Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111618\
Data File : BF110817.D
Acq On : 16 Nov 2018 15:31
Operator : JU/SJ
Sample : J5952-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 16 16:21:24 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 12:43:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	66609	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	278327	20.00	ng		0.00
39) Acenaphthene-d10	9.98	164	130756	20.00	ng		-0.01
64) Phenanthrene-d10	11.47	188	232577	20.00	ng		-0.01
76) Chrysene-d12	14.13	240	149088	20.00	ng		-0.01
87) Perylene-d12	15.66	264	146960	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	387206	94.42	ng		0.00
7) Phenol-d6	6.56	99	495822	94.55	ng		-0.01
23) Nitrobenzene-d5	7.50	82	307051	63.53	ng		-0.01
42) 2,4,6-Tribromophenol	10.77	330	113854	86.41	ng		-0.01
45) 2-Fluorobiphenyl	9.29	172	546488	59.69	ng		-0.01
79) Terphenyl-d14	13.06	244	425882	53.50	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.57	77	854	Below Cal		#	1
19) n-Nitroso-di-n-propylamine	7.50	70	41934	12.528	ng	#	78
25) Isophorone	7.50	82	307047	38.763	ng	#	67
31) Naphthalene	8.25	128	80623	6.170	ng		98
37) 2-Methylnaphthalene	8.94	142	34103	3.982	ng		99
38) 1-Methylnaphthalene	8.94	142	34103	4.140	ng		97
49) Acenaphthylene	9.85	152	33071	2.613	ng		97
50) Dimethylphthalate	9.69	163	88465	9.067	ng		99
52) Acenaphthene	10.02	154	18594	2.325	ng		100
56) 4-Nitrophenol	10.19	139	9350	5.668	ng	#	9
58) Fluorene	10.53	166	46168	5.137	ng		96
67) 4-Bromophenyl-phenylether	10.77	248	7444	2.896	ng	#	1
71) Phenanthrene	11.50	178	460760	36.978	ng		99
72) Anthracene	11.55	178	131476	10.460	ng		98
75) Fluoranthene	12.70	202	473997	37.943	ng		99
78) Pyrene	12.93	202	435387	37.928	ng		98
81) Benzo(a)anthracene	14.12	228	204026	22.896	ng		97
83) Chrysene	14.16	228	180732	21.288	ng		98
86) Indeno(1,2,3-cd)pyrene	17.23	276	77640	12.744	ng		98
88) Benzo(b)fluoranthene	15.20	252	286900	32.633	ng		97
89) Benzo(k)fluoranthene	15.20	252	286900	33.026	ng	#	96
90) Benzo(a)pyrene	15.59	252	166963	20.902	ng		97
91) Dibenzo(a,h)anthracene	17.42	278	17939	2.654	ng		98
92) Benzo(g,h,i)perylene	17.71	276	76048	11.339	ng		99

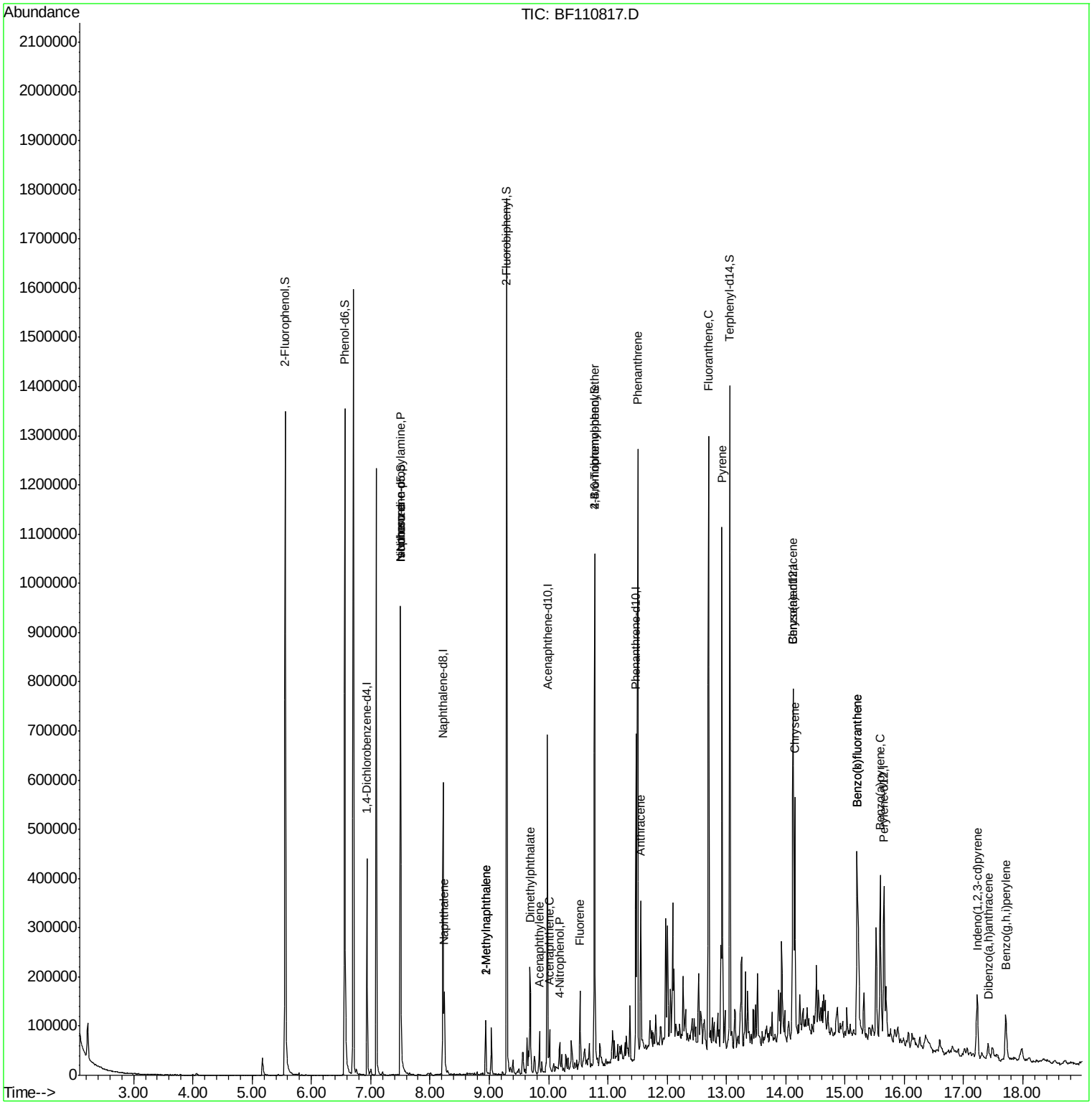
(#) = qualifier out of range (m) = manual integration (+) = signals summed

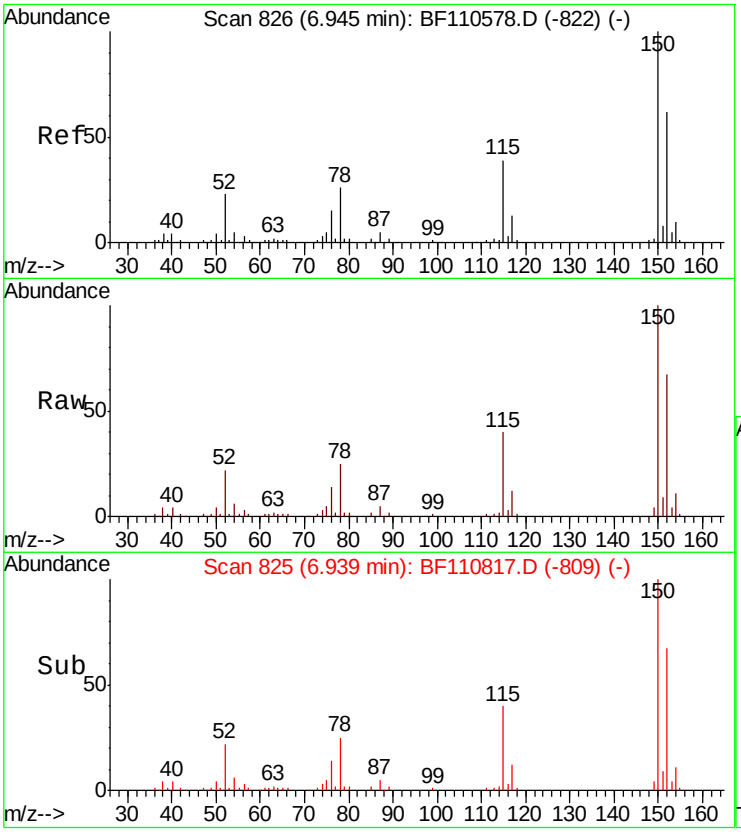
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111618\
Data File : BF110817.D
Acq On : 16 Nov 2018 15:31
Operator : JU/SJ
Sample : J5952-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 16 16:21:24 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 12:43:10 2018
Response via : Initial Calibration



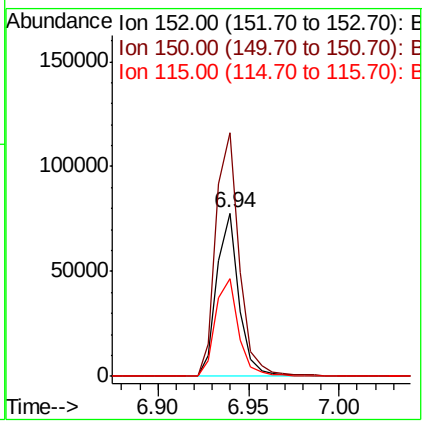


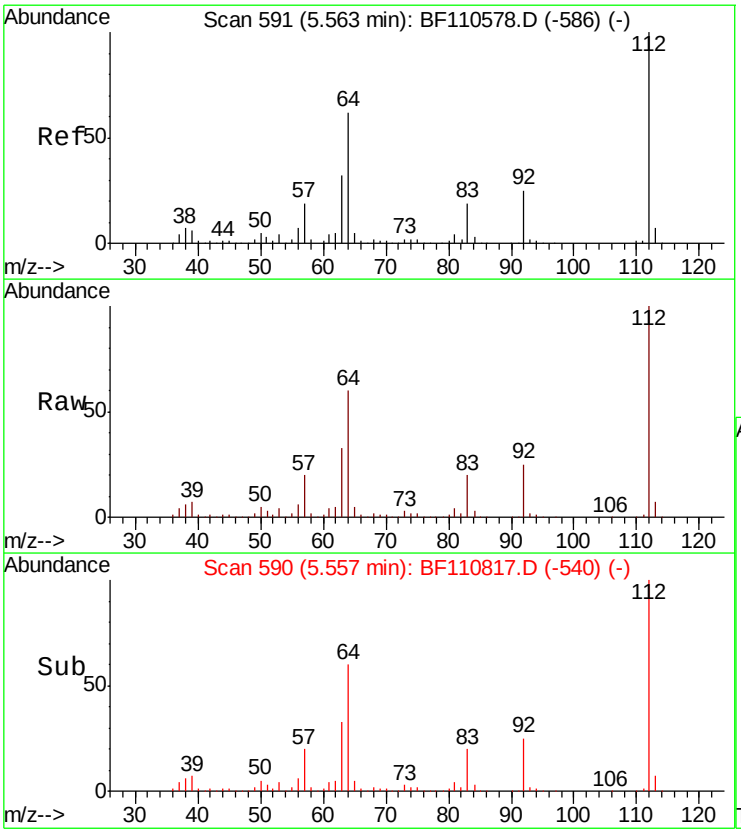
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110817.D
Acq: 16 Nov 2018 15:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 66609

Ion	Ratio	Lower	Upper
152	100		
150	149.3	122.7	184.1
115	59.8	49.1	73.7

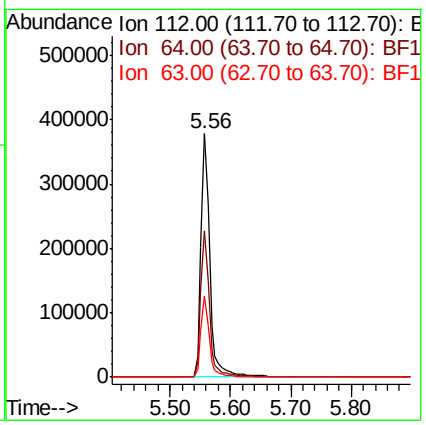


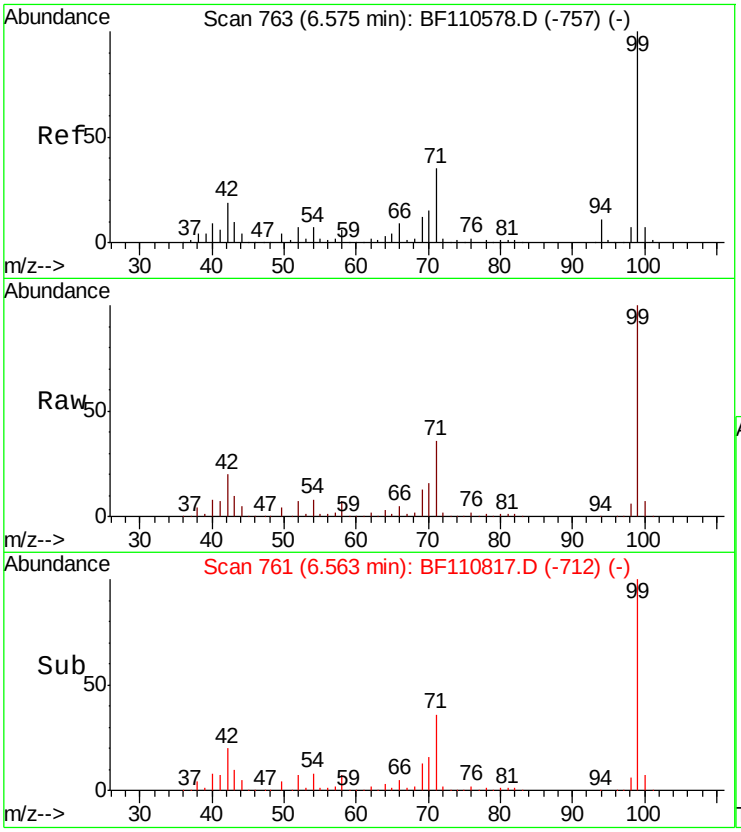


#5
2-Fluorophenol
Concen: 94.423 ng
RT: 5.56 min Scan# 590
Delta R.T. -0.01 min
Lab File: BF110817.D
Acq: 16 Nov 2018 15:31

Tgt Ion:112 Resp: 387206

Ion	Ratio	Lower	Upper
112	100		
64	59.9	44.1	66.1
63	33.1	23.7	35.5



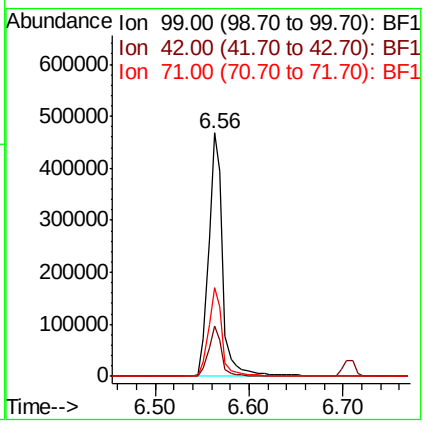


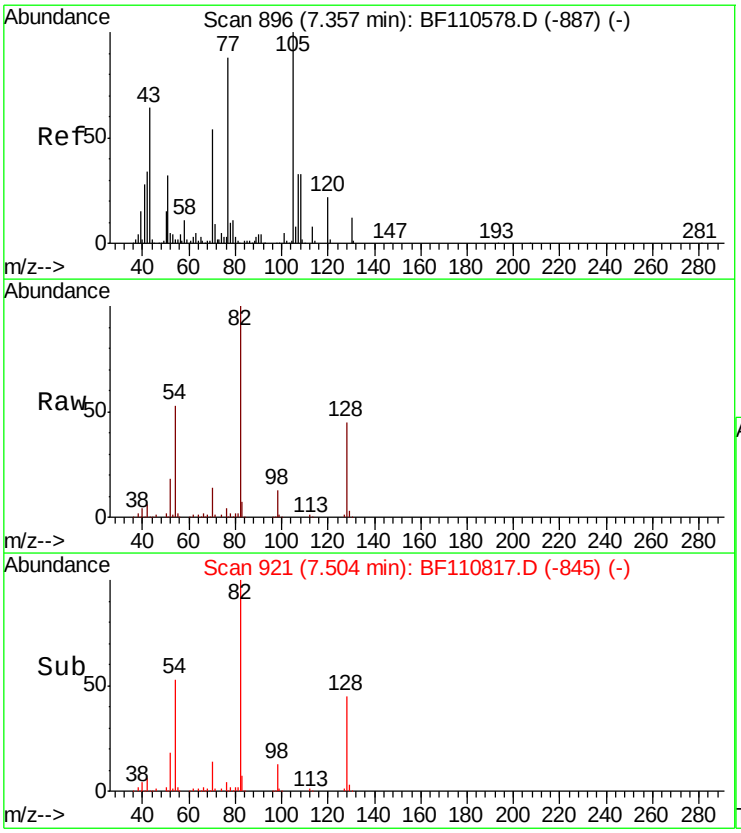
#7
Phenol-d6
Concen: 94.553 ng
RT: 6.56 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF110817.D
Acq: 16 Nov 2018 15:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 495822

Ion	Ratio	Lower	Upper
99	100		
42	20.4	15.8	23.6
71	36.4	28.0	42.0

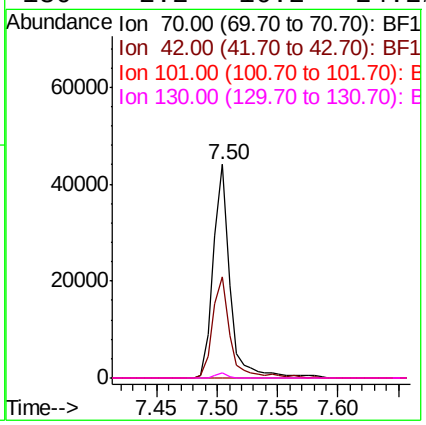


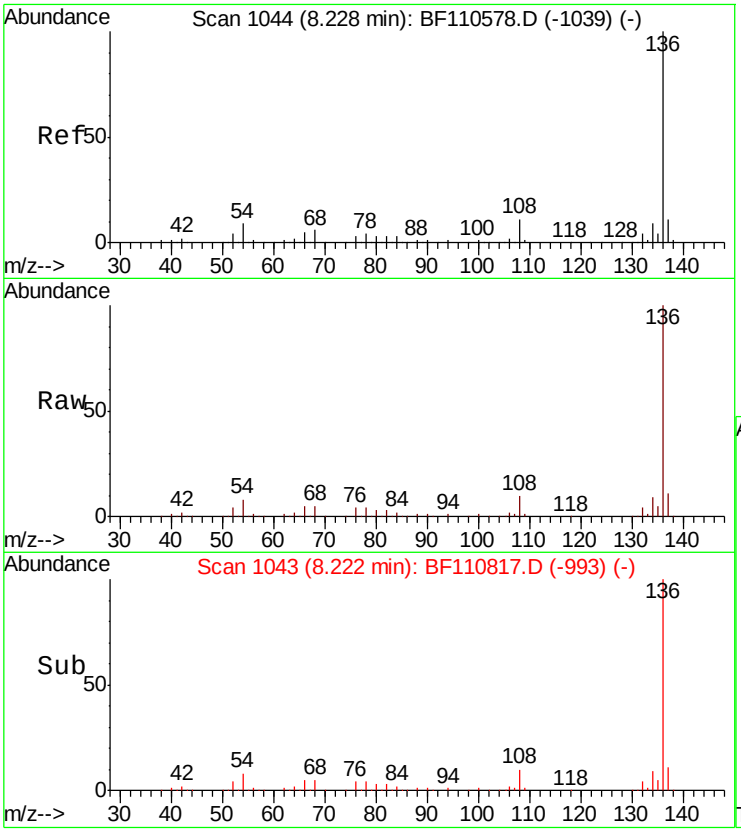


#19
n-Nitroso-di-n-propylamine
Concen: 12.528 ng
RT: 7.50 min Scan# 921
Delta R.T. 0.15 min
Lab File: BF110817.D
Acq: 16 Nov 2018 15:31

Tgt Ion: 70 Resp: 41934

Ion	Ratio	Lower	Upper
70	100		
42	47.5	47.4	71.2
101	0.0	7.3	10.9#
130	2.2	16.2	24.2#



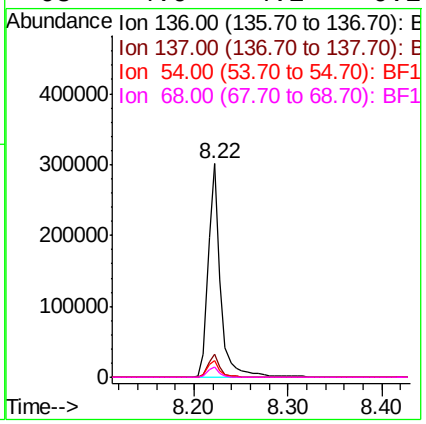


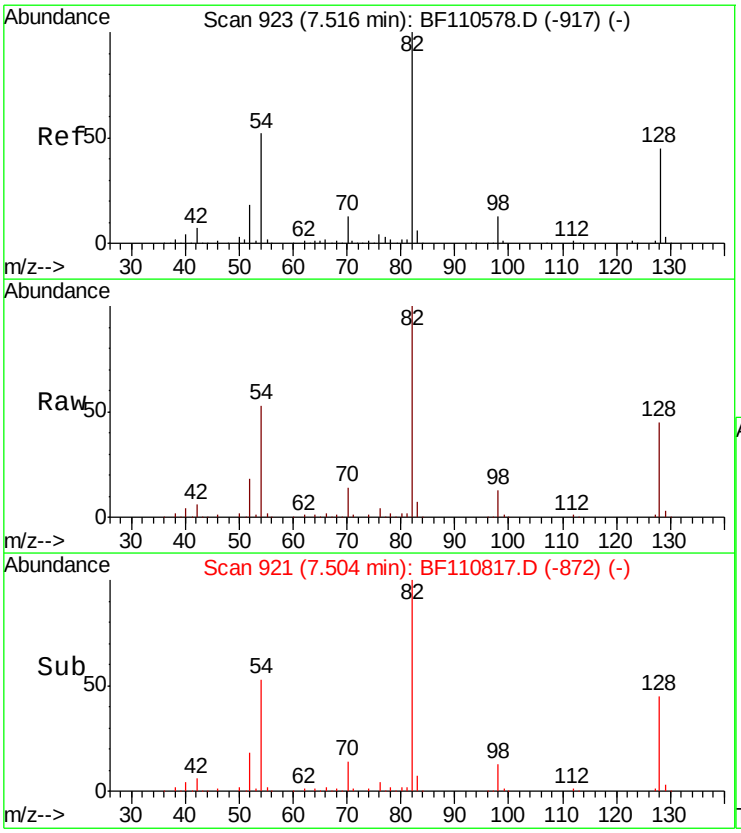
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF110817.D
Acq: 16 Nov 2018 15:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 278327

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.6	5.4	8.2
68	4.9	4.2	6.2

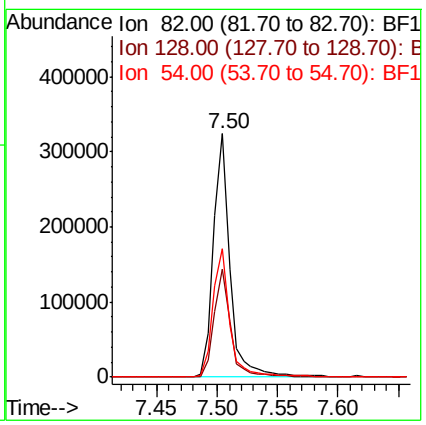


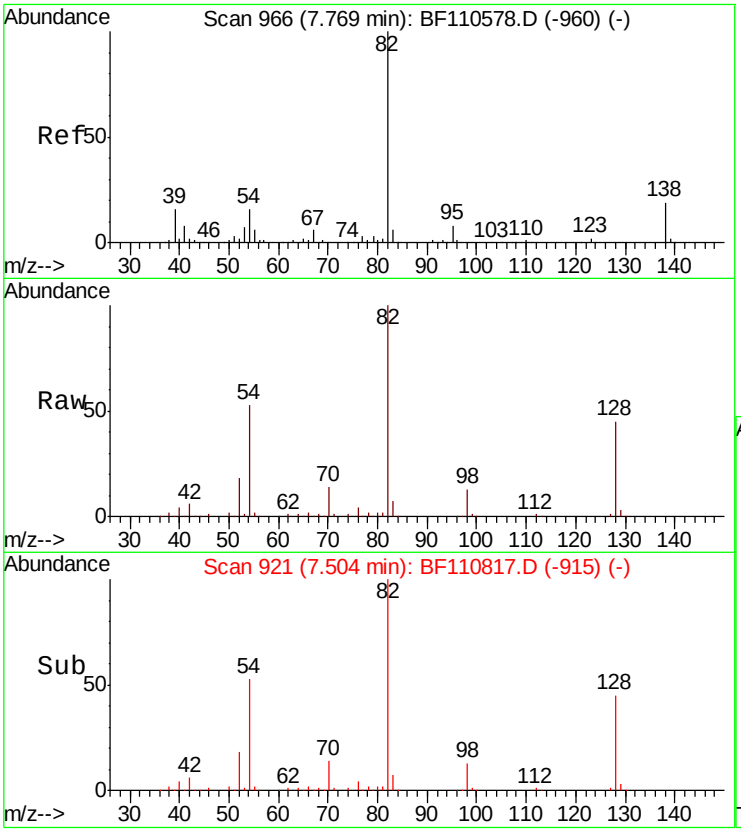


#23
Nitrobenzene-d5
Concen: 63.533 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF110817.D
Acq: 16 Nov 2018 15:31

Tgt Ion: 82 Resp: 307051

Ion	Ratio	Lower	Upper
82	100		
128	44.5	34.2	51.2
54	52.5	38.6	58.0



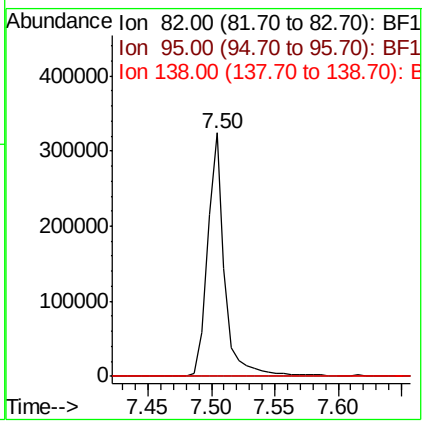


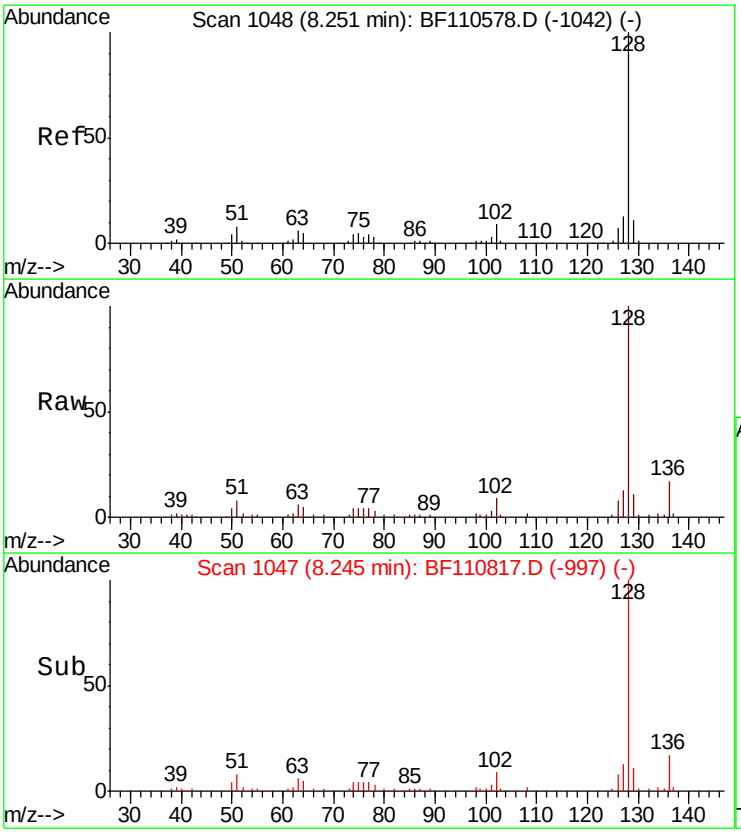
#25
Isophorone
Concen: 38.763 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.26 min
Lab File: BF110817.D
Acq: 16 Nov 2018 15:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 307047

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	13.2	19.8#

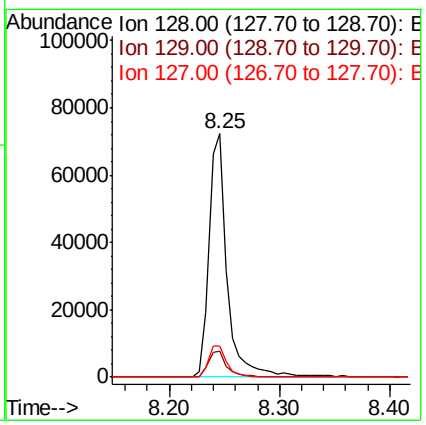


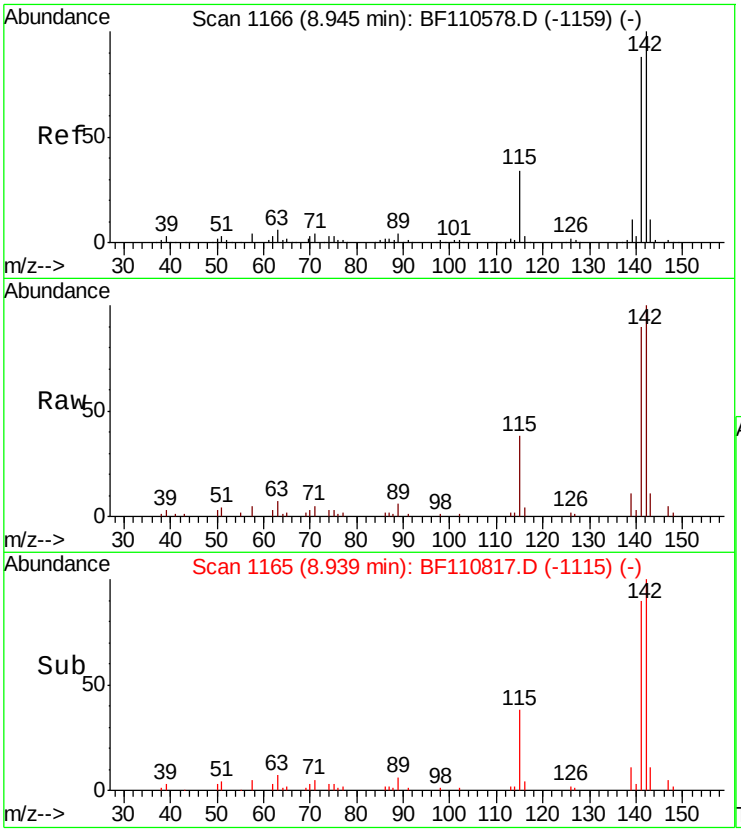


#31
Naphthalene
Concen: 6.170 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF110817.D
Acq: 16 Nov 2018 15:31

Tgt Ion:128 Resp: 80623

Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.8	13.2
127	12.7	10.8	16.2



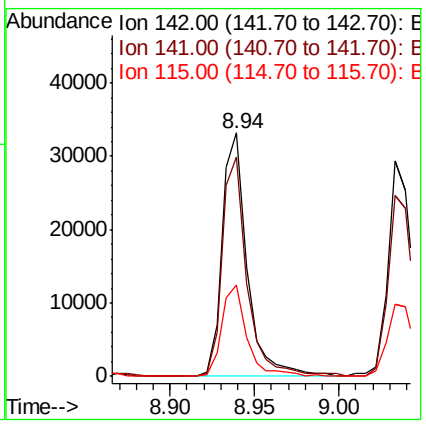


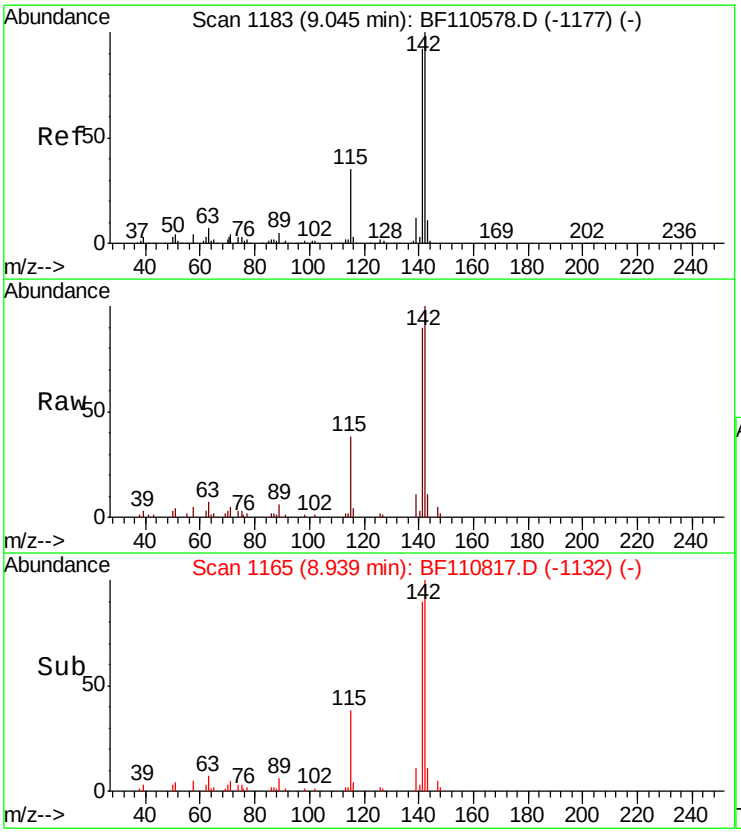
#37
2-Methylnaphthalene
Concen: 3.982 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF110817.D
Acq: 16 Nov 2018 15:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 34103

Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.4	107.2
115	37.7	28.7	43.1

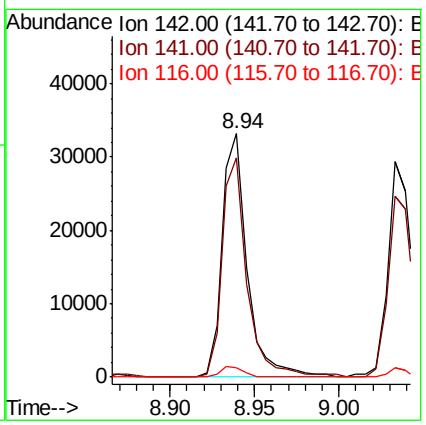


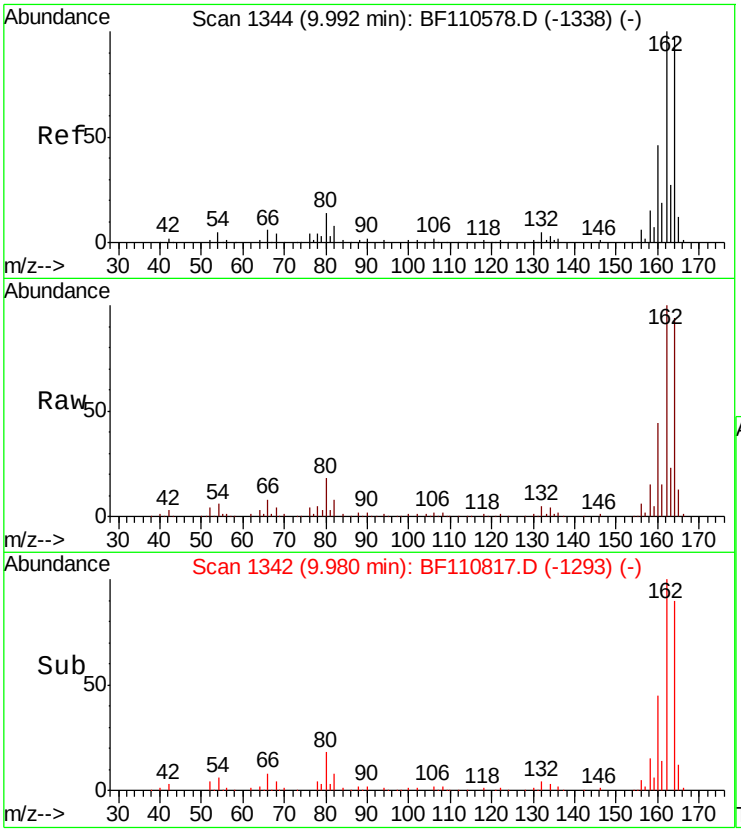


#38
1-Methylnaphthalene
Concen: 4.140 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.11 min
Lab File: BF110817.D
Acq: 16 Nov 2018 15:31

Tgt Ion:142 Resp: 34103

Ion	Ratio	Lower	Upper
142	100		
141	90.0	74.2	111.4
116	3.9	2.6	4.0



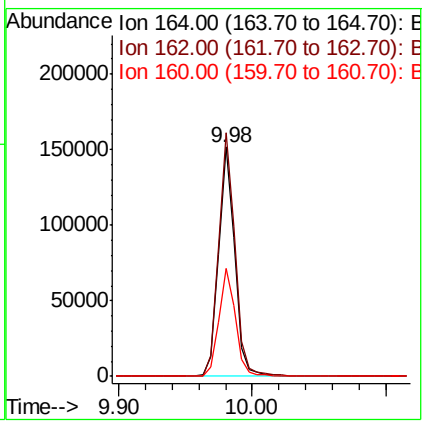


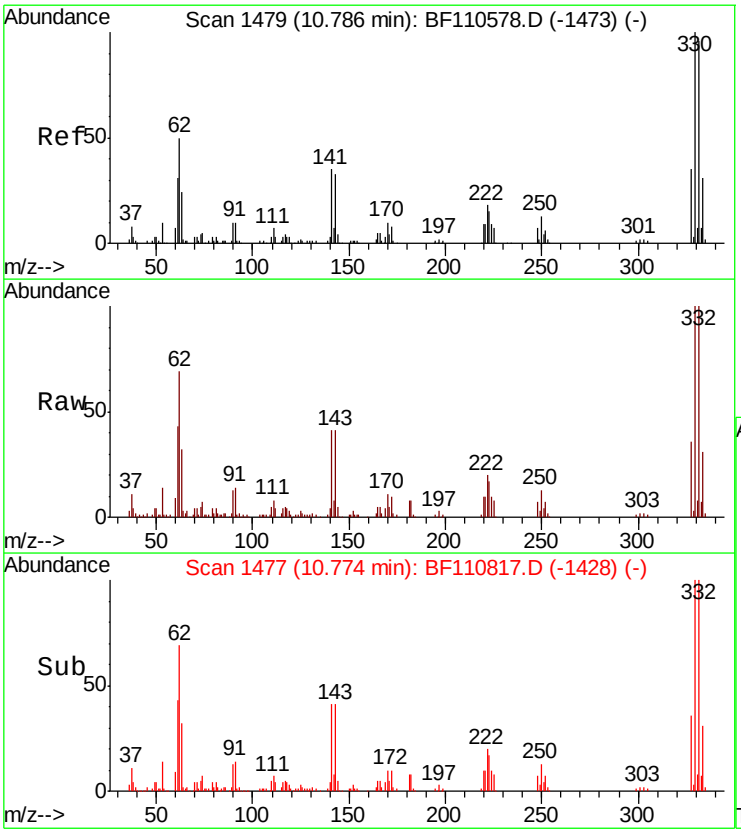
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF110817.D
Acq: 16 Nov 2018 15:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 130756

Ion	Ratio	Lower	Upper
164	100		
162	106.3	83.0	124.6
160	47.2	37.0	55.6

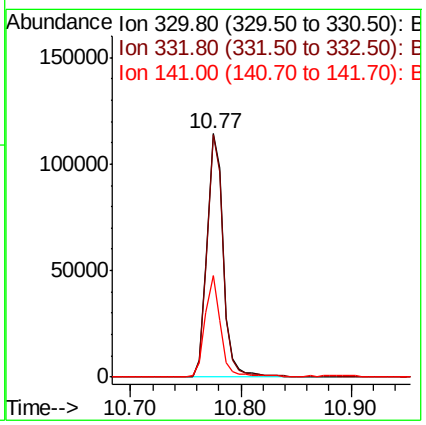


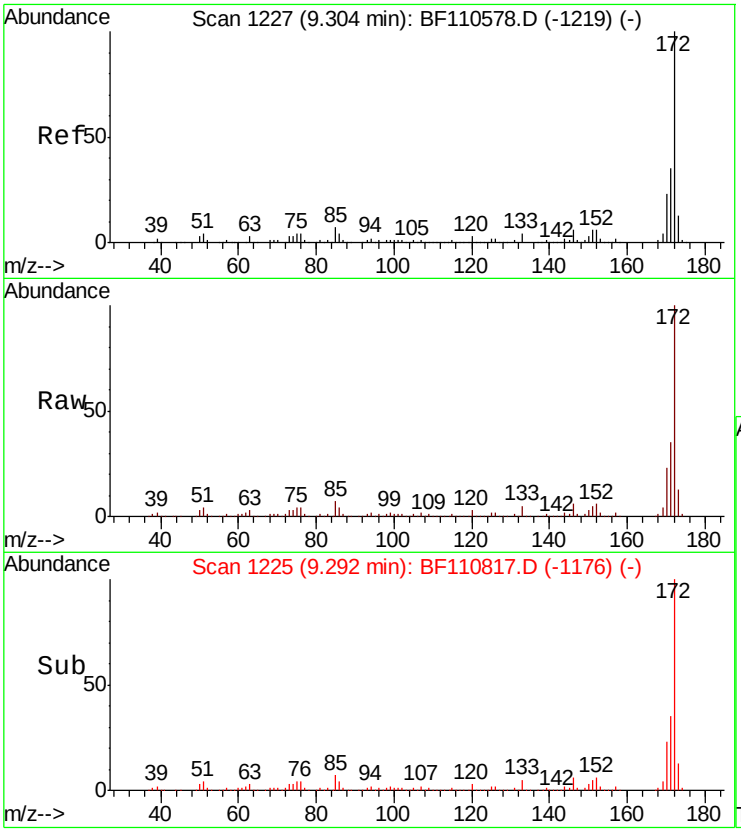


#42
2,4,6-Tribromophenol
Concen: 86.415 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BF110817.D
Acq: 16 Nov 2018 15:31

Tgt Ion:330 Resp: 113854

Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.1	115.7
141	38.6	27.0	40.4



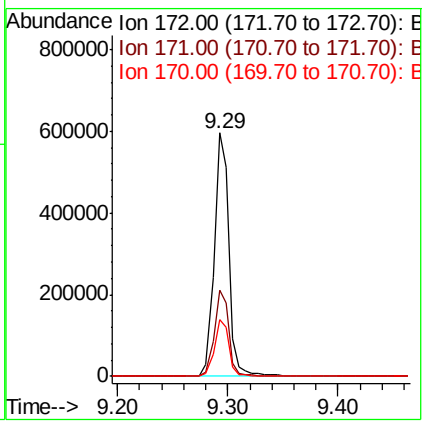


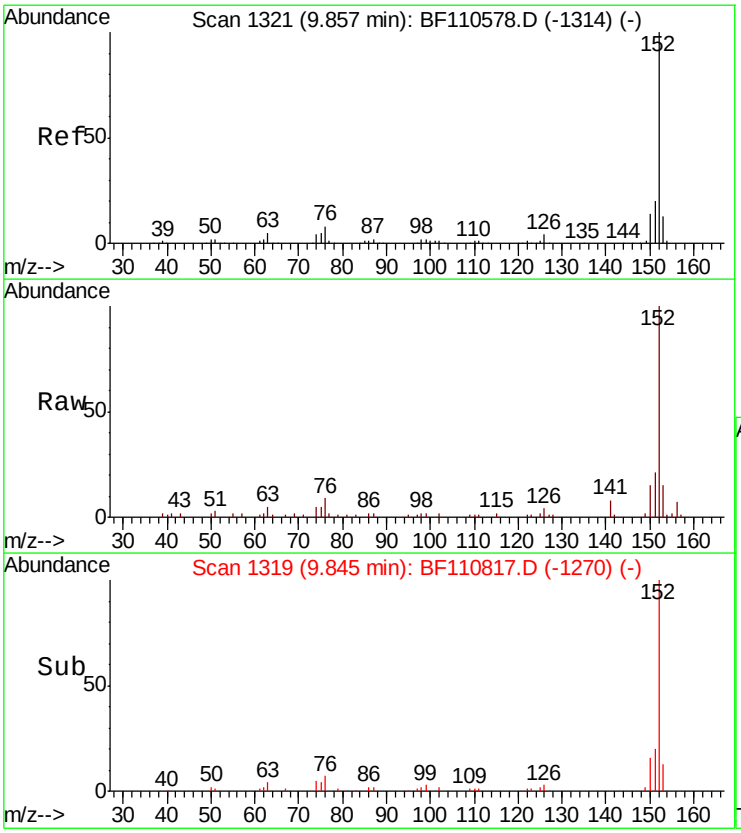
#45
2-Fluorobiphenyl
Concen: 59.690 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF110817.D
Acq: 16 Nov 2018 15:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 546488

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.6	43.0
170	23.2	19.7	29.5

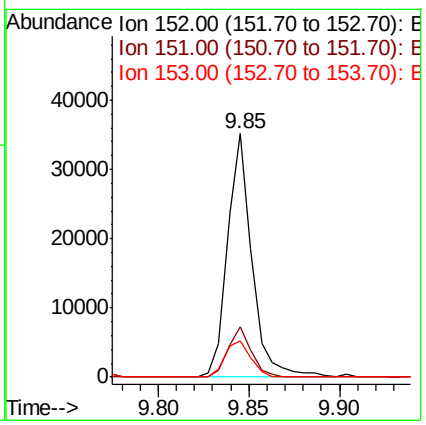


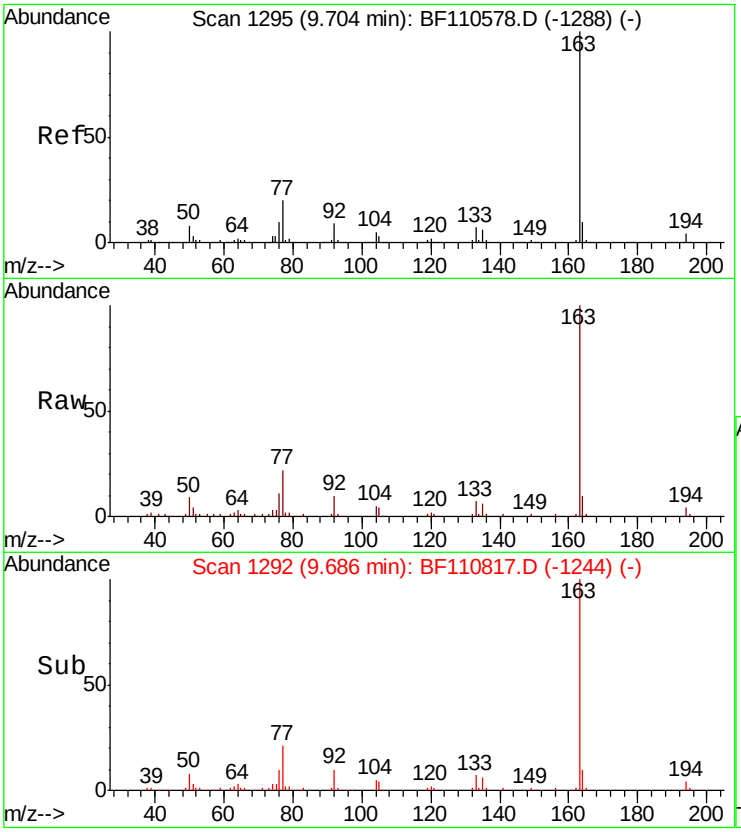


#49
Acenaphthylene
Concen: 2.613 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF110817.D
Acq: 16 Nov 2018 15:31

Tgt Ion:152 Resp: 33071

Ion	Ratio	Lower	Upper
152	100		
151	20.9	15.8	23.8
153	14.9	10.4	15.6

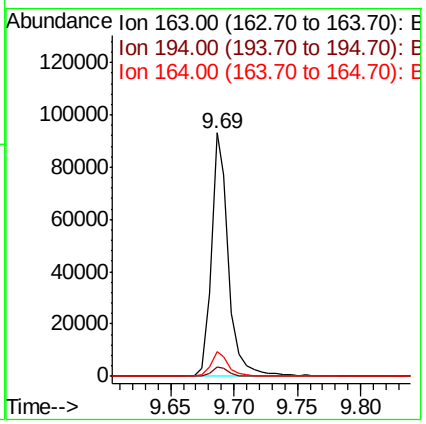




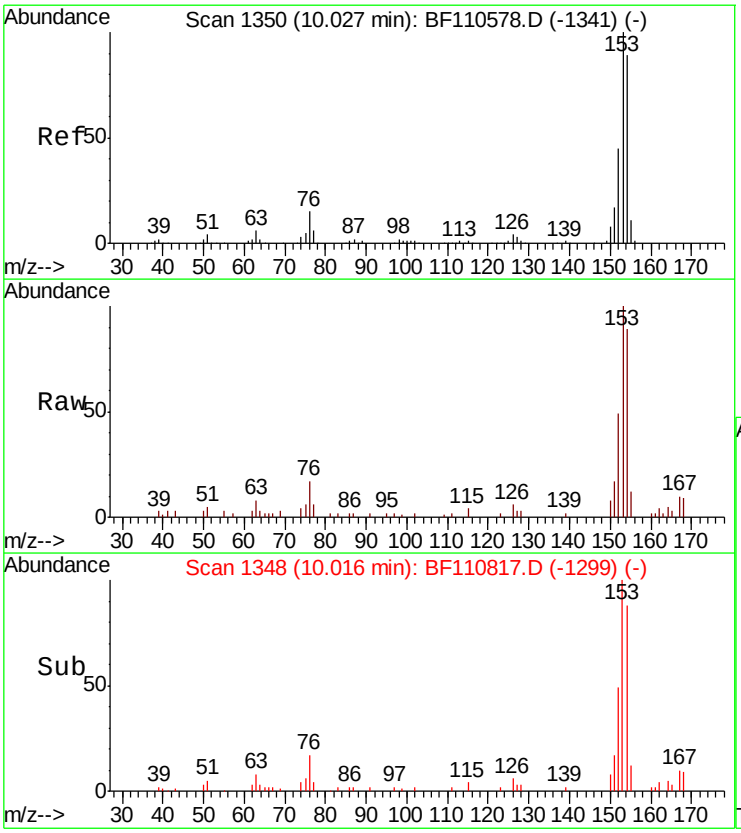
#50
Dimethylphthalate
Concen: 9.067 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.02 min
Lab File: BF110817.D
Acq: 16 Nov 2018 15:31

Tgt Ion:163 Resp: 88465

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	10.4	8.1	12.1



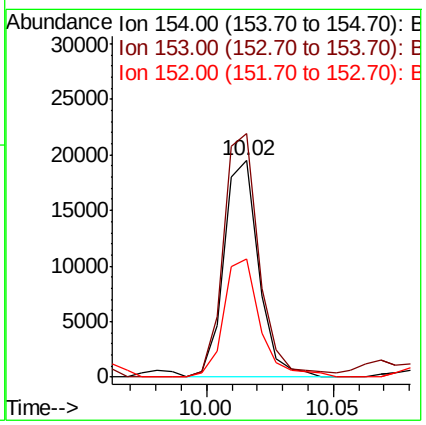
Instrument :
BNA_F
ClientSampleId :

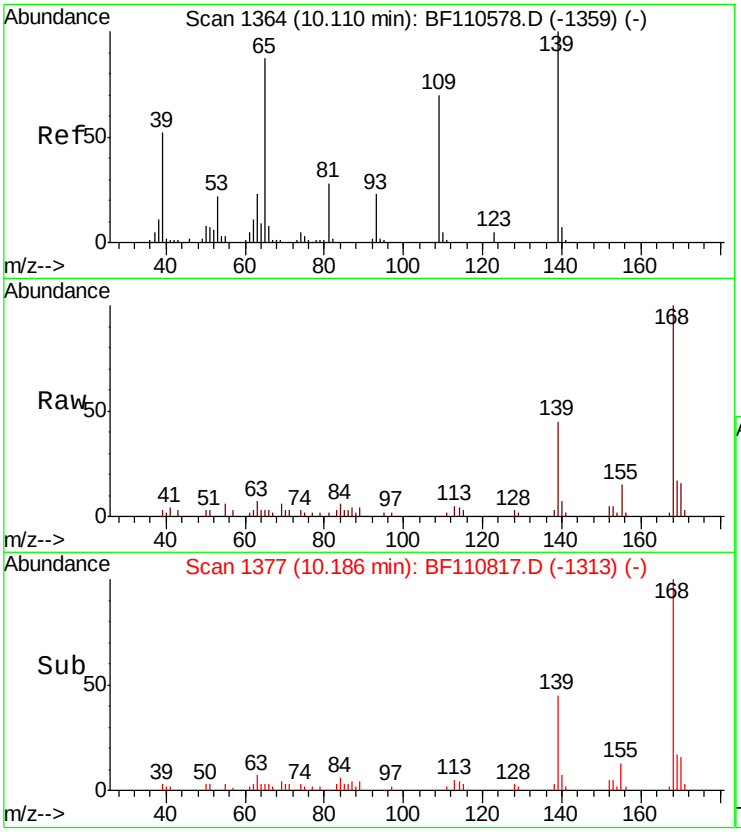


#52
Acenaphthene
Concen: 2.325 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF110817.D
Acq: 16 Nov 2018 15:31

Tgt Ion:154 Resp: 18594

Ion	Ratio	Lower	Upper
154	100		
153	112.6	90.1	135.1
152	54.6	43.4	65.2



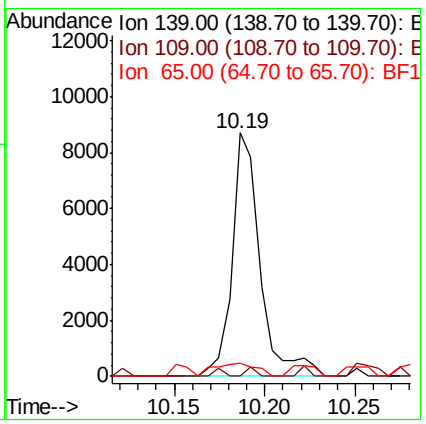


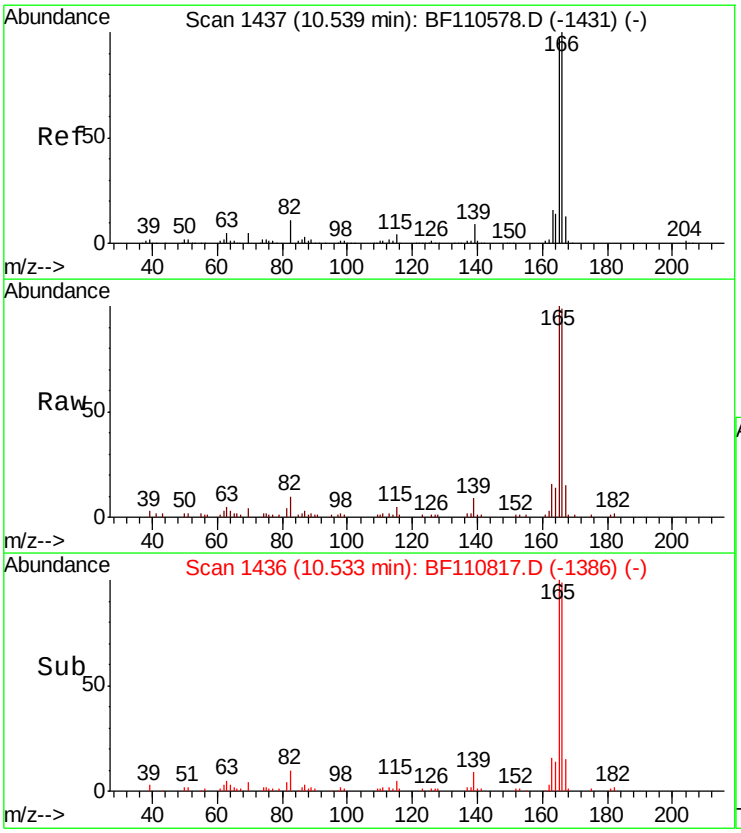
#56
4-Nitrophenol
Concen: 5.668 ng
RT: 10.19 min Scan# 1377
Delta R.T. 0.08 min
Lab File: BF110817.D
Acq: 16 Nov 2018 15:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 9350

Ion	Ratio	Lower	Upper
139	100		
109	0.0	55.8	95.8#
65	5.7	77.9	117.9#

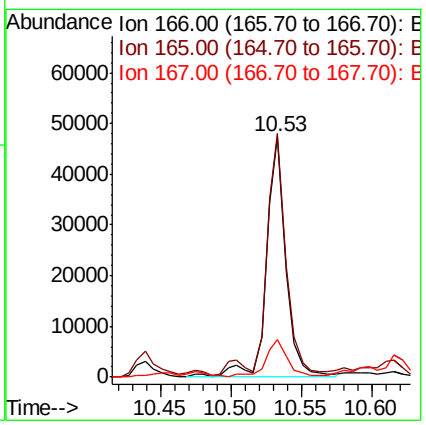


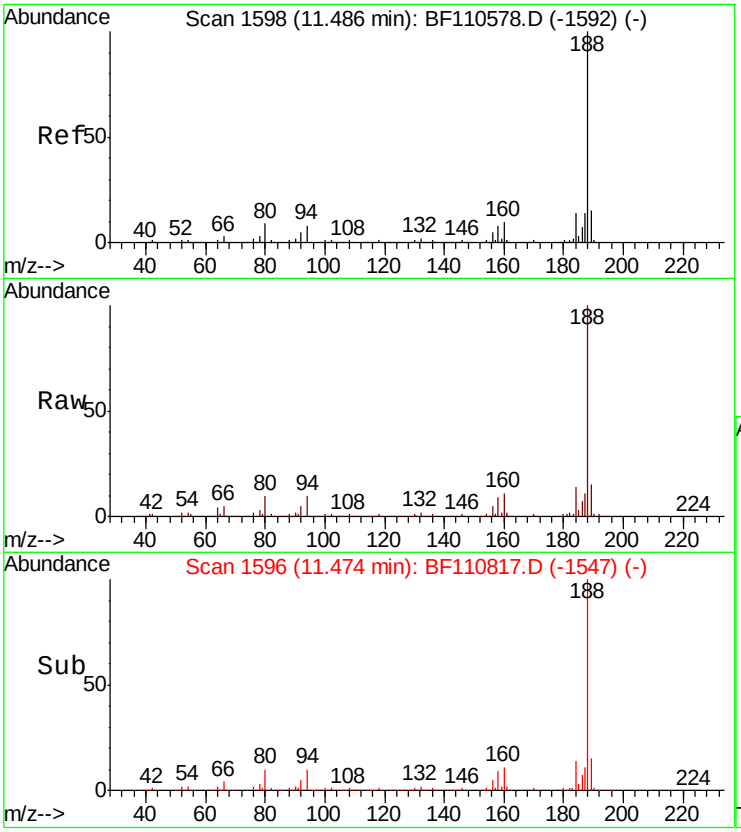


#58
Fluorene
Concen: 5.137 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF110817.D
Acq: 16 Nov 2018 15:31

Tgt Ion:166 Resp: 46168

Ion	Ratio	Lower	Upper
166	100		
165	101.5	78.6	117.8
167	15.5	10.8	16.2



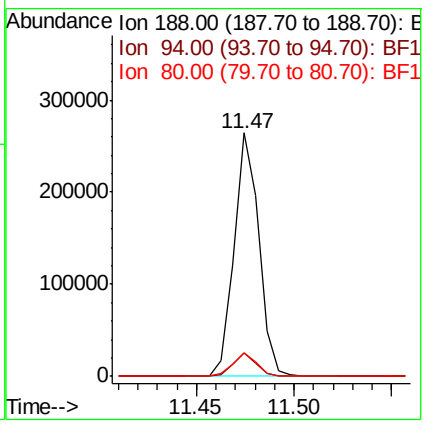


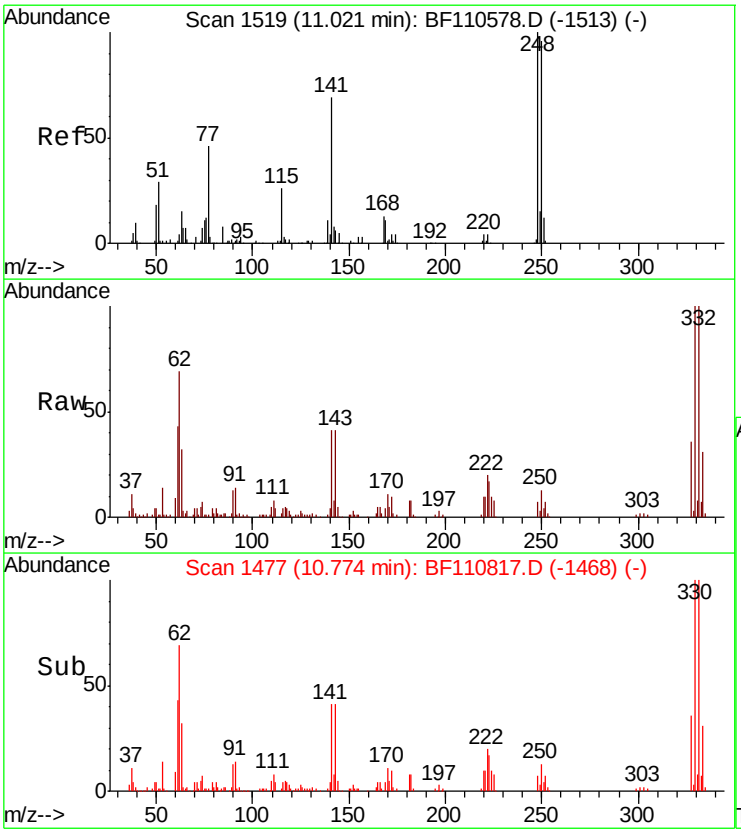
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.01 min
Lab File: BF110817.D
Acq: 16 Nov 2018 15:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 232577

Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.2	10.8
80	9.9	7.9	11.9

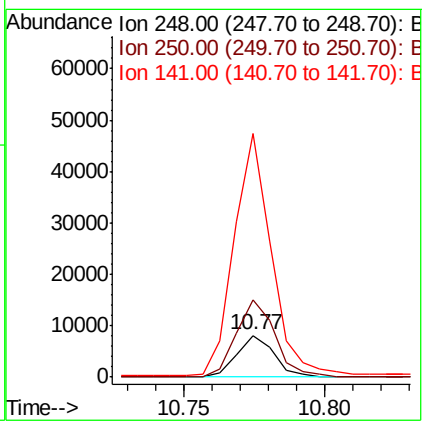


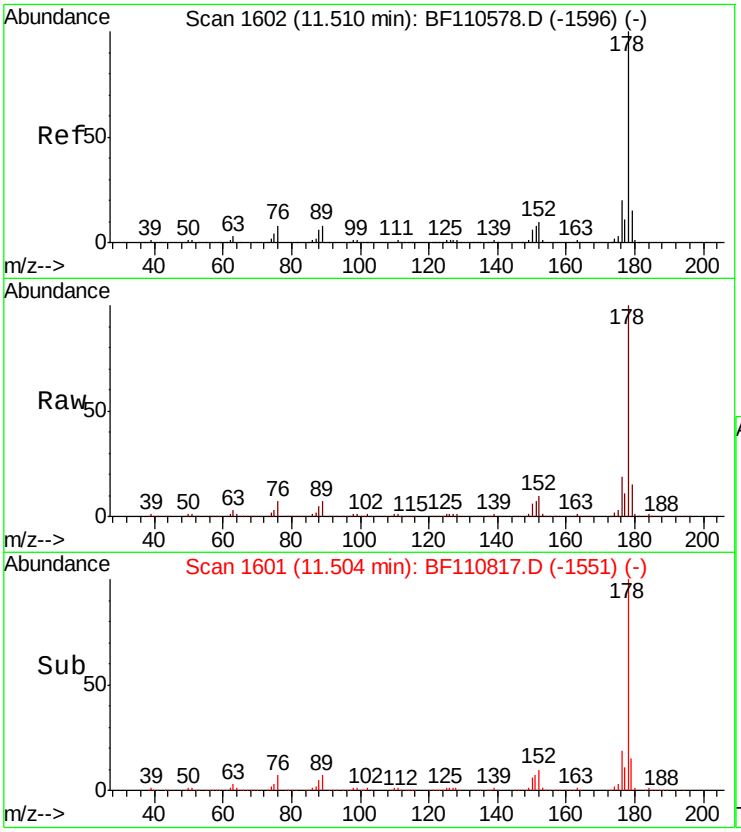


#67
4-Bromophenyl-phenylether
Concen: 2.896 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.25 min
Lab File: BF110817.D
Acq: 16 Nov 2018 15:31

Tgt Ion:248 Resp: 7444

Ion	Ratio	Lower	Upper
248	100		
250	186.3	79.4	119.2#
141	586.9	55.9	83.9#



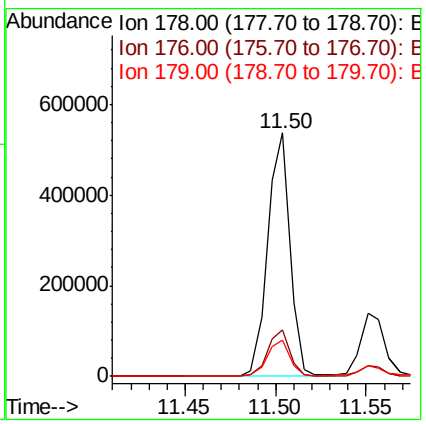


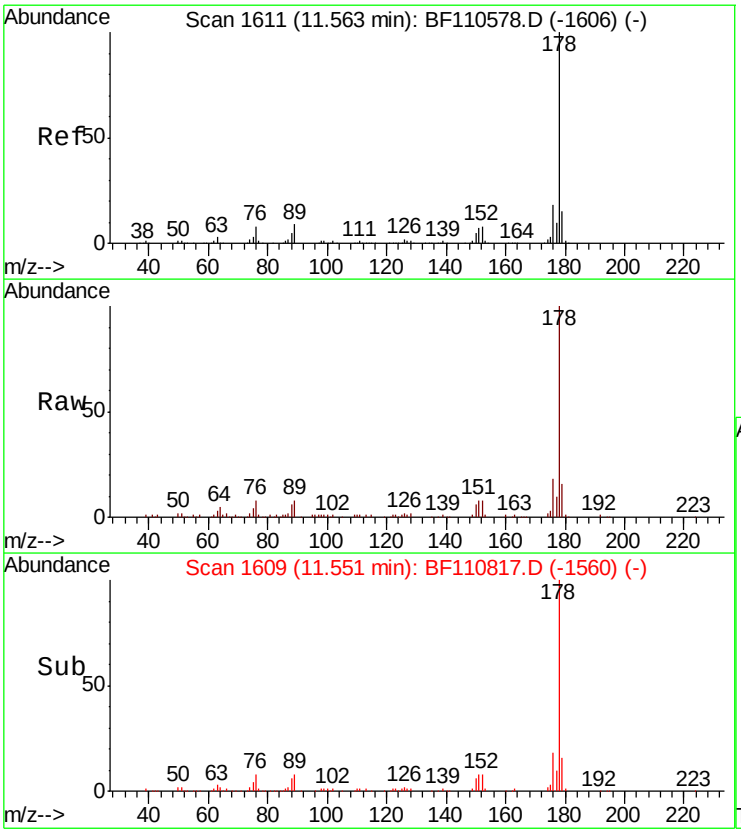
#71
Phenanthrene
Concen: 36.978 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110817.D
Acq: 16 Nov 2018 15:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 460760

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.5	23.3
179	15.1	12.5	18.7

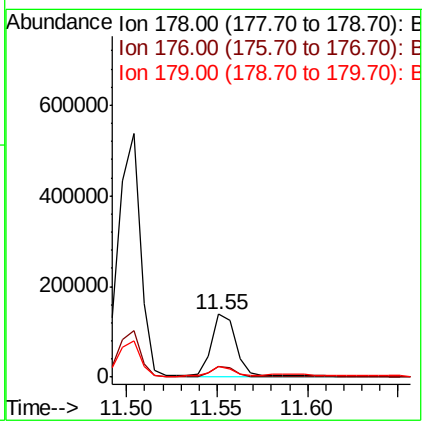


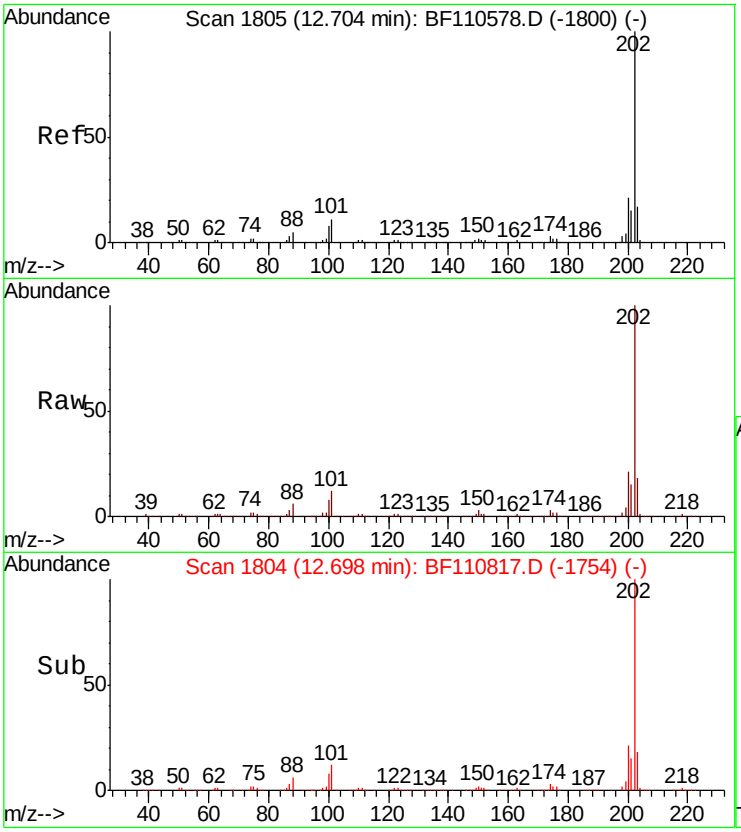


#72
Anthracene
Concen: 10.460 ng
RT: 11.55 min Scan# 1609
Delta R.T. -0.01 min
Lab File: BF110817.D
Acq: 16 Nov 2018 15:31

Tgt Ion:178 Resp: 131476

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.4	23.2
179	16.2	12.6	18.8



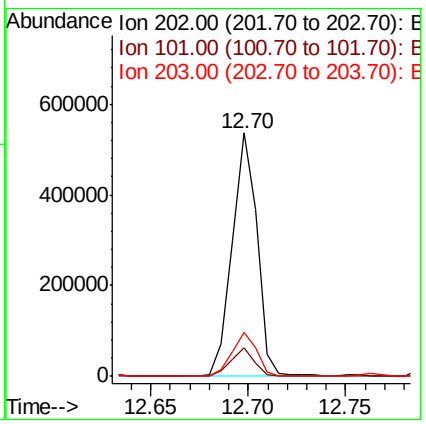


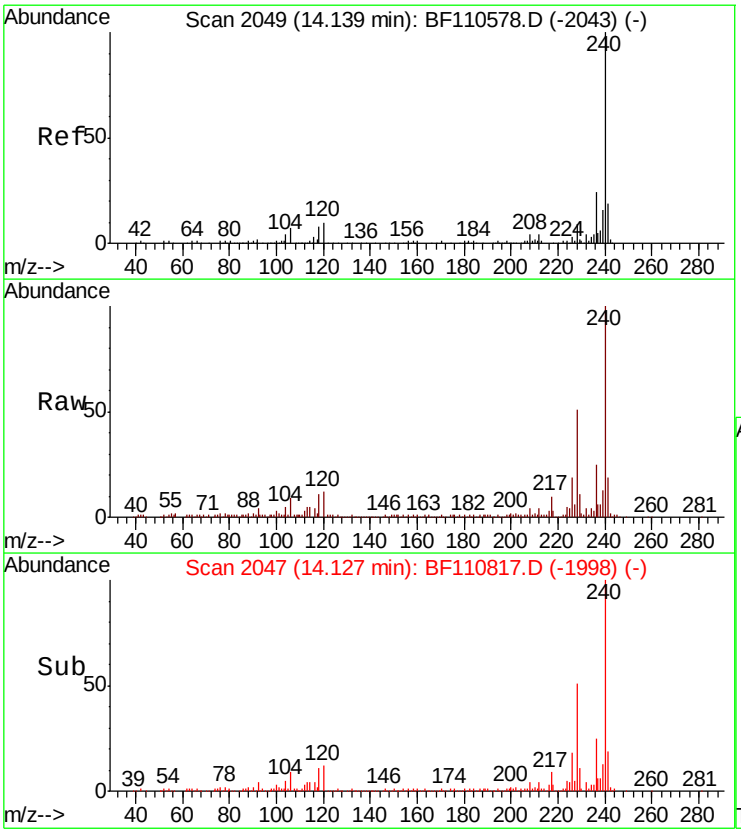
#75
Fluoranthene
Concen: 37.943 ng
RT: 12.70 min Scan# 1804
Delta R.T. -0.01 min
Lab File: BF110817.D
Acq: 16 Nov 2018 15:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 473997

Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	31.4
203	17.9	0.0	37.7

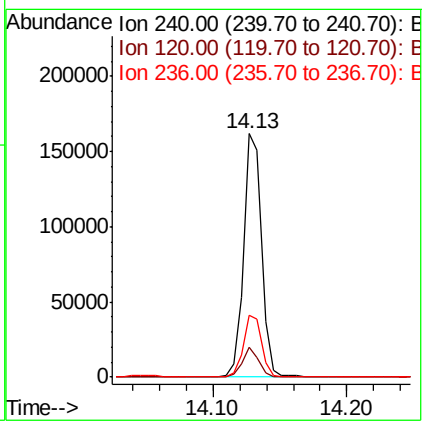


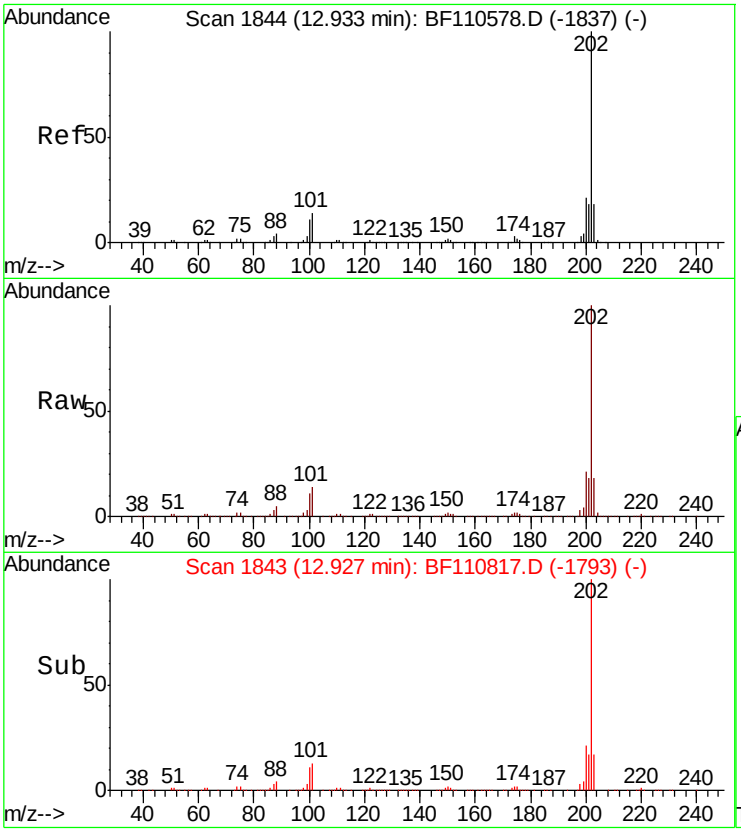


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110817.D
Acq: 16 Nov 2018 15:31

Tgt Ion:240 Resp: 149088

Ion	Ratio	Lower	Upper
240	100		
120	12.1	8.3	12.5
236	25.2	21.2	31.8



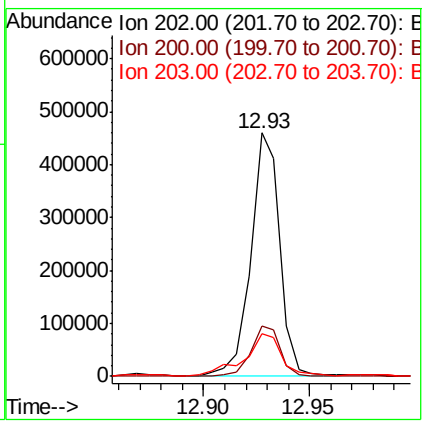


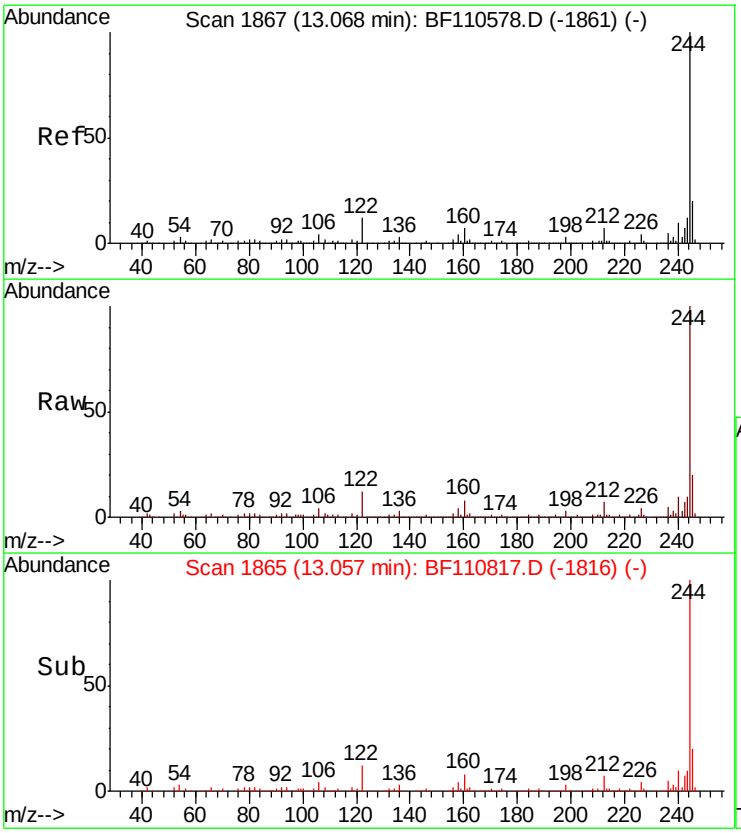
#78
Pyrene
Concen: 37.928 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF110817.D
Acq: 16 Nov 2018 15:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 435387

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.8	26.6
203	17.5	14.2	21.4

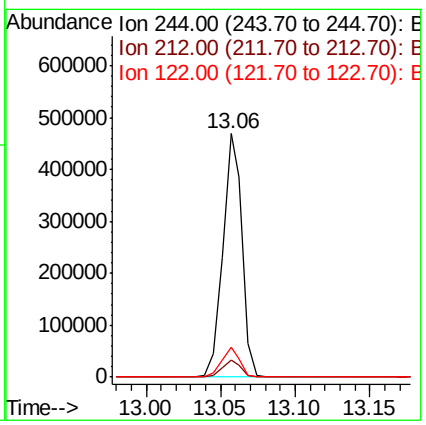


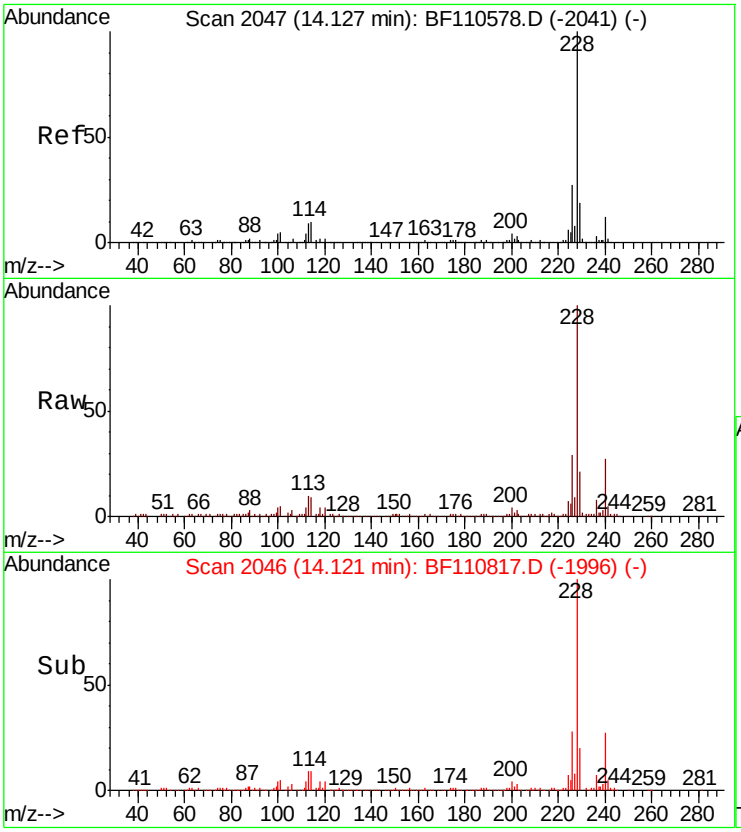


#79
Terphenyl-d14
Concen: 53.497 ng
RT: 13.06 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BF110817.D
Acq: 16 Nov 2018 15:31

Tgt Ion:244 Resp: 425882

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	12.4	8.7	13.1



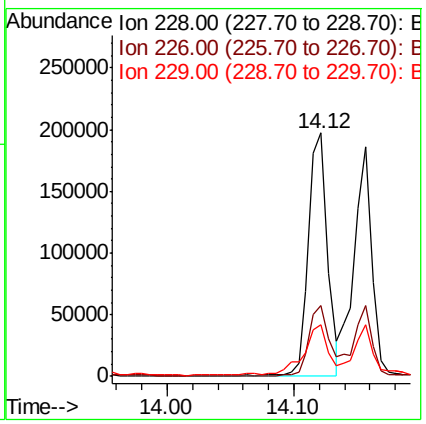


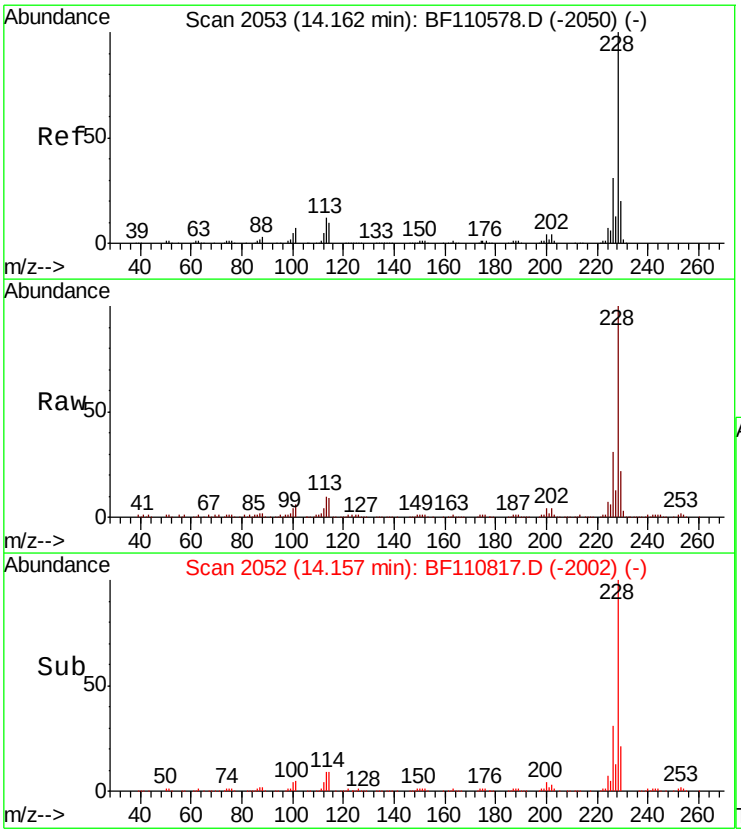
#81
Benzo(a)anthracene
Concen: 22.896 ng
RT: 14.12 min Scan# 2046
Delta R.T. -0.01 min
Lab File: BF110817.D
Acq: 16 Nov 2018 15:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 204026

Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.1	33.1
229	21.0	15.6	23.4

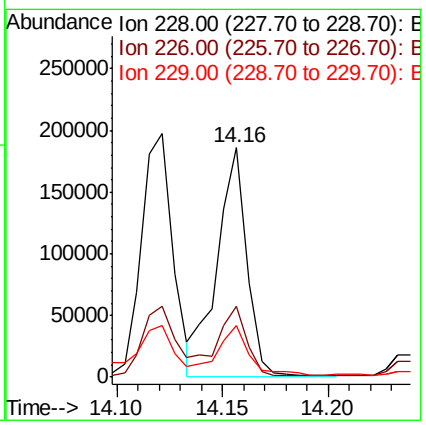


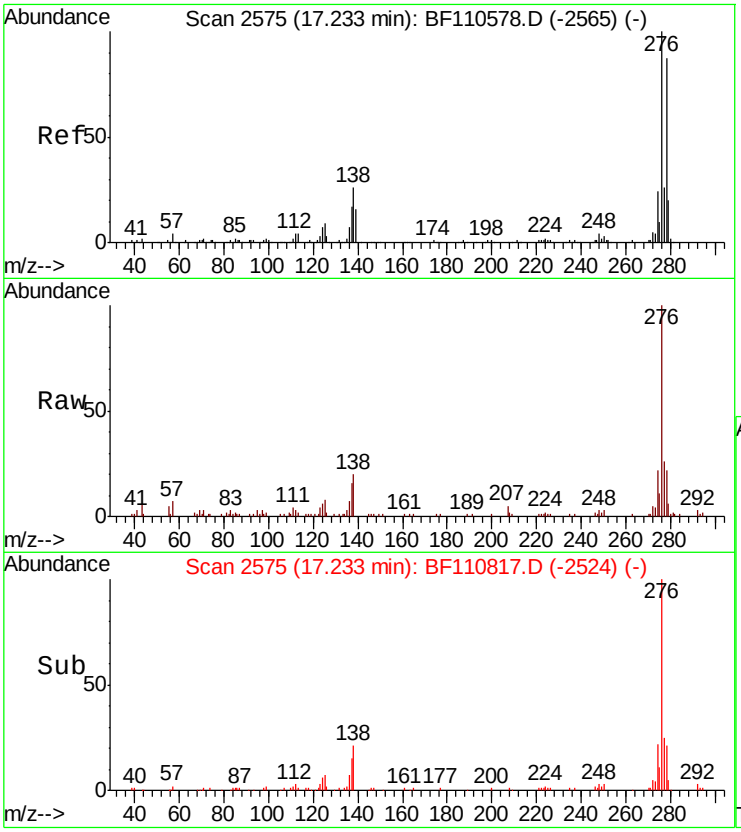


#83
Chrysene
Concen: 21.288 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BF110817.D
Acq: 16 Nov 2018 15:31

Tgt Ion:228 Resp: 180732

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.7	37.1
229	22.3	15.9	23.9



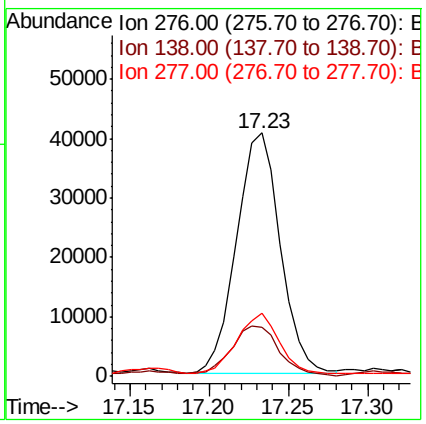


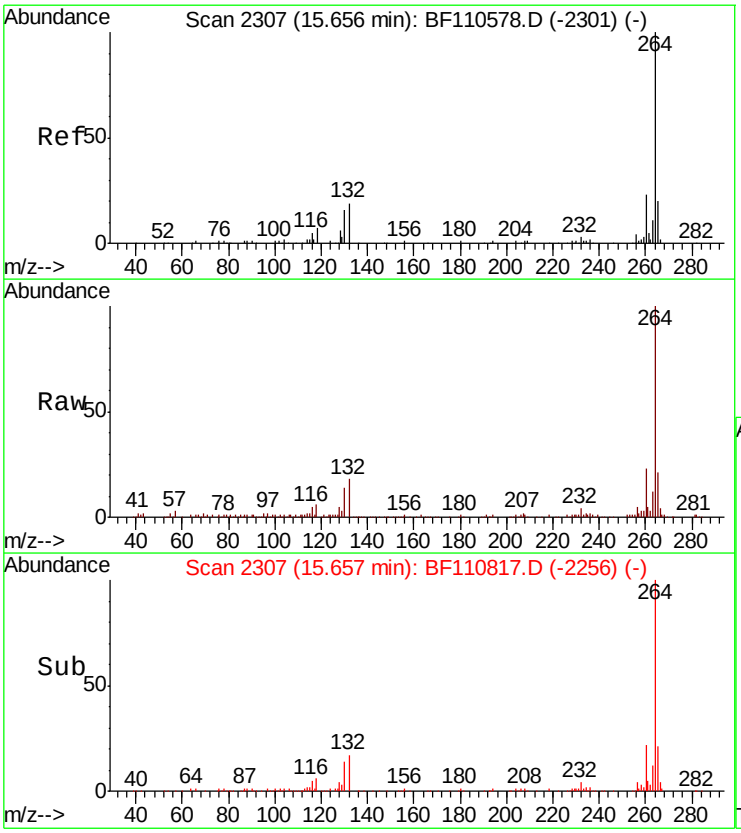
#86
Indeno(1,2,3-cd)pyrene
Concen: 12.744 ng
RT: 17.23 min Scan# 2575
Delta R.T. 0.00 min
Lab File: BF110817.D
Acq: 16 Nov 2018 15:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 77640

Ion	Ratio	Lower	Upper
276	100		
138	23.8	18.5	27.7
277	24.2	20.0	30.0

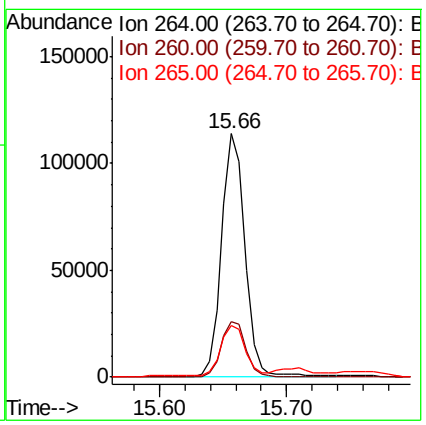


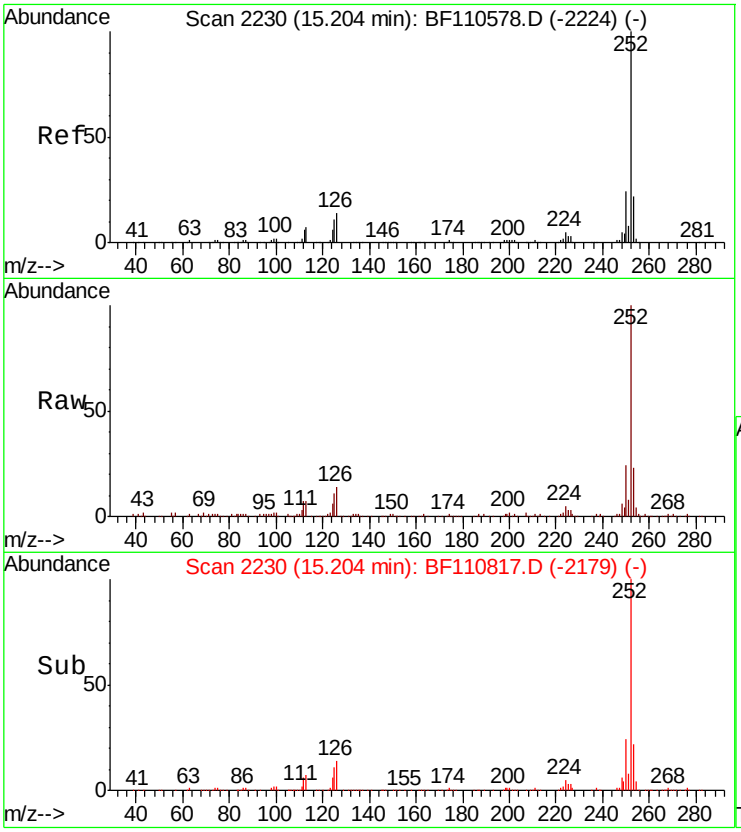


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110817.D
Acq: 16 Nov 2018 15:31

Tgt Ion:264 Resp: 146960

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.7	28.1
265	21.4	16.7	25.1



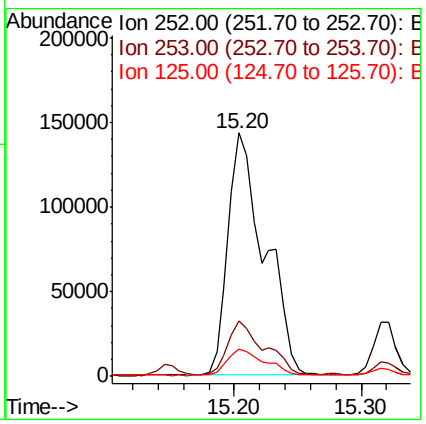


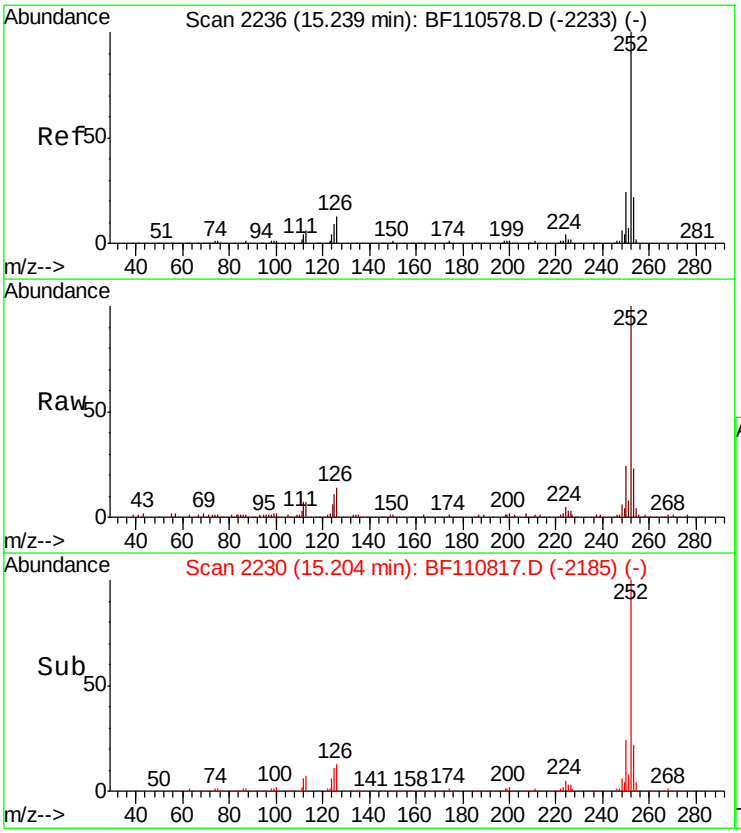
#88
Benzo(b)fluoranthene
Concen: 32.633 ng
RT: 15.20 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BF110817.D
Acq: 16 Nov 2018 15:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 286900

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.2	25.8
125	11.4	8.2	12.4

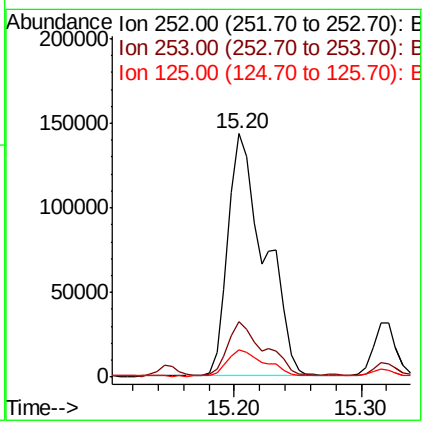


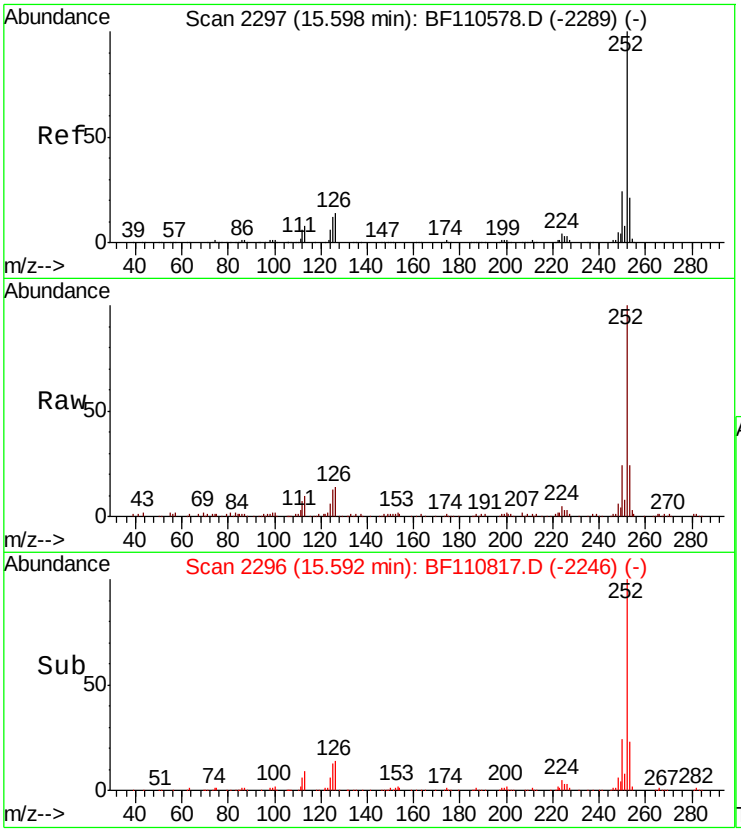


#89
Benzo(k)fluoranthene
Concen: 33.026 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.04 min
Lab File: BF110817.D
Acq: 16 Nov 2018 15:31

Tgt Ion:252 Resp: 286900

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.2	25.8
125	11.4	7.4	11.0#



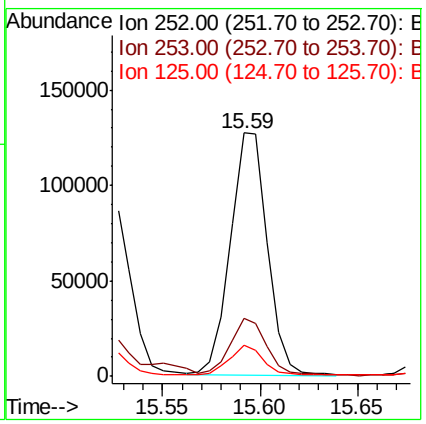


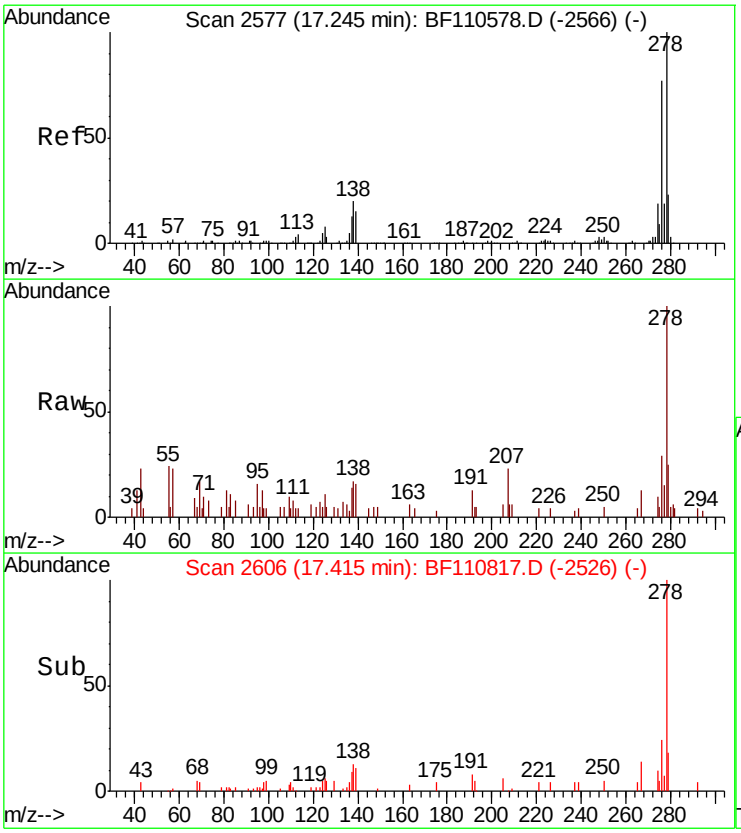
#90
Benzo(a)pyrene
Concen: 20.902 ng
RT: 15.59 min Scan# 2296
Delta R.T. -0.01 min
Lab File: BF110817.D
Acq: 16 Nov 2018 15:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 166963

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.2	27.4
125	13.0	9.0	13.6

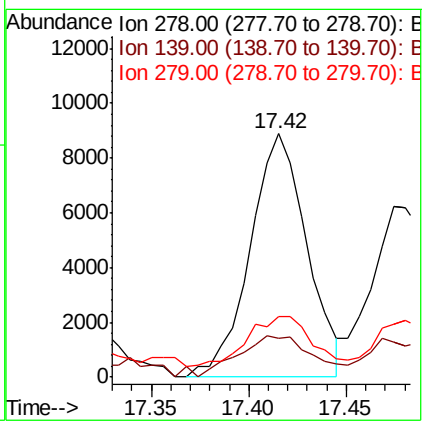


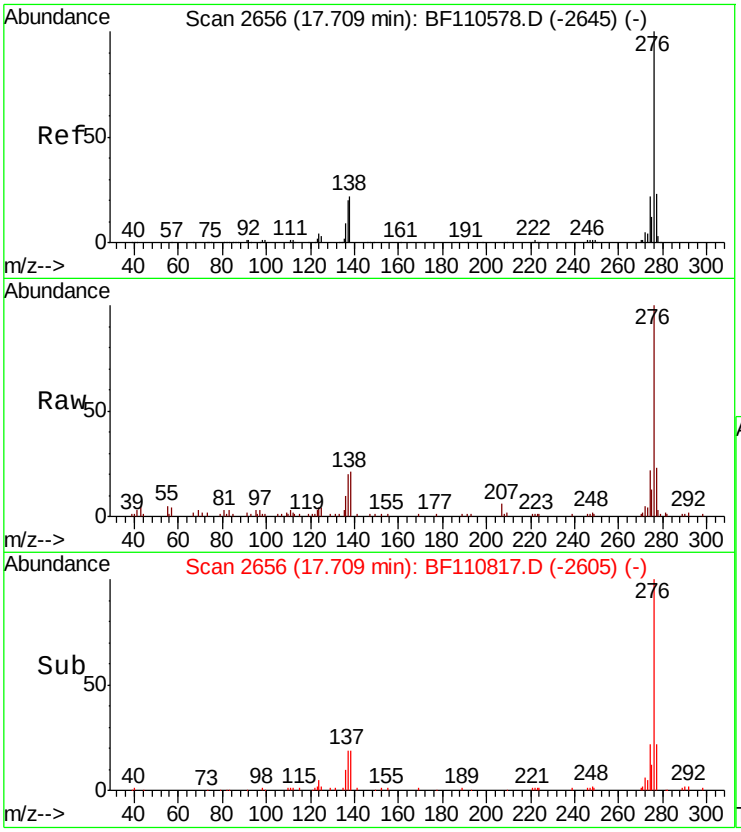


#91
Dibenzo(a,h)anthracene
Concen: 2.654 ng
RT: 17.42 min Scan# 2606
Delta R.T. 0.17 min
Lab File: BF110817.D
Acq: 16 Nov 2018 15:31

Tgt Ion:278 Resp: 17939

Ion	Ratio	Lower	Upper
278	100		
139	16.0	12.7	19.1
279	24.9	19.0	28.4





#92
Benzo(g,h,i)perylene
Concen: 11.339 ng
RT: 17.71 min Scan# 2656
Delta R.T. 0.00 min
Lab File: BF110817.D
Acq: 16 Nov 2018 15:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 76048

Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.8	28.2
138	21.0	16.0	24.0