Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\
Data File : BF104039.D
Acq On : 29 Mar 2018 7:46
Operator : JU/SJ
Sample : J2073-01DL 2X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 29 09:09:03 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 28 13:41:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	126615	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	510731	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	203197	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	298132	20.00	ng		0.00
75) Chrysene-d12	14.16	240	245639	20.00	ng		0.00
86) Perylene-d12	15.70	264	179316	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	343122	43.22	ng		0.00
7) Phenol-d6	6.60	99	494911	50.67	ng		0.00
23) Nitrobenzene-d5	7.53	82	275969	33.04	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	80643	35.64	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	353868	27.46	ng		0.00
78) Terphenyl-d14	13.08	244	234920	22.08	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.56	77	365	Below Cal		#	1
19) n-Nitroso-di-n-propylamine	7.53	70	33276	5.740	ng	#	73
25) Isophorone	7.53	82	275969	17.931	ng	#	64
31) Naphthalene	8.27	128	393699	15.779	ng		99
33) 4-Chloroaniline	8.27	127	49775	4.732	ng	#	31
37) 2-Methylnaphthalene	8.96	142	62437	3.799	ng		97
48) Acenaphthylene	9.87	152	190673	9.149	ng		98
49) Dimethylphthalate	9.71	163	61067	3.806	ng		99
51) Acenaphthene	10.03	154	56679	4.701	ng		99
54) Dibenzofuran	10.21	168	63457	3.604	ng		97
57) Fluorene	10.56	166	102155	7.034	ng		98
70) Phenanthrene	11.53	178	572247	35.453	ng		98
71) Anthracene	11.58	178	229819	13.631	ng		99
72) Carbazole	11.74	167	39860	2.477	ng		98
74) Fluoranthene	12.73	202	857770	49.994	ng		98
77) Pyrene	12.96	202	805091	45.594	ng		99
80) Benzo(a)anthracene	14.14	228	472201	30.722	ng		97
82) Chrysene	14.19	228	422298	28.052	ng		98
87) Benzo(b)fluoranthene	15.24	252	586780	53.769	ng		96
88) Benzo(k)fluoranthene	15.24	252	586780	57.079	ng		99
89) Benzo(a)pyrene	15.64	252	316250	31.272	ng		98
90) Dibenzo(a,h)anthracene	17.29	278	38449	4.112	ng	#	92
91) Benzo(g,h,i)perylene	17.77	276	151261	16.151	ng		96

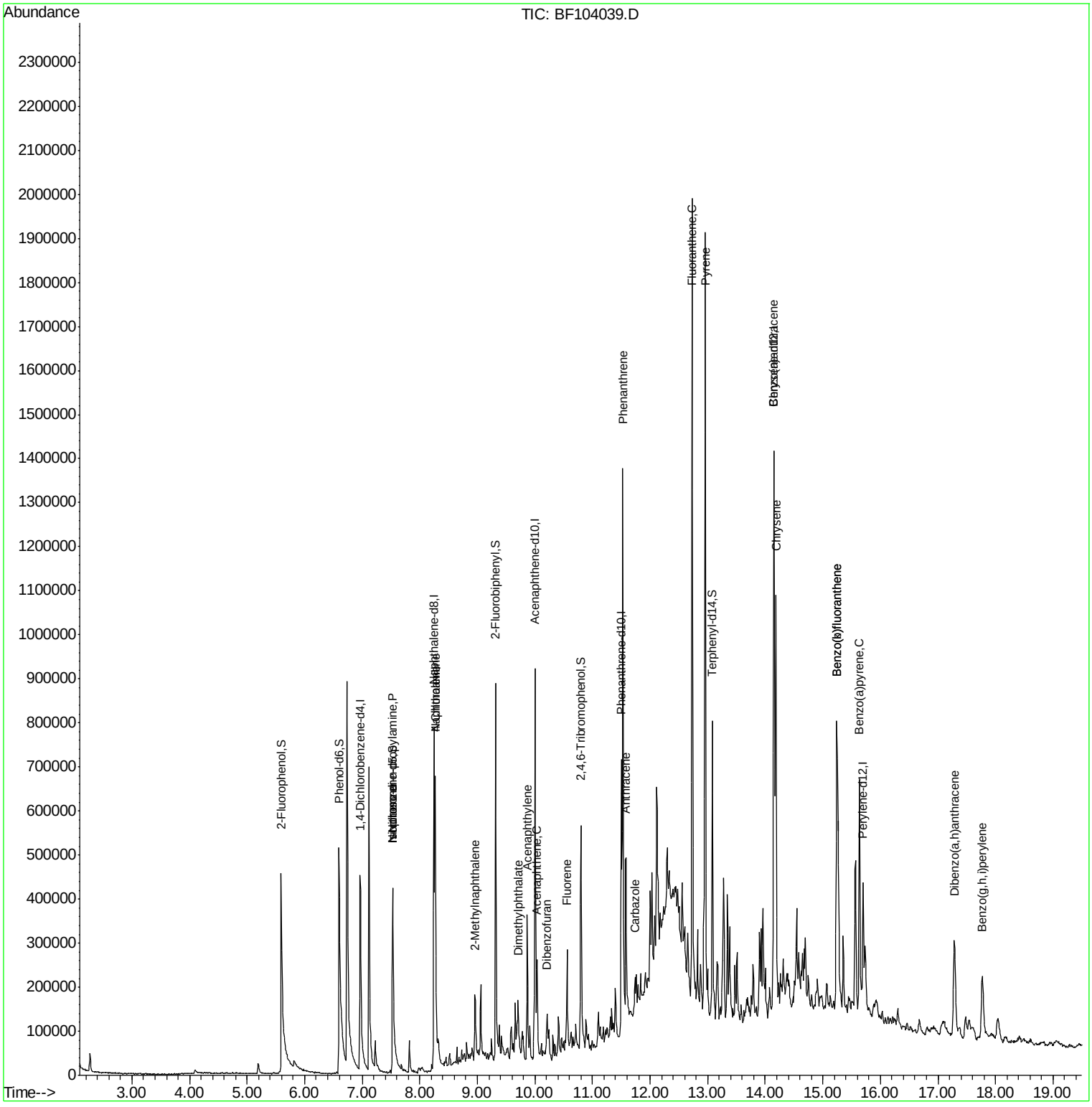
(#) = qualifier out of range (m) = manual integration (+) = signals summed

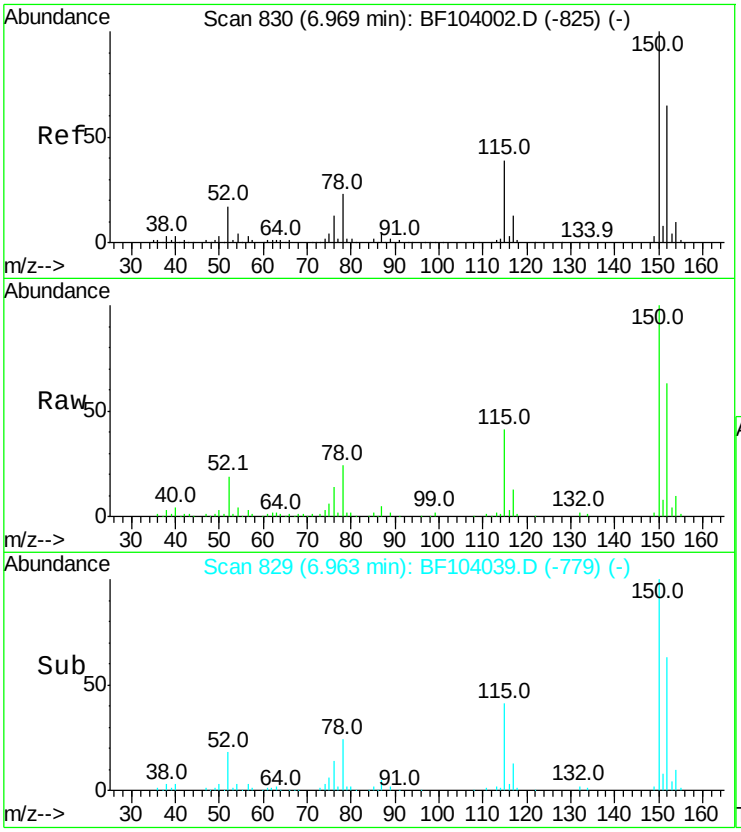
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\
Data File : BF104039.D
Acq On : 29 Mar 2018 7:46
Operator : JU/SJ
Sample : J2073-01DL 2X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 29 09:09:03 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 28 13:41:47 2018
Response via : Initial Calibration



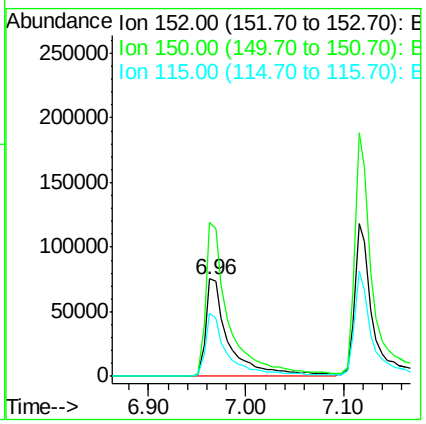


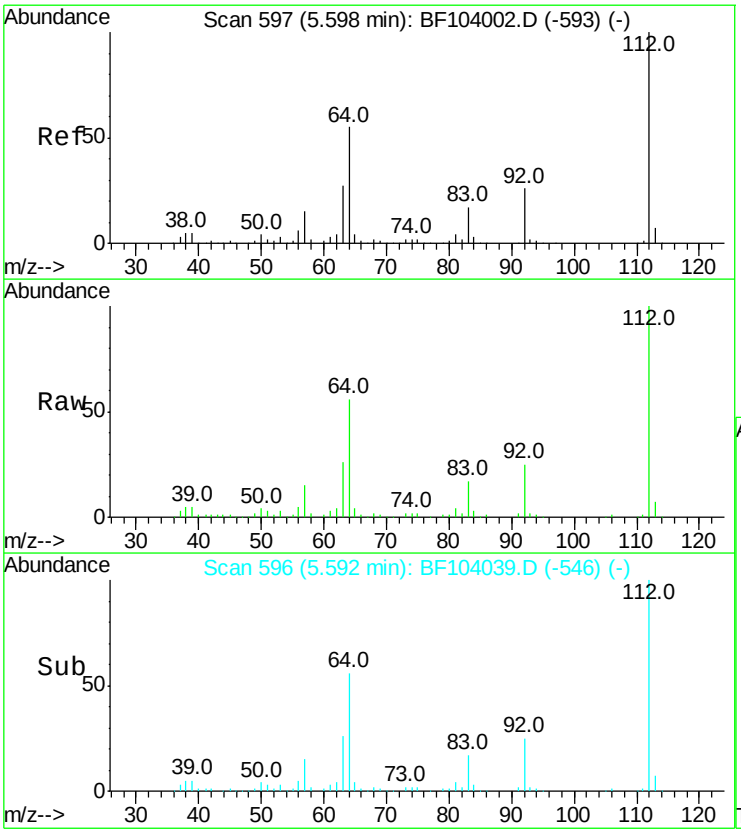
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF104039.D
Acq: 29 Mar 2018 7:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 126615

Ion	Ratio	Lower	Upper
152	100		
150	158.7	124.6	186.8
115	65.1	50.1	75.1

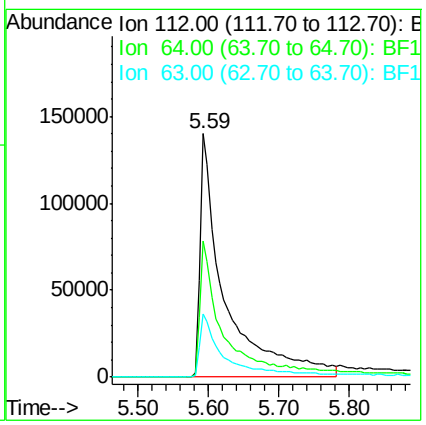


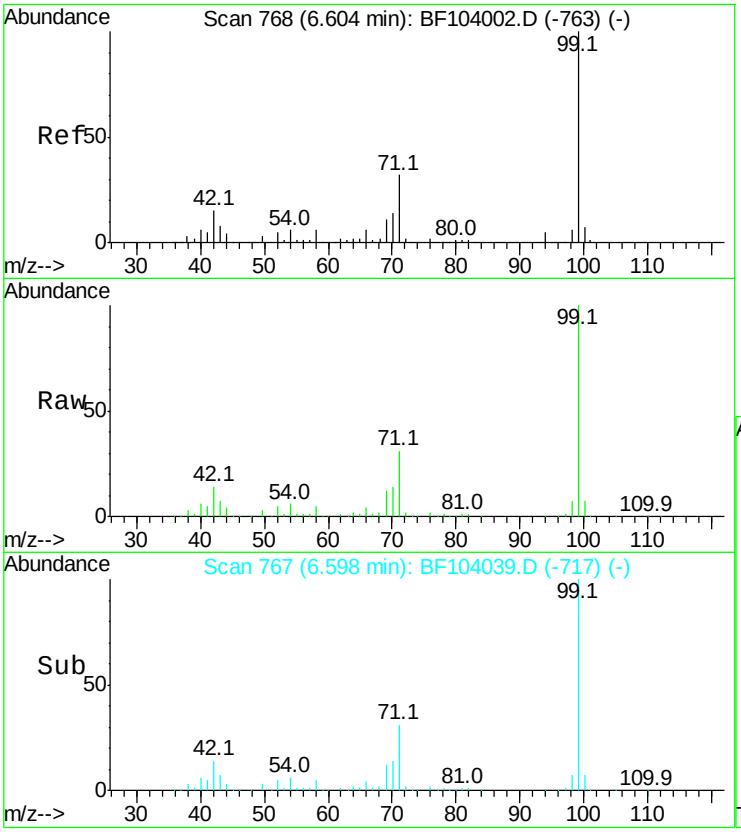


#5
2-Fluorophenol
Concen: 43.217 ng
RT: 5.59 min Scan# 596
Delta R.T. -0.01 min
Lab File: BF104039.D
Acq: 29 Mar 2018 7:46

Tgt Ion:112 Resp: 343122

Ion	Ratio	Lower	Upper
112	100		
64	56.1	47.9	71.9
63	25.9	23.7	35.5



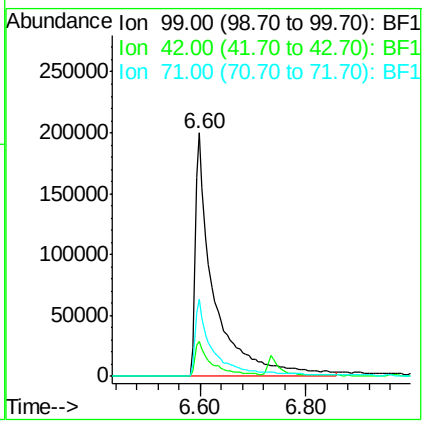


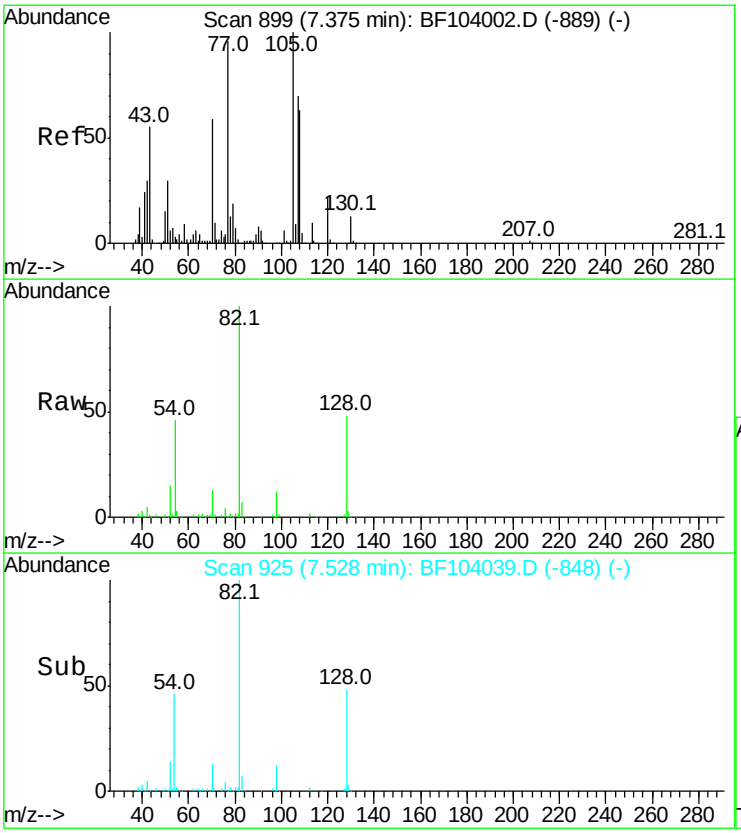
#7
Phenol-d6
Concen: 50.667 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.01 min
Lab File: BF104039.D
Acq: 29 Mar 2018 7:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 494911

Ion	Ratio	Lower	Upper
99	100		
42	14.2	14.5	21.7#
71	31.5	25.4	38.0

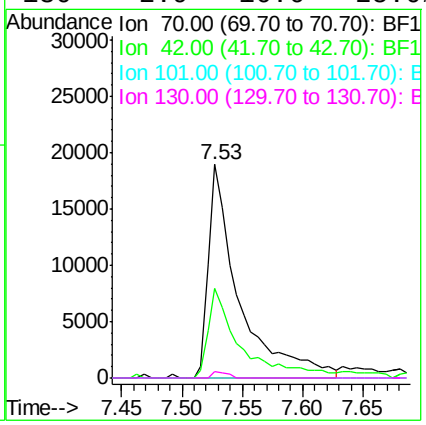


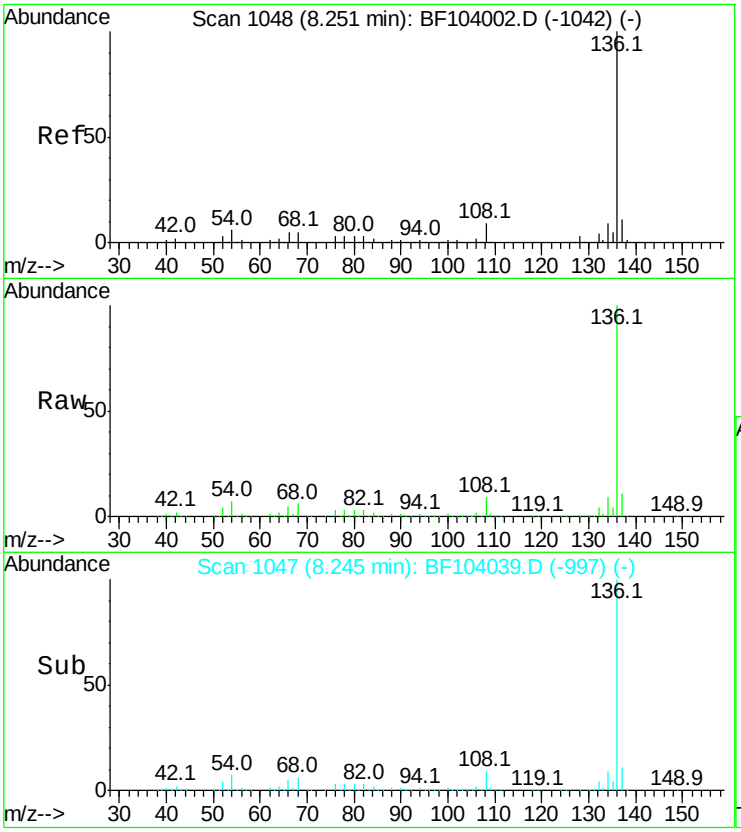


#19
n-Nitroso-di-n-propylamine
Concen: 5.740 ng
RT: 7.53 min Scan# 925
Delta R.T. 0.15 min
Lab File: BF104039.D
Acq: 29 Mar 2018 7:46

Tgt Ion: 70 Resp: 33276

Ion	Ratio	Lower	Upper
70	100		
42	42.0	47.5	71.3#
101	0.0	7.4	11.2#
130	2.9	16.6	25.0#



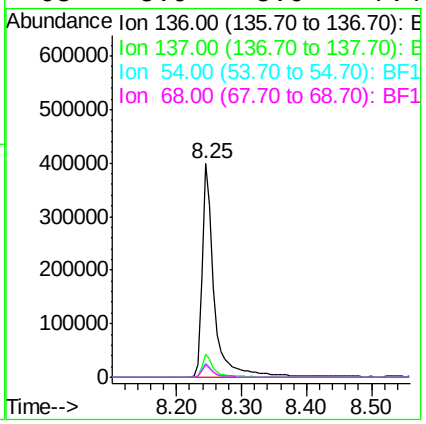


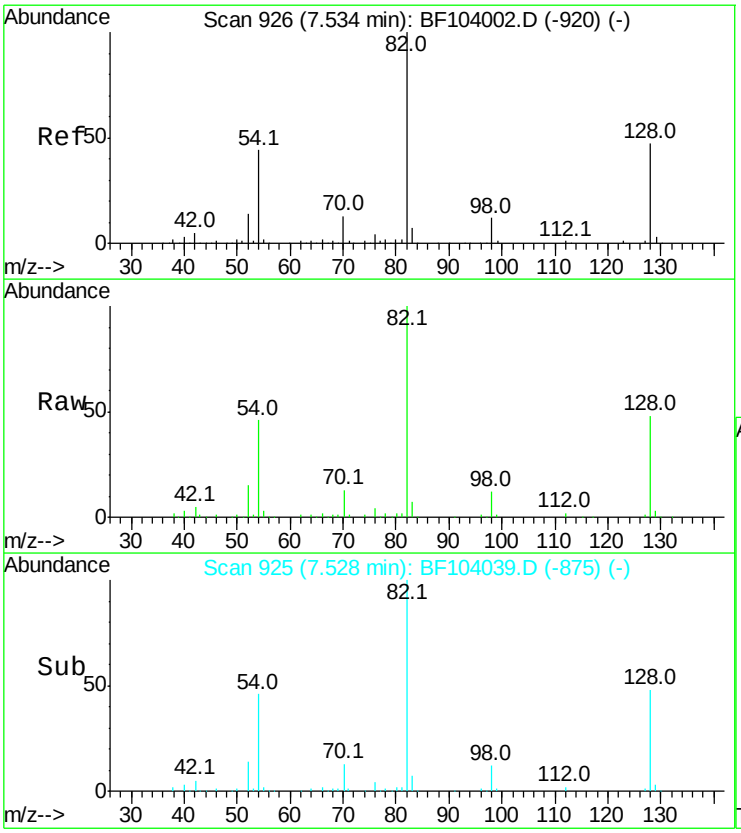
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF104039.D
Acq: 29 Mar 2018 7:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 510731

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.8	6.6	9.8
68	5.9	5.0	7.4

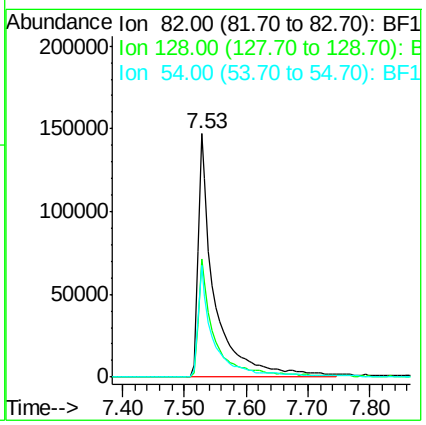


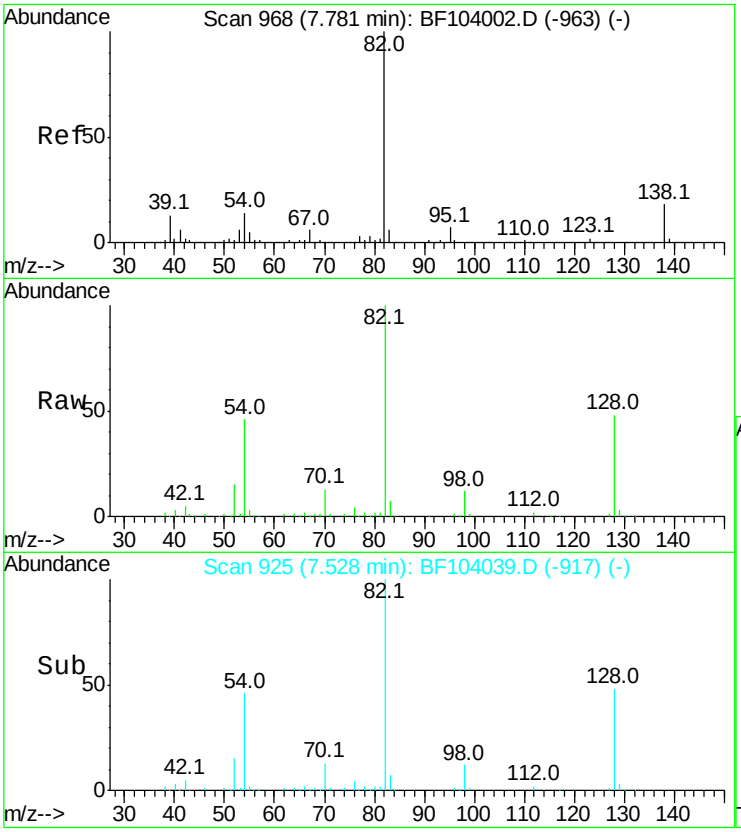


#23
Nitrobenzene-d5
Concen: 33.045 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF104039.D
Acq: 29 Mar 2018 7:46

Tgt Ion: 82 Resp: 275969

Ion	Ratio	Lower	Upper
82	100		
128	48.3	36.1	54.1
54	45.9	41.4	62.2

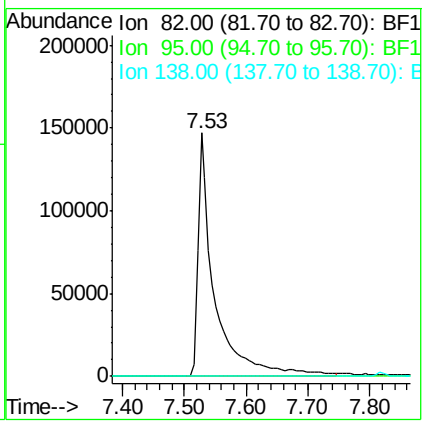




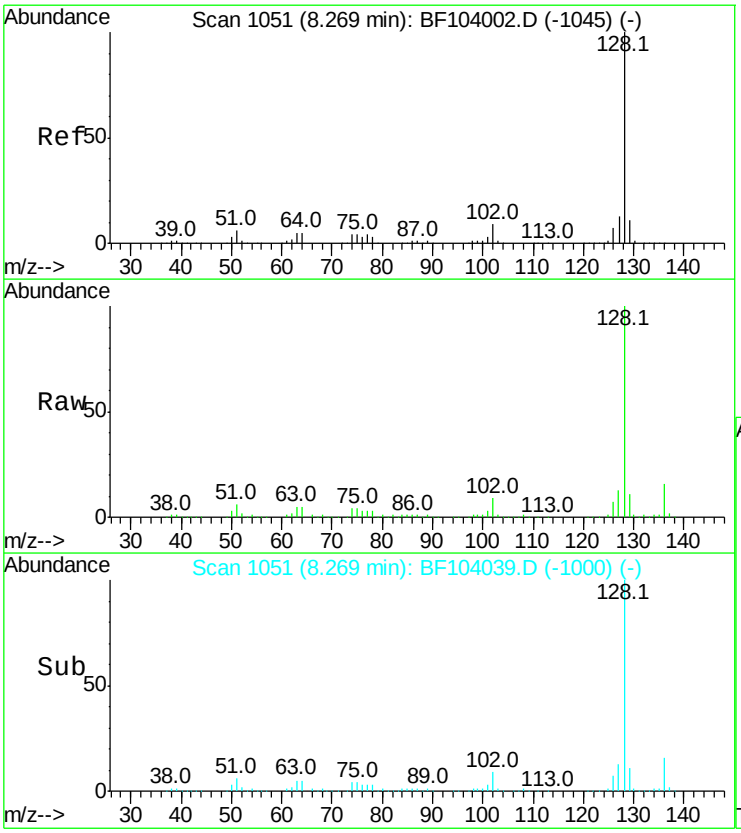
#25
Isophorone
Concen: 17.931 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.25 min
Lab File: BF104039.D
Acq: 29 Mar 2018 7:46

Tgt Ion: 82 Resp: 275969

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



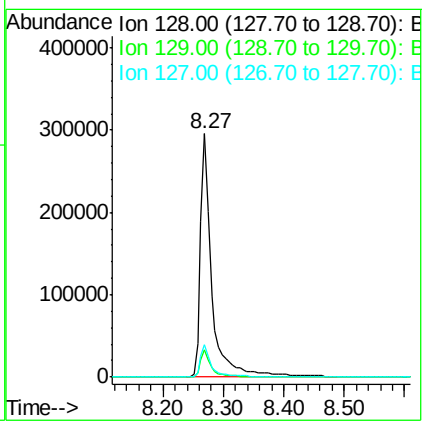
Instrument :
BNA_F
ClientSampleId :

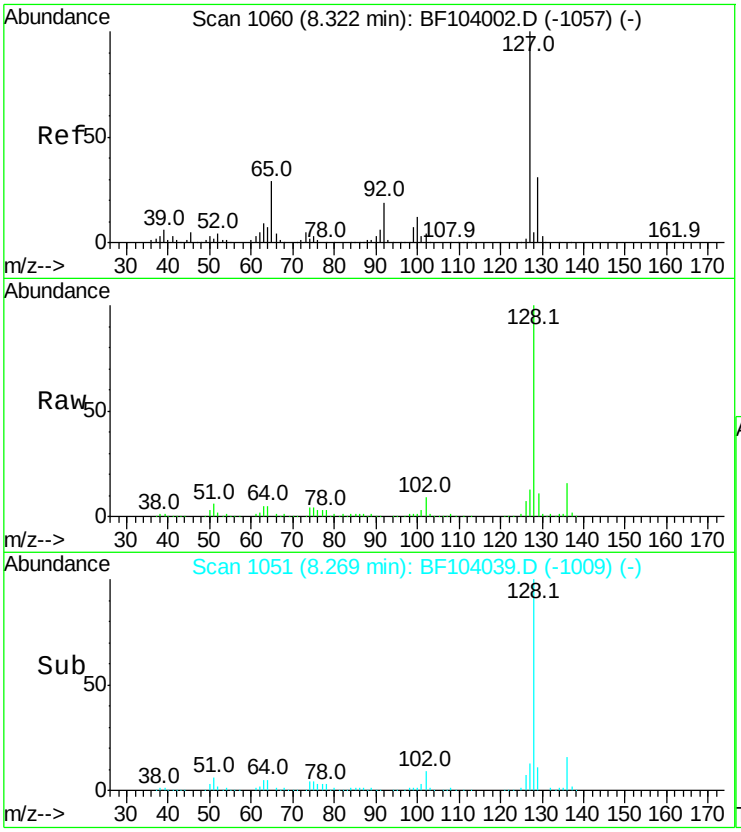


#31
Naphthalene
Concen: 15.779 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.00 min
Lab File: BF104039.D
Acq: 29 Mar 2018 7:46

Tgt Ion:128 Resp: 393699

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.8	13.2
127	13.1	10.9	16.3



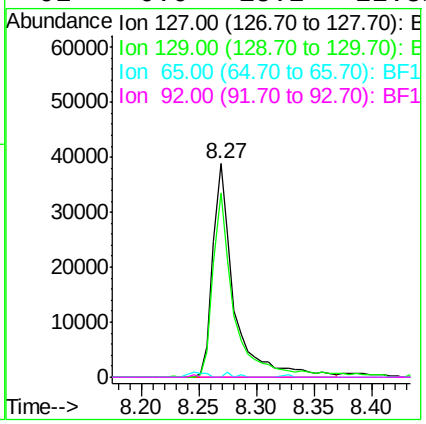


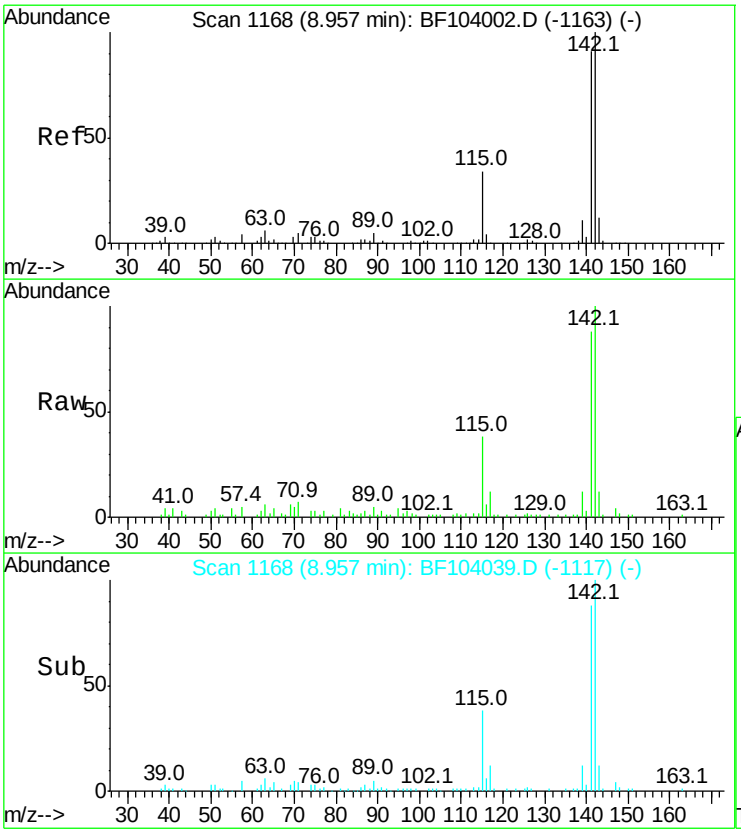
#33
4-Chloroaniline
Concen: 4.732 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.05 min
Lab File: BF104039.D
Acq: 29 Mar 2018 7:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:127 Resp: 49775

Ion	Ratio	Lower	Upper
127	100		
129	86.3	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#

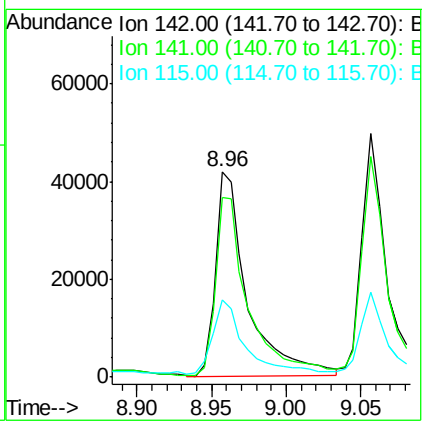


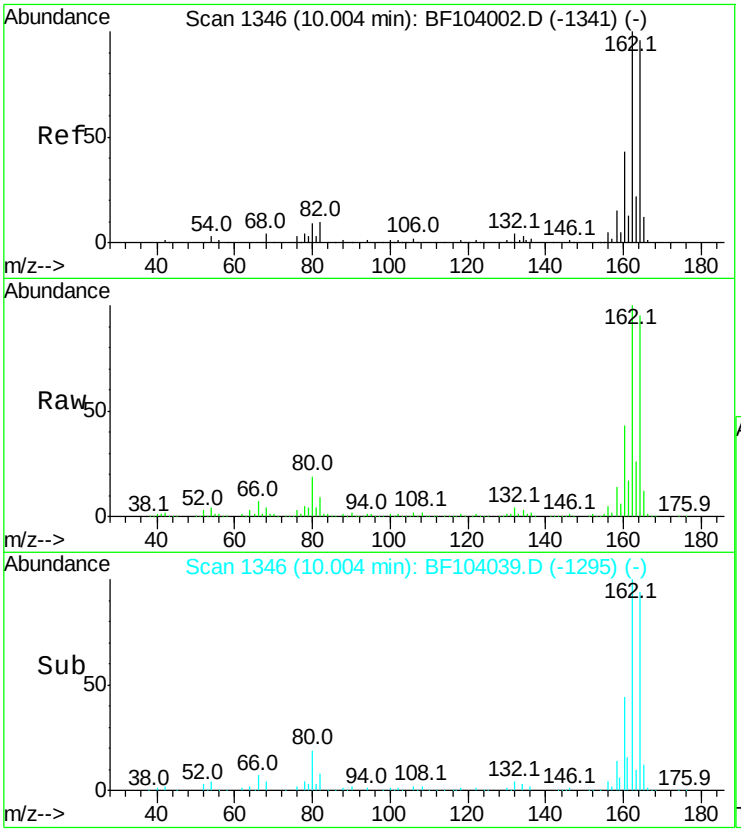


#37
2-Methylnaphthalene
Concen: 3.799 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BF104039.D
Acq: 29 Mar 2018 7:46

Tgt Ion:142 Resp: 62437

Ion	Ratio	Lower	Upper
142	100		
141	87.5	70.8	106.2
115	37.7	26.1	39.1



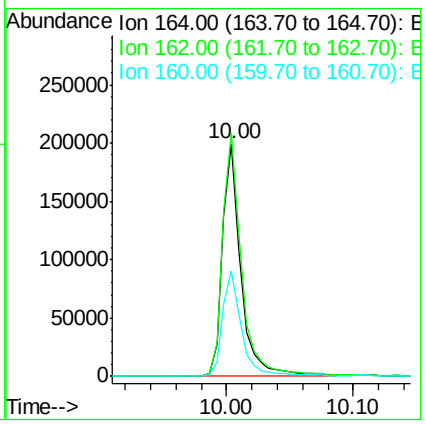


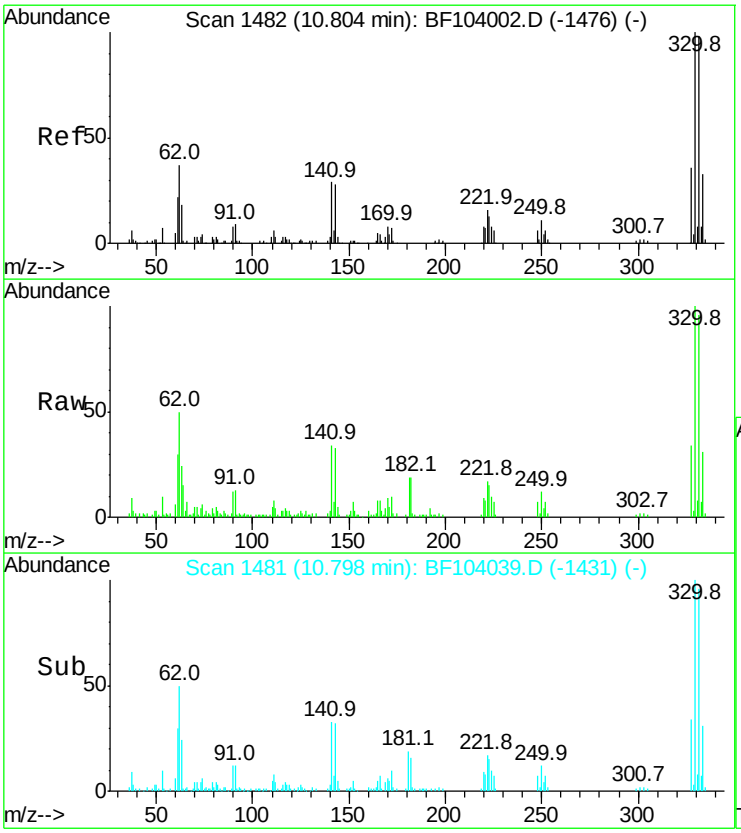
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BF104039.D
Acq: 29 Mar 2018 7:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 203197

Ion	Ratio	Lower	Upper
164	100		
162	104.8	86.1	129.1
160	45.4	38.3	57.5

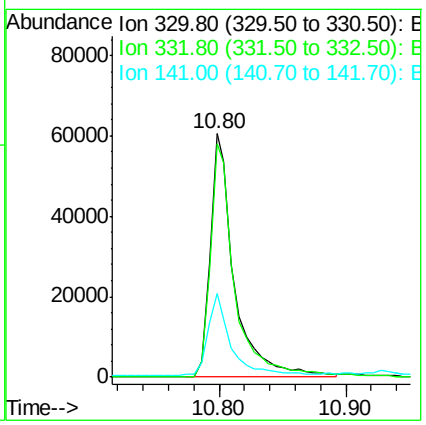


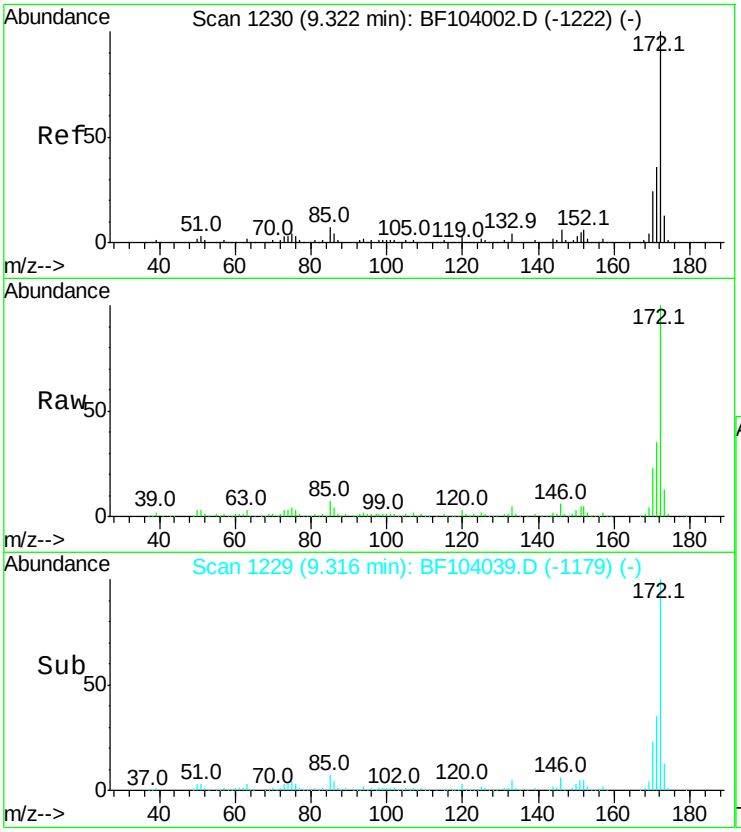


#41
2,4,6-Tribromophenol
Concen: 35.642 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.01 min
Lab File: BF104039.D
Acq: 29 Mar 2018 7:46

Tgt Ion:330 Resp: 80643

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.0	115.6
141	32.0	29.9	44.9



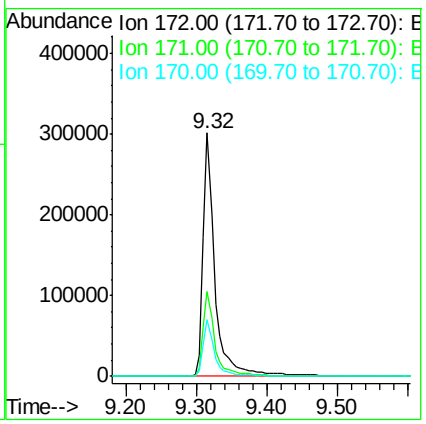


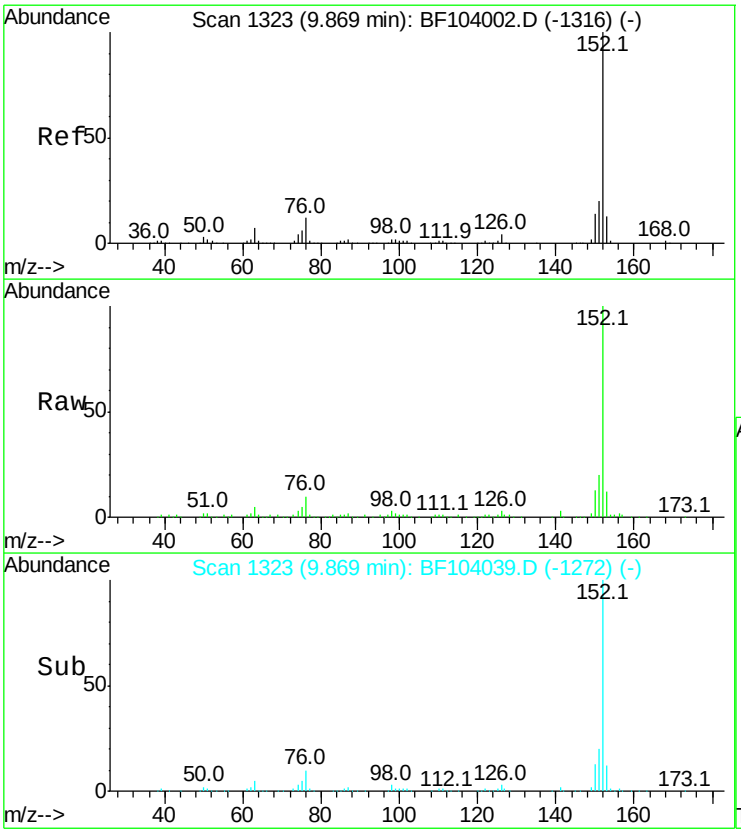
#44
2-Fluorobiphenyl
Concen: 27.462 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.01 min
Lab File: BF104039.D
Acq: 29 Mar 2018 7:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 353868

Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.7	44.5
170	23.1	19.6	29.4

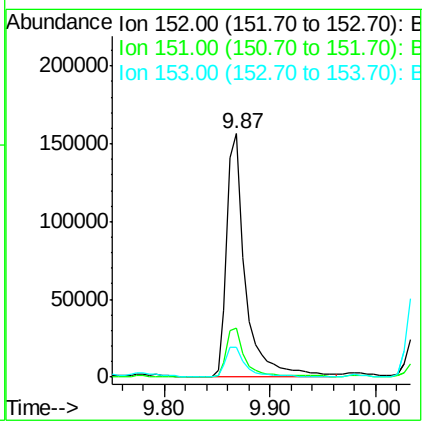


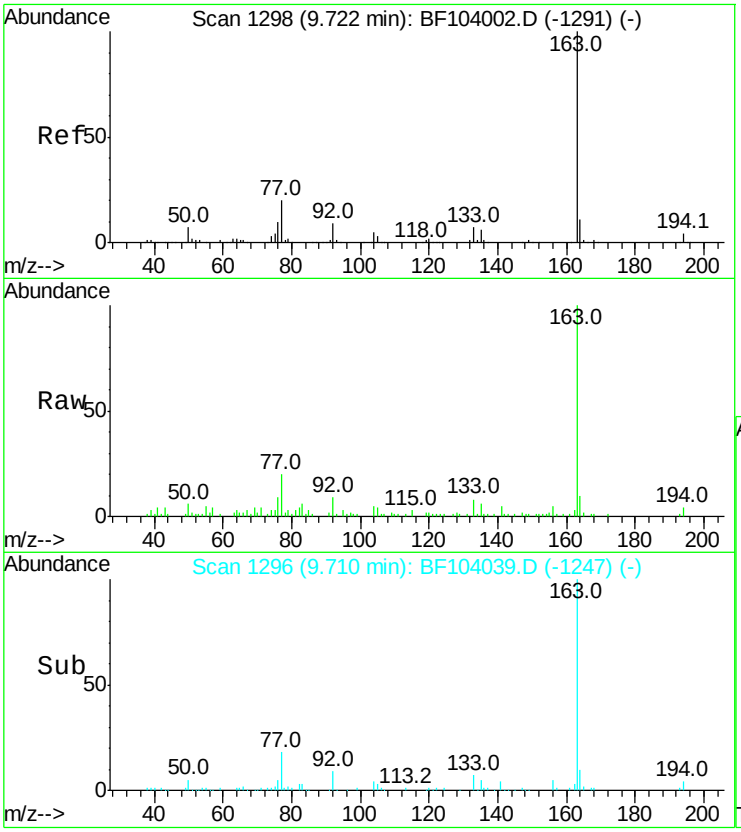


#48
Acenaphthylene
Concen: 9.149 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BF104039.D
Acq: 29 Mar 2018 7:46

Tgt Ion:152 Resp: 190673

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.3	24.5
153	12.3	10.7	16.1



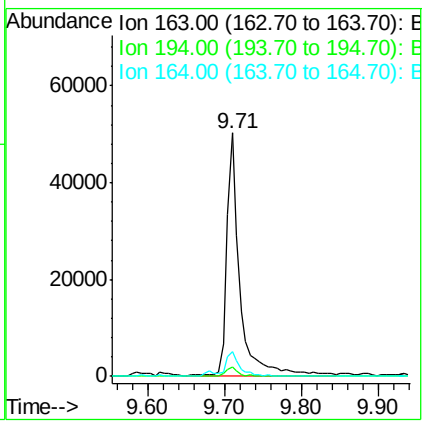


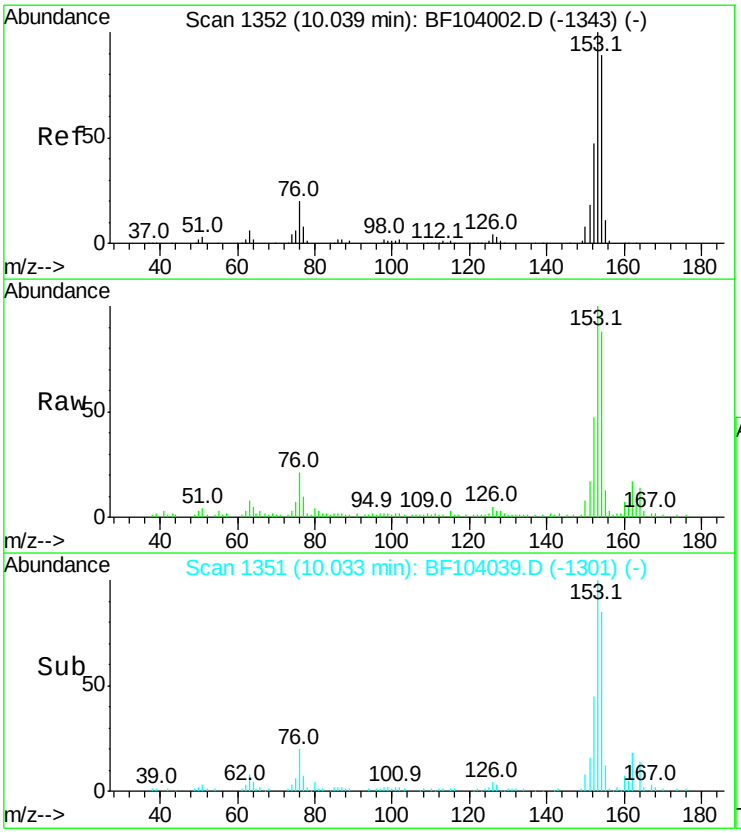
#49
Dimethylphthalate
Concen: 3.806 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF104039.D
Acq: 29 Mar 2018 7:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 61067

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	10.4	8.2	12.2

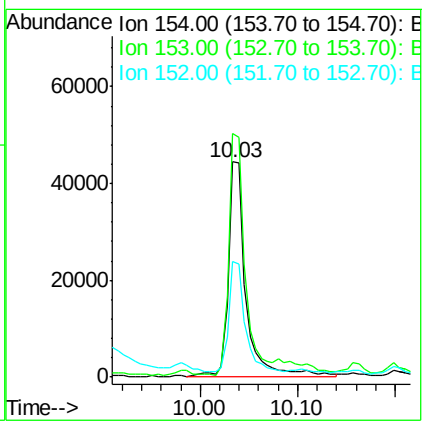


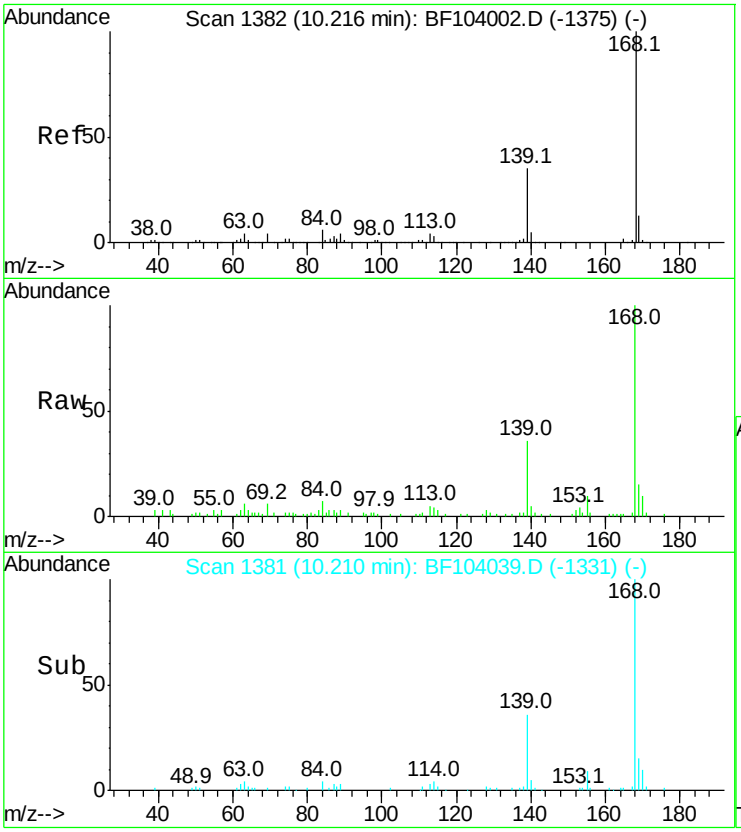


#51
Acenaphthene
Concen: 4.701 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BF104039.D
Acq: 29 Mar 2018 7:46

Tgt Ion:154 Resp: 56679

Ion	Ratio	Lower	Upper
154	100		
153	113.1	91.2	136.8
152	53.5	43.8	65.8



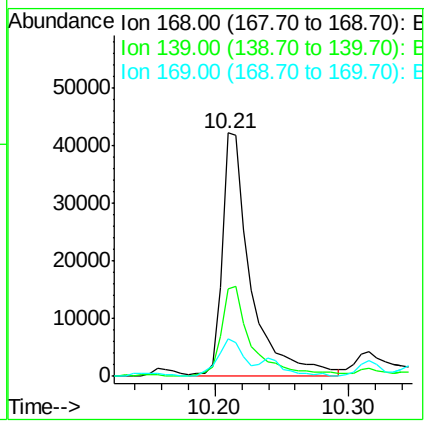


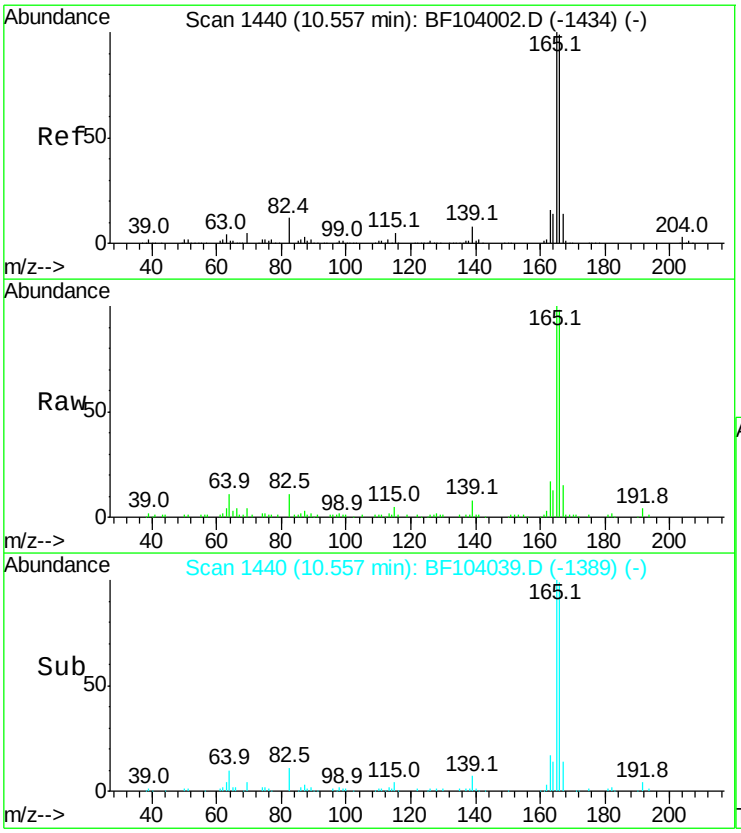
#54
Dibenzofuran
Concen: 3.604 ng
RT: 10.21 min Scan# 1381
Delta R.T. -0.01 min
Lab File: BF104039.D
Acq: 29 Mar 2018 7:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 63457

Ion	Ratio	Lower	Upper
168	100		
139	35.8	30.1	45.1
169	15.3	10.9	16.3

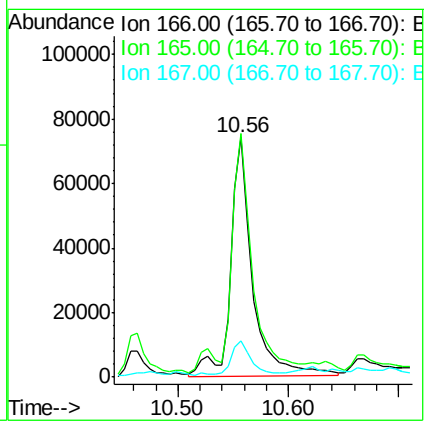


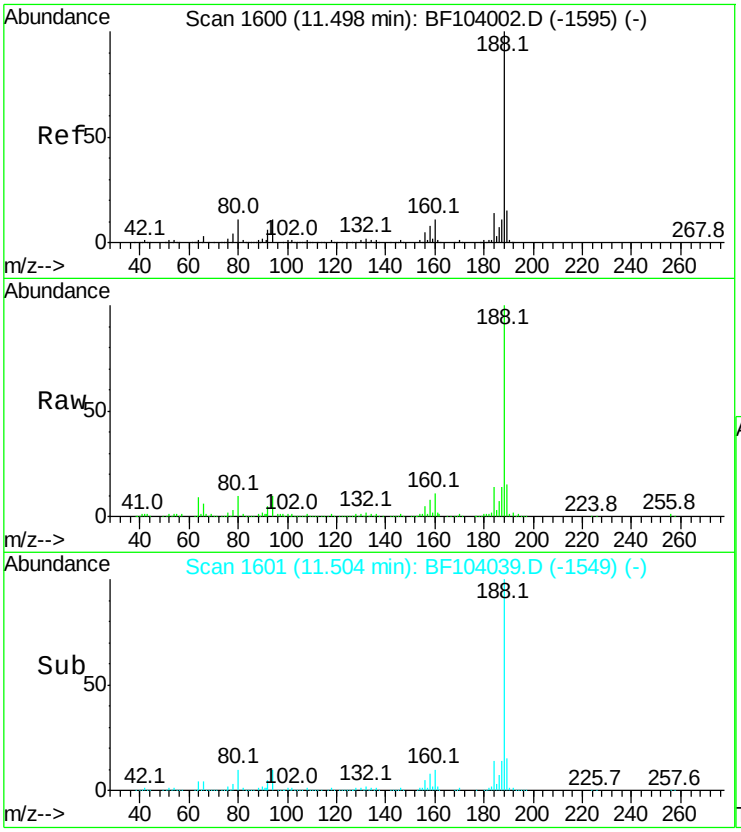


#57
Fluorene
Concen: 7.034 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BF104039.D
Acq: 29 Mar 2018 7:46

Tgt Ion:166 Resp: 102155

Ion	Ratio	Lower	Upper
166	100		
165	101.7	79.8	119.8
167	15.1	10.6	16.0



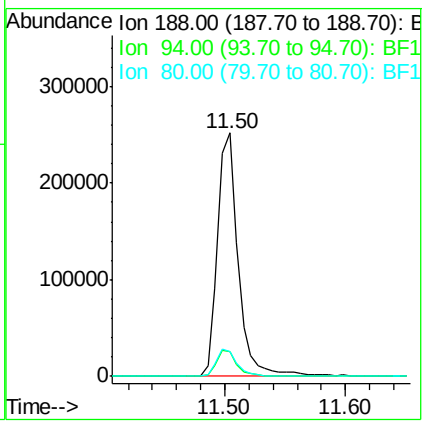


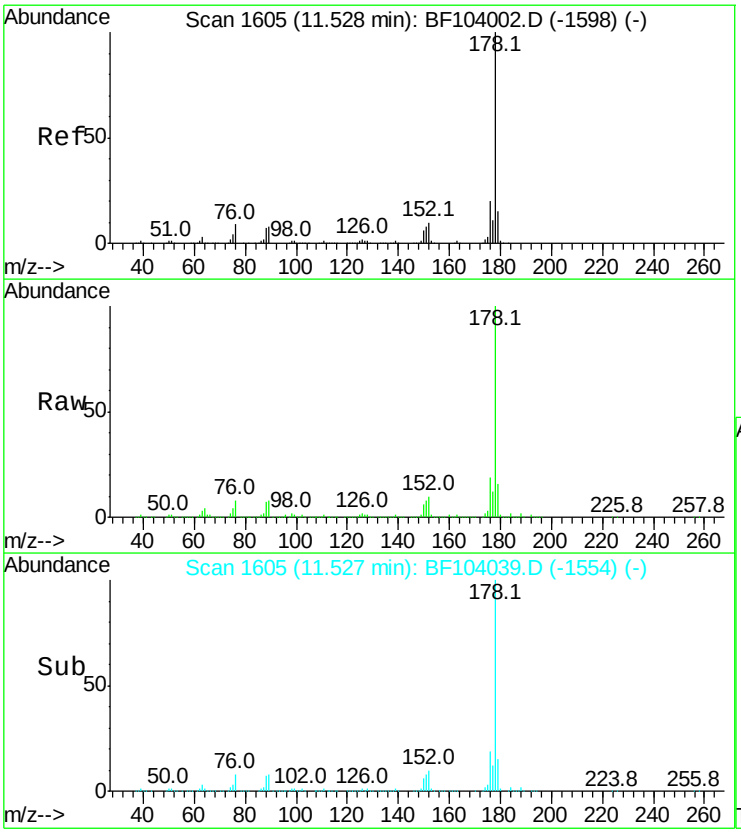
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF104039.D
Acq: 29 Mar 2018 7:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 298132

Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.5	12.7
80	10.1	9.2	13.8

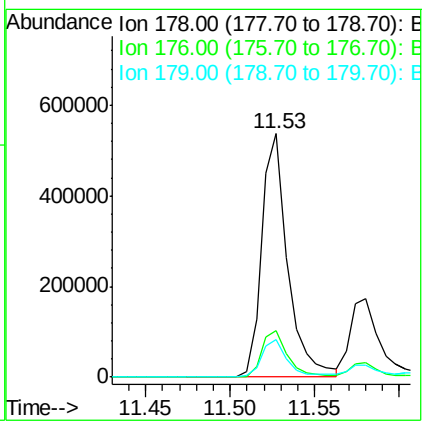


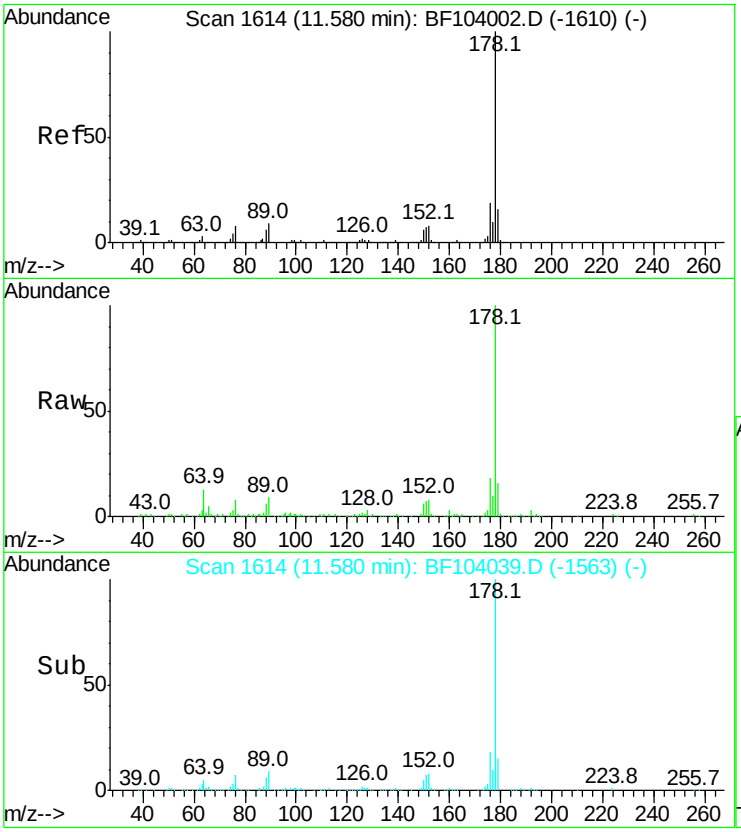


#70
Phenanthrene
Concen: 35.453 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.00 min
Lab File: BF104039.D
Acq: 29 Mar 2018 7:46

Tgt Ion:178 Resp: 572247

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	15.5	13.0	19.6



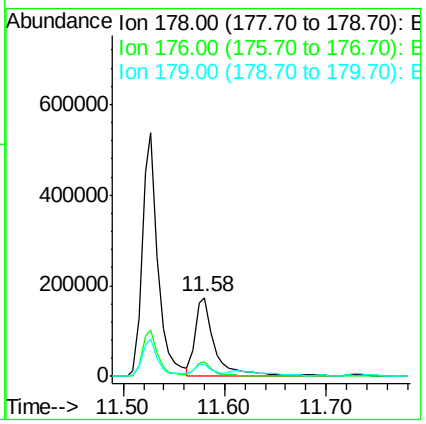


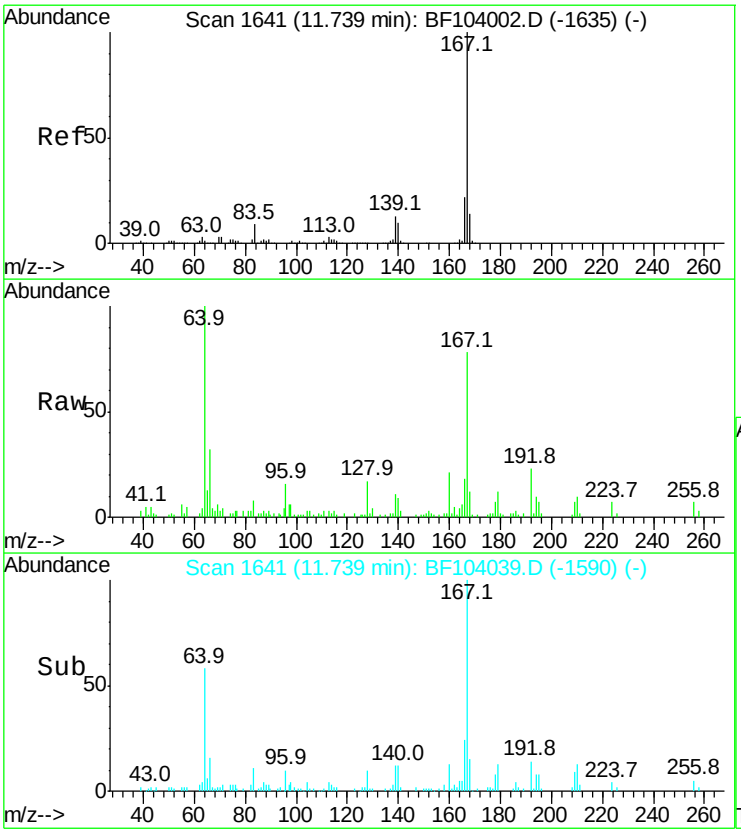
#71
Anthracene
Concen: 13.631 ng
RT: 11.58 min Scan# 1614
Delta R.T. -0.00 min
Lab File: BF104039.D
Acq: 29 Mar 2018 7:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 229819

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.4	23.2
179	15.7	12.6	19.0

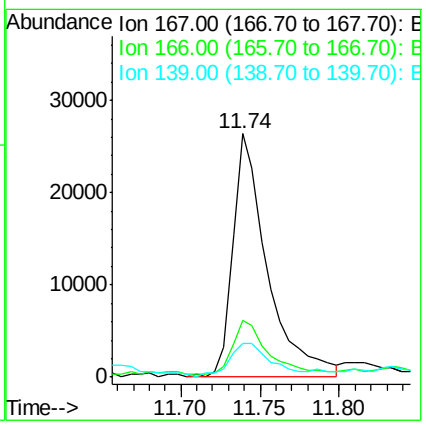


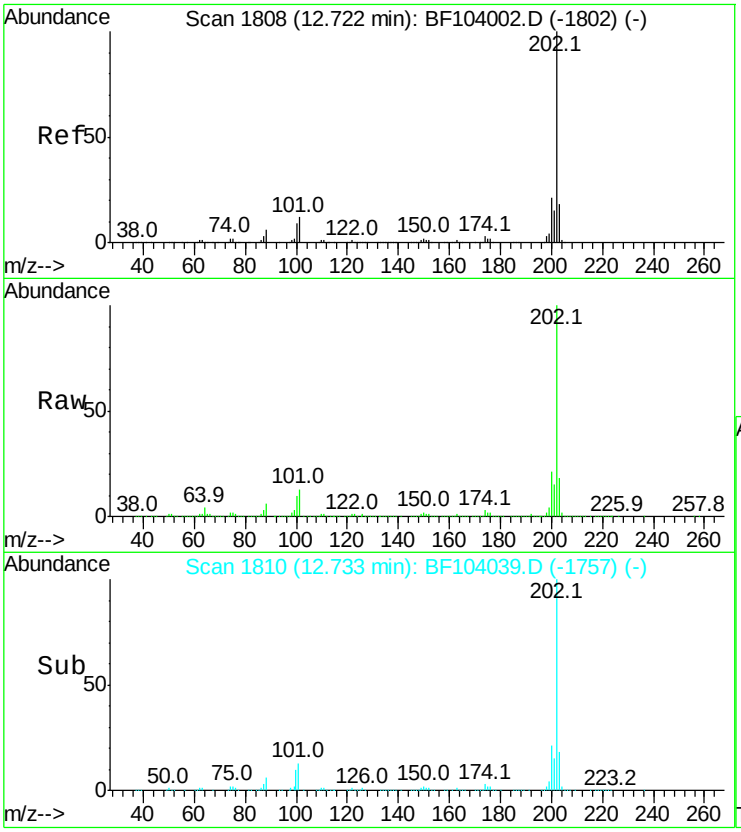


#72
Carbazole
Concen: 2.477 ng
RT: 11.74 min Scan# 1641
Delta R.T. -0.00 min
Lab File: BF104039.D
Acq: 29 Mar 2018 7:46

Tgt Ion:167 Resp: 39860

Ion	Ratio	Lower	Upper
167	100		
166	23.3	17.6	26.4
139	14.0	10.9	16.3



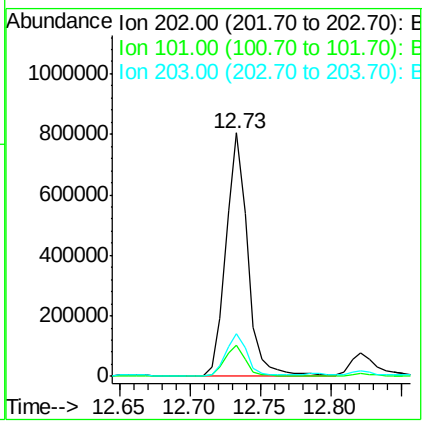


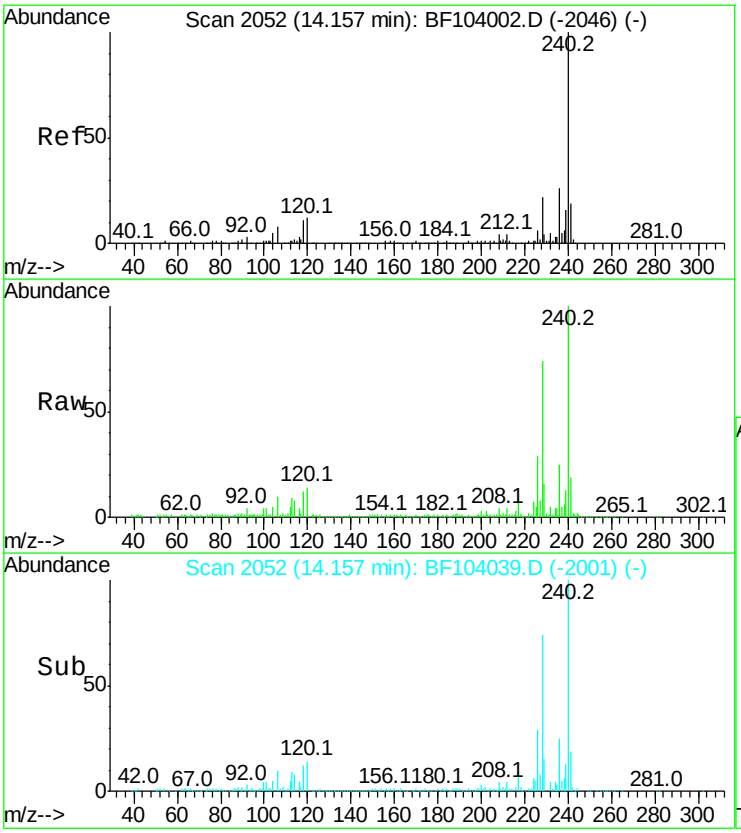
#74
Fluoranthene
Concen: 49.994 ng
RT: 12.73 min Scan# 1810
Delta R.T. 0.01 min
Lab File: BF104039.D
Acq: 29 Mar 2018 7:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 857770

Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	34.1
203	17.8	0.0	38.1

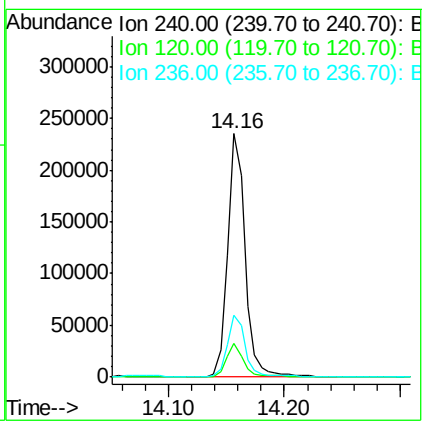


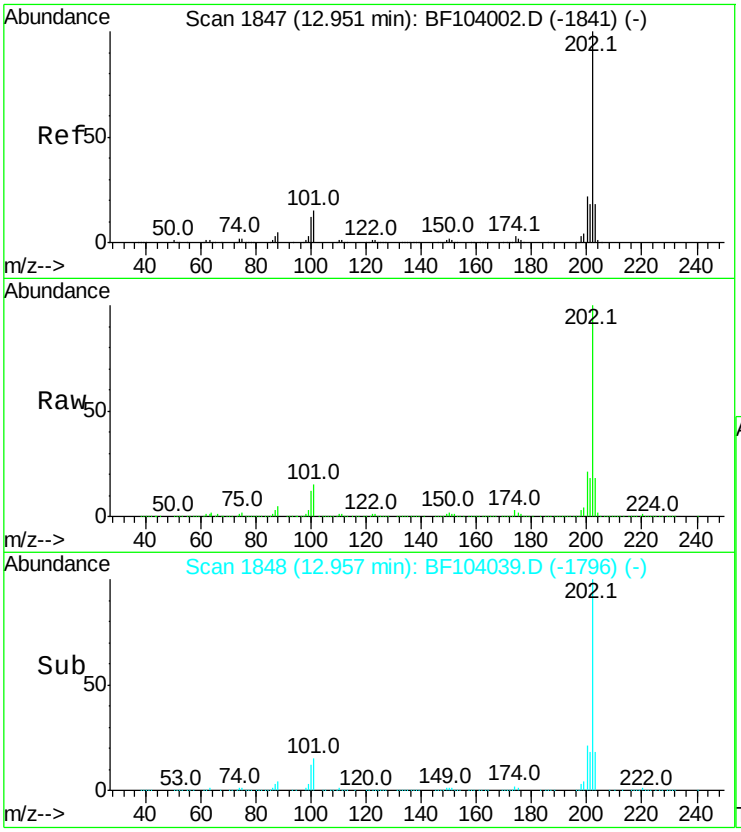


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.00 min
Lab File: BF104039.D
Acq: 29 Mar 2018 7:46

Tgt Ion:240 Resp: 245639

Ion	Ratio	Lower	Upper
240	100		
120	14.0	9.5	14.3
236	25.4	20.7	31.1



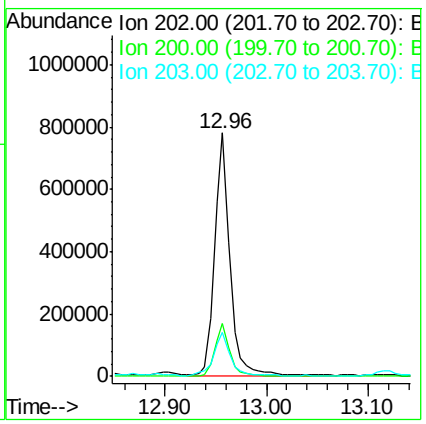


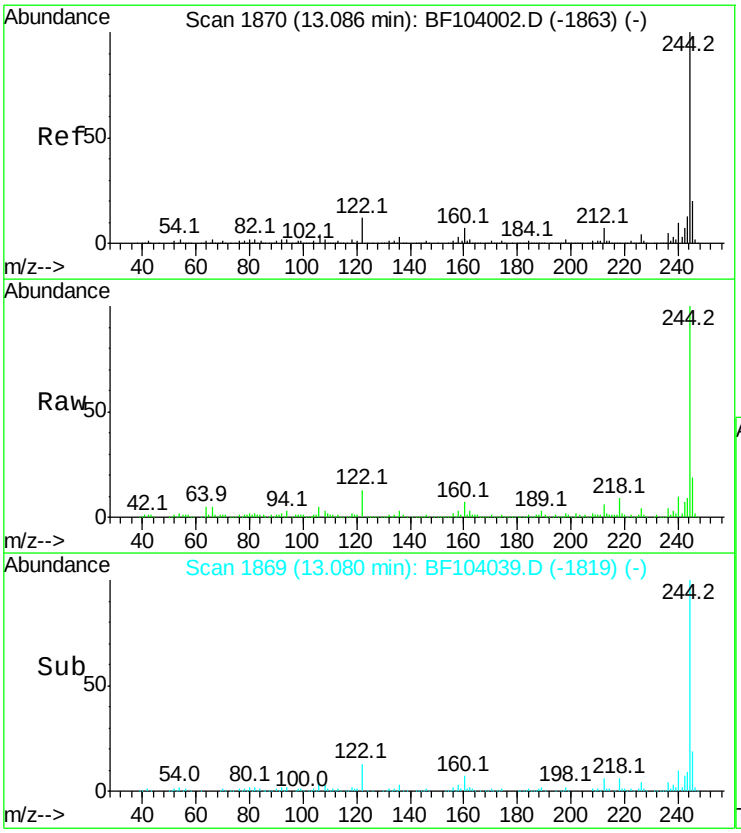
#77
Pyrene
Concen: 45.594 ng
RT: 12.96 min Scan# 1848
Delta R.T. 0.01 min
Lab File: BF104039.D
Acq: 29 Mar 2018 7:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 805091

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.4	26.2
203	18.2	14.3	21.5

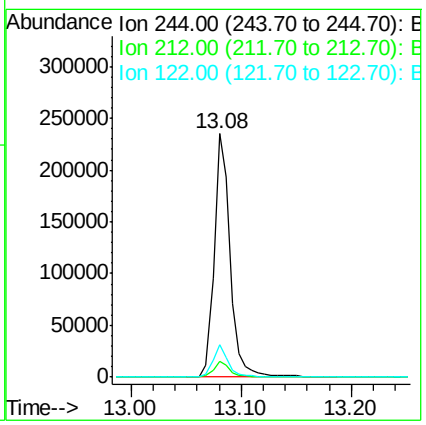


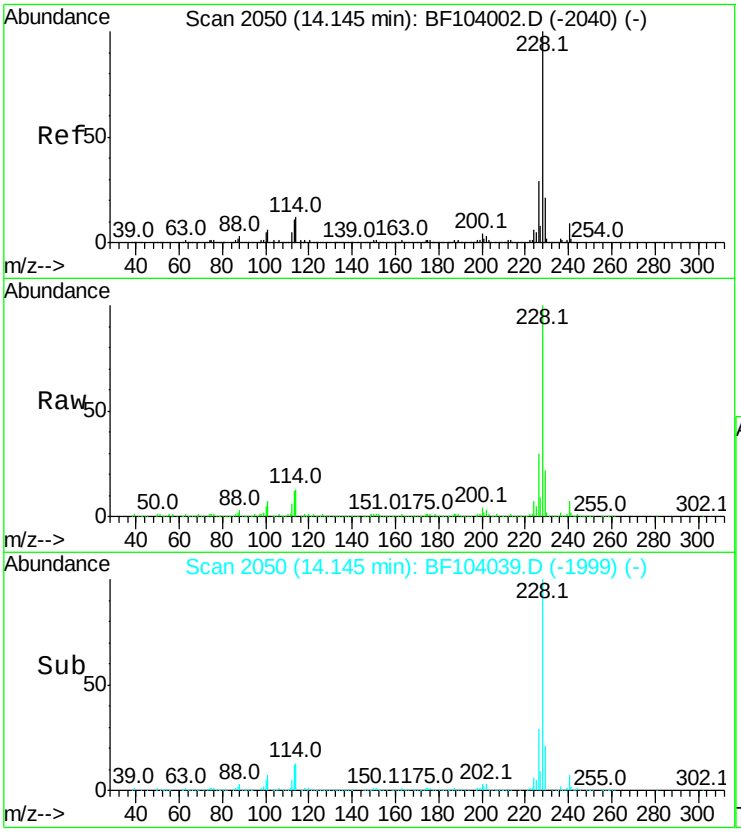


#78
Terphenyl-d14
Concen: 22.082 ng
RT: 13.08 min Scan# 1869
Delta R.T. -0.01 min
Lab File: BF104039.D
Acq: 29 Mar 2018 7:46

Tgt Ion:244 Resp: 234920

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.4	8.0
122	13.1	11.0	16.4



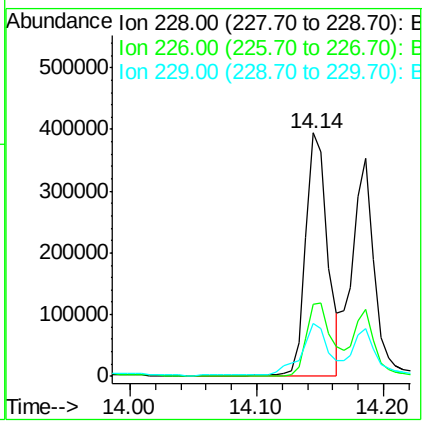


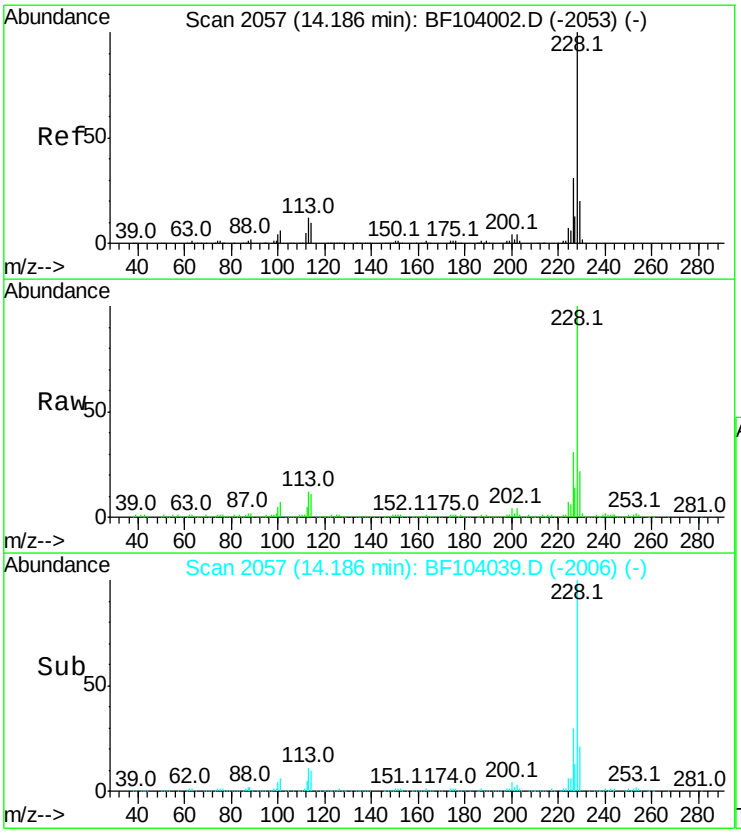
#80
Benzo(a)anthracene
Concen: 30.722 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.00 min
Lab File: BF104039.D
Acq: 29 Mar 2018 7:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 472201

Ion	Ratio	Lower	Upper
228	100		
226	29.5	22.6	33.8
229	21.5	15.8	23.6

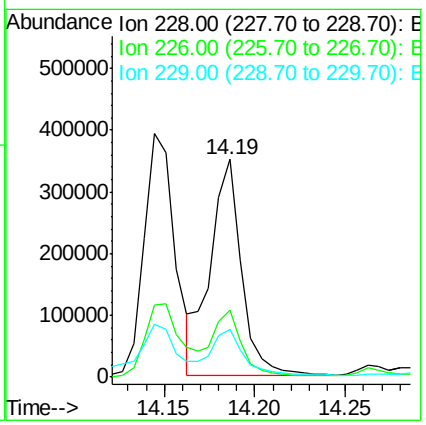


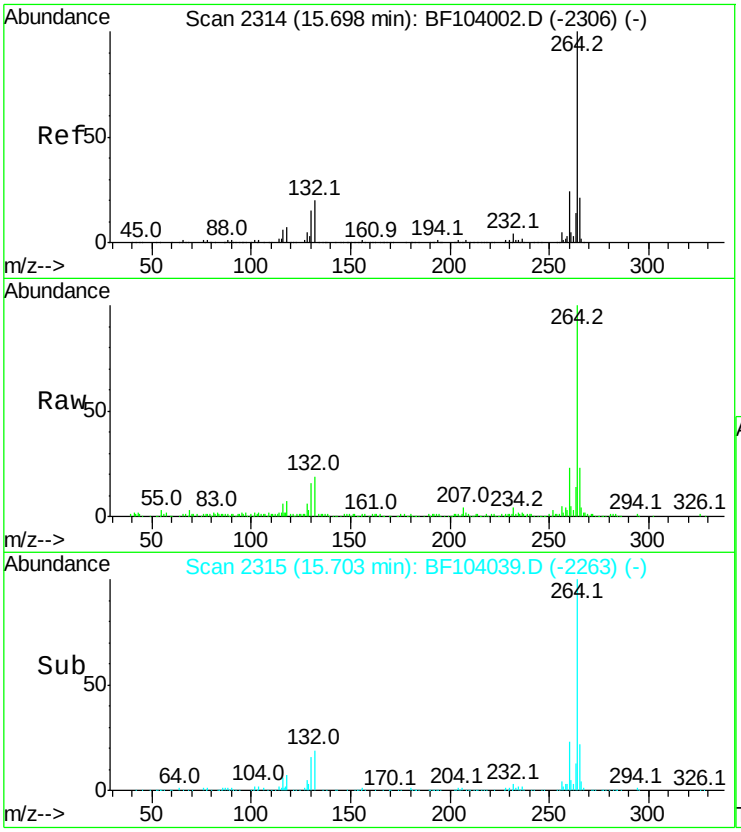


#82
Chrysene
Concen: 28.052 ng
RT: 14.19 min Scan# 2057
Delta R.T. -0.00 min
Lab File: BF104039.D
Acq: 29 Mar 2018 7:46

Tgt Ion:228 Resp: 422298

Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.6
229	21.7	16.2	24.4



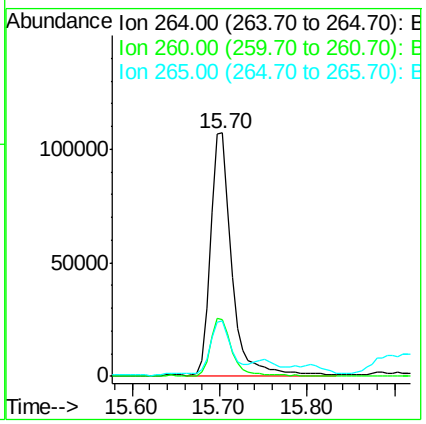


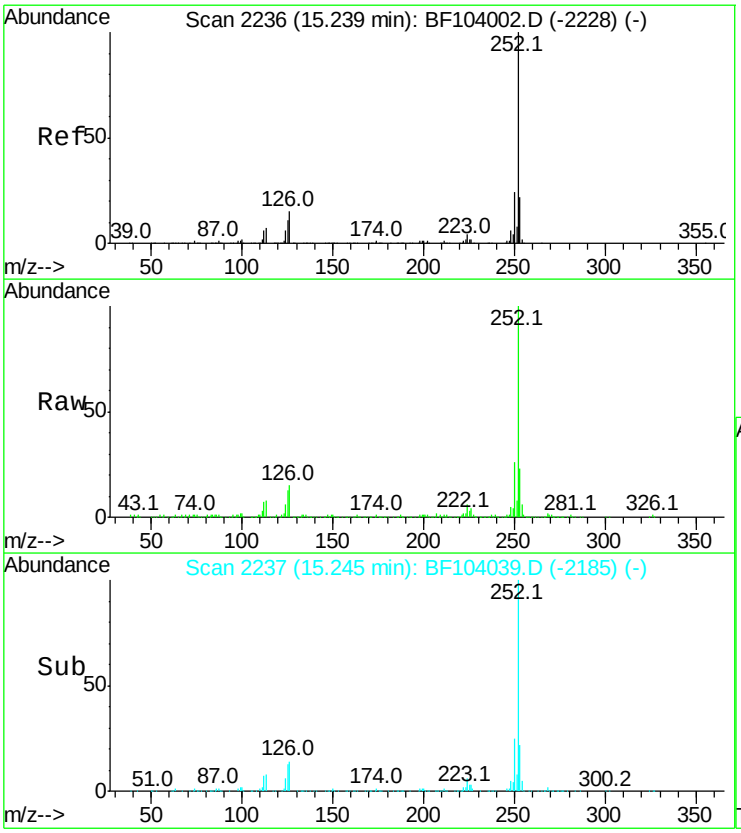
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2315
Delta R.T. 0.01 min
Lab File: BF104039.D
Acq: 29 Mar 2018 7:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 179316

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	22.6	17.5	26.3

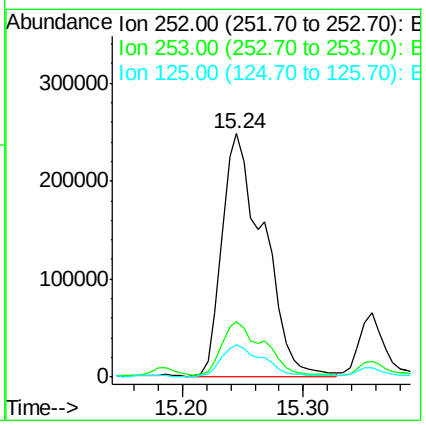


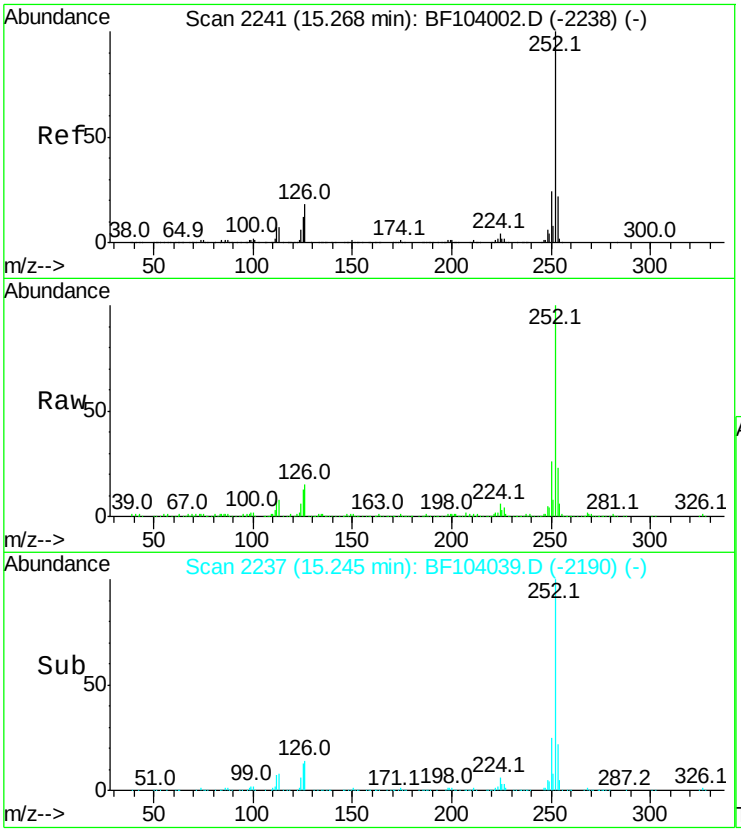


#87
Benzo(b)fluoranthene
Concen: 53.769 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.01 min
Lab File: BF104039.D
Acq: 29 Mar 2018 7:46

Tgt Ion:252 Resp: 586780

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.0	25.6
125	13.4	9.0	13.6



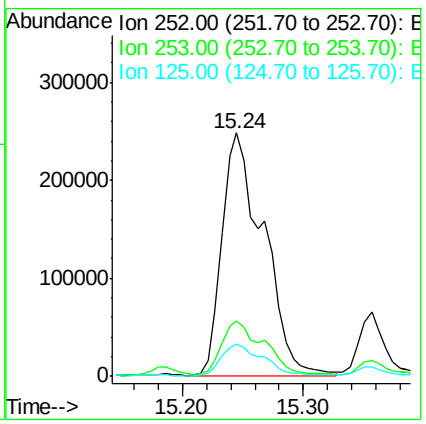


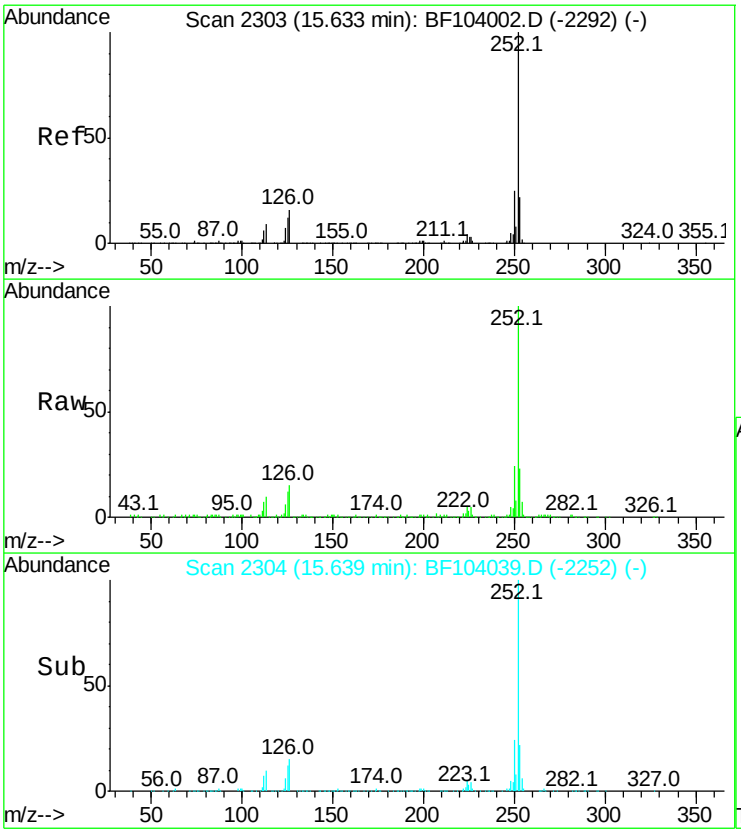
#88
Benzo(k)fluoranthene
Concen: 57.079 ng
RT: 15.24 min Scan# 2237
Delta R.T. -0.02 min
Lab File: BF104039.D
Acq: 29 Mar 2018 7:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 586780

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	13.4	10.2	15.2

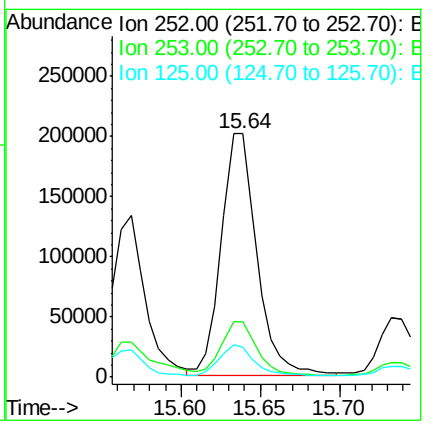


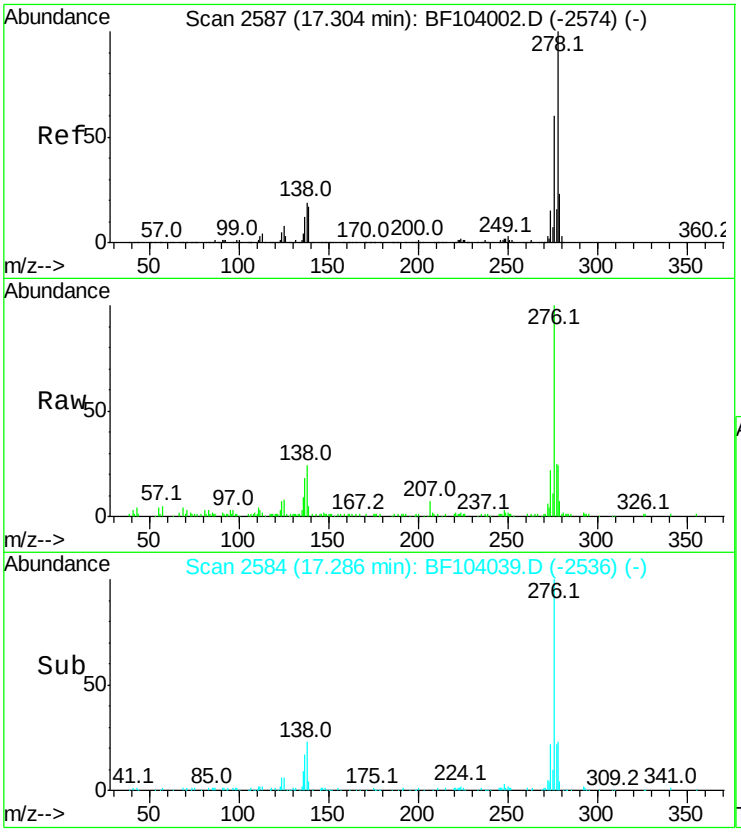


#89
Benzo(a)pyrene
Concen: 31.272 ng
RT: 15.64 min Scan# 2304
Delta R.T. 0.01 min
Lab File: BF104039.D
Acq: 29 Mar 2018 7:46

Tgt Ion:252 Resp: 316250

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.1	25.7
125	12.5	9.8	14.6



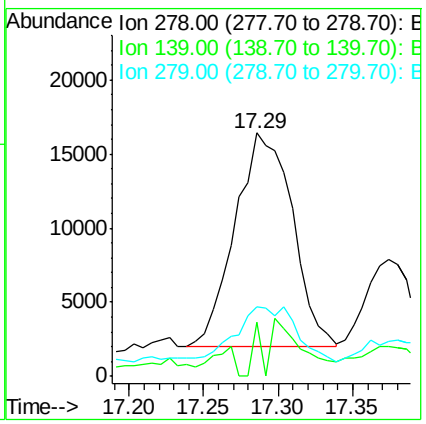


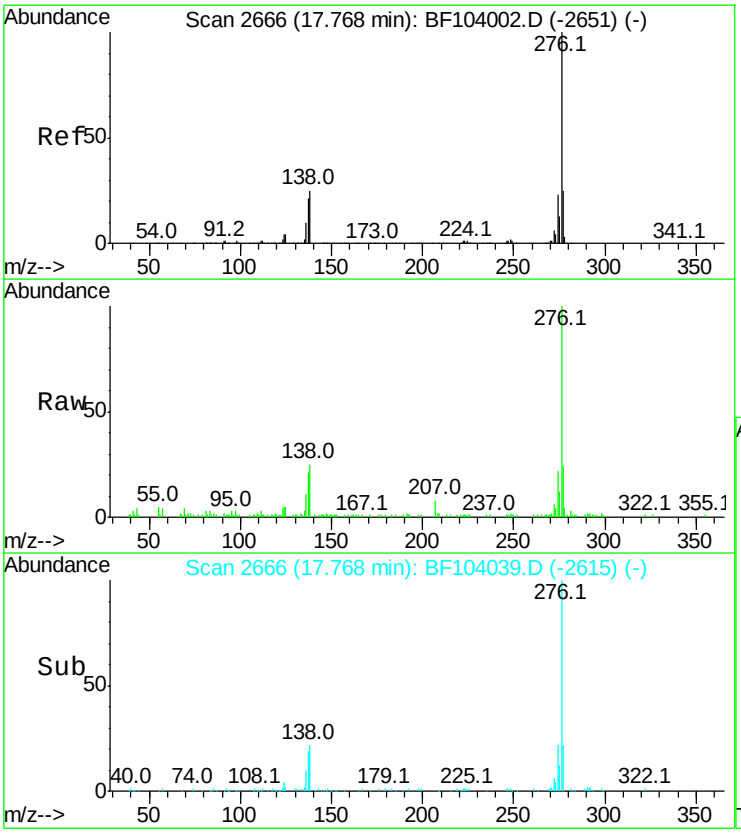
#90
Dibenzo(a,h)anthracene
Concen: 4.112 ng
RT: 17.29 min Scan# 2584
Delta R.T. -0.02 min
Lab File: BF104039.D
Acq: 29 Mar 2018 7:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 38449

Ion	Ratio	Lower	Upper
278	100		
139	22.3	15.9	23.9
279	28.5	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 16.151 ng
RT: 17.77 min Scan# 2666
Delta R.T. -0.00 min
Lab File: BF104039.D
Acq: 29 Mar 2018 7:46

Tgt Ion:276 Resp: 151261

Ion	Ratio	Lower	Upper
276	100		
277	24.2	17.9	26.9
138	24.8	21.8	32.8