Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122922\
Data File : BF131887.D
Acq On : 29 Dec 2022 19:58
Operator : CG\JU
Sample : N6206-01DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-1DL

Quant Time: Dec 30 02:12:16 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 30 02:06:40 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	12927	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	43782	20.000	ng	# 0.00
39) Acenaphthene-d10	9.869	164	21102	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	34129	20.000	ng	# 0.00
76) Chrysene-d12	14.010	240	26604	20.000	ng	0.00
86) Perylene-d12	15.492	264	22335	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	47708	61.161	ng	0.00
7) Phenol-d6	6.446	99	36708	35.819	ng	0.00
23) Nitrobenzene-d5	7.387	82	101172	92.261	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	26439	115.316	ng	0.00
45) 2-Fluorobiphenyl	9.187	172	162202	105.285	ng	0.00
79) Terphenyl-d14	12.951	244	119265	75.830	ng	0.00
Target Compounds						Qvalue
18) Hexachloroethane	7.351	117	34828	91.128	ng	# 1
19) n-Nitroso-di-n-propyla...	7.240	70	1475	2.038	ng	# 68
22) Acetophenone	7.210	105	3253	2.534	ng	# 54
24) Nitrobenzene	7.387	77	7434	6.764	ng	# 12
25) Isophorone	7.628	82	3767	2.104	ng	# 1
28) bis(2-Chloroethoxy)met...	7.845	93	2762	2.875	ng	# 42
31) Naphthalene	8.128	128	90704	37.829	ng	# 91
33) 4-Chloroaniline	8.128	127	12519	13.608	ng	# 40
35) Caprolactam	8.557	113	1006	4.627	ng	# 1
37) 2-Methylnaphthalene	8.828	142	268374	166.772	ng	98
38) 1-Methylnaphthalene	8.928	142	228210	145.998	ng	99
48) 2-Nitroaniline	9.386	65	1461	2.982	ng	# 45
49) Acenaphthylene	9.728	152	6688	3.360	ng	# 1
51) 2,6-Dinitrotoluene	9.628	165	846	2.448	ng	# 72
52) Acenaphthene	9.904	154	14466	12.044	ng	# 73
55) Dibenzofuran	10.075	168	13492	7.291	ng	# 7
56) 4-Nitrophenol	9.975	139	8097	32.824	ng	# 45
57) 2,4-Dinitrotoluene	10.075	165	5579	11.804	ng	# 57
58) Fluorene	10.422	166	27665	18.312	ng	# 88
63) Azobenzene	10.586	77	17772	10.422	ng	# 1
66) n-Nitrosodiphenylamine	10.528	169	22866	21.964	ng	# 56
69) Atrazine	11.081	200	907	2.646	ng	# 36
71) Phenanthrene	11.386	178	57876	30.838	ng	# 96
72) Anthracene	11.439	178	8139	4.433	ng	# 69
78) Pyrene	12.810	202	9193	4.123	ng	# 93
84) Bis(2-ethylhexyl)phtha...	13.992	149	2263	2.247	ng	# 55
85) Di-n-octyl phthalate	14.727	149	6307	4.652	ng	# 5
92) Benzo(g,h,i)perylene	17.433	276	207	5.381	ng	# 1

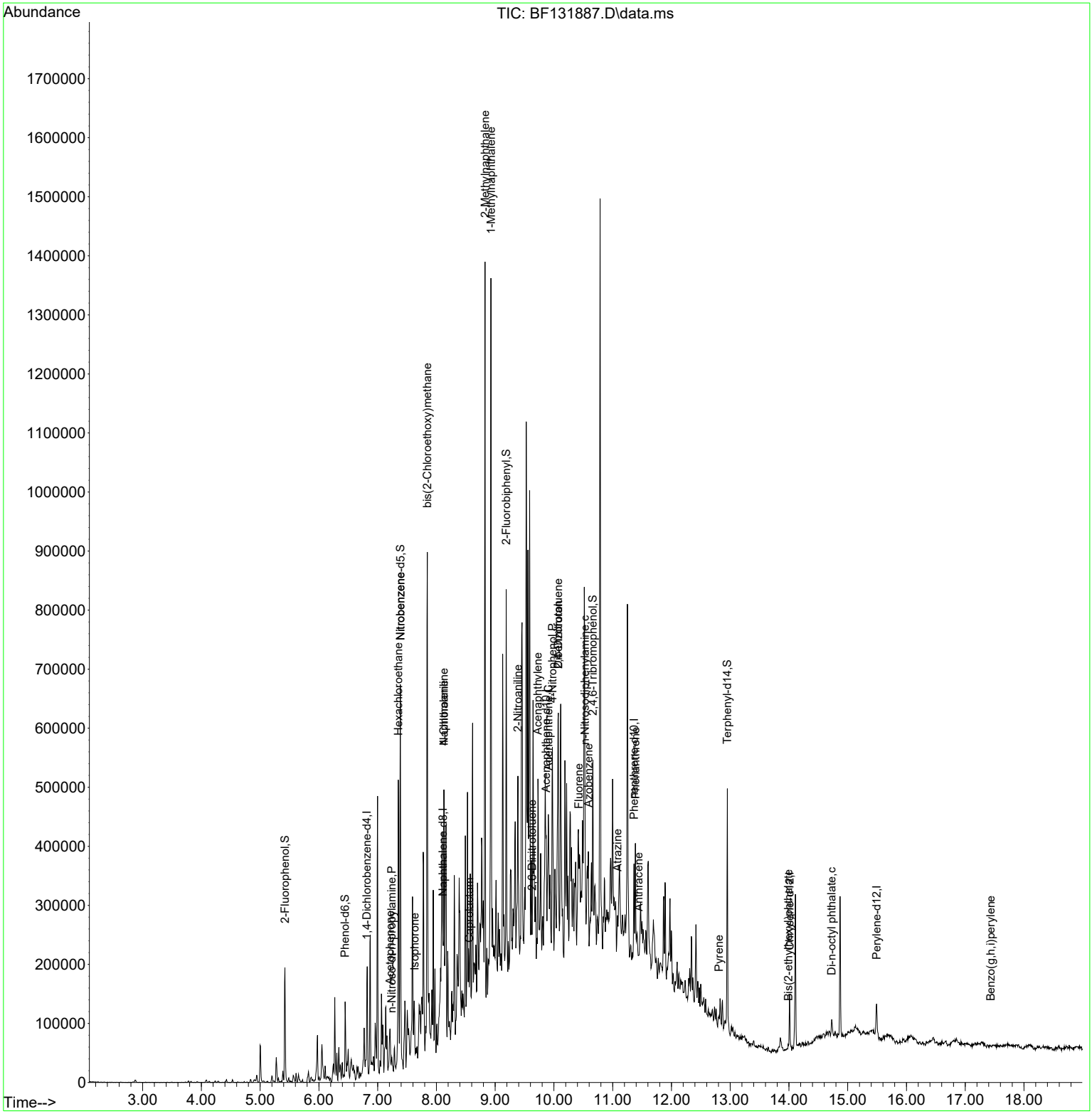
(#) = qualifier out of range (m) = manual integration (+) = signals summed

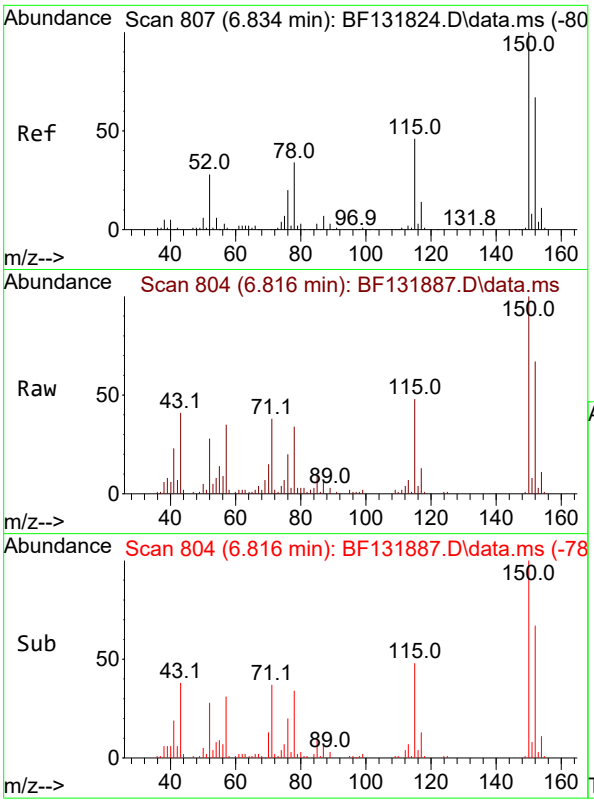
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122922\
Data File : BF131887.D
Acq On : 29 Dec 2022 19:58
Operator : CG\JU
Sample : N6206-01DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-1DL

Quant Time: Dec 30 02:12:16 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 30 02:06:40 2022
Response via : Initial Calibration



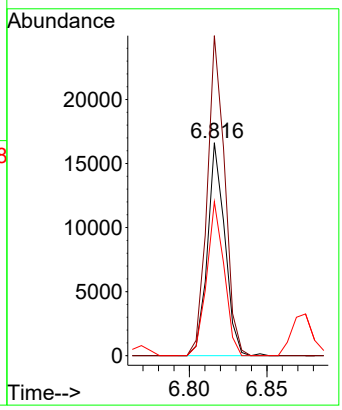


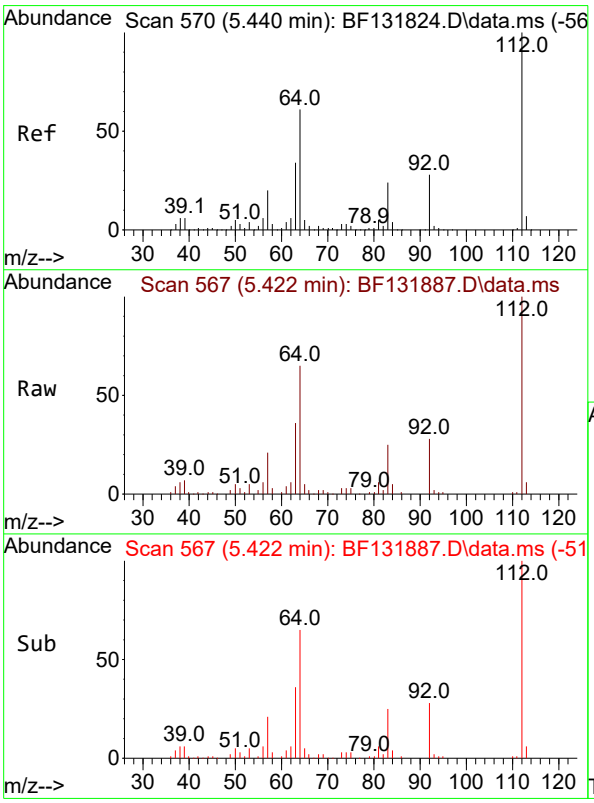
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF131887.D
Acq: 29 Dec 2022 19:58

Instrument :
BNA_F
ClientSampleId :
MW-1DL

Tgt Ion:152 Resp: 12927

Ion	Ratio	Lower	Upper
152	100		
150	150.3	120.0	180.0
115	72.3	55.1	82.7

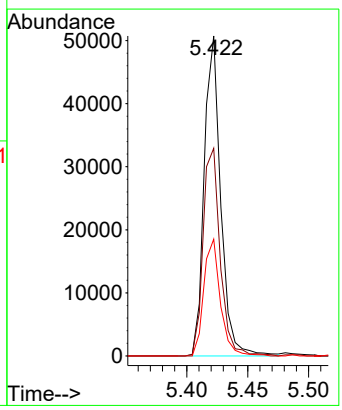


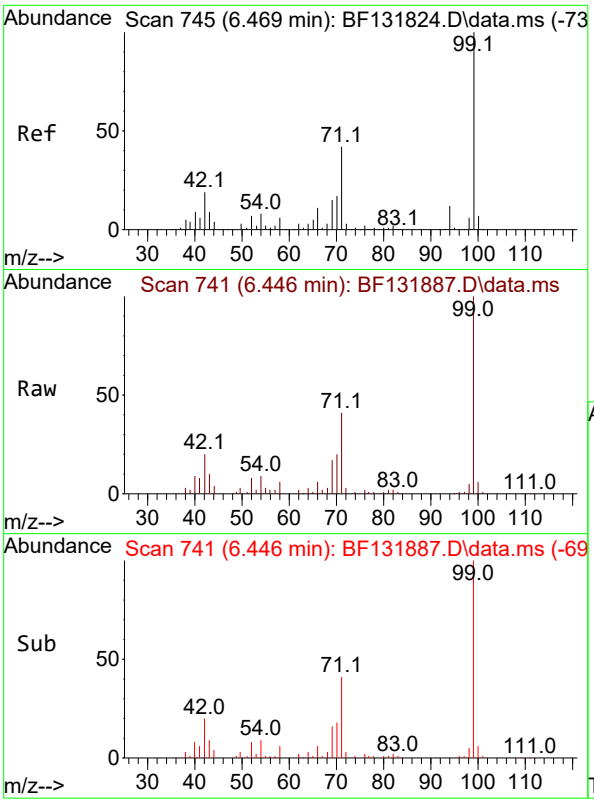


#5
2-Fluorophenol
Concen: 61.161 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.000 min
Lab File: BF131887.D
Acq: 29 Dec 2022 19:58

Tgt Ion:112 Resp: 47708

Ion	Ratio	Lower	Upper
112	100		
64	64.9	49.2	73.8
63	36.5	27.5	41.3



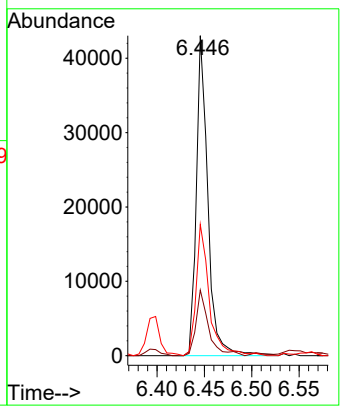


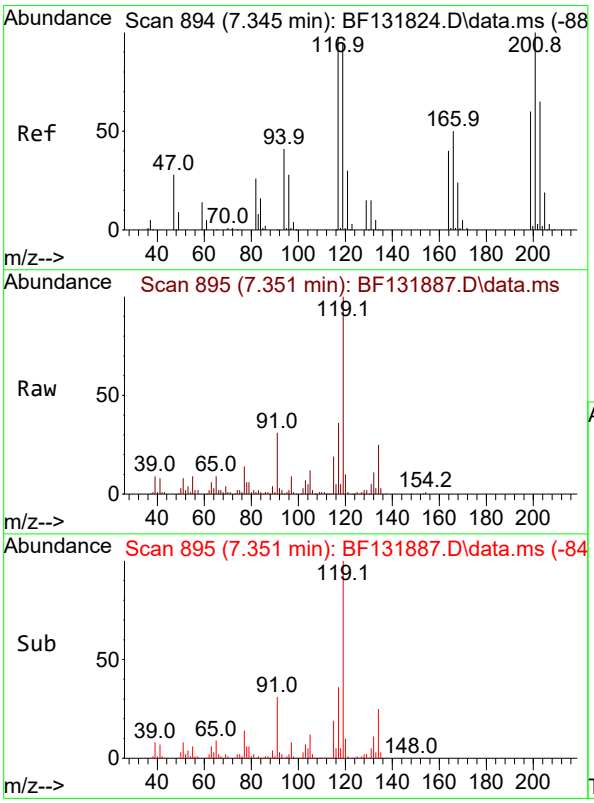
#7
Phenol-d6
Concen: 35.819 ng
RT: 6.446 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF131887.D
Acq: 29 Dec 2022 19:58

Instrument :
BNA_F
ClientSampleId :
MW-1DL

Tgt Ion: 99 Resp: 36708

Ion	Ratio	Lower	Upper
99	100		
42	20.5	15.3	22.9
71	41.0	33.5	50.3

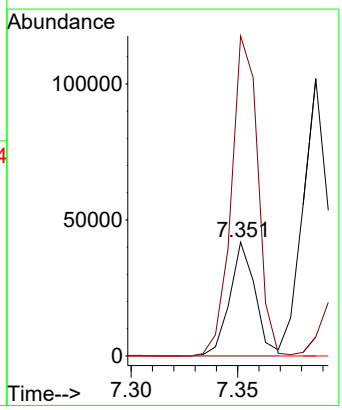


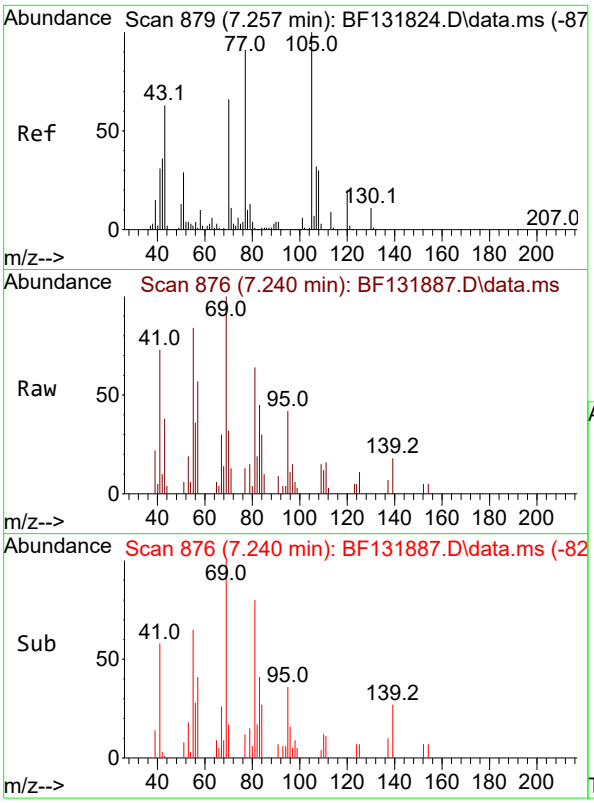


#18
Hexachloroethane
Concen: 91.128 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.018 min
Lab File: BF131887.D
Acq: 29 Dec 2022 19:58

Tgt Ion:117 Resp: 34828

Ion	Ratio	Lower	Upper
117	100		
119	281.1	76.5	114.7#
201	0.0	81.7	122.5#



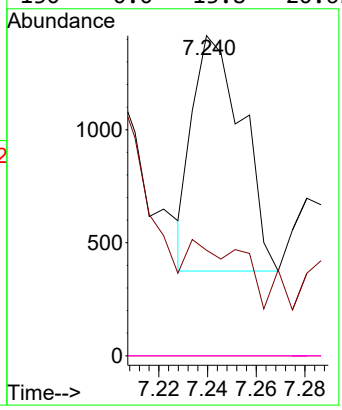


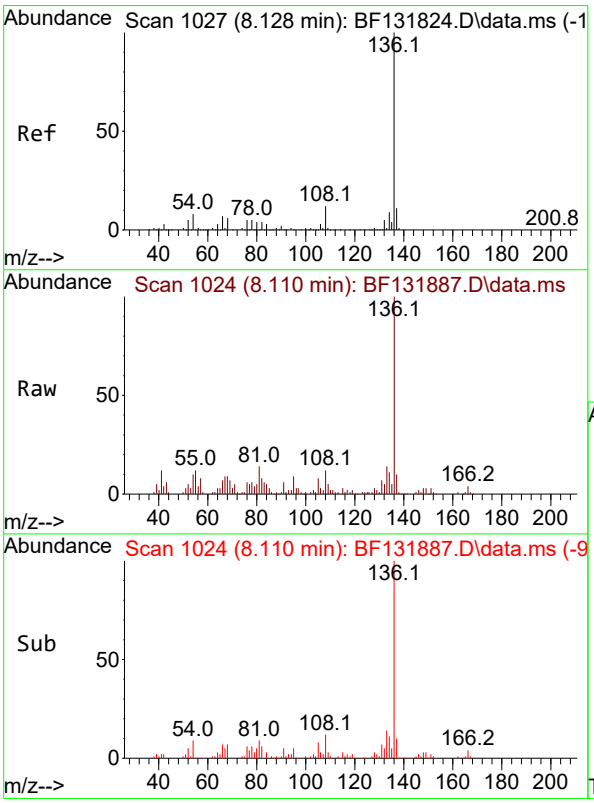
#19
n-Nitroso-di-n-propylamine
Concen: 2.038 ng
RT: 7.240 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF131887.D
Acq: 29 Dec 2022 19:58

Instrument :
BNA_F
ClientSampleId :
MW-1DL

Tgt Ion: 70 Resp: 1475

Ion	Ratio	Lower	Upper
70	100		
42	33.0	43.8	65.6#
101	0.0	7.4	11.0#
130	0.0	13.8	20.6#

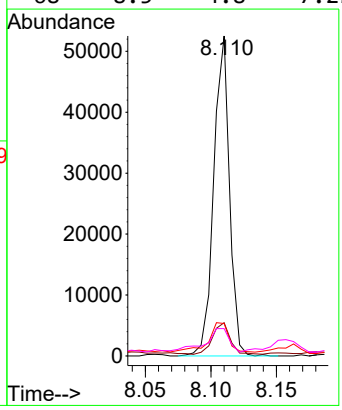


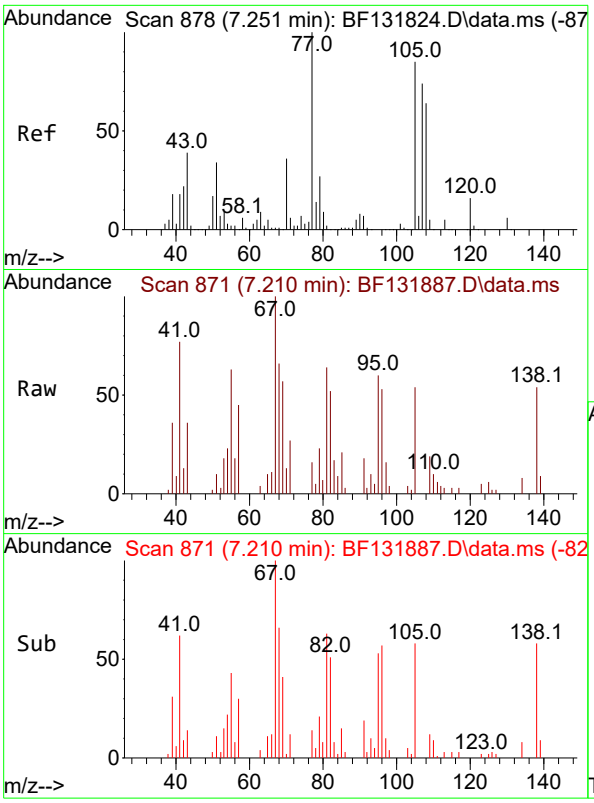


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.000 min
Lab File: BF131887.D
Acq: 29 Dec 2022 19:58

Tgt Ion:136 Resp: 43782

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.6	12.8
54	10.2	6.7	10.1#
68	8.5	4.8	7.2#



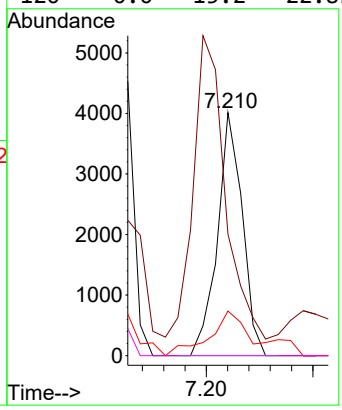


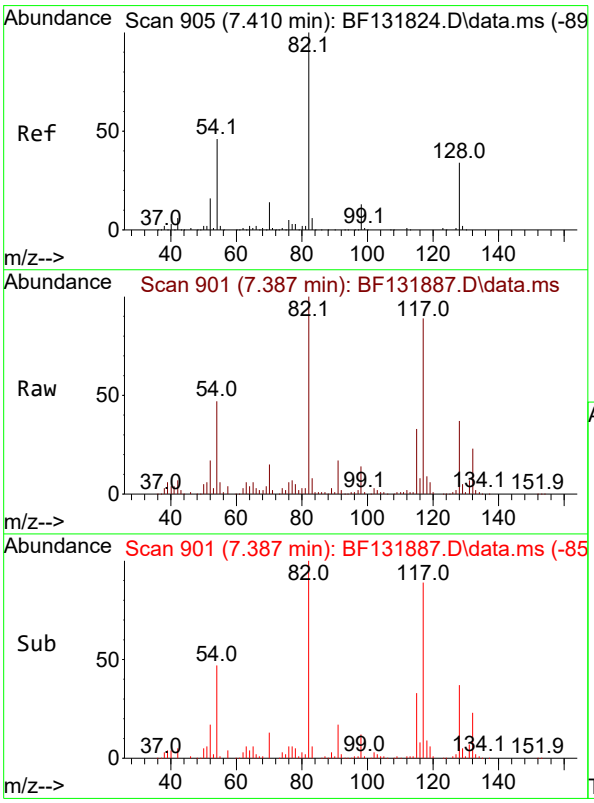
#22
Acetophenone
Concen: 2.534 ng
RT: 7.210 min Scan# 8
Delta R.T. -0.029 min
Lab File: BF131887.D
Acq: 29 Dec 2022 19:58

Instrument :
BNA_F
ClientSampleId :
MW-1DL

Tgt Ion:105 Resp: 3253

Ion	Ratio	Lower	Upper
105	100		
71	50.0	5.4	8.0#
51	18.4	31.9	47.9#
120	0.0	15.2	22.8#

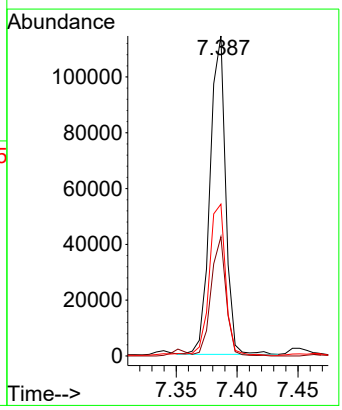


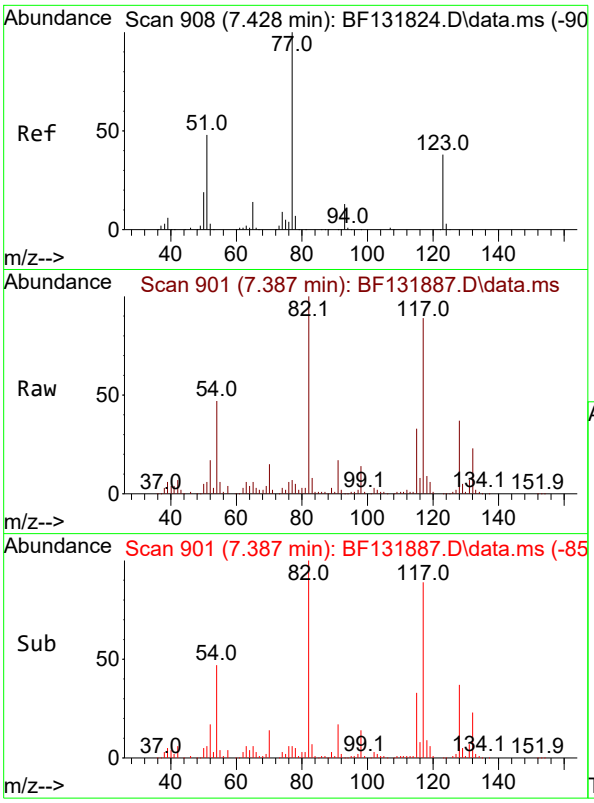


#23
Nitrobenzene-d5
Concen: 92.261 ng
RT: 7.387 min Scan# 901
Delta R.T. -0.006 min
Lab File: BF131887.D
Acq: 29 Dec 2022 19:58

Tgt Ion: 82 Resp: 101172

Ion	Ratio	Lower	Upper
82	100		
128	37.3	27.1	40.7
54	47.5	37.0	55.6



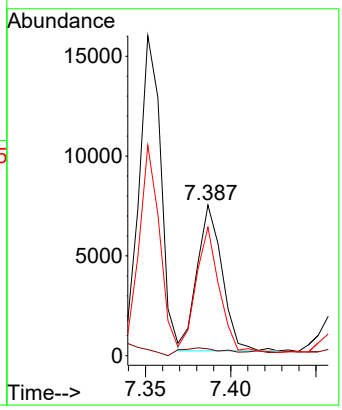


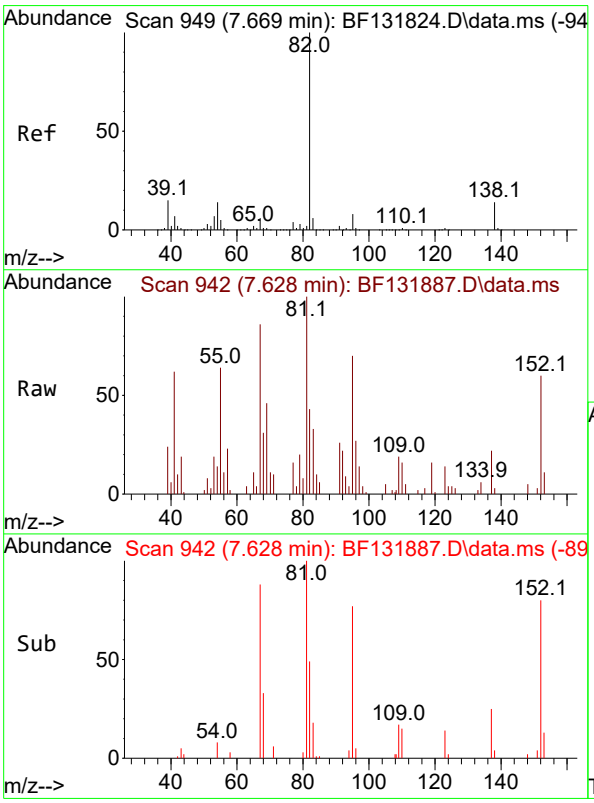
#24
Nitrobenzene
Concen: 6.764 ng
RT: 7.387 min Scan# 9
Delta R.T. -0.024 min
Lab File: BF131887.D
Acq: 29 Dec 2022 19:58

Instrument :
BNA_F
ClientSampleId :
MW-1DL

Tgt Ion: 77 Resp: 7434

Ion	Ratio	Lower	Upper
77	100		
123	4.6	30.4	45.6#
65	85.3	11.1	16.7#

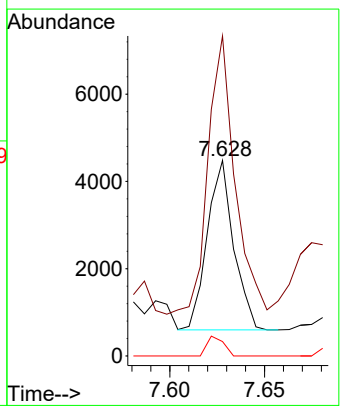


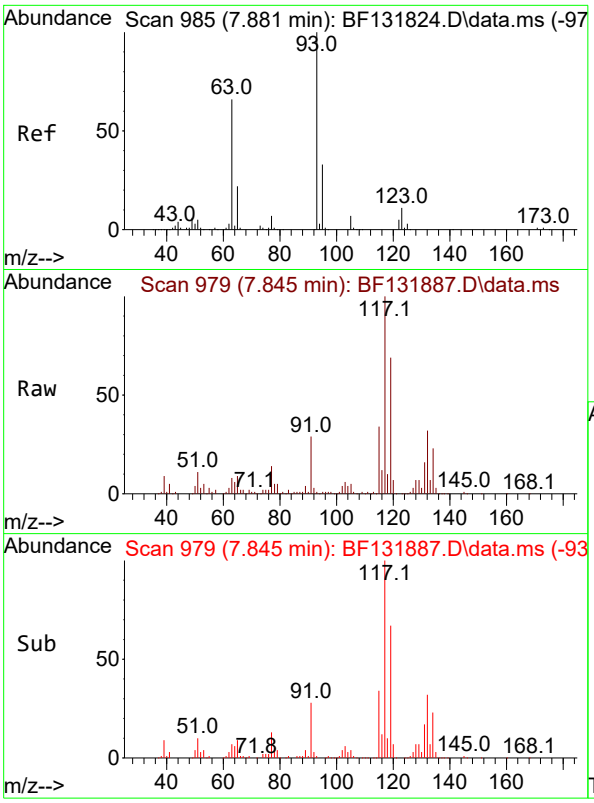


#25
Isophorone
Concen: 2.104 ng
RT: 7.628 min Scan# 942
Delta R.T. -0.024 min
Lab File: BF131887.D
Acq: 29 Dec 2022 19:58

Tgt Ion: 82 Resp: 3767

Ion	Ratio	Lower	Upper
82	100		
95	163.7	6.2	9.4#
138	7.3	11.5	17.3#



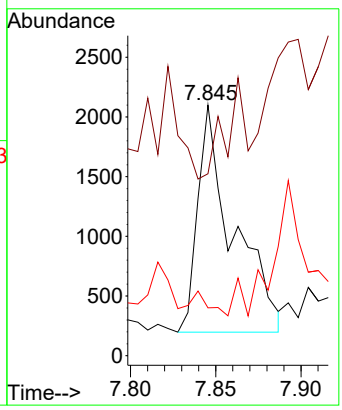


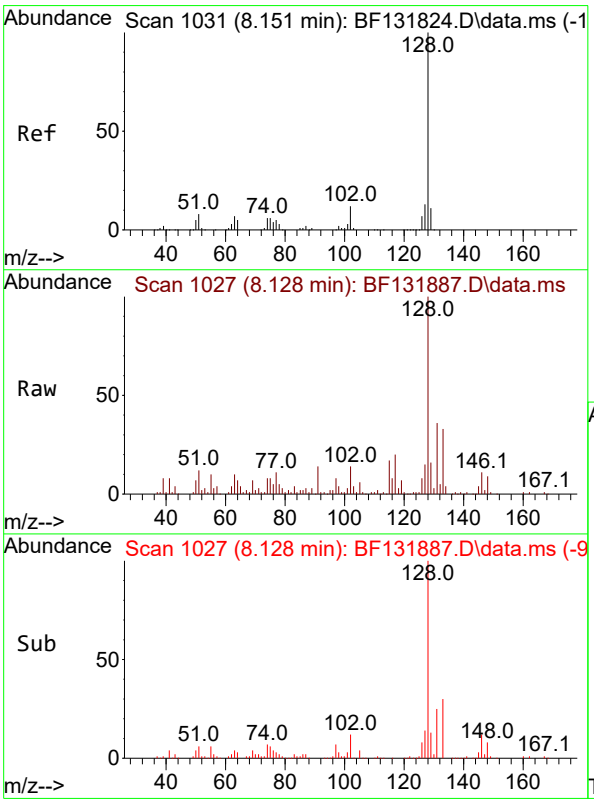
#28
bis(2-Chloroethoxy)methane
Concen: 2.875 ng
RT: 7.845 min Scan# 9
Delta R.T. -0.018 min
Lab File: BF131887.D
Acq: 29 Dec 2022 19:58

Instrument :
BNA_F
ClientSampleId :
MW-1DL

Tgt Ion: 93 Resp: 2762

Ion	Ratio	Lower	Upper
93	100		
95	72.6	26.3	39.5#
123	19.1	8.7	13.1#

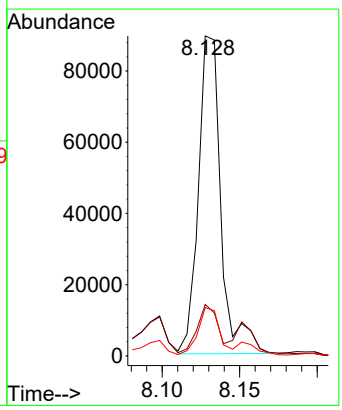


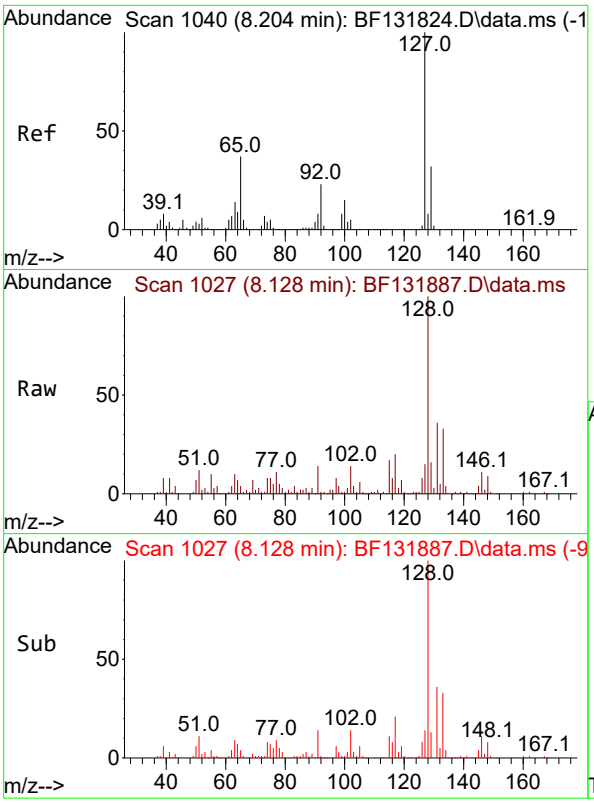


#31
Naphthalene
Concen: 37.829 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF131887.D
Acq: 29 Dec 2022 19:58

Tgt Ion:128 Resp: 90704

Ion	Ratio	Lower	Upper
128	100		
129	16.1	8.6	13.0#
127	15.1	10.6	15.8



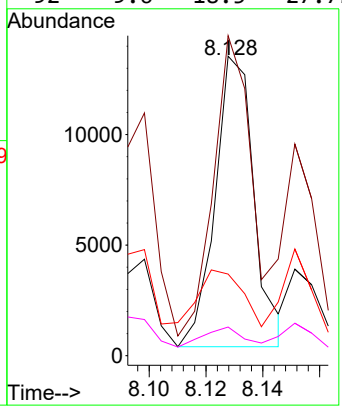


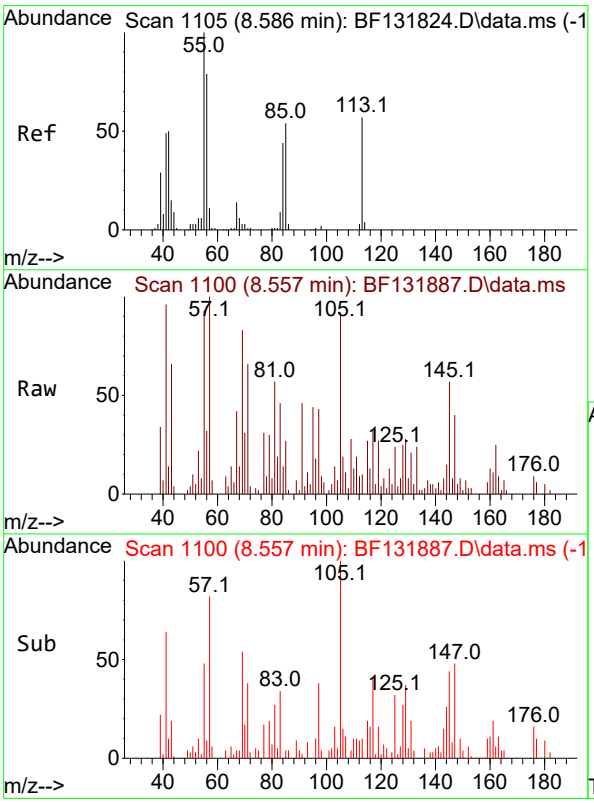
#33
4-Chloroaniline
Concen: 13.608 ng
RT: 8.128 min Scan# 1
Delta R.T. -0.059 min
Lab File: BF131887.D
Acq: 29 Dec 2022 19:58

Instrument :
BNA_F
ClientSampleId :
MW-1DL

Tgt Ion:127 Resp: 12519

Ion	Ratio	Lower	Upper
127	100		
129	106.8	25.8	38.8#
65	27.3	29.7	44.5#
92	9.6	18.5	27.7#

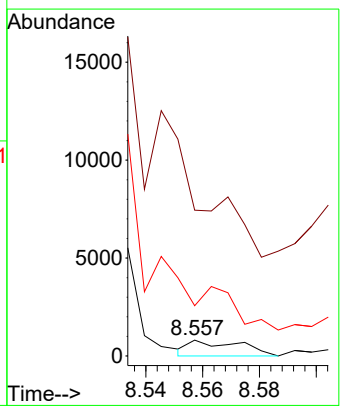


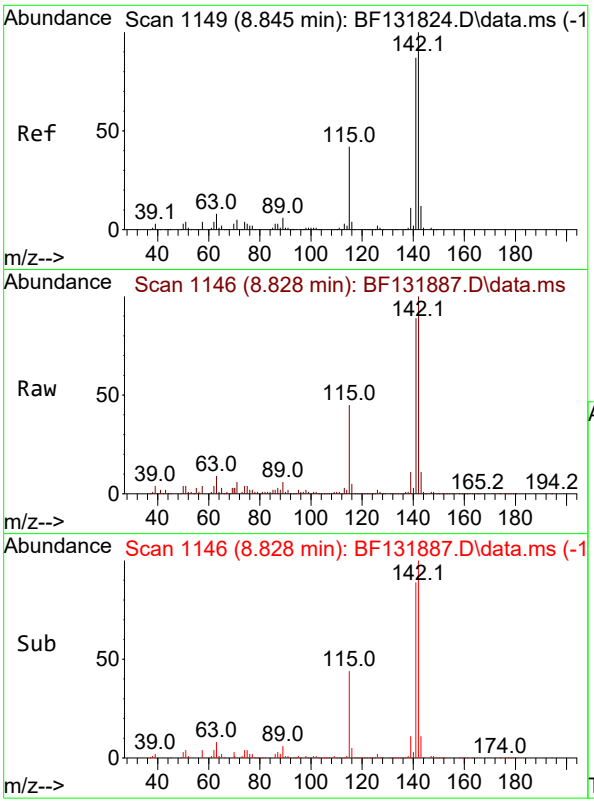


#35
Caprolactam
Concen: 4.627 ng
RT: 8.557 min Scan# 1100
Delta R.T. -0.012 min
Lab File: BF131887.D
Acq: 29 Dec 2022 19:58

Tgt Ion:113 Resp: 1006

Ion	Ratio	Lower	Upper
113	100		
55	917.5	153.3	193.3#
56	316.6	116.3	156.3#



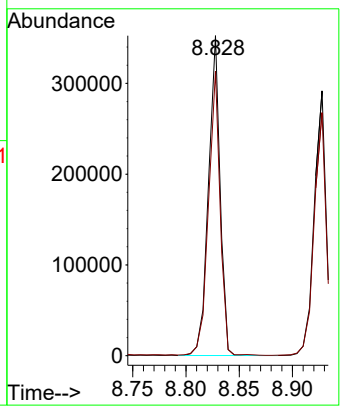


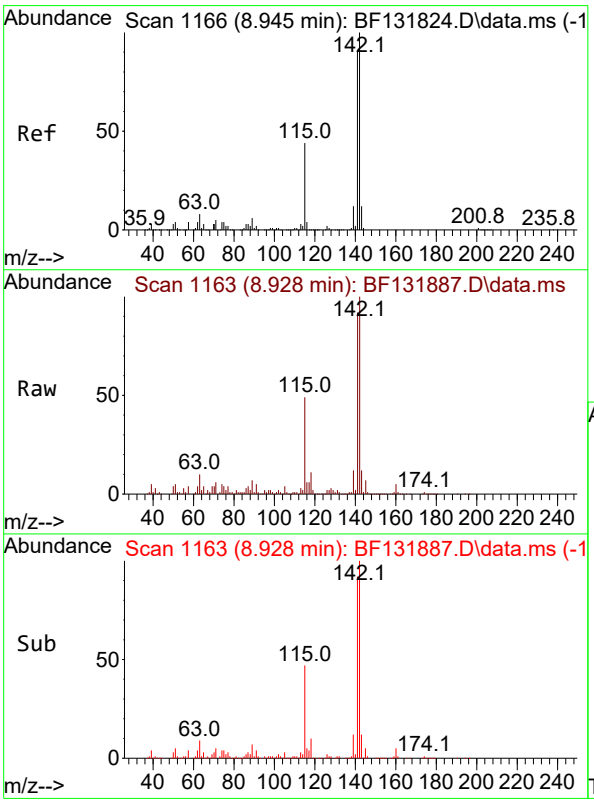
#37
2-Methylnaphthalene
Concen: 166.772 ng
RT: 8.828 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF131887.D
Acq: 29 Dec 2022 19:58

Instrument :
BNA_F
ClientSampleId :
MW-1DL

Tgt Ion:142 Resp: 268374

Ion	Ratio	Lower	Upper
142	100		
141	88.9	69.8	104.8

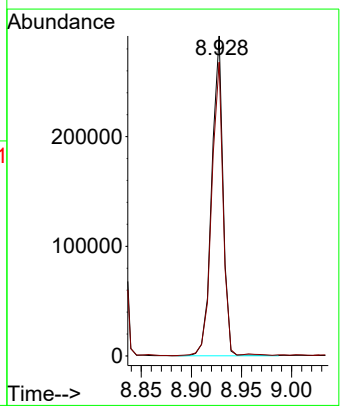


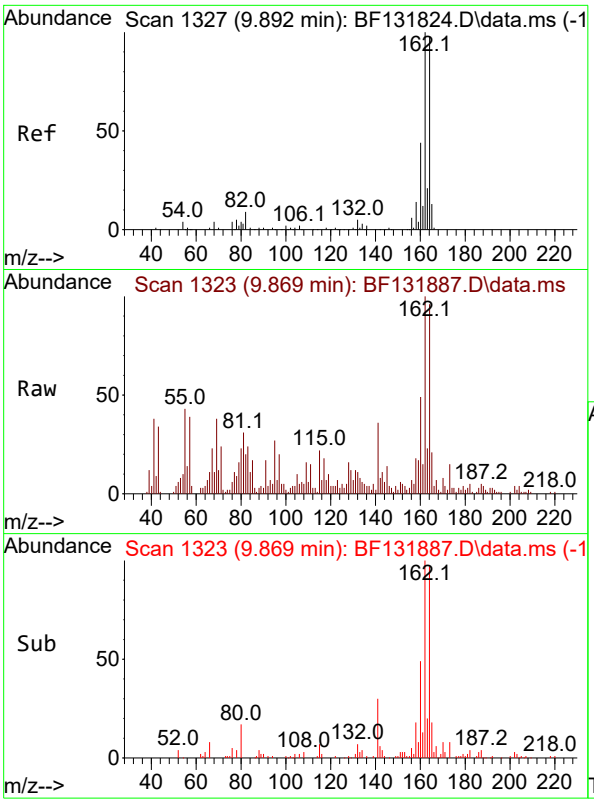


#38
1-Methylnaphthalene
Concen: 145.998 ng
RT: 8.928 min Scan# 1163
Delta R.T. -0.000 min
Lab File: BF131887.D
Acq: 29 Dec 2022 19:58

Tgt Ion:142 Resp: 228210

Ion	Ratio	Lower	Upper
142	100		
141	91.8	73.0	109.6



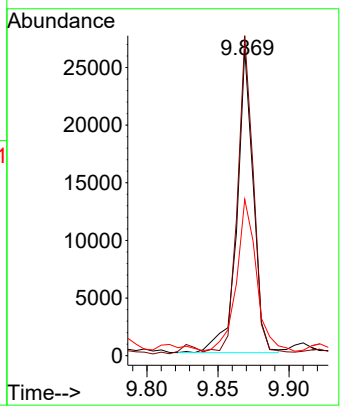


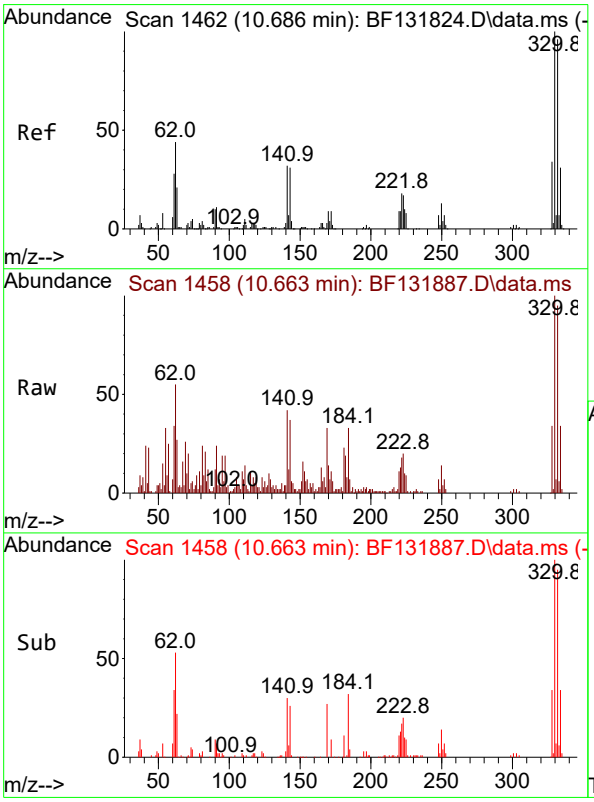
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF131887.D
Acq: 29 Dec 2022 19:58

Instrument :
BNA_F
ClientSampleId :
MW-1DL

Tgt Ion:164 Resp: 21102

Ion	Ratio	Lower	Upper
164	100		
162	104.5	81.8	122.6
160	51.0	35.7	53.5

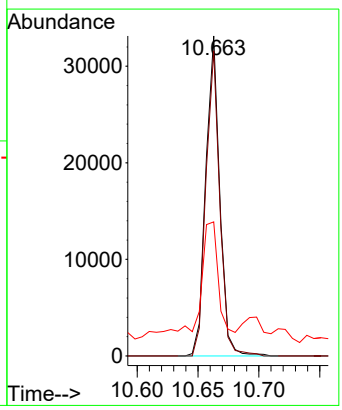


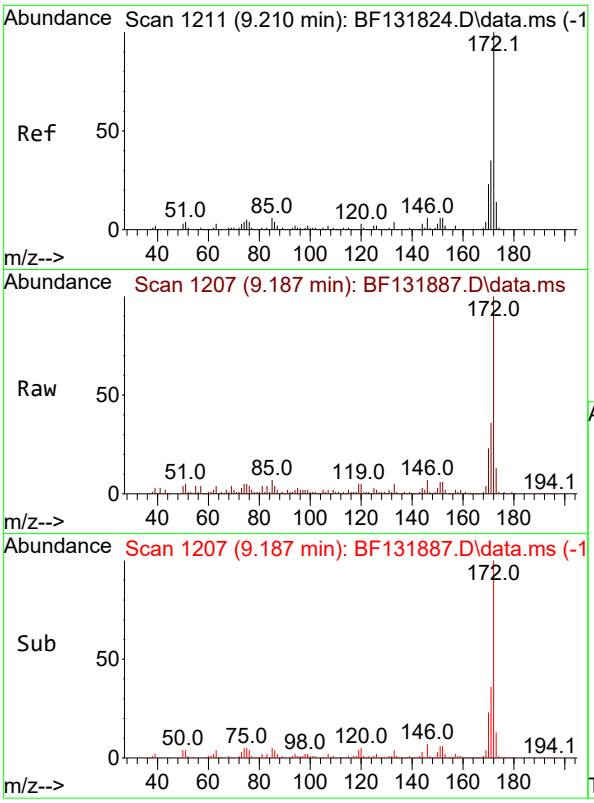


#42
2,4,6-Tribromophenol
Concen: 115.316 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF131887.D
Acq: 29 Dec 2022 19:58

Tgt Ion:330 Resp: 26439

Ion	Ratio	Lower	Upper
330	100		
332	94.4	77.0	115.4
141	50.4	31.0	46.4#



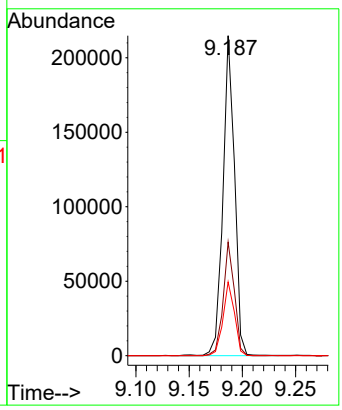


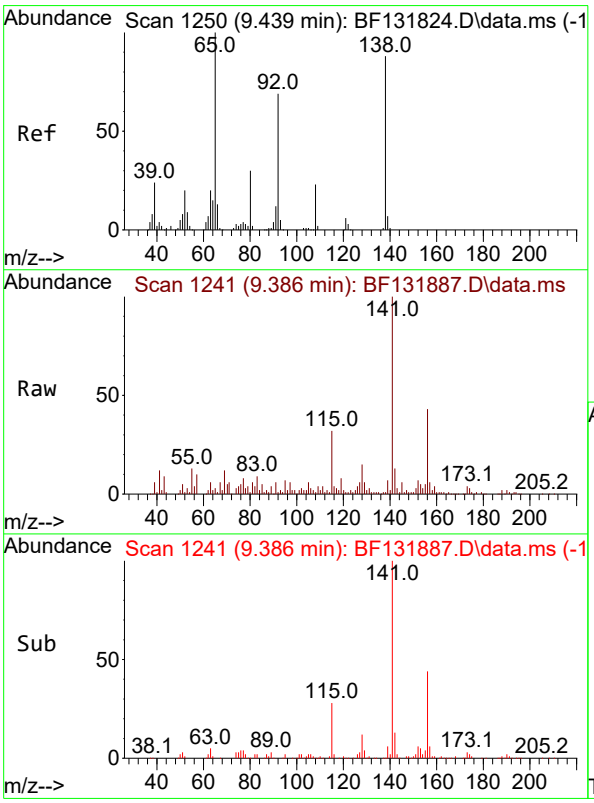
#45
2-Fluorobiphenyl
Concen: 105.285 ng
RT: 9.187 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF131887.D
Acq: 29 Dec 2022 19:58

Instrument :
BNA_F
ClientSampleId :
MW-1DL

Tgt Ion:172 Resp: 162202

Ion	Ratio	Lower	Upper
172	100		
171	35.5	27.9	41.9
170	23.0	18.7	28.1

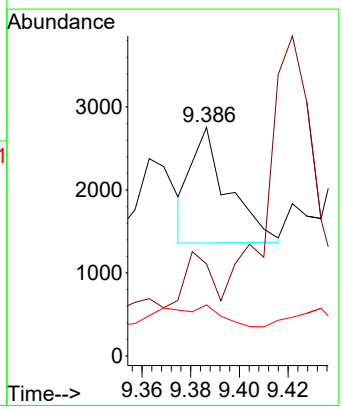


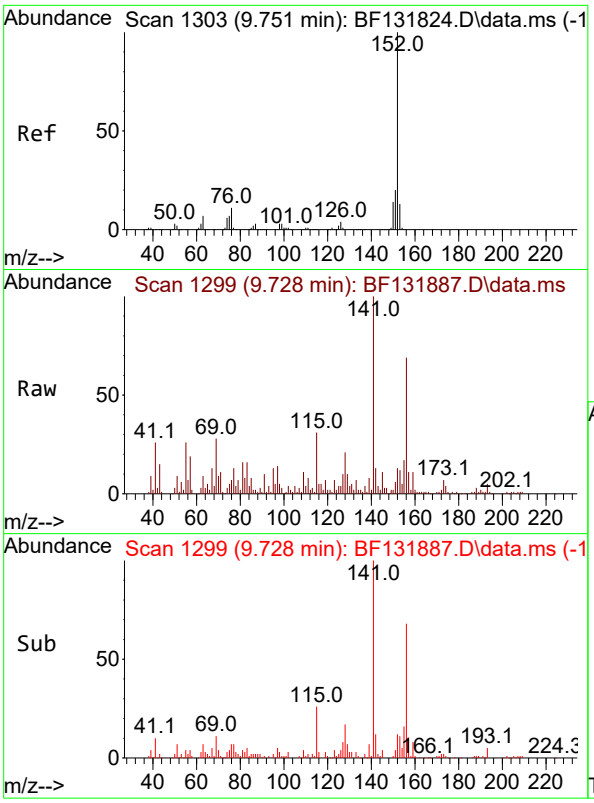


#48
2-Nitroaniline
Concen: 2.982 ng
RT: 9.386 min Scan# 1241
Delta R.T. -0.035 min
Lab File: BF131887.D
Acq: 29 Dec 2022 19:58

Tgt Ion: 65 Resp: 1461

Ion	Ratio	Lower	Upper
65	100		
92	40.2	55.0	82.6#
138	22.3	70.4	105.6#



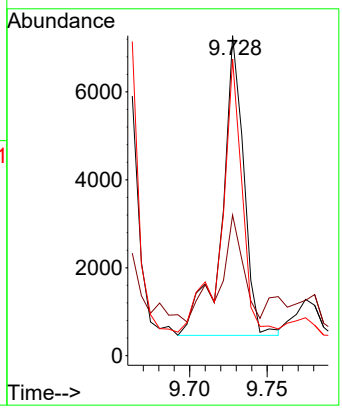


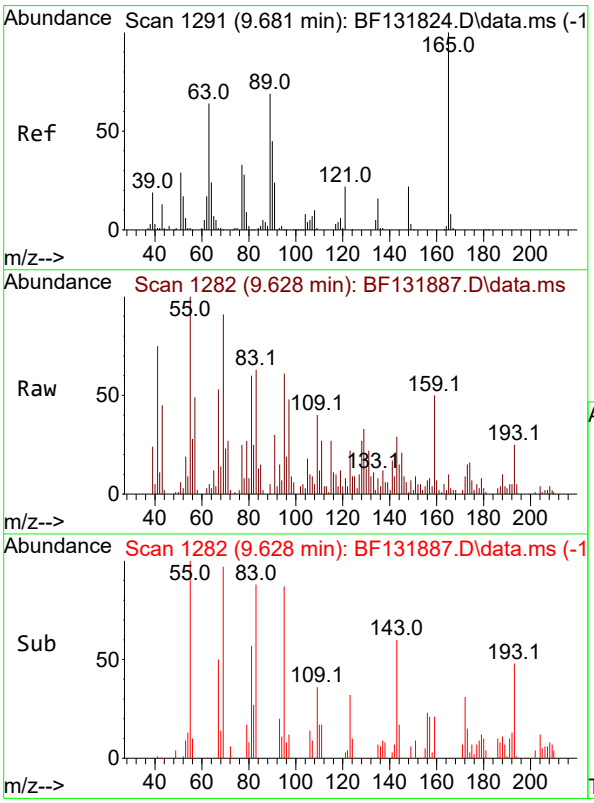
#49
Acenaphthylene
Concen: 3.360 ng
RT: 9.728 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF131887.D
Acq: 29 Dec 2022 19:58

Instrument :
BNA_F
ClientSampleId :
MW-1DL

Tgt Ion:152 Resp: 6688

Ion	Ratio	Lower	Upper
152	100		
151	44.0	15.8	23.6#
153	92.7	10.2	15.4#

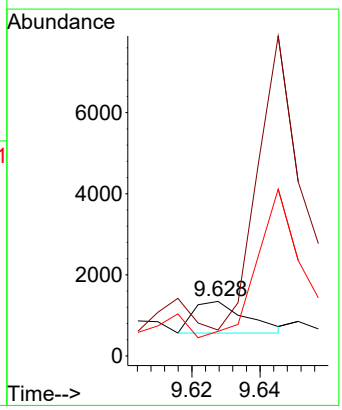


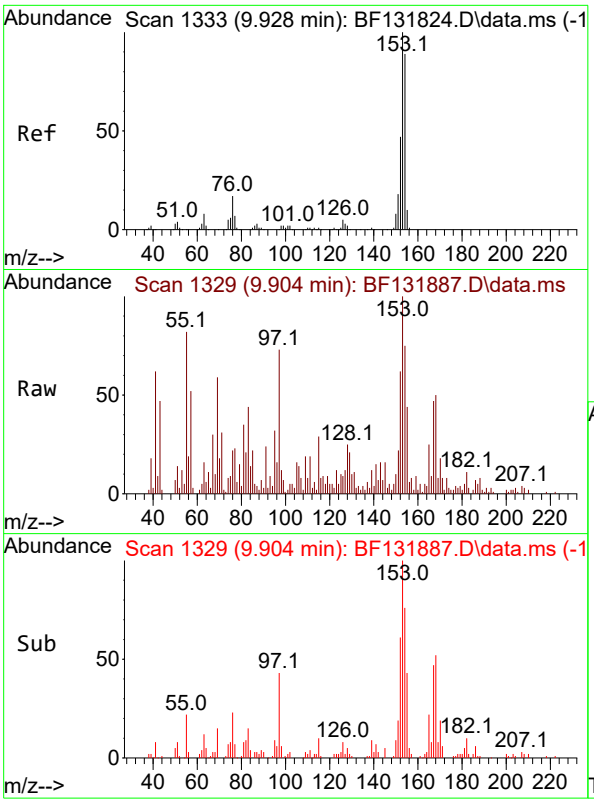


#51
2,6-Dinitrotoluene
Concen: 2.448 ng
RT: 9.628 min Scan# 1282
Delta R.T. -0.035 min
Lab File: BF131887.D
Acq: 29 Dec 2022 19:58

Tgt Ion:165 Resp: 846

Ion	Ratio	Lower	Upper
165	100		
63	47.5	55.1	82.7#
89	45.1	55.0	82.4#



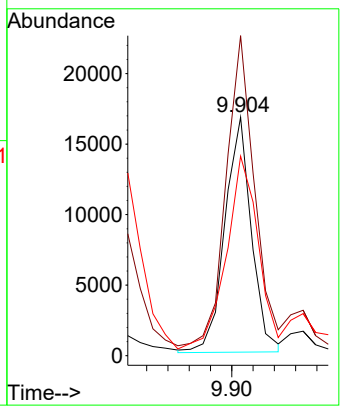


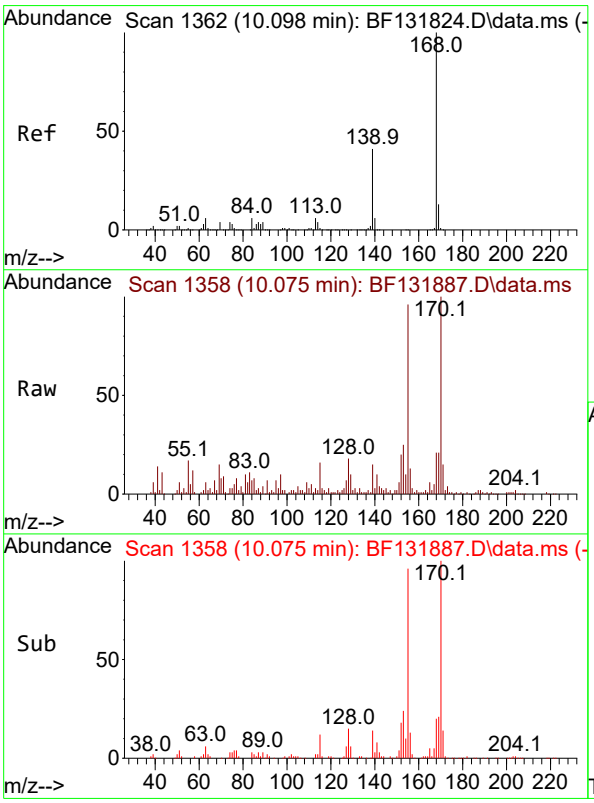
#52
Acenaphthene
Concen: 12.044 ng
RT: 9.904 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF131887.D
Acq: 29 Dec 2022 19:58

Instrument :
BNA_F
ClientSampleId :
MW-1DL

Tgt Ion:154 Resp: 14466

Ion	Ratio	Lower	Upper
154	100		
153	134.2	90.2	135.2
152	83.7	42.5	63.7#

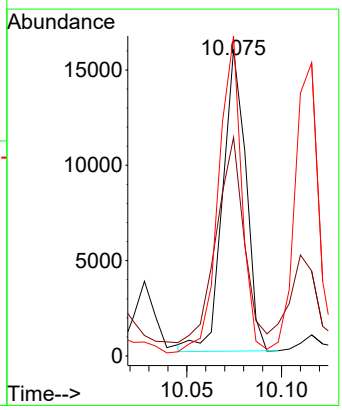


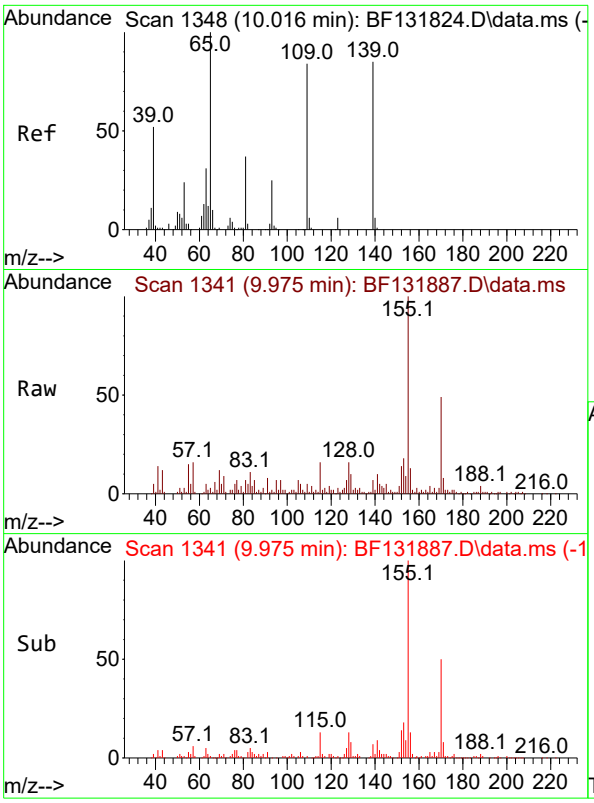


#55
Dibenzofuran
Concen: 7.291 ng
RT: 10.075 min Scan# 1358
Delta R.T. -0.006 min
Lab File: BF131887.D
Acq: 29 Dec 2022 19:58

Tgt Ion:168 Resp: 13492

Ion	Ratio	Lower	Upper
168	100		
139	71.3	32.6	49.0#
169	104.5	10.5	15.7#



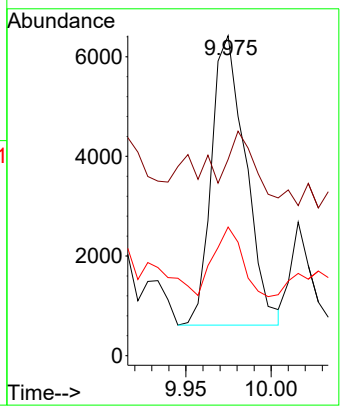


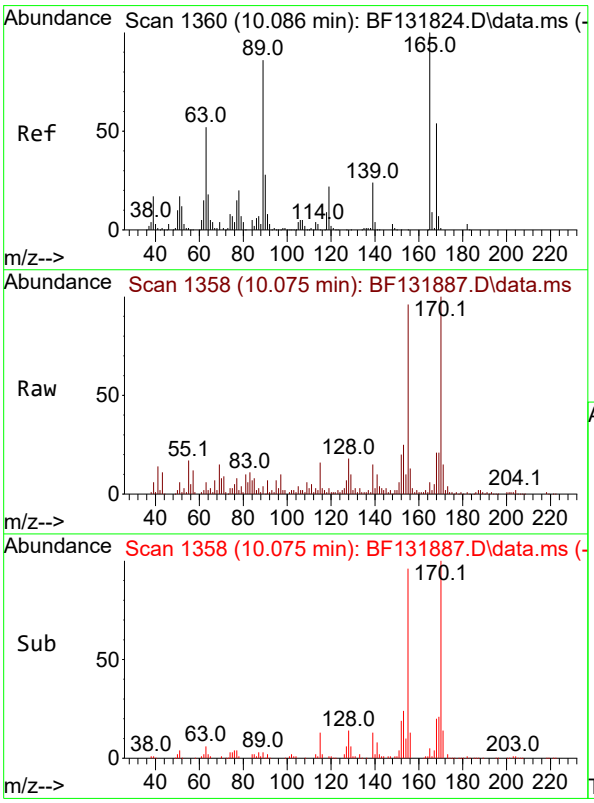
#56
4-Nitrophenol
Concen: 32.824 ng
RT: 9.975 min Scan# 1
Delta R.T. -0.024 min
Lab File: BF131887.D
Acq: 29 Dec 2022 19:58

Instrument :
BNA_F
ClientSampleId :
MW-1DL

Tgt Ion:139 Resp: 8097

Ion	Ratio	Lower	Upper
139	100		
109	61.4	78.5	118.5#
65	40.2	97.5	137.5#

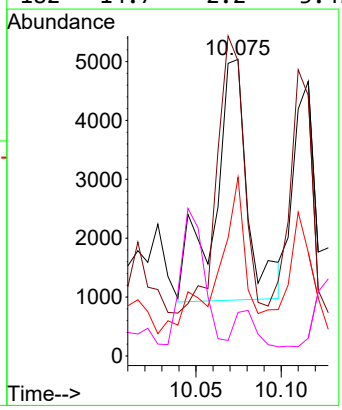


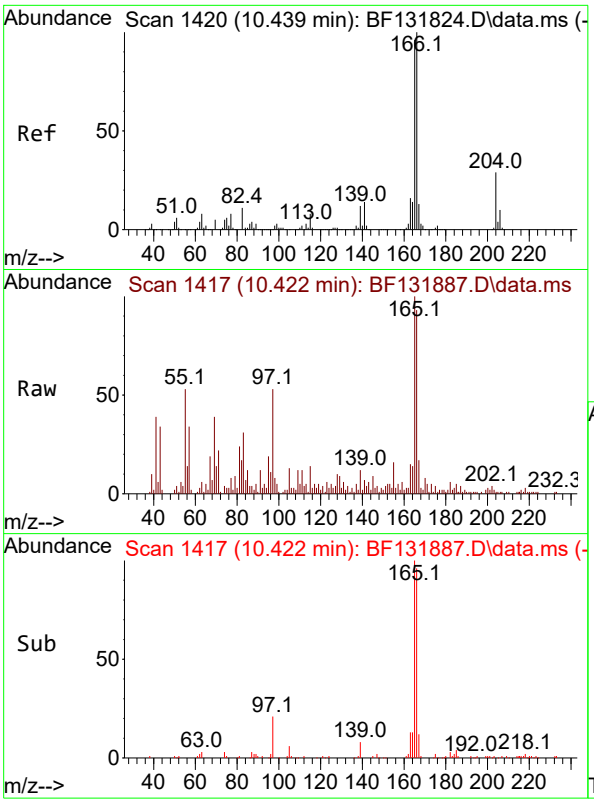


#57
2,4-Dinitrotoluene
Concen: 11.804 ng
RT: 10.075 min Scan# 1358
Delta R.T. 0.006 min
Lab File: BF131887.D
Acq: 29 Dec 2022 19:58

Tgt Ion:165 Resp: 5579

Ion	Ratio	Lower	Upper
165	100		
63	99.4	42.1	63.1#
89	60.3	69.1	103.7#
182	14.7	2.2	3.4#



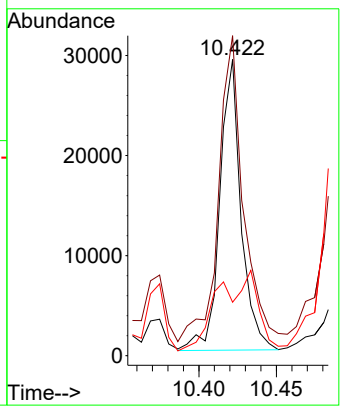


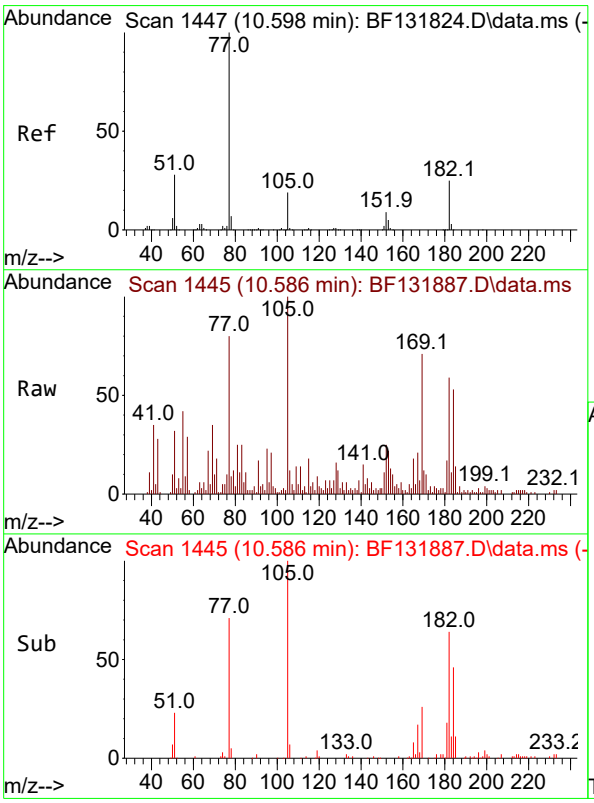
#58
Fluorene
Concen: 18.312 ng
RT: 10.422 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF131887.D
Acq: 29 Dec 2022 19:58

Instrument :
BNA_F
ClientSampleId :
MW-1DL

Tgt Ion:166 Resp: 27665

Ion	Ratio	Lower	Upper
166	100		
165	108.0	77.0	115.4
167	18.0	10.4	15.6#

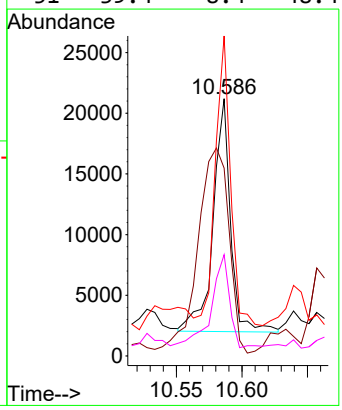


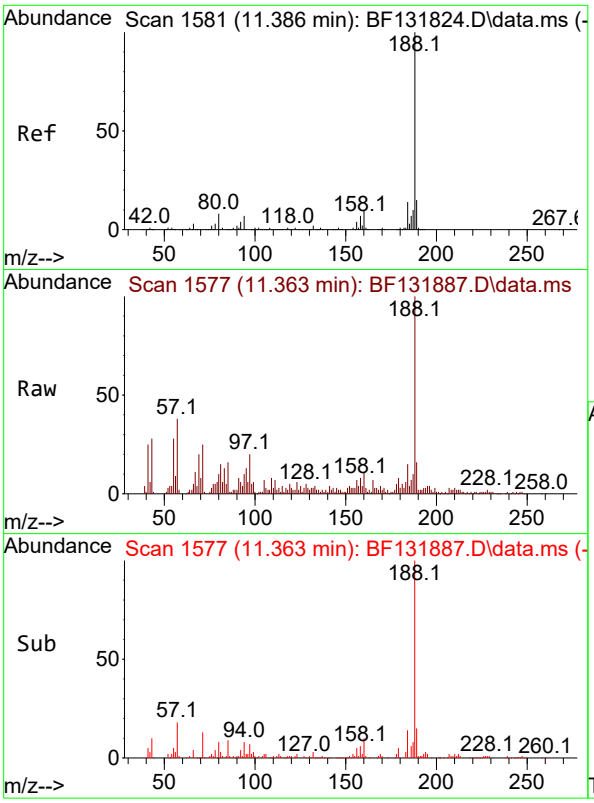


#63
Azobenzene
Concen: 10.422 ng
RT: 10.586 min Scan# 1445
Delta R.T. 0.012 min
Lab File: BF131887.D
Acq: 29 Dec 2022 19:58

Tgt Ion: 77 Resp: 17772

Ion	Ratio	Lower	Upper
77	100		
182	73.0	5.0	45.0#
105	124.4	0.0	39.4#
51	39.4	8.4	48.4



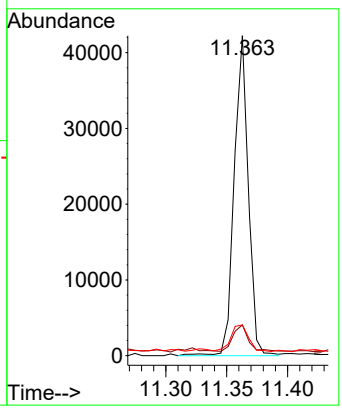


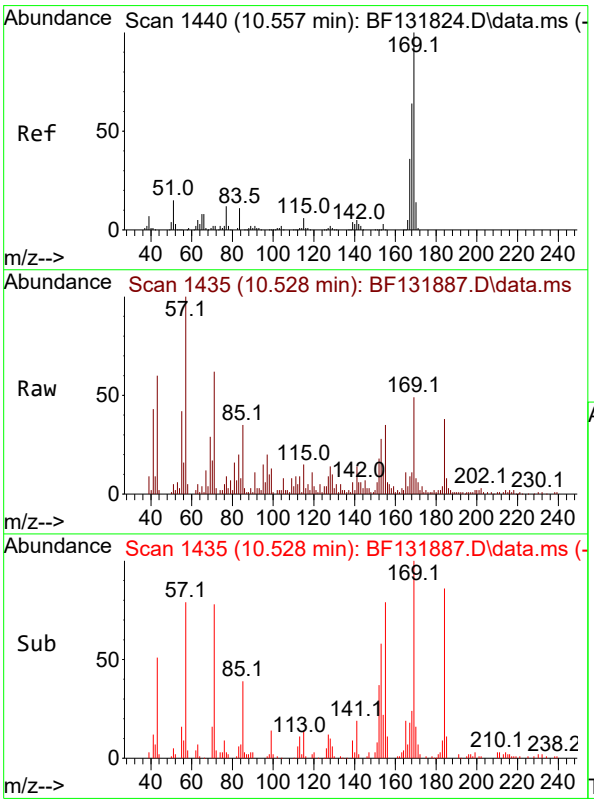
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF131887.D
Acq: 29 Dec 2022 19:58

Instrument :
BNA_F
ClientSampleId :
MW-1DL

Tgt Ion:188 Resp: 34129

Ion	Ratio	Lower	Upper
188	100		
94	9.6	5.8	8.6#
80	9.6	6.7	10.1

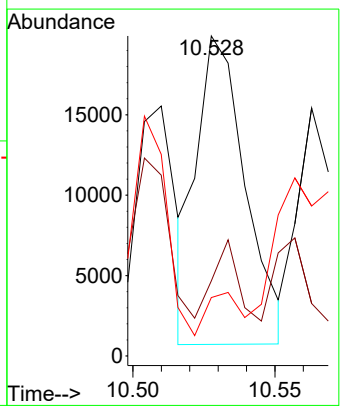


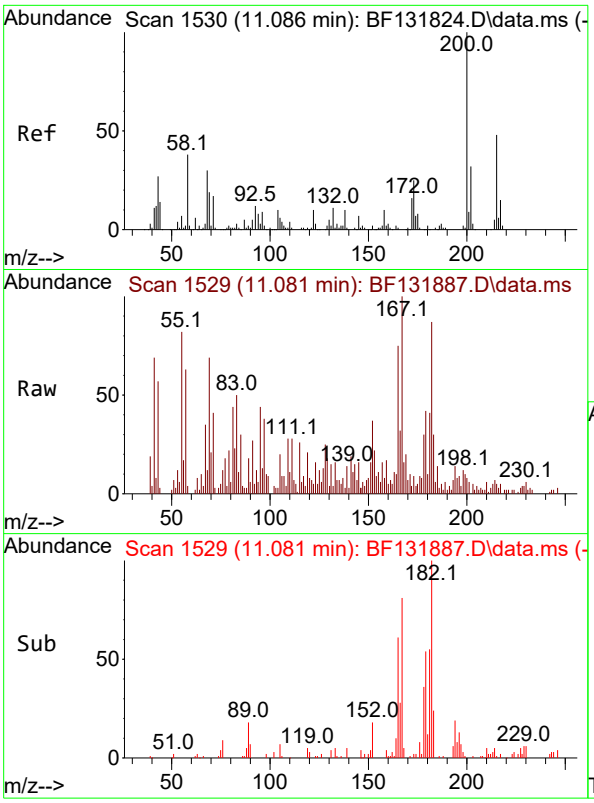


#66
n-Nitrosodiphenylamine
Concen: 21.964 ng
RT: 10.528 min Scan# 1435
Delta R.T. -0.012 min
Lab File: BF131887.D
Acq: 29 Dec 2022 19:58

Tgt Ion:169 Resp: 22866

Ion	Ratio	Lower	Upper
169	100		
168	23.5	51.5	77.3#
167	18.2	28.4	42.6#



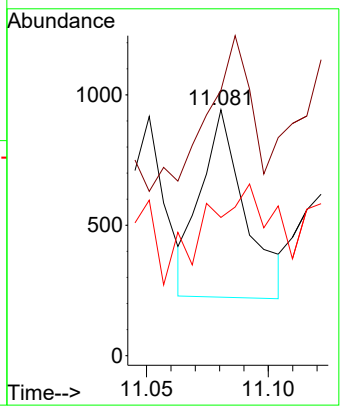


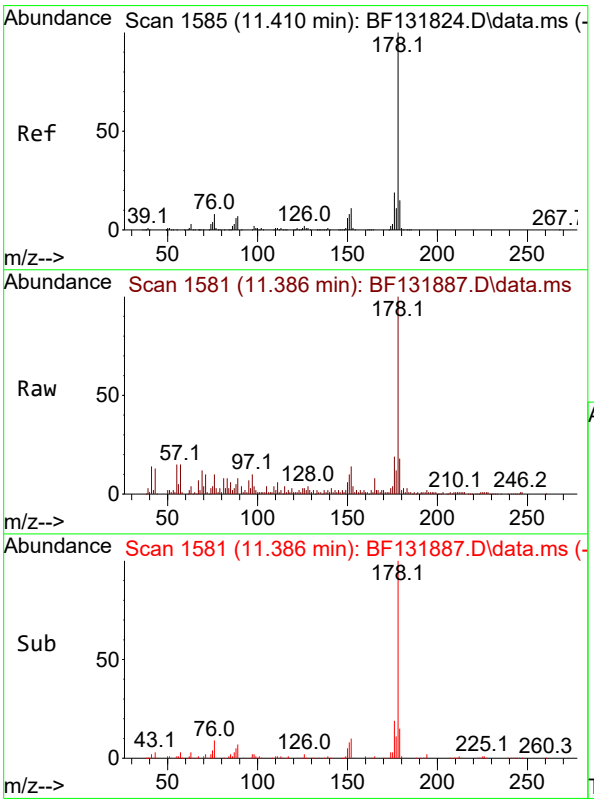
#69
Atrazine
Concen: 2.646 ng
RT: 11.081 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF131887.D
Acq: 29 Dec 2022 19:58

Instrument :
BNA_F
ClientSampleId :
MW-1DL

Tgt Ion:200 Resp: 907

Ion	Ratio	Lower	Upper
200	100		
173	107.8	4.5	44.5#
215	56.2	28.5	68.5

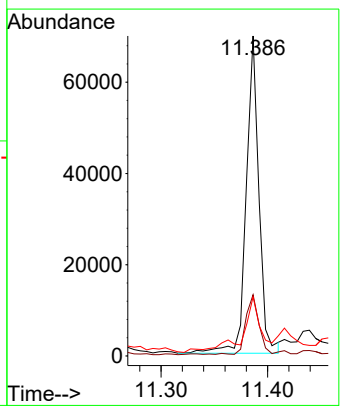


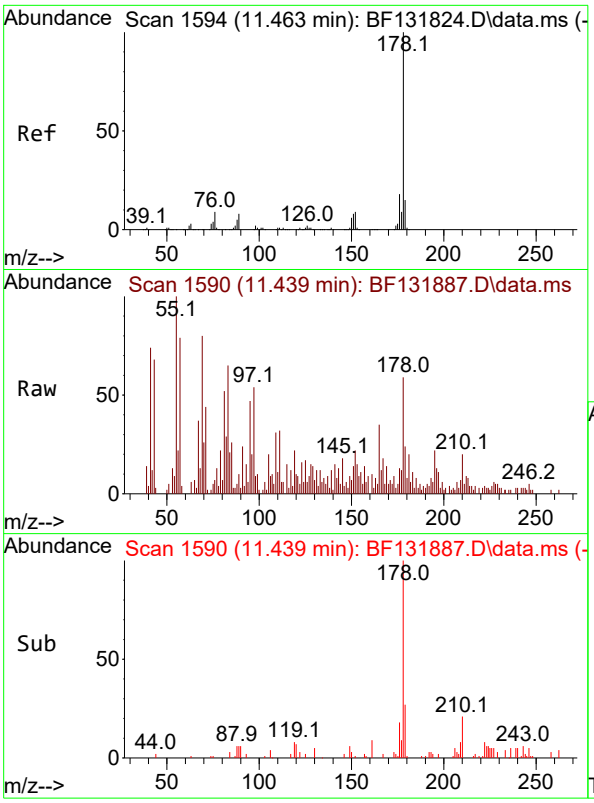


#71
Phenanthrene
Concen: 30.838 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF131887.D
Acq: 29 Dec 2022 19:58

Tgt Ion:178 Resp: 57876

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.5	23.3
179	18.5	12.2	18.4#



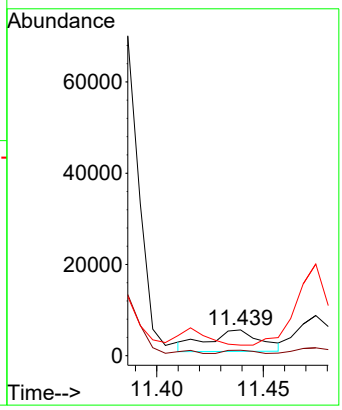


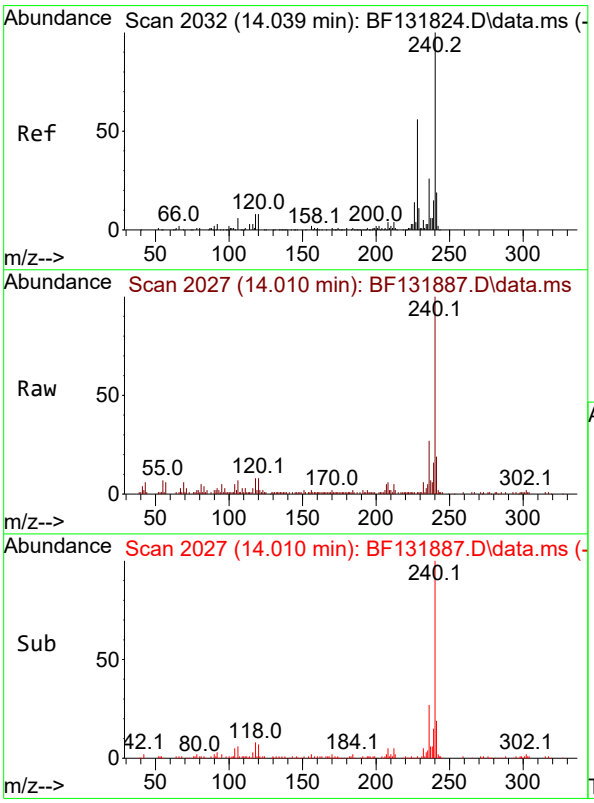
#72
Anthracene
Concen: 4.433 ng
RT: 11.439 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF131887.D
Acq: 29 Dec 2022 19:58

Instrument :
BNA_F
ClientSampleId :
MW-1DL

Tgt Ion:178 Resp: 8139

Ion	Ratio	Lower	Upper
178	100		
176	21.3	14.8	22.2
179	40.9	12.2	18.2#

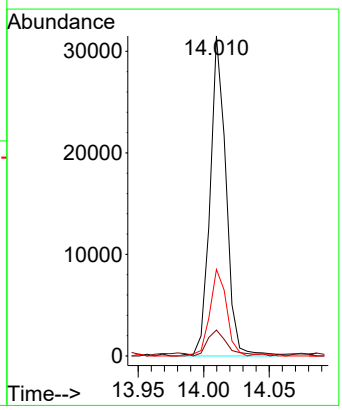


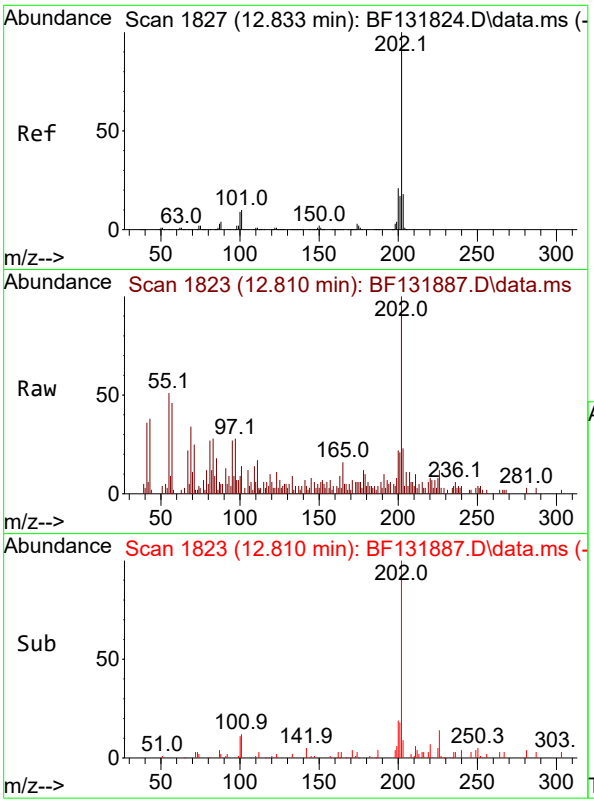


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF131887.D
Acq: 29 Dec 2022 19:58

Tgt Ion:240 Resp: 26604

Ion	Ratio	Lower	Upper
240	100		
120	8.1	6.7	10.1
236	27.1	20.6	31.0



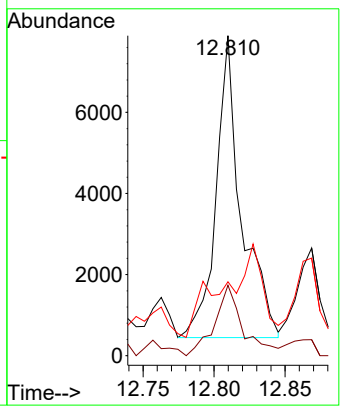


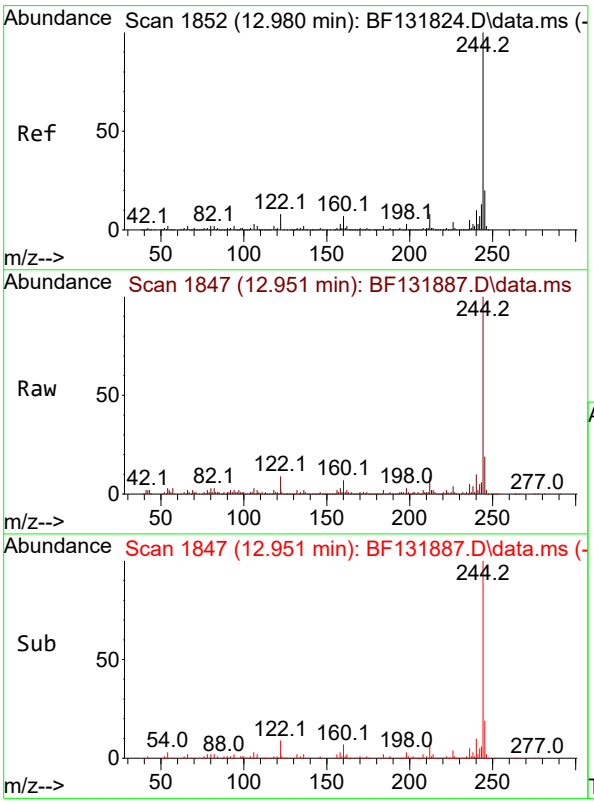
#78
Pyrene
Concen: 4.123 ng
RT: 12.810 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF131887.D
Acq: 29 Dec 2022 19:58

Instrument :
BNA_F
ClientSampleId :
MW-1DL

Tgt Ion:202 Resp: 9193

Ion	Ratio	Lower	Upper
202	100		
200	22.0	16.7	25.1
203	23.1	14.4	21.6#

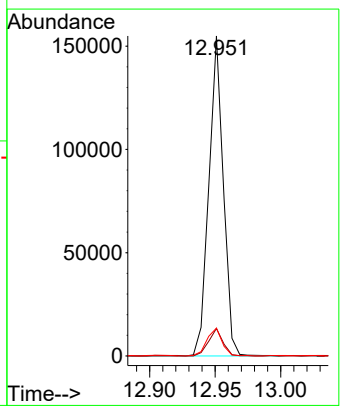


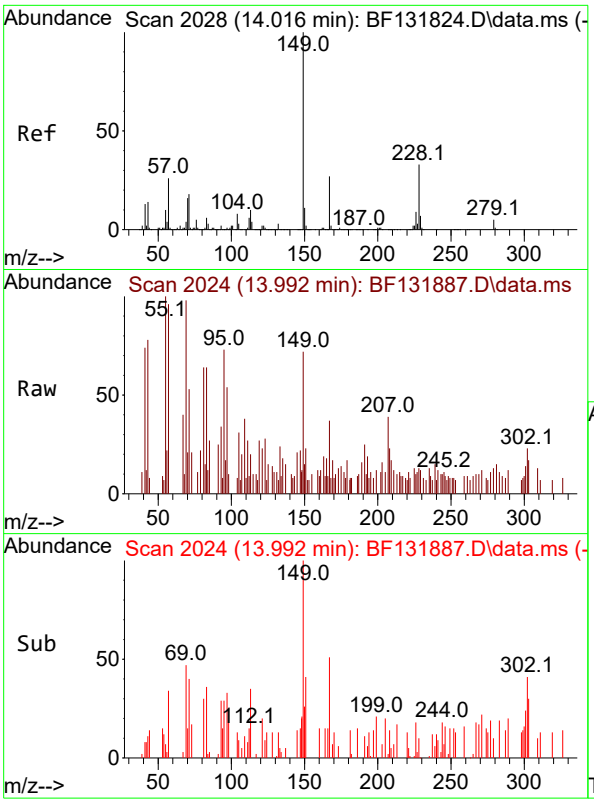


#79
Terphenyl-d14
Concen: 75.830 ng
RT: 12.951 min Scan# 1847
Delta R.T. -0.006 min
Lab File: BF131887.D
Acq: 29 Dec 2022 19:58

Tgt Ion:244 Resp: 119265

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.3	9.5
122	8.7	6.4	9.6



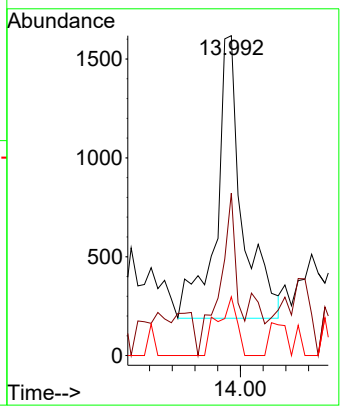


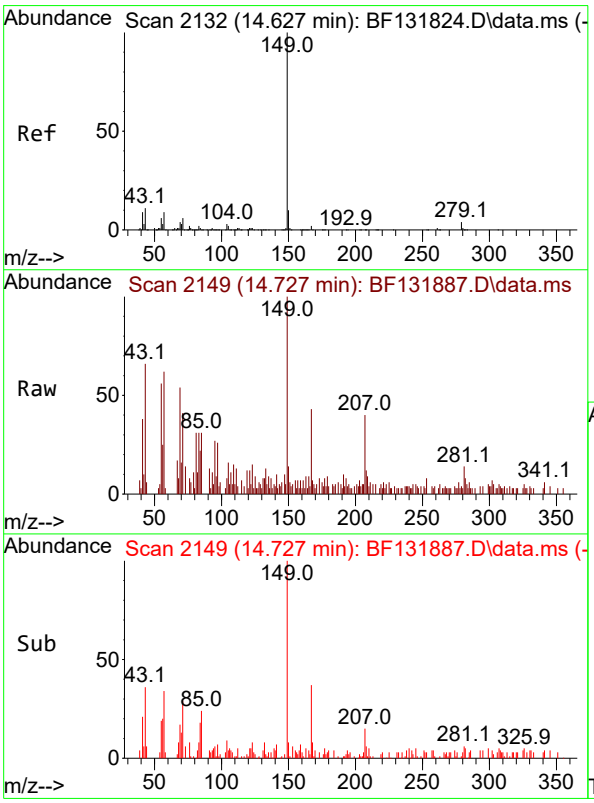
#84
Bis(2-ethylhexyl)phthalate
Concen: 2.247 ng
RT: 13.992 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF131887.D
Acq: 29 Dec 2022 19:58

Instrument :
BNA_F
ClientSampleId :
MW-1DL

Tgt Ion:149 Resp: 2263

Ion	Ratio	Lower	Upper
149	100		
167	50.8	21.8	32.6#
279	18.4	3.9	5.9#

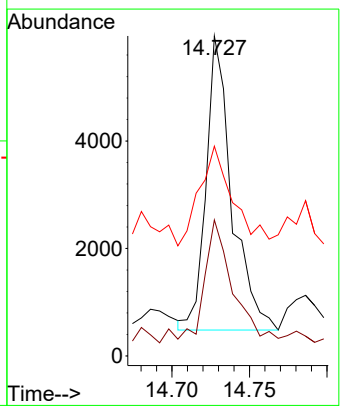


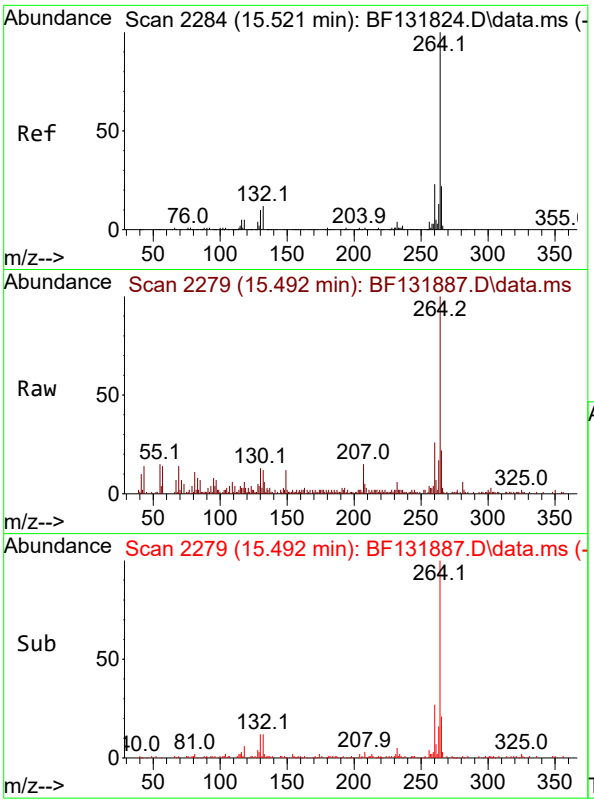


#85
Di-n-octyl phthalate
Concen: 4.652 ng
RT: 14.727 min Scan# 2149
Delta R.T. 0.118 min
Lab File: BF131887.D
Acq: 29 Dec 2022 19:58

Tgt Ion:149 Resp: 6307

Ion	Ratio	Lower	Upper
149	100		
167	47.7	1.2	1.8#
43	43.9	8.1	12.1#



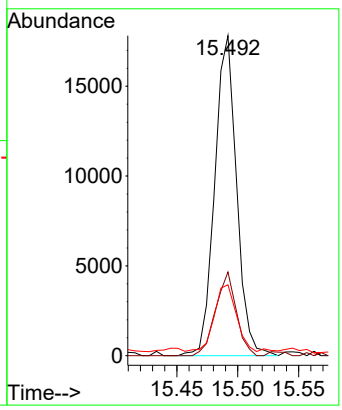


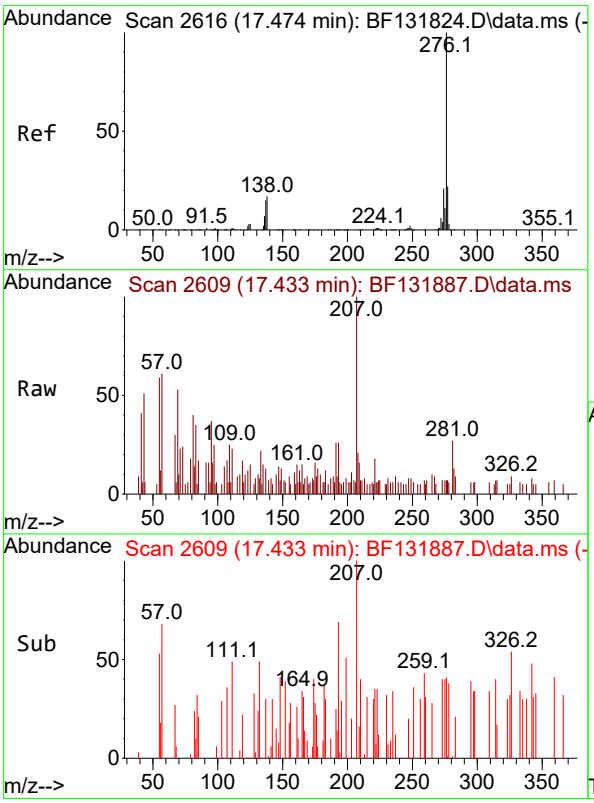
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF131887.D
Acq: 29 Dec 2022 19:58

Instrument :
BNA_F
ClientSampleId :
MW-1DL

Tgt Ion:264 Resp: 22335

Ion	Ratio	Lower	Upper
264	100		
260	26.2	18.6	28.0
265	22.2	17.4	26.0





#92
Benzo(g,h,i)perylene
Concen: 5.381 ng
RT: 17.433 min Scan# 2609
Delta R.T. 0.006 min
Lab File: BF131887.D
Acq: 29 Dec 2022 19:58

Tgt Ion:276 Resp: 207

Ion	Ratio	Lower	Upper
276	100		
277	109.9	17.9	26.9#
138	0.0	13.7	20.5#