Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111918\
Data File : BF110846.D
Acq On : 19 Nov 2018 12:10
Operator : JU/SJ
Sample : J5977-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 19 12:48:13 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	67502	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	287436	20.00	ng		0.00
39) Acenaphthene-d10	9.98	164	136380	20.00	ng		-0.01
64) Phenanthrene-d10	11.47	188	241073	20.00	ng		-0.01
76) Chrysene-d12	14.13	240	149625	20.00	ng		0.00
87) Perylene-d12	15.66	264	153781	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	306839	73.84	ng		0.00
7) Phenol-d6	6.56	99	391144	73.60	ng		-0.01
23) Nitrobenzene-d5	7.50	82	253136	50.72	ng		-0.01
42) 2,4,6-Tribromophenol	10.77	330	96830	70.46	ng		-0.01
45) 2-Fluorobiphenyl	9.29	172	438845	45.96	ng		-0.01
79) Terphenyl-d14	13.06	244	325208	40.70	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.52	77	2293	Below Cal			92
10) Phenol	6.57	94	22649	3.676	ng		86
19) n-Nitroso-di-n-propylamine	7.50	70	33807	9.966	ng	#	79
25) Isophorone	7.50	82	253135	30.944	ng	#	67
31) Naphthalene	8.25	128	118106	8.753	ng		99
33) 4-Chloroaniline	8.25	127	14975	2.450	ng	#	37
37) 2-Methylnaphthalene	8.94	142	24712	2.794	ng		97
38) 1-Methylnaphthalene	9.03	142	18857	2.217	ng	#	97
50) Dimethylphthalate	9.69	163	109640	10.774	ng		99
52) Acenaphthene	10.01	154	53093	6.365	ng		96
55) Dibenzofuran	10.19	168	49471	4.053	ng		97
56) 4-Nitrophenol	10.19	139	19429	11.292	ng	#	8
58) Fluorene	10.53	166	75139	8.015	ng		99
67) 4-Bromophenyl-phenylether	10.77	248	6105	2.291	ng	#	1
71) Phenanthrene	11.50	178	708081	54.824	ng		100
72) Anthracene	11.55	178	204739	15.715	ng		98
73) Carbazole	11.71	167	50654	4.048	ng		98
75) Fluoranthene	12.70	202	794228	61.337	ng		100
78) Pyrene	12.93	202	689144	59.818	ng		99
81) Benzo(a)anthracene	14.12	228	349216	39.048	ng		99
83) Chrysene	14.16	228	277563	32.577	ng		97
86) Indeno(1,2,3-cd)pyrene	17.24	276	154068	25.199	ng		97
88) Benzo(b)fluoranthene	15.21	252	506616	55.069	ng		98
89) Benzo(k)fluoranthene	15.21	252	506694	55.740	ng	#	97
90) Benzo(a)pyrene	15.60	252	298776	35.745	ng		100
91) Dibenzo(a,h)anthracene	17.42	278	34265	4.844	ng		96
92) Benzo(g,h,i)perylene	17.72	276	141552	20.169	ng		96

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

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Acq On : 19 Nov 2018 12:10
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QLast Update : Tue Nov 13 12:43:10 2018
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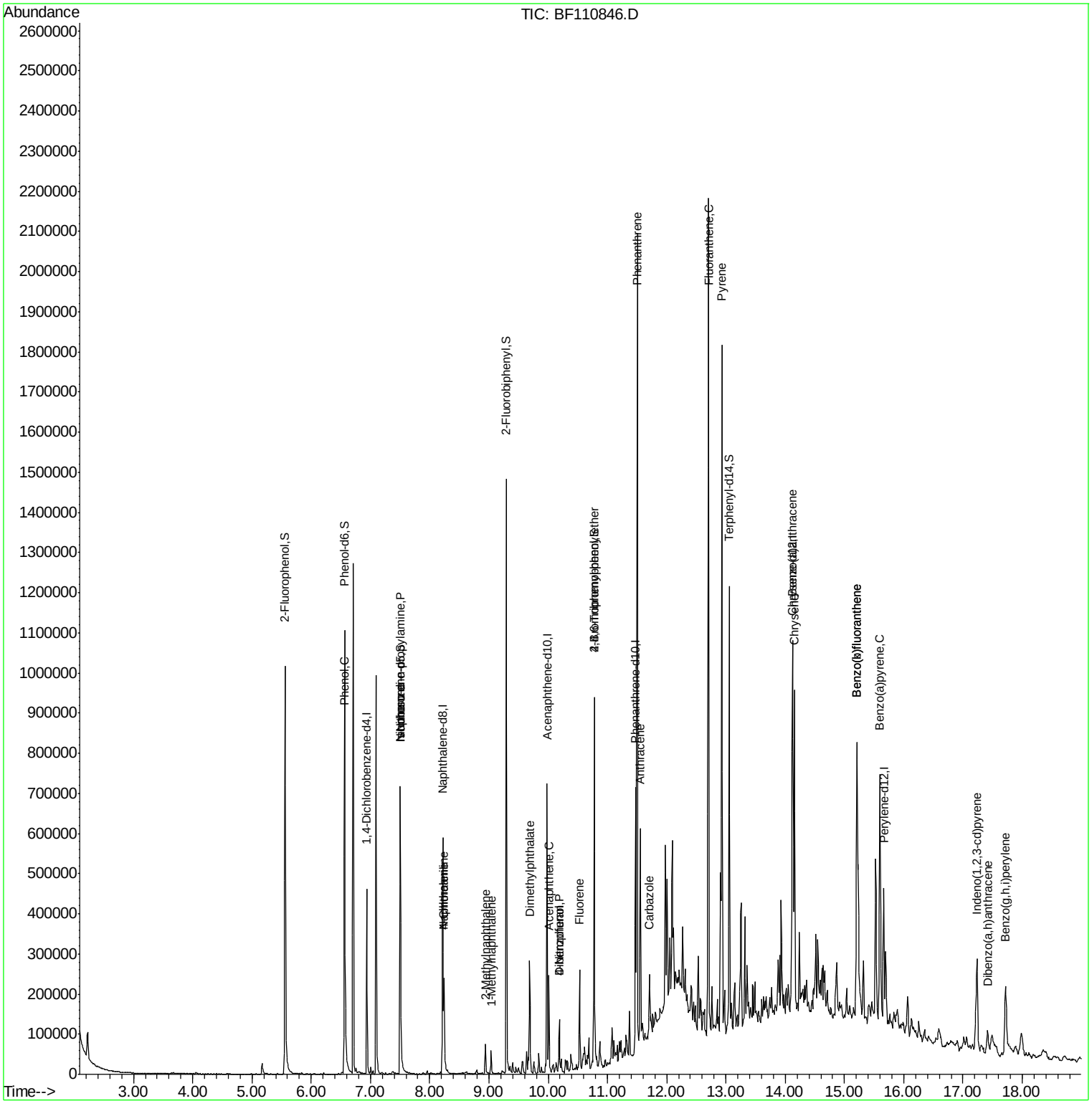
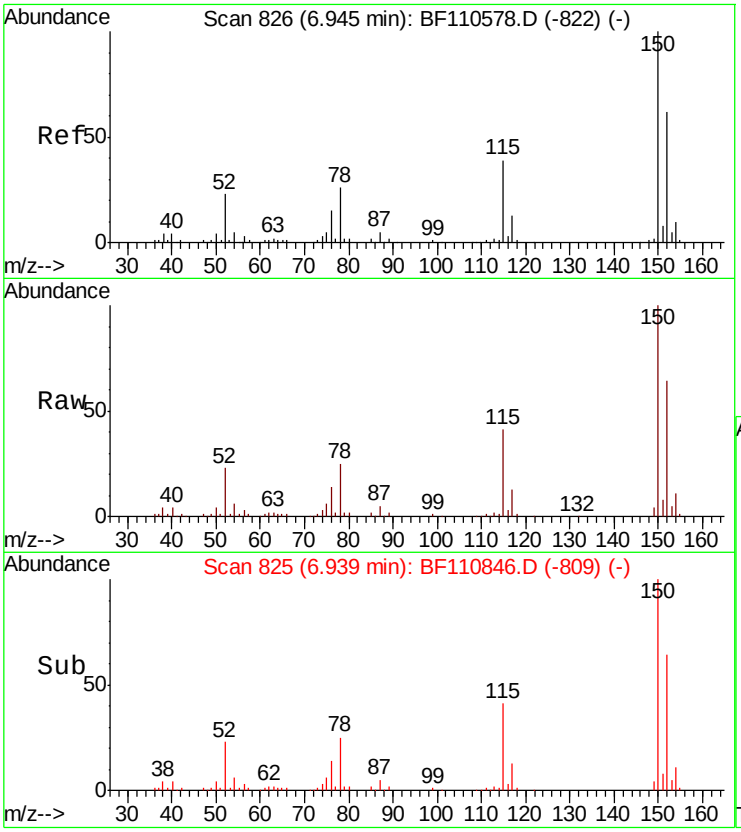


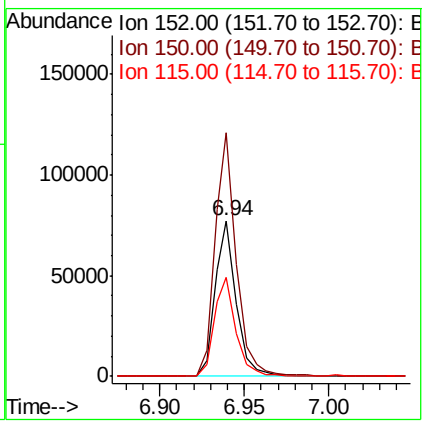


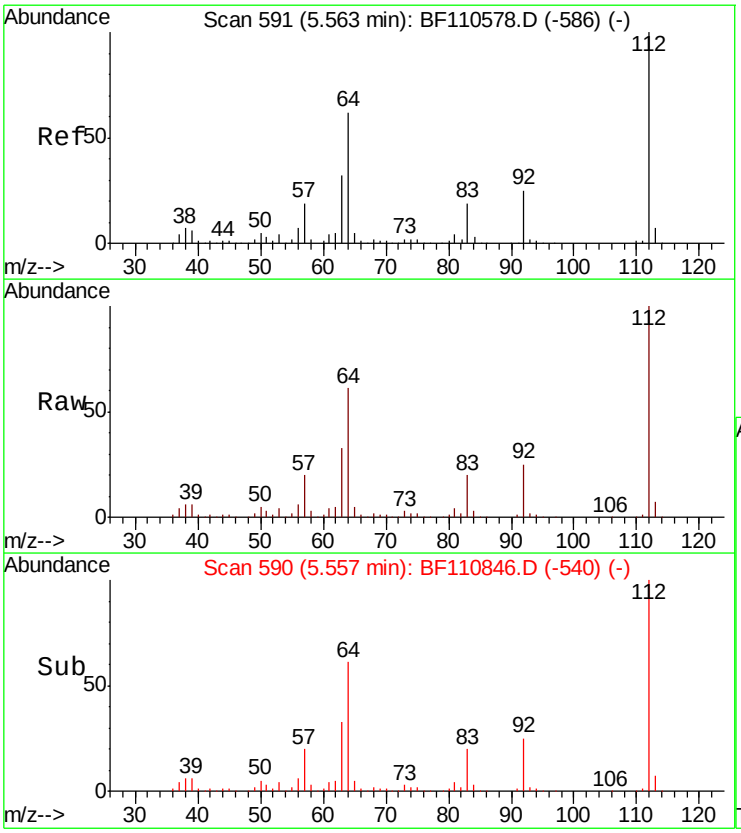
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110846.D
Acq: 19 Nov 2018 12:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 67502

Ion	Ratio	Lower	Upper
152	100		
150	156.5	122.7	184.1
115	63.5	49.1	73.7

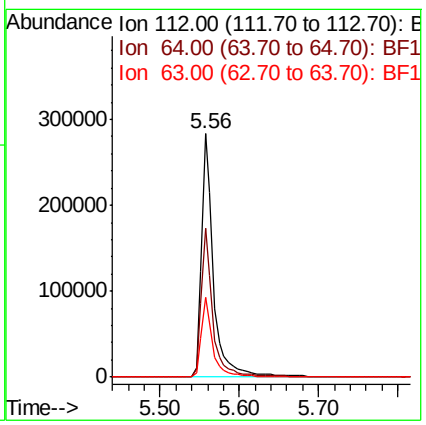


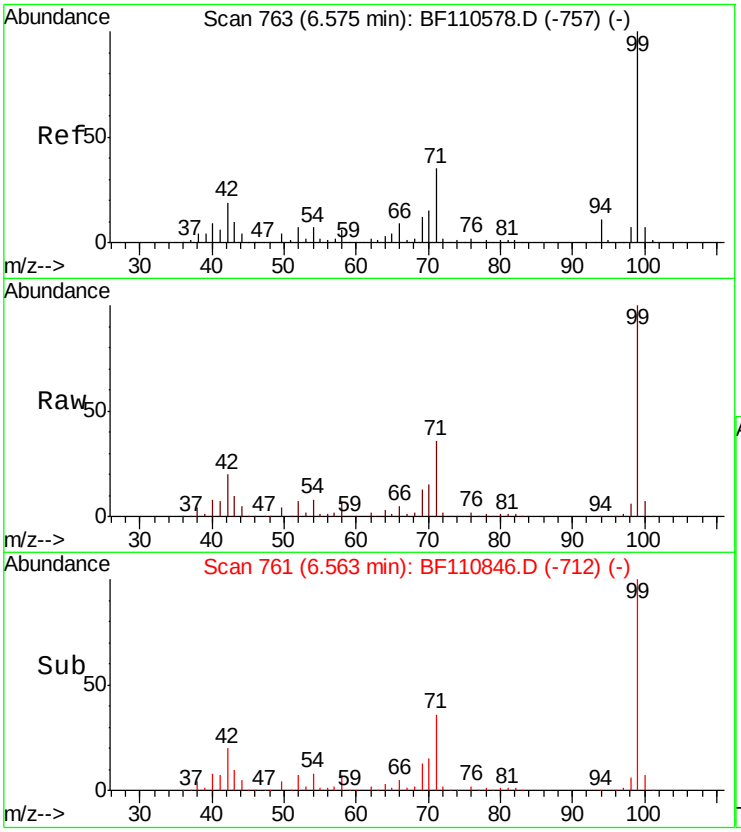


#5
2-Fluorophenol
Concen: 73.835 ng
RT: 5.56 min Scan# 590
Delta R.T. -0.01 min
Lab File: BF110846.D
Acq: 19 Nov 2018 12:10

Tgt Ion:112 Resp: 306839

Ion	Ratio	Lower	Upper
112	100		
64	61.2	44.1	66.1
63	33.0	23.7	35.5



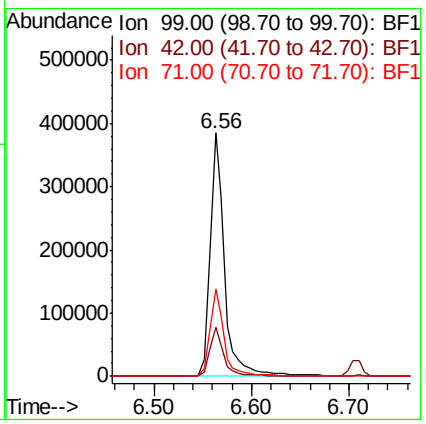


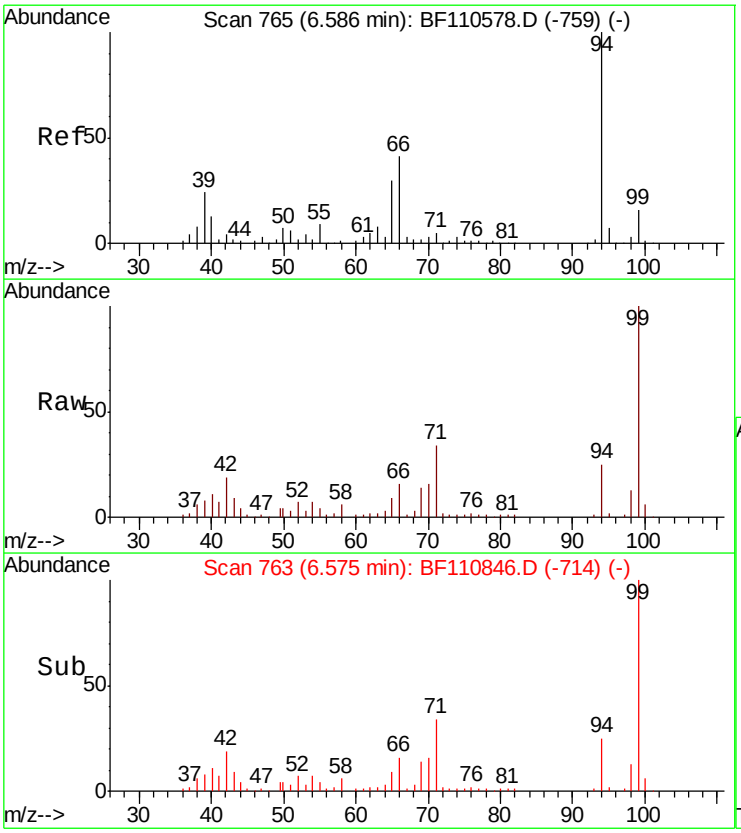
#7
Phenol-d6
Concen: 73.604 ng
RT: 6.56 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF110846.D
Acq: 19 Nov 2018 12:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 391144

Ion	Ratio	Lower	Upper
99	100		
42	20.1	15.8	23.6
71	36.2	28.0	42.0

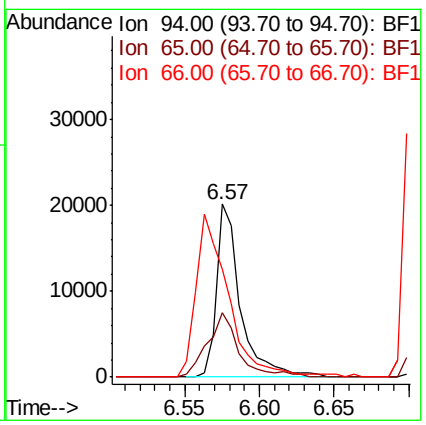


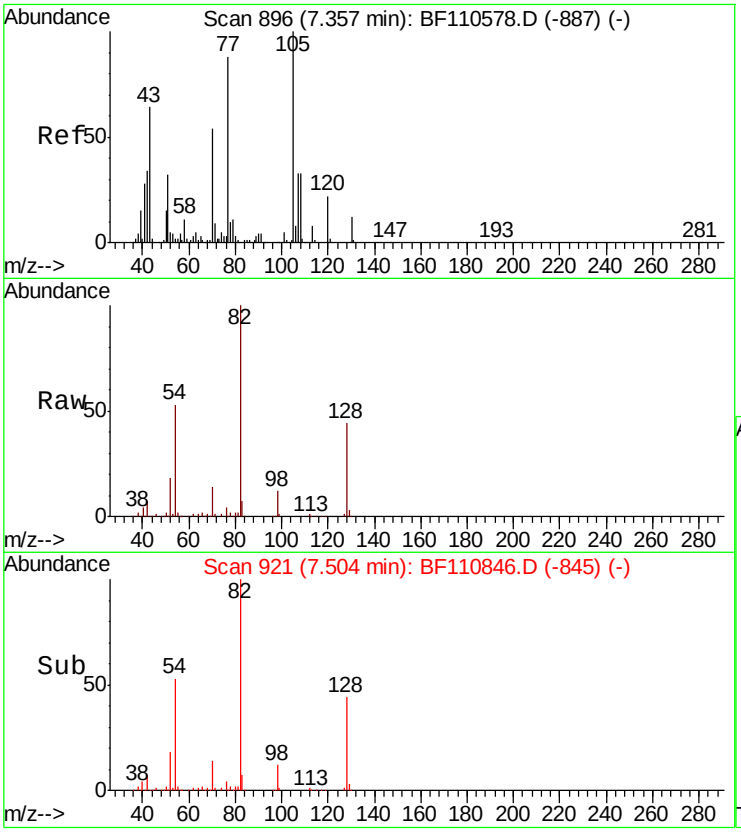


#10
Phenol
Concen: 3.676 ng
RT: 6.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF110846.D
Acq: 19 Nov 2018 12:10

Tgt Ion: 94 Resp: 22649

Ion	Ratio	Lower	Upper
94	100		
65	37.1	25.3	65.3
66	62.4	54.5	94.5



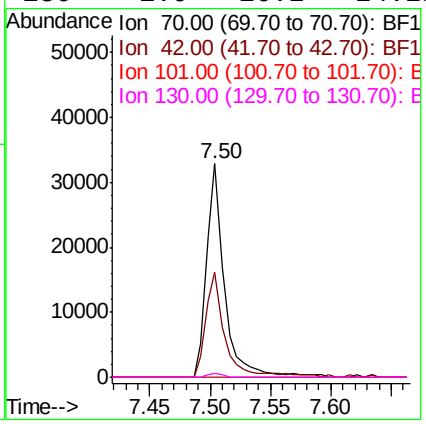


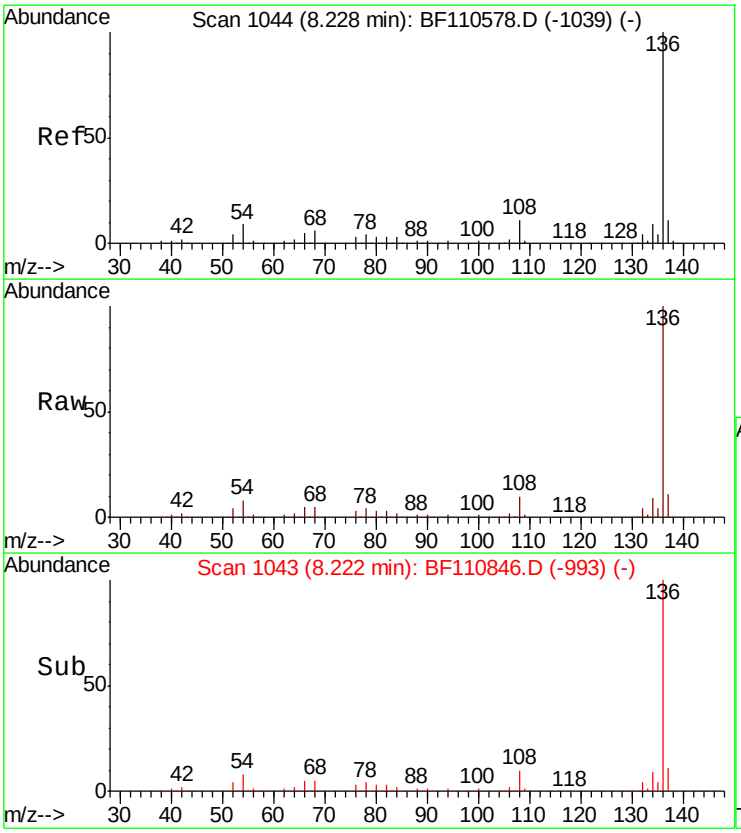
#19
n-Nitroso-di-n-propylamine
Concen: 9.966 ng
RT: 7.50 min Scan# 921
Delta R.T. 0.15 min
Lab File: BF110846.D
Acq: 19 Nov 2018 12:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 33807

Ion	Ratio	Lower	Upper
70	100		
42	49.0	47.4	71.2
101	0.0	7.3	10.9#
130	1.9	16.2	24.2#

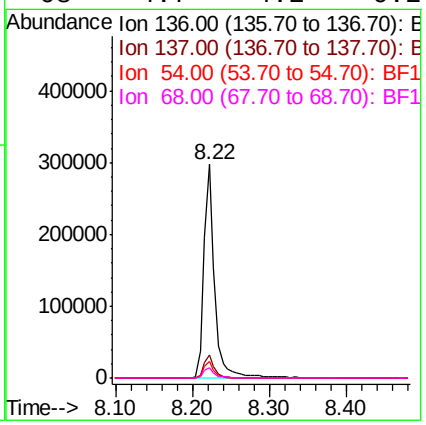


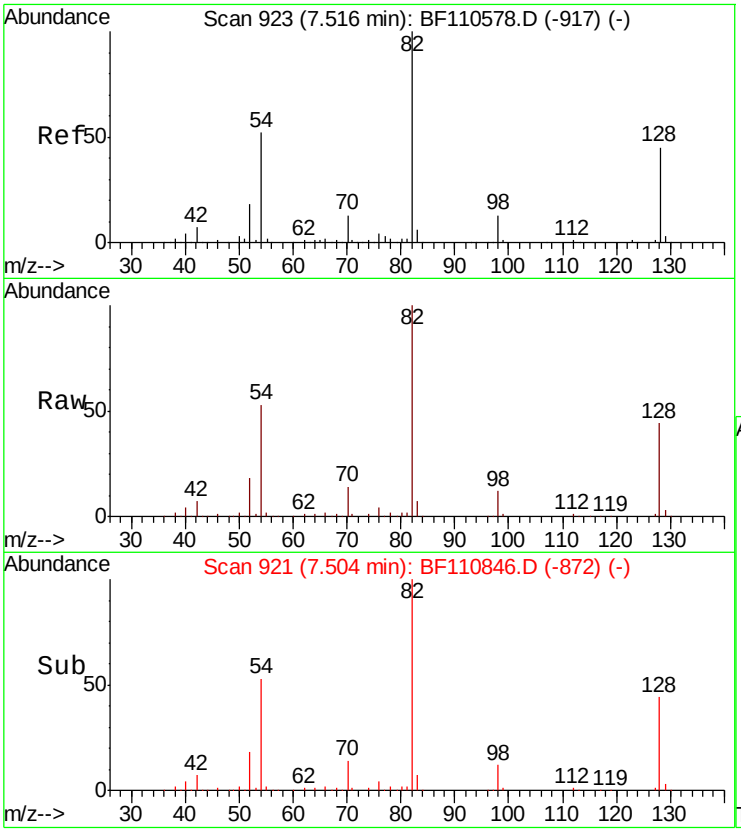


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF110846.D
Acq: 19 Nov 2018 12:10

Tgt Ion:136 Resp: 287436

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	7.6	5.4	8.2
68	4.7	4.2	6.2



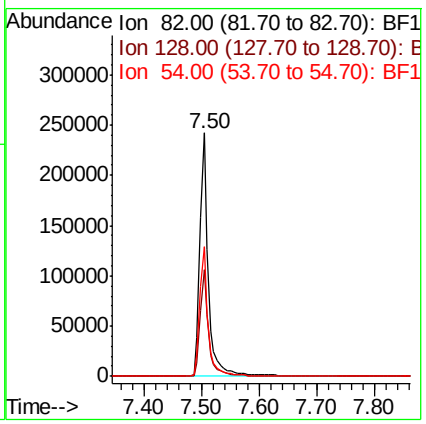


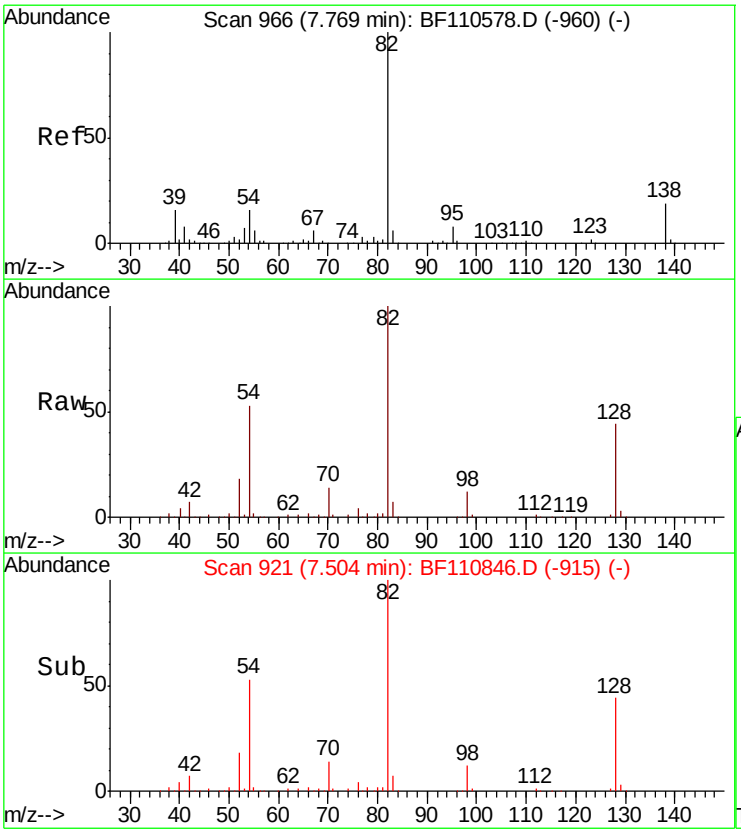
#23
Nitrobenzene-d5
Concen: 50.717 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF110846.D
Acq: 19 Nov 2018 12:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 253136

Ion	Ratio	Lower	Upper
82	100		
128	43.8	34.2	51.2
54	53.3	38.6	58.0

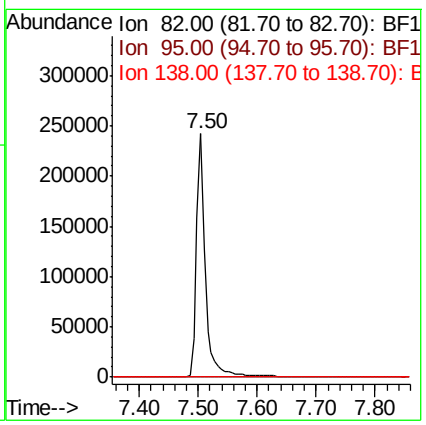


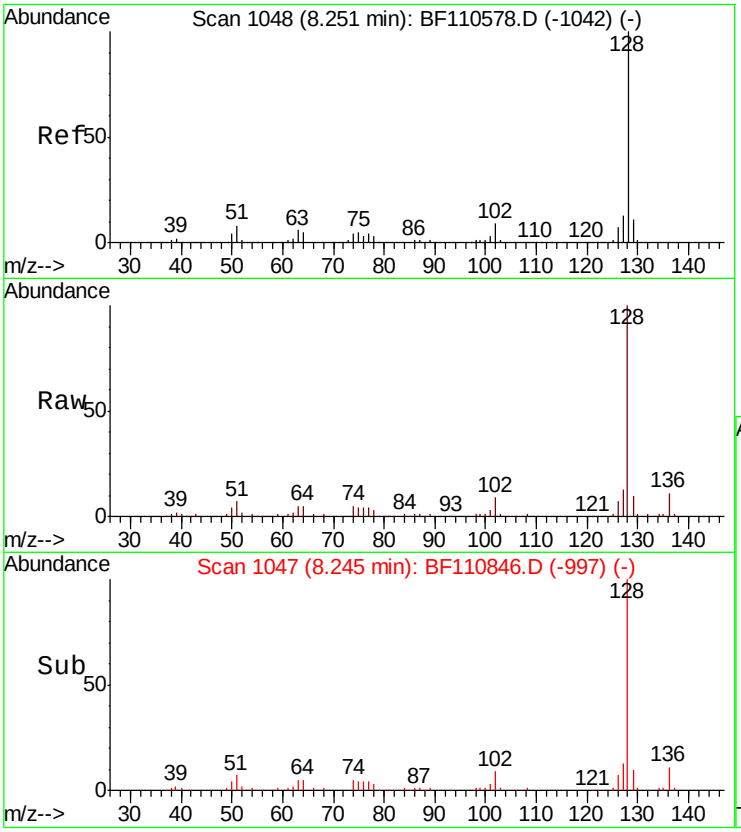


#25
Isophorone
Concen: 30.944 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.26 min
Lab File: BF110846.D
Acq: 19 Nov 2018 12:10

Tgt Ion: 82 Resp: 253135

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



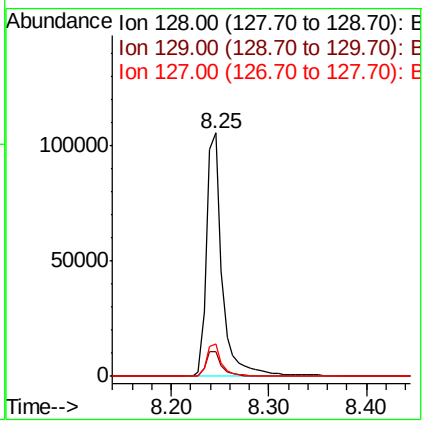


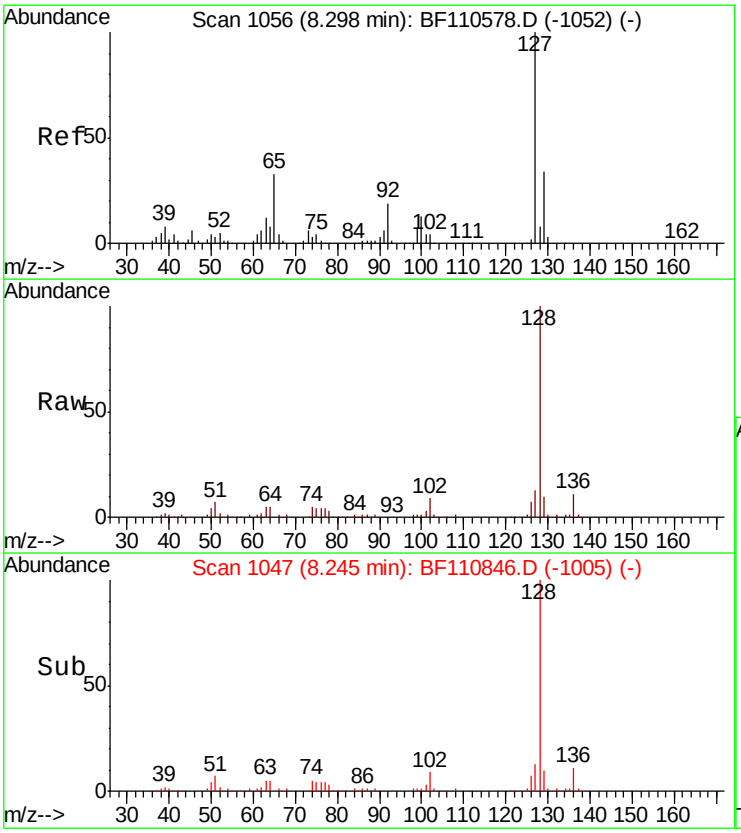
#31
Naphthalene
Concen: 8.753 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF110846.D
Acq: 19 Nov 2018 12:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 118106

Ion	Ratio	Lower	Upper
128	100		
129	10.3	8.8	13.2
127	13.2	10.8	16.2

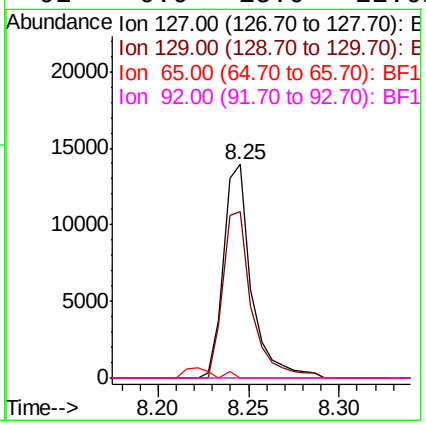


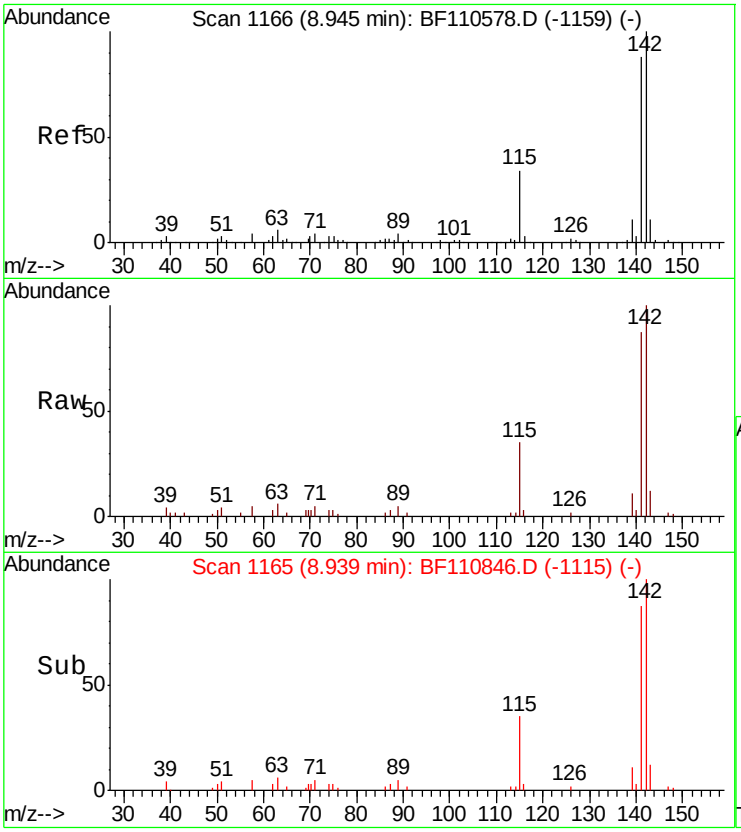


#33
4-Chloroaniline
Concen: 2.450 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.05 min
Lab File: BF110846.D
Acq: 19 Nov 2018 12:10

Tgt Ion:127 Resp: 14975

Ion	Ratio	Lower	Upper
127	100		
129	78.0	26.0	39.0#
65	0.0	25.1	37.7#
92	0.0	15.0	22.6#



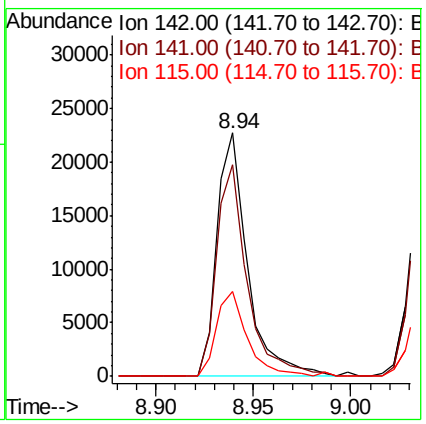


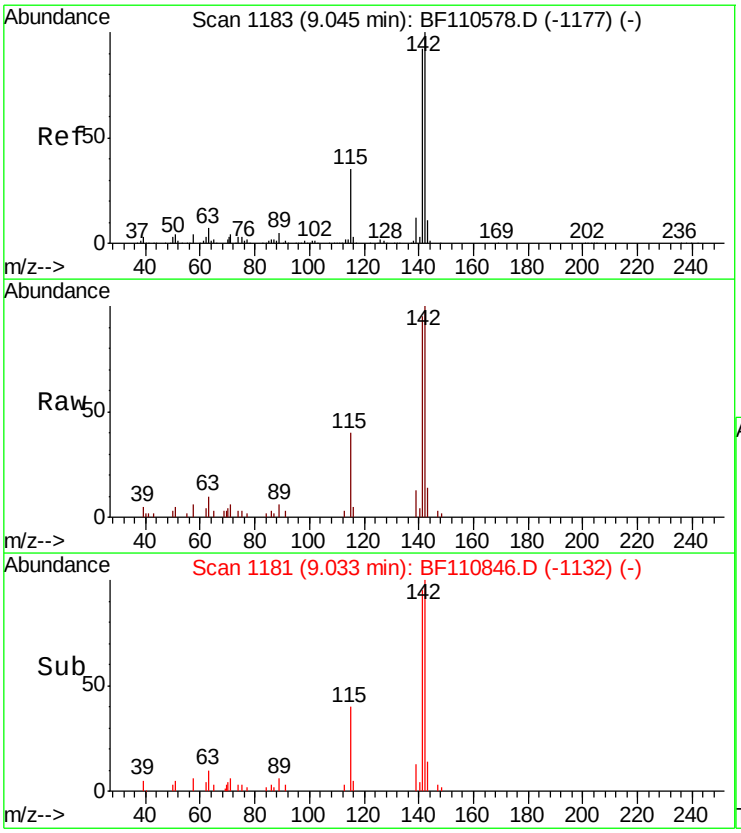
#37
2-Methylnaphthalene
Concen: 2.794 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF110846.D
Acq: 19 Nov 2018 12:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 24712

Ion	Ratio	Lower	Upper
142	100		
141	86.7	71.4	107.2
115	34.7	28.7	43.1

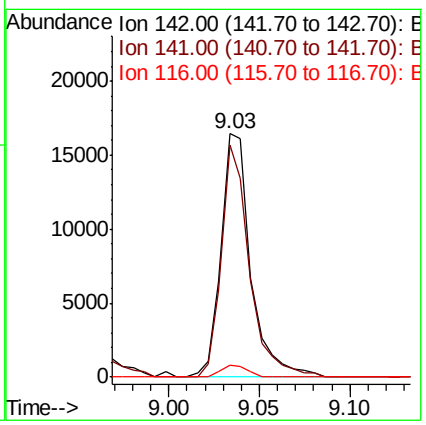


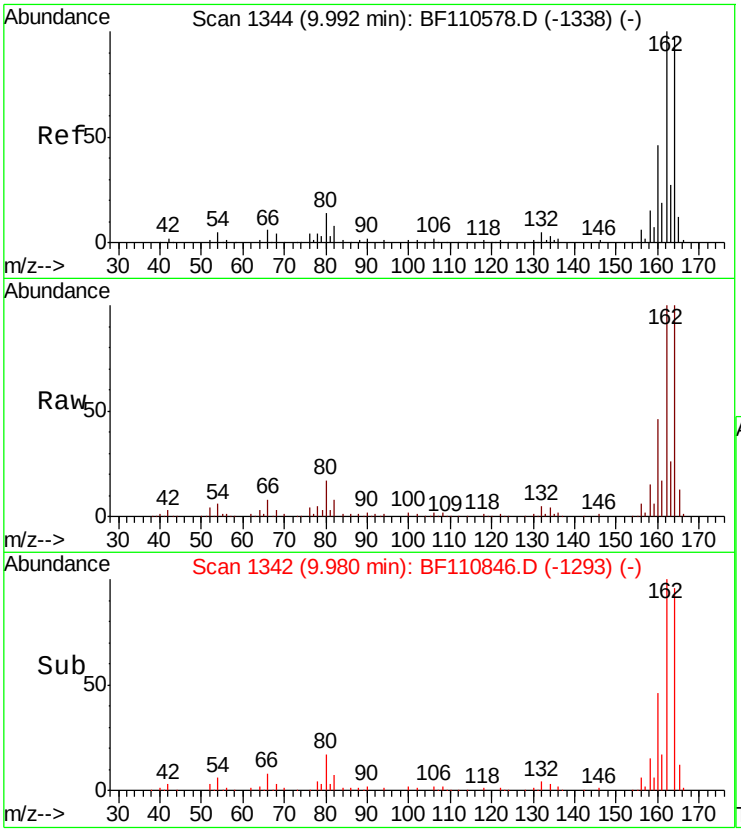


#38
1-Methylnaphthalene
Concen: 2.217 ng
RT: 9.03 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BF110846.D
Acq: 19 Nov 2018 12:10

Tgt Ion:142 Resp: 18857

Ion	Ratio	Lower	Upper
142	100		
141	95.3	74.2	111.4
116	5.0	2.6	4.0#



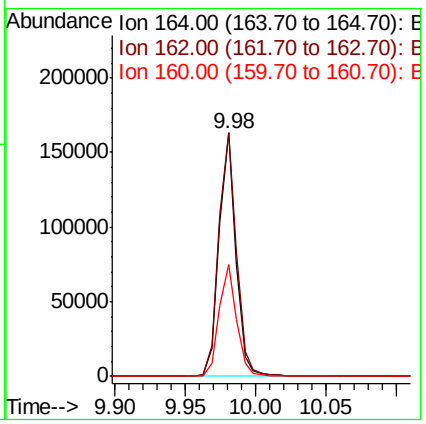


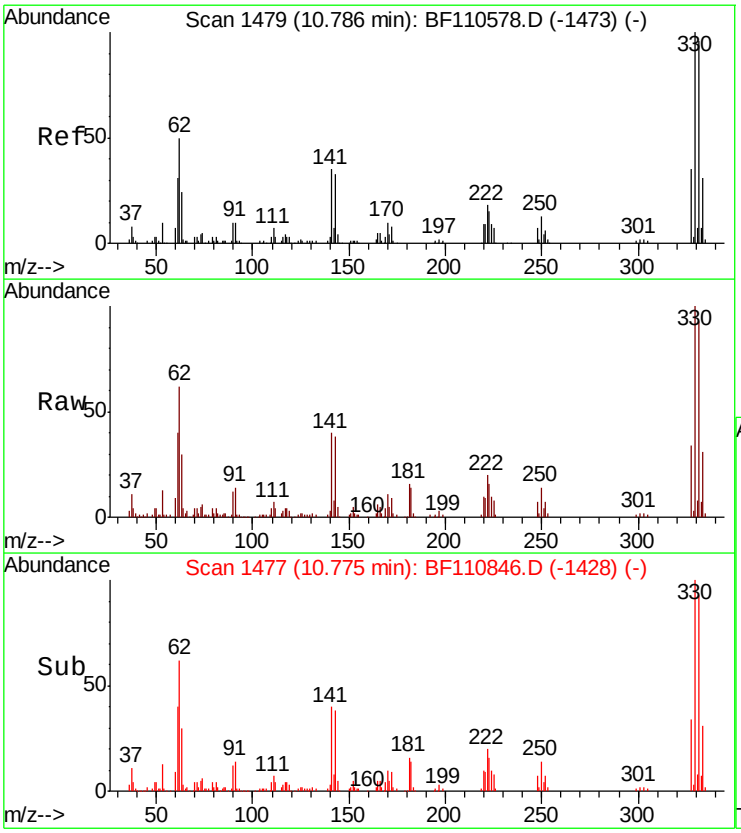
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF110846.D
Acq: 19 Nov 2018 12:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 136380

Ion	Ratio	Lower	Upper
164	100		
162	100.1	83.0	124.6
160	46.0	37.0	55.6

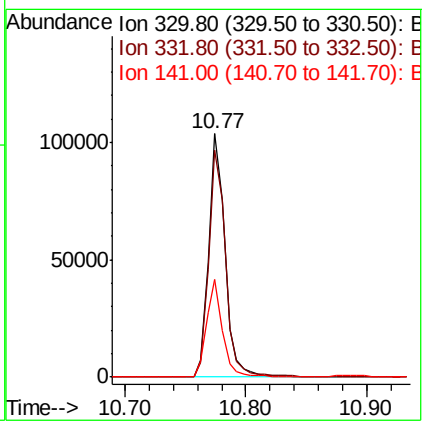


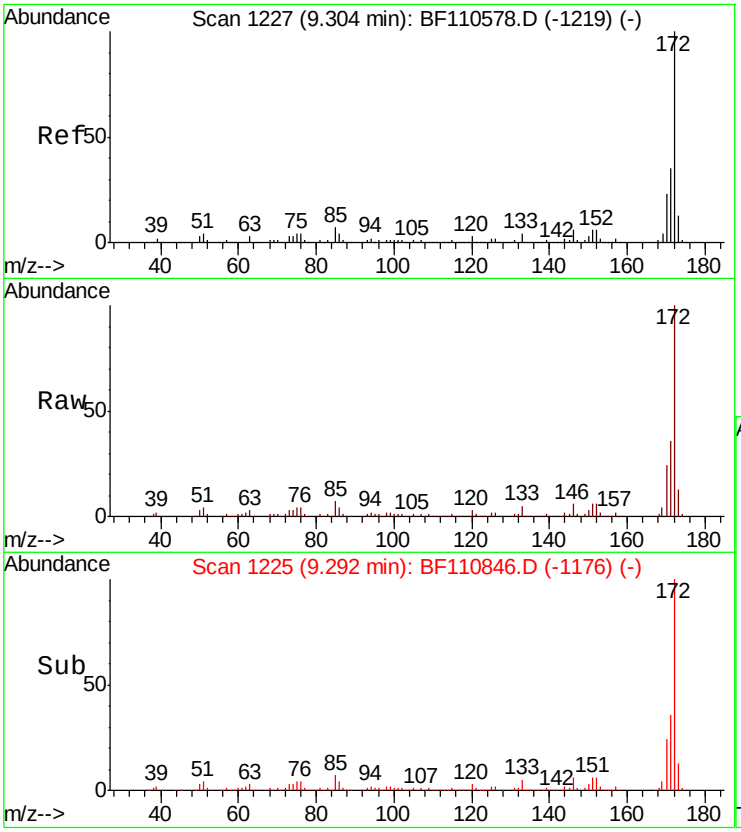


#42
2,4,6-Tribromophenol
Concen: 70.463 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BF110846.D
Acq: 19 Nov 2018 12:10

Tgt Ion:330 Resp: 96830

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.1	115.7
141	39.9	27.0	40.4



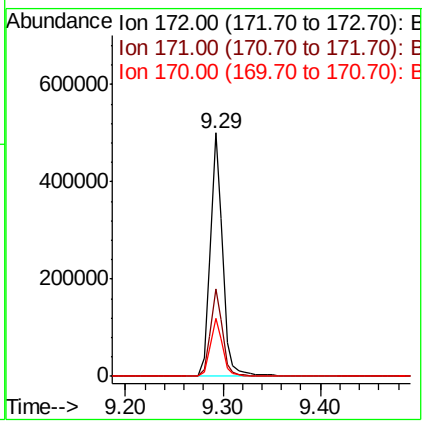


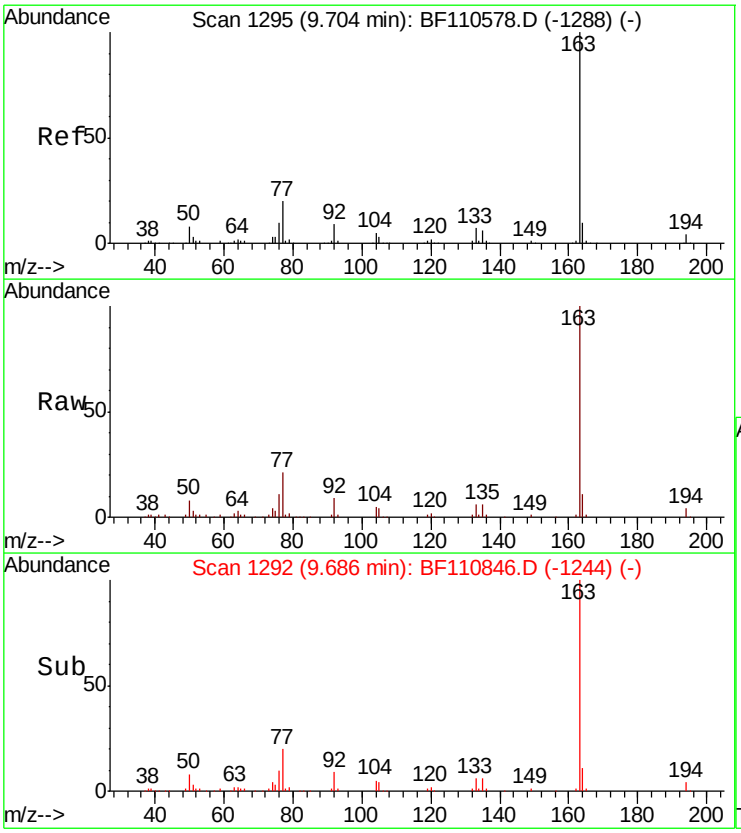
#45
2-Fluorobiphenyl
Concen: 45.956 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF110846.D
Acq: 19 Nov 2018 12:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 438845

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	43.0
170	23.7	19.7	29.5

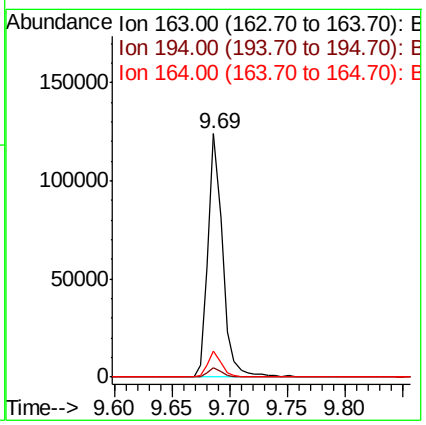


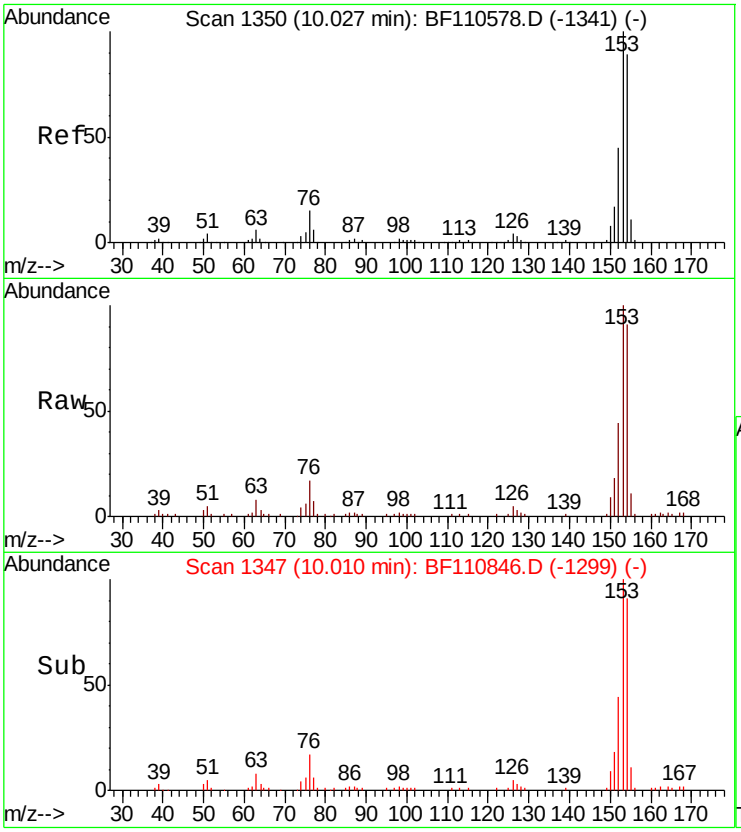


#50
Dimethylphthalate
Concen: 10.774 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.02 min
Lab File: BF110846.D
Acq: 19 Nov 2018 12:10

Tgt Ion:163 Resp: 109640

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.2	4.8
164	10.6	8.1	12.1



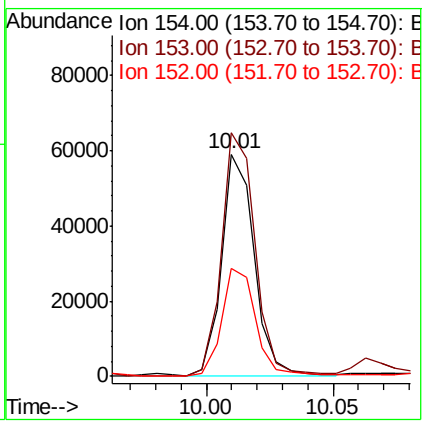


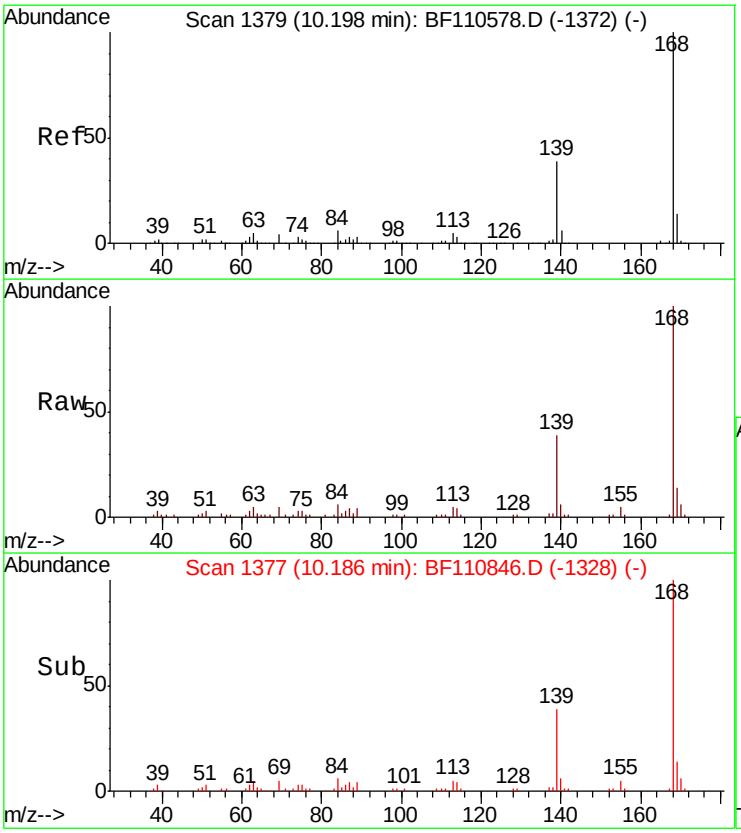
#52
Acenaphthene
Concen: 6.365 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BF110846.D
Acq: 19 Nov 2018 12:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 53093

Ion	Ratio	Lower	Upper
154	100		
153	109.8	90.1	135.1
152	48.5	43.4	65.2

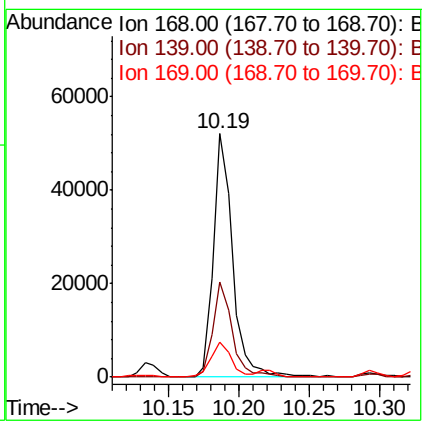


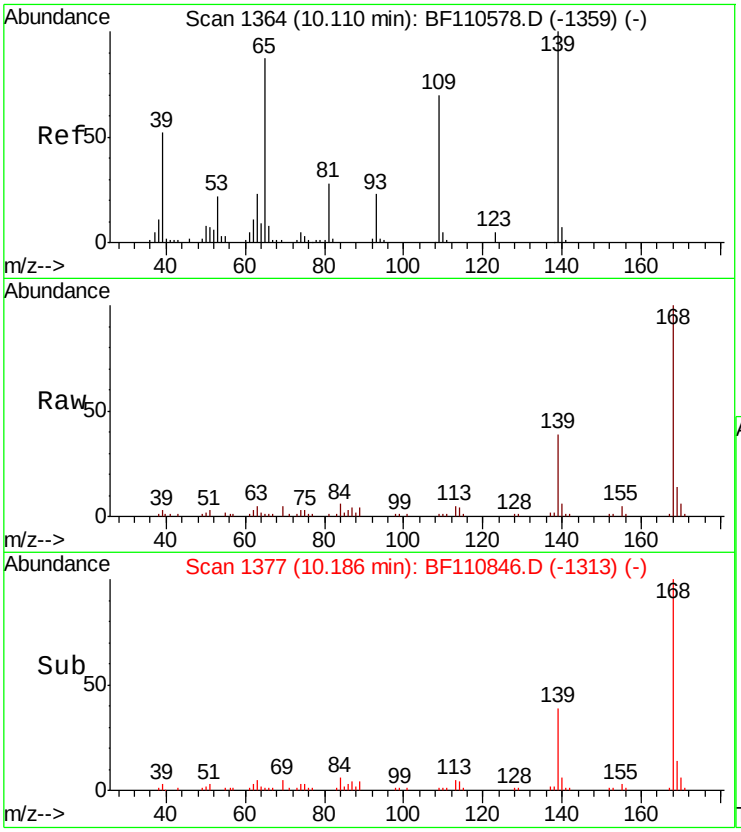


#55
Dibenzofuran
Concen: 4.053 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BF110846.D
Acq: 19 Nov 2018 12:10

Tgt Ion:168 Resp: 49471

Ion	Ratio	Lower	Upper
168	100		
139	39.2	33.0	49.6
169	14.4	11.3	16.9



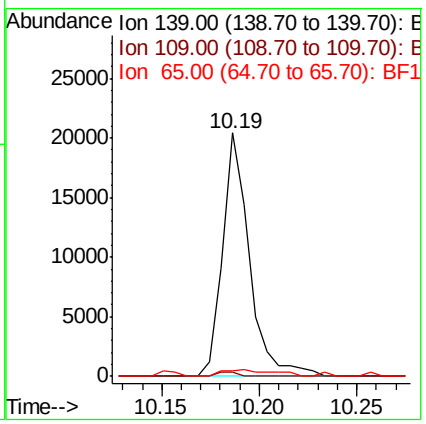


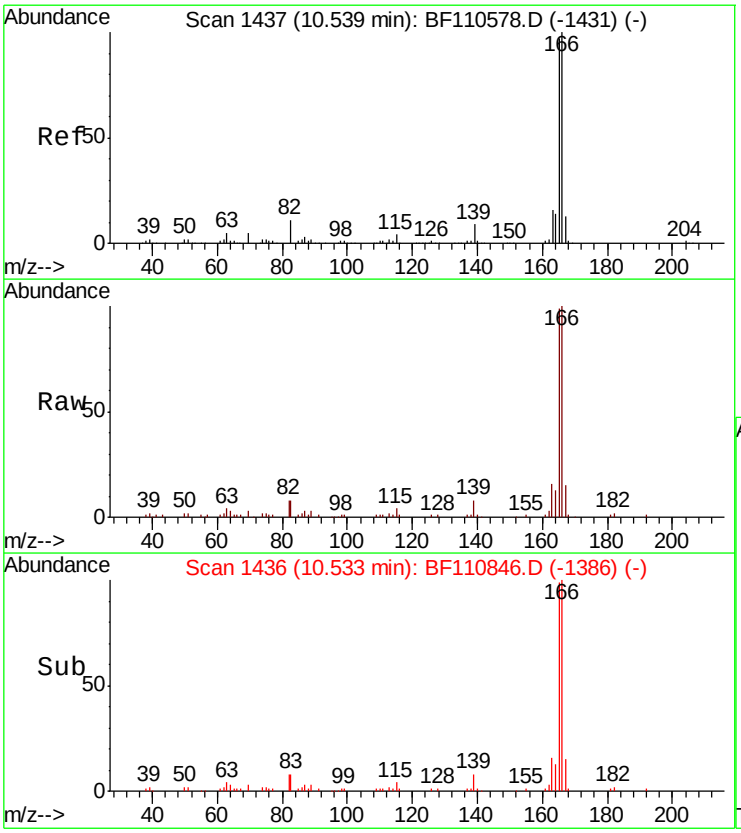
#56
4-Nitrophenol
Concen: 11.292 ng
RT: 10.19 min Scan# 1377
Delta R.T. 0.08 min
Lab File: BF110846.D
Acq: 19 Nov 2018 12:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 19429

Ion	Ratio	Lower	Upper
139	100		
109	1.9	55.8	95.8#
65	2.2	77.9	117.9#

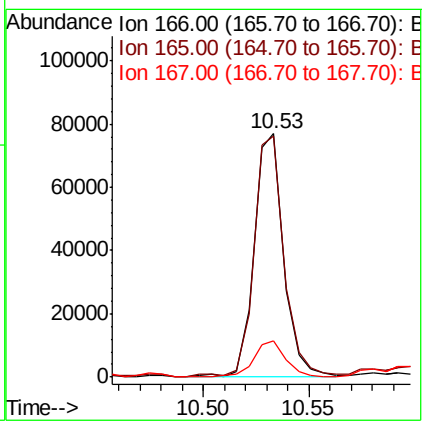


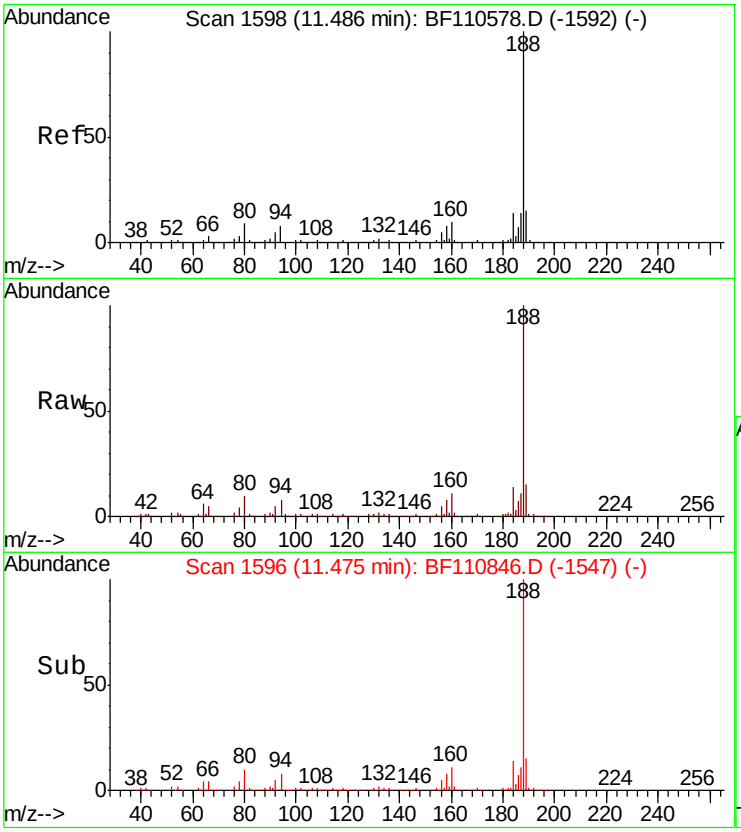


#58
Fluorene
Concen: 8.015 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF110846.D
Acq: 19 Nov 2018 12:10

Tgt Ion:166 Resp: 75139

Ion	Ratio	Lower	Upper
166	100		
165	99.0	78.6	117.8
167	14.7	10.8	16.2



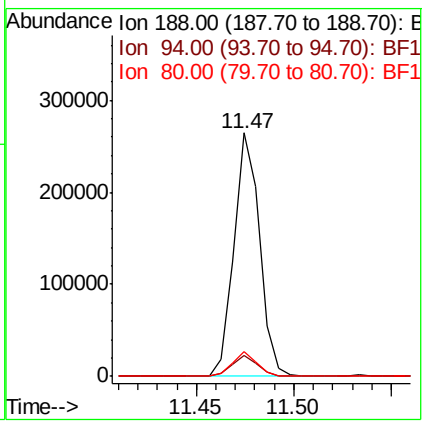


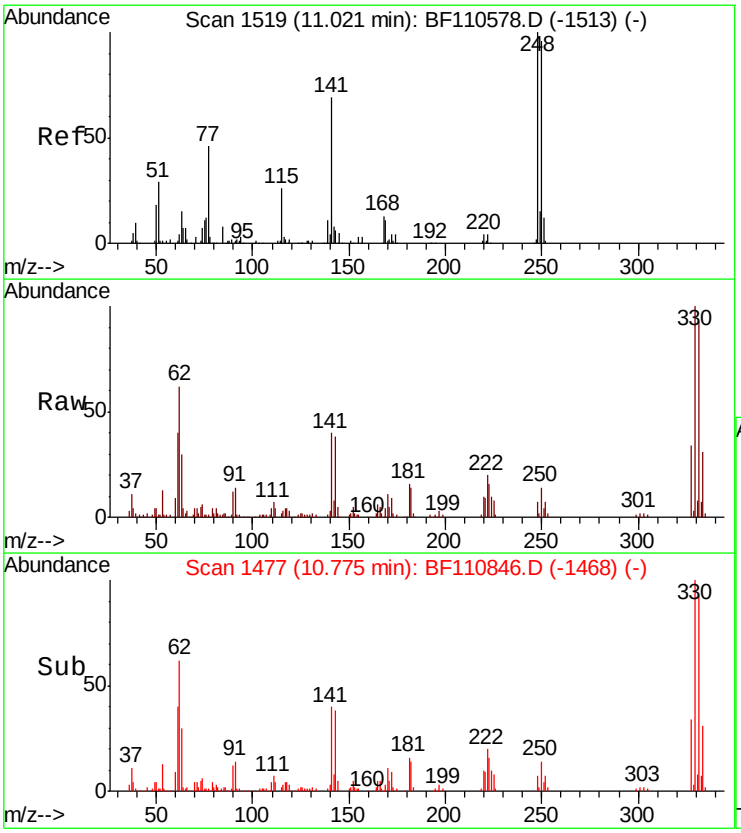
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.01 min
Lab File: BF110846.D
Acq: 19 Nov 2018 12:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 241073

Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.2	10.8
80	10.1	7.9	11.9

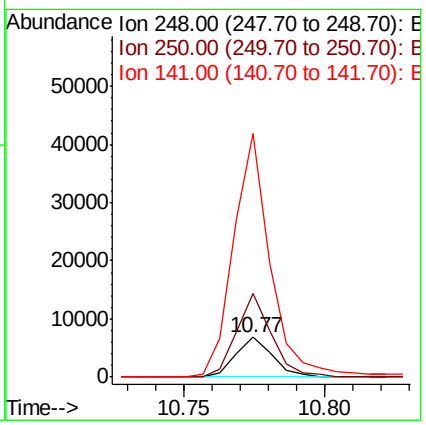


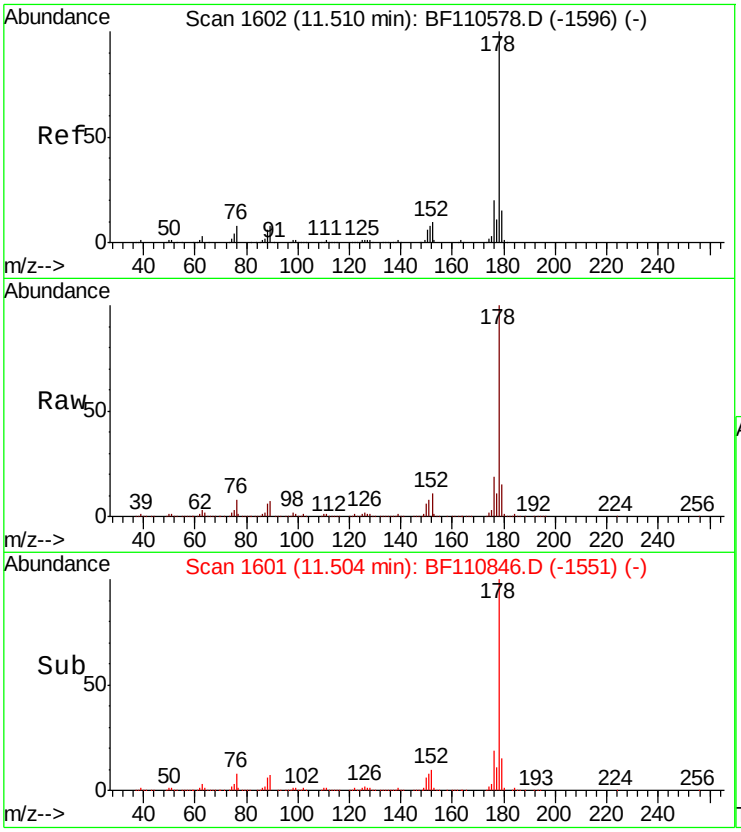


#67
4-Bromophenyl-phenylether
Concen: 2.291 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.25 min
Lab File: BF110846.D
Acq: 19 Nov 2018 12:10

Tgt Ion:248 Resp: 6105

Ion	Ratio	Lower	Upper
248	100		
250	208.3	79.4	119.2#
141	608.9	55.9	83.9#



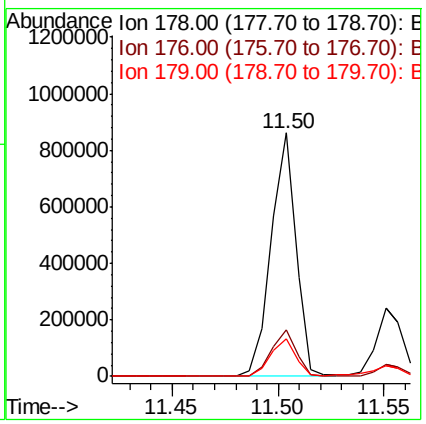


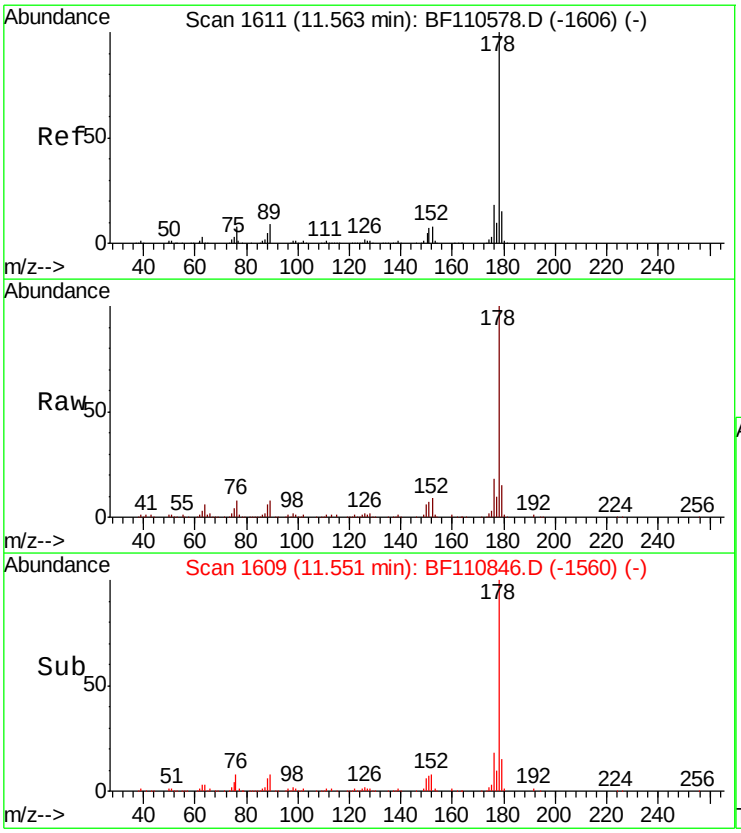
#71
Phenanthrene
Concen: 54.824 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110846.D
Acq: 19 Nov 2018 12:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 708081

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.5	23.3
179	15.5	12.5	18.7

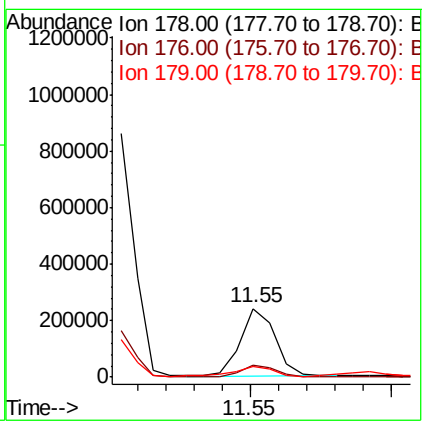


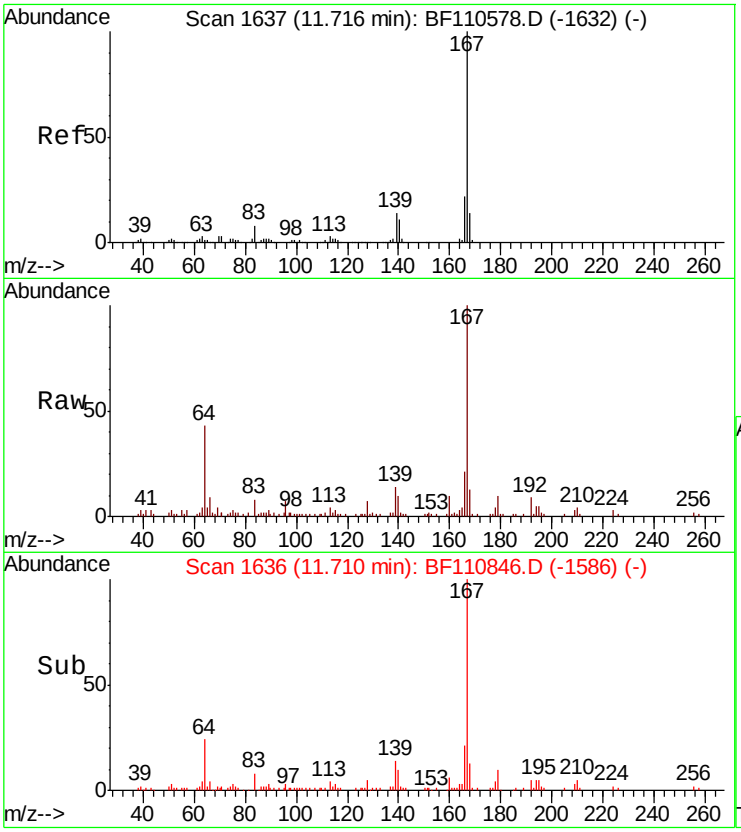


#72
Anthracene
Concen: 15.715 ng
RT: 11.55 min Scan# 1609
Delta R.T. -0.01 min
Lab File: BF110846.D
Acq: 19 Nov 2018 12:10

Tgt Ion:178 Resp: 204739

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.4	23.2
179	15.5	12.6	18.8



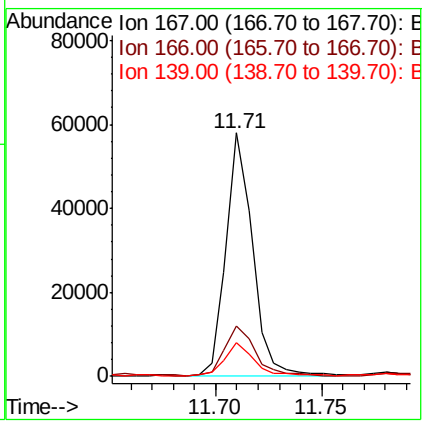


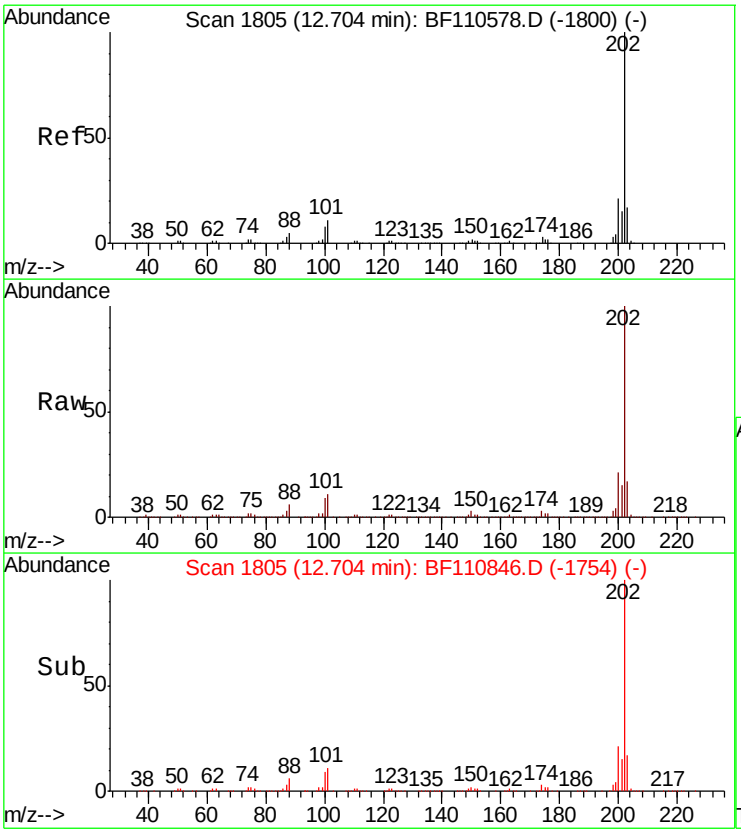
#73
Carbazole
Concen: 4.048 ng
RT: 11.71 min Scan# 1636
Delta R.T. -0.01 min
Lab File: BF110846.D
Acq: 19 Nov 2018 12:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 50654

Ion	Ratio	Lower	Upper
167	100		
166	20.7	17.4	26.0
139	14.0	10.9	16.3

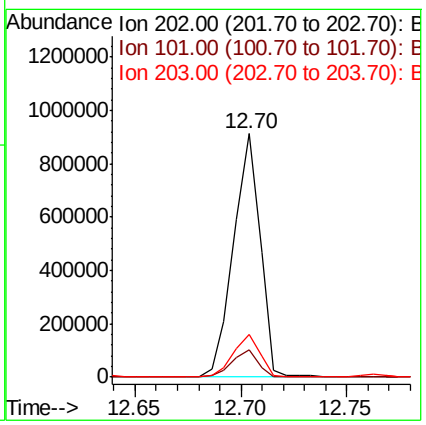


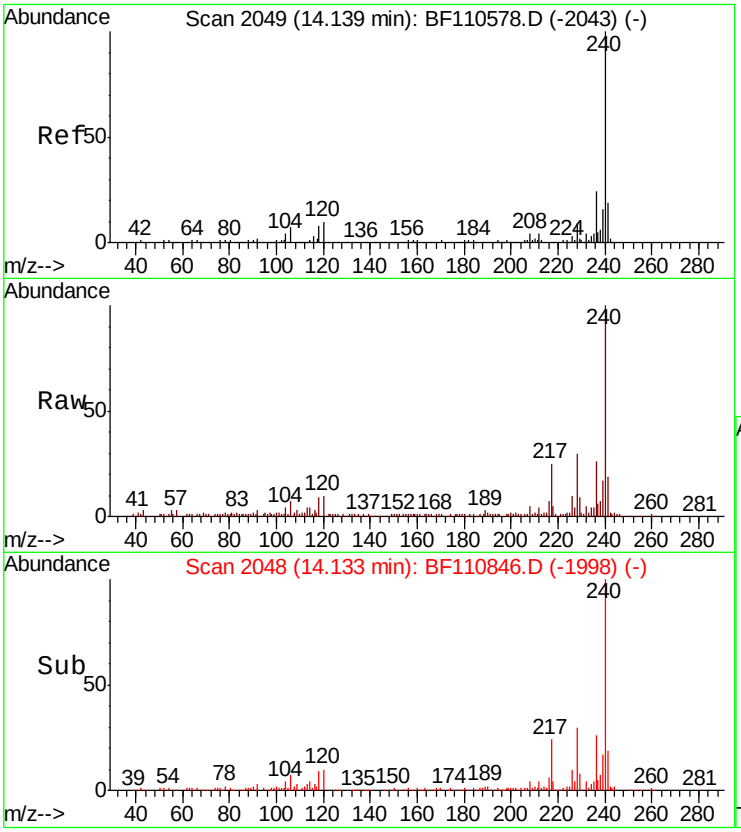


#75
Fluoranthene
Concen: 61.337 ng
RT: 12.70 min Scan# 1805
Delta R.T. 0.00 min
Lab File: BF110846.D
Acq: 19 Nov 2018 12:10

Tgt Ion:202 Resp: 794228

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	31.4
203	17.4	0.0	37.7



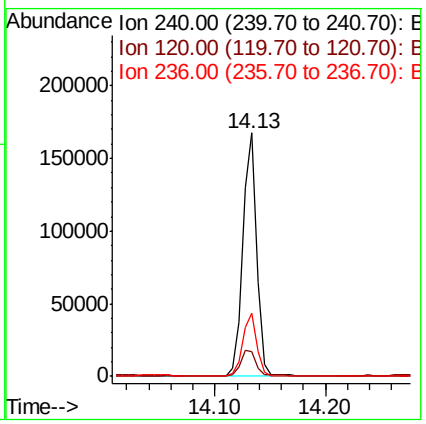


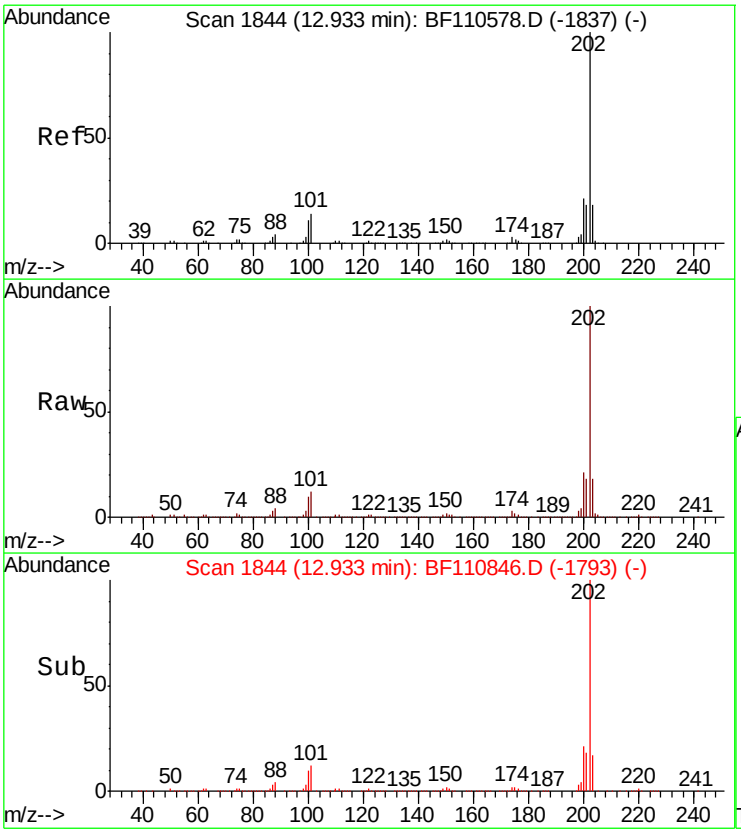
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110846.D
Acq: 19 Nov 2018 12:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 149625

Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.3	12.5
236	25.9	21.2	31.8

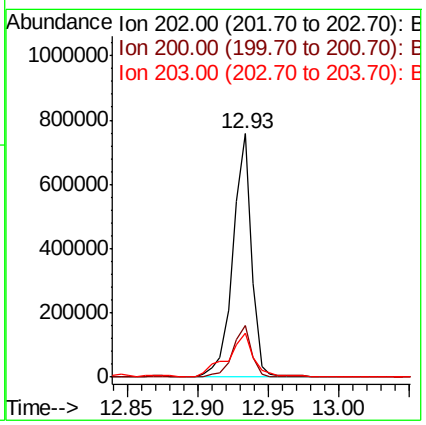


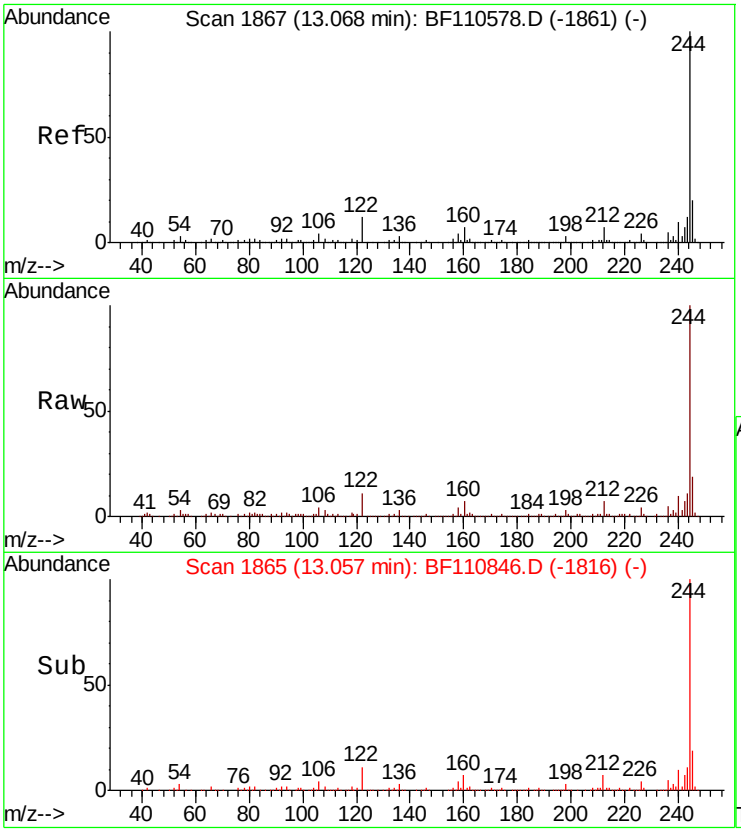


#78
Pyrene
Concen: 59.818 ng
RT: 12.93 min Scan# 1844
Delta R.T. 0.00 min
Lab File: BF110846.D
Acq: 19 Nov 2018 12:10

Tgt Ion:202 Resp: 689144

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.8	26.6
203	17.9	14.2	21.4



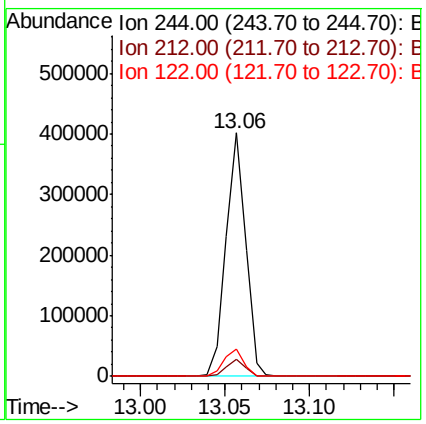


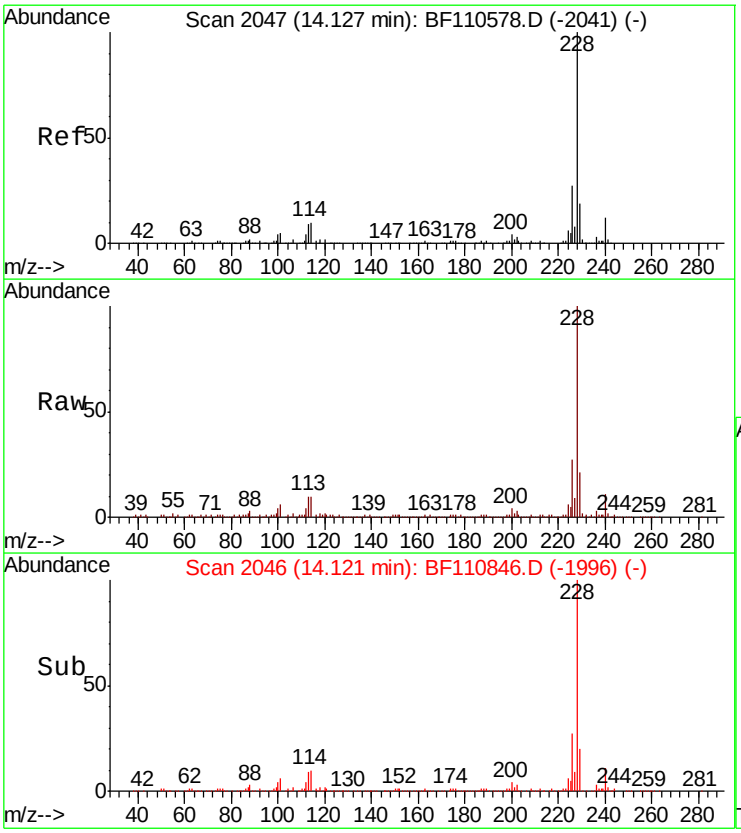
#79
Terphenyl-d14
Concen: 40.704 ng
RT: 13.06 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BF110846.D
Acq: 19 Nov 2018 12:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 325208

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	11.0	8.7	13.1

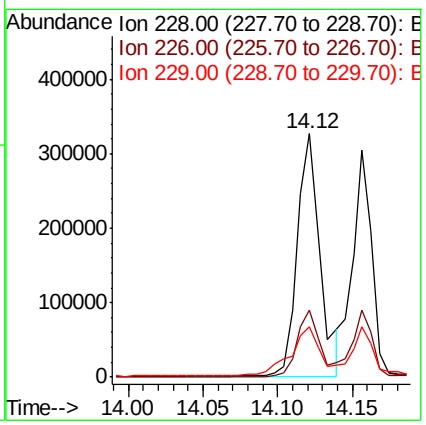


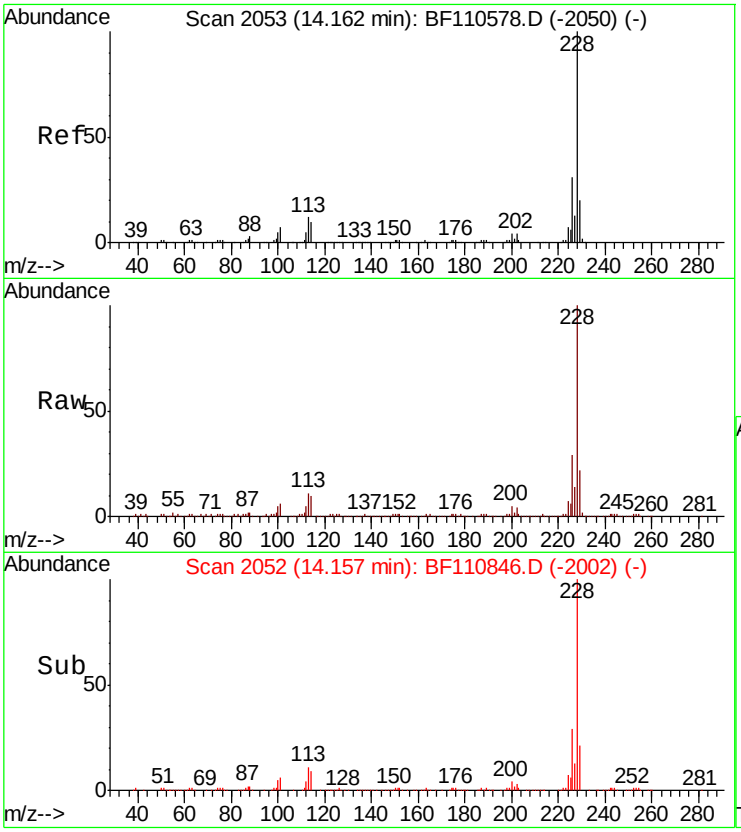


#81
Benzo(a)anthracene
Concen: 39.048 ng
RT: 14.12 min Scan# 2046
Delta R.T. -0.01 min
Lab File: BF110846.D
Acq: 19 Nov 2018 12:10

Tgt Ion:228 Resp: 349216

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.1	33.1
229	20.5	15.6	23.4



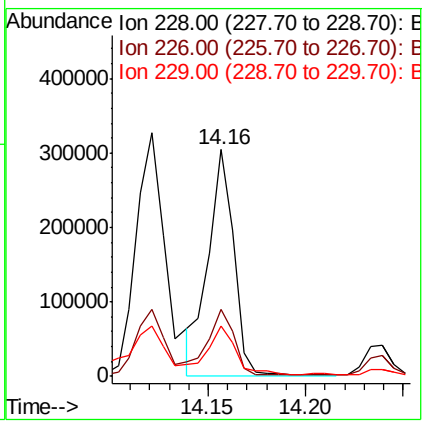


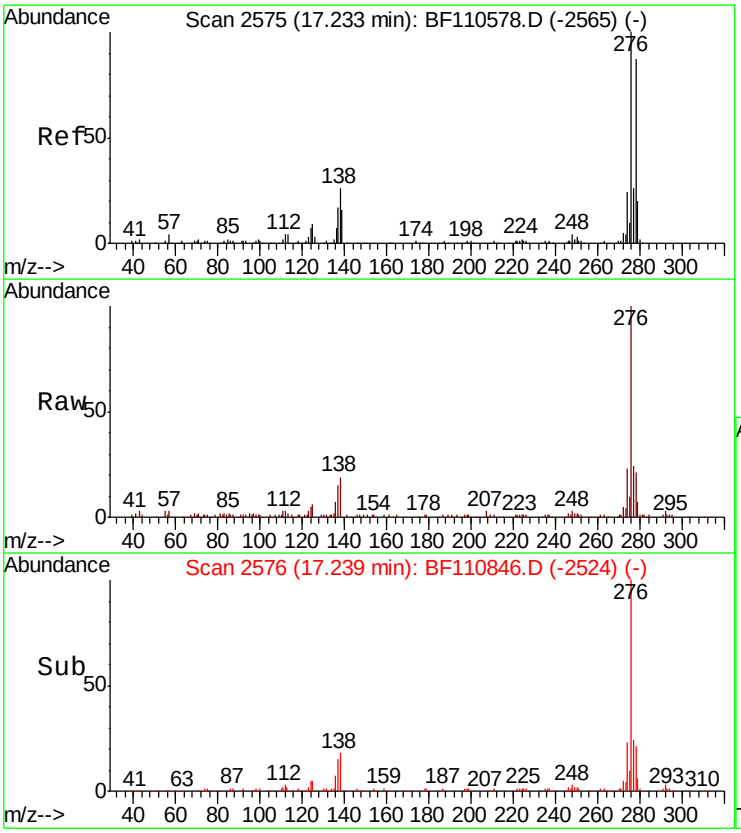
#83
Chrysene
Concen: 32.577 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BF110846.D
Acq: 19 Nov 2018 12:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 277563

Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.7	37.1
229	22.0	15.9	23.9

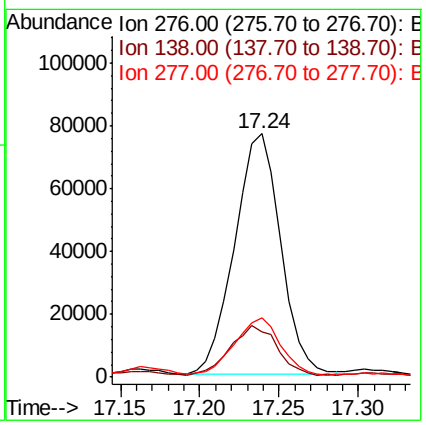


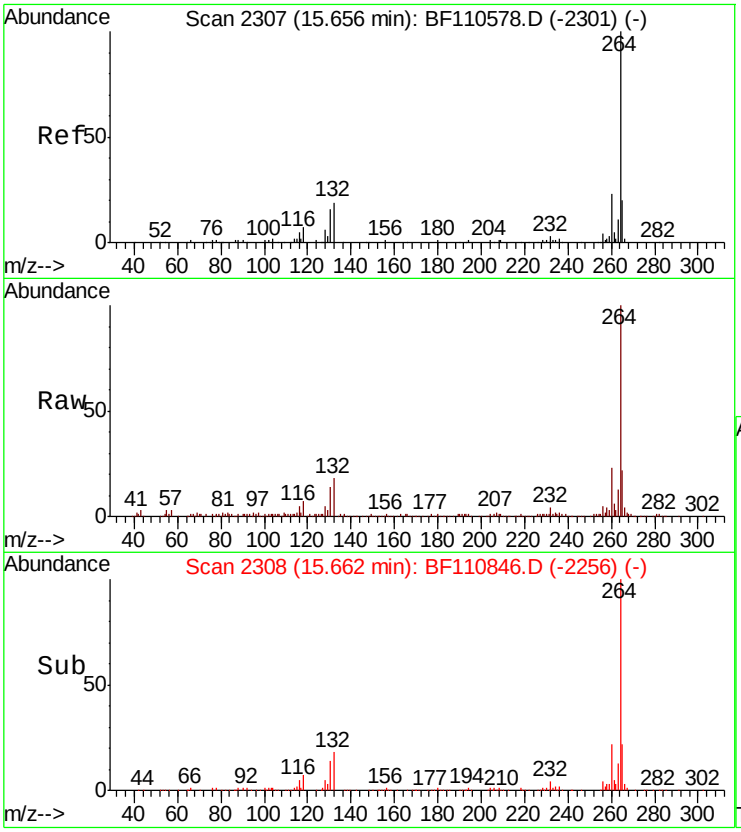


#86
Indeno(1,2,3-cd)pyrene
Concen: 25.199 ng
RT: 17.24 min Scan# 2576
Delta R.T. 0.01 min
Lab File: BF110846.D
Acq: 19 Nov 2018 12:10

Tgt Ion:276 Resp: 154068

Ion	Ratio	Lower	Upper
276	100		
138	21.2	18.5	27.7
277	24.0	20.0	30.0



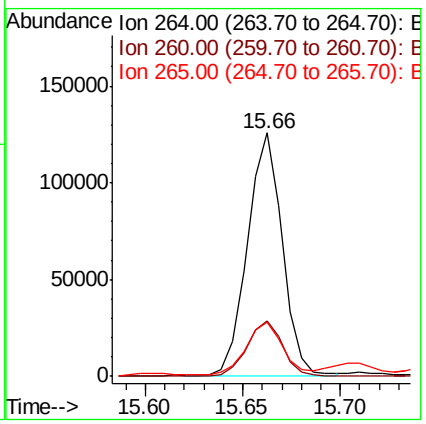


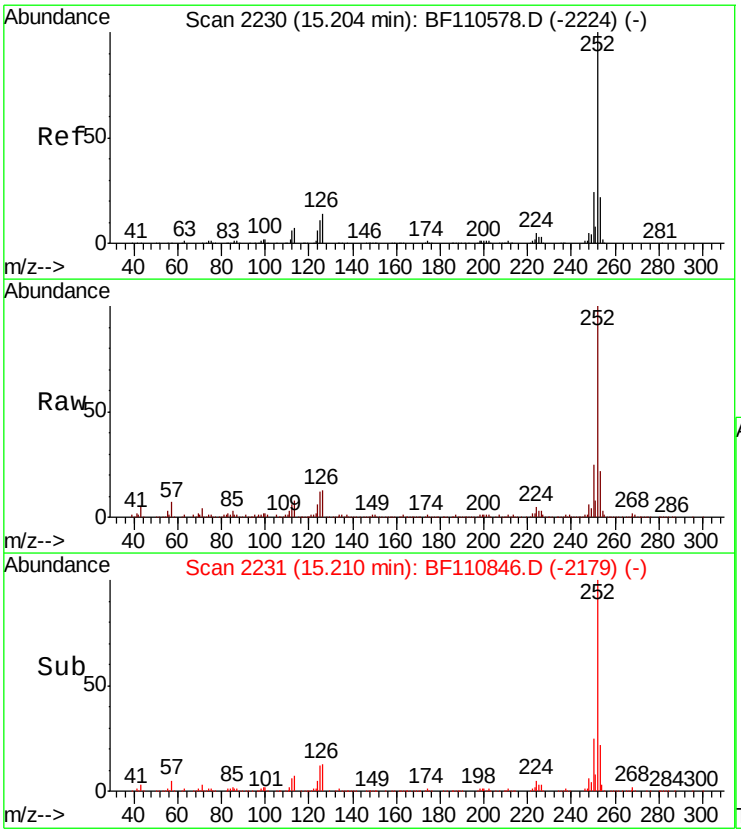
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2308
Delta R.T. 0.01 min
Lab File: BF110846.D
Acq: 19 Nov 2018 12:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 153781

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.7	28.1
265	22.1	16.7	25.1

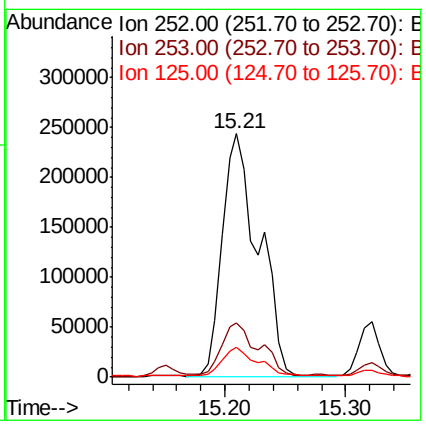


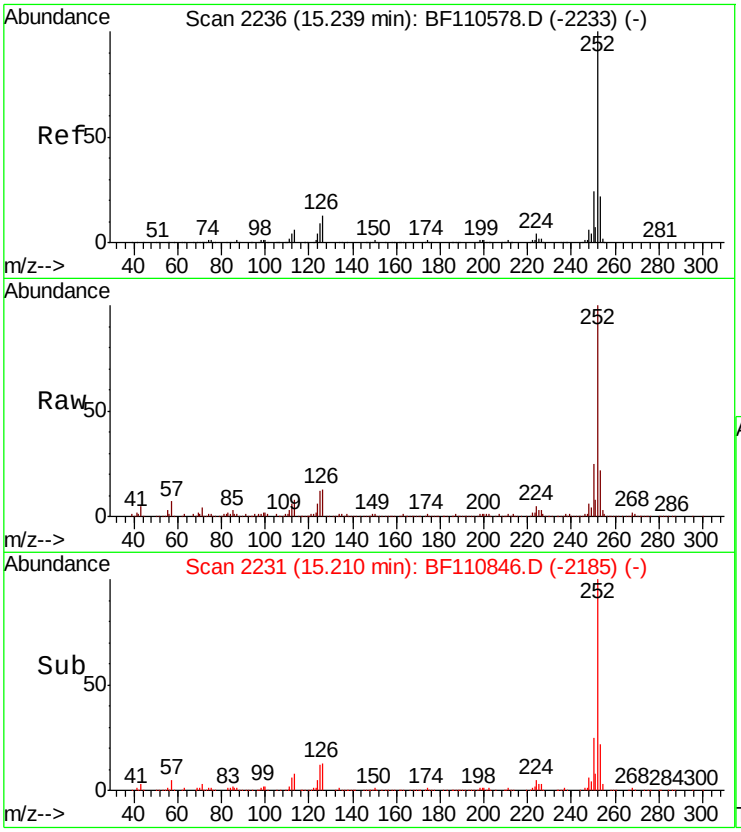


#88
Benzo(b)fluoranthene
Concen: 55.069 ng
RT: 15.21 min Scan# 2231
Delta R.T. 0.01 min
Lab File: BF110846.D
Acq: 19 Nov 2018 12:10

Tgt Ion:252 Resp: 506616

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.2	25.8
125	12.2	8.2	12.4



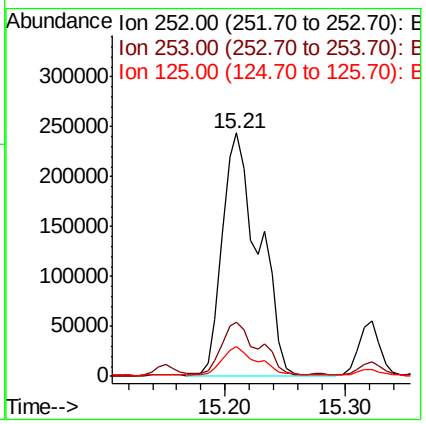


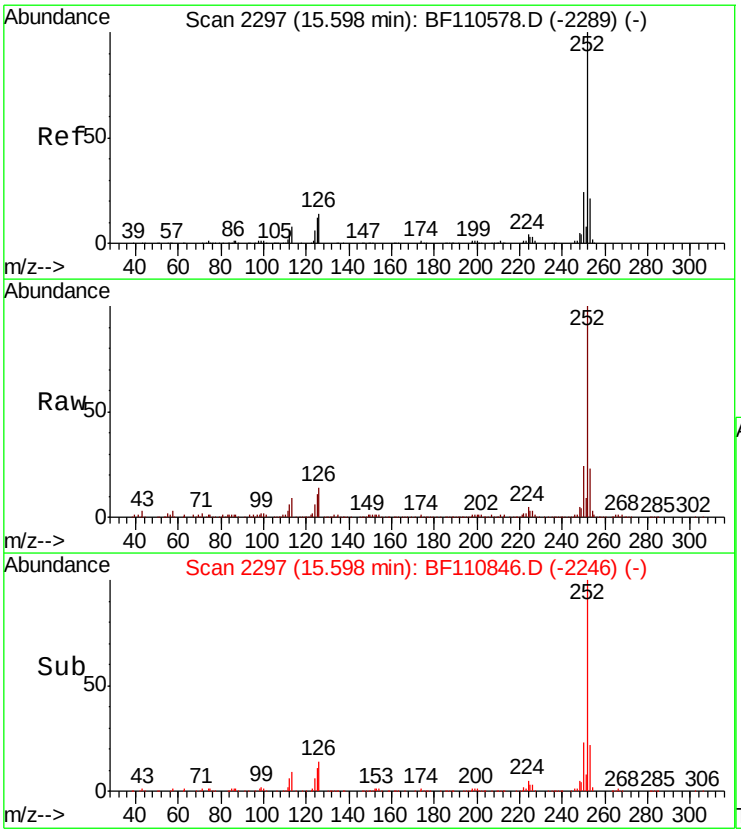
#89
Benzo(k)fluoranthene
Concen: 55.740 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.03 min
Lab File: BF110846.D
Acq: 19 Nov 2018 12:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 506694

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.2	25.8
125	12.2	7.4	11.0#

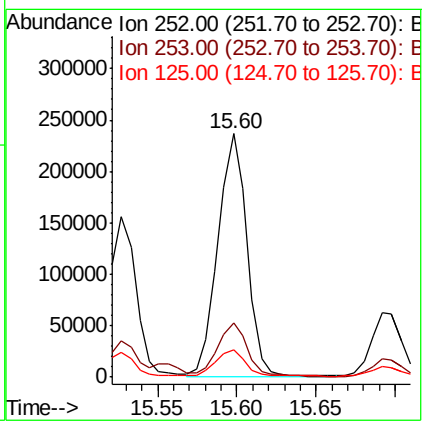


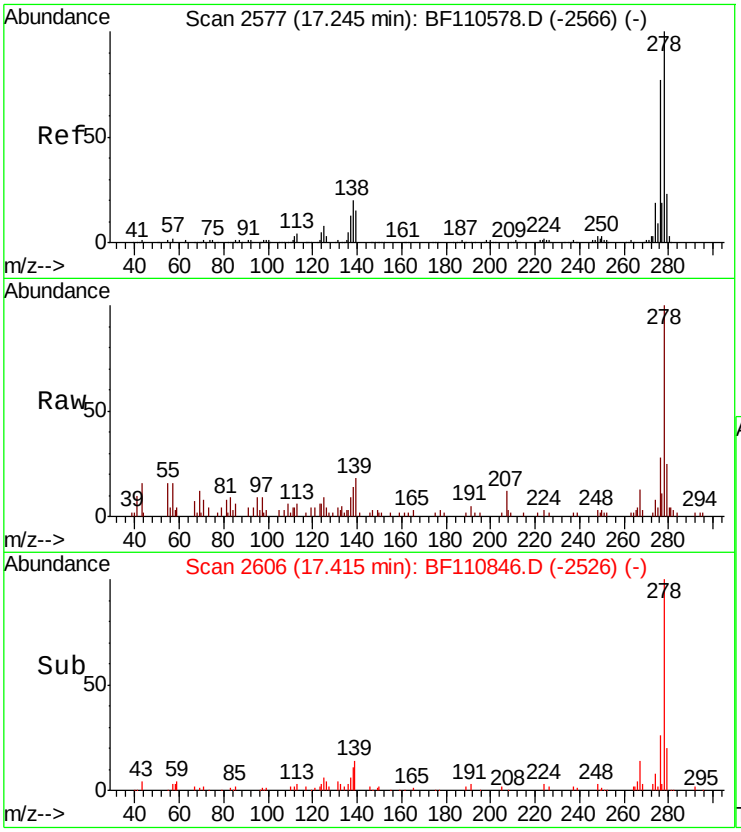


#90
Benzo(a)pyrene
Concen: 35.745 ng
RT: 15.60 min Scan# 2297
Delta R.T. 0.00 min
Lab File: BF110846.D
Acq: 19 Nov 2018 12:10

Tgt Ion:252 Resp: 298776

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.4
125	11.3	9.0	13.6



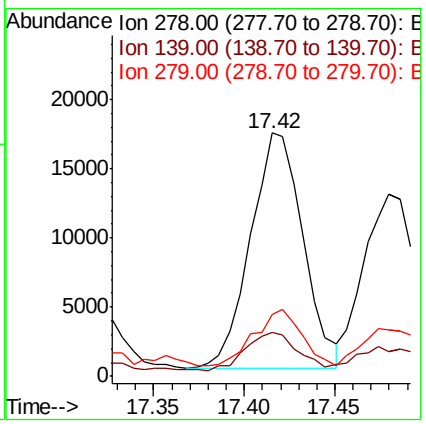


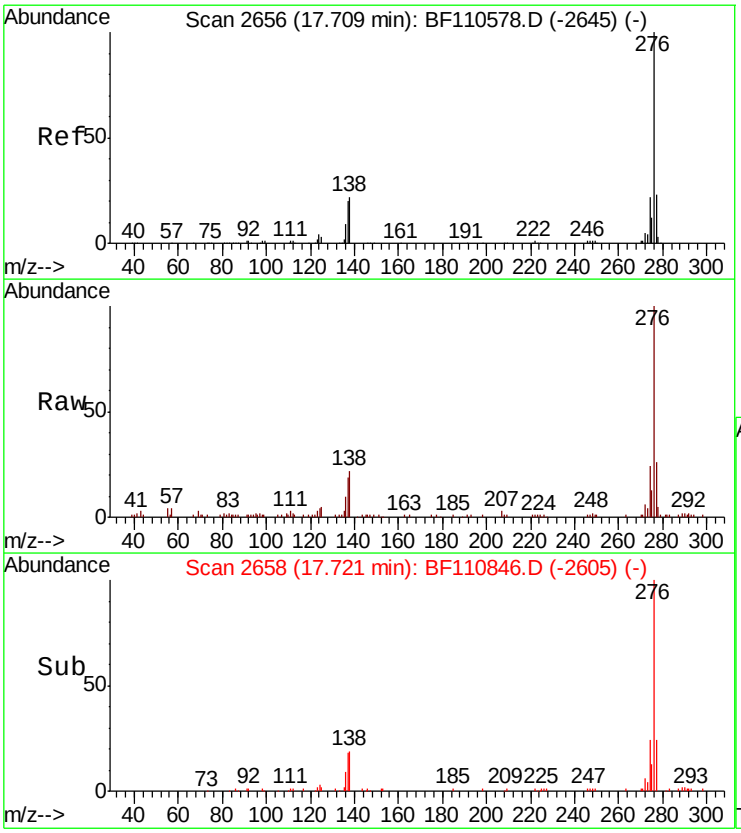
#91
Dibenzo(a,h)anthracene
Concen: 4.844 ng
RT: 17.42 min Scan# 2606
Delta R.T. 0.17 min
Lab File: BF110846.D
Acq: 19 Nov 2018 12:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 34265

Ion	Ratio	Lower	Upper
278	100		
139	18.0	12.7	19.1
279	25.4	19.0	28.4





#92
Benzo(g,h,i)perylene
Concen: 20.169 ng
RT: 17.72 min Scan# 2658
Delta R.T. 0.01 min
Lab File: BF110846.D
Acq: 19 Nov 2018 12:10

Tgt Ion:276 Resp: 141552

Ion	Ratio	Lower	Upper
276	100		
277	25.6	18.8	28.2
138	21.7	16.0	24.0