Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF110719\
Data File : BF117727.D
Acq On : 8 Nov 2019 1:22
Operator : JU
Sample : K5722-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 5-B

Quant Time: Nov 08 02:54:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 06 17:27:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	304707	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	1184507	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	592363	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	993722	20.00	ng	0.00
76) Chrysene-d12	14.12	240	711357	20.00	ng	0.00
87) Perylene-d12	15.63	264	889139	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	232012	13.78	ng	-0.01
7) Phenol-d6	6.54	99	349141	16.82	ng	-0.02
23) Nitrobenzene-d5	7.49	82	195753	9.76	ng	-0.02
42) 2,4,6-Tribromophenol	10.77	330	15725	2.71	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	420338	14.00	ng	0.00
79) Terphenyl-d14	13.06	244	388657	11.25	ng	-0.01
Target Compounds						Qvalue
25) Isophorone	7.49	82	195378	5.092	ng	# 62
51) 2,6-Dinitrotoluene	9.98	165	78490	8.753	ng	# 24
57) 2,4-Dinitrotoluene	9.98	165	78490	6.823	ng	# 28
71) Phenanthrene	11.50	178	558754	11.731	ng	94
72) Anthracene	11.55	178	95193	2.009	ng	95
75) Fluoranthene	12.69	202	378636	7.785	ng	96
78) Pyrene	12.92	202	389270	7.496	ng	95
81) Benzo(a)anthracene	14.11	228	126994	2.868	ng	99
83) Chrysene	14.14	228	129166	2.954	ng	95
84) Bis(2-ethylhexyl)phthalate	14.10	149	188412	6.090	ng	# 95
88) Benzo(b)fluoranthene	15.18	252	205498	3.670	ng	99
89) Benzo(k)fluoranthene	15.18	252	205498	4.114	ng	99
90) Benzo(a)pyrene	15.56	252	117542	2.421	ng	99

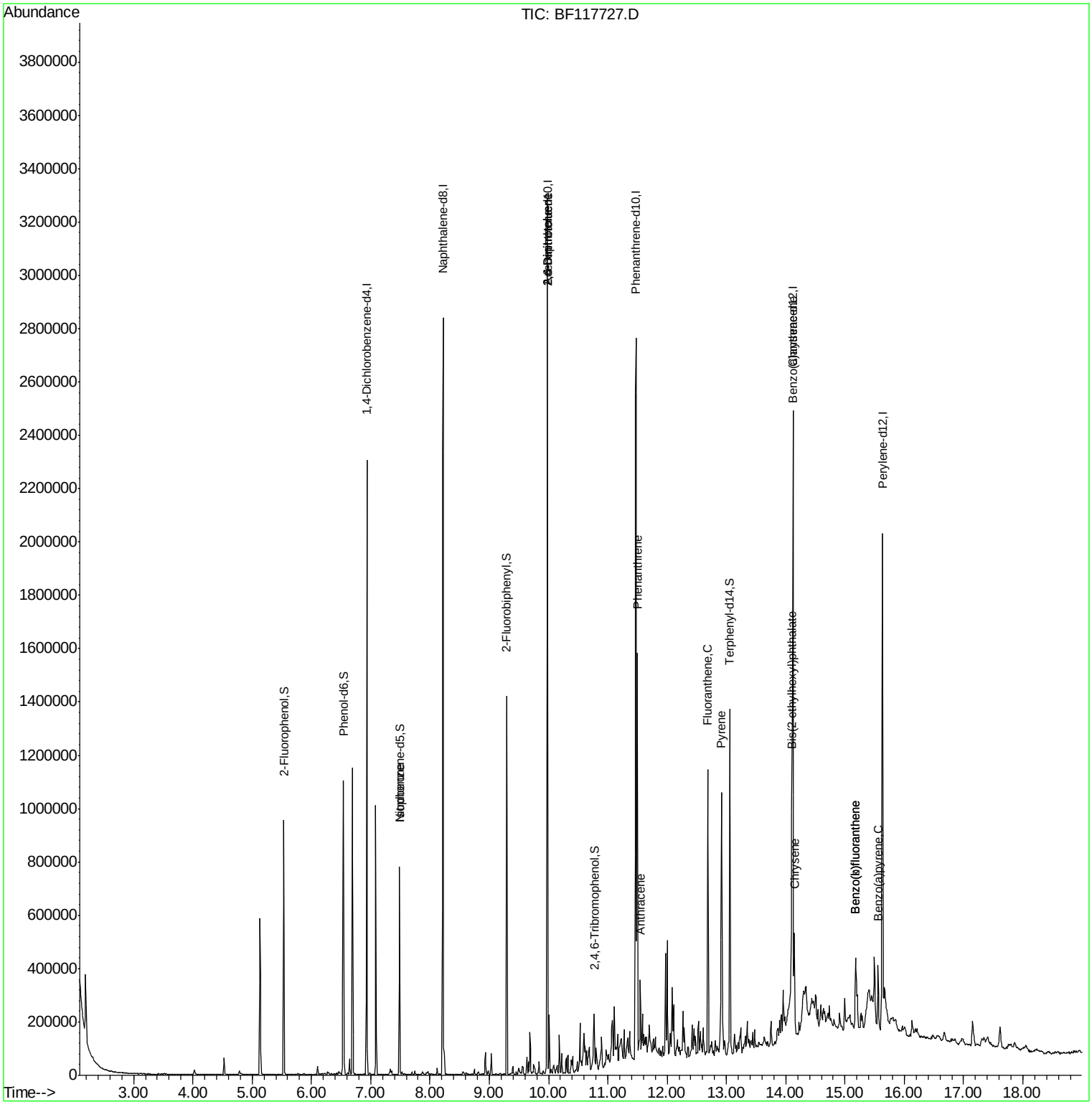
(#) = qualifier out of range (m) = manual integration (+) = signals summed

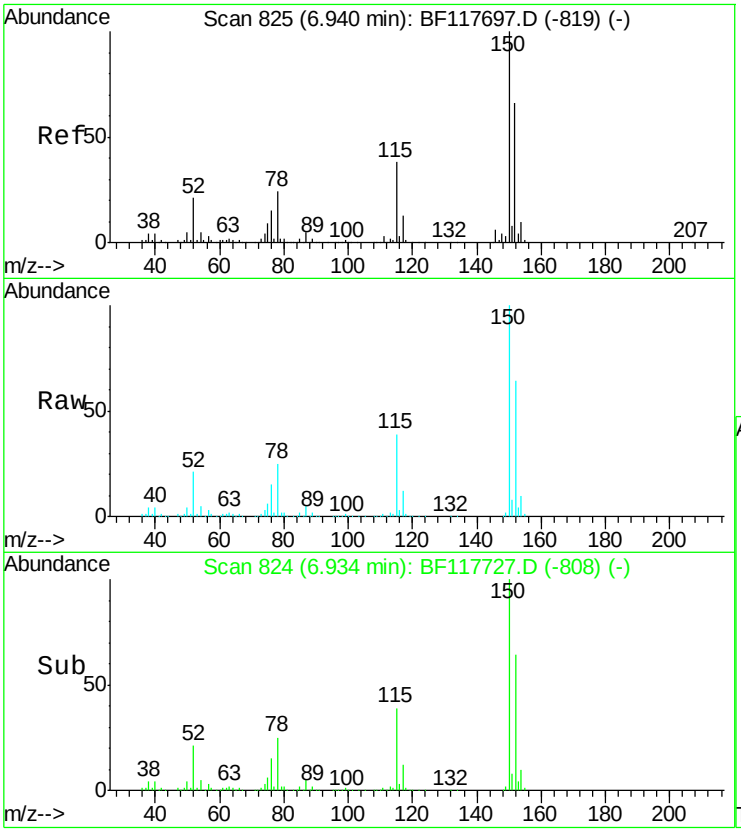
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF110719\
Data File : BF117727.D
Acq On : 8 Nov 2019 1:22
Operator : JU
Sample : K5722-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 5-B

Quant Time: Nov 08 02:54:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 06 17:27:10 2019
Response via : Initial Calibration



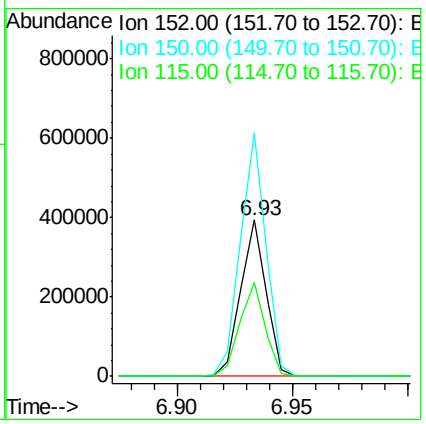


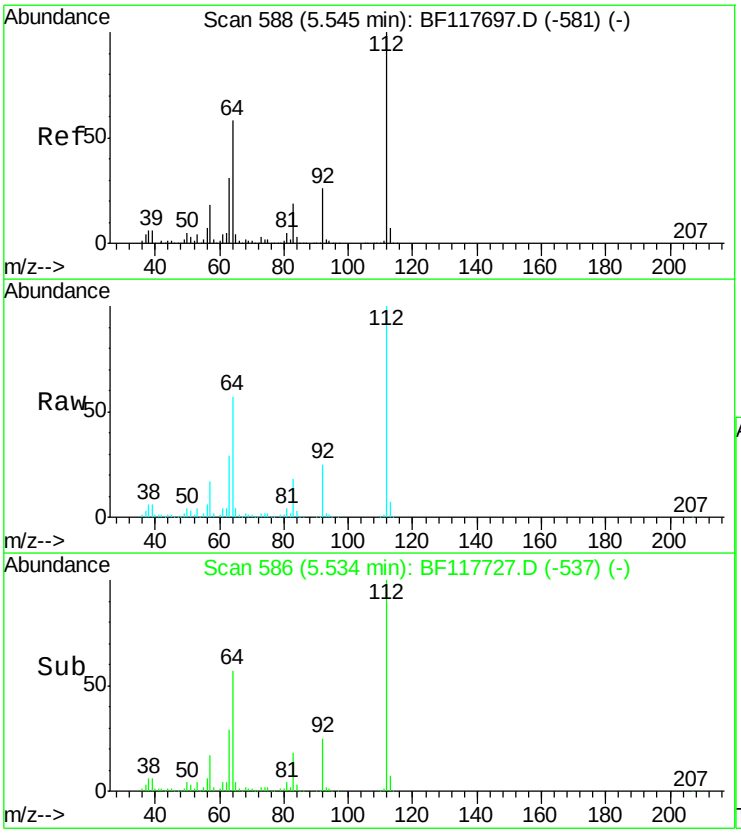
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BF117727.D
Acq: 8 Nov 2019 1:22

Instrument :
BNA_F
ClientSampleId :
5-B

Tgt Ion:152 Resp: 304707

Ion	Ratio	Lower	Upper
152	100		
150	155.6	121.4	182.2
115	60.4	46.7	70.1

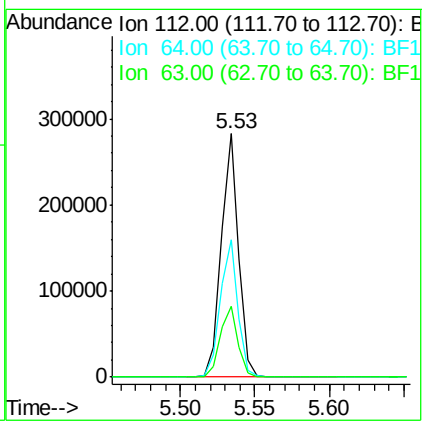


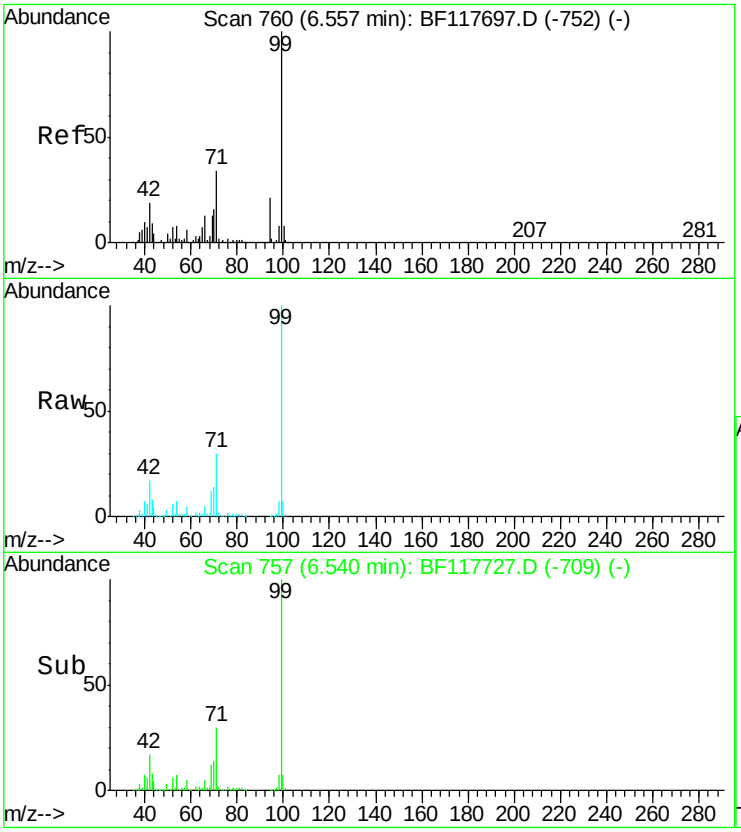


#5
2-Fluorophenol
Concen: 13.783 ng
RT: 5.53 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF117727.D
Acq: 8 Nov 2019 1:22

Tgt Ion:112 Resp: 232012

Ion	Ratio	Lower	Upper
112	100		
64	56.6	46.4	69.6
63	29.3	24.6	37.0



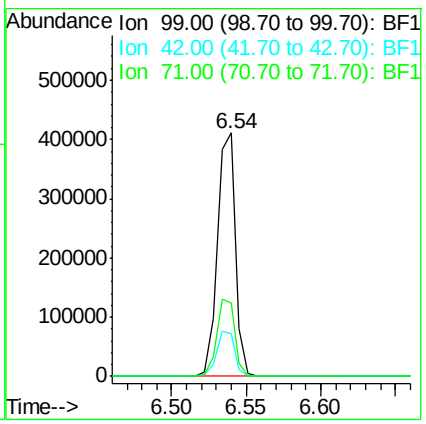


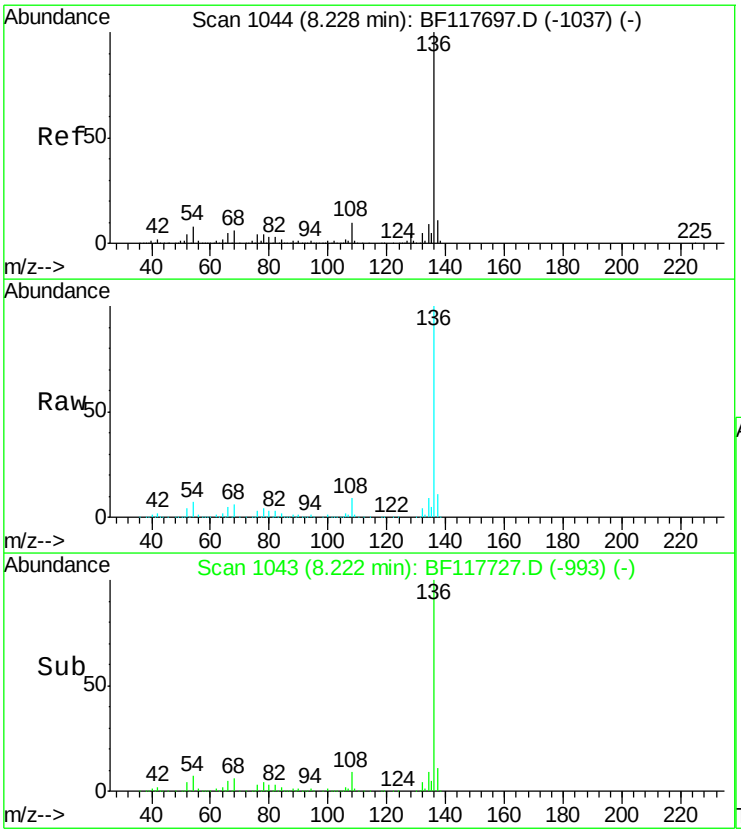
#7
Phenol-d6
Concen: 16.821 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.02 min
Lab File: BF117727.D
Acq: 8 Nov 2019 1:22

Instrument :
BNA_F
ClientSampleId :
5-B

Tgt Ion: 99 Resp: 349141

Ion	Ratio	Lower	Upper
99	100		
42	17.5	15.3	22.9
71	30.3	26.8	40.2

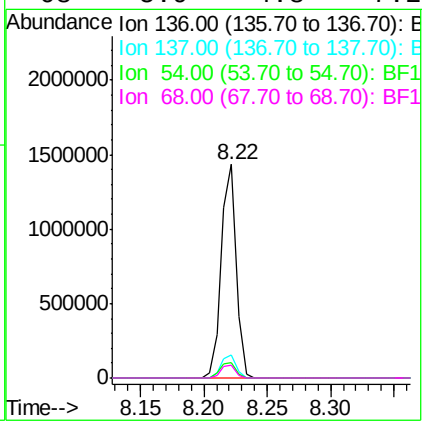


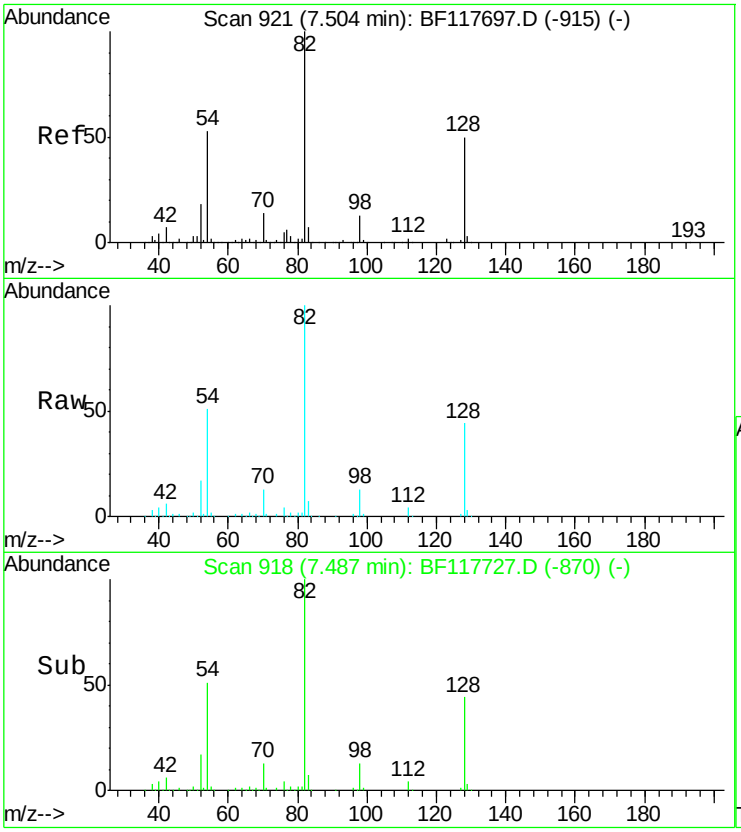


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF117727.D
Acq: 8 Nov 2019 1:22

Tgt Ion:136 Resp: 1184507

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.3	6.0	9.0
68	5.9	4.8	7.2



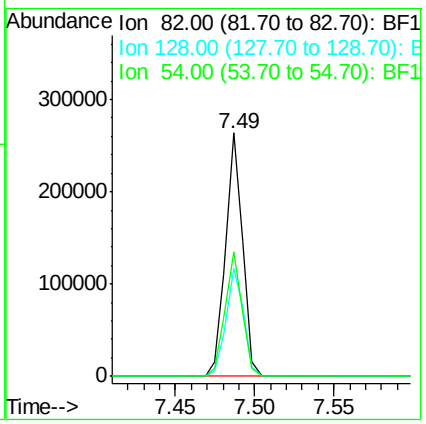


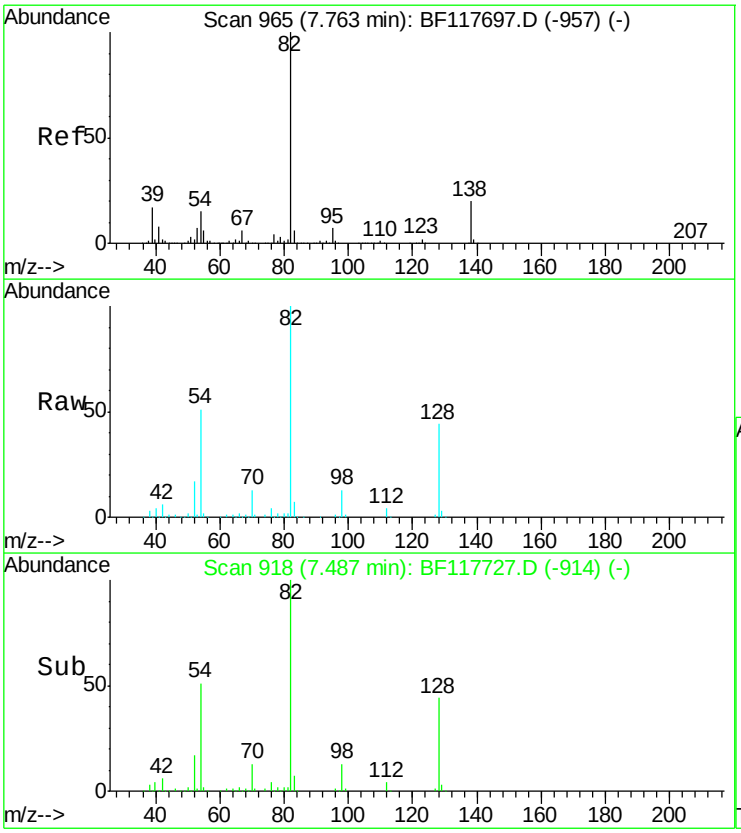
#23
Nitrobenzene-d5
Concen: 9.757 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.02 min
Lab File: BF117727.D
Acq: 8 Nov 2019 1:22

Instrument :
BNA_F
ClientSampleId :
5-B

Tgt Ion: 82 Resp: 195753

Ion	Ratio	Lower	Upper
82	100		
128	44.3	40.2	60.2
54	51.0	42.0	63.0

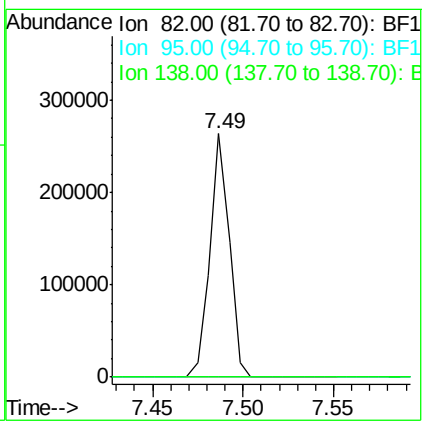


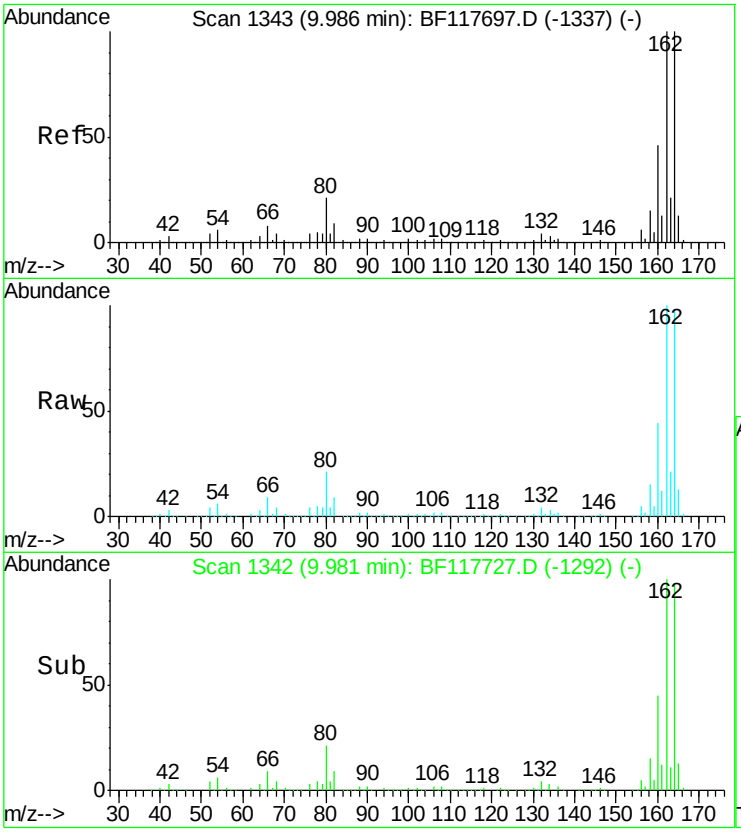


#25
Isophorone
Concen: 5.092 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.28 min
Lab File: BF117727.D
Acq: 8 Nov 2019 1:22

Tgt Ion: 82 Resp: 195378

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	16.2	24.2#



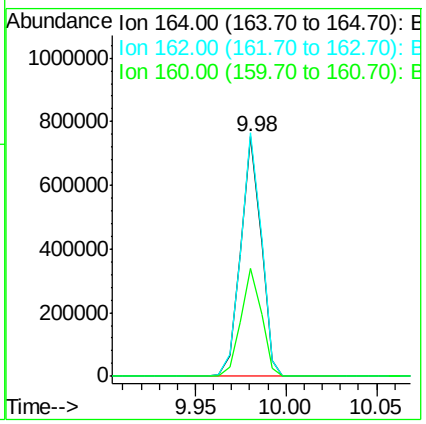


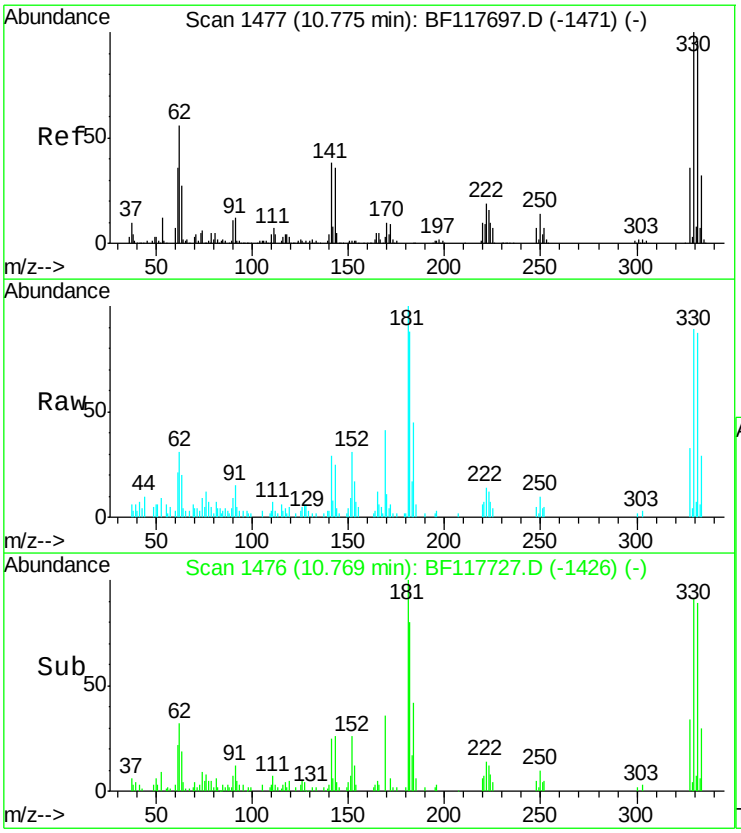
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF117727.D
Acq: 8 Nov 2019 1:22

Instrument :
BNA_F
ClientSampleId :
5-B

Tgt Ion:164 Resp: 592363

Ion	Ratio	Lower	Upper
164	100		
162	101.7	79.7	119.5
160	45.2	36.5	54.7

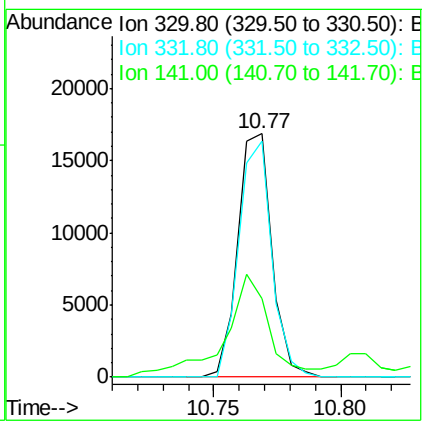


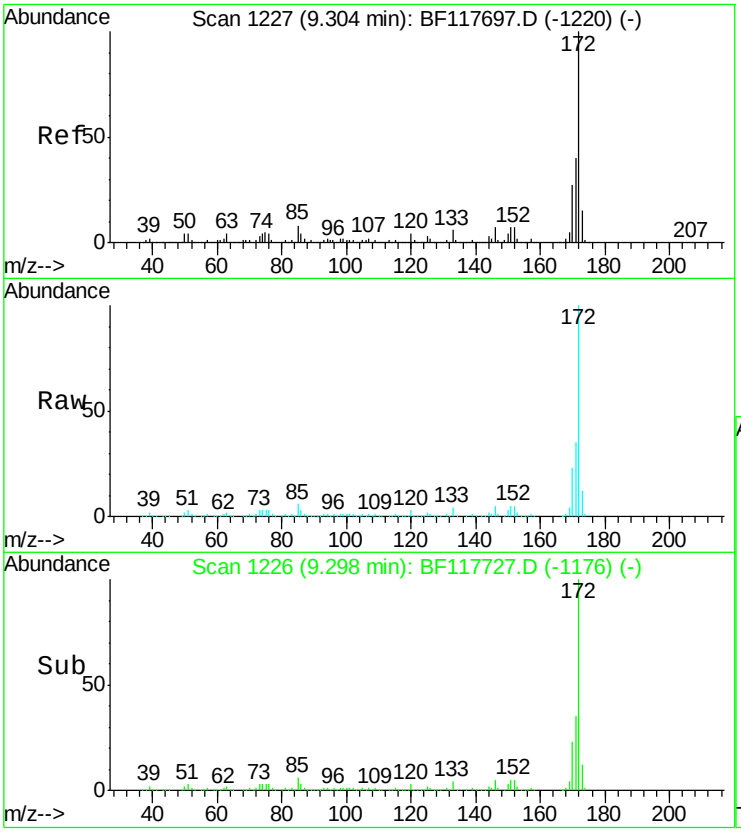


#42
2,4,6-Tribromophenol
Concen: 2.714 ng
RT: 10.77 min Scan# 1476
Delta R.T. -0.01 min
Lab File: BF117727.D
Acq: 8 Nov 2019 1:22

Tgt Ion:330 Resp: 15725

Ion	Ratio	Lower	Upper
330	100		
332	94.2	77.4	116.0
141	56.1	28.0	42.0#



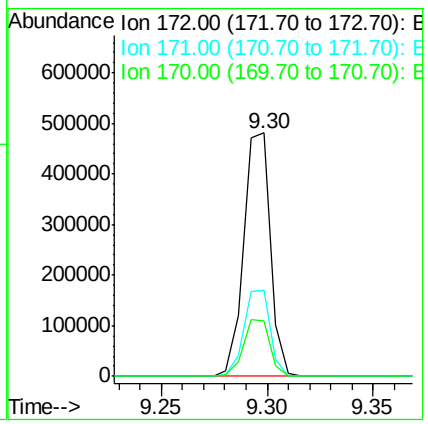


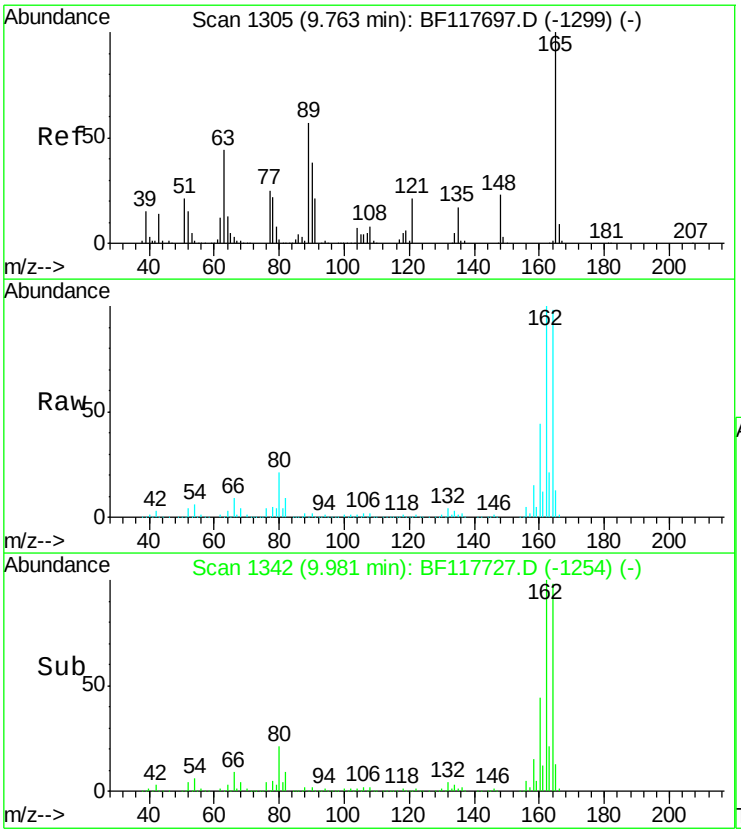
#45
2-Fluorobiphenyl
Concen: 14.000 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF117727.D
Acq: 8 Nov 2019 1:22

Instrument :
BNA_F
ClientSampleId :
5-B

Tgt Ion:172 Resp: 420338

Ion	Ratio	Lower	Upper
172	100		
171	35.4	31.8	47.8
170	22.9	21.6	32.4

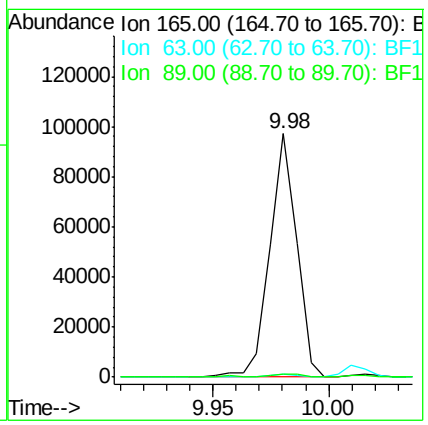


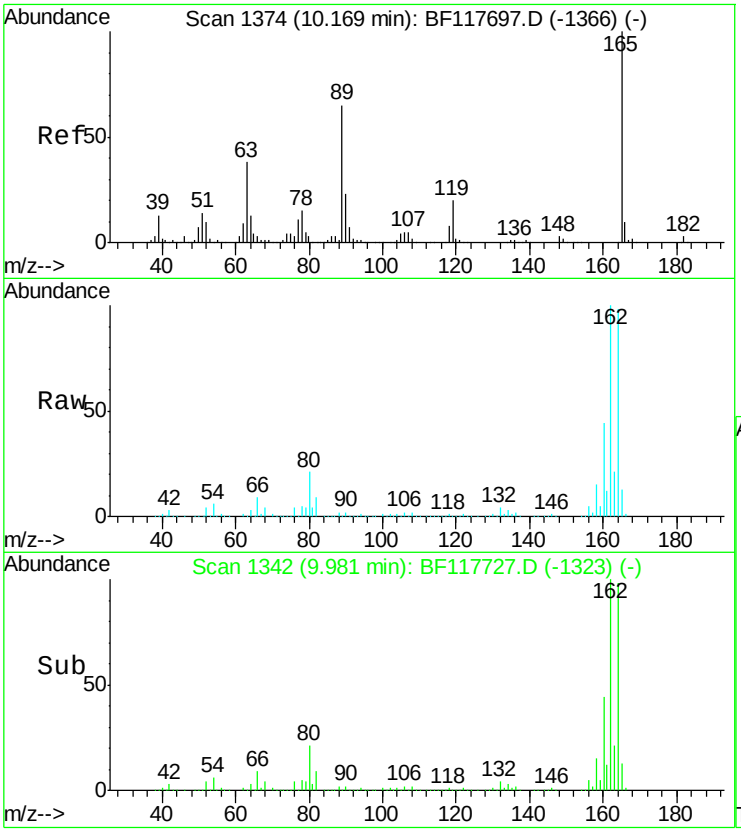


#51
2,6-Dinitrotoluene
Concen: 8.753 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.22 min
Lab File: BF117727.D
Acq: 8 Nov 2019 1:22

Tgt Ion:165 Resp: 78490

Ion	Ratio	Lower	Upper
165	100		
63	1.2	45.6	68.4#
89	1.4	45.8	68.6#



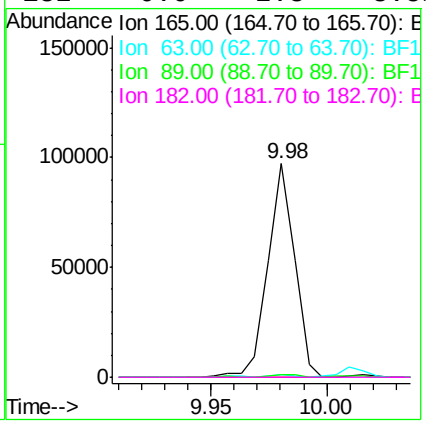


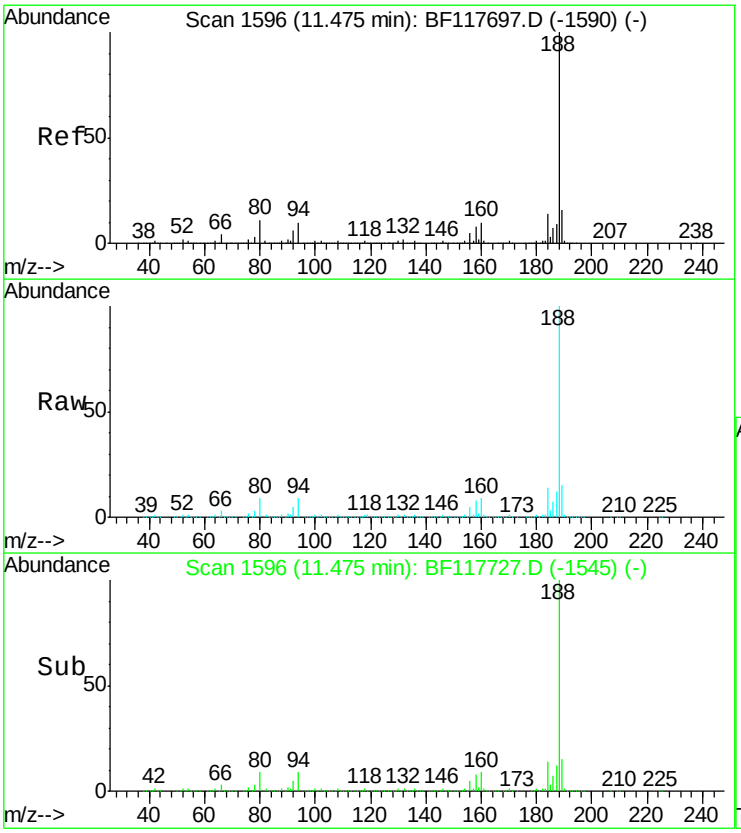
#57
2,4-Dinitrotoluene
Concen: 6.823 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.19 min
Lab File: BF117727.D
Acq: 8 Nov 2019 1:22

Instrument :
BNA_F
ClientSampleId :
5-B

Tgt Ion:165 Resp: 78490

Ion	Ratio	Lower	Upper
165	100		
63	1.2	30.4	45.6#
89	1.4	52.2	78.4#
182	0.0	2.3	3.5#

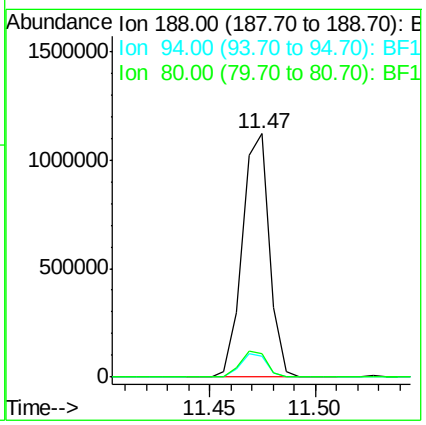


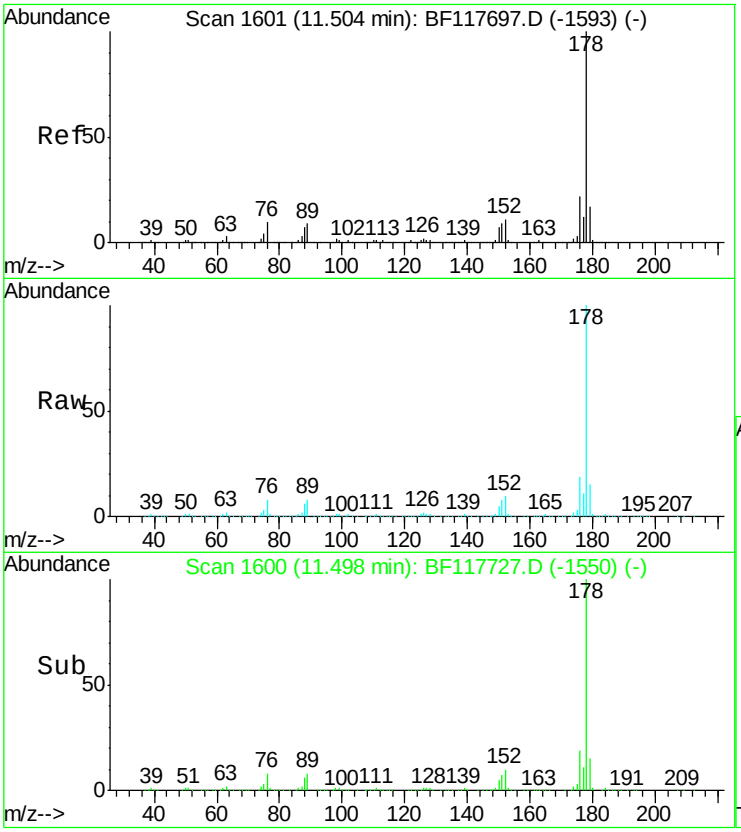


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1596
Delta R.T. 0.00 min
Lab File: BF117727.D
Acq: 8 Nov 2019 1:22

Tgt Ion:188 Resp: 993722

Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.2	12.4
80	9.4	8.6	13.0



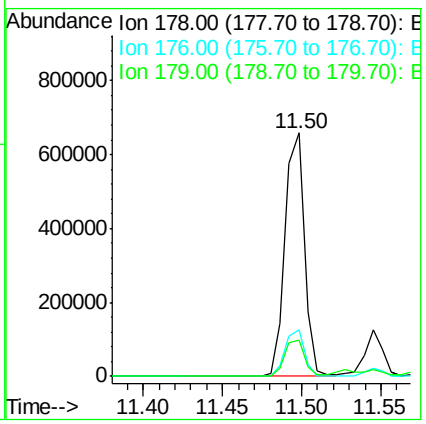


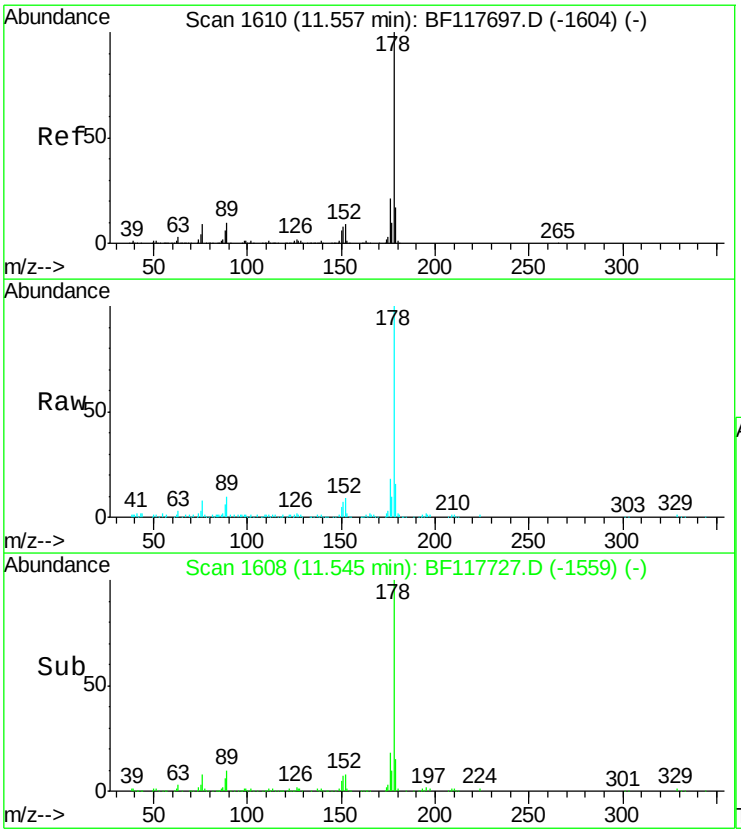
#71
Phenanthrene
Concen: 11.731 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.01 min
Lab File: BF117727.D
Acq: 8 Nov 2019 1:22

Instrument :
BNA_F
ClientSampleId :
5-B

Tgt Ion:178 Resp: 558754

Ion	Ratio	Lower	Upper
178	100		
176	19.2	17.7	26.5
179	15.1	13.8	20.8

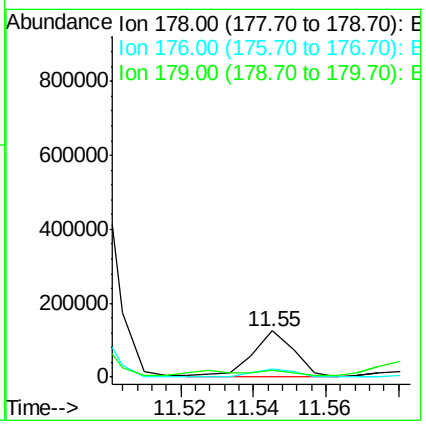


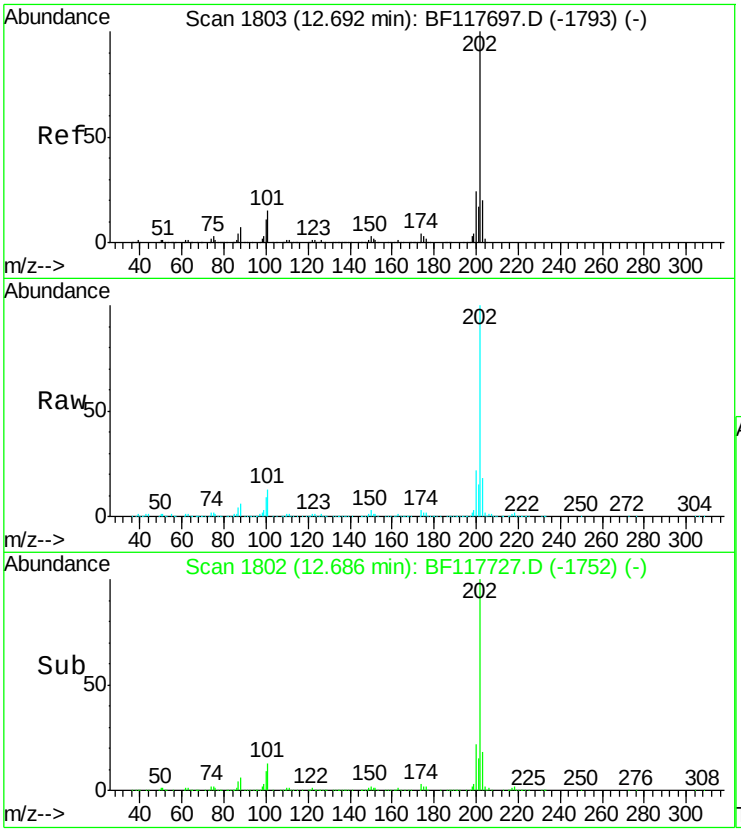


#72
Anthracene
Concen: 2.009 ng
RT: 11.55 min Scan# 1608
Delta R.T. -0.01 min
Lab File: BF117727.D
Acq: 8 Nov 2019 1:22

Tgt Ion:178 Resp: 95193

Ion	Ratio	Lower	Upper
178	100		
176	17.5	16.6	25.0
179	15.8	13.5	20.3



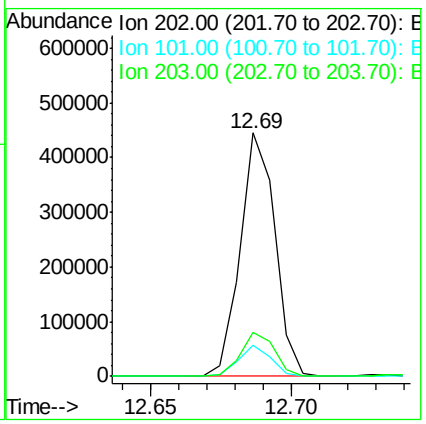


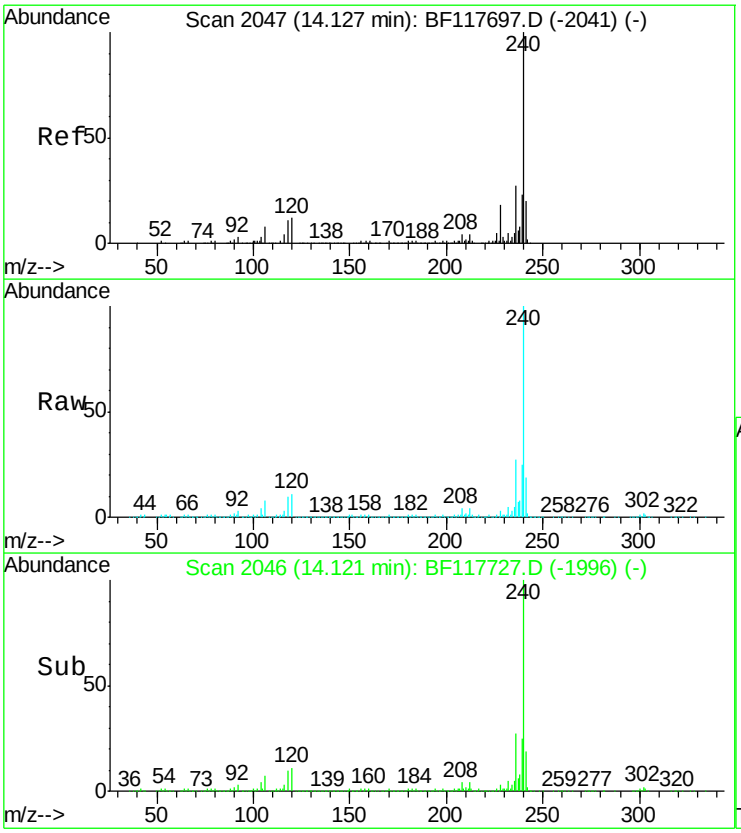
#75
Fluoranthene
Concen: 7.785 ng
RT: 12.69 min Scan# 1802
Delta R.T. -0.01 min
Lab File: BF117727.D
Acq: 8 Nov 2019 1:22

Instrument :
BNA_F
ClientSampleId :
5-B

Tgt Ion:202 Resp: 378636

Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	34.5
203	18.2	0.0	39.8

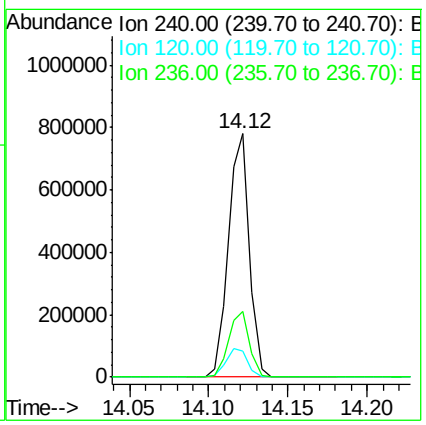


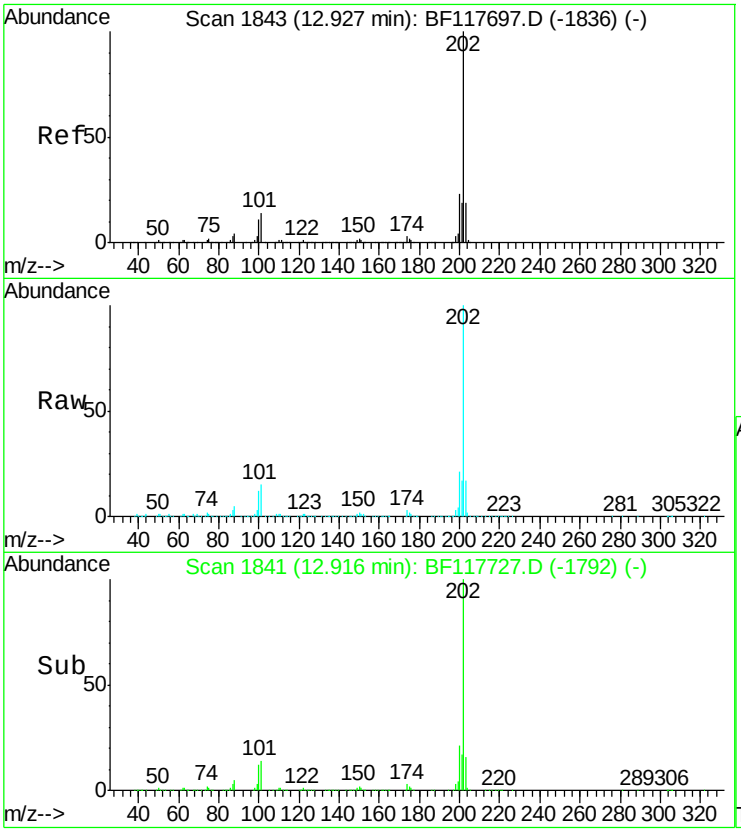


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.12 min Scan# 2046
Delta R.T. -0.01 min
Lab File: BF117727.D
Acq: 8 Nov 2019 1:22

Tgt Ion:240 Resp: 711357

Ion	Ratio	Lower	Upper
240	100		
120	10.8	9.7	14.5
236	27.1	21.9	32.9



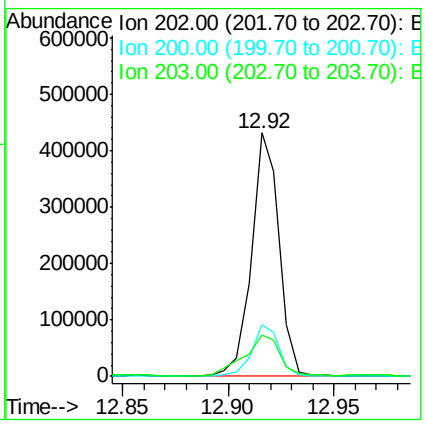


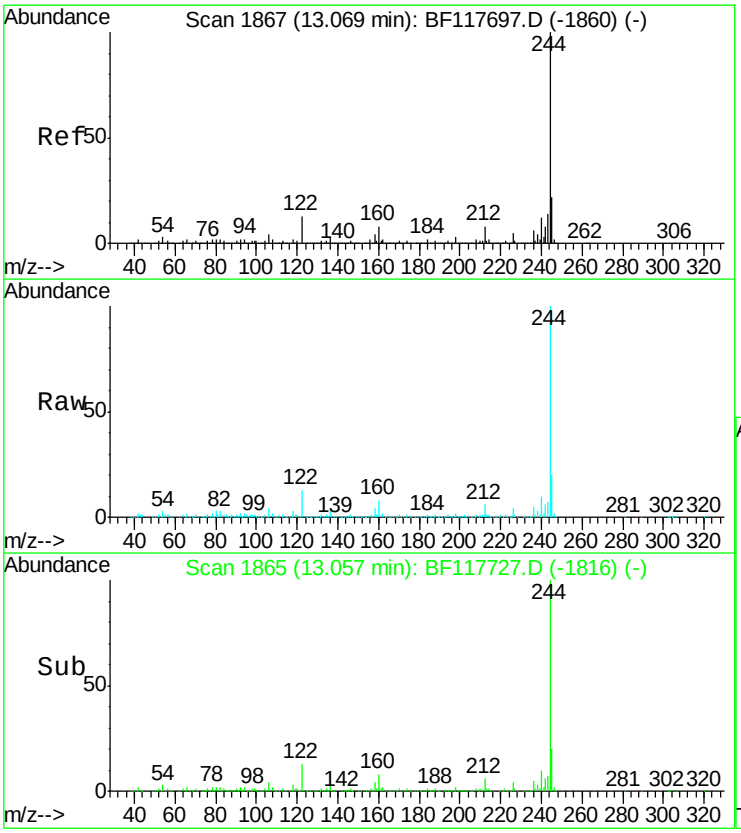
#78
Pyrene
Concen: 7.496 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BF117727.D
Acq: 8 Nov 2019 1:22

Instrument :
BNA_F
ClientSampleId :
5-B

Tgt Ion:202 Resp: 389270

Ion	Ratio	Lower	Upper
202	100		
200	21.0	18.8	28.2
203	17.0	15.2	22.8

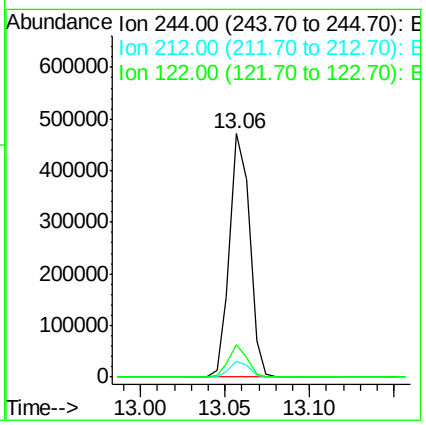


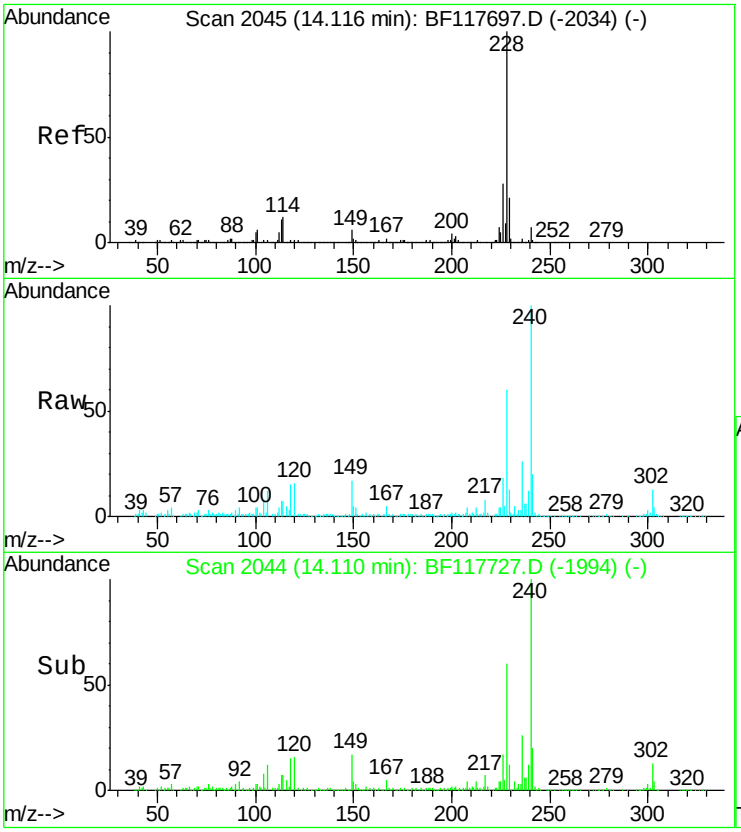


#79
Terphenyl-d14
Concen: 11.247 ng
RT: 13.06 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BF117727.D
Acq: 8 Nov 2019 1:22

Tgt Ion:244 Resp: 388657

Ion	Ratio	Lower	Upper
244	100		
212	6.4	6.4	9.6
122	13.4	10.0	15.0



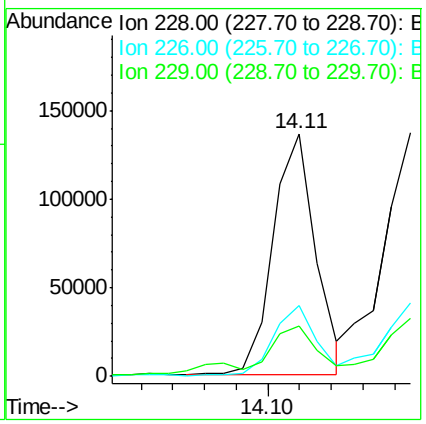


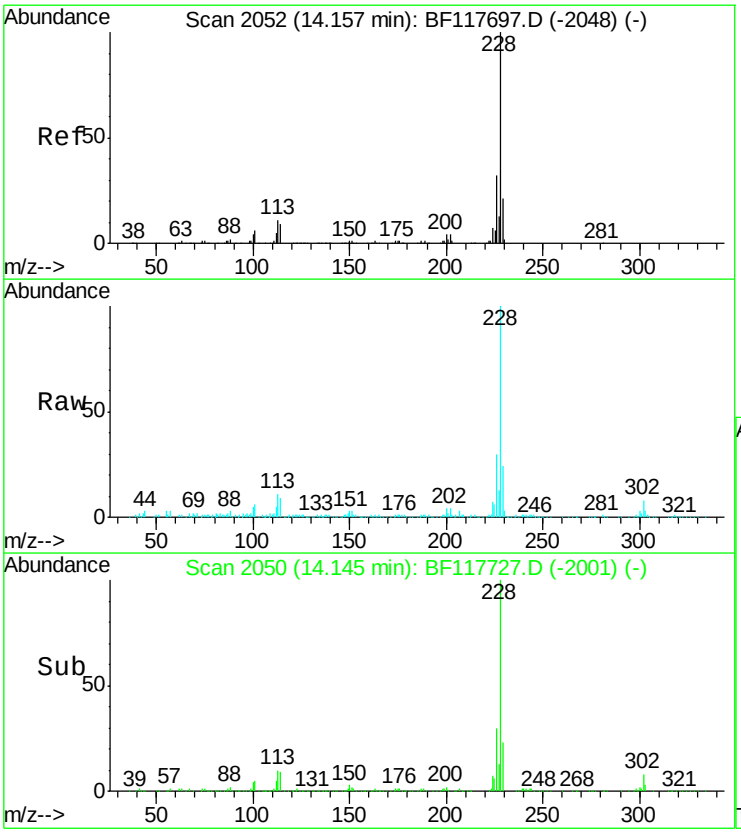
#81
Benzo(a)anthracene
Concen: 2.868 ng
RT: 14.11 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BF117727.D
Acq: 8 Nov 2019 1:22

Instrument :
BNA_F
ClientSampleId :
5-B

Tgt Ion:228 Resp: 126994

Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.8	34.2
229	21.0	16.9	25.3

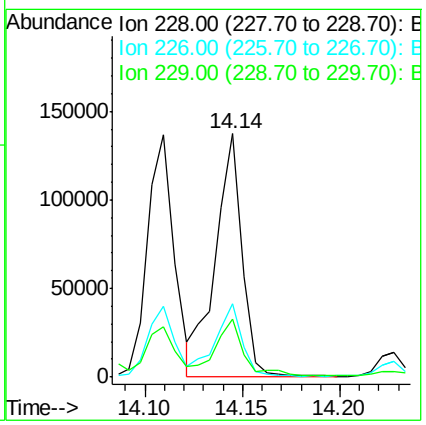


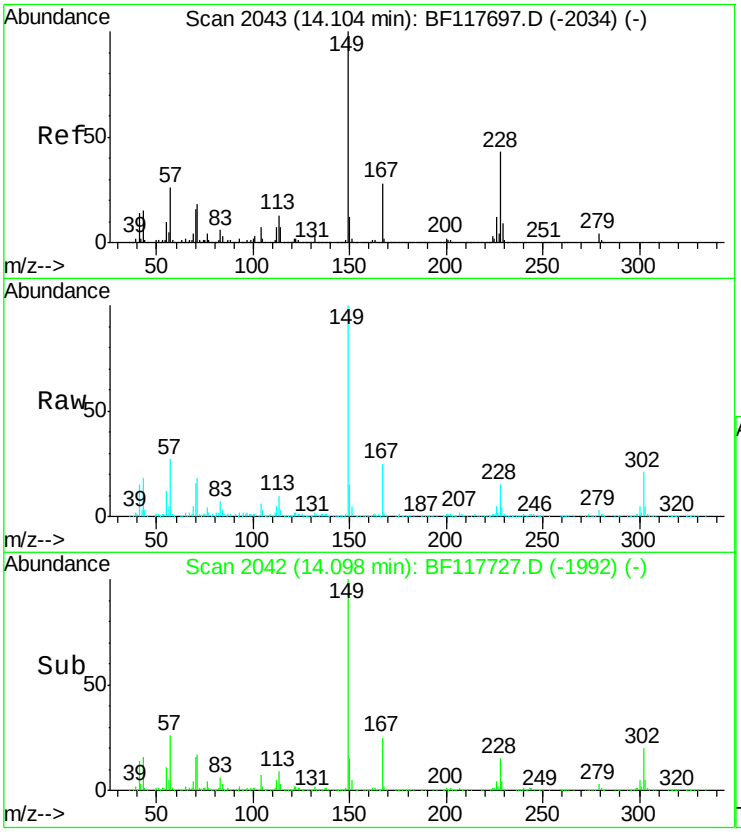


#83
Chrysene
Concen: 2.954 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BF117727.D
Acq: 8 Nov 2019 1:22

Tgt Ion:228 Resp: 129166

Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.4	38.2
229	23.8	16.6	24.8



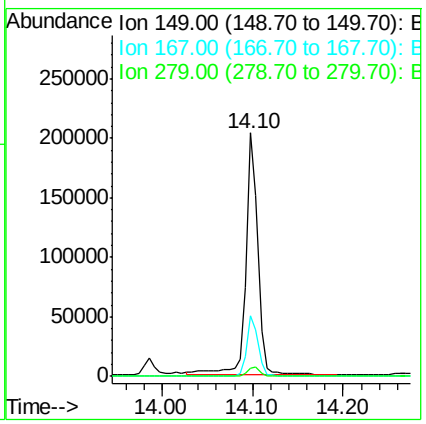


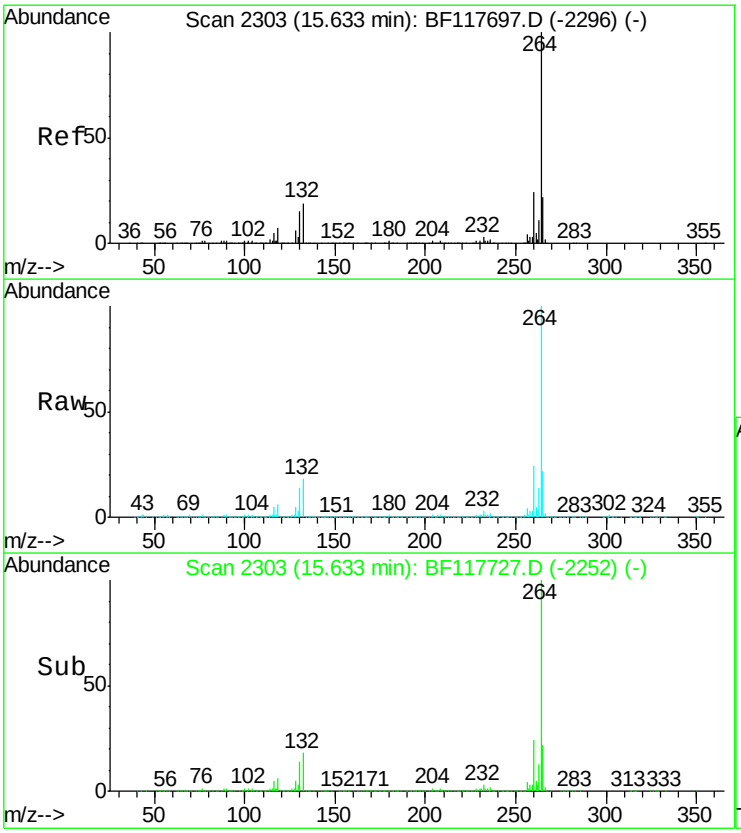
#84
Bis(2-ethylhexyl)phthalate
Concen: 6.090 ng
RT: 14.10 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BF117727.D
Acq: 8 Nov 2019 1:22

Instrument :
BNA_F
ClientSampleId :
5-B

Tgt Ion:149 Resp: 188412

Ion	Ratio	Lower	Upper
149	100		
167	24.7	22.2	33.2
279	3.3	3.4	5.2#

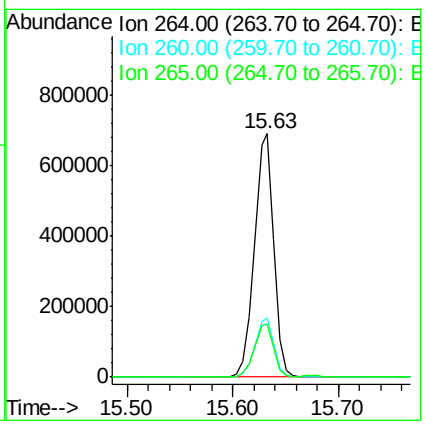


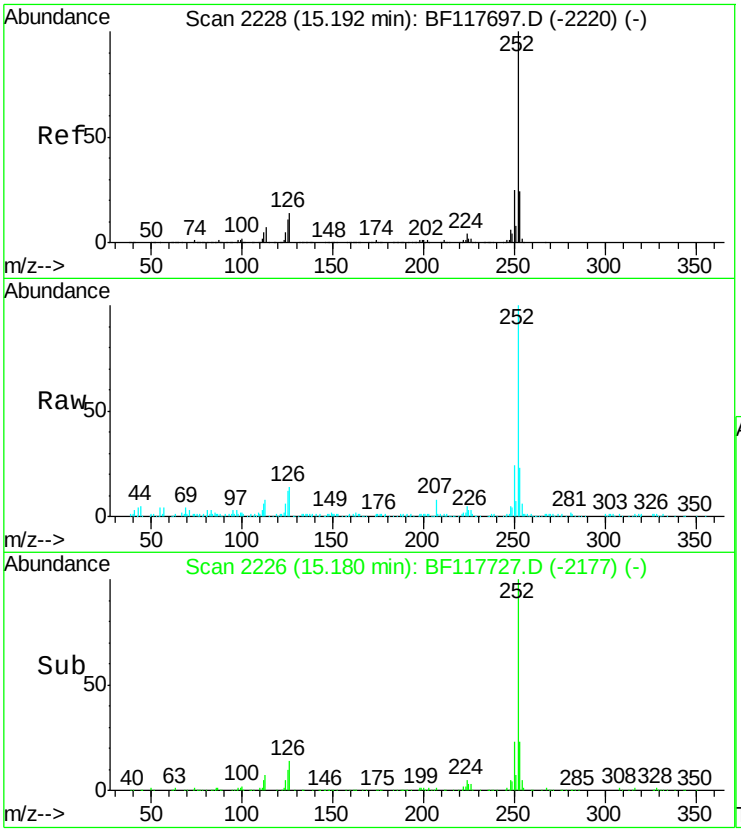


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.63 min Scan# 2303
Delta R.T. 0.00 min
Lab File: BF117727.D
Acq: 8 Nov 2019 1:22

Tgt Ion:264 Resp: 889139

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.8	28.2
265	21.9	17.7	26.5



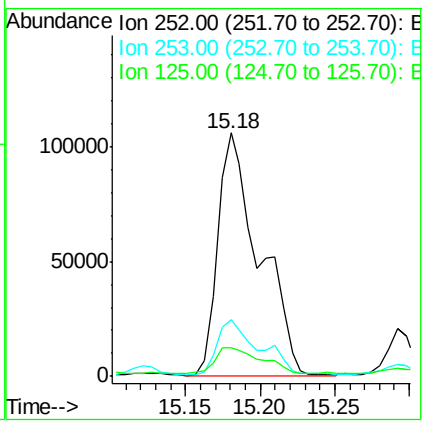


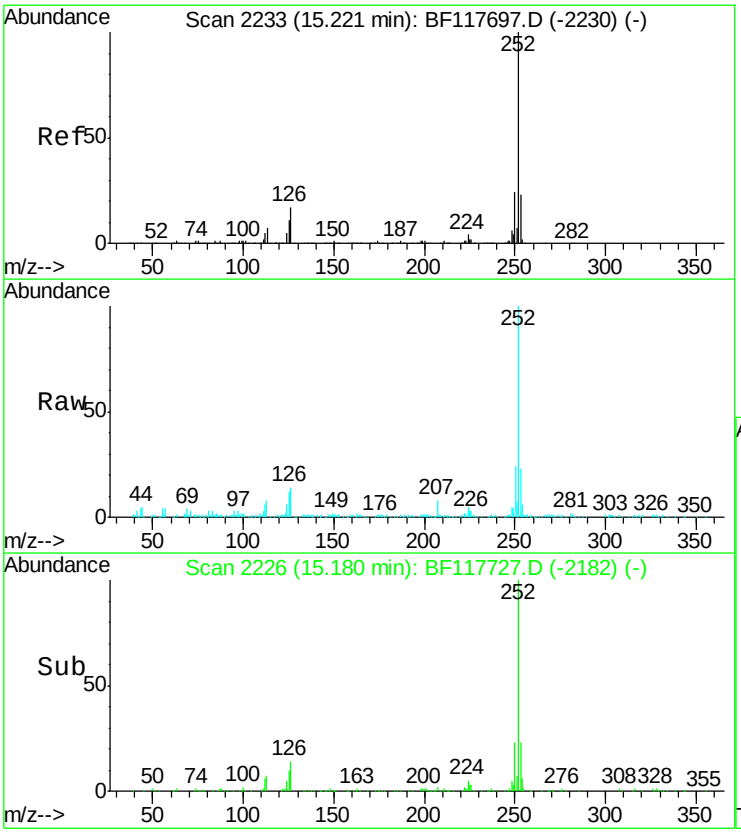
#88
Benzo(b)fluoranthene
Concen: 3.670 ng
RT: 15.18 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BF117727.D
Acq: 8 Nov 2019 1:22

Instrument :
BNA_F
ClientSampleId :
5-B

Tgt Ion:252 Resp: 205498

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.9	28.3
125	11.5	8.5	12.7

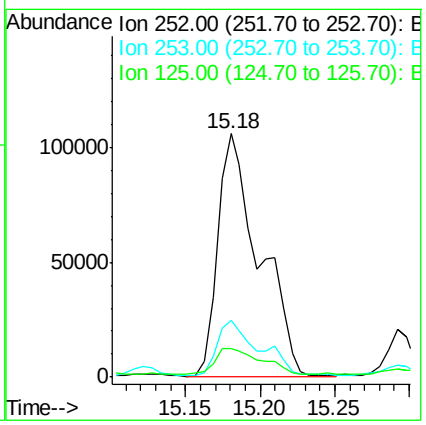


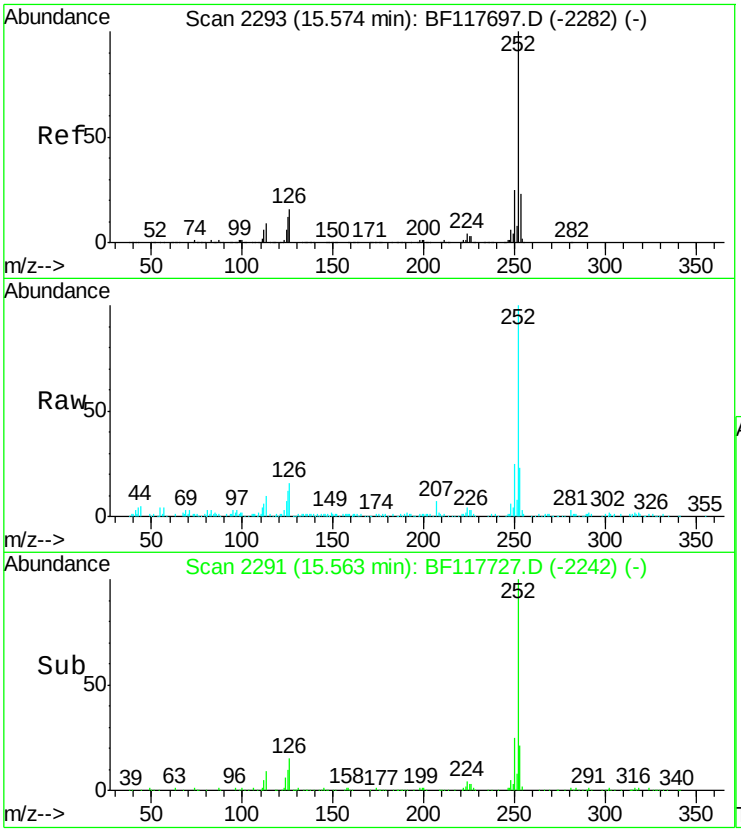


#89
Benzo(k)fluoranthene
Concen: 4.114 ng
RT: 15.18 min Scan# 2226
Delta R.T. -0.04 min
Lab File: BF117727.D
Acq: 8 Nov 2019 1:22

Tgt Ion:252 Resp: 205498

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.9	26.9
125	11.5	9.1	13.7





#90
Benzo(a)pyrene
Concen: 2.421 ng
RT: 15.56 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BF117727.D
Acq: 8 Nov 2019 1:22

Instrument :
BNA_F
ClientSampleId :
5-B

Tgt Ion:252 Resp: 117542

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	11.6	9.5	14.3