Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\
Data File : BF103483.D
Acq On : 7 Mar 2018 3:39
Operator : SJ/JU
Sample : J1792-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 07 06:35:19 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 06 11:52:59 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	138190	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	578000	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	228170	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	339714	20.00	ng	0.00
75) Chrysene-d12	14.06	240	216960	20.00	ng	0.00
86) Perylene-d12	15.57	264	183918	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	888862	97.28	ng	0.00
7) Phenol-d6	6.51	99	1131758	101.23	ng	0.00
23) Nitrobenzene-d5	7.44	82	698793	69.04	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	150586	77.97	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	962115	69.52	ng	0.00
78) Terphenyl-d14	12.99	244	670336	74.27	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.47	77	1323	Below Cal	#	73
19) n-Nitroso-di-n-propylamine	7.43	70	93979	13.506	ng	# 82
25) Isophorone	7.44	82	698793	35.056	ng	# 64
32) Benzoic acid	7.99	122	1925	7.191	ng	# 64
48) Acenaphthylene	9.77	152	67464	2.899	ng	98
64) 4,6-Dinitro-2-methylphenol	10.70	198	396	5.117	ng	# 1
66) 4-Bromophenyl-phenylether	10.71	248	10810	3.055	ng	# 1
70) Phenanthrene	11.43	178	240290	12.853	ng	98
71) Anthracene	11.49	178	106778	5.570	ng	99
72) Carbazole	11.65	167	40944	2.145	ng	97
73) Di-n-butylphthalate	11.95	149	426029	17.834	ng	99
74) Fluoranthene	12.63	202	528814	28.148	ng	98
77) Pyrene	12.86	202	466595	27.584	ng	100
80) Benzo(a)anthracene	14.05	228	218566	15.526	ng	99
82) Chrysene	14.09	228	198737	14.540	ng	98
83) Bis(2-ethylhexyl)phthalate	14.01	149	61607	5.108	ng	99
85) Indeno(1,2,3-cd)pyrene	17.12	276	171156	15.817	ng	93
87) Benzo(b)fluoranthene	15.13	252	364302	30.126	ng	# 95
88) Benzo(k)fluoranthene	15.13	252	364302	31.993	ng	# 96
89) Benzo(a)pyrene	15.51	252	198389	18.372	ng	# 93
90) Dibenzo(a,h)anthracene	17.12	278	30511	3.657	ng	# 74
91) Benzo(g,h,i)perylene	17.59	276	183051	22.446	ng	95

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

Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\
Data File : BF103483.D
Acq On : 7 Mar 2018 3:39
Operator : SJ/JU
Sample : J1792-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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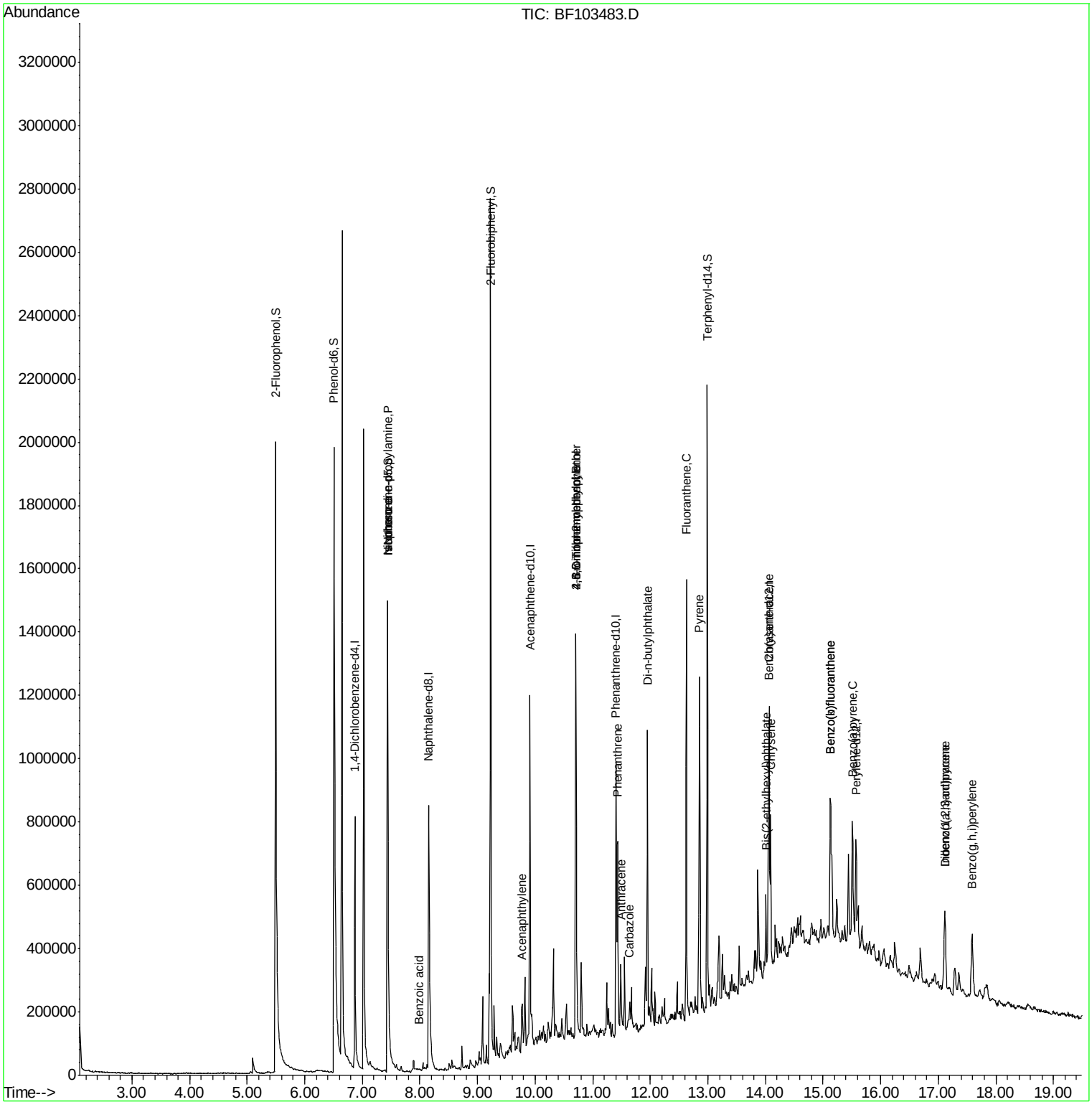
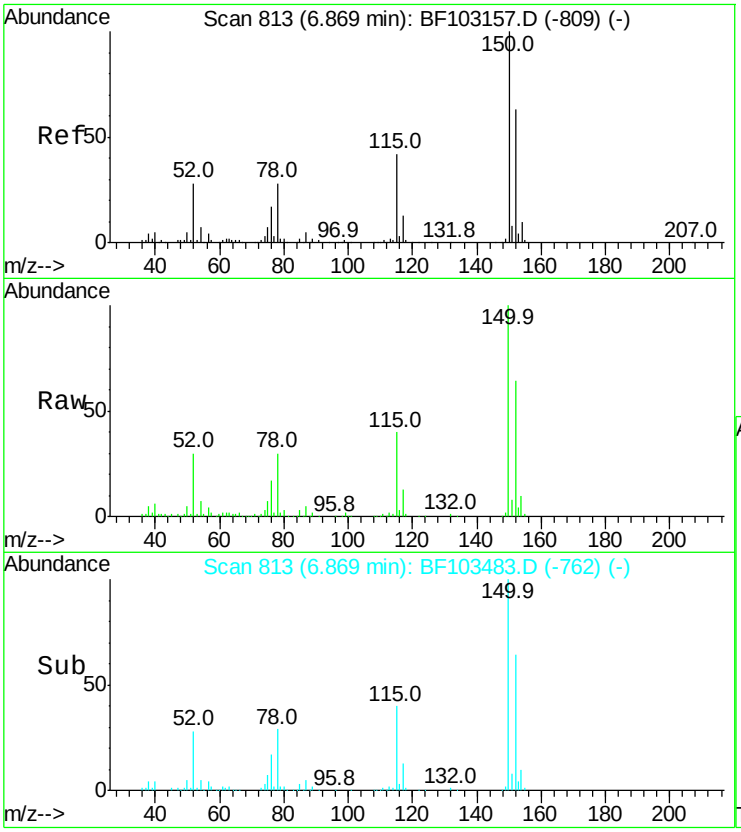


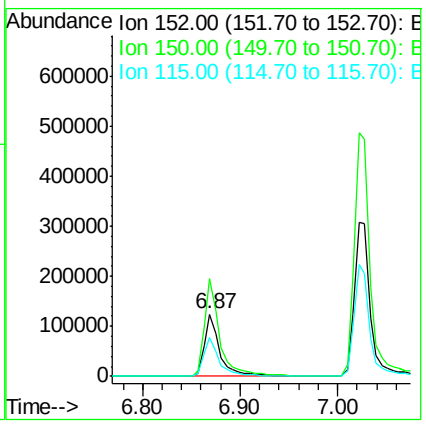


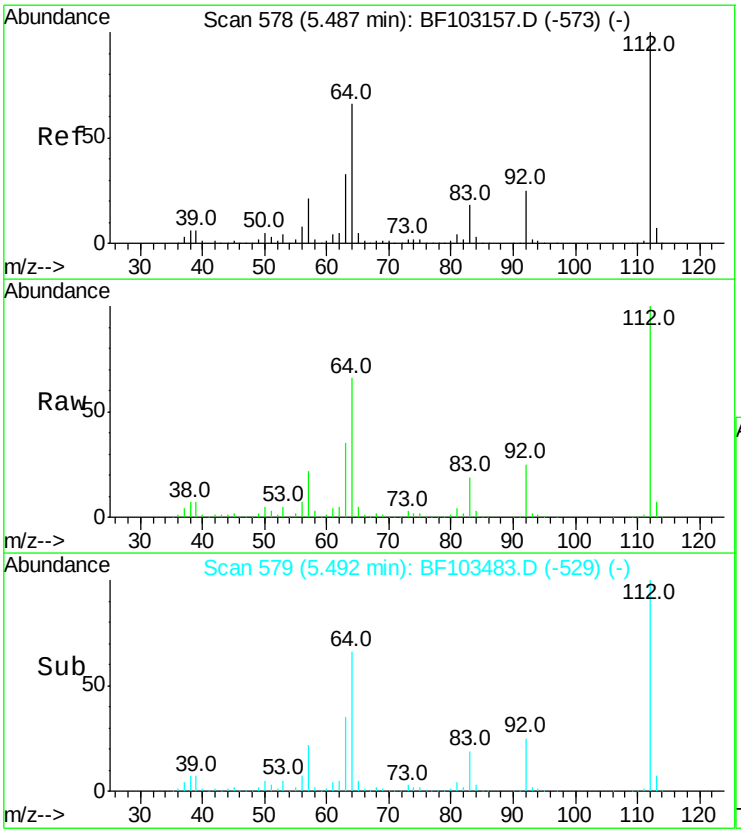
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF103483.D
Acq: 7 Mar 2018 3:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 138190

Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.6	186.8
115	63.1	50.1	75.1

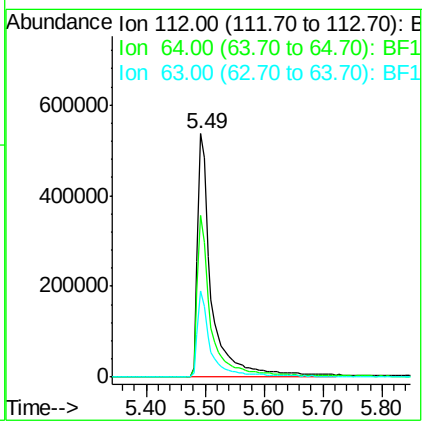


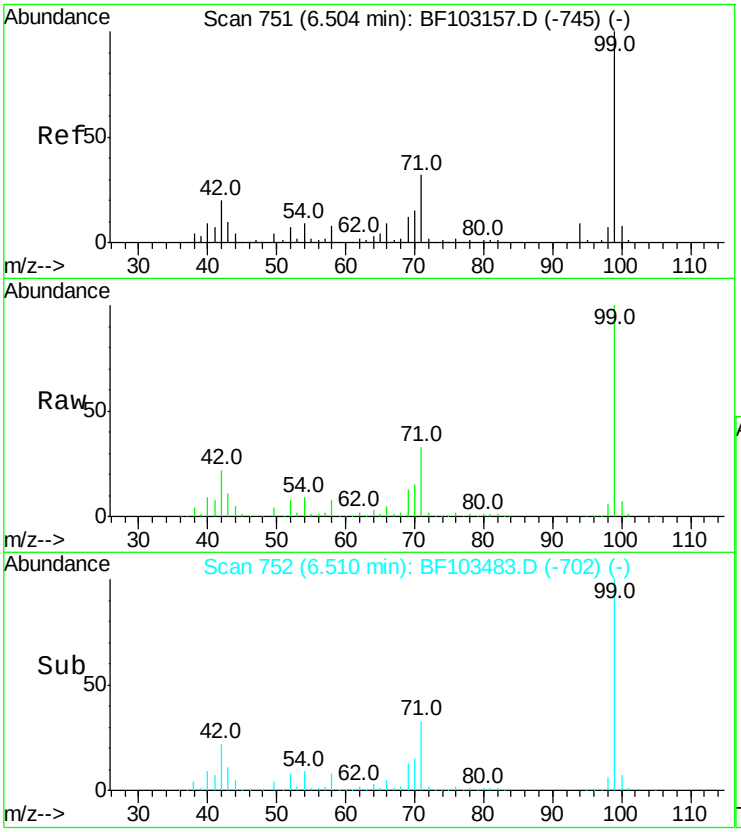


#5
2-Fluorophenol
Concen: 97.282 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.01 min
Lab File: BF103483.D
Acq: 7 Mar 2018 3:39

Tgt Ion:112 Resp: 888862

Ion	Ratio	Lower	Upper
112	100		
64	66.4	47.9	71.9
63	35.1	23.7	35.5



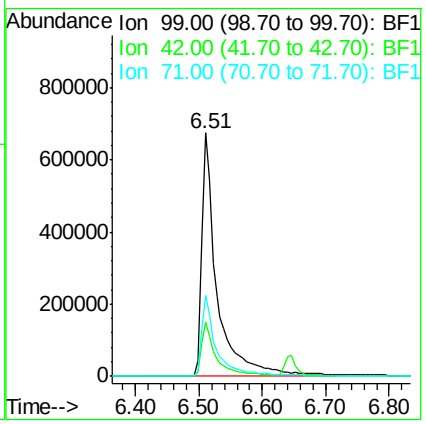


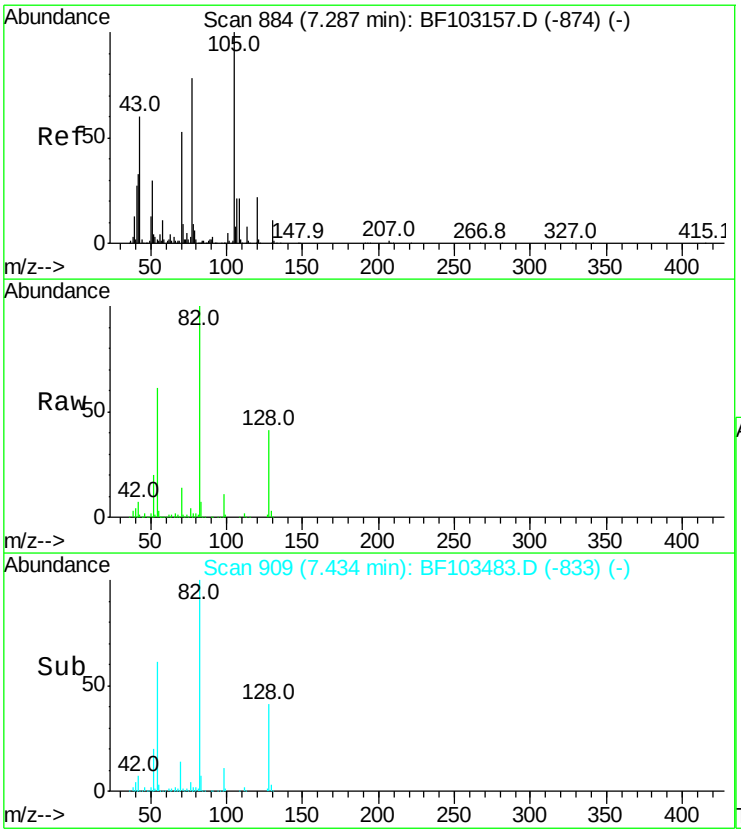
#7
Phenol-d6
Concen: 101.227 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF103483.D
Acq: 7 Mar 2018 3:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1131758

Ion	Ratio	Lower	Upper
99	100		
42	22.0	14.5	21.7#
71	33.2	25.4	38.0

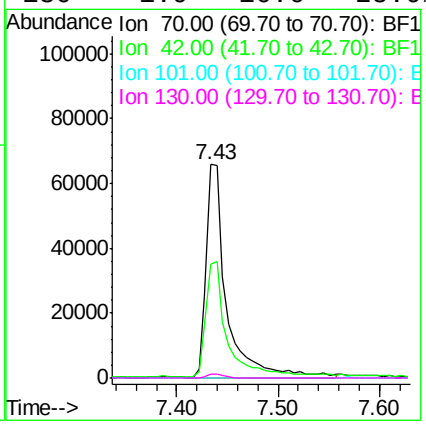


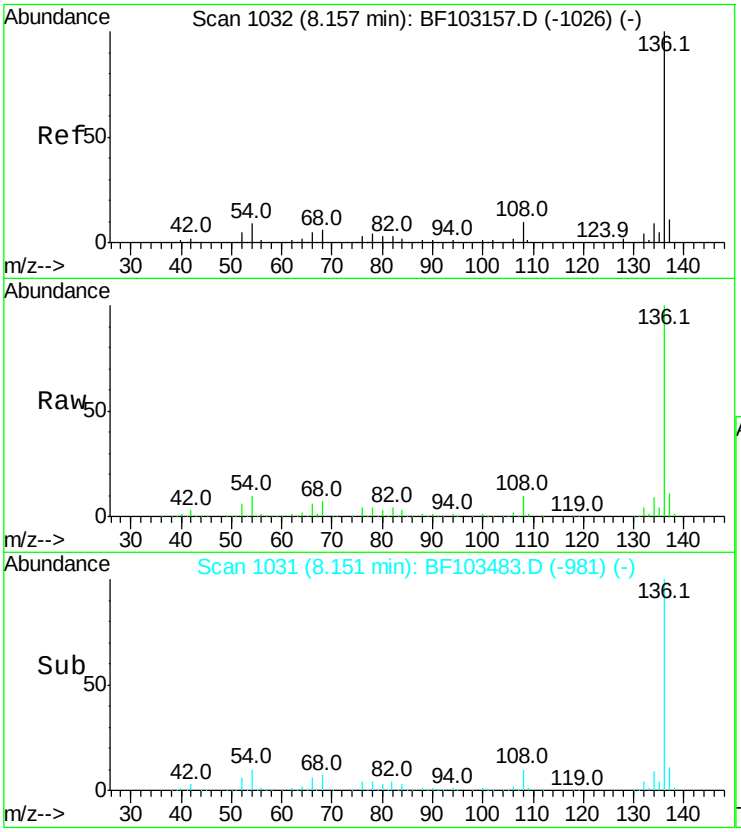


#19
n-Nitroso-di-n-propylamine
Concen: 13.506 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.15 min
Lab File: BF103483.D
Acq: 7 Mar 2018 3:39

Tgt Ion: 70 Resp: 93979

Ion	Ratio	Lower	Upper
70	100		
42	53.1	47.5	71.3
101	0.0	7.4	11.2#
130	1.9	16.6	25.0#



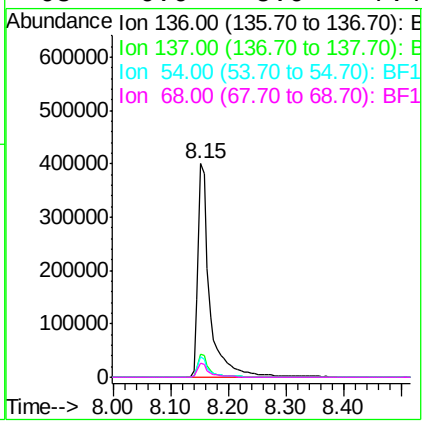


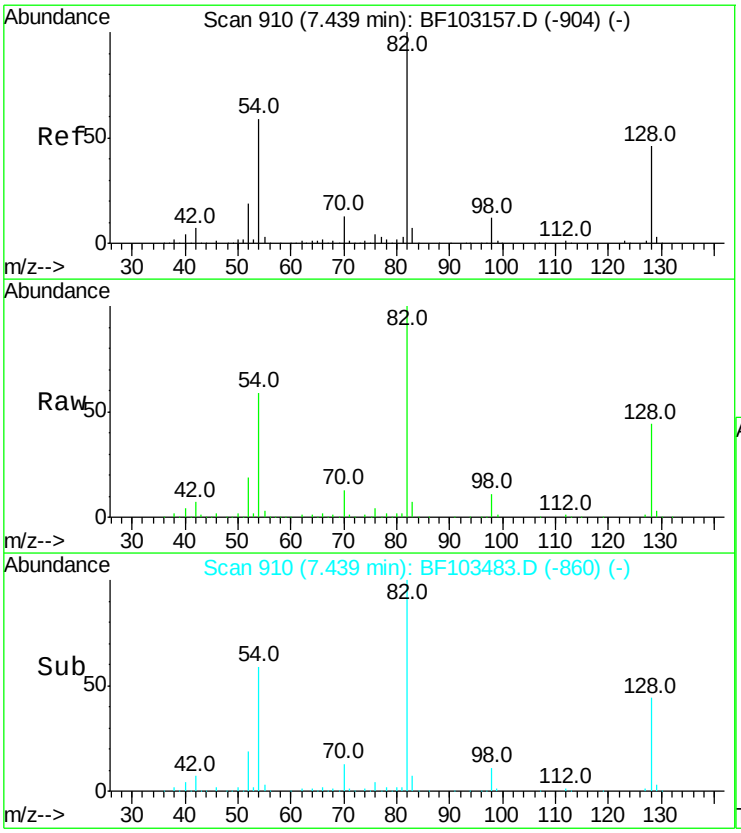
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF103483.D
Acq: 7 Mar 2018 3:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 578000

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	9.9	6.6	9.8#
68	6.6	5.0	7.4

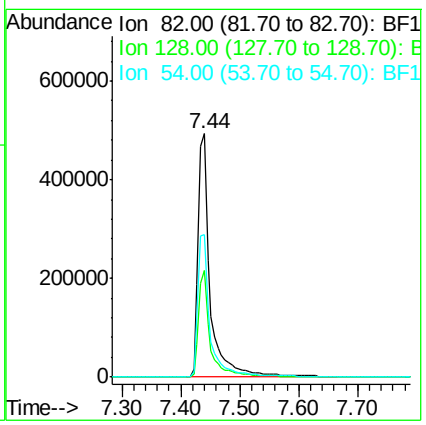


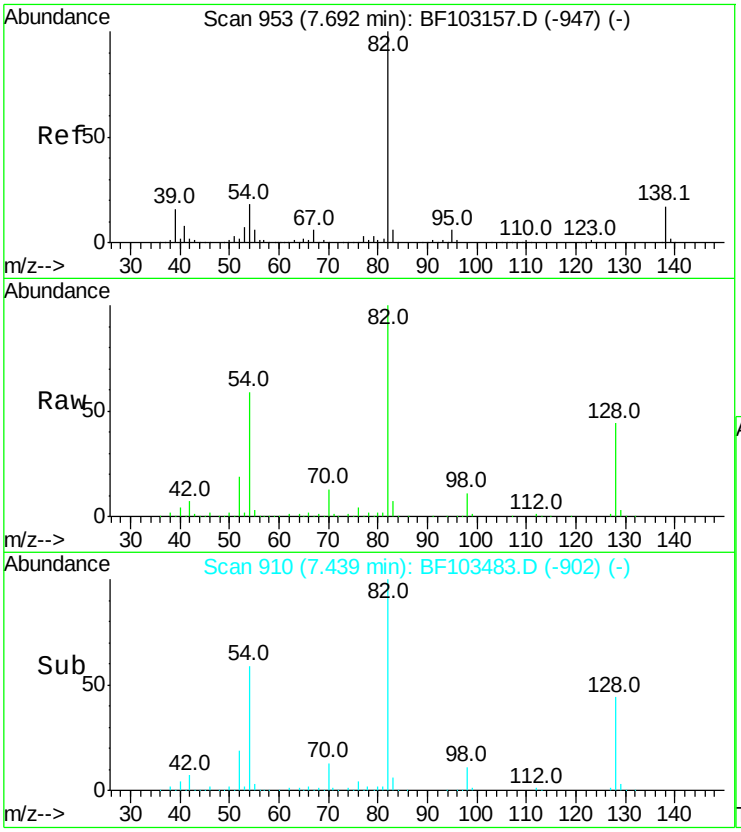


#23
Nitrobenzene-d5
Concen: 69.043 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF103483.D
Acq: 7 Mar 2018 3:39

Tgt Ion: 82 Resp: 698793

Ion	Ratio	Lower	Upper
82	100		
128	44.0	36.1	54.1
54	58.6	41.4	62.2



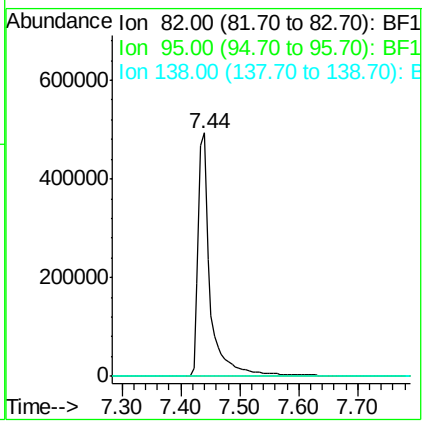


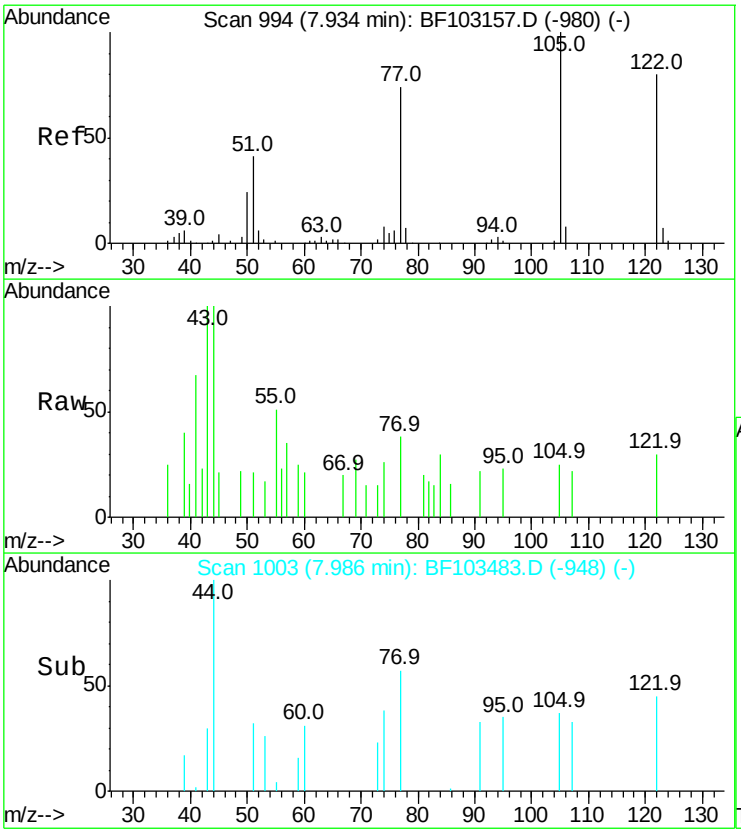
#25
Isophorone
Concen: 35.056 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.25 min
Lab File: BF103483.D
Acq: 7 Mar 2018 3:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 698793

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

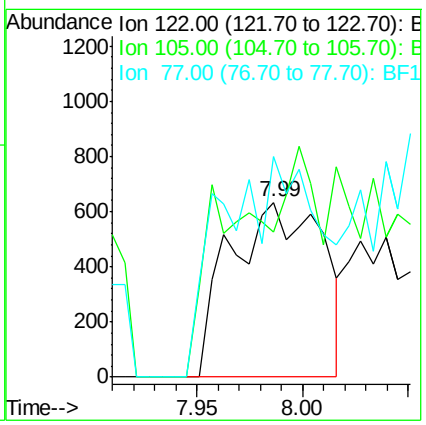


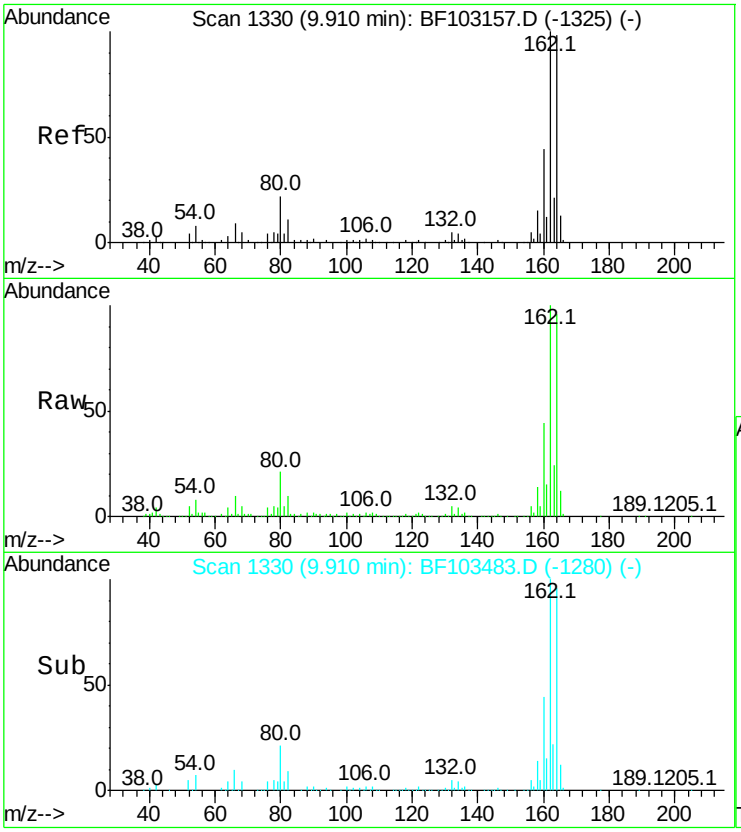


#32
Benzoic acid
Concen: 7.191 ng
RT: 7.99 min Scan# 1003
Delta R.T. 0.02 min
Lab File: BF103483.D
Acq: 7 Mar 2018 3:39

Tgt Ion:122 Resp: 1925

Ion	Ratio	Lower	Upper
122	100		
105	83.0	101.1	141.1#
77	126.3	70.7	110.7#



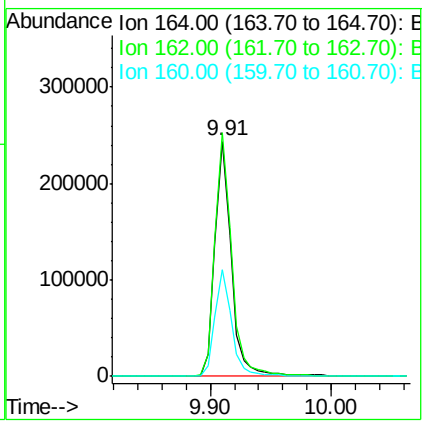


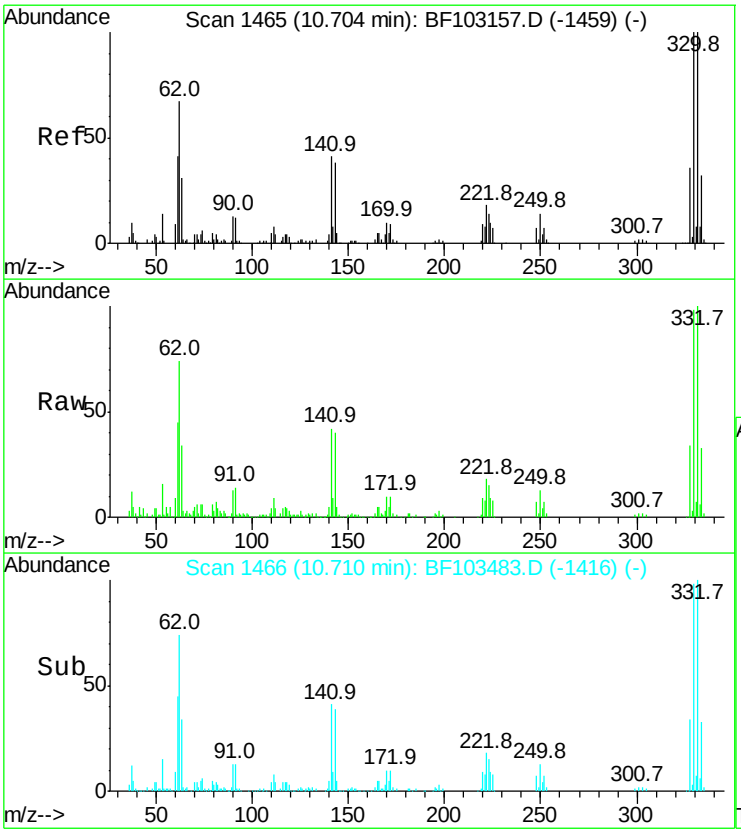
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF103483.D
Acq: 7 Mar 2018 3:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 228170

Ion	Ratio	Lower	Upper
164	100		
162	103.7	86.1	129.1
160	45.5	38.3	57.5

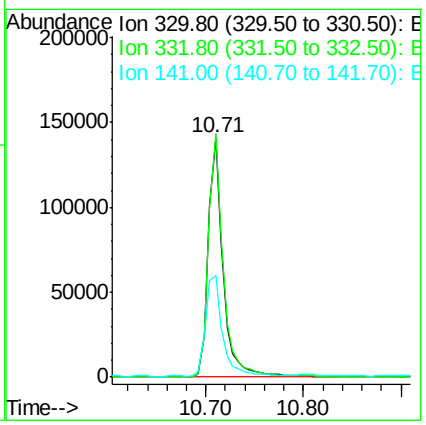


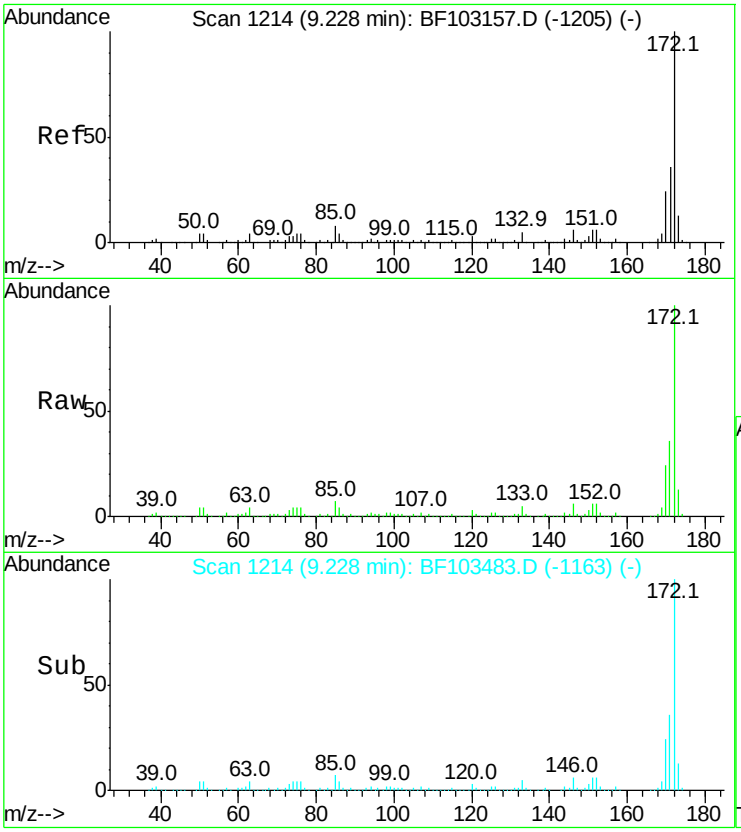


#41
2,4,6-Tribromophenol
Concen: 77.970 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF103483.D
Acq: 7 Mar 2018 3:39

Tgt Ion:330 Resp: 150586

Ion	Ratio	Lower	Upper
330	100		
332	102.2	77.0	115.6
141	47.9	29.9	44.9#



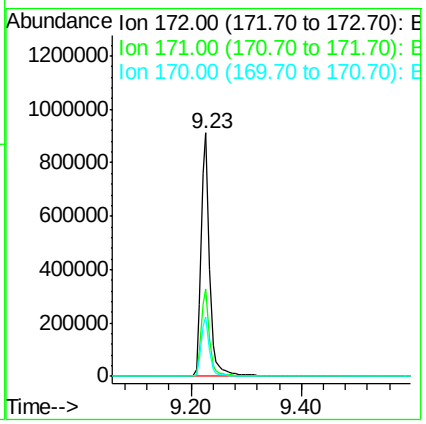


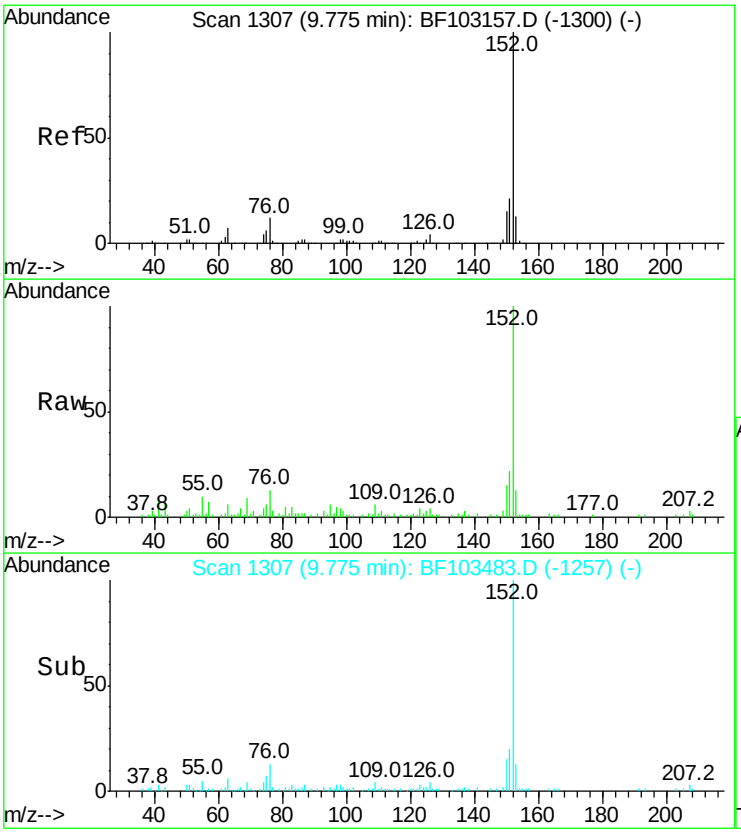
#44
2-Fluorobiphenyl
Concen: 69.520 ng
RT: 9.23 min Scan# 1214
Delta R.T. 0.00 min
Lab File: BF103483.D
Acq: 7 Mar 2018 3:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 962115

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	24.4	19.6	29.4

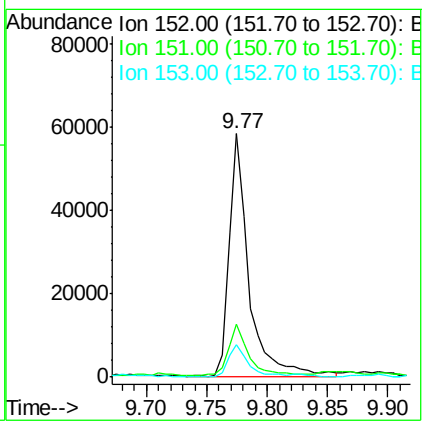


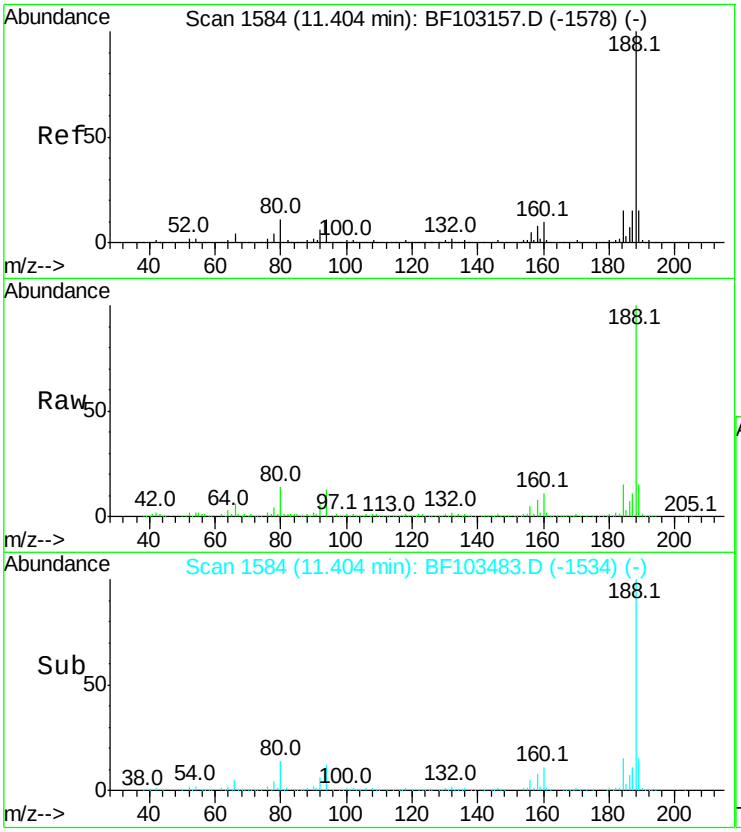


#48
Acenaphthylene
Concen: 2.899 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF103483.D
Acq: 7 Mar 2018 3:39

Tgt Ion:152 Resp: 67464

Ion	Ratio	Lower	Upper
152	100		
151	21.5	16.3	24.5
153	13.3	10.7	16.1



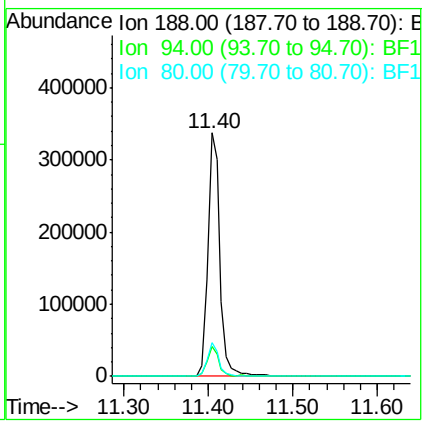


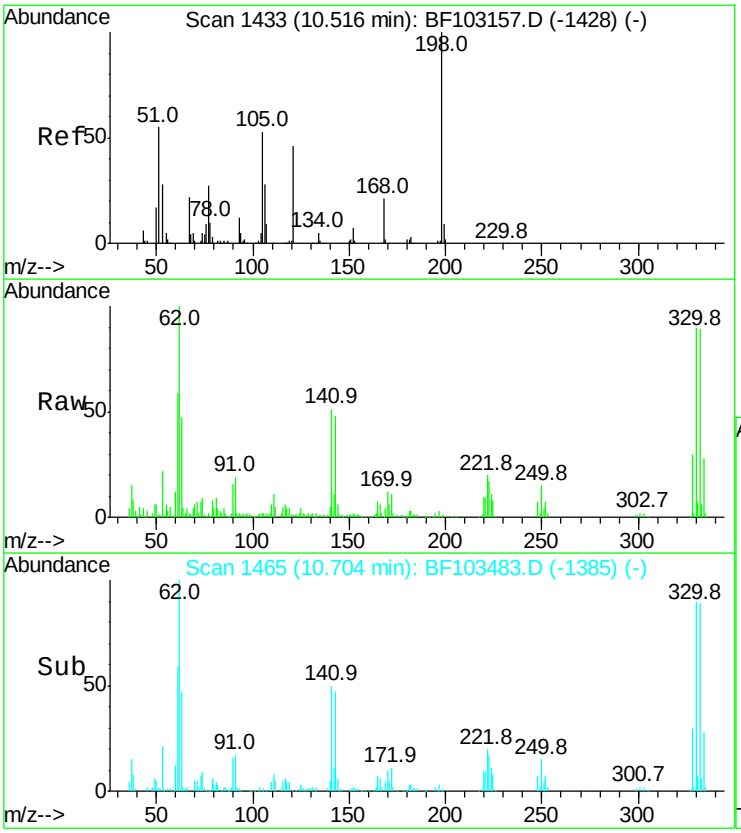
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF103483.D
Acq: 7 Mar 2018 3:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 339714

Ion	Ratio	Lower	Upper
188	100		
94	12.5	8.5	12.7
80	13.8	9.2	13.8

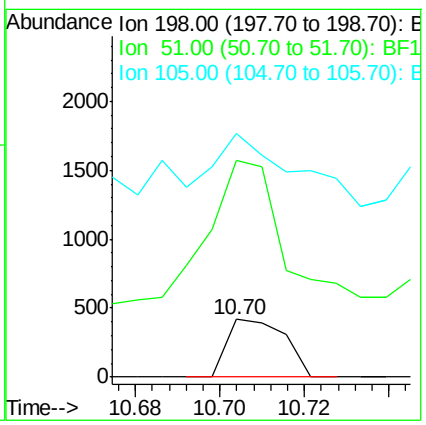


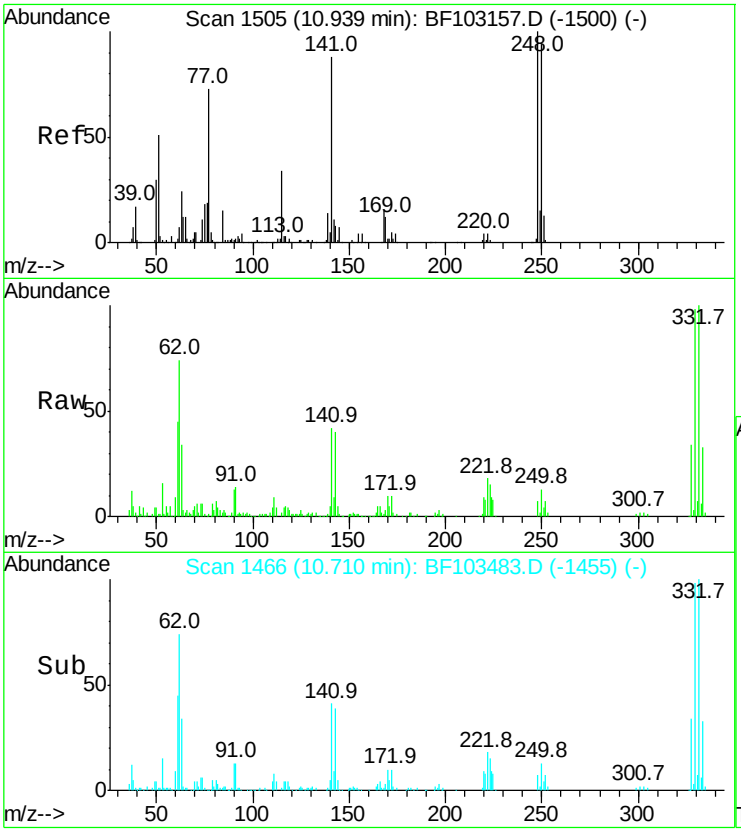


#64
4,6-Dinitro-2-methylphenol
Concen: 5.117 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.17 min
Lab File: BF103483.D
Acq: 7 Mar 2018 3:39

Tgt Ion:198 Resp: 396

Ion	Ratio	Lower	Upper
198	100		
51	377.9	37.7	77.7#
105	423.5	36.3	76.3#



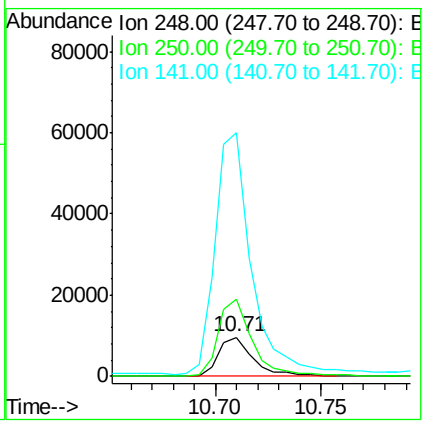


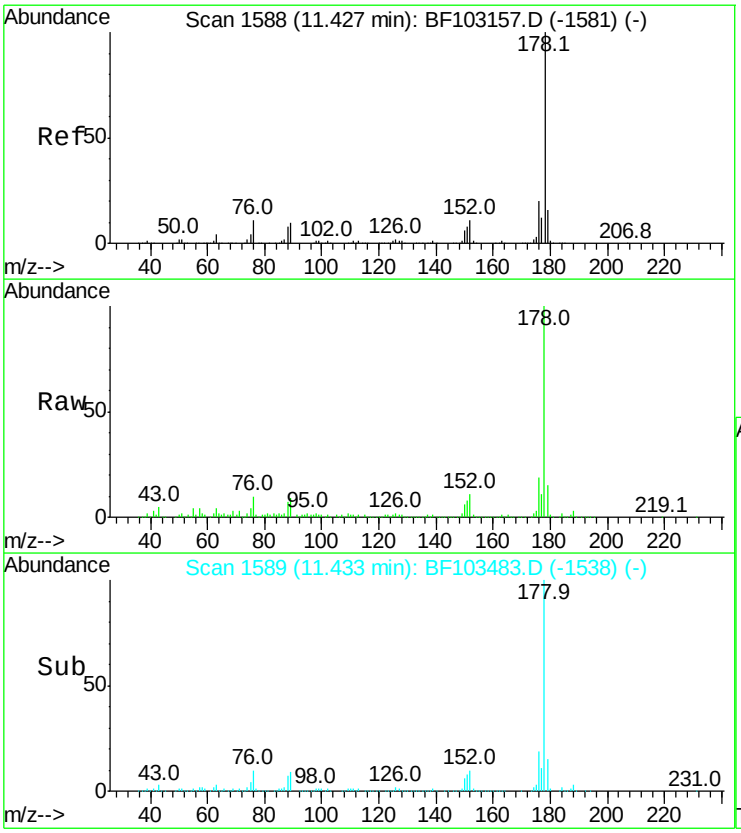
#66
4-Bromophenyl-phenylether
Concen: 3.055 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.24 min
Lab File: BF103483.D
Acq: 7 Mar 2018 3:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 10810

Ion	Ratio	Lower	Upper
248	100		
250	198.7	76.9	115.3#
141	623.4	74.4	111.6#

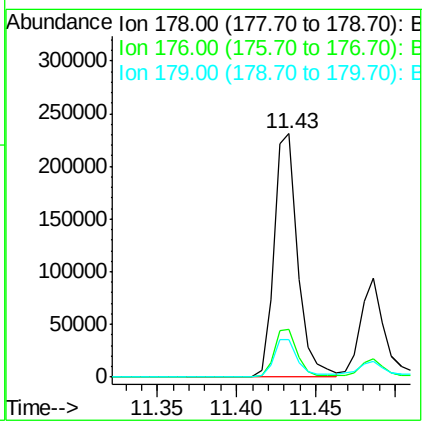


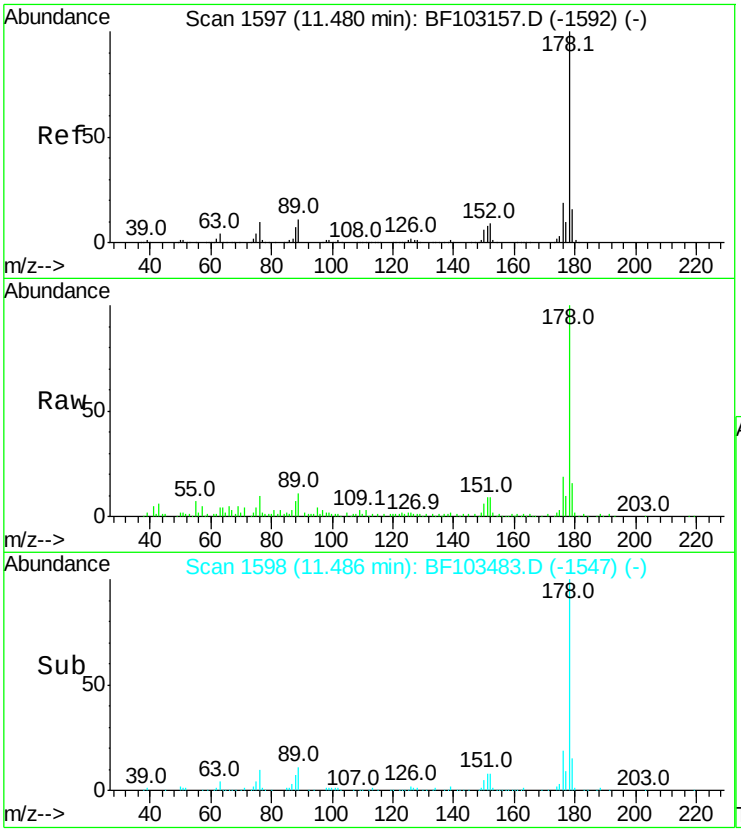


#70
Phenanthrene
Concen: 12.853 ng
RT: 11.43 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BF103483.D
Acq: 7 Mar 2018 3:39

Tgt Ion:178 Resp: 240290

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	15.2	13.0	19.6



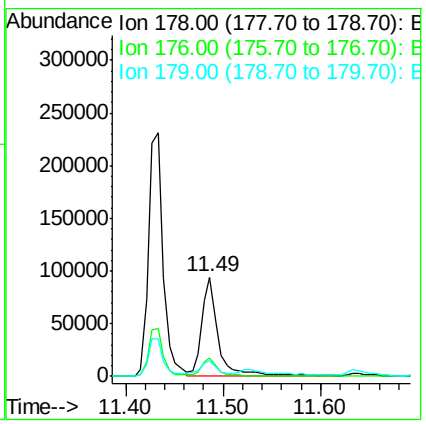


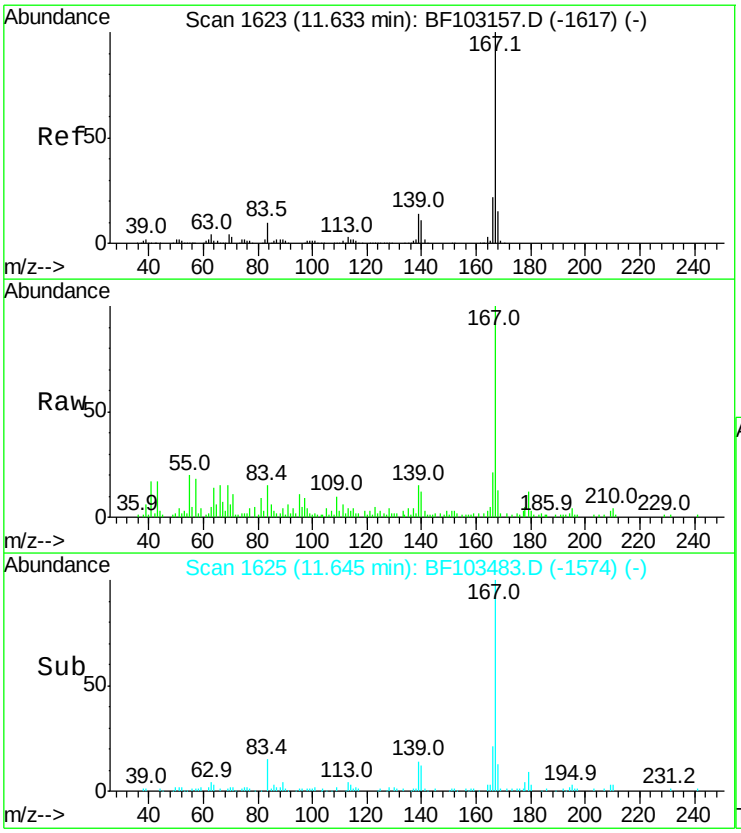
#71
Anthracene
Concen: 5.570 ng
RT: 11.49 min Scan# 1598
Delta R.T. 0.00 min
Lab File: BF103483.D
Acq: 7 Mar 2018 3:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 106778

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.2
179	15.6	12.6	19.0

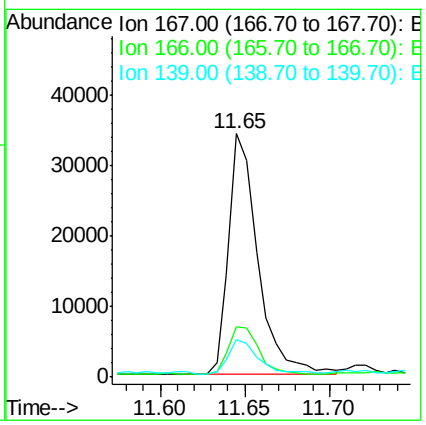


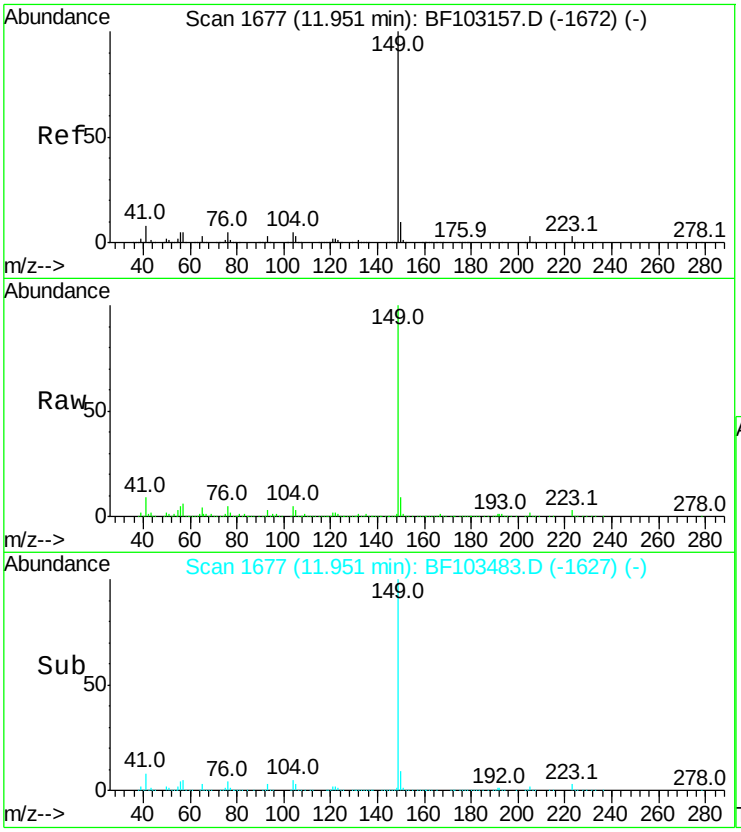


#72
Carbazole
Concen: 2.145 ng
RT: 11.65 min Scan# 1625
Delta R.T. 0.00 min
Lab File: BF103483.D
Acq: 7 Mar 2018 3:39

Tgt Ion:167 Resp: 40944

Ion	Ratio	Lower	Upper
167	100		
166	20.9	17.6	26.4
139	15.3	10.9	16.3



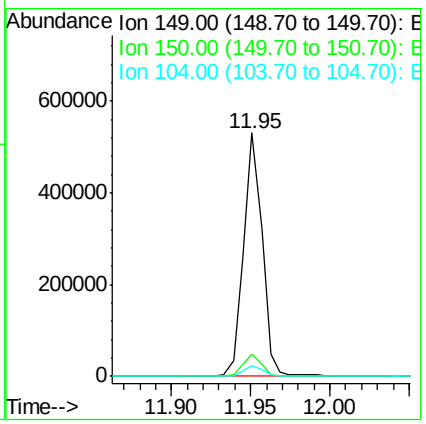


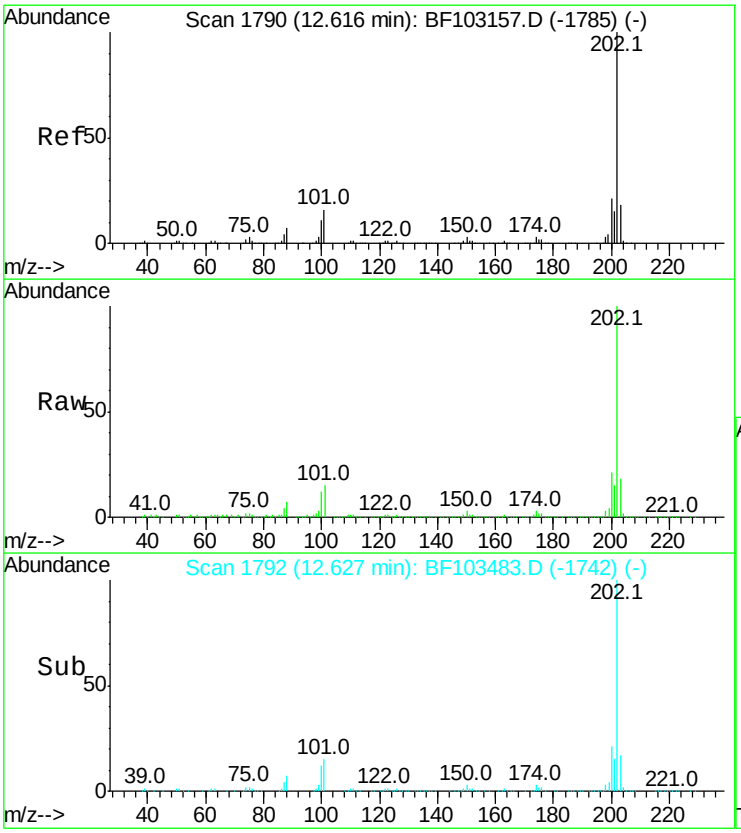
#73
Di-n-butylphthalate
Concen: 17.834 ng
RT: 11.95 min Scan# 1677
Delta R.T. -0.01 min
Lab File: BF103483.D
Acq: 7 Mar 2018 3:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 426029

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.8	11.6
104	4.6	3.8	5.8

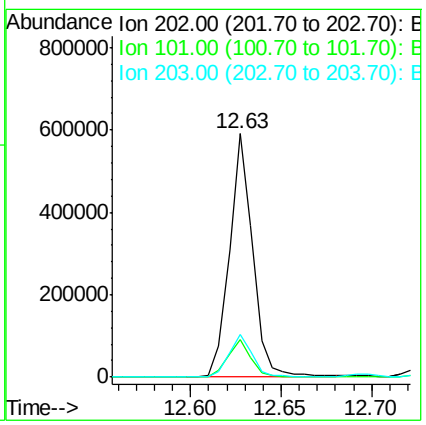


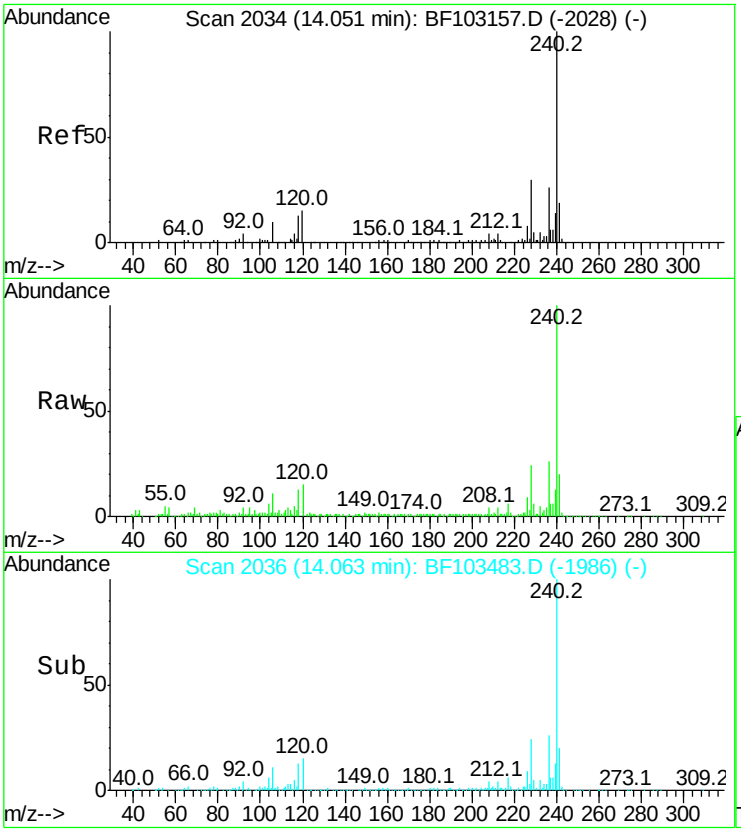


#74
Fluoranthene
Concen: 28.148 ng
RT: 12.63 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BF103483.D
Acq: 7 Mar 2018 3:39

Tgt Ion:202 Resp: 528814

Ion	Ratio	Lower	Upper
202	100		
101	15.2	0.0	34.1
203	17.6	0.0	38.1



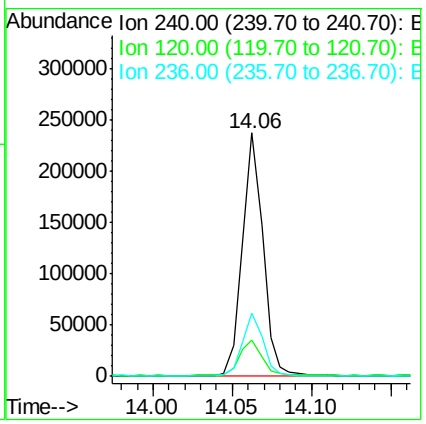


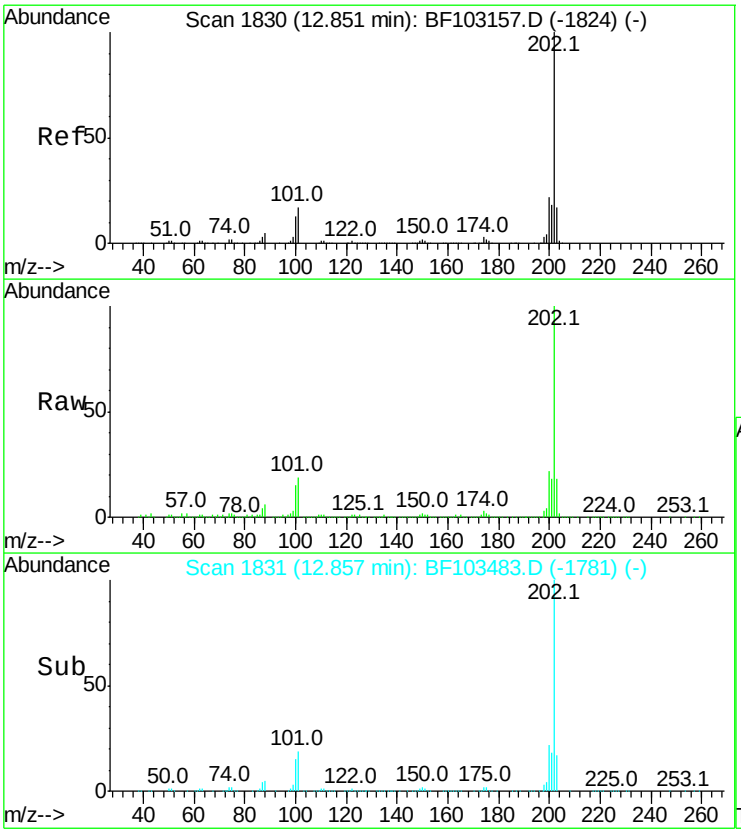
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF103483.D
Acq: 7 Mar 2018 3:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 216960

Ion	Ratio	Lower	Upper
240	100		
120	15.1	9.5	14.3#
236	25.9	20.7	31.1

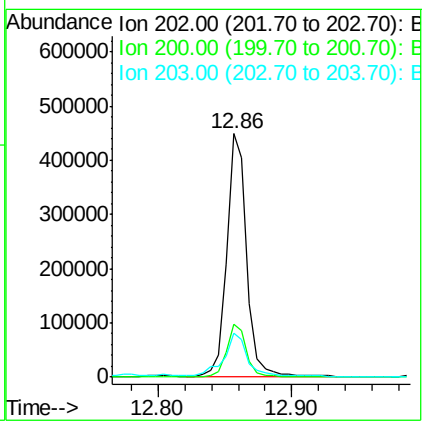


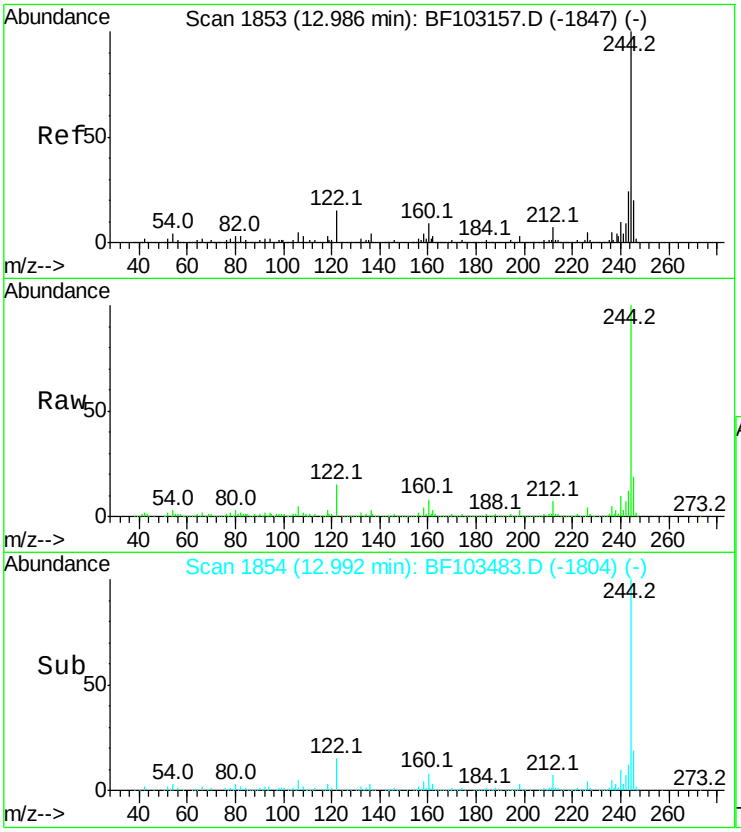


#77
Pyrene
Concen: 27.584 ng
RT: 12.86 min Scan# 1831
Delta R.T. -0.01 min
Lab File: BF103483.D
Acq: 7 Mar 2018 3:39

Tgt Ion:202 Resp: 466595

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.4	26.2
203	17.8	14.3	21.5



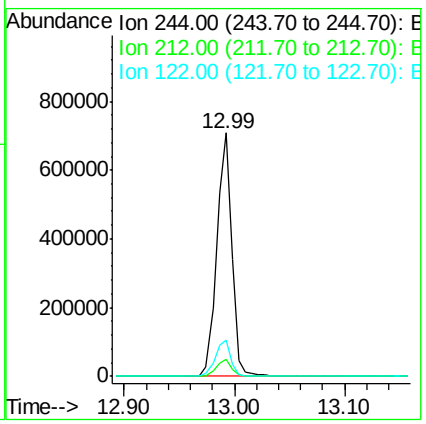


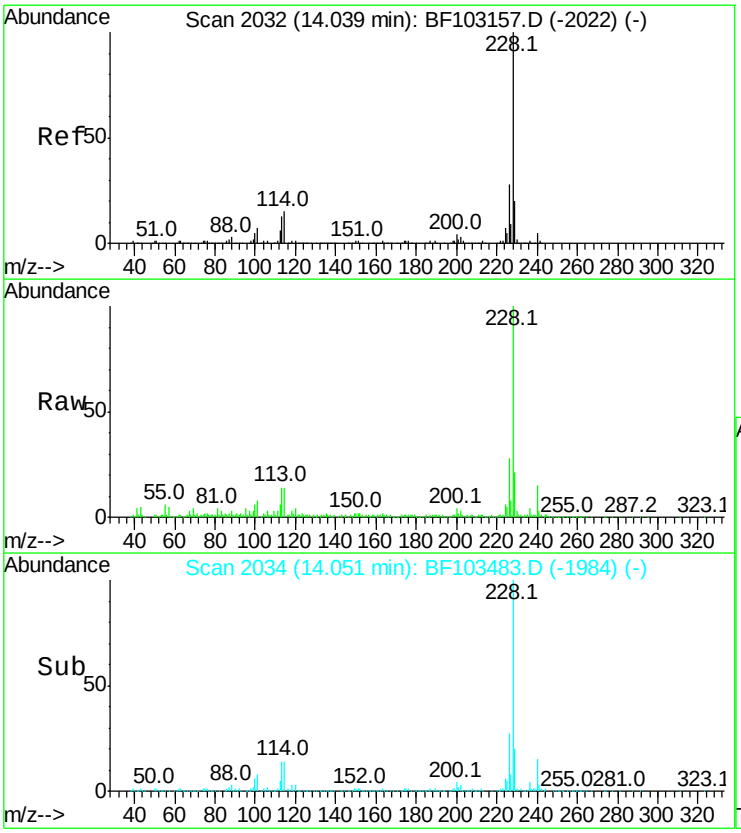
#78
Terphenyl-d14
Concen: 74.272 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF103483.D
Acq: 7 Mar 2018 3:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 670336

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	14.8	11.0	16.4

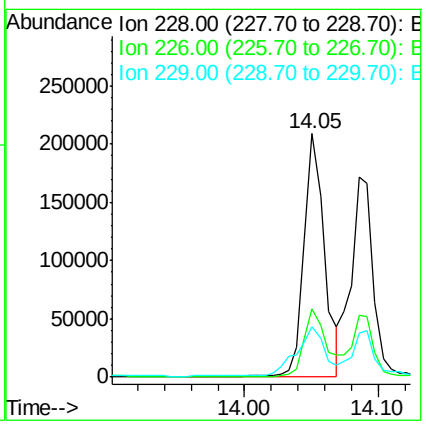


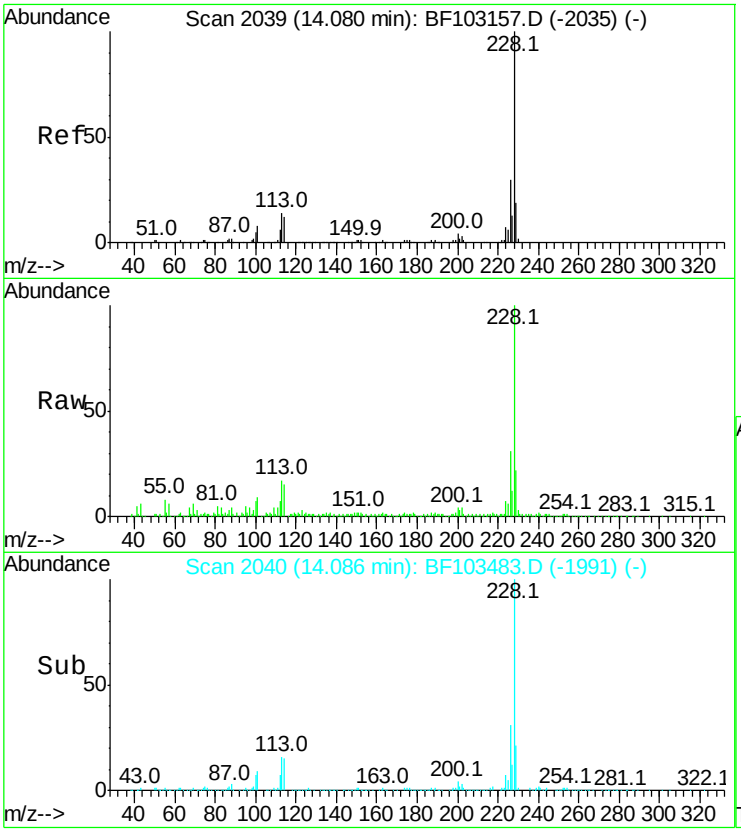


#80
Benzo(a)anthracene
Concen: 15.526 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF103483.D
Acq: 7 Mar 2018 3:39

Tgt Ion:228 Resp: 218566

Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	33.8
229	20.9	15.8	23.6



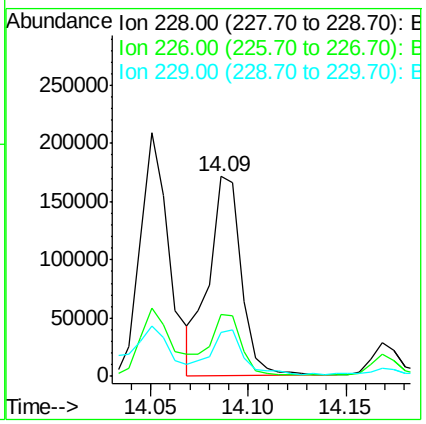


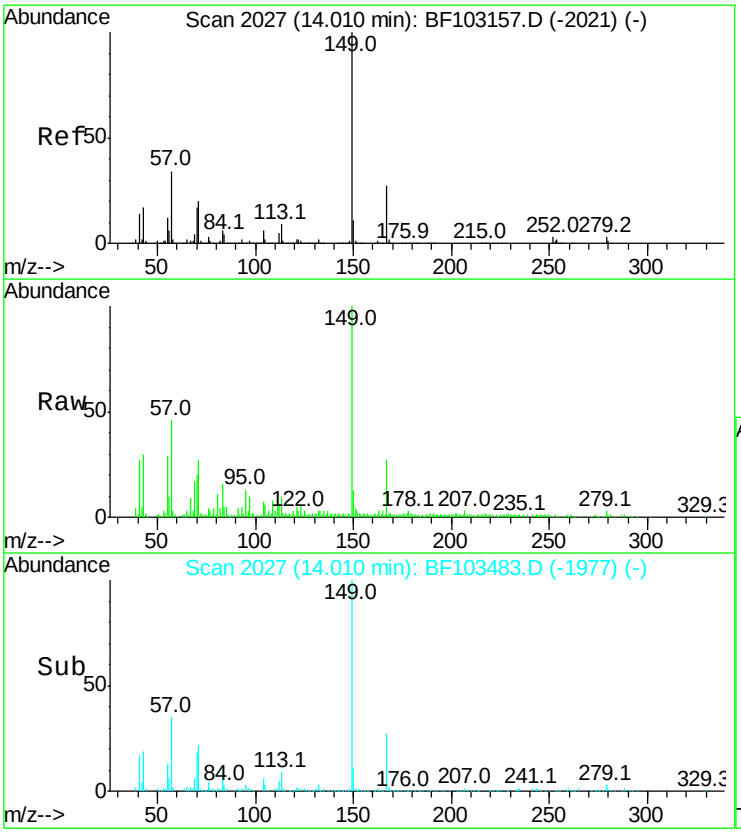
#82
Chrysene
Concen: 14.540 ng
RT: 14.09 min Scan# 2040
Delta R.T. -0.01 min
Lab File: BF103483.D
Acq: 7 Mar 2018 3:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 198737

Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.0	37.6
229	21.8	16.2	24.4

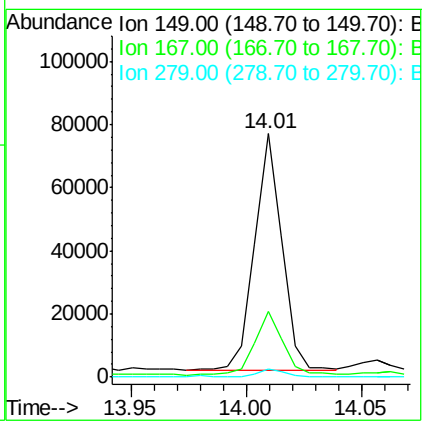


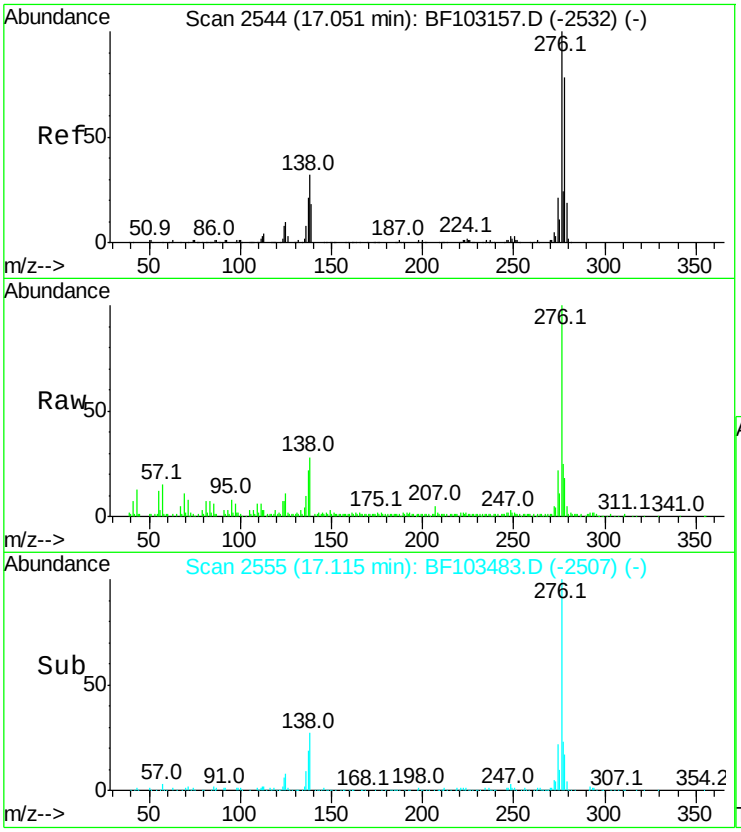


#83
Bis(2-ethylhexyl)phthalate
Concen: 5.108 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF103483.D
Acq: 7 Mar 2018 3:39

Tgt Ion:149 Resp: 61607

Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.3	31.9
279	3.1	3.0	4.4



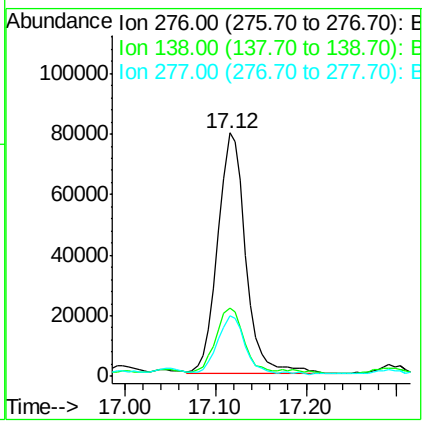


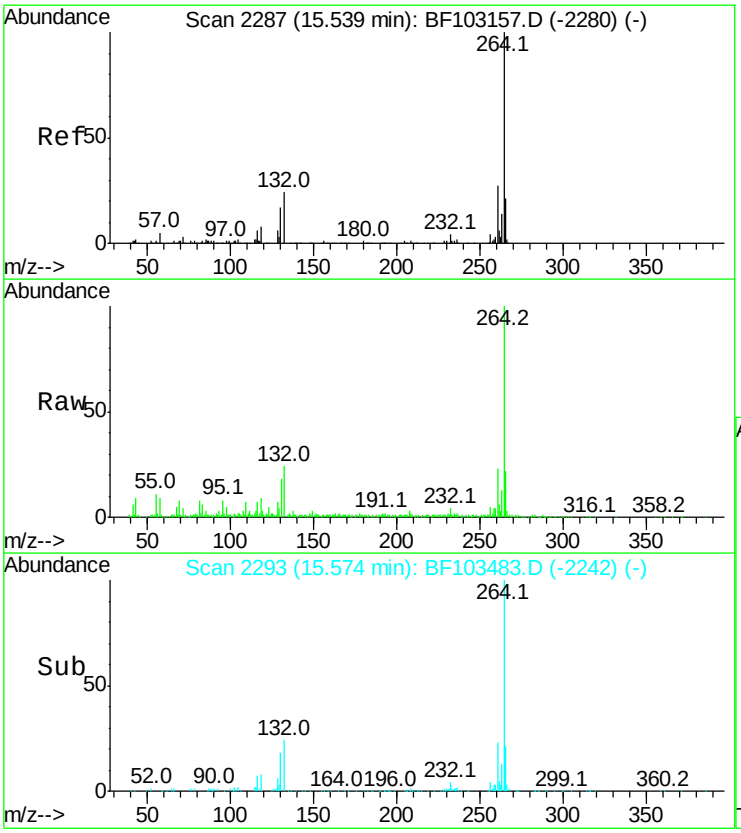
#85
Indeno(1,2,3-cd)pyrene
Concen: 15.817 ng
RT: 17.12 min Scan# 2555
Delta R.T. -0.02 min
Lab File: BF103483.D
Acq: 7 Mar 2018 3:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 171156

Ion	Ratio	Lower	Upper
276	100		
138	26.3	25.0	37.6
277	22.8	20.1	30.1

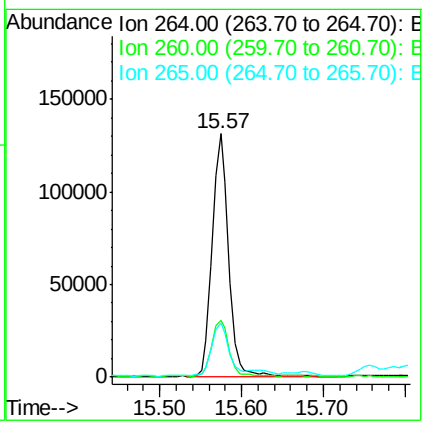


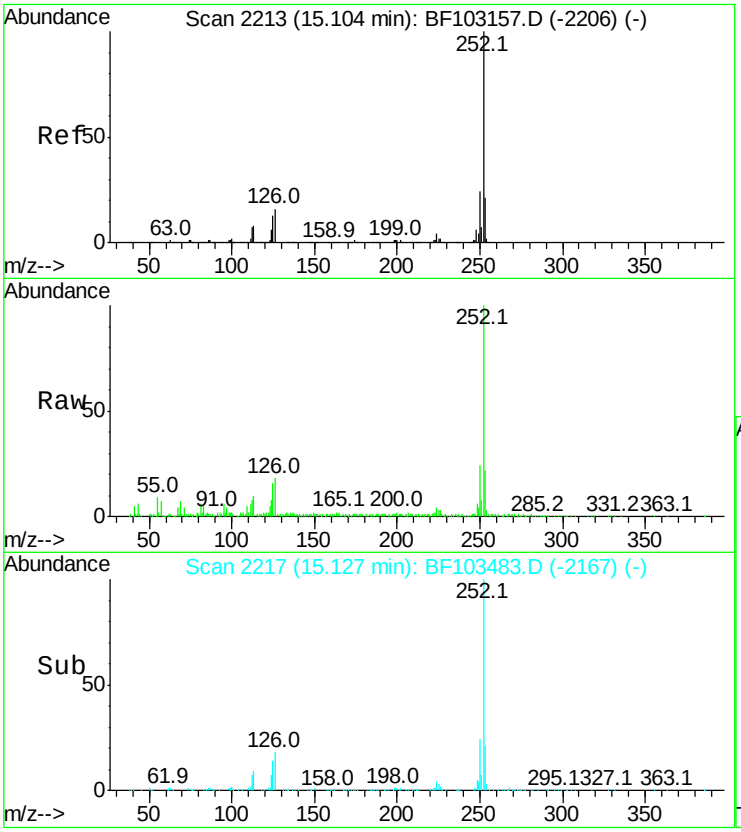


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: BF103483.D
Acq: 7 Mar 2018 3:39

Tgt Ion:264 Resp: 183918

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	22.1	17.5	26.3



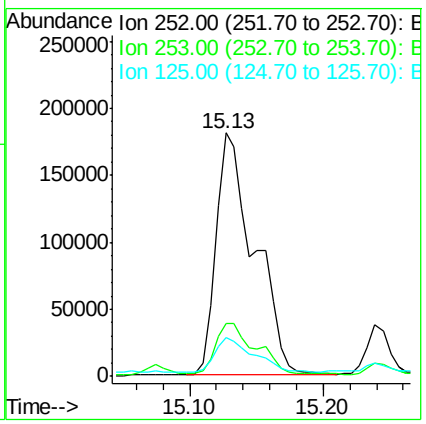


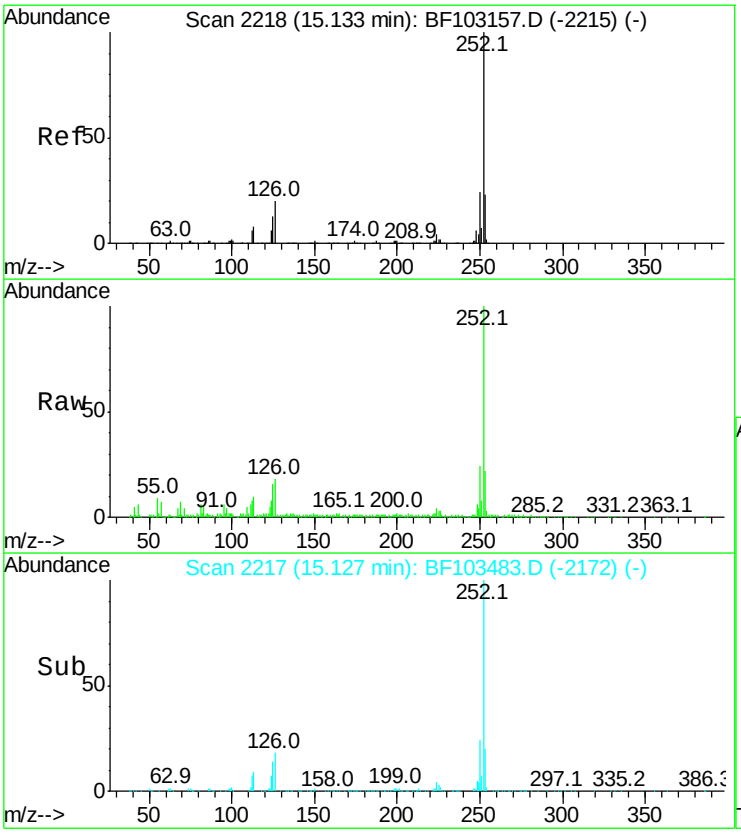
#87
Benzo(b)fluoranthene
Concen: 30.126 ng
RT: 15.13 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF103483.D
Acq: 7 Mar 2018 3:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 364302

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.0	25.6
125	15.7	9.0	13.6#

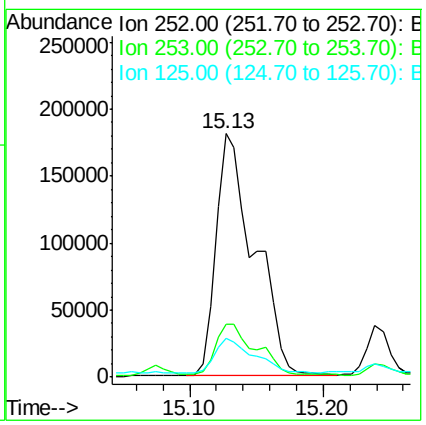


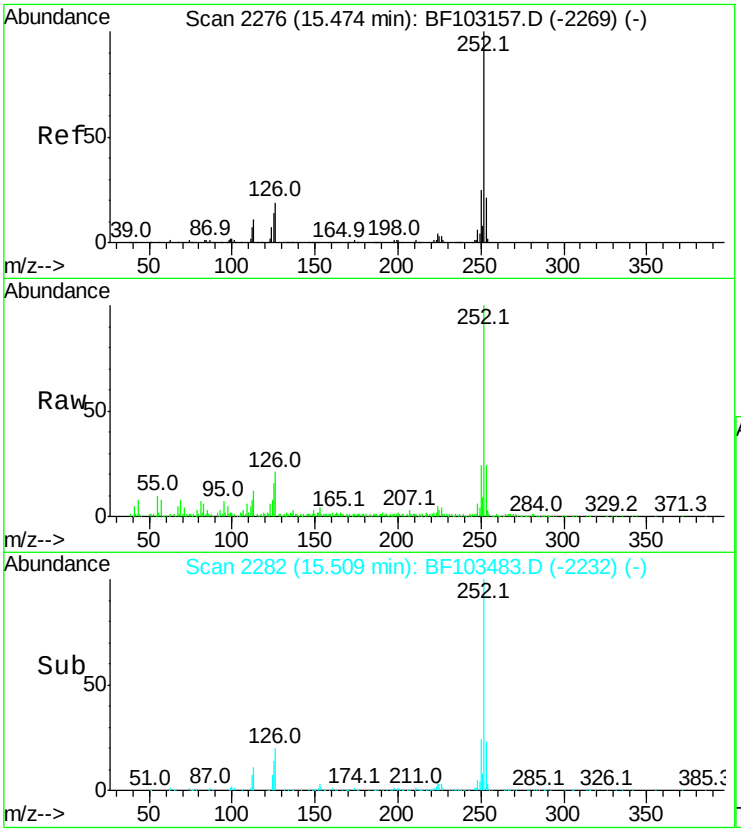


#88
Benzo(k)fluoranthene
Concen: 31.993 ng
RT: 15.13 min Scan# 2217
Delta R.T. -0.04 min
Lab File: BF103483.D
Acq: 7 Mar 2018 3:39

Tgt Ion:252 Resp: 364302

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.9	26.9
125	15.7	10.2	15.2#



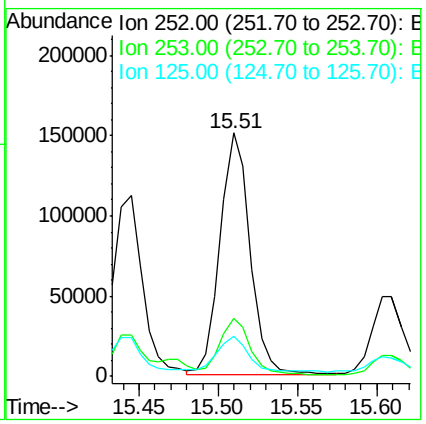


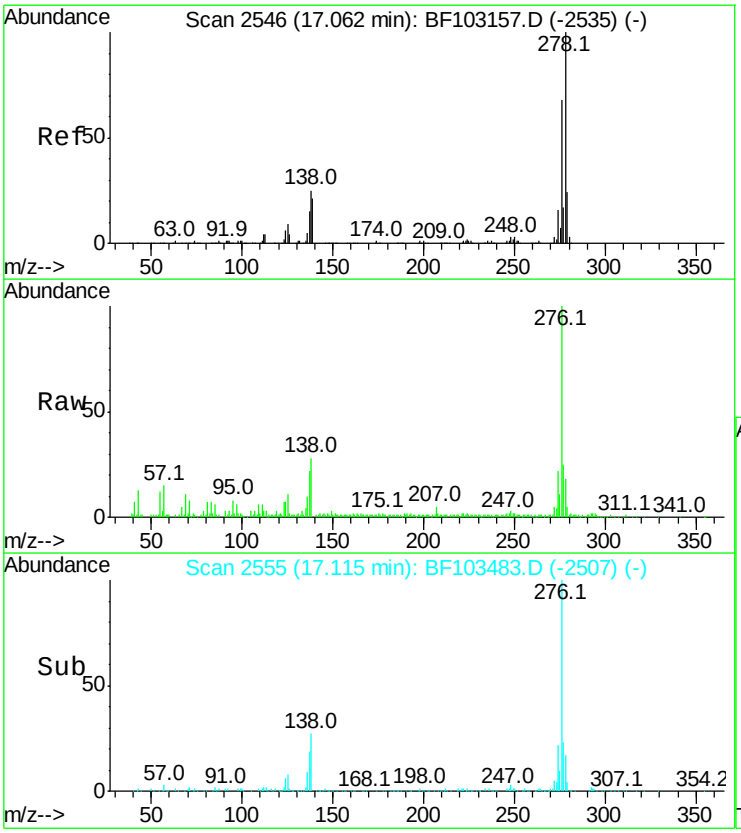
#89
Benzo(a)pyrene
Concen: 18.372 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF103483.D
Acq: 7 Mar 2018 3:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 198389

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.1	25.7
125	16.4	9.8	14.6#

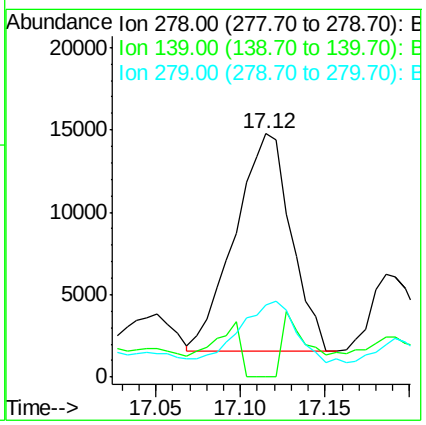


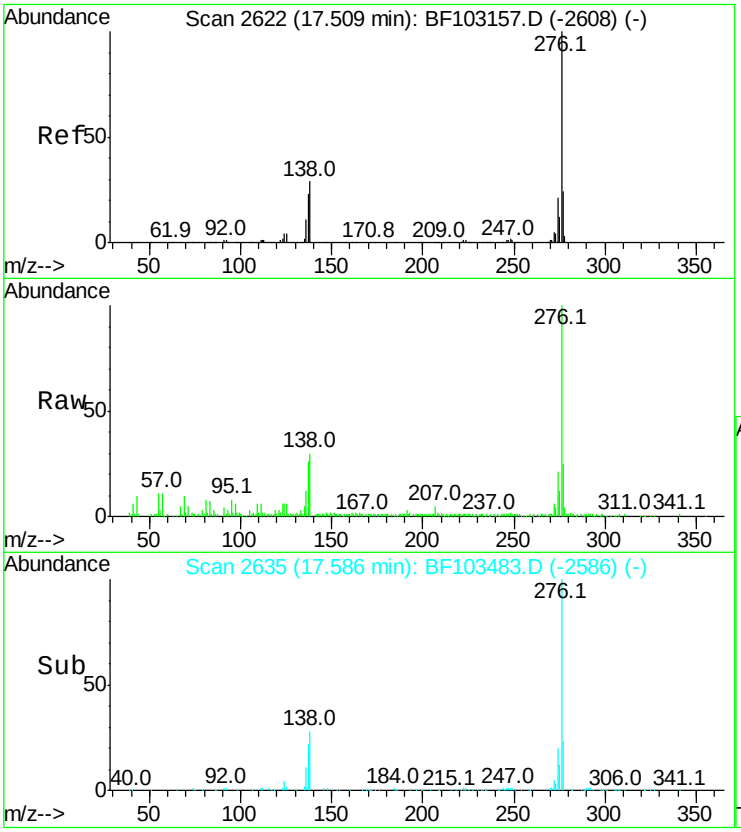


#90
Dibenzo(a,h)anthracene
Concen: 3.657 ng
RT: 17.12 min Scan# 2555
Delta R.T. -0.02 min
Lab File: BF103483.D
Acq: 7 Mar 2018 3:39

Tgt Ion:278 Resp: 30511

Ion	Ratio	Lower	Upper
278	100		
139	0.0	15.9	23.9#
279	29.6	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 22.446 ng
RT: 17.59 min Scan# 2635
Delta R.T. -0.01 min
Lab File: BF103483.D
Acq: 7 Mar 2018 3:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 183051

Ion	Ratio	Lower	Upper
276	100		
277	24.5	17.9	26.9
138	30.5	21.8	32.8