Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062123\
Data File : BF133886.D
Acq On : 21 Jun 2023 23:19
Operator : CG\JU
Sample : 03289-22 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jun 22 06:02:45 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 20 13:43:46 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.857	152	92278	20.000	ng		0.00
21) Naphthalene-d8	8.139	136	291731	20.000	ng		0.00
39) Acenaphthene-d10	9.898	164	116988	20.000	ng		0.00
64) Phenanthrene-d10	11.392	188	241606	20.000	ng		0.00
76) Chrysene-d12	14.057	240	159487	20.000	ng		0.01
86) Perylene-d12	15.562	264	126068	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.492	112	223719	42.206	ng		0.00
7) Phenol-d6	6.492	99	248971	36.085	ng		0.00
23) Nitrobenzene-d5	7.416	82	155452	29.023	ng		0.00
42) 2,4,6-Tribromophenol	10.686	330	59961	40.491	ng		0.00
45) 2-Fluorobiphenyl	9.216	172	262389	31.883	ng		0.00
79) Terphenyl-d14	12.986	244	329116	31.931	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propyla...	7.416	70	21535	4.906	ng	#	78
25) Isophorone	7.416	82	155450	15.809	ng	#	65
31) Naphthalene	8.157	128	88931	6.257	ng		97
49) Acenaphthylene	9.757	152	62378	5.295	ng		99
51) 2,6-Dinitrotoluene	9.898	165	16576	9.197	ng	#	28
52) Acenaphthene	9.927	154	53634	7.779	ng		97
54) 2,4-Dinitrophenol	10.192	184	70	5.790	ng	#	16
55) Dibenzofuran	10.104	168	44978	4.275	ng		95
58) Fluorene	10.445	166	57548	7.152	ng		99
71) Phenanthrene	11.421	178	1047513	85.456	ng		99
72) Anthracene	11.469	178	280987	21.984	ng		99
73) Carbazole	11.627	167	87596	7.359	ng		98
75) Fluoranthene	12.621	202	1821030	139.896	ng		98
78) Pyrene	12.857	202	1705139	114.772	ng		99
81) Benzo(a)anthracene	14.045	228	849299	76.987	ng		96
83) Chrysene	14.086	228	706282	67.690	ng		97
84) Bis(2-ethylhexyl)phtha...	14.027	149	15456	2.001	ng	#	99
87) Indeno(1,2,3-cd)pyrene	17.115	276	283109	32.642	ng		95
88) Benzo(b)fluoranthene	15.121	252	870190	113.630	ng		98
89) Benzo(k)fluoranthene	15.121	252	870190	116.649	ng		98
90) Benzo(a)pyrene	15.504	252	452856	63.717	ng		98
91) Dibenzo(a,h)anthracene	17.127	278	72205	10.056	ng	#	91
92) Benzo(g,h,i)perylene	17.592	276	258317	36.285	ng		98

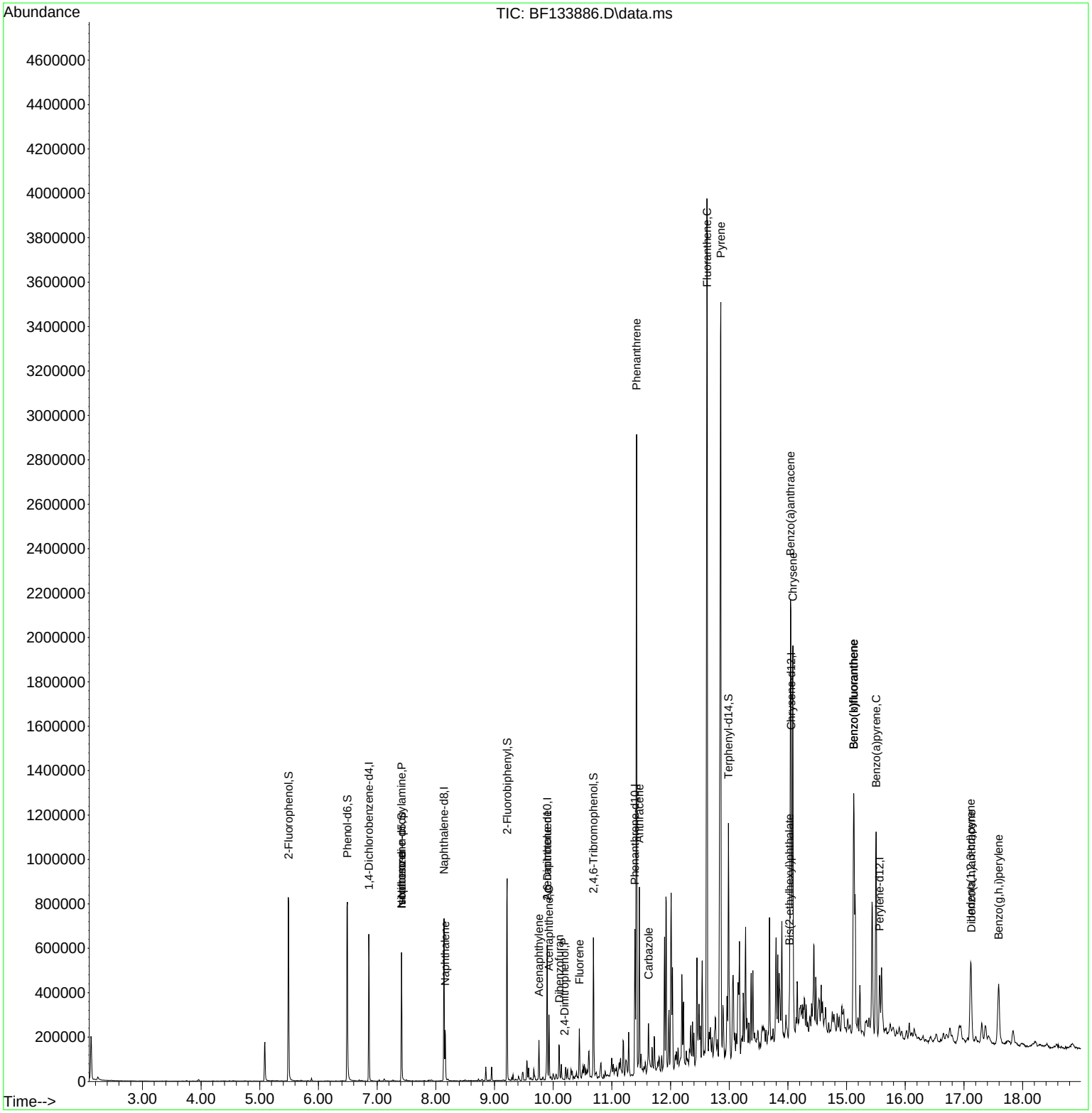
(#) = qualifier out of range (m) = manual integration (+) = signals summed

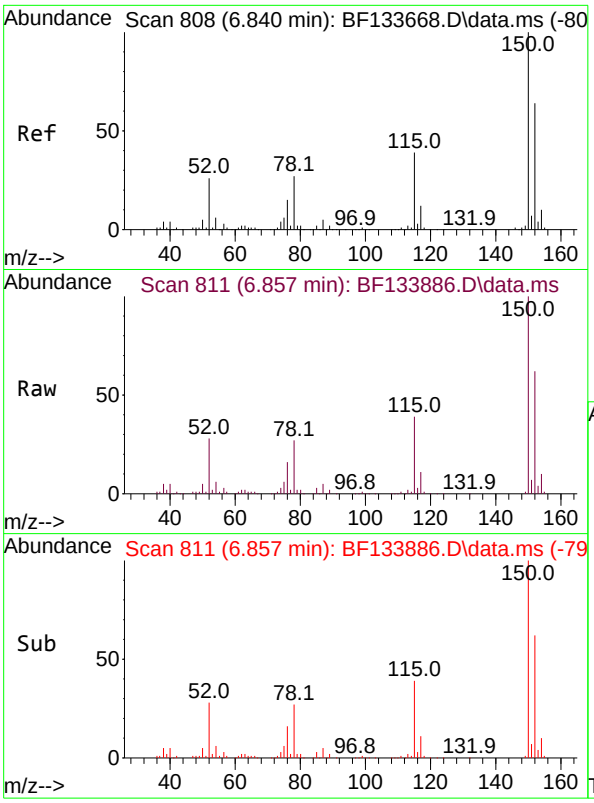
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062123\
Data File : BF133886.D
Acq On : 21 Jun 2023 23:19
Operator : CG\JU
Sample : 03289-22 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jun 22 06:02:45 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 20 13:43:46 2023
Response via : Initial Calibration



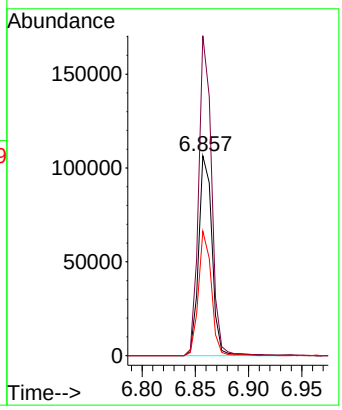


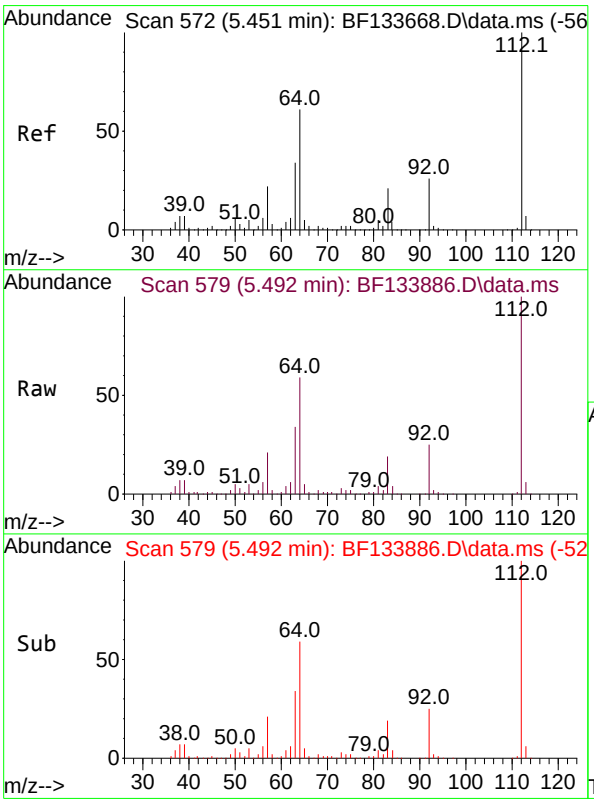
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF133886.D
Acq: 21 Jun 2023 23:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 92278

Ion	Ratio	Lower	Upper
152	100		
150	160.1	124.3	186.5
115	62.3	48.5	72.7

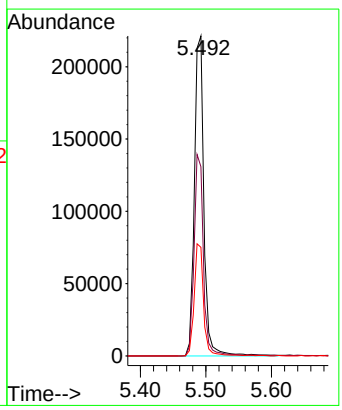


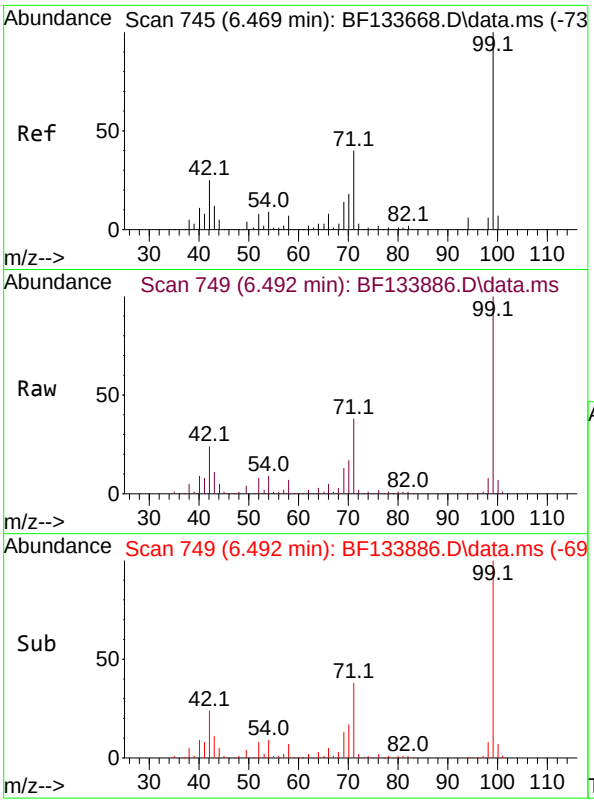


#5
2-Fluorophenol
Concen: 42.206 ng
RT: 5.492 min Scan# 579
Delta R.T. 0.006 min
Lab File: BF133886.D
Acq: 21 Jun 2023 23:19

Tgt Ion:112 Resp: 223719

Ion	Ratio	Lower	Upper
112	100		
64	59.1	49.0	73.4
63	33.9	26.8	40.2



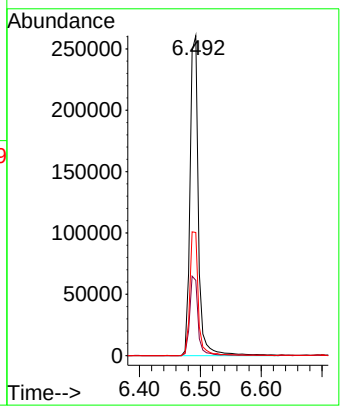


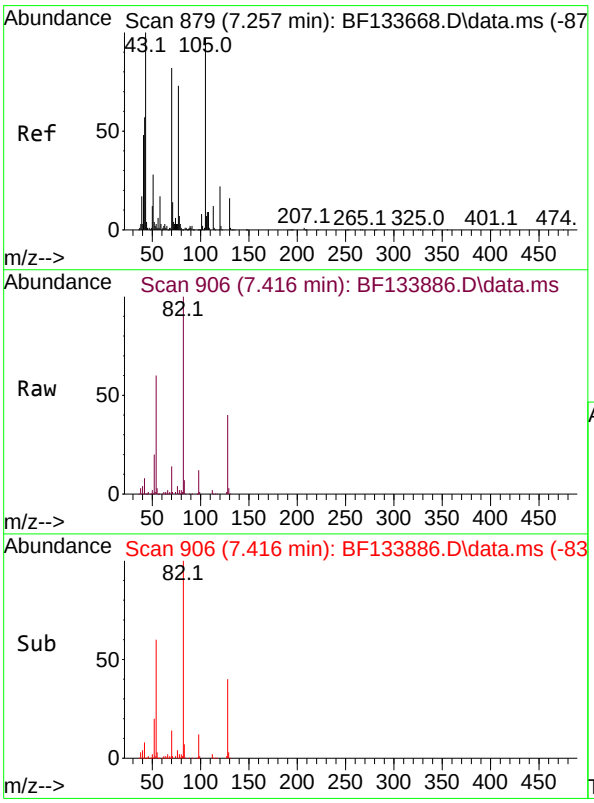
#7
Phenol-d6
Concen: 36.085 ng
RT: 6.492 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF133886.D
Acq: 21 Jun 2023 23:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 248971

Ion	Ratio	Lower	Upper
99	100		
42	23.5	19.9	29.9
71	38.5	32.2	48.4

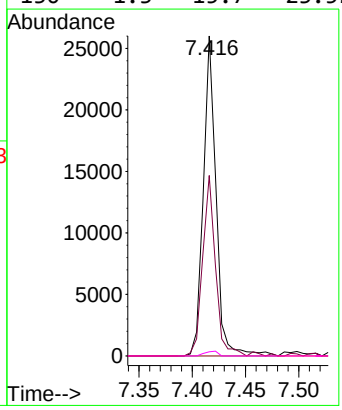


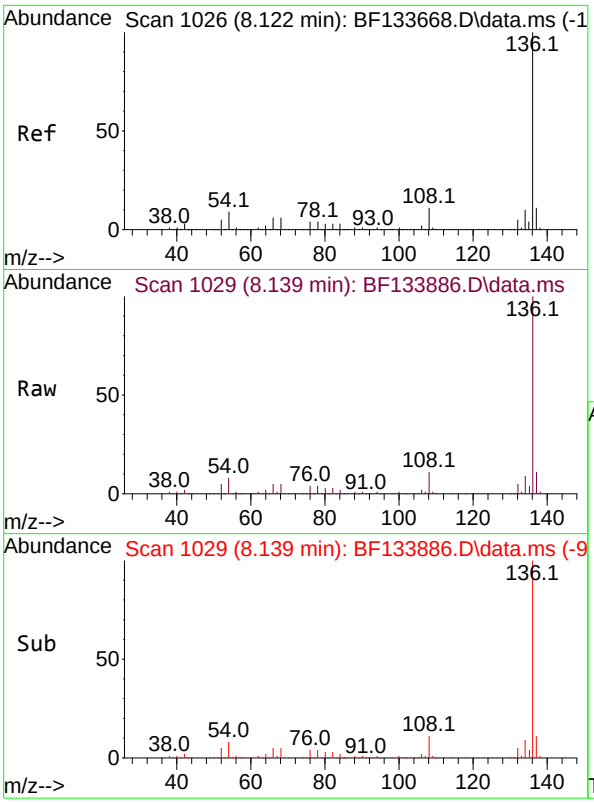


#19
n-Nitroso-di-n-propylamine
Concen: 4.906 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.141 min
Lab File: BF133886.D
Acq: 21 Jun 2023 23:19

Tgt Ion: 70 Resp: 21535

Ion	Ratio	Lower	Upper
70	100		
42	56.4	55.8	83.8
101	0.0	8.1	12.1#
130	1.3	15.7	23.5#



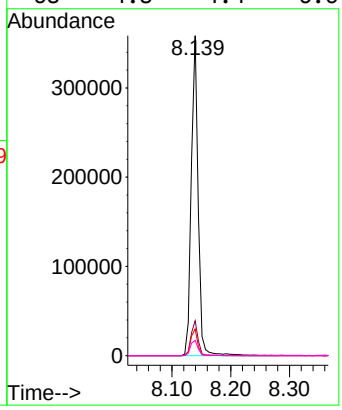


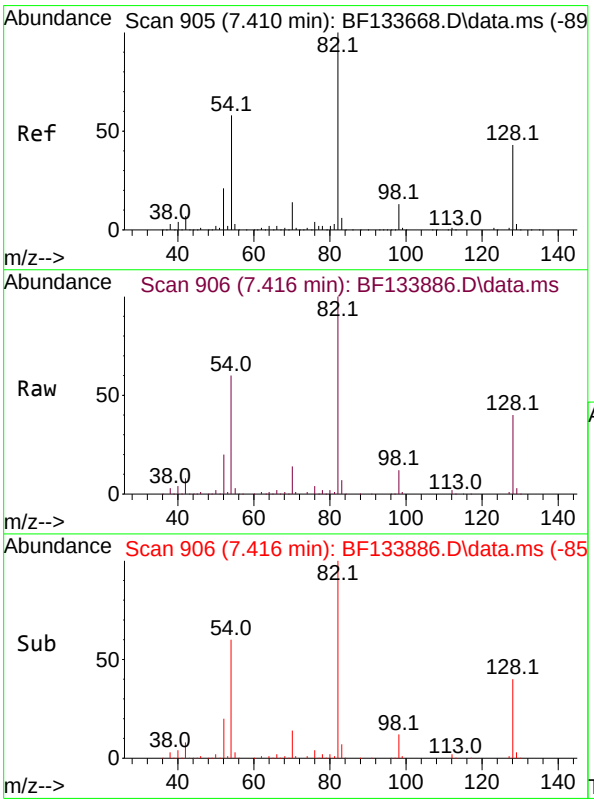
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF133886.D
Acq: 21 Jun 2023 23:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 291731

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.3	7.4	11.0
68	4.8	4.4	6.6

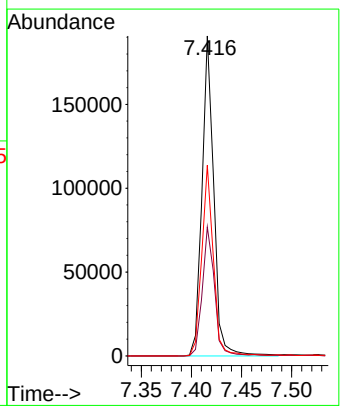


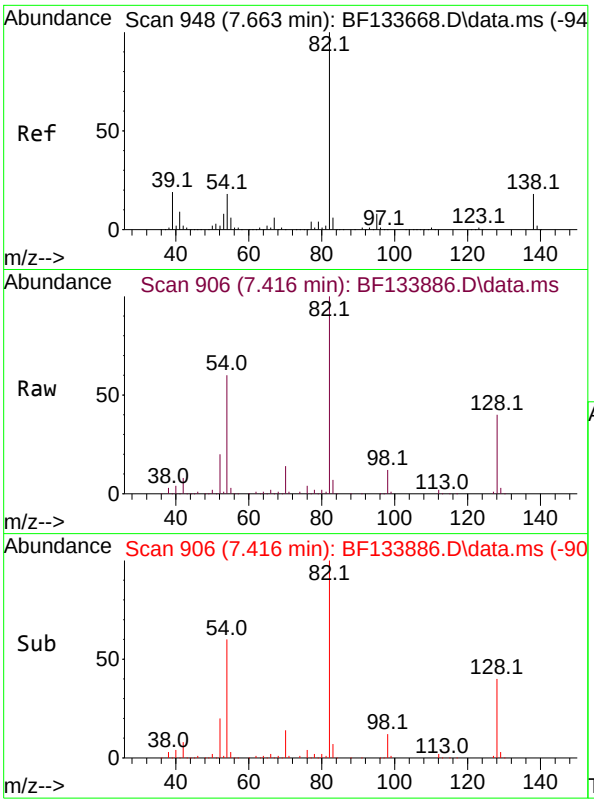


#23
Nitrobenzene-d5
Concen: 29.023 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.006 min
Lab File: BF133886.D
Acq: 21 Jun 2023 23:19

Tgt Ion: 82 Resp: 155452

Ion	Ratio	Lower	Upper
82	100		
128	40.3	34.2	51.2
54	59.6	46.5	69.7



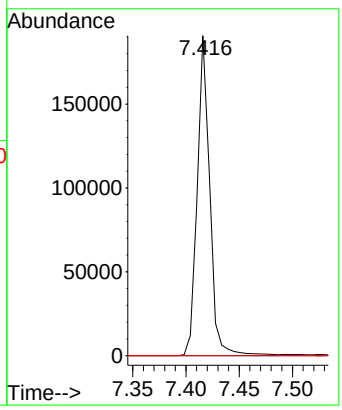


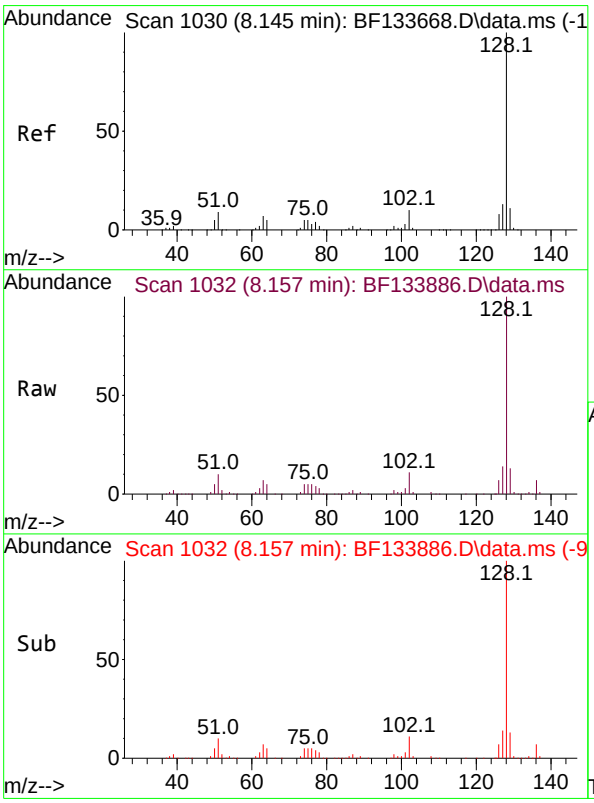
#25
Isophorone
Concen: 15.809 ng
RT: 7.416 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF133886.D
Acq: 21 Jun 2023 23:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 155450

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.0	9.0#
138	0.0	14.2	21.2#

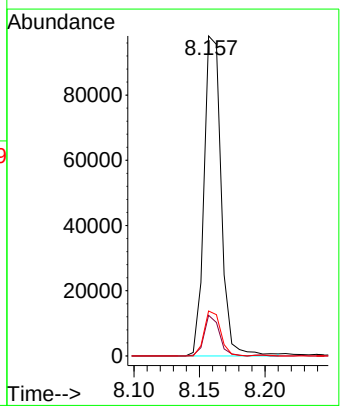


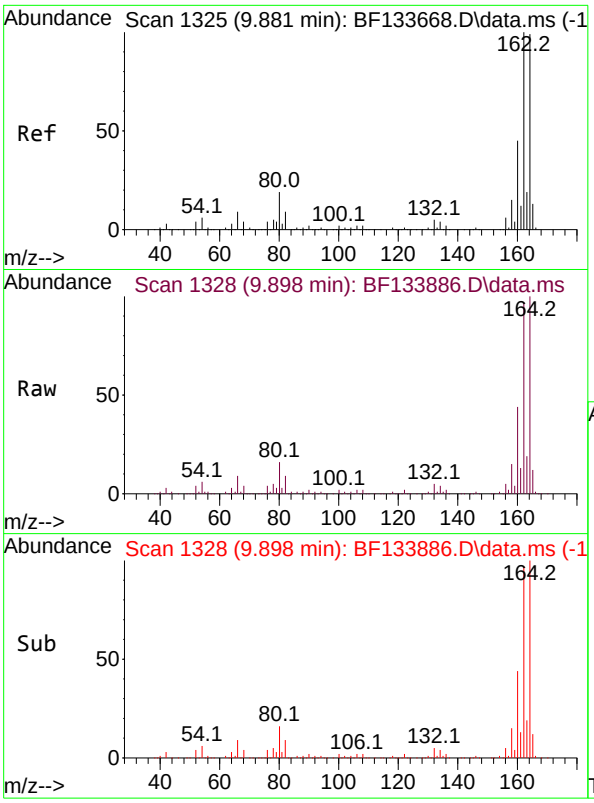


#31
Naphthalene
Concen: 6.257 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF133886.D
Acq: 21 Jun 2023 23:19

Tgt Ion:128 Resp: 88931

Ion	Ratio	Lower	Upper
128	100		
129	12.7	8.9	13.3
127	14.0	10.5	15.7



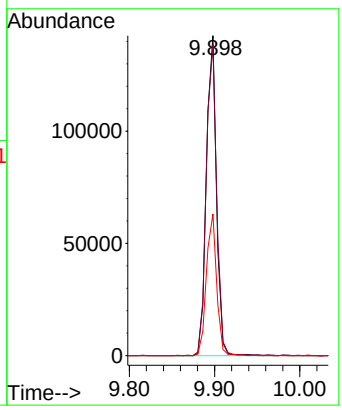


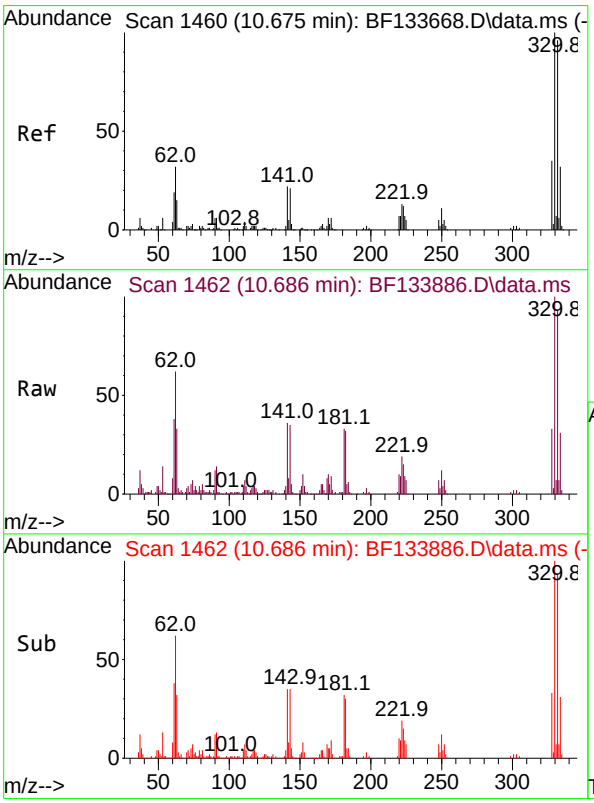
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF133886.D
Acq: 21 Jun 2023 23:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 116988

Ion	Ratio	Lower	Upper
164	100		
162	97.0	80.8	121.2
160	44.3	36.7	55.1

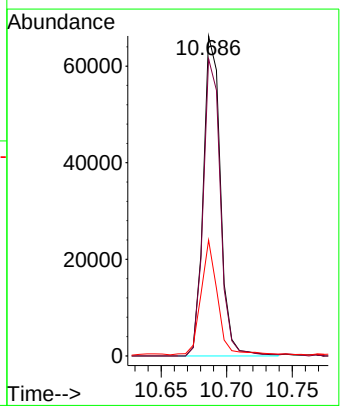


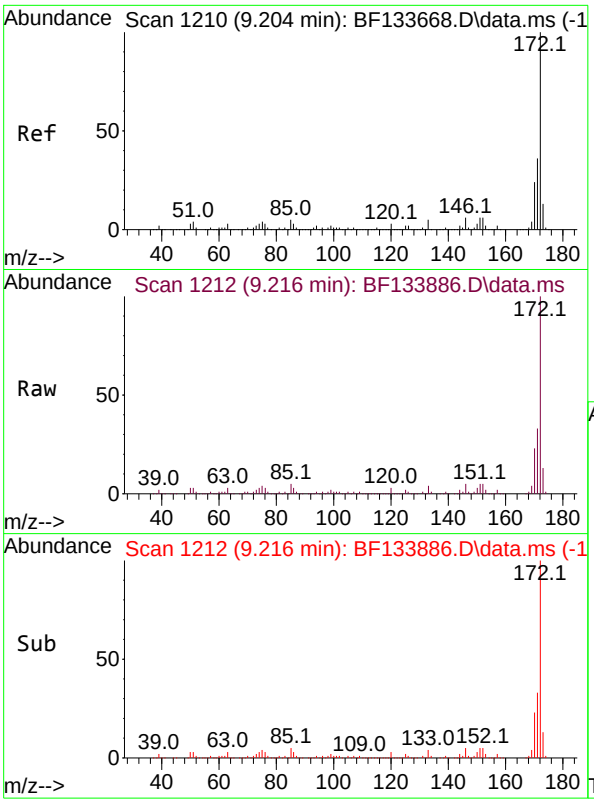


#42
2,4,6-Tribromophenol
Concen: 40.491 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF133886.D
Acq: 21 Jun 2023 23:19

Tgt Ion:330 Resp: 59961

Ion	Ratio	Lower	Upper
330	100		
332	93.4	77.2	115.8
141	35.3	24.9	37.3



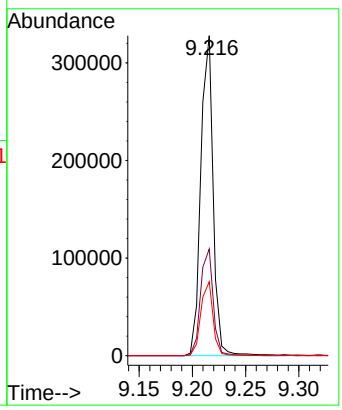


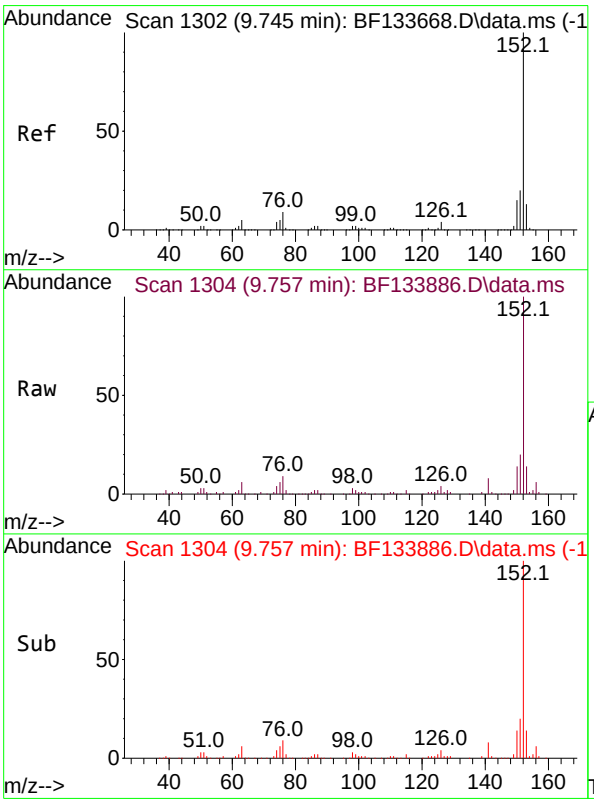
#45
2-Fluorobiphenyl
Concen: 31.883 ng
RT: 9.216 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF133886.D
Acq: 21 Jun 2023 23:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 262389

Ion	Ratio	Lower	Upper
172	100		
171	33.3	28.6	43.0
170	23.1	19.1	28.7

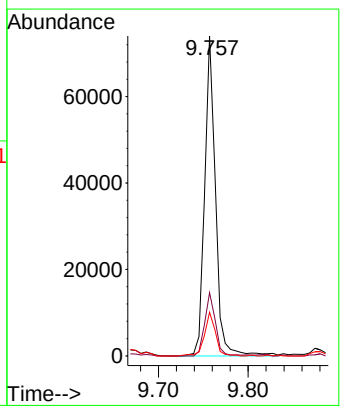


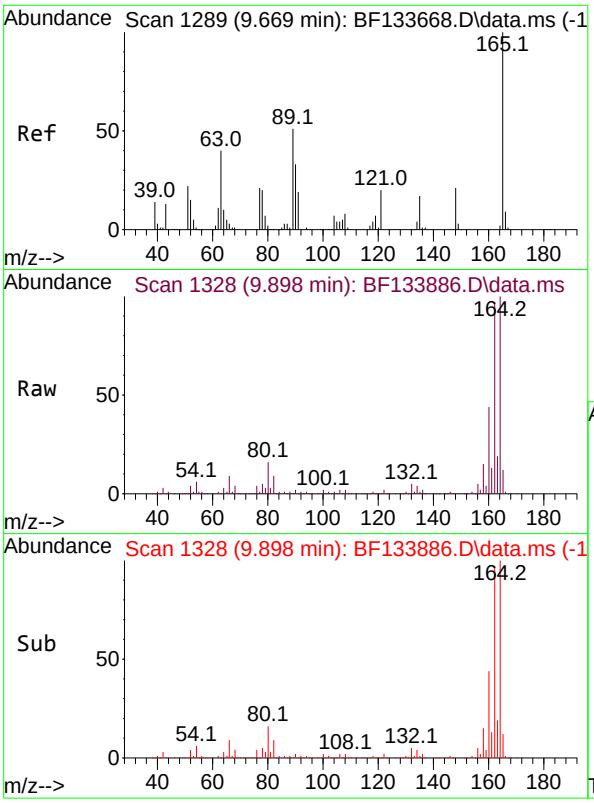


#49
Acenaphthylene
Concen: 5.295 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.000 min
Lab File: BF133886.D
Acq: 21 Jun 2023 23:19

Tgt Ion:152 Resp: 62378

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.2	24.4
153	13.6	10.4	15.6



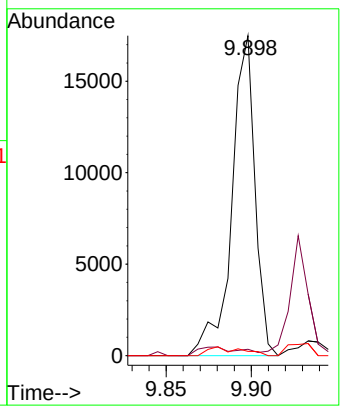


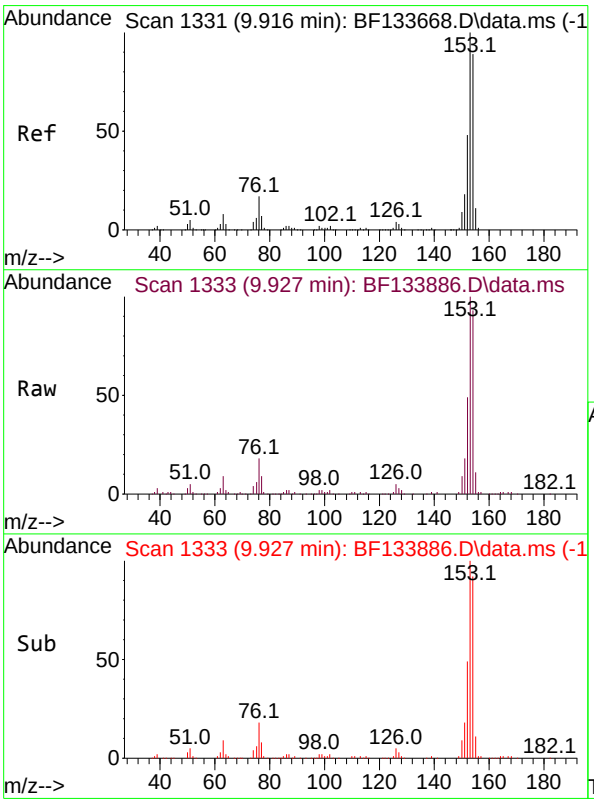
#51
2,6-Dinitrotoluene
Concen: 9.197 ng
RT: 9.898 min Scan# 1
Delta R.T. 0.218 min
Lab File: BF133886.D
Acq: 21 Jun 2023 23:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 16576

Ion	Ratio	Lower	Upper
165	100		
63	2.0	42.1	63.1#
89	1.3	40.9	61.3#

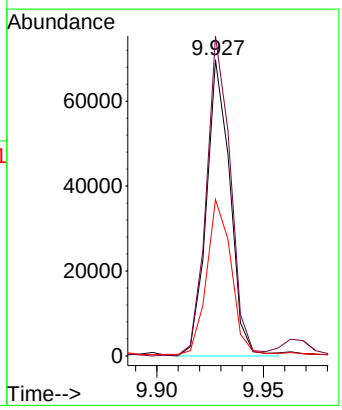


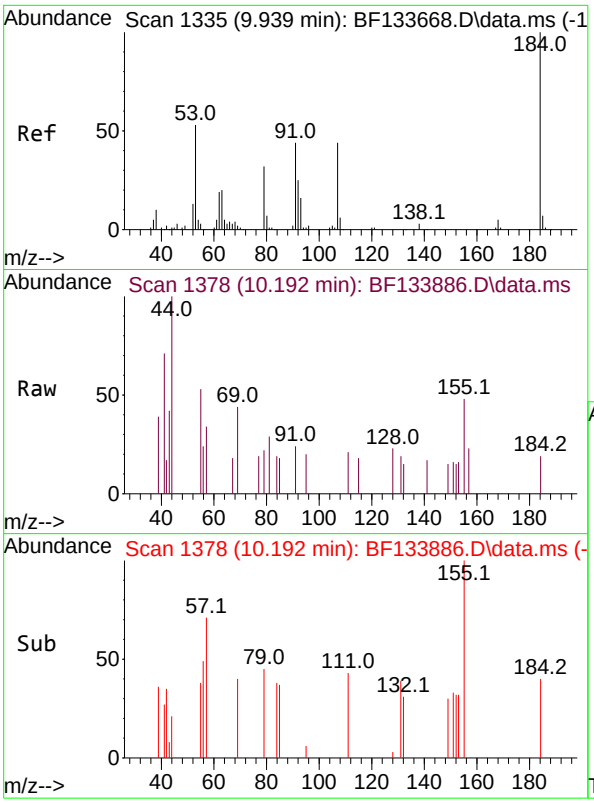


#52
Acenaphthene
Concen: 7.779 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF133886.D
Acq: 21 Jun 2023 23:19

Tgt Ion:154 Resp: 53634

Ion	Ratio	Lower	Upper
154	100		
153	108.1	89.8	134.8
152	52.8	43.4	65.2



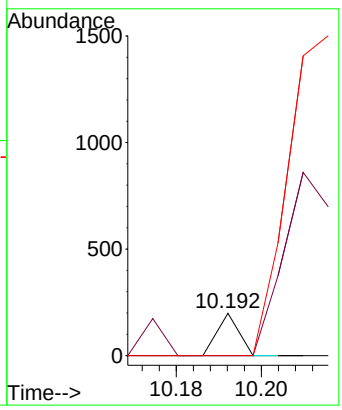


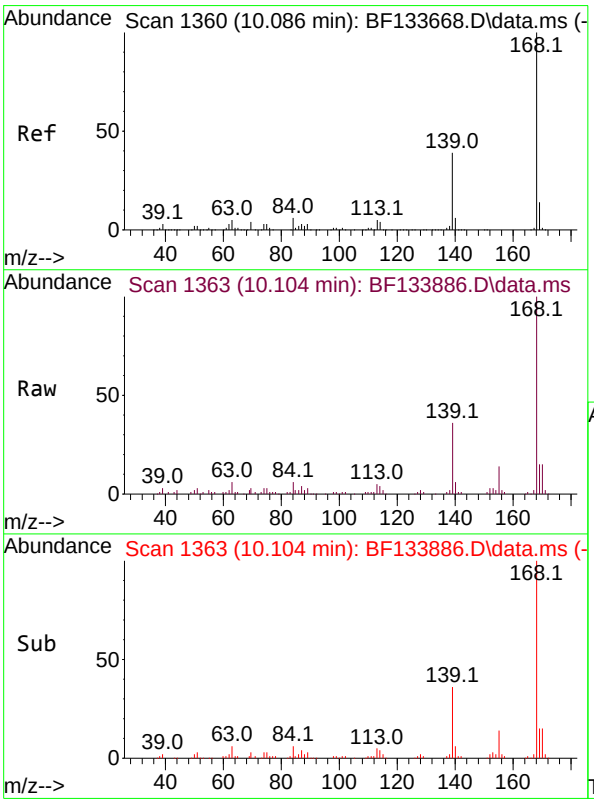
#54
2,4-Dinitrophenol
Concen: 5.790 ng
RT: 10.192 min Scan# 1
Delta R.T. 0.235 min
Lab File: BF133886.D
Acq: 21 Jun 2023 23:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 70

Ion	Ratio	Lower	Upper
184	100		
63	0.0	55.3	82.9#
154	0.0	51.9	77.9#

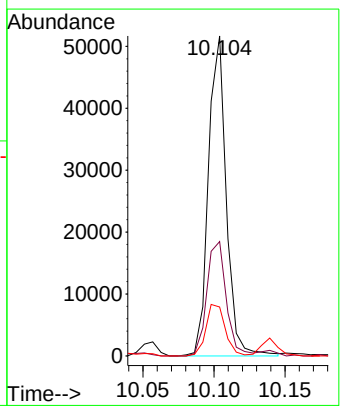


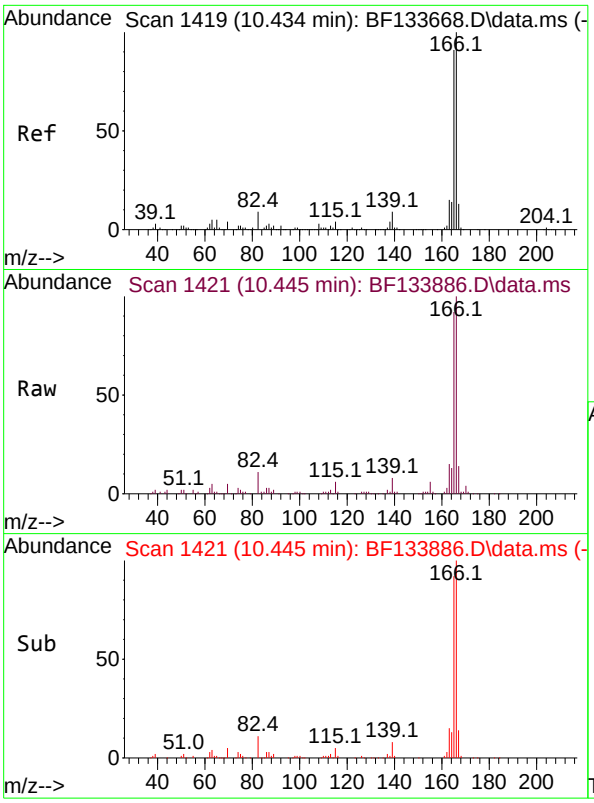


#55
Dibenzofuran
Concen: 4.275 ng
RT: 10.104 min Scan# 1363
Delta R.T. -0.000 min
Lab File: BF133886.D
Acq: 21 Jun 2023 23:19

Tgt Ion:168 Resp: 44978

Ion	Ratio	Lower	Upper
168	100		
139	35.7	30.9	46.3
169	15.3	10.9	16.3



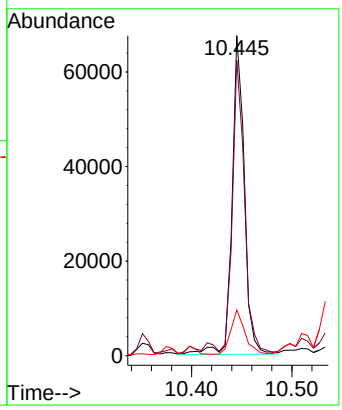


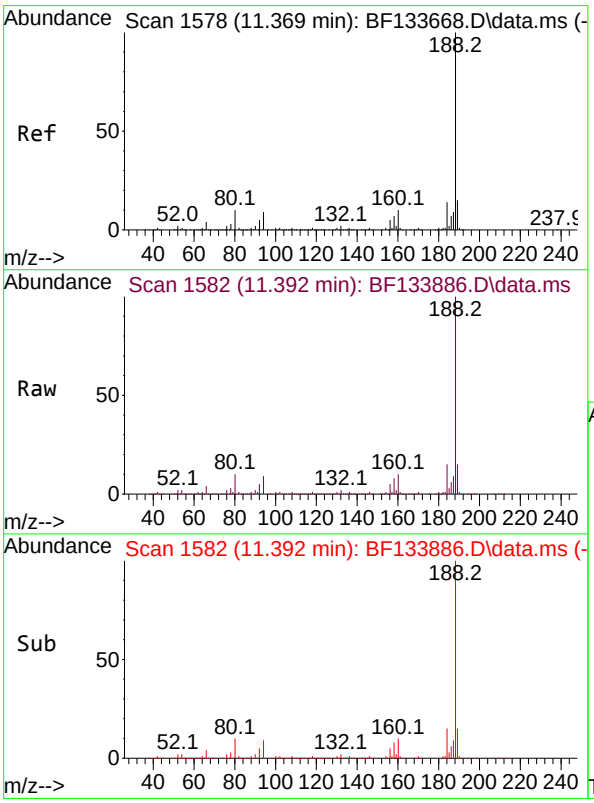
#58
Fluorene
Concen: 7.152 ng
RT: 10.445 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF133886.D
Acq: 21 Jun 2023 23:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 57548

Ion	Ratio	Lower	Upper
166	100		
165	92.3	73.1	109.7
167	14.3	10.5	15.7

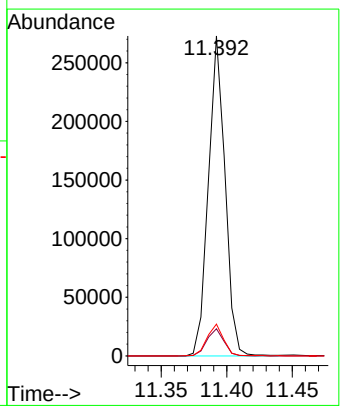


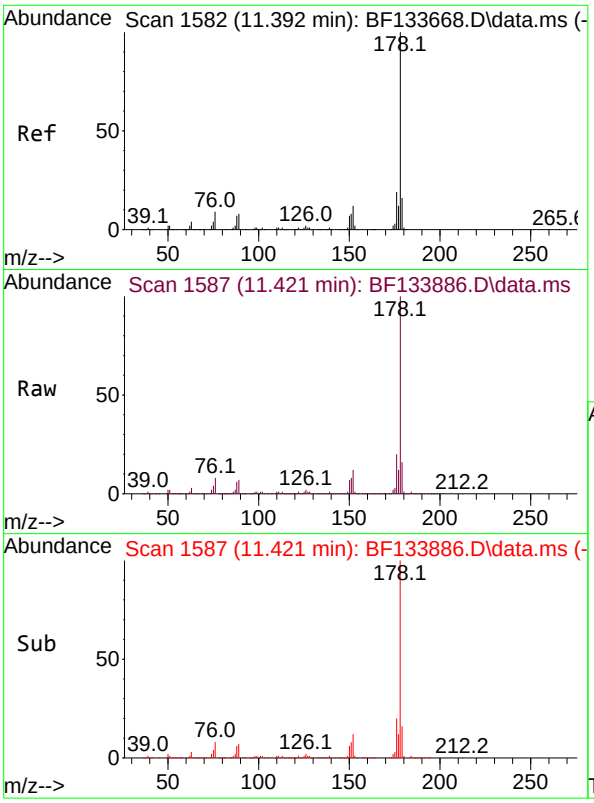


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1582
Delta R.T. 0.006 min
Lab File: BF133886.D
Acq: 21 Jun 2023 23:19

Tgt Ion:188 Resp: 241606

Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.8	10.2
80	9.9	7.8	11.6



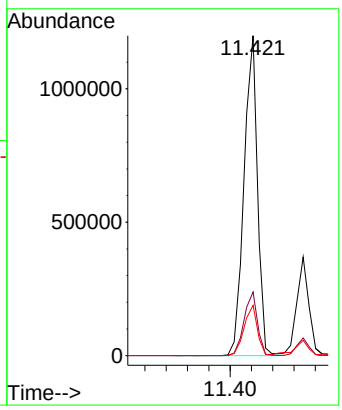


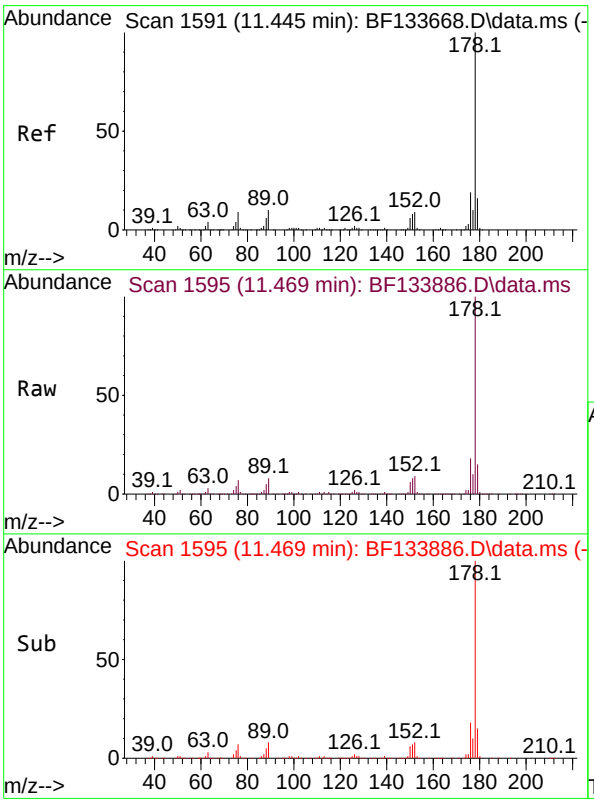
#71
Phenanthrene
Concen: 85.456 ng
RT: 11.421 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF133886.D
Acq: 21 Jun 2023 23:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 1047513

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.6	23.4
179	15.7	12.4	18.6

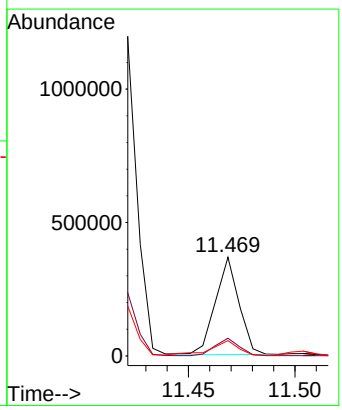


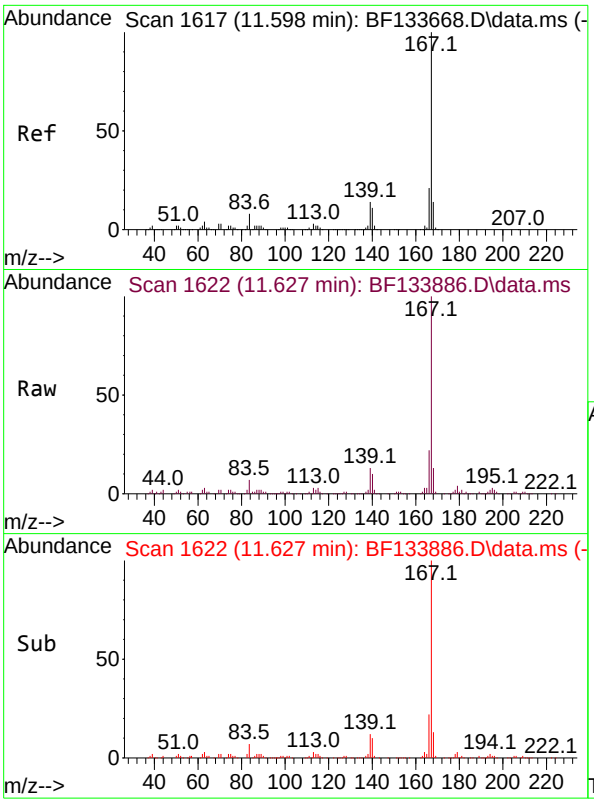


#72
Anthracene
Concen: 21.984 ng
RT: 11.469 min Scan# 1595
Delta R.T. -0.000 min
Lab File: BF133886.D
Acq: 21 Jun 2023 23:19

Tgt Ion:178 Resp: 280987

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.1	22.7
179	15.5	12.6	18.8



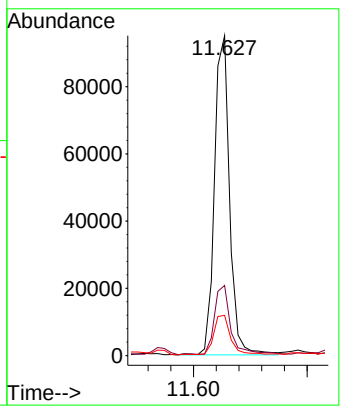


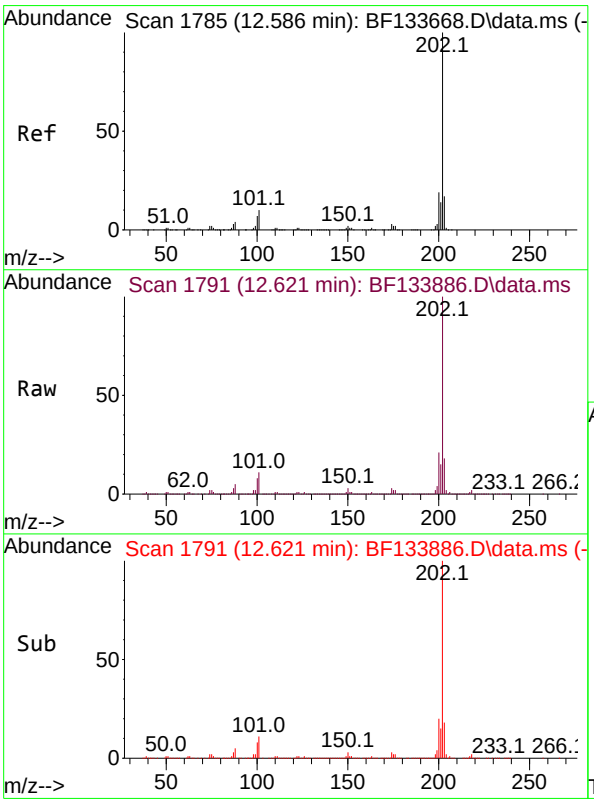
#73
Carbazole
Concen: 7.359 ng
RT: 11.627 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF133886.D
Acq: 21 Jun 2023 23:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 87596

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.0	25.6
139	12.6	11.2	16.8

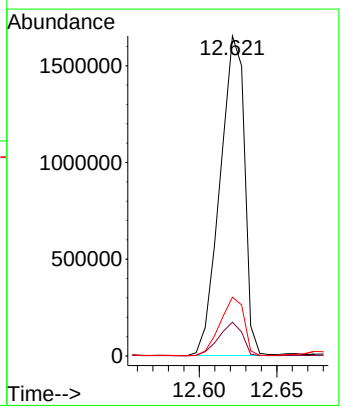


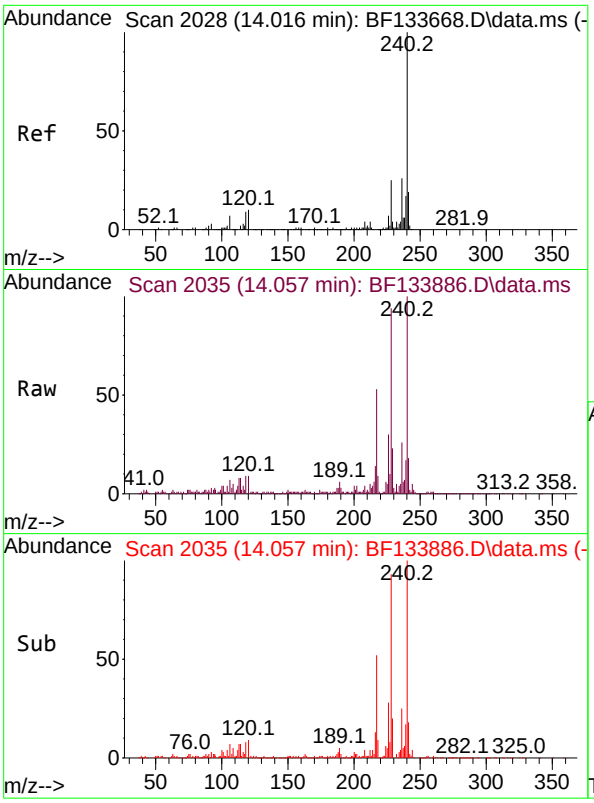


#75
Fluoranthene
Concen: 139.896 ng
RT: 12.621 min Scan# 1791
Delta R.T. 0.012 min
Lab File: BF133886.D
Acq: 21 Jun 2023 23:19

Tgt Ion:202 Resp: 1821030

Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	29.6
203	18.3	0.0	37.4



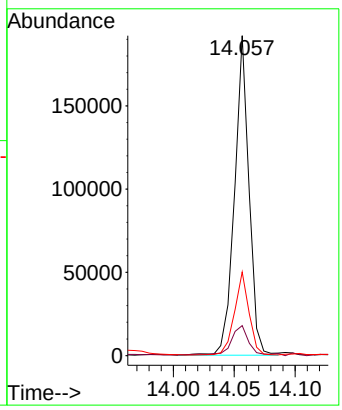


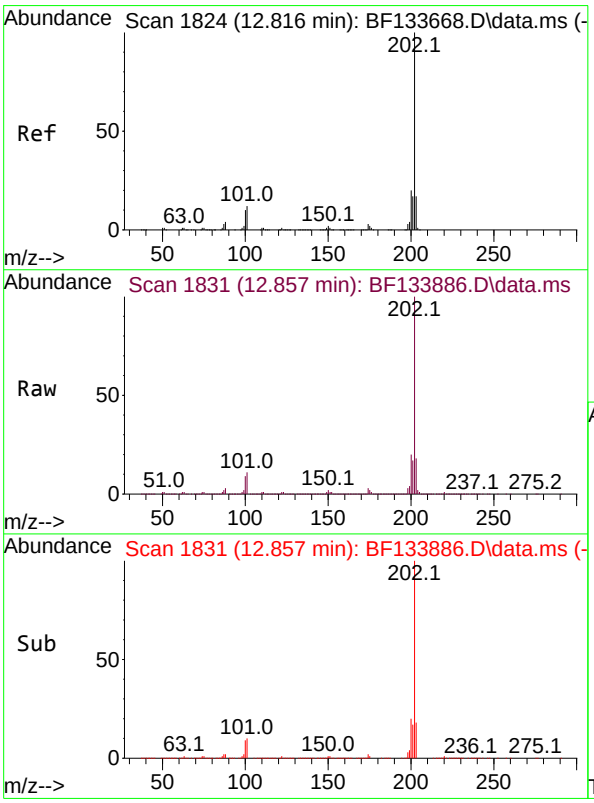
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF133886.D
Acq: 21 Jun 2023 23:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 159487

Ion	Ratio	Lower	Upper
240	100		
120	9.4	8.1	12.1
236	26.1	20.5	30.7

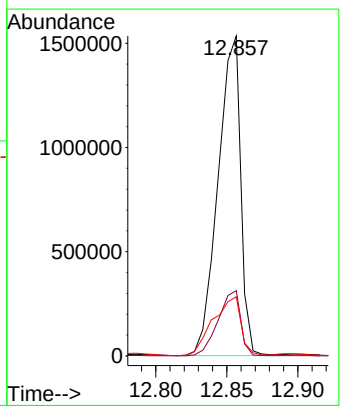


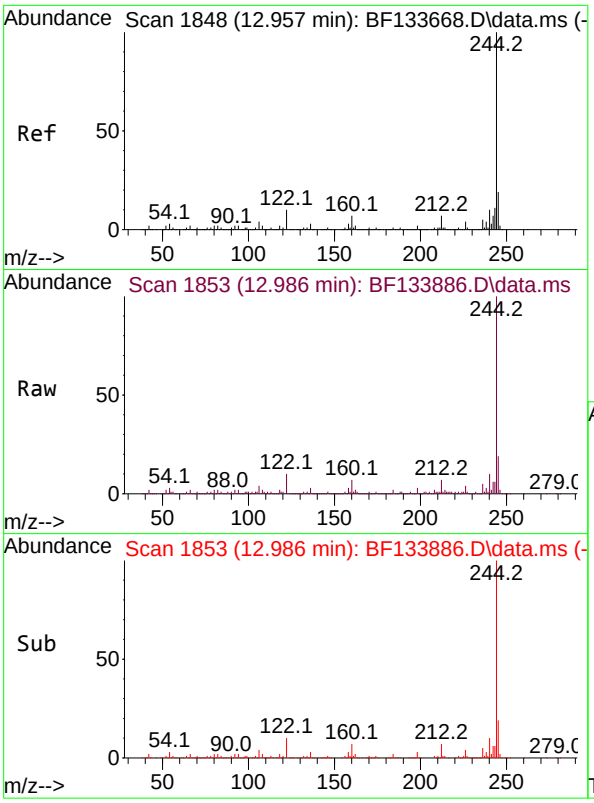


#78
Pyrene
Concen: 114.772 ng
RT: 12.857 min Scan# 1831
Delta R.T. 0.018 min
Lab File: BF133886.D
Acq: 21 Jun 2023 23:19

Tgt Ion:202 Resp: 1705139

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.2	24.2
203	18.5	13.9	20.9



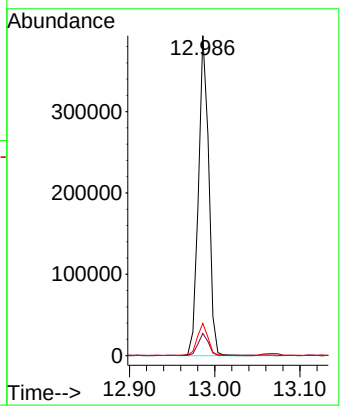


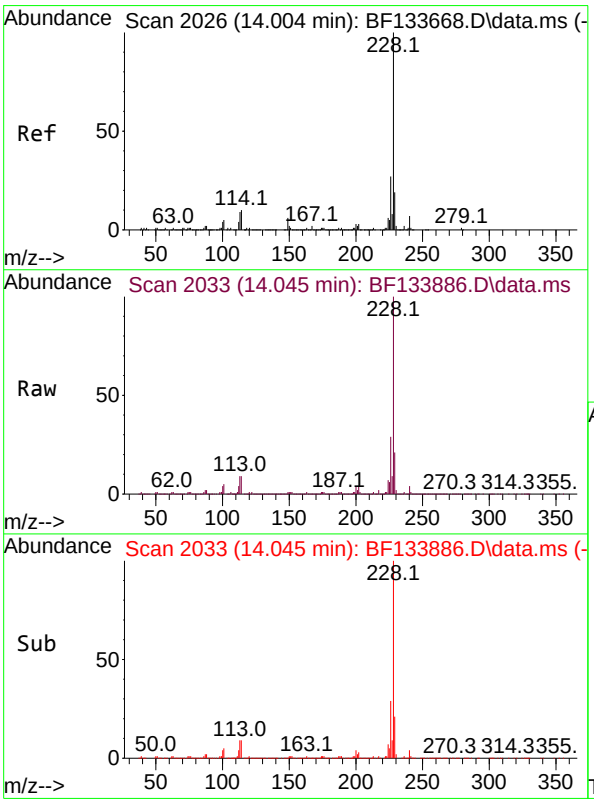
#79
Terphenyl-d14
Concen: 31.931 ng
RT: 12.986 min Scan# 18
Delta R.T. -0.000 min
Lab File: BF133886.D
Acq: 21 Jun 2023 23:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 329116

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.2
122	10.1	8.1	12.1

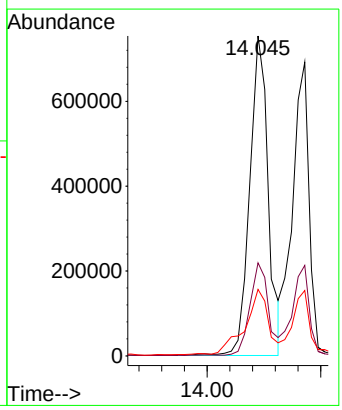


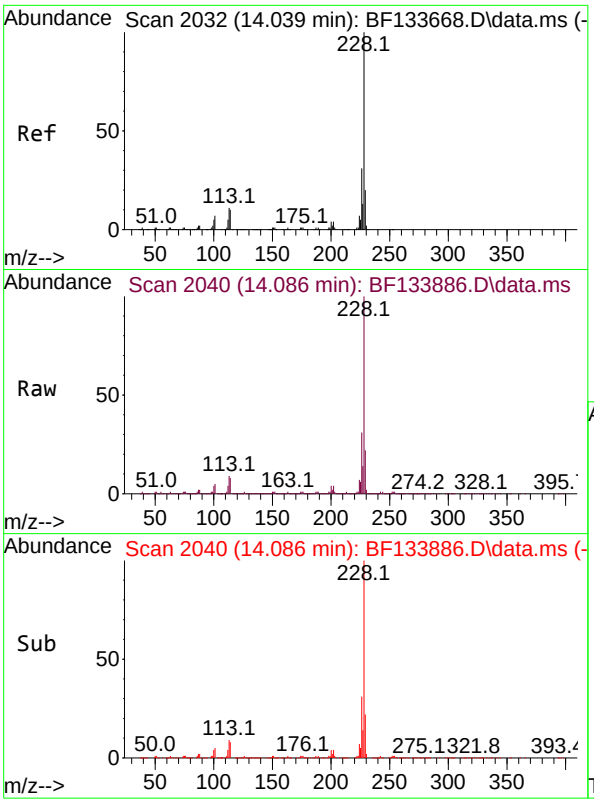


#81
Benzo(a)anthracene
Concen: 76.987 ng
RT: 14.045 min Scan# 2033
Delta R.T. 0.012 min
Lab File: BF133886.D
Acq: 21 Jun 2023 23:19

Tgt Ion:228 Resp: 849299

Ion	Ratio	Lower	Upper
228	100		
226	29.1	21.7	32.5
229	20.8	15.4	23.2



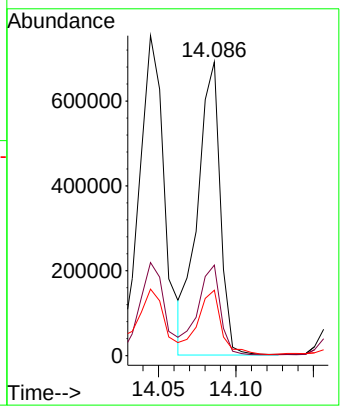


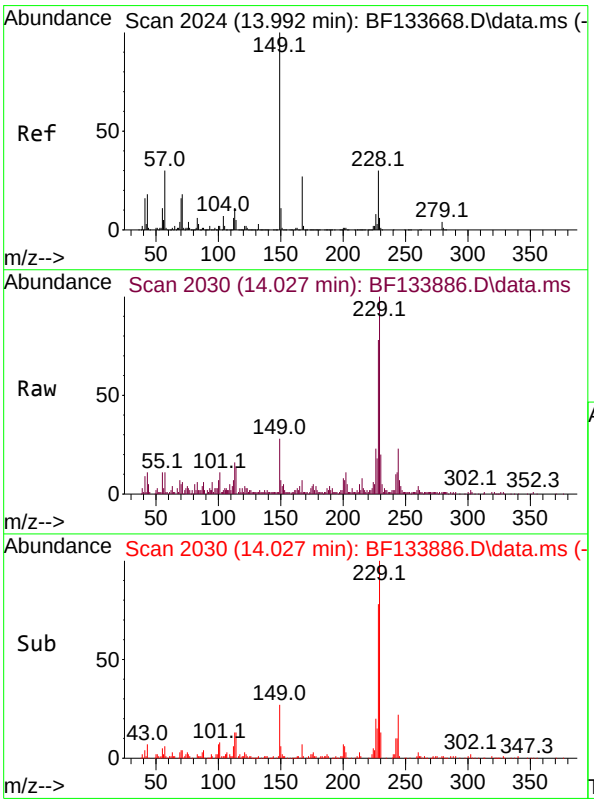
#83
Chrysene
Concen: 67.690 ng
RT: 14.086 min Scan# 20
Delta R.T. 0.012 min
Lab File: BF133886.D
Acq: 21 Jun 2023 23:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 706282

Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.6
229	22.3	15.8	23.8

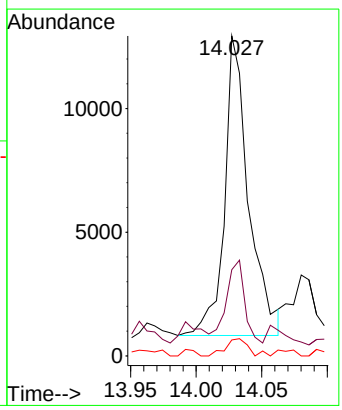


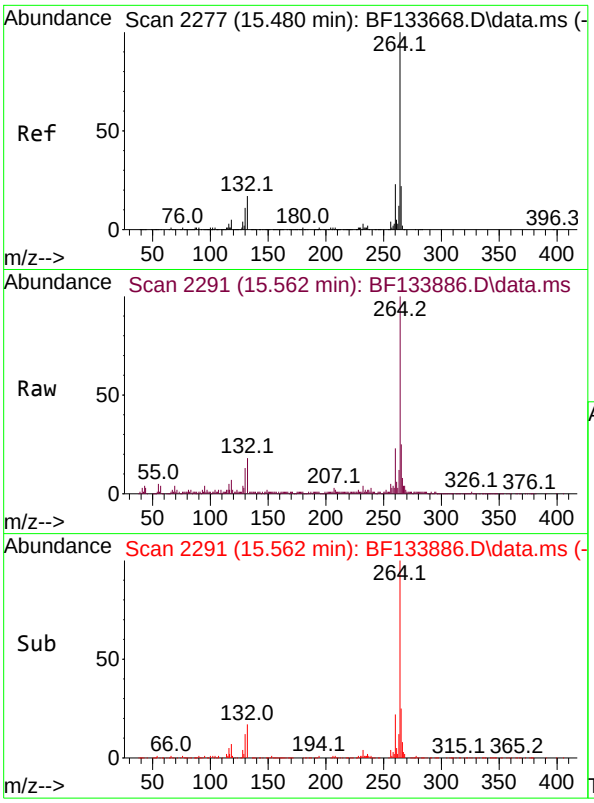


#84
Bis(2-ethylhexyl)phthalate
Concen: 2.001 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF133886.D
Acq: 21 Jun 2023 23:19

Tgt Ion:149 Resp: 15456

Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.8	32.8
279	5.0	3.3	4.9#



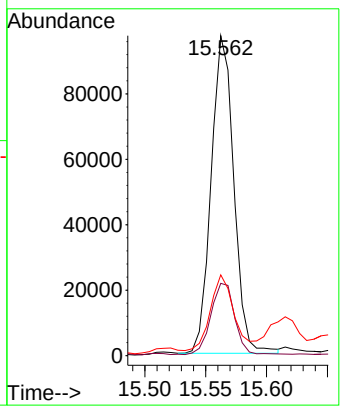


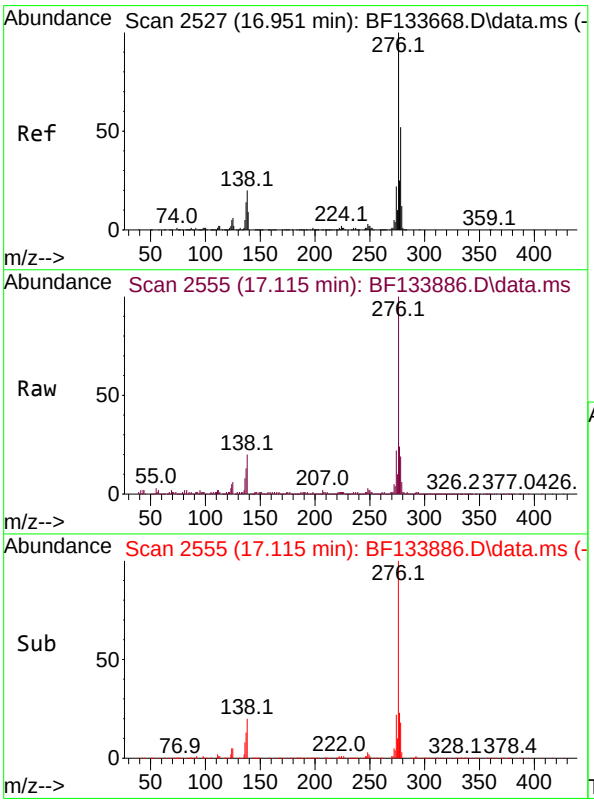
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF133886.D
Acq: 21 Jun 2023 23:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 126068

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.2	27.2
265	25.2	17.8	26.6

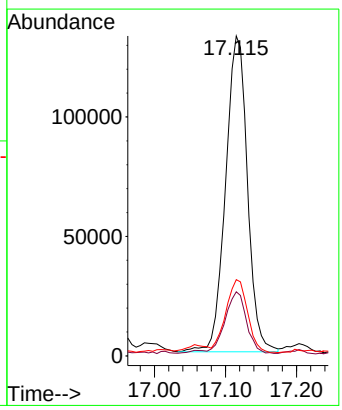


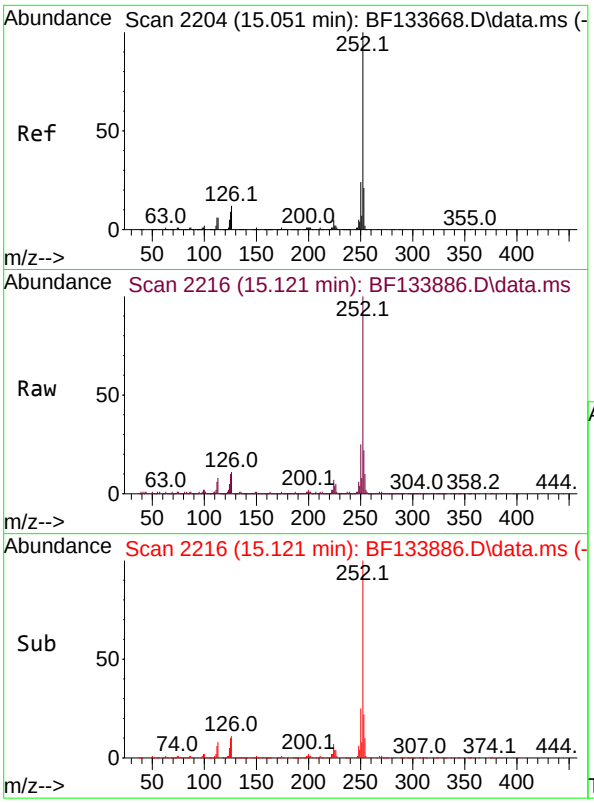


#87
Indeno(1,2,3-cd)pyrene
Concen: 32.642 ng
RT: 17.115 min Scan# 2555
Delta R.T. 0.018 min
Lab File: BF133886.D
Acq: 21 Jun 2023 23:19

Tgt Ion:276 Resp: 283109

Ion	Ratio	Lower	Upper
276	100		
138	19.9	17.9	26.9
277	22.9	20.3	30.5



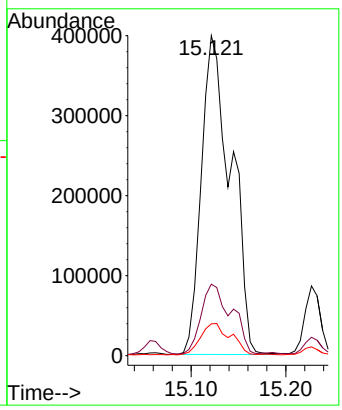


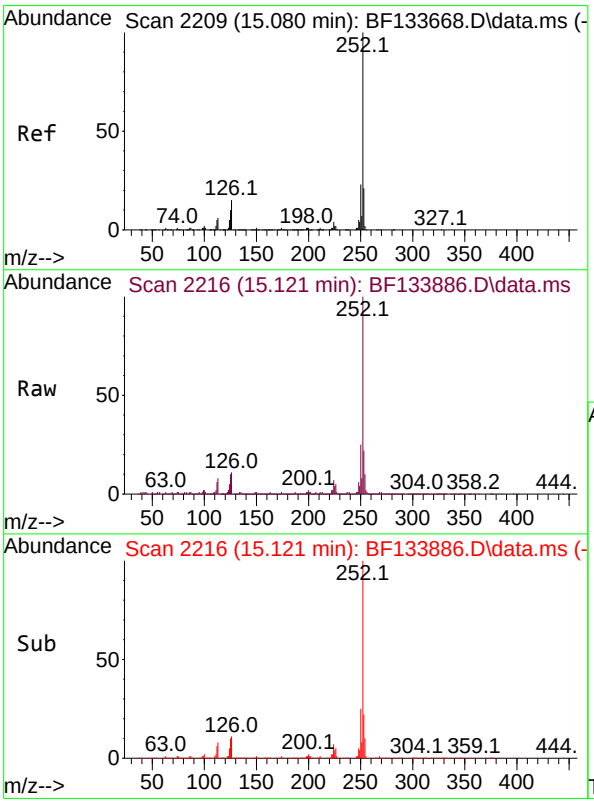
#88
Benzo(b)fluoranthene
Concen: 113.630 ng
RT: 15.121 min Scan# 2
Delta R.T. 0.018 min
Lab File: BF133886.D
Acq: 21 Jun 2023 23:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 870190

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.6
125	9.9	7.3	10.9

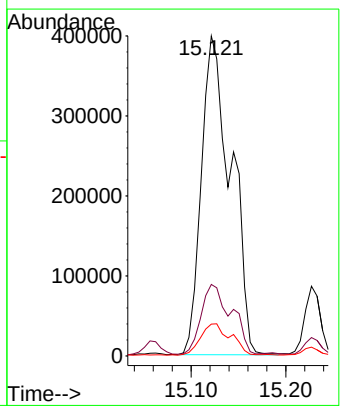


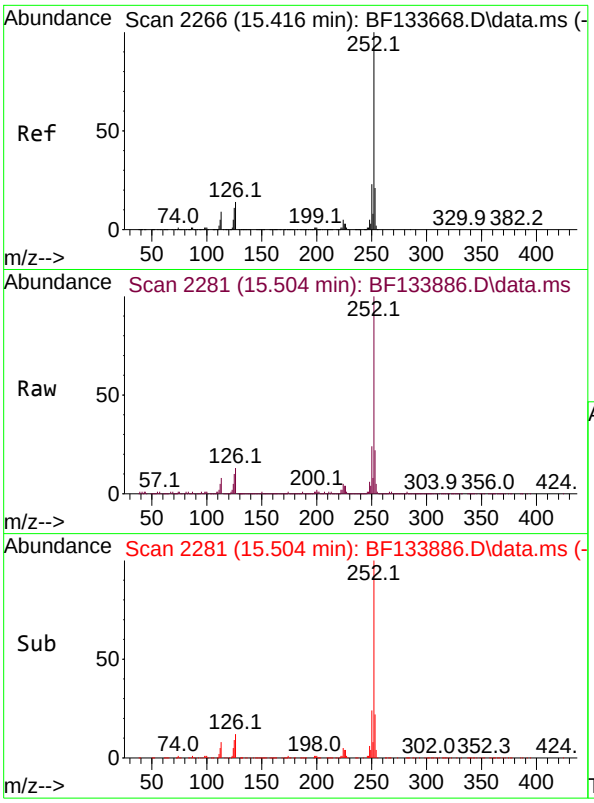


#89
Benzo(k)fluoranthene
Concen: 116.649 ng
RT: 15.121 min Scan# 2216
Delta R.T. -0.012 min
Lab File: BF133886.D
Acq: 21 Jun 2023 23:19

Tgt Ion:252 Resp: 870190

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.4
125	9.9	7.8	11.6



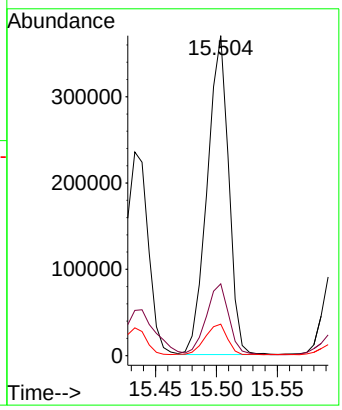


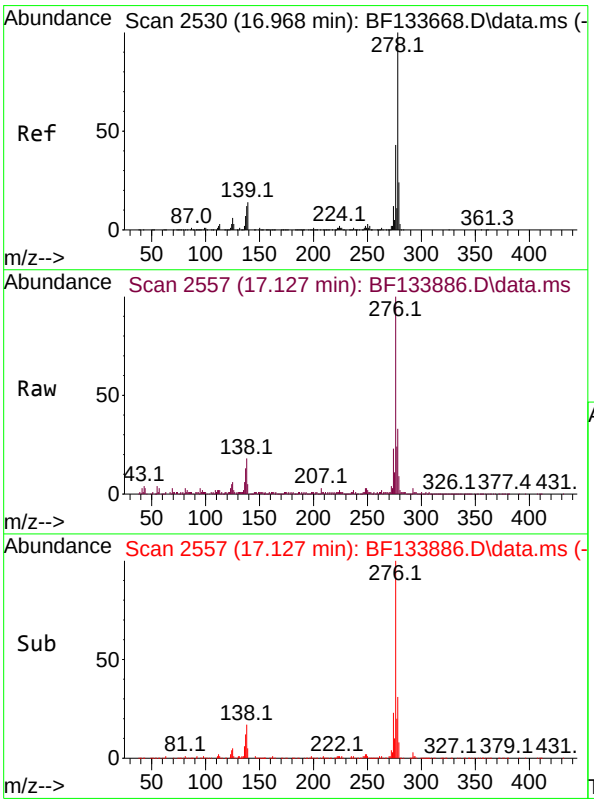
#90
Benzo(a)pyrene
Concen: 63.717 ng
RT: 15.504 min Scan# 2
Delta R.T. 0.018 min
Lab File: BF133886.D
Acq: 21 Jun 2023 23:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 452856

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.1	25.7
125	9.8	8.6	13.0

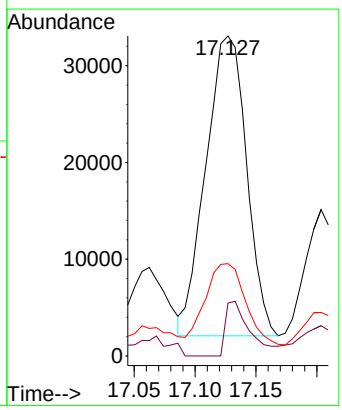


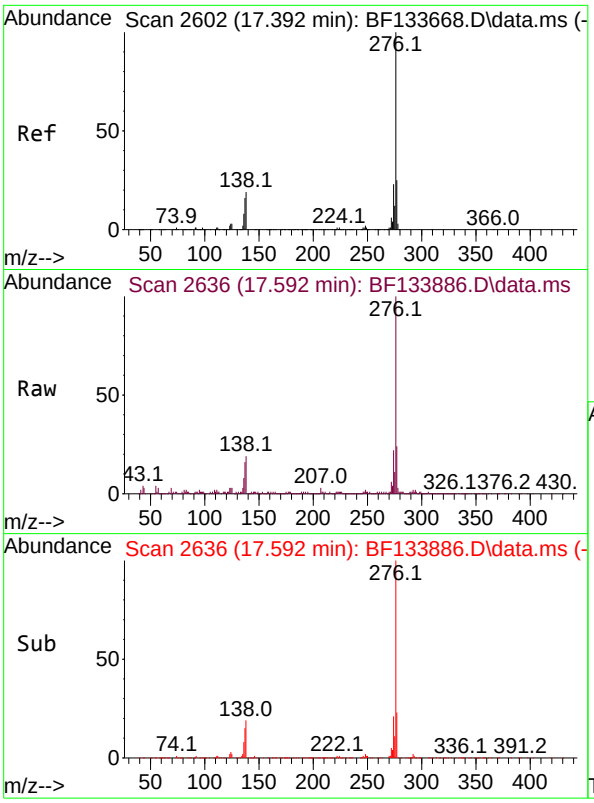


#91
Dibenzo(a,h)anthracene
Concen: 10.056 ng
RT: 17.127 min Scan# 2557
Delta R.T. 0.006 min
Lab File: BF133886.D
Acq: 21 Jun 2023 23:19

Tgt Ion:278 Resp: 72205

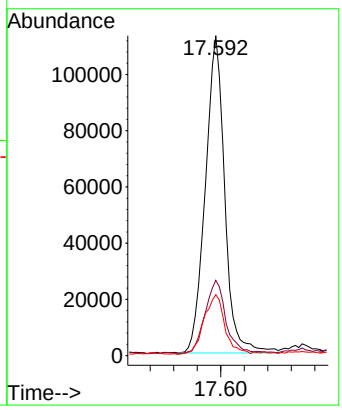
Ion	Ratio	Lower	Upper
278	100		
139	16.5	11.4	17.2
279	28.8	19.0	28.4#





#92
Benzo(g,h,i)perylene
Concen: 36.285 ng
RT: 17.592 min Scan# 2
Delta R.T. 0.018 min
Lab File: BF133886.D
Acq: 21 Jun 2023 23:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 258317

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.8	29.8
138	19.0	15.0	22.4