Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF033018\
Data File : BF104117.D
Acq On : 31 Mar 2018 2:10
Operator : JU/SJ
Sample : J2142-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 31 03:50:58 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 30 17:20:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	109568	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	447733	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	191246	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	298141	20.00	ng	0.00
75) Chrysene-d12	14.14	240	235157	20.00	ng	0.00
86) Perylene-d12	15.69	264	201064	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	649571	94.54	ng	0.01
7) Phenol-d6	6.59	99	874107	103.41	ng	0.00
23) Nitrobenzene-d5	7.52	82	505104	68.99	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	173589	81.52	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	791522	65.26	ng	0.00
78) Terphenyl-d14	13.07	244	634655	62.32	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.60	77	1444	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.52	70	59837	11.928	ng	# 76
25) Isophorone	7.52	82	507110	37.585	ng	# 64
49) Dimethylphthalate	9.70	163	65991	4.370	ng	100
50) 2,6-Dinitrotoluene	9.99	165	24485	7.537	ng	# 25
55) 4-Nitrophenol	10.20	139	6649	2.970	ng	# 9
56) 2,4-Dinitrotoluene	9.99	165	24923	6.012	ng	# 23
57) Fluorene	10.54	166	28799	2.107	ng	# 98
66) 4-Bromophenyl-phenylether	10.79	248	10330	3.239	ng	# 1
70) Phenanthrene	11.52	178	393615	24.385	ng	99
71) Anthracene	11.57	178	138871	8.236	ng	97
74) Fluoranthene	12.71	202	747414	43.561	ng	98
77) Pyrene	12.94	202	618383	36.581	ng	99
80) Benzo(a)anthracene	14.13	228	340145	23.117	ng	98
82) Chrysene	14.17	228	279051	19.363	ng	97
85) Indeno(1,2,3-cd)pyrene	17.26	276	118748	7.951	ng	# 87
87) Benzo(b)fluoranthene	15.23	252	435975	35.629	ng	98
88) Benzo(k)fluoranthene	15.23	252	435975	37.822	ng	99
89) Benzo(a)pyrene	15.62	252	223905	19.745	ng	97
90) Dibenzo(a,h)anthracene	17.27	278	24220	2.310	ng	96
91) Benzo(g,h,i)perylene	17.74	276	100974	9.616	ng	96

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

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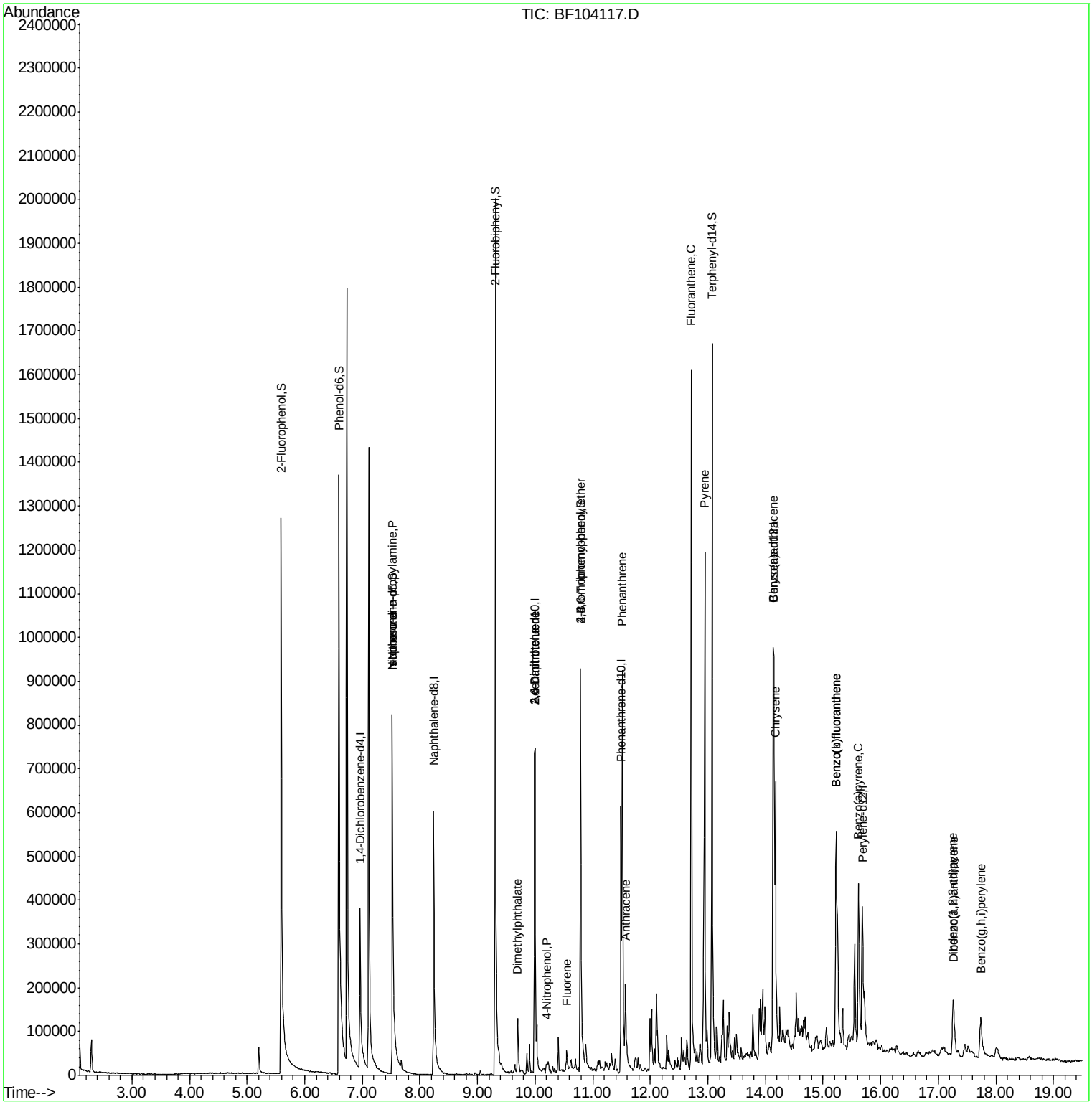
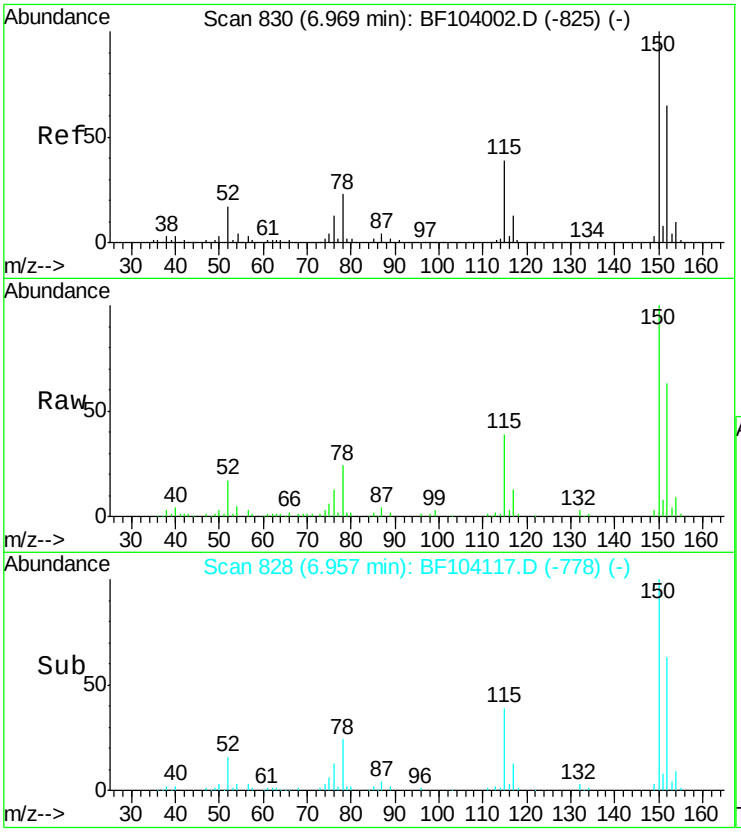


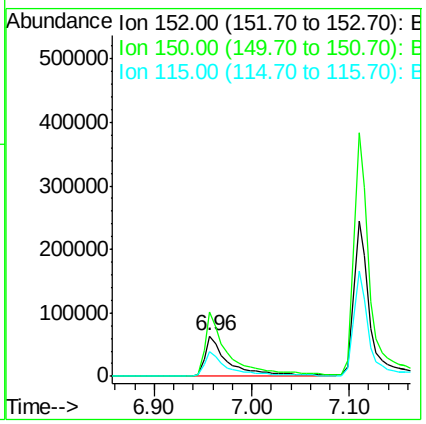


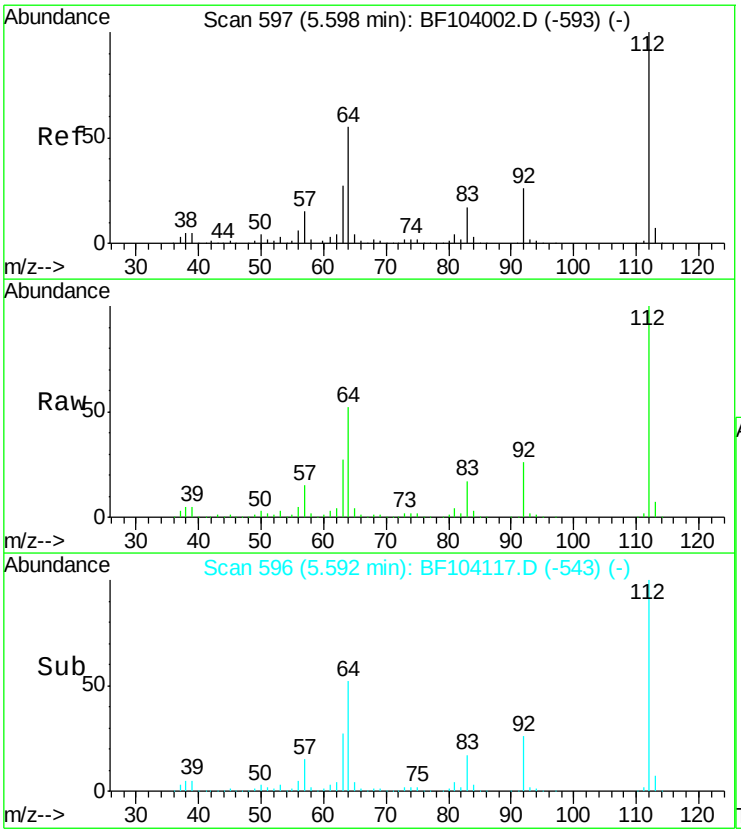
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF104117.D
Acq: 31 Mar 2018 2:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 109568

Ion	Ratio	Lower	Upper
152	100		
150	159.8	124.6	186.8
115	62.8	50.1	75.1

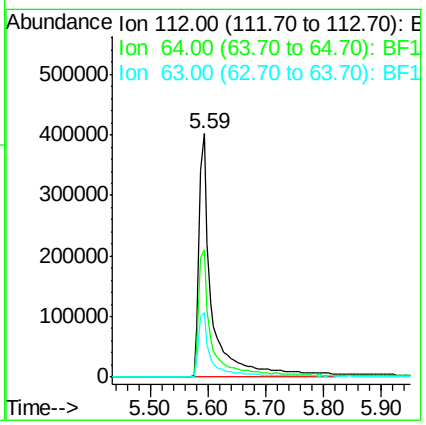


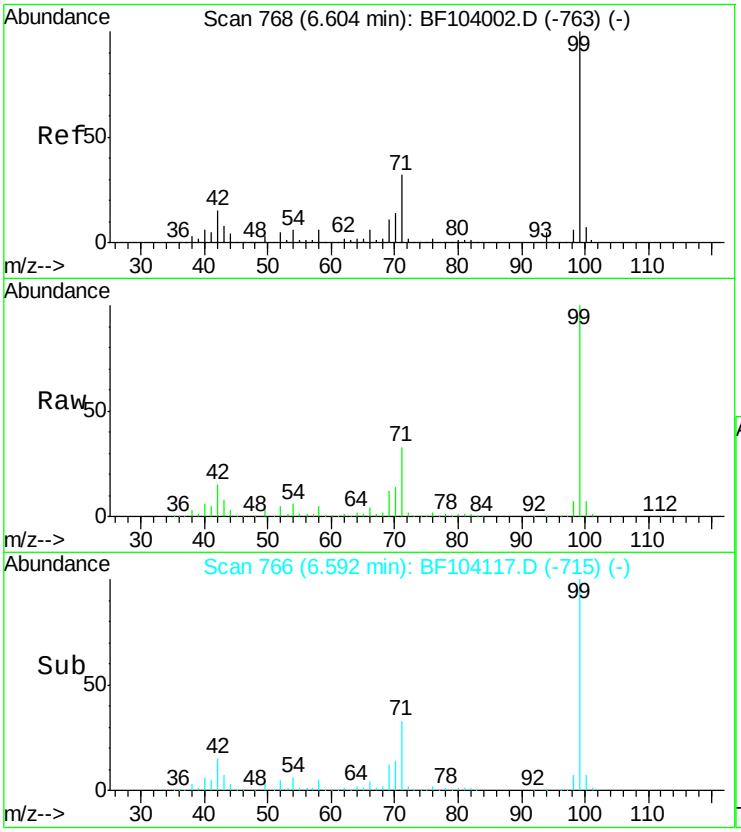


#5
2-Fluorophenol
Concen: 94.544 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.01 min
Lab File: BF104117.D
Acq: 31 Mar 2018 2:10

Tgt Ion:112 Resp: 649571

Ion	Ratio	Lower	Upper
112	100		
64	52.3	47.9	71.9
63	26.6	23.7	35.5



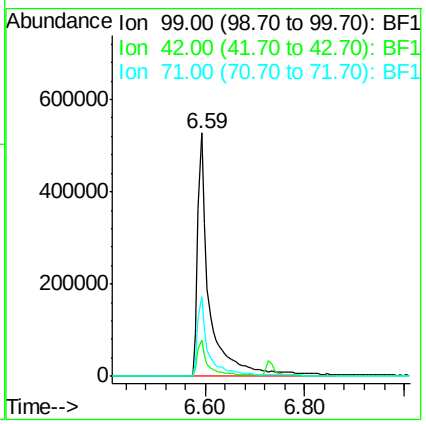


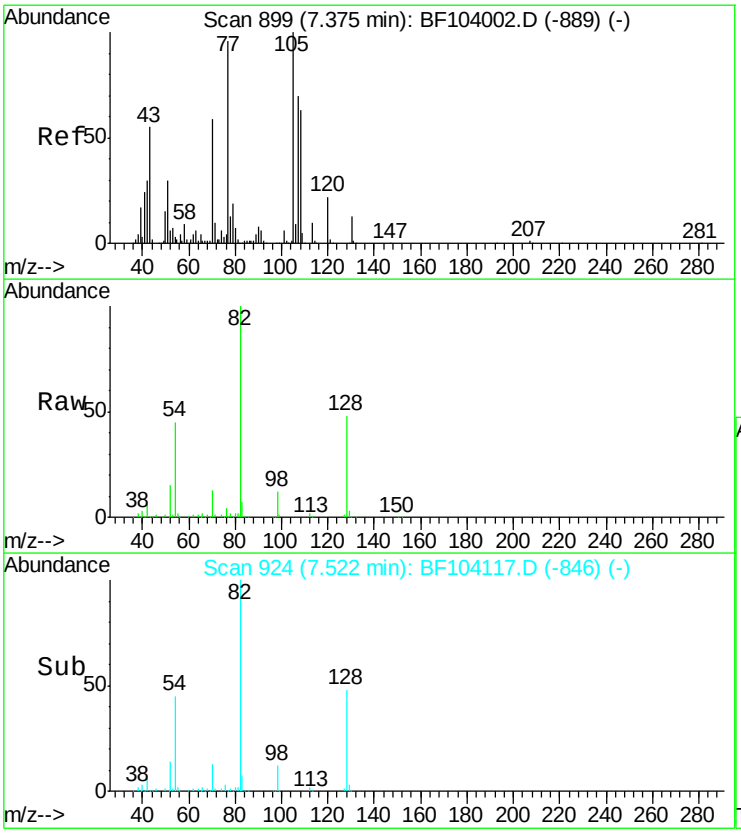
#7
Phenol-d6
Concen: 103.410 ng
RT: 6.59 min Scan# 766
Delta R.T. -0.00 min
Lab File: BF104117.D
Acq: 31 Mar 2018 2:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 874107

Ion	Ratio	Lower	Upper
99	100		
42	15.0	14.5	21.7
71	32.6	25.4	38.0

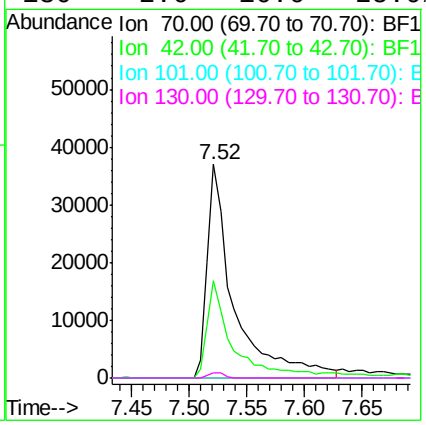


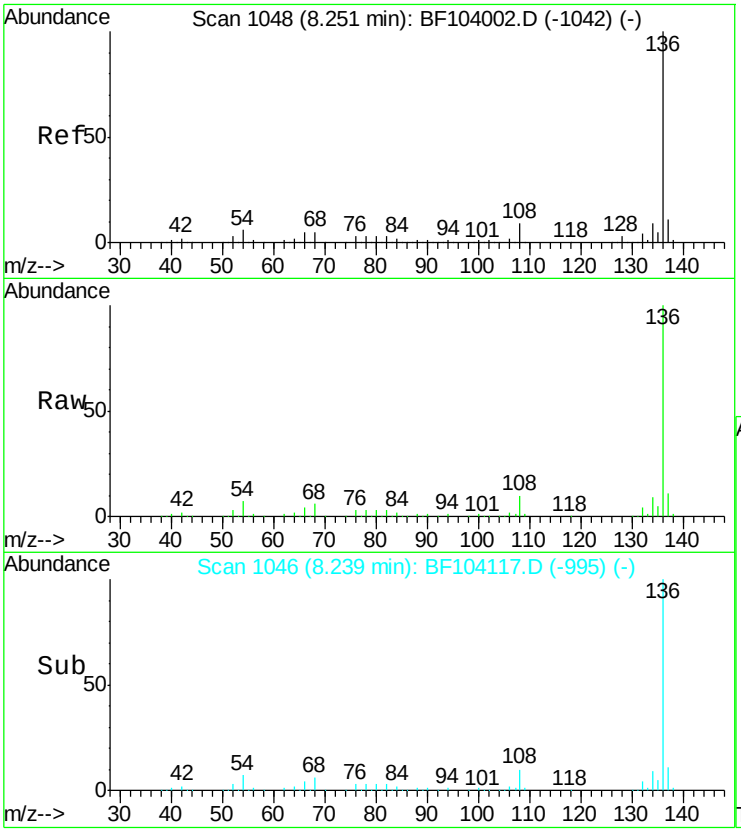


#19
n-Nitroso-di-n-propylamine
Concen: 11.928 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.16 min
Lab File: BF104117.D
Acq: 31 Mar 2018 2:10

Tgt Ion: 70 Resp: 59837

Ion	Ratio	Lower	Upper
70	100		
42	45.7	47.5	71.3#
101	0.0	7.4	11.2#
130	2.6	16.6	25.0#



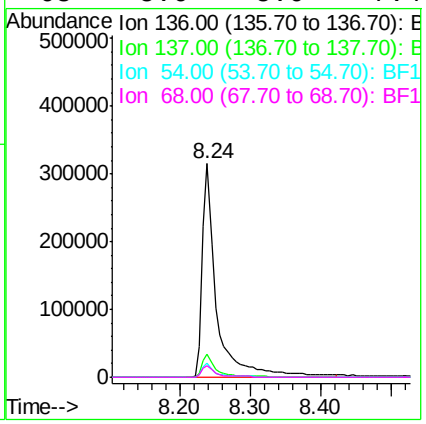


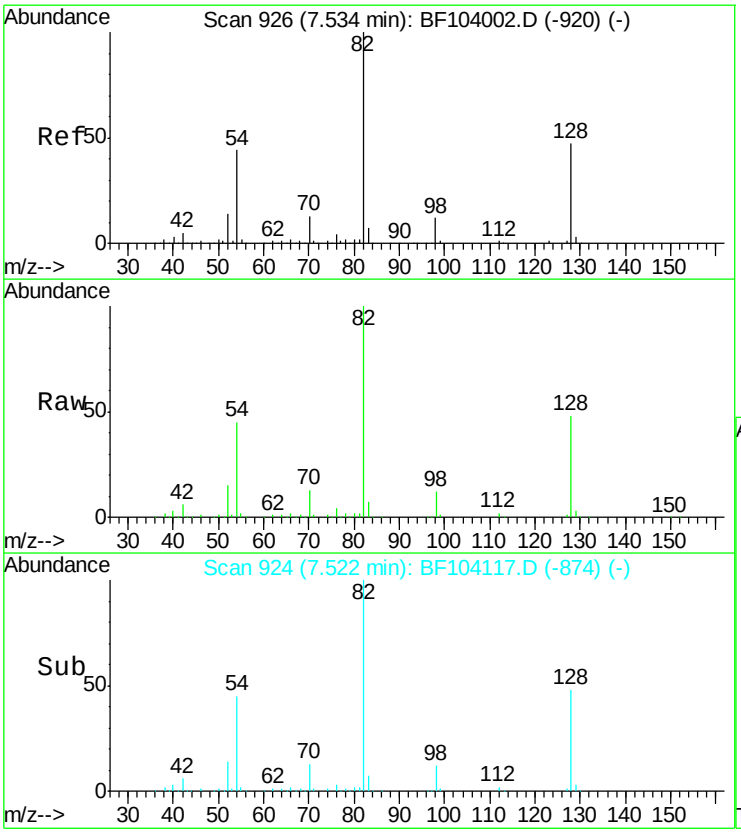
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BF104117.D
Acq: 31 Mar 2018 2:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 447733

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	6.7	6.6	9.8
68	5.6	5.0	7.4

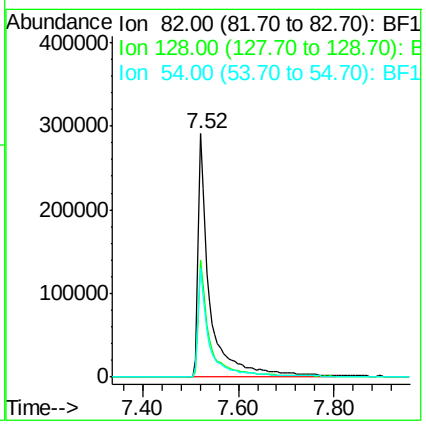


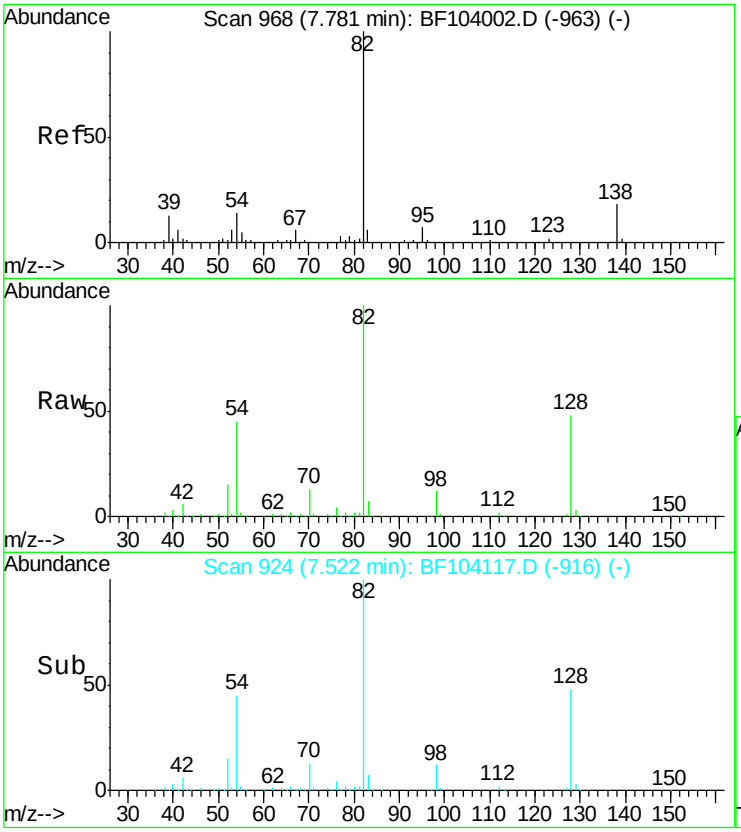


#23
Nitrobenzene-d5
Concen: 68.992 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.01 min
Lab File: BF104117.D
Acq: 31 Mar 2018 2:10

Tgt Ion: 82 Resp: 505104

Ion	Ratio	Lower	Upper
82	100		
128	48.1	36.1	54.1
54	44.9	41.4	62.2



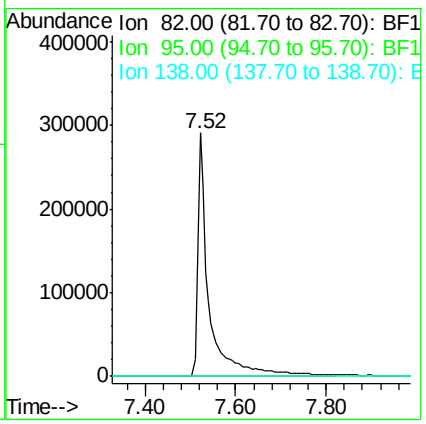


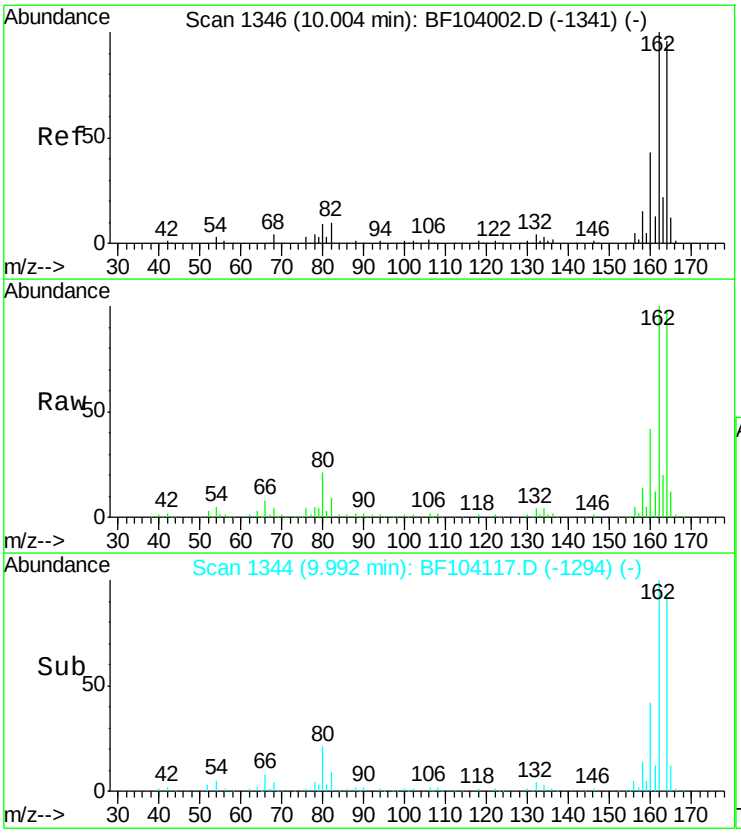
#25
Isophorone
Concen: 37.585 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.25 min
Lab File: BF104117.D
Acq: 31 Mar 2018 2:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 507110

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

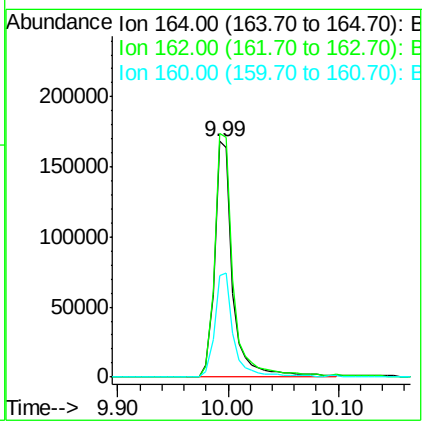


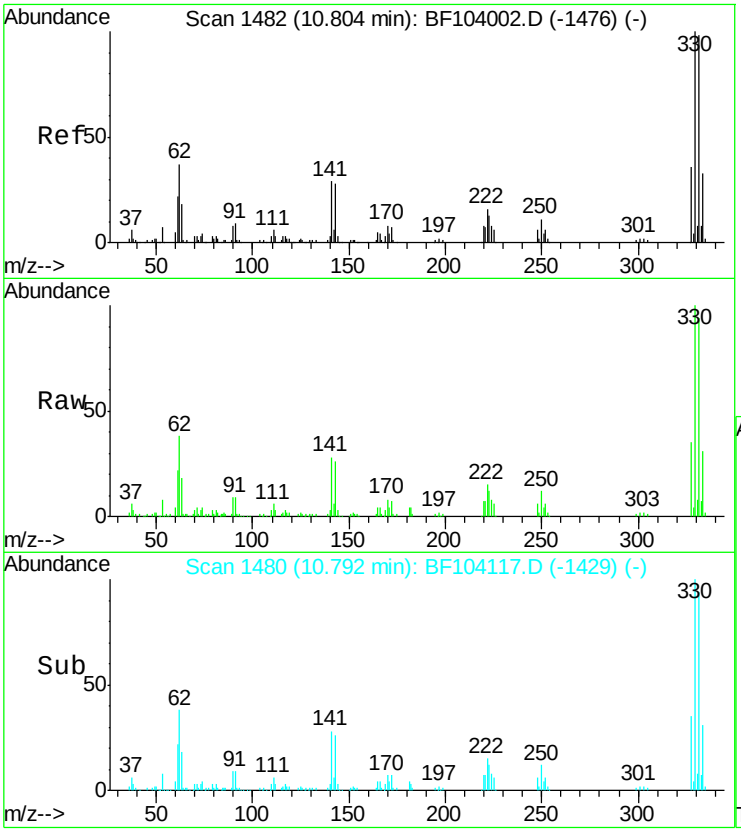


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF104117.D
Acq: 31 Mar 2018 2:10

Tgt Ion:164 Resp: 191246

Ion	Ratio	Lower	Upper
164	100		
162	103.3	86.1	129.1
160	43.0	38.3	57.5



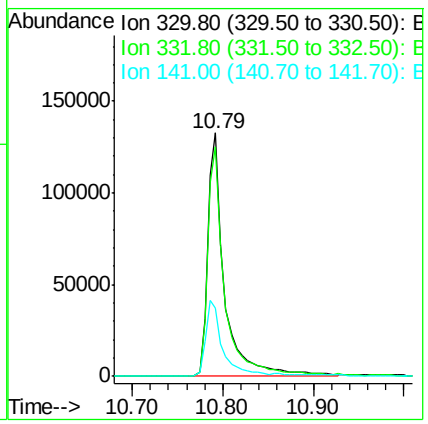


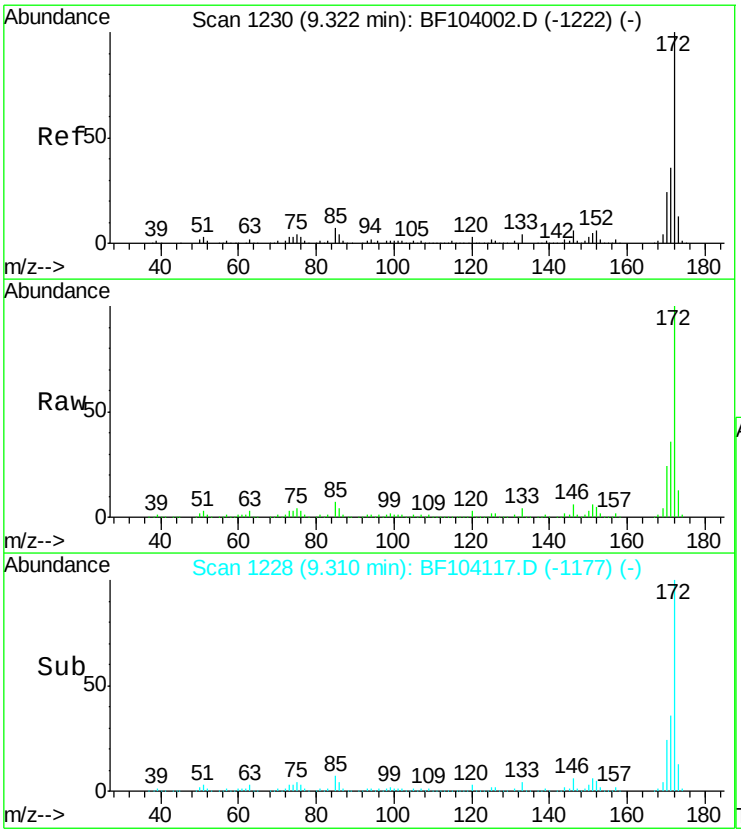
#41
2,4,6-Tribromophenol
Concen: 81.515 ng
RT: 10.79 min Scan# 1480
Delta R.T. -0.00 min
Lab File: BF104117.D
Acq: 31 Mar 2018 2:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 173589

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	33.0	29.9	44.9

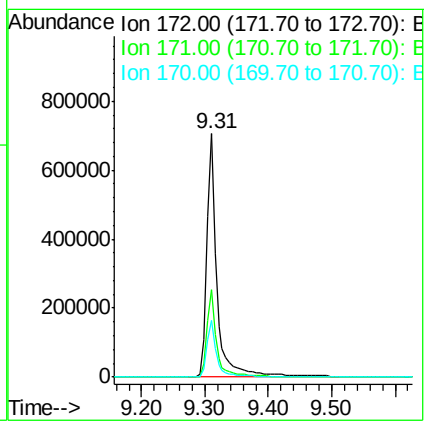


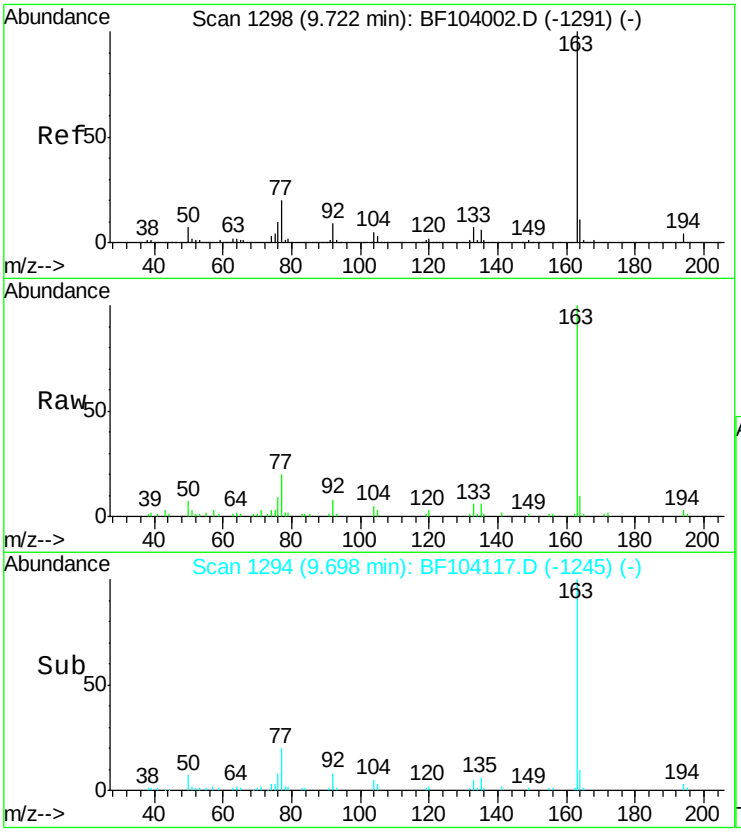


#44
2-Fluorobiphenyl
Concen: 65.265 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.00 min
Lab File: BF104117.D
Acq: 31 Mar 2018 2:10

Tgt Ion:172 Resp: 791522

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.5	19.6	29.4



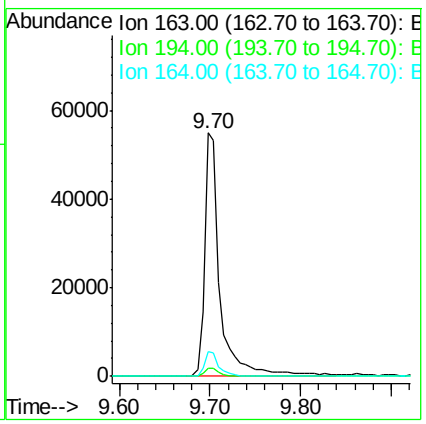


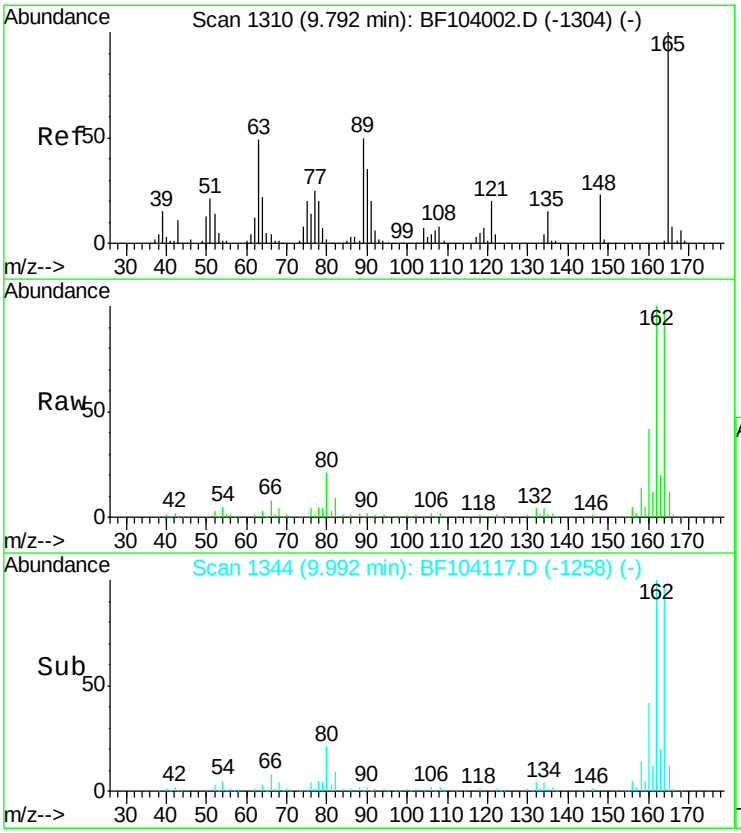
#49
Dimethylphthalate
Concen: 4.370 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF104117.D
Acq: 31 Mar 2018 2:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 65991

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.3	8.2	12.2

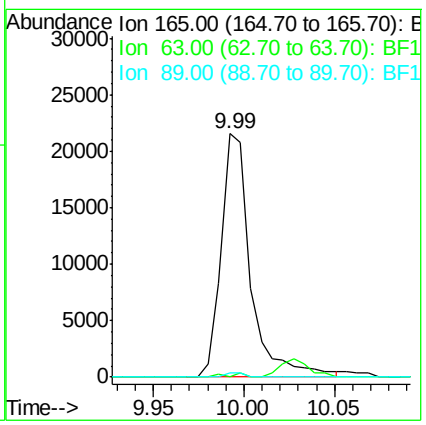


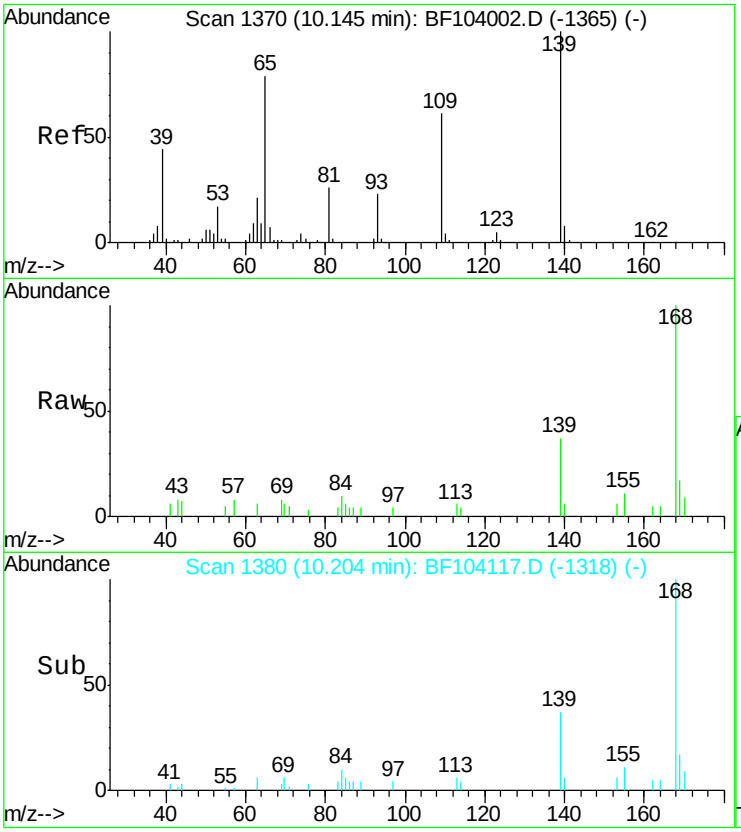


#50
2,6-Dinitrotoluene
Concen: 7.537 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.21 min
Lab File: BF104117.D
Acq: 31 Mar 2018 2:10

Tgt Ion:165 Resp: 24485

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.6	44.0	66.0#



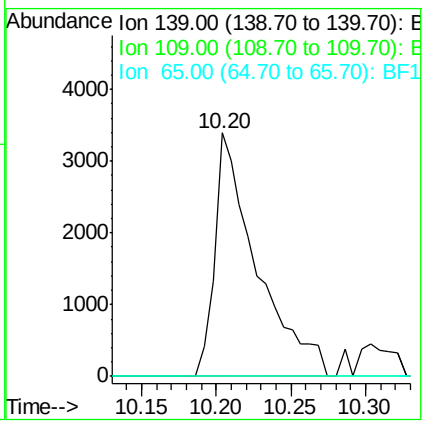


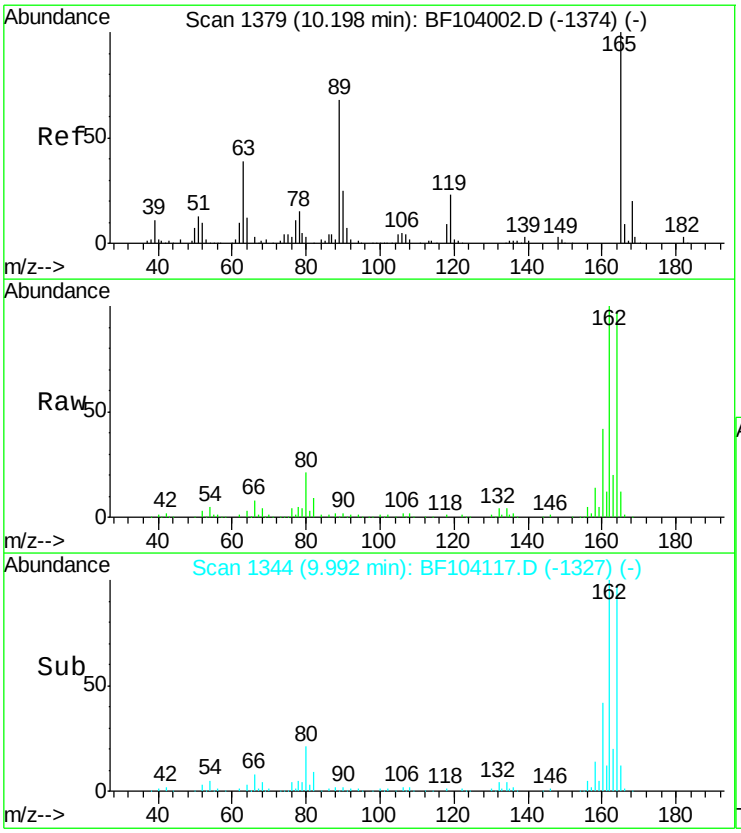
#55
4-Nitrophenol
Concen: 2.970 ng
RT: 10.20 min Scan# 1380
Delta R.T. 0.06 min
Lab File: BF104117.D
Acq: 31 Mar 2018 2:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 6649

Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.4	88.4#
65	0.0	72.6	112.6#

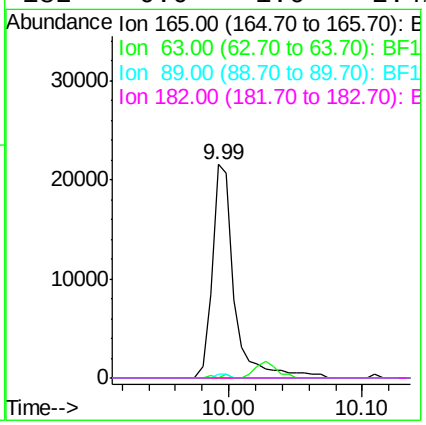


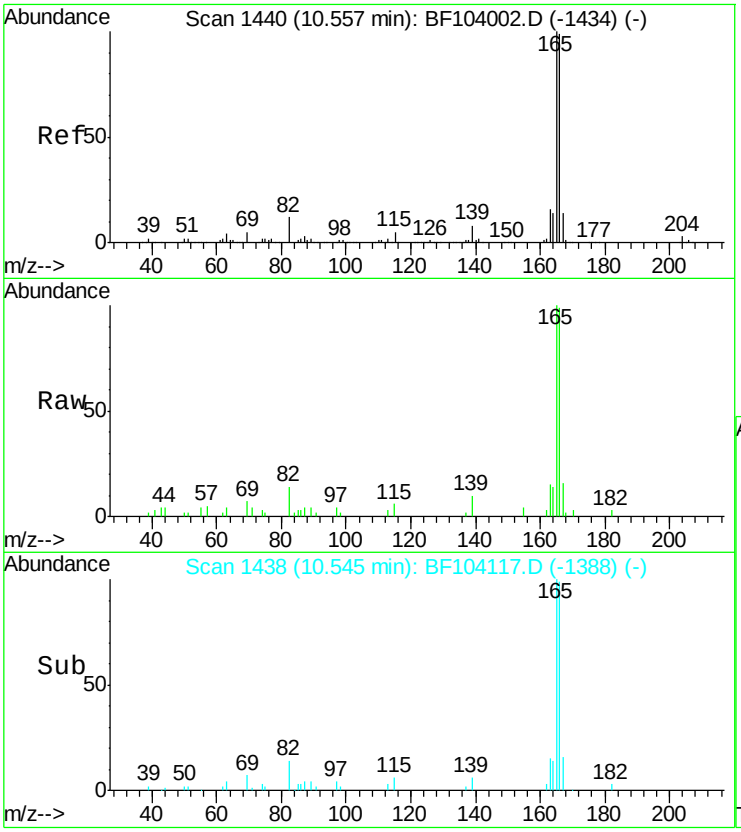


#56
2,4-Dinitrotoluene
Concen: 6.012 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.20 min
Lab File: BF104117.D
Acq: 31 Mar 2018 2:10

Tgt Ion:165 Resp: 24923

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#



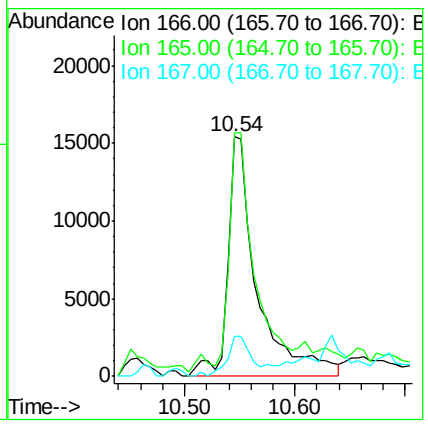


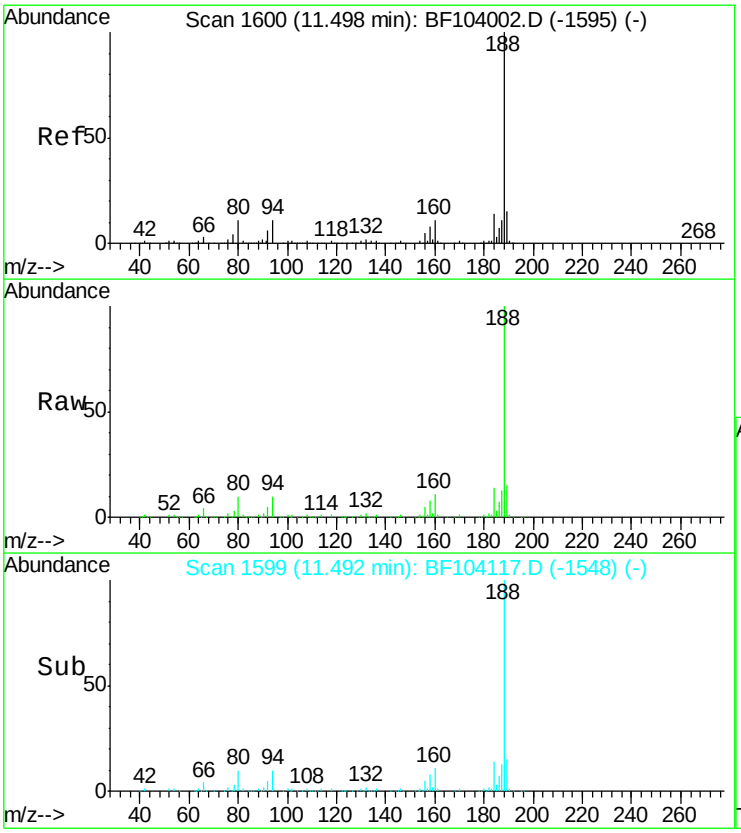
#57
Fluorene
Concen: 2.107 ng
RT: 10.54 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF104117.D
Acq: 31 Mar 2018 2:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 28799

Ion	Ratio	Lower	Upper
166	100		
165	101.5	79.8	119.8
167	16.5	10.6	16.0#

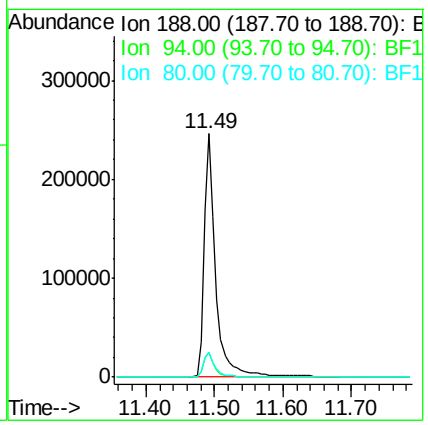


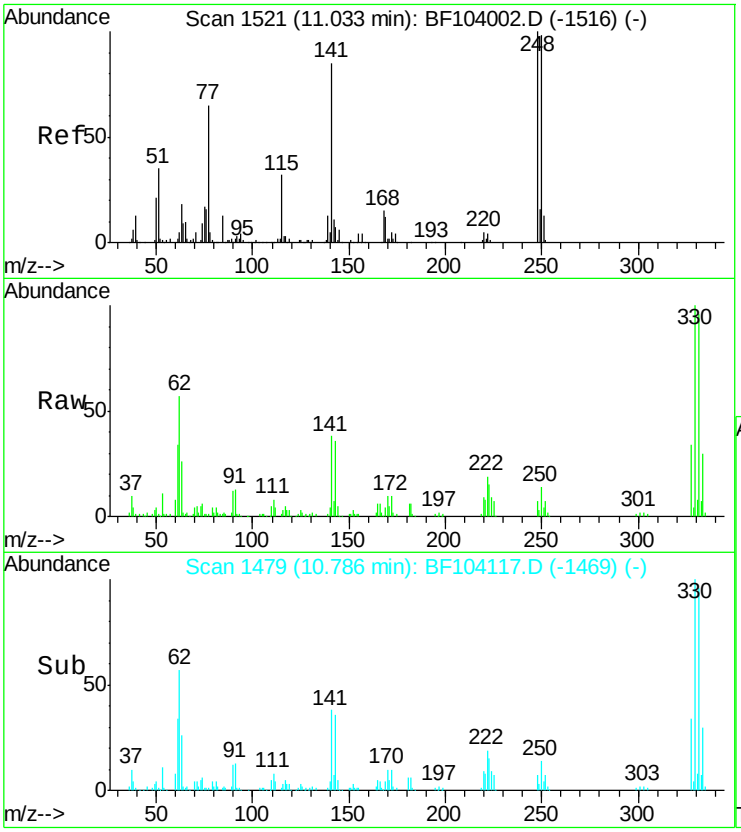


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1599
Delta R.T. -0.00 min
Lab File: BF104117.D
Acq: 31 Mar 2018 2:10

Tgt Ion:188 Resp: 298141

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.5	12.7
80	10.3	9.2	13.8



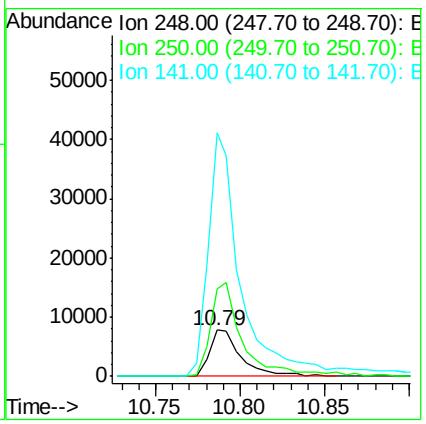


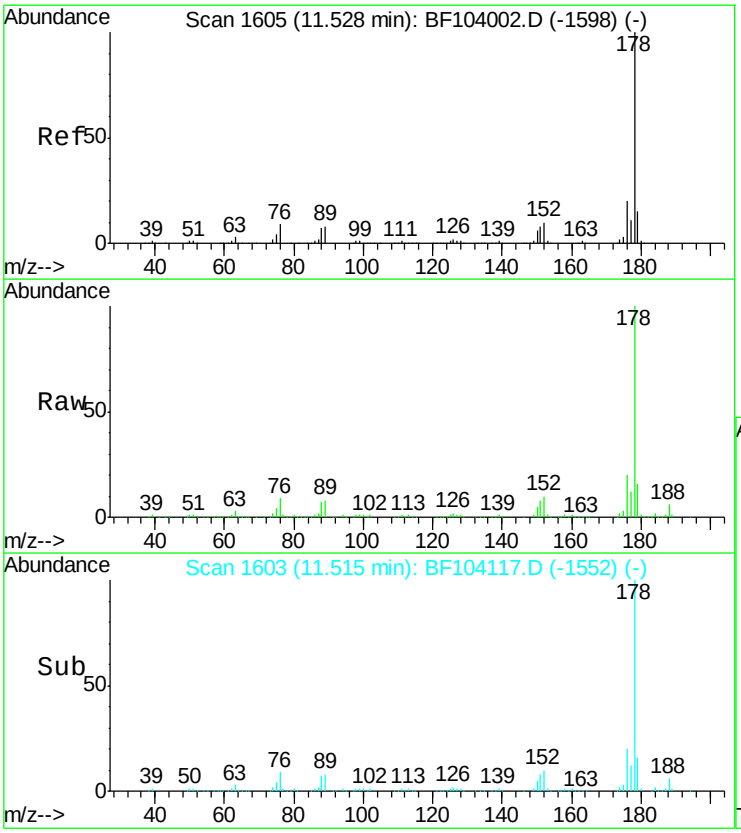
#66
4-Bromophenyl-phenylether
Concen: 3.239 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.24 min
Lab File: BF104117.D
Acq: 31 Mar 2018 2:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 10330

Ion	Ratio	Lower	Upper
248	100		
250	190.4	76.9	115.3#
141	528.4	74.4	111.6#

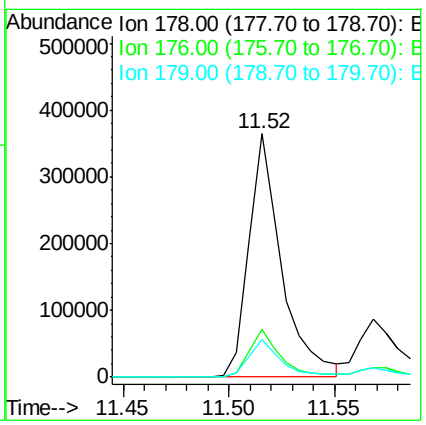


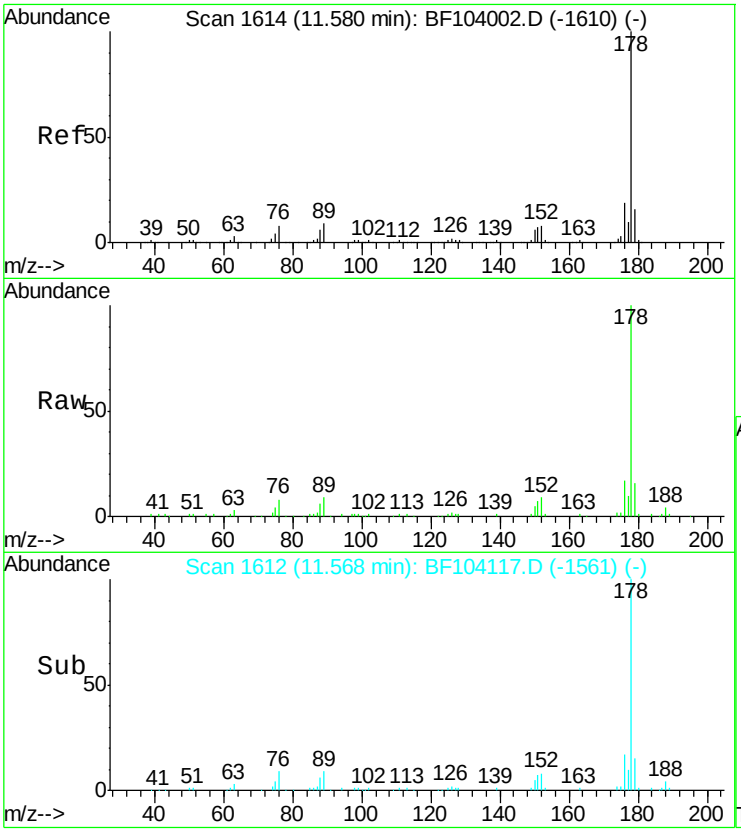


#70
Phenanthrene
Concen: 24.385 ng
RT: 11.52 min Scan# 1603
Delta R.T. -0.00 min
Lab File: BF104117.D
Acq: 31 Mar 2018 2:10

Tgt Ion:178 Resp: 393615

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



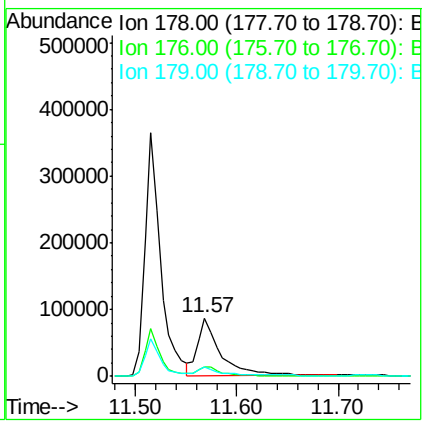


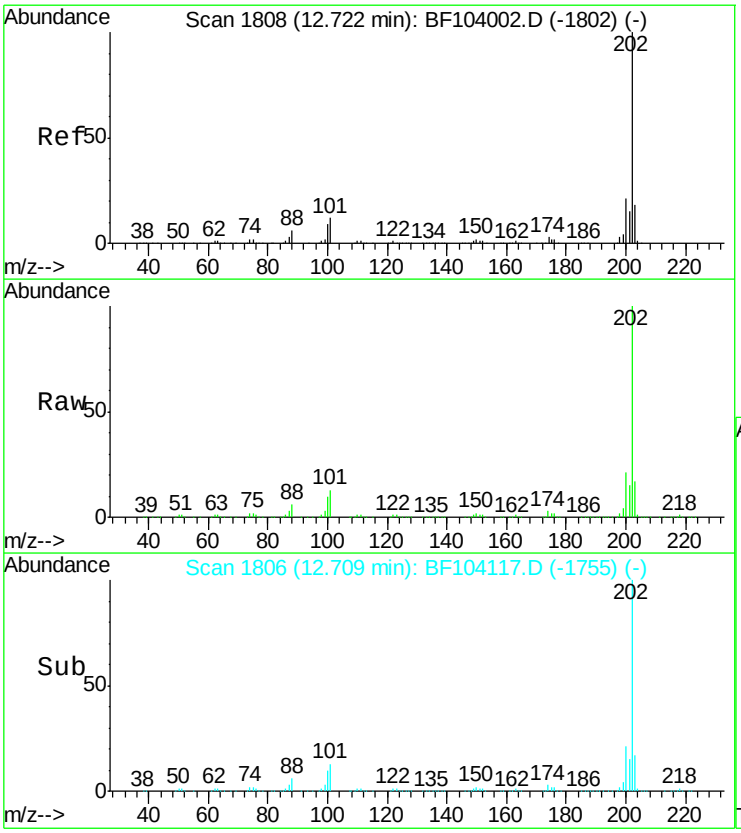
#71
Anthracene
Concen: 8.236 ng
RT: 11.57 min Scan# 1612
Delta R.T. -0.00 min
Lab File: BF104117.D
Acq: 31 Mar 2018 2:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 138871

Ion	Ratio	Lower	Upper
178	100		
176	16.9	15.4	23.2
179	15.5	12.6	19.0

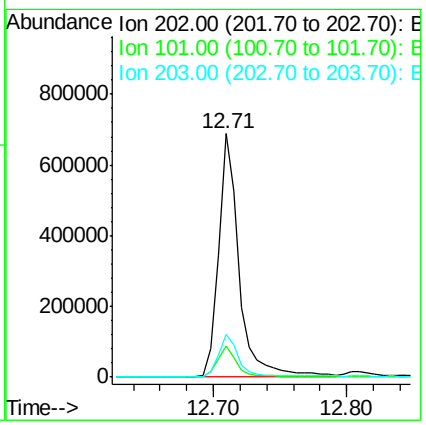


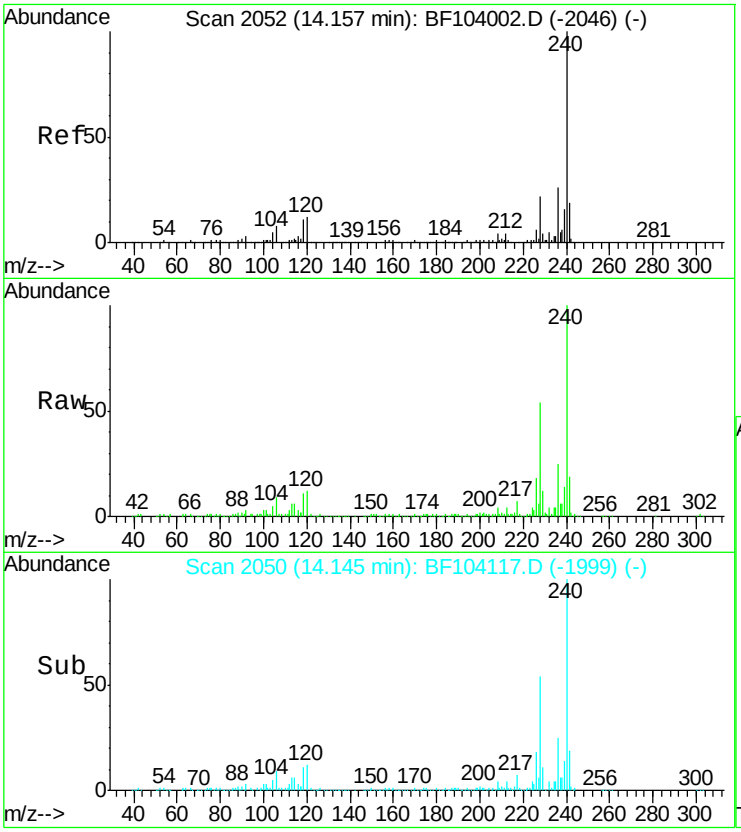


#74
Fluoranthene
Concen: 43.561 ng
RT: 12.71 min Scan# 1806
Delta R.T. -0.00 min
Lab File: BF104117.D
Acq: 31 Mar 2018 2:10

Tgt Ion:202 Resp: 747414

Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	34.1
203	17.4	0.0	38.1



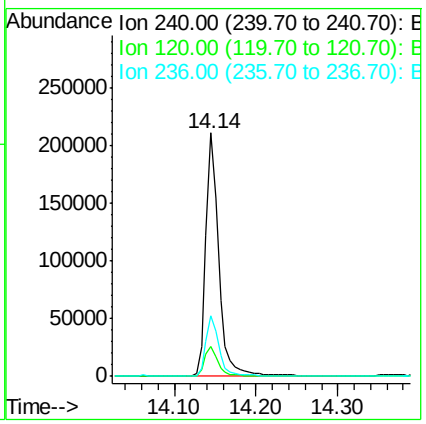


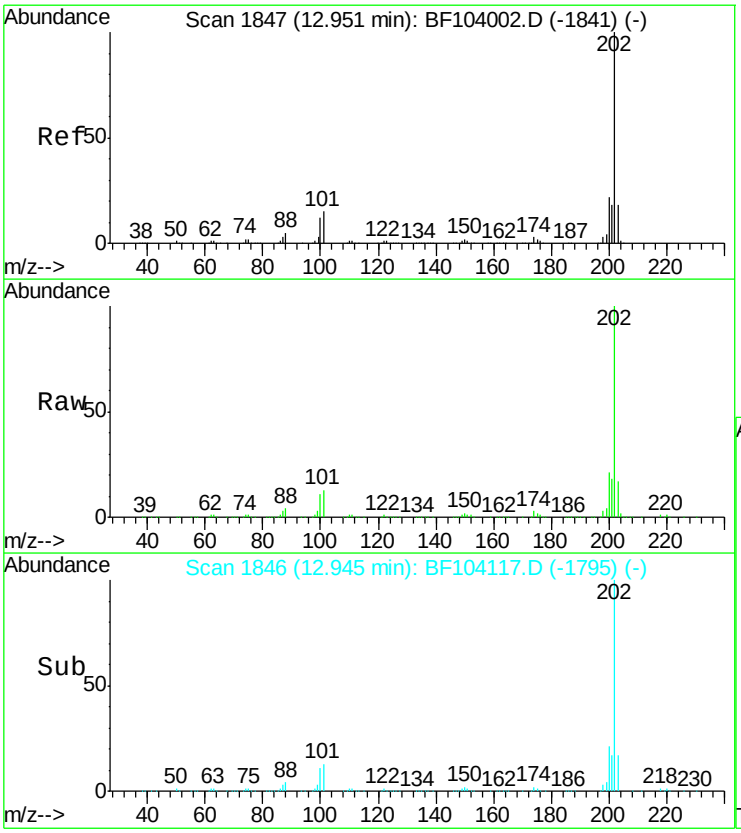
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.00 min
Lab File: BF104117.D
Acq: 31 Mar 2018 2:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 235157

Ion	Ratio	Lower	Upper
240	100		
120	12.3	9.5	14.3
236	24.8	20.7	31.1

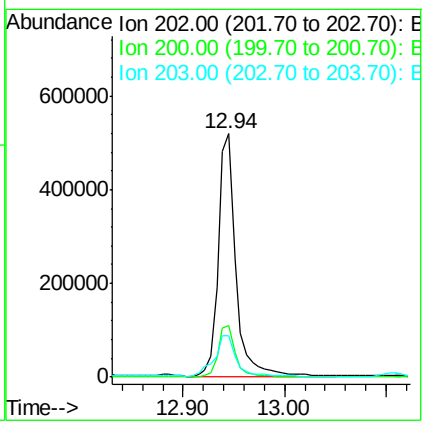


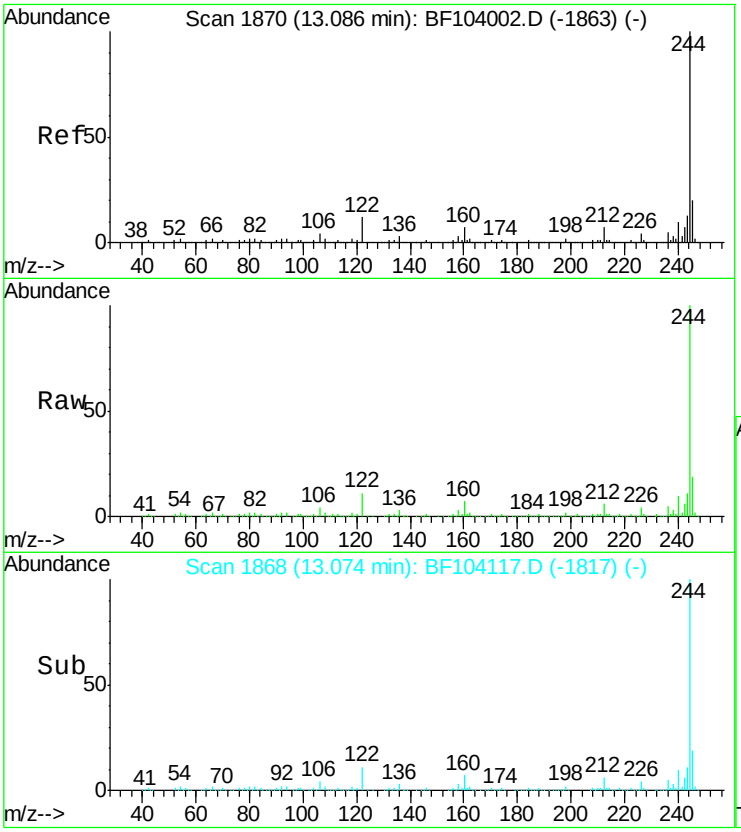


#77
Pyrene
Concen: 36.581 ng
RT: 12.94 min Scan# 1846
Delta R.T. -0.00 min
Lab File: BF104117.D
Acq: 31 Mar 2018 2:10

Tgt Ion:202 Resp: 618383

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.4	26.2
203	17.2	14.3	21.5



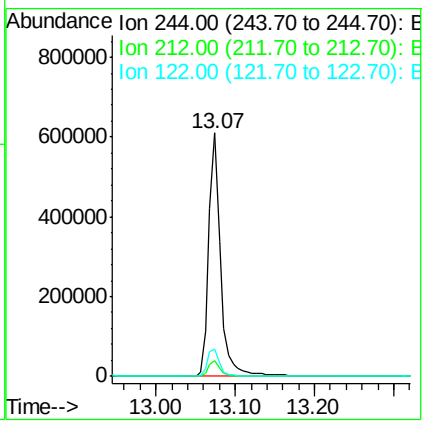


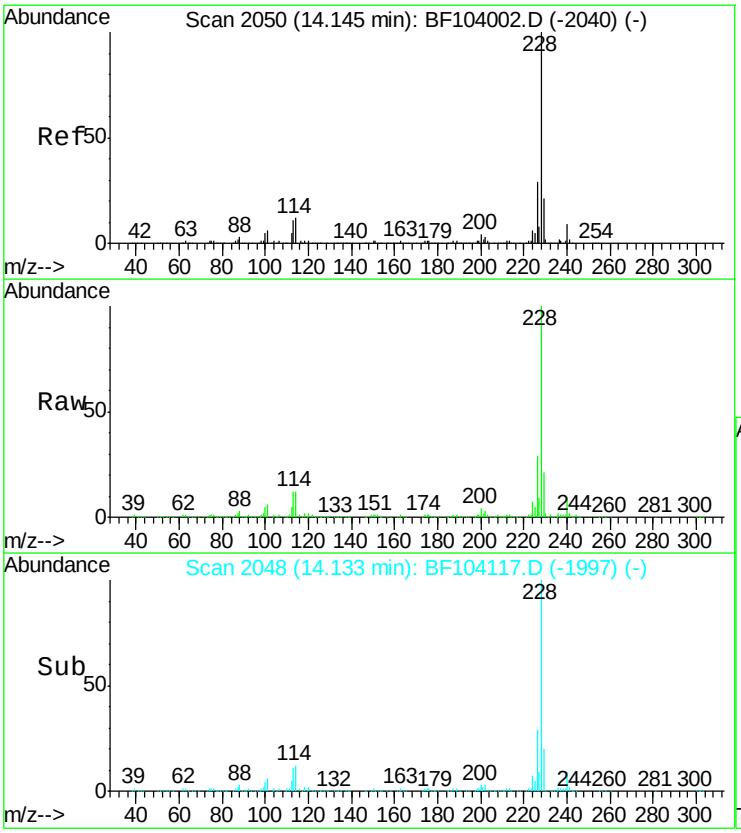
#78
Terphenyl-d14
Concen: 62.315 ng
RT: 13.07 min Scan# 1868
Delta R.T. -0.00 min
Lab File: BF104117.D
Acq: 31 Mar 2018 2:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 634655

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	11.3	11.0	16.4

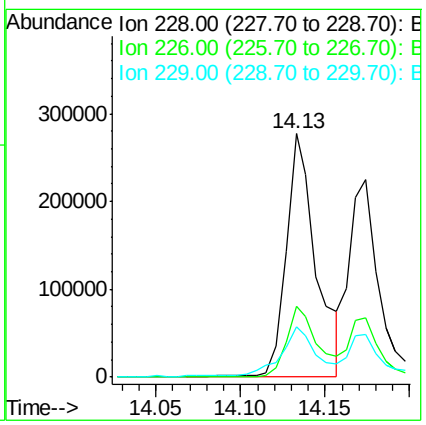


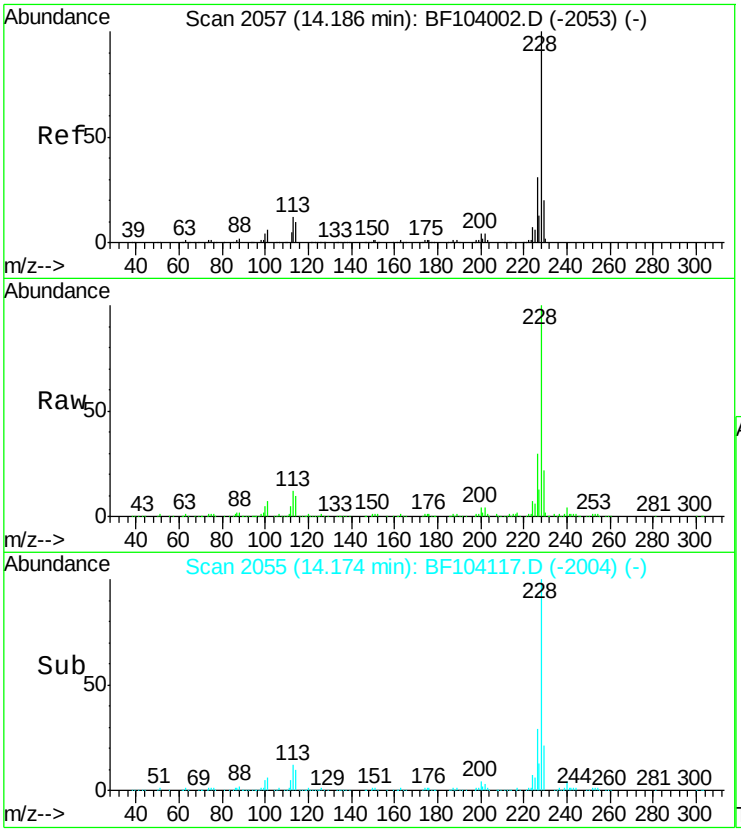


#80
Benzo(a)anthracene
Concen: 23.117 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.00 min
Lab File: BF104117.D
Acq: 31 Mar 2018 2:10

Tgt Ion:228 Resp: 340145

Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.6	33.8
229	20.8	15.8	23.6



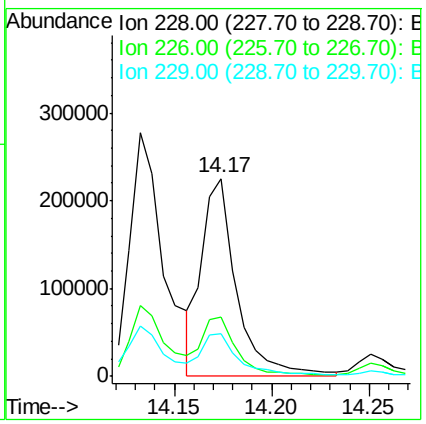


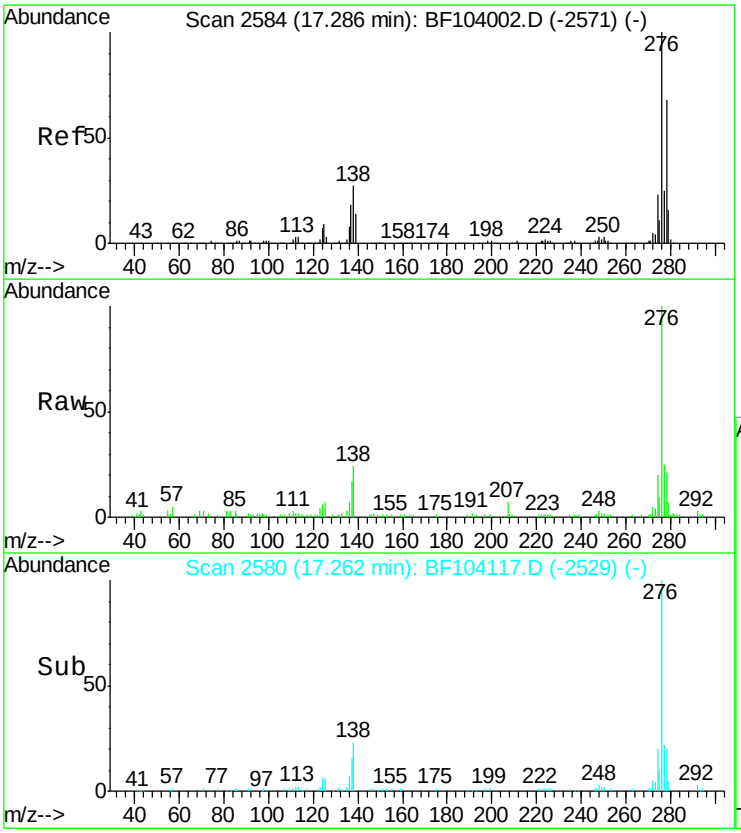
#82
Chrysene
Concen: 19.363 ng
RT: 14.17 min Scan# 2055
Delta R.T. -0.00 min
Lab File: BF104117.D
Acq: 31 Mar 2018 2:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 279051

Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.0	37.6
229	21.7	16.2	24.4

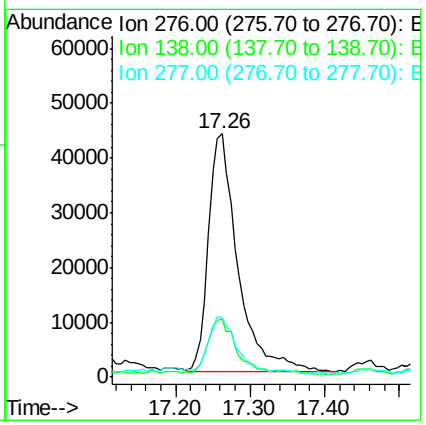


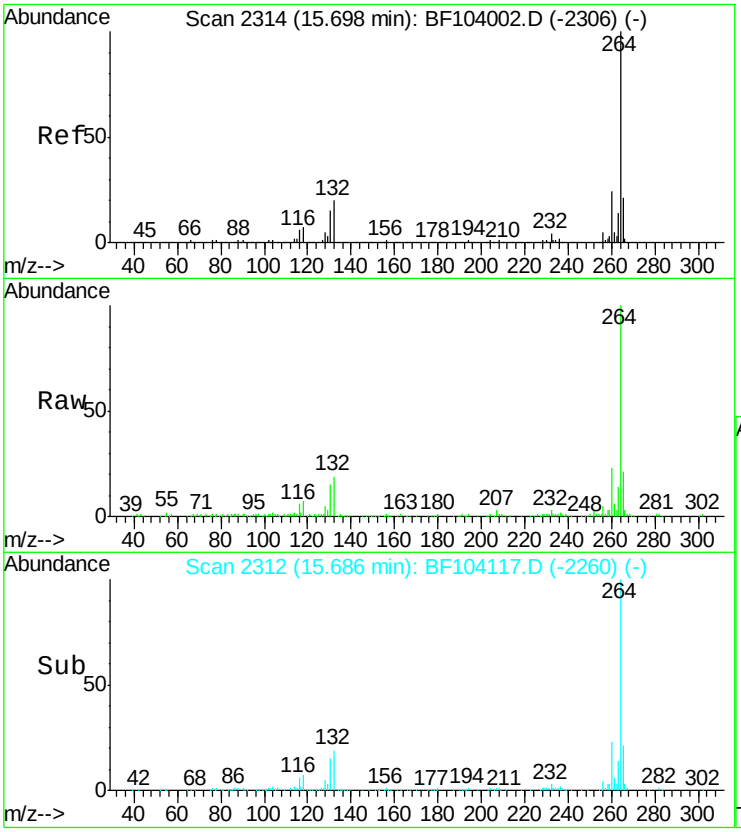


#85
Indeno(1,2,3-cd)pyrene
Concen: 7.951 ng
RT: 17.26 min Scan# 2580
Delta R.T. -0.00 min
Lab File: BF104117.D
Acq: 31 Mar 2018 2:10

Tgt Ion:276 Resp: 118748

Ion	Ratio	Lower	Upper
276	100		
138	21.8	25.0	37.6#
277	20.7	20.1	30.1



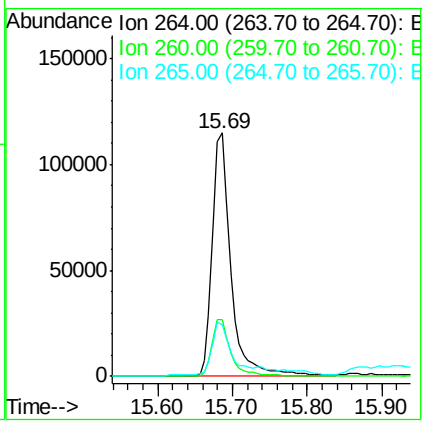


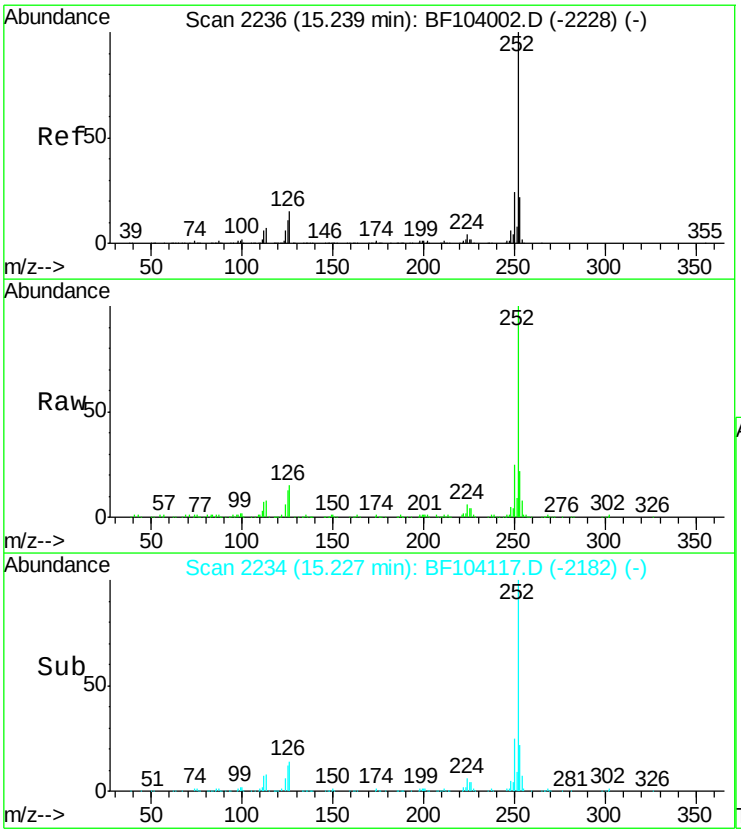
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2312
Delta R.T. 0.01 min
Lab File: BF104117.D
Acq: 31 Mar 2018 2:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 201064

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.1	17.5	26.3

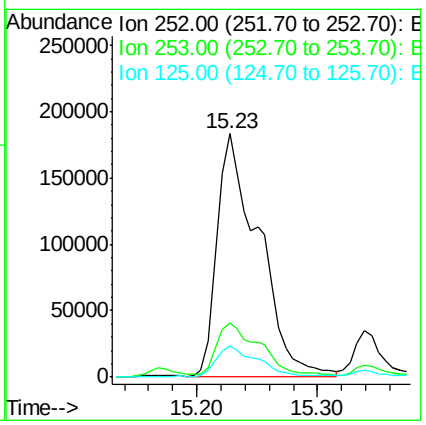


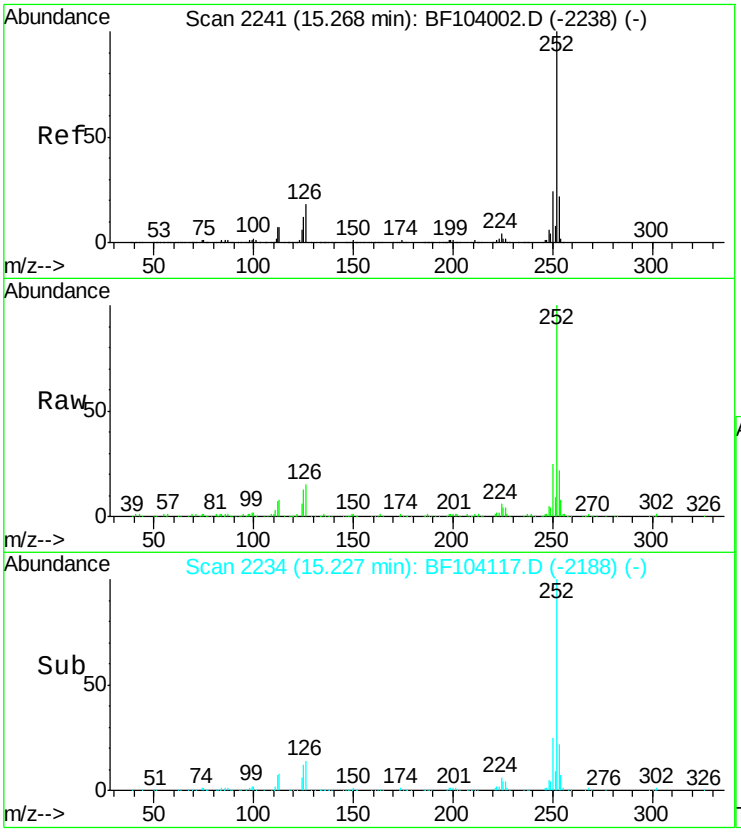


#87
Benzo(b)fluoranthene
Concen: 35.629 ng
RT: 15.23 min Scan# 2234
Delta R.T. 0.01 min
Lab File: BF104117.D
Acq: 31 Mar 2018 2:10

Tgt Ion:252 Resp: 435975

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	12.6	9.0	13.6



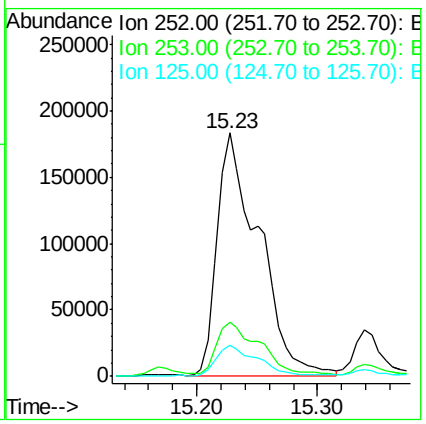


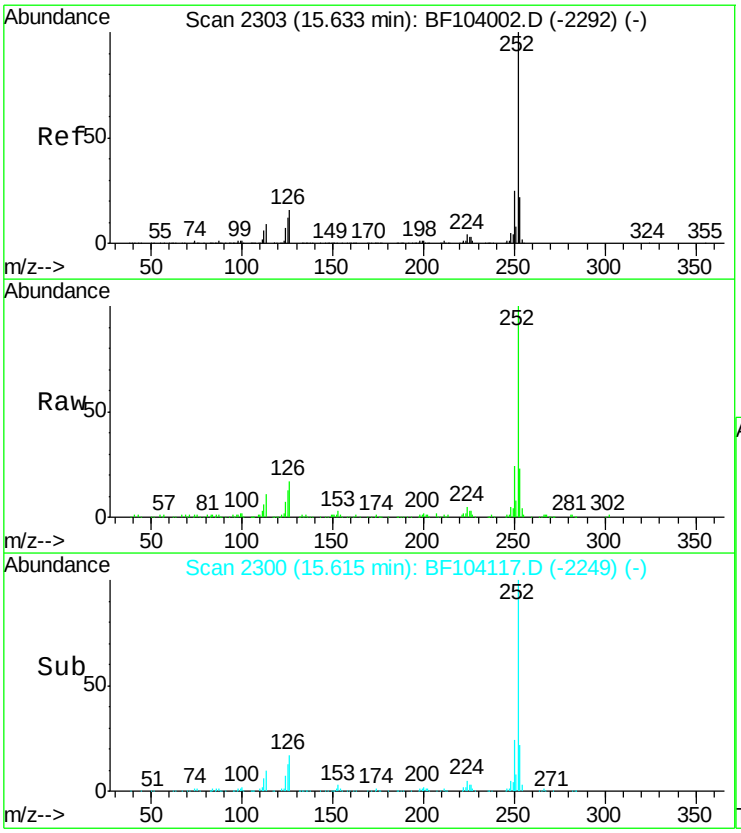
#88
Benzo(k)fluoranthene
Concen: 37.822 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.03 min
Lab File: BF104117.D
Acq: 31 Mar 2018 2:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 435975

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	12.6	10.2	15.2

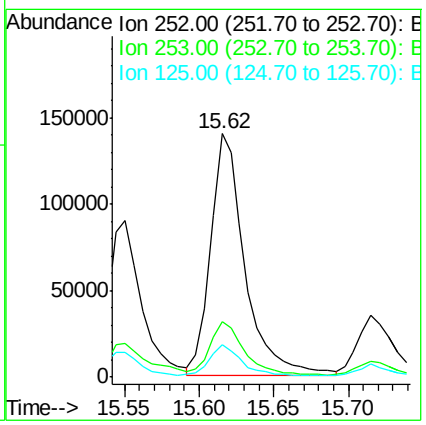


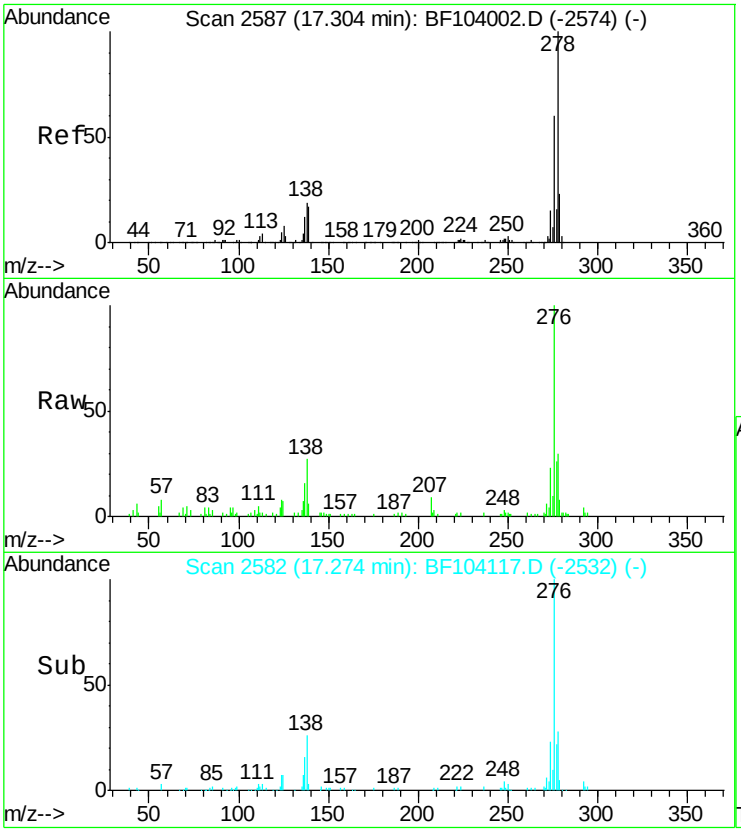


#89
Benzo(a)pyrene
Concen: 19.745 ng
RT: 15.62 min Scan# 2300
Delta R.T. -0.00 min
Lab File: BF104117.D
Acq: 31 Mar 2018 2:10

Tgt Ion:252 Resp: 223905

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.1	25.7
125	13.4	9.8	14.6



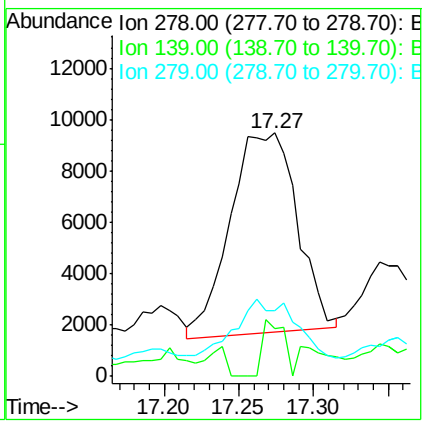


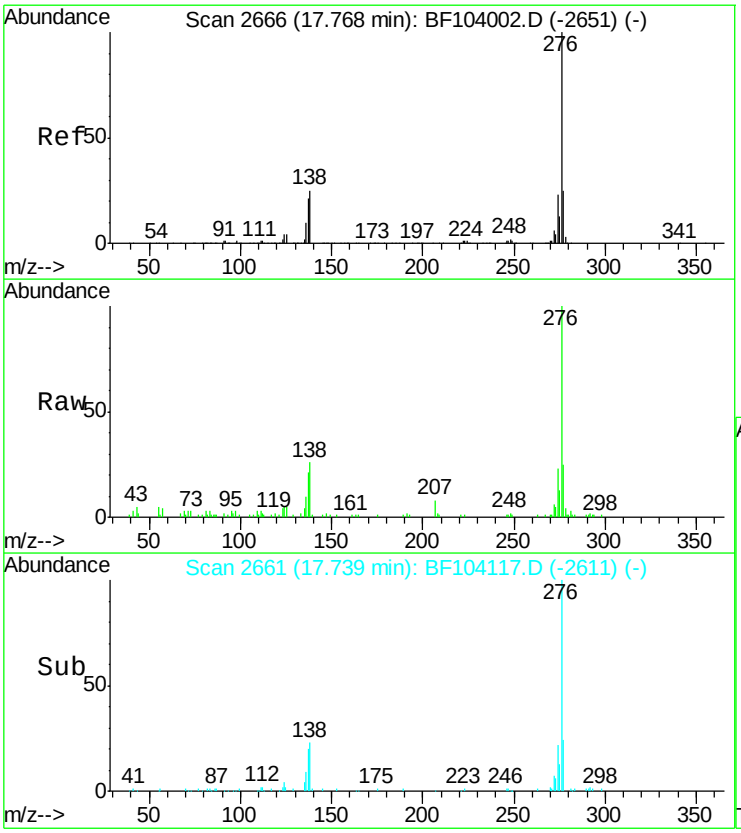
#90
Dibenzo(a,h)anthracene
Concen: 2.310 ng
RT: 17.27 min Scan# 2582
Delta R.T. -0.01 min
Lab File: BF104117.D
Acq: 31 Mar 2018 2:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 24220

Ion	Ratio	Lower	Upper
278	100		
139	19.5	15.9	23.9
279	27.1	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 9.616 ng
RT: 17.74 min Scan# 2661
Delta R.T. -0.01 min
Lab File: BF104117.D
Acq: 31 Mar 2018 2:10

Tgt Ion:276 Resp: 100974

Ion	Ratio	Lower	Upper
276	100		
277	24.6	17.9	26.9
138	25.5	21.8	32.8