Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030818\
Data File : BF103529.D
Acq On : 8 Mar 2018 20:55
Operator : SJ/JU
Sample : J1823-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 08 23:54:06 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 08 14:20:19 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	128026	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	516788	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	213214	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	295755	20.00	ng		0.00
75) Chrysene-d12	14.06	240	183150	20.00	ng		0.00
86) Perylene-d12	15.57	264	152636	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	649212	76.69	ng		0.00
7) Phenol-d6	6.50	99	835022	80.62	ng		0.00
23) Nitrobenzene-d5	7.43	82	477133	52.73	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	95202	52.75	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	645821	46.53	ng		0.00
78) Terphenyl-d14	12.99	244	425242	55.81	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.38	77	616	Below Cal		#	1
25) Isophorone	7.43	82	473420	26.563	ng	#	65
31) Naphthalene	8.17	128	440710	17.419	ng		100
32) Benzoic acid	7.97	122	1371	7.134	ng	#	86
33) 4-Chloroaniline	8.17	127	58450	5.354	ng	#	38
37) 2-Methylnaphthalene	8.86	142	123155	7.532	ng		98
48) Acenaphthylene	9.77	152	44478	2.045	ng	#	90
51) Acenaphthene	9.94	154	216539	17.075	ng		98
53) 2,4-Dinitrophenol	10.16	184	109	9.695	ng	#	1
54) Dibenzofuran	10.12	168	261357	15.014	ng		96
57) Fluorene	10.46	166	364734	24.595	ng		99
64) 4,6-Dinitro-2-methylphenol	10.52	198	112	5.001	ng	#	1
66) 4-Bromophenyl-phenylether	10.70	248	6964	2.260	ng	#	1
70) Phenanthrene	11.43	178	1683928	103.459	ng		99
71) Anthracene	11.48	178	585907	35.105	ng		98
72) Carbazole	11.64	167	340602	20.493	ng		98
73) Di-n-butylphthalate	11.94	149	160855	7.734	ng		98
74) Fluoranthene	12.63	202	1549410	94.731	ng		99
77) Pyrene	12.86	202	1303904	91.313	ng		98
80) Benzo(a)anthracene	14.06	228	651967	54.863	ng		99
82) Chrysene	14.09	228	587577	50.923	ng		97
85) Indeno(1,2,3-cd)pyrene	17.12	276	170078	18.619	ng	#	92
87) Benzo(b)fluoranthene	15.13	252	717290	71.474	ng	#	93
88) Benzo(k)fluoranthene	15.13	252	717290	75.902	ng		96
89) Benzo(a)pyrene	15.51	252	354239	39.527	ng	#	95
90) Dibenzo(a,h)anthracene	17.12	278	46924	6.776	ng	#	77
91) Benzo(g,h,i)perylene	17.59	276	139074	20.549	ng		96

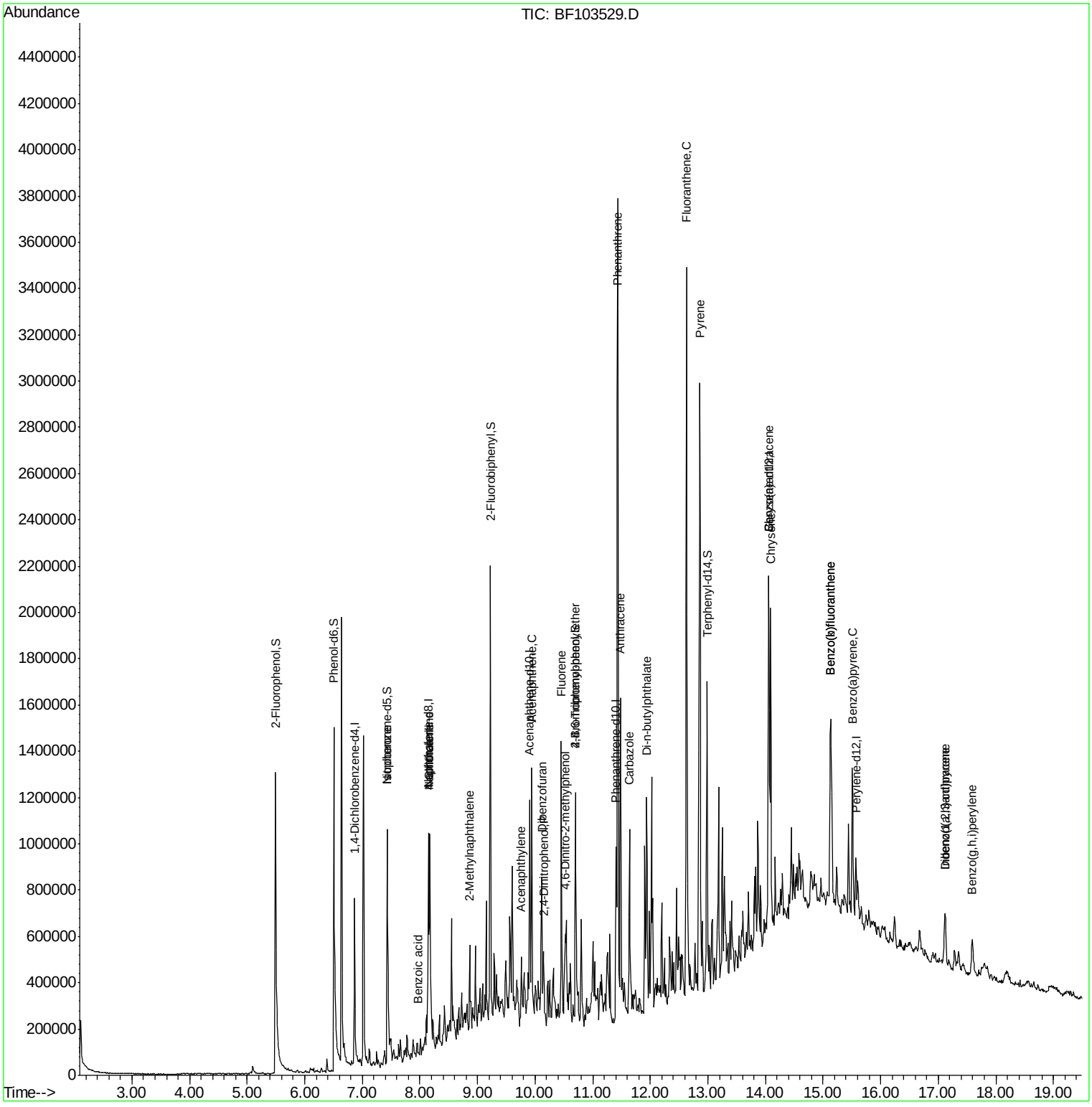
(#) = qualifier out of range (m) = manual integration (+) = signals summed

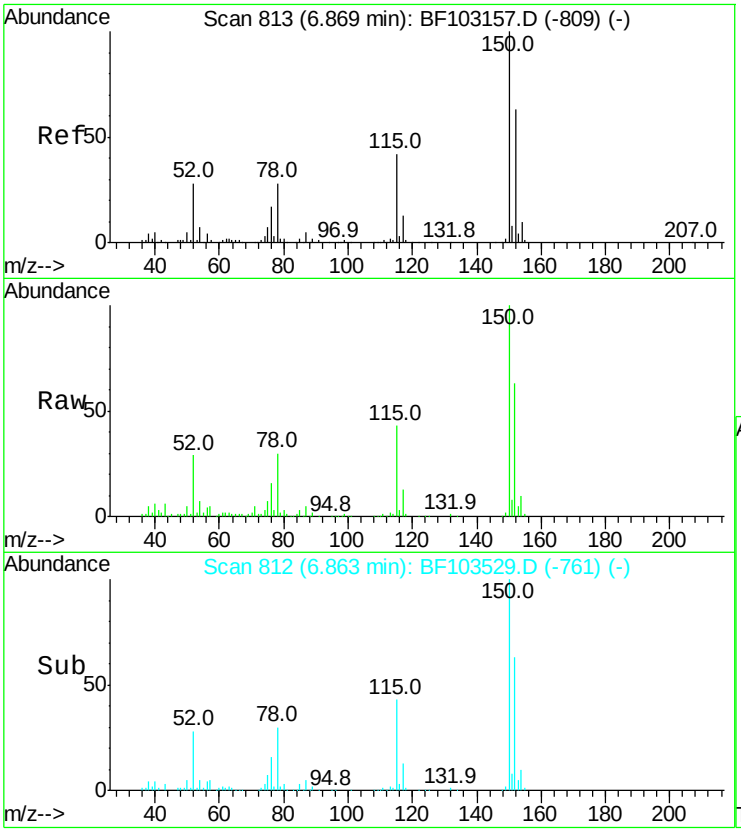
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030818\
Data File : BF103529.D
Acq On : 8 Mar 2018 20:55
Operator : SJ/JU
Sample : J1823-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 08 23:54:06 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 08 14:20:19 2018
Response via : Initial Calibration



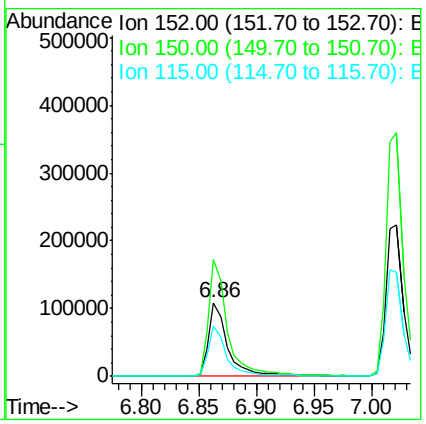


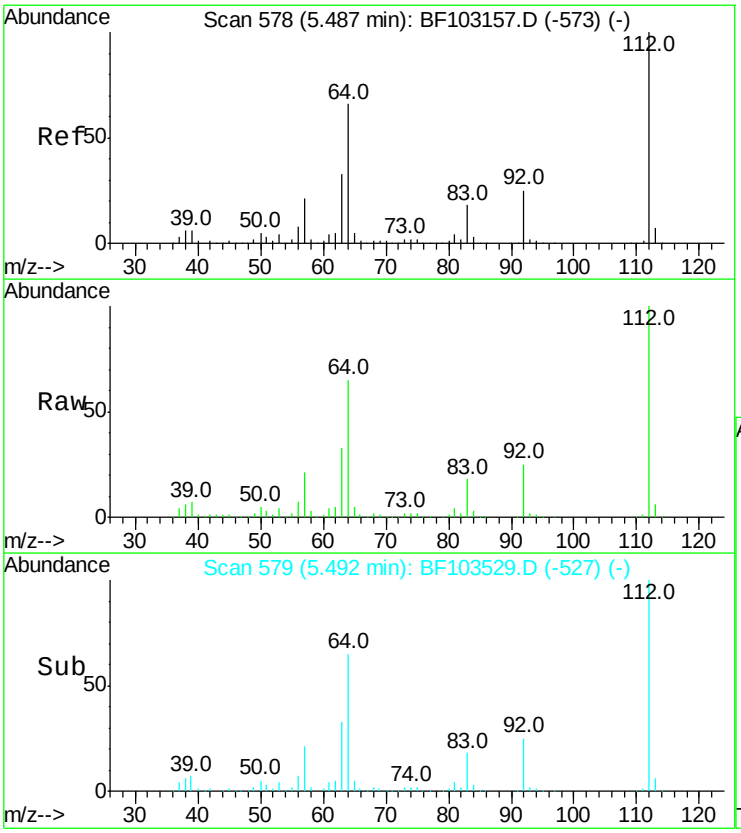
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF103529.D
Acq: 8 Mar 2018 20:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 128026

Ion	Ratio	Lower	Upper
152	100		
150	158.3	124.6	186.8
115	67.9	50.1	75.1

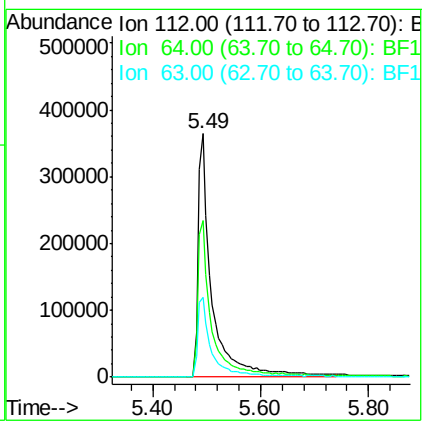


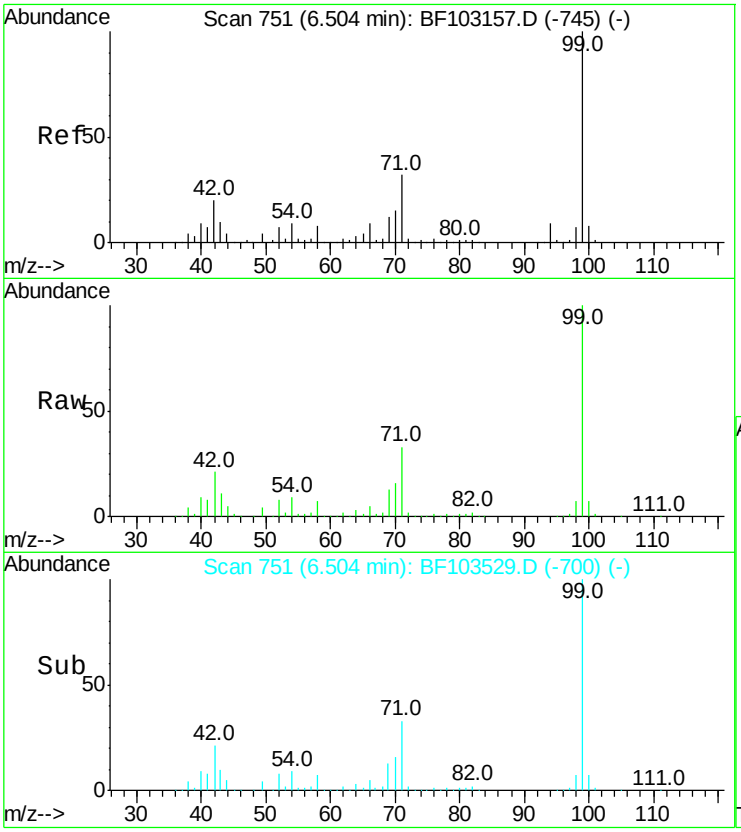


#5
2-Fluorophenol
Concen: 76.694 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF103529.D
Acq: 8 Mar 2018 20:55

Tgt Ion:112 Resp: 649212

Ion	Ratio	Lower	Upper
112	100		
64	64.5	47.9	71.9
63	32.6	23.7	35.5



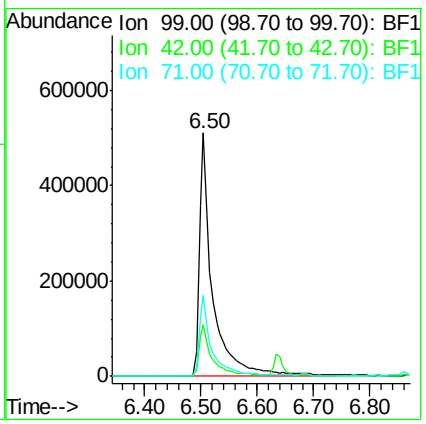


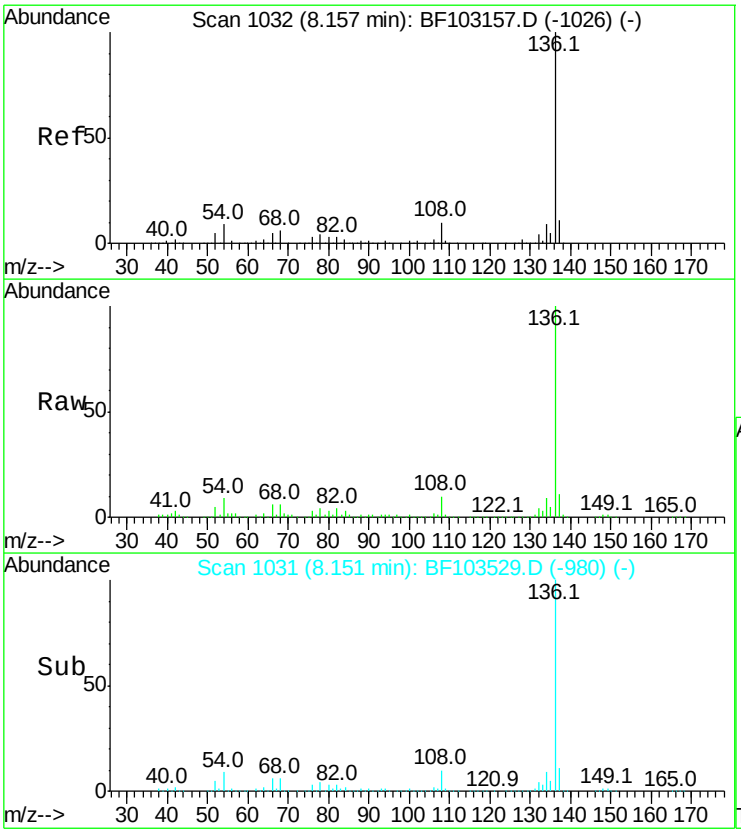
#7
Phenol-d6
Concen: 80.615 ng
RT: 6.50 min Scan# 751
Delta R.T. 0.00 min
Lab File: BF103529.D
Acq: 8 Mar 2018 20:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 835022

Ion	Ratio	Lower	Upper
99	100		
42	21.3	14.5	21.7
71	33.0	25.4	38.0

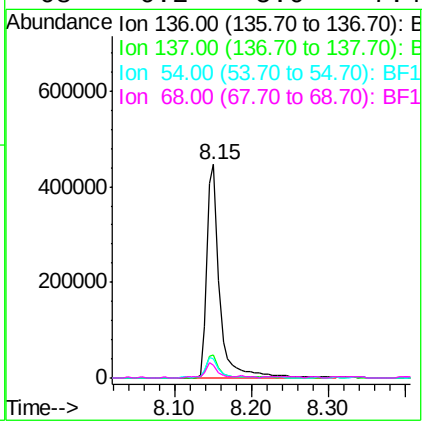


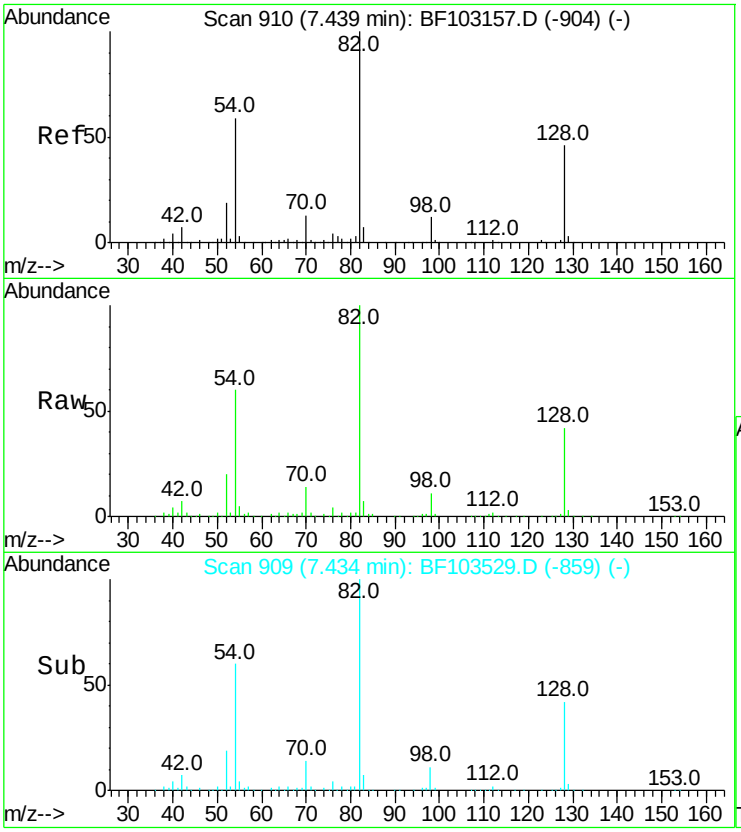


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF103529.D
Acq: 8 Mar 2018 20:55

Tgt Ion:136 Resp: 516788

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.9	6.6	9.8
68	6.2	5.0	7.4



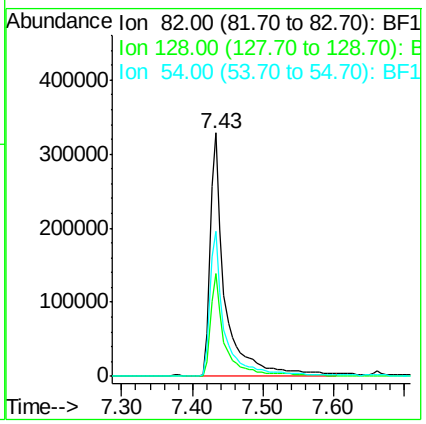


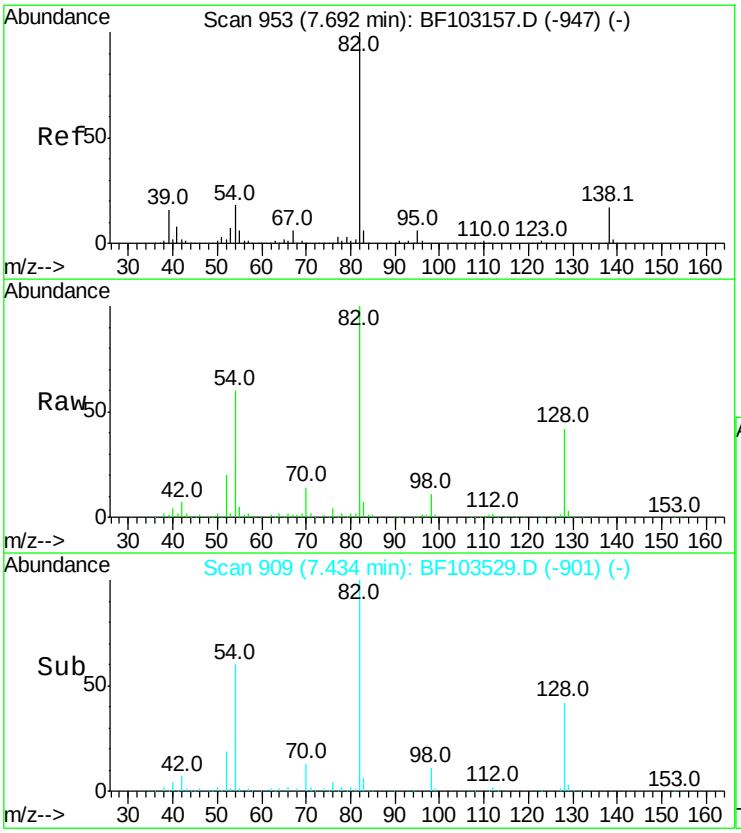
#23
Nitrobenzene-d5
Concen: 52.726 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF103529.D
Acq: 8 Mar 2018 20:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 477133

Ion	Ratio	Lower	Upper
82	100		
128	42.1	36.1	54.1
54	59.7	41.4	62.2

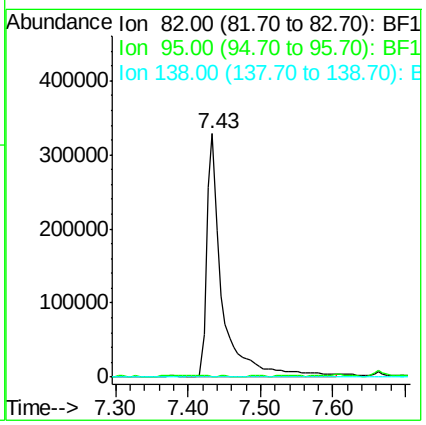


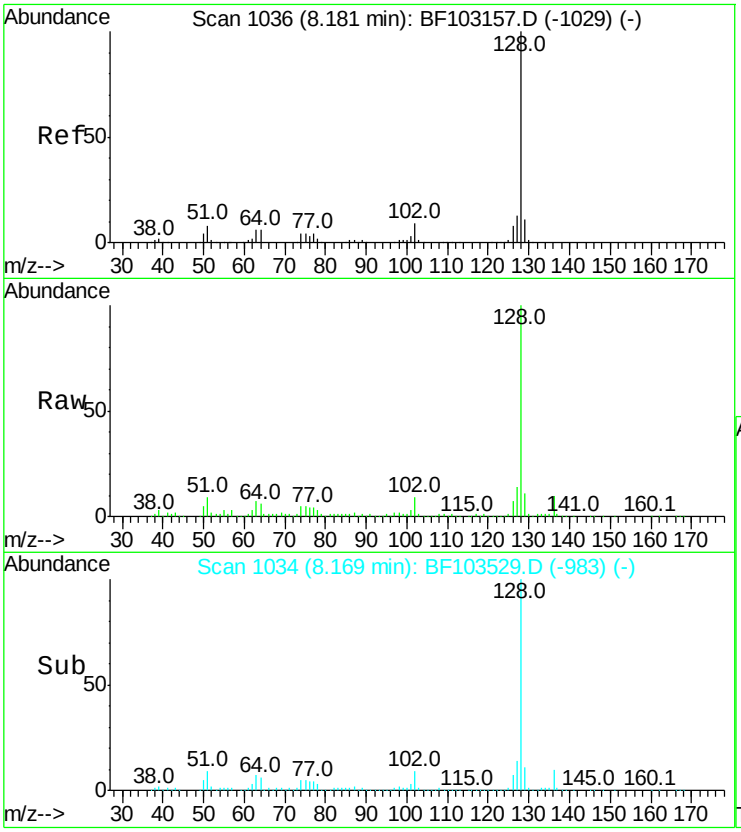


#25
Isophorone
Concen: 26.563 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.25 min
Lab File: BF103529.D
Acq: 8 Mar 2018 20:55

Tgt Ion: 82 Resp: 473420

Ion	Ratio	Lower	Upper
82	100		
95	0.3	5.2	7.8#
138	0.0	14.9	22.3#



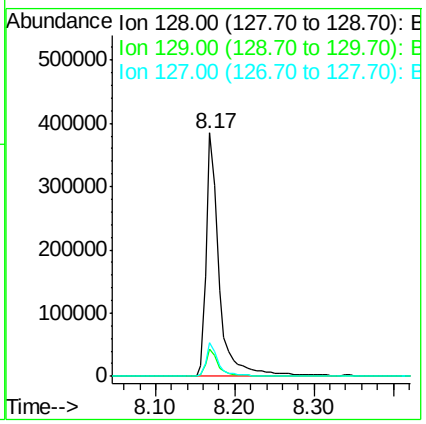


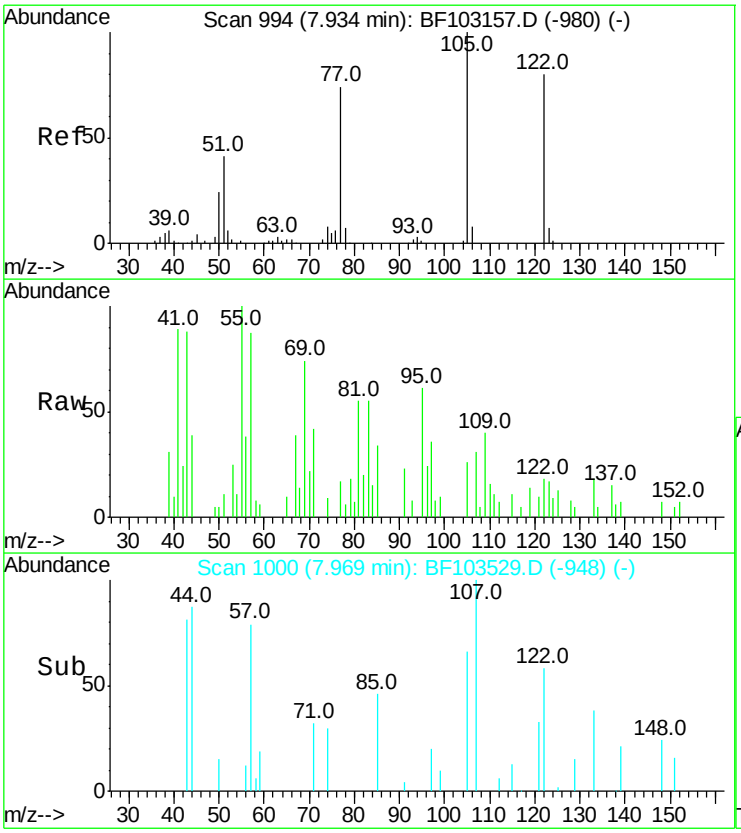
#31
Naphthalene
Concen: 17.419 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF103529.D
Acq: 8 Mar 2018 20:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 440710

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	13.6	10.9	16.3

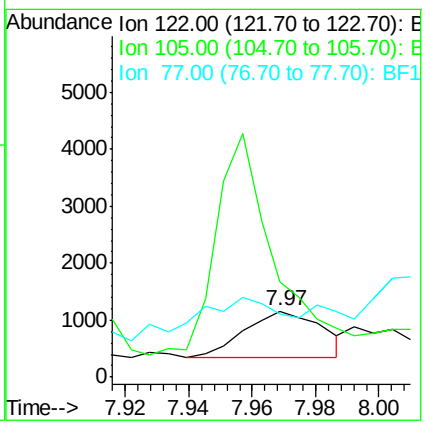


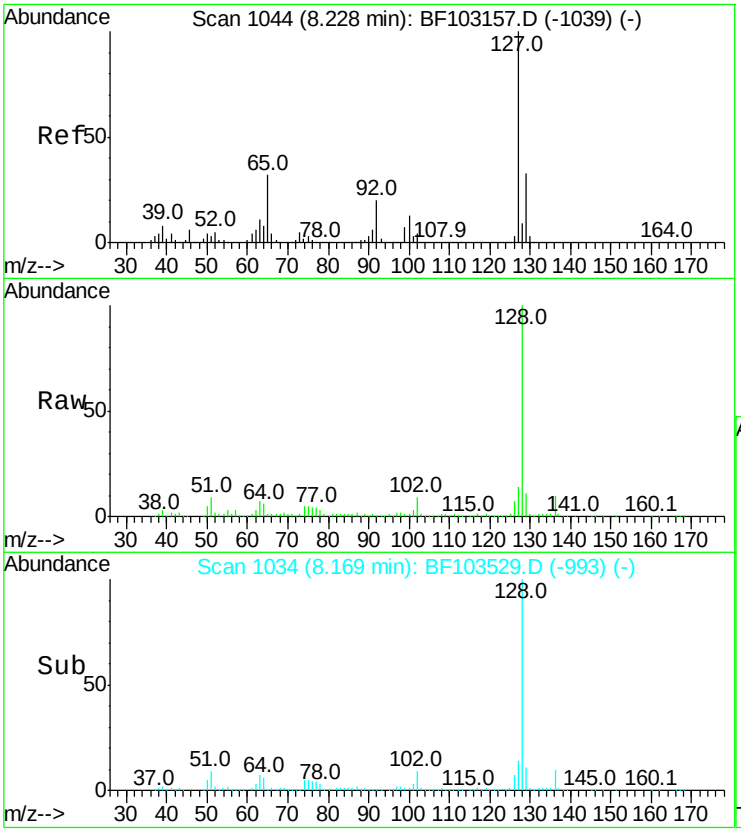


#32
Benzoic acid
Concen: 7.134 ng
RT: 7.97 min Scan# 1000
Delta R.T. 0.01 min
Lab File: BF103529.D
Acq: 8 Mar 2018 20:55

Tgt Ion:122 Resp: 1371

Ion	Ratio	Lower	Upper
122	100		
105	143.5	101.1	141.1#
77	95.8	70.7	110.7



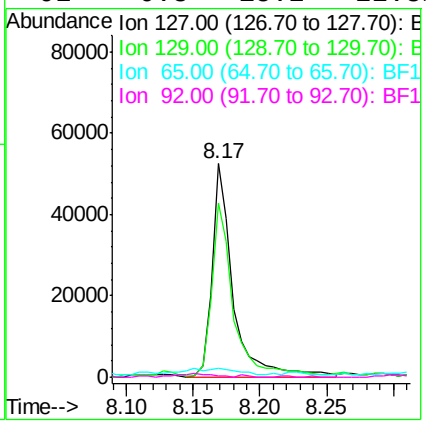


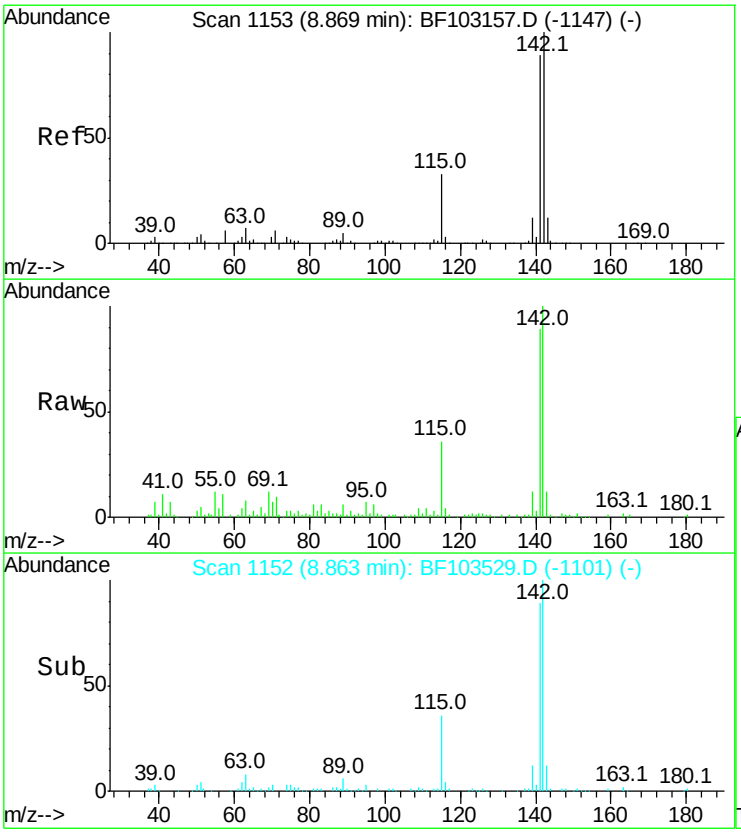
#33
4-Chloroaniline
Concen: 5.354 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.06 min
Lab File: BF103529.D
Acq: 8 Mar 2018 20:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:127 Resp: 58450

Ion	Ratio	Lower	Upper
127	100		
129	81.7	25.9	38.9#
65	4.2	25.0	37.4#
92	0.8	15.2	22.8#

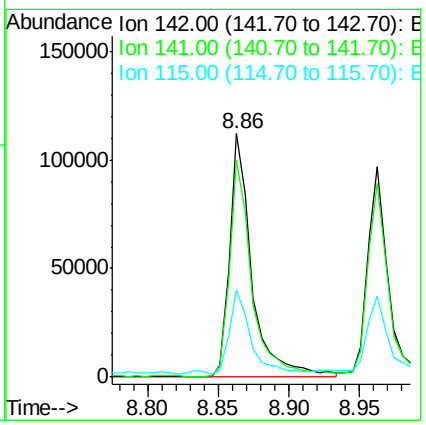


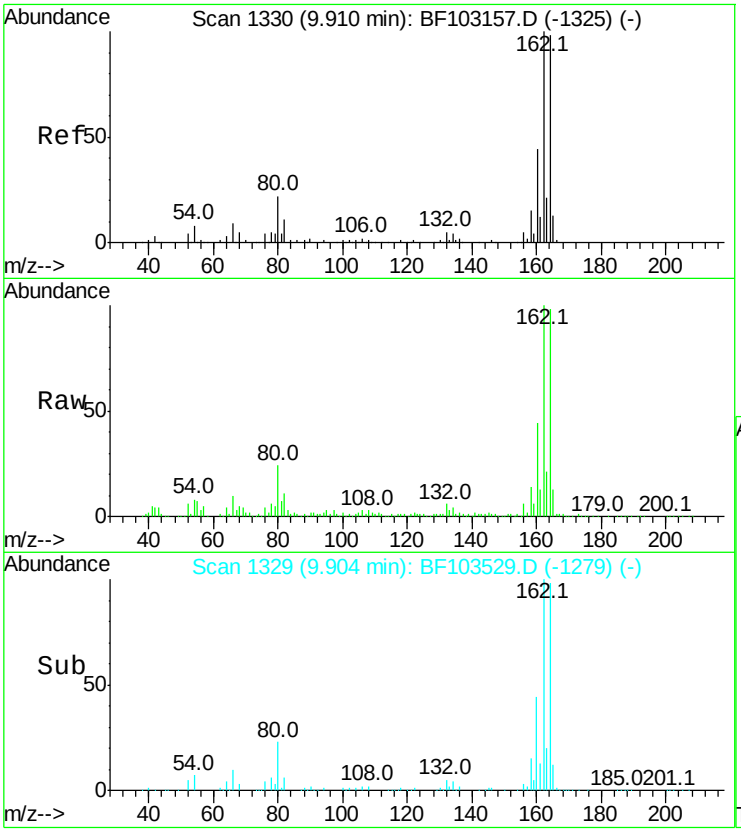


#37
2-Methylnaphthalene
Concen: 7.532 ng
RT: 8.86 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BF103529.D
Acq: 8 Mar 2018 20:55

Tgt Ion:142 Resp: 123155

Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.8	106.2
115	36.1	26.1	39.1



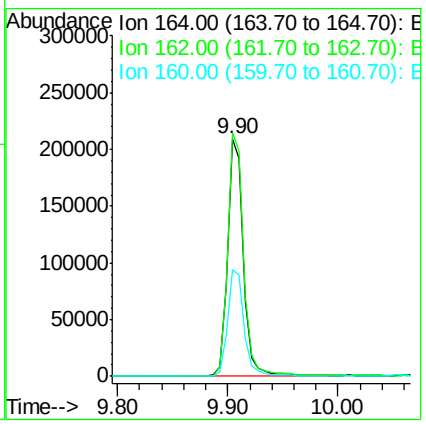


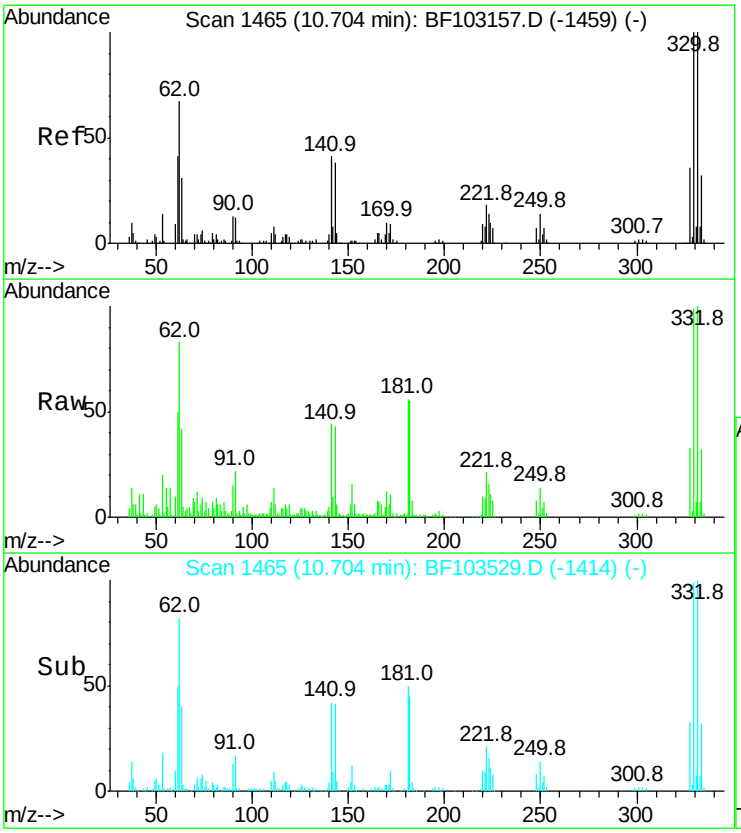
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BF103529.D
Acq: 8 Mar 2018 20:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 213214

Ion	Ratio	Lower	Upper
164	100		
162	102.4	86.1	129.1
160	45.1	38.3	57.5

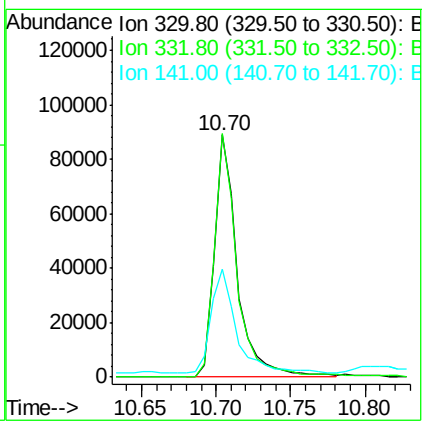


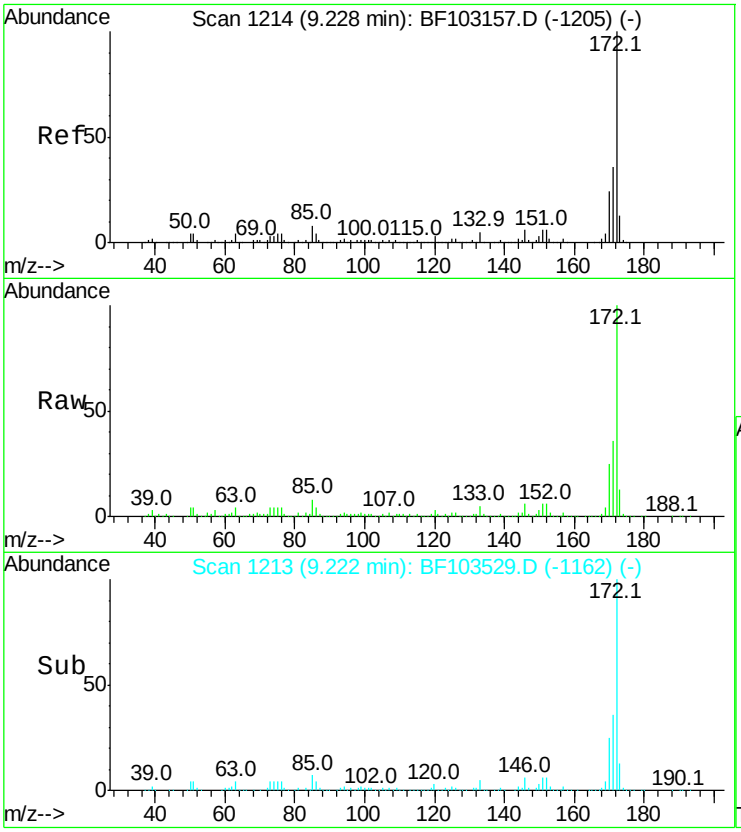


#41
2,4,6-Tribromophenol
Concen: 52.751 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.00 min
Lab File: BF103529.D
Acq: 8 Mar 2018 20:55

Tgt Ion:330 Resp: 95202

Ion	Ratio	Lower	Upper
330	100		
332	101.3	77.0	115.6
141	46.5	29.9	44.9#



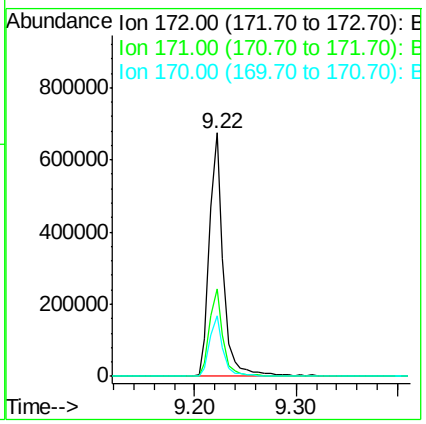


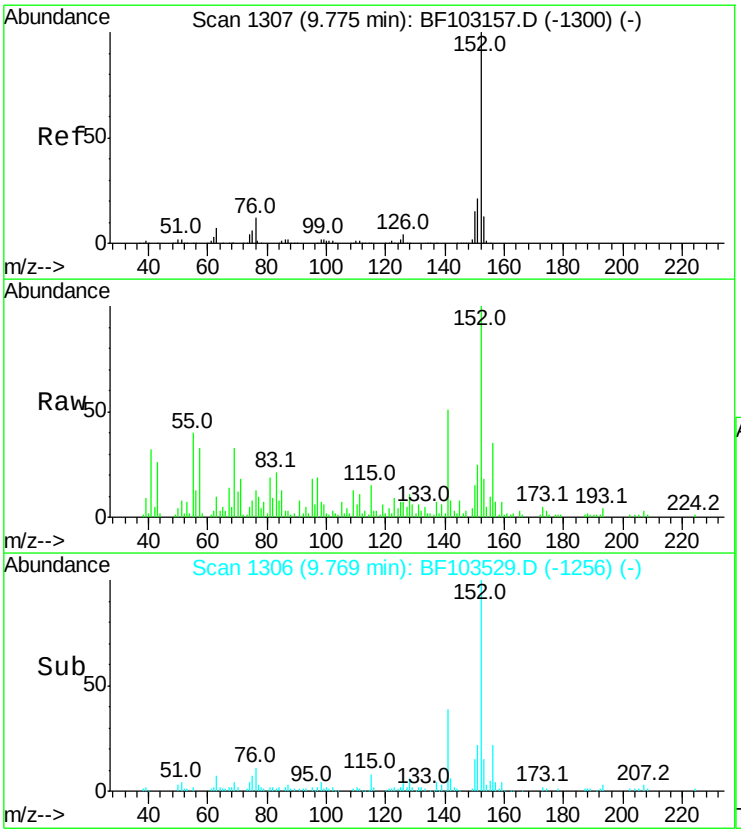
#44
2-Fluorobiphenyl
Concen: 46.526 ng
RT: 9.22 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BF103529.D
Acq: 8 Mar 2018 20:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 645821

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.8	19.6	29.4

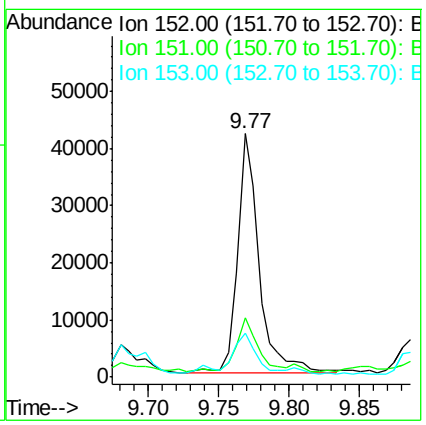


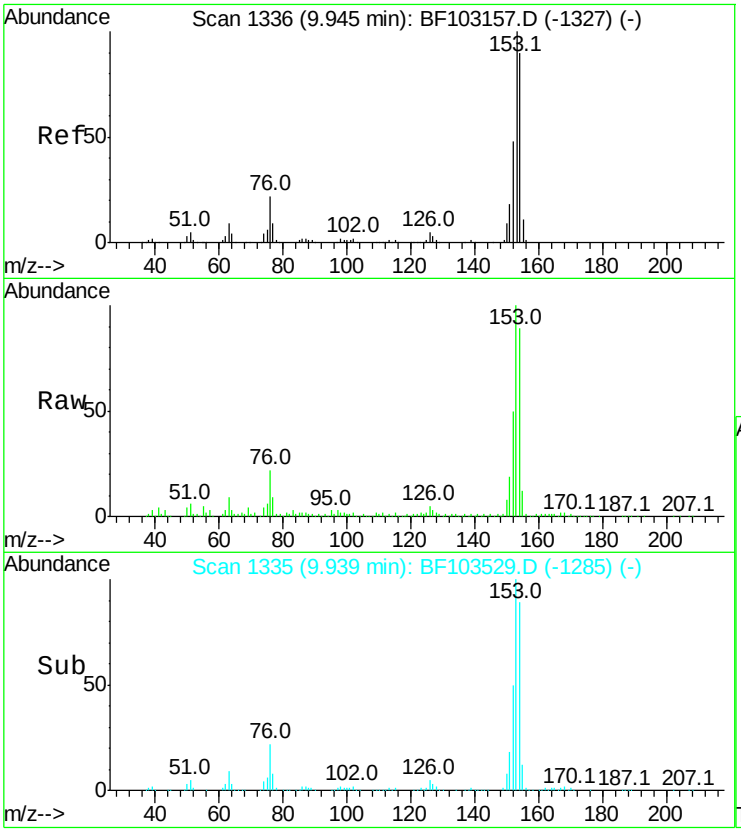


#48
Acenaphthylene
Concen: 2.045 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BF103529.D
Acq: 8 Mar 2018 20:55

Tgt Ion:152 Resp: 44478

Ion	Ratio	Lower	Upper
152	100		
151	24.6	16.3	24.5#
153	18.1	10.7	16.1#



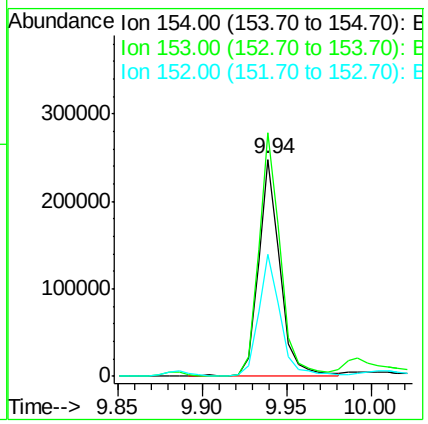


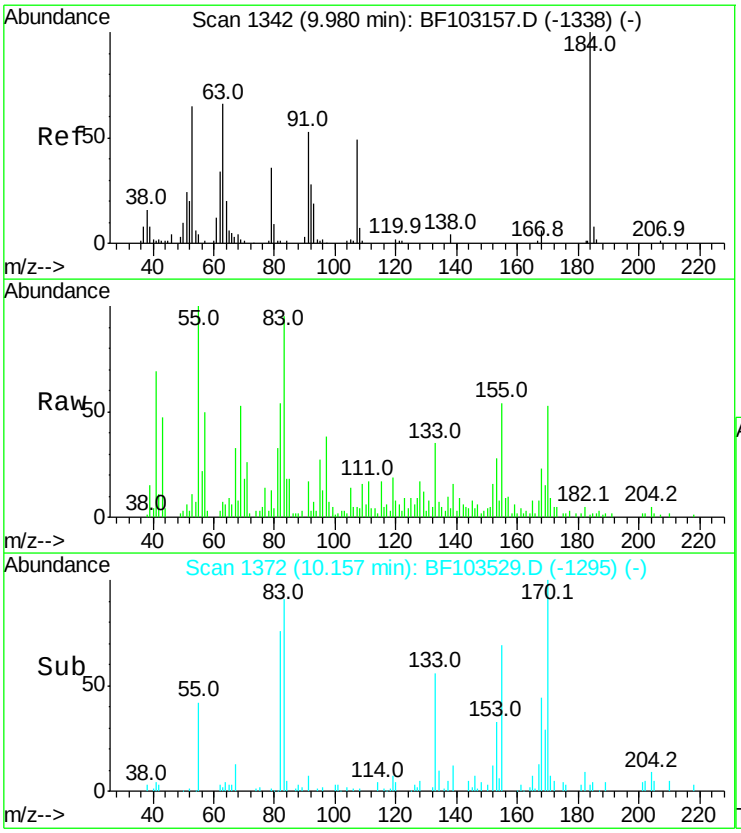
#51
Acenaphthene
Concen: 17.075 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF103529.D
Acq: 8 Mar 2018 20:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 216539

Ion	Ratio	Lower	Upper
154	100		
153	112.1	91.2	136.8
152	56.2	43.8	65.8

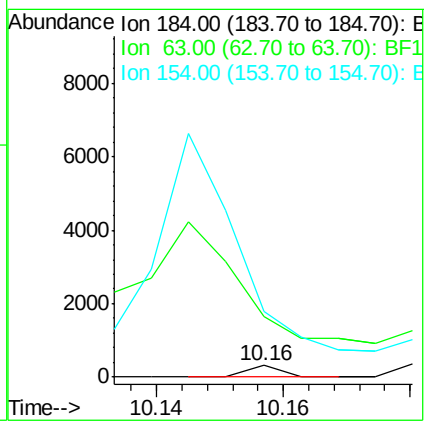


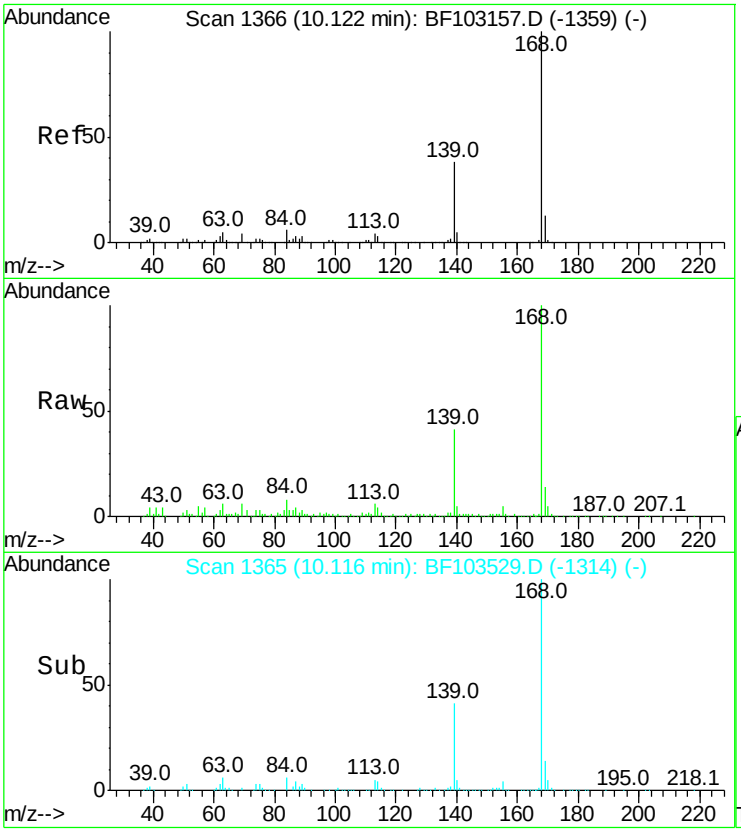


#53
2,4-Dinitrophenol
Concen: 9.695 ng
RT: 10.16 min Scan# 1372
Delta R.T. 0.15 min
Lab File: BF103529.D
Acq: 8 Mar 2018 20:55

Tgt Ion:184 Resp: 109

Ion	Ratio	Lower	Upper
184	100		
63	529.8	54.2	81.2#
154	579.3	184.0	276.0#



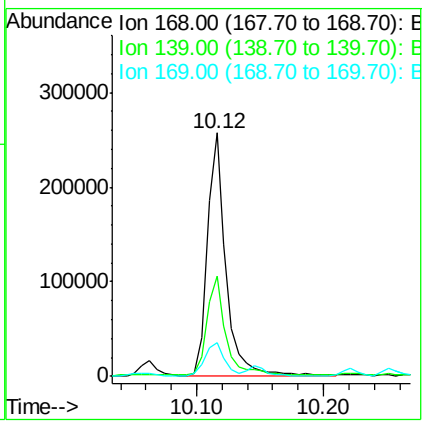


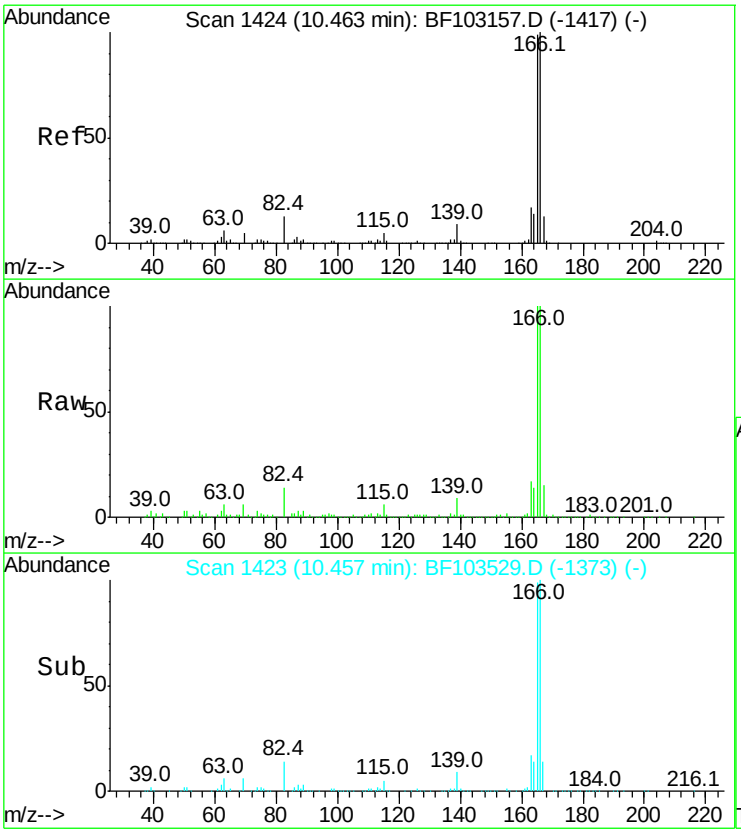
#54
Dibenzofuran
Concen: 15.014 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BF103529.D
Acq: 8 Mar 2018 20:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 261357

Ion	Ratio	Lower	Upper
168	100		
139	41.0	30.1	45.1
169	13.8	10.9	16.3

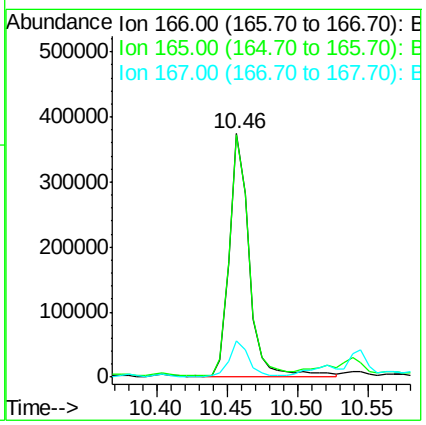


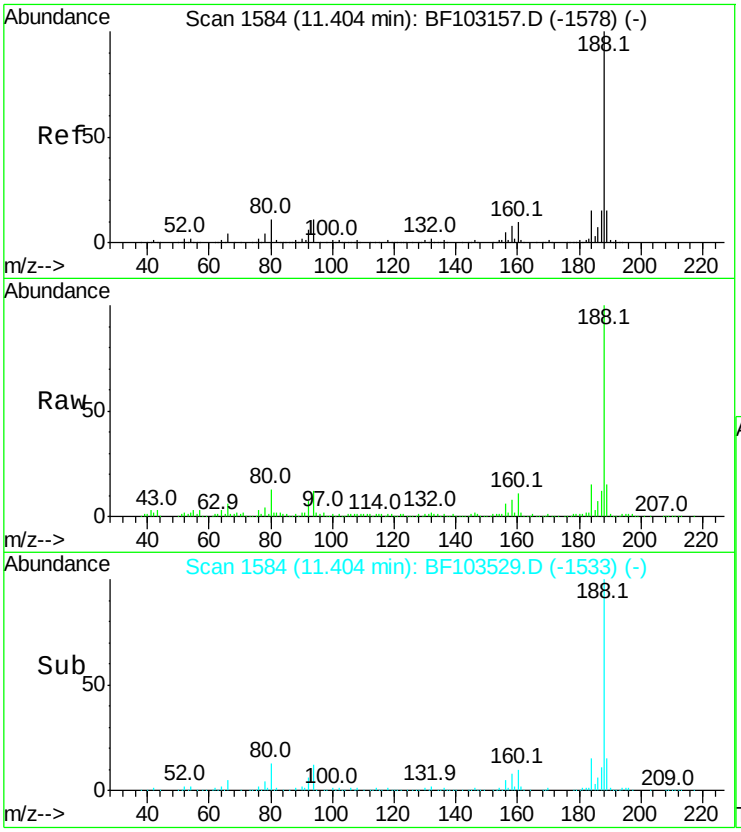


#57
Fluorene
Concen: 24.595 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF103529.D
Acq: 8 Mar 2018 20:55

Tgt Ion:166 Resp: 364734

Ion	Ratio	Lower	Upper
166	100		
165	99.5	79.8	119.8
167	14.7	10.6	16.0



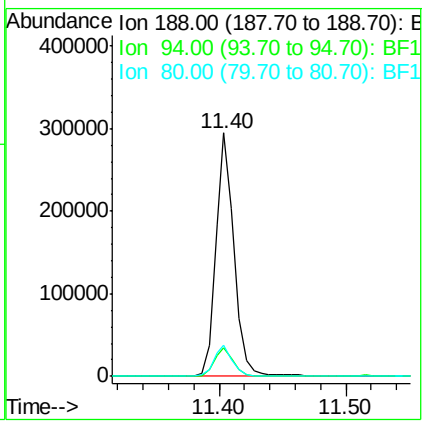


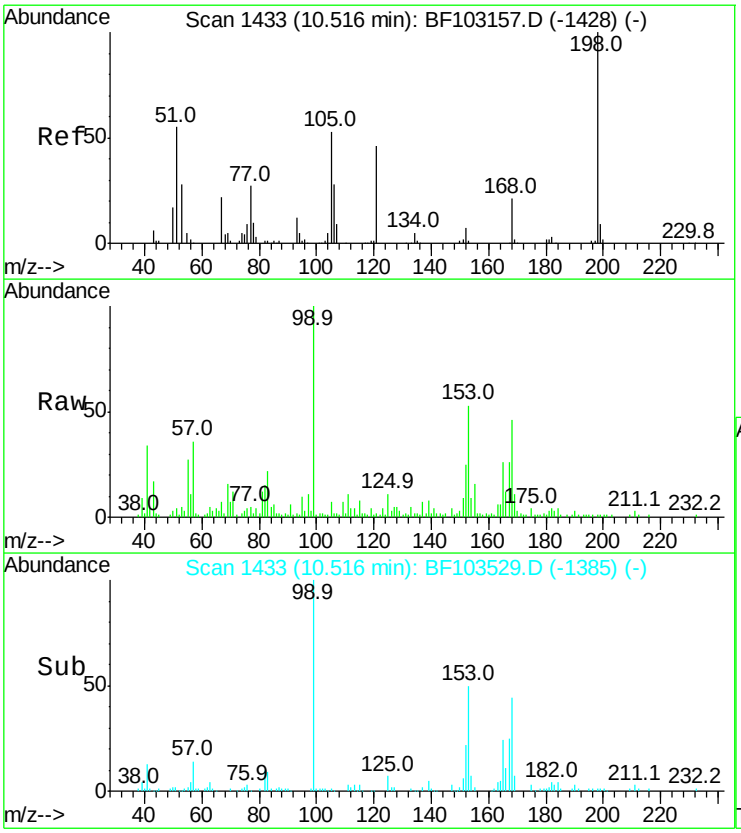
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF103529.D
Acq: 8 Mar 2018 20:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 295755

Ion	Ratio	Lower	Upper
188	100		
94	11.8	8.5	12.7
80	12.9	9.2	13.8

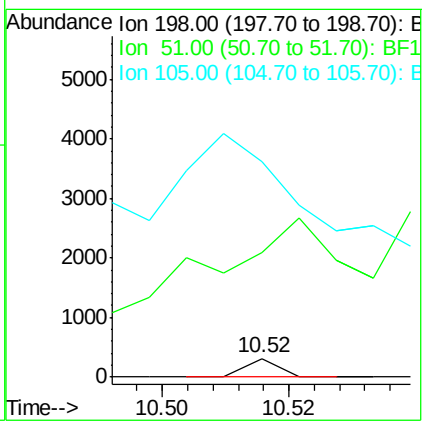


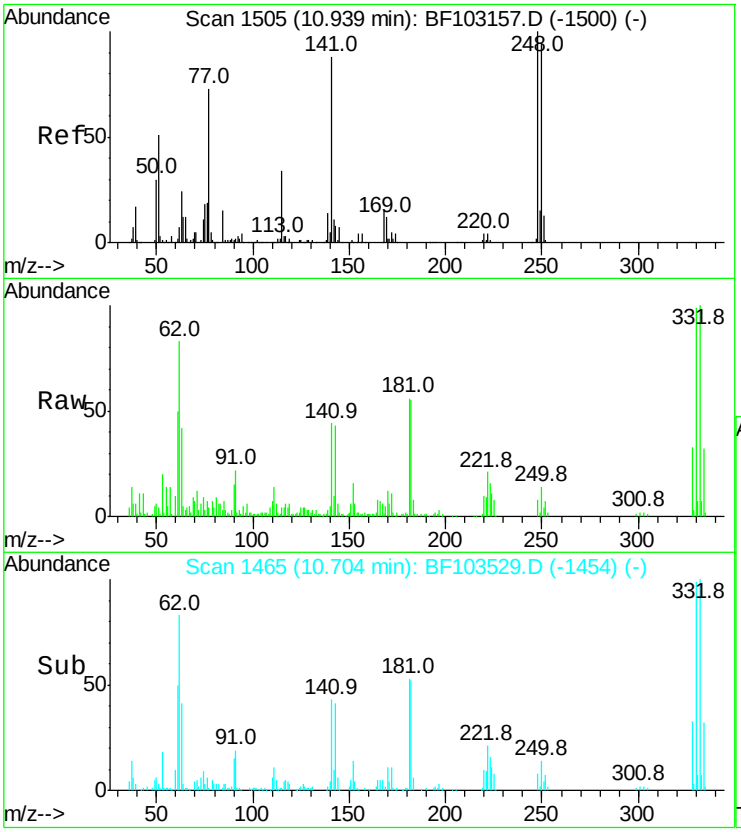


#64
4,6-Dinitro-2-methylphenol
Concen: 5.001 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.02 min
Lab File: BF103529.D
Acq: 8 Mar 2018 20:55

Tgt Ion:198 Resp: 112

Ion	Ratio	Lower	Upper
198	100		
51	662.8	37.7	77.7#
105	1142.3	36.3	76.3#



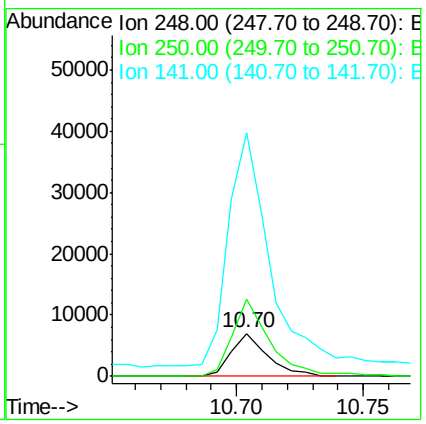


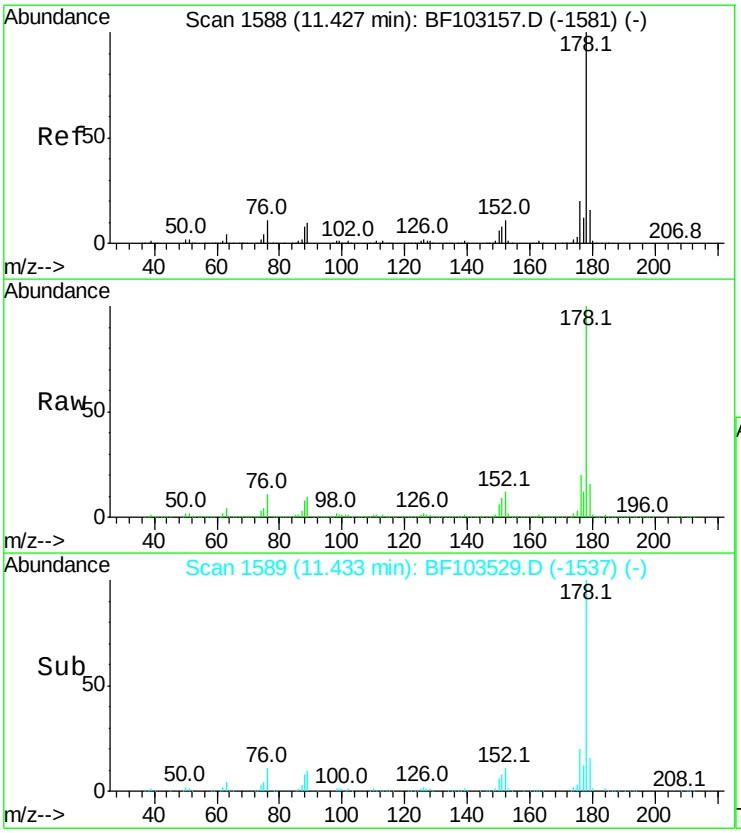
#66
4-Bromophenyl-phenylether
Concen: 2.260 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.24 min
Lab File: BF103529.D
Acq: 8 Mar 2018 20:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 6964

Ion	Ratio	Lower	Upper
248	100		
250	178.9	76.9	115.3#
141	565.1	74.4	111.6#

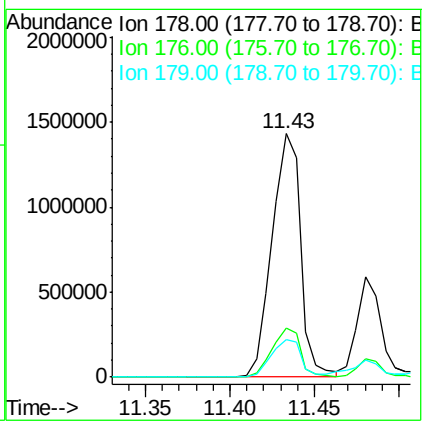


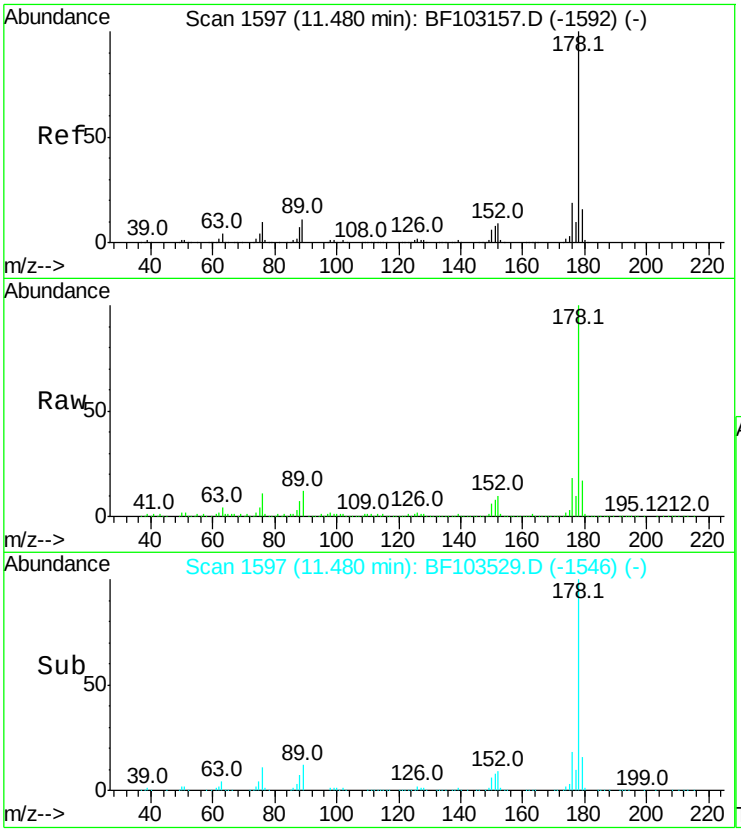


#70
Phenanthrene
Concen: 103.459 ng
RT: 11.43 min Scan# 1589
Delta R.T. 0.01 min
Lab File: BF103529.D
Acq: 8 Mar 2018 20:55

Tgt Ion:178 Resp: 1683928

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.8
179	15.7	13.0	19.6



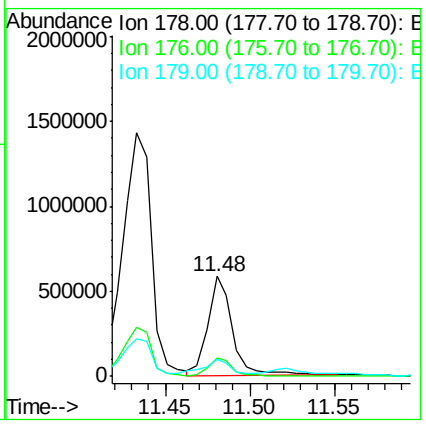


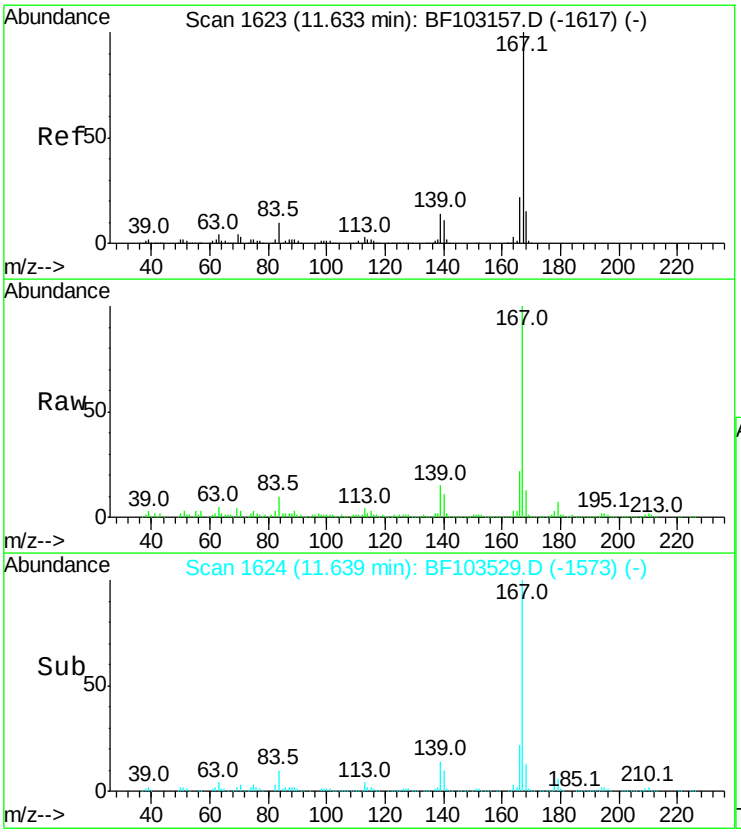
#71
Anthracene
Concen: 35.105 ng
RT: 11.48 min Scan# 1597
Delta R.T. 0.00 min
Lab File: BF103529.D
Acq: 8 Mar 2018 20:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 585907

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.4	23.2
179	16.6	12.6	19.0

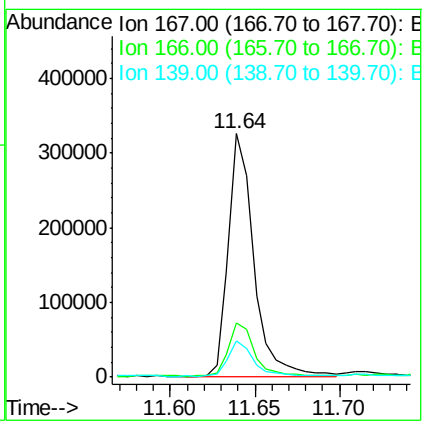


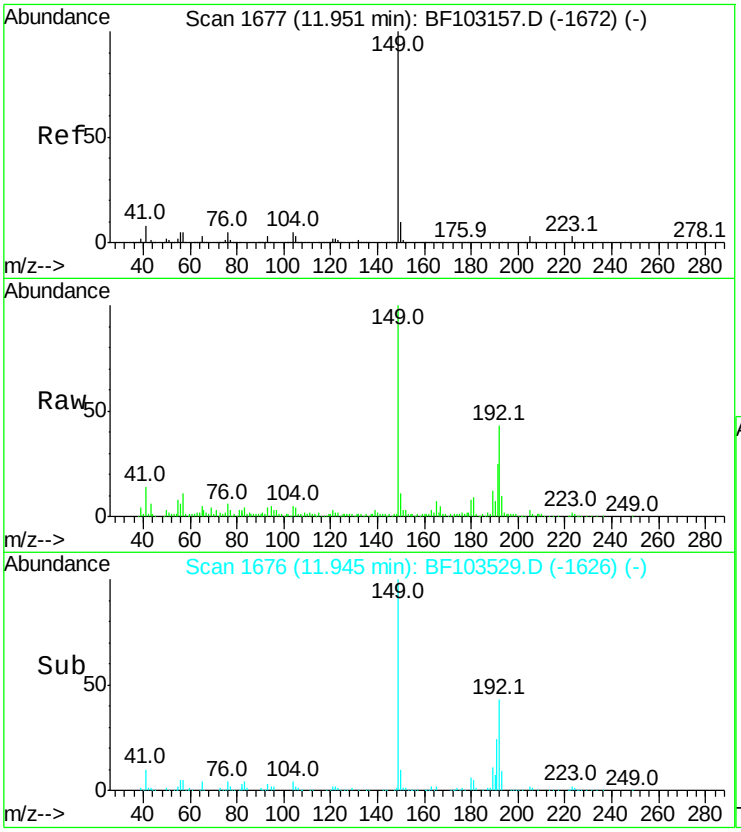


#72
Carbazole
Concen: 20.493 ng
RT: 11.64 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BF103529.D
Acq: 8 Mar 2018 20:55

Tgt Ion:167 Resp: 340602

Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.6	26.4
139	14.8	10.9	16.3



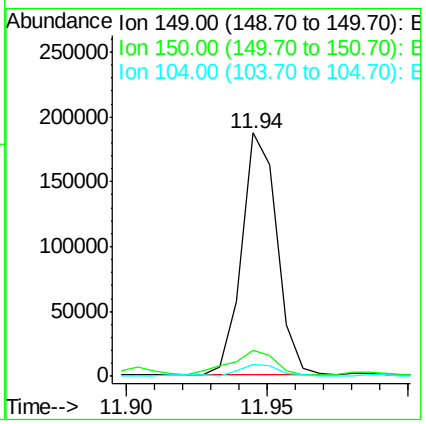


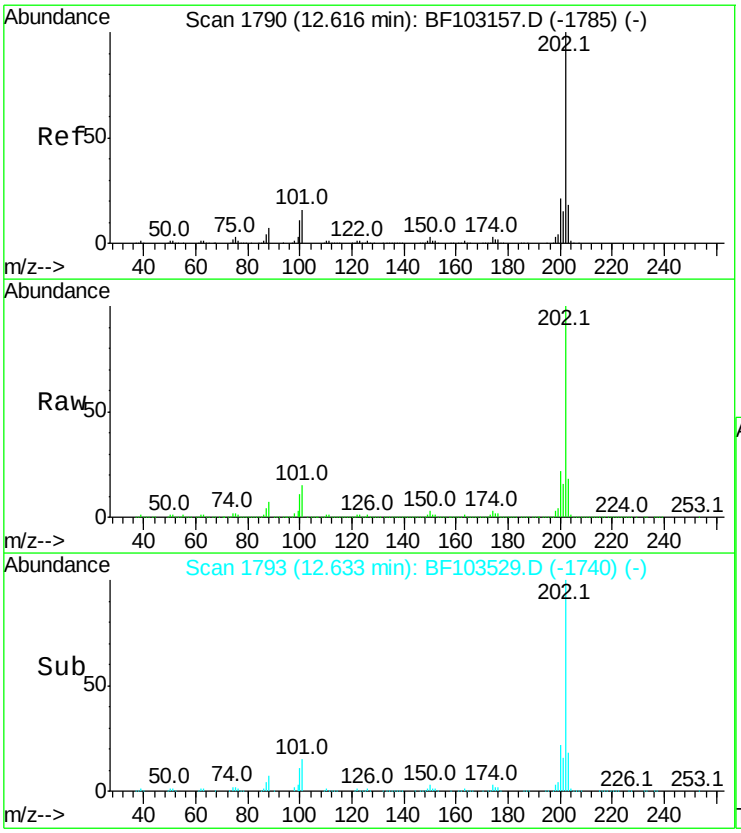
#73
Di-n-butylphthalate
Concen: 7.734 ng
RT: 11.94 min Scan# 1676
Delta R.T. -0.01 min
Lab File: BF103529.D
Acq: 8 Mar 2018 20:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 160855

Ion	Ratio	Lower	Upper
149	100		
150	10.5	7.8	11.6
104	5.0	3.8	5.8

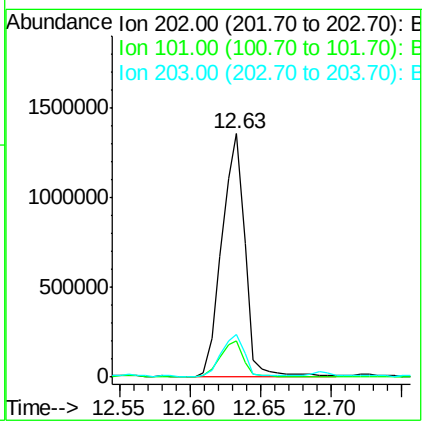


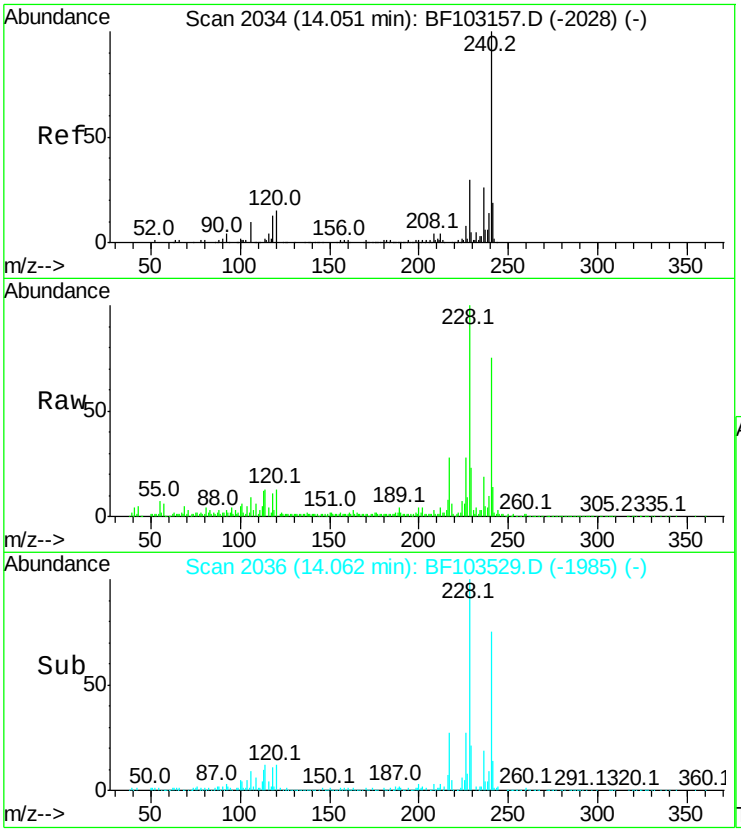


#74
Fluoranthene
Concen: 94.731 ng
RT: 12.63 min Scan# 1793
Delta R.T. 0.01 min
Lab File: BF103529.D
Acq: 8 Mar 2018 20:55

Tgt Ion:202 Resp: 1549410

Ion	Ratio	Lower	Upper
202	100		
101	14.8	0.0	34.1
203	17.7	0.0	38.1



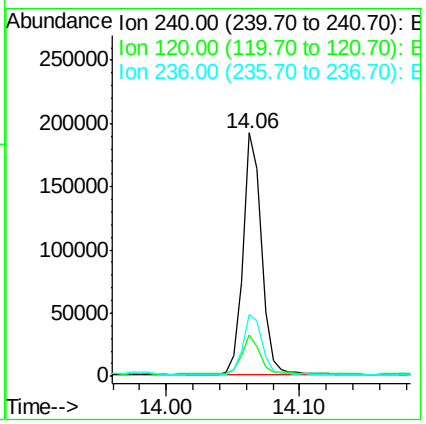


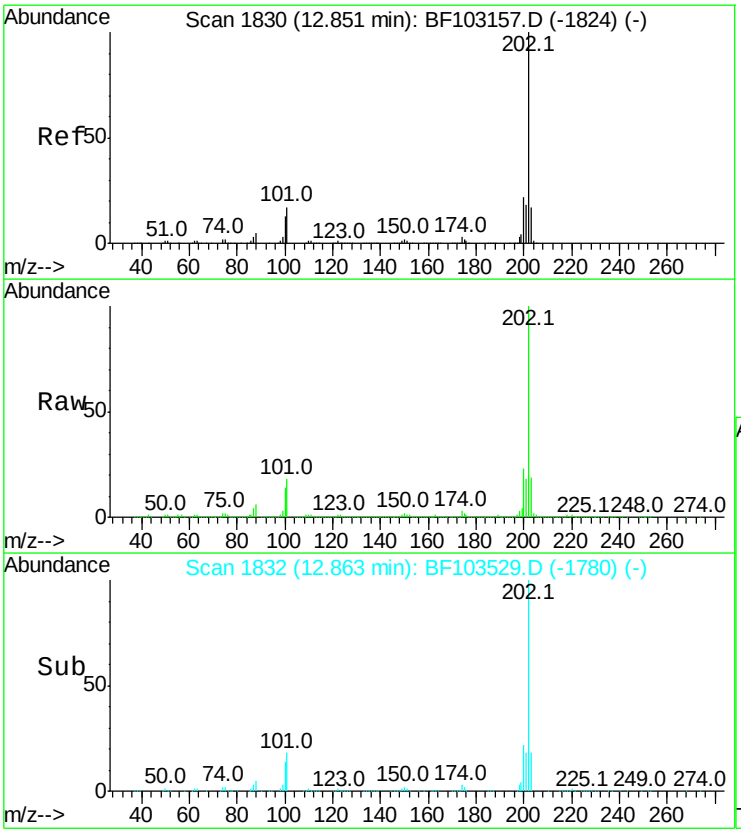
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. 0.00 min
Lab File: BF103529.D
Acq: 8 Mar 2018 20:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 183150

Ion	Ratio	Lower	Upper
240	100		
120	17.0	9.5	14.3#
236	25.5	20.7	31.1

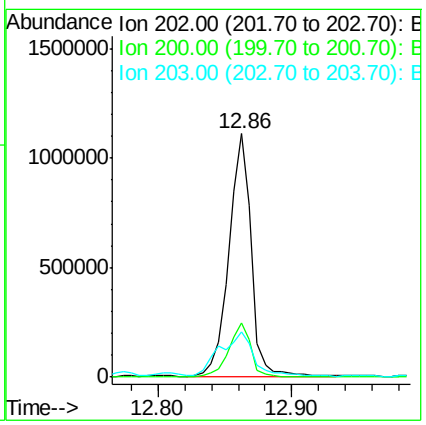


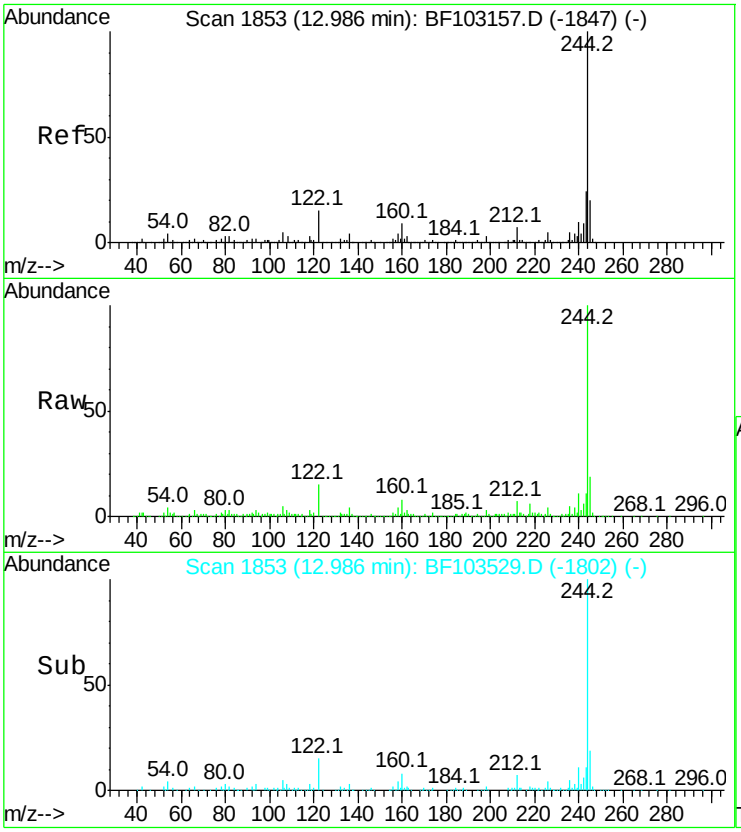


#77
Pyrene
Concen: 91.313 ng
RT: 12.86 min Scan# 1832
Delta R.T. 0.01 min
Lab File: BF103529.D
Acq: 8 Mar 2018 20:55

Tgt Ion:202 Resp: 1303904

Ion	Ratio	Lower	Upper
202	100		
200	22.5	17.4	26.2
203	18.7	14.3	21.5



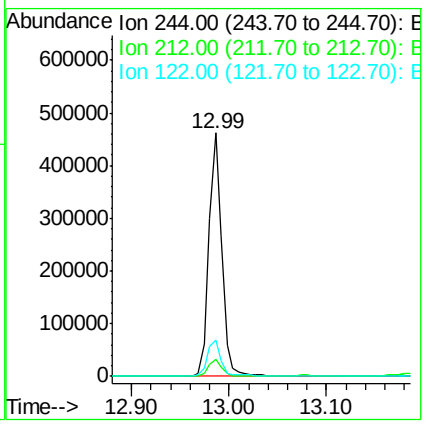


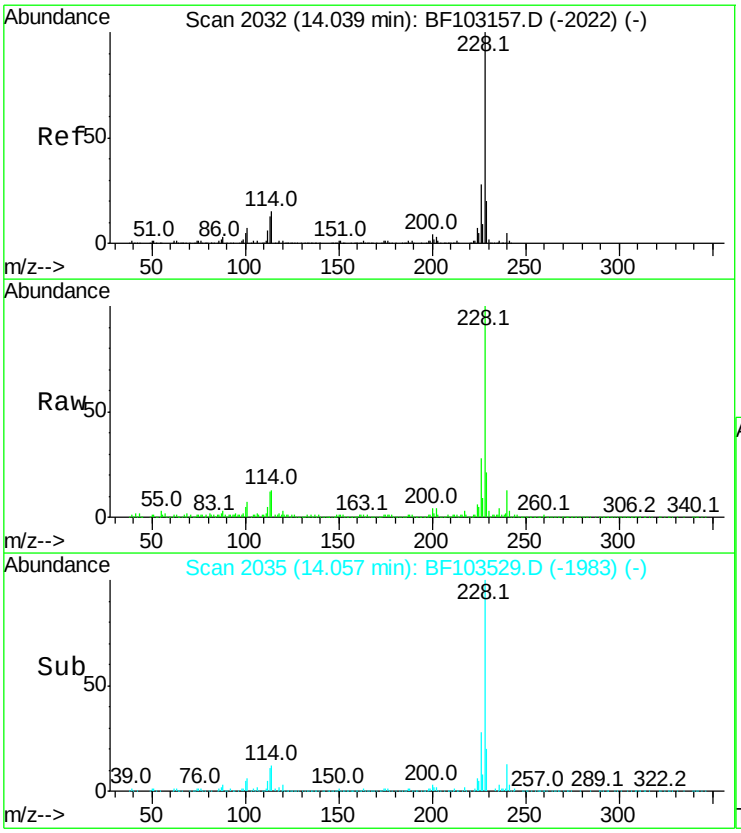
#78
Terphenyl-d14
Concen: 55.814 ng
RT: 12.99 min Scan# 1853
Delta R.T. 0.00 min
Lab File: BF103529.D
Acq: 8 Mar 2018 20:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 425242

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	14.9	11.0	16.4

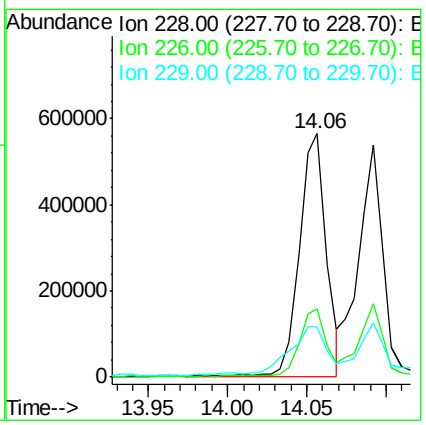


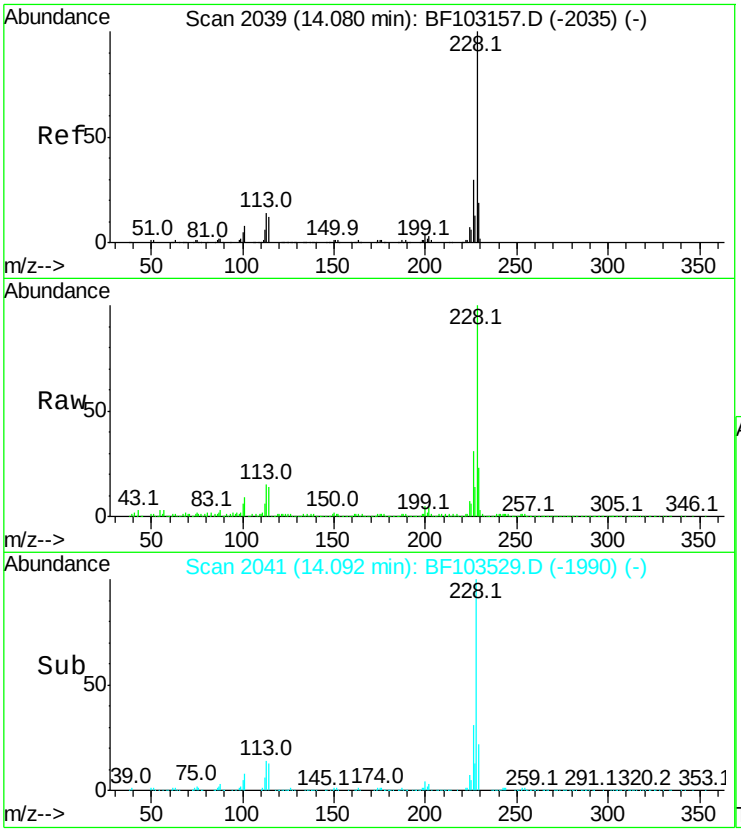


#80
Benzo(a)anthracene
Concen: 54.863 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.01 min
Lab File: BF103529.D
Acq: 8 Mar 2018 20:55

Tgt Ion:228 Resp: 651967

Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.6	33.8
229	20.9	15.8	23.6



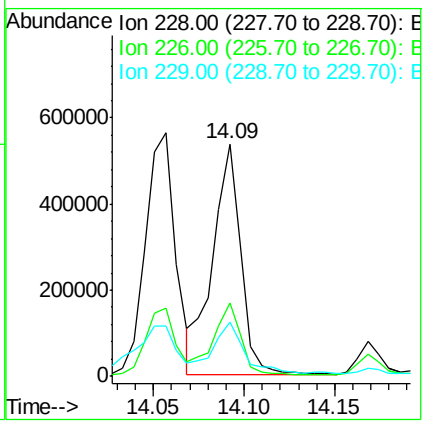


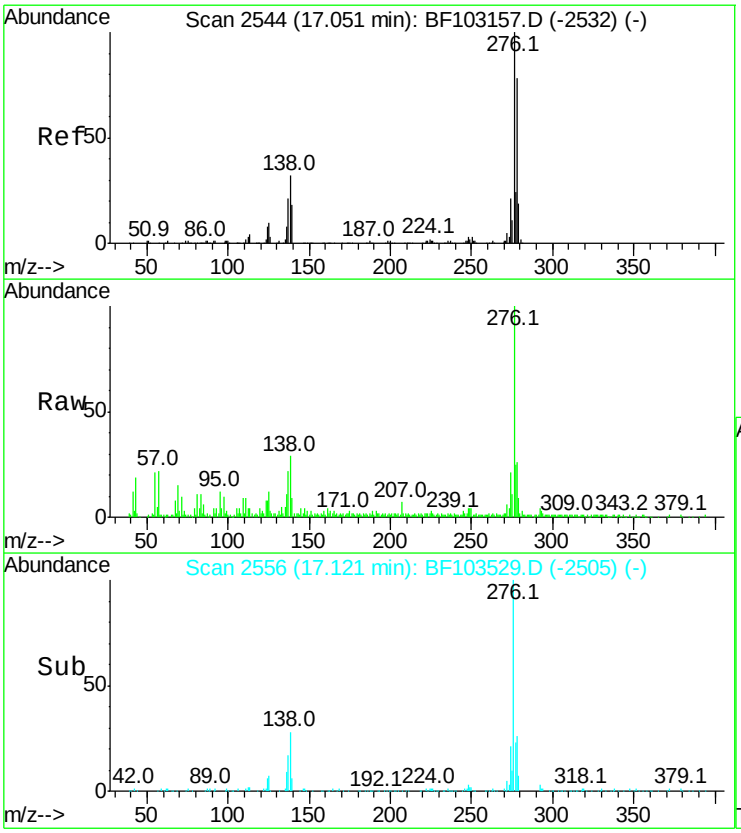
#82
Chrysene
Concen: 50.923 ng
RT: 14.09 min Scan# 2041
Delta R.T. 0.00 min
Lab File: BF103529.D
Acq: 8 Mar 2018 20:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 587577

Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.0	37.6
229	23.2	16.2	24.4

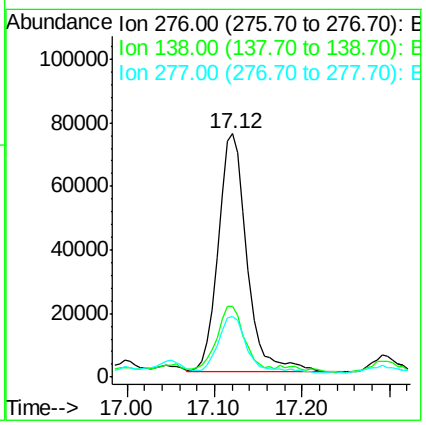


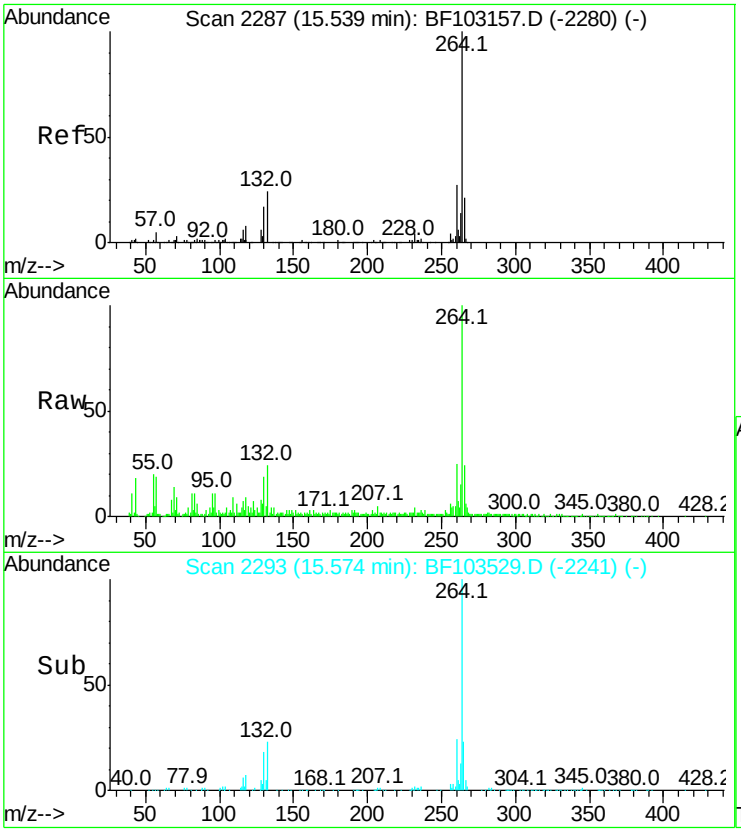


#85
Indeno(1,2,3-cd)pyrene
Concen: 18.619 ng
RT: 17.12 min Scan# 2556
Delta R.T. 0.00 min
Lab File: BF103529.D
Acq: 8 Mar 2018 20:55

Tgt Ion:276 Resp: 170078

Ion	Ratio	Lower	Upper
276	100		
138	24.3	25.0	37.6#
277	24.0	20.1	30.1



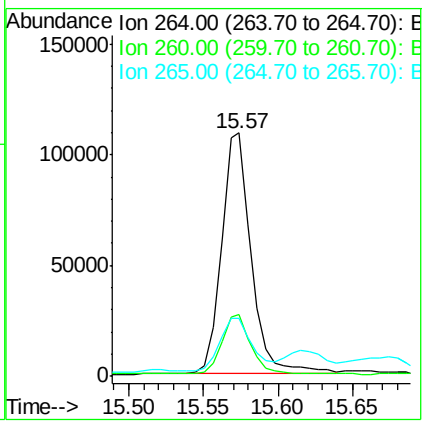


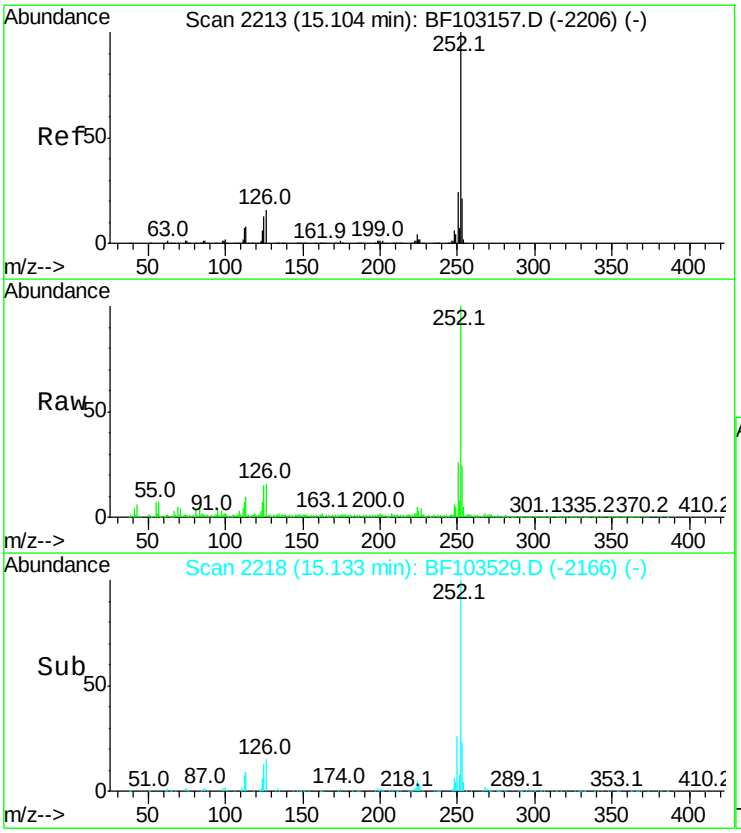
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2293
Delta R.T. 0.01 min
Lab File: BF103529.D
Acq: 8 Mar 2018 20:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 152636

Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.2	28.8
265	23.8	17.5	26.3

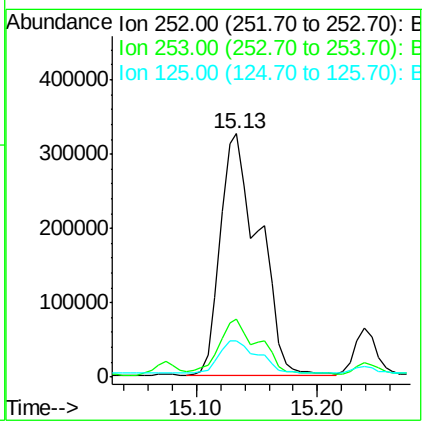


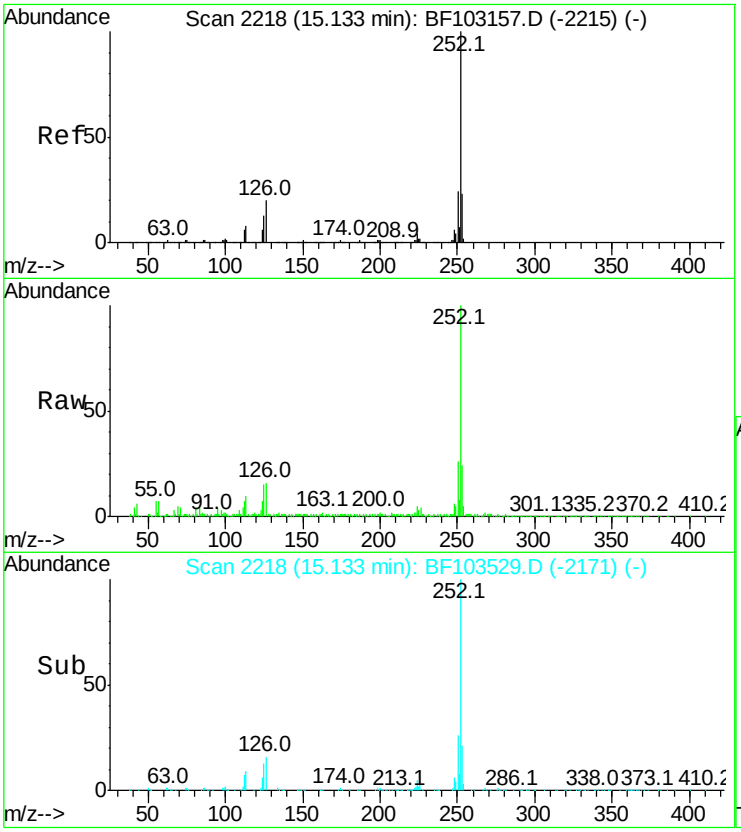


#87
Benzo(b)fluoranthene
Concen: 71.474 ng
RT: 15.13 min Scan# 2218
Delta R.T. 0.01 min
Lab File: BF103529.D
Acq: 8 Mar 2018 20:55

Tgt Ion:252 Resp: 717290

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.0	25.6
125	14.9	9.0	13.6#



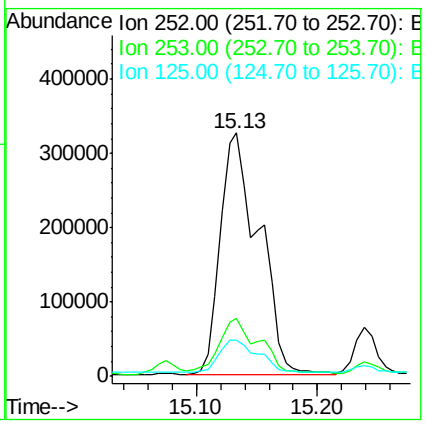


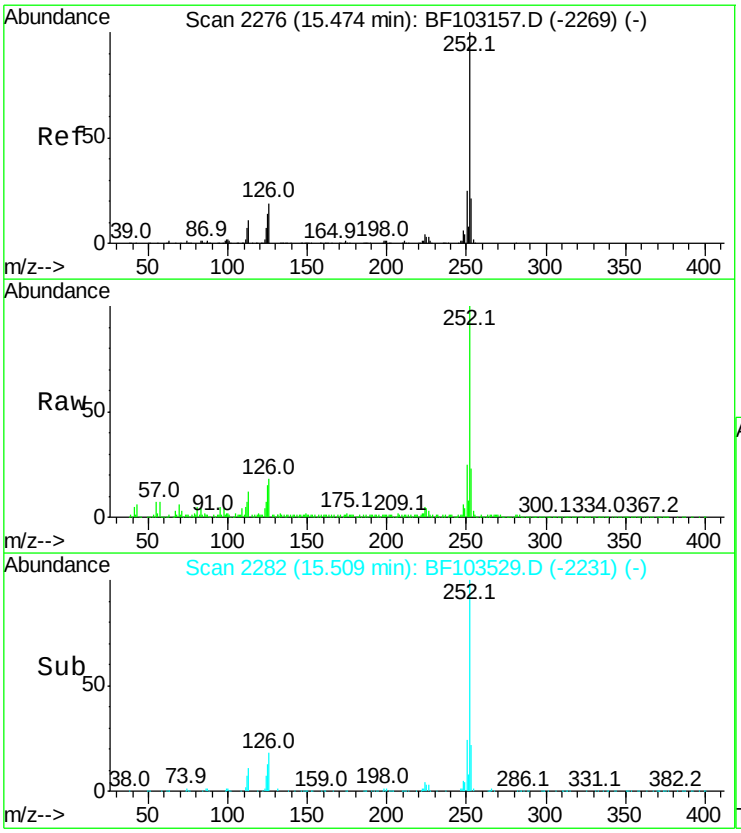
#88
Benzo(k)fluoranthene
Concen: 75.902 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.02 min
Lab File: BF103529.D
Acq: 8 Mar 2018 20:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 717290

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.9	26.9
125	14.9	10.2	15.2

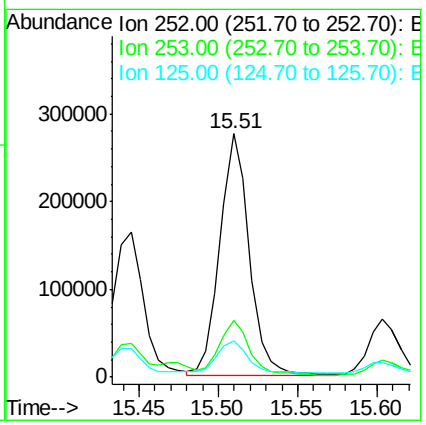


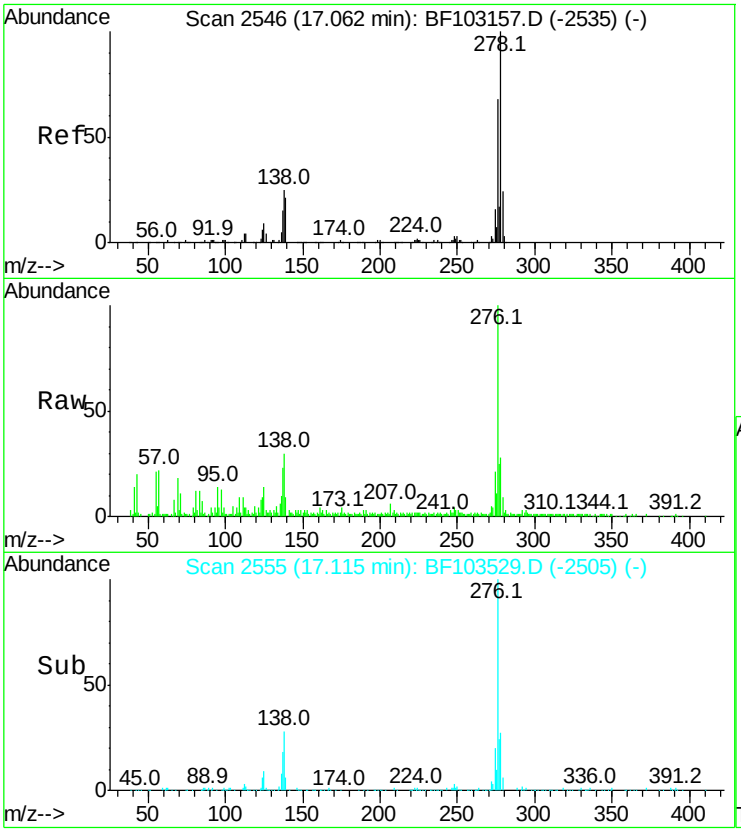


#89
Benzo(a)pyrene
Concen: 39.527 ng
RT: 15.51 min Scan# 2282
Delta R.T. 0.00 min
Lab File: BF103529.D
Acq: 8 Mar 2018 20:55

Tgt Ion:252 Resp: 354239

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.1	25.7
125	14.7	9.8	14.6#



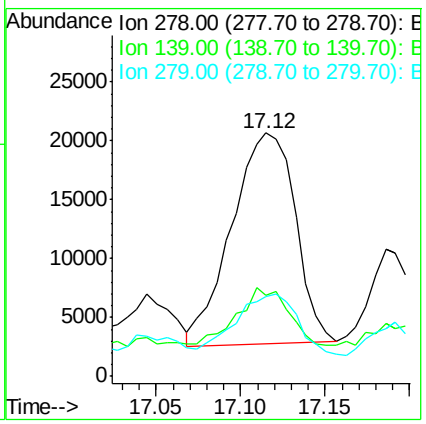


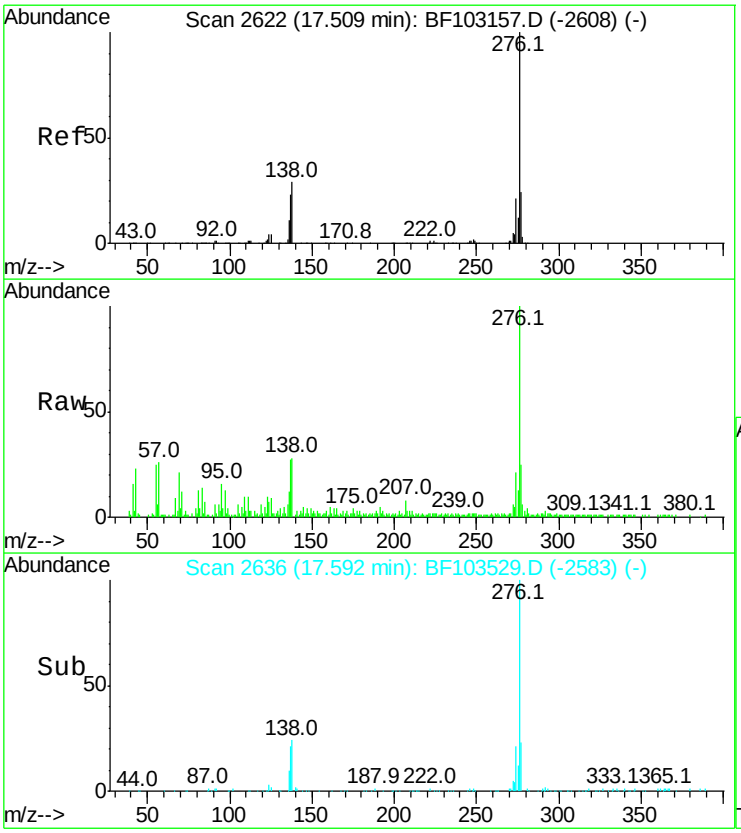
#90
Dibenzo(a,h)anthracene
Concen: 6.776 ng
RT: 17.12 min Scan# 2555
Delta R.T. -0.01 min
Lab File: BF103529.D
Acq: 8 Mar 2018 20:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 46924

Ion	Ratio	Lower	Upper
278	100		
139	33.2	15.9	23.9#
279	32.9	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 20.549 ng
RT: 17.59 min Scan# 2636
Delta R.T. 0.01 min
Lab File: BF103529.D
Acq: 8 Mar 2018 20:55

Tgt Ion:276 Resp: 139074

Ion	Ratio	Lower	Upper
276	100		
277	25.5	17.9	26.9
138	28.3	21.8	32.8