Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF120718\
Data File : BF111208.D
Acq On : 8 Dec 2018 1:34
Operator : JU/SJ
Sample : J6260-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-01-COMP

Quant Time: Dec 08 02:55:03 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 05 17:30:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	496688	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	1831352	20.00	ng		0.00
39) Acenaphthene-d10	9.84	164	848152	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	1454157	20.00	ng		0.00
76) Chrysene-d12	13.97	240	972247	20.00	ng		0.02
87) Perylene-d12	15.40	264	967945	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	3162857	99.37	ng		0.00
7) Phenol-d6	6.44	99	3961899	96.63	ng		0.00
23) Nitrobenzene-d5	7.36	82	2423062	78.33	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	772257	114.55	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	3409795	72.26	ng		0.00
79) Terphenyl-d14	12.91	244	2711995	57.13	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.35	77	3329	Below Cal		#	71
10) Phenol	6.45	94	283138	6.333	ng		98
19) n-Nitroso-di-n-propylamine	7.36	70	337006	12.231	ng	#	73
25) Isophorone	7.36	82	2413737	42.518	ng	#	65
31) Naphthalene	8.11	128	776822	9.743	ng	#	93
33) 4-Chloroaniline	8.10	127	98834	2.564	ng	#	35
37) 2-Methylnaphthalene	8.80	142	265262	4.823	ng		96
38) 1-Methylnaphthalene	8.90	142	208036	3.934	ng		99
49) Acenaphthylene	9.70	152	368192	4.882	ng		97
50) Dimethylphthalate	9.55	163	292316	4.952	ng		99
52) Acenaphthene	9.87	154	609900	12.241	ng		98
54) 2,4-Dinitrophenol	10.07	184	224	6.656	ng	#	1
55) Dibenzofuran	10.05	168	676768	9.862	ng		92
56) 4-Nitrophenol	10.05	139	257149	21.708	ng	#	6
58) Fluorene	10.39	166	701752	14.501	ng		99
67) 4-Bromophenyl-phenylether	10.63	248	50088	3.254	ng	#	1
71) Phenanthrene	11.36	178	5689543	81.340	ng		92
72) Anthracene	11.40	178	2031250	28.809	ng		97
73) Carbazole	11.55	167	920765	12.550	ng		96
75) Fluoranthene	12.54	202	6632446	96.901	ng		92
78) Pyrene	12.77	202	6042011	79.768	ng		92
81) Benzo(a)anthracene	13.96	228	3738586	65.631	ng		95
83) Chrysene	13.99	228	3530758	62.436	ng		96
86) Indeno(1,2,3-cd)pyrene	16.82	276	1351806	29.773	ng	#	88
88) Benzo(b)fluoranthene	15.00	252	5563023	101.426	ng	#	96
89) Benzo(k)fluoranthene	15.00	252	5563023	104.917	ng	#	96
90) Benzo(a)pyrene	15.35	252	2934317	58.326	ng		98
91) Dibenzo(a,h)anthracene	16.83	278	378340	8.962	ng		92
92) Benzo(g,h,i)perylene	17.24	276	1196504	28.203	ng		97

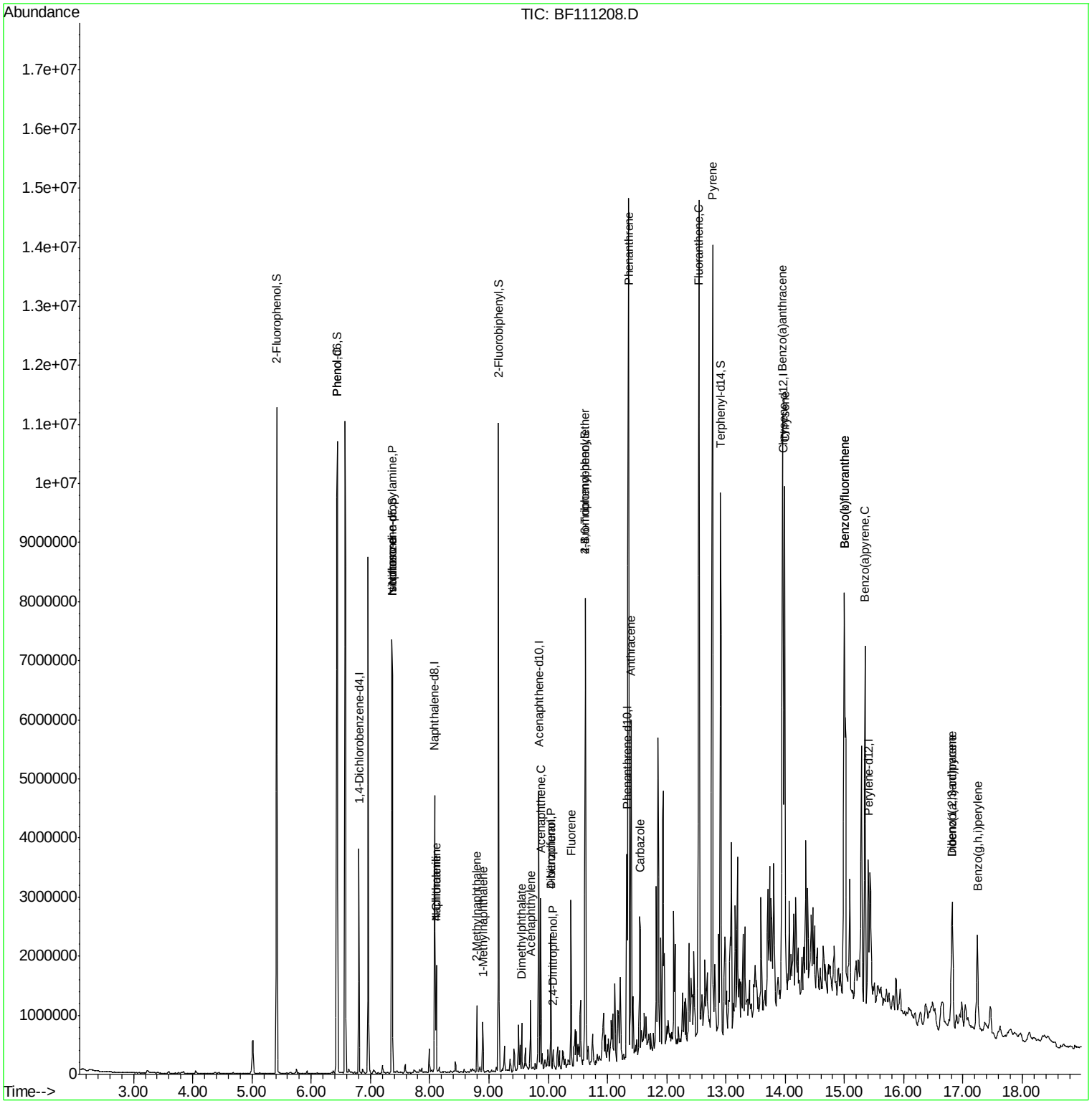
(#) = qualifier out of range (m) = manual integration (+) = signals summed

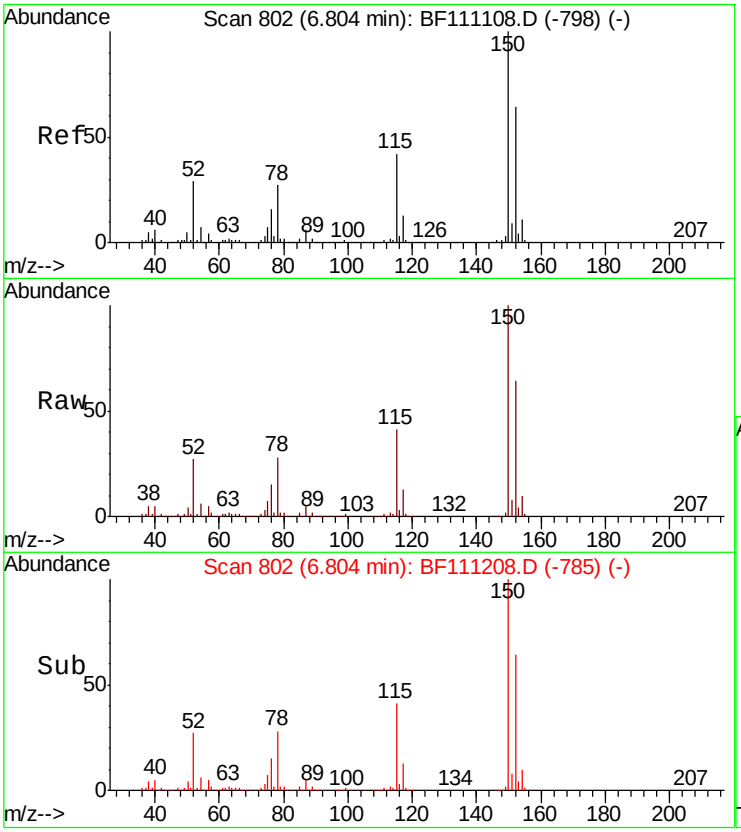
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF120718\
Data File : BF111208.D
Acq On : 8 Dec 2018 1:34
Operator : JU/SJ
Sample : J6260-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Quant Time: Dec 08 02:55:03 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 05 17:30:55 2018
Response via : Initial Calibration



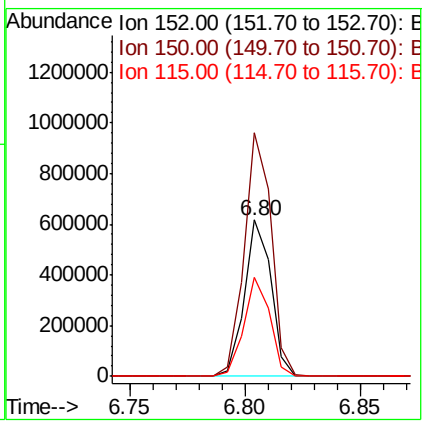


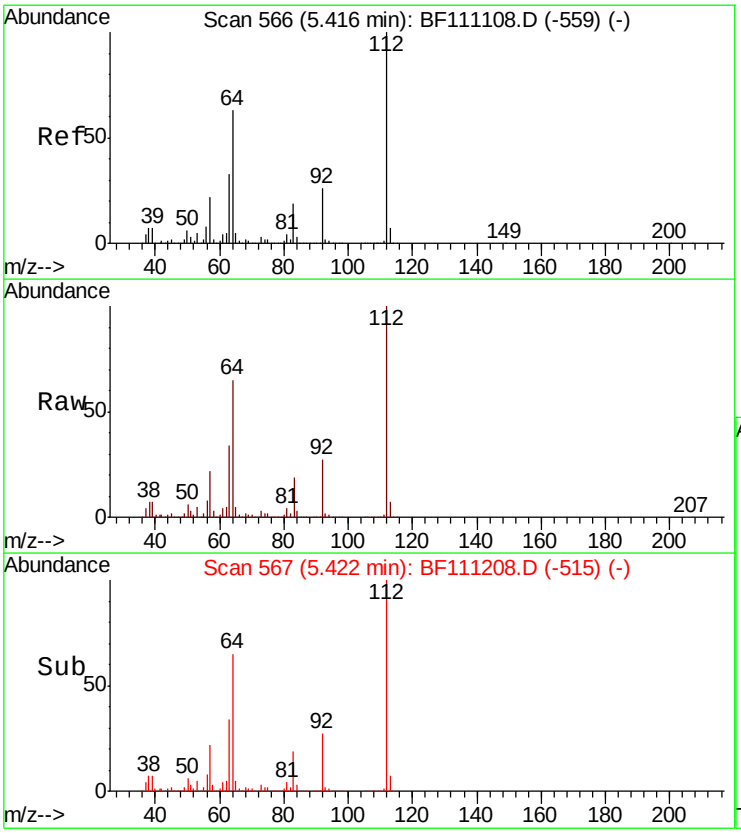
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF111208.D
Acq: 8 Dec 2018 1:34

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tgt Ion:152 Resp: 496688

Ion	Ratio	Lower	Upper
152	100		
150	156.0	124.6	187.0
115	63.8	52.2	78.2

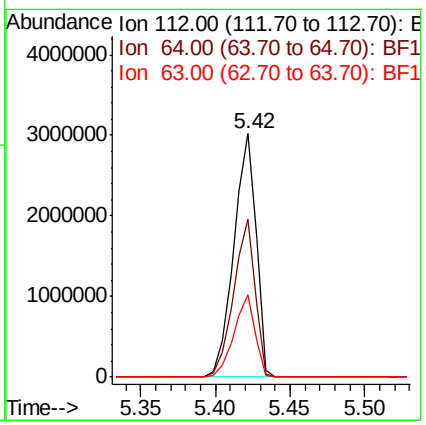


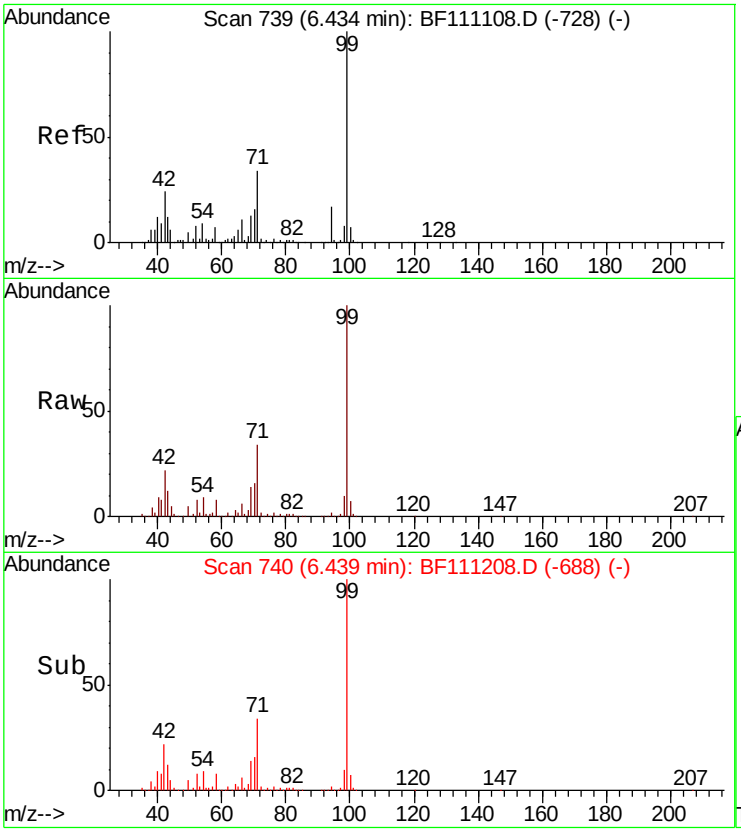


#5
2-Fluorophenol
Concen: 99.368 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF111208.D
Acq: 8 Dec 2018 1:34

Tgt Ion:112 Resp: 3162857

Ion	Ratio	Lower	Upper
112	100		
64	64.6	50.2	75.4
63	33.9	26.6	39.8



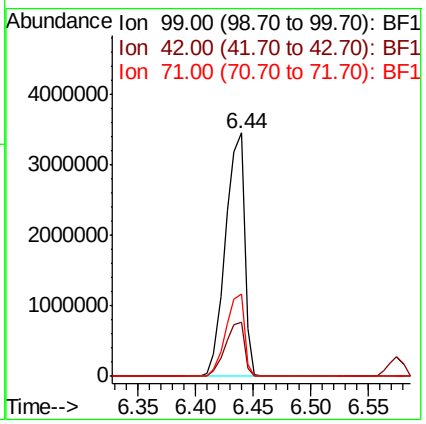


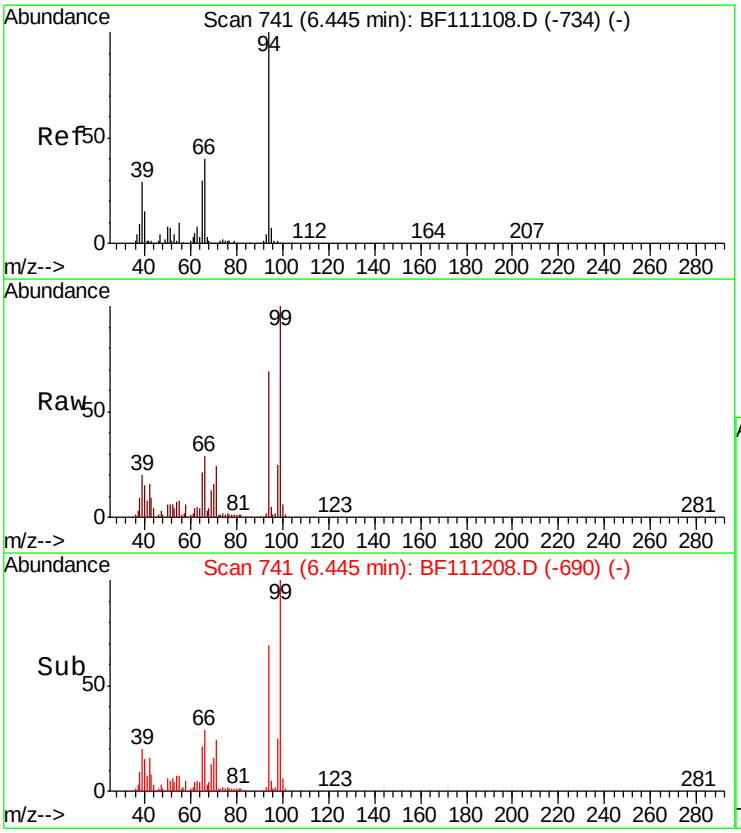
#7
Phenol-d6
Concen: 96.627 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.01 min
Lab File: BF111208.D
Acq: 8 Dec 2018 1:34

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tgt Ion: 99 Resp: 3961899

Ion	Ratio	Lower	Upper
99	100		
42	22.4	19.3	28.9
71	33.6	27.4	41.2

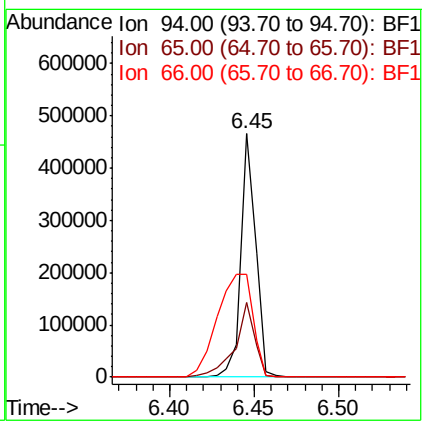


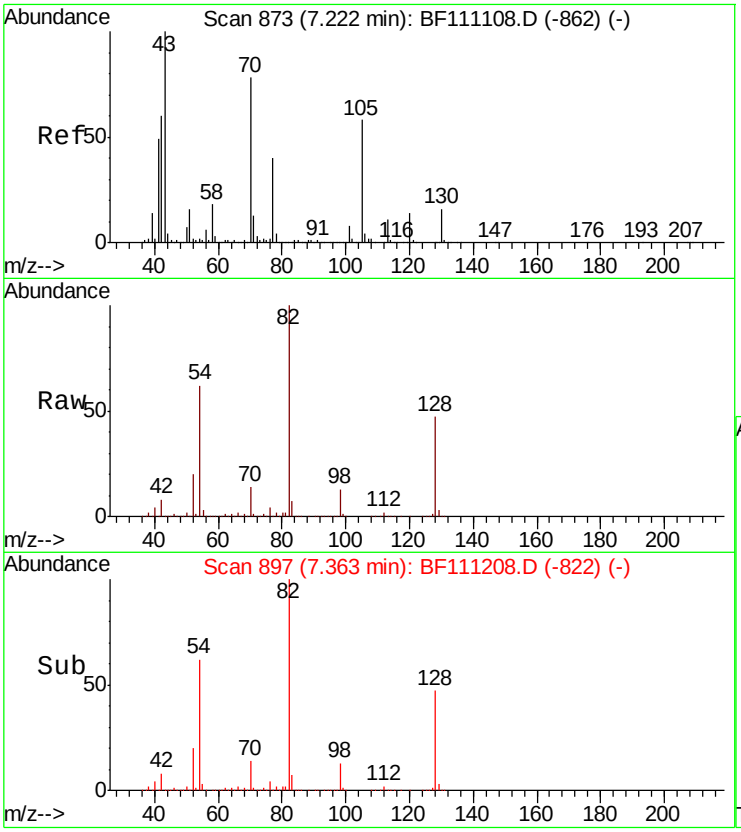


#10
Phenol
Concen: 6.333 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF111208.D
Acq: 8 Dec 2018 1:34

Tgt Ion: 94 Resp: 283138

Ion	Ratio	Lower	Upper
94	100		
65	30.5	10.5	50.5
66	42.0	19.8	59.8



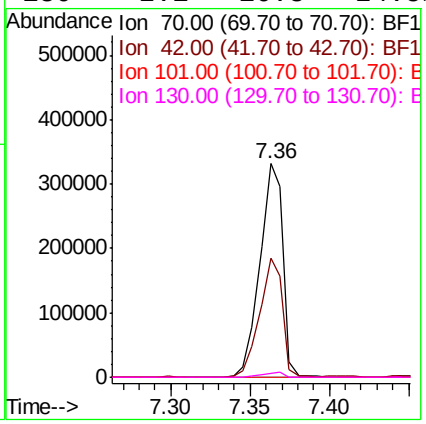


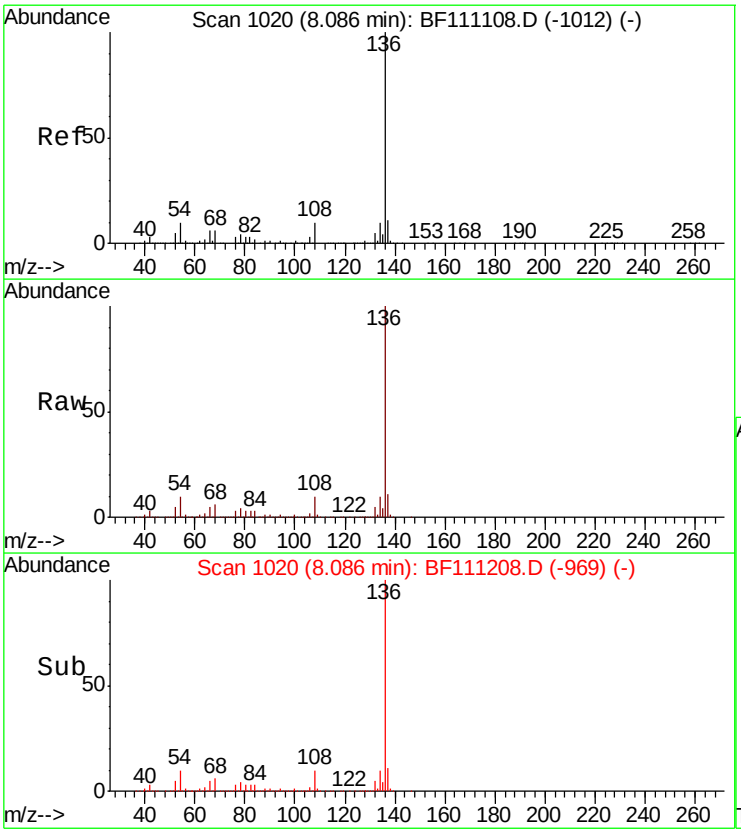
#19
n-Nitroso-di-n-propylamine
Concen: 12.231 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.14 min
Lab File: BF111208.D
Acq: 8 Dec 2018 1:34

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tgt Ion: 70 Resp: 337006

Ion	Ratio	Lower	Upper
70	100		
42	55.8	61.3	91.9#
101	0.0	7.7	11.5#
130	2.1	16.3	24.5#

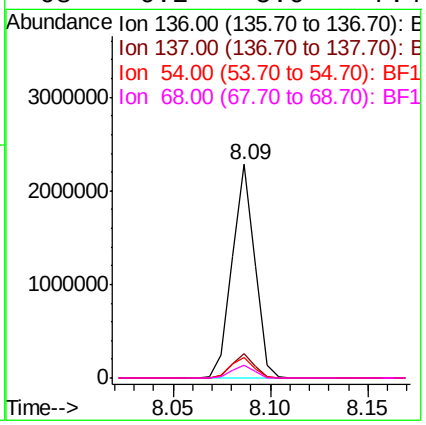


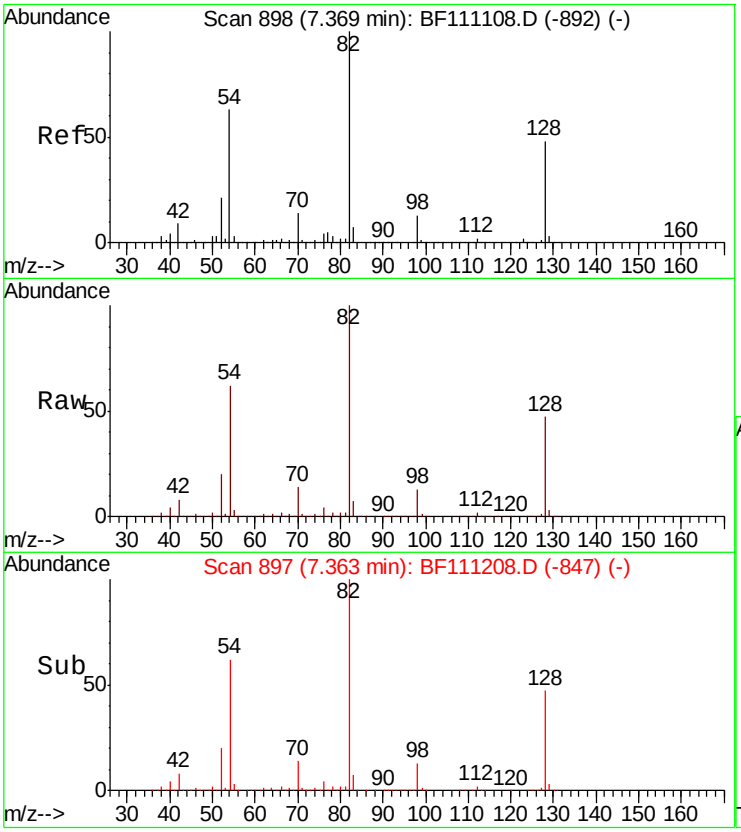


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF111208.D
Acq: 8 Dec 2018 1:34

Tgt Ion:136 Resp: 1831352

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	9.7	8.4	12.6
68	6.2	5.0	7.4



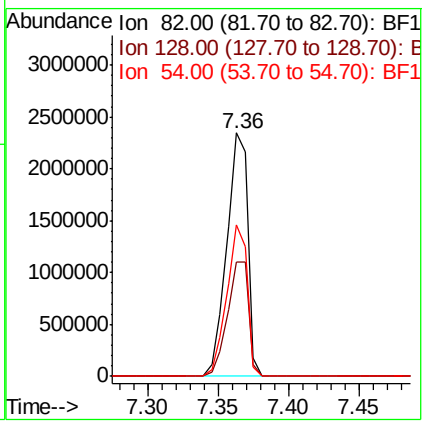


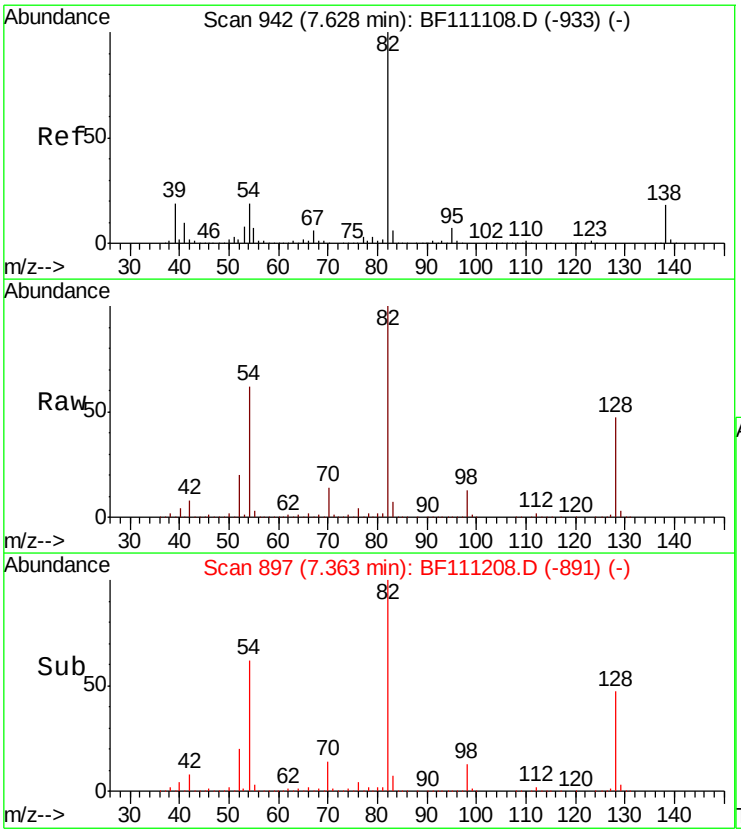
#23
Nitrobenzene-d5
Concen: 78.332 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF111208.D
Acq: 8 Dec 2018 1:34

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tgt Ion: 82 Resp: 2423062

Ion	Ratio	Lower	Upper
82	100		
128	47.0	38.1	57.1
54	62.4	50.3	75.5

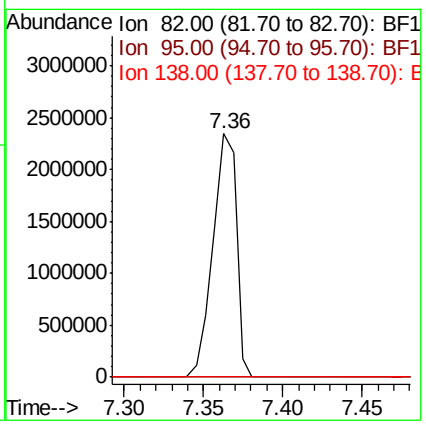


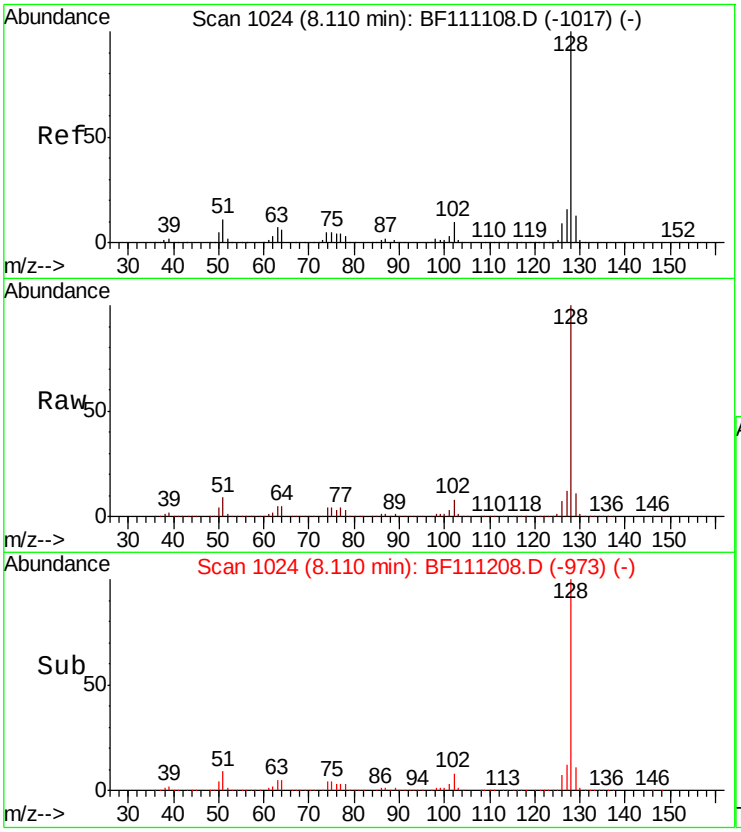


#25
Isophorone
Concen: 42.518 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.26 min
Lab File: BF111208.D
Acq: 8 Dec 2018 1:34

Tgt Ion: 82 Resp: 2413737

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	14.6	22.0#



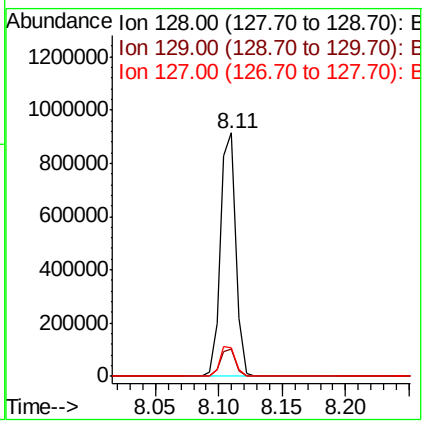


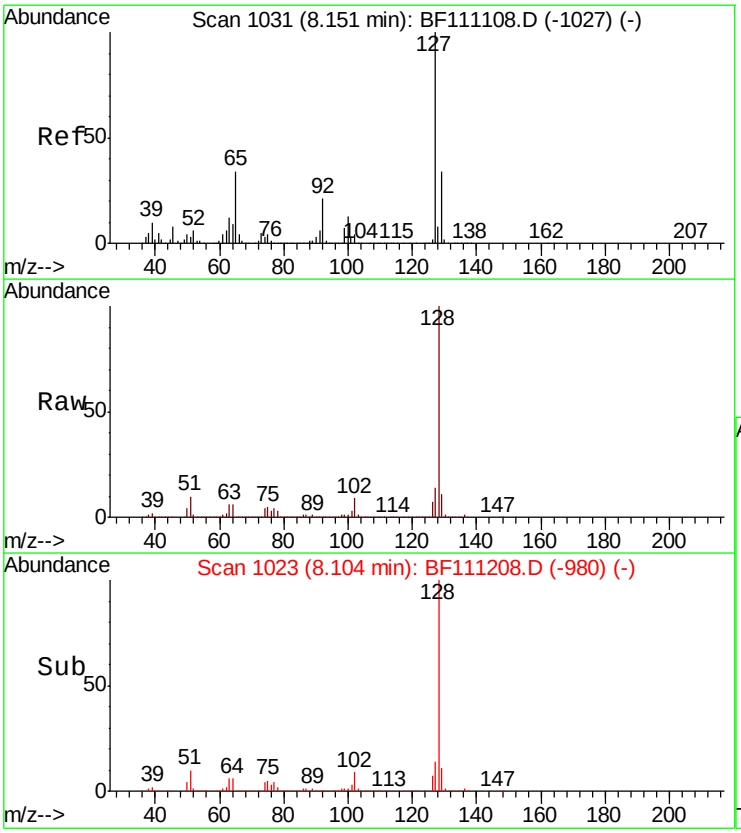
#31
Naphthalene
Concen: 9.743 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BF111208.D
Acq: 8 Dec 2018 1:34

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tgt Ion:128 Resp: 776822

Ion	Ratio	Lower	Upper
128	100		
129	11.0	10.5	15.7
127	11.9	12.5	18.7#

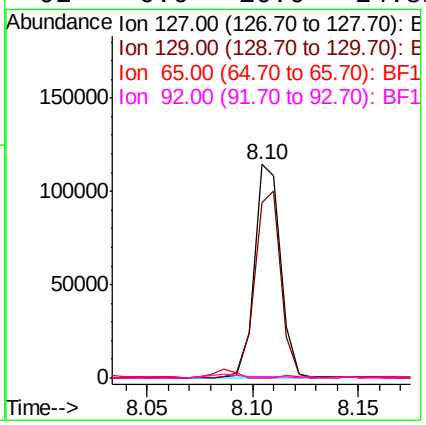


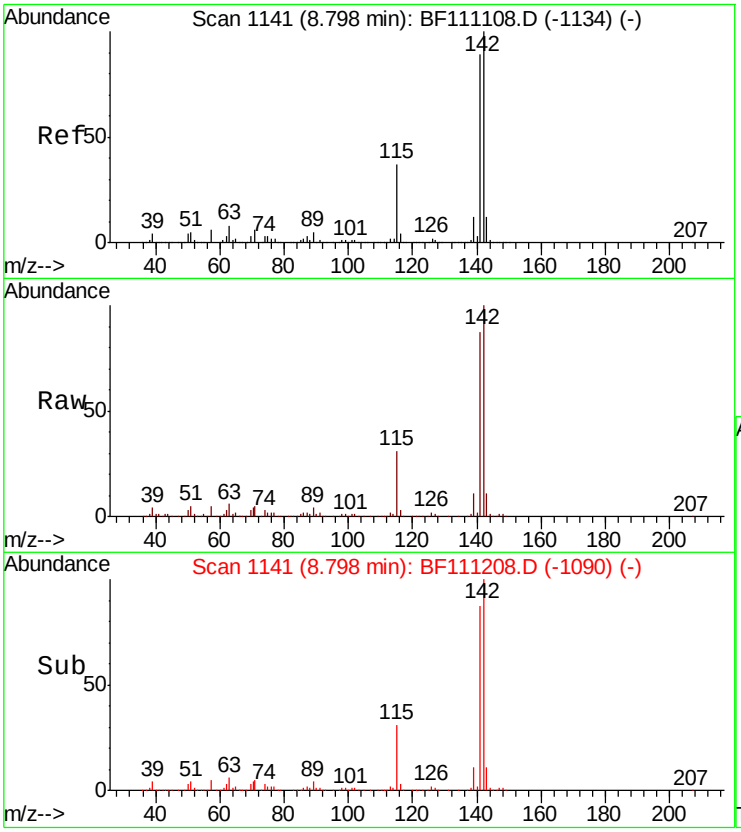


#33
4-Chloroaniline
Concen: 2.564 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.05 min
Lab File: BF111208.D
Acq: 8 Dec 2018 1:34

Tgt Ion:127 Resp: 98834

Ion	Ratio	Lower	Upper
127	100		
129	81.9	27.0	40.6#
65	0.0	27.2	40.8#
92	0.6	16.6	24.8#



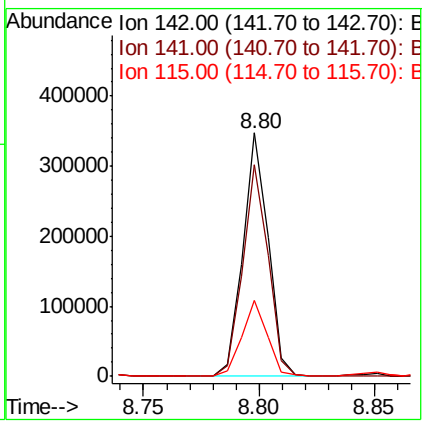


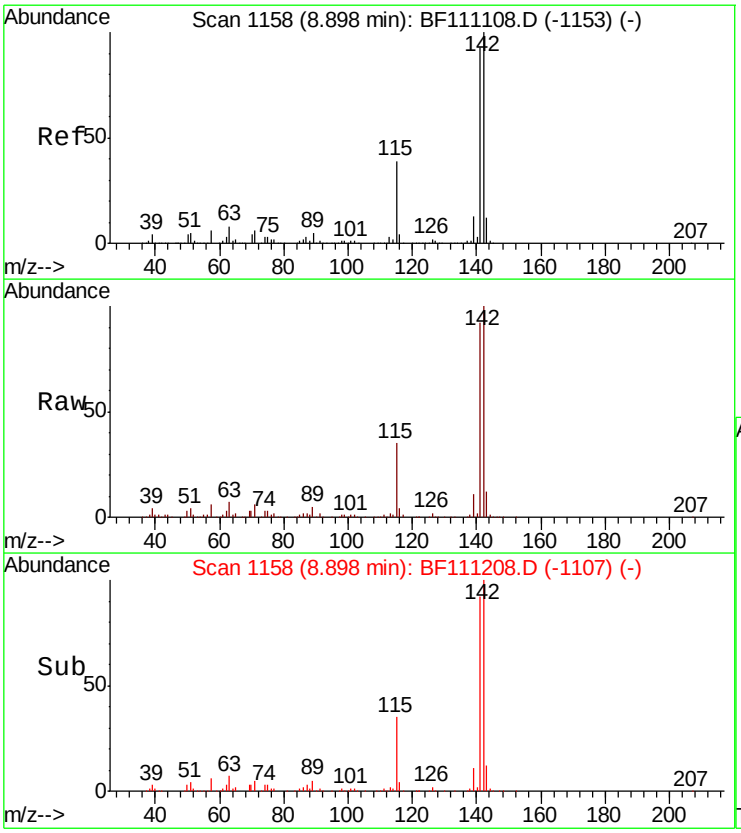
#37
2-Methylnaphthalene
Concen: 4.823 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BF111208.D
Acq: 8 Dec 2018 1:34

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tgt Ion:142 Resp: 265262

Ion	Ratio	Lower	Upper
142	100		
141	86.8	71.4	107.0
115	31.2	29.2	43.8

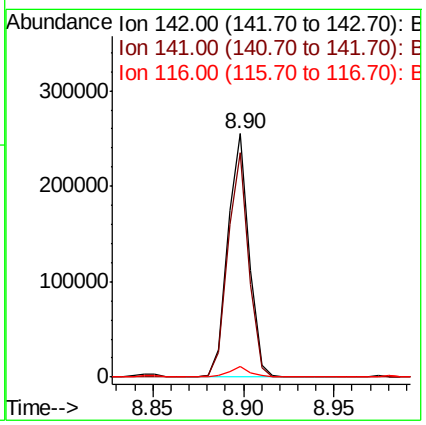


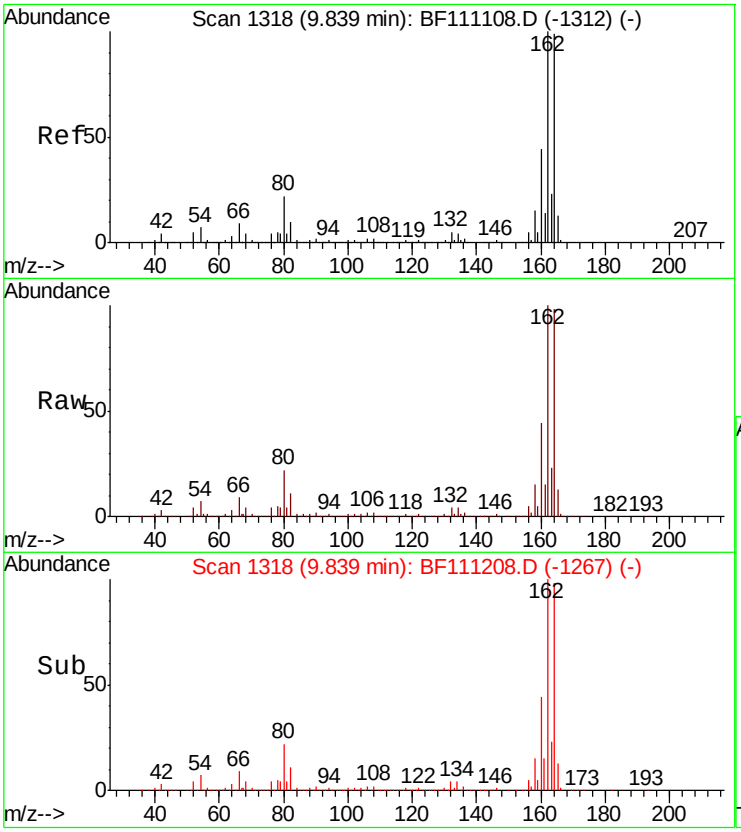


#38
1-Methylnaphthalene
Concen: 3.934 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BF111208.D
Acq: 8 Dec 2018 1:34

Tgt Ion:142 Resp: 208036

Ion	Ratio	Lower	Upper
142	100		
141	92.0	74.5	111.7
116	4.2	3.2	4.8



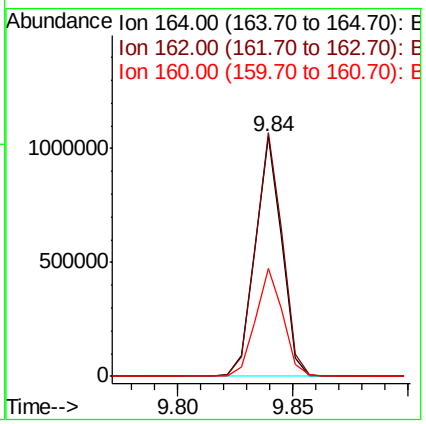


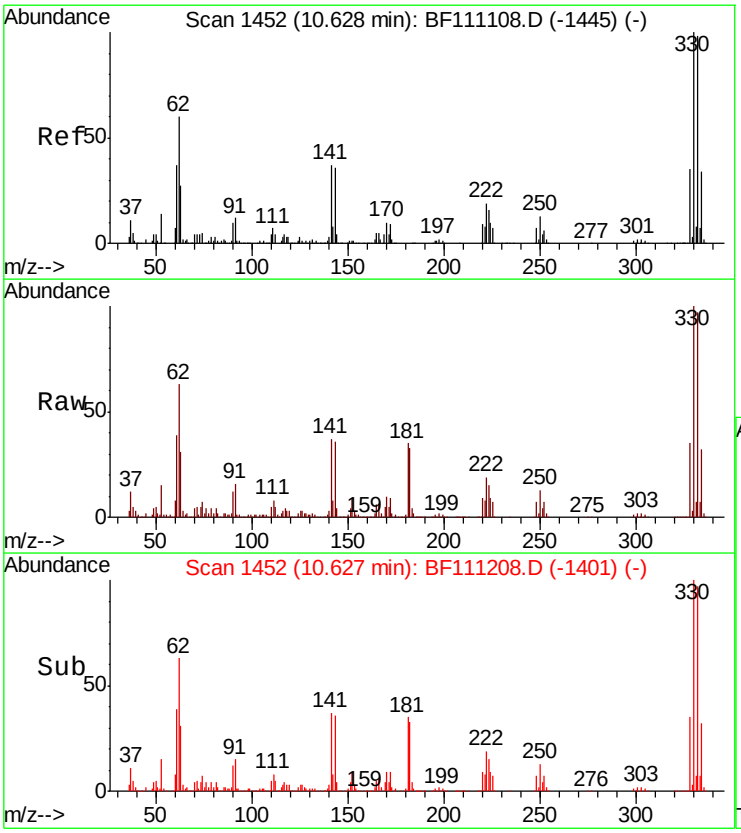
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF111208.D
Acq: 8 Dec 2018 1:34

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tgt Ion:164 Resp: 848152

Ion	Ratio	Lower	Upper
164	100		
162	101.7	80.6	120.8
160	45.1	35.5	53.3

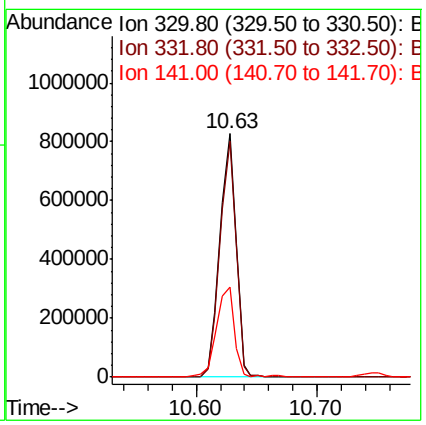


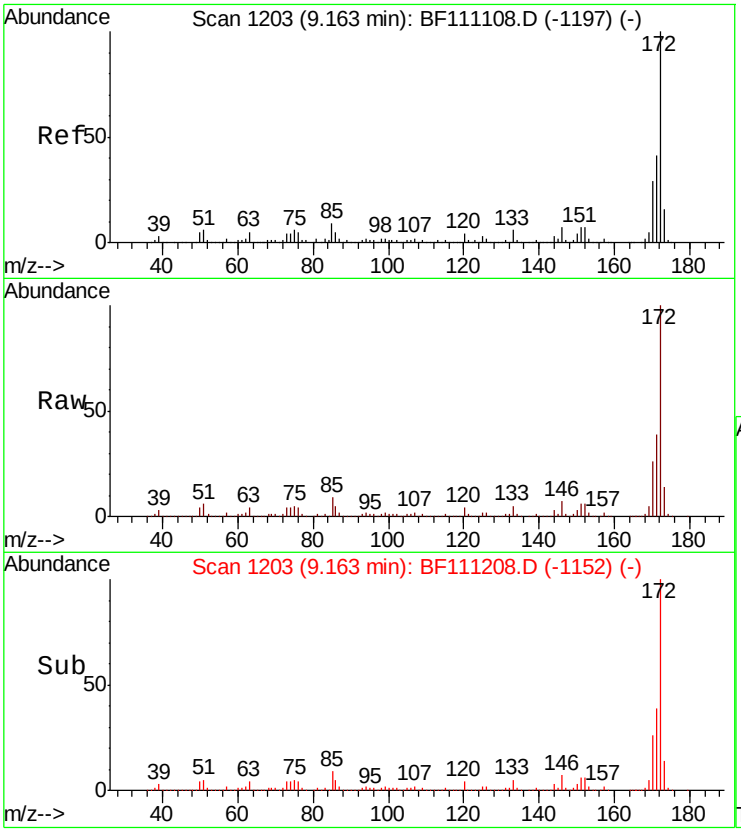


#42
2,4,6-Tribromophenol
Concen: 114.547 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BF111208.D
Acq: 8 Dec 2018 1:34

Tgt Ion:330 Resp: 772257

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.2	115.8
141	39.6	36.1	54.1



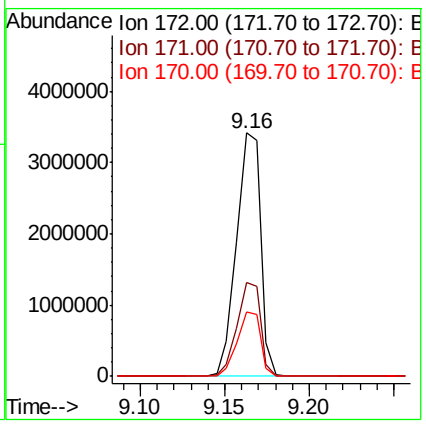


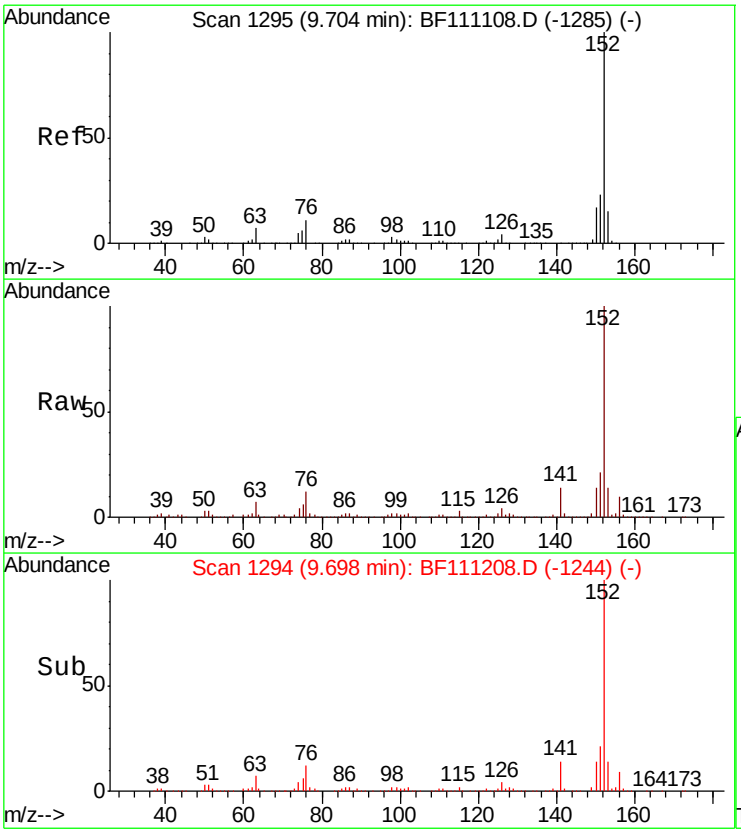
#45
2-Fluorobiphenyl
Concen: 72.264 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF111208.D
Acq: 8 Dec 2018 1:34

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tgt Ion:172 Resp: 3409795

Ion	Ratio	Lower	Upper
172	100		
171	38.5	33.2	49.8
170	26.2	22.9	34.3

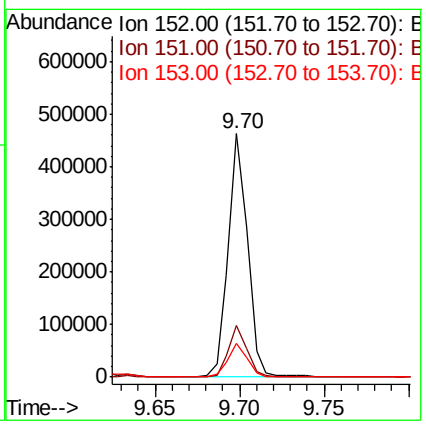


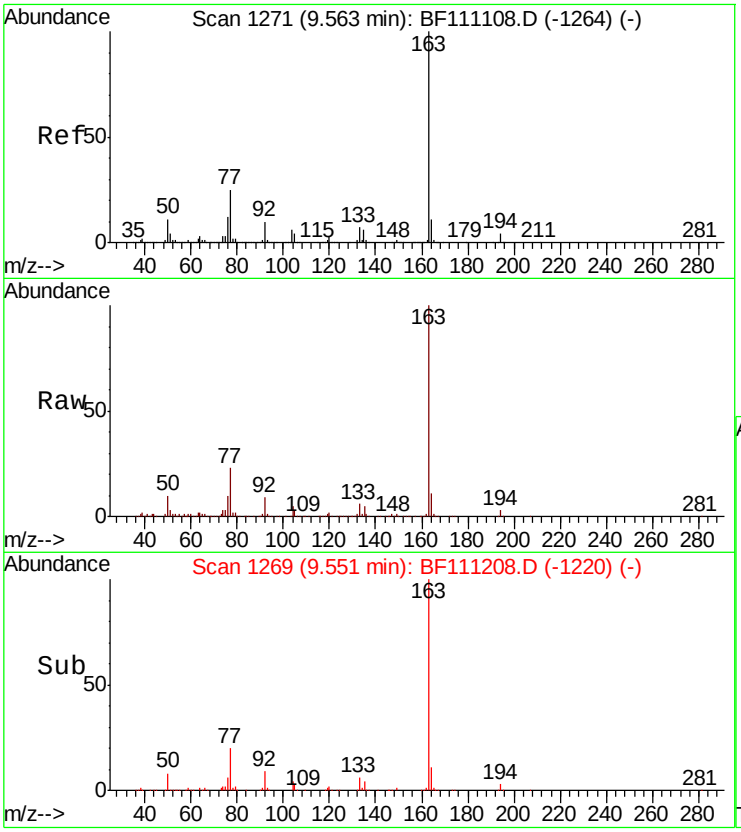


#49
Acenaphthylene
Concen: 4.882 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF111208.D
Acq: 8 Dec 2018 1:34

Tgt Ion:152 Resp: 368192

Ion	Ratio	Lower	Upper
152	100		
151	21.1	18.3	27.5
153	13.8	11.8	17.8



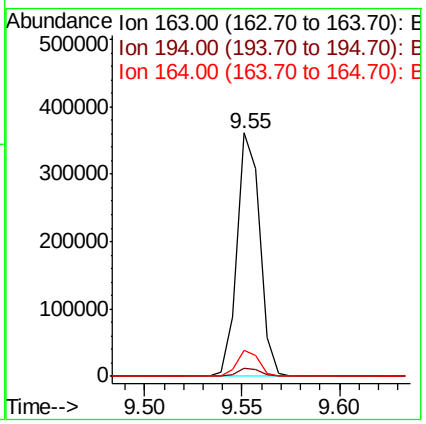


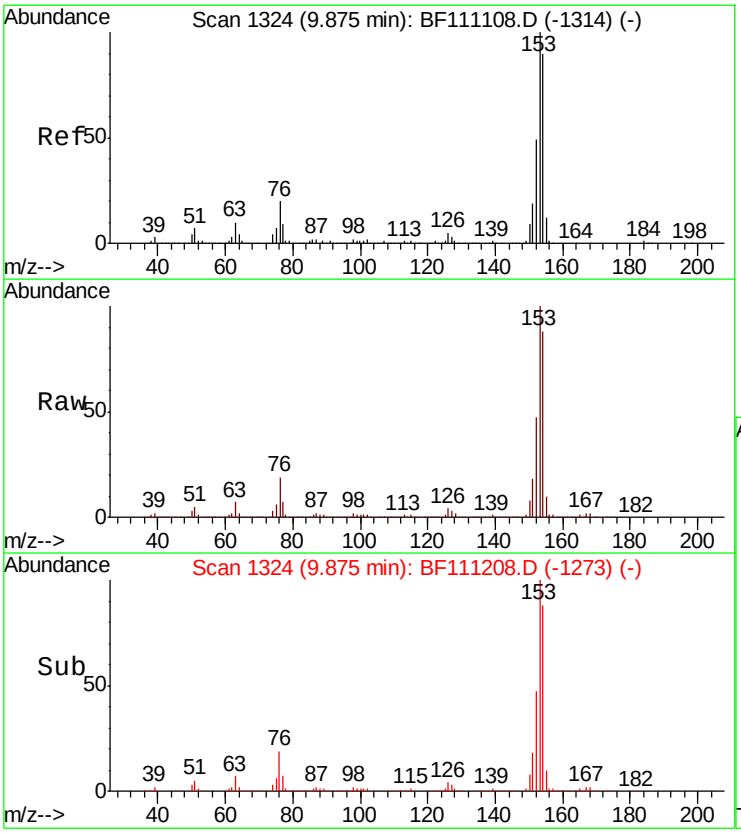
#50
Dimethylphthalate
Concen: 4.952 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF111208.D
Acq: 8 Dec 2018 1:34

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tgt Ion:163 Resp: 292316

Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.0	4.4
164	10.5	8.9	13.3

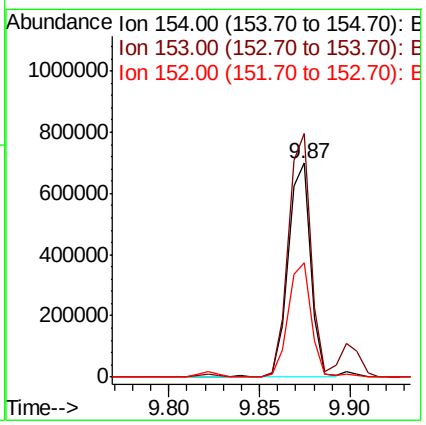


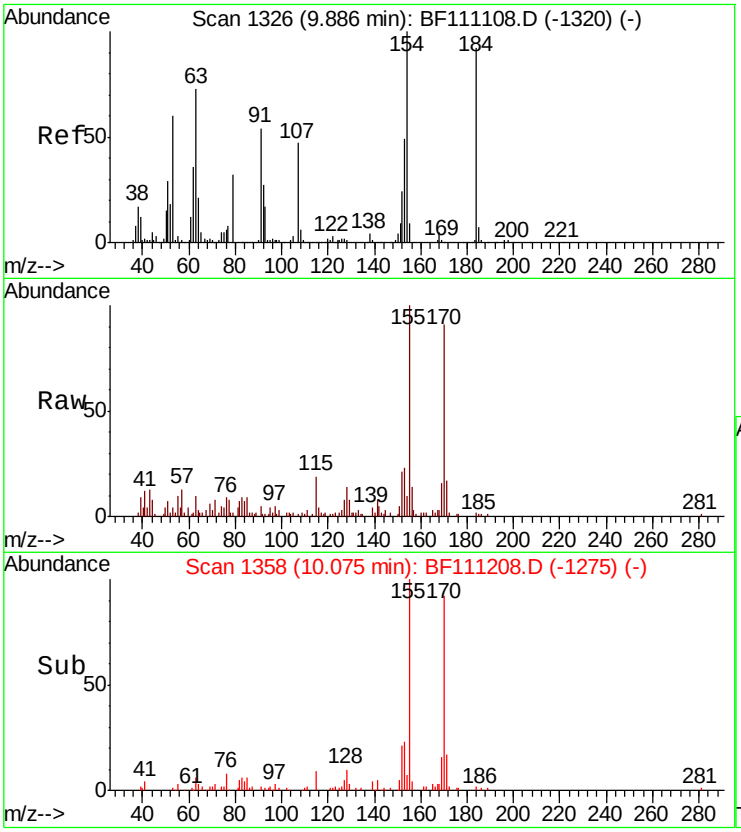


#52
Acenaphthene
Concen: 12.241 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF111208.D
Acq: 8 Dec 2018 1:34

Tgt Ion:154 Resp: 609900

Ion	Ratio	Lower	Upper
154	100		
153	113.8	88.7	133.1
152	53.6	43.8	65.8



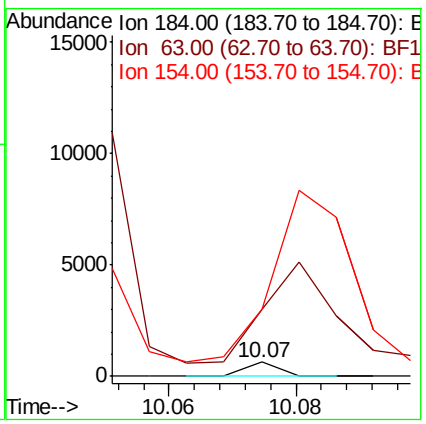


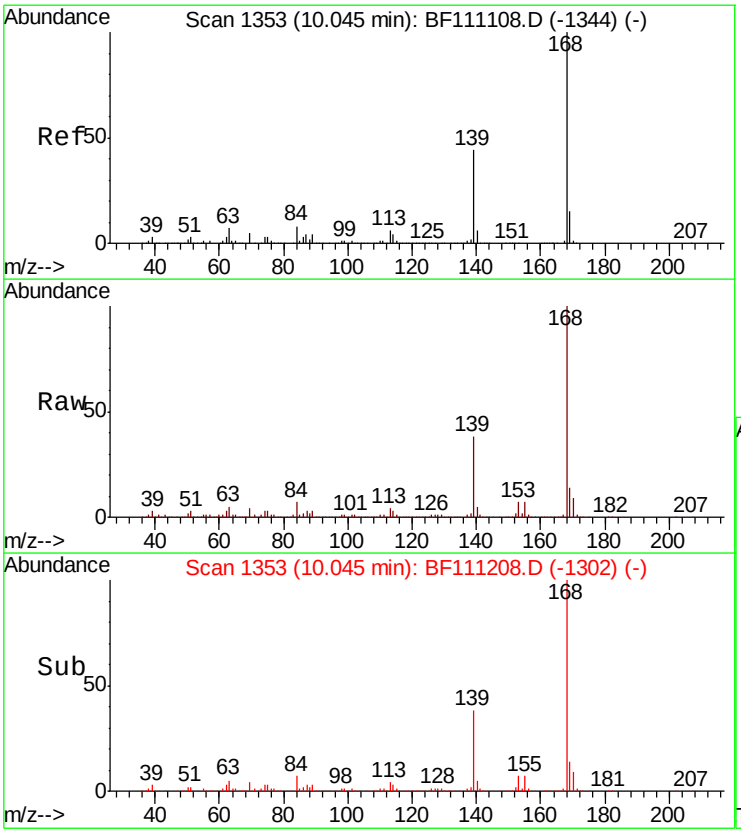
#54
2,4-Dinitrophenol
Concen: 6.656 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.19 min
Lab File: BF111208.D
Acq: 8 Dec 2018 1:34

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tgt Ion:184 Resp: 224

Ion	Ratio	Lower	Upper
184	100		
63	469.8	64.2	96.4#
154	474.5	89.5	134.3#

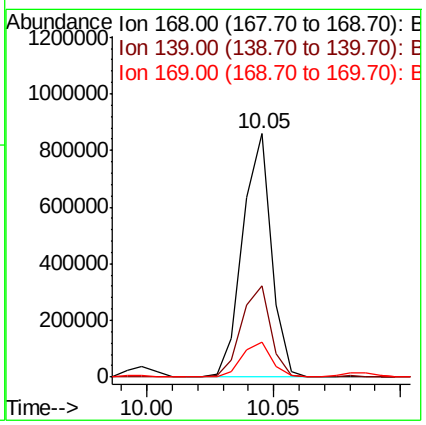


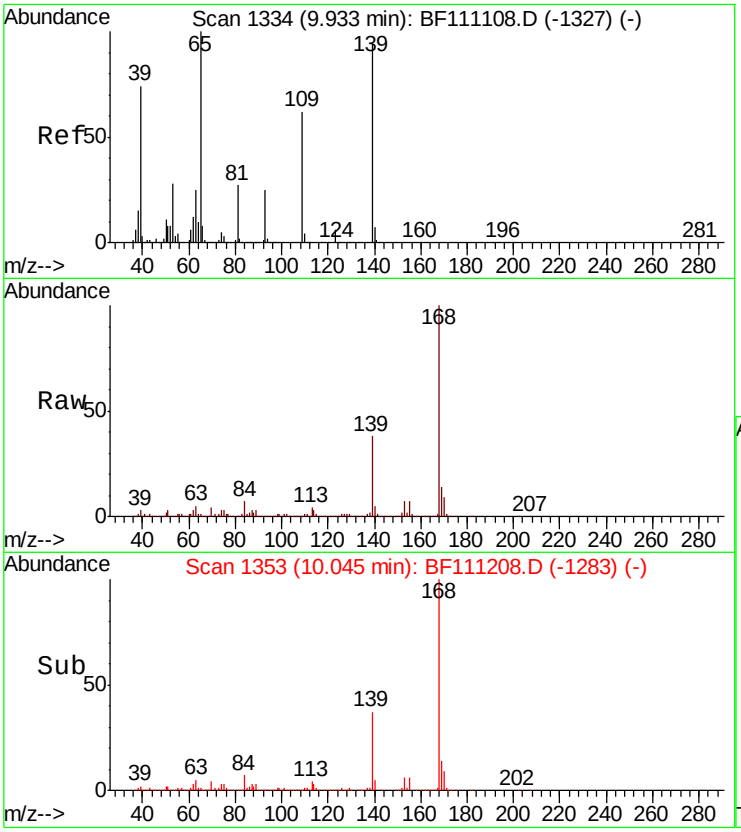


#55
Dibenzofuran
Concen: 9.862 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BF111208.D
Acq: 8 Dec 2018 1:34

Tgt Ion:168 Resp: 676768

Ion	Ratio	Lower	Upper
168	100		
139	37.6	35.1	52.7
169	14.3	12.2	18.4



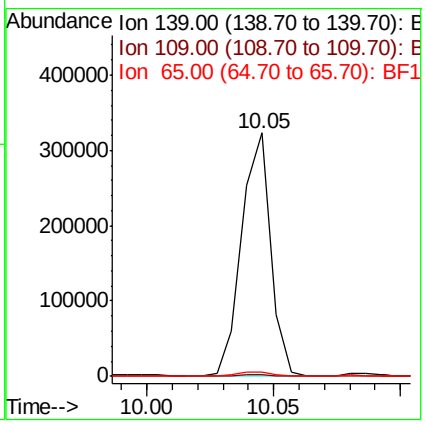


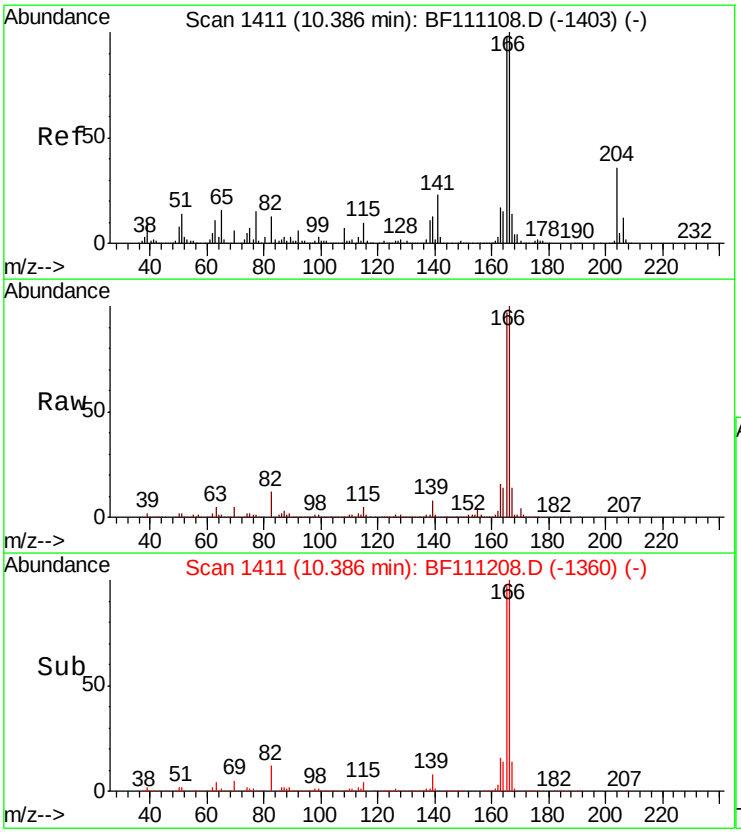
#56
4-Nitrophenol
Concen: 21.708 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.11 min
Lab File: BF111208.D
Acq: 8 Dec 2018 1:34

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tgt Ion:139 Resp: 257149

Ion	Ratio	Lower	Upper
139	100		
109	0.9	46.1	86.1#
65	1.7	87.0	127.0#

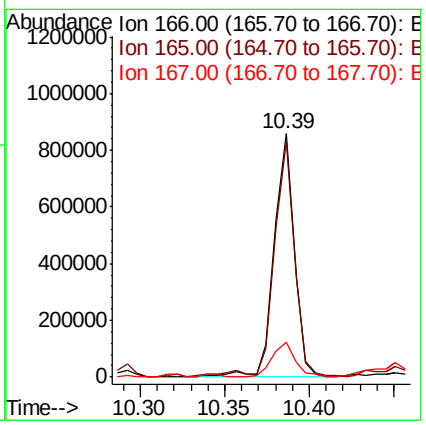


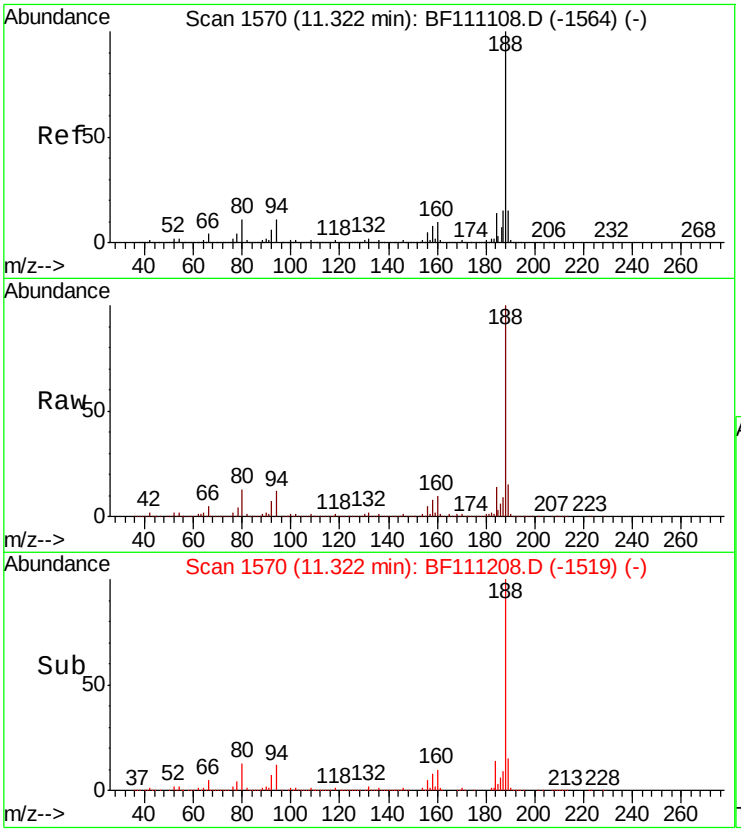


#58
Fluorene
Concen: 14.501 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.00 min
Lab File: BF111208.D
Acq: 8 Dec 2018 1:34

Tgt Ion:166 Resp: 701752

Ion	Ratio	Lower	Upper
166	100		
165	97.0	78.4	117.6
167	14.3	11.4	17.2



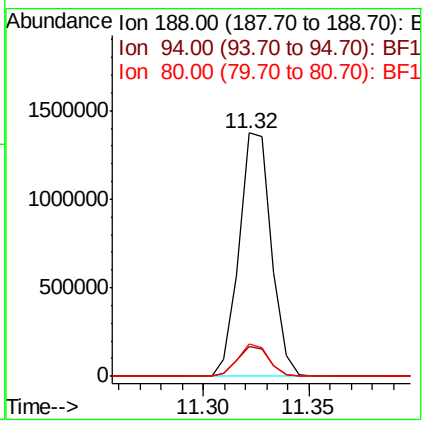


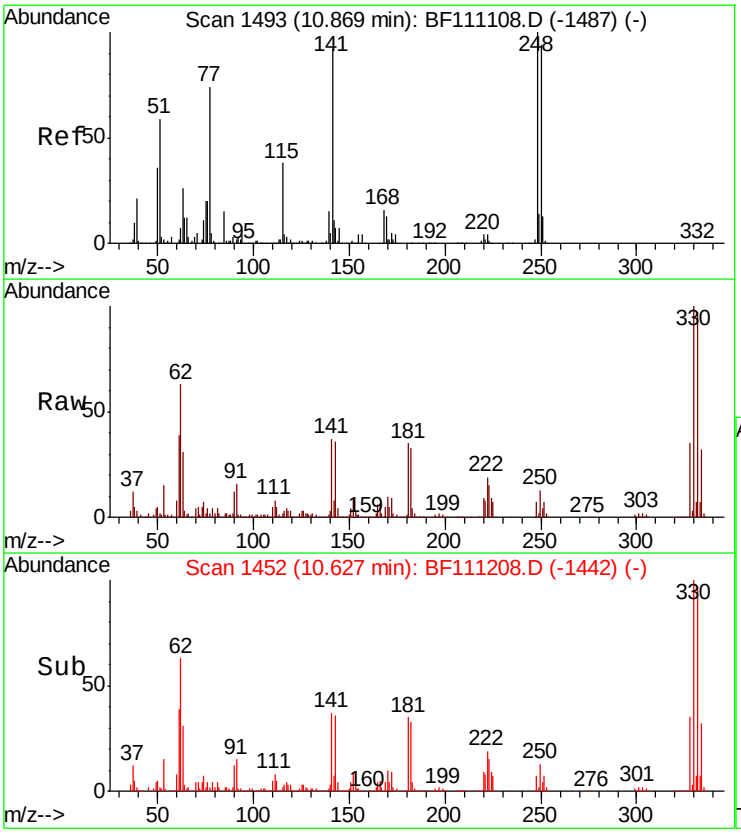
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF111208.D
Acq: 8 Dec 2018 1:34

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tgt Ion:188 Resp: 1454157

Ion	Ratio	Lower	Upper
188	100		
94	12.3	8.5	12.7
80	13.4	9.0	13.6

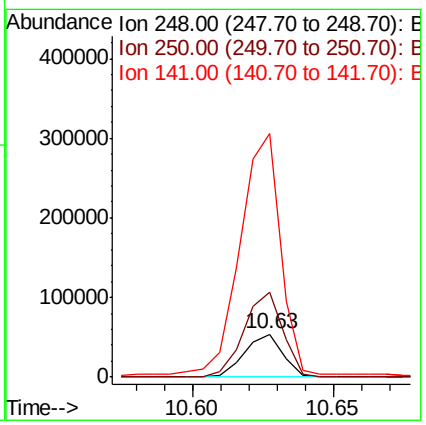


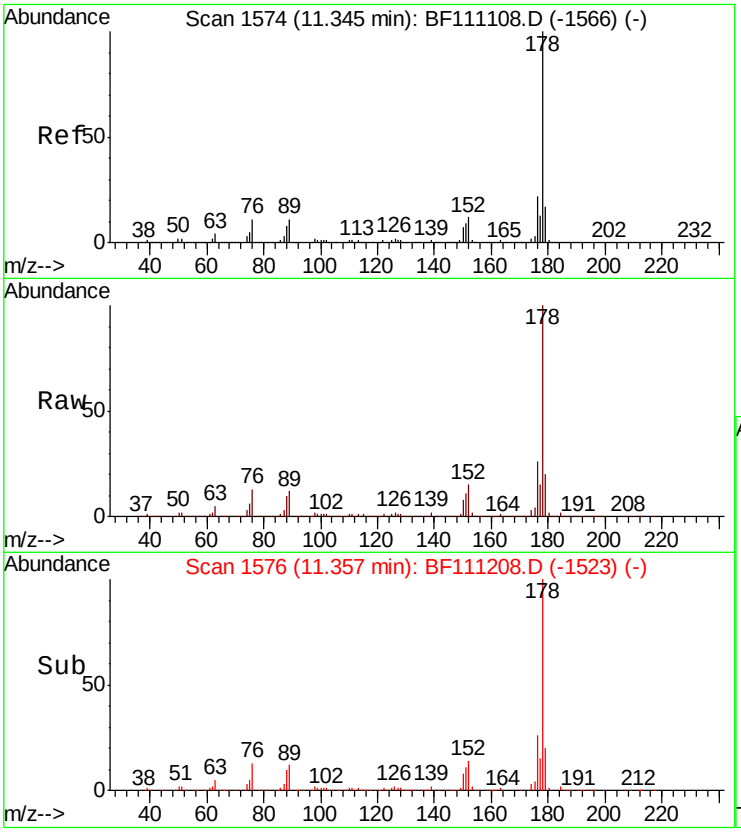


#67
4-Bromophenyl-phenylether
Concen: 3.254 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.24 min
Lab File: BF111208.D
Acq: 8 Dec 2018 1:34

Tgt Ion:248 Resp: 50088

Ion	Ratio	Lower	Upper
248	100		
250	198.4	75.4	113.0#
141	568.1	73.8	110.6#



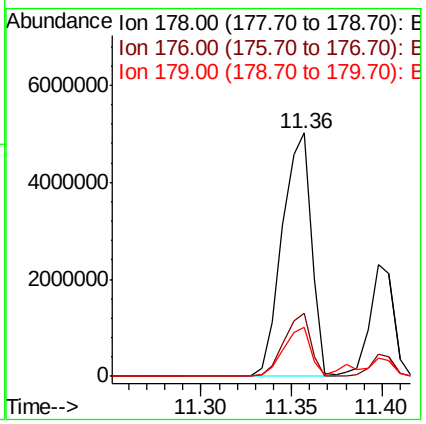


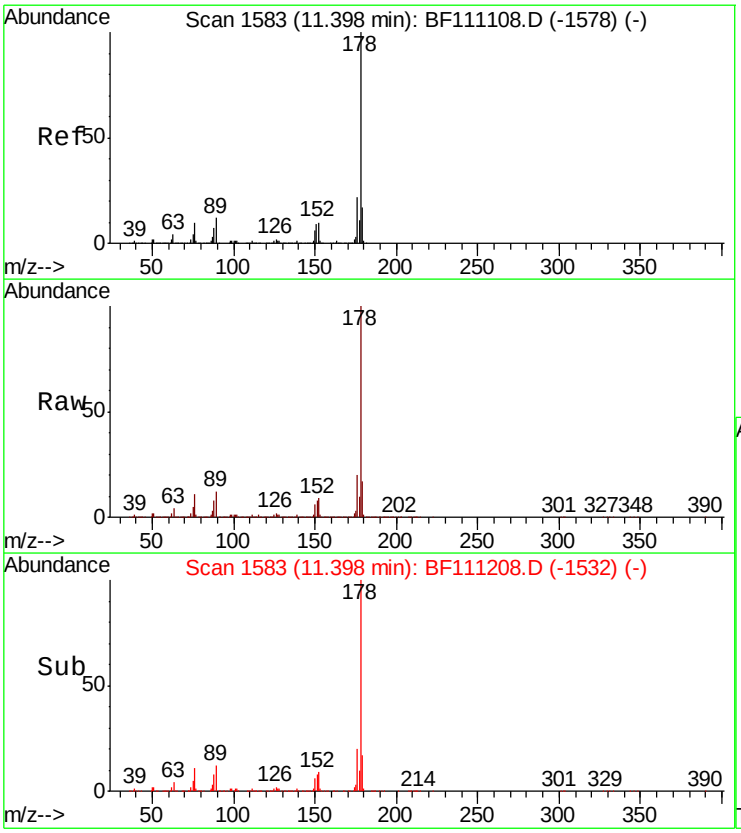
#71
Phenanthrene
Concen: 81.340 ng
RT: 11.36 min Scan# 1576
Delta R.T. 0.01 min
Lab File: BF111208.D
Acq: 8 Dec 2018 1:34

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tgt Ion:178 Resp: 5689543

Ion	Ratio	Lower	Upper
178	100		
176	26.1	17.7	26.5
179	20.4	14.0	21.0

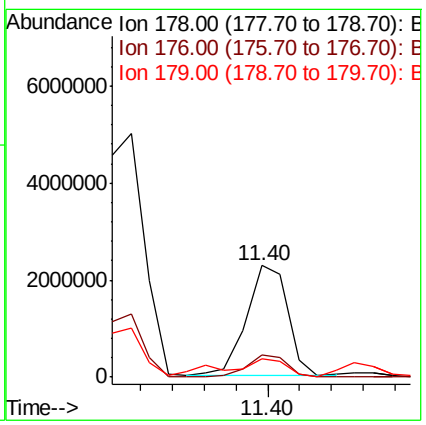


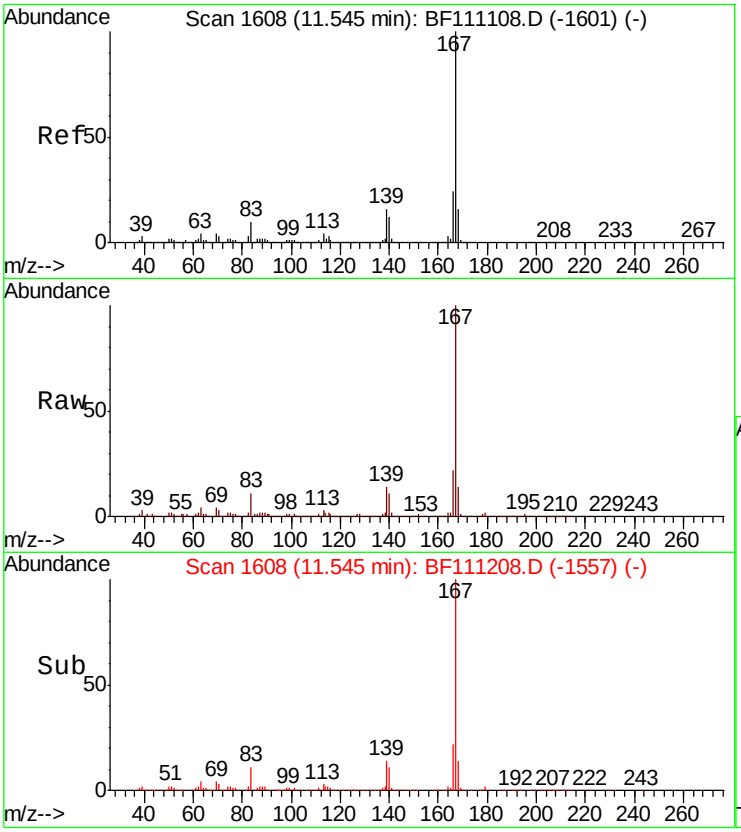


#72
Anthracene
Concen: 28.809 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BF111208.D
Acq: 8 Dec 2018 1:34

Tgt Ion:178 Resp: 2031250

Ion	Ratio	Lower	Upper
178	100		
176	19.9	17.3	25.9
179	16.6	13.8	20.8



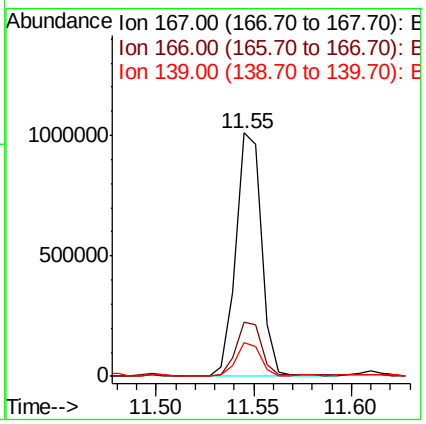


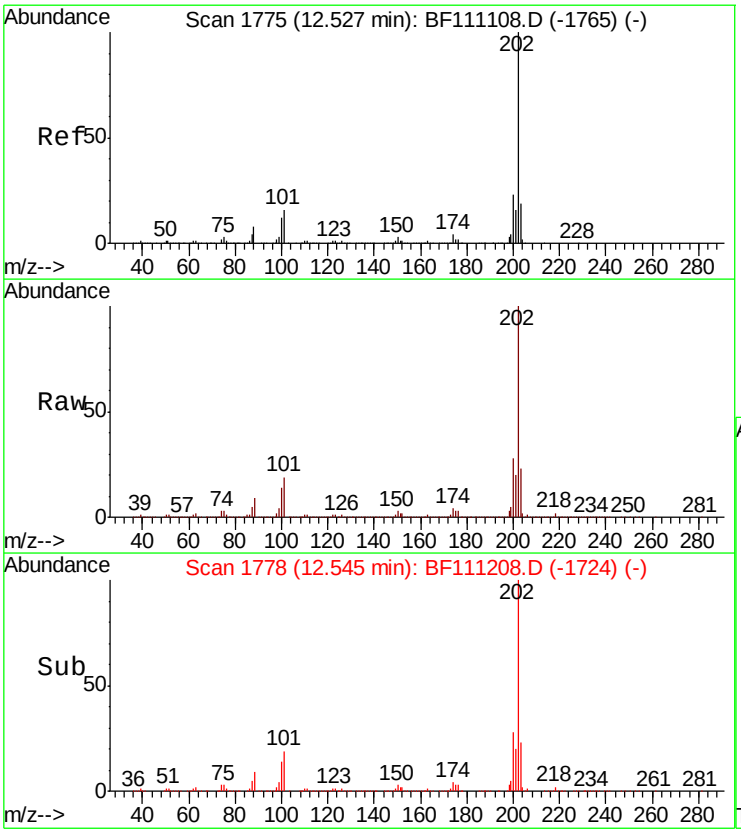
#73
Carbazole
Concen: 12.550 ng
RT: 11.55 min Scan# 1608
Delta R.T. -0.00 min
Lab File: BF111208.D
Acq: 8 Dec 2018 1:34

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tgt Ion:167 Resp: 920765

Ion	Ratio	Lower	Upper
167	100		
166	22.4	19.4	29.0
139	13.9	12.6	18.8

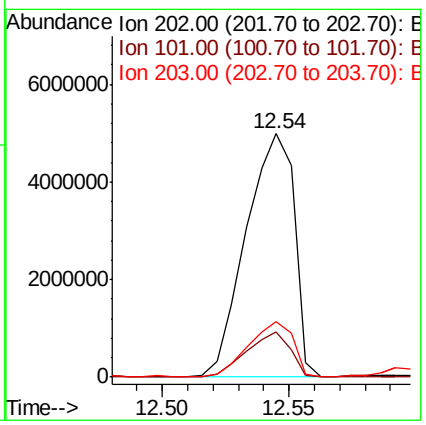


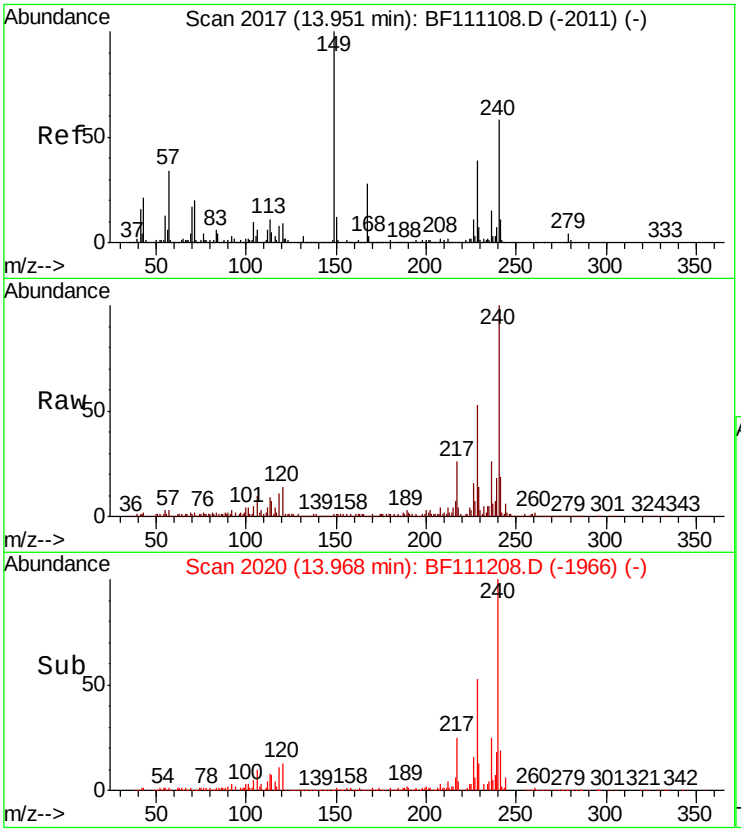


#75
Fluoranthene
Concen: 96.901 ng
RT: 12.54 min Scan# 1778
Delta R.T. 0.02 min
Lab File: BF111208.D
Acq: 8 Dec 2018 1:34

Tgt Ion:202 Resp: 6632446

Ion	Ratio	Lower	Upper
202	100		
101	18.6	0.0	35.8
203	23.0	0.0	38.6



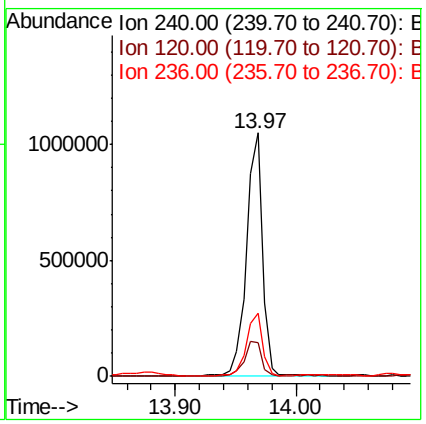


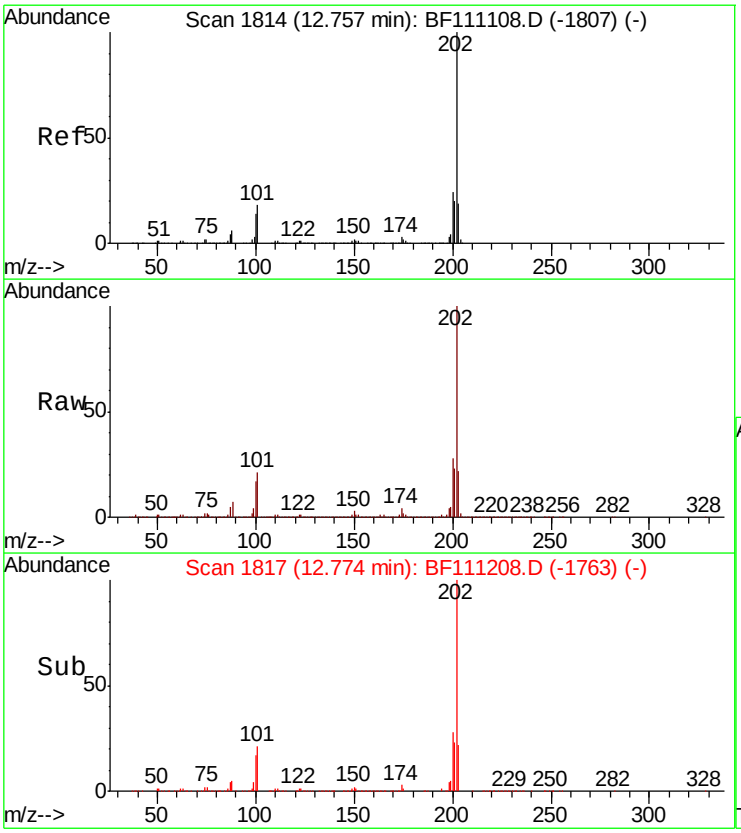
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. 0.02 min
Lab File: BF111208.D
Acq: 8 Dec 2018 1:34

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tgt Ion:240 Resp: 972247

Ion	Ratio	Lower	Upper
240	100		
120	13.6	12.8	19.2
236	26.0	21.1	31.7

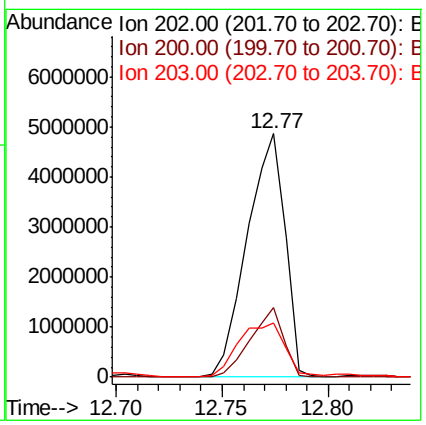


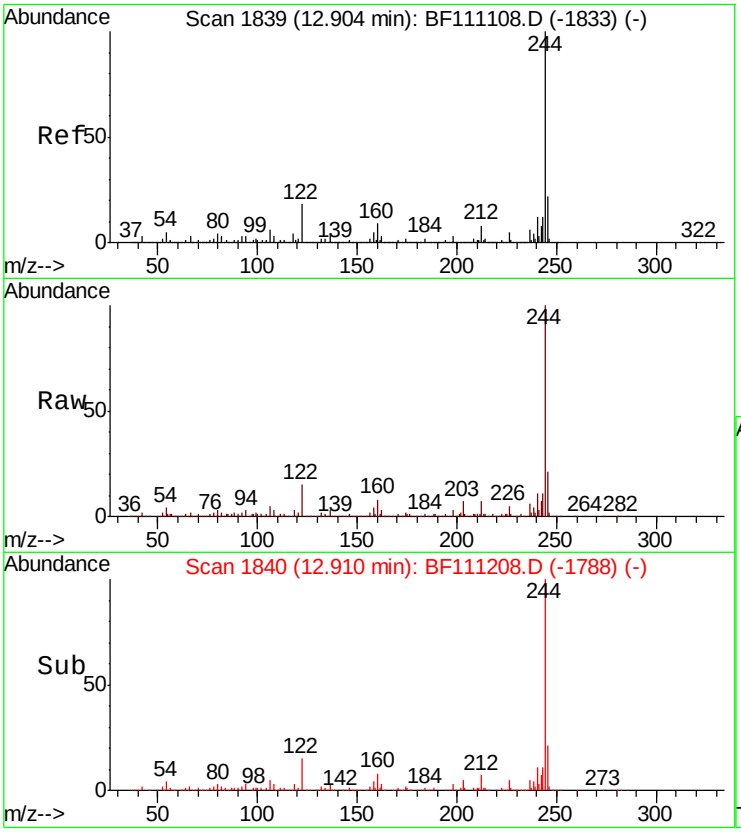


#78
Pyrene
Concen: 79.768 ng
RT: 12.77 min Scan# 1817
Delta R.T. 0.02 min
Lab File: BF111208.D
Acq: 8 Dec 2018 1:34

Tgt Ion:202 Resp: 6042011

Ion	Ratio	Lower	Upper
202	100		
200	28.3	19.3	28.9
203	22.4	15.4	23.2



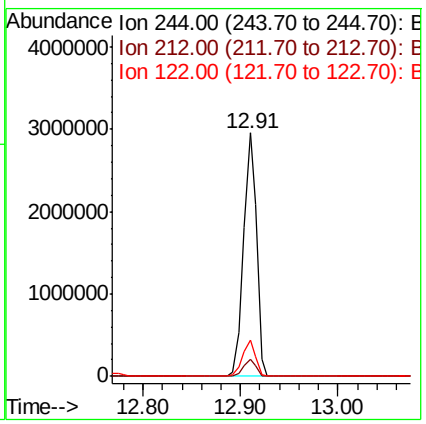


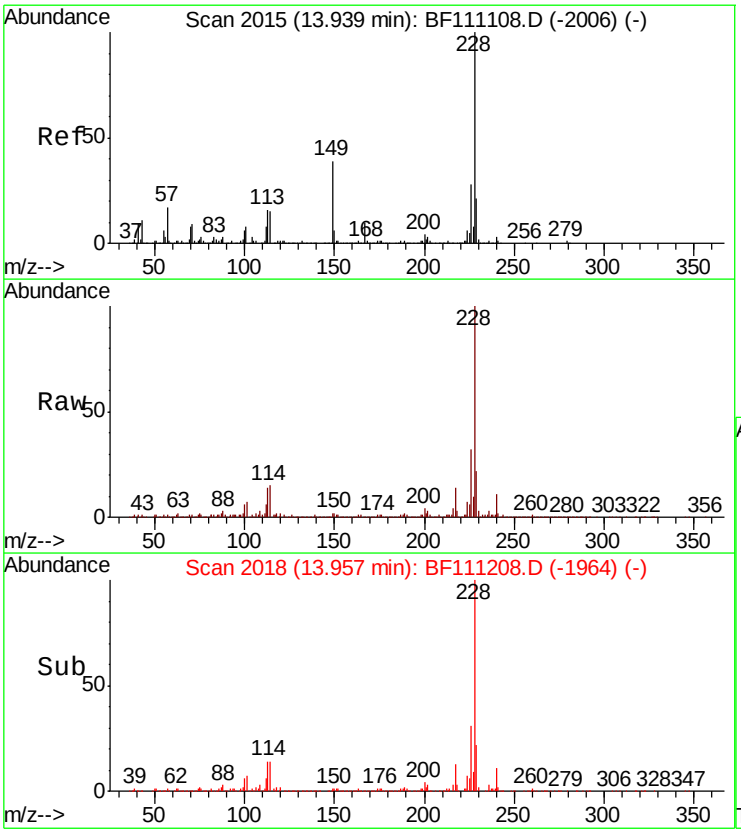
#79
Terphenyl-d14
Concen: 57.127 ng
RT: 12.91 min Scan# 1840
Delta R.T. 0.01 min
Lab File: BF111208.D
Acq: 8 Dec 2018 1:34

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tgt Ion:244 Resp: 2711995

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.6	9.8
122	15.1	14.2	21.2

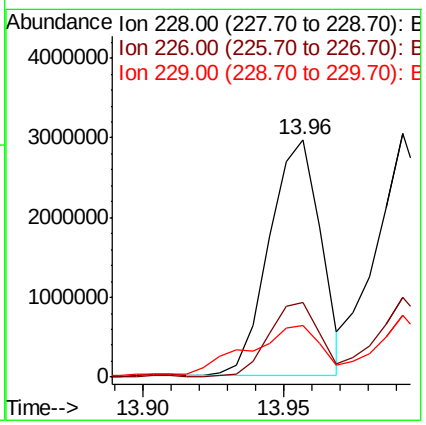


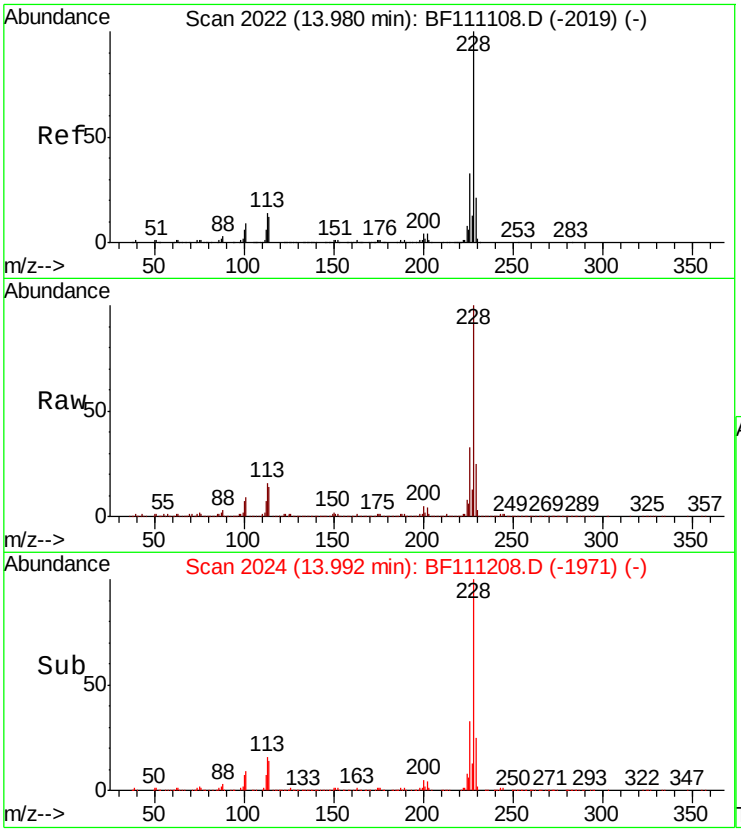


#81
Benzo(a)anthracene
Concen: 65.631 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.02 min
Lab File: BF111208.D
Acq: 8 Dec 2018 1:34

Tgt Ion:228 Resp: 3738586

Ion	Ratio	Lower	Upper
228	100		
226	31.7	22.6	34.0
229	22.0	16.7	25.1



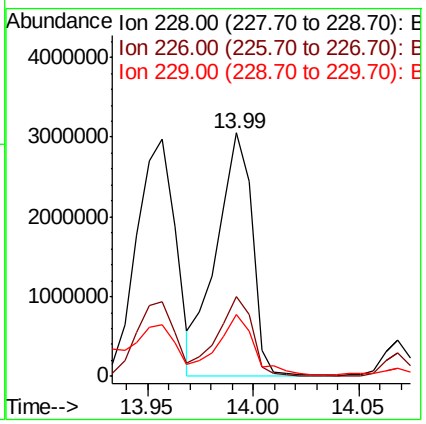


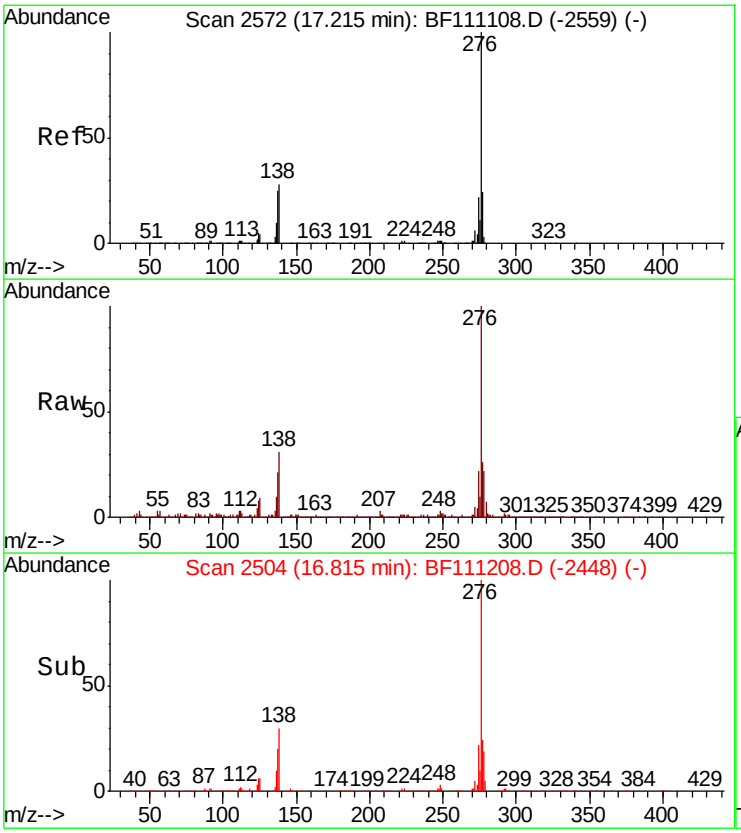
#83
Chrysene
Concen: 62.436 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.01 min
Lab File: BF111208.D
Acq: 8 Dec 2018 1:34

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tgt Ion:228 Resp: 3530758

Ion	Ratio	Lower	Upper
228	100		
226	32.9	26.2	39.2
229	25.2	16.9	25.3

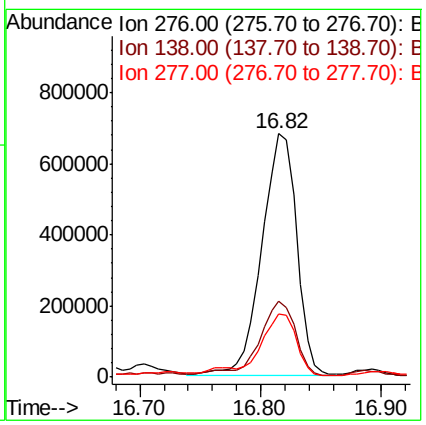


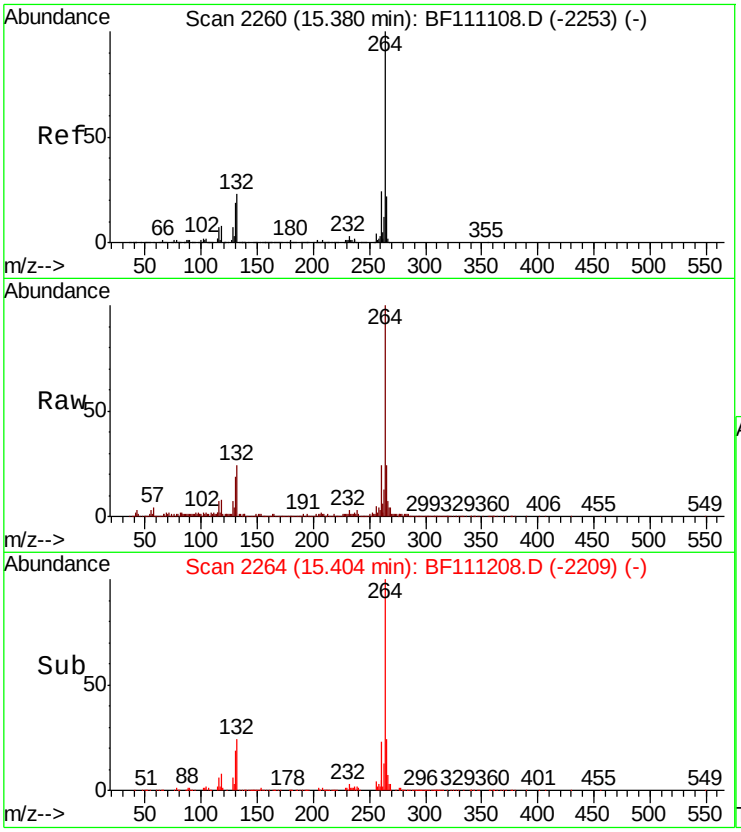


#86
Indeno(1,2,3-cd)pyrene
Concen: 29.773 ng
RT: 16.82 min Scan# 2504
Delta R.T. 0.03 min
Lab File: BF111208.D
Acq: 8 Dec 2018 1:34

Tgt Ion:276 Resp: 1351806

Ion	Ratio	Lower	Upper
276	100		
138	31.7	20.2	30.4#
277	24.8	15.8	23.6#



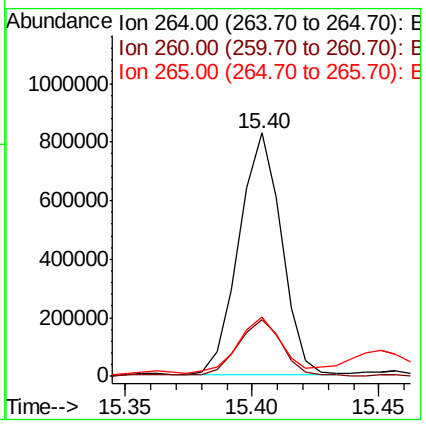


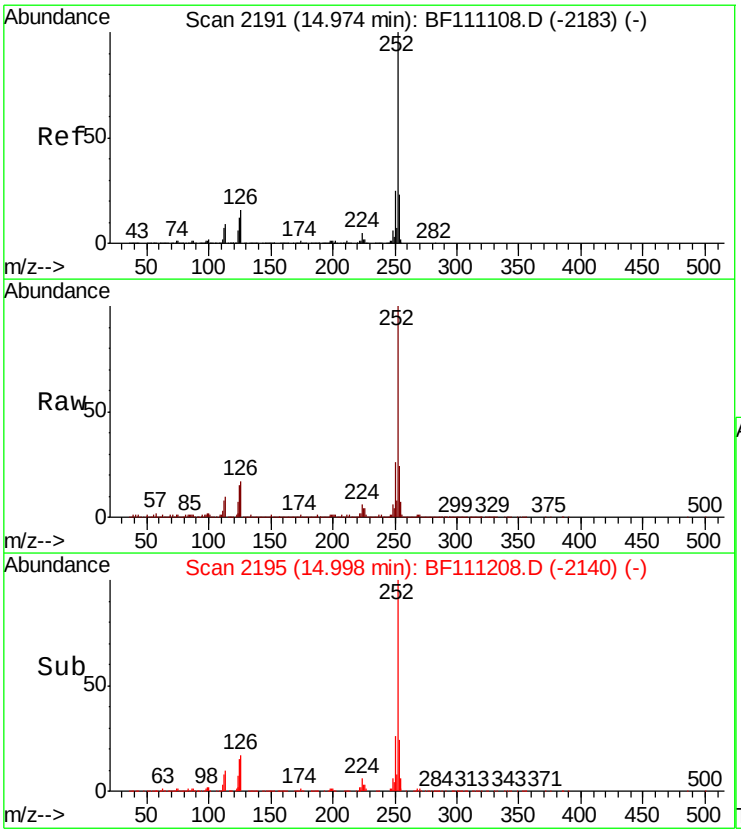
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2264
Delta R.T. 0.02 min
Lab File: BF111208.D
Acq: 8 Dec 2018 1:34

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tgt Ion:264 Resp: 967945

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.0
265	24.3	17.4	26.0

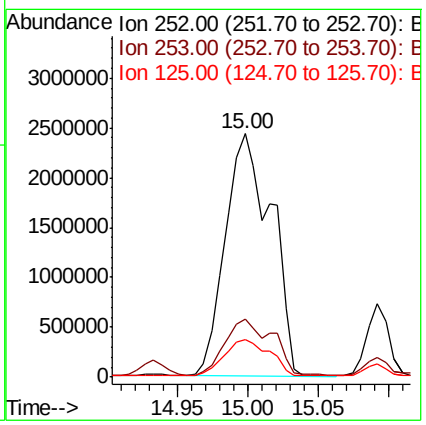


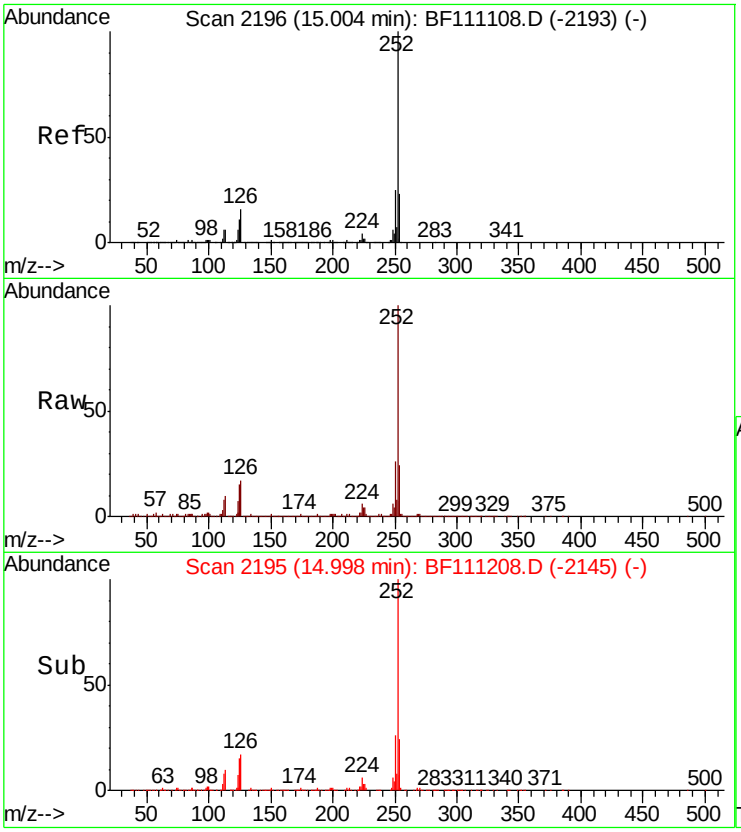


#88
Benzo(b)fluoranthene
Concen: 101.426 ng
RT: 15.00 min Scan# 2195
Delta R.T. 0.02 min
Lab File: BF111208.D
Acq: 8 Dec 2018 1:34

Tgt Ion:252 Resp: 5563023

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.5	27.7
125	15.3	9.9	14.9#



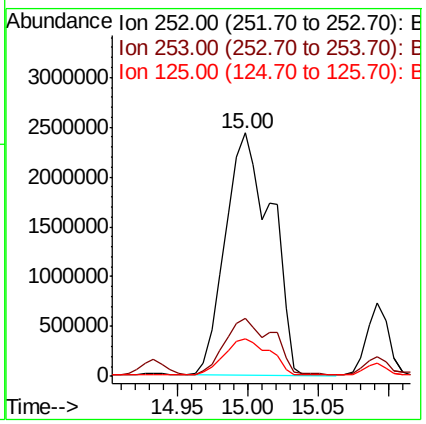


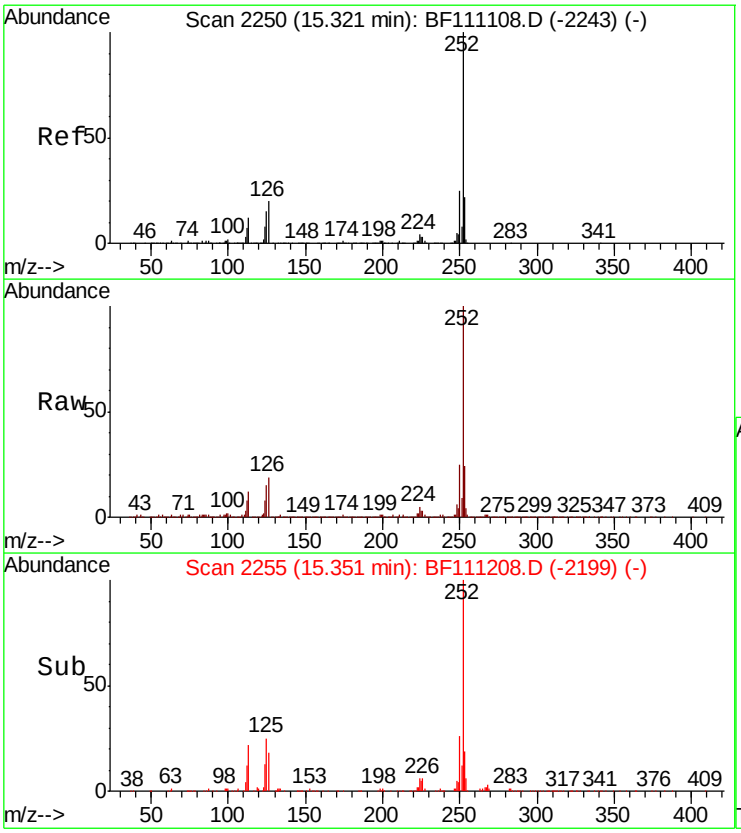
#89
Benzo(k)fluoranthene
Concen: 104.917 ng
RT: 15.00 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF111208.D
Acq: 8 Dec 2018 1:34

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tgt Ion:252 Resp: 5563023

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.2	27.4
125	15.3	9.9	14.9#

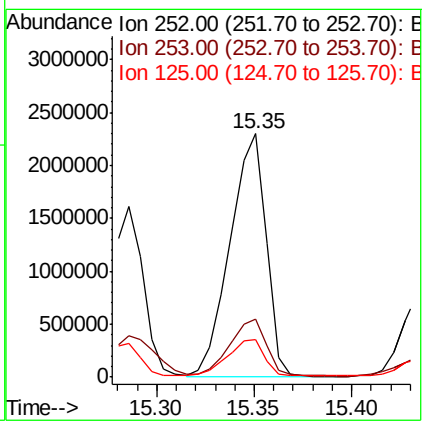


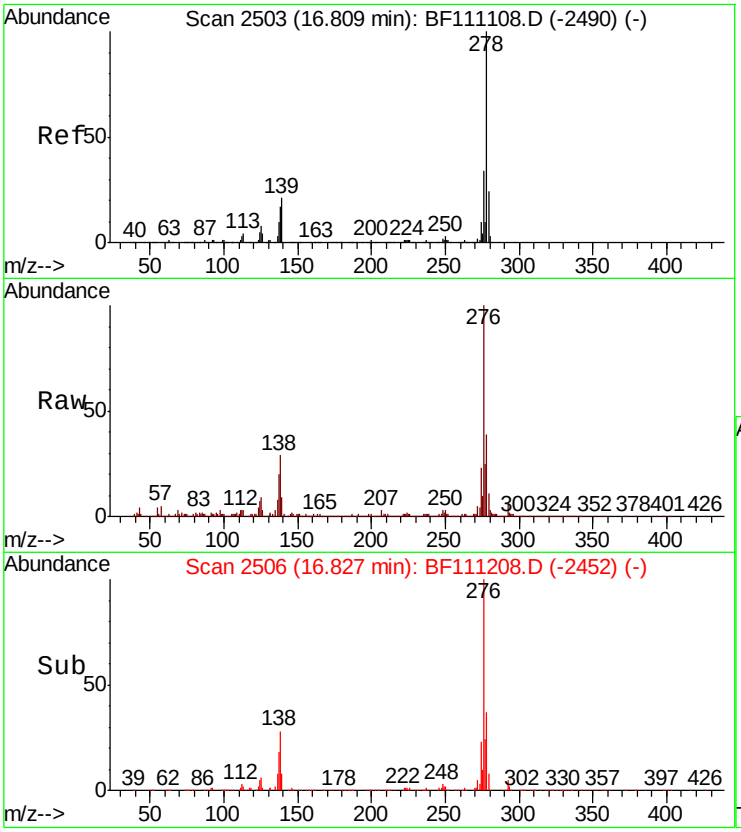


#90
Benzo(a)pyrene
Concen: 58.326 ng
RT: 15.35 min Scan# 2255
Delta R.T. 0.03 min
Lab File: BF111208.D
Acq: 8 Dec 2018 1:34

Tgt Ion:252 Resp: 2934317

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.5	26.3
125	15.5	12.4	18.6



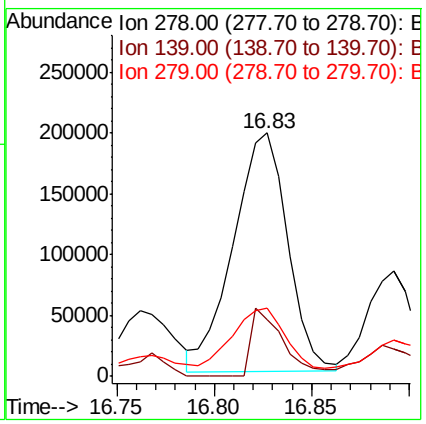


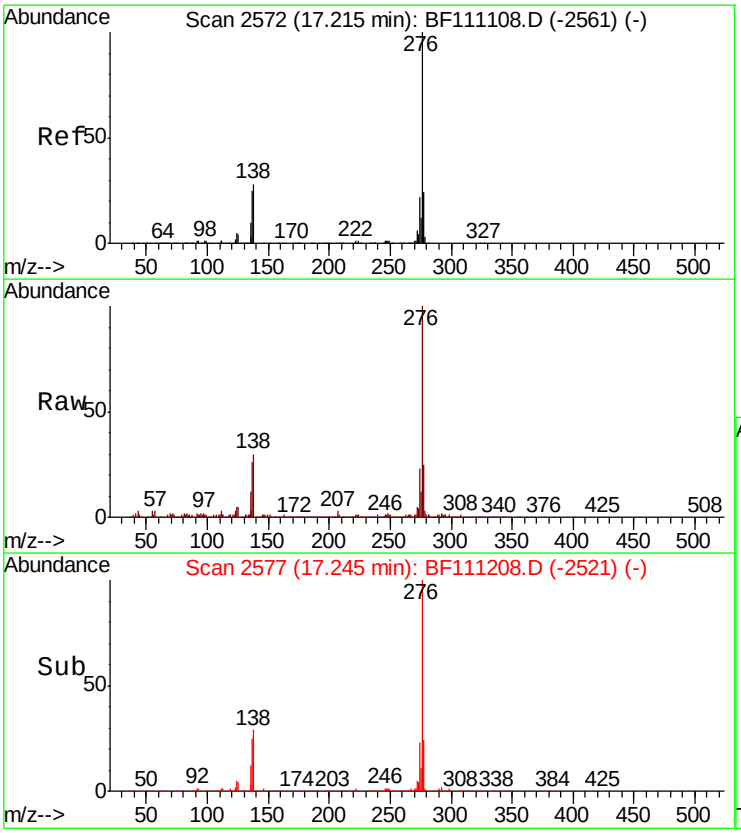
#91
Dibenzo(a,h)anthracene
Concen: 8.962 ng
RT: 16.83 min Scan# 2506
Delta R.T. 0.02 min
Lab File: BF111208.D
Acq: 8 Dec 2018 1:34

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tgt Ion:278 Resp: 378340

Ion	Ratio	Lower	Upper
278	100		
139	23.5	16.6	25.0
279	28.0	18.8	28.2





#92
Benzo(g,h,i)perylene
Concen: 28.203 ng
RT: 17.24 min Scan# 2577
Delta R.T. 0.03 min
Lab File: BF111208.D
Acq: 8 Dec 2018 1:34

Tgt Ion:276 Resp: 1196504

Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.3	28.9
138	30.1	22.3	33.5