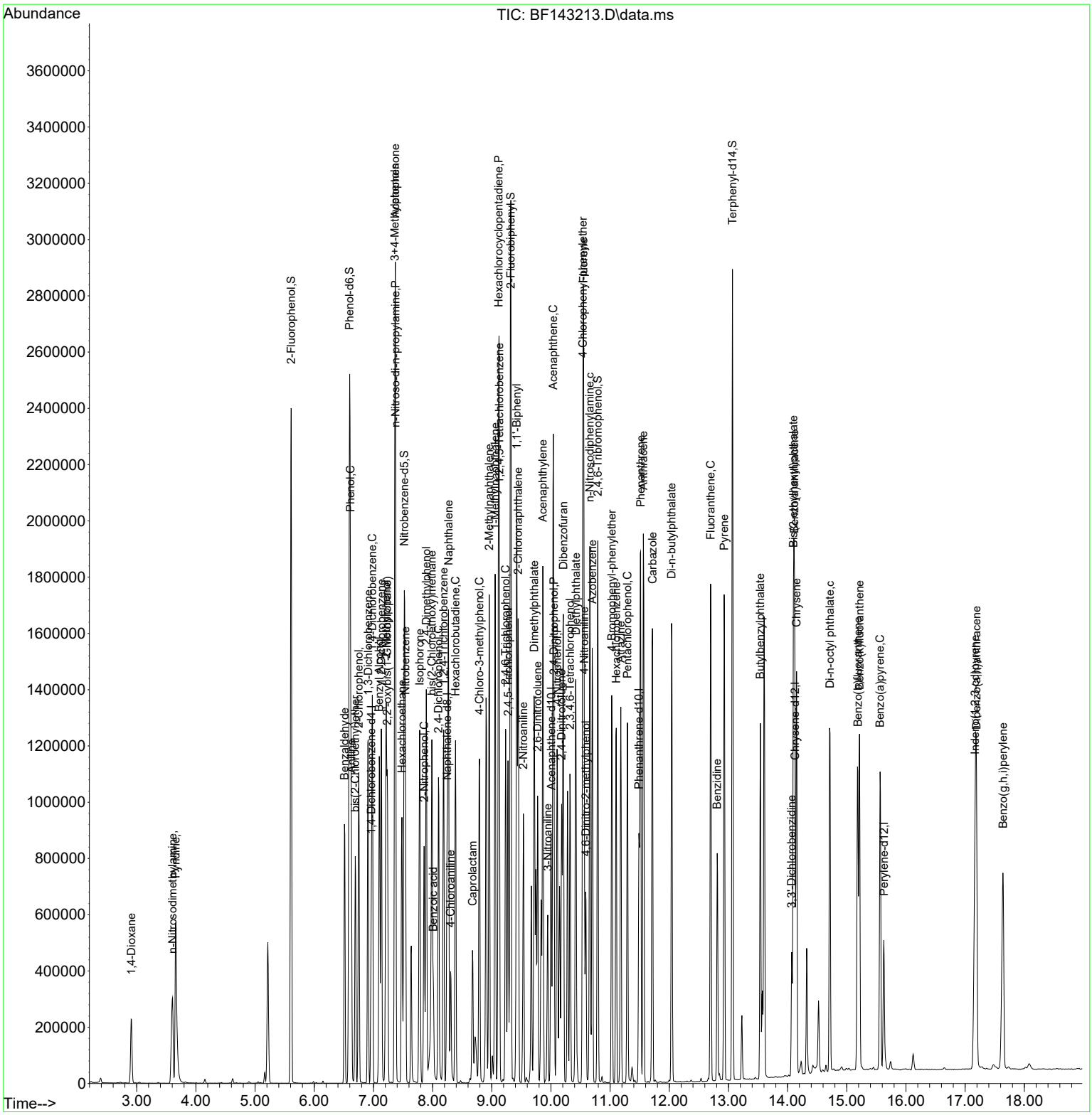
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143213.D
Acq On : 23 Jul 2025 16:00
Operator : RC/JU
Sample : PB168954BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 23 16:22:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB168954BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143199.D
Acq On : 22 Jul 2025 20:20
Operator : RC/JU
Sample : Q2646-03MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 23 04:52:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
FRAC TANKMS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.986	152	106919	20.000	ng		0.02
21) Naphthalene-d8	8.263	136	403875	20.000	ng		0.02
39) Acenaphthene-d10	10.010	164	174208	20.000	ng		0.01
64) Phenanthrene-d10	11.492	188	273501	20.000	ng		0.00
76) Chrysene-d12	14.151	240	256851	20.000	ng		0.03
86) Perylene-d12	15.651	264	185286	20.000	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.792	112	552475	81.770	ng		0.21
7) Phenol-d6	6.675	99	546469	64.258	ng		0.09
23) Nitrobenzene-d5	7.545	82	553643	68.332	ng		0.02
42) 2,4,6-Tribromophenol	10.798	330	178262	99.053	ng		0.01
45) 2-Fluorobiphenyl	9.328	172	935127	73.412	ng		0.00
79) Terphenyl-d14	13.092	244	806959	46.752	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.881	88	118206	36.974	ng	#	42
4) n-Nitrosodimethylamine	3.581	42	171005	39.915	ng	#	56
6) Aniline	6.722	93	173337	14.625	ng	#	55
8) 2-Chlorophenol	6.798	128	164249	23.192	ng		91
9) Benzaldehyde	6.557	77	142775	22.389	ng		98
10) Phenol	6.686	94	244774	26.420	ng		96
11) bis(2-Chloroethyl)ether	6.722	93	173337	24.436	ng		95
12) 1,3-Dichlorobenzene	6.928	146	149597m	19.445	ng		
13) 1,4-Dichlorobenzene	7.004	146	276221	35.652	ng		99
14) 1,2-Dichlorobenzene	7.157	146	214736	29.140	ng		98
15) Benzyl Alcohol	7.257	79	593018	91.326	ng	#	84
16) 2,2'-oxybis(1-Chloropr...	7.204	45	1724578m	131.059	ng		
17) 2-Methylphenol	7.269	107	469533	78.849	ng	#	60
18) Hexachloroethane	7.492	117	99536	37.110	ng		97
19) n-Nitroso-di-n-propyla...	7.410	70	203526	37.303	ng	#	92
20) 3+4-Methylphenols	7.504	107	378672m	52.413	ng		
22) Acetophenone	7.404	105	375876	39.310	ng	#	96
24) Nitrobenzene	7.569	77	262484	34.748	ng		99
25) Isophorone	7.881	82	524966	36.703	ng		99
26) 2-Nitrophenol	7.881	139	139283	42.485	ng		95
27) 2,4-Dimethylphenol	7.957	122	227380	34.026	ng		100
28) bis(2-Chloroethoxy)met...	8.022	93	320993	37.430	ng		97
29) 2,4-Dichlorophenol	8.157	162	185645	32.941	ng		97
30) 1,2,4-Trichlorobenzene	8.204	180	216579	35.572	ng		100
31) Naphthalene	8.286	128	751387	37.776	ng		100
32) Benzoic acid	8.181	122	269197	68.976	ng		97
33) 4-Chloroaniline	8.286	127	98017	12.069	ng	#	37
34) Hexachlorobutadiene	8.398	225	138458	37.227	ng		99
35) Caprolactam	8.786	113	67393m	39.574	ng		
36) 4-Chloro-3-methylphenol	8.816	107	200347	32.708	ng		98
37) 2-Methylnaphthalene	8.975	142	443408	36.634	ng		99
38) 1-Methylnaphthalene	9.075	142	427480	34.298	ng		99
40) 1,2,4,5-Tetrachloroben...	9.139	216	206106	40.979	ng		99
41) Hexachlorocyclopentadiene	9.128	237	176682	53.988	ng		99
43) 2,4,6-Trichlorophenol	9.251	196	126910	36.459	ng		99
44) 2,4,5-Trichlorophenol	9.298	196	134795	38.713	ng	#	93

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143199.D
Acq On : 22 Jul 2025 20:20
Operator : RC/JU
Sample : Q2646-03MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 23 04:52:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
FRAC TANKMS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	1,1'-Biphenyl	9.428	154	563893	41.488	ng		100
47)	2-Chloronaphthalene	9.457	162	400436	39.817	ng		100
48)	2-Nitroaniline	9.545	65	132031	41.864	ng		95
49)	Acenaphthylene	9.869	152	634232	37.632	ng		100
50)	Dimethylphthalate	9.727	163	450497	39.673	ng		99
51)	2,6-Dinitrotoluene	9.780	165	95799	41.471	ng		98
52)	Acenaphthene	10.039	154	398628	40.018	ng		99
53)	3-Nitroaniline	9.963	138	6891	2.550	ng	#	88
54)	2,4-Dinitrophenol	10.051	184	55306	55.089	ng	#	65
55)	Dibenzofuran	10.210	168	554525	37.495	ng		99
56)	4-Nitrophenol	10.110	139	162828	80.702	ng		96
57)	2,4-Dinitrotoluene	10.180	165	116431	40.174	ng	#	99
58)	Fluorene	10.557	166	428198	38.577	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.333	232	112015m	38.836	ng		
60)	Diethylphthalate	10.422	149	506582	45.135	ng		100
61)	4-Chlorophenyl-phenyle...	10.545	204	209454	37.896	ng		98
62)	4-Nitroaniline	10.563	138	22748	9.823	ng		92
63)	Azobenzene	10.704	77	401256	34.302	ng		97
65)	4,6-Dinitro-2-methylph...	10.586	198	41238	30.931	ng		82
66)	n-Nitrosodiphenylamine	10.657	169	336118	34.900	ng		100
67)	4-Bromophenyl-phenylether	11.033	248	123252	37.814	ng		97
68)	Hexachlorobenzene	11.104	284	126673	37.183	ng		98
69)	Atrazine	11.227	200	90049	33.915	ng		99
70)	Pentachlorophenol	11.298	266	182738	91.211	ng		98
71)	Phenanthrene	11.516	178	580774	39.993	ng		100
72)	Anthracene	11.569	178	584315	39.452	ng		100
73)	Carbazole	11.721	167	546164	42.231	ng		99
74)	Di-n-butylphthalate	12.051	149	548715	37.497	ng		100
75)	Fluoranthene	12.704	202	630057	47.268	ng		99
78)	Pyrene	12.939	202	219163	9.998	ng		97
80)	Butylbenzylphthalate	13.568	149	295074	43.959	ng		97
81)	Benzo(a)anthracene	14.139	228	677602	39.404	ng		99
83)	Chrysene	14.174	228	615094	39.784	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.121	149	446694	43.966	ng		100
85)	Di-n-octyl phthalate	14.727	149	745738	40.493	ng		99
87)	Indeno(1,2,3-cd)pyrene	17.180	276	348870	26.702	ng		98
88)	Benzo(b)fluoranthene	15.204	252	565057	49.920	ng		99
89)	Benzo(k)fluoranthene	15.239	252	492257	48.735	ng		100
90)	Benzo(a)pyrene	15.586	252	429835	41.215	ng		99
91)	Dibenzo(a,h)anthracene	17.198	278	285570	26.854	ng		99
92)	Benzo(g,h,i)perylene	17.645	276	277134	26.941	ng		98

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

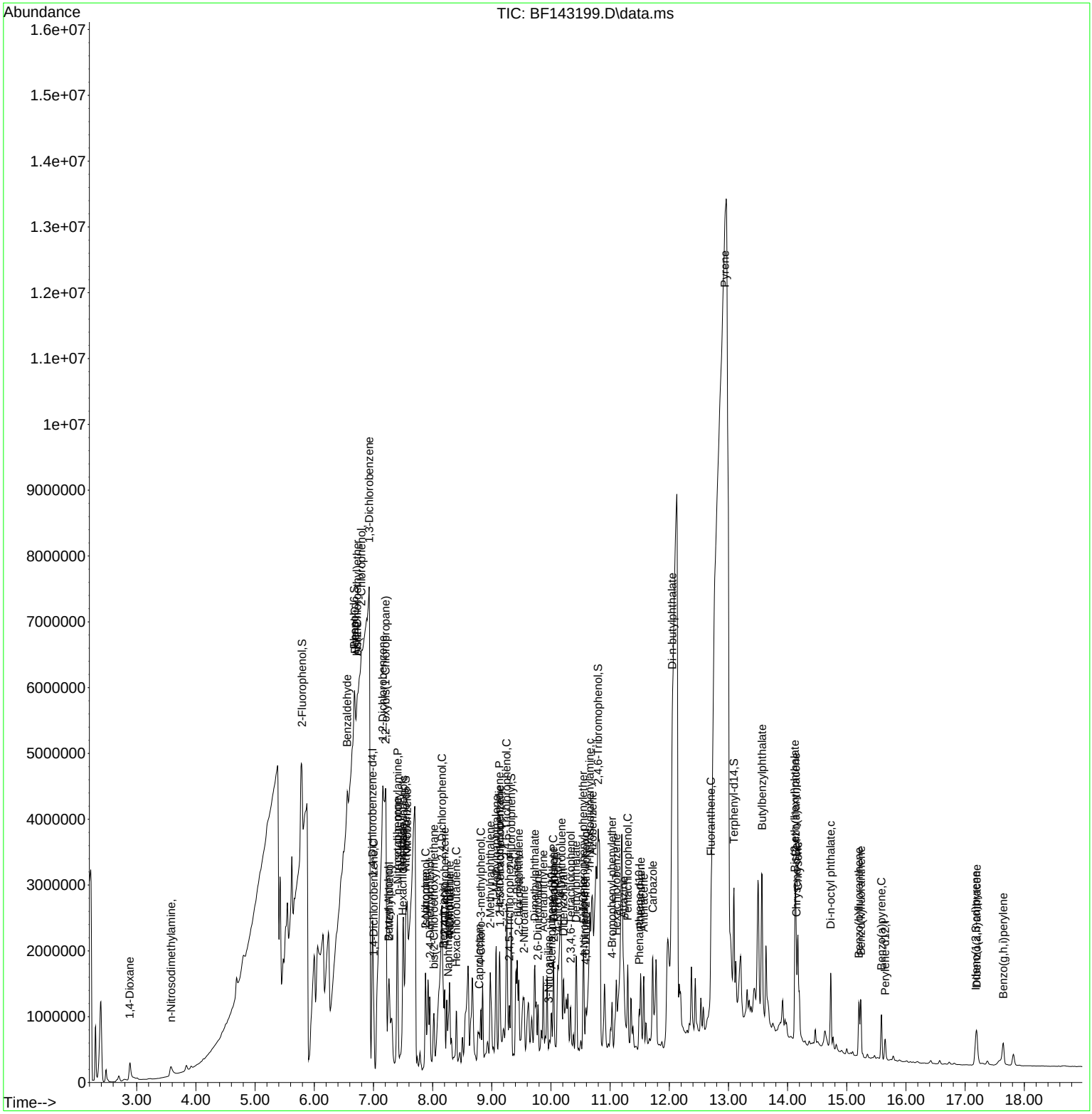
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143199.D
Acq On : 22 Jul 2025 20:20
Operator : RC/JU
Sample : Q2646-03MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 23 04:52:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
FRAC TANKMS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143200.D
Acq On : 22 Jul 2025 20:49
Operator : RC/JU
Sample : Q2646-03MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jul 23 04:53:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
FRAC TANKMSD

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.987	152	103435	20.000	ng		0.02
21) Naphthalene-d8	8.269	136	358963	20.000	ng		0.02
39) Acenaphthene-d10	10.010	164	160601	20.000	ng		0.01
64) Phenanthrene-d10	11.492	188	270710	20.000	ng		0.00
76) Chrysene-d12	14.151	240	252211	20.000	ng		0.03
86) Perylene-d12	15.651	264	152378	20.000	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.787	112	524551	80.252	ng		0.20
7) Phenol-d6	6.675	99	513323	62.394	ng		0.09
23) Nitrobenzene-d5	7.545	82	516027	71.658	ng		0.02
42) 2,4,6-Tribromophenol	10.798	330	183973	110.887	ng		0.01
45) 2-Fluorobiphenyl	9.328	172	888433	75.656	ng		0.00
79) Terphenyl-d14	13.092	244	856096	50.512	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.881	88	115793	37.439	ng	#	44
4) n-Nitrosodimethylamine	3.581	42	165712	39.982	ng	#	54
6) Aniline	6.722	93	164620	14.357	ng	#	55
8) 2-Chlorophenol	6.798	128	153843	22.454	ng		92
9) Benzaldehyde	6.557	77	133576	21.652	ng		98
10) Phenol	6.687	94	228748	25.522	ng		95
11) bis(2-Chloroethyl)ether	6.722	93	164620	23.989	ng		94
12) 1,3-Dichlorobenzene	6.934	146	242524	32.585	ng		99
13) 1,4-Dichlorobenzene	7.004	146	270486	36.087	ng		99
14) 1,2-Dichlorobenzene	7.157	146	202665	28.428	ng		99
15) Benzyl Alcohol	7.251	79	560378	89.206	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.192	45	1590555	124.945	ng		82
17) 2-Methylphenol	7.275	107	439726	76.331	ng	#	81
18) Hexachloroethane	7.498	117	94180	36.296	ng		97
19) n-Nitroso-di-n-propyla...	7.410	70	189587	35.918	ng		94
20) 3+4-Methylphenols	7.504	107	364374m	52.132	ng		
22) Acetophenone	7.404	105	359522	42.304	ng	#	96
24) Nitrobenzene	7.569	77	244395	36.402	ng		99
25) Isophorone	7.881	82	497065	39.100	ng		99
26) 2-Nitrophenol	7.881	139	132838	45.589	ng		95
27) 2,4-Dimethylphenol	7.951	122	213236	35.902	ng		98
28) bis(2-Chloroethoxy)met...	8.022	93	299334	39.272	ng		97
29) 2,4-Dichlorophenol	8.157	162	172713	34.481	ng		97
30) 1,2,4-Trichlorobenzene	8.204	180	201757	37.284	ng		99
31) Naphthalene	8.286	128	700722	39.637	ng		100
32) Benzoic acid	8.175	122	231757	66.975	ng		97
33) 4-Chloroaniline	8.286	127	90646	12.557	ng	#	35
34) Hexachlorobutadiene	8.404	225	128243	38.795	ng		98
35) Caprolactam	8.792	113	70195m	46.376	ng		
36) 4-Chloro-3-methylphenol	8.816	107	193269	35.500	ng		99
37) 2-Methylnaphthalene	8.975	142	413694	38.456	ng		99
38) 1-Methylnaphthalene	9.075	142	407705	36.804	ng		99
40) 1,2,4,5-Tetrachloroben...	9.139	216	196497	42.378	ng		99
41) Hexachlorocyclopentadiene	9.128	237	145110	48.098	ng		100
43) 2,4,6-Trichlorophenol	9.251	196	120729	37.622	ng		99
44) 2,4,5-Trichlorophenol	9.298	196	136183	42.425	ng	#	93

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143200.D
Acq On : 22 Jul 2025 20:49
Operator : RC/JU
Sample : Q2646-03MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jul 23 04:53:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
FRAC TANKMSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.433	154	534837	42.684	ng		99
47) 2-Chloronaphthalene	9.457	162	379988	40.985	ng		99
48) 2-Nitroaniline	9.551	65	132243	45.484	ng		98
49) Acenaphthylene	9.869	152	613481	39.484	ng		100
50) Dimethylphthalate	9.728	163	434559	41.511	ng		99
51) 2,6-Dinitrotoluene	9.780	165	95659	44.919	ng		99
52) Acenaphthene	10.045	154	383896	41.804	ng		99
53) 3-Nitroaniline	9.963	138	7585	3.045	ng	#	90
54) 2,4-Dinitrophenol	10.051	184	45245	49.636	ng		93
55) Dibenzofuran	10.216	168	551145	40.423	ng		100
56) 4-Nitrophenol	10.122	139	169940	91.363	ng		95
57) 2,4-Dinitrotoluene	10.186	165	113332	42.418	ng	#	96
58) Fluorene	10.557	166	434047	42.417	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.333	232	113718m	42.767	ng		
60) Diethylphthalate	10.422	149	504664	48.774	ng		100
61) 4-Chlorophenyl-phenyle...	10.545	204	208242	40.869	ng		98
62) 4-Nitroaniline	10.563	138	26507	12.416	ng		92
63) Azobenzene	10.704	77	411429	38.152	ng		98
65) 4,6-Dinitro-2-methylph...	10.592	198	35210	27.426	ng		84
66) n-Nitrosodiphenylamine	10.663	169	342043	35.882	ng		99
67) 4-Bromophenyl-phenylether	11.033	248	123959	38.423	ng		95
68) Hexachlorobenzene	11.104	284	129142	38.298	ng		96
69) Atrazine	11.233	200	90228	34.333	ng		99
70) Pentachlorophenol	11.304	266	189494	95.559	ng		100
71) Phenanthrene	11.516	178	609324	42.391	ng		100
72) Anthracene	11.569	178	607837	41.463	ng		100
73) Carbazole	11.722	167	582966	45.541	ng		99
74) Di-n-butylphthalate	12.051	149	578170	39.918	ng		100
75) Fluoranthene	12.710	202	672099	50.942	ng		100
78) Pyrene	12.945	202	235511	10.941	ng		98
80) Butylbenzylphthalate	13.574	149	314657	47.739	ng		99
81) Benzo(a)anthracene	14.139	228	719284	42.598	ng		100
83) Chrysene	14.180	228	616188	40.588	ng		100
84) Bis(2-ethylhexyl)phtha...	14.127	149	463985	46.508	ng		99
85) Di-n-octyl phthalate	14.733	149	673481	37.243	ng		99
87) Indeno(1,2,3-cd)pyrene	17.186	276	375905	34.985	ng		98
88) Benzo(b)fluoranthene	15.210	252	499143	53.620	ng		99
89) Benzo(k)fluoranthene	15.239	252	388170	46.729	ng		99
90) Benzo(a)pyrene	15.586	252	358088	41.751	ng		99
91) Dibenzo(a,h)anthracene	17.204	278	308156	35.236	ng		99
92) Benzo(g,h,i)perylene	17.651	276	306624	36.245	ng		99

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

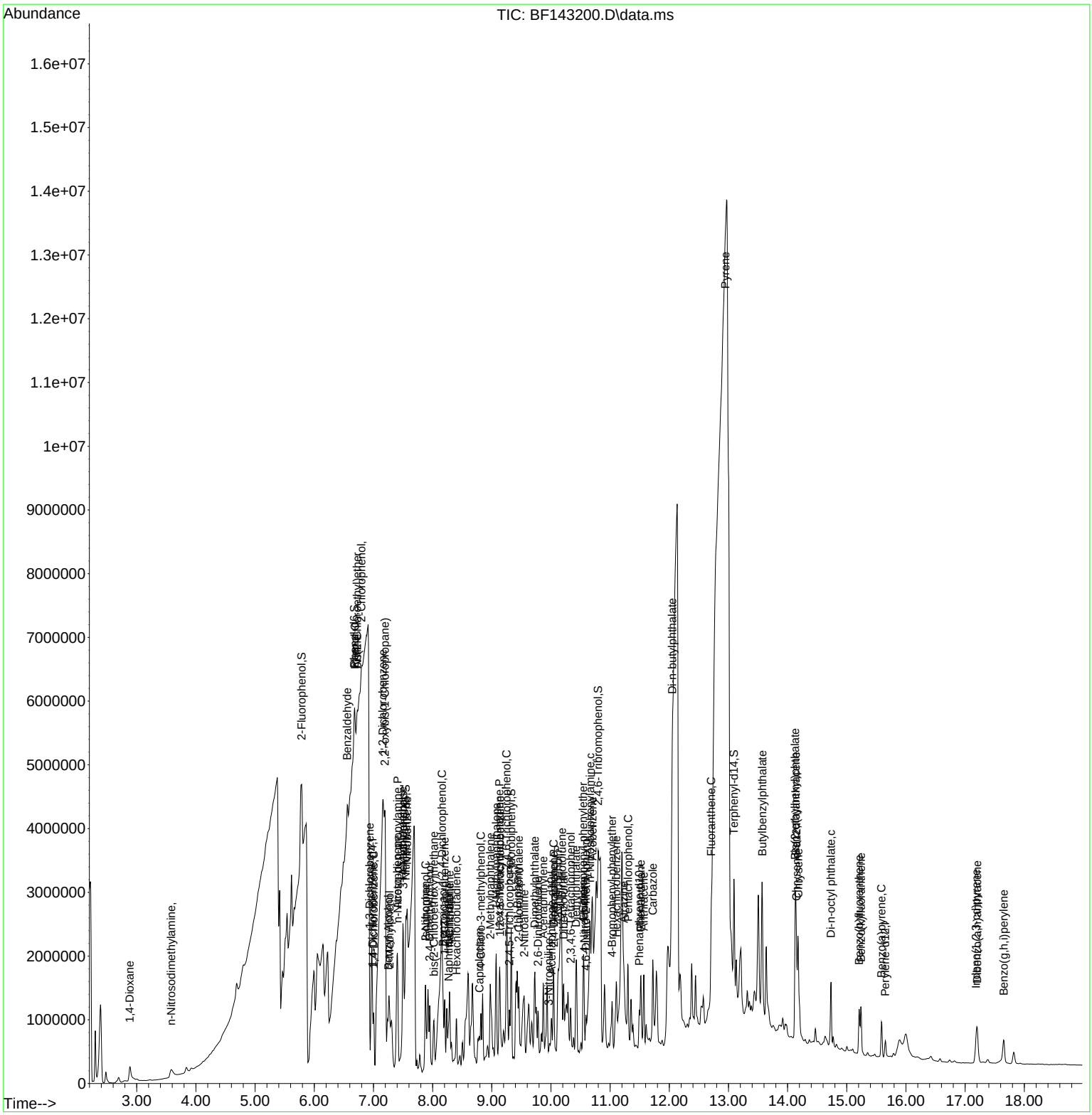
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143200.D
Acq On : 22 Jul 2025 20:49
Operator : RC/JU
Sample : Q2646-03MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jul 23 04:53:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
FRAC TANKMSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025



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

Manual Integration Report

Sequence:	BF071725	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BF143141.D	Nitrobenzene-d5	Rahul	7/18/2025 10:30:25 AM	Jagrut	7/18/2025 1:30:07 PM	Peak Integrated by Software
SSTDICC010	BF143142.D	Benzoic acid	Rahul	7/18/2025 10:30:28 AM	Jagrut	7/18/2025 1:30:09 PM	Peak Integrated by Software
SSTDICC010	BF143142.D	Nitrobenzene-d5	Rahul	7/18/2025 10:30:28 AM	Jagrut	7/18/2025 1:30:09 PM	Peak Integrated by Software
SSTDICC010	BF143142.D	Phenol	Rahul	7/18/2025 10:30:28 AM	Jagrut	7/18/2025 1:30:09 PM	Peak Integrated by Software
SSTDICC020	BF143143.D	Benzoic acid	Rahul	7/18/2025 10:30:30 AM	Jagrut	7/18/2025 1:30:11 PM	Peak Integrated by Software
SSTDICC020	BF143143.D	Nitrobenzene-d5	Rahul	7/18/2025 10:30:30 AM	Jagrut	7/18/2025 1:30:11 PM	Peak Integrated by Software
SSTDICC020	BF143143.D	Phenol	Rahul	7/18/2025 10:30:30 AM	Jagrut	7/18/2025 1:30:11 PM	Peak Integrated by Software
SSTDICCC040	BF143144.D	Benzoic acid	Rahul	7/18/2025 10:30:33 AM	Jagrut	7/18/2025 1:30:14 PM	Peak Integrated by Software
SSTDICCC040	BF143144.D	Phenol	Rahul	7/18/2025 10:30:33 AM	Jagrut	7/18/2025 1:30:14 PM	Peak Integrated by Software
SSTDICC050	BF143145.D	Benzoic acid	Rahul	7/18/2025 10:30:35 AM	Jagrut	7/18/2025 1:30:16 PM	Peak Integrated by Software
SSTDICC050	BF143145.D	Phenol	Rahul	7/18/2025 10:30:35 AM	Jagrut	7/18/2025 1:30:16 PM	Peak Integrated by Software
SSTDICC060	BF143146.D	Phenol	Rahul	7/18/2025 10:30:38 AM	Jagrut	7/18/2025 1:30:19 PM	Peak Integrated by Software
SSTDICC080	BF143147.D	Benzoic acid	Rahul	7/18/2025 10:30:41 AM	Jagrut	7/18/2025 1:30:22 PM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	BF071725	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC080	BF143147.D	Phenol	Rahul	7/18/2025 10:30:41 AM	Jagrut	7/18/2025 1:30:22 PM	Peak Integrated by Software
SSTDICV040	BF143148.D	Phenol	Rahul	7/18/2025 10:30:44 AM	Jagrut	7/18/2025 1:30:24 PM	Peak Integrated by Software
SSTDCCC040	BF143157.D	Phenol	Rahul	7/18/2025 10:31:02 AM	Jagrut	7/18/2025 1:30:41 PM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	bf072225	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q2646-03MS	BF143199.D	1,3-Dichlorobenzene	Rahul	7/23/2025 8:22:18 AM	Jagrut	7/23/2025 1:06:28 PM	Peak Integrated by Software
Q2646-03MS	BF143199.D	2,2"-oxybis(1-Chloropropane)	Rahul	7/23/2025 8:22:18 AM	Jagrut	7/23/2025 1:06:28 PM	Peak Integrated by Software
Q2646-03MS	BF143199.D	2,3,4,6-Tetrachlorophenol	Rahul	7/23/2025 8:22:18 AM	Jagrut	7/23/2025 1:06:28 PM	Peak Integrated by Software
Q2646-03MS	BF143199.D	3+4-Methylphenols	Rahul	7/23/2025 8:22:18 AM	Jagrut	7/23/2025 1:06:28 PM	Peak Integrated by Software
Q2646-03MS	BF143199.D	Caprolactam	Rahul	7/23/2025 8:22:18 AM	Jagrut	7/23/2025 1:06:28 PM	Peak Integrated by Software
Q2646-03MSD	BF143200.D	2,3,4,6-Tetrachlorophenol	Rahul	7/23/2025 8:22:22 AM	Jagrut	7/23/2025 1:06:31 PM	Peak Integrated by Software
Q2646-03MSD	BF143200.D	3+4-Methylphenols	Rahul	7/23/2025 8:22:22 AM	Jagrut	7/23/2025 1:06:31 PM	Peak Integrated by Software
Q2646-03MSD	BF143200.D	3,3"-Dichlorobenzidine	Rahul	7/23/2025 8:22:22 AM	Jagrut	7/23/2025 1:06:31 PM	Peak Integrated by Software
Q2646-03MSD	BF143200.D	Caprolactam	Rahul	7/23/2025 8:22:22 AM	Jagrut	7/23/2025 1:06:31 PM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	BF072325	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB168954BS	BF143213.D	Caprolactam	Rahul	7/24/2025 10:38:12 AM	Jagrut	7/24/2025 12:02:16 PM	Peak Integrated by Software

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

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF071725

Review By	Rahul	Review On	7/18/2025 11:02:11 AM				
Supervise By	Jagrut	Supervise On	7/18/2025 1:30:54 PM				
SubDirectory	BF071725	HP Acquire Method	BNA_F		HP Processing Method	bf071725	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12674,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF143138.D	17 Jul 2025 09:58	RC/JU	Ok
2	SSTDCCC040	BF143139.D	17 Jul 2025 10:28	RC/JU	Not Ok
3	SSTDICC2.5	BF143140.D	17 Jul 2025 11:04	RC/JU	Ok
4	SSTDICC005	BF143141.D	17 Jul 2025 11:34	RC/JU	Ok,M
5	SSTDICC010	BF143142.D	17 Jul 2025 12:04	RC/JU	Ok,M
6	SSTDICC020	BF143143.D	17 Jul 2025 12:34	RC/JU	Ok,M
7	SSTDICCC040	BF143144.D	17 Jul 2025 13:03	RC/JU	Ok,M
8	SSTDICC050	BF143145.D	17 Jul 2025 13:33	RC/JU	Ok,M
9	SSTDICC060	BF143146.D	17 Jul 2025 14:04	RC/JU	Ok,M
10	SSTDICC080	BF143147.D	17 Jul 2025 14:34	RC/JU	Ok,M
11	SSTDICV040	BF143148.D	17 Jul 2025 15:06	RC/JU	Ok,M
12	PB168813BL	BF143149.D	17 Jul 2025 15:36	RC/JU	Ok
13	Q2126-03	BF143150.D	17 Jul 2025 16:06	RC/JU	Ok,M
14	Q2126-03	BF143151.D	17 Jul 2025 16:36	RC/JU	Ok,M
15	Q2126-09	BF143152.D	17 Jul 2025 17:07	RC/JU	Ok,M
16	Q2126-09	BF143153.D	17 Jul 2025 17:37	RC/JU	Ok,M
17	PB168816BL	BF143154.D	17 Jul 2025 18:07	RC/JU	Ok
18	PB167904BL	BF143155.D	17 Jul 2025 18:37	RC/JU	Ok
19	PB167904BS	BF143156.D	17 Jul 2025 19:07	RC/JU	Ok,M
20	SSTDCCC040	BF143157.D	17 Jul 2025 19:37	RC/JU	Ok,M

M : Manual Integration

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

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF072225

Review By	Rahul	Review On	7/23/2025 8:23:11 AM				
Supervise By	Jagrut	Supervise On	7/23/2025 1:06:52 PM				
SubDirectory	BF072225	HP Acquire Method	BNA_F		HP Processing Method	bf071725	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13168,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF143176.D	22 Jul 2025 07:48	RC/JU	Ok
2	SSTDCCC040	BF143177.D	22 Jul 2025 08:46	RC/JU	Ok
3	PB168929BL	BF143178.D	22 Jul 2025 09:15	RC/JU	Ok
4	PB168813BS	BF143179.D	22 Jul 2025 09:44	RC/JU	Ok,M
5	Q2635-01MS	BF143180.D	22 Jul 2025 10:26	RC/JU	Ok,M
6	Q2635-01MSD	BF143181.D	22 Jul 2025 10:55	RC/JU	Ok,M
7	Q2638-01	BF143182.D	22 Jul 2025 11:25	RC/JU	Ok,M
8	Q2638-03	BF143183.D	22 Jul 2025 11:54	RC/JU	Ok,M
9	Q2638-05	BF143184.D	22 Jul 2025 12:23	RC/JU	Ok,M
10	Q2638-07	BF143185.D	22 Jul 2025 12:52	RC/JU	ReRun
11	Q2638-09	BF143186.D	22 Jul 2025 13:21	RC/JU	Ok,M
12	SSTDCCC040	BF143187.D	22 Jul 2025 13:55	RC/JU	Ok
13	DFTPP	BF143188.D	22 Jul 2025 14:54	RC/JU	Ok
14	SSTDCCC040	BF143189.D	22 Jul 2025 15:23	RC/JU	Ok
15	PB168954BL	BF143190.D	22 Jul 2025 15:52	RC/JU	Ok
16	Q2641-02	BF143191.D	22 Jul 2025 16:26	RC/JU	Ok
17	Q2649-04	BF143192.D	22 Jul 2025 16:55	RC/JU	Ok,M
18	Q2649-08	BF143193.D	22 Jul 2025 17:25	RC/JU	Ok
19	Q2649-12	BF143194.D	22 Jul 2025 17:54	RC/JU	Ok
20	Q2649-16	BF143195.D	22 Jul 2025 18:23	RC/JU	Ok
21	Q2649-20	BF143196.D	22 Jul 2025 18:53	RC/JU	Ok

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Fax : 908 789 8922

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF072225

Review By	Rahul	Review On	7/23/2025 8:23:11 AM		
Supervise By	Jagrut	Supervise On	7/23/2025 1:06:52 PM		
SubDirectory	BF072225	HP Acquire Method	BNA_F	HP Processing Method	bf071725

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13168,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2649-24	BF143197.D	22 Jul 2025 19:22	RC/JU	Ok
23	Q2646-03	BF143198.D	22 Jul 2025 19:51	RC/JU	Ok
24	Q2646-03MS	BF143199.D	22 Jul 2025 20:20	RC/JU	Ok,M
25	Q2646-03MSD	BF143200.D	22 Jul 2025 20:49	RC/JU	Ok,M
26	Q2649-21	BF143201.D	22 Jul 2025 21:18	RC/JU	Ok
27	Q2649-13	BF143202.D	22 Jul 2025 21:48	RC/JU	Ok
28	Q2658-02	BF143203.D	22 Jul 2025 22:17	RC/JU	Ok
29	Q2658-01	BF143204.D	22 Jul 2025 22:46	RC/JU	Ok,M
30	Q2660-01	BF143205.D	22 Jul 2025 23:15	RC/JU	Ok
31	Q2649-17	BF143206.D	22 Jul 2025 23:43	RC/JU	Ok,M
32	Q2649-01	BF143207.D	23 Jul 2025 00:12	RC/JU	Ok,M
33	Q2660-03	BF143208.D	23 Jul 2025 00:41	RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF072325

Review By	Rahul	Review On	7/24/2025 10:37:52 AM		
Supervise By	Jagrut	Supervise On	7/24/2025 12:02:50 PM		
SubDirectory	BF072325	HP Acquire Method	BNA_F	HP Processing Method	bf071725

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13168,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF143209.D	23 Jul 2025 13:34	RC/JU	Ok
2	SSTDCCC040	BF143210.D	23 Jul 2025 14:33	RC/JU	Ok
3	PB168926TB	BF143211.D	23 Jul 2025 15:02	RC/JU	Ok
4	PB168929BS	BF143212.D	23 Jul 2025 15:31	RC/JU	Ok,M
5	PB168954BS	BF143213.D	23 Jul 2025 16:00	RC/JU	Ok,M
6	PB168948BL	BF143214.D	23 Jul 2025 16:30	RC/JU	Ok
7	PB168948BS	BF143215.D	23 Jul 2025 16:59	RC/JU	Ok,M
8	Q2645-02	BF143216.D	23 Jul 2025 17:28	RC/JU	Ok
9	Q2649-05	BF143217.D	23 Jul 2025 17:57	RC/JU	Ok
10	Q2649-09	BF143218.D	23 Jul 2025 18:26	RC/JU	Ok
11	Q2649-09MS	BF143219.D	23 Jul 2025 18:56	RC/JU	Ok,M
12	Q2649-09MSD	BF143220.D	23 Jul 2025 19:25	RC/JU	Ok,M
13	SSTDCCC040	BF143221.D	23 Jul 2025 19:54	RC/JU	Ok

M : Manual Integration

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Fax : 908 789 8922

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF071725

Review By	Rahul	Review On	7/18/2025 11:02:11 AM		
Supervise By	Jagrut	Supervise On	7/18/2025 1:30:54 PM		
SubDirectory	BF071725	HP Acquire Method	BNA_F	HP Processing Method	bf071725

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12674,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF143138.D	17 Jul 2025 09:58		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF143139.D	17 Jul 2025 10:28	A Fresh Calibration is required.	RC/JU	Not Ok
3	SSTDICC2.5	SSTDICC2.5	BF143140.D	17 Jul 2025 11:04		RC/JU	Ok
4	SSTDICC005	SSTDICC005	BF143141.D	17 Jul 2025 11:34		RC/JU	Ok,M
5	SSTDICC010	SSTDICC010	BF143142.D	17 Jul 2025 12:04		RC/JU	Ok,M
6	SSTDICC020	SSTDICC020	BF143143.D	17 Jul 2025 12:34		RC/JU	Ok,M
7	SSTDICCC040	SSTDICCC040	BF143144.D	17 Jul 2025 13:03	Compound #32,54,65 Kept on LR	RC/JU	Ok,M
8	SSTDICC050	SSTDICC050	BF143145.D	17 Jul 2025 13:33		RC/JU	Ok,M
9	SSTDICC060	SSTDICC060	BF143146.D	17 Jul 2025 14:04		RC/JU	Ok,M
10	SSTDICC080	SSTDICC080	BF143147.D	17 Jul 2025 14:34	Compound#77 removed from 80 ppm	RC/JU	Ok,M
11	SSTDICV040	ICVBF071725	BF143148.D	17 Jul 2025 15:06		RC/JU	Ok,M
12	PB168813BL	PB168813BL	BF143149.D	17 Jul 2025 15:36		RC/JU	Ok
13	Q2126-03	MDL-SOIL-03-QT2-202	BF143150.D	17 Jul 2025 16:06	MDL-SOIL 4 ppm	RC/JU	Ok,M
14	Q2126-03	MDL-SOIL-03-QT2-202	BF143151.D	17 Jul 2025 16:36	MDL-SOIL 8 ppm	RC/JU	Ok,M
15	Q2126-09	MDL-WATER-03-QT2-2	BF143152.D	17 Jul 2025 17:07	MDL-WATER 4 ppm	RC/JU	Ok,M
16	Q2126-09	MDL-WATER-03-QT2-2	BF143153.D	17 Jul 2025 17:37	MDL-WATER 8 ppm	RC/JU	Ok,M
17	PB168816BL	PB168816BL	BF143154.D	17 Jul 2025 18:07		RC/JU	Ok

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF071725

Review By	Rahul	Review On	7/18/2025 11:02:11 AM		
Supervise By	Jagrut	Supervise On	7/18/2025 1:30:54 PM		
SubDirectory	BF071725	HP Acquire Method	BNA_F	HP Processing Method	bf071725

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12674,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	PB167904BL	PB167904BL	BF143155.D	17 Jul 2025 18:37		RC/JU	Ok
19	PB167904BS	PB167904BS	BF143156.D	17 Jul 2025 19:07		RC/JU	Ok,M
20	SSTDCCC040	SSTDCCC040EC	BF143157.D	17 Jul 2025 19:37		RC/JU	Ok,M

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF072225

Review By	Rahul	Review On	7/23/2025 8:23:11 AM		
Supervise By	Jagrut	Supervise On	7/23/2025 1:06:52 PM		
SubDirectory	BF072225	HP Acquire Method	BNA_F	HP Processing Method	bf071725

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13168,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF143176.D	22 Jul 2025 07:48		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF143177.D	22 Jul 2025 08:46		RC/JU	Ok
3	PB168929BL	PB168929BL	BF143178.D	22 Jul 2025 09:15		RC/JU	Ok
4	PB168813BS	PB168813BS	BF143179.D	22 Jul 2025 09:44		RC/JU	Ok,M
5	Q2635-01MS	RT2286MS	BF143180.D	22 Jul 2025 10:26		RC/JU	Ok,M
6	Q2635-01MSD	RT2286MSD	BF143181.D	22 Jul 2025 10:55		RC/JU	Ok,M
7	Q2638-01	OU4-TS-31-071725	BF143182.D	22 Jul 2025 11:25		RC/JU	Ok,M
8	Q2638-03	OU4-TS-32-071725	BF143183.D	22 Jul 2025 11:54		RC/JU	Ok,M
9	Q2638-05	OU4-TS-33-071725	BF143184.D	22 Jul 2025 12:23		RC/JU	Ok,M
10	Q2638-07	OU4-TS-34-071725	BF143185.D	22 Jul 2025 12:52	Surrogate Fail	RC/JU	ReRun
11	Q2638-09	OU4-TS-35-071725	BF143186.D	22 Jul 2025 13:21		RC/JU	Ok,M
12	SSTDCCC040	SSTDCCC040EC	BF143187.D	22 Jul 2025 13:55		RC/JU	Ok
13	DFTPP	DFTPP	BF143188.D	22 Jul 2025 14:54		RC/JU	Ok
14	SSTDCCC040	SSTDCCC040	BF143189.D	22 Jul 2025 15:23		RC/JU	Ok
15	PB168954BL	PB168954BL	BF143190.D	22 Jul 2025 15:52		RC/JU	Ok
16	Q2641-02	P001-CONCRETE001-	BF143191.D	22 Jul 2025 16:26		RC/JU	Ok
17	Q2649-04	WC-1	BF143192.D	22 Jul 2025 16:55		RC/JU	Ok,M
18	Q2649-08	WC-2	BF143193.D	22 Jul 2025 17:25		RC/JU	Ok

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF072225

Review By	Rahul	Review On	7/23/2025 8:23:11 AM		
Supervise By	Jagrut	Supervise On	7/23/2025 1:06:52 PM		
SubDirectory	BF072225	HP Acquire Method	BNA_F	HP Processing Method	bf071725

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13168,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q2649-12	WC-3	BF143194.D	22 Jul 2025 17:54		RC/JU	Ok
20	Q2649-16	WC-4	BF143195.D	22 Jul 2025 18:23		RC/JU	Ok
21	Q2649-20	WC-5	BF143196.D	22 Jul 2025 18:53		RC/JU	Ok
22	Q2649-24	WC-6	BF143197.D	22 Jul 2025 19:22		RC/JU	Ok
23	Q2646-03	FRAC TANK	BF143198.D	22 Jul 2025 19:51	Internal standard fail.	RC/JU	Ok
24	Q2646-03MS	FRAC TANKMS	BF143199.D	22 Jul 2025 20:20		RC/JU	Ok,M
25	Q2646-03MSD	FRAC TANKMSD	BF143200.D	22 Jul 2025 20:49		RC/JU	Ok,M
26	Q2649-21	WC-6	BF143201.D	22 Jul 2025 21:18		RC/JU	Ok
27	Q2649-13	WC-4	BF143202.D	22 Jul 2025 21:48		RC/JU	Ok
28	Q2658-02	PAD-072125-2	BF143203.D	22 Jul 2025 22:17		RC/JU	Ok
29	Q2658-01	PAD-072125-1	BF143204.D	22 Jul 2025 22:46	Internal standard fail.	RC/JU	Ok,M
30	Q2660-01	MOO-25-0205	BF143205.D	22 Jul 2025 23:15	Internal standard fail.	RC/JU	Ok
31	Q2649-17	WC-5	BF143206.D	22 Jul 2025 23:43		RC/JU	Ok,M
32	Q2649-01	WC-1	BF143207.D	23 Jul 2025 00:12		RC/JU	Ok,M
33	Q2660-03	MOO-25-0218	BF143208.D	23 Jul 2025 00:41	Internal standard fail	RC/JU	Ok

M : Manual Integration

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Fax : 908 789 8922

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF072325

Review By	Rahul	Review On	7/24/2025 10:37:52 AM		
Supervise By	Jagrut	Supervise On	7/24/2025 12:02:50 PM		
SubDirectory	BF072325	HP Acquire Method	BNA_F	HP Processing Method	bf071725

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13168,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF143209.D	23 Jul 2025 13:34		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF143210.D	23 Jul 2025 14:33		RC/JU	Ok
3	PB168926TB	PB168926TB	BF143211.D	23 Jul 2025 15:02		RC/JU	Ok
4	PB168929BS	PB168929BS	BF143212.D	23 Jul 2025 15:31		RC/JU	Ok,M
5	PB168954BS	PB168954BS	BF143213.D	23 Jul 2025 16:00		RC/JU	Ok,M
6	PB168948BL	PB168948BL	BF143214.D	23 Jul 2025 16:30		RC/JU	Ok
7	PB168948BS	PB168948BS	BF143215.D	23 Jul 2025 16:59		RC/JU	Ok,M
8	Q2645-02	RW5B-CARBON-2025(	BF143216.D	23 Jul 2025 17:28	Surrogate Fail	RC/JU	Ok
9	Q2649-05	WC-2	BF143217.D	23 Jul 2025 17:57		RC/JU	Ok
10	Q2649-09	WC-3	BF143218.D	23 Jul 2025 18:26		RC/JU	Ok
11	Q2649-09MS	WC-3MS	BF143219.D	23 Jul 2025 18:56		RC/JU	Ok,M
12	Q2649-09MSD	WC-3MSD	BF143220.D	23 Jul 2025 19:25		RC/JU	Ok,M
13	SSTDCCC040	SSTDCCC040EC	BF143221.D	23 Jul 2025 19:54		RC/JU	Ok

M : Manual Integration

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB168926

SOP ID : M1311-TCLP-16

SDG No : N/A

Weigh By : N/A

Balance ID : N/A

pH Meter ID : WC PH METER-1

Extraction By : JP

Filter By : JP

Pippete ID : N/A

Tumbler ID : N/A

TCLP Filter ID : 115525

Start Prep Date : N/A **Time :** N/A

End Prep Date : N/A **Time :** N/A

Combination Ratio : N/A

ZHE Cleaning Batch : N/A

Initial Room Temperature: N/A

Final Room Temperature: N/A

TCLP Technician Signature : JP

Supervisor By : IZ

Standared Name	MLS USED	STD REF. # FROM LOG
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

Chemical Used	ML/SAMPLE U	Lot Number
N/A	N/A	N/A
N/A	N/A	N/A
HNO3-TCLP,1N	N/A	WP112799
pH Strips	N/A	W1931,W1934,W3171,W3172
pH Strips	W1940,W1941,W1942	W3166,W1938,W1939,
1 Liter Amber	N/A	90924-08
120ml Plastic bottle	N/A	2738
1:1 HNO3	N/A	MP84041

Extraction Conformance/Non-Conformance Comments:

Matrix spikes are added after fiftration and before preservation. q2646-03 is used for MS-MSD.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
07/21/25 1130	JP Lab Room	SKS. RJ / Lab
	Preparation Group	Analysis Group Inorg

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB168926

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB168926TB	LEB926	N/A	N/A	N/A	N/A	N/A	N/A	4.93	1.5	N/A
Q2646-03	FRAC TANK	N/A	N/A	N/A	N/A	N/A	N/A	4.5	1.0	N/A

SampleID	ClientID	Sample Weight (g)	Filter Weight (g)	Filtrate (mL)	Filter + Solid (After 100°C)	% solids	% Dry Solids
PB168926TB	LEB926	N/A	N/A	N/A	N/A	N/A	N/A
Q2646-03	FRAC TANK	N/A	N/A	N/A	N/A	<0.5	N/A

WORKLIST(Hardcopy Internal Chain)

WorkList Name : tclp q q2646 **WorkList ID :** 190828 **Department :** TCLP Extraction **Date :** 07-18-2025 15:02:00

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2646-03	FRAC TANK	Water	TCLP Extraction	Cool 4 deg C	ENVI60	O11	07/18/2025	1311

Date/Time 07/18/25 15:10

Raw Sample Received by: [signature]

Raw Sample Relinquished by: [signature] SM

Date/Time 07/18/25 18:00

Raw Sample Received by: [signature] SM

Raw Sample Relinquished by: [signature]

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB168954

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

Clean Up SOP #: N/A

Matrix : Water

Weigh By: N/A

Balance check: N/A

Balance ID: N/A

pH Strip Lot#: E3880

Extraction By: RS

Filter By: RS

pH Meter ID: N/A

Hood ID: 4,5,6,7

Extraction Start Date : 07/22/2025

Extraction Start Time : 09:10

Extraction End Date : 07/22/2025

Extraction End Time : 14:10

Concentration By: EH

Supervisor By : RUPESH

Extraction Method: [√] Seperatory Funnel [ ] Continious Liquid/Liquid [ ] Sonication [ ] Waste Dilution [ ] Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	SP6849
Surrogate	1.0ML	100/150 PPM	SP6852
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	E3954
Baked Na2SO4	N/A	EP2625
H2SO4 1:1	N/A	EP2610
10N NaoH	N/A	EP2609
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 & >12 with 10N NaOH , 1.5ML Vial Lot # 2210443.

KD Bath ID: WATER BATH-1,2

KD Bath Temperature: 60 °C

Envap ID: NE VAP-02

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
7/22/25	RS (B4-6&5)	RC/SVOC
14:15	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB168954

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

Concentration Date: 07/22/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168919TB	PB168919TB	TCLP BNA	100	6	RUPESH	Evelyn	1			SEP-1
PB168926TB	PB168926TB	TCLP BNA	100	6	RUPESH	Evelyn	1			2
PB168954BL	PB168954BL	TCLP BNA	1000	6	RUPESH	Evelyn	1			3
PB168954BS	PB168954BS	TCLP BNA	1000	6	RUPESH	Evelyn	1			4
Q2641-02	P001-CONCRETE001-01	TCLP BNA	100	6	RUPESH	Evelyn	1	A		5
Q2646-03	FRAC TANK	TCLP BNA	100	6	RUPESH	Evelyn	1	A		6
Q2646-03MS	FRAC TANKMS	TCLP BNA	100	6	RUPESH	Evelyn	1	A		7
Q2646-03MSD	FRAC TANKMSD	TCLP BNA	100	6	RUPESH	Evelyn	1	A		8
Q2649-04	WC-1	TCLP BNA	100	6	RUPESH	Evelyn	1	A		9
Q2649-08	WC-2	TCLP BNA	100	6	RUPESH	Evelyn	1	A		10
Q2649-12	WC-3	TCLP BNA	100	6	RUPESH	Evelyn	1	A		11
Q2649-16	WC-4	TCLP BNA	100	6	RUPESH	Evelyn	1	A		12
Q2649-20	WC-5	TCLP BNA	100	6	RUPESH	Evelyn	1	A		13
Q2649-24	WC-6	TCLP BNA	100	6	RUPESH	Evelyn	1	A		14

RS 7/22

* **Extracts relinguished on the same date as received.**

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LAB CHRONICLE

OrderID:	Q2646	**OrderDate:**	7/18/2025 11:47:00 AM
Client:	Environmental Restoration, LLC	**Project:**	North Arlington, NJ
Contact:	Steve Motta	**Location:**	O11,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2646-03	**FRAC TANK**	**TCLP**			**07/18/25**			**07/18/25**
			TCLP BNA	8270E		07/22/25	07/22/25	