Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103019\
Data File : BF117623.D
Acq On : 30 Oct 2019 14:39
Operator : JU
Sample : K5542-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 31 01:23:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 18:53:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	37745	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	152522	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	67483	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	93385	20.00	ng	0.00
76) Chrysene-d12	13.89	240	76777	20.00	ng	0.00
87) Perylene-d12	15.33	264	71335	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	200176	78.90	ng	0.00
7) Phenol-d6	6.39	99	284276	83.42	ng	0.00
23) Nitrobenzene-d5	7.29	82	174502	56.48	ng	-0.01
42) 2,4,6-Tribromophenol	10.56	330	38809	66.46	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	262863	54.88	ng	-0.01
79) Terphenyl-d14	12.83	244	191310	40.64	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.38	77	278	Below Cal	#	3
10) Phenol	6.40	94	7113	2.045	ng	# 70
19) n-Nitroso-di-n-propylamine	7.29	70	24207	11.632	ng	# 78
25) Isophorone	7.29	82	174499	32.650	ng	# 65
50) Dimethylphthalate	9.48	163	39797	8.272	ng	99
51) 2,6-Dinitrotoluene	9.76	165	8673	8.639	ng	# 22
56) 4-Nitrophenol	9.98	139	1639	6.902	ng	# 6
57) 2,4-Dinitrotoluene	9.76	165	8673	6.498	ng	# 12
67) 4-Bromophenyl-phenylether	10.56	248	2368	2.354	ng	# 1
71) Phenanthrene	11.27	178	85595	15.785	ng	97
72) Anthracene	11.27	178	85595	15.384	ng	98
75) Fluoranthene	12.46	202	127526	23.493	ng	99
77) Benzidine	12.83	184	2561	Below Cal	#	83
78) Pyrene	12.69	202	119485	18.118	ng	97
81) Benzo(a)anthracene	13.89	228	59818	11.550	ng	98
83) Chrysene	13.92	228	56725	11.176	ng	98
84) Bis(2-ethylhexyl)phthalate	13.86	149	13514	2.940	ng	96
86) Indeno(1,2,3-cd)pyrene	16.76	276	21671	5.719	ng	98
88) Benzo(b)fluoranthene	14.92	252	84996	20.177	ng	95
89) Benzo(k)fluoranthene	14.92	252	84996	19.687	ng	# 94
90) Benzo(a)pyrene	15.27	252	44164	11.531	ng	# 93
92) Benzo(g,h,i)perylene	17.19	276	19331	6.169	ng	95

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

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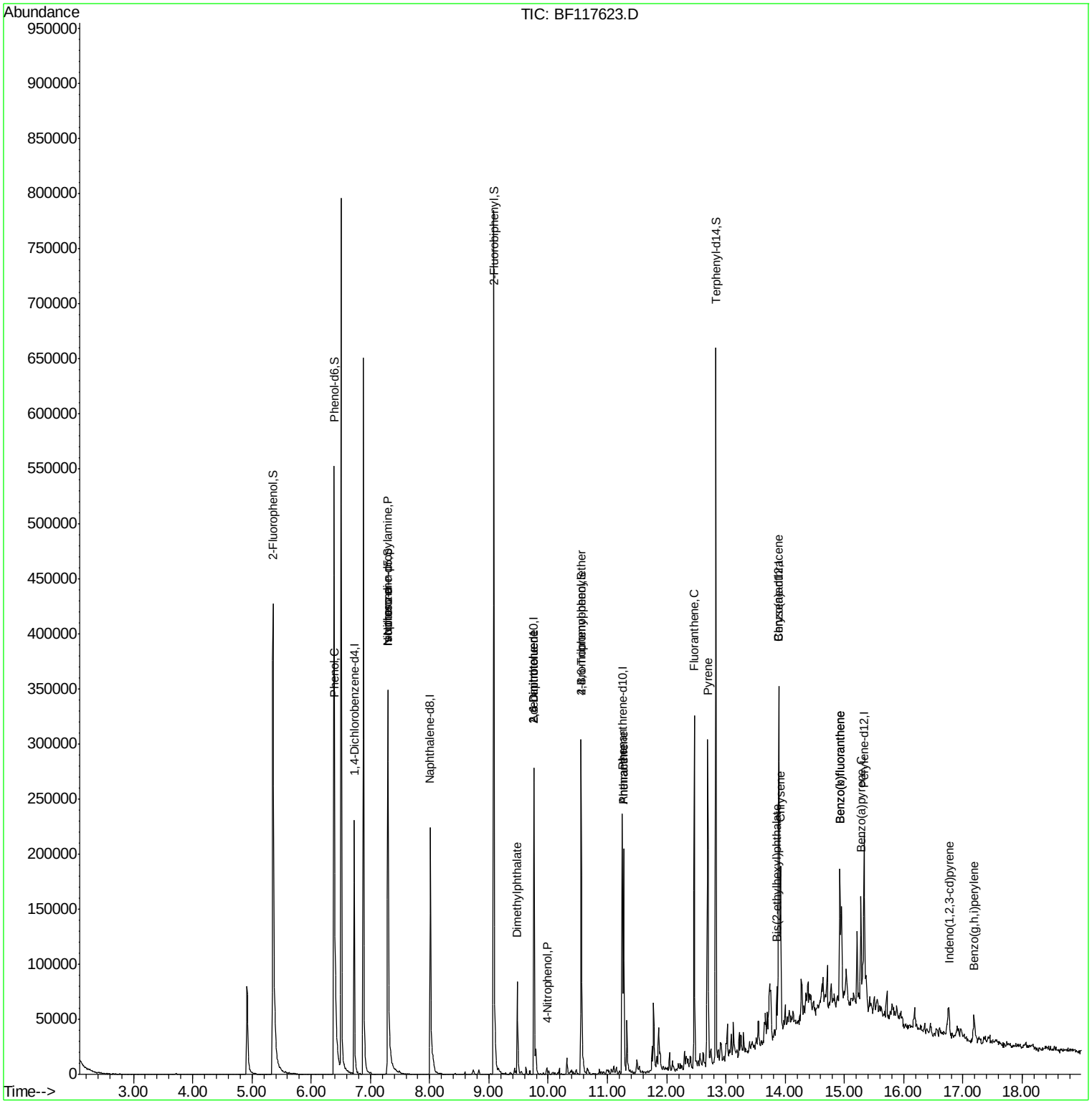
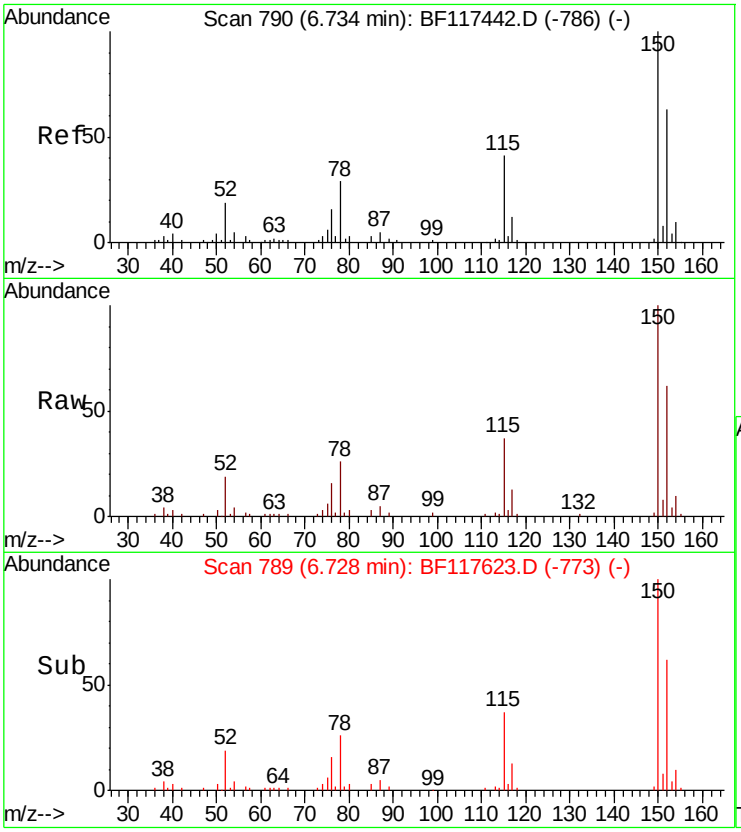


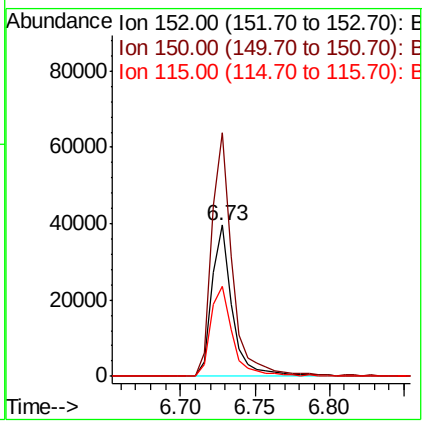


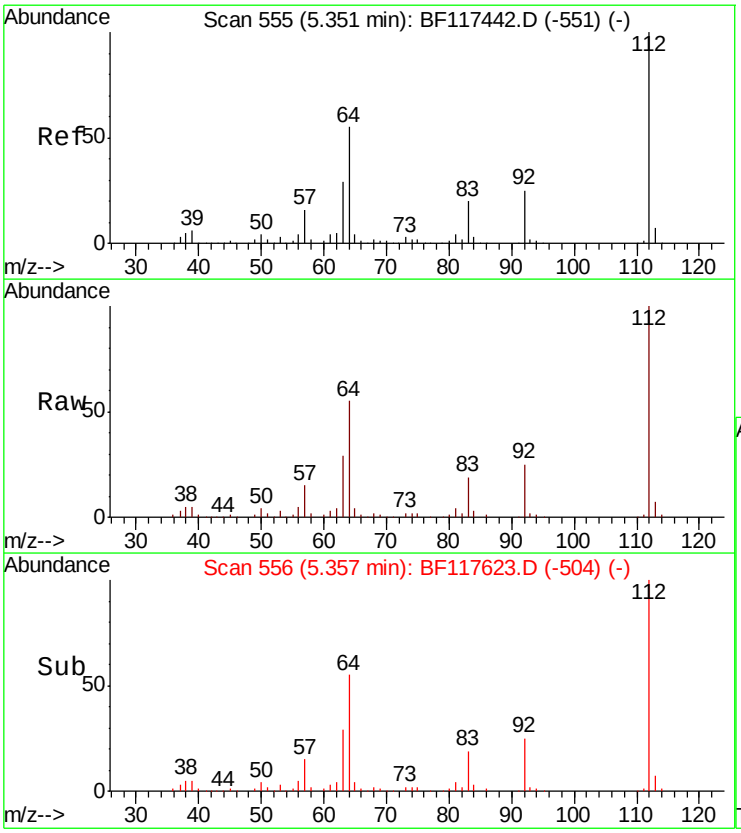
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF117623.D
Acq: 30 Oct 2019 14:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 37745

Ion	Ratio	Lower	Upper
152	100		
150	161.1	126.8	190.2
115	59.8	51.6	77.4

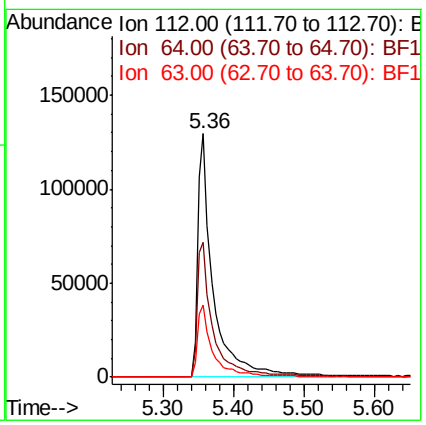


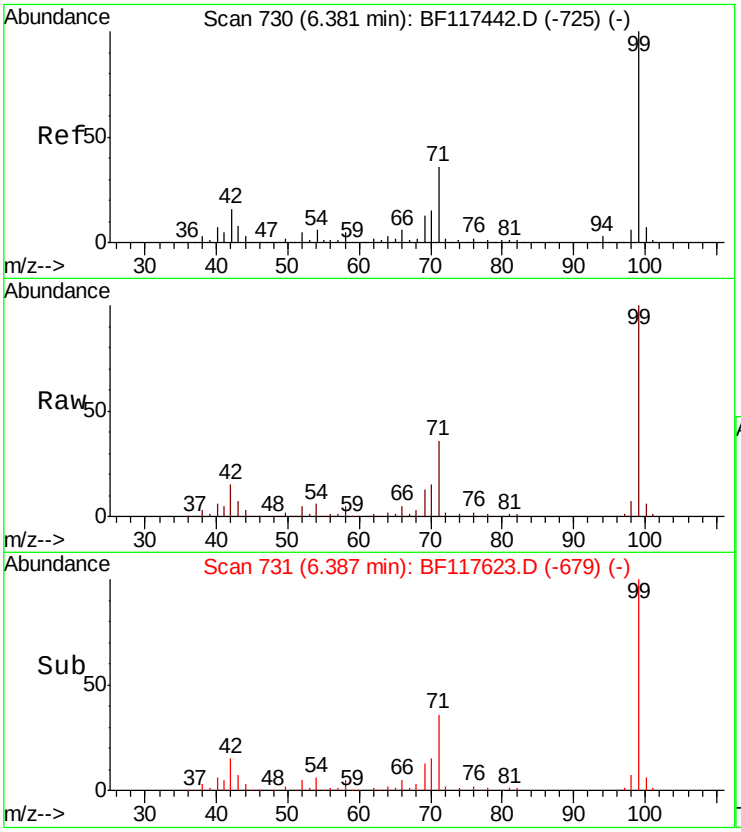


#5
2-Fluorophenol
Concen: 78.899 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF117623.D
Acq: 30 Oct 2019 14:39

Tgt Ion:112 Resp: 200176

Ion	Ratio	Lower	Upper
112	100		
64	55.2	44.1	66.1
63	29.5	23.4	35.2



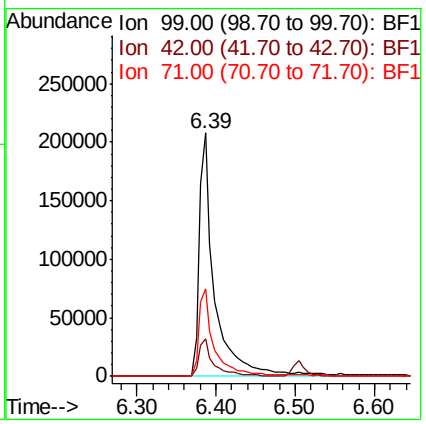


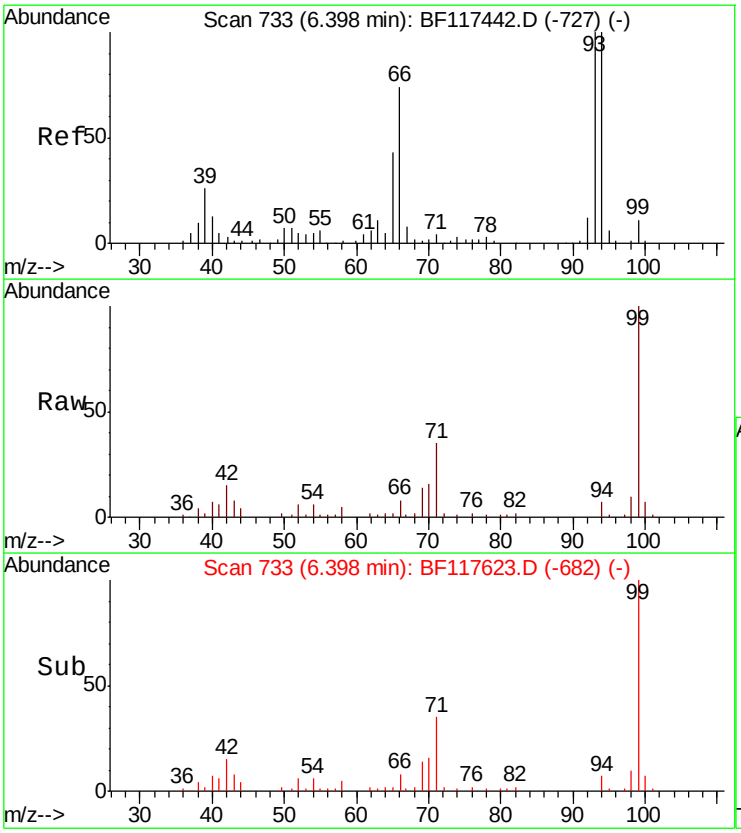
#7
Phenol-d6
Concen: 83.423 ng
RT: 6.39 min Scan# 731
Delta R.T. 0.01 min
Lab File: BF117623.D
Acq: 30 Oct 2019 14:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 284276

Ion	Ratio	Lower	Upper
99	100		
42	15.2	12.8	19.2
71	36.2	28.6	43.0

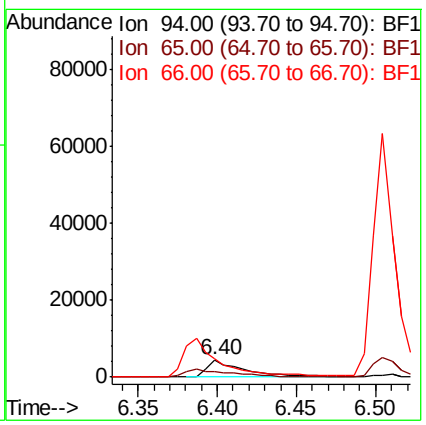


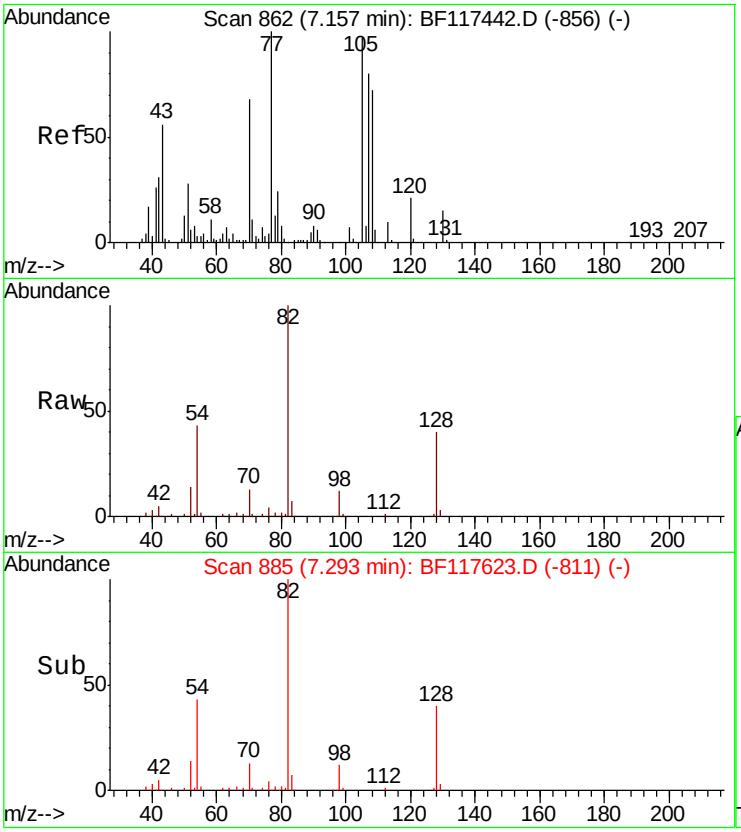


#10
Phenol
Concen: 2.045 ng
RT: 6.40 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF117623.D
Acq: 30 Oct 2019 14:39

Tgt Ion: 94 Resp: 7113

Ion	Ratio	Lower	Upper
94	100		
65	29.7	23.4	63.4
66	104.7	54.7	94.7#



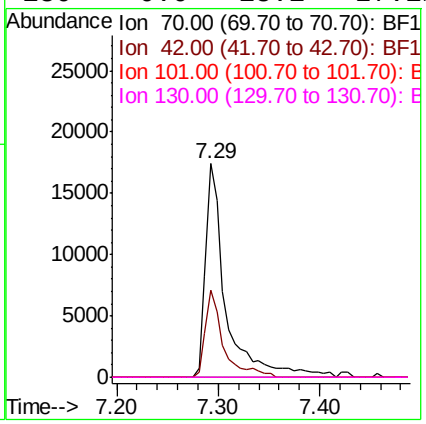


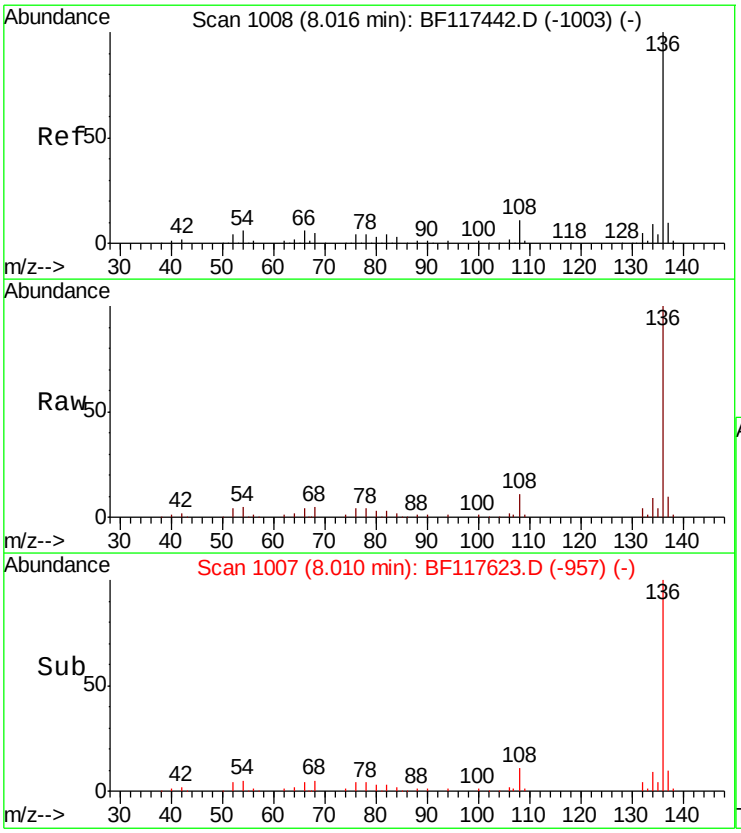
#19
n-Nitroso-di-n-propylamine
Concen: 11.632 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.14 min
Lab File: BF117623.D
Acq: 30 Oct 2019 14:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 24207

Ion	Ratio	Lower	Upper
70	100		
42	40.6	36.7	55.1
101	0.0	8.3	12.5#
130	0.0	18.1	27.1#

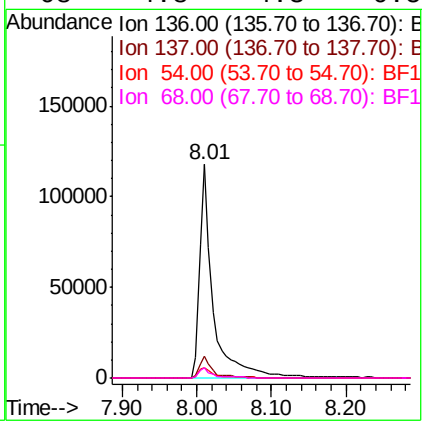


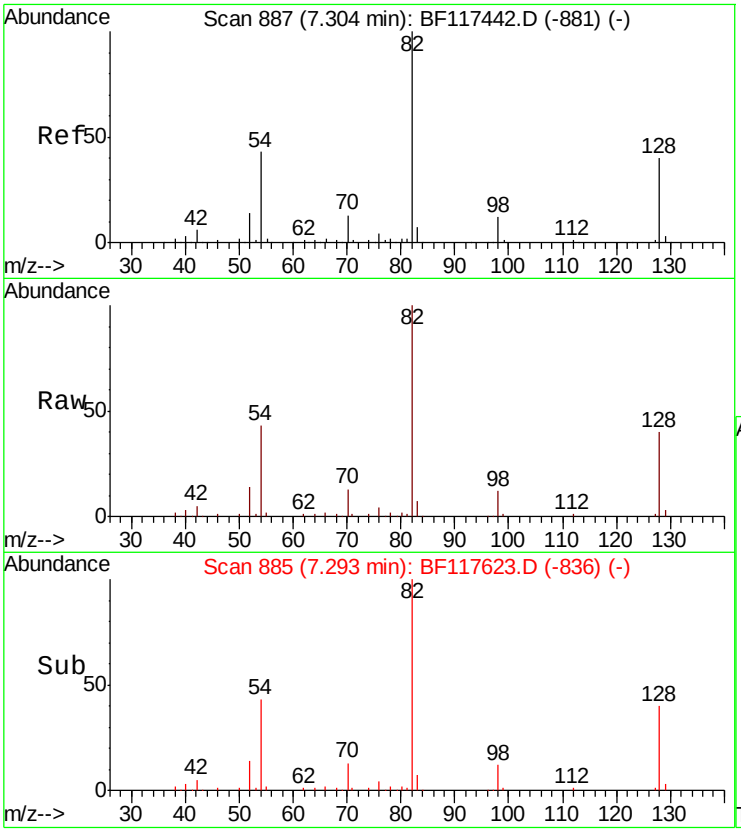


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF117623.D
Acq: 30 Oct 2019 14:39

Tgt Ion:136 Resp: 152522

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.2	12.4
54	5.1	4.5	6.7
68	4.8	4.3	6.5



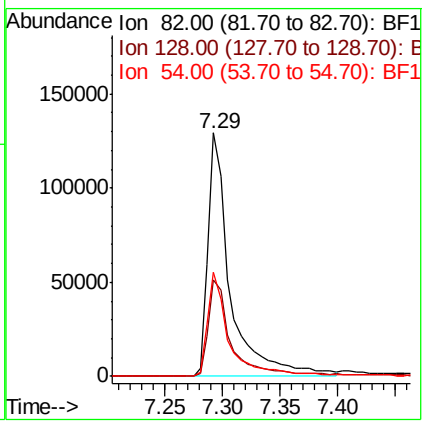


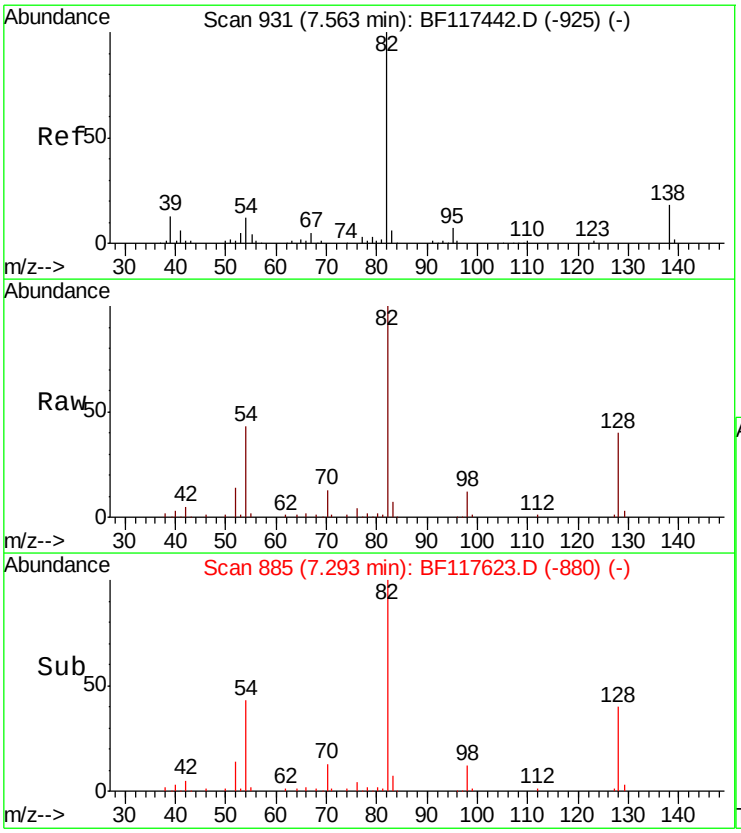
#23
Nitrobenzene-d5
Concen: 56.482 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF117623.D
Acq: 30 Oct 2019 14:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 174502

Ion	Ratio	Lower	Upper
82	100		
128	39.6	32.2	48.2
54	43.0	34.2	51.2

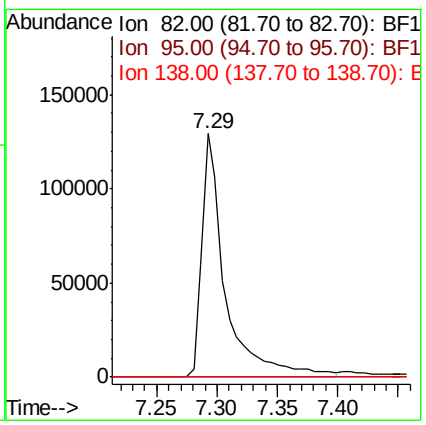


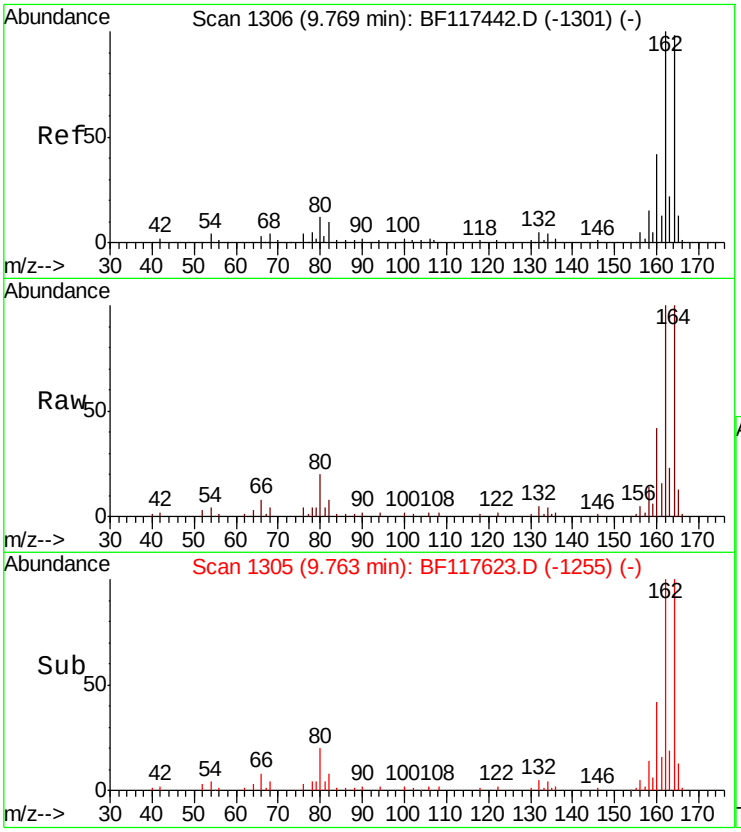


#25
Isophorone
Concen: 32.650 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.27 min
Lab File: BF117623.D
Acq: 30 Oct 2019 14:39

Tgt Ion: 82 Resp: 174499

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.0#
138	0.0	14.2	21.2#



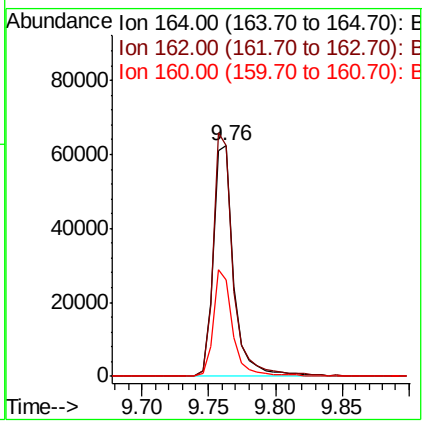


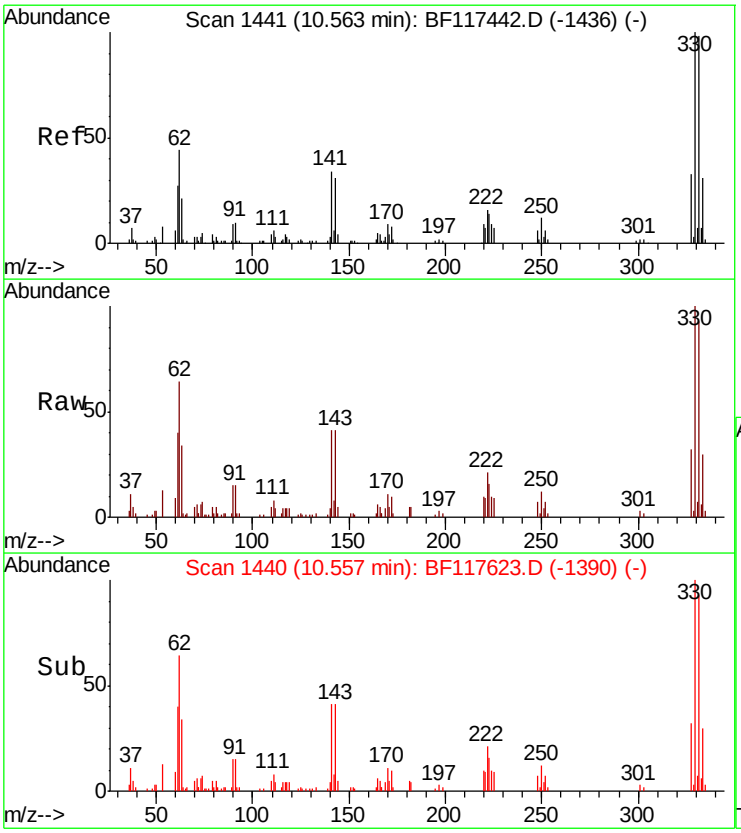
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF117623.D
Acq: 30 Oct 2019 14:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 67483

Ion	Ratio	Lower	Upper
164	100		
162	100.0	81.8	122.6
160	41.9	34.4	51.6

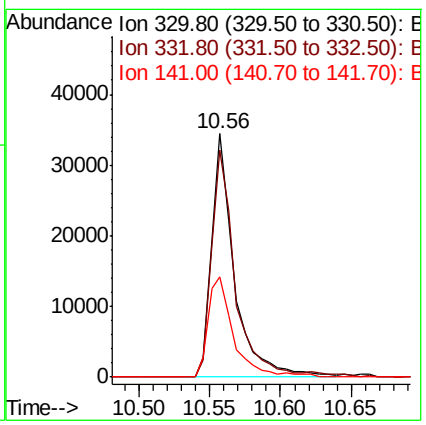


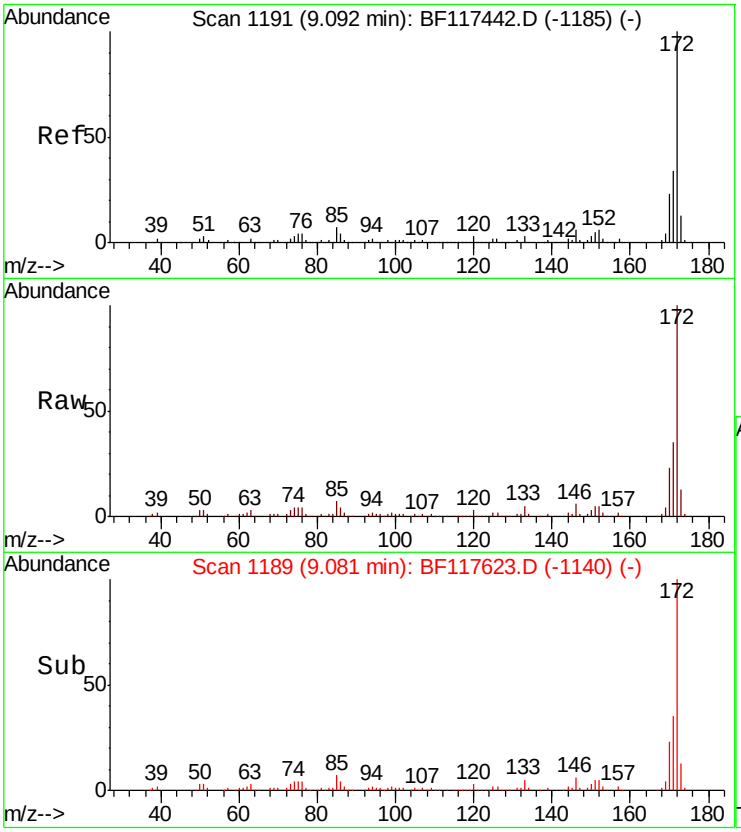


#42
2,4,6-Tribromophenol
Concen: 66.465 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF117623.D
Acq: 30 Oct 2019 14:39

Tgt Ion:330 Resp: 38809

Ion	Ratio	Lower	Upper
330	100		
332	98.2	78.5	117.7
141	45.8	37.0	55.6



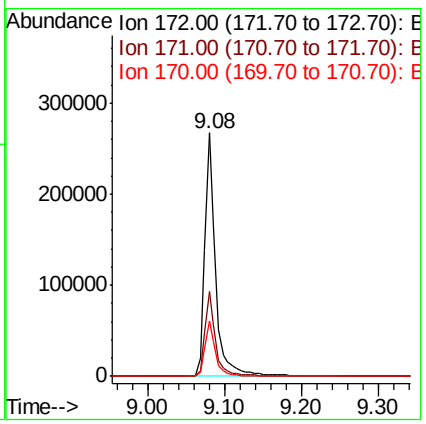


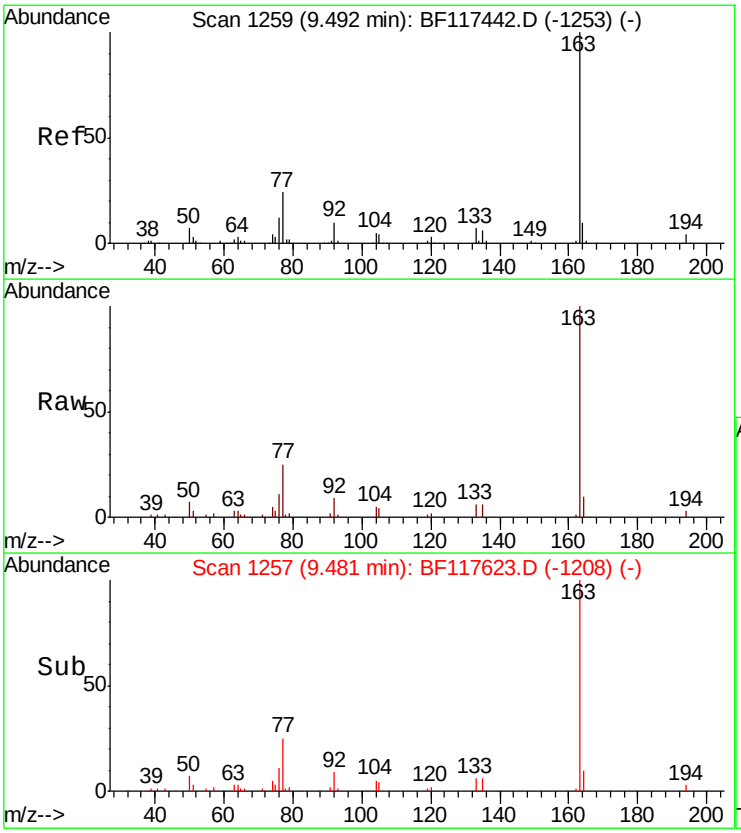
#45
2-Fluorobiphenyl
Concen: 54.884 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF117623.D
Acq: 30 Oct 2019 14:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 262863

Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.5	41.3
170	22.7	18.6	27.8

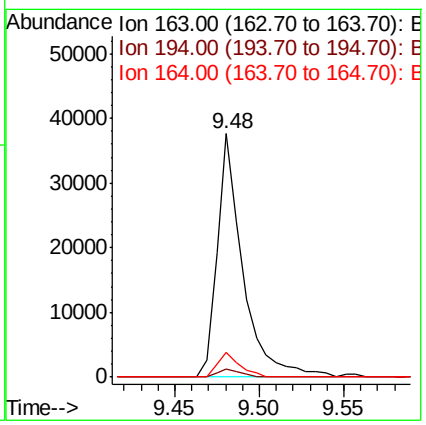


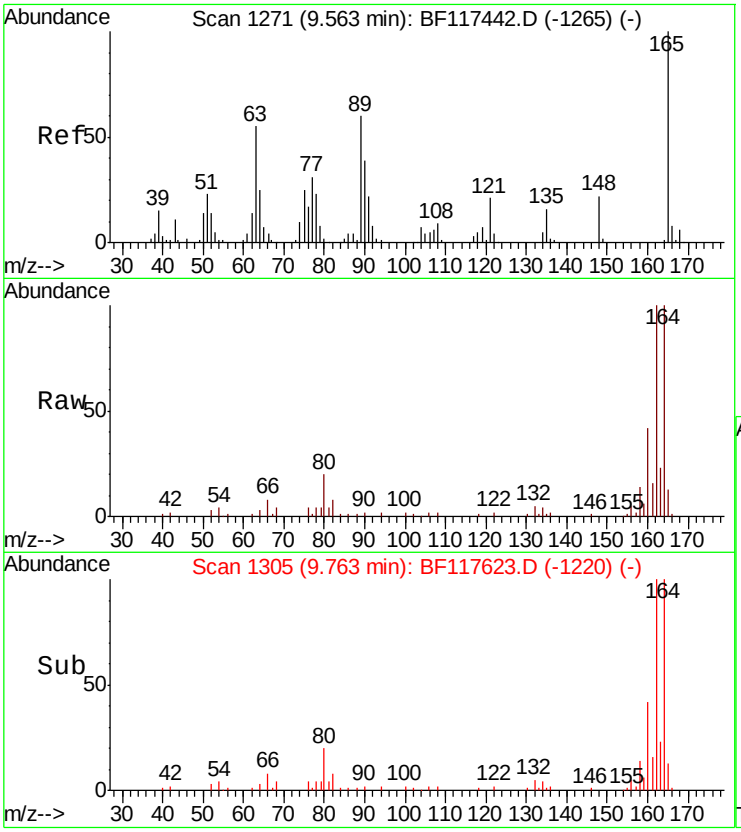


#50
Dimethylphthalate
Concen: 8.272 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF117623.D
Acq: 30 Oct 2019 14:39

Tgt Ion:163 Resp: 39797

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.9	4.3
164	10.0	8.2	12.2



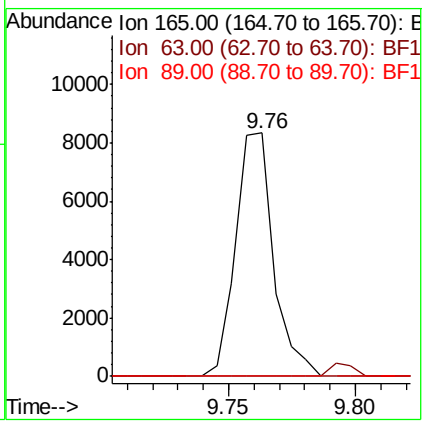


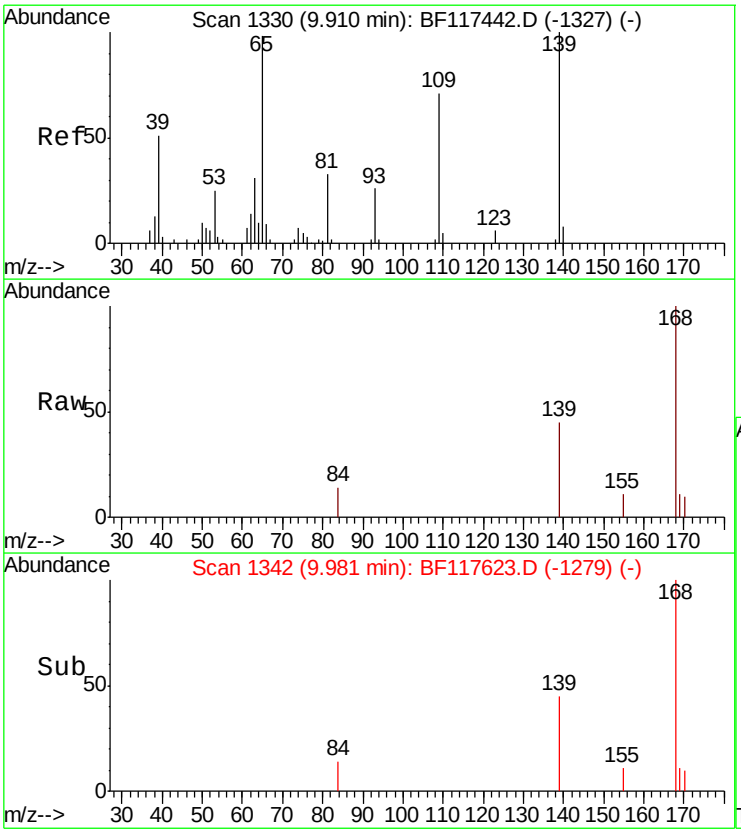
#51
2,6-Dinitrotoluene
Concen: 8.639 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.20 min
Lab File: BF117623.D
Acq: 30 Oct 2019 14:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 8673

Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.8	65.8#
89	0.0	47.6	71.4#

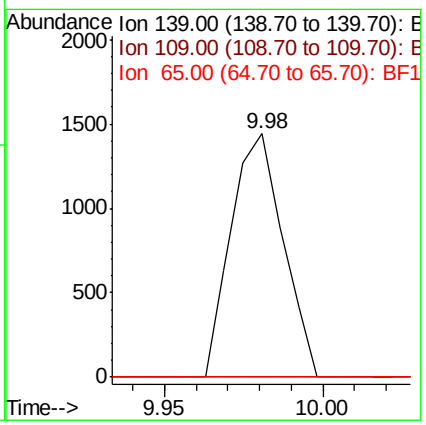


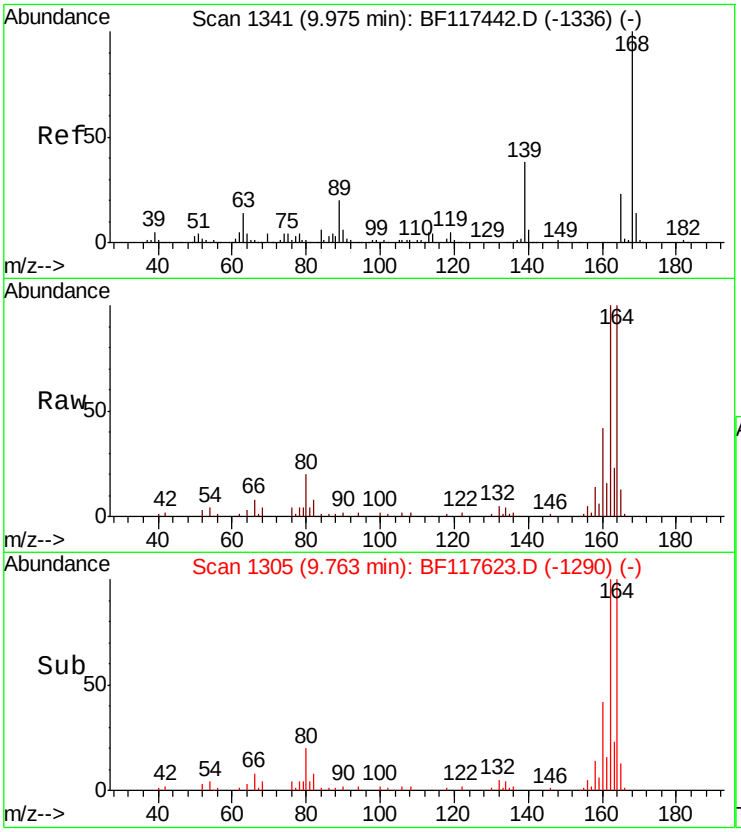


#56
4-Nitrophenol
Concen: 6.902 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.07 min
Lab File: BF117623.D
Acq: 30 Oct 2019 14:39

Tgt Ion:139 Resp: 1639

Ion	Ratio	Lower	Upper
139	100		
109	0.0	51.4	91.4#
65	0.0	79.4	119.4#



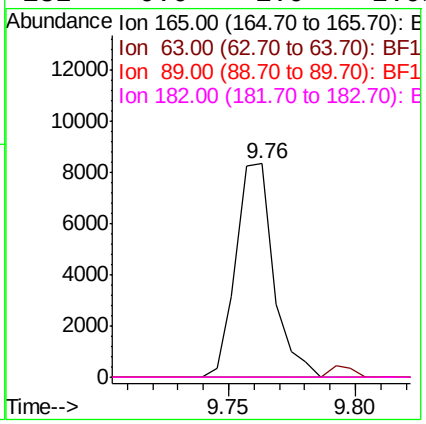


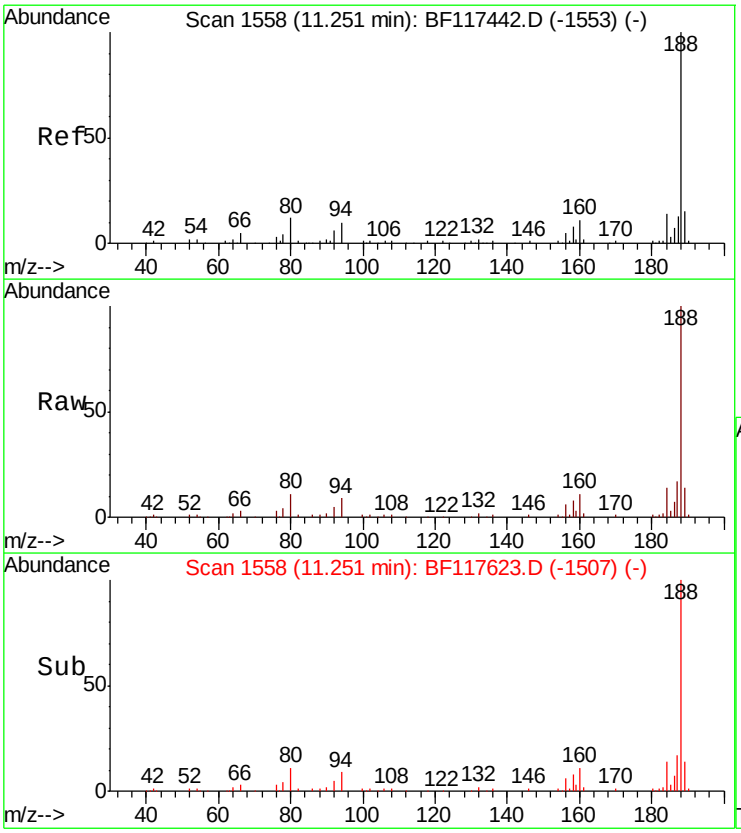
#57
2,4-Dinitrotoluene
Concen: 6.498 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.21 min
Lab File: BF117623.D
Acq: 30 Oct 2019 14:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 8673

Ion	Ratio	Lower	Upper
165	100		
63	0.0	51.4	77.0#
89	0.0	69.9	104.9#
182	0.0	1.9	2.9#

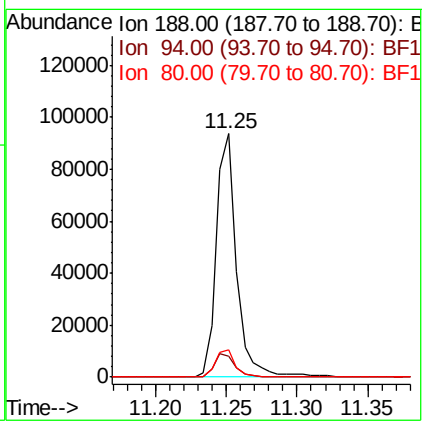


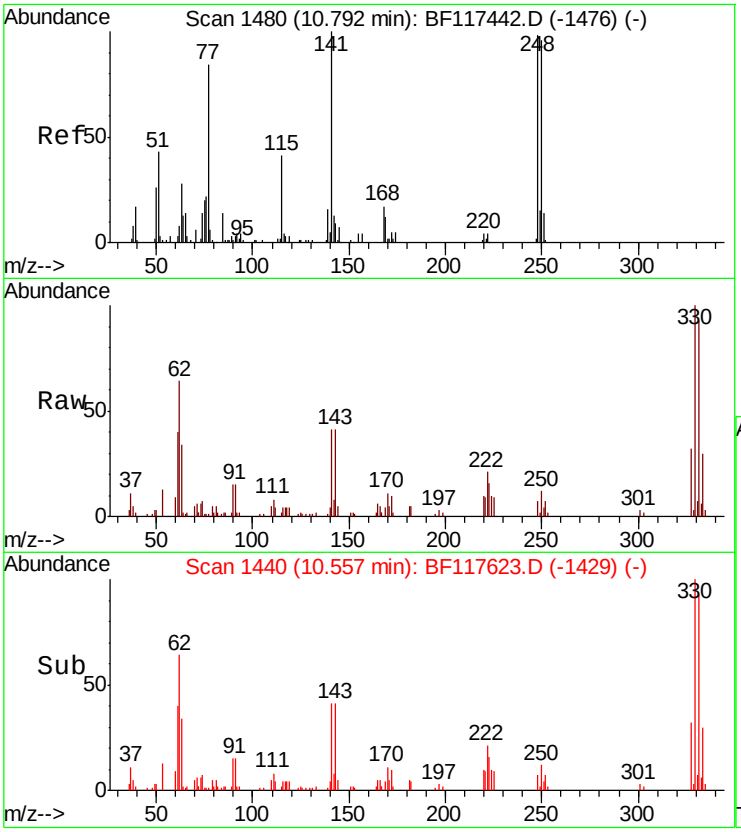


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF117623.D
Acq: 30 Oct 2019 14:39

Tgt Ion:188 Resp: 93385

Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.0	12.0
80	11.2	9.5	14.3



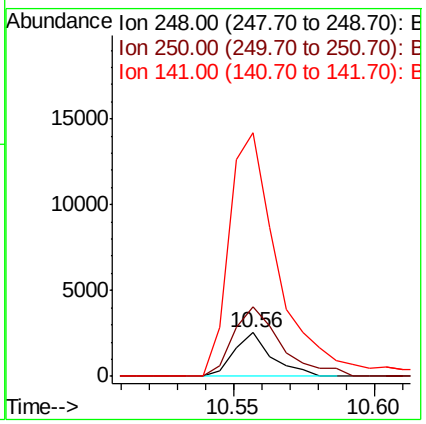


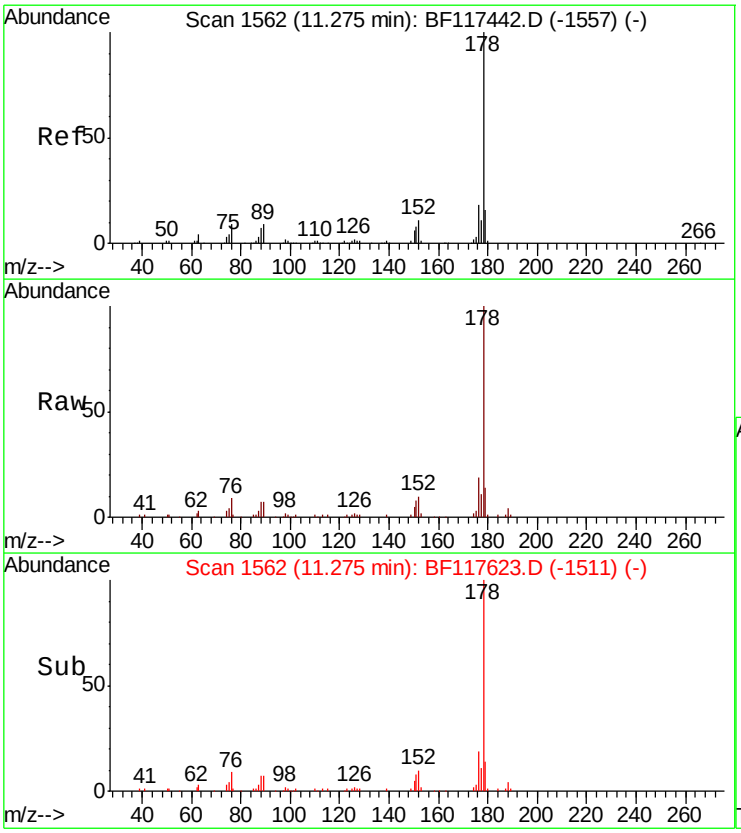
#67
4-Bromophenyl-phenylether
Concen: 2.354 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.24 min
Lab File: BF117623.D
Acq: 30 Oct 2019 14:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 2368

Ion	Ratio	Lower	Upper
248	100		
250	158.3	78.0	117.0#
141	554.8	81.7	122.5#

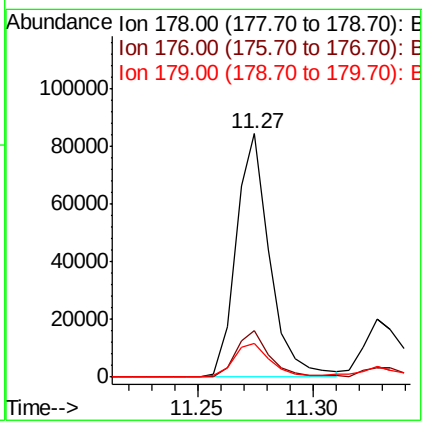


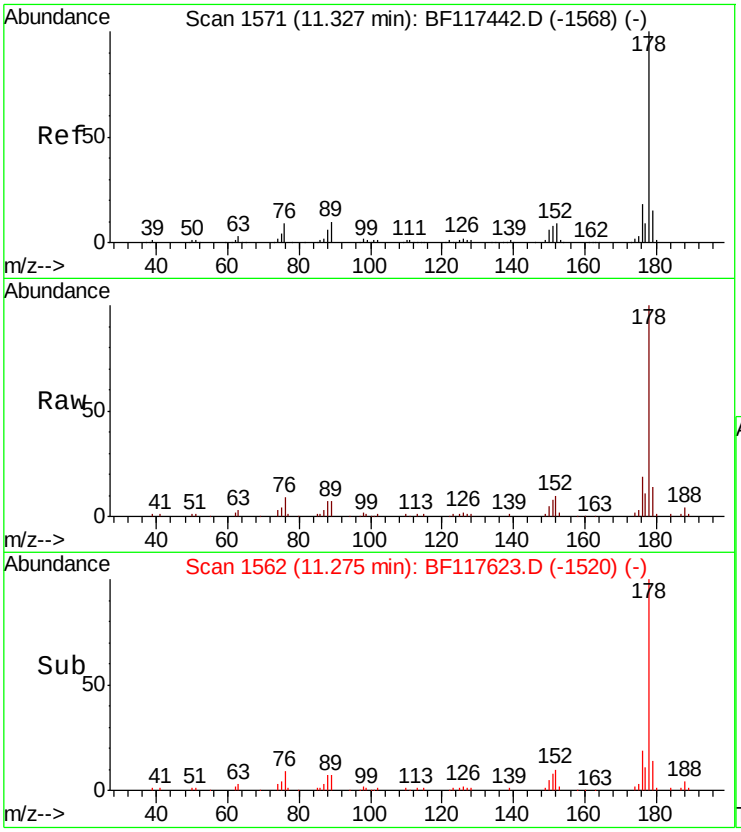


#71
Phenanthrene
Concen: 15.785 ng
RT: 11.27 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BF117623.D
Acq: 30 Oct 2019 14:39

Tgt Ion:178 Resp: 85595

Ion	Ratio	Lower	Upper
178	100		
176	19.1	14.6	22.0
179	13.9	12.6	19.0



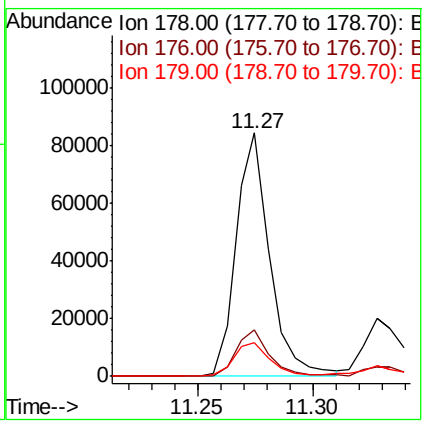


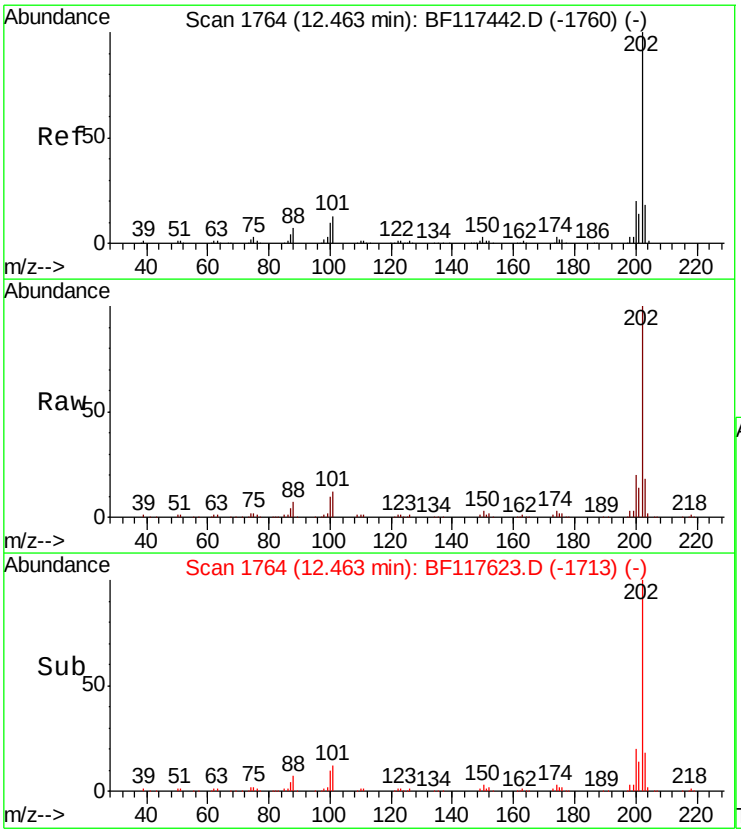
#72
Anthracene
Concen: 15.384 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.05 min
Lab File: BF117623.D
Acq: 30 Oct 2019 14:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 85595

Ion	Ratio	Lower	Upper
178	100		
176	19.1	14.7	22.1
179	13.9	12.2	18.2

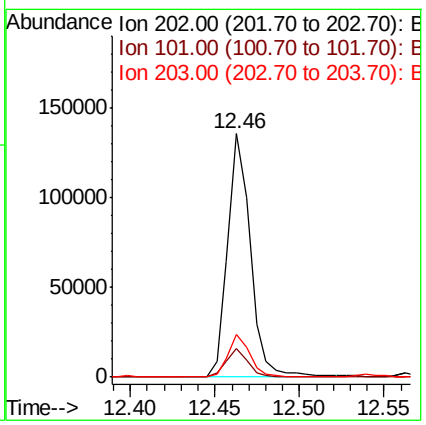


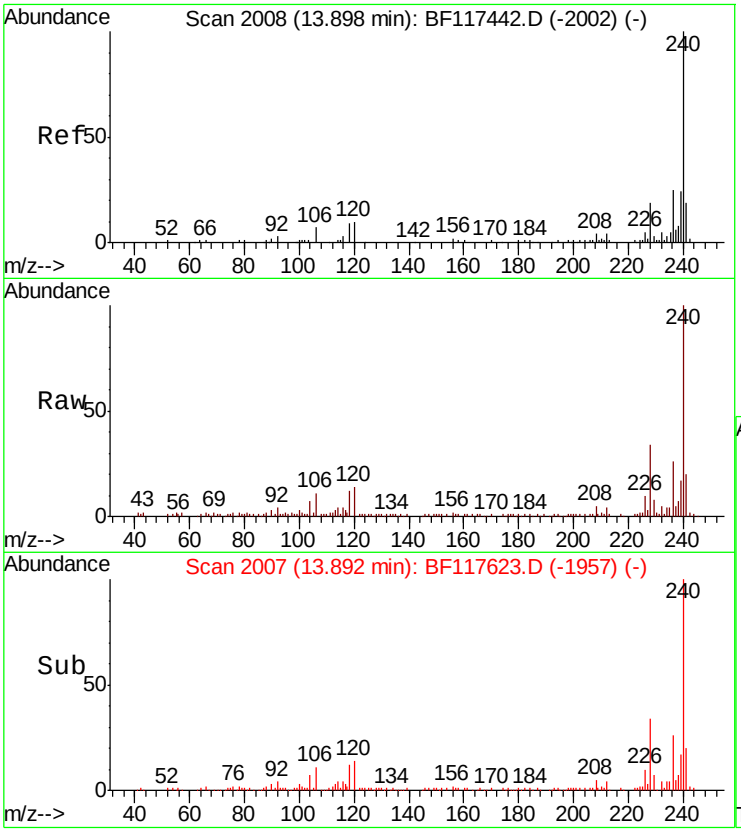


#75
Fluoranthene
Concen: 23.493 ng
RT: 12.46 min Scan# 1764
Delta R.T. 0.00 min
Lab File: BF117623.D
Acq: 30 Oct 2019 14:39

Tgt Ion:202 Resp: 127526

Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	32.7
203	17.7	0.0	37.6



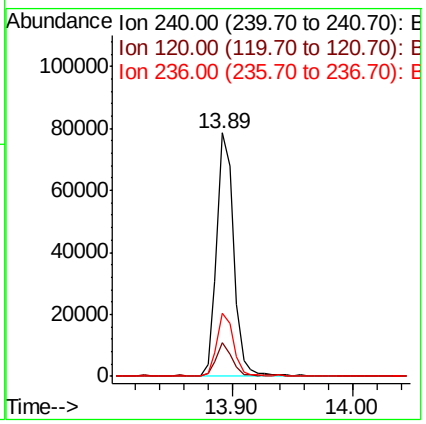


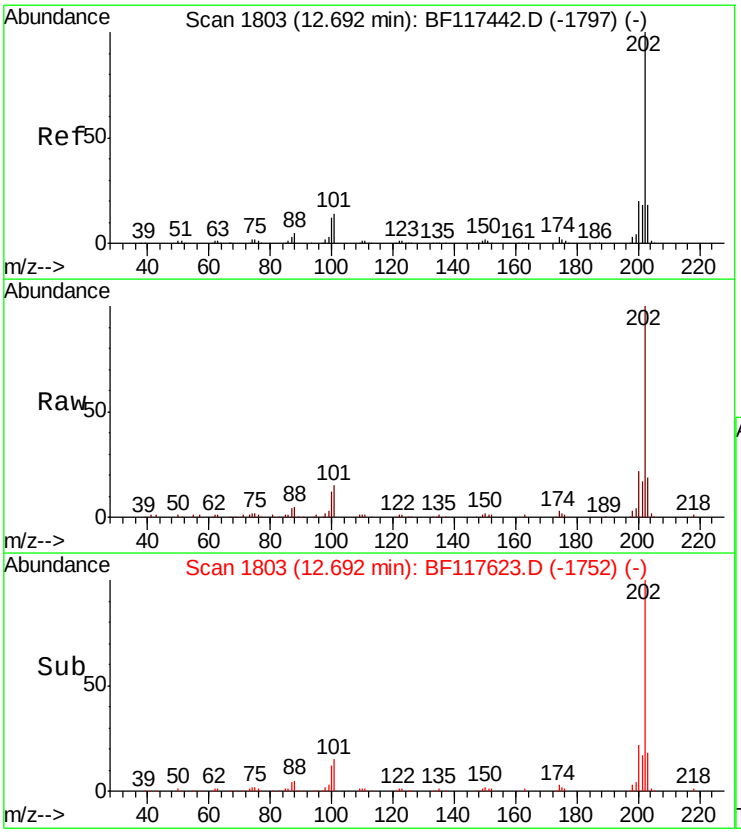
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF117623.D
Acq: 30 Oct 2019 14:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 76777

Ion	Ratio	Lower	Upper
240	100		
120	13.8	8.4	12.6#
236	25.7	20.0	30.0

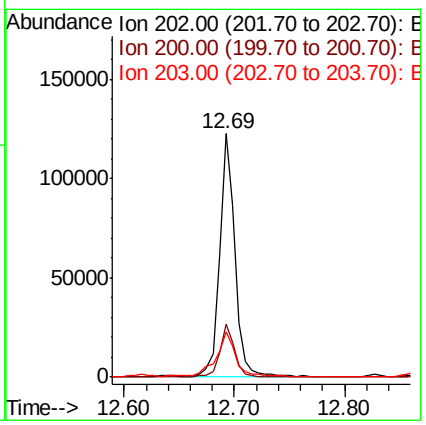


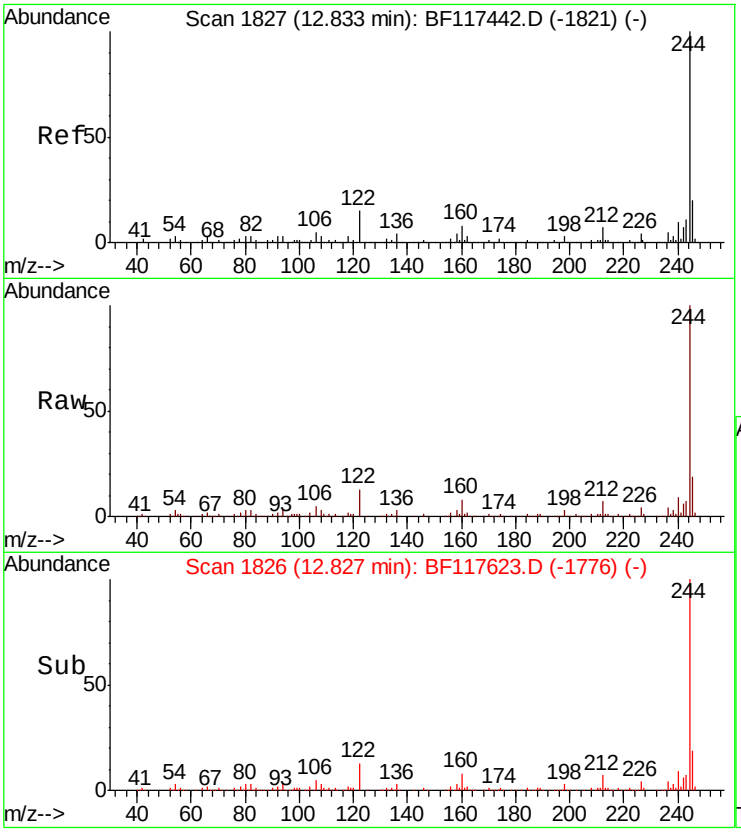


#78
Pyrene
Concen: 18.118 ng
RT: 12.69 min Scan# 1803
Delta R.T. 0.00 min
Lab File: BF117623.D
Acq: 30 Oct 2019 14:39

Tgt Ion:202 Resp: 119485

Ion	Ratio	Lower	Upper
202	100		
200	21.8	16.2	24.2
203	18.6	14.0	21.0



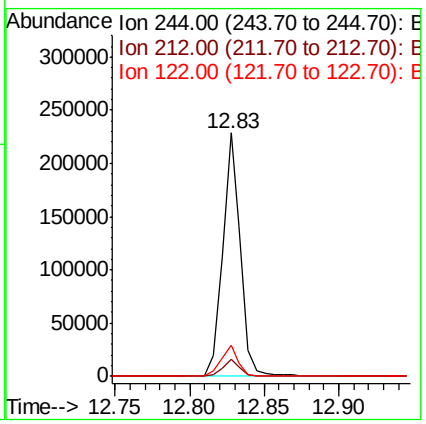


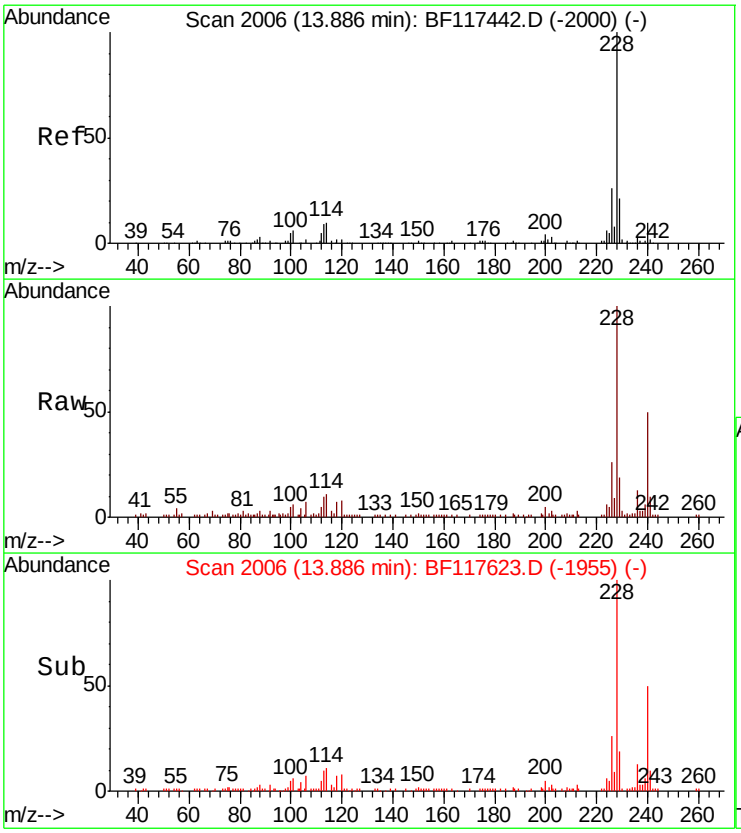
#79
Terphenyl-d14
Concen: 40.644 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF117623.D
Acq: 30 Oct 2019 14:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 191310

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.6
122	12.6	11.8	17.8

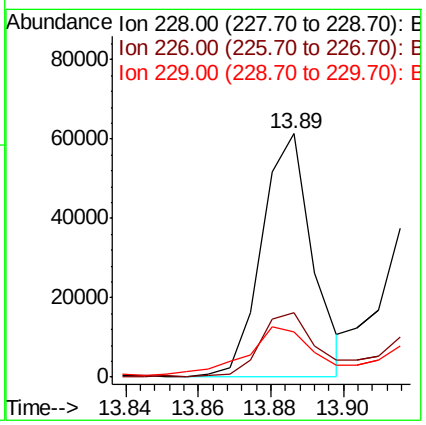


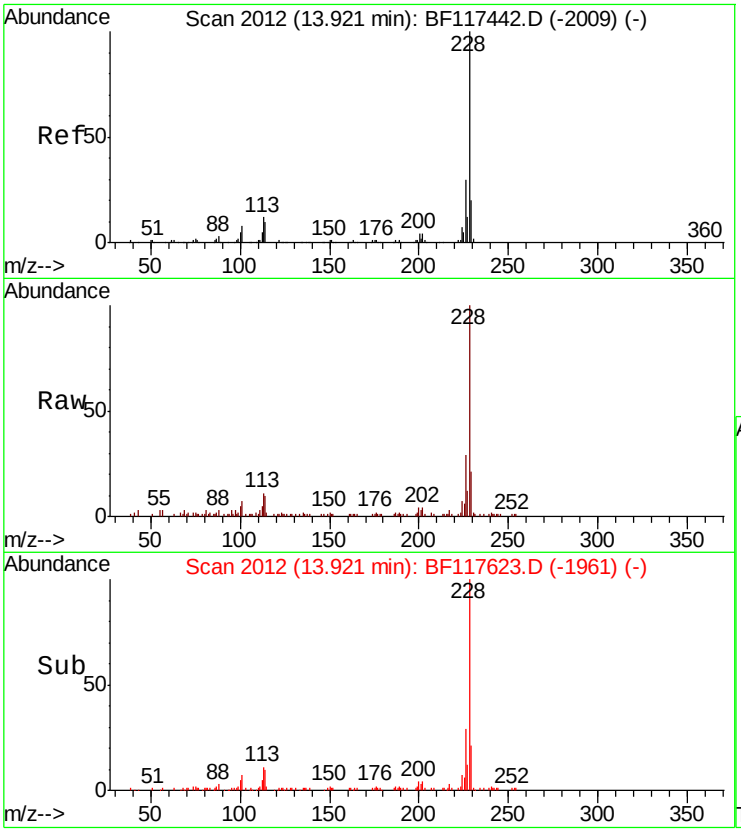


#81
Benzo(a)anthracene
Concen: 11.550 ng
RT: 13.89 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BF117623.D
Acq: 30 Oct 2019 14:39

Tgt Ion:228 Resp: 59818

Ion	Ratio	Lower	Upper
228	100		
226	26.4	21.0	31.4
229	18.6	16.4	24.6



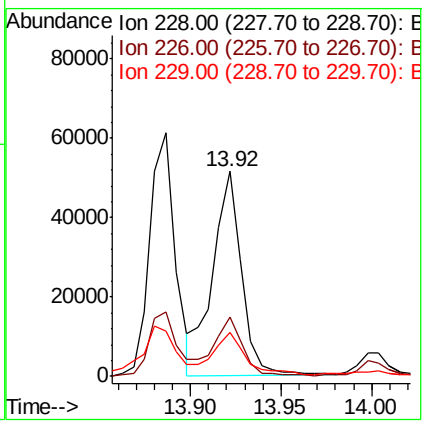


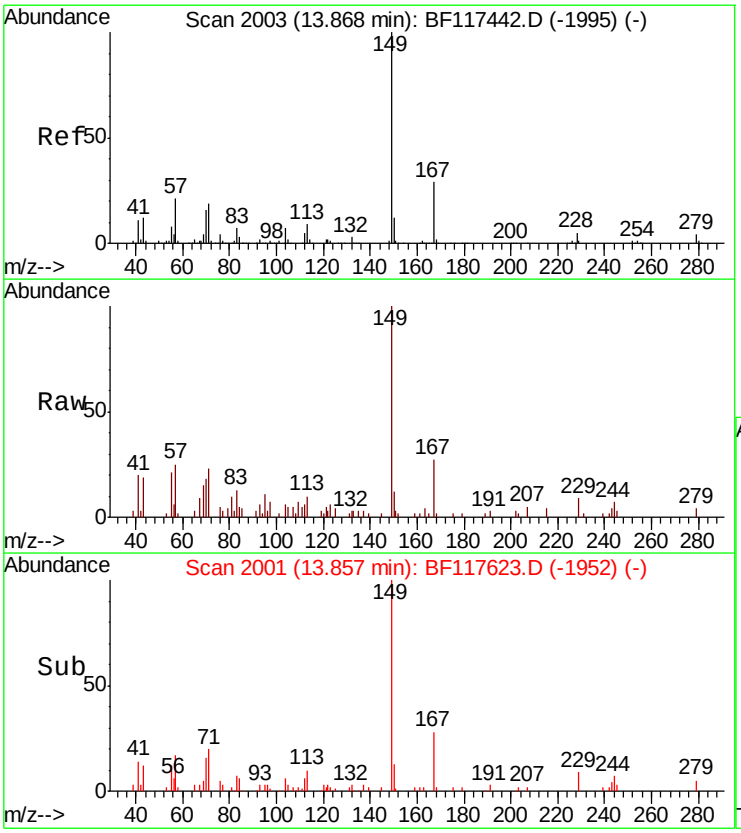
#83
Chrysene
Concen: 11.176 ng
RT: 13.92 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BF117623.D
Acq: 30 Oct 2019 14:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 56725

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.9	35.9
229	21.2	15.8	23.6

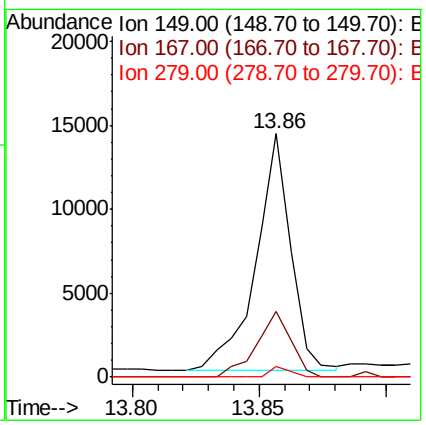


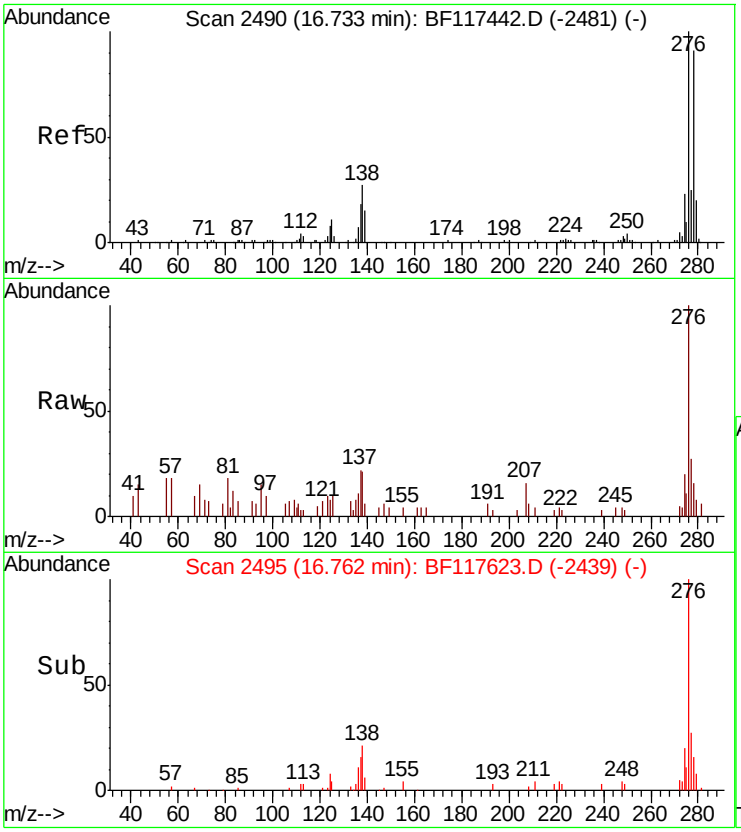


#84
Bis(2-ethylhexyl)phthalate
Concen: 2.940 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF117623.D
Acq: 30 Oct 2019 14:39

Tgt Ion:149 Resp: 13514

Ion	Ratio	Lower	Upper
149	100		
167	26.9	23.3	34.9
279	4.4	3.2	4.8



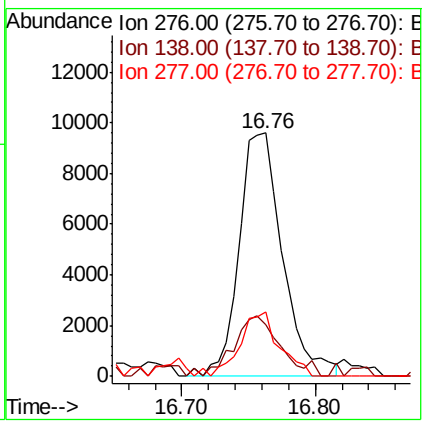


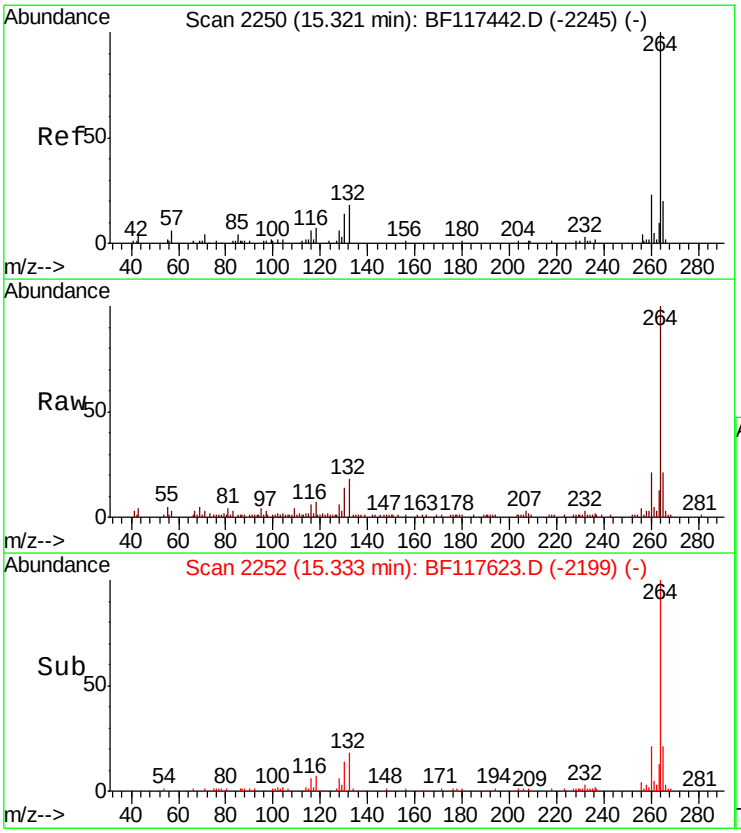
#86
Indeno(1,2,3-cd)pyrene
Concen: 5.719 ng
RT: 16.76 min Scan# 2495
Delta R.T. 0.03 min
Lab File: BF117623.D
Acq: 30 Oct 2019 14:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 21671

Ion	Ratio	Lower	Upper
276	100		
138	26.1	21.8	32.8
277	24.0	20.0	30.0

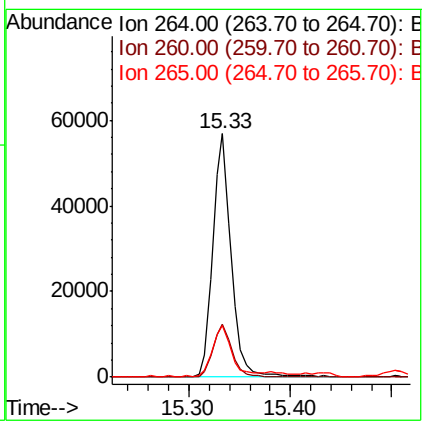


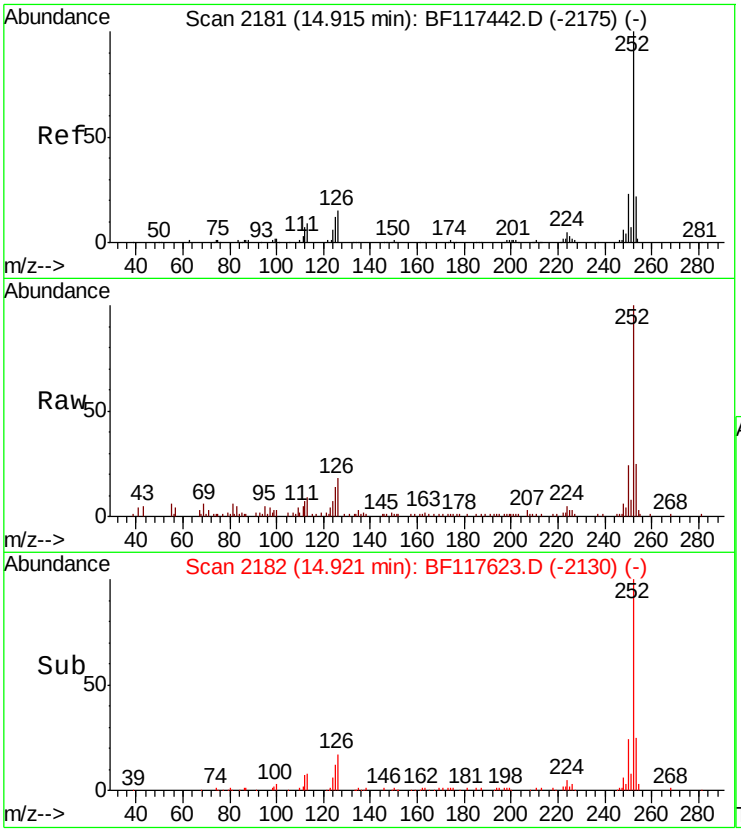


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.01 min
Lab File: BF117623.D
Acq: 30 Oct 2019 14:39

Tgt Ion:264 Resp: 71335

Ion	Ratio	Lower	Upper
264	100		
260	21.5	18.4	27.6
265	21.2	16.1	24.1



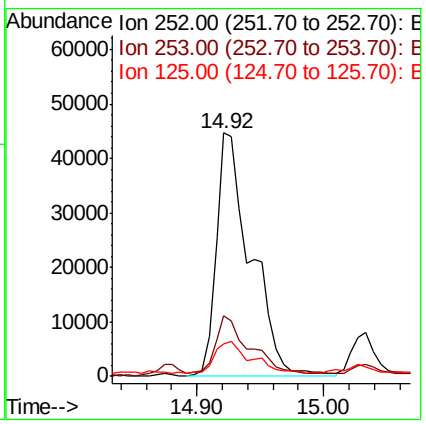


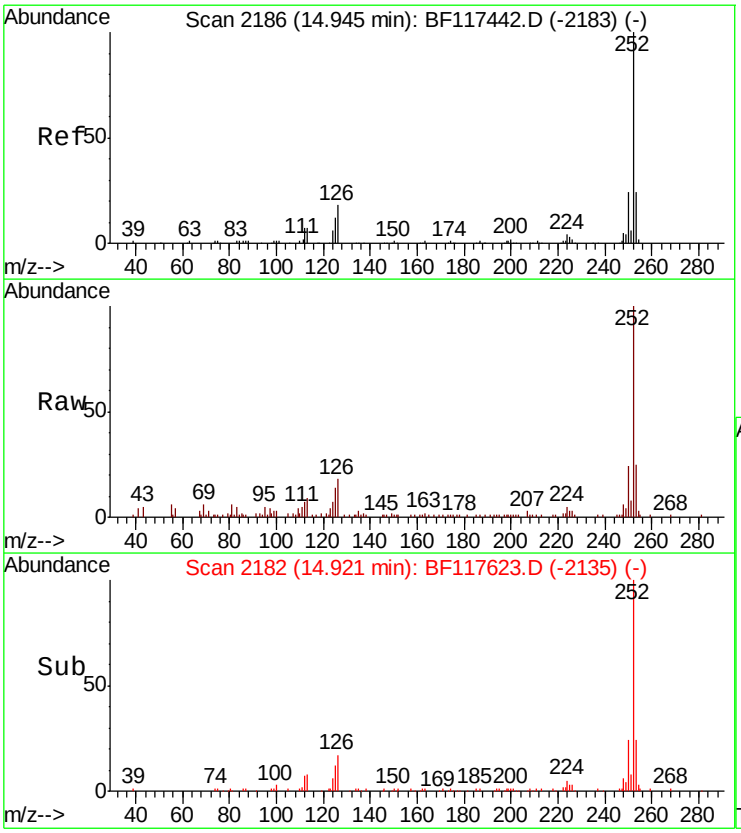
#88
Benzo(b)fluoranthene
Concen: 20.177 ng
RT: 14.92 min Scan# 2182
Delta R.T. 0.01 min
Lab File: BF117623.D
Acq: 30 Oct 2019 14:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 84996

Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.8	26.6
125	13.6	9.9	14.9

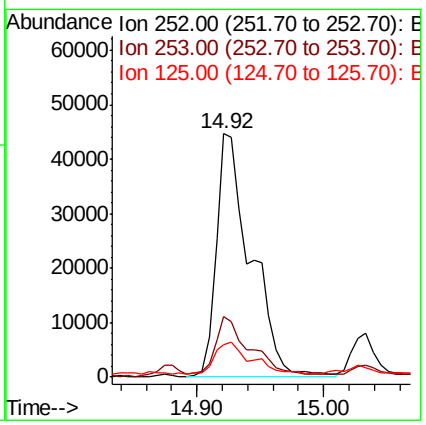


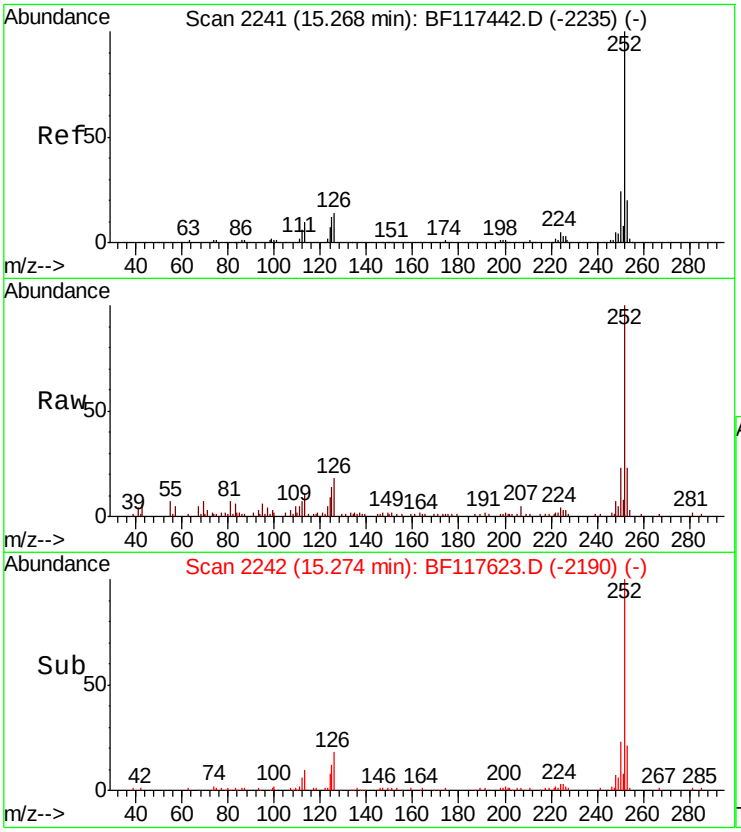


#89
Benzo(k)fluoranthene
Concen: 19.687 ng
RT: 14.92 min Scan# 2182
Delta R.T. -0.02 min
Lab File: BF117623.D
Acq: 30 Oct 2019 14:39

Tgt Ion:252 Resp: 84996

Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.0	27.0
125	13.6	8.9	13.3#



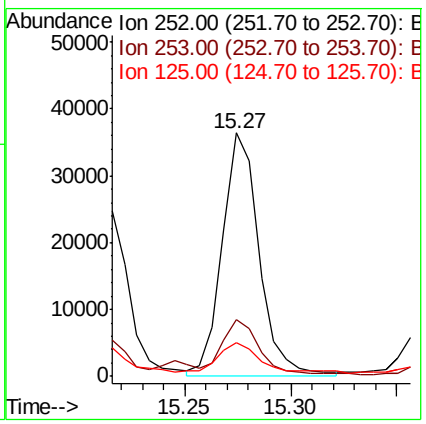


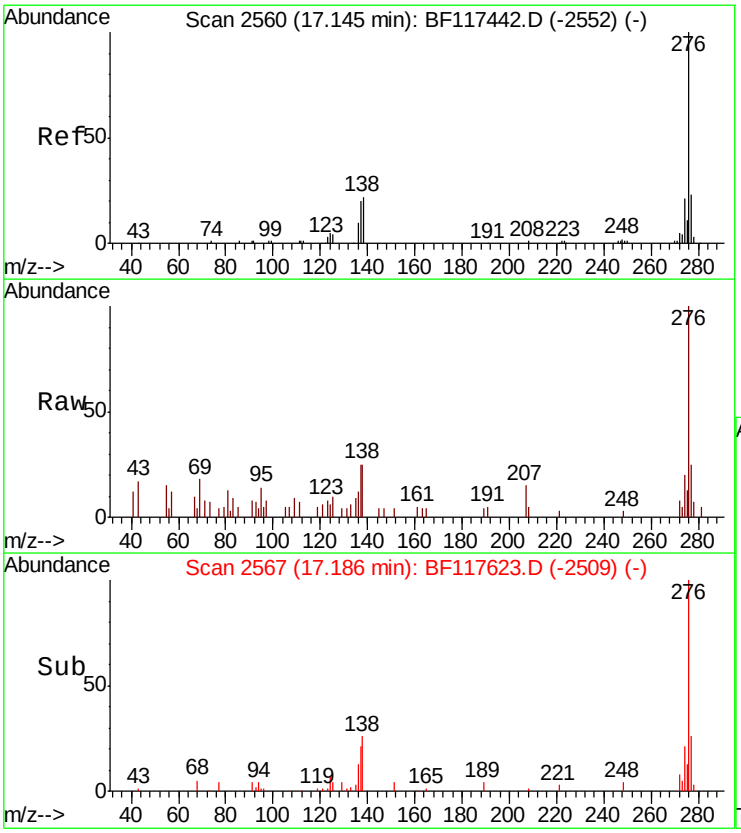
#90
Benzo(a)pyrene
Concen: 11.531 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.01 min
Lab File: BF117623.D
Acq: 30 Oct 2019 14:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 44164

Ion	Ratio	Lower	Upper
252	100		
253	23.5	16.3	24.5
125	13.9	9.2	13.8#





#92
Benzo(g,h,i)perylene
Concen: 6.169 ng
RT: 17.19 min Scan# 2567
Delta R.T. 0.04 min
Lab File: BF117623.D
Acq: 30 Oct 2019 14:39

Tgt Ion:276 Resp: 19331

Ion	Ratio	Lower	Upper
276	100		
277	25.0	18.4	27.6
138	25.1	17.8	26.6