Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112918\
Data File : BF111088.D
Acq On : 29 Nov 2018 14:00
Operator : JU/SJ
Sample : J6051-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 29 14:46:44 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 29 10:35:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	62036	20.00	ng		0.00
21) Naphthalene-d8	8.21	136	268992	20.00	ng		-0.01
39) Acenaphthene-d10	9.97	164	130334	20.00	ng		-0.01
64) Phenanthrene-d10	11.47	188	222621	20.00	ng		0.00
76) Chrysene-d12	14.13	240	127374	20.00	ng		0.00
87) Perylene-d12	15.66	264	121698	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	211019	56.41	ng		0.00
7) Phenol-d6	6.56	99	278011	57.03	ng		-0.01
23) Nitrobenzene-d5	7.50	82	176003	37.45	ng		-0.01
42) 2,4,6-Tribromophenol	10.77	330	57582	44.49	ng		-0.01
45) 2-Fluorobiphenyl	9.28	172	306354	34.05	ng		-0.01
79) Terphenyl-d14	13.05	244	198264	30.30	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.70	77	5342	Below Cal			81
10) Phenol	6.57	94	16989	3.094	ng		92
19) n-Nitroso-di-n-propylamine	7.50	70	23422	7.376	ng	#	83
25) Isophorone	7.50	82	176003	22.828	ng	#	67
31) Naphthalene	8.23	128	105238	8.346	ng		99
33) 4-Chloroaniline	8.23	127	13335	2.485	ng	#	34
37) 2-Methylnaphthalene	8.93	142	21971	2.638	ng		97
38) 1-Methylnaphthalene	9.03	142	21088	2.603	ng	#	93
49) Acenaphthylene	9.83	152	158831	12.821	ng		98
50) Dimethylphthalate	9.68	163	49991	5.230	ng		98
51) 2,6-Dinitrotoluene	9.97	165	17878	8.401	ng	#	22
52) Acenaphthene	10.00	154	18462	2.325	ng		95
55) Dibenzofuran	10.19	168	43441	3.749	ng		94
56) 4-Nitrophenol	10.18	139	17787	16.455	ng	#	8
58) Fluorene	10.52	166	89698	9.950	ng		100
71) Phenanthrene	11.50	178	793881	67.331	ng		99
72) Anthracene	11.55	178	240998	20.071	ng		99
73) Carbazole	11.71	167	38774	3.327	ng		98
75) Fluoranthene	12.70	202	997515	82.315	ng		99
78) Pyrene	12.93	202	904812	97.260	ng		99
81) Benzo(a)anthracene	14.12	228	458333	60.949	ng		97
83) Chrysene	14.16	228	364997	49.305	ng		98
86) Indeno(1,2,3-cd)pyrene	17.25	276	182744	34.391	ng		95
88) Benzo(b)fluoranthene	15.21	252	690706	96.612	ng		98
89) Benzo(k)fluoranthene	15.21	252	690706	93.863	ng	#	97
90) Benzo(a)pyrene	15.60	252	391682	58.857	ng		99
91) Dibenzo(a,h)anthracene	17.43	278	40302	7.340	ng		95
92) Benzo(g,h,i)perylene	17.73	276	159084	30.049	ng		97

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

Quantitation Report (Not Reviewed)

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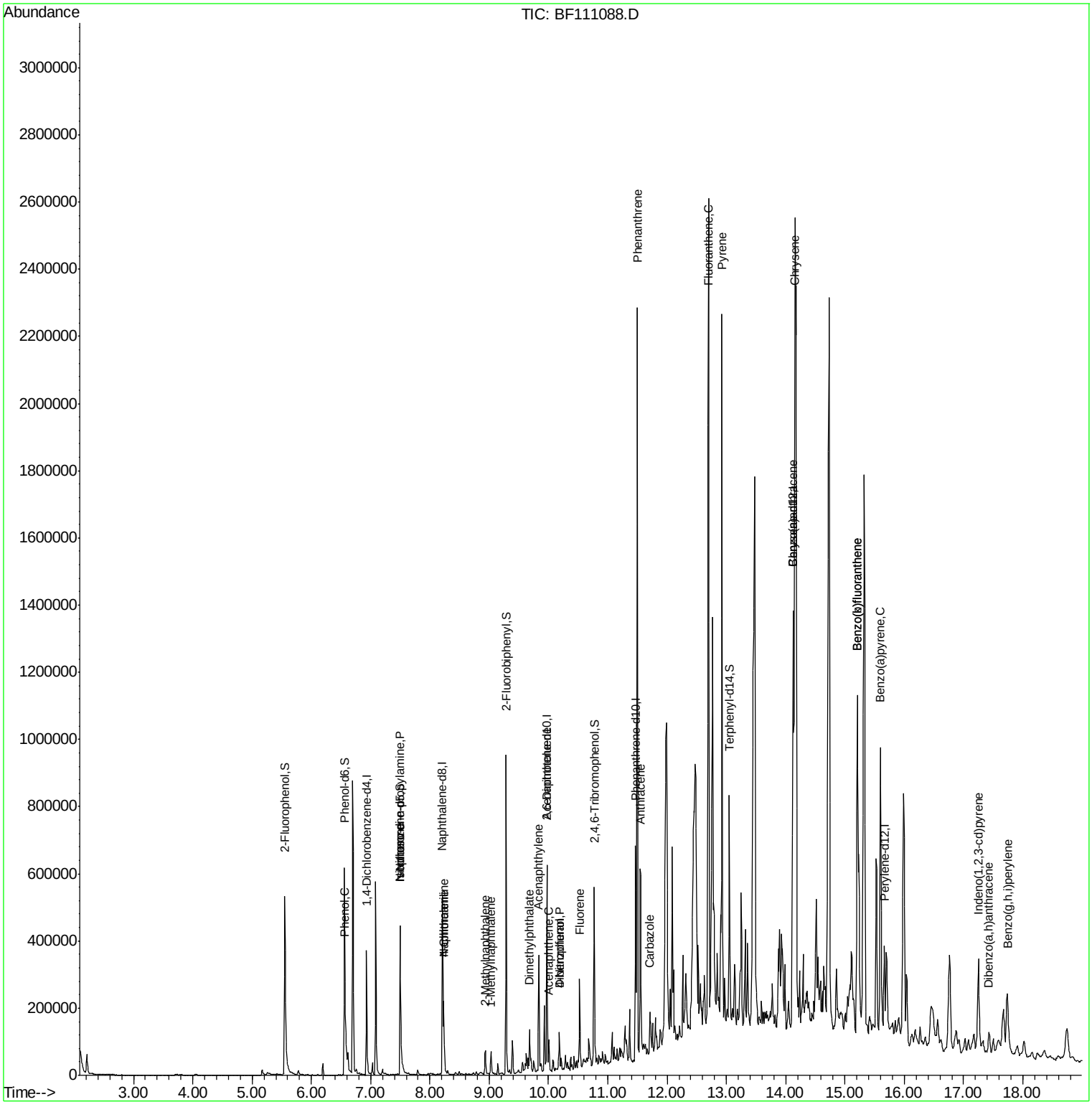
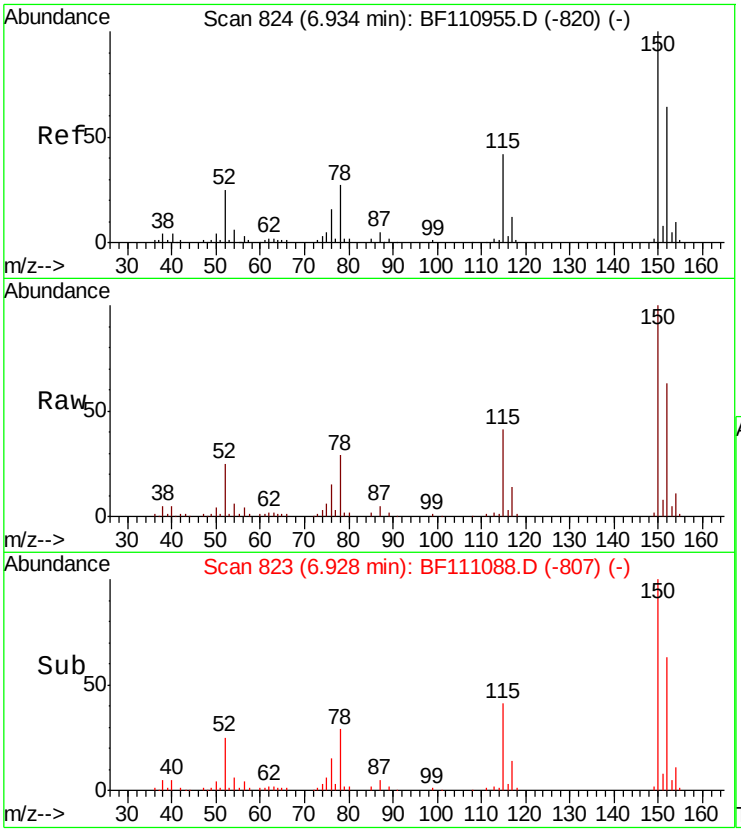
Sample : J6051-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 29 14:46:44 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 29 10:35:31 2018
Response via : Initial Calibration



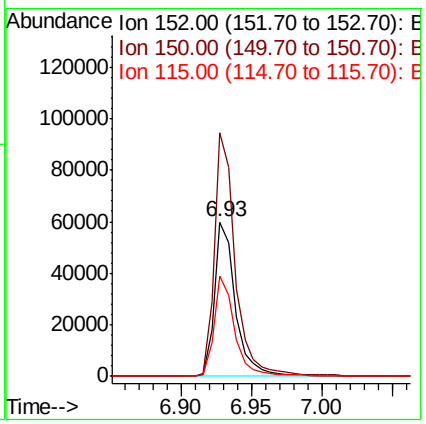


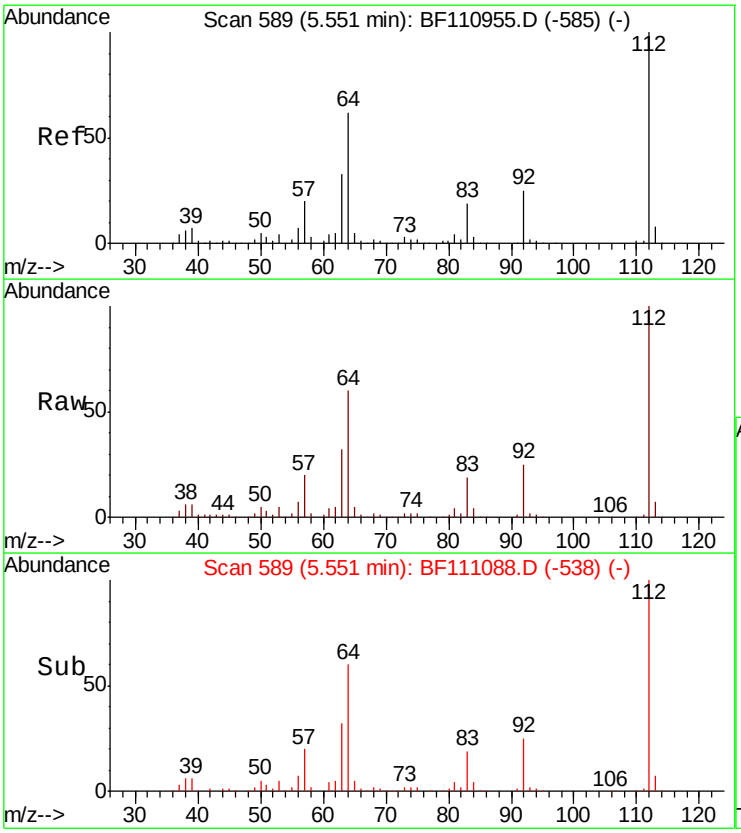
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF111088.D
Acq: 29 Nov 2018 14:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 62036

Ion	Ratio	Lower	Upper
152	100		
150	157.8	122.7	184.1
115	65.0	49.1	73.7

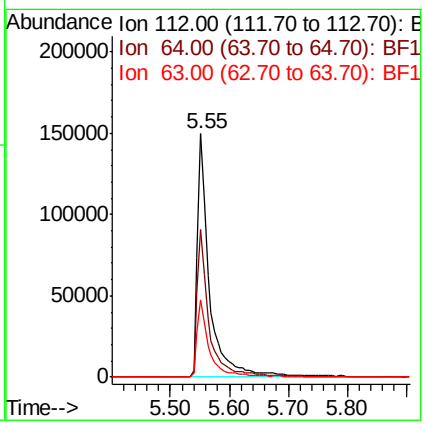


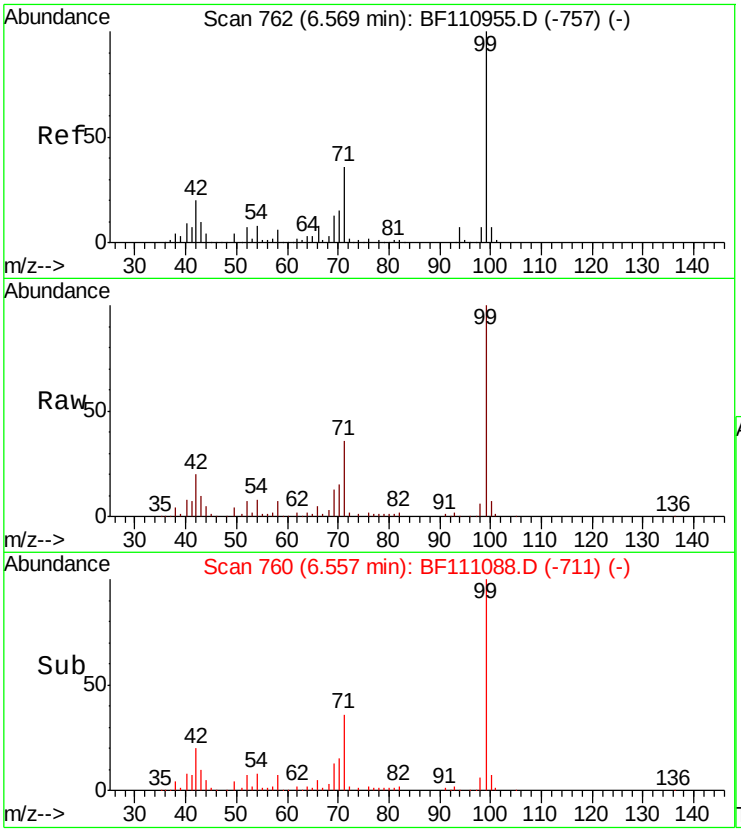


#5
2-Fluorophenol
Concen: 56.409 ng
RT: 5.55 min Scan# 589
Delta R.T. 0.00 min
Lab File: BF111088.D
Acq: 29 Nov 2018 14:00

Tgt Ion:112 Resp: 211019

Ion	Ratio	Lower	Upper
112	100		
64	60.4	44.1	66.1
63	31.8	23.7	35.5



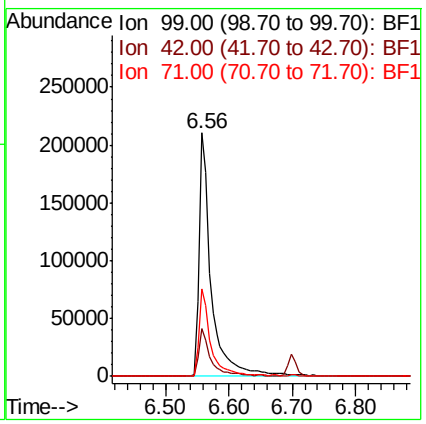


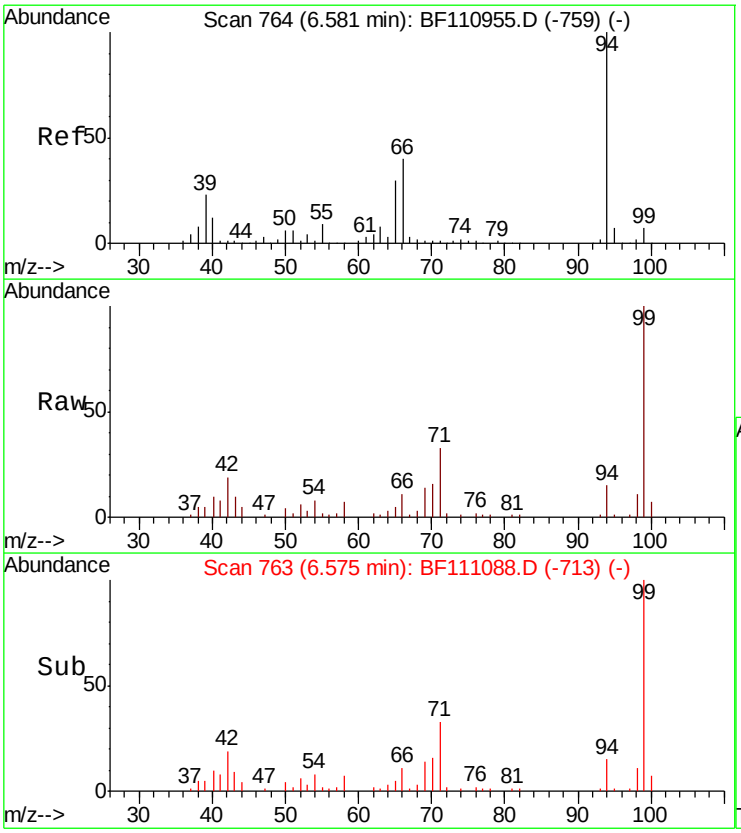
#7
Phenol-d6
Concen: 57.028 ng
RT: 6.56 min Scan# 760
Delta R.T. -0.01 min
Lab File: BF111088.D
Acq: 29 Nov 2018 14:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 278011

Ion	Ratio	Lower	Upper
99	100		
42	19.7	15.8	23.6
71	35.7	28.0	42.0

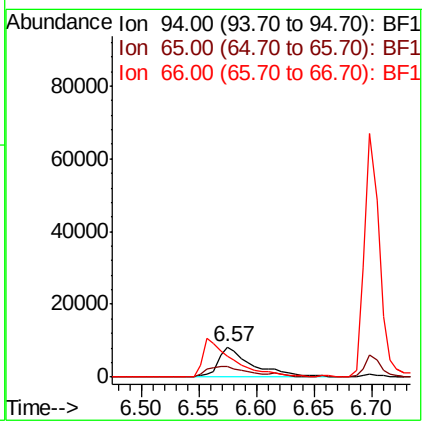


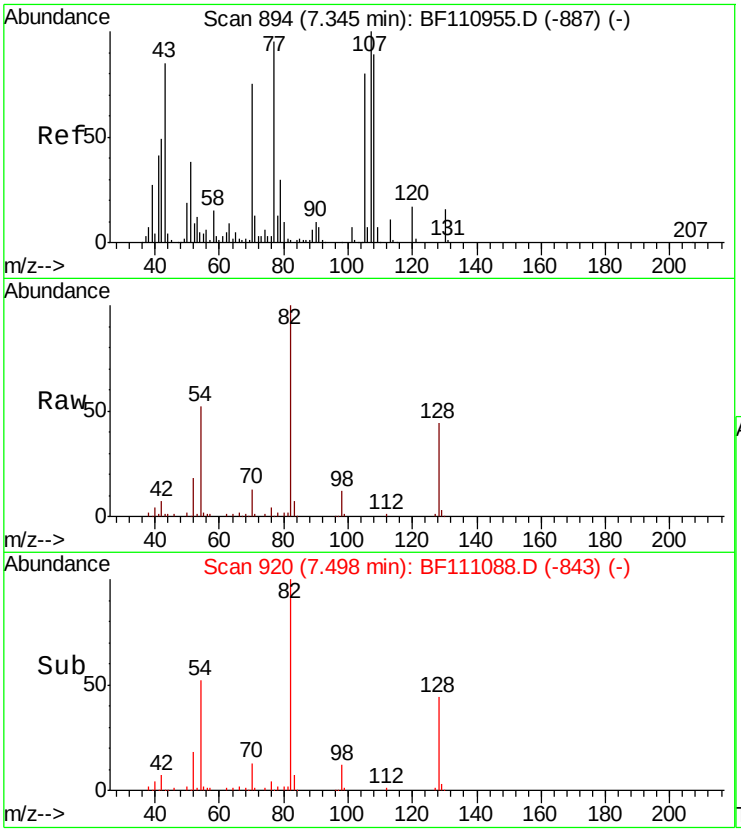


#10
Phenol
Concen: 3.094 ng
RT: 6.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF111088.D
Acq: 29 Nov 2018 14:00

Tgt Ion: 94 Resp: 16989

Ion	Ratio	Lower	Upper
94	100		
65	36.3	25.3	65.3
66	70.9	54.5	94.5



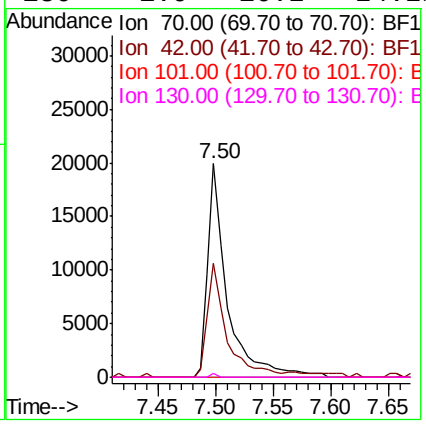


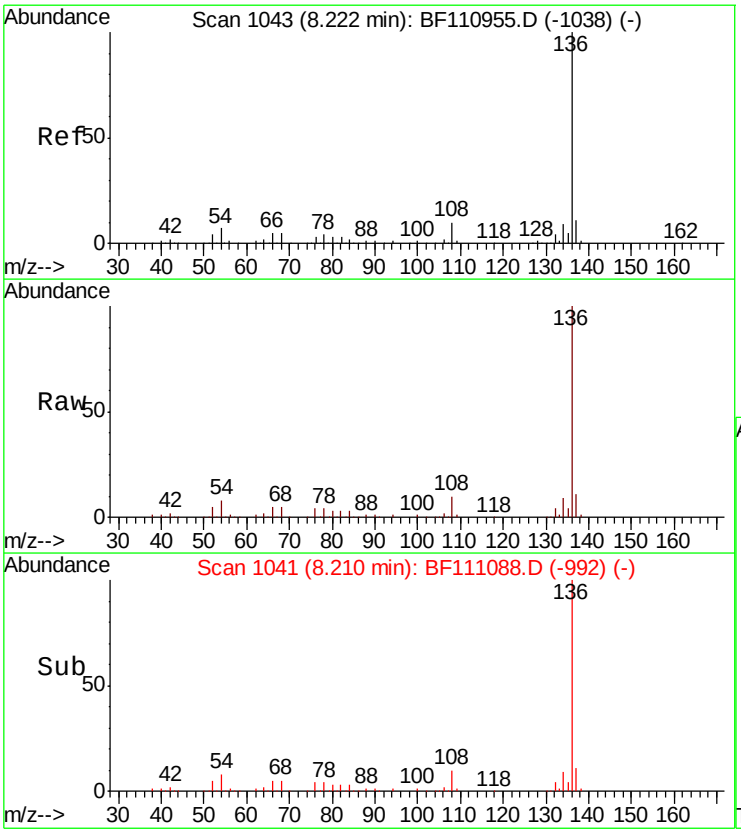
#19
n-Nitroso-di-n-propylamine
Concen: 7.376 ng
RT: 7.50 min Scan# 920
Delta R.T. 0.15 min
Lab File: BF111088.D
Acq: 29 Nov 2018 14:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 23422

Ion	Ratio	Lower	Upper
70	100		
42	53.4	47.4	71.2
101	0.0	7.3	10.9#
130	1.9	16.2	24.2#

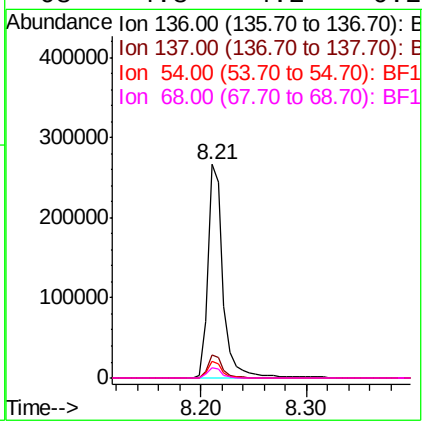


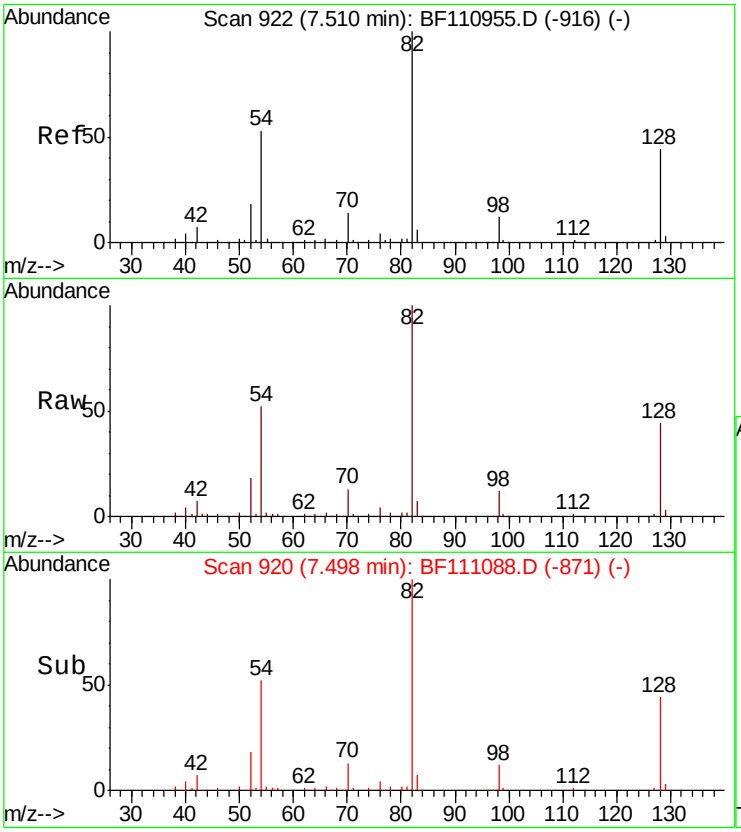


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF111088.D
Acq: 29 Nov 2018 14:00

Tgt Ion:136 Resp: 268992

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.1	5.4	8.2
68	4.8	4.2	6.2



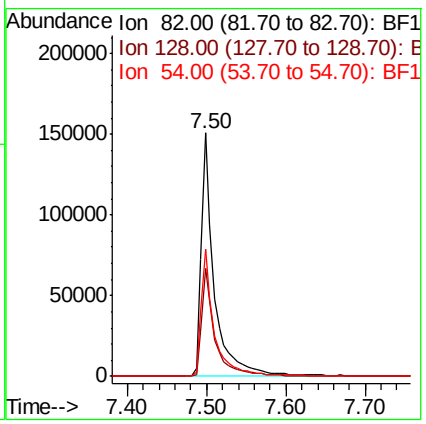


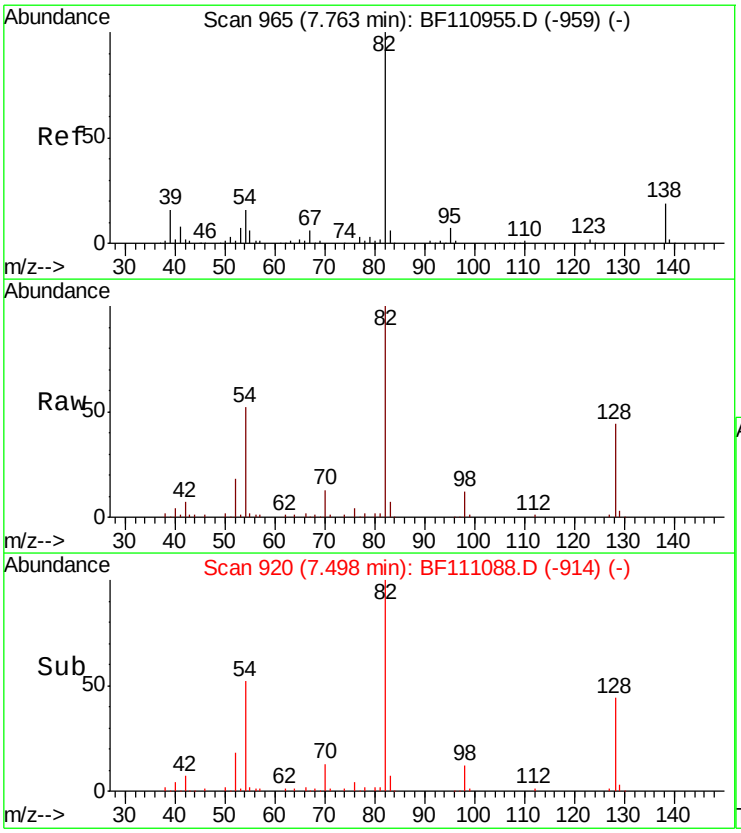
#23
Nitrobenzene-d5
Concen: 37.446 ng
RT: 7.50 min Scan# 920
Delta R.T. -0.01 min
Lab File: BF111088.D
Acq: 29 Nov 2018 14:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 176003

Ion	Ratio	Lower	Upper
82	100		
128	44.3	34.2	51.2
54	52.5	38.6	58.0

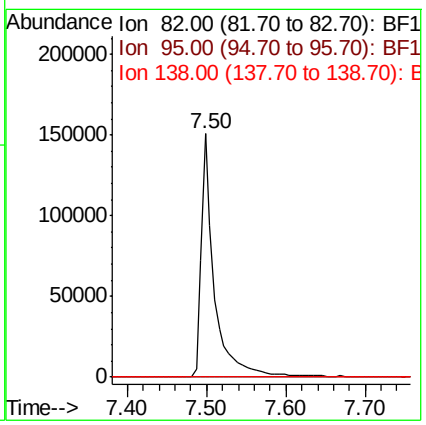


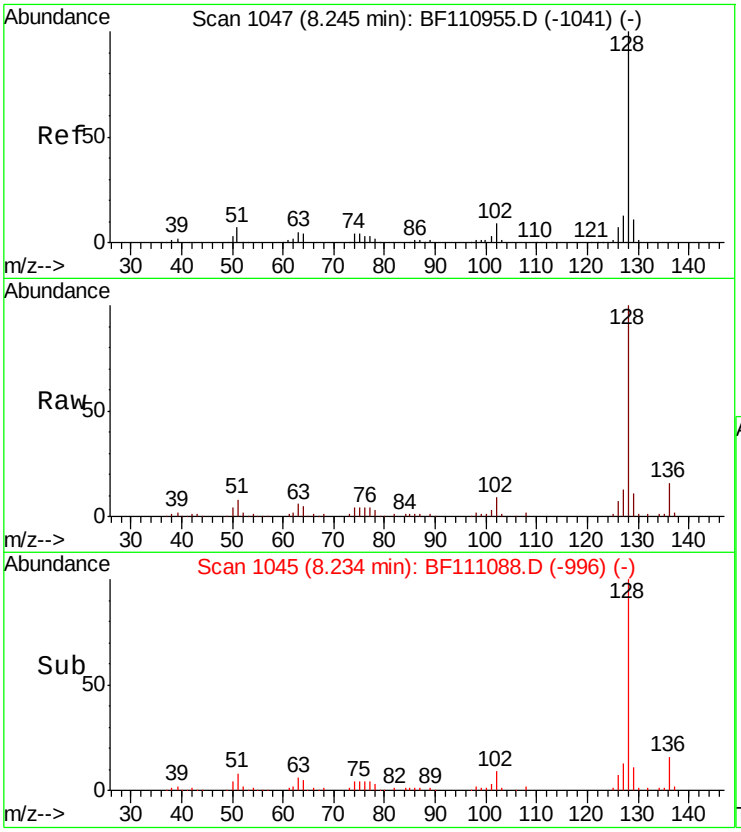


#25
Isophorone
Concen: 22.828 ng
RT: 7.50 min Scan# 920
Delta R.T. -0.26 min
Lab File: BF111088.D
Acq: 29 Nov 2018 14:00

Tgt Ion: 82 Resp: 176003

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



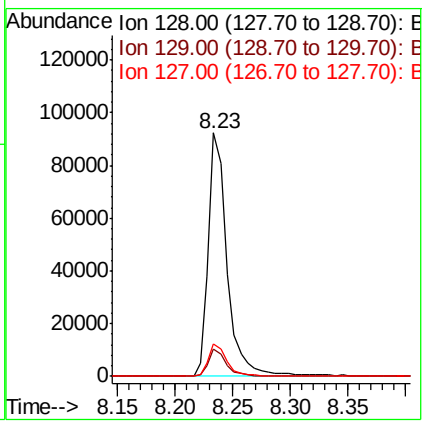


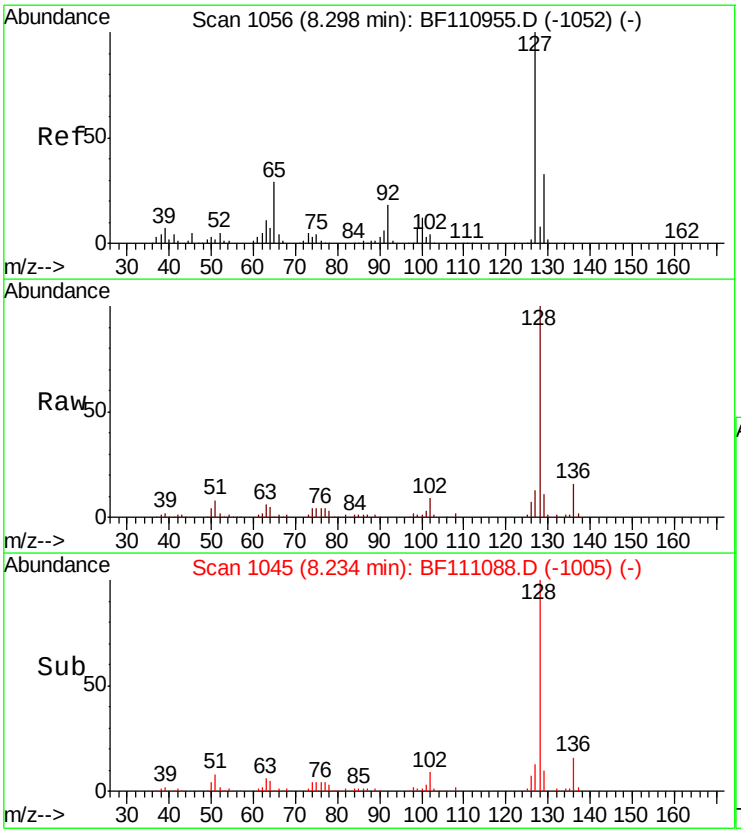
#31
Naphthalene
Concen: 8.346 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF111088.D
Acq: 29 Nov 2018 14:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 105238

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.8	13.2
127	13.3	10.8	16.2

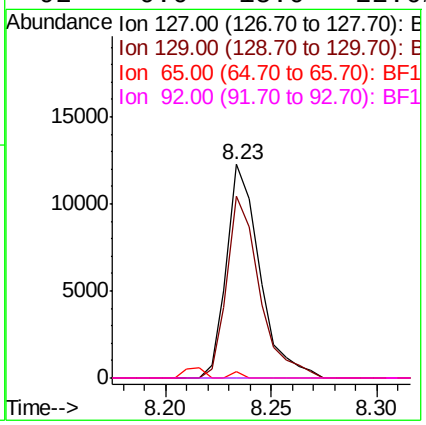


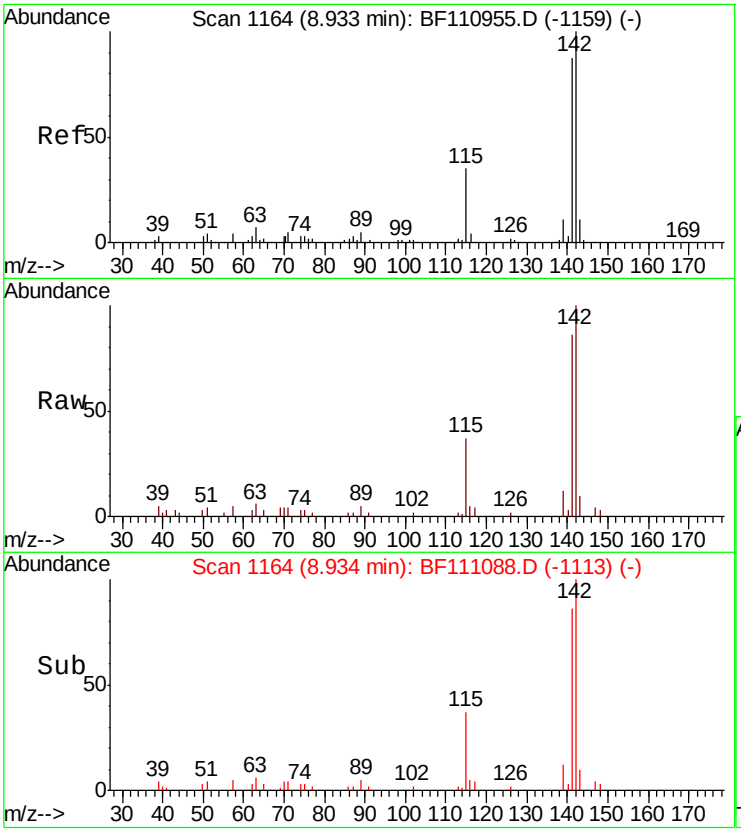


#33
4-Chloroaniline
Concen: 2.485 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.06 min
Lab File: BF111088.D
Acq: 29 Nov 2018 14:00

Tgt Ion:127 Resp: 13335

Ion	Ratio	Lower	Upper
127	100		
129	85.3	26.0	39.0#
65	2.9	25.1	37.7#
92	0.0	15.0	22.6#



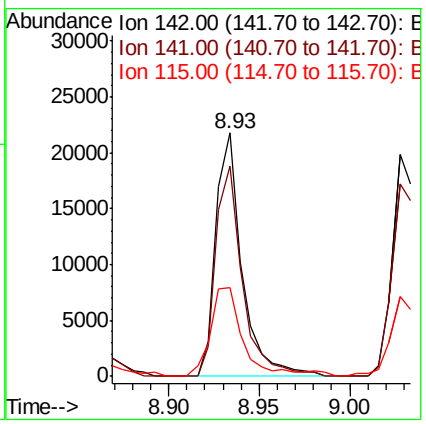


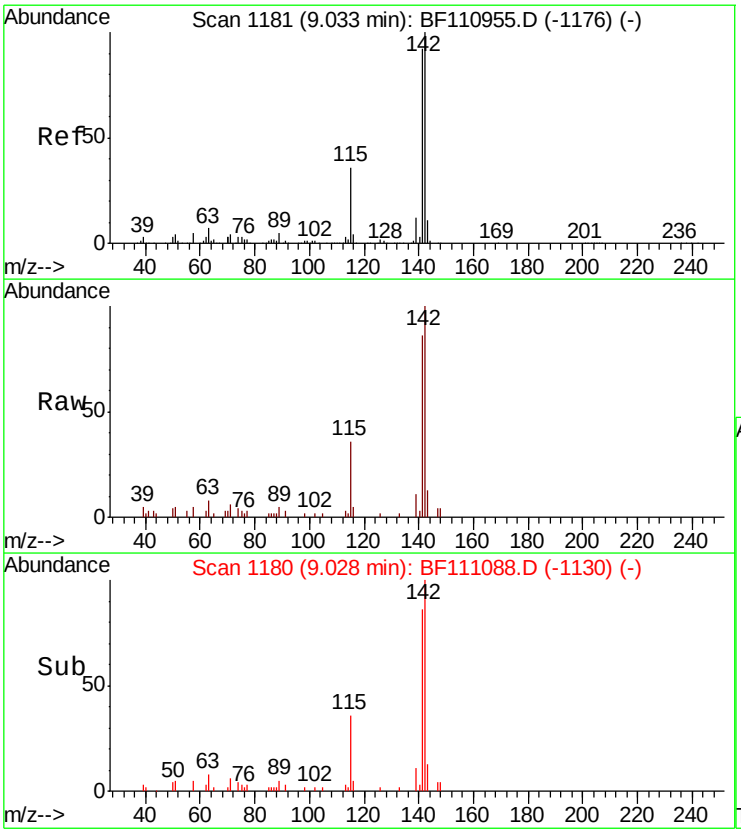
#37
2-Methylnaphthalene
Concen: 2.638 ng
RT: 8.93 min Scan# 1164
Delta R.T. 0.00 min
Lab File: BF111088.D
Acq: 29 Nov 2018 14:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 21971

Ion	Ratio	Lower	Upper
142	100		
141	86.2	71.4	107.2
115	36.6	28.7	43.1

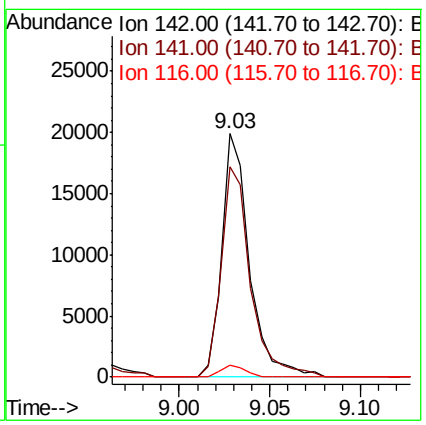


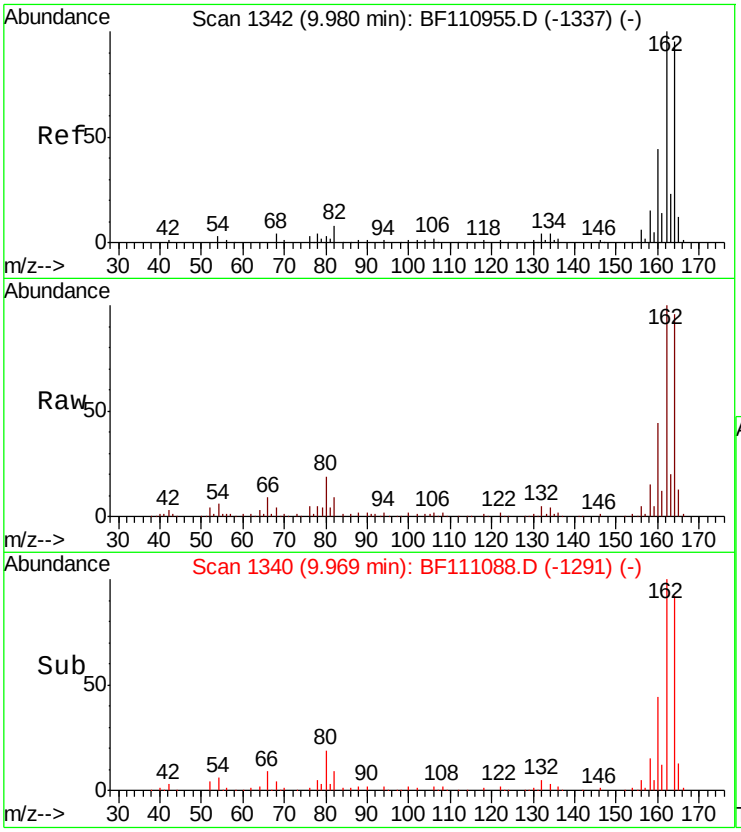


#38
1-Methylnaphthalene
Concen: 2.603 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.01 min
Lab File: BF111088.D
Acq: 29 Nov 2018 14:00

Tgt Ion:142 Resp: 21088

Ion	Ratio	Lower	Upper
142	100		
141	86.4	74.2	111.4
116	4.7	2.6	4.0#



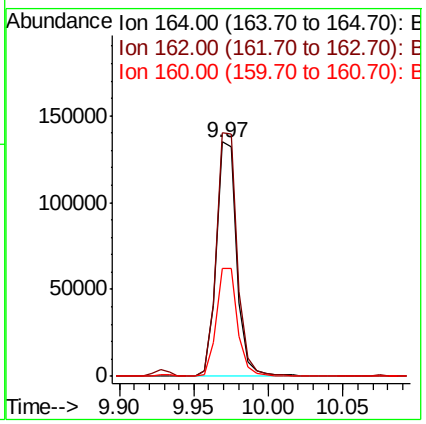


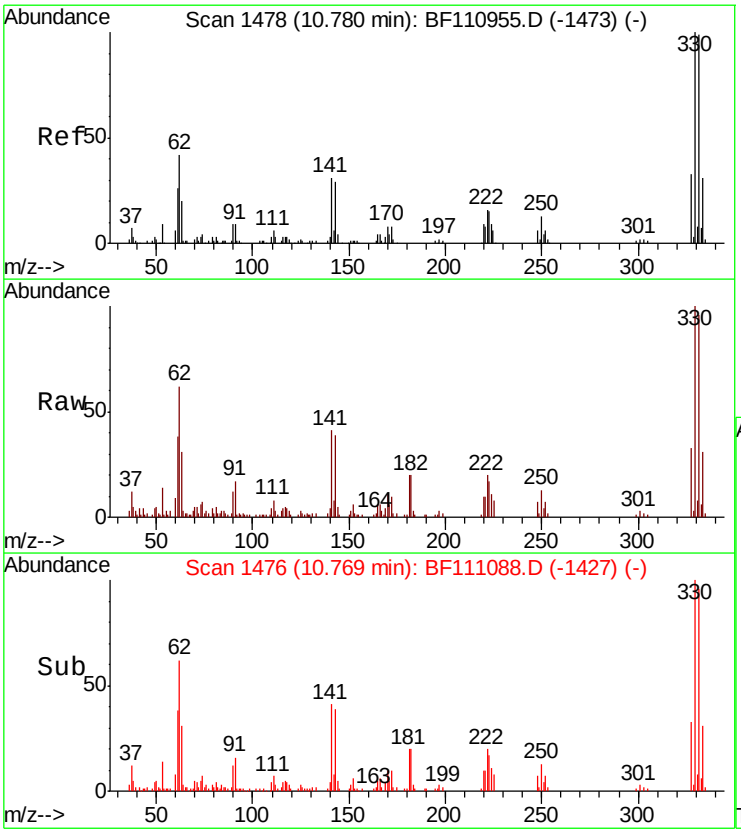
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF111088.D
Acq: 29 Nov 2018 14:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 130334

Ion	Ratio	Lower	Upper
164	100		
162	103.8	83.0	124.6
160	46.2	37.0	55.6

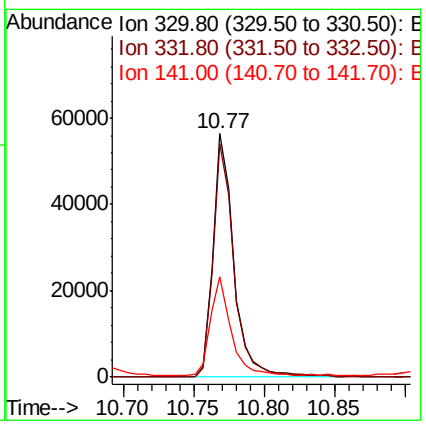


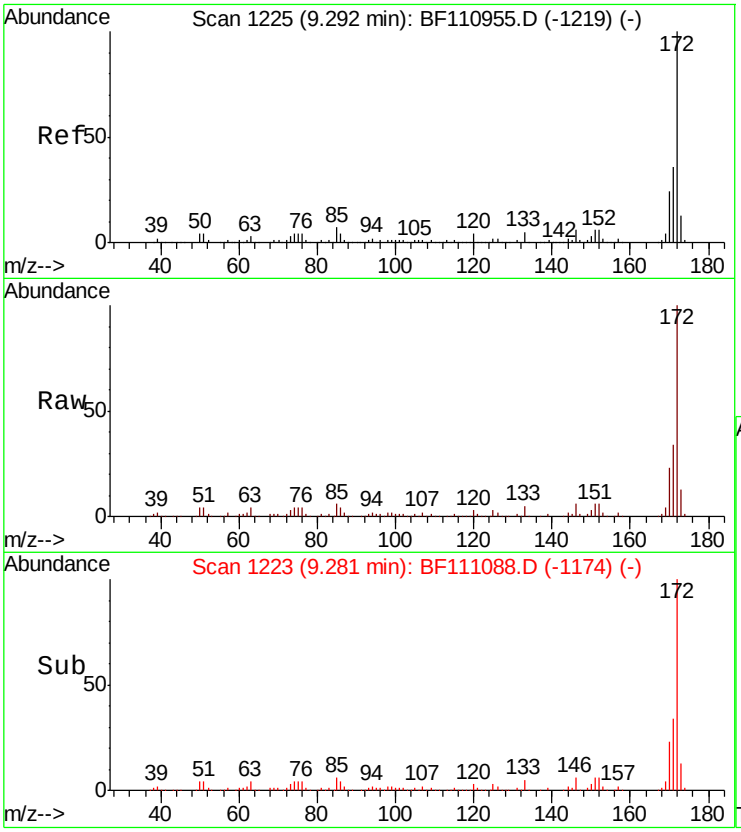


#42
2,4,6-Tribromophenol
Concen: 44.486 ng
RT: 10.77 min Scan# 1476
Delta R.T. -0.01 min
Lab File: BF111088.D
Acq: 29 Nov 2018 14:00

Tgt Ion:330 Resp: 57582

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.1	115.7
141	39.8	27.0	40.4

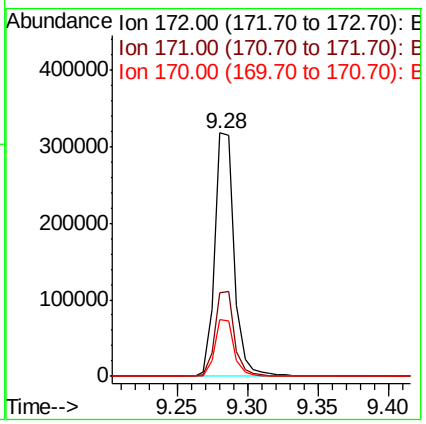




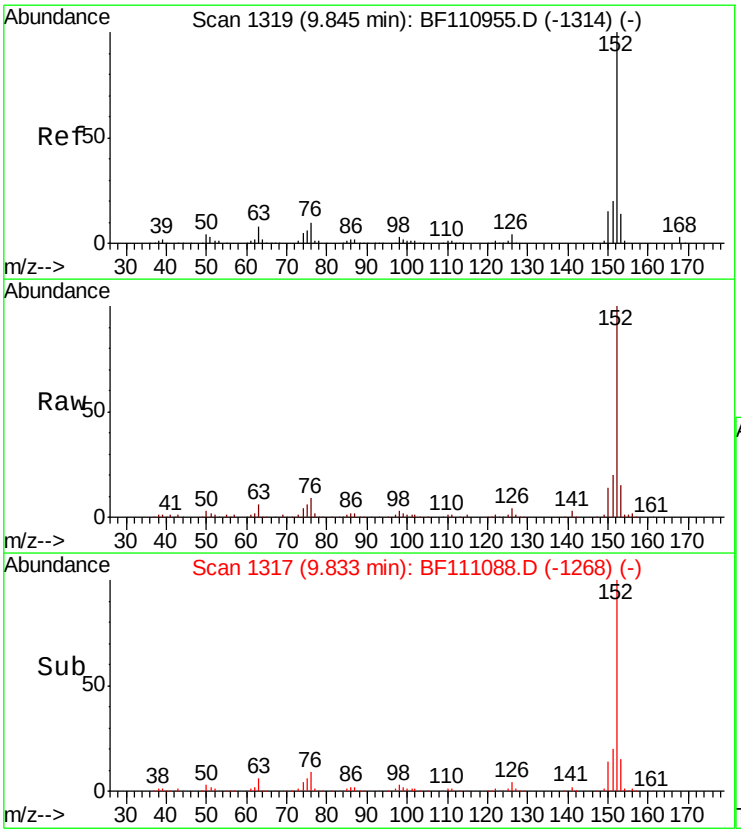
#45
2-Fluorobiphenyl
Concen: 34.054 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BF111088.D
Acq: 29 Nov 2018 14:00

Tgt Ion:172 Resp: 306354

Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.6	43.0
170	23.2	19.7	29.5



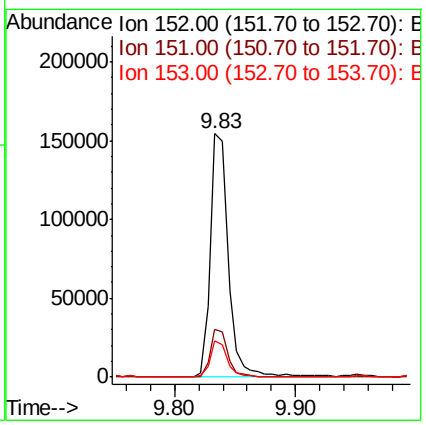
Instrument :
BNA_F
ClientSampleId :

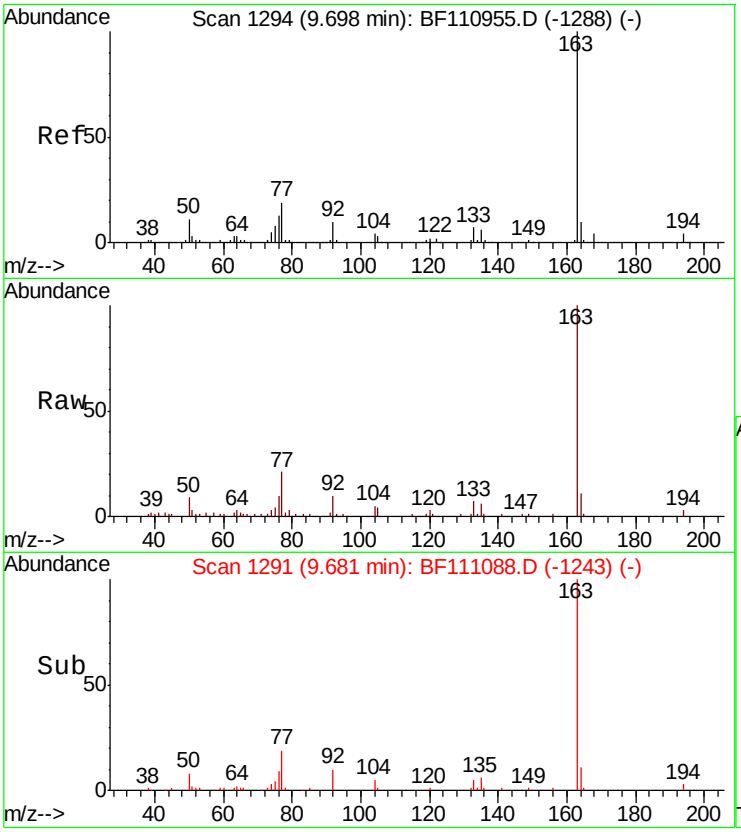


#49
Acenaphthylene
Concen: 12.821 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF111088.D
Acq: 29 Nov 2018 14:00

Tgt Ion:152 Resp: 158831

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.8
153	14.9	10.4	15.6



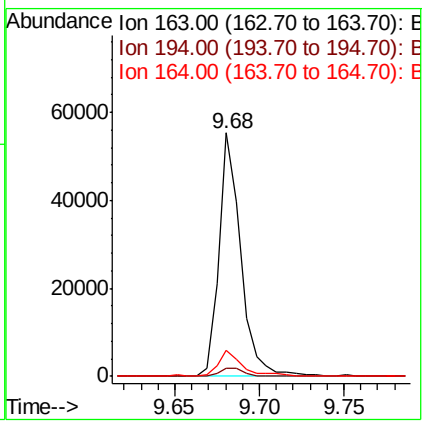


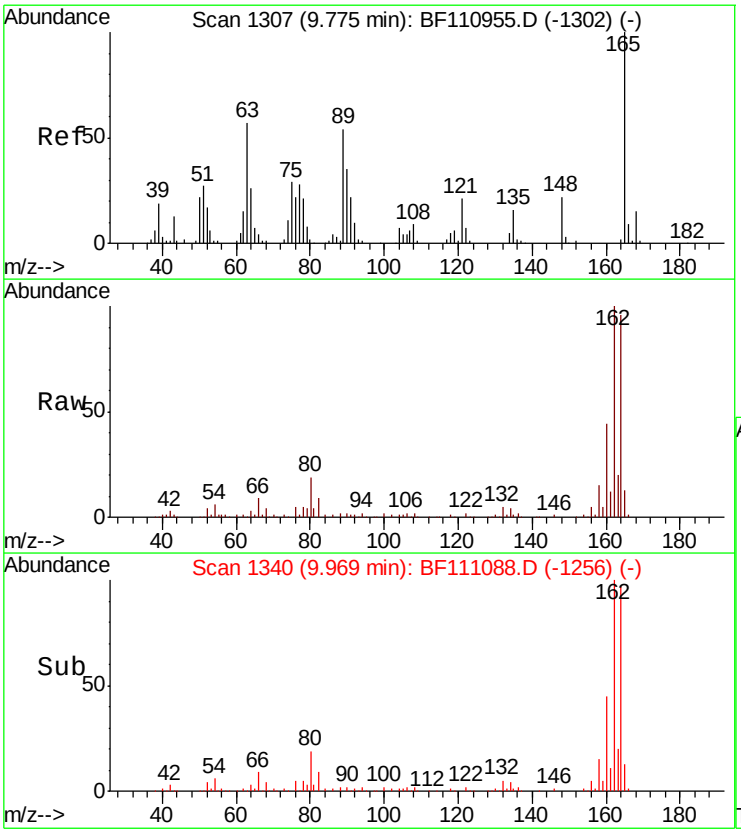
#50
Dimethylphthalate
Concen: 5.230 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.02 min
Lab File: BF111088.D
Acq: 29 Nov 2018 14:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 49991

Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.2	4.8
164	10.6	8.1	12.1

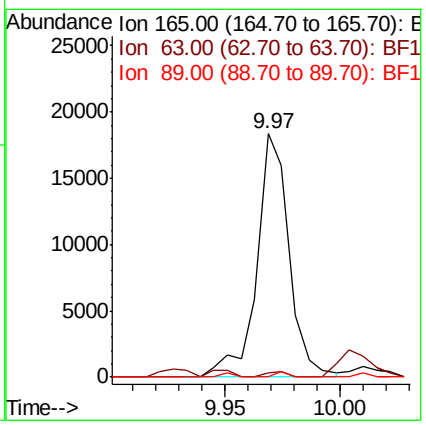


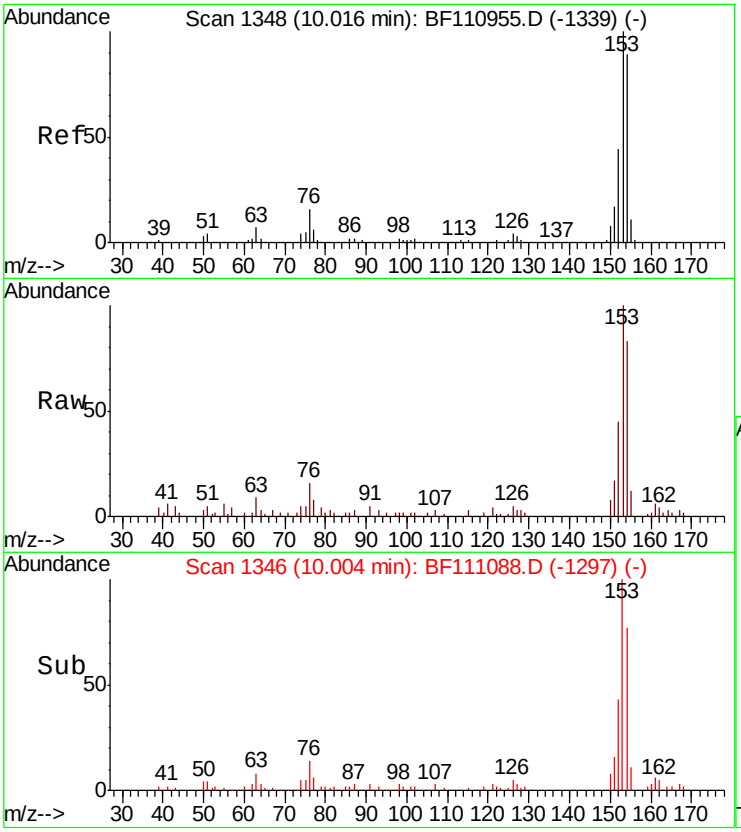


#51
2,6-Dinitrotoluene
Concen: 8.401 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.19 min
Lab File: BF111088.D
Acq: 29 Nov 2018 14:00

Tgt Ion:165 Resp: 17878

Ion	Ratio	Lower	Upper
165	100		
63	1.9	48.9	73.3#
89	0.0	46.6	69.8#



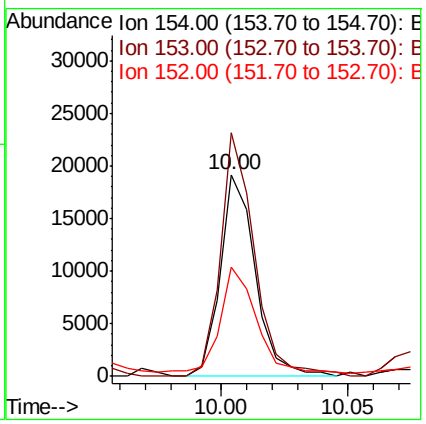


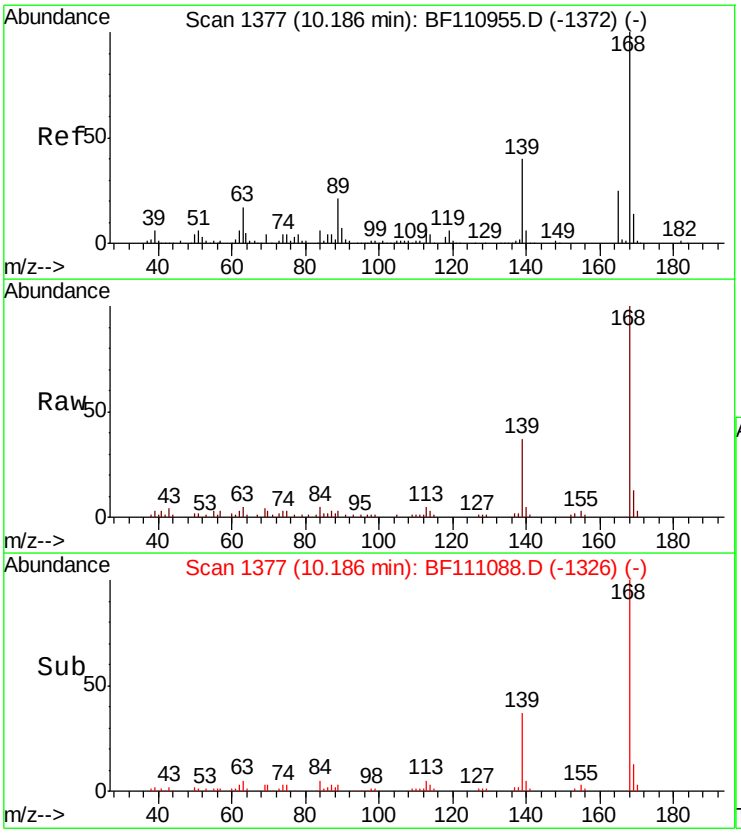
#52
Acenaphthene
Concen: 2.325 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF111088.D
Acq: 29 Nov 2018 14:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 18462

Ion	Ratio	Lower	Upper
154	100		
153	120.9	90.1	135.1
152	54.5	43.4	65.2

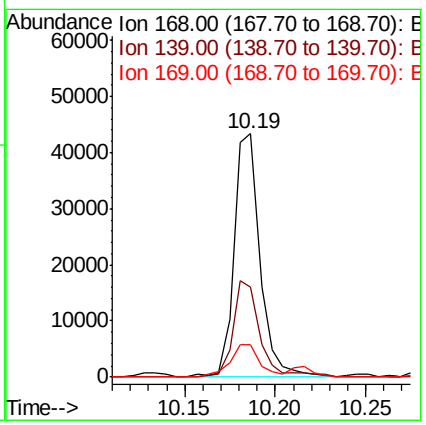


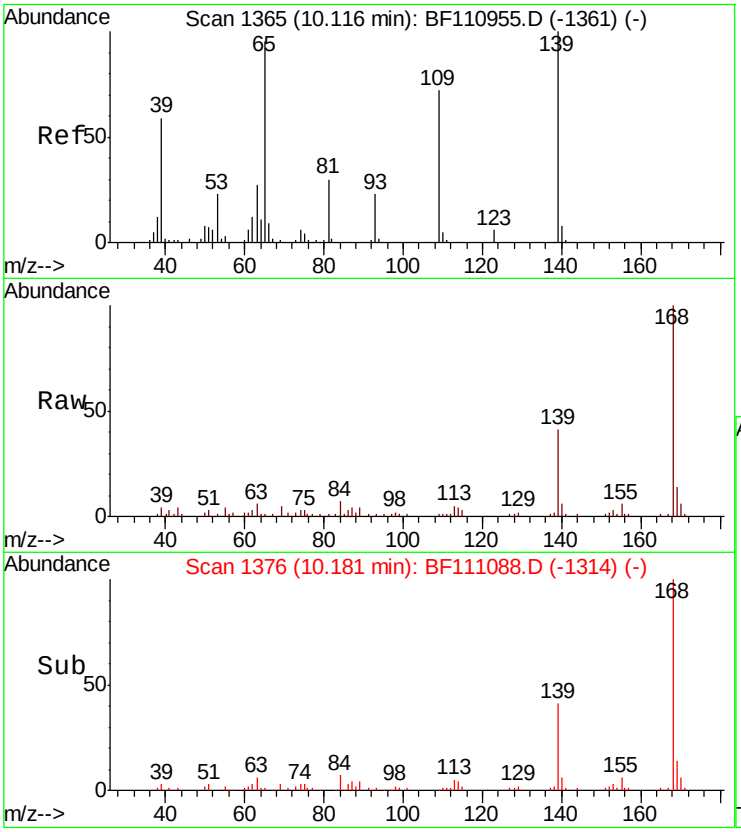


#55
Dibenzofuran
Concen: 3.749 ng
RT: 10.19 min Scan# 1377
Delta R.T. 0.00 min
Lab File: BF111088.D
Acq: 29 Nov 2018 14:00

Tgt Ion:168 Resp: 43441

Ion	Ratio	Lower	Upper
168	100		
139	37.0	33.0	49.6
169	13.2	11.3	16.9



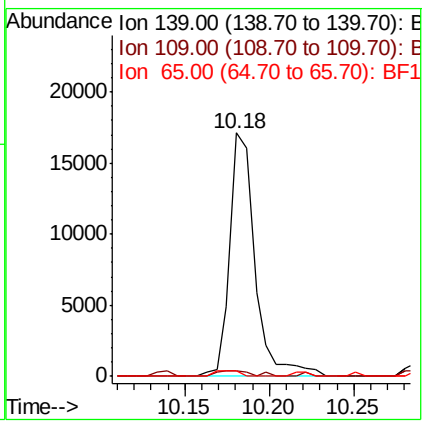


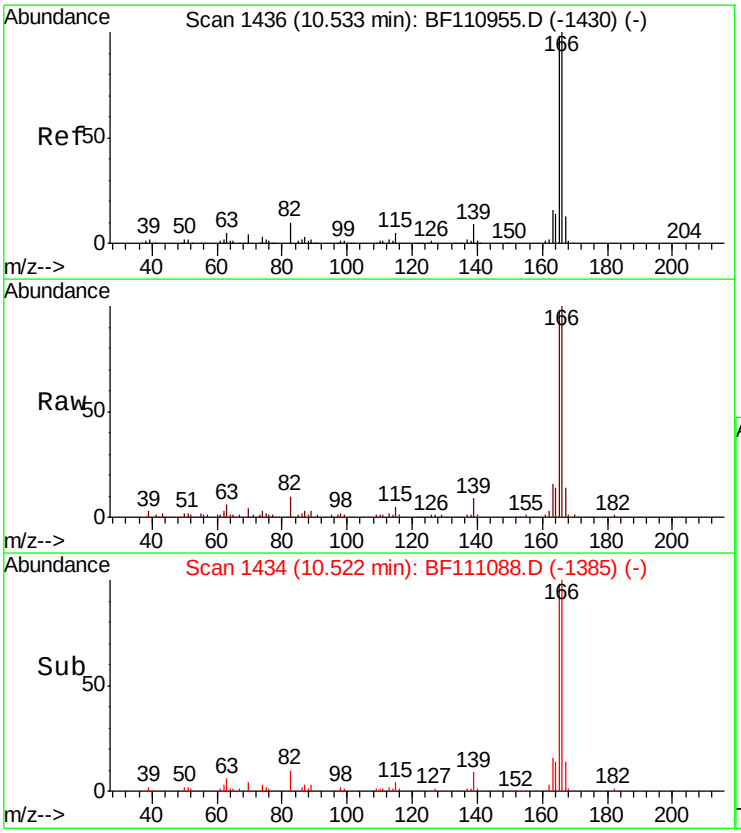
#56
4-Nitrophenol
Concen: 16.455 ng
RT: 10.18 min Scan# 1376
Delta R.T. 0.06 min
Lab File: BF111088.D
Acq: 29 Nov 2018 14:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 17787

Ion	Ratio	Lower	Upper
139	100		
109	2.2	55.8	95.8#
65	2.5	77.9	117.9#

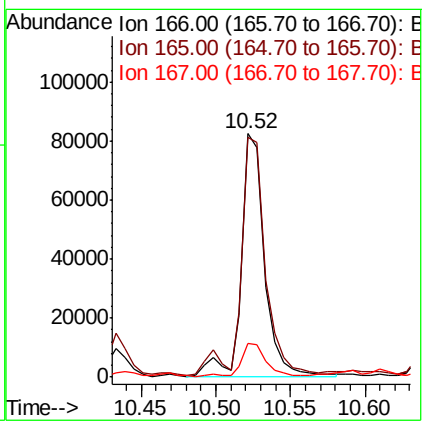


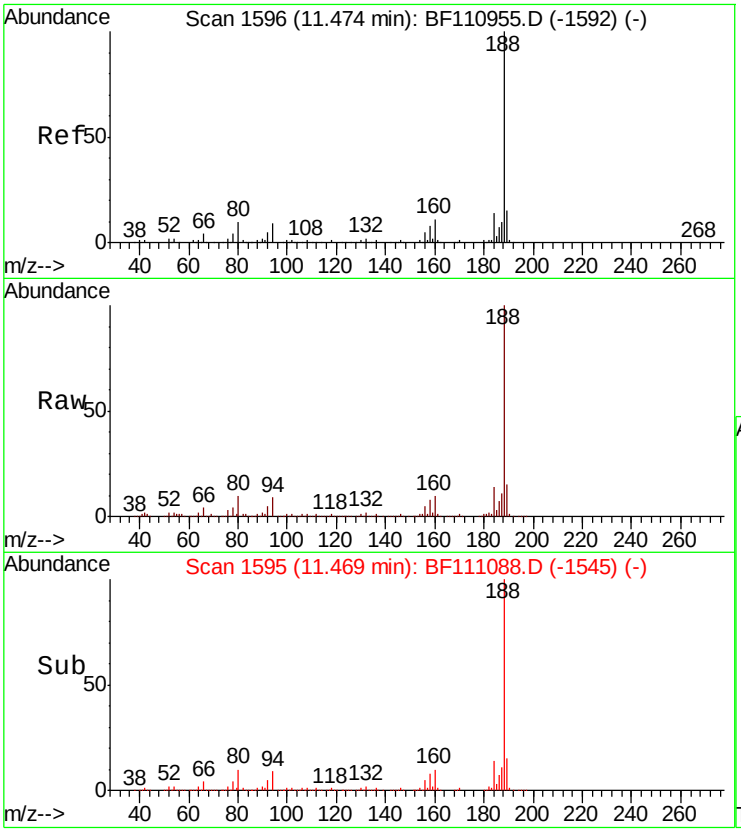


#58
Fluorene
Concen: 9.950 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF111088.D
Acq: 29 Nov 2018 14:00

Tgt Ion:166 Resp: 89698

Ion	Ratio	Lower	Upper
166	100		
165	98.3	78.6	117.8
167	14.0	10.8	16.2



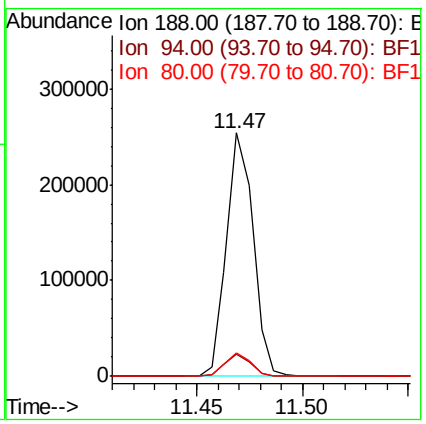


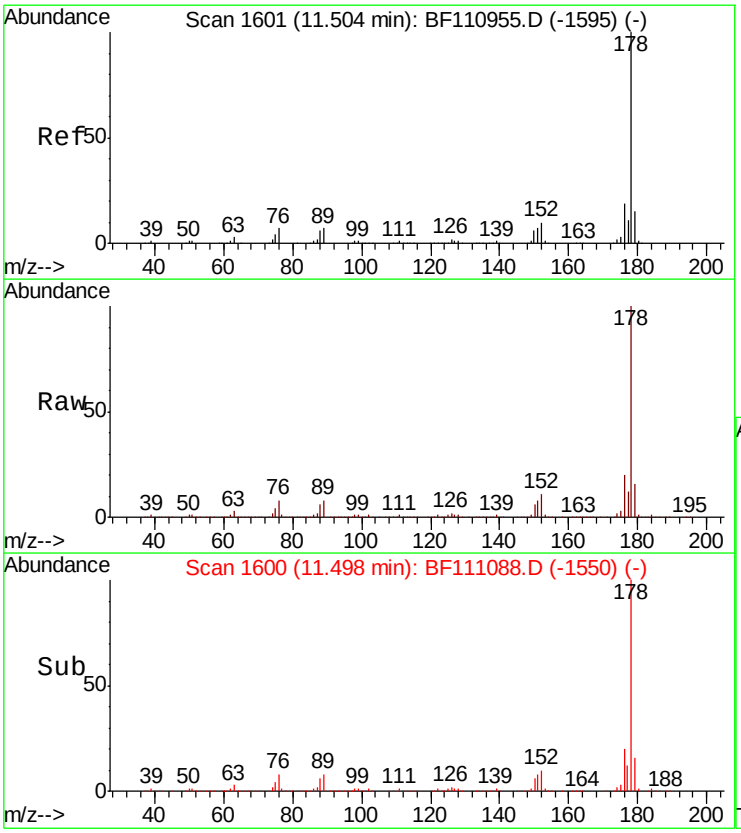
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BF111088.D
Acq: 29 Nov 2018 14:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 222621

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.2	10.8
80	9.6	7.9	11.9

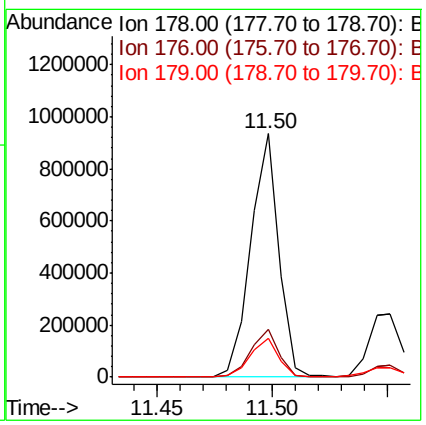


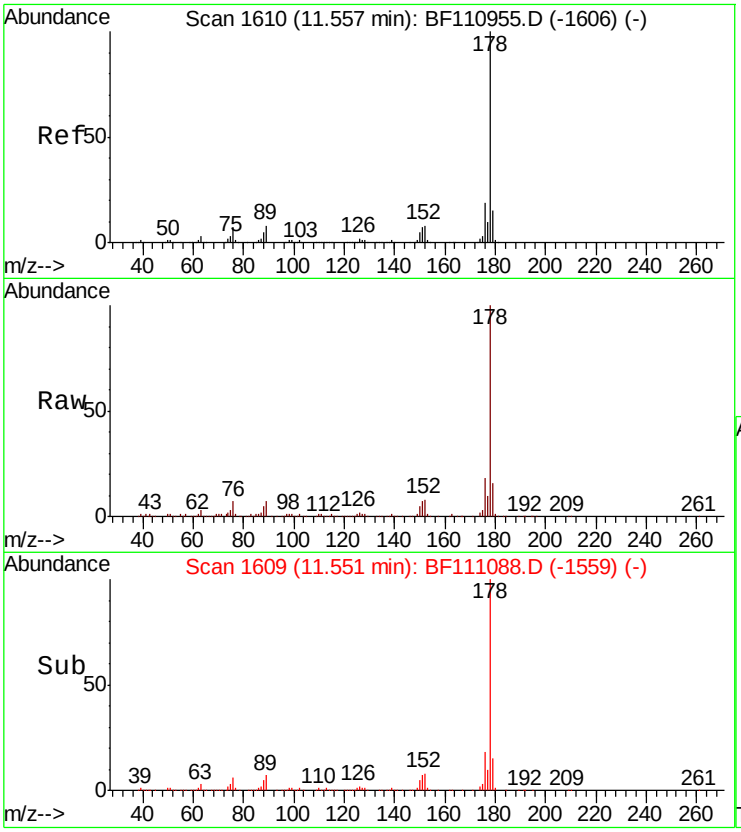


#71
Phenanthrene
Concen: 67.331 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.01 min
Lab File: BF111088.D
Acq: 29 Nov 2018 14:00

Tgt Ion:178 Resp: 793881

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.5	23.3
179	15.8	12.5	18.7



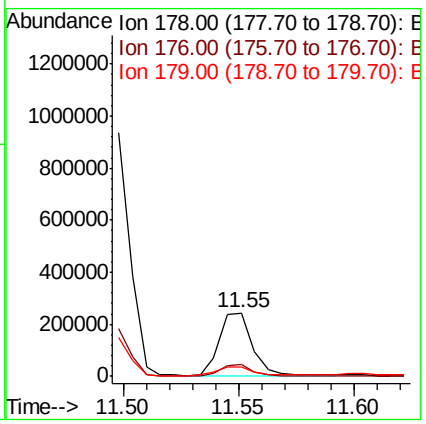


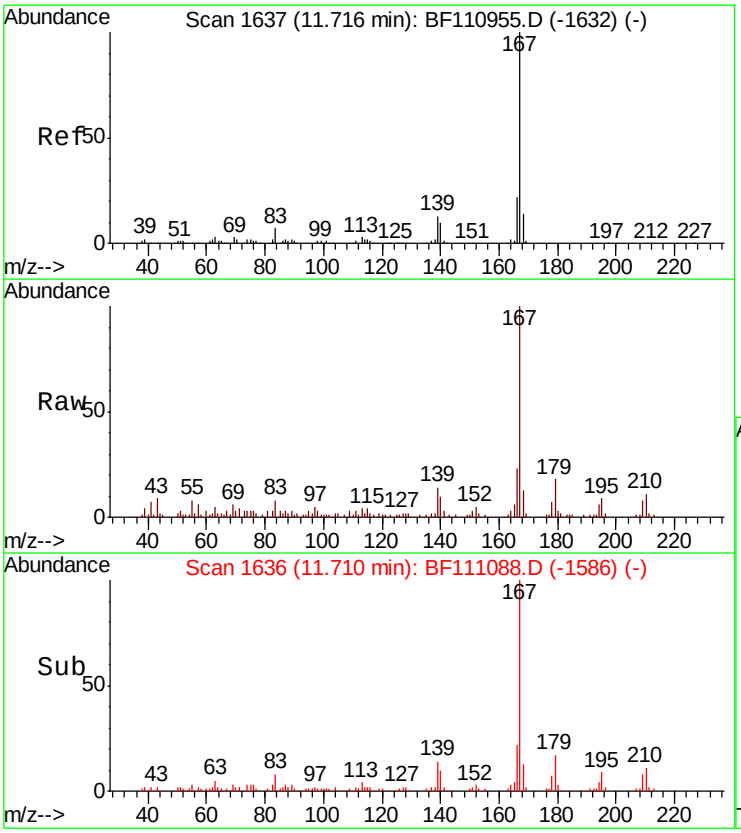
#72
Anthracene
Concen: 20.071 ng
RT: 11.55 min Scan# 1609
Delta R.T. -0.01 min
Lab File: BF111088.D
Acq: 29 Nov 2018 14:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 240998

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.4	23.2
179	15.6	12.6	18.8

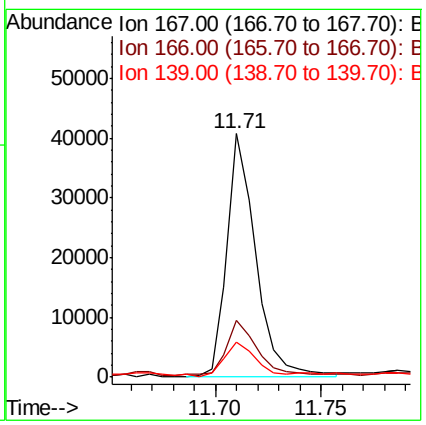


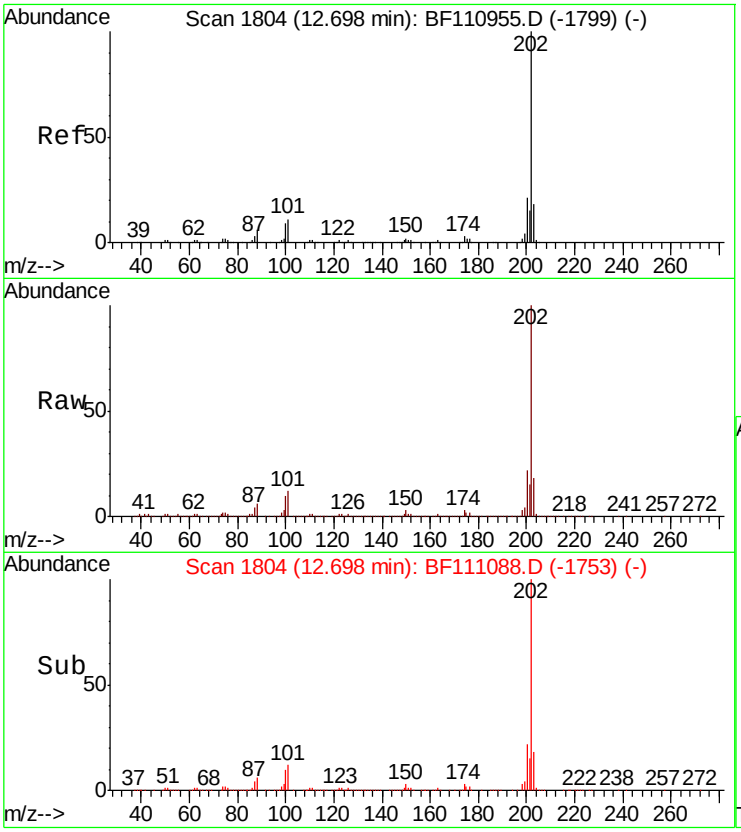


#73
Carbazole
Concen: 3.327 ng
RT: 11.71 min Scan# 1636
Delta R.T. -0.01 min
Lab File: BF111088.D
Acq: 29 Nov 2018 14:00

Tgt Ion:167 Resp: 38774

Ion	Ratio	Lower	Upper
167	100		
166	23.1	17.4	26.0
139	14.2	10.9	16.3



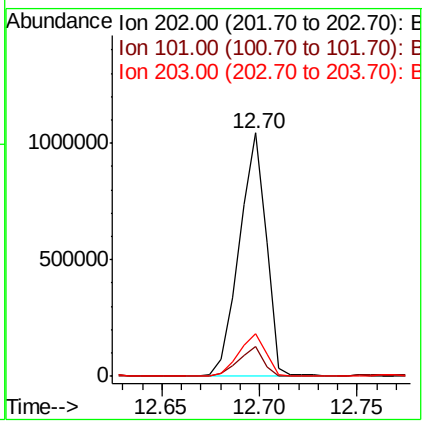


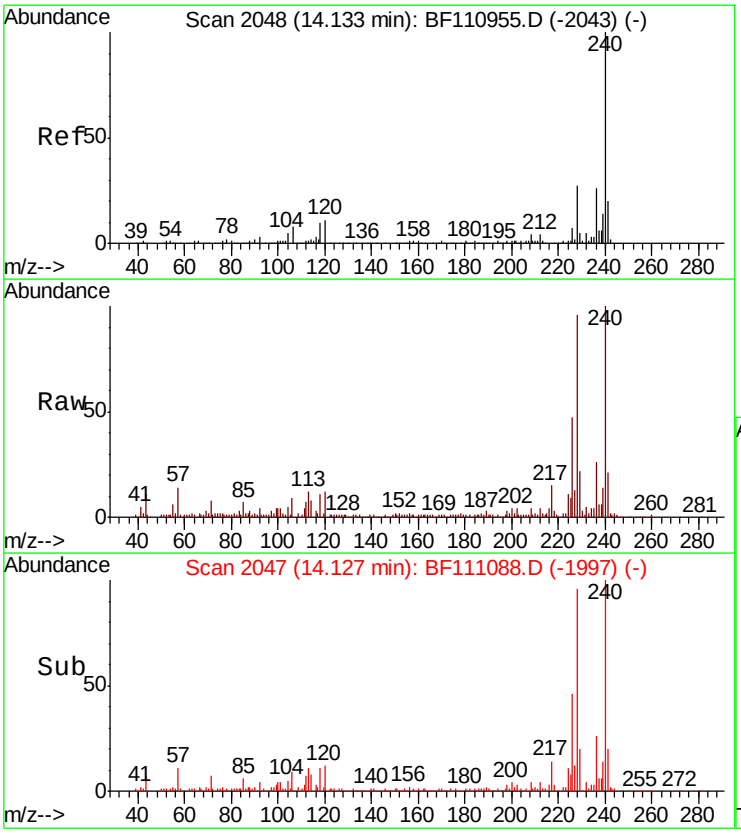
#75
Fluoranthene
Concen: 82.315 ng
RT: 12.70 min Scan# 1804
Delta R.T. 0.00 min
Lab File: BF111088.D
Acq: 29 Nov 2018 14:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 997515

Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	31.4
203	17.8	0.0	37.7

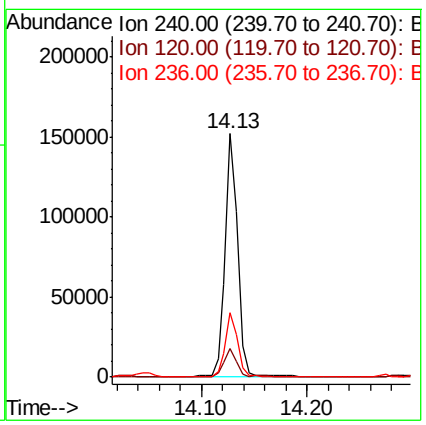


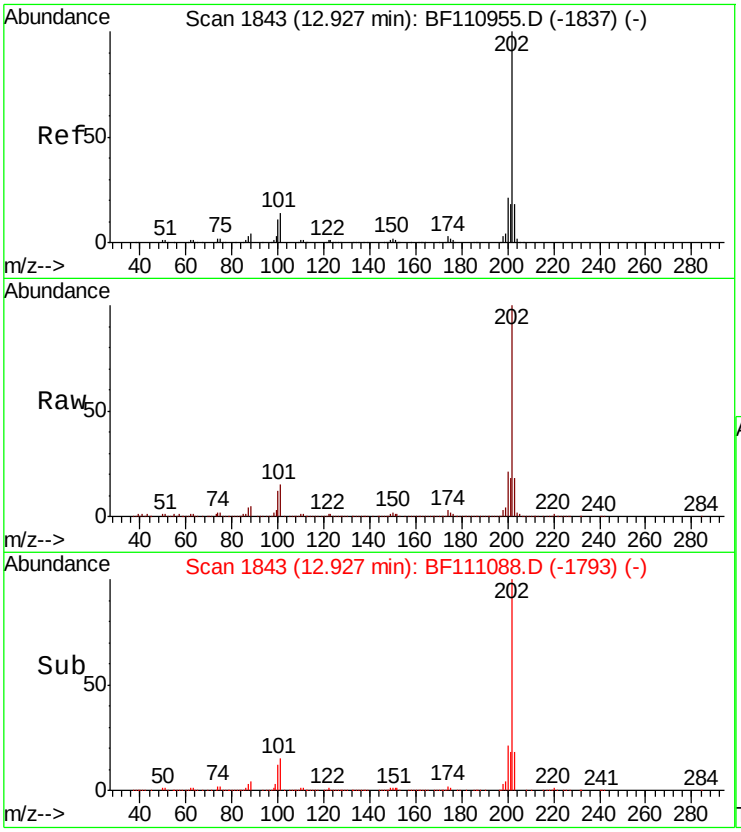


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF111088.D
Acq: 29 Nov 2018 14:00

Tgt Ion:240 Resp: 127374

Ion	Ratio	Lower	Upper
240	100		
120	11.8	8.3	12.5
236	26.4	21.2	31.8



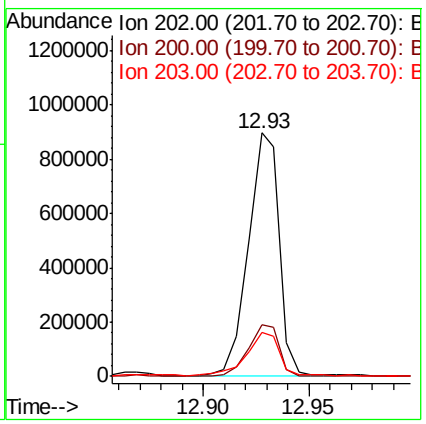


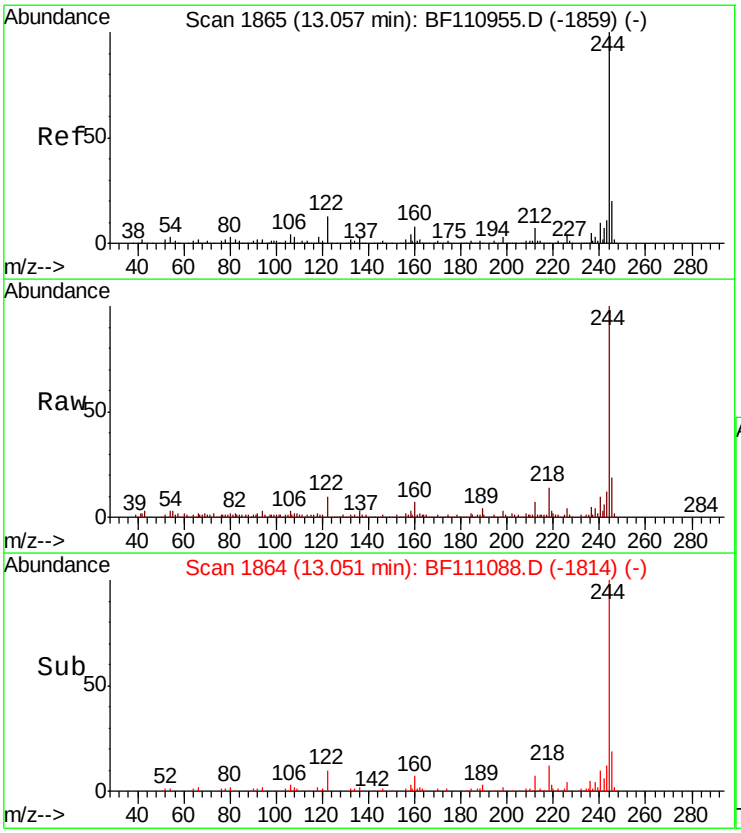
#78
Pyrene
Concen: 97.260 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF111088.D
Acq: 29 Nov 2018 14:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 904812

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.8	26.6
203	18.0	14.2	21.4

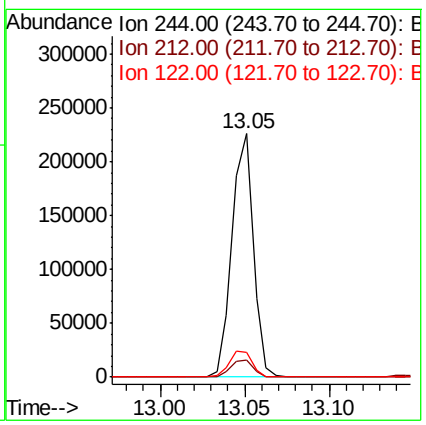


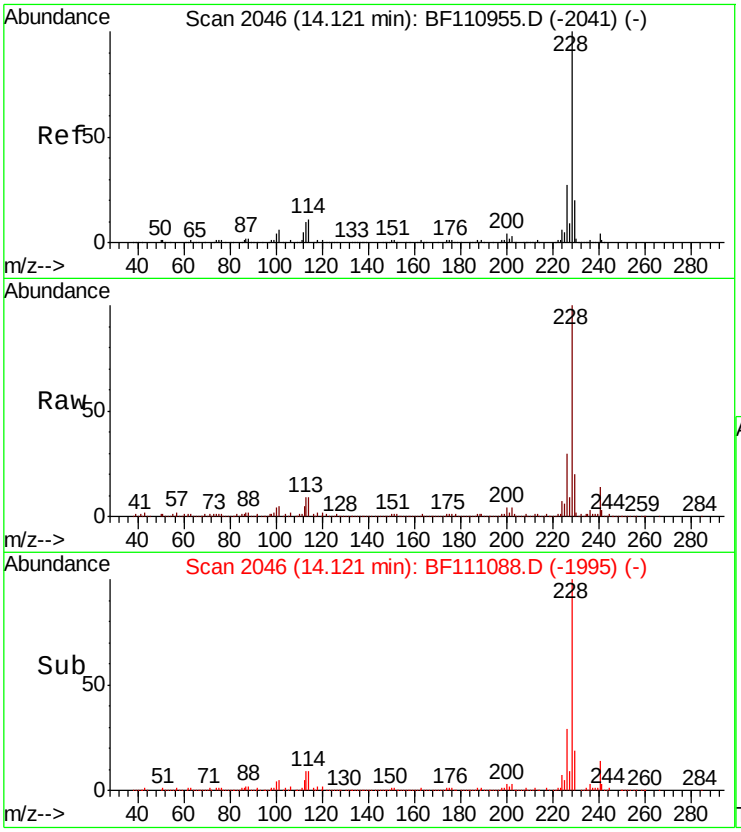


#79
Terphenyl-d14
Concen: 30.300 ng
RT: 13.05 min Scan# 1864
Delta R.T. -0.01 min
Lab File: BF111088.D
Acq: 29 Nov 2018 14:00

Tgt Ion:244 Resp: 198264

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	10.3	8.7	13.1



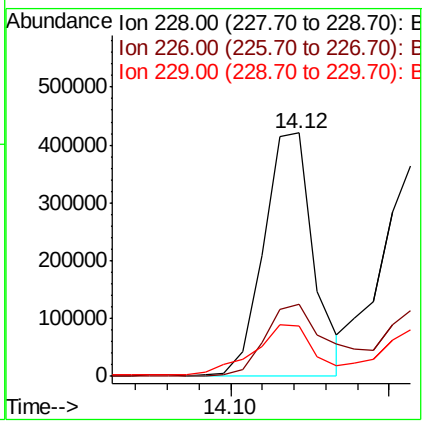


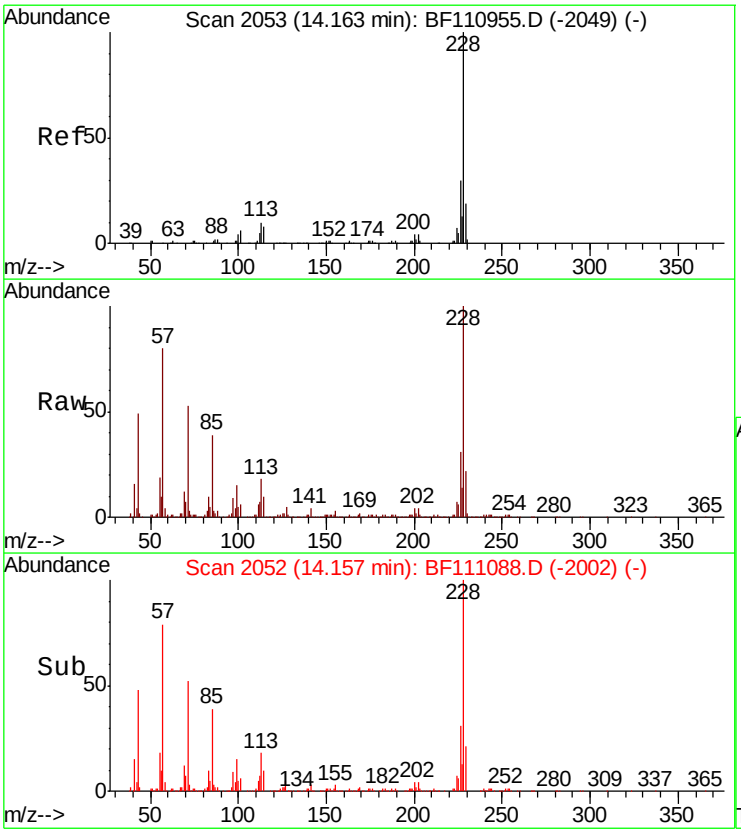
#81
Benzo(a)anthracene
Concen: 60.949 ng
RT: 14.12 min Scan# 2046
Delta R.T. 0.00 min
Lab File: BF111088.D
Acq: 29 Nov 2018 14:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 458333

Ion	Ratio	Lower	Upper
228	100		
226	29.7	22.1	33.1
229	20.5	15.6	23.4

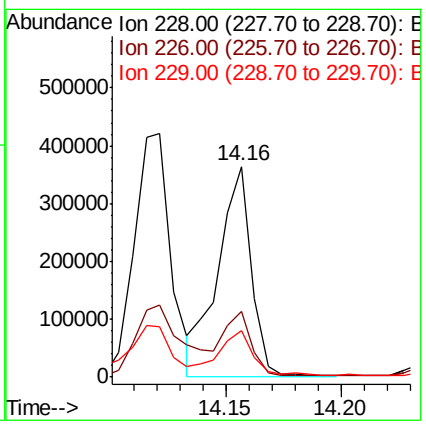


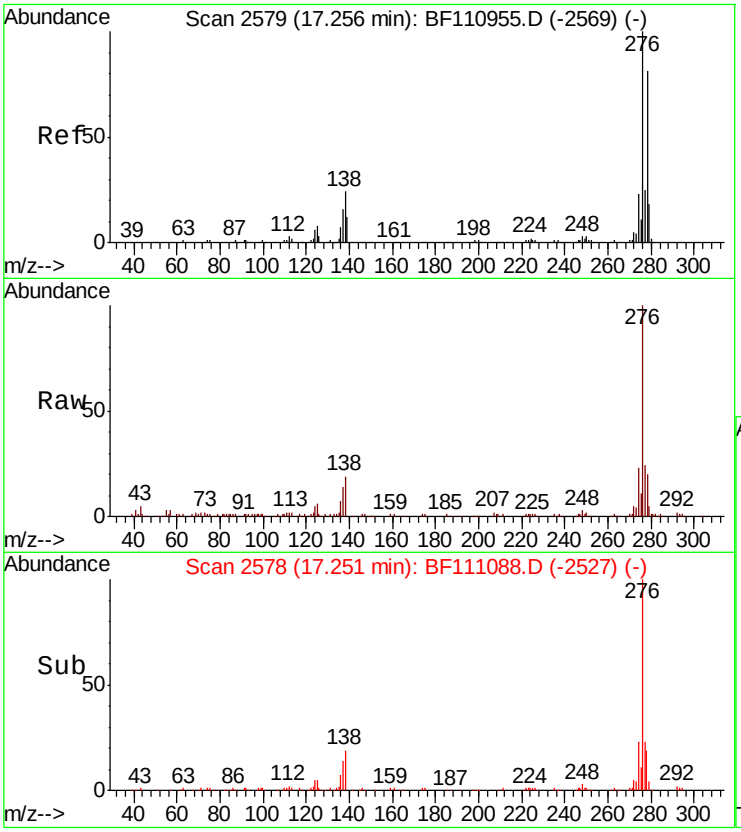


#83
Chrysene
Concen: 49.305 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BF111088.D
Acq: 29 Nov 2018 14:00

Tgt Ion:228 Resp: 364997

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.7	37.1
229	22.2	15.9	23.9



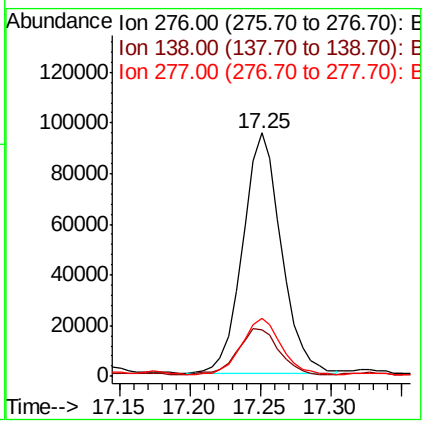


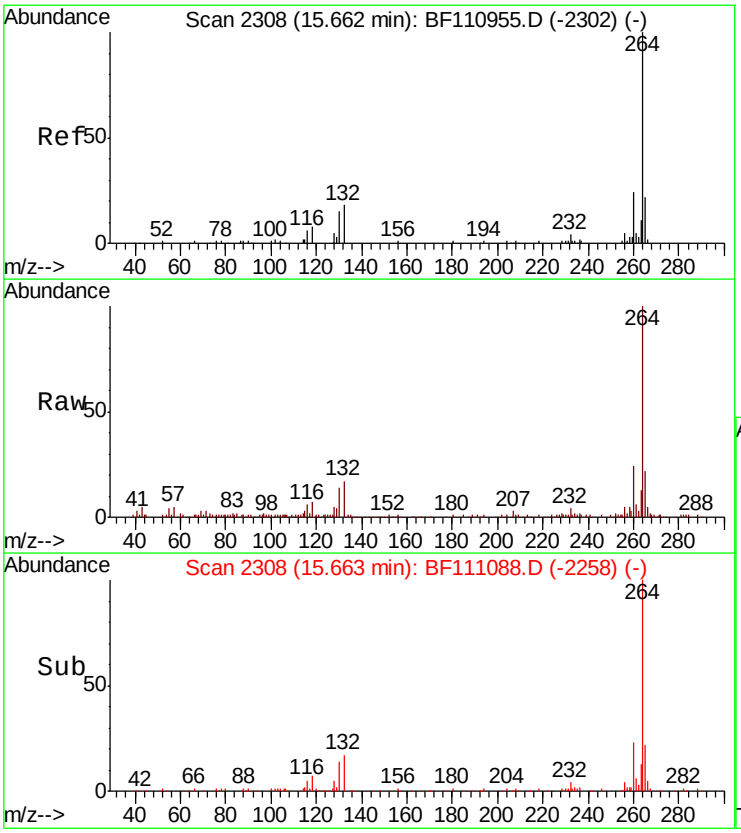
#86
Indeno(1,2,3-cd)pyrene
Concen: 34.391 ng
RT: 17.25 min Scan# 2578
Delta R.T. 0.00 min
Lab File: BF111088.D
Acq: 29 Nov 2018 14:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 182744

Ion	Ratio	Lower	Upper
276	100		
138	20.1	18.5	27.7
277	23.4	20.0	30.0

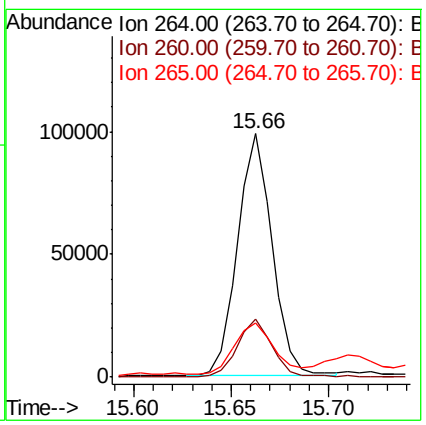


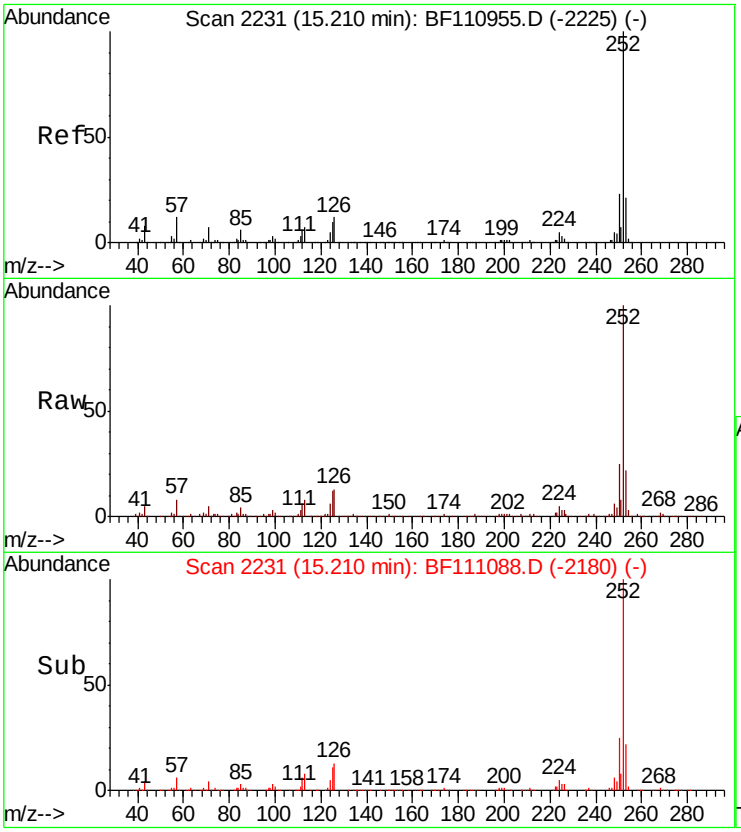


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2308
Delta R.T. -0.01 min
Lab File: BF111088.D
Acq: 29 Nov 2018 14:00

Tgt Ion:264 Resp: 121698

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.7	28.1
265	22.3	16.7	25.1



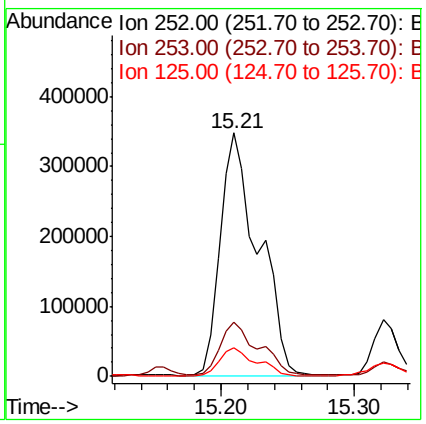


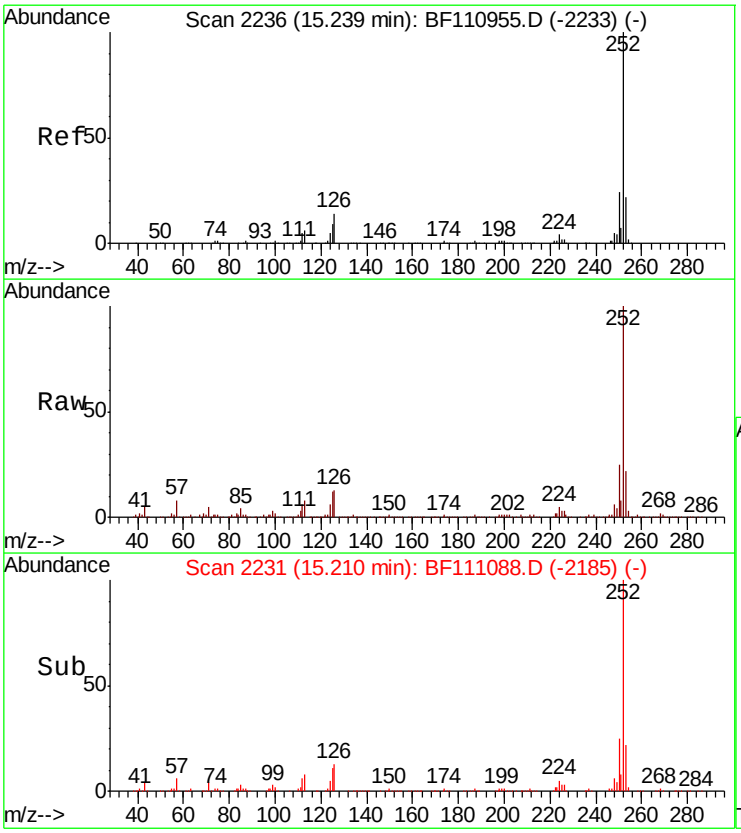
#88
Benzo(b)fluoranthene
Concen: 96.612 ng
RT: 15.21 min Scan# 2231
Delta R.T. 0.00 min
Lab File: BF111088.D
Acq: 29 Nov 2018 14:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 690706

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.2	25.8
125	11.5	8.2	12.4

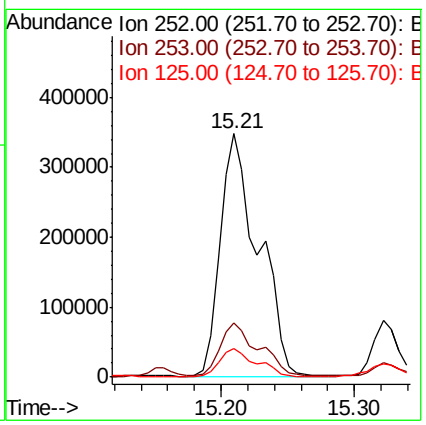


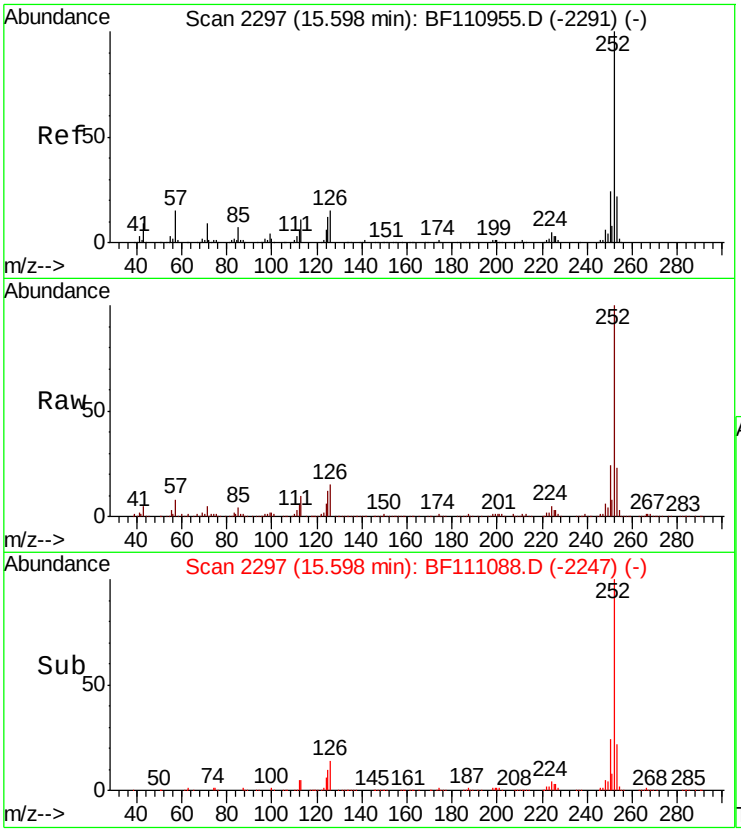


#89
Benzo(k)fluoranthene
Concen: 93.863 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.03 min
Lab File: BF111088.D
Acq: 29 Nov 2018 14:00

Tgt Ion:252 Resp: 690706

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.2	25.8
125	11.5	7.4	11.0#



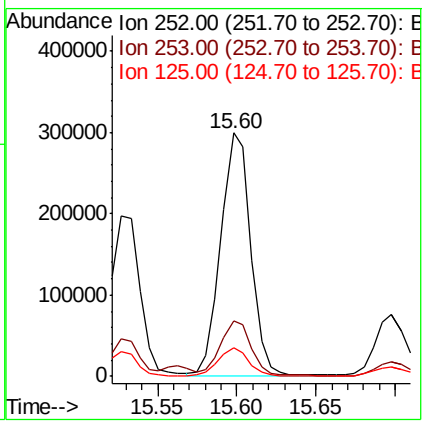


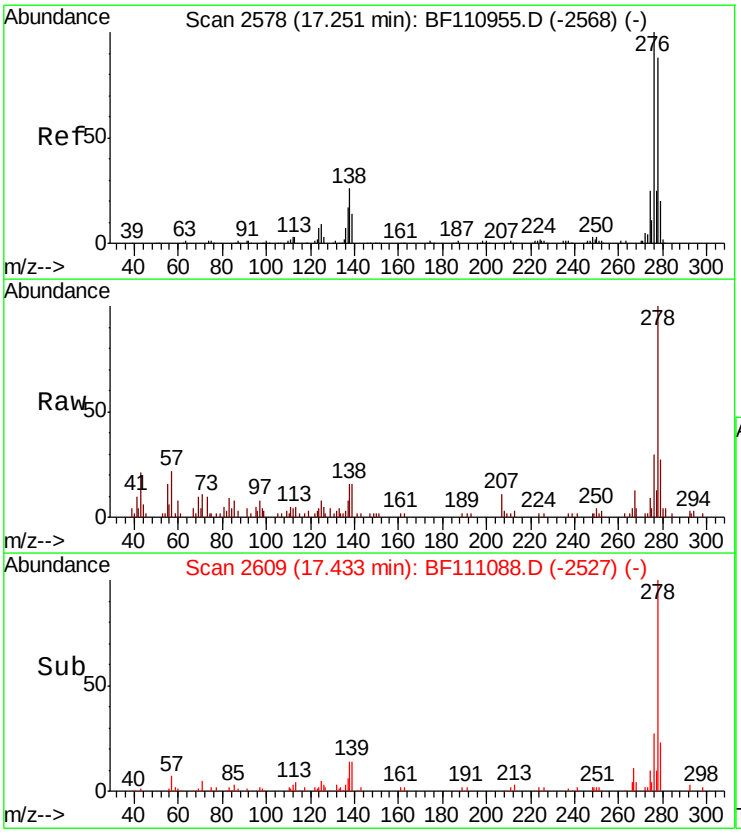
#90
Benzo(a)pyrene
Concen: 58.857 ng
RT: 15.60 min Scan# 2297
Delta R.T. -0.01 min
Lab File: BF111088.D
Acq: 29 Nov 2018 14:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 391682

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.4
125	12.0	9.0	13.6

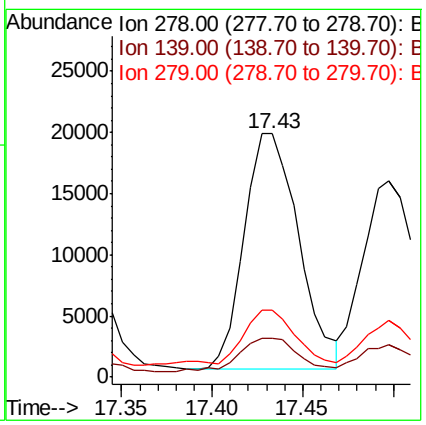


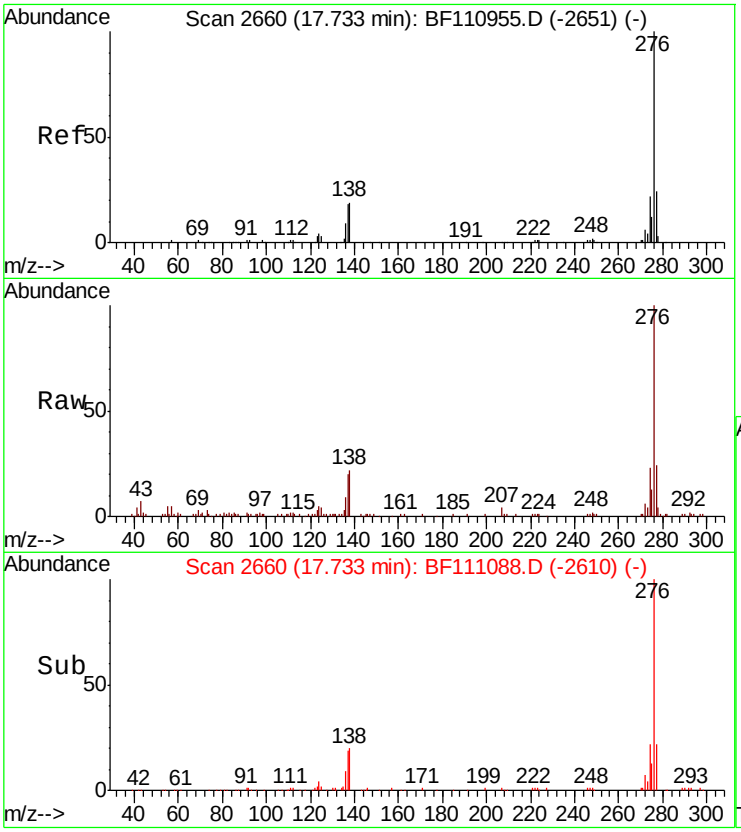


#91
Dibenzo(a,h)anthracene
Concen: 7.340 ng
RT: 17.43 min Scan# 2609
Delta R.T. 0.18 min
Lab File: BF111088.D
Acq: 29 Nov 2018 14:00

Tgt Ion:278 Resp: 40302

Ion	Ratio	Lower	Upper
278	100		
139	16.1	12.7	19.1
279	27.4	19.0	28.4





#92
Benzo(g,h,i)perylene
Concen: 30.049 ng
RT: 17.73 min Scan# 2660
Delta R.T. -0.01 min
Lab File: BF111088.D
Acq: 29 Nov 2018 14:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 159084

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.8	28.2
138	22.0	16.0	24.0