Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081825\
Data File : BF143437.D
Acq On : 18 Aug 2025 13:08
Operator : RC/JU
Sample : Q2811-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE WATER

Quant Time: Aug 18 13:40:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 18 04:40:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	92191	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	319129	20.000	ng	0.00
39) Acenaphthene-d10	9.957	164	158523	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	243989	20.000	ng	0.00
76) Chrysene-d12	14.086	240	246388	20.000	ng	0.00
86) Perylene-d12	15.574	264	313738	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	264630	49.898	ng	0.00
7) Phenol-d6	6.557	99	213193	31.898	ng	0.00
23) Nitrobenzene-d5	7.481	82	524619	97.548	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	135208	95.826	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	901779	95.682	ng	0.00
79) Terphenyl-d14	13.027	244	1116463	76.120	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	8.010	122	55192	24.087	ng	97

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

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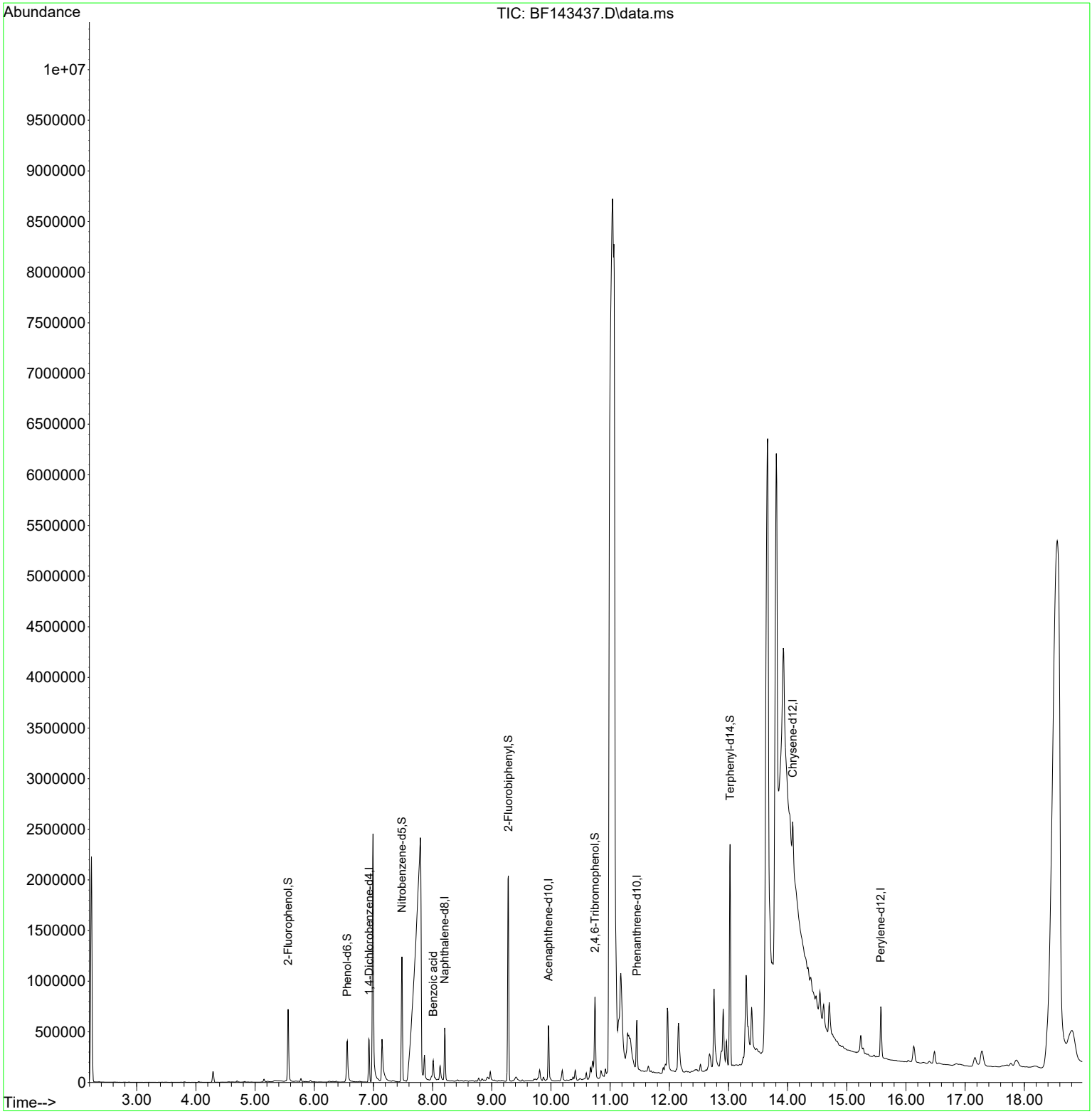
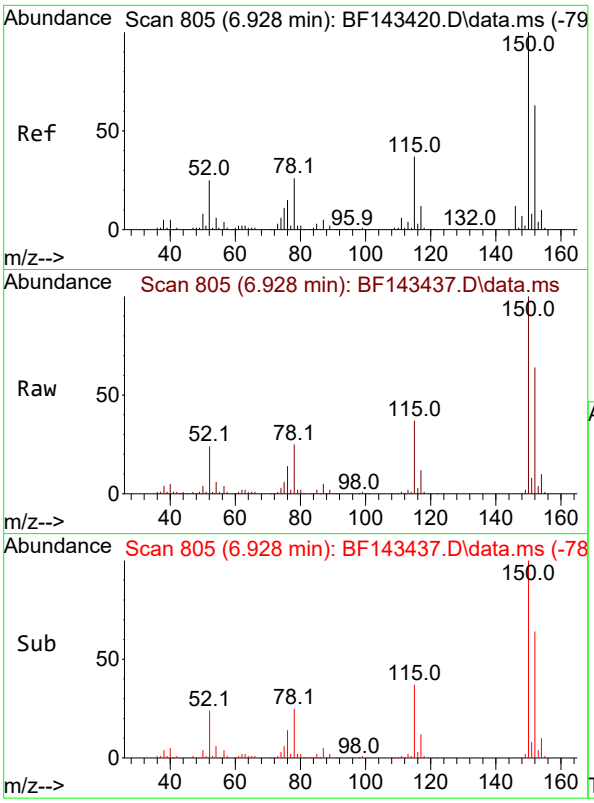


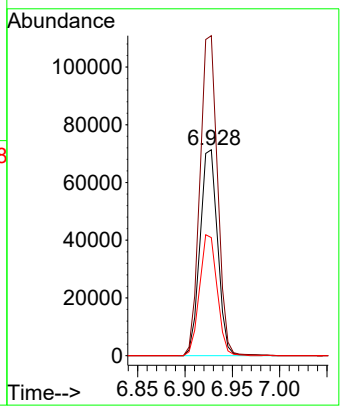


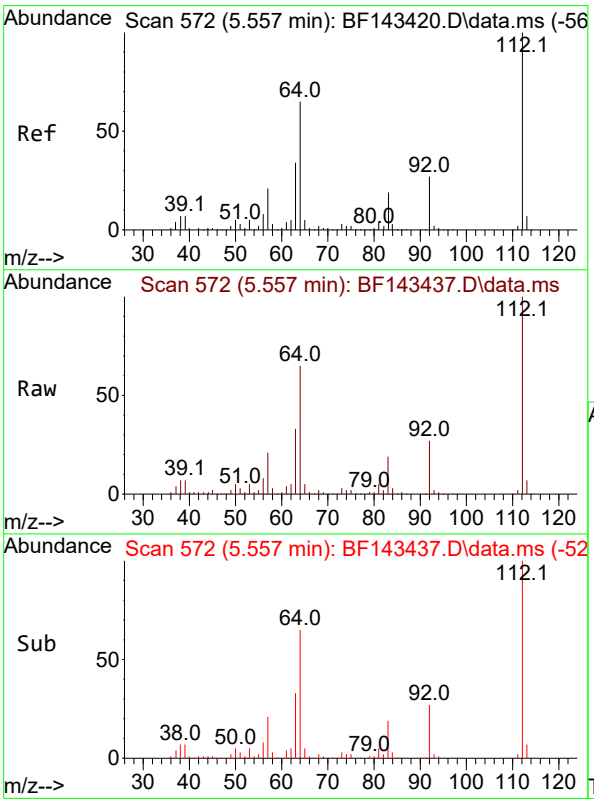
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143437.D
Acq: 18 Aug 2025 13:08

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE WATER

Tgt Ion:152 Resp: 92191

Ion	Ratio	Lower	Upper
152	100		
150	155.4	127.4	191.2
115	57.3	47.5	71.3

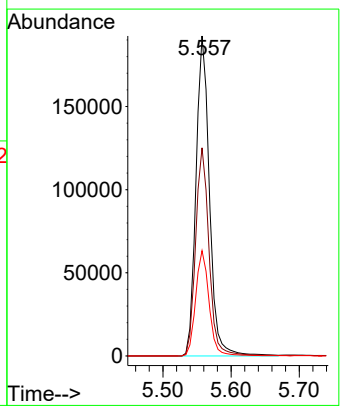


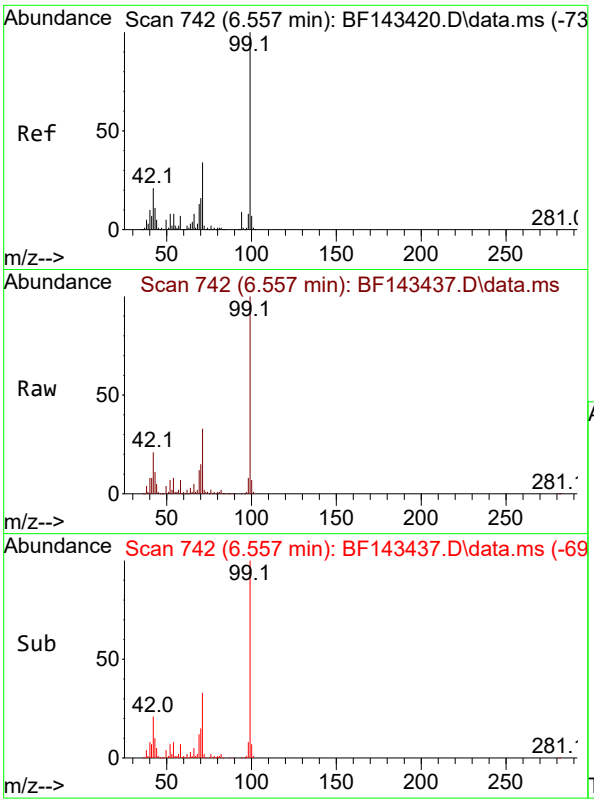


#5
2-Fluorophenol
Concen: 49.898 ng
RT: 5.557 min Scan# 572
Delta R.T. -0.000 min
Lab File: BF143437.D
Acq: 18 Aug 2025 13:08

Tgt Ion:112 Resp: 264630

Ion	Ratio	Lower	Upper
112	100		
64	65.1	52.2	78.2
63	32.9	27.0	40.6



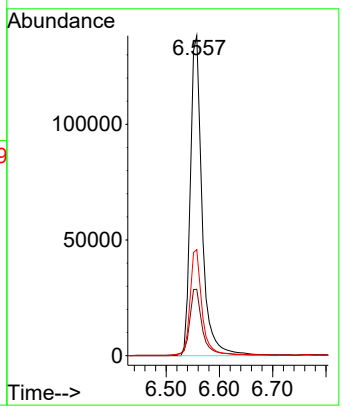


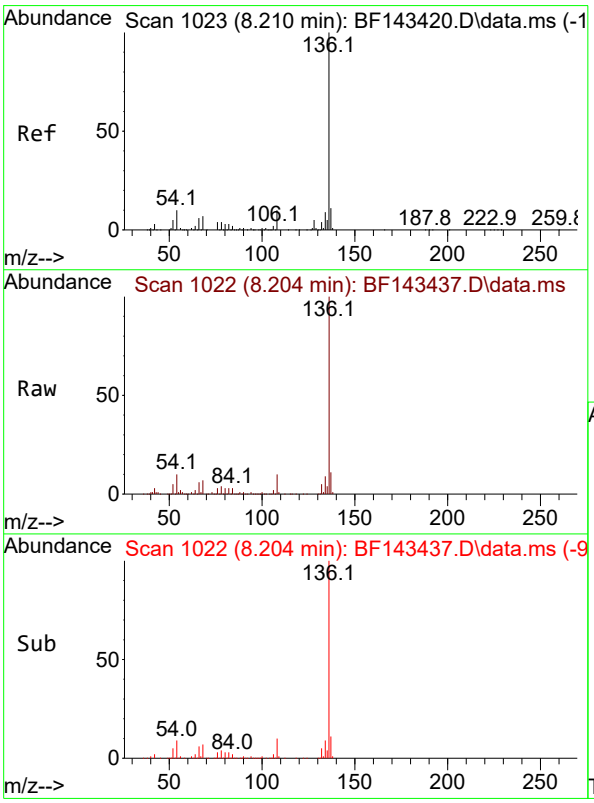
#7
Phenol-d6
Concen: 31.898 ng
RT: 6.557 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF143437.D
Acq: 18 Aug 2025 13:08

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE WATER

Tgt Ion: 99 Resp: 213193

Ion	Ratio	Lower	Upper
99	100		
42	20.7	17.0	25.6
71	33.2	27.4	41.2

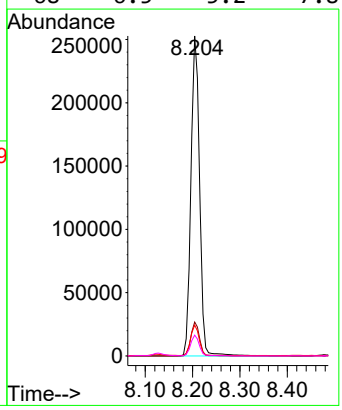


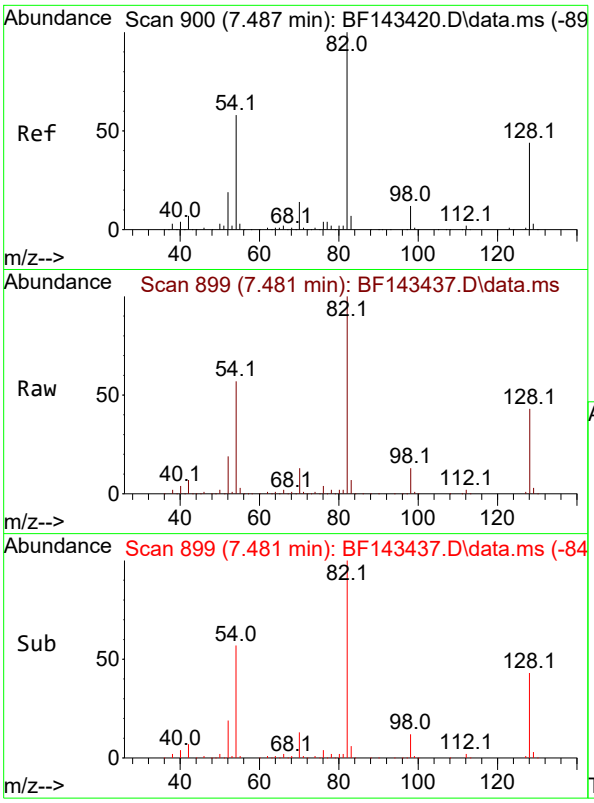


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF143437.D
Acq: 18 Aug 2025 13:08

Tgt Ion:136 Resp: 319129

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	9.6	7.8	11.8
68	6.5	5.2	7.8



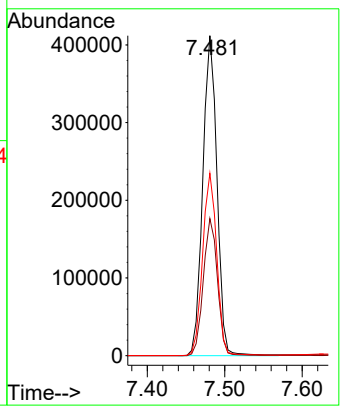


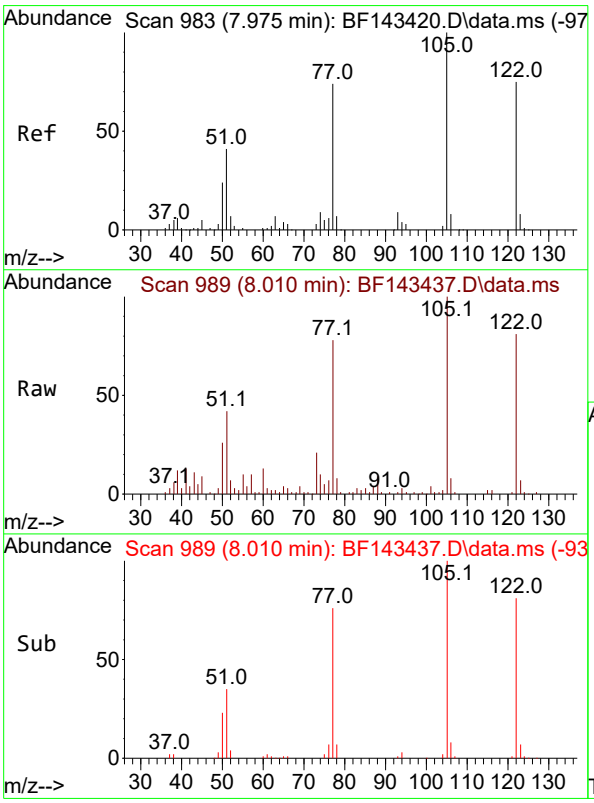
#23
Nitrobenzene-d5
Concen: 97.548 ng
RT: 7.481 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143437.D
Acq: 18 Aug 2025 13:08

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE WATER

Tgt Ion: 82 Resp: 524619

Ion	Ratio	Lower	Upper
82	100		
128	42.8	34.6	52.0
54	57.0	46.0	69.0

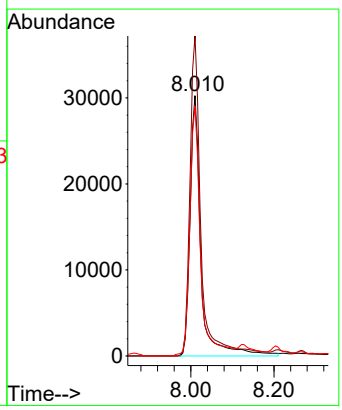


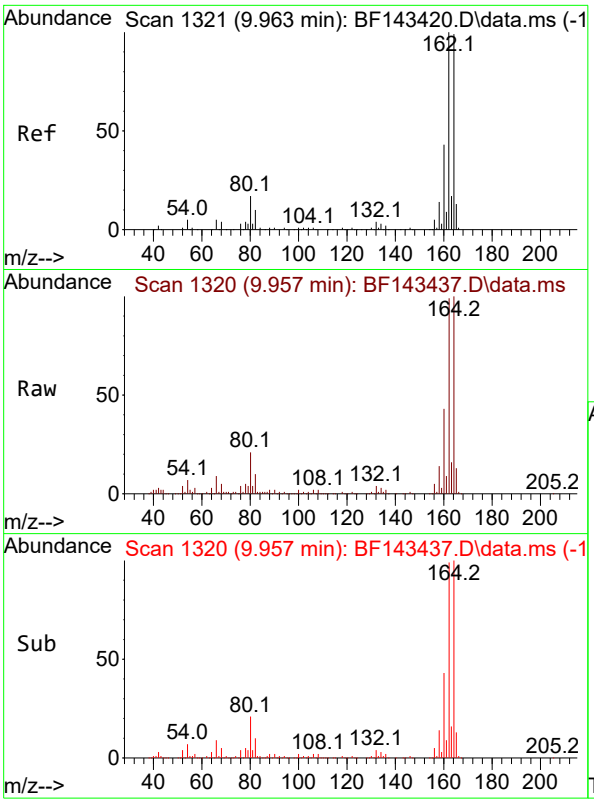


#32
Benzoic acid
Concen: 24.087 ng
RT: 8.010 min Scan# 989
Delta R.T. 0.035 min
Lab File: BF143437.D
Acq: 18 Aug 2025 13:08

Tgt Ion:122 Resp: 55192

Ion	Ratio	Lower	Upper
122	100		
105	122.9	108.4	148.4
77	96.0	75.9	115.9



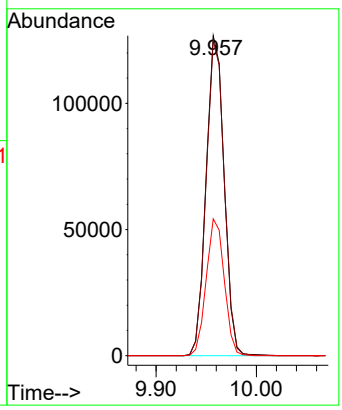


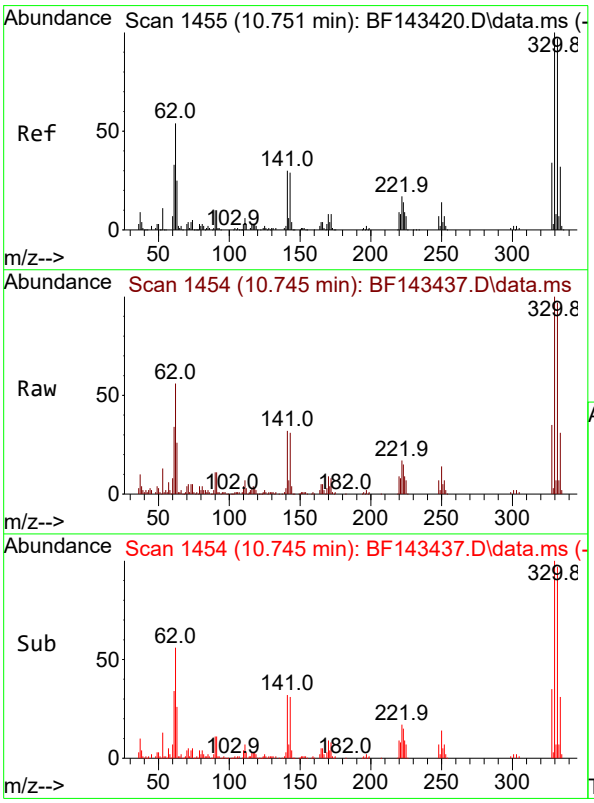
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143437.D
Acq: 18 Aug 2025 13:08

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE WATER

Tgt Ion:164 Resp: 158523

Ion	Ratio	Lower	Upper
164	100		
162	98.5	80.6	121.0
160	42.7	34.6	51.8

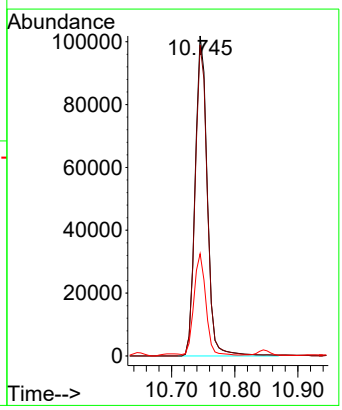


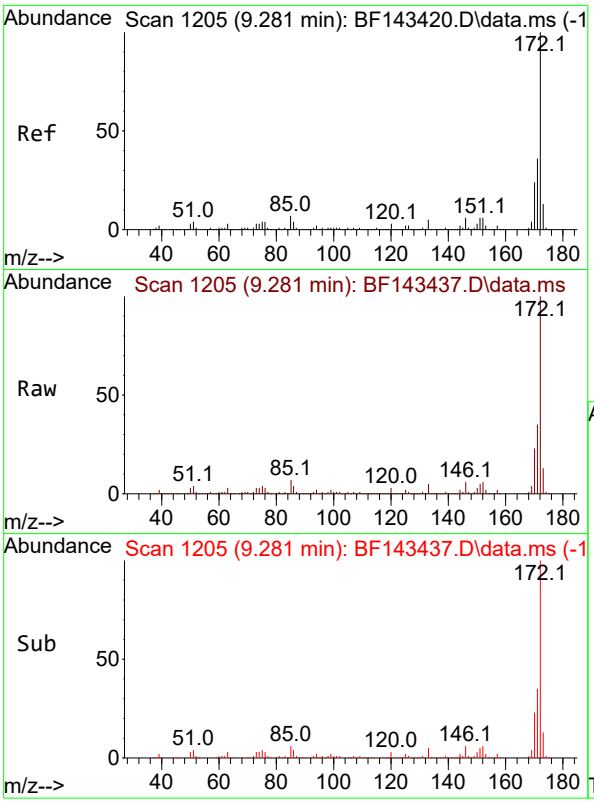


#42
2,4,6-Tribromophenol
Concen: 95.826 ng
RT: 10.745 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF143437.D
Acq: 18 Aug 2025 13:08

Tgt Ion:330 Resp: 135208

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.4	116.2
141	31.7	24.1	36.1



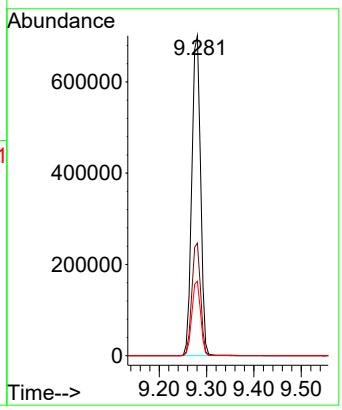


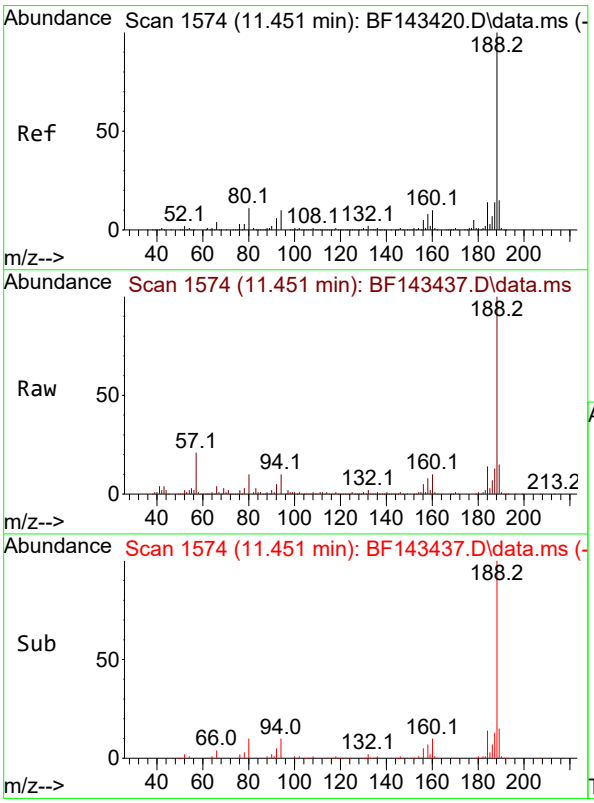
#45
2-Fluorobiphenyl
Concen: 95.682 ng
RT: 9.281 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143437.D
Acq: 18 Aug 2025 13:08

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE WATER

Tgt Ion:172 Resp: 901779

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.7	43.1
170	23.3	19.0	28.6

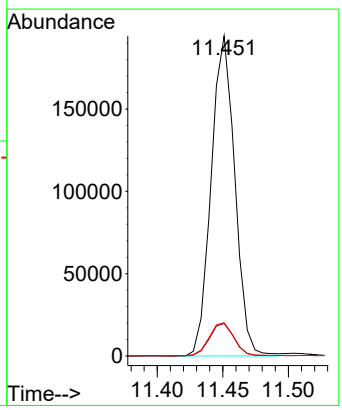


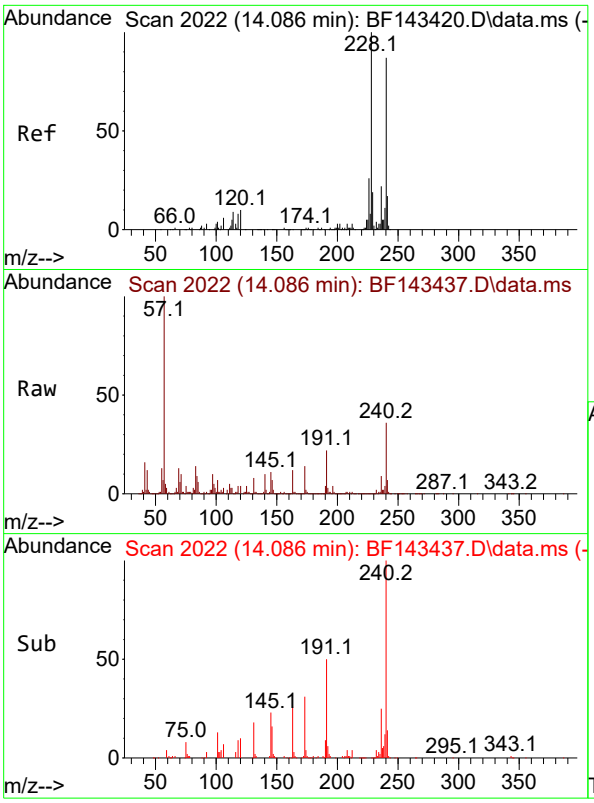


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF143437.D
Acq: 18 Aug 2025 13:08

Tgt Ion:188 Resp: 243989

Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.0	12.0
80	10.4	8.6	12.8



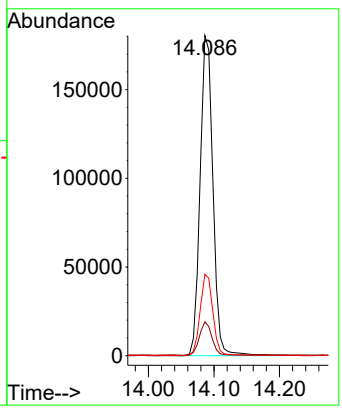


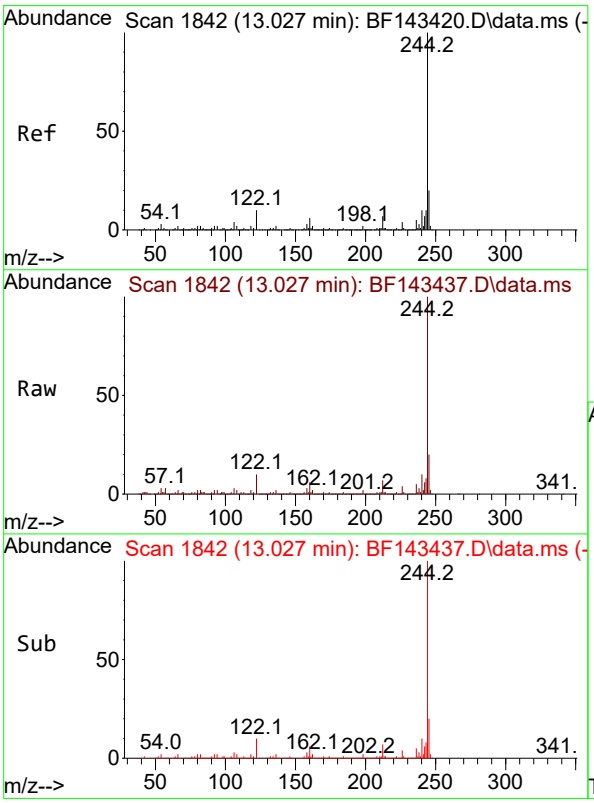
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143437.D
Acq: 18 Aug 2025 13:08

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE WATER

Tgt Ion:240 Resp: 246388

Ion	Ratio	Lower	Upper
240	100		
120	10.6	9.0	13.4
236	25.5	20.2	30.2

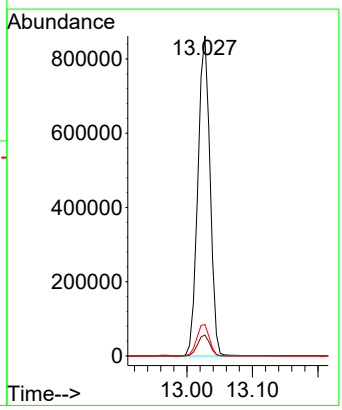


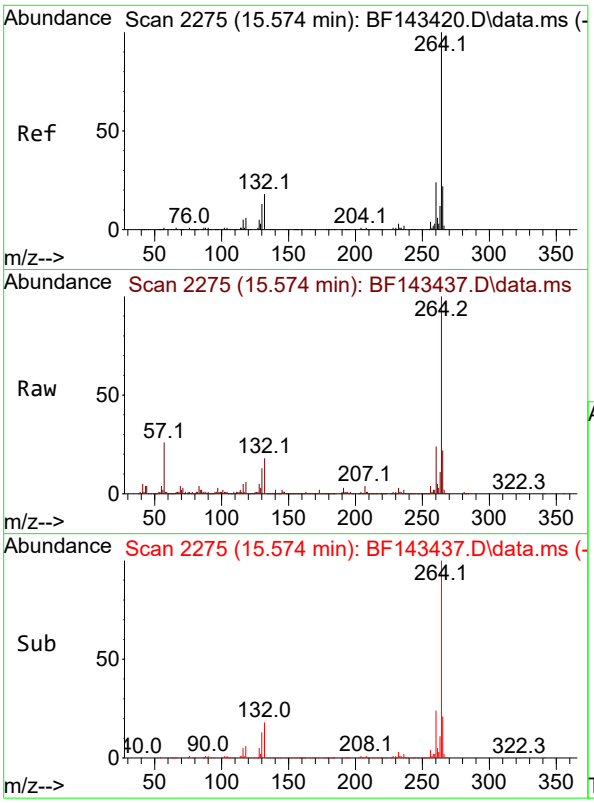


#79
Terphenyl-d14
Concen: 76.120 ng
RT: 13.027 min Scan# 1842
Delta R.T. -0.000 min
Lab File: BF143437.D
Acq: 18 Aug 2025 13:08

Tgt Ion:244 Resp: 1116463

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.2	7.8
122	9.8	8.3	12.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.574 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143437.D
Acq: 18 Aug 2025 13:08

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE WATER

Tgt Ion:264 Resp: 313738

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.8	28.2
265	21.6	17.4	26.0