Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF010220\

Quantitation Report (Not Reviewed)

Data File : BF118453.D
Acq On : 2 Jan 2020 23:30
Operator : JU
Sample : K6465-02DL 25X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-11-(5-6)DL

Quant Time: Jan 03 02:14:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 15:58:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	73342	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	298816	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	141749	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	245494	20.00	ng		0.00
76) Chrysene-d12	14.04	240	195029	20.00	ng		0.00
87) Perylene-d12	15.53	264	199987	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	15731	3.66	ng		0.02
7) Phenol-d6	6.50	99	22177	4.16	ng		0.02
23) Nitrobenzene-d5	7.42	82	15282	2.93	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	5373	3.07	ng		0.00
45) 2-Fluorobiphenyl	9.21	172	30134	3.25	ng		-0.01
79) Terphenyl-d14	12.97	244	28675	2.44	ng		-0.01
Target Compounds							Qvalue
31) Naphthalene	8.16	128	172751	11.374	ng		98
32) Benzoic acid	8.15	122	388	5.784	ng	#	1
33) 4-Chloroaniline	8.16	127	21899	3.363	ng	#	39
37) 2-Methylnaphthalene	8.85	142	35189	3.384	ng		97
38) 1-Methylnaphthalene	8.95	142	25929	2.647	ng		98
51) 2,6-Dinitrotoluene	9.89	165	19300	8.413	ng	#	27
52) Acenaphthene	9.93	154	54101	6.637	ng		97
55) Dibenzofuran	10.10	168	71280	5.918	ng		100
56) 4-Nitrophenol	10.10	139	28910	17.393	ng	#	7
58) Fluorene	10.45	166	92603	9.524	ng		99
71) Phenanthrene	11.42	178	792556	59.221	ng		99
72) Anthracene	11.47	178	212032	15.828	ng		96
73) Carbazole	11.63	167	43342	3.646	ng		98
75) Fluoranthene	12.61	202	485316	35.932	ng		99
78) Pyrene	12.84	202	506455	31.800	ng		100
81) Benzo(a)anthracene	14.03	228	227930	16.696	ng		99
83) Chrysene	14.07	228	190764	14.594	ng		98
86) Indeno(1,2,3-cd)pyrene	17.04	276	60500	5.432	ng		94
88) Benzo(b)fluoranthene	15.10	252	231836	17.464	ng		100
89) Benzo(k)fluoranthene	15.10	252	231836	18.188	ng		99
90) Benzo(a)pyrene	15.47	252	140806	12.041	ng		99
92) Benzo(g,h,i)perylene	17.50	276	54243	5.533	ng		97

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF010220\

Quantitation Report (Not Reviewed)

Data File : BF118453.D
Acq On : 2 Jan 2020 23:30
Operator : JU
Sample : K6465-02DL 25X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GP-11-(5-6)DL

Quant Time: Jan 03 02:14:52 2020
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 15:58:52 2019
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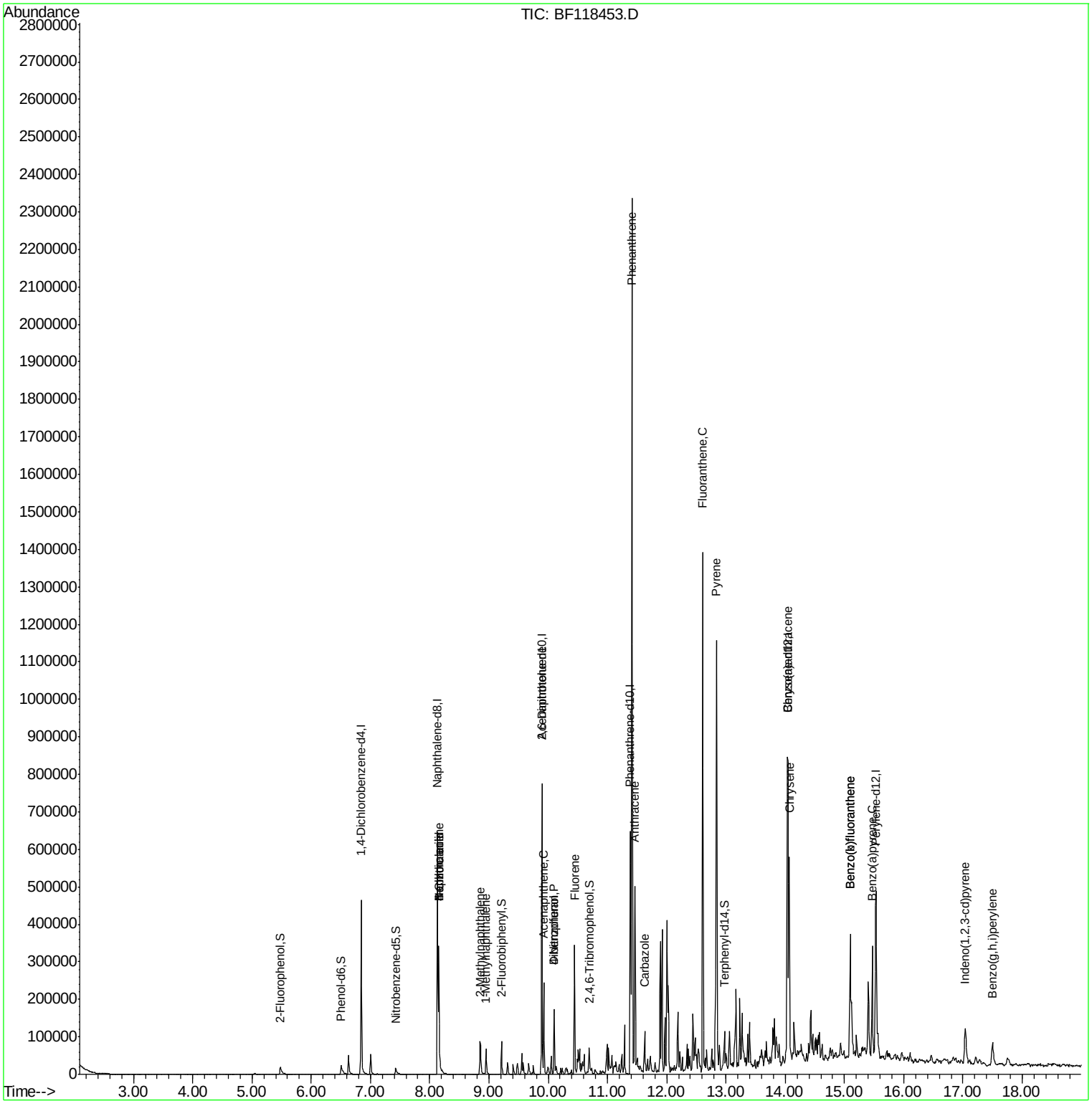
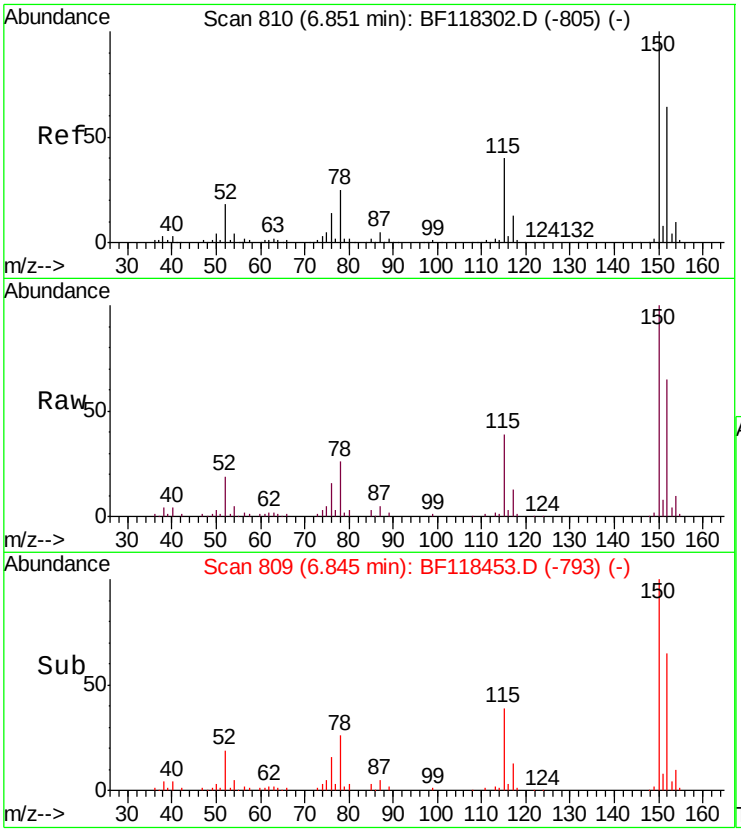


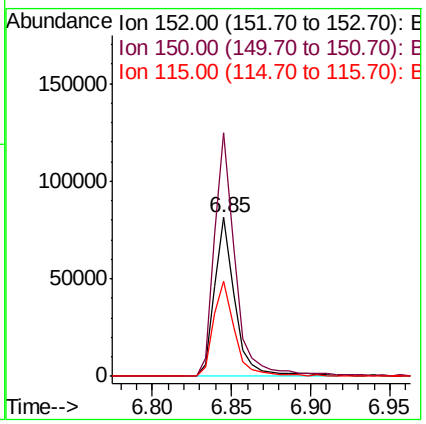


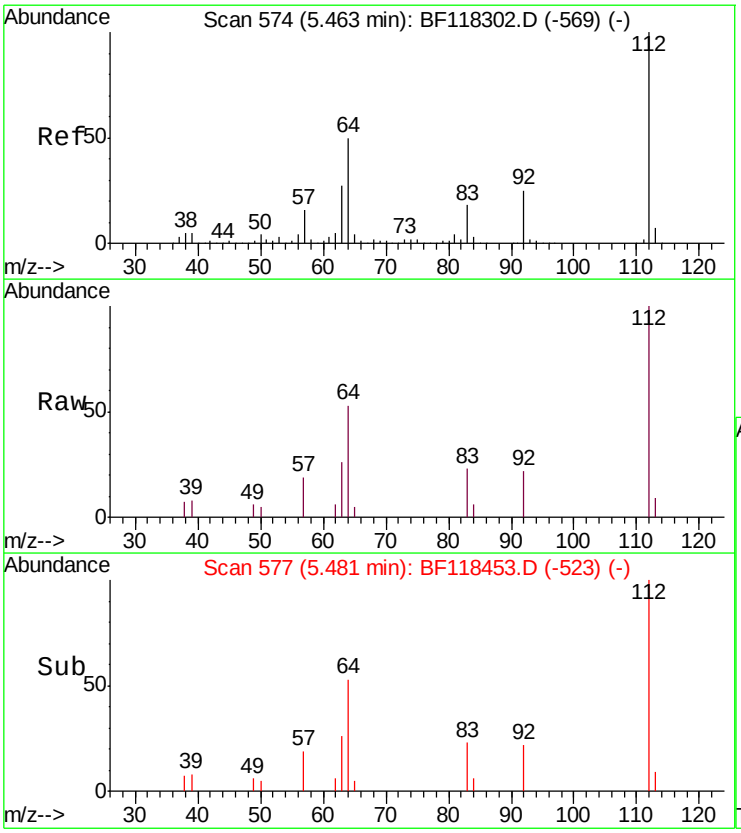
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF118453.D
Acq: 2 Jan 2020 23:30

Instrument :
BNA_F
ClientSampleId :
GP-11-(5-6)DL

Tgt Ion:152 Resp: 73342

Ion	Ratio	Lower	Upper
152	100		
150	153.6	125.4	188.2
115	60.1	50.2	75.4

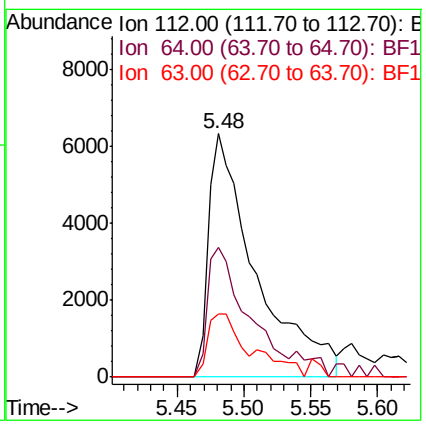


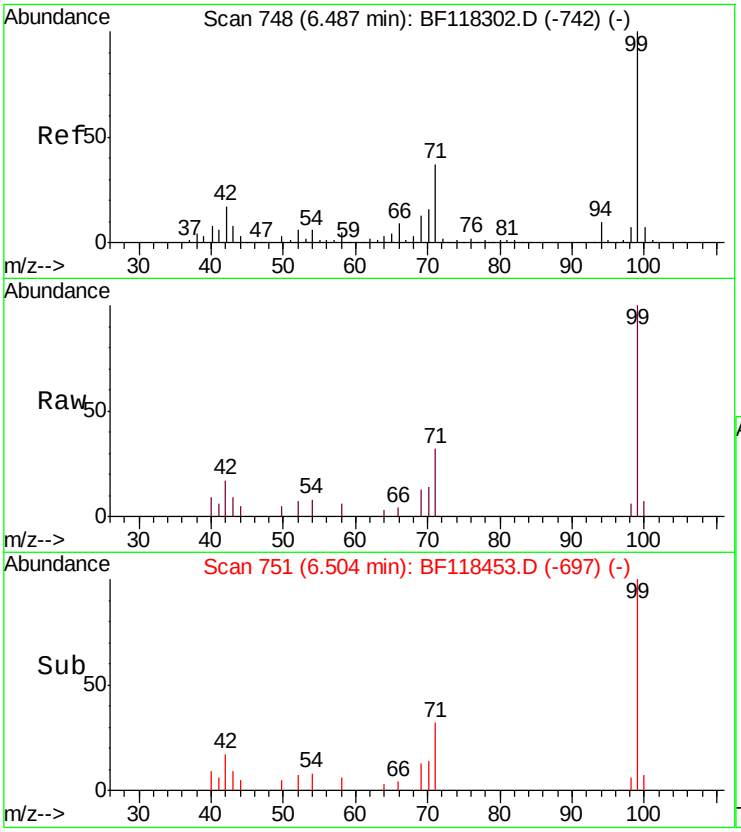


#5
2-Fluorophenol
Concen: 3.661 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.02 min
Lab File: BF118453.D
Acq: 2 Jan 2020 23:30

Tgt Ion:112 Resp: 15731

Ion	Ratio	Lower	Upper
112	100		
64	53.2	39.7	59.5
63	26.1	21.7	32.5



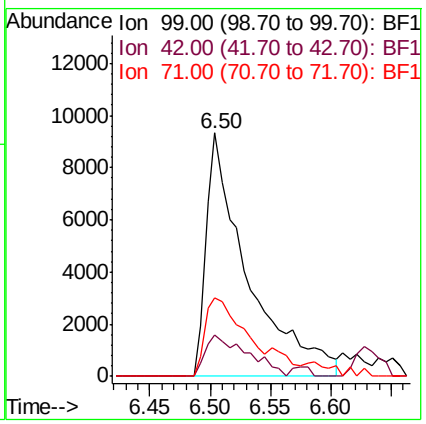


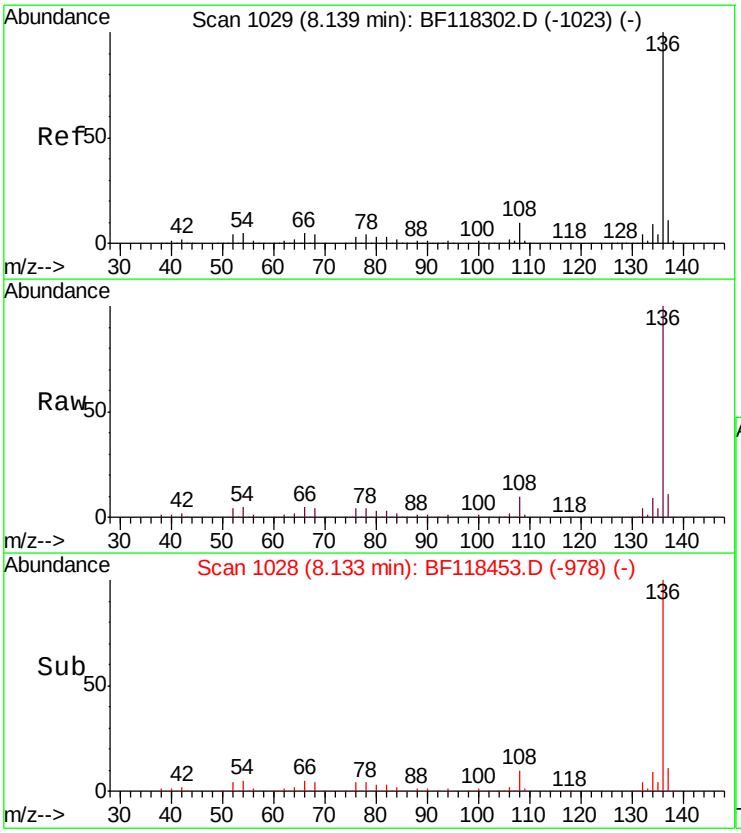
#7
Phenol-d6
Concen: 4.161 ng
RT: 6.50 min Scan# 751
Delta R.T. 0.02 min
Lab File: BF118453.D
Acq: 2 Jan 2020 23:30

Instrument :
BNA_F
ClientSampleId :
GP-11-(5-6)DL

Tgt Ion: 99 Resp: 22177

Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.5	20.3
71	32.2	29.4	44.2

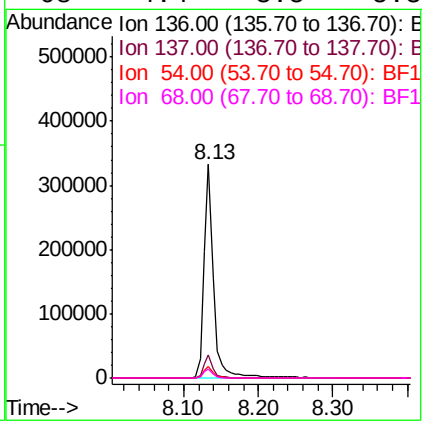


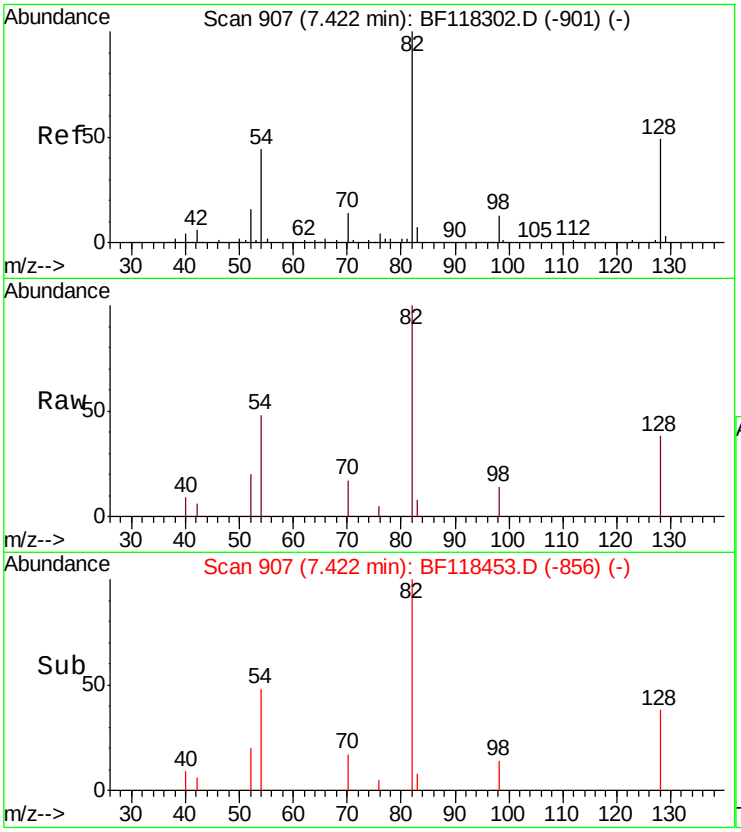


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF118453.D
Acq: 2 Jan 2020 23:30

Tgt Ion:136 Resp: 298816

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	5.2	4.2	6.4
68	4.4	3.5	5.3



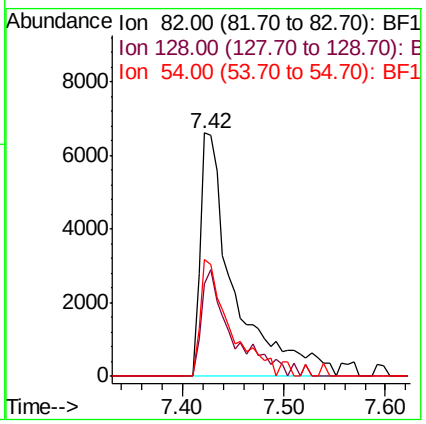


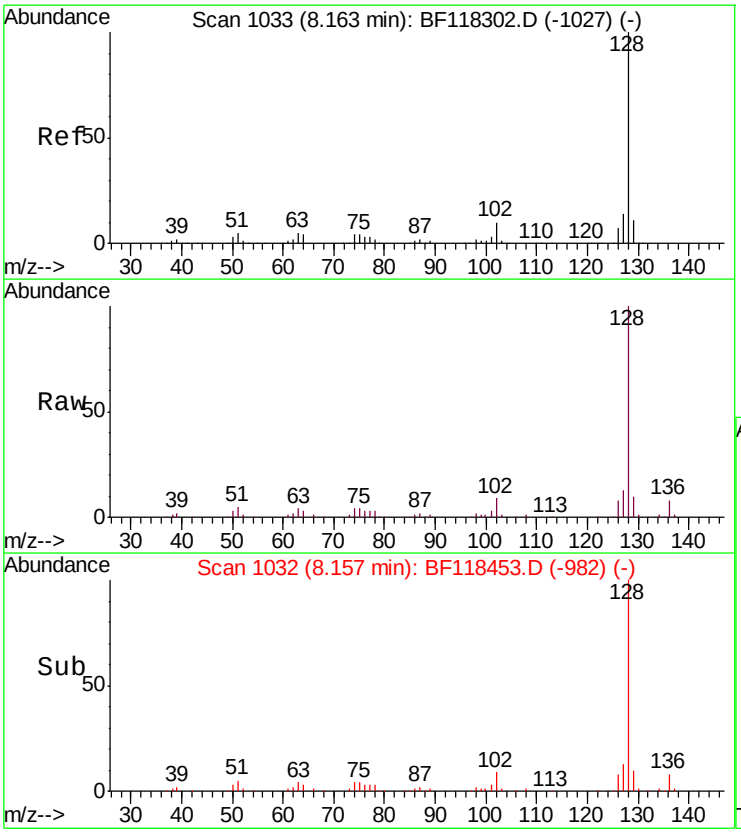
#23
Nitrobenzene-d5
Concen: 2.925 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.00 min
Lab File: BF118453.D
Acq: 2 Jan 2020 23:30

Instrument :
BNA_F
ClientSampleId :
GP-11-(5-6)DL

Tgt Ion: 82 Resp: 15282

Ion	Ratio	Lower	Upper
82	100		
128	38.0	39.6	59.4#
54	47.9	34.9	52.3

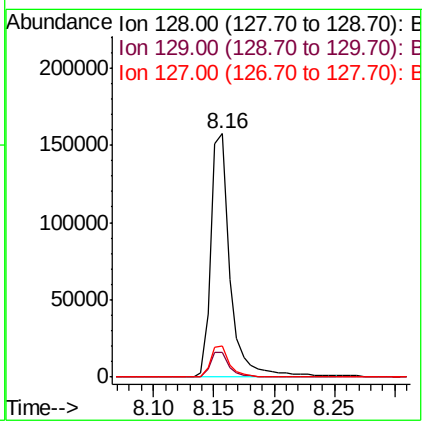


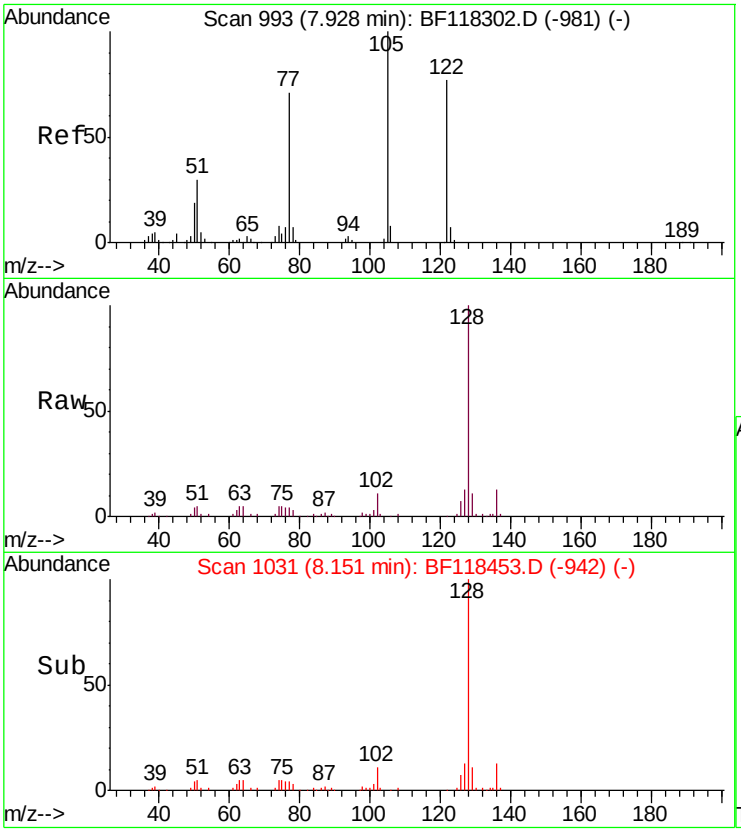


#31
Naphthalene
Concen: 11.374 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF118453.D
Acq: 2 Jan 2020 23:30

Tgt Ion:128 Resp: 172751

Ion	Ratio	Lower	Upper
128	100		
129	10.0	9.0	13.4
127	13.0	11.0	16.4



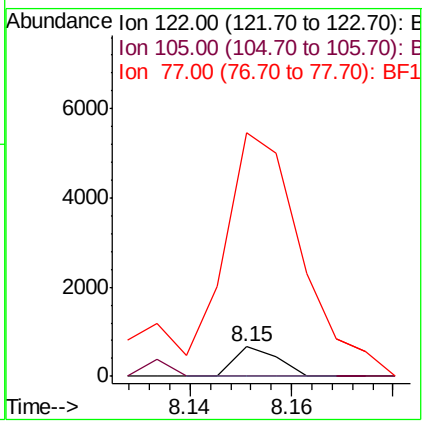


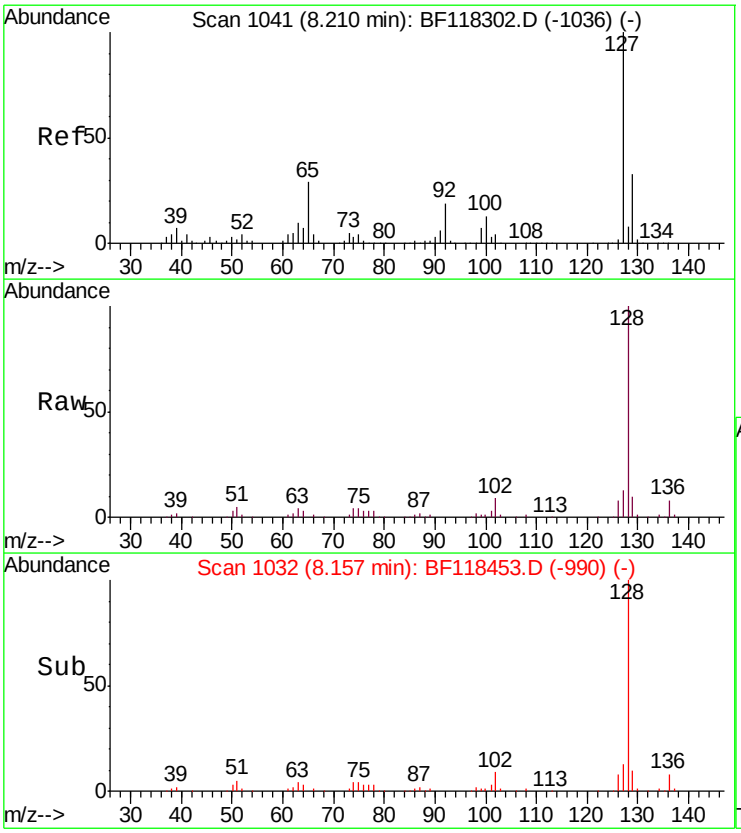
#32
Benzoic acid
Concen: 5.784 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.22 min
Lab File: BF118453.D
Acq: 2 Jan 2020 23:30

Instrument :
BNA_F
ClientSampleId :
GP-11-(5-6)DL

Tgt Ion:122 Resp: 388

Ion	Ratio	Lower	Upper
122	100		
105	0.0	106.8	146.8#
77	821.1	70.4	110.4#

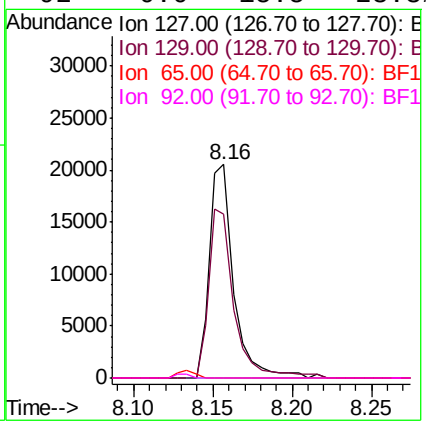


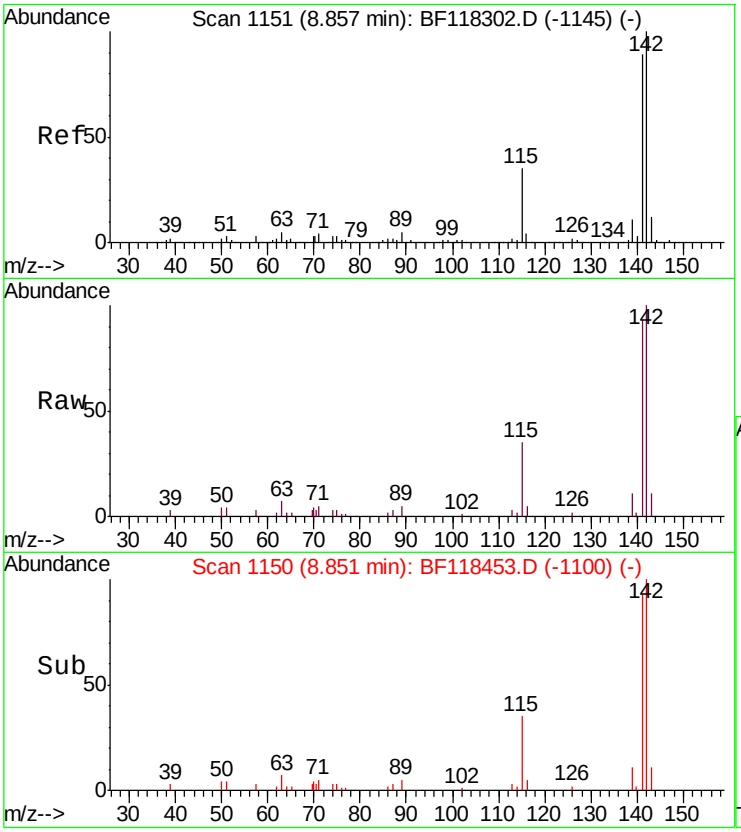


#33
4-Chloroaniline
Concen: 3.363 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.05 min
Lab File: BF118453.D
Acq: 2 Jan 2020 23:30

Tgt Ion:127 Resp: 21899

Ion	Ratio	Lower	Upper
127	100		
129	76.9	26.5	39.7#
65	0.0	22.8	34.2#
92	0.0	15.5	23.3#



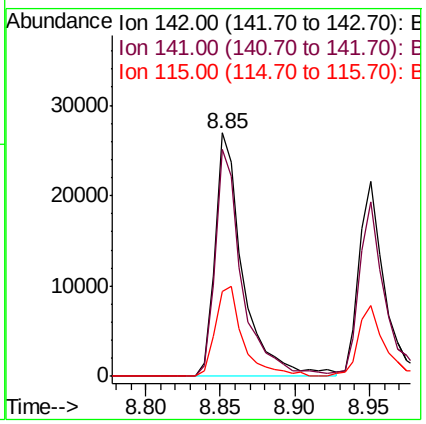


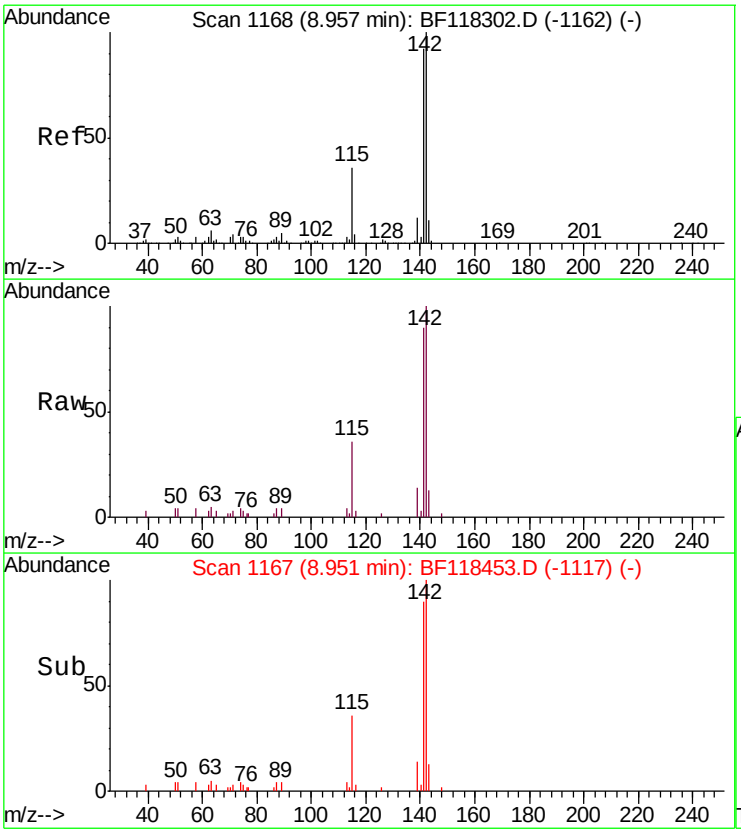
#37
2-Methylnaphthalene
Concen: 3.384 ng
RT: 8.85 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF118453.D
Acq: 2 Jan 2020 23:30

Instrument :
BNA_F
ClientSampleId :
GP-11-(5-6)DL

Tgt Ion:142 Resp: 35189

Ion	Ratio	Lower	Upper
142	100		
141	93.1	71.2	106.8
115	34.9	28.0	42.0

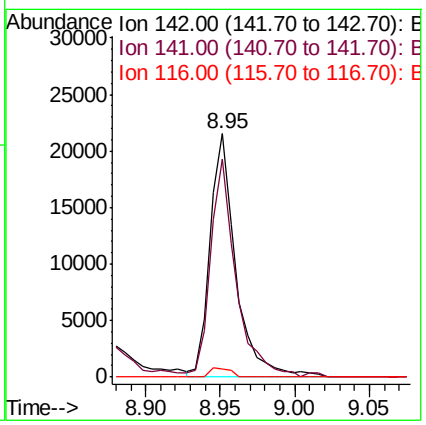


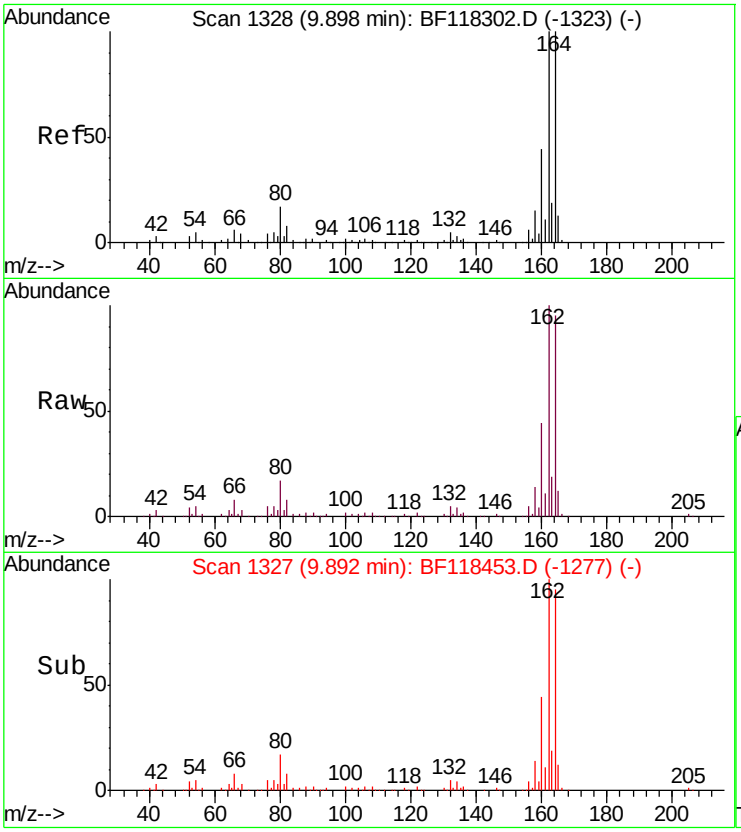


#38
1-Methylnaphthalene
Concen: 2.647 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BF118453.D
Acq: 2 Jan 2020 23:30

Tgt Ion:142 Resp: 25929

Ion	Ratio	Lower	Upper
142	100		
141	89.6	73.4	110.2
116	3.5	2.9	4.3



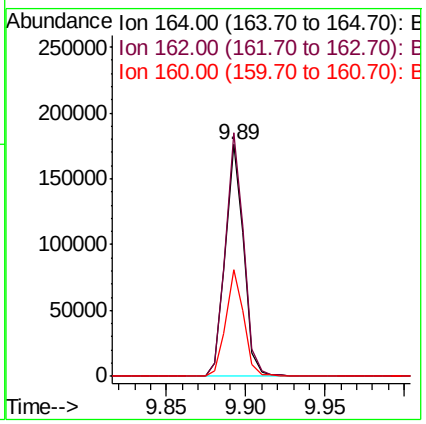


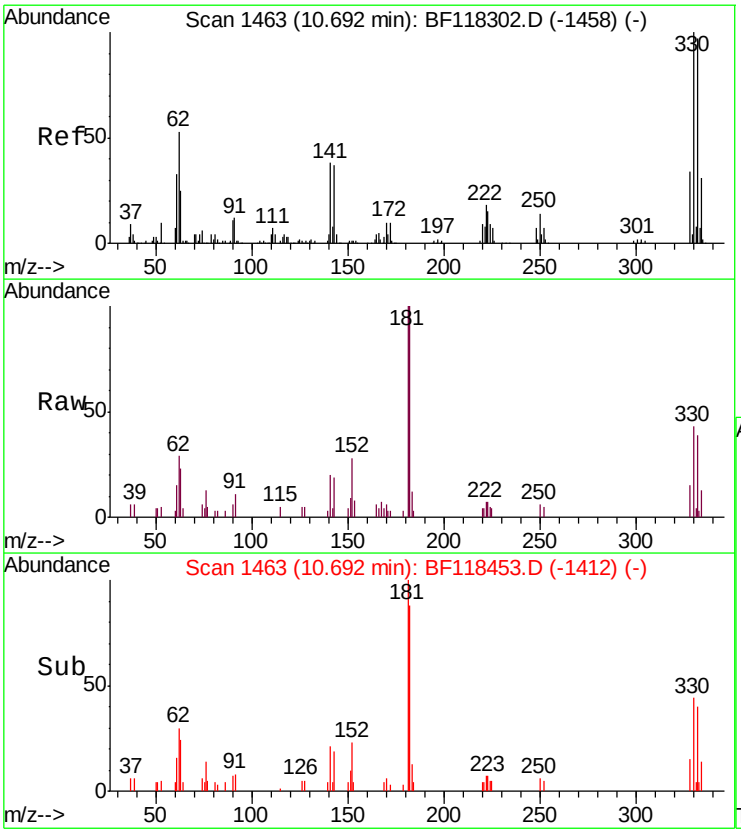
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF118453.D
Acq: 2 Jan 2020 23:30

Instrument :
BNA_F
ClientSampleId :
GP-11-(5-6)DL

Tgt Ion:164 Resp: 141749

Ion	Ratio	Lower	Upper
164	100		
162	105.0	80.0	120.0
160	45.9	34.8	52.2

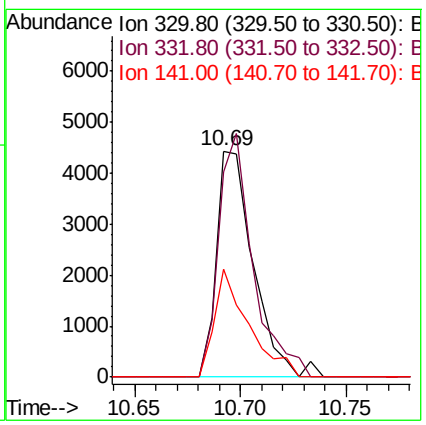


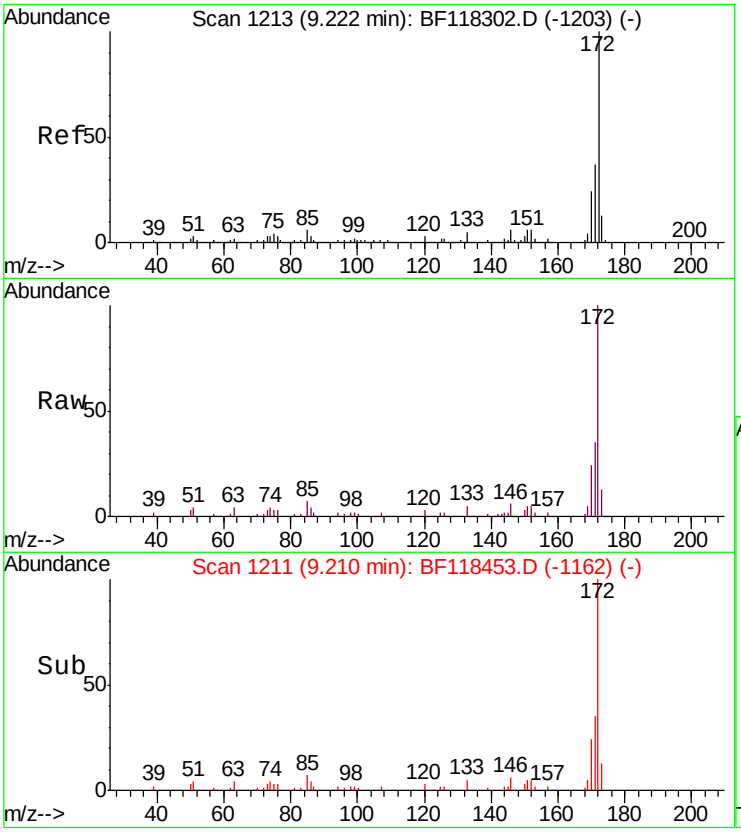


#42
2,4,6-Tribromophenol
Concen: 3.069 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.00 min
Lab File: BF118453.D
Acq: 2 Jan 2020 23:30

Tgt Ion:330 Resp: 5373

Ion	Ratio	Lower	Upper
330	100		
332	100.3	76.6	114.8
141	44.6	26.0	39.0#



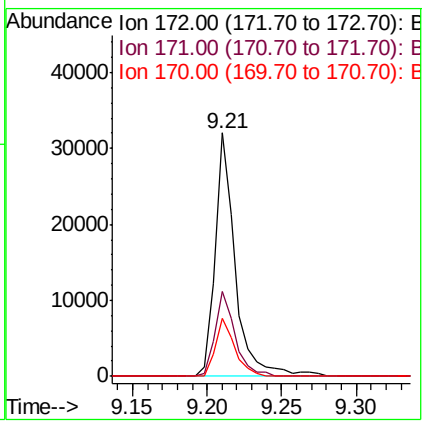


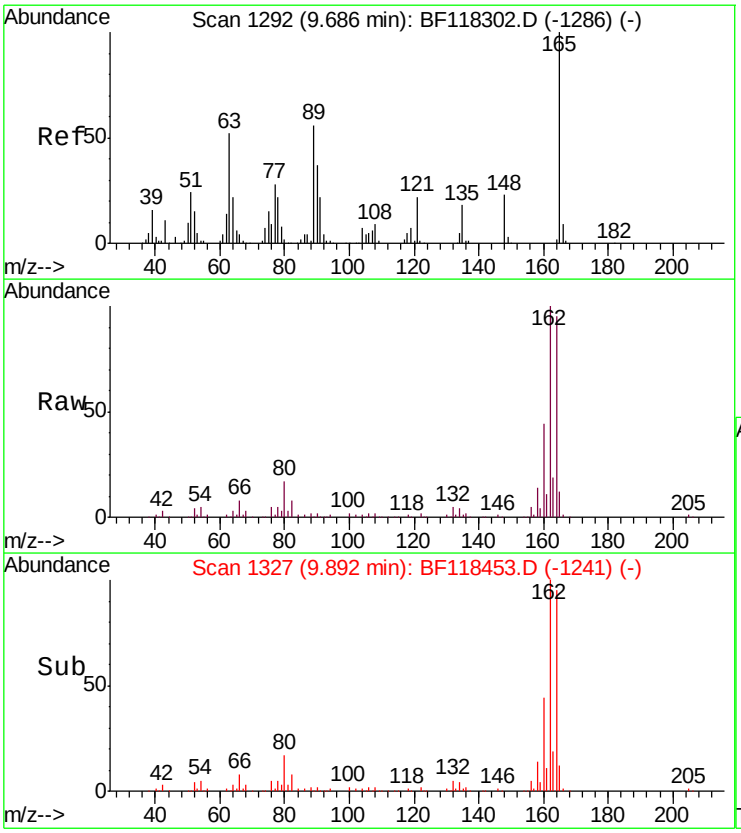
#45
2-Fluorobiphenyl
Concen: 3.245 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF118453.D
Acq: 2 Jan 2020 23:30

Instrument :
BNA_F
ClientSampleId :
GP-11-(5-6)DL

Tgt Ion:172 Resp: 30134

Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.3	43.9
170	23.8	19.2	28.8

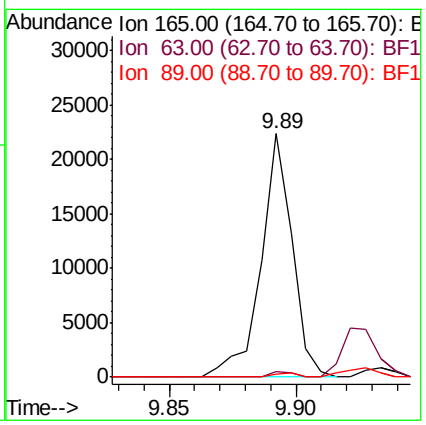


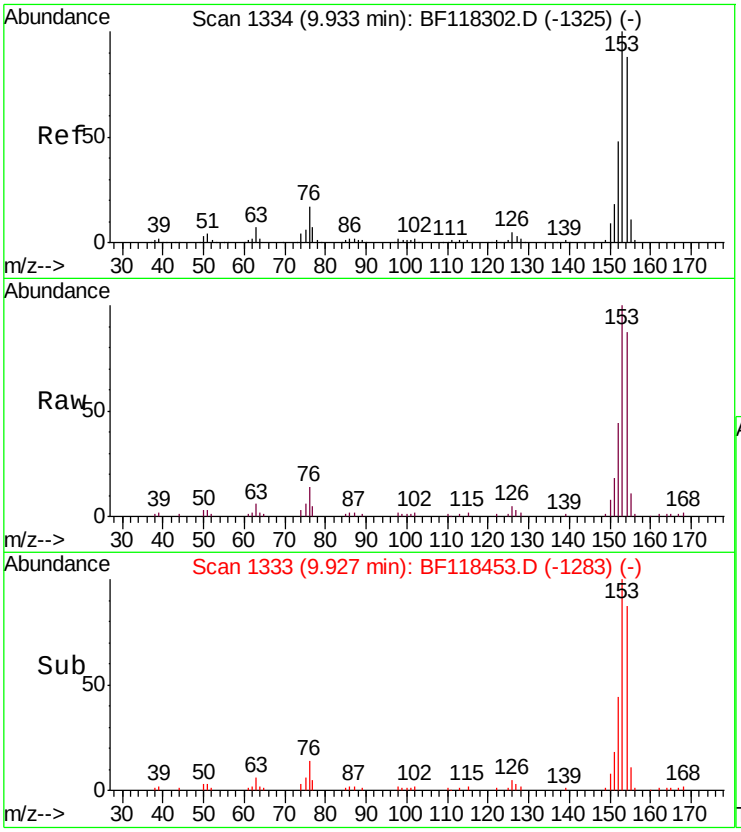


#51
2,6-Dinitrotoluene
Concen: 8.413 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.21 min
Lab File: BF118453.D
Acq: 2 Jan 2020 23:30

Tgt Ion:165 Resp: 19300

Ion	Ratio	Lower	Upper
165	100		
63	2.1	42.2	63.4#
89	1.4	44.4	66.6#



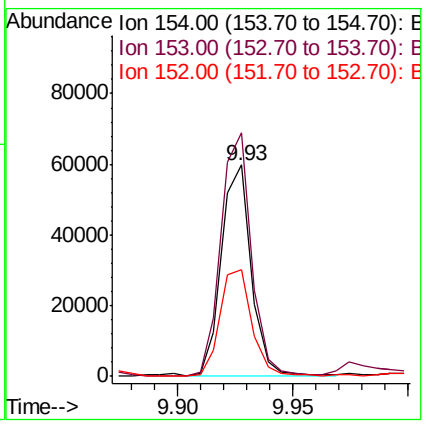


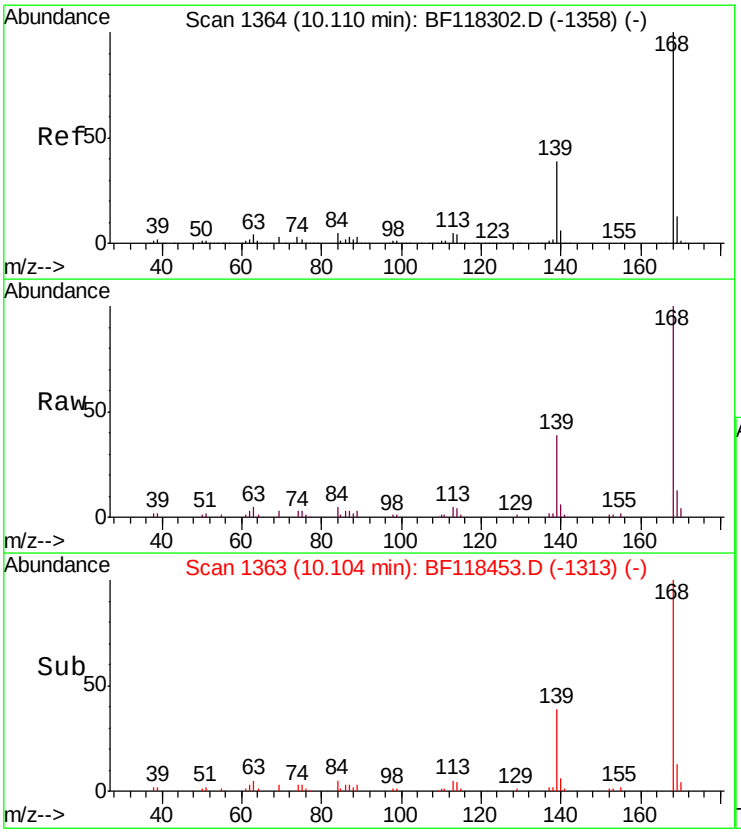
#52
Acenaphthene
Concen: 6.637 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF118453.D
Acq: 2 Jan 2020 23:30

Instrument :
BNA_F
ClientSampleId :
GP-11-(5-6)DL

Tgt Ion:154 Resp: 54101

Ion	Ratio	Lower	Upper
154	100		
153	115.3	90.6	136.0
152	50.3	43.1	64.7

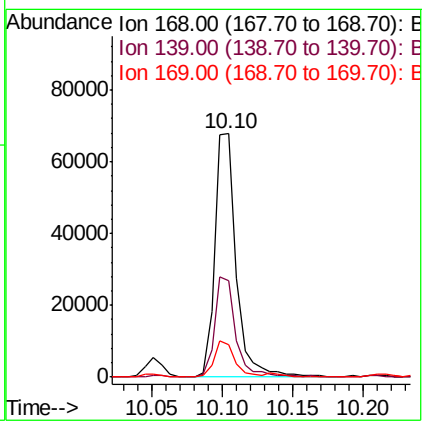


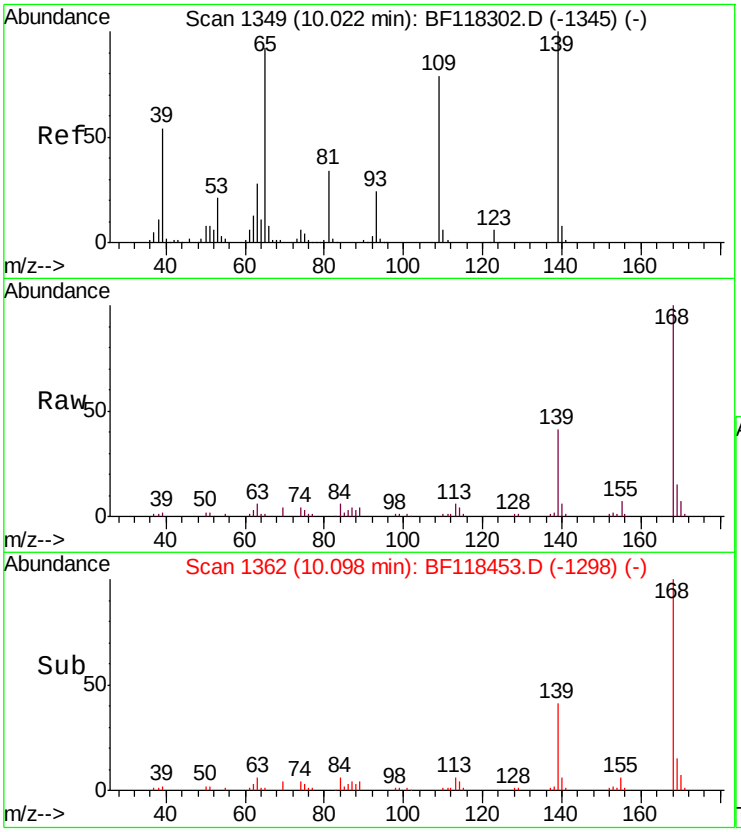


#55
Dibenzofuran
Concen: 5.918 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF118453.D
Acq: 2 Jan 2020 23:30

Tgt Ion:168 Resp: 71280

Ion	Ratio	Lower	Upper
168	100		
139	39.3	31.5	47.3
169	13.2	10.4	15.6



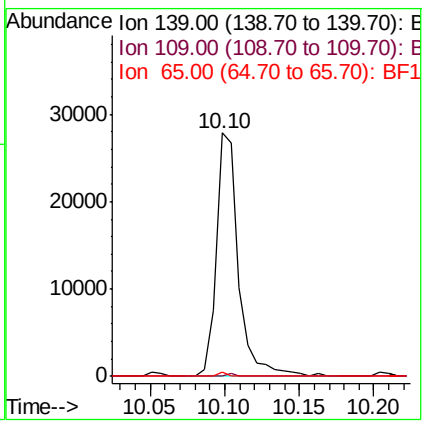


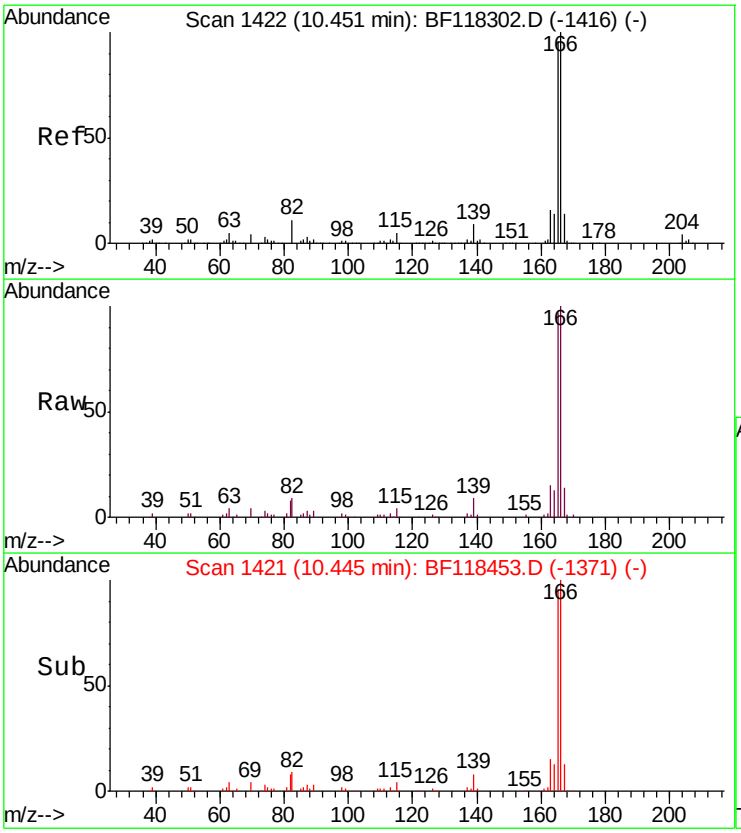
#56
4-Nitrophenol
Concen: 17.393 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.08 min
Lab File: BF118453.D
Acq: 2 Jan 2020 23:30

Instrument :
BNA_F
ClientSampleId :
GP-11-(5-6)DL

Tgt Ion:139 Resp: 28910

Ion	Ratio	Lower	Upper
139	100		
109	0.0	59.3	99.3#
65	1.7	72.4	112.4#

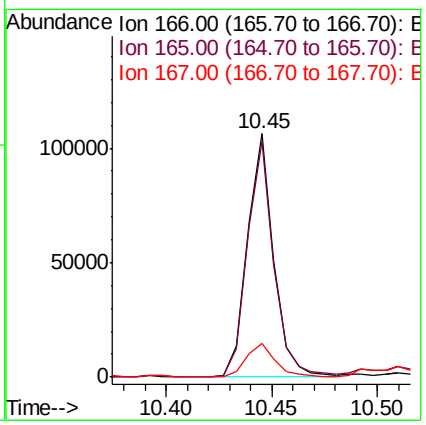


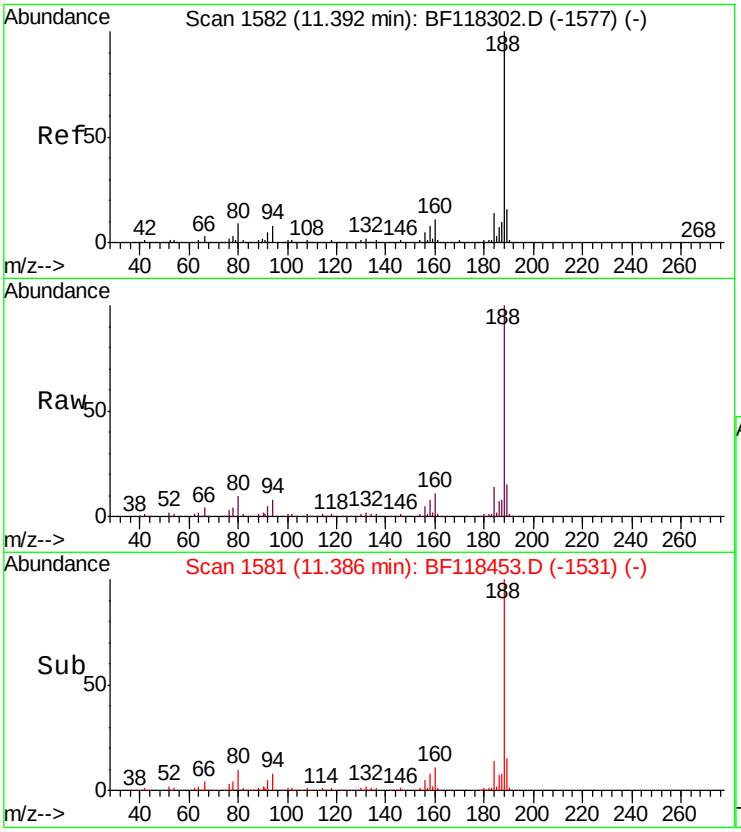


#58
Fluorene
Concen: 9.524 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF118453.D
Acq: 2 Jan 2020 23:30

Tgt Ion:166 Resp: 92603

Ion	Ratio	Lower	Upper
166	100		
165	96.8	77.0	115.4
167	13.6	10.9	16.3



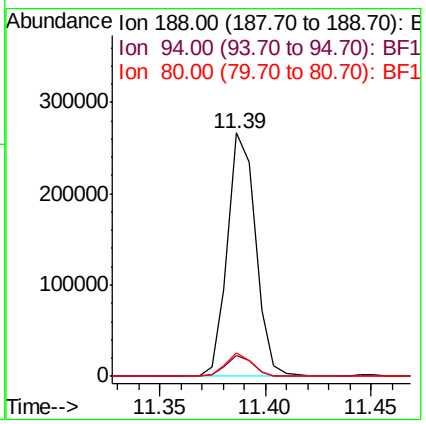


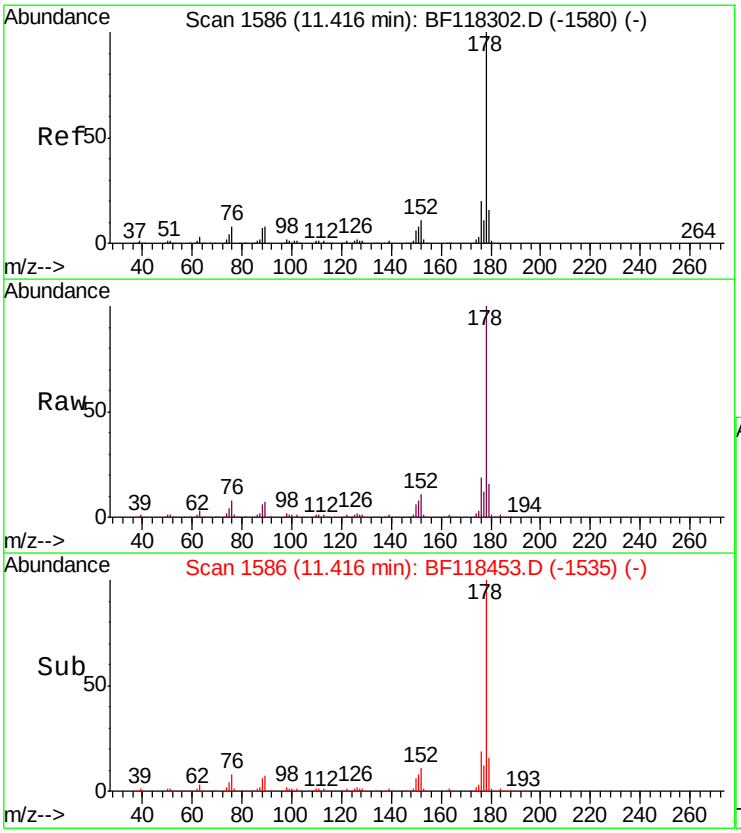
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF118453.D
Acq: 2 Jan 2020 23:30

Instrument :
BNA_F
ClientSampleId :
GP-11-(5-6)DL

Tgt Ion:188 Resp: 245494

Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.7	10.1
80	9.6	7.2	10.8

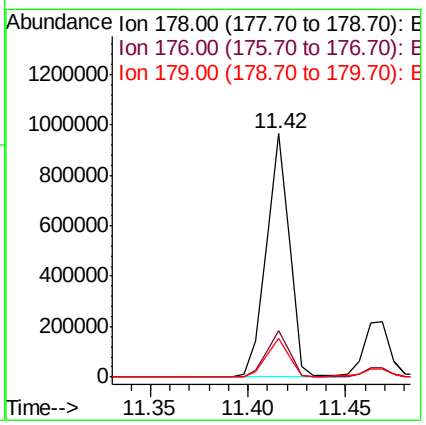


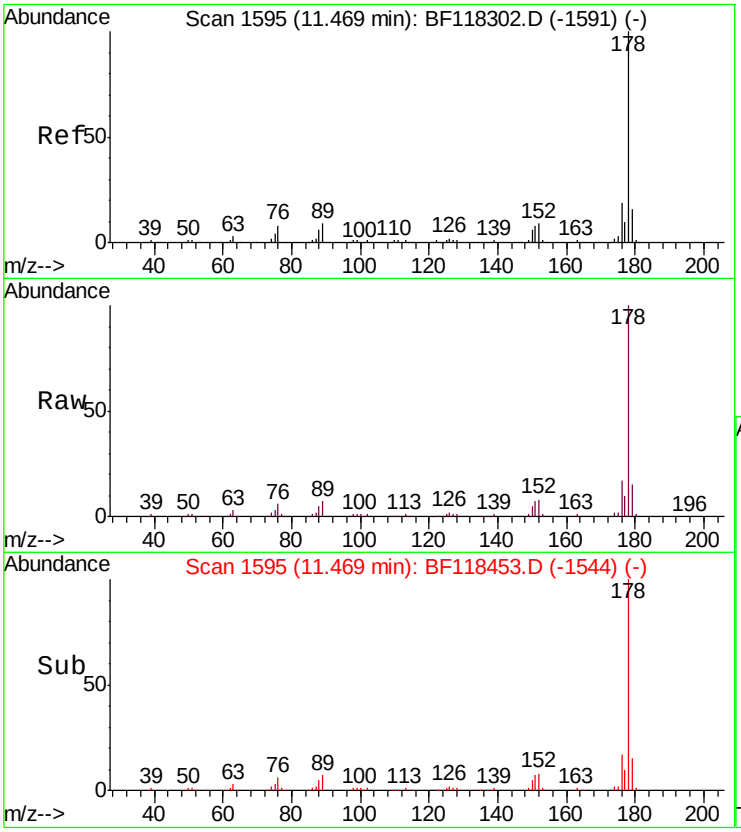


#71
Phenanthrene
Concen: 59.221 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF118453.D
Acq: 2 Jan 2020 23:30

Tgt Ion:178 Resp: 792556

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.6	23.4
179	16.0	12.6	19.0



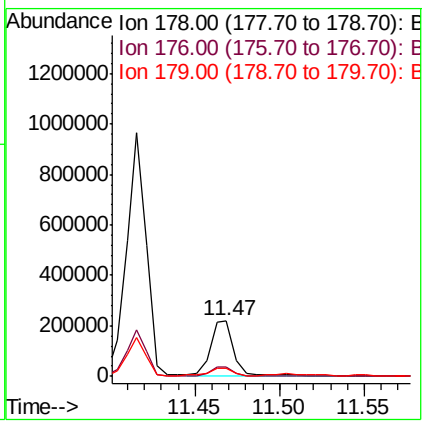


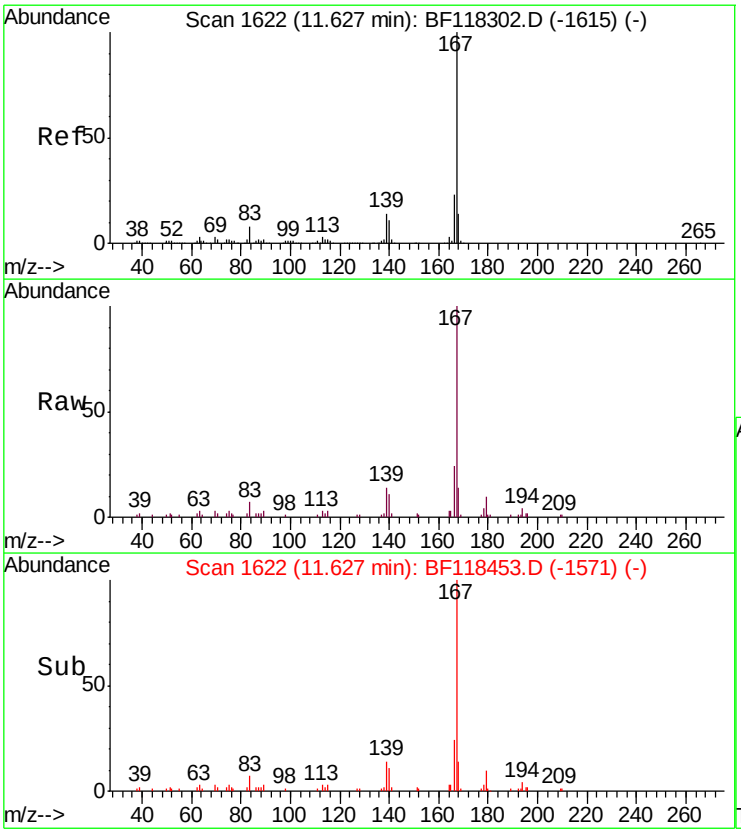
#72
Anthracene
Concen: 15.828 ng
RT: 11.47 min Scan# 1595
Delta R.T. -0.00 min
Lab File: BF118453.D
Acq: 2 Jan 2020 23:30

Instrument :
BNA_F
ClientSampleId :
GP-11-(5-6)DL

Tgt Ion:178 Resp: 212032

Ion	Ratio	Lower	Upper
178	100		
176	17.3	15.2	22.8
179	14.7	12.9	19.3

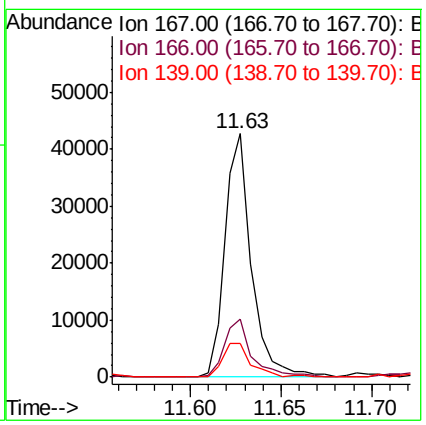


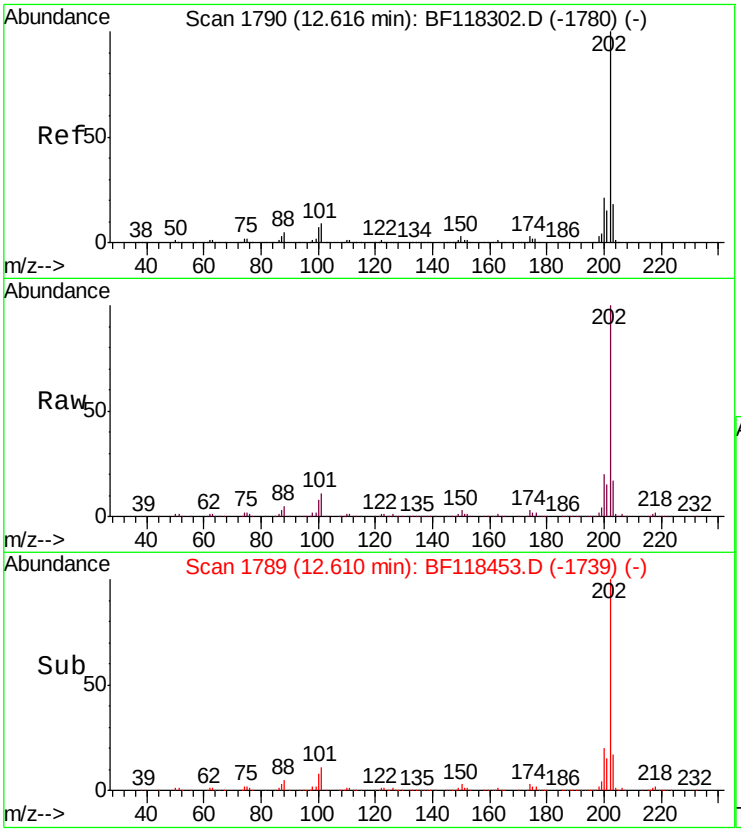


#73
Carbazole
Concen: 3.646 ng
RT: 11.63 min Scan# 1622
Delta R.T. -0.00 min
Lab File: BF118453.D
Acq: 2 Jan 2020 23:30

Tgt Ion:167 Resp: 43342

Ion	Ratio	Lower	Upper
167	100		
166	23.9	18.1	27.1
139	13.8	11.5	17.3



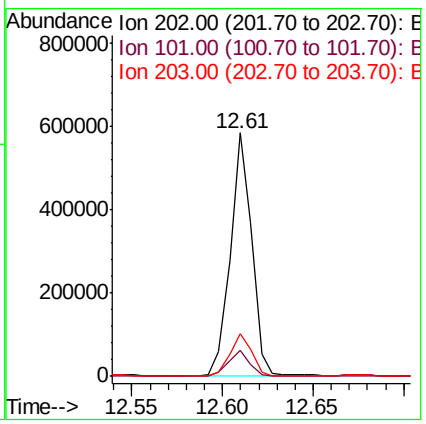


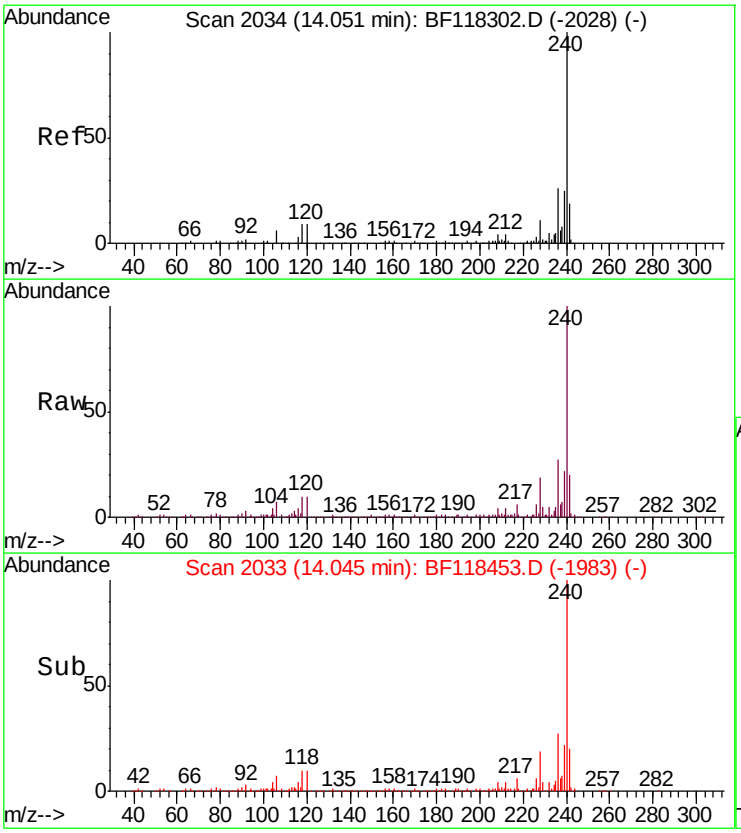
#75
Fluoranthene
Concen: 35.932 ng
RT: 12.61 min Scan# 1789
Delta R.T. -0.01 min
Lab File: BF118453.D
Acq: 2 Jan 2020 23:30

Instrument :
BNA_F
ClientSampleId :
GP-11-(5-6)DL

Tgt Ion:202 Resp: 485316

Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	29.5
203	17.4	0.0	37.6

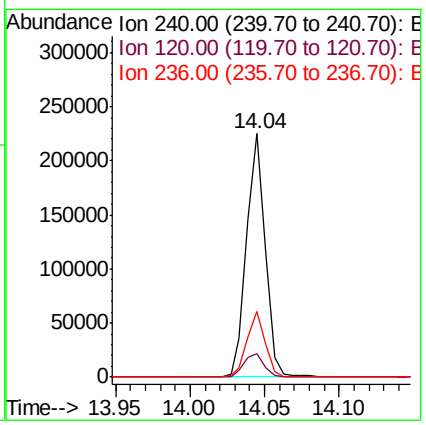


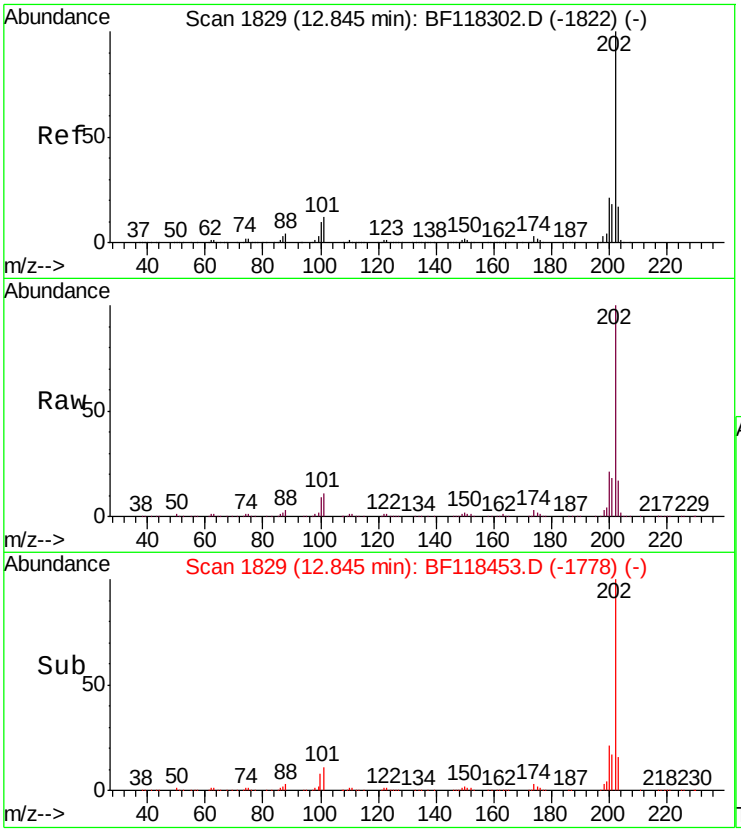


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF118453.D
Acq: 2 Jan 2020 23:30

Tgt Ion:240 Resp: 195029

Ion	Ratio	Lower	Upper
240	100		
120	9.7	7.1	10.7
236	26.8	21.0	31.6



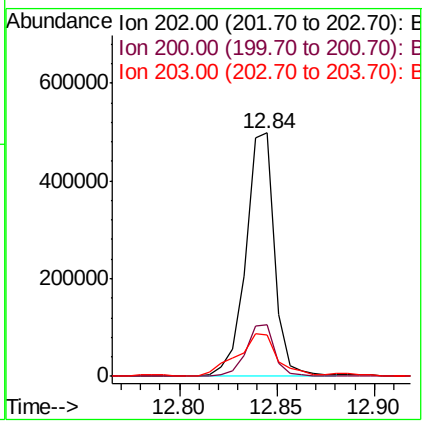


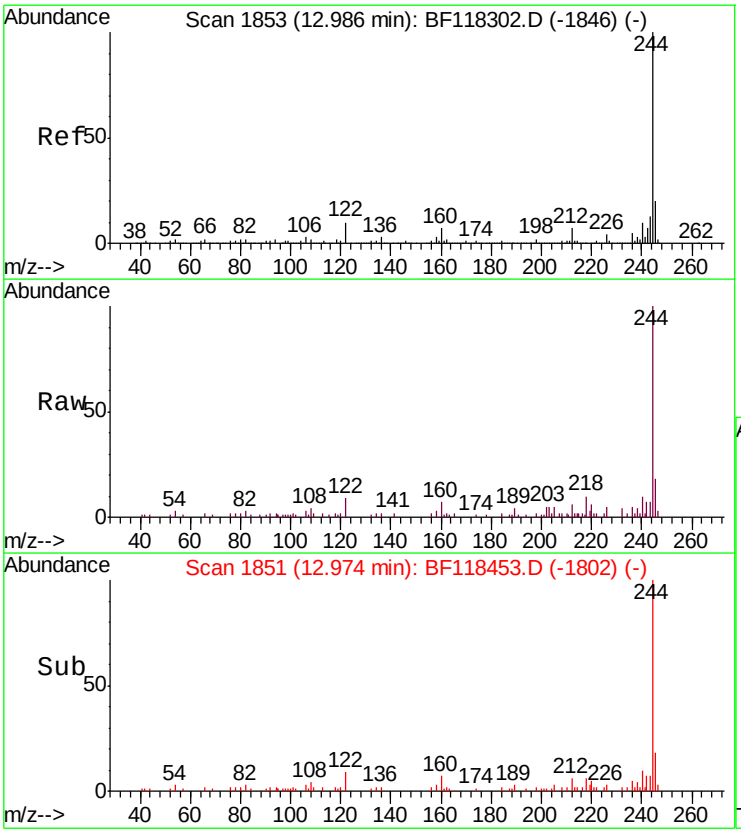
#78
Pyrene
Concen: 31.800 ng
RT: 12.84 min Scan# 1829
Delta R.T. -0.00 min
Lab File: BF118453.D
Acq: 2 Jan 2020 23:30

Instrument :
BNA_F
ClientSampleId :
GP-11-(5-6)DL

Tgt Ion:202 Resp: 506455

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.8	25.2
203	17.0	13.9	20.9

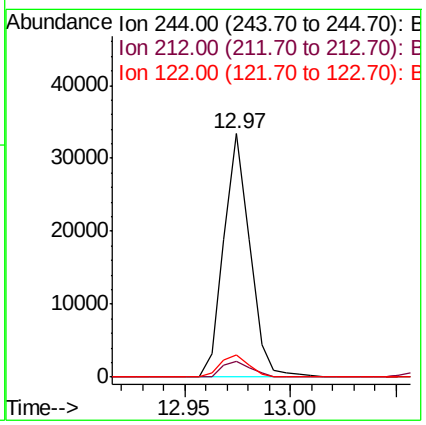


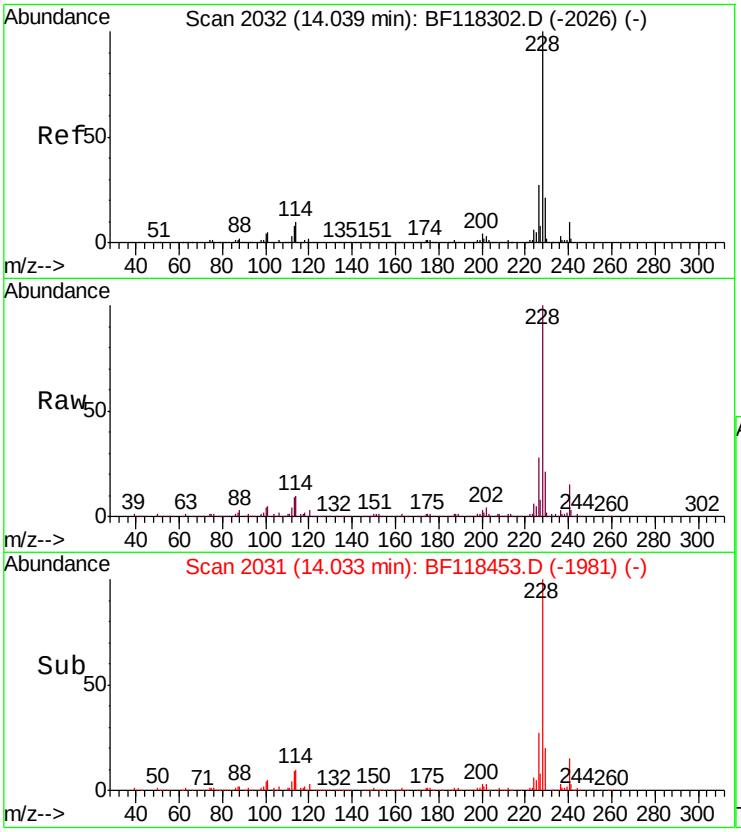


#79
Terphenyl-d14
Concen: 2.439 ng
RT: 12.97 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BF118453.D
Acq: 2 Jan 2020 23:30

Tgt Ion:244 Resp: 28675

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.2
122	9.2	7.8	11.8



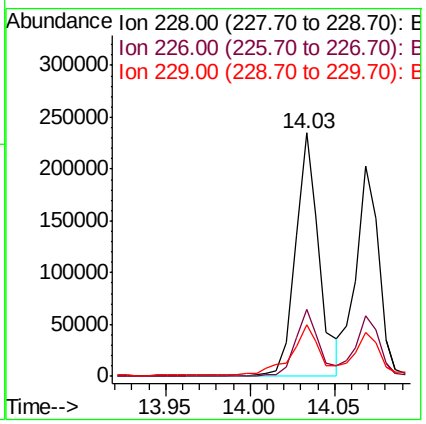


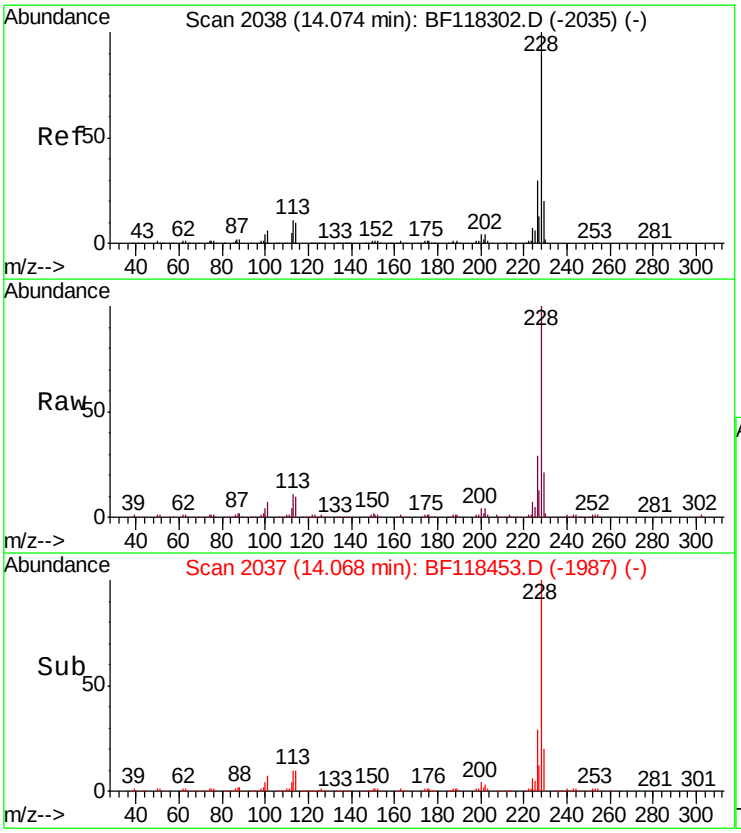
#81
Benzo(a)anthracene
Concen: 16.696 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF118453.D
Acq: 2 Jan 2020 23:30

Instrument :
BNA_F
ClientSampleId :
GP-11-(5-6)DL

Tgt Ion:228 Resp: 227930

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.0	33.0
229	21.1	16.6	24.8

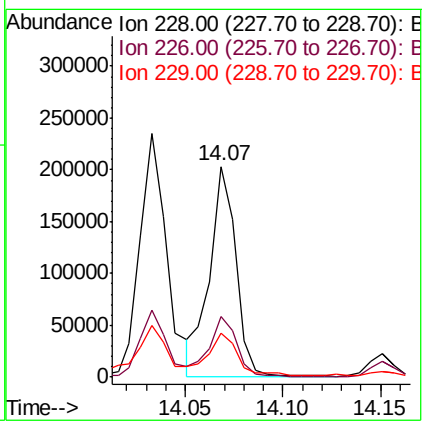


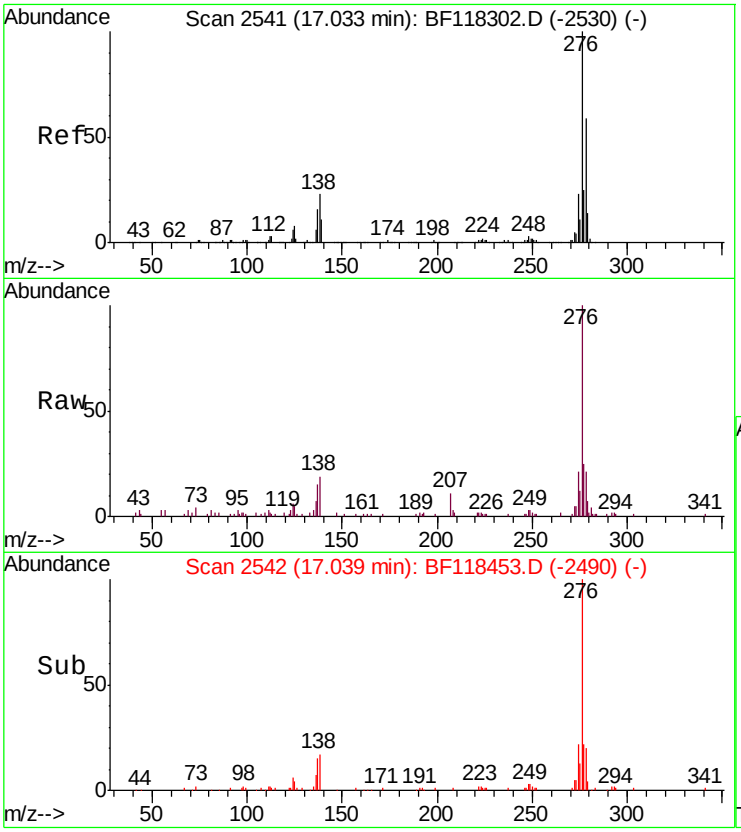


#83
Chrysene
Concen: 14.594 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF118453.D
Acq: 2 Jan 2020 23:30

Tgt Ion:228 Resp: 190764

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.9	35.9
229	21.0	16.1	24.1



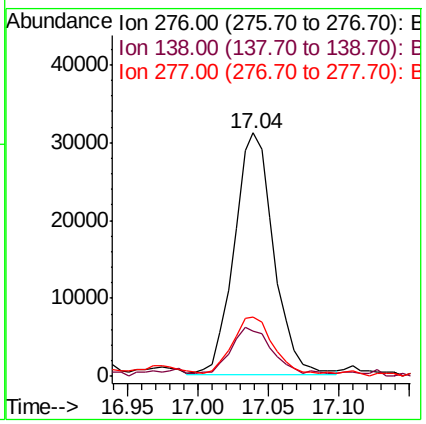


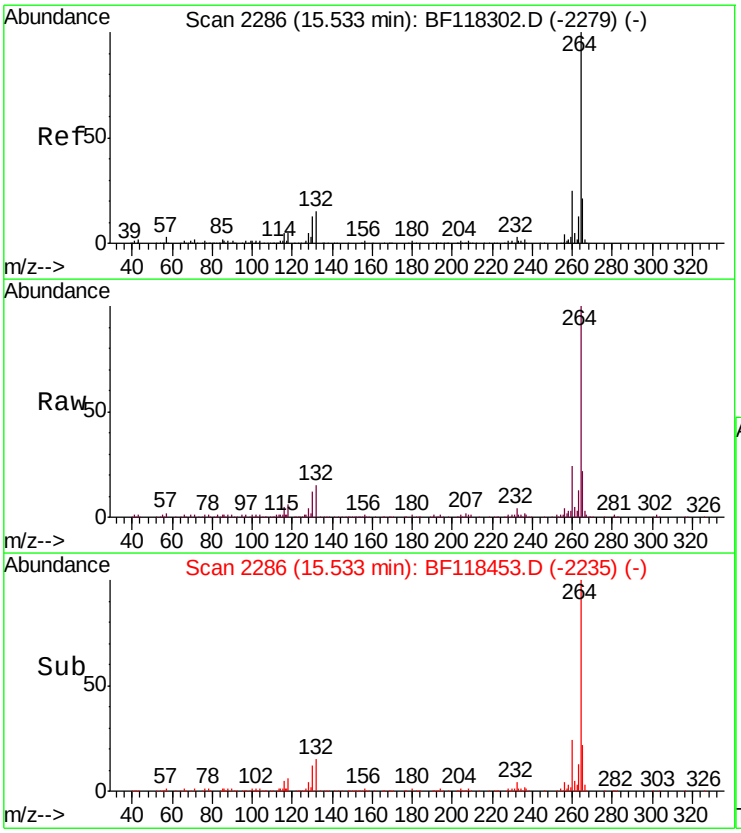
#86
Indeno(1,2,3-cd)pyrene
Concen: 5.432 ng
RT: 17.04 min Scan# 2542
Delta R.T. 0.01 min
Lab File: BF118453.D
Acq: 2 Jan 2020 23:30

Instrument :
BNA_F
ClientSampleId :
GP-11-(5-6)DL

Tgt Ion:276 Resp: 60500

Ion	Ratio	Lower	Upper
276	100		
138	20.0	19.5	29.3
277	23.7	20.6	30.8

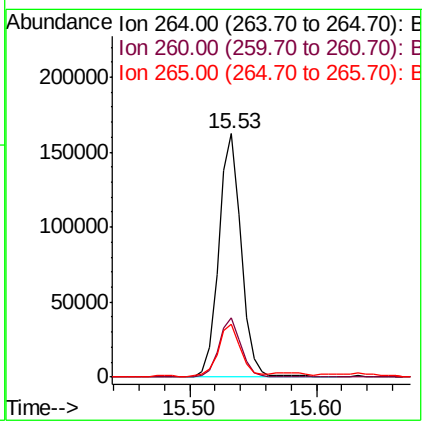


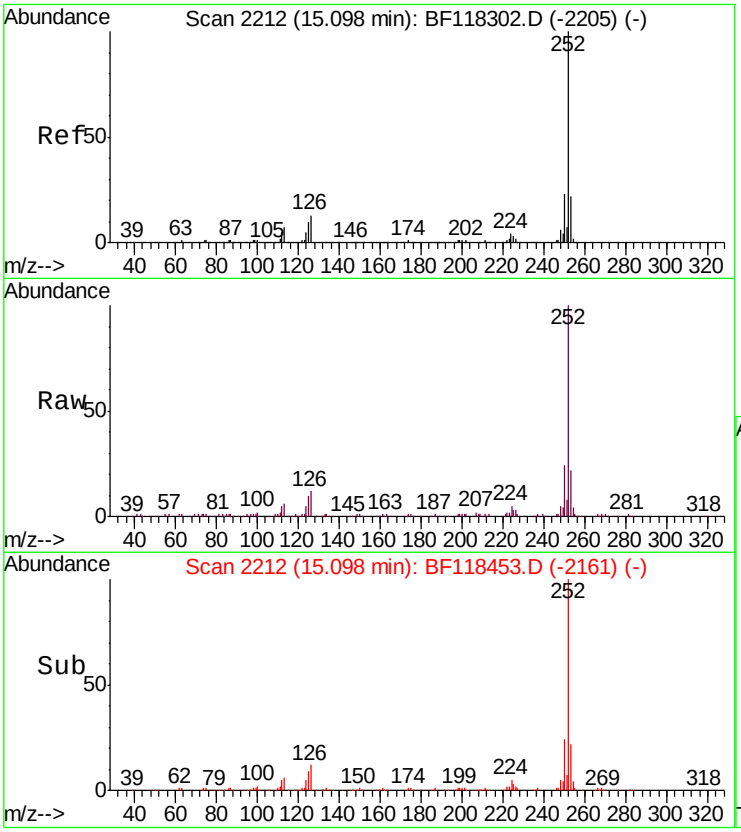


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2286
Delta R.T. -0.00 min
Lab File: BF118453.D
Acq: 2 Jan 2020 23:30

Tgt Ion:264 Resp: 199987

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.8	29.6
265	22.0	17.0	25.4



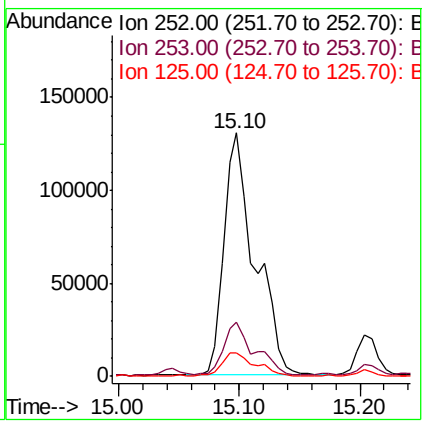


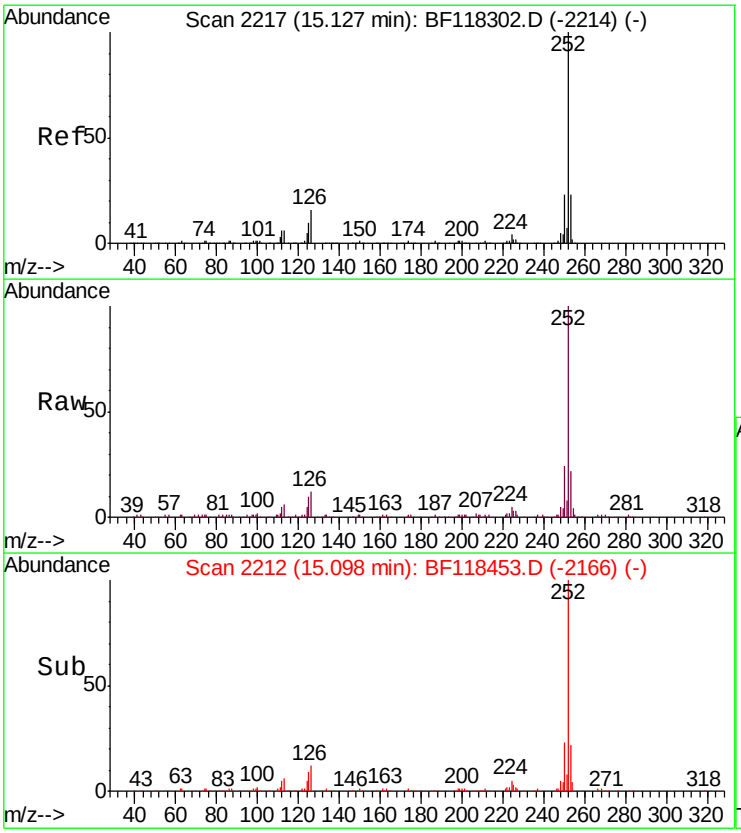
#88
Benzo(b)fluoranthene
Concen: 17.464 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.00 min
Lab File: BF118453.D
Acq: 2 Jan 2020 23:30

Instrument :
BNA_F
ClientSampleId :
GP-11-(5-6)DL

Tgt Ion:252 Resp: 231836

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	9.6	7.7	11.5

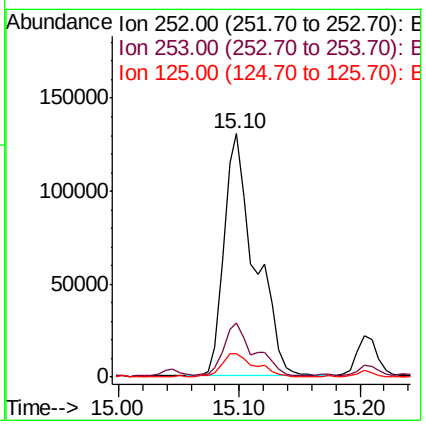


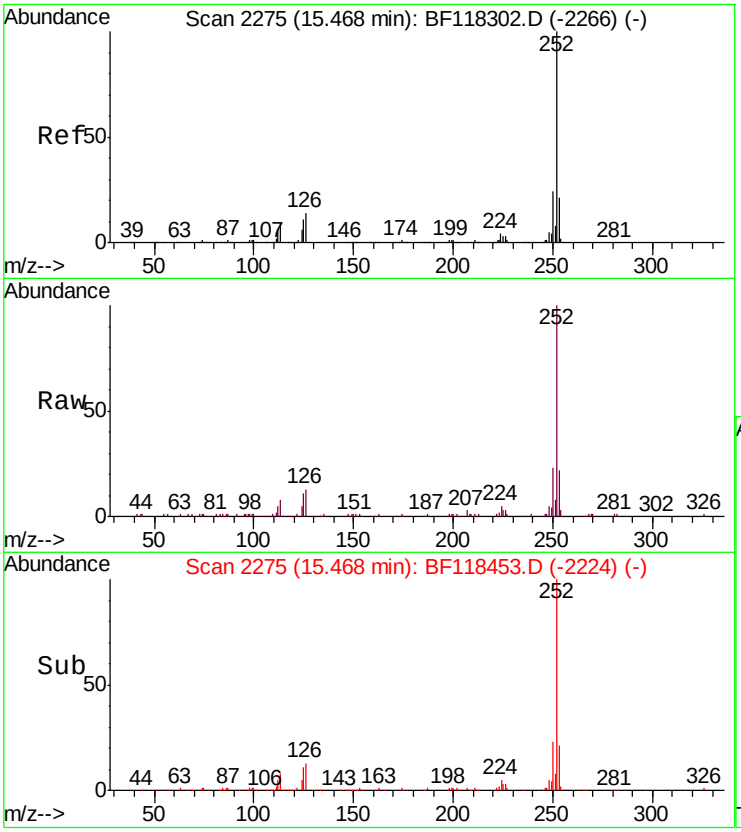


#89
Benzo(k)fluoranthene
Concen: 18.188 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.03 min
Lab File: BF118453.D
Acq: 2 Jan 2020 23:30

Tgt Ion:252 Resp: 231836

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	9.6	8.0	12.0



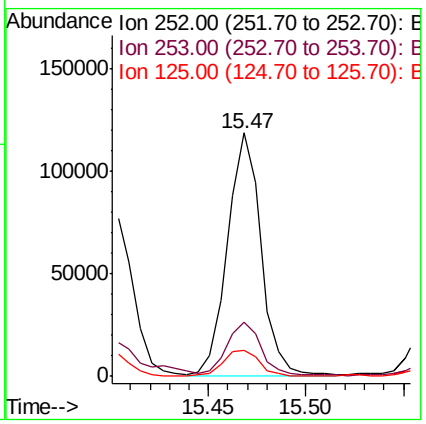


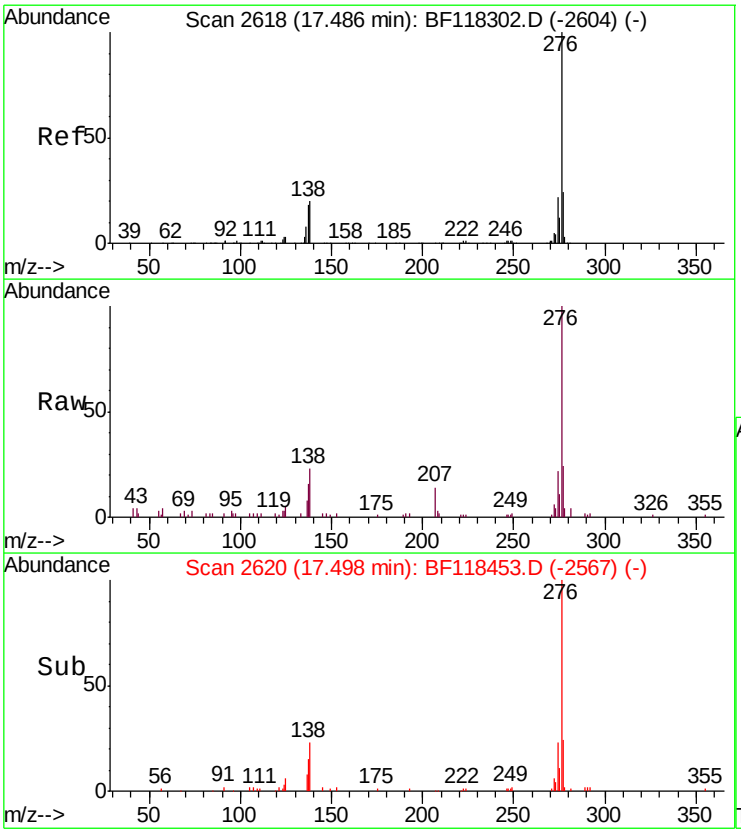
#90
Benzo(a)pyrene
Concen: 12.041 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BF118453.D
Acq: 2 Jan 2020 23:30

Instrument :
BNA_F
ClientSampleId :
GP-11-(5-6)DL

Tgt Ion:252 Resp: 140806

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.0	25.6
125	10.9	9.0	13.4





#92
Benzo(g,h,i)perylene
Concen: 5.533 ng
RT: 17.50 min Scan# 2620
Delta R.T. 0.01 min
Lab File: BF118453.D
Acq: 2 Jan 2020 23:30

Tgt Ion:276 Resp: 54243

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.1	28.7
138	22.5	16.1	24.1