Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120919\
Data File : BF118158.D
Acq On : 9 Dec 2019 21:40
Operator : JU
Sample : K6194-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 10 00:56:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 06 17:34:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	102279	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	353701	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	159261	20.00	ng		0.00
64) Phenanthrene-d10	11.41	188	262364	20.00	ng		0.00
76) Chrysene-d12	14.06	240	246089	20.00	ng		0.00
87) Perylene-d12	15.56	264	229811	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	578637	99.09	ng		0.00
7) Phenol-d6	6.50	99	704967	99.81	ng		0.00
23) Nitrobenzene-d5	7.43	82	410447	65.28	ng		0.00
42) 2,4,6-Tribromophenol	10.71	330	179856	92.96	ng		0.00
45) 2-Fluorobiphenyl	9.23	172	804187	76.84	ng		0.00
79) Terphenyl-d14	13.00	244	842647	58.88	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.50	77	1474	Below Cal		#	1
10) Phenol	6.51	94	41336	5.132	ng		94
19) n-Nitroso-di-n-propylamine	7.43	70	56200	13.094	ng	#	76
25) Isophorone	7.43	82	403580	37.866	ng	#	62
50) Dimethylphthalate	9.63	163	54268	4.613	ng		99
51) 2,6-Dinitrotoluene	9.92	165	21044	8.227	ng	#	28
57) 2,4-Dinitrotoluene	9.92	165	21044	6.164	ng	#	25
67) 4-Bromophenyl-phenylether	10.71	248	11303	3.774	ng	#	1
71) Phenanthrene	11.43	178	216878	15.550	ng		99
72) Anthracene	11.49	178	47965	3.447	ng		99
75) Fluoranthene	12.63	202	304841	21.378	ng		99
78) Pyrene	12.86	202	313119	16.146	ng		98
81) Benzo(a)anthracene	14.05	228	167731	9.857	ng		96
83) Chrysene	14.09	228	146903	9.038	ng		96
86) Indeno(1,2,3-cd)pyrene	17.06	276	56308	4.117	ng	#	94
88) Benzo(b)fluoranthene	15.12	252	219210	14.423	ng	#	96
89) Benzo(k)fluoranthene	15.12	252	219210	15.013	ng	#	94
90) Benzo(a)pyrene	15.49	252	113794	8.477	ng		97
92) Benzo(g,h,i)perylene	17.52	276	56325	5.091	ng		95

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

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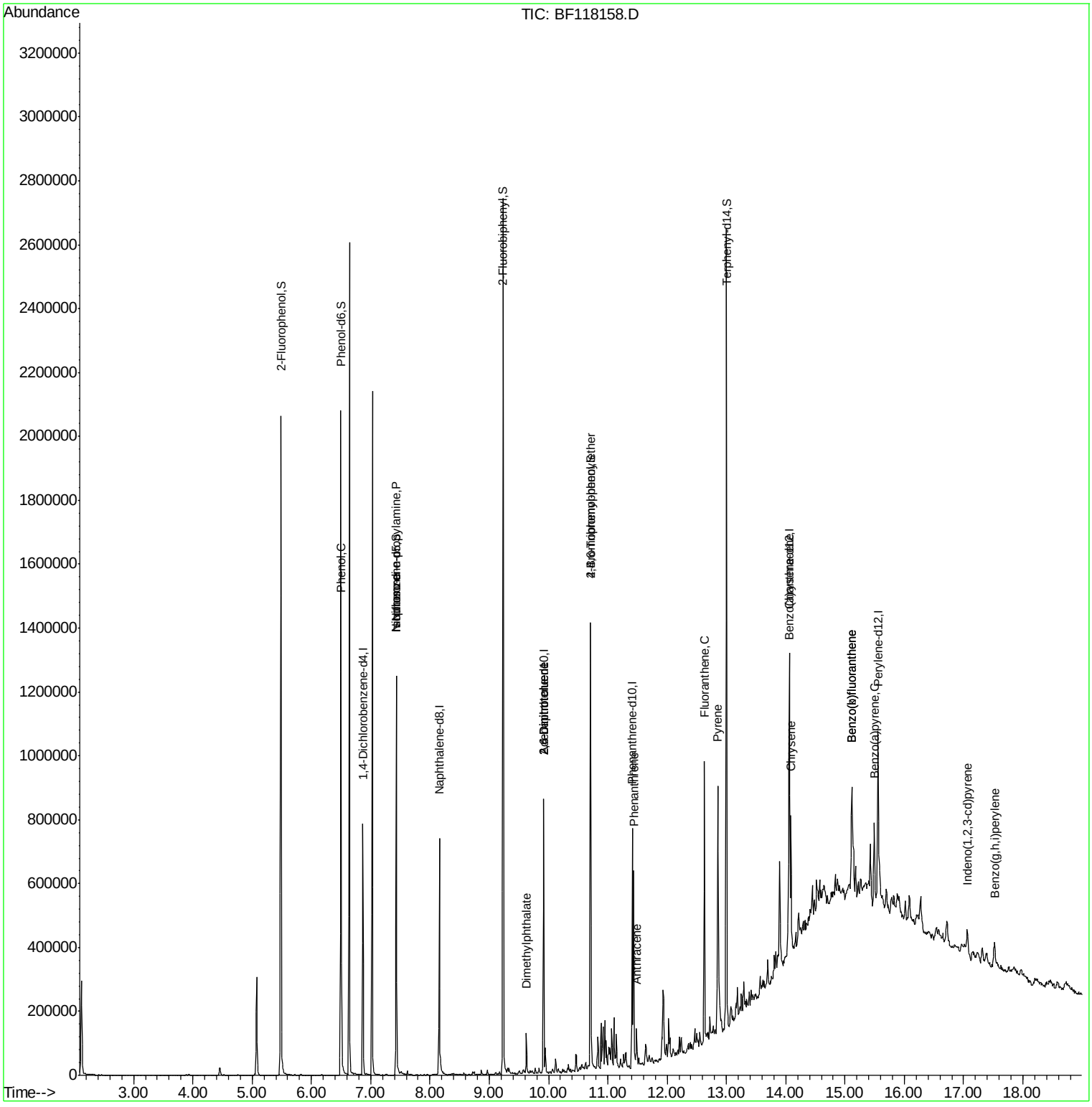
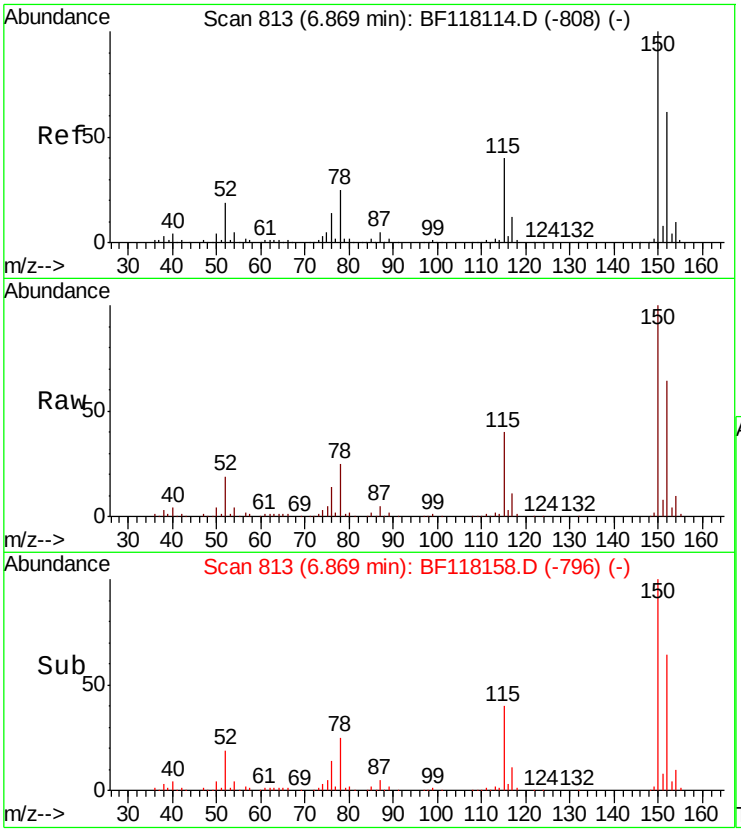


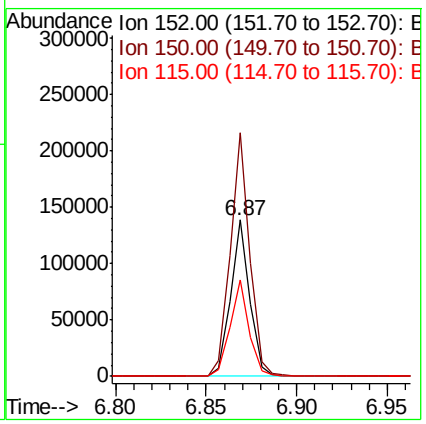


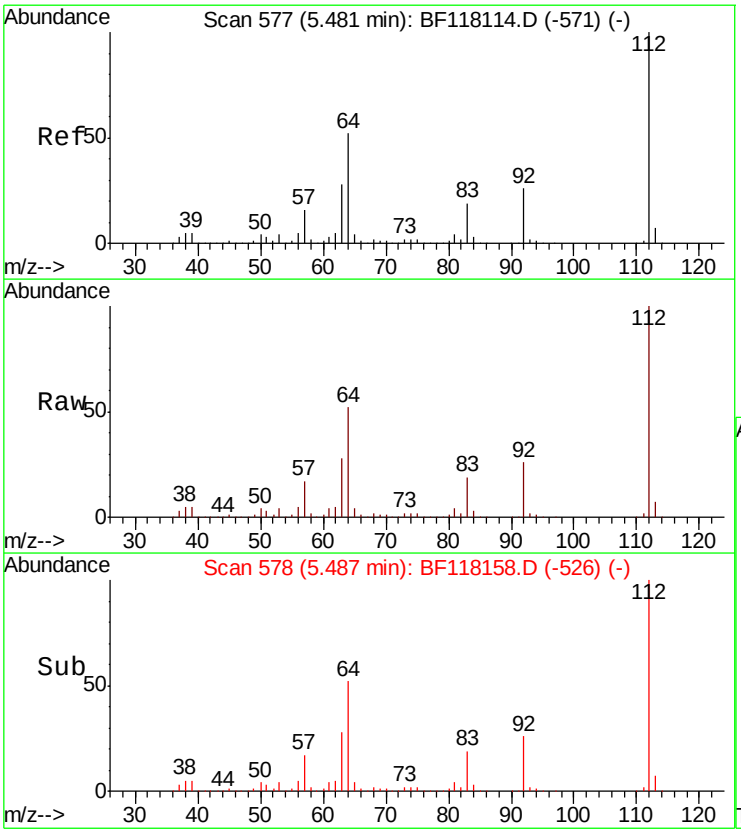
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF118158.D
Acq: 9 Dec 2019 21:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 102279

Ion	Ratio	Lower	Upper
152	100		
150	156.1	128.3	192.5
115	62.1	51.1	76.7

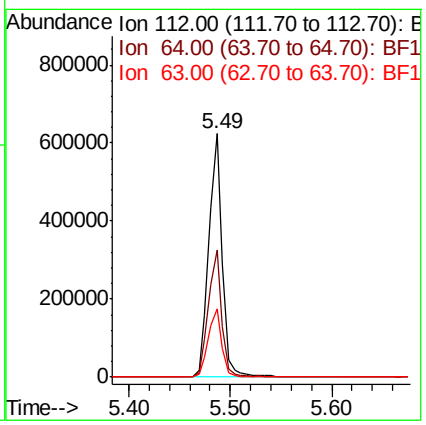


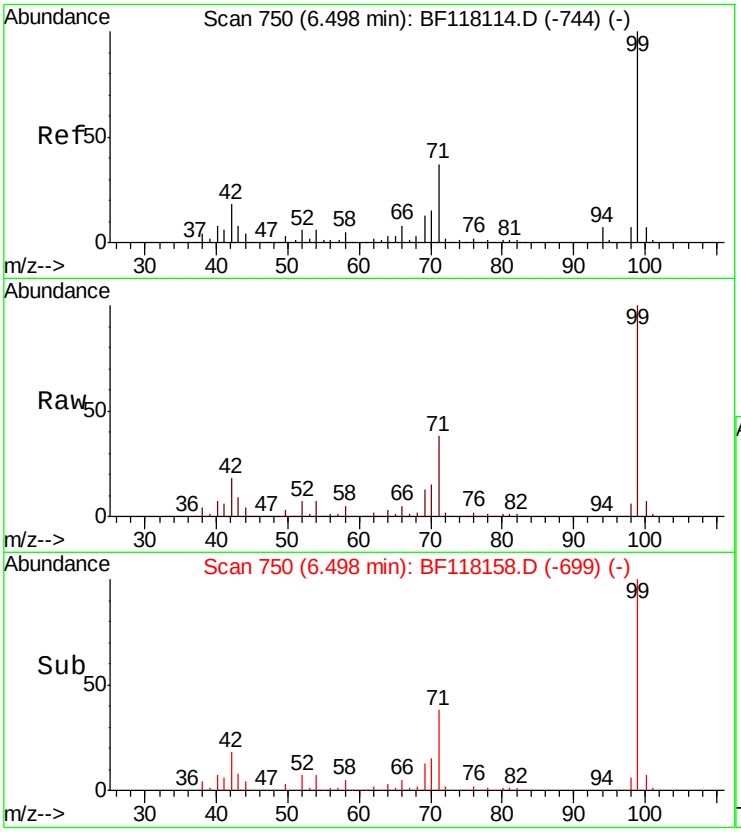


#5
2-Fluorophenol
Concen: 99.088 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF118158.D
Acq: 9 Dec 2019 21:40

Tgt Ion:112 Resp: 578637

Ion	Ratio	Lower	Upper
112	100		
64	52.4	41.3	61.9
63	28.3	22.4	33.6



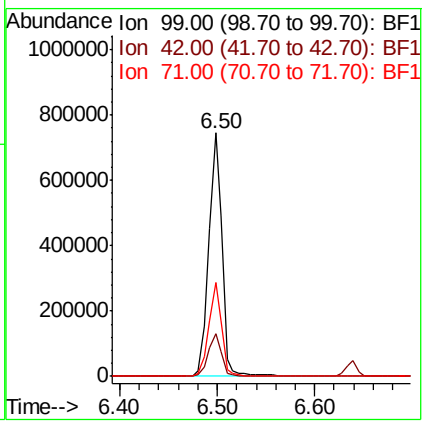


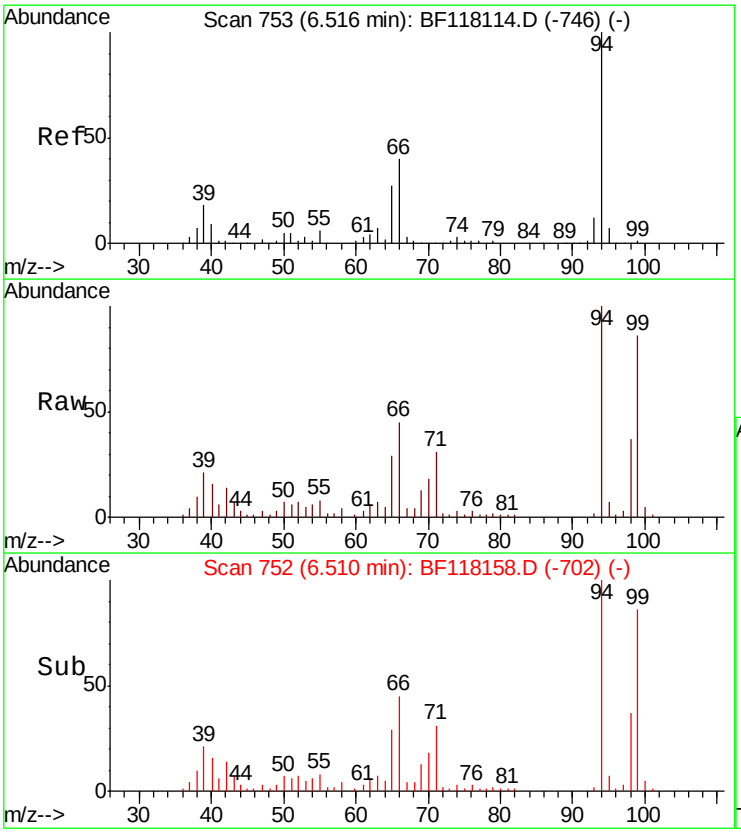
#7
Phenol-d6
Concen: 99.808 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF118158.D
Acq: 9 Dec 2019 21:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 704967

Ion	Ratio	Lower	Upper
99	100		
42	17.7	14.1	21.1
71	38.3	29.7	44.5

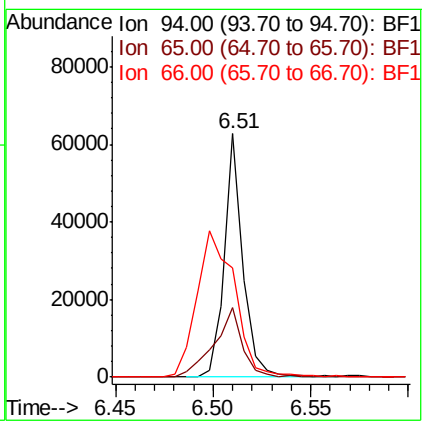


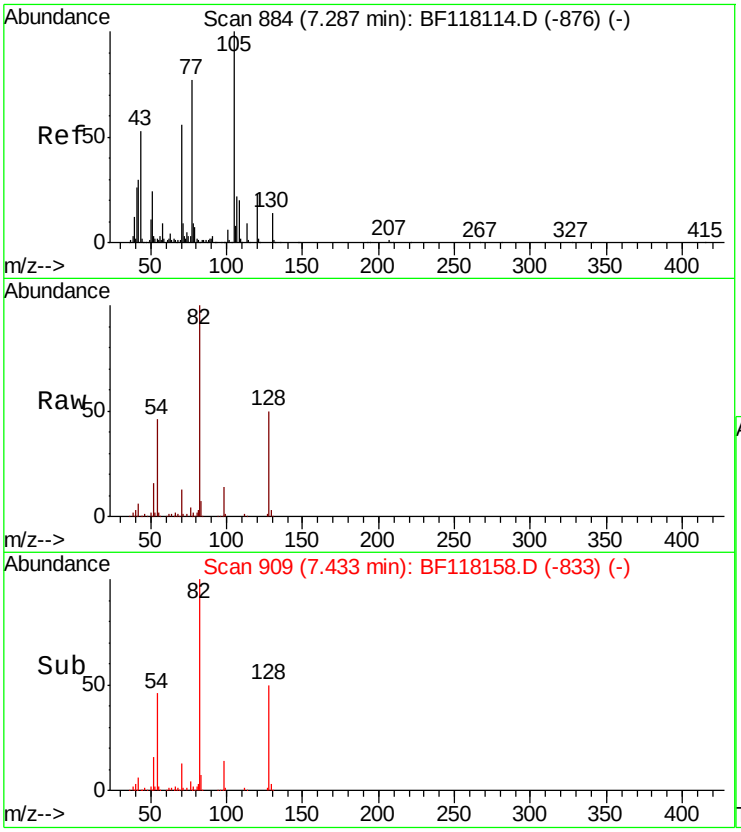


#10
Phenol
Concen: 5.132 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF118158.D
Acq: 9 Dec 2019 21:40

Tgt Ion: 94 Resp: 41336

Ion	Ratio	Lower	Upper
94	100		
65	28.6	7.3	47.3
66	45.1	20.2	60.2



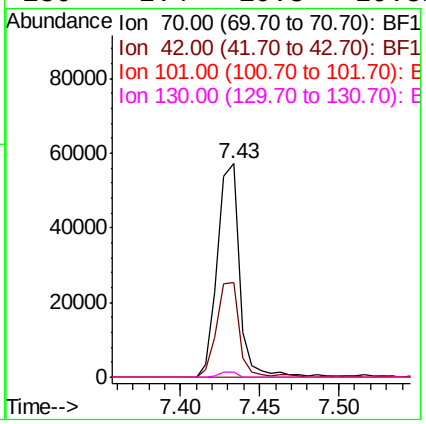


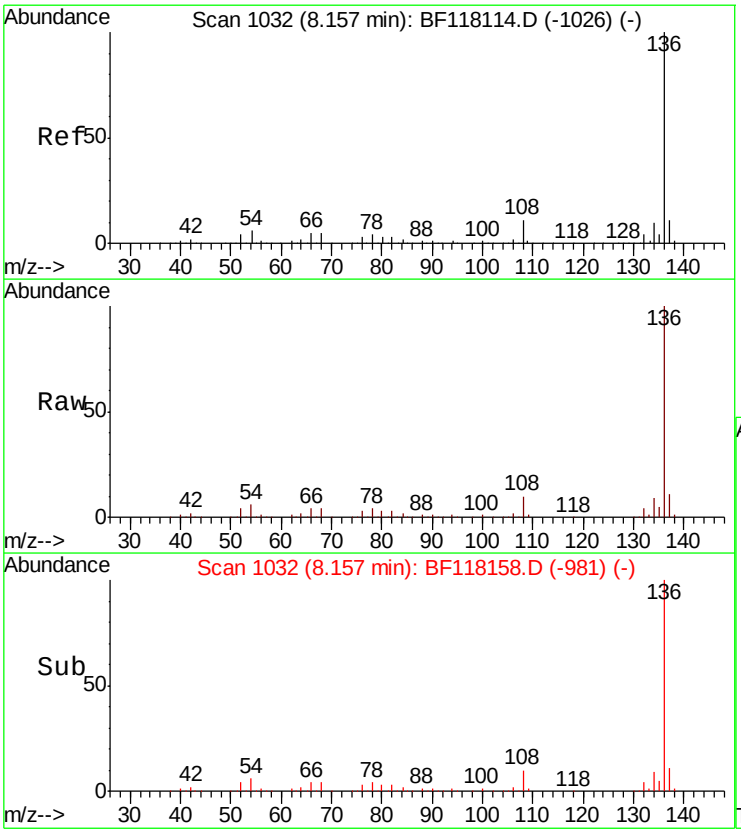
#19
n-Nitroso-di-n-propylamine
Concen: 13.094 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.15 min
Lab File: BF118158.D
Acq: 9 Dec 2019 21:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 56200

Ion	Ratio	Lower	Upper
70	100		
42	44.3	43.2	64.8
101	0.0	8.1	12.1#
130	2.4	19.8	29.8#

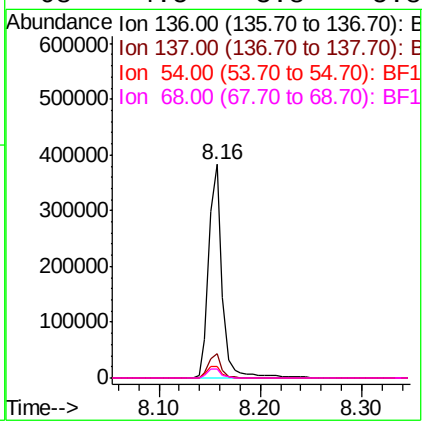


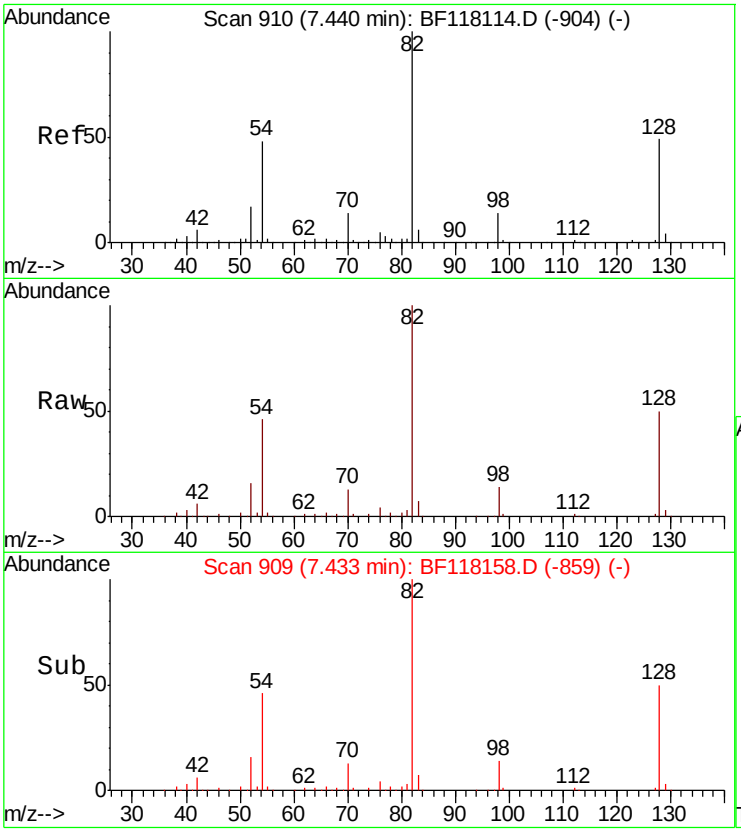


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF118158.D
Acq: 9 Dec 2019 21:40

Tgt Ion:136 Resp: 353701

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	5.7	5.0	7.6
68	4.5	3.8	5.8



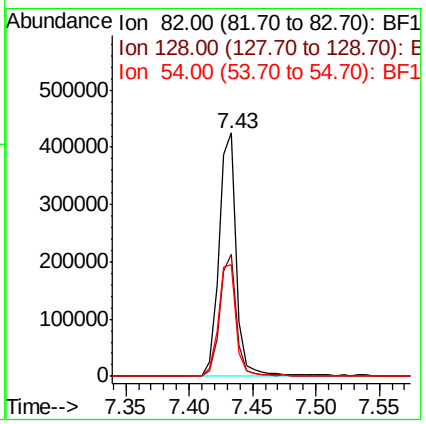


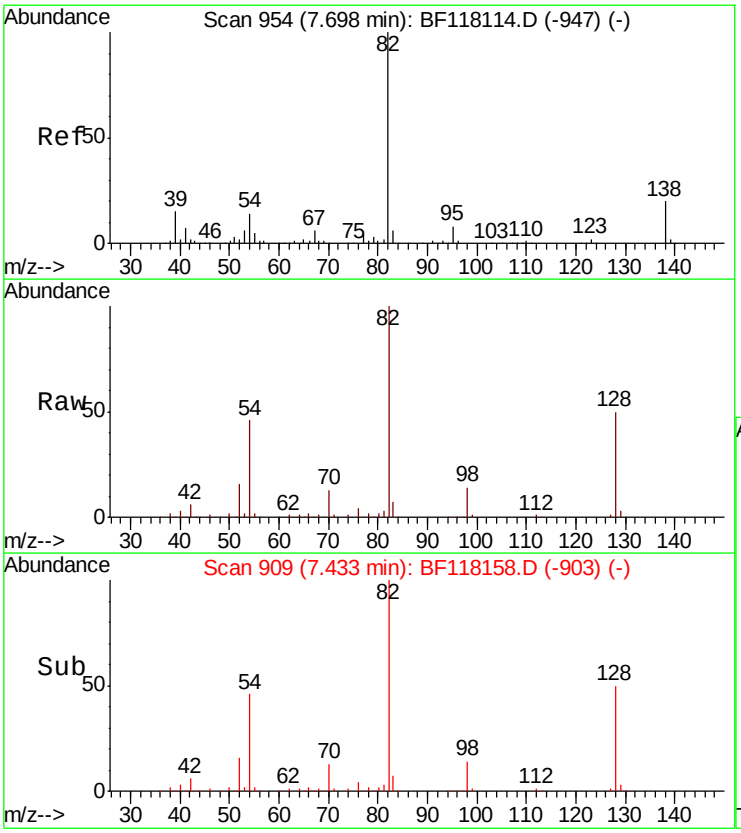
#23
Nitrobenzene-d5
Concen: 65.284 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF118158.D
Acq: 9 Dec 2019 21:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 410447

Ion	Ratio	Lower	Upper
82	100		
128	50.3	39.1	58.7
54	46.1	38.2	57.2

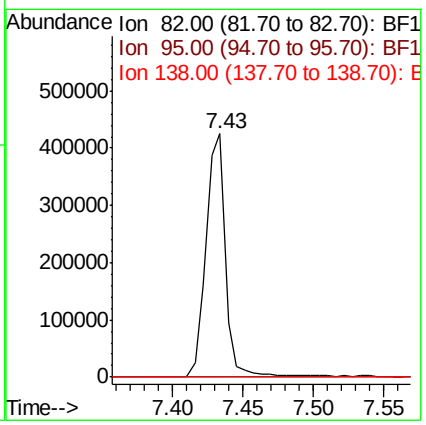


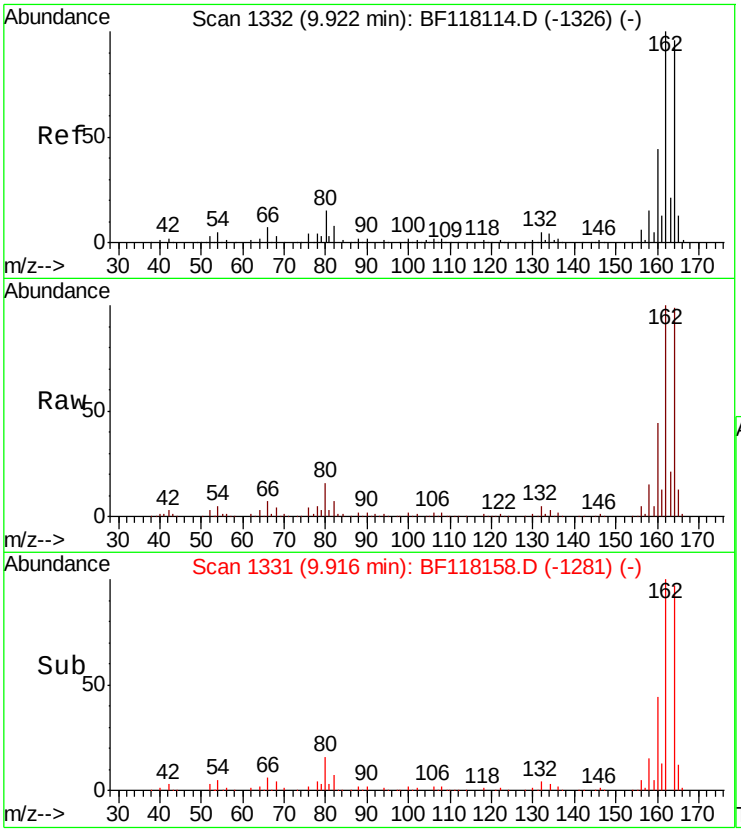


#25
Isophorone
Concen: 37.866 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.26 min
Lab File: BF118158.D
Acq: 9 Dec 2019 21:40

Tgt Ion: 82 Resp: 403580

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.3	9.5#
138	0.0	16.3	24.5#



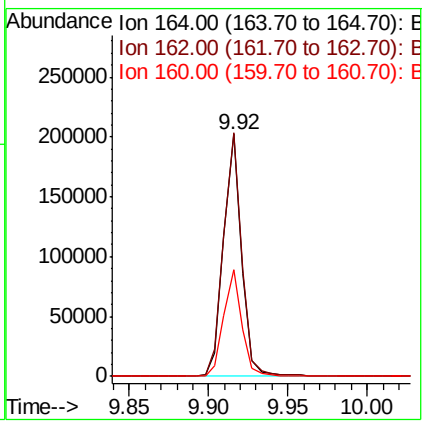


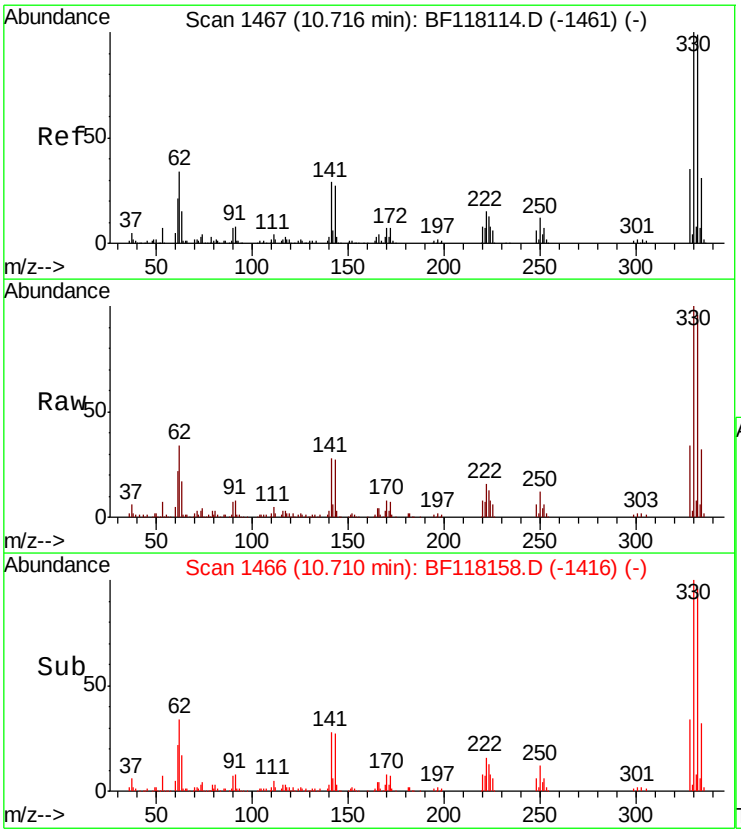
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF118158.D
Acq: 9 Dec 2019 21:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 159261

Ion	Ratio	Lower	Upper
164	100		
162	100.7	83.4	125.0
160	44.1	36.6	54.8

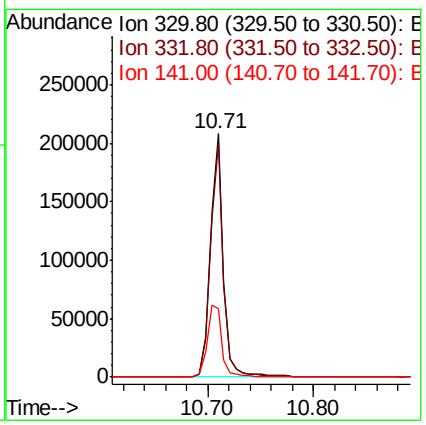


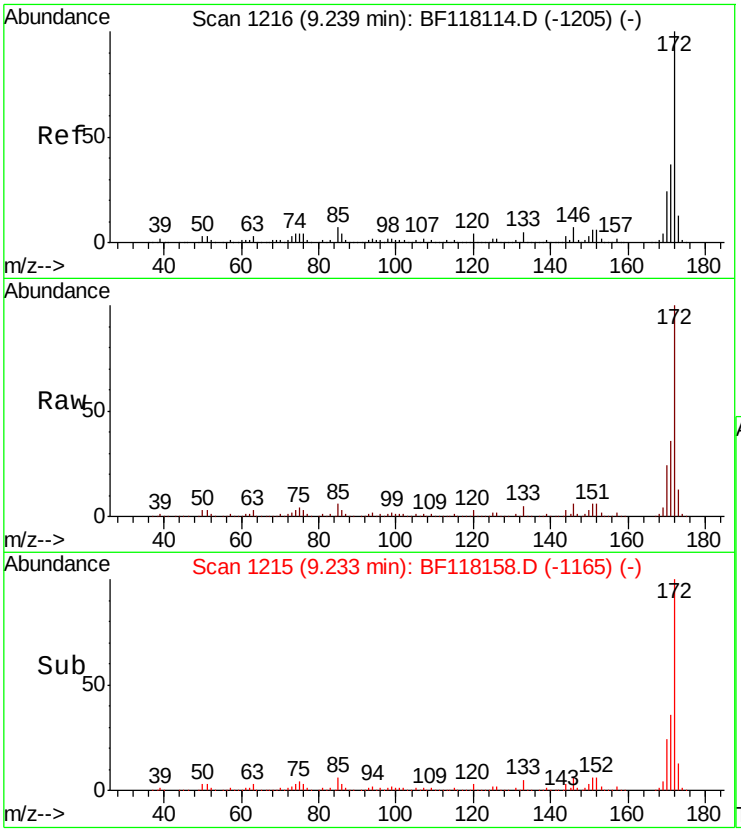


#42
2,4,6-Tribromophenol
Concen: 92.962 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF118158.D
Acq: 9 Dec 2019 21:40

Tgt Ion:330 Resp: 179856

Ion	Ratio	Lower	Upper
330	100		
332	95.7	78.1	117.1
141	34.1	26.9	40.3



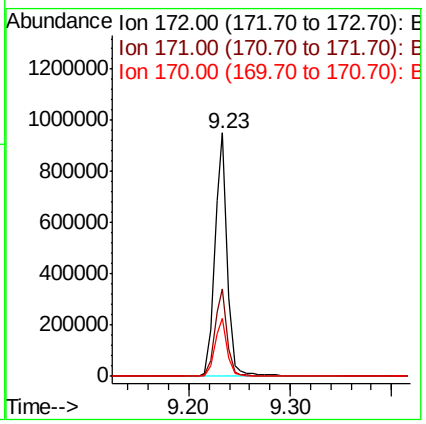


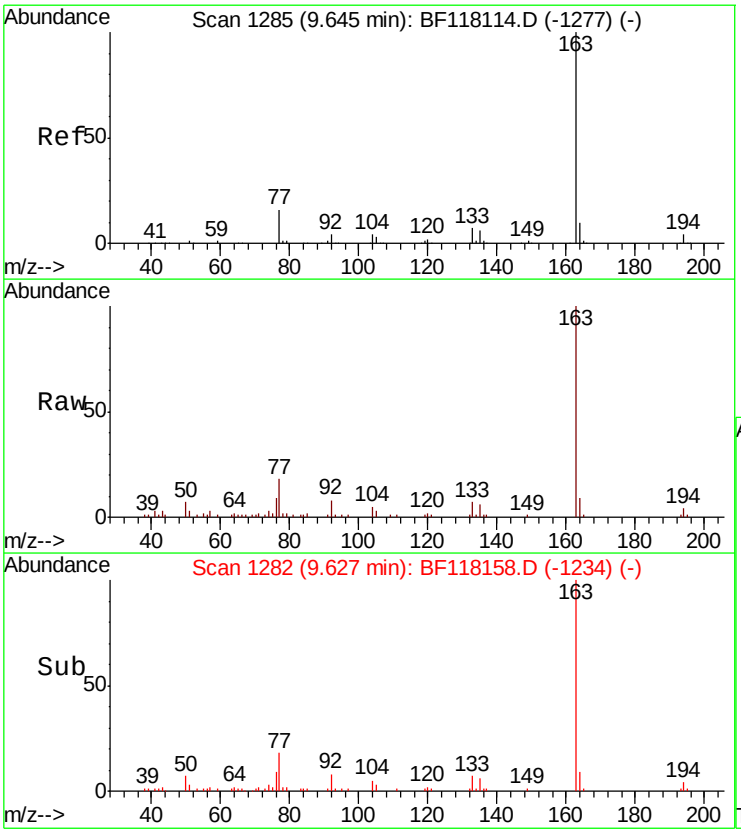
#45
2-Fluorobiphenyl
Concen: 76.835 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF118158.D
Acq: 9 Dec 2019 21:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 804187

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.2	43.8
170	23.8	19.4	29.2

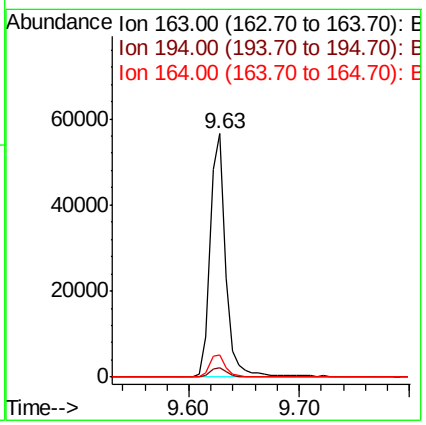


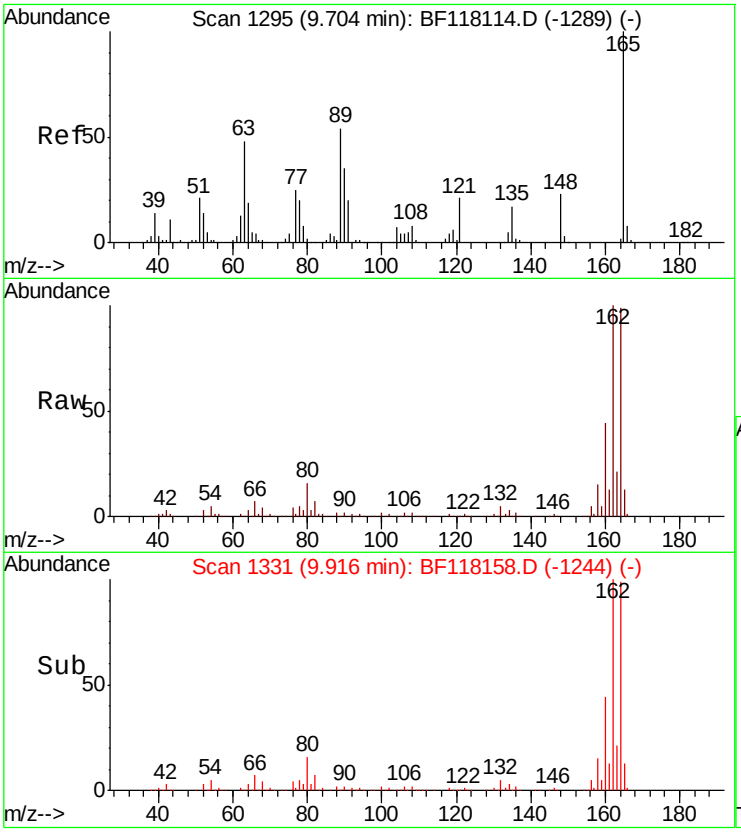


#50
Dimethylphthalate
Concen: 4.613 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF118158.D
Acq: 9 Dec 2019 21:40

Tgt Ion:163 Resp: 54268

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.1	4.7
164	9.1	7.7	11.5



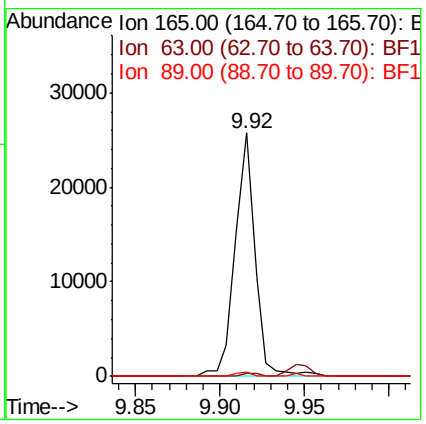


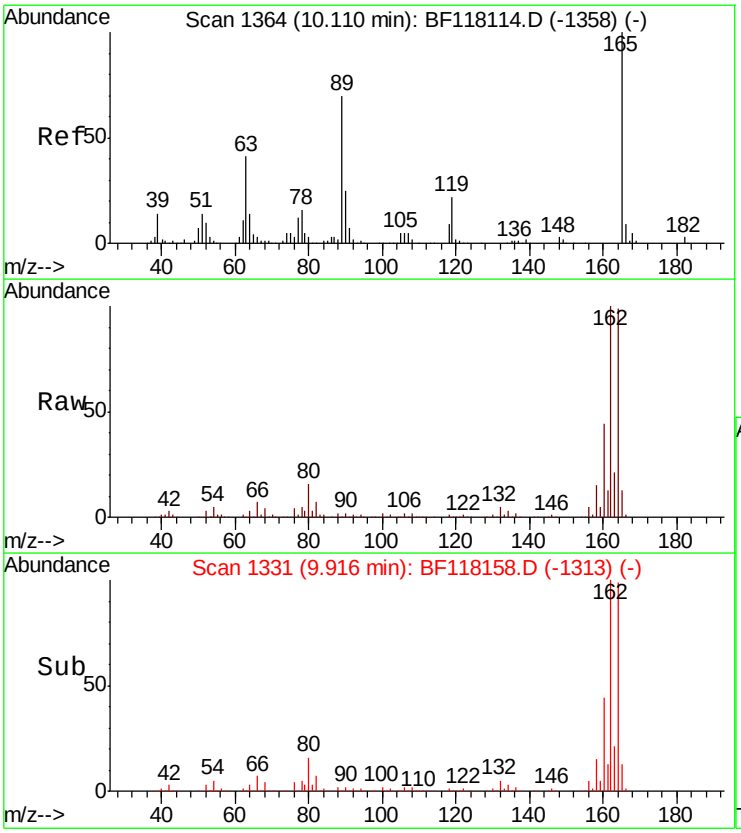
#51
2,6-Dinitrotoluene
Concen: 8.227 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.21 min
Lab File: BF118158.D
Acq: 9 Dec 2019 21:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 21044

Ion	Ratio	Lower	Upper
165	100		
63	1.3	41.4	62.0#
89	1.5	42.9	64.3#

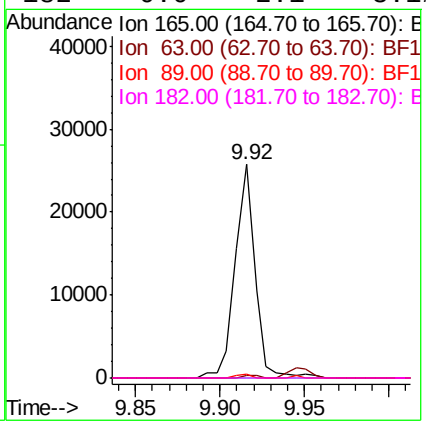


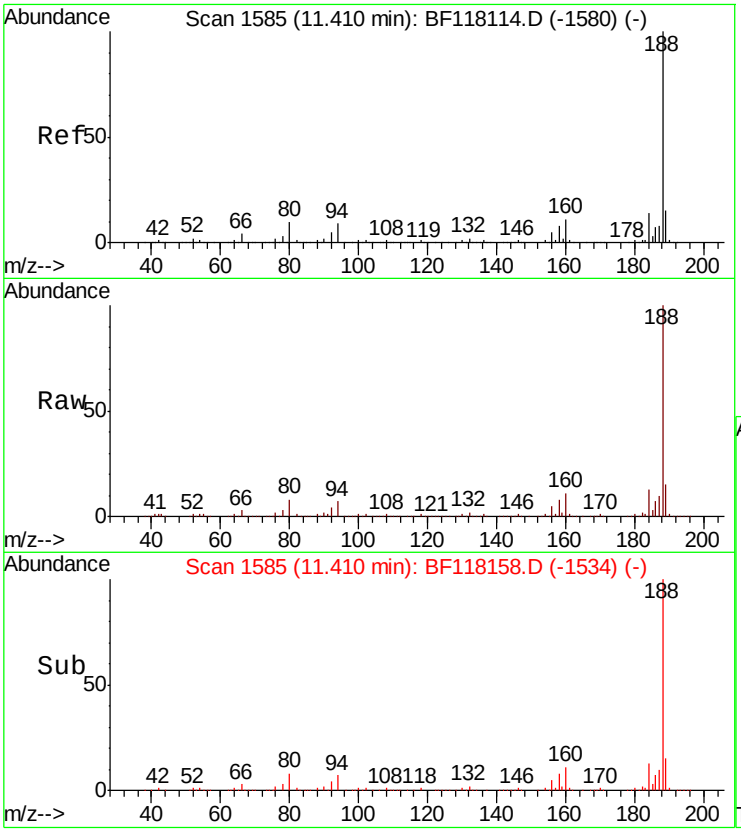


#57
2,4-Dinitrotoluene
Concen: 6.164 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.19 min
Lab File: BF118158.D
Acq: 9 Dec 2019 21:40

Tgt Ion:165 Resp: 21044

Ion	Ratio	Lower	Upper
165	100		
63	1.3	32.6	49.0#
89	1.5	56.1	84.1#
182	0.0	2.1	3.1#



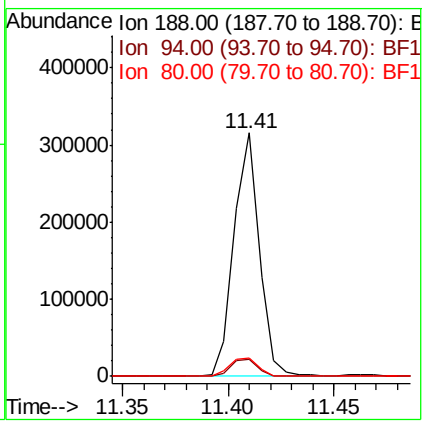


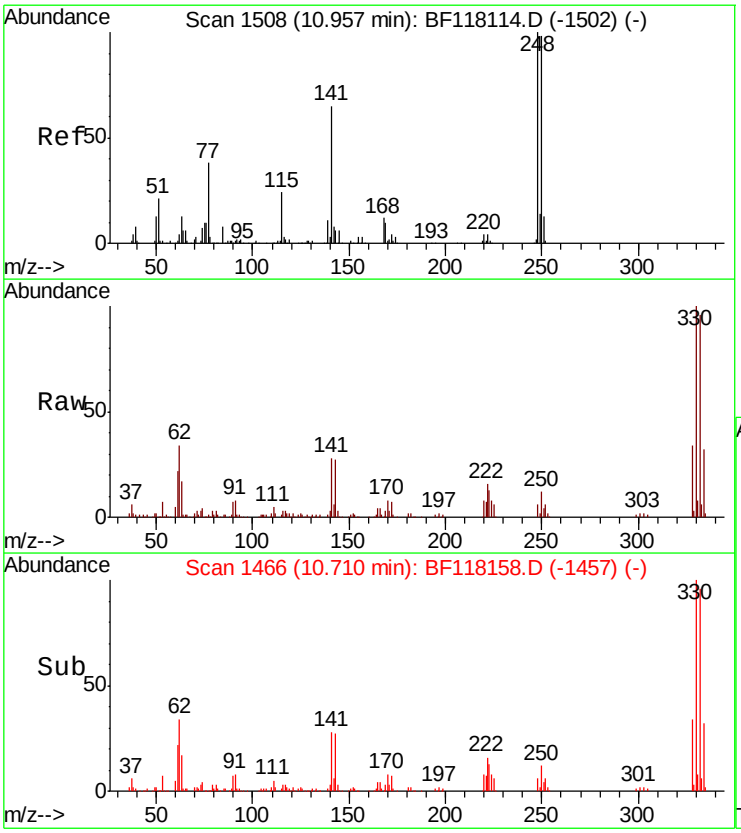
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BF118158.D
Acq: 9 Dec 2019 21:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 262364

Ion	Ratio	Lower	Upper
188	100		
94	7.2	7.1	10.7
80	7.8	7.9	11.9#

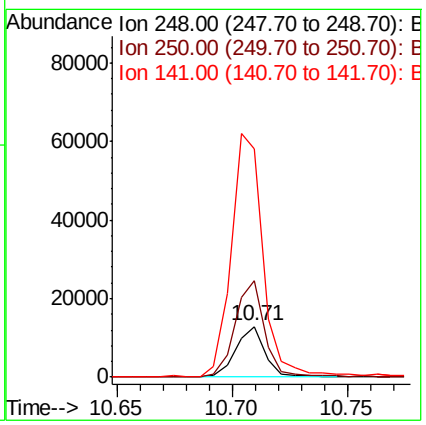


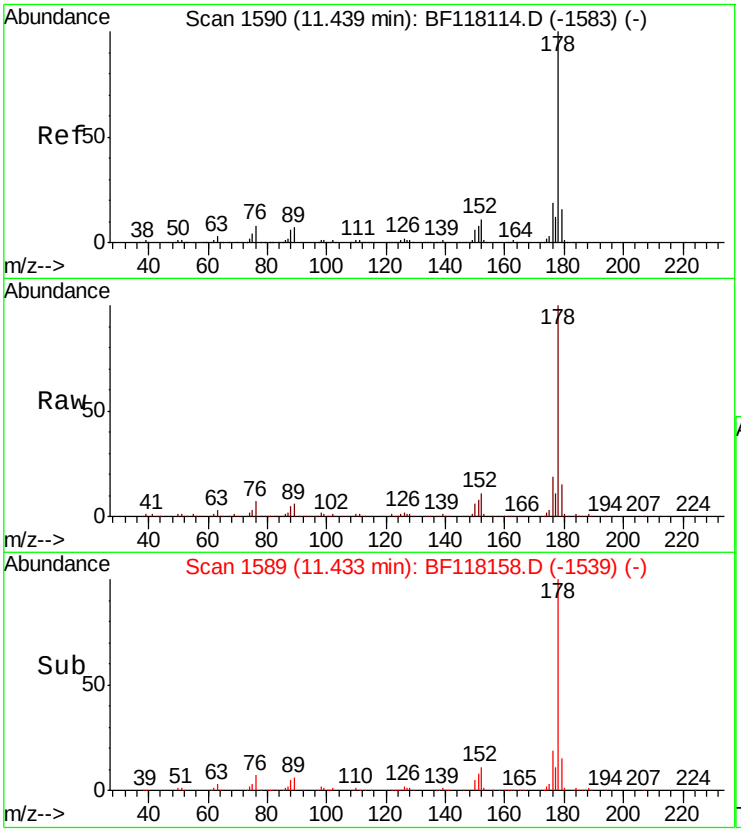


#67
4-Bromophenyl-phenylether
Concen: 3.774 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.25 min
Lab File: BF118158.D
Acq: 9 Dec 2019 21:40

Tgt Ion:248 Resp: 11303

Ion	Ratio	Lower	Upper
248	100		
250	190.3	78.3	117.5#
141	450.7	52.2	78.4#



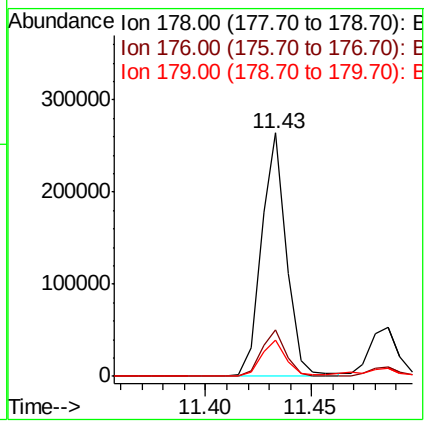


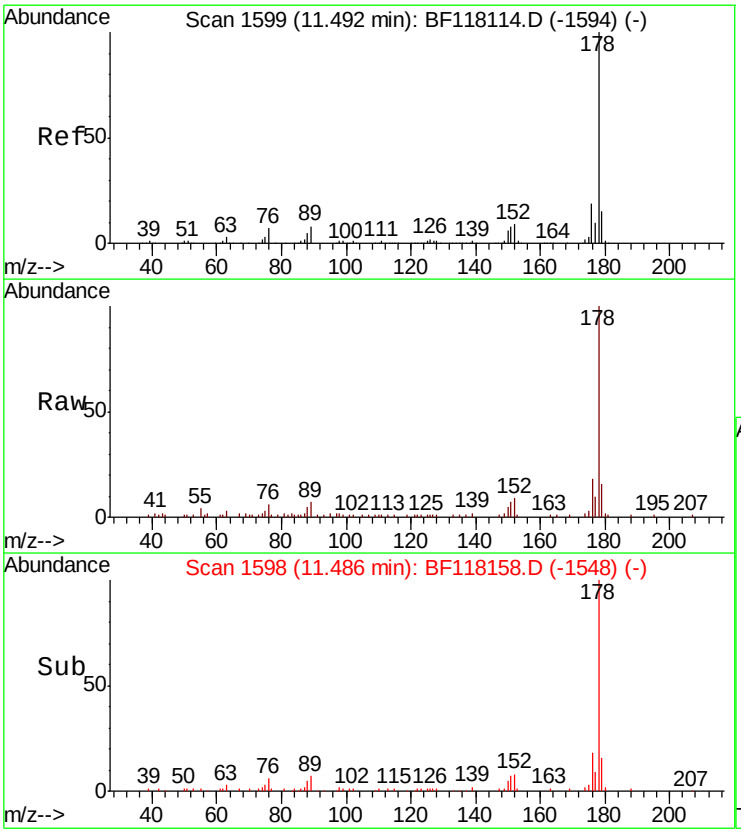
#71
Phenanthrene
Concen: 15.550 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF118158.D
Acq: 9 Dec 2019 21:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 216878

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.5	23.3
179	15.1	12.6	18.8

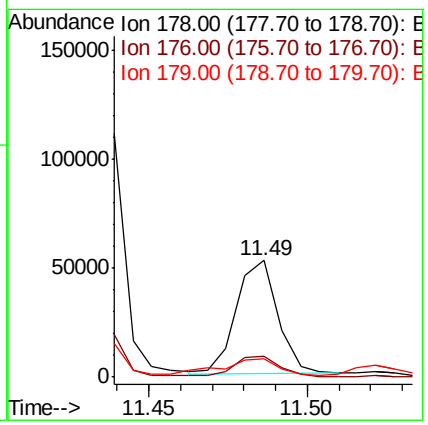


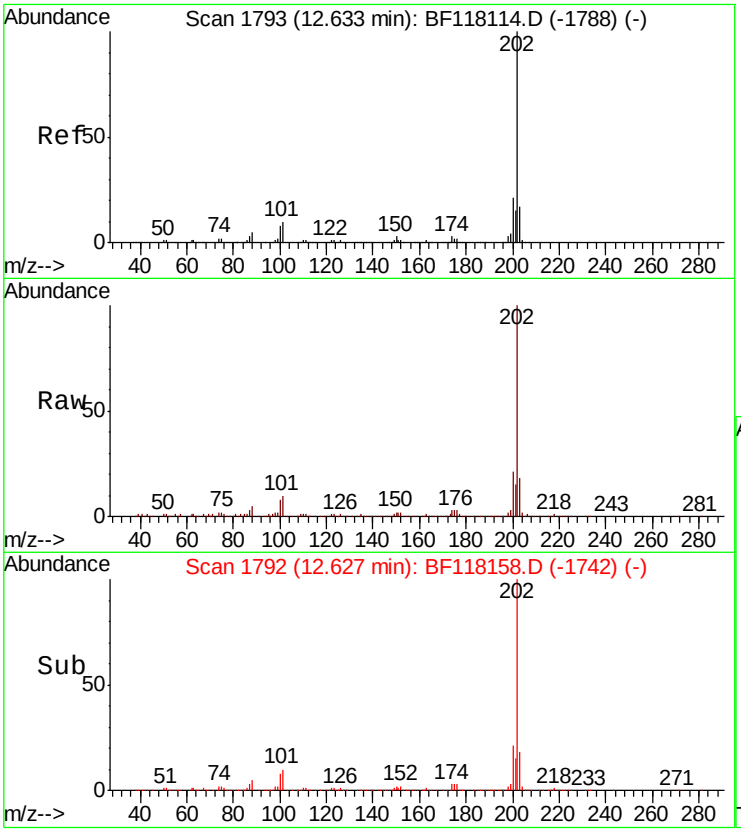


#72
Anthracene
Concen: 3.447 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF118158.D
Acq: 9 Dec 2019 21:40

Tgt Ion:178 Resp: 47965

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.0	22.6
179	15.9	12.2	18.4



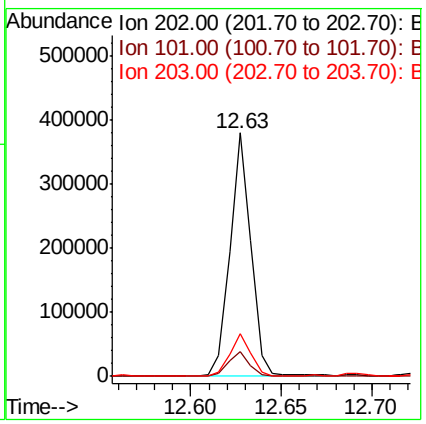


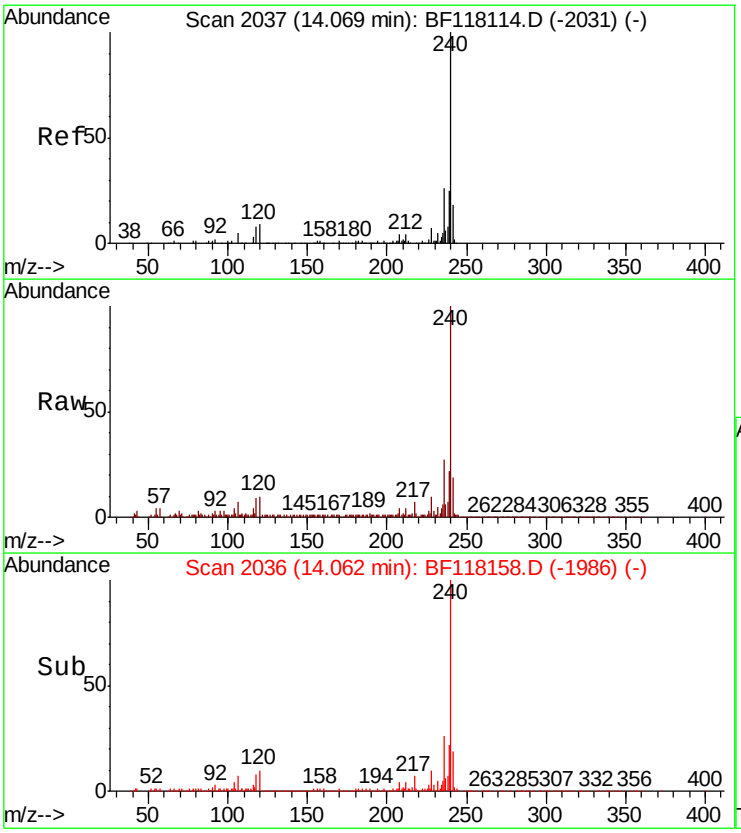
#75
Fluoranthene
Concen: 21.378 ng
RT: 12.63 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BF118158.D
Acq: 9 Dec 2019 21:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 304841

Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	30.4
203	17.5	0.0	37.2

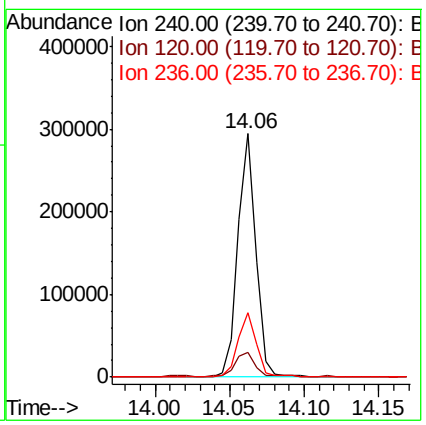


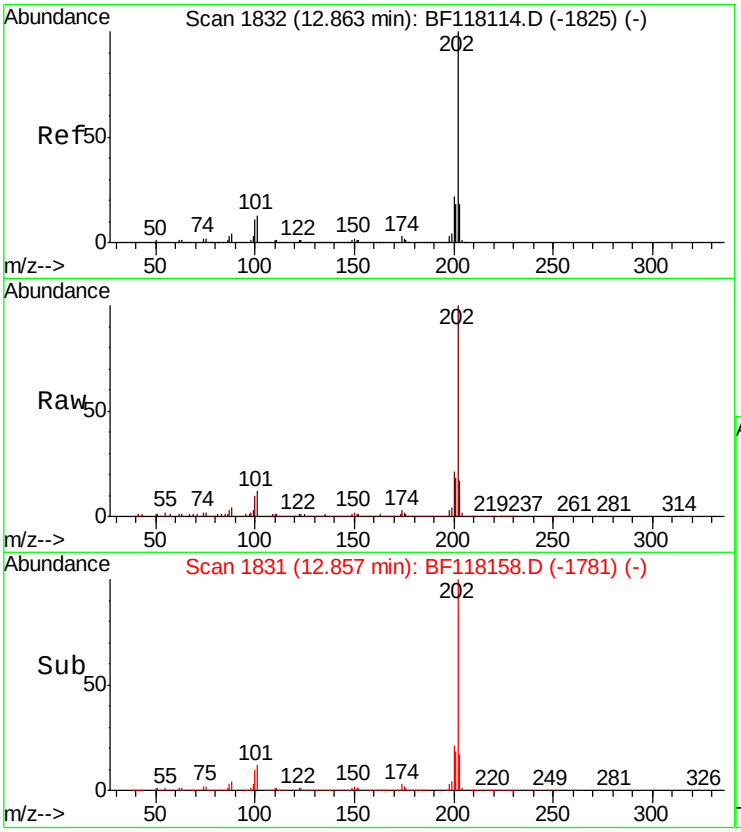


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF118158.D
Acq: 9 Dec 2019 21:40

Tgt Ion:240 Resp: 246089

Ion	Ratio	Lower	Upper
240	100		
120	10.1	7.1	10.7
236	26.6	21.0	31.6



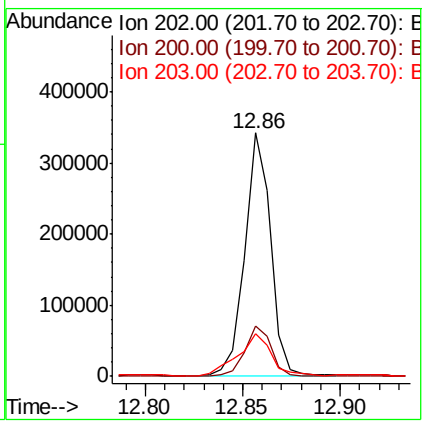


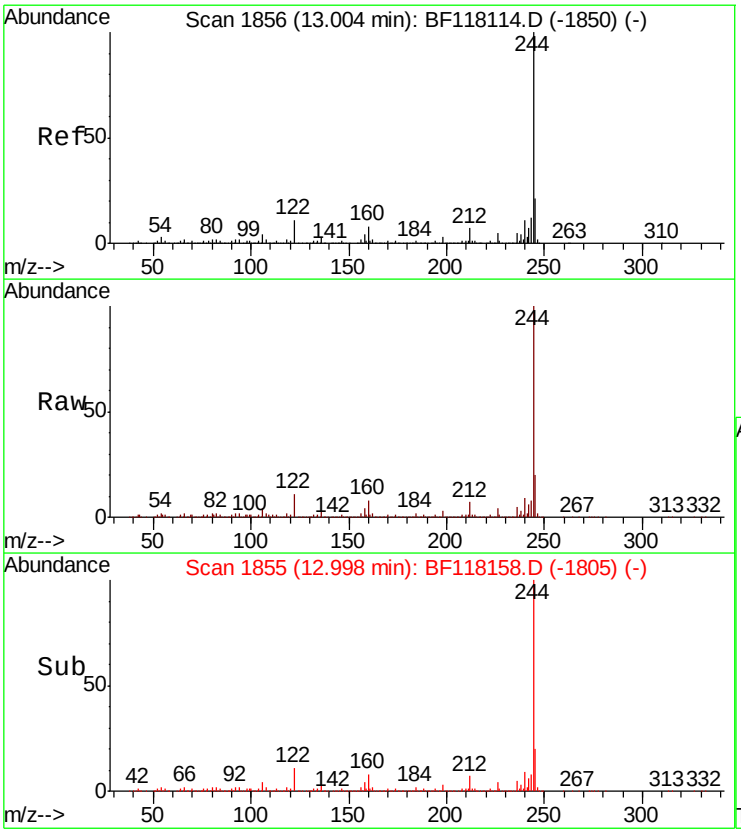
#78
Pyrene
Concen: 16.146 ng
RT: 12.86 min Scan# 1831
Delta R.T. -0.01 min
Lab File: BF118158.D
Acq: 9 Dec 2019 21:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 313119

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.5	26.3
203	17.3	14.6	21.8

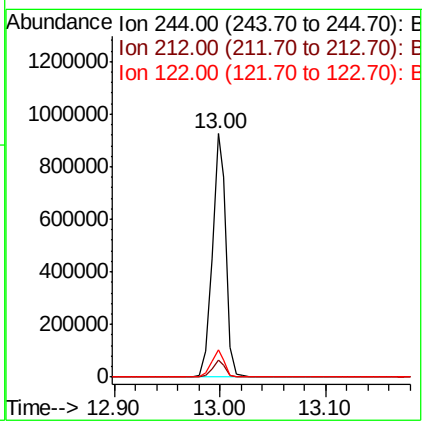


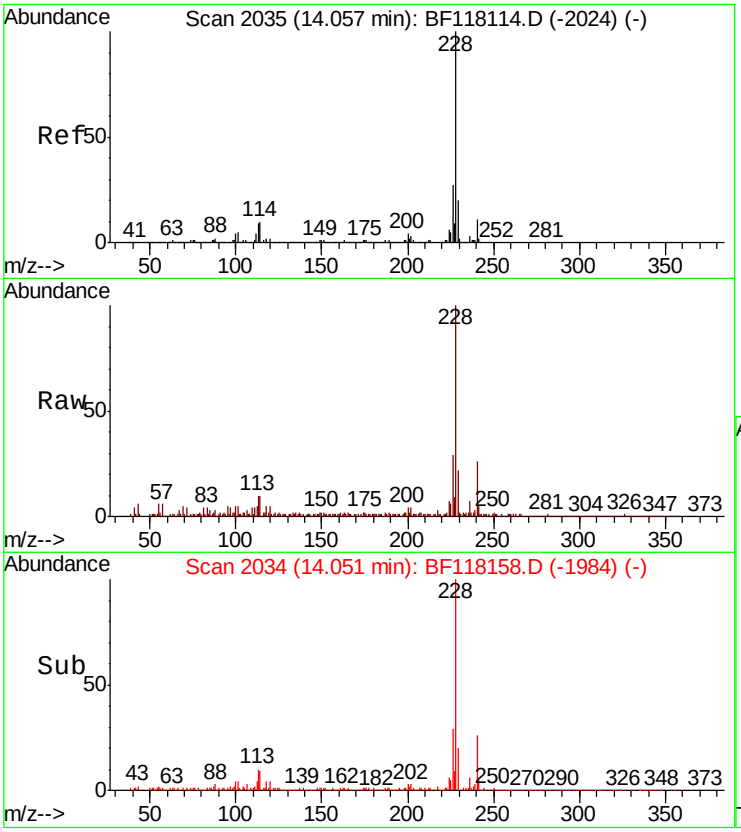


#79
Terphenyl-d14
Concen: 58.883 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BF118158.D
Acq: 9 Dec 2019 21:40

Tgt Ion:244 Resp: 842647

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.9	8.9
122	11.5	9.0	13.6



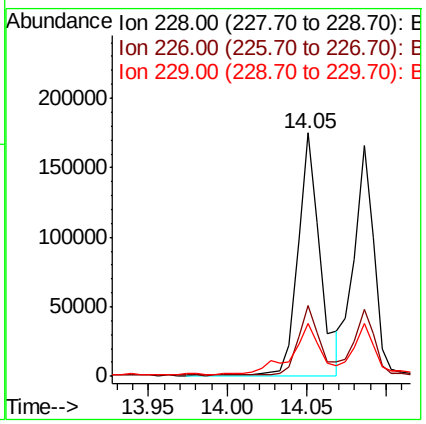


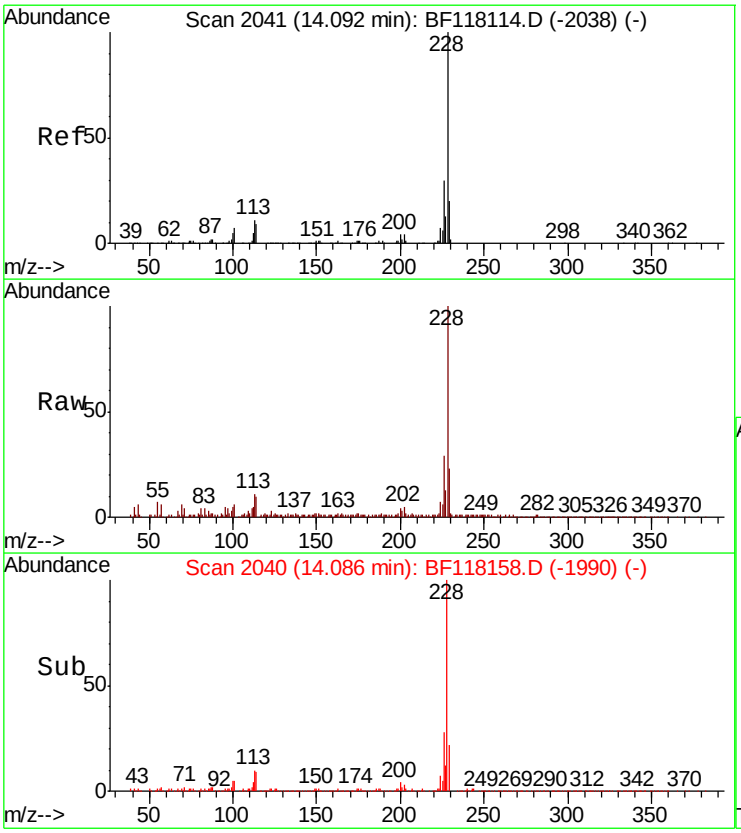
#81
Benzo(a)anthracene
Concen: 9.857 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF118158.D
Acq: 9 Dec 2019 21:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 167731

Ion	Ratio	Lower	Upper
228	100		
226	29.2	21.8	32.8
229	21.6	15.8	23.8

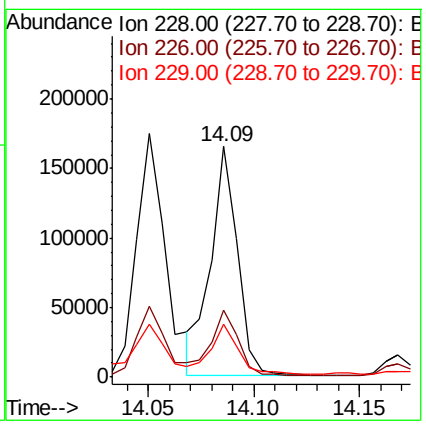


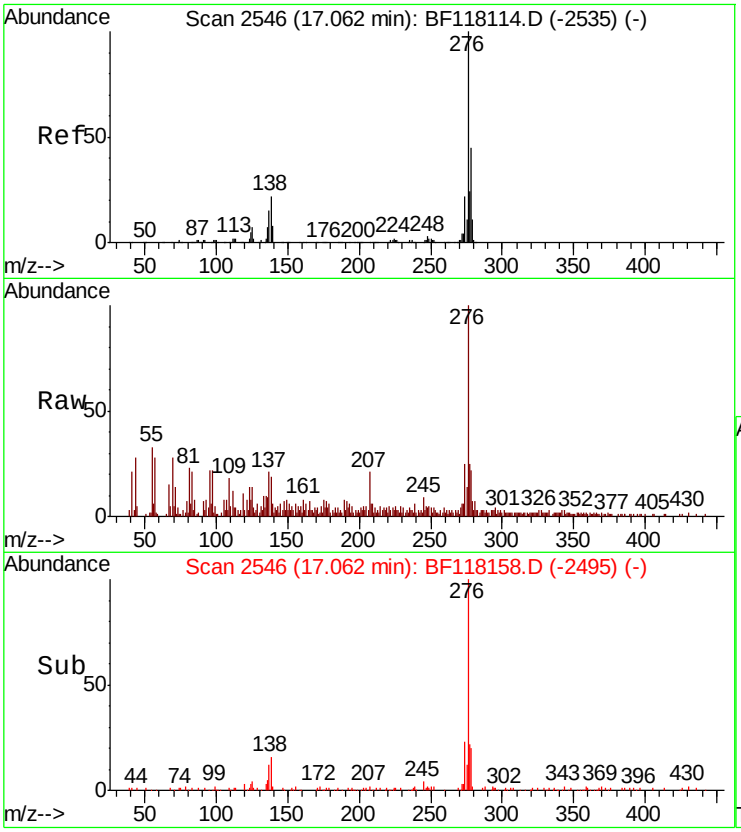


#83
Chrysene
Concen: 9.038 ng
RT: 14.09 min Scan# 2040
Delta R.T. -0.01 min
Lab File: BF118158.D
Acq: 9 Dec 2019 21:40

Tgt Ion:228 Resp: 146903

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.8	35.8
229	22.8	15.7	23.5



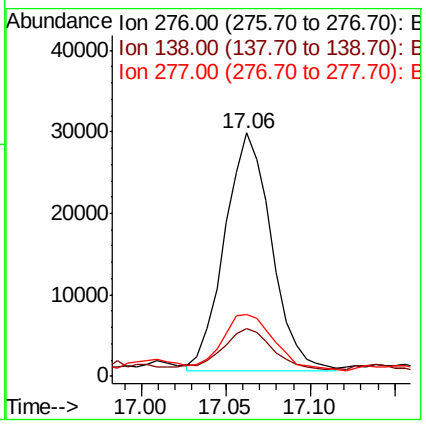


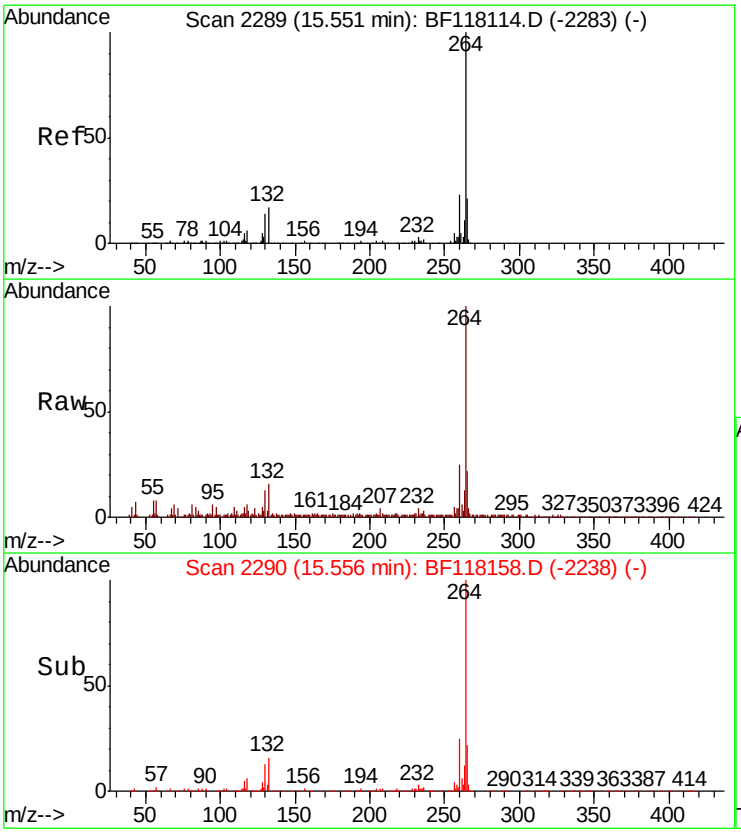
#86
Indeno(1,2,3-cd)pyrene
Concen: 4.117 ng
RT: 17.06 min Scan# 2546
Delta R.T. -0.00 min
Lab File: BF118158.D
Acq: 9 Dec 2019 21:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 56308

Ion	Ratio	Lower	Upper
276	100		
138	18.4	18.9	28.3#
277	26.0	20.4	30.6

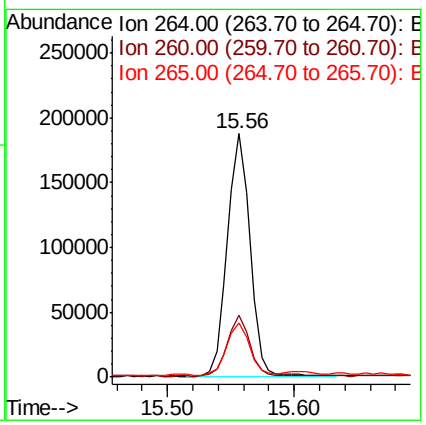


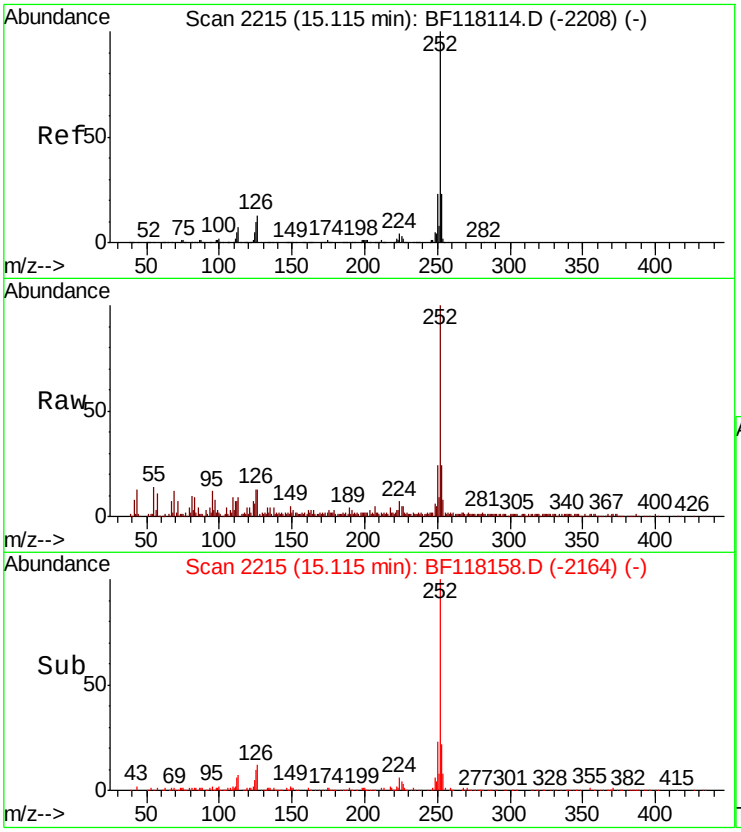


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2290
Delta R.T. 0.01 min
Lab File: BF118158.D
Acq: 9 Dec 2019 21:40

Tgt Ion:264 Resp: 229811

Ion	Ratio	Lower	Upper
264	100		
260	25.3	18.6	28.0
265	22.4	16.8	25.2



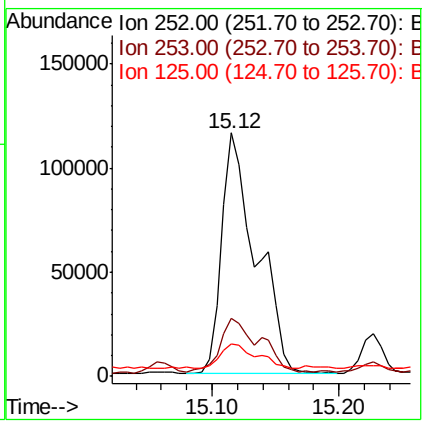


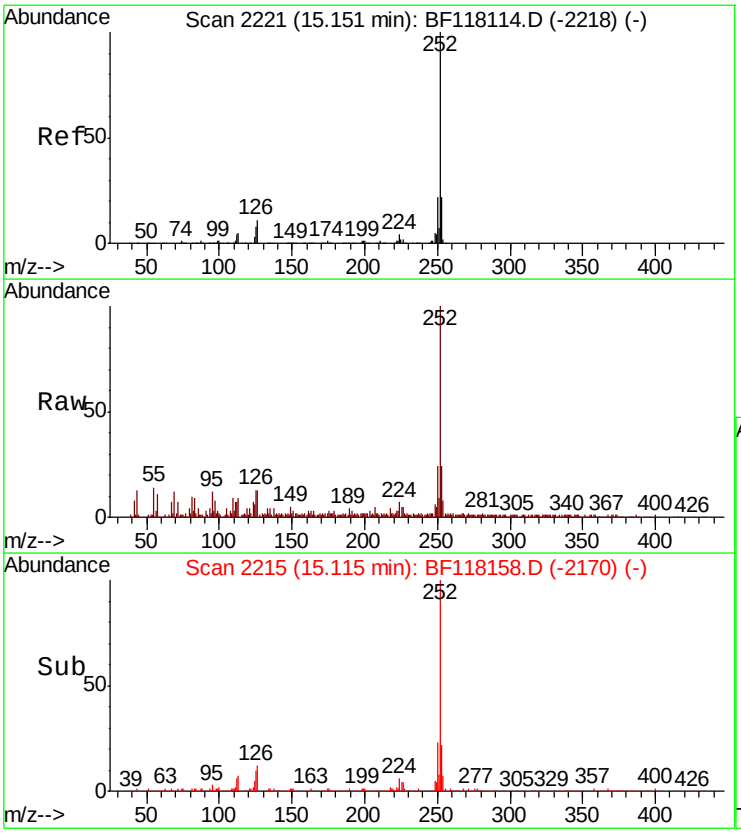
#88
Benzo(b)fluoranthene
Concen: 14.423 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.00 min
Lab File: BF118158.D
Acq: 9 Dec 2019 21:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 219210

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.2	27.4
125	13.4	8.3	12.5#

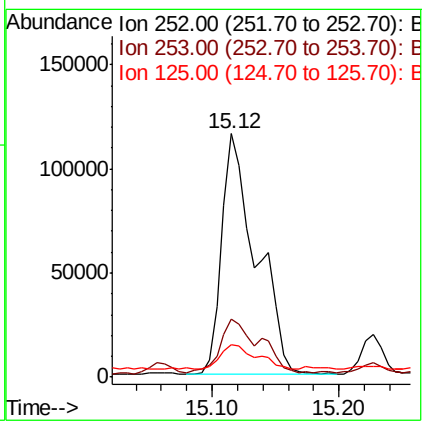


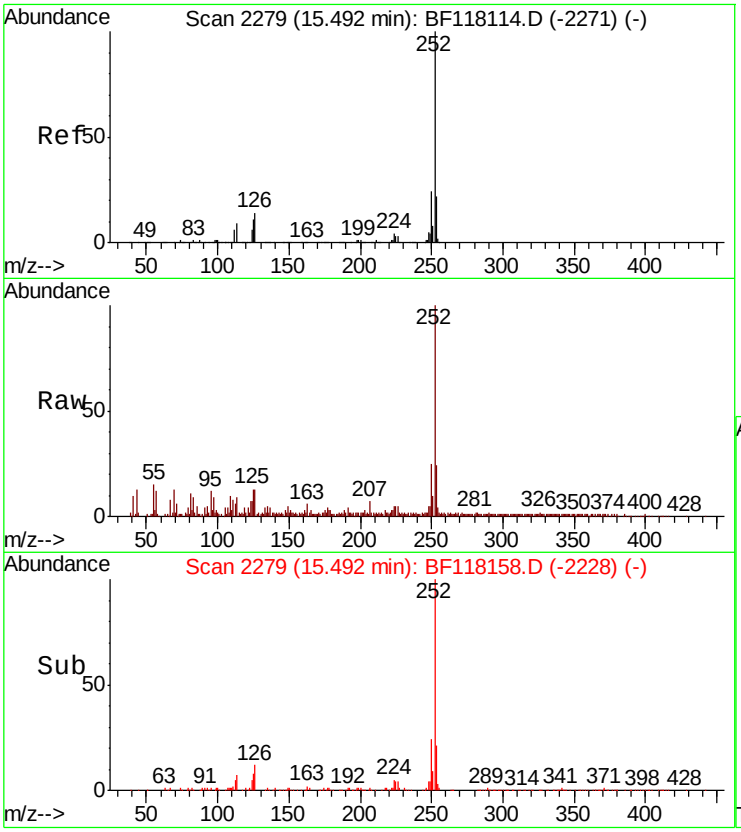


#89
Benzo(k)fluoranthene
Concen: 15.013 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.04 min
Lab File: BF118158.D
Acq: 9 Dec 2019 21:40

Tgt Ion:252 Resp: 219210

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.6	26.4
125	13.4	6.7	10.1#



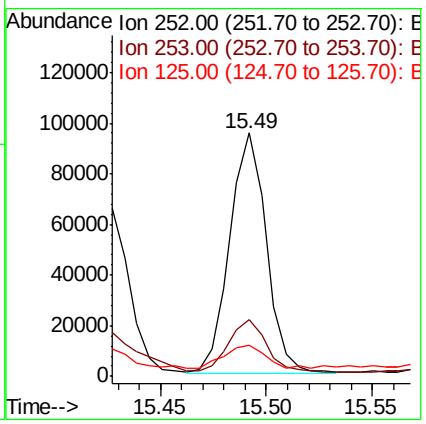


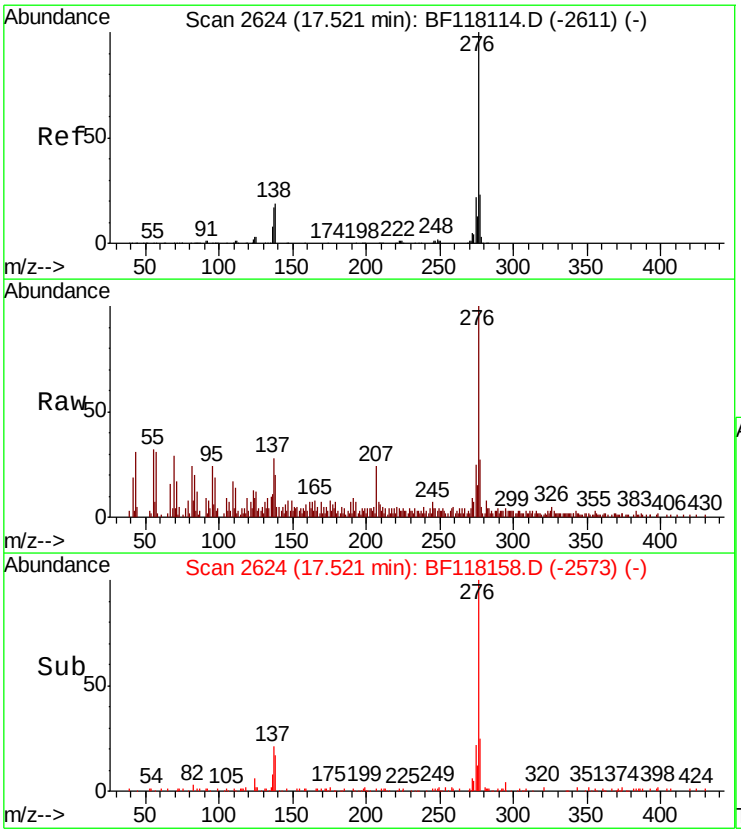
#90
Benzo(a)pyrene
Concen: 8.477 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.00 min
Lab File: BF118158.D
Acq: 9 Dec 2019 21:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 113794

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.5	26.3
125	12.8	9.1	13.7





#92
Benzo(g,h,i)perylene
Concen: 5.091 ng
RT: 17.52 min Scan# 2624
Delta R.T. -0.00 min
Lab File: BF118158.D
Acq: 9 Dec 2019 21:40

Tgt Ion:276 Resp: 56325

Ion	Ratio	Lower	Upper
276	100		
277	26.9	18.2	27.4
138	20.3	15.5	23.3