Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF110719\
Data File : BF117708.D
Acq On : 7 Nov 2019 16:53
Operator : JU
Sample : K5723-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 7-A

Quant Time: Nov 08 01:24:30 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	316568	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	1224921	20.00	ng		0.00
39) Acenaphthene-d10	9.98	164	645038	20.00	ng		0.00
64) Phenanthrene-d10	11.47	188	1152870	20.00	ng		0.00
76) Chrysene-d12	14.12	240	730055	20.00	ng		-0.01
87) Perylene-d12	15.63	264	839928	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	1674811	95.77	ng		0.00
7) Phenol-d6	6.55	99	2115555	98.11	ng		0.00
23) Nitrobenzene-d5	7.49	82	1266957	61.07	ng		-0.01
42) 2,4,6-Tribromophenol	10.77	330	578080	91.61	ng		0.00
45) 2-Fluorobiphenyl	9.30	172	2378595	72.76	ng		0.00
79) Terphenyl-d14	13.06	244	2448851	69.05	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.56	94	108614	4.674	ng		87
19) n-Nitroso-di-n-propylamine	7.49	70	174343	12.296	ng	#	77
25) Isophorone	7.49	82	1263608	31.843	ng	#	62
50) Dimethylphthalate	9.69	163	425855	9.766	ng		99
57) 2,4-Dinitrotoluene	9.98	165	83478	6.664	ng	#	28
67) 4-Bromophenyl-phenylether	10.77	248	37235	2.957	ng	#	1
71) Phenanthrene	11.49	178	509690	9.224	ng		96
75) Fluoranthene	12.69	202	248271	4.400	ng		95
78) Pyrene	12.92	202	250886	4.708	ng		97
88) Benzo(b)fluoranthene	15.17	252	136326	2.577	ng		98
89) Benzo(k)fluoranthene	15.17	252	136326	2.889	ng		97

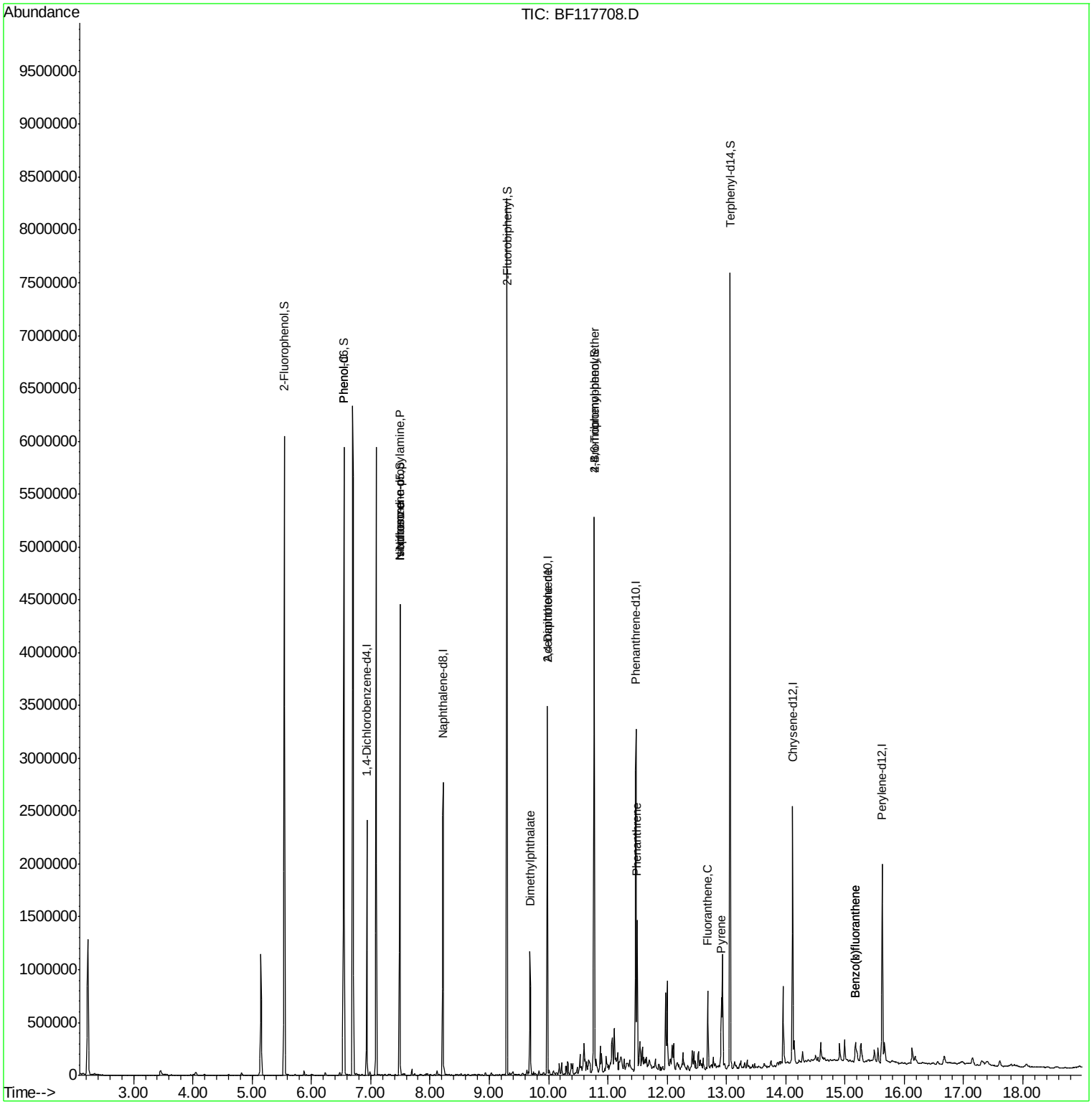
(#) = qualifier out of range (m) = manual integration (+) = signals summed

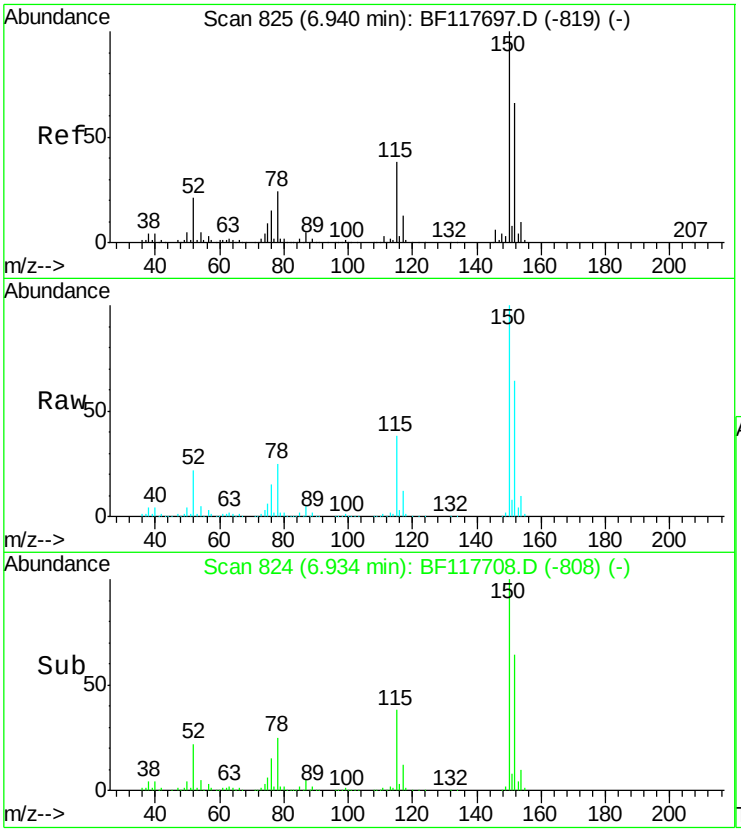
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF110719\
Data File : BF117708.D
Acq On : 7 Nov 2019 16:53
Operator : JU
Sample : K5723-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 7-A

Quant Time: Nov 08 01:24:30 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



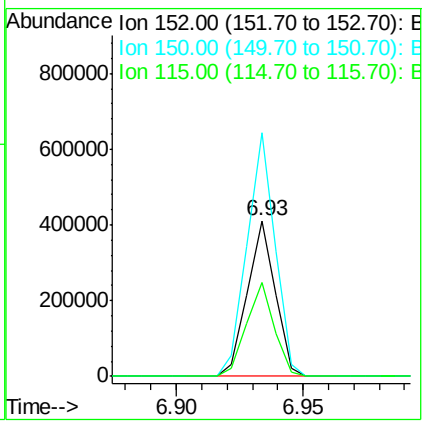


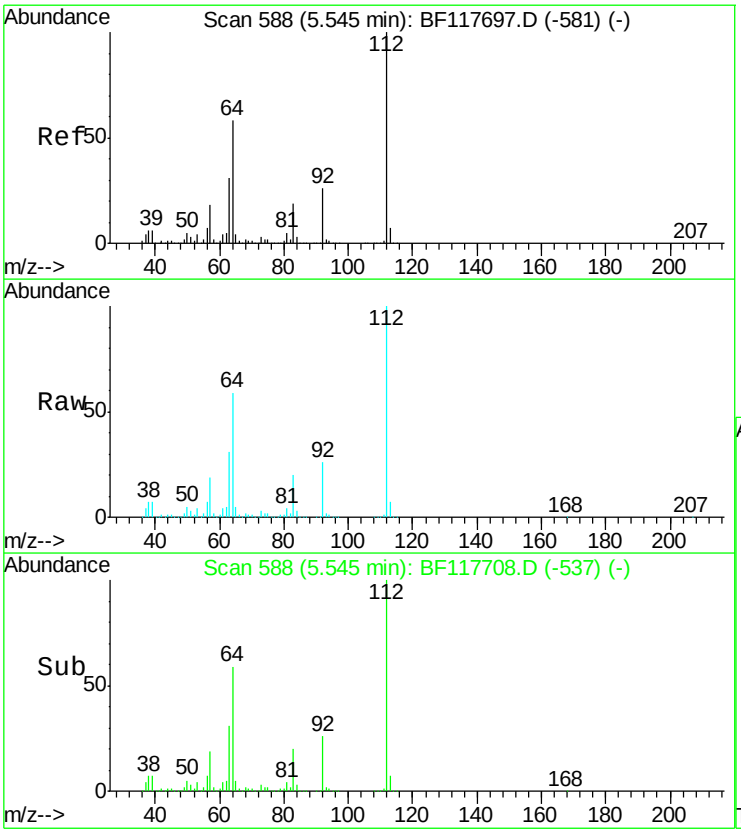
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BF117708.D
Acq: 7 Nov 2019 16:53

Instrument :
BNA_F
ClientSampleId :
7-A

Tgt Ion:152 Resp: 316568

Ion	Ratio	Lower	Upper
152	100		
150	156.6	121.4	182.2
115	60.2	46.7	70.1

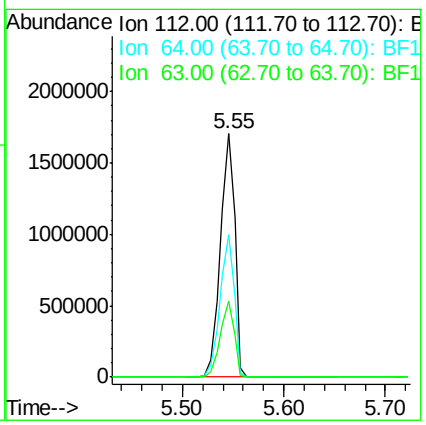


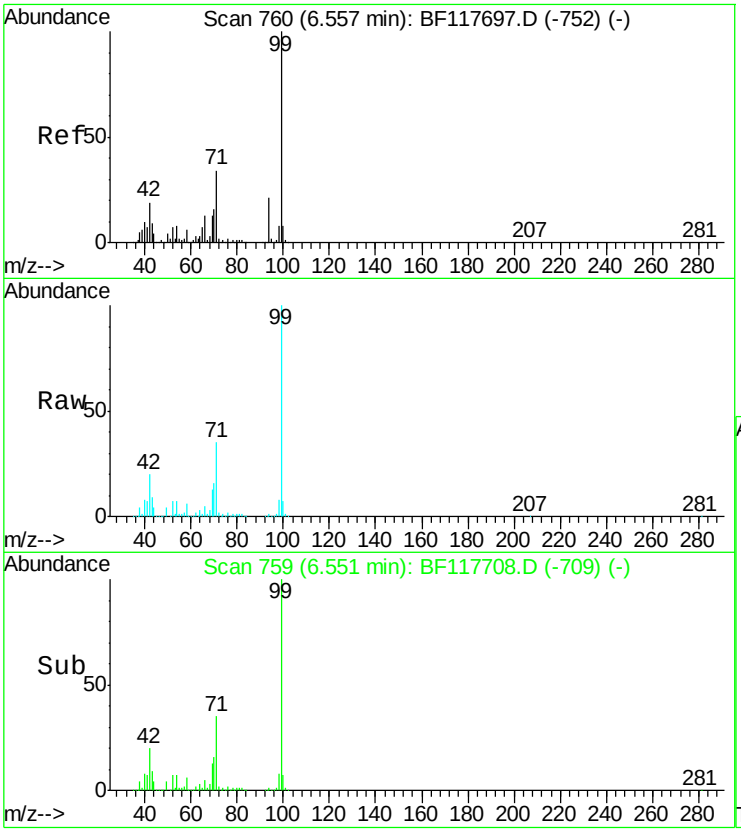


#5
2-Fluorophenol
Concen: 95.767 ng
RT: 5.55 min Scan# 588
Delta R.T. -0.00 min
Lab File: BF117708.D
Acq: 7 Nov 2019 16:53

Tgt Ion:112 Resp: 1674811

Ion	Ratio	Lower	Upper
112	100		
64	58.7	46.4	69.6
63	31.4	24.6	37.0



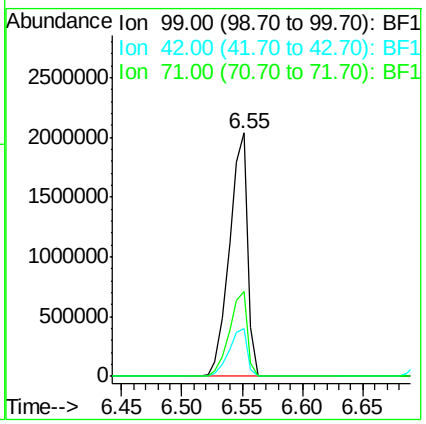


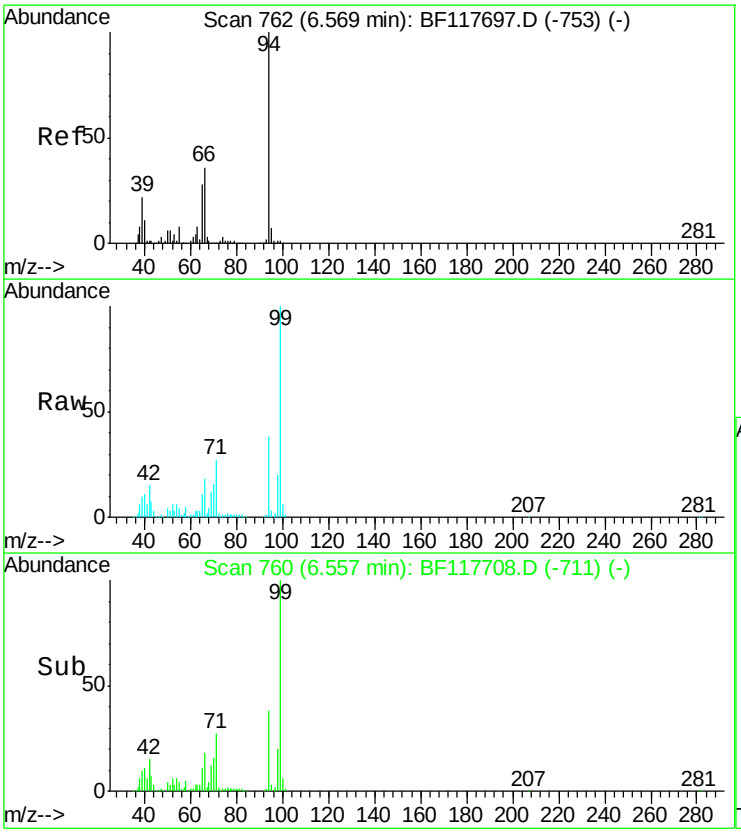
#7
Phenol-d6
Concen: 98.107 ng
RT: 6.55 min Scan# 759
Delta R.T. -0.01 min
Lab File: BF117708.D
Acq: 7 Nov 2019 16:53

Instrument :
BNA_F
ClientSampleId :
7-A

Tgt Ion: 99 Resp: 2115555

Ion	Ratio	Lower	Upper
99	100		
42	19.6	15.3	22.9
71	34.8	26.8	40.2

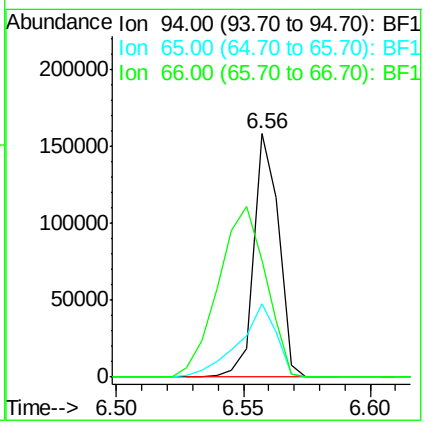


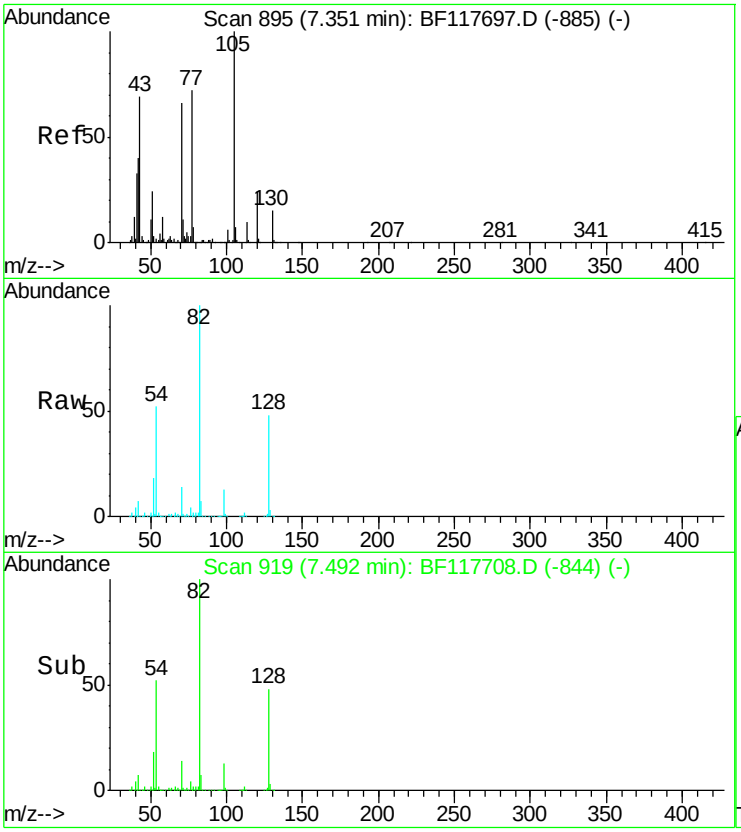


#10
Phenol
Concen: 4.674 ng
RT: 6.56 min Scan# 760
Delta R.T. -0.01 min
Lab File: BF117708.D
Acq: 7 Nov 2019 16:53

Tgt Ion: 94 Resp: 108614

Ion	Ratio	Lower	Upper
94	100		
65	29.9	7.6	47.6
66	48.1	16.1	56.1



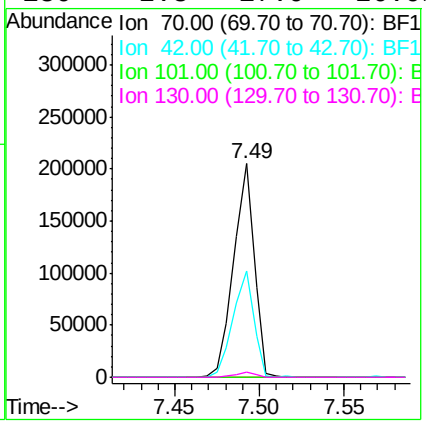


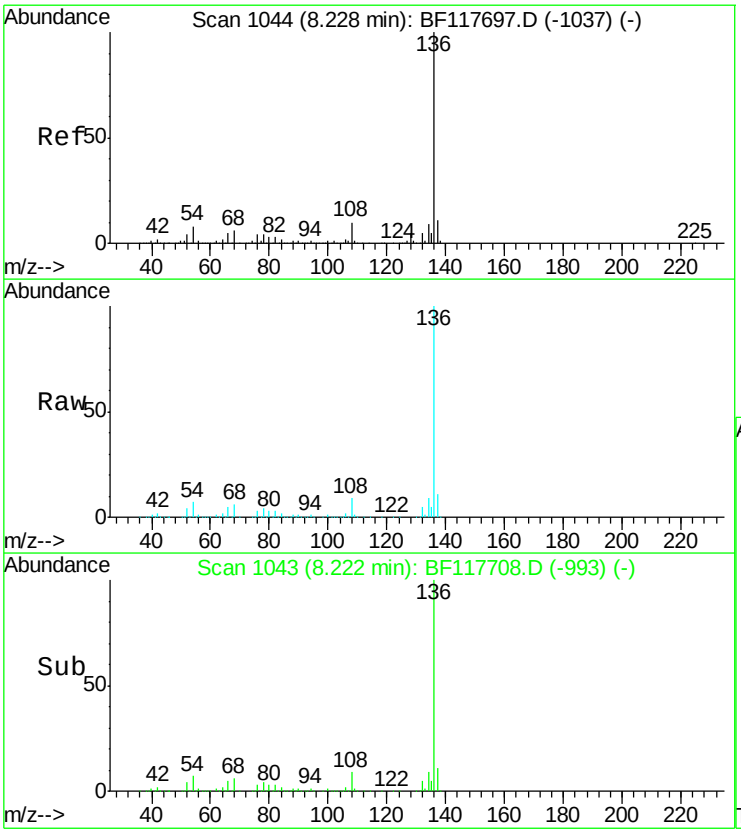
#19
n-Nitroso-di-n-propylamine
Concen: 12.296 ng
RT: 7.49 min Scan# 919
Delta R.T. 0.14 min
Lab File: BF117708.D
Acq: 7 Nov 2019 16:53

Instrument :
BNA_F
ClientSampleId :
7-A

Tgt Ion: 70 Resp: 174343

Ion	Ratio	Lower	Upper
70	100		
42	49.8	49.1	73.7
101	0.0	7.8	11.8#
130	2.3	17.9	26.9#

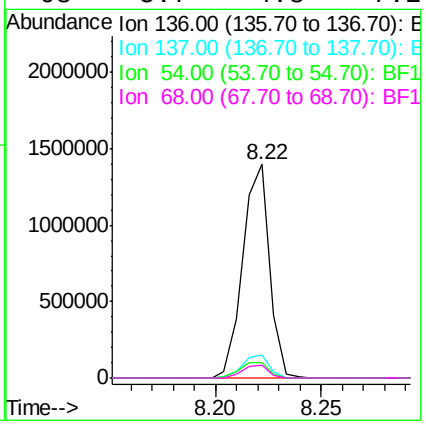


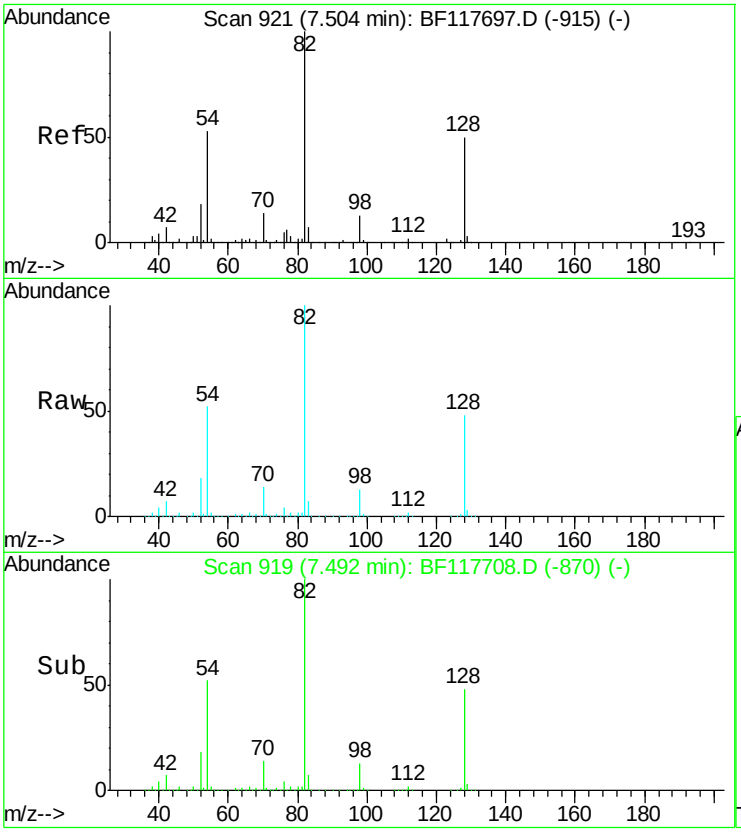


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF117708.D
Acq: 7 Nov 2019 16:53

Tgt Ion:136 Resp: 1224921

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.5	6.0	9.0
68	5.7	4.8	7.2



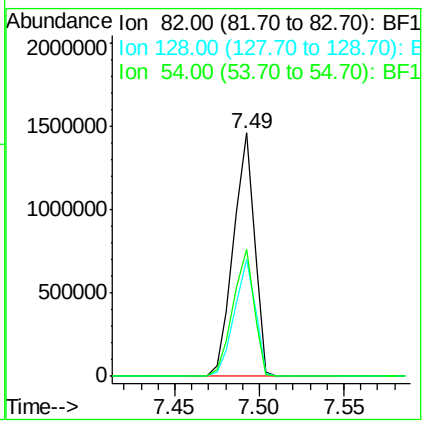


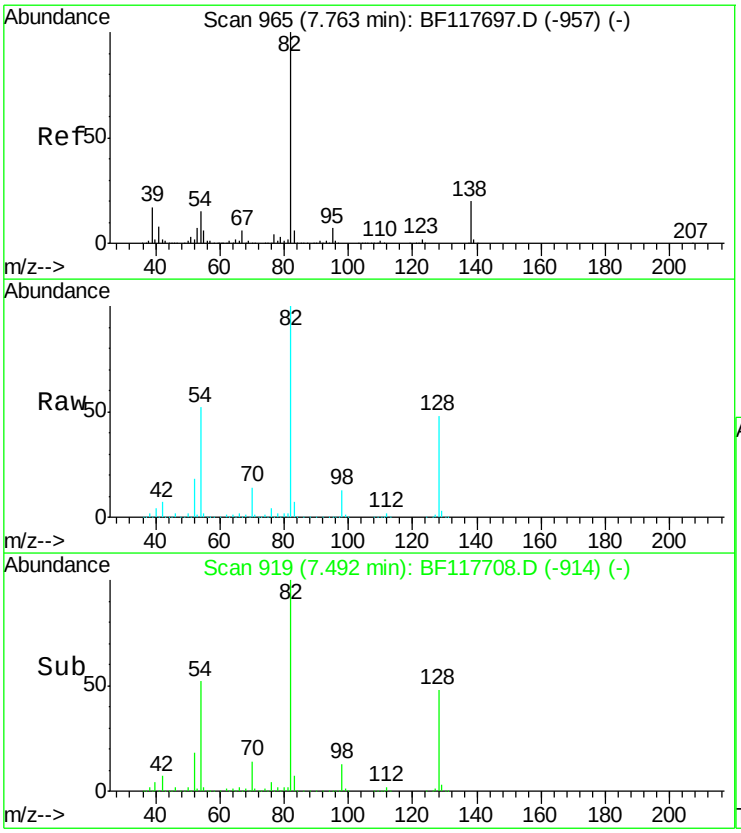
#23
Nitrobenzene-d5
Concen: 61.065 ng
RT: 7.49 min Scan# 919
Delta R.T. -0.01 min
Lab File: BF117708.D
Acq: 7 Nov 2019 16:53

Instrument :
BNA_F
ClientSampleId :
7-A

Tgt Ion: 82 Resp: 1266957

Ion	Ratio	Lower	Upper
82	100		
128	48.2	40.2	60.2
54	52.2	42.0	63.0

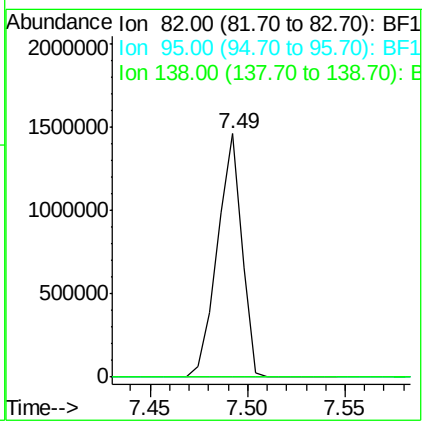


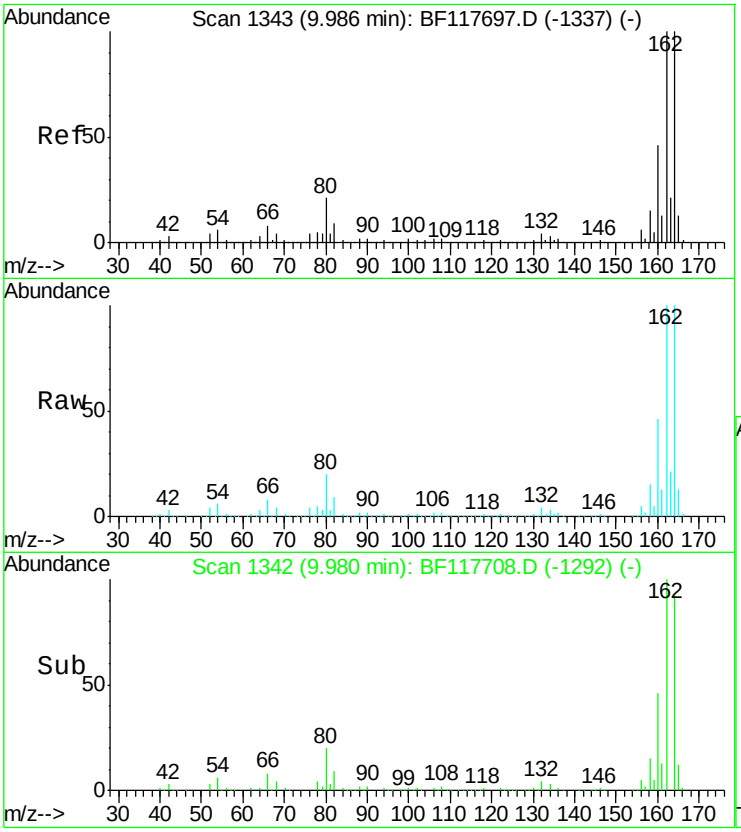


#25
Isophorone
Concen: 31.843 ng
RT: 7.49 min Scan# 919
Delta R.T. -0.27 min
Lab File: BF117708.D
Acq: 7 Nov 2019 16:53

Tgt Ion: 82 Resp: 1263608

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



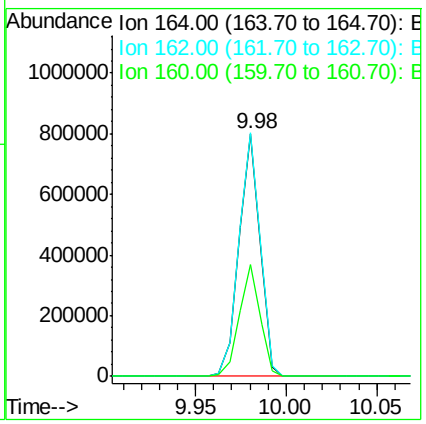


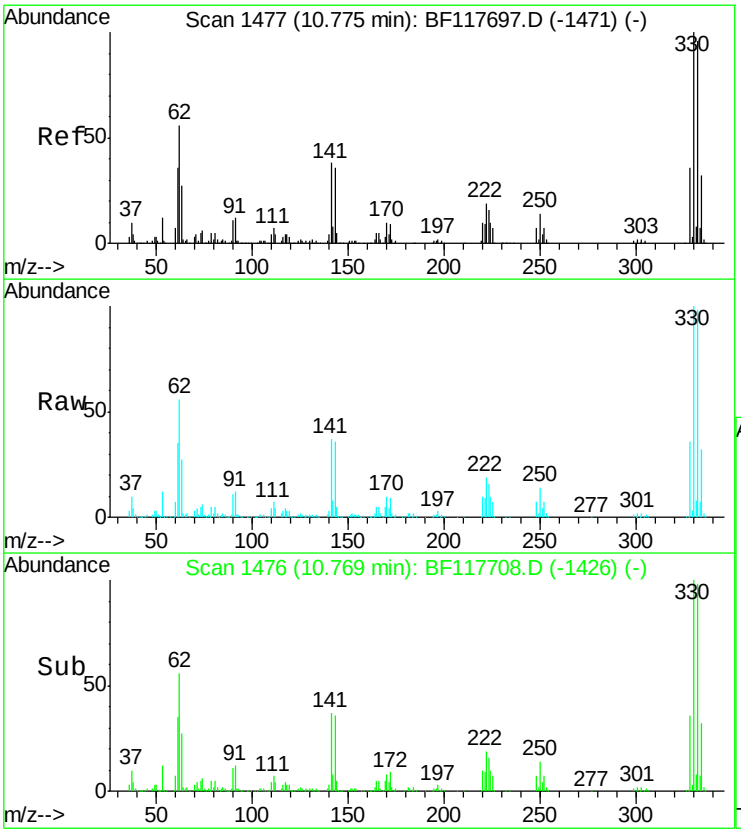
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF117708.D
Acq: 7 Nov 2019 16:53

Instrument :
BNA_F
ClientSampleId :
7-A

Tgt Ion:164 Resp: 645038

Ion	Ratio	Lower	Upper
164	100		
162	100.4	79.7	119.5
160	46.0	36.5	54.7

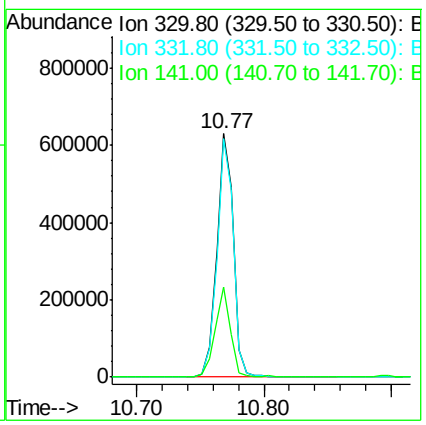


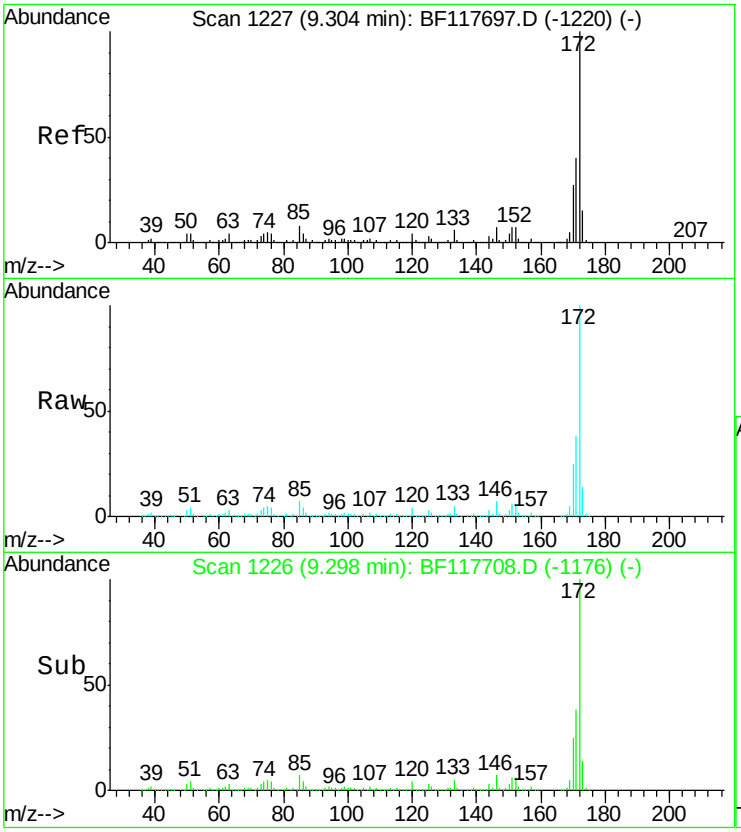


#42
2,4,6-Tribromophenol
Concen: 91.614 ng
RT: 10.77 min Scan# 1476
Delta R.T. -0.01 min
Lab File: BF117708.D
Acq: 7 Nov 2019 16:53

Tgt Ion:330 Resp: 578080

Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.4	116.0
141	34.6	28.0	42.0



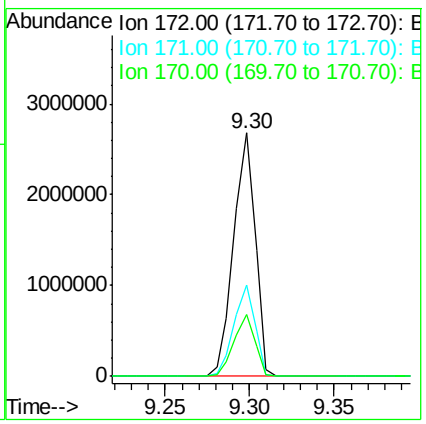


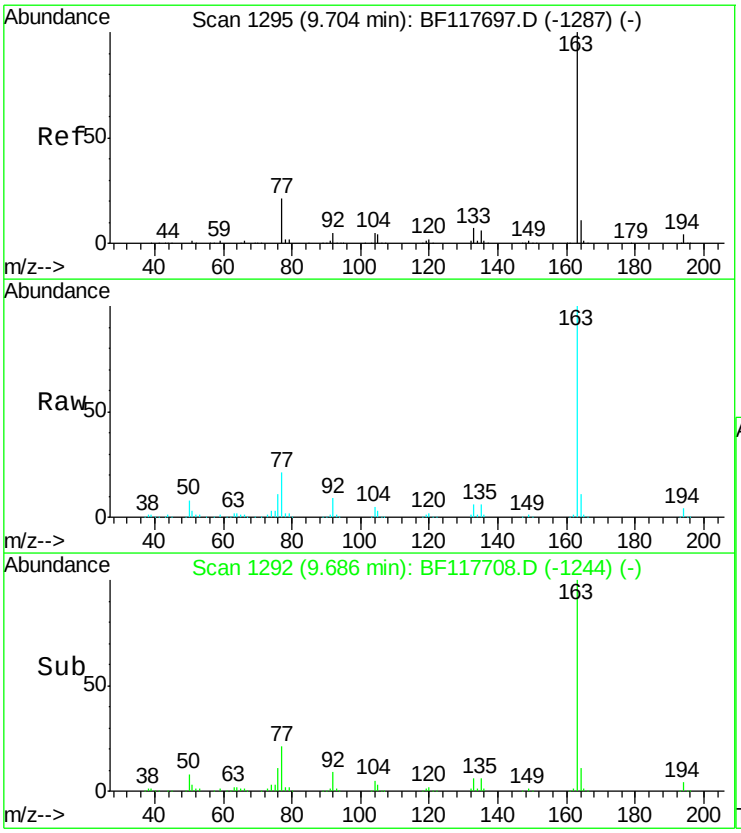
#45
2-Fluorobiphenyl
Concen: 72.755 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF117708.D
Acq: 7 Nov 2019 16:53

Instrument :
BNA_F
ClientSampleId :
7-A

Tgt Ion:172 Resp: 2378595

Ion	Ratio	Lower	Upper
172	100		
171	37.6	31.8	47.8
170	25.4	21.6	32.4

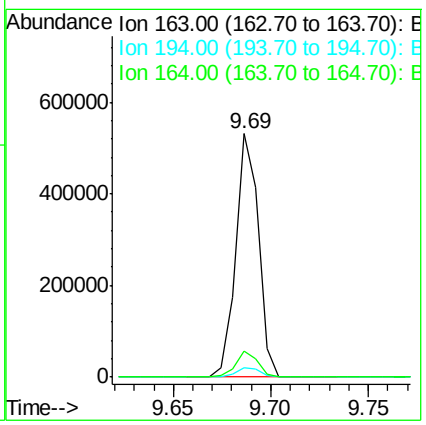


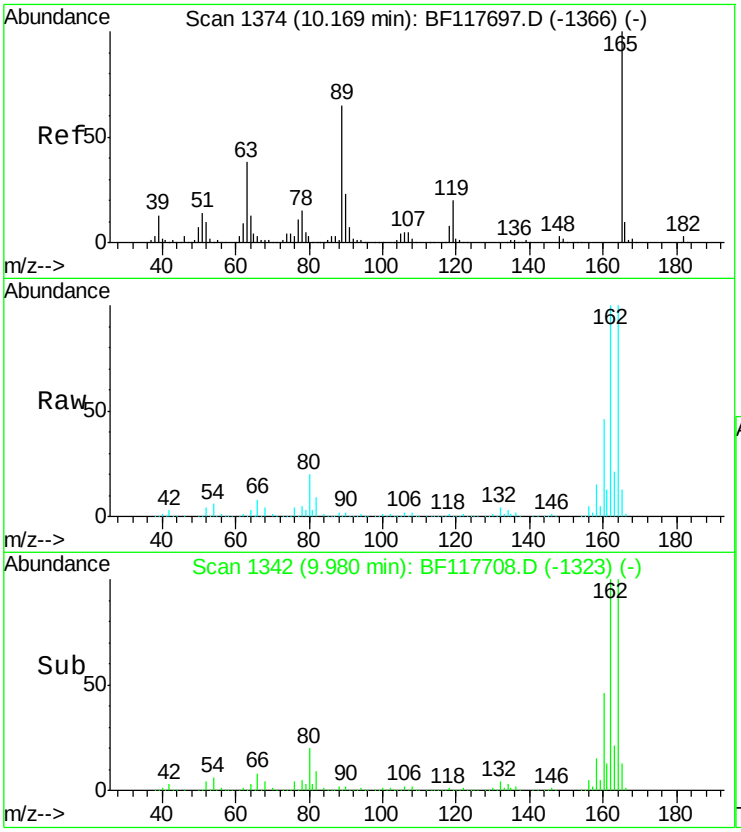


#50
Dimethylphthalate
Concen: 9.766 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.02 min
Lab File: BF117708.D
Acq: 7 Nov 2019 16:53

Tgt Ion:163 Resp: 425855

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.4	5.0
164	10.8	8.9	13.3



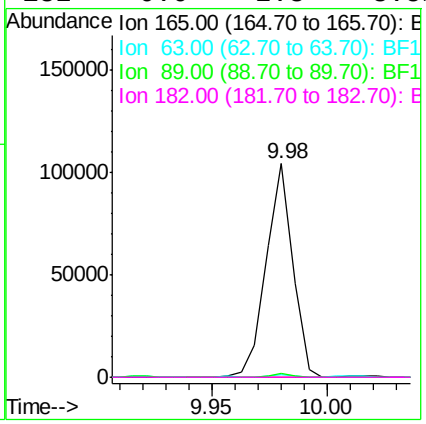


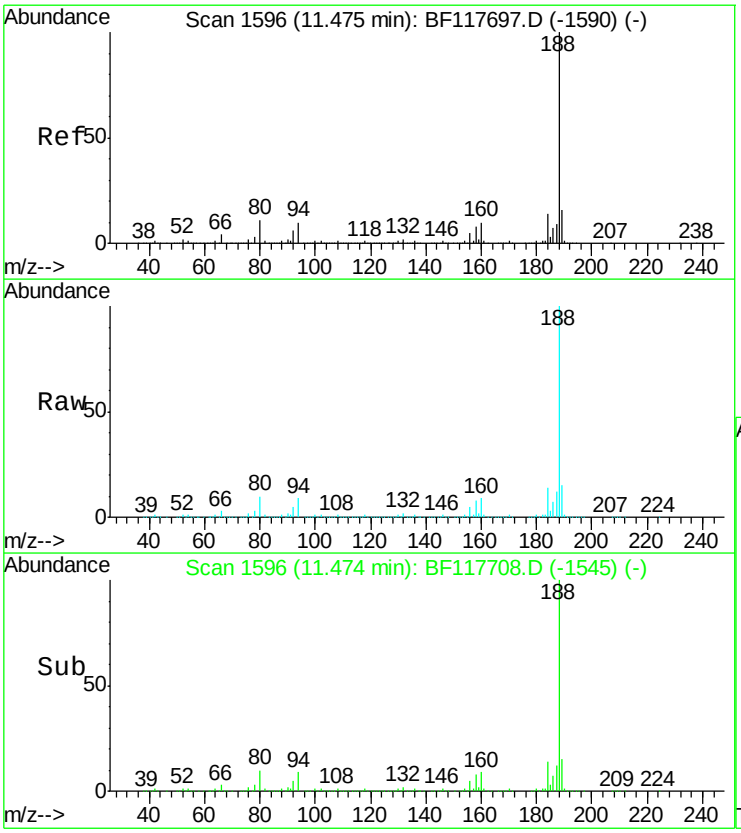
#57
2,4-Dinitrotoluene
Concen: 6.664 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.19 min
Lab File: BF117708.D
Acq: 7 Nov 2019 16:53

Instrument :
BNA_F
ClientSampleId :
7-A

Tgt Ion:165 Resp: 83478

Ion	Ratio	Lower	Upper
165	100		
63	1.3	30.4	45.6#
89	1.6	52.2	78.4#
182	0.0	2.3	3.5#

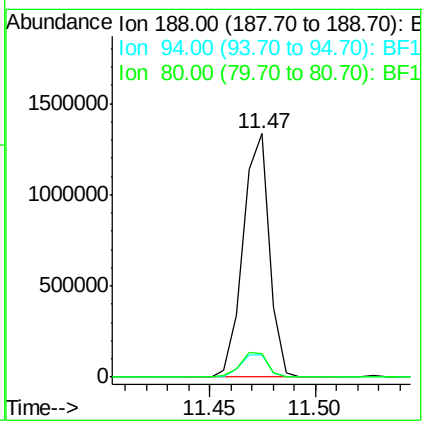


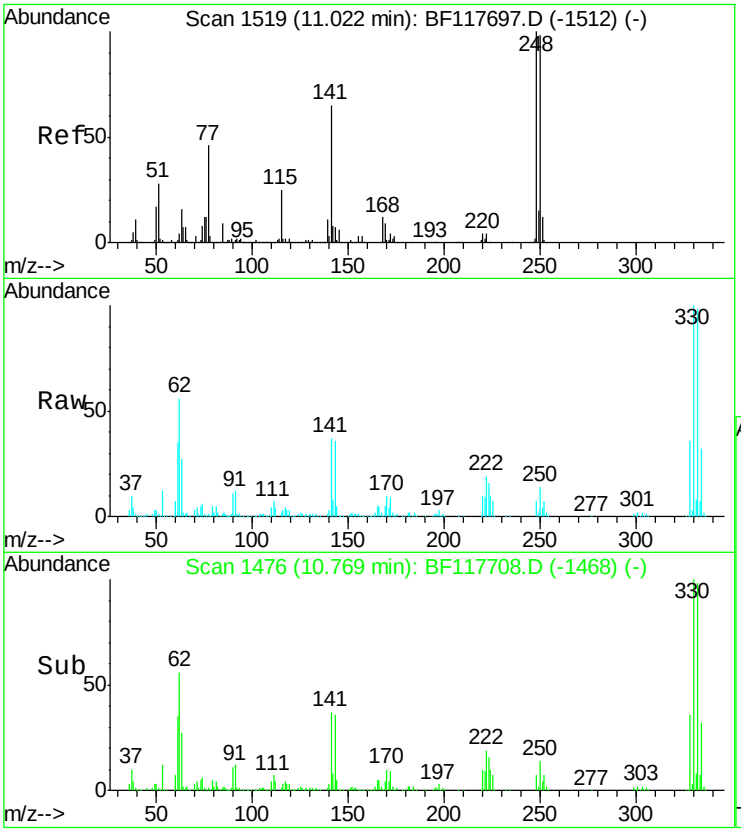


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.00 min
Lab File: BF117708.D
Acq: 7 Nov 2019 16:53

Tgt Ion:188 Resp: 1152870

Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.2	12.4
80	9.6	8.6	13.0



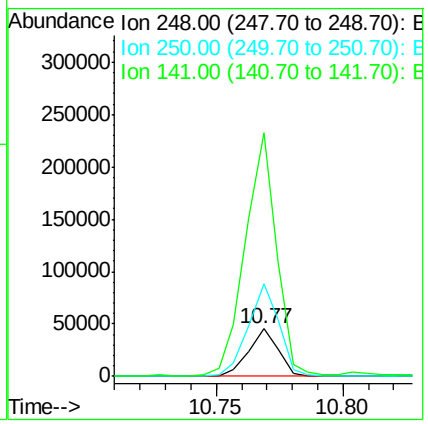


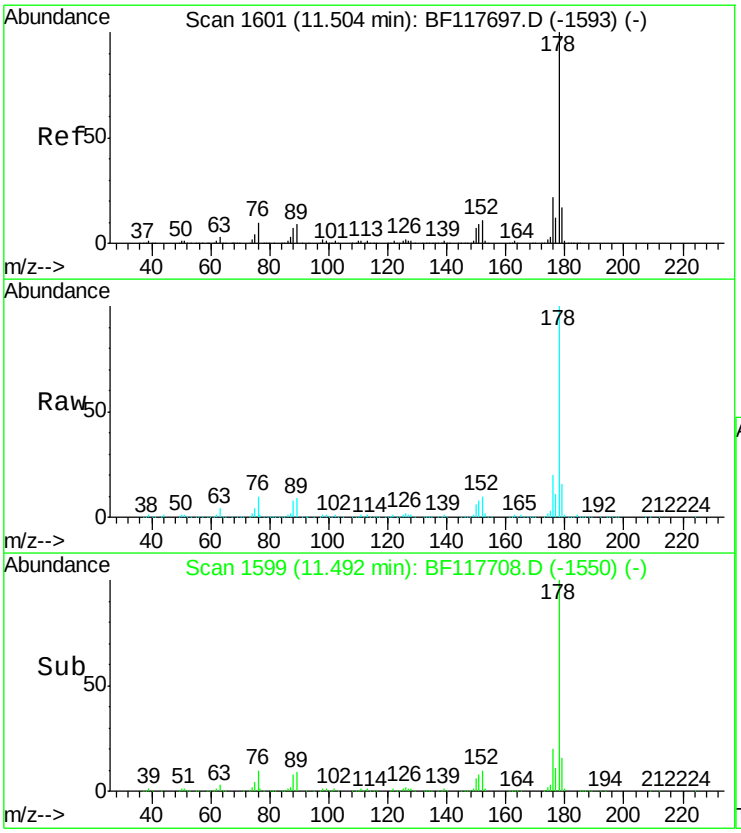
#67
4-Bromophenyl-phenylether
Concen: 2.957 ng
RT: 10.77 min Scan# 1476
Delta R.T. -0.25 min
Lab File: BF117708.D
Acq: 7 Nov 2019 16:53

Instrument :
BNA_F
ClientSampleId :
7-A

Tgt Ion:248 Resp: 37235

Ion	Ratio	Lower	Upper
248	100		
250	195.0	78.7	118.1#
141	514.0	51.8	77.8#

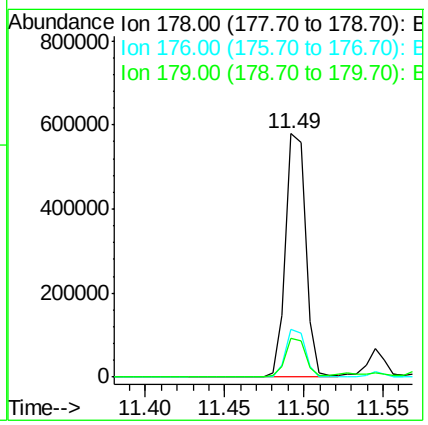


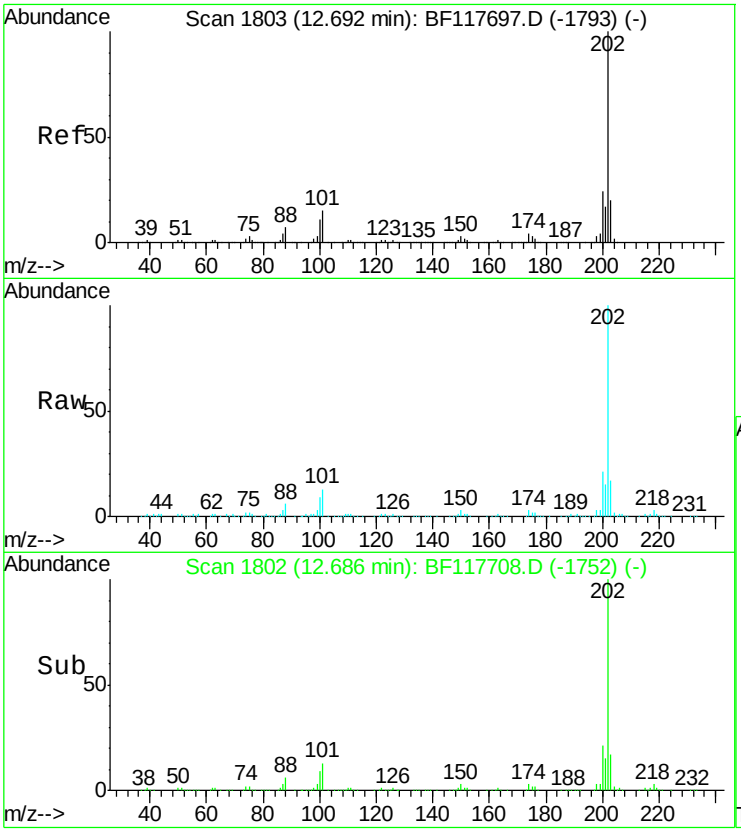


#71
Phenanthrene
Concen: 9.224 ng
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: BF117708.D
Acq: 7 Nov 2019 16:53

Tgt Ion:178 Resp: 509690

Ion	Ratio	Lower	Upper
178	100		
176	19.7	17.7	26.5
179	16.1	13.8	20.8



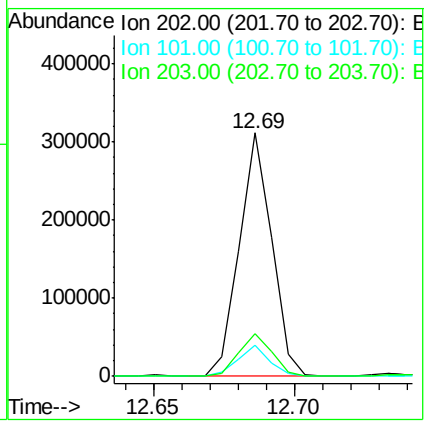


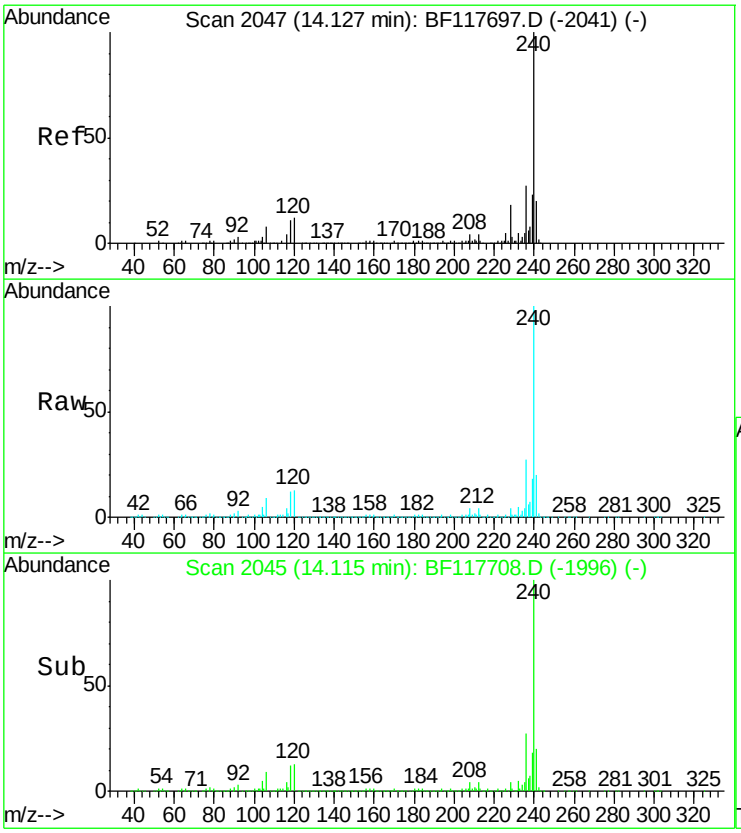
#75
Fluoranthene
Concen: 4.400 ng
RT: 12.69 min Scan# 1802
Delta R.T. -0.01 min
Lab File: BF117708.D
Acq: 7 Nov 2019 16:53

Instrument :
BNA_F
ClientSampleId :
7-A

Tgt Ion:202 Resp: 248271

Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	34.5
203	17.3	0.0	39.8

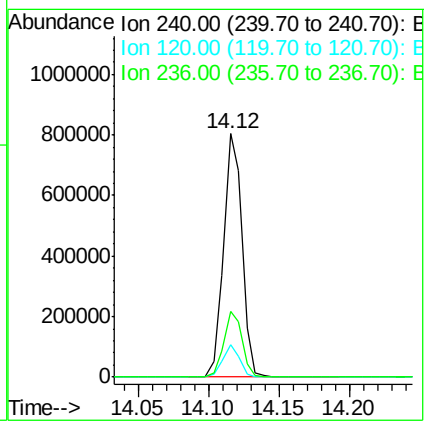


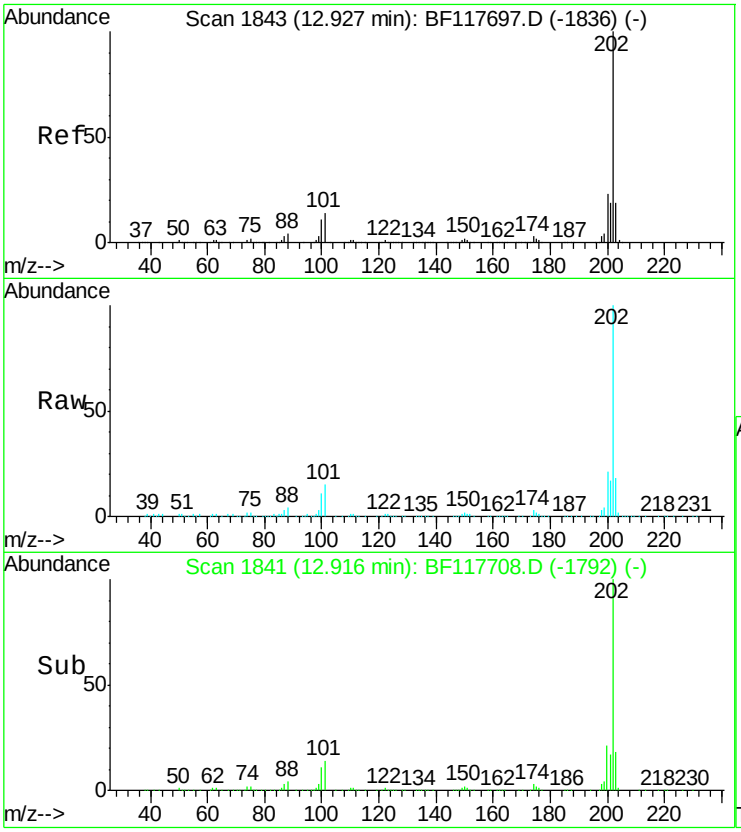


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.12 min Scan# 2045
Delta R.T. -0.01 min
Lab File: BF117708.D
Acq: 7 Nov 2019 16:53

Tgt Ion:240 Resp: 730055

Ion	Ratio	Lower	Upper
240	100		
120	13.4	9.7	14.5
236	27.0	21.9	32.9



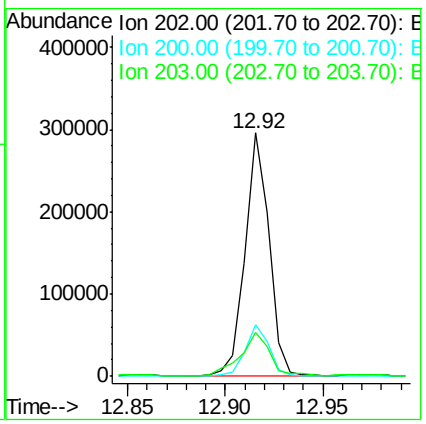


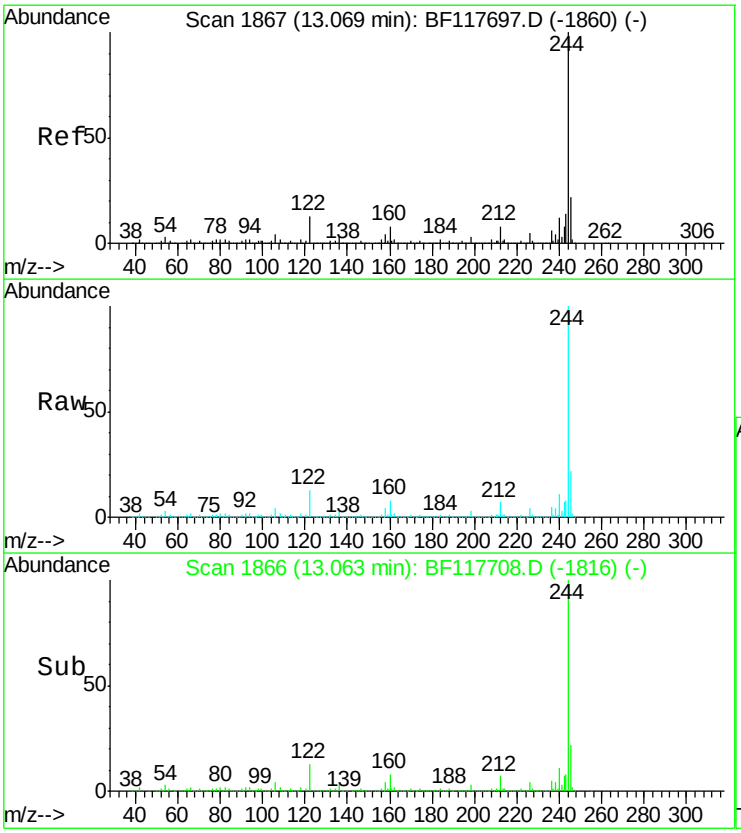
#78
Pyrene
Concen: 4.708 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BF117708.D
Acq: 7 Nov 2019 16:53

Instrument :
BNA_F
ClientSampleId :
7-A

Tgt Ion:202 Resp: 250886

Ion	Ratio	Lower	Upper
202	100		
200	21.3	18.8	28.2
203	18.3	15.2	22.8

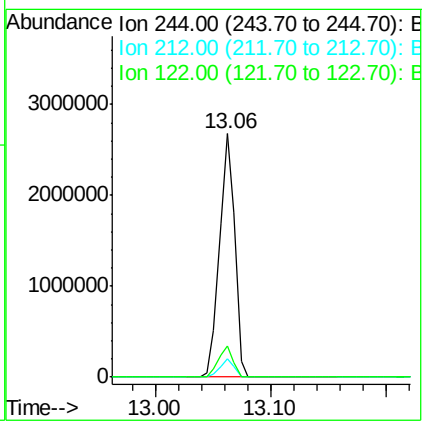


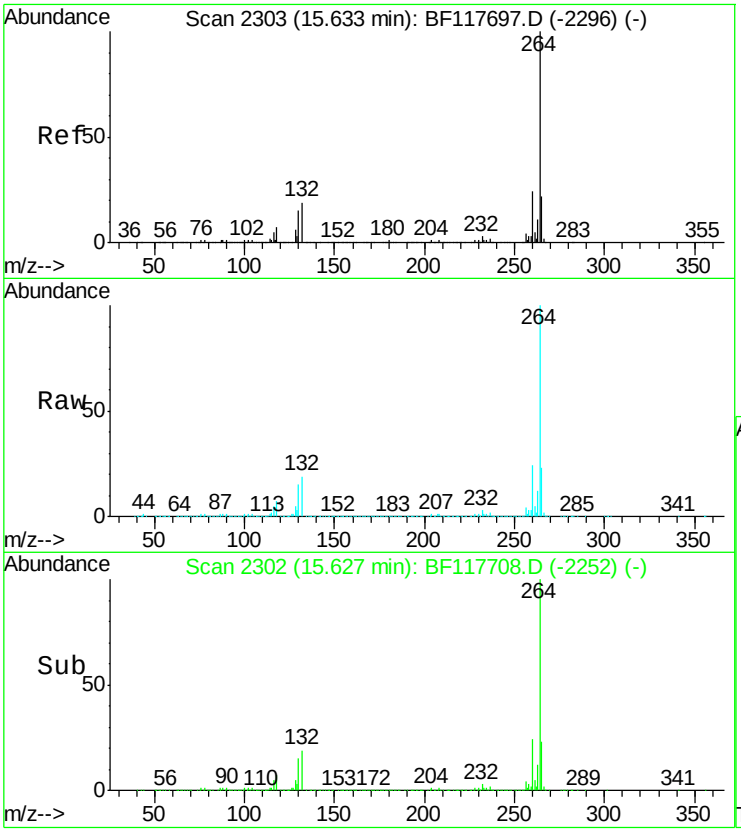


#79
Terphenyl-d14
Concen: 69.052 ng
RT: 13.06 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BF117708.D
Acq: 7 Nov 2019 16:53

Tgt Ion:244 Resp: 2448851

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.4	9.6
122	12.8	10.0	15.0



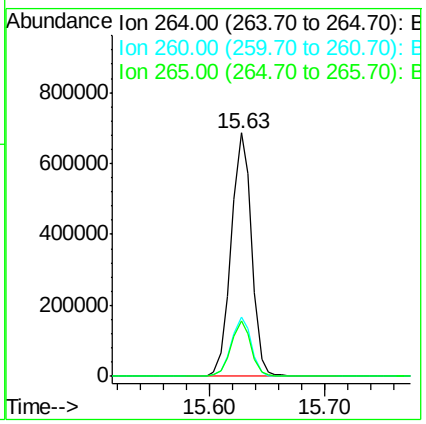


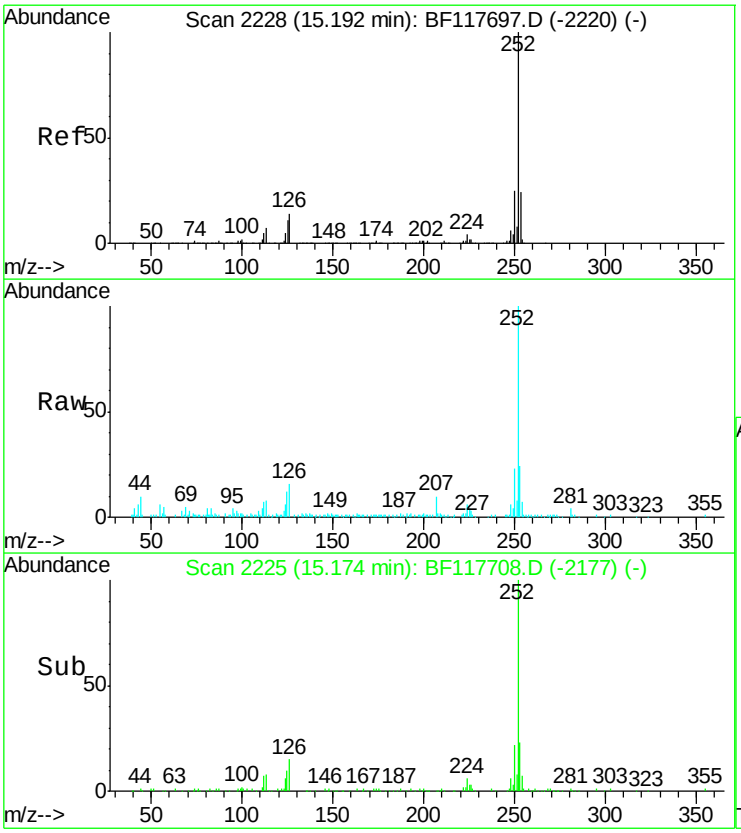
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.63 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BF117708.D
Acq: 7 Nov 2019 16:53

Instrument :
BNA_F
ClientSampleId :
7-A

Tgt Ion:264 Resp: 839928

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.8	28.2
265	22.7	17.7	26.5

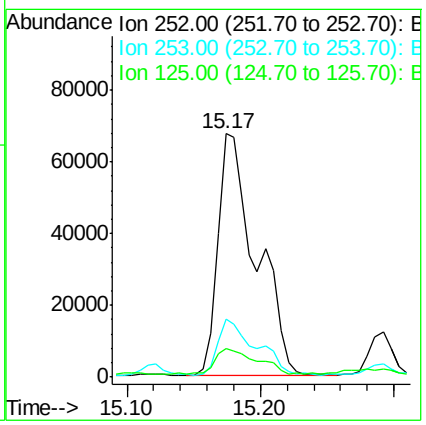


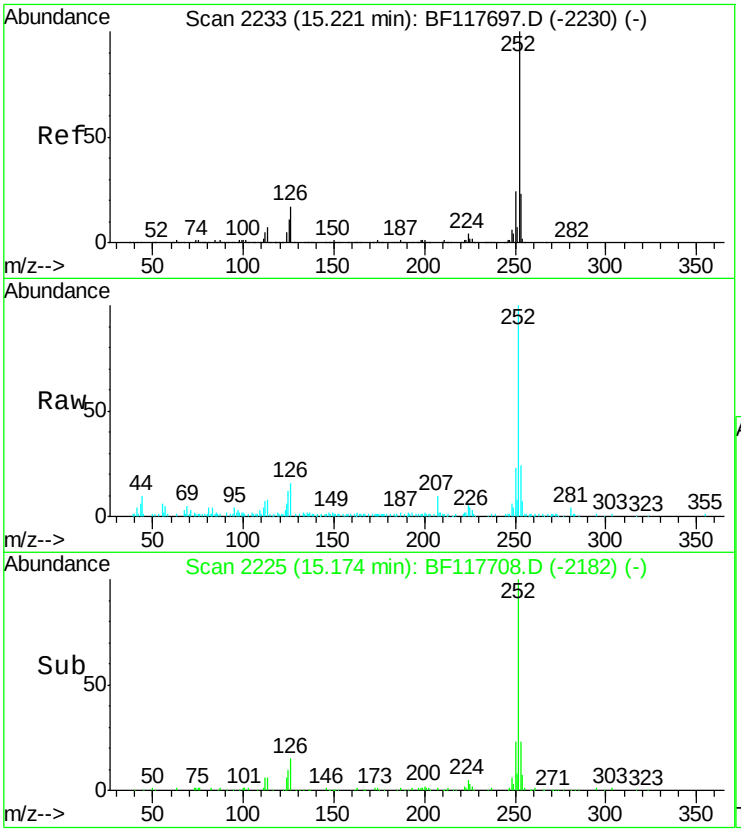


#88
Benzo(b)fluoranthene
Concen: 2.577 ng
RT: 15.17 min Scan# 2225
Delta R.T. -0.02 min
Lab File: BF117708.D
Acq: 7 Nov 2019 16:53

Tgt Ion:252 Resp: 136326

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.9	28.3
125	11.8	8.5	12.7





#89
Benzo(k)fluoranthene
Concen: 2.889 ng
RT: 15.17 min Scan# 2225
Delta R.T. -0.05 min
Lab File: BF117708.D
Acq: 7 Nov 2019 16:53

Instrument :
BNA_F
ClientSampleId :
7-A

Tgt Ion:252 Resp: 136326

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.9	26.9
125	11.8	9.1	13.7