Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103444.D
Acq On : 6 Mar 2018 8:59
Operator : SJ/JU
Sample : J1778-04DL 2X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 06 09:49:21 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 05 13:40:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	122698	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	490985	20.00	ng		0.00
38) Acenaphthene-d10	9.91	164	192723	20.00	ng		0.00
63) Phenanthrene-d10	11.41	188	286975	20.00	ng		0.00
75) Chrysene-d12	14.06	240	185658	20.00	ng		0.00
86) Perylene-d12	15.57	264	144015	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	155891	19.22	ng		0.00
7) Phenol-d6	6.52	99	227903	22.96	ng		0.00
23) Nitrobenzene-d5	7.44	82	121197	14.10	ng		0.00
41) 2,4,6-Tribromophenol	10.71	330	23820	14.60	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	192030	12.33	ng		0.00
78) Terphenyl-d14	12.99	244	132751	17.19	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.42	77	1533	Below Cal		#	1
31) Naphthalene	8.17	128	885071	36.820	ng		100
32) Benzoic acid	8.06	122	110	6.932	ng	#	1
33) 4-Chloroaniline	8.17	127	119308	11.502	ng	#	33
37) 2-Methylnaphthalene	8.87	142	357870	23.036	ng		99
45) 1,1'-Biphenyl	9.33	154	47817	2.961	ng		96
48) Acenaphthylene	9.77	152	104382	5.310	ng	#	96
51) Acenaphthene	9.95	154	145589	12.701	ng		99
54) Dibenzofuran	10.12	168	159046	10.108	ng		96
57) Fluorene	10.46	166	269957	20.140	ng		99
59) Diethylphthalate	10.32	149	30060	2.033	ng		98
64) 4,6-Dinitro-2-methylphenol	10.73	198	133	5.014	ng	#	1
70) Phenanthrene	11.43	178	1016712	64.377	ng		99
71) Anthracene	11.49	178	347099	21.433	ng		100
72) Carbazole	11.65	167	49494	3.069	ng		97
73) Di-n-butylphthalate	11.95	149	161643	8.010	ng		99
74) Fluoranthene	12.63	202	708611	44.650	ng		99
77) Pyrene	12.86	202	657659	45.434	ng		100
80) Benzo(a)anthracene	14.06	228	241281	20.030	ng		96
82) Chrysene	14.09	228	216637	18.521	ng		98
85) Indeno(1,2,3-cd)pyrene	17.12	276	61026	6.590	ng		94
87) Benzo(b)fluoranthene	15.13	252	224486	23.708	ng	#	93
88) Benzo(k)fluoranthene	15.13	252	224585	25.188	ng	#	96
89) Benzo(a)pyrene	15.52	252	135119	15.980	ng	#	97
90) Dibenzo(a,h)anthracene	17.12	278	14472	2.215	ng	#	77
91) Benzo(g,h,i)perylene	17.59	276	55006	8.614	ng		96

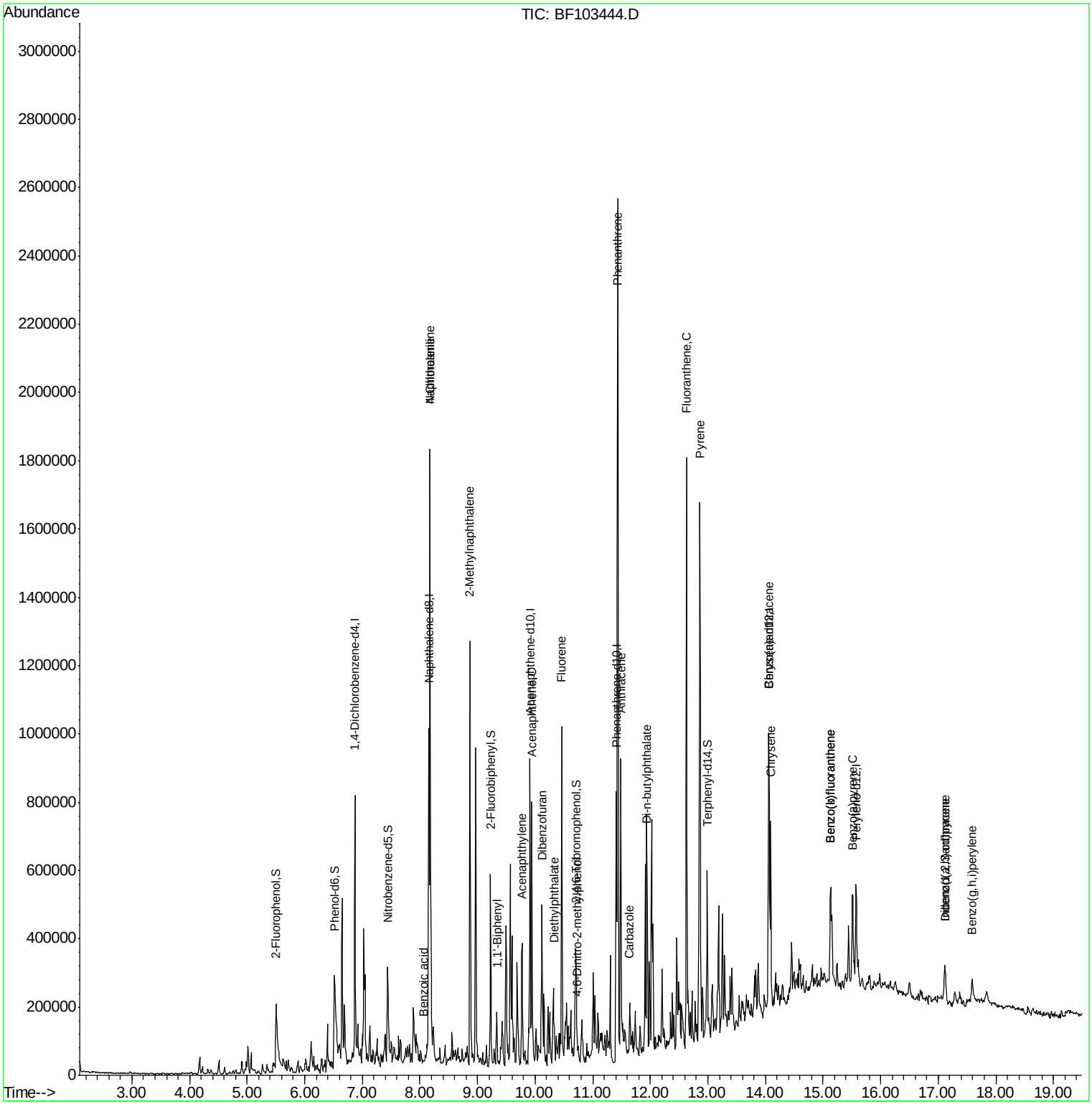
(#) = qualifier out of range (m) = manual integration (+) = signals summed

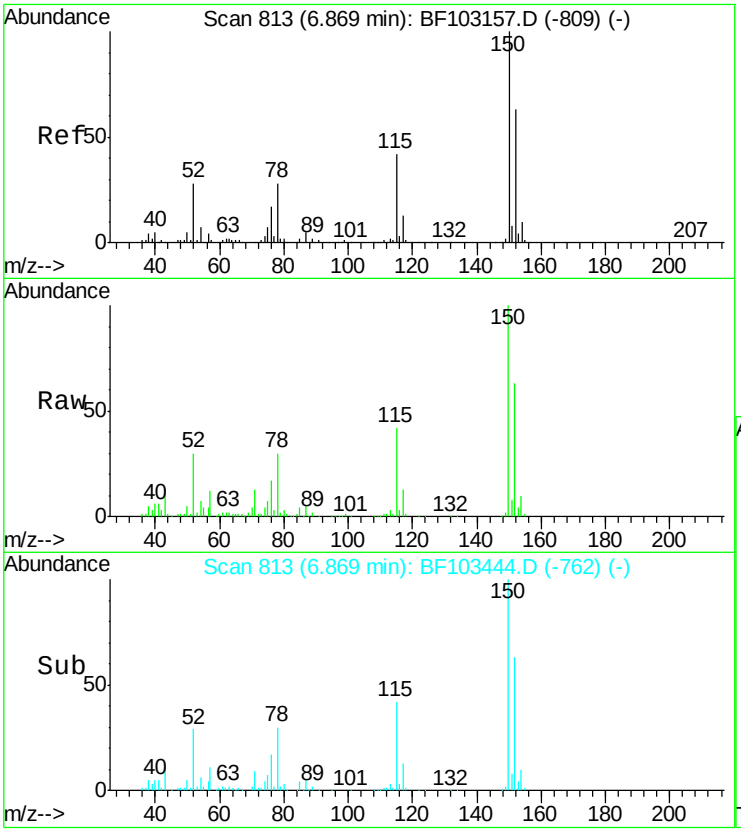
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103444.D
Acq On : 6 Mar 2018 8:59
Operator : SJ/JU
Sample : J1778-04DL 2X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 06 09:49:21 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 05 13:40:47 2018
Response via : Initial Calibration



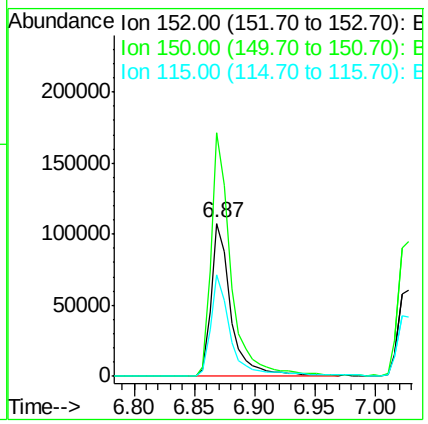


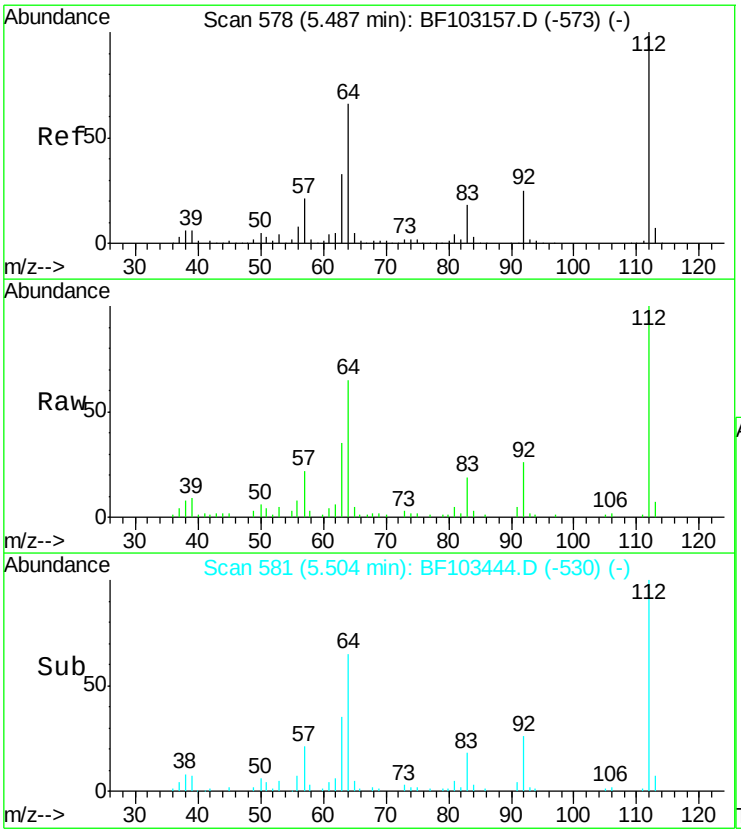
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF103444.D
Acq: 6 Mar 2018 8:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 122698

Ion	Ratio	Lower	Upper
152	100		
150	158.8	124.6	186.8
115	66.6	50.1	75.1

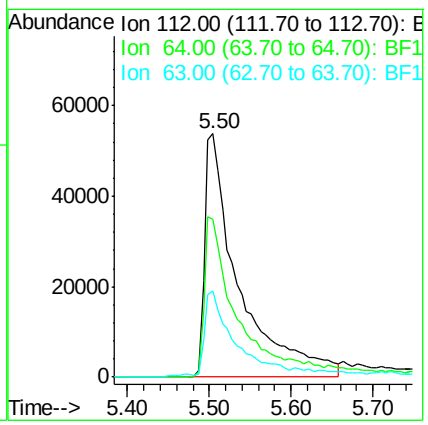


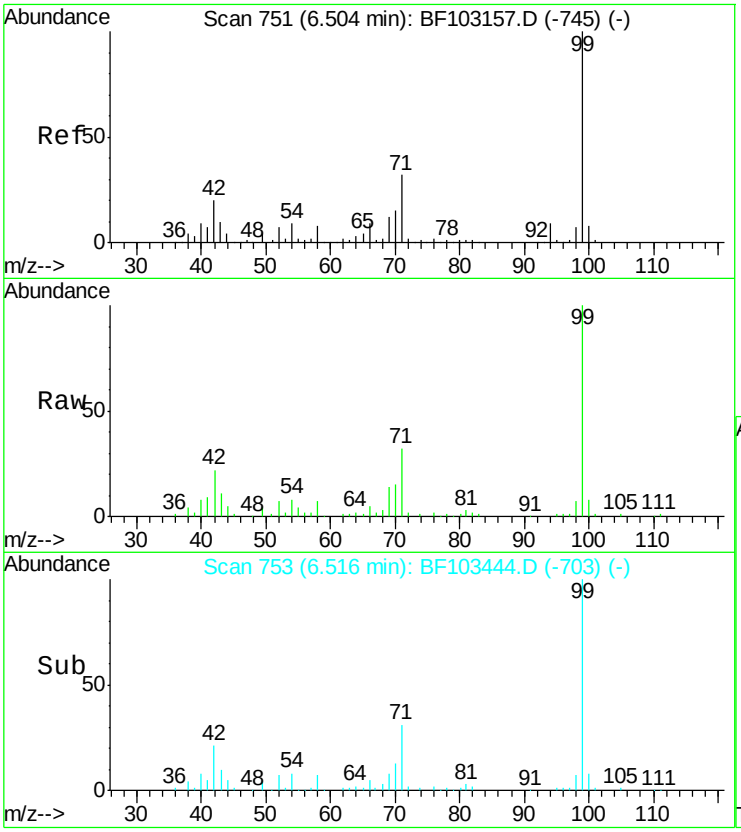


#5
2-Fluorophenol
Concen: 19.216 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.00 min
Lab File: BF103444.D
Acq: 6 Mar 2018 8:59

Tgt Ion:112 Resp: 155891

Ion	Ratio	Lower	Upper
112	100		
64	64.7	47.9	71.9
63	35.3	23.7	35.5



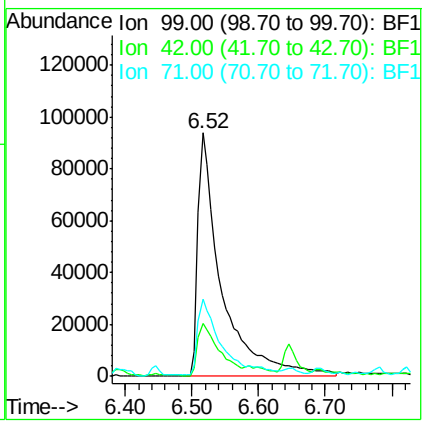


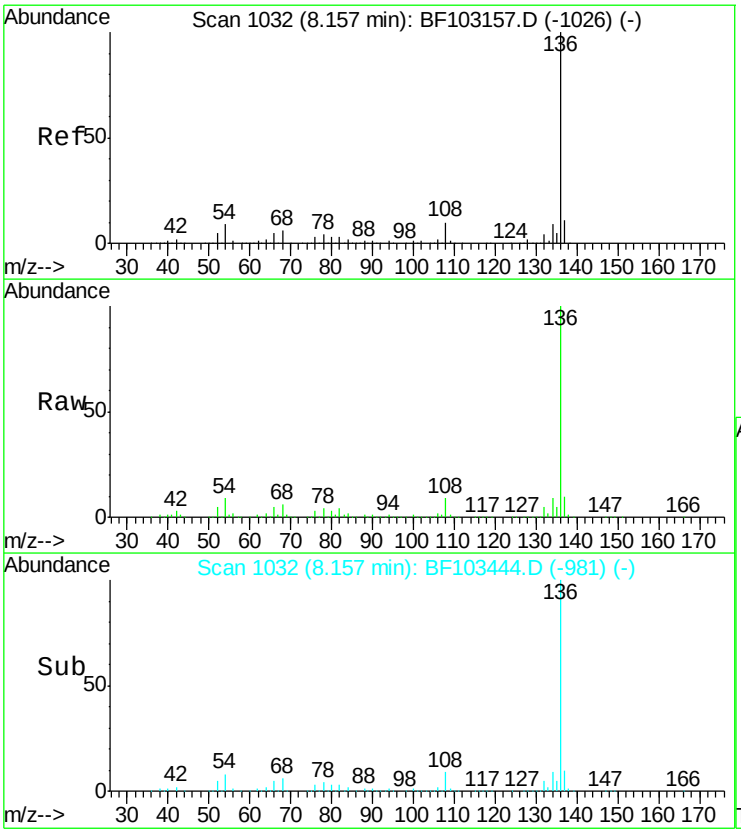
#7
Phenol-d6
Concen: 22.958 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.01 min
Lab File: BF103444.D
Acq: 6 Mar 2018 8:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 227903

Ion	Ratio	Lower	Upper
99	100		
42	21.6	14.5	21.7
71	31.6	25.4	38.0

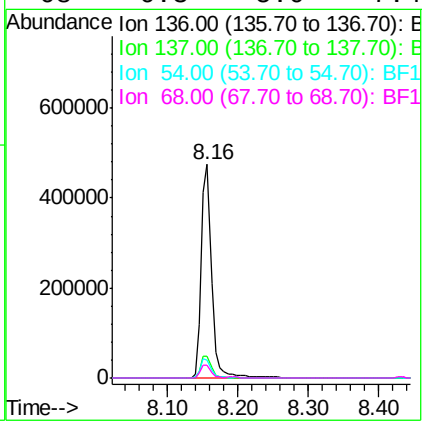


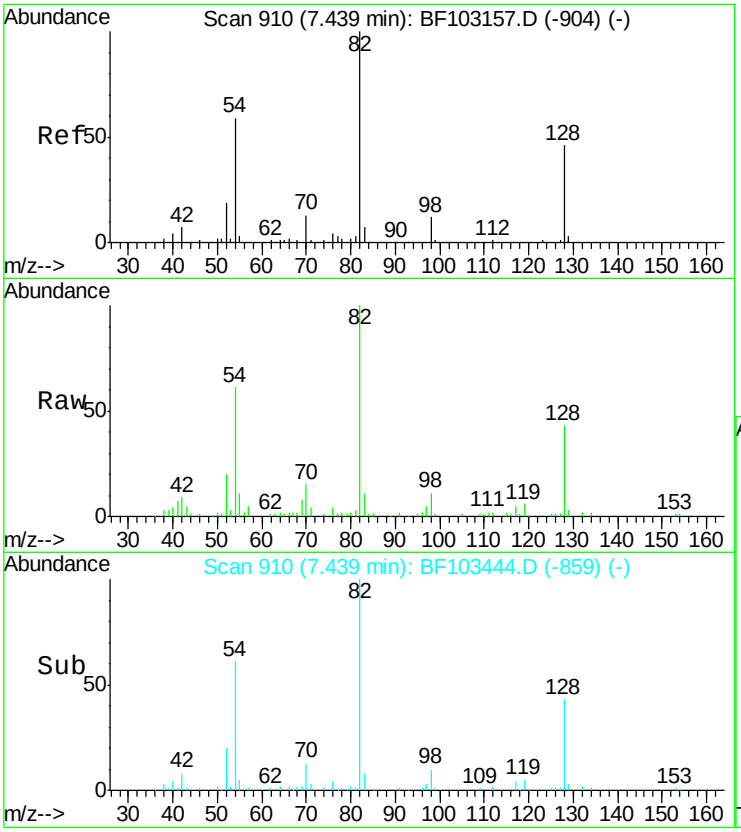


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF103444.D
Acq: 6 Mar 2018 8:59

Tgt Ion:136 Resp: 490985

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	8.5	6.6	9.8
68	6.3	5.0	7.4



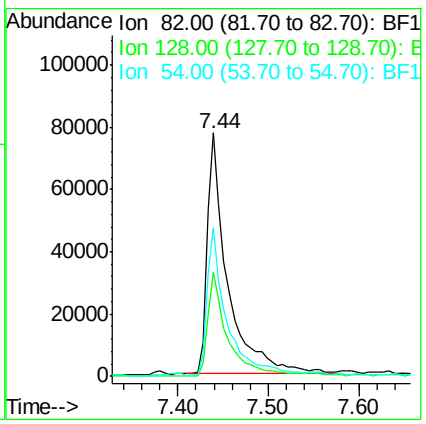


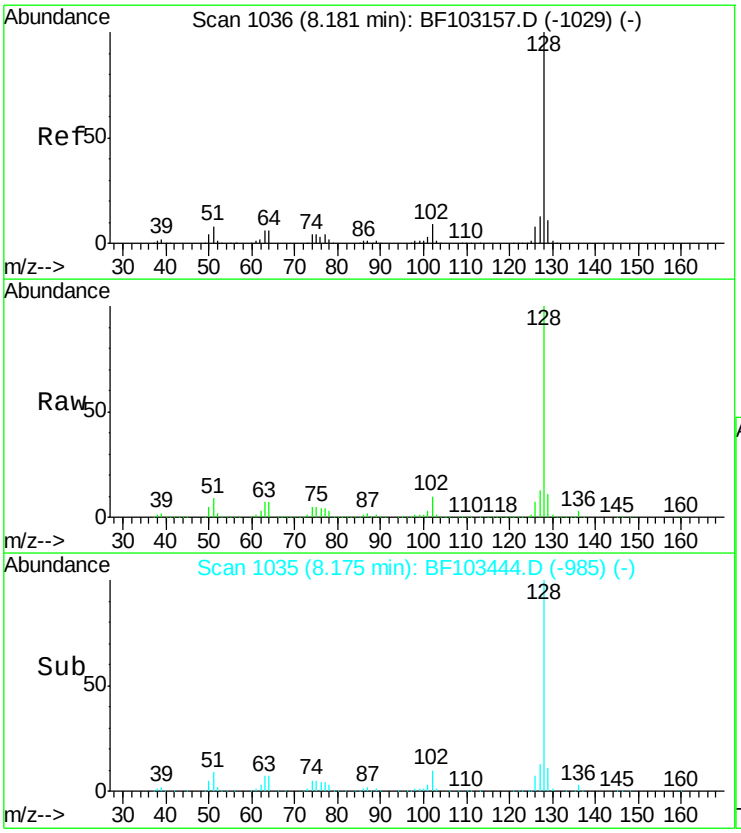
#23
Nitrobenzene-d5
Concen: 14.097 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.00 min
Lab File: BF103444.D
Acq: 6 Mar 2018 8:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 121197

Ion	Ratio	Lower	Upper
82	100		
128	43.0	36.1	54.1
54	61.2	41.4	62.2

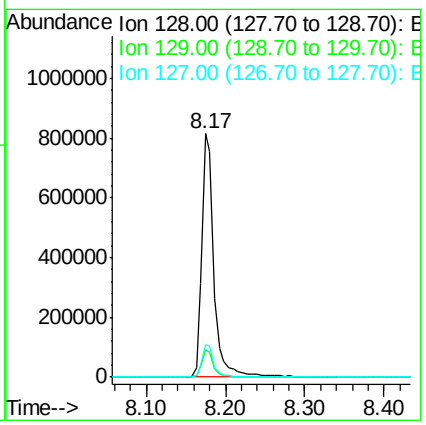


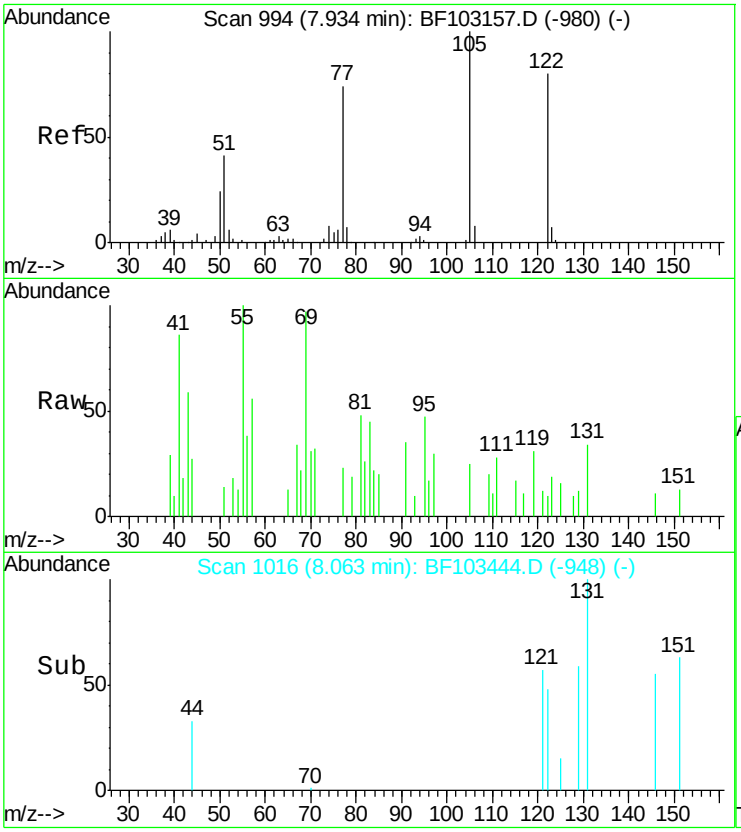


#31
Naphthalene
Concen: 36.820 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF103444.D
Acq: 6 Mar 2018 8:59

Tgt Ion:128 Resp: 885071

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.8	13.2
127	13.5	10.9	16.3



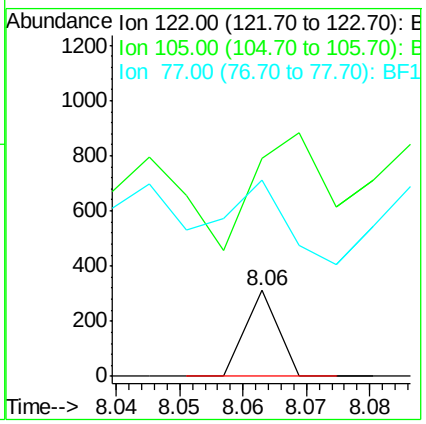


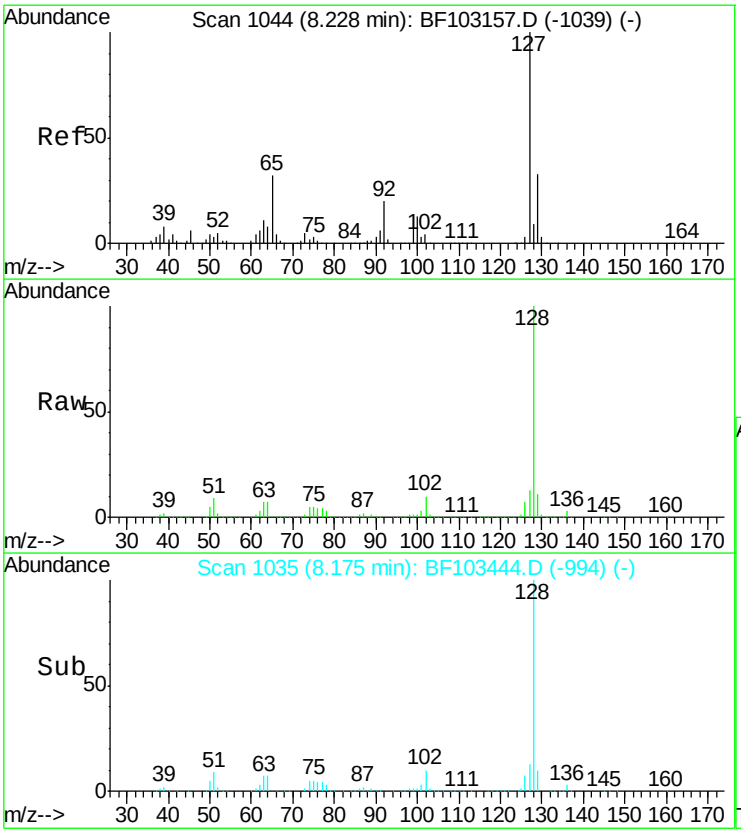
#32
Benzoic acid
Concen: 6.932 ng
RT: 8.06 min Scan# 1016
Delta R.T. 0.10 min
Lab File: BF103444.D
Acq: 6 Mar 2018 8:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 110

Ion	Ratio	Lower	Upper
122	100		
105	252.9	101.1	141.1#
77	227.9	70.7	110.7#

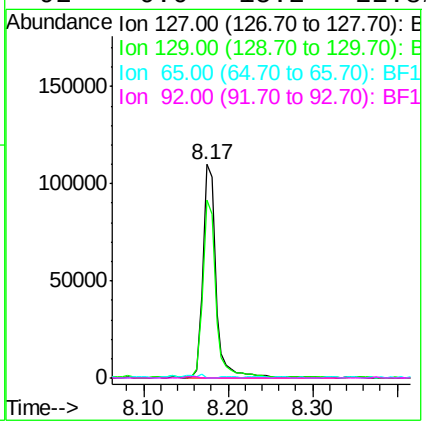


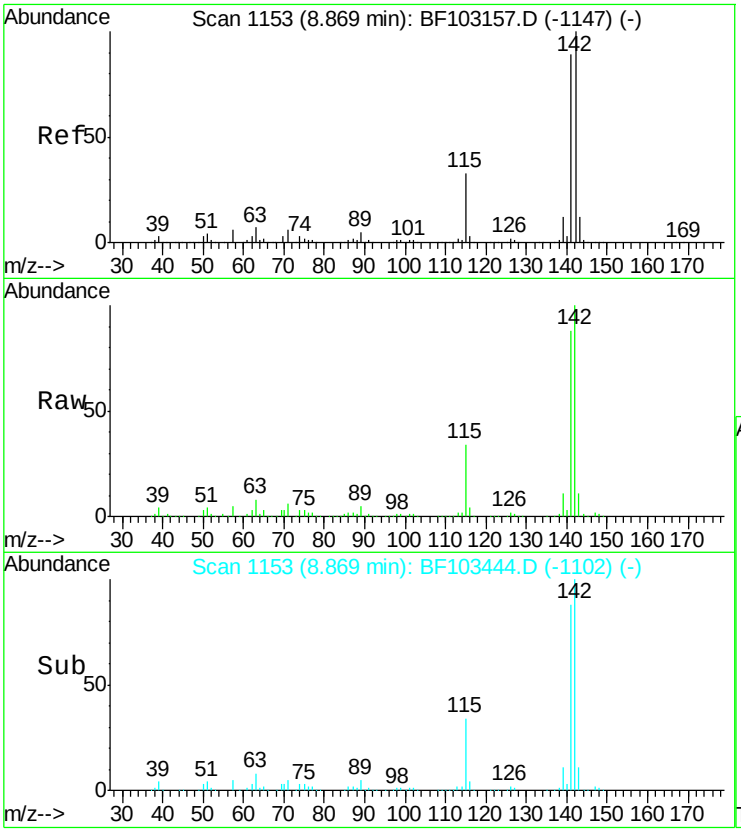


#33
4-Chloroaniline
Concen: 11.502 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.06 min
Lab File: BF103444.D
Acq: 6 Mar 2018 8:59

Tgt Ion:127 Resp: 119308

Ion	Ratio	Lower	Upper
127	100		
129	83.4	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#



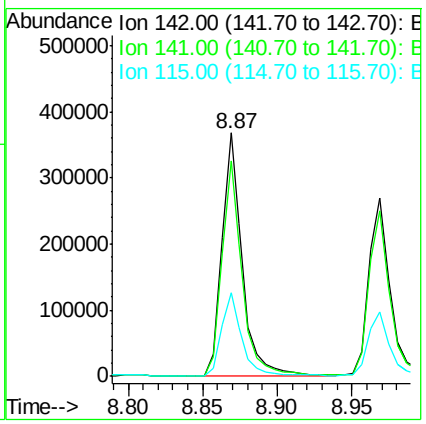


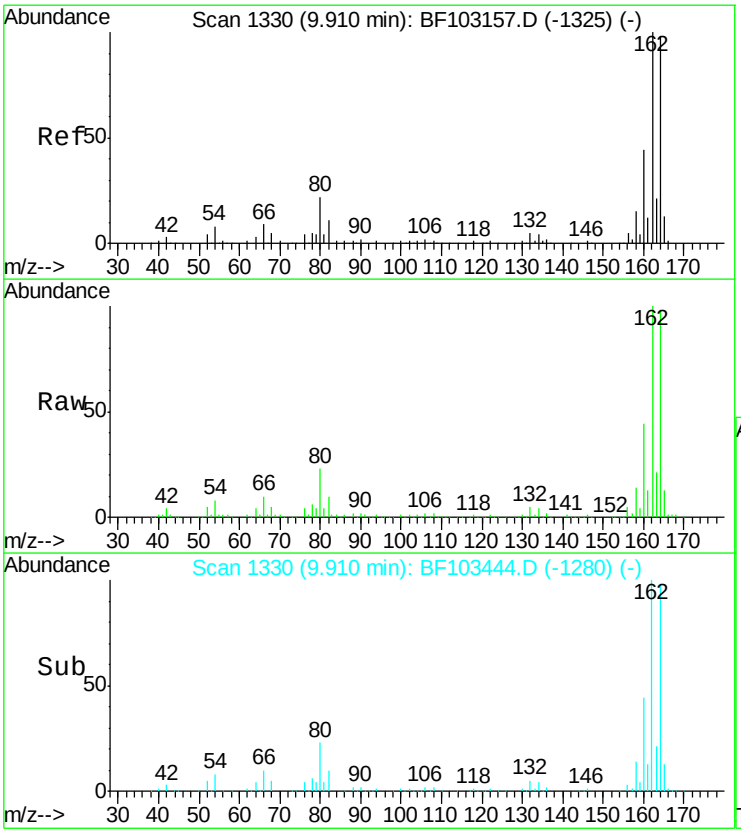
#37
2-Methylnaphthalene
Concen: 23.036 ng
RT: 8.87 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BF103444.D
Acq: 6 Mar 2018 8:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 357870

Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.8	106.2
115	34.5	26.1	39.1

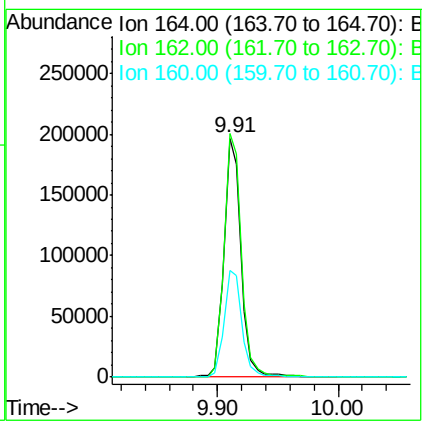


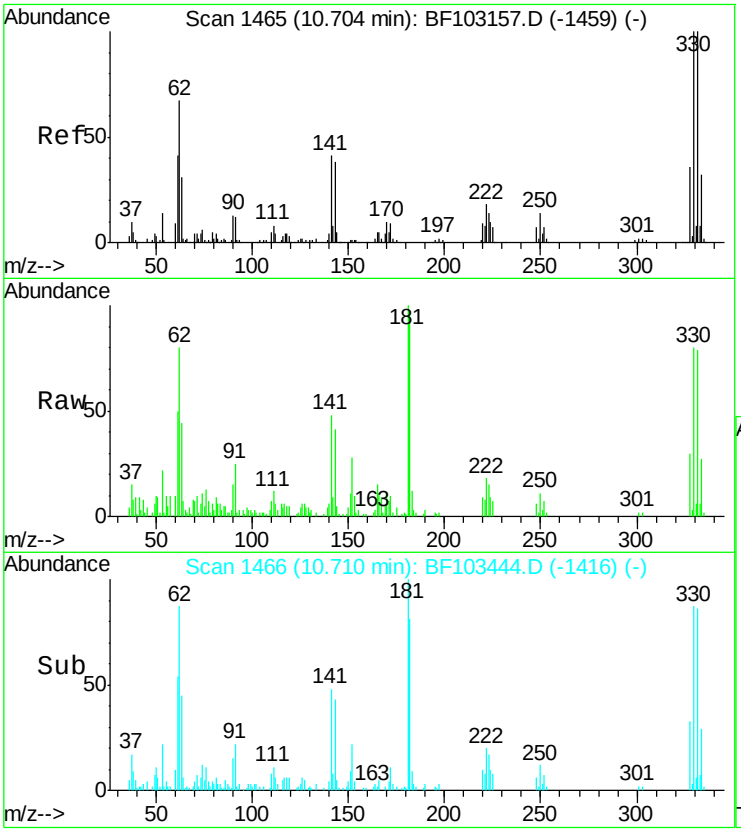


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF103444.D
Acq: 6 Mar 2018 8:59

Tgt Ion:164 Resp: 192723

Ion	Ratio	Lower	Upper
164	100		
162	102.0	86.1	129.1
160	44.5	38.3	57.5



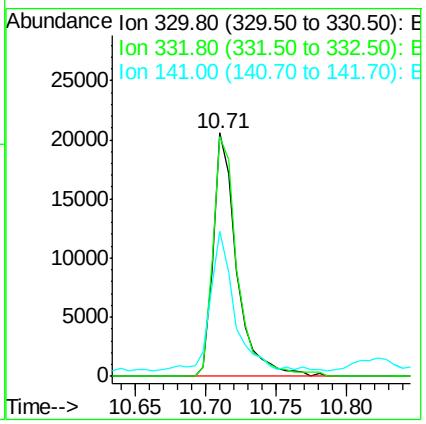


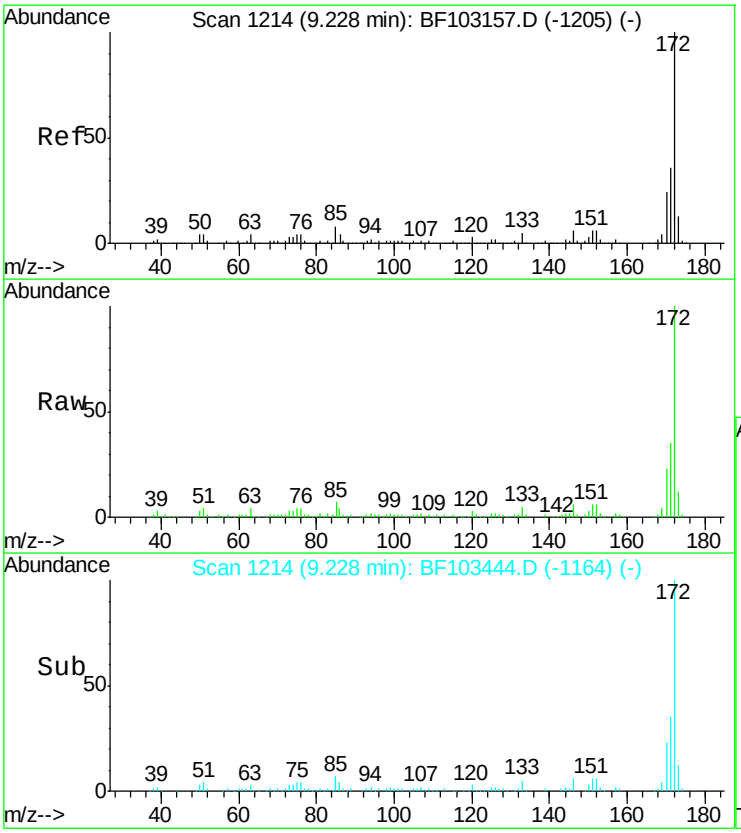
#41
2,4,6-Tribromophenol
Concen: 14.602 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF103444.D
Acq: 6 Mar 2018 8:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 23820

Ion	Ratio	Lower	Upper
330	100		
332	103.3	77.0	115.6
141	58.6	29.9	44.9#

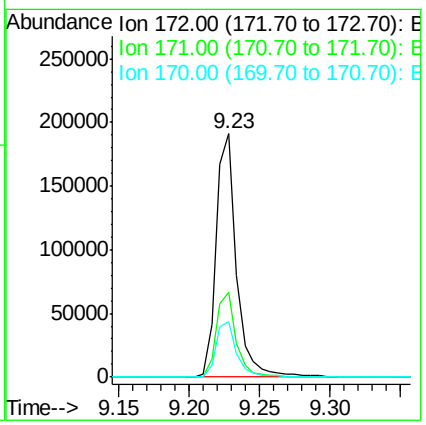


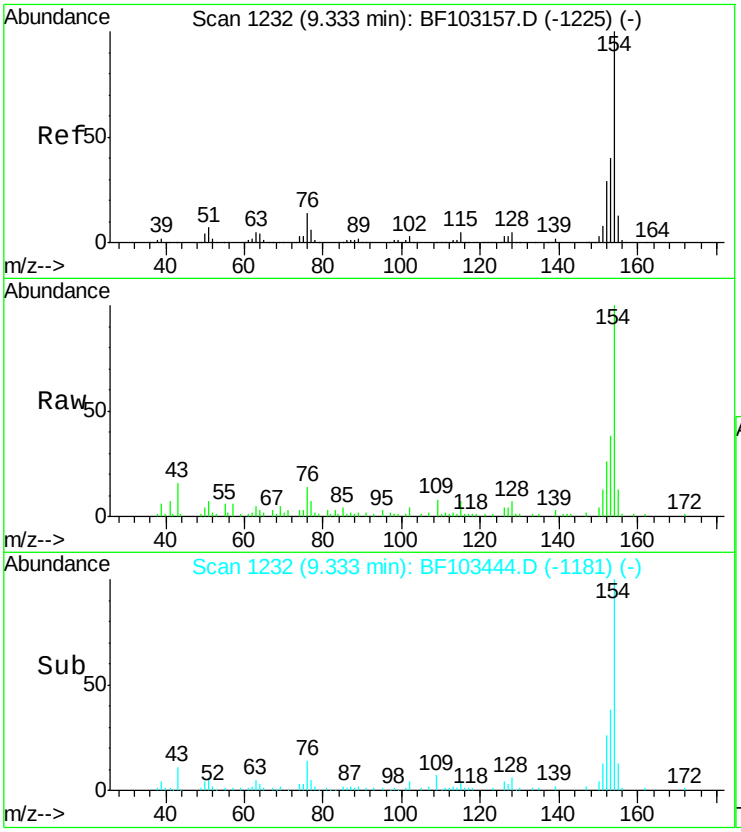


#44
2-Fluorobiphenyl
Concen: 12.335 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF103444.D
Acq: 6 Mar 2018 8:59

Tgt Ion:172 Resp: 192030

Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.7	44.5
170	22.6	19.6	29.4



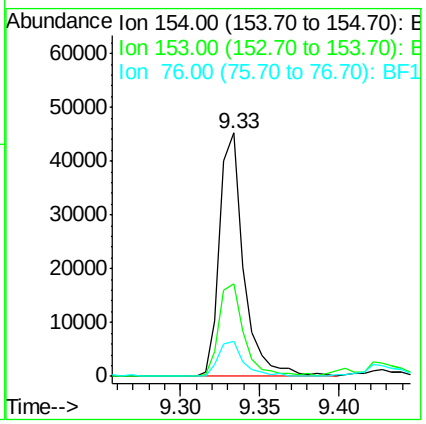


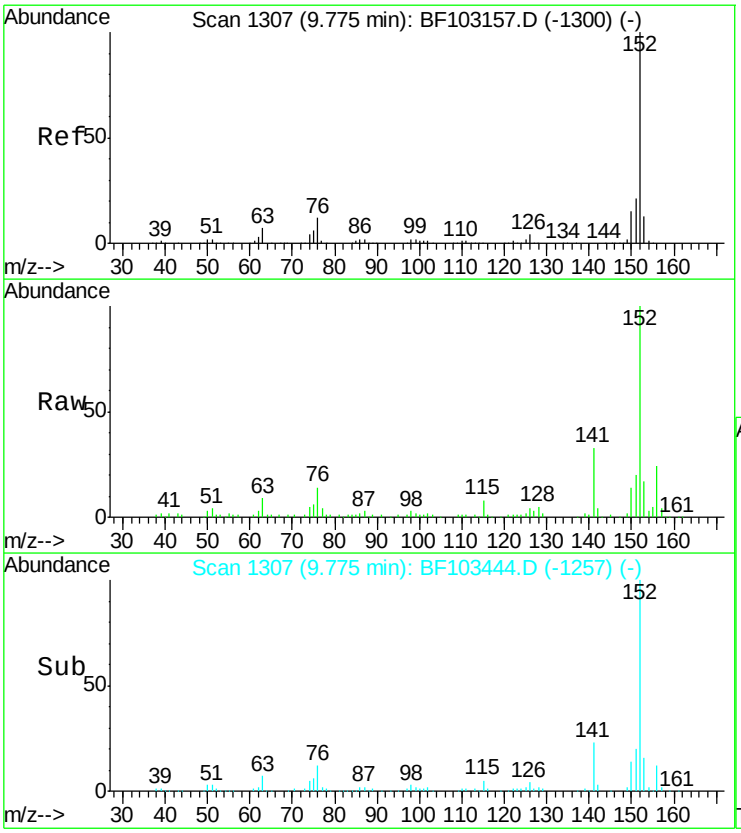
#45
1,1'-Biphenyl
Concen: 2.961 ng
RT: 9.33 min Scan# 1232
Delta R.T. 0.00 min
Lab File: BF103444.D
Acq: 6 Mar 2018 8:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 47817

Ion	Ratio	Lower	Upper
154	100		
153	38.2	21.3	61.3
76	14.2	0.0	34.0

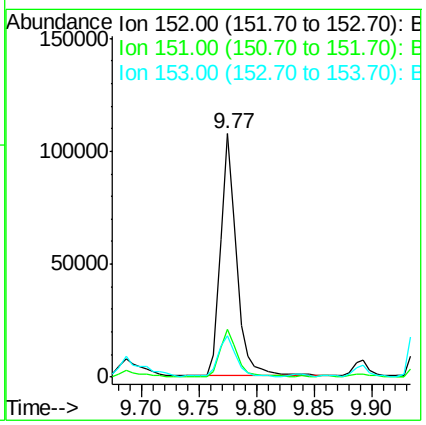


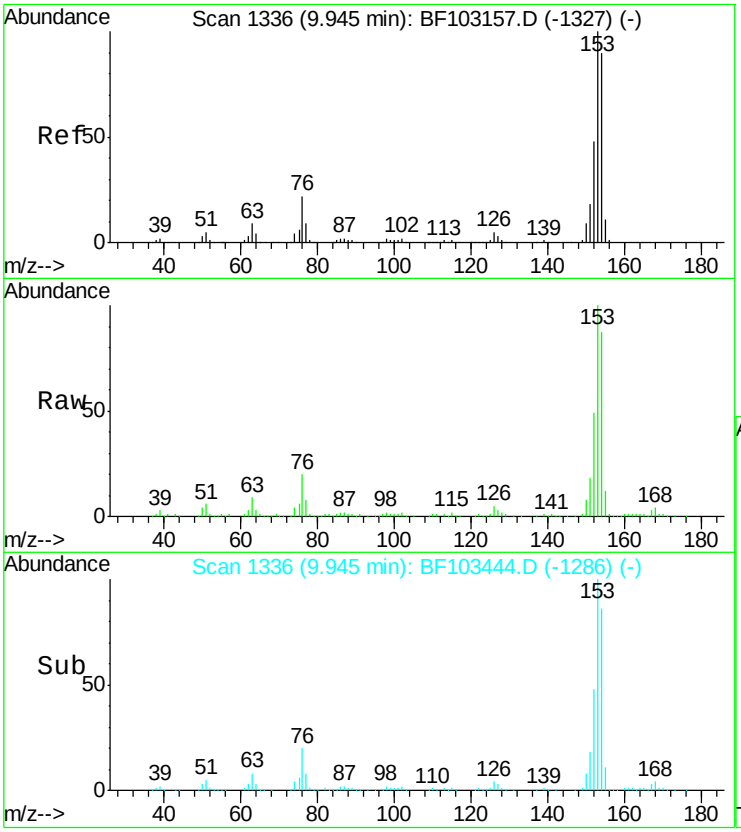


#48
Acenaphthylene
Concen: 5.310 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF103444.D
Acq: 6 Mar 2018 8:59

Tgt Ion:152 Resp: 104382

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.3	24.5
153	17.0	10.7	16.1#



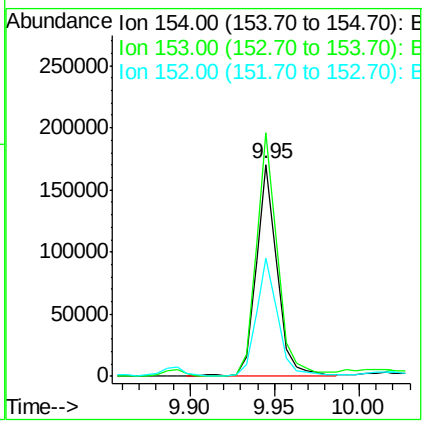


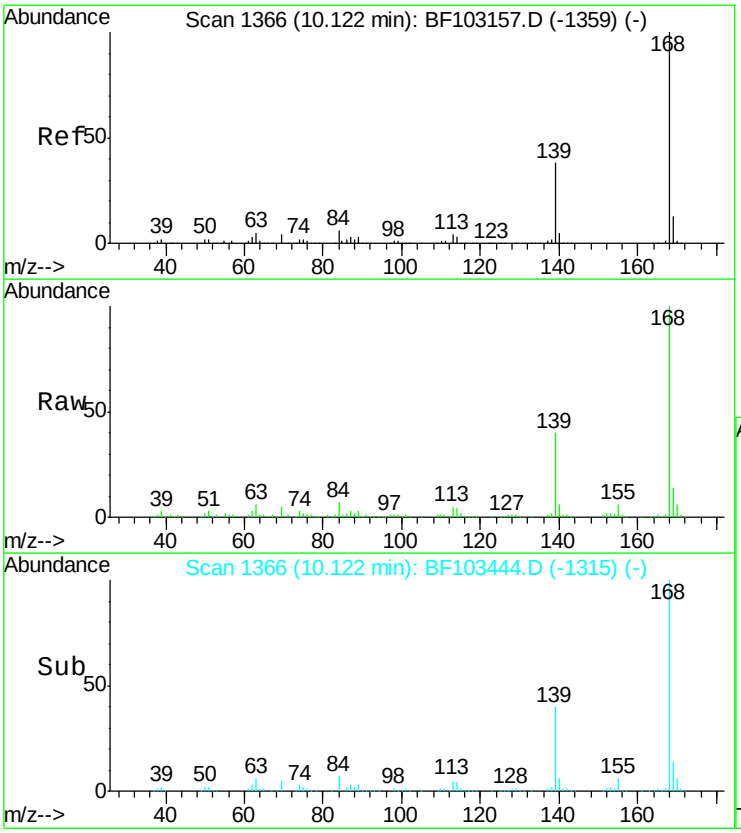
#51
Acenaphthene
Concen: 12.701 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF103444.D
Acq: 6 Mar 2018 8:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 145589

Ion	Ratio	Lower	Upper
154	100		
153	114.7	91.2	136.8
152	55.7	43.8	65.8

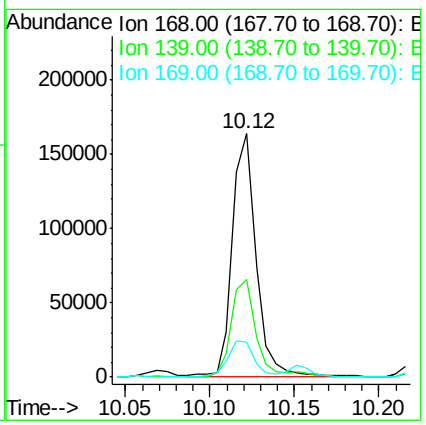


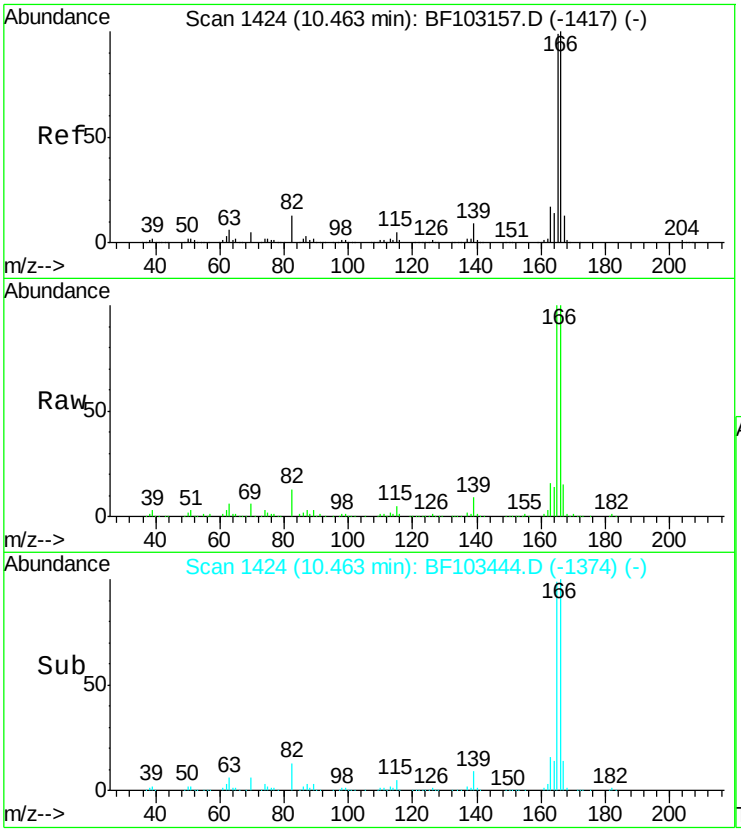


#54
Dibenzofuran
Concen: 10.108 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BF103444.D
Acq: 6 Mar 2018 8:59

Tgt Ion:168 Resp: 159046

Ion	Ratio	Lower	Upper
168	100		
139	40.3	30.1	45.1
169	14.2	10.9	16.3



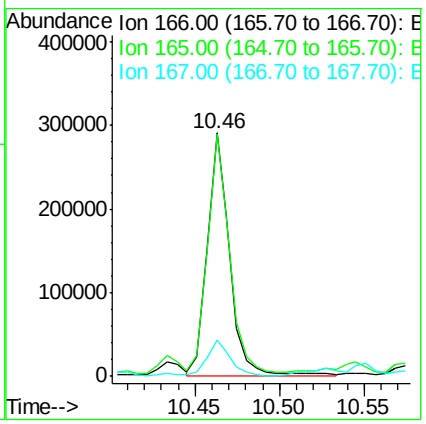


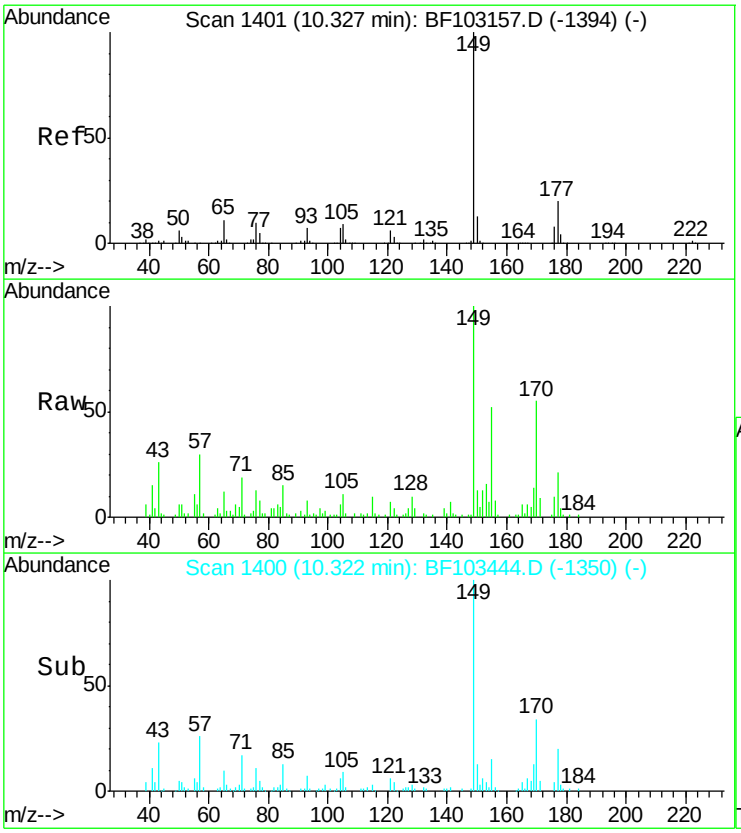
#57
Fluorene
Concen: 20.140 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF103444.D
Acq: 6 Mar 2018 8:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 269957

Ion	Ratio	Lower	Upper
166	100		
165	99.6	79.8	119.8
167	14.7	10.6	16.0

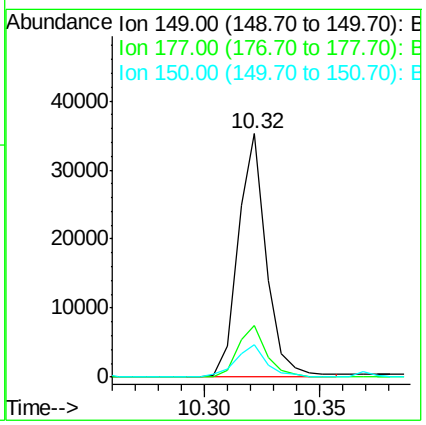


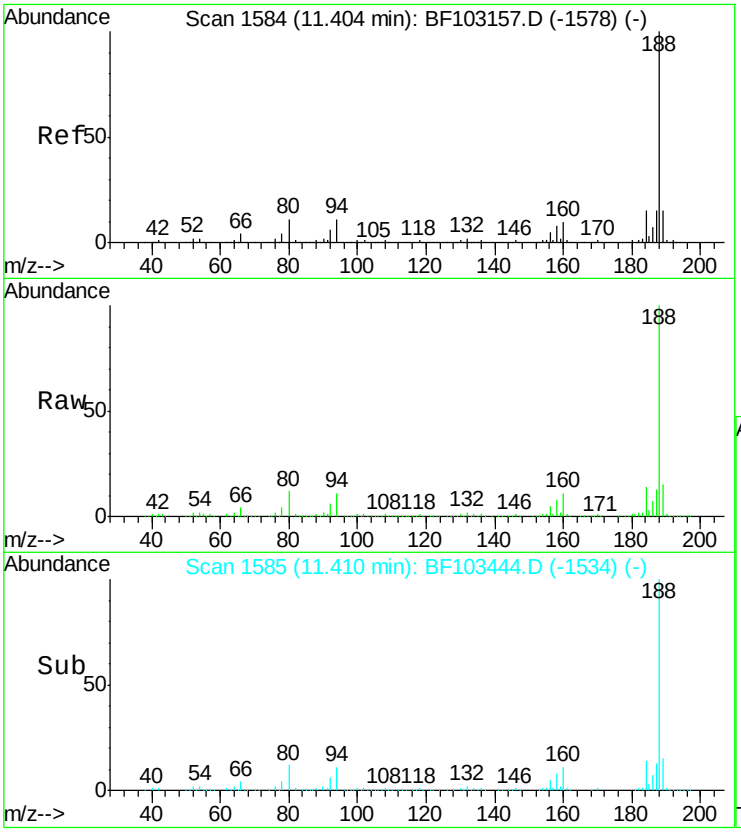


#59
Diethylphthalate
Concen: 2.033 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BF103444.D
Acq: 6 Mar 2018 8:59

Tgt Ion:149 Resp: 30060

Ion	Ratio	Lower	Upper
149	100		
177	21.4	16.1	24.1
150	13.3	10.1	15.1



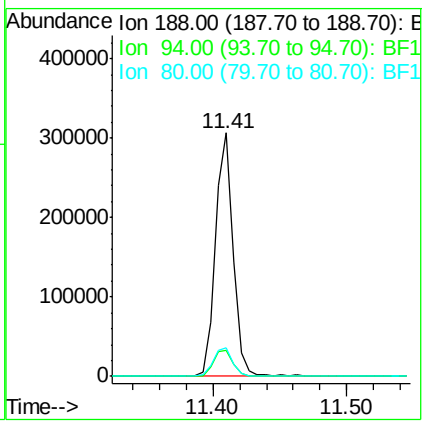


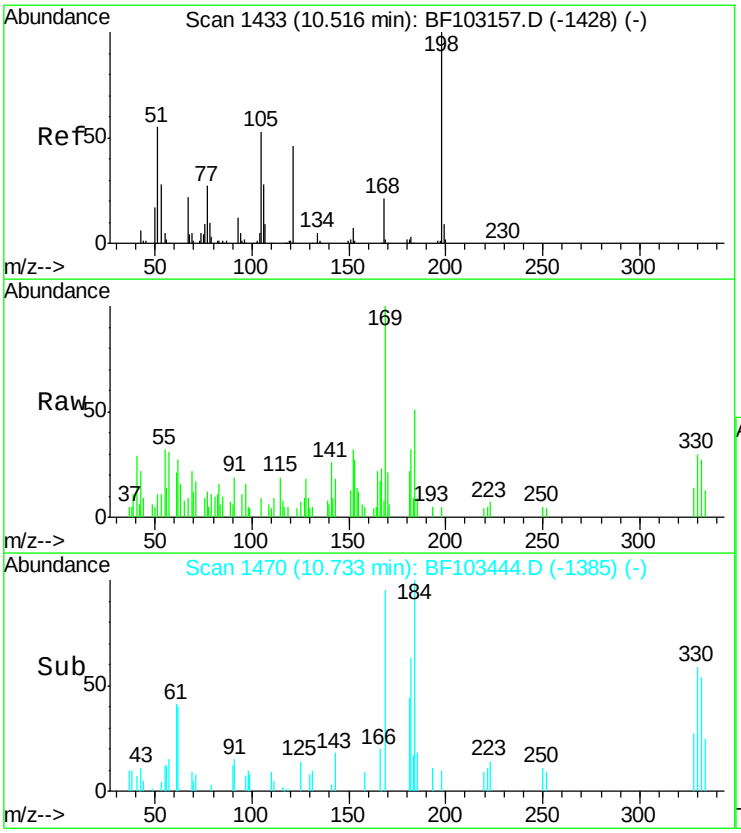
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF103444.D
Acq: 6 Mar 2018 8:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 286975

Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.5	12.7
80	11.7	9.2	13.8

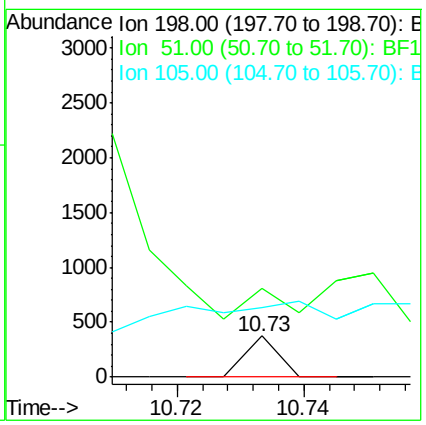


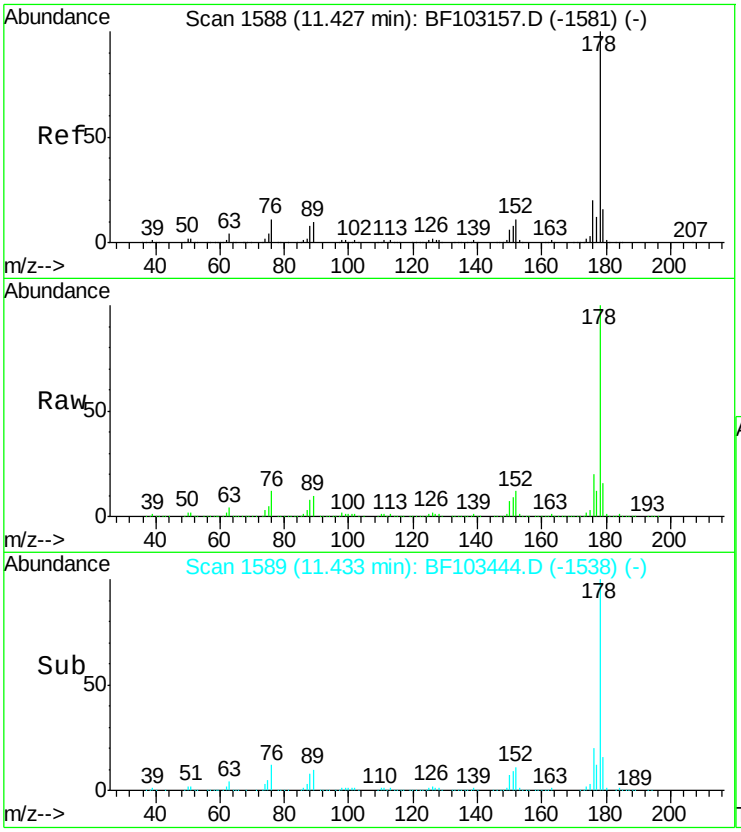


#64
4,6-Dinitro-2-methylphenol
Concen: 5.014 ng
RT: 10.73 min Scan# 1470
Delta R.T. 0.20 min
Lab File: BF103444.D
Acq: 6 Mar 2018 8:59

Tgt Ion:198 Resp: 133

Ion	Ratio	Lower	Upper
198	100		
51	214.6	37.7	77.7#
105	168.4	36.3	76.3#



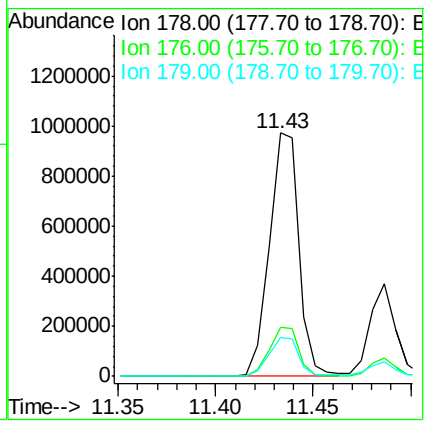


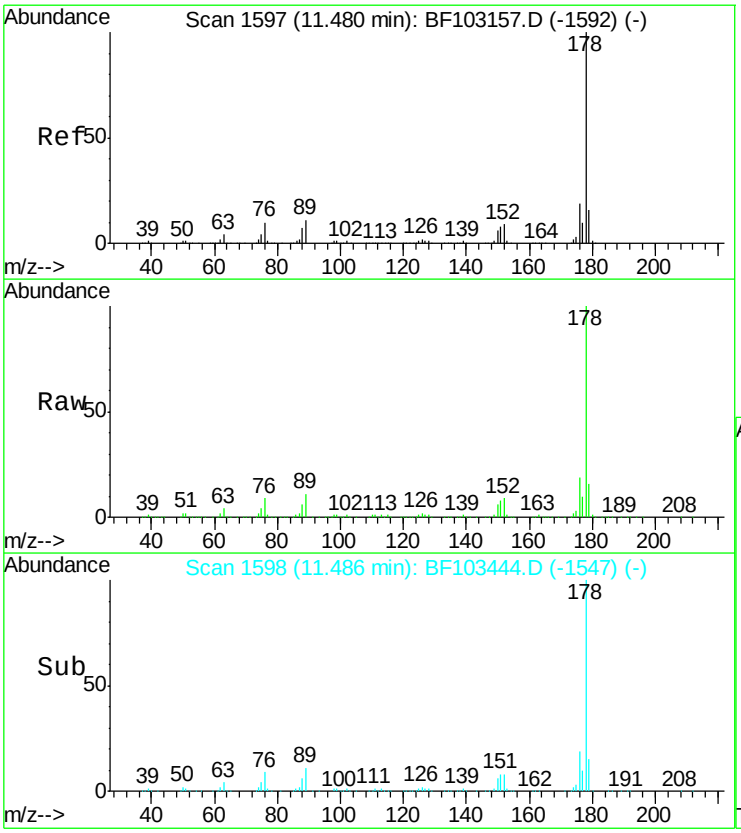
#70
Phenanthrene
Concen: 64.377 ng
RT: 11.43 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BF103444.D
Acq: 6 Mar 2018 8:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 1016712

Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.8	23.8
179	16.0	13.0	19.6

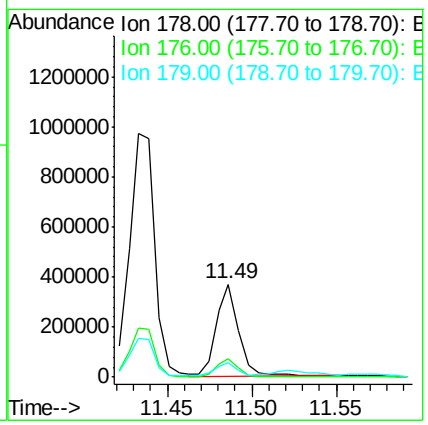


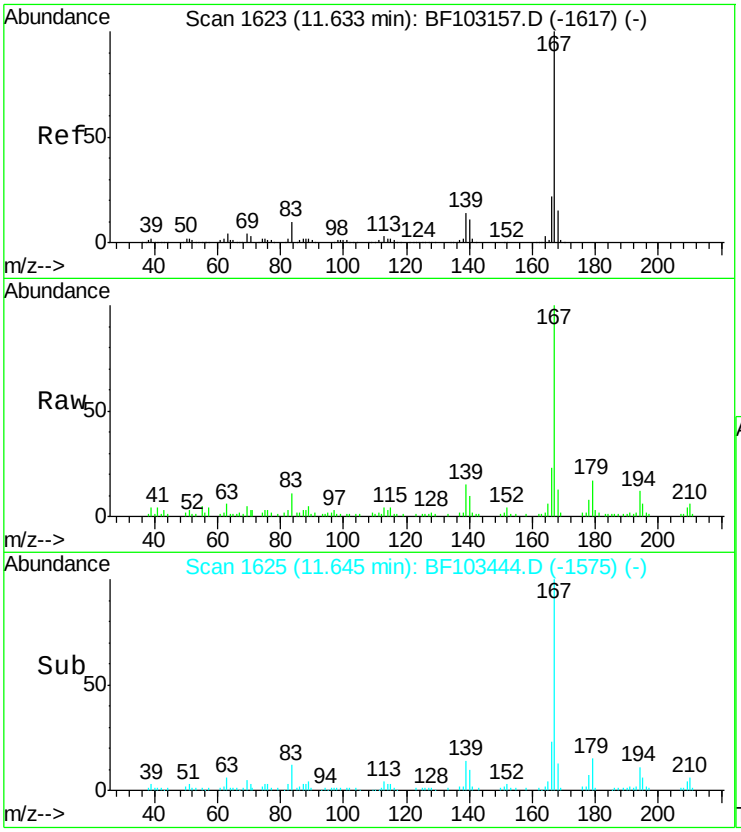


#71
Anthracene
Concen: 21.433 ng
RT: 11.49 min Scan# 1598
Delta R.T. 0.00 min
Lab File: BF103444.D
Acq: 6 Mar 2018 8:59

Tgt Ion:178 Resp: 347099

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	15.7	12.6	19.0



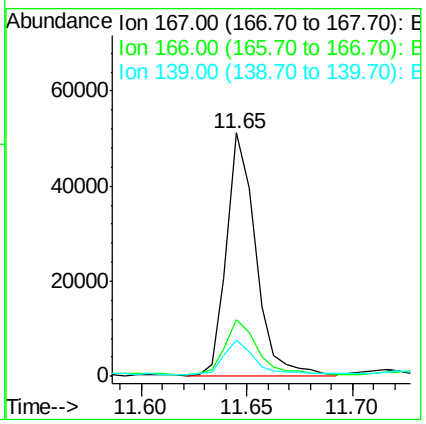


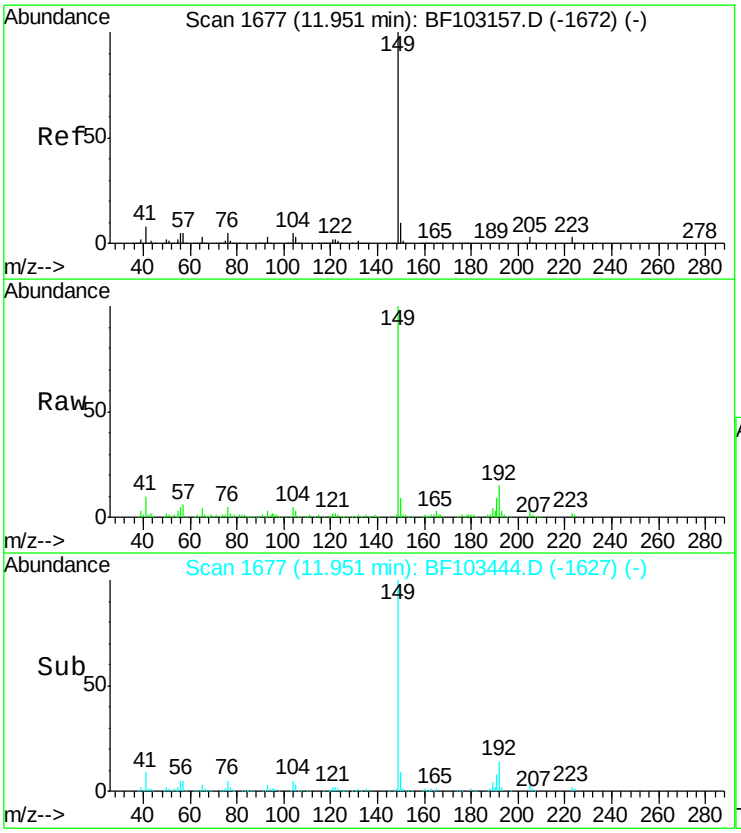
#72
Carbazole
Concen: 3.069 ng
RT: 11.65 min Scan# 1625
Delta R.T. -0.01 min
Lab File: BF103444.D
Acq: 6 Mar 2018 8:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 49494

Ion	Ratio	Lower	Upper
167	100		
166	23.2	17.6	26.4
139	14.8	10.9	16.3

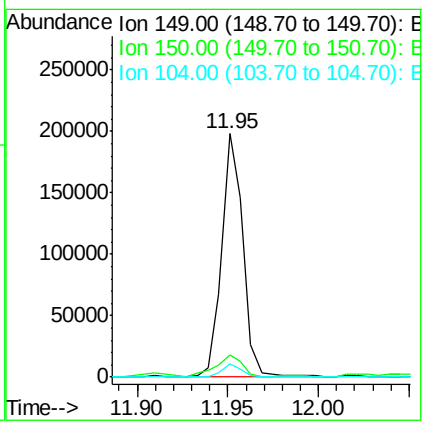


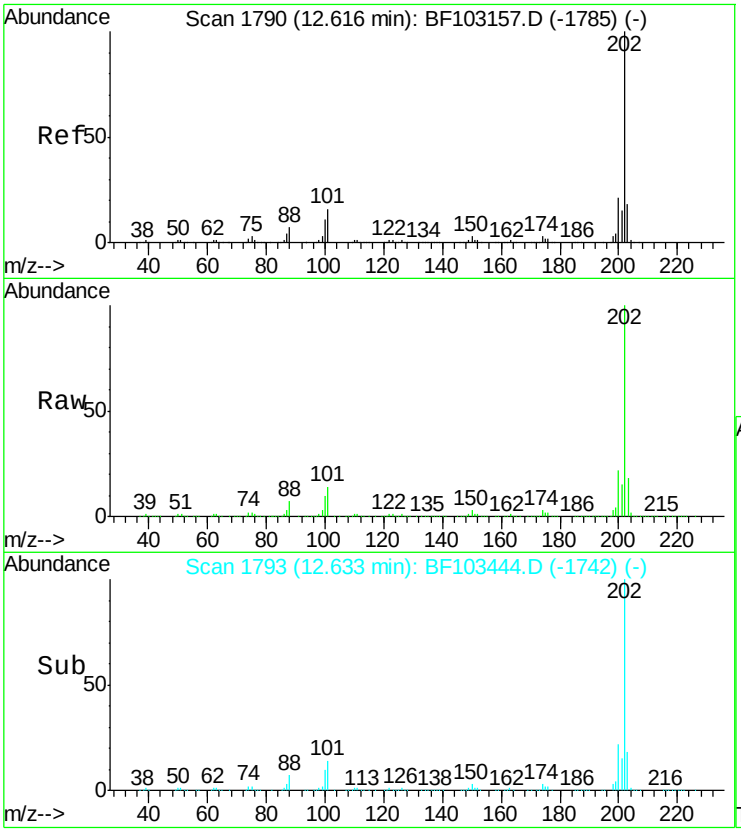


#73
Di-n-butylphthalate
Concen: 8.010 ng
RT: 11.95 min Scan# 1677
Delta R.T. -0.01 min
Lab File: BF103444.D
Acq: 6 Mar 2018 8:59

Tgt Ion:149 Resp: 161643

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.8	11.6
104	5.3	3.8	5.8



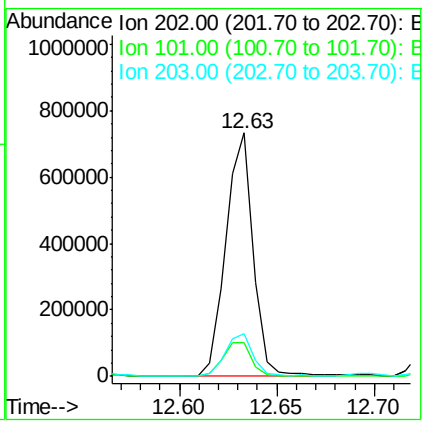


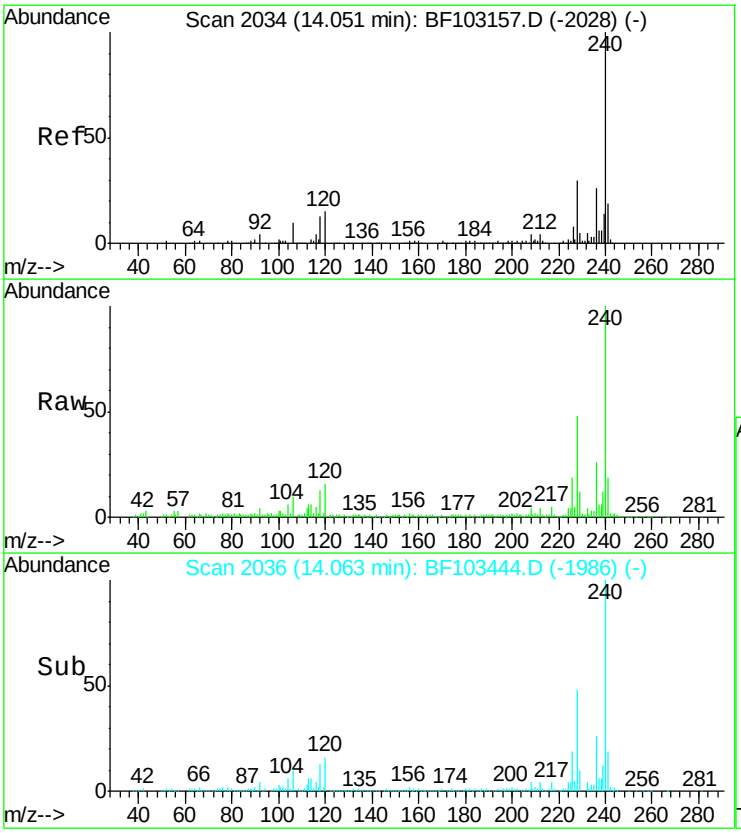
#74
Fluoranthene
Concen: 44.650 ng
RT: 12.63 min Scan# 1793
Delta R.T. 0.00 min
Lab File: BF103444.D
Acq: 6 Mar 2018 8:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 708611

Ion	Ratio	Lower	Upper
202	100		
101	14.0	0.0	34.1
203	17.6	0.0	38.1

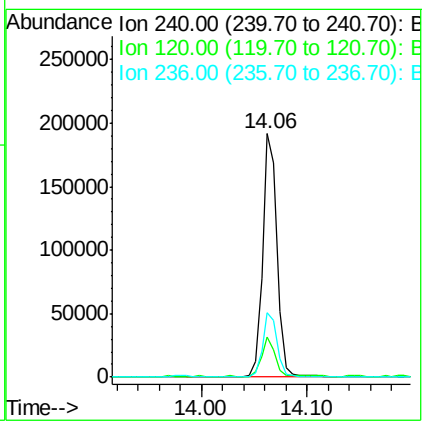


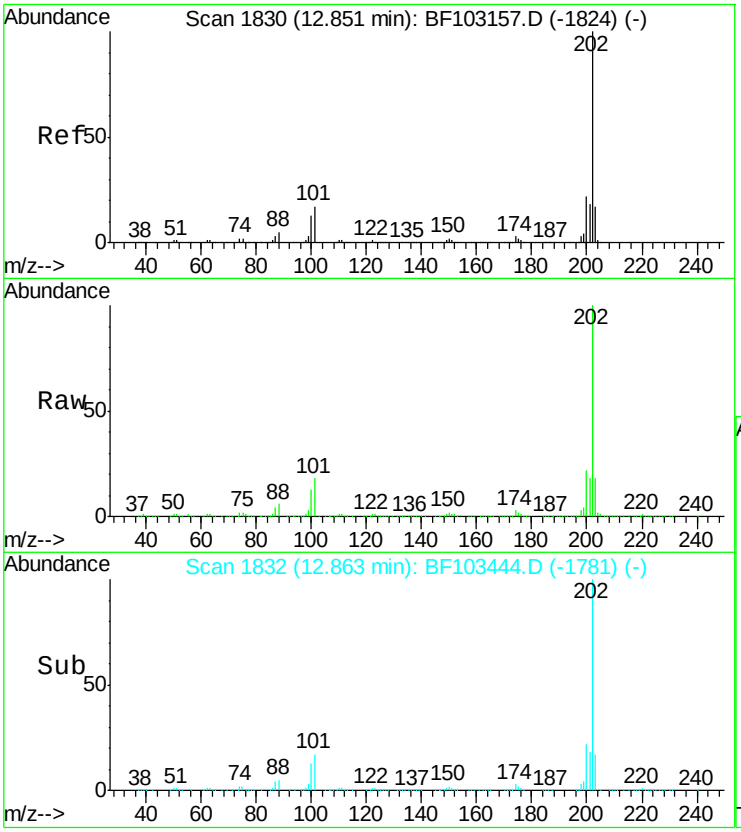


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF103444.D
Acq: 6 Mar 2018 8:59

Tgt Ion:240 Resp: 185658

Ion	Ratio	Lower	Upper
240	100		
120	16.2	9.5	14.3#
236	26.5	20.7	31.1



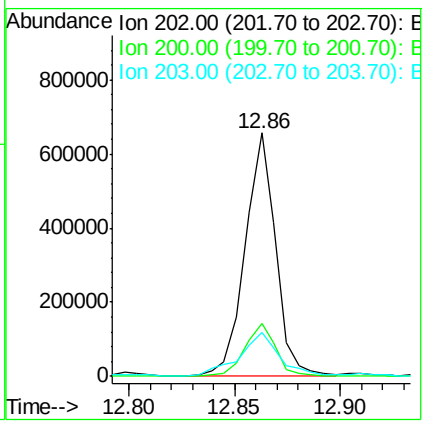


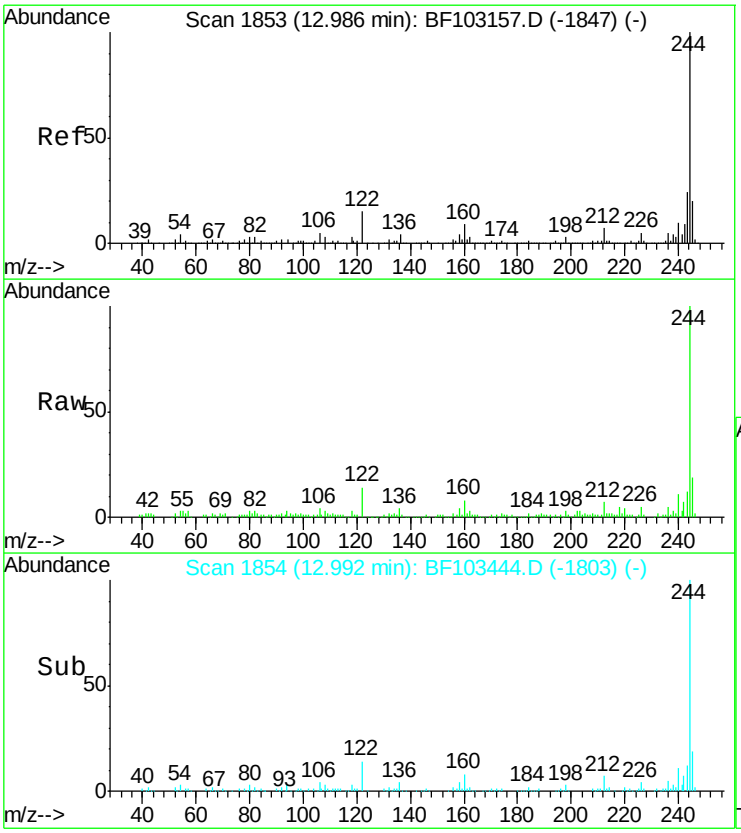
#77
Pyrene
Concen: 45.434 ng
RT: 12.86 min Scan# 1832
Delta R.T. 0.00 min
Lab File: BF103444.D
Acq: 6 Mar 2018 8:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 657659

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.4	26.2
203	18.0	14.3	21.5

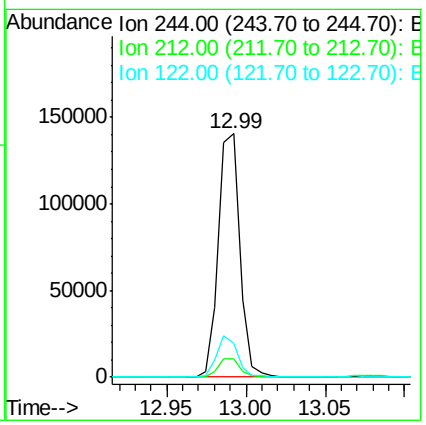


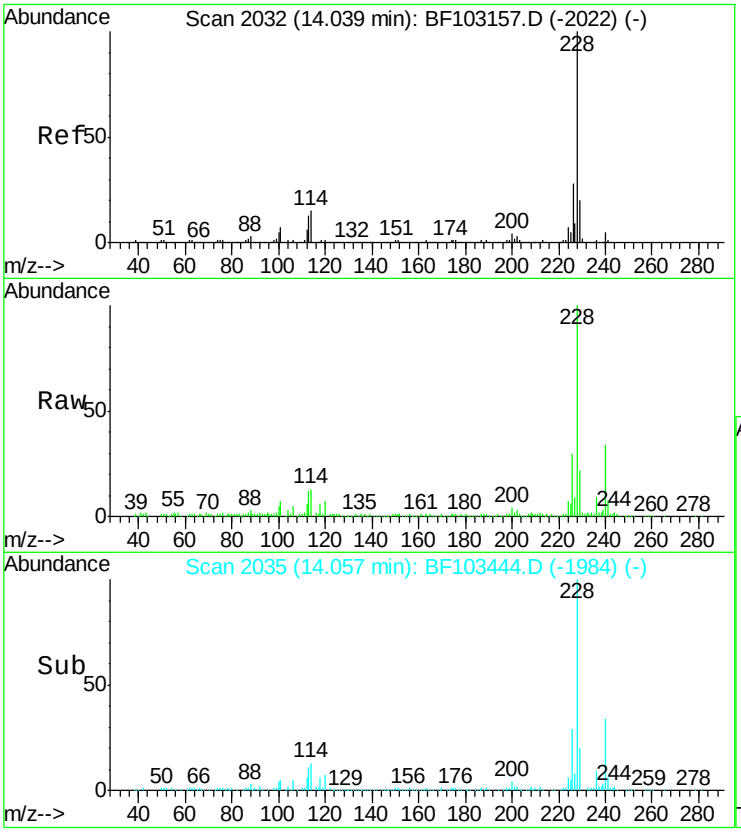


#78
Terphenyl-d14
Concen: 17.188 ng
RT: 12.99 min Scan# 1854
Delta R.T. 0.00 min
Lab File: BF103444.D
Acq: 6 Mar 2018 8:59

Tgt Ion:244 Resp: 132751

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	13.8	11.0	16.4



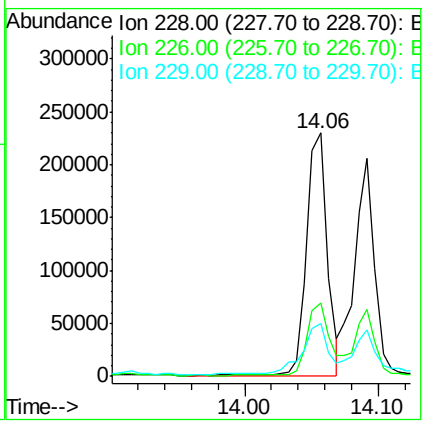


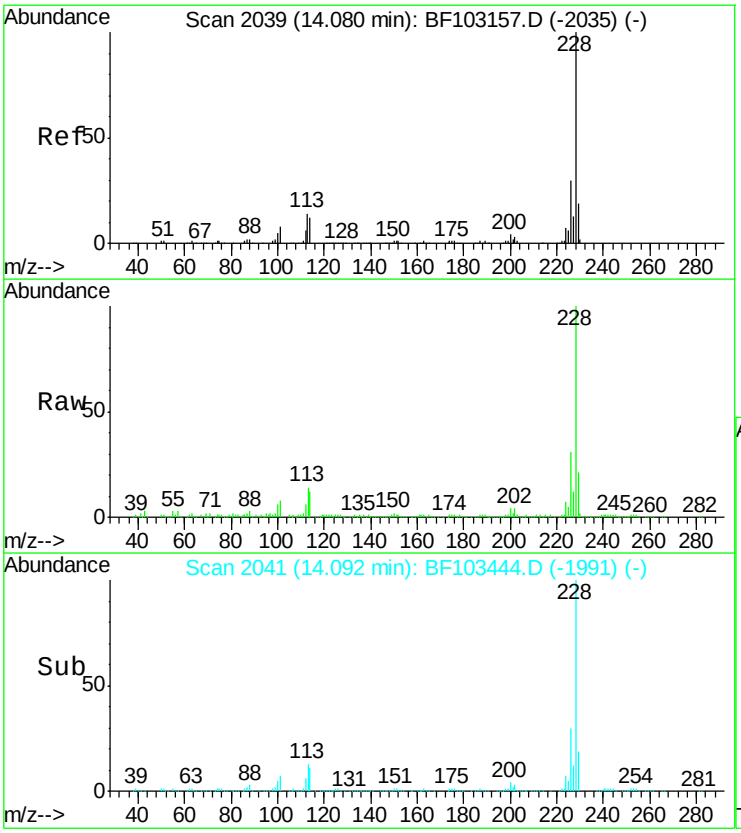
#80
Benzo(a)anthracene
Concen: 20.030 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.00 min
Lab File: BF103444.D
Acq: 6 Mar 2018 8:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 241281

Ion	Ratio	Lower	Upper
228	100		
226	29.9	22.6	33.8
229	22.0	15.8	23.6

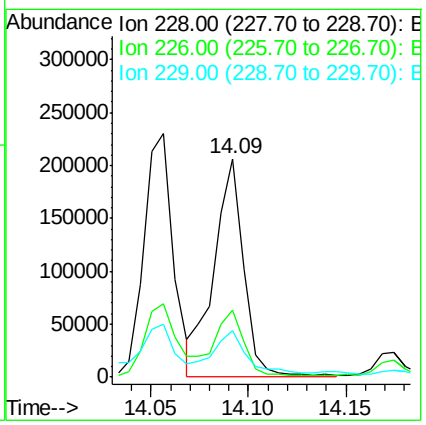


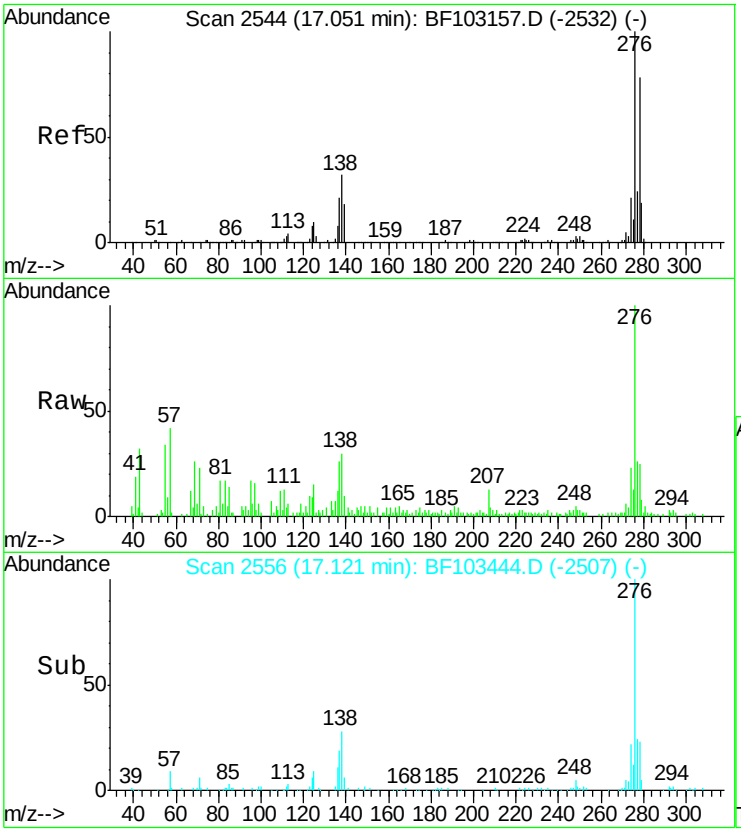


#82
Chrysene
Concen: 18.521 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BF103444.D
Acq: 6 Mar 2018 8:59

Tgt Ion:228 Resp: 216637

Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	21.2	16.2	24.4



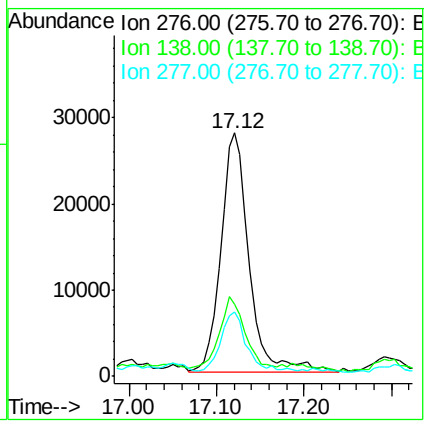


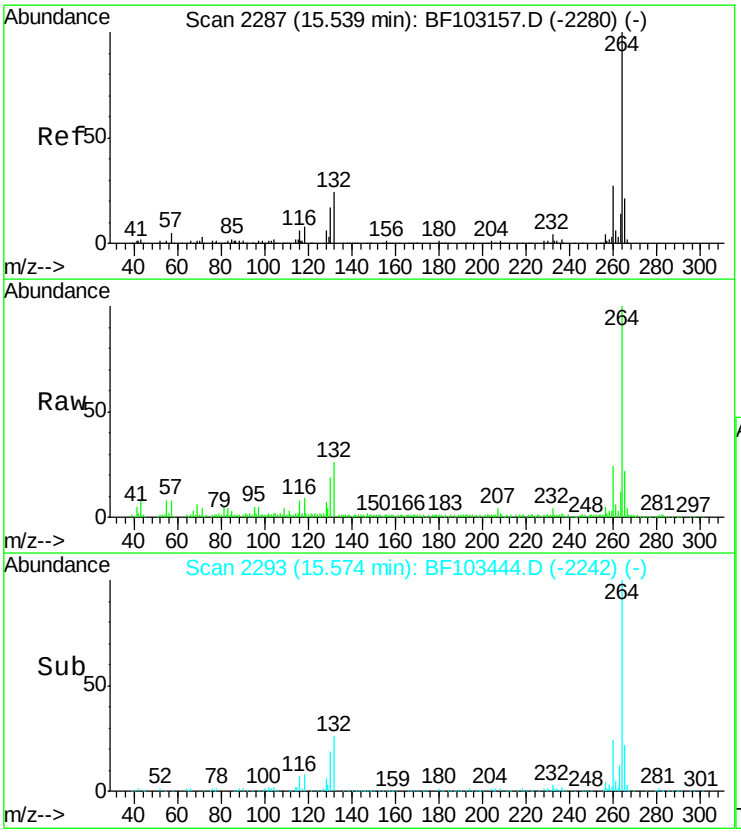
#85
Indeno(1,2,3-cd)pyrene
Concen: 6.590 ng
RT: 17.12 min Scan# 2556
Delta R.T. -0.01 min
Lab File: BF103444.D
Acq: 6 Mar 2018 8:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 61026

Ion	Ratio	Lower	Upper
276	100		
138	27.6	25.0	37.6
277	22.4	20.1	30.1

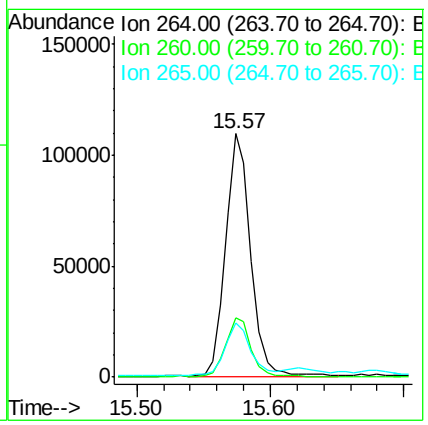


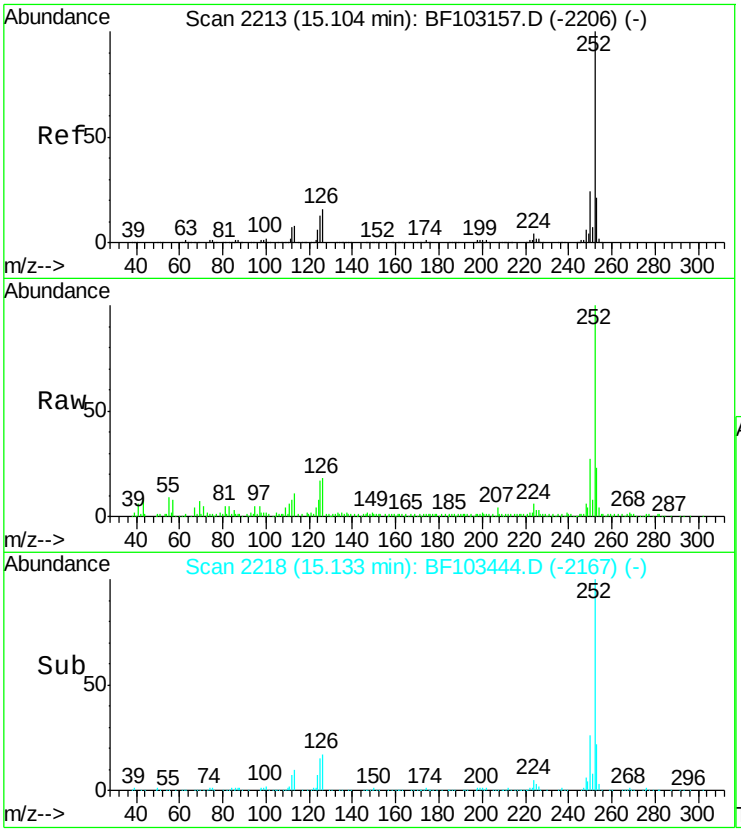


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: BF103444.D
Acq: 6 Mar 2018 8:59

Tgt Ion:264 Resp: 144015

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	22.4	17.5	26.3



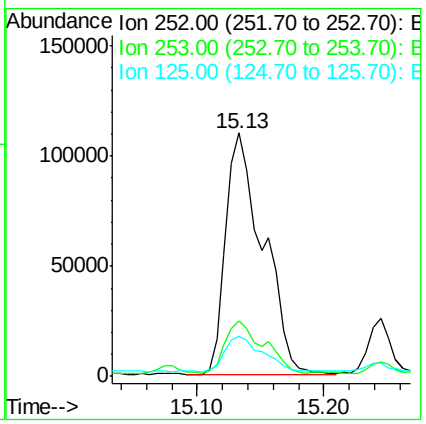


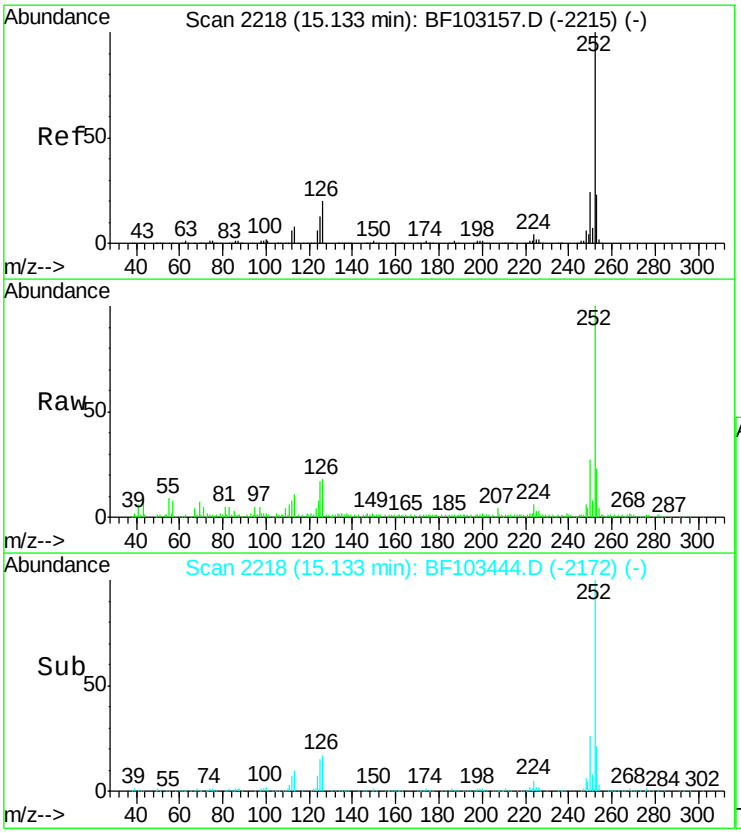
#87
Benzo(b)fluoranthene
Concen: 23.708 ng
RT: 15.13 min Scan# 2218
Delta R.T. 0.00 min
Lab File: BF103444.D
Acq: 6 Mar 2018 8:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 224486

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.0	25.6
125	16.7	9.0	13.6#

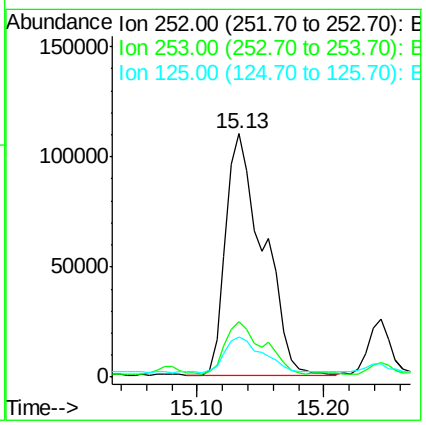


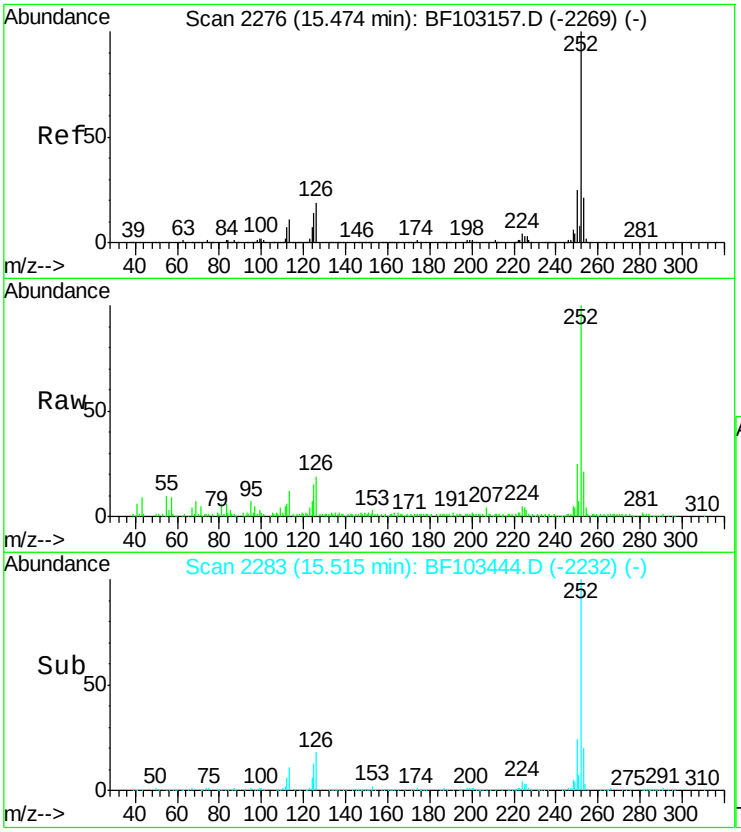


#88
Benzo(k)fluoranthene
Concen: 25.188 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.03 min
Lab File: BF103444.D
Acq: 6 Mar 2018 8:59

Tgt Ion:252 Resp: 224585

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	16.7	10.2	15.2#



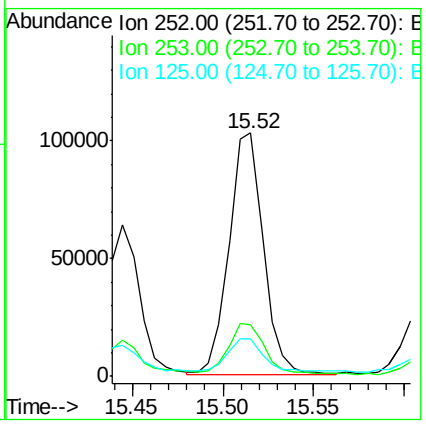


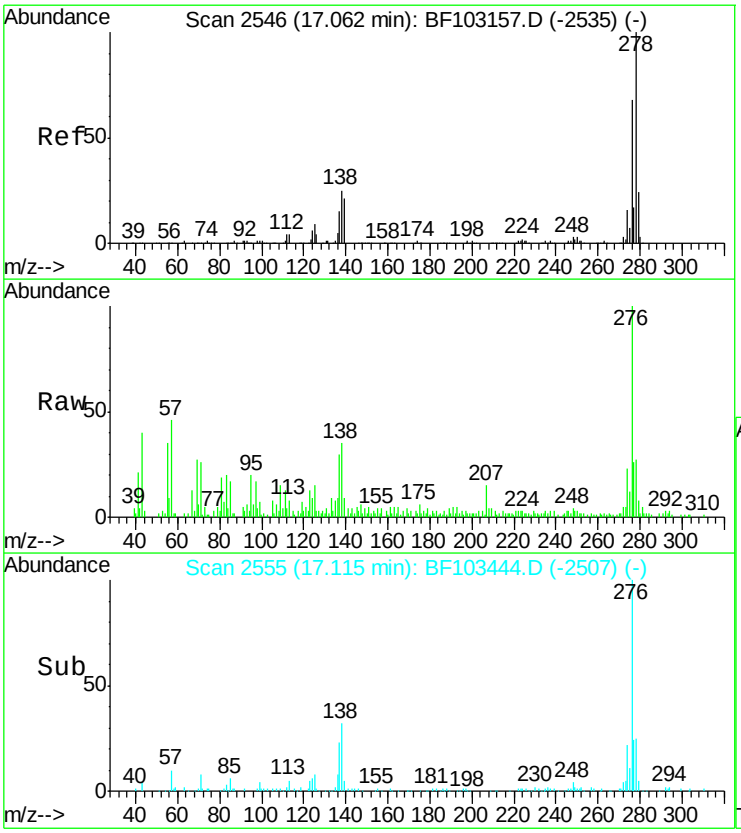
#89
Benzo(a)pyrene
Concen: 15.980 ng
RT: 15.52 min Scan# 2283
Delta R.T. 0.00 min
Lab File: BF103444.D
Acq: 6 Mar 2018 8:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 135119

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.1	25.7
125	15.2	9.8	14.6#

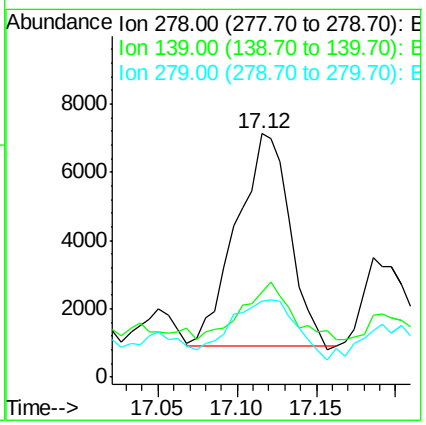


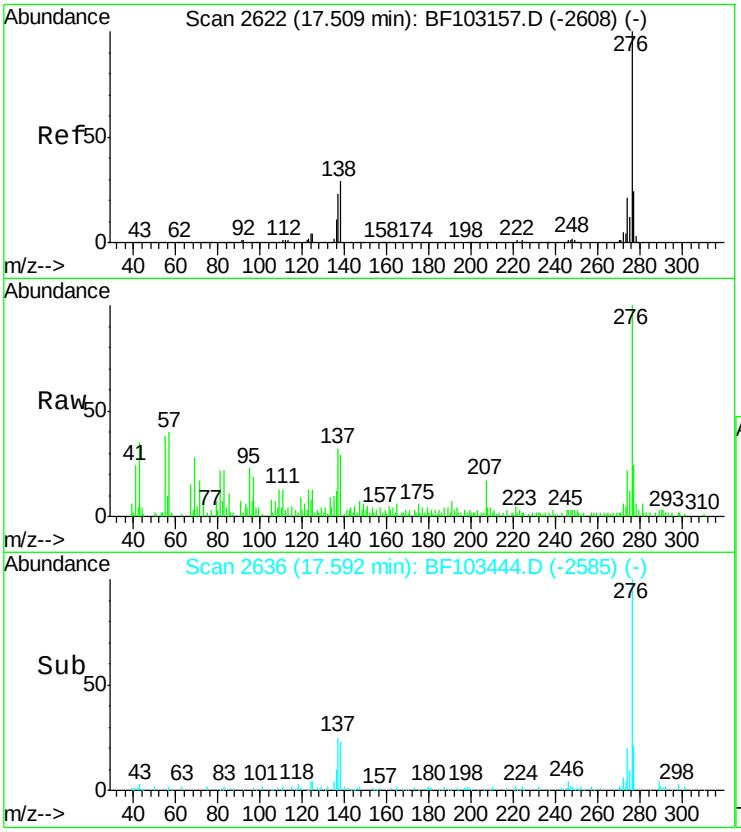


#90
Dibenzo(a,h)anthracene
Concen: 2.215 ng
RT: 17.12 min Scan# 2555
Delta R.T. -0.02 min
Lab File: BF103444.D
Acq: 6 Mar 2018 8:59

Tgt Ion:278 Resp: 14472

Ion	Ratio	Lower	Upper
278	100		
139	34.8	15.9	23.9#
279	31.4	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 8.614 ng
RT: 17.59 min Scan# 2636
Delta R.T. 0.00 min
Lab File: BF103444.D
Acq: 6 Mar 2018 8:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 55006

Ion	Ratio	Lower	Upper
276	100		
277	24.2	17.9	26.9
138	29.0	21.8	32.8