Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF040218\
Data File : BF104167.D
Acq On : 3 Apr 2018 7:54
Operator : JU/SJ
Sample : J2176-04
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 03 08:28:12 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 02 13:40:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	89883	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	362282	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	145544	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	226394	20.00	ng		0.00
75) Chrysene-d12	14.17	240	180463	20.00	ng		0.02
86) Perylene-d12	15.72	264	138413	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	642587	114.01	ng		0.01
7) Phenol-d6	6.60	99	793415	114.42	ng		0.00
23) Nitrobenzene-d5	7.53	82	470437	79.41	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	146154	90.18	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	659876	71.50	ng		0.00
78) Terphenyl-d14	13.09	244	468123	59.89	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.73	77	12864	2.314	ng		85
10) Phenol	6.62	94	25380	3.303	ng	#	46
19) n-Nitroso-di-n-propylamine	7.53	70	55987	13.605	ng	#	72
25) Isophorone	7.53	82	471656	43.203	ng	#	64
31) Naphthalene	8.26	128	262235	14.817	ng		100
33) 4-Chloroaniline	8.26	127	34104	4.571	ng	#	37
37) 2-Methylnaphthalene	8.96	142	40748	3.495	ng		98
48) Acenaphthylene	9.86	152	316768	21.220	ng		99
49) Dimethylphthalate	9.70	163	74257	6.462	ng		98
51) Acenaphthene	10.03	154	149811	17.348	ng		100
53) 2,4-Dinitrophenol	10.29	184	392	5.910	ng	#	42
54) Dibenzofuran	10.21	168	154391	12.243	ng		99
57) Fluorene	10.55	166	298466	28.692	ng		99
66) 4-Bromophenyl-phenylether	10.80	248	8537	3.525	ng	#	1
70) Phenanthrene	11.53	178	1299752	106.040	ng		99
71) Anthracene	11.58	178	666868	52.087	ng		99
72) Carbazole	11.74	167	205486	16.816	ng		99
74) Fluoranthene	12.73	202	1890408	145.094	ng		99
77) Pyrene	12.97	202	1811754	139.659	ng		99
80) Benzo(a)anthracene	14.20	228	783114	69.352	ng		93
82) Chrysene	14.20	228	783114	70.807	ng		98
83) Bis(2-ethylhexyl)phthalate	14.10	149	34395	4.356	ng	#	95
85) Indeno(1,2,3-cd)pyrene	17.32	276	291152	25.404	ng	#	88
87) Benzo(b)fluoranthene	15.26	252	1034006	122.750	ng	#	96
88) Benzo(k)fluoranthene	15.26	252	1034006	130.307	ng		99
89) Benzo(a)pyrene	15.66	252	583749	74.780	ng		97
90) Dibenzo(a,h)anthracene	17.32	278	69228	9.592	ng	#	86
91) Benzo(g,h,i)perylene	17.80	276	264783	36.628	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\BF040218\
Data File : BF104167.D
Acq On : 3 Apr 2018 7:54
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Misc :
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Instrument :
BNA_F
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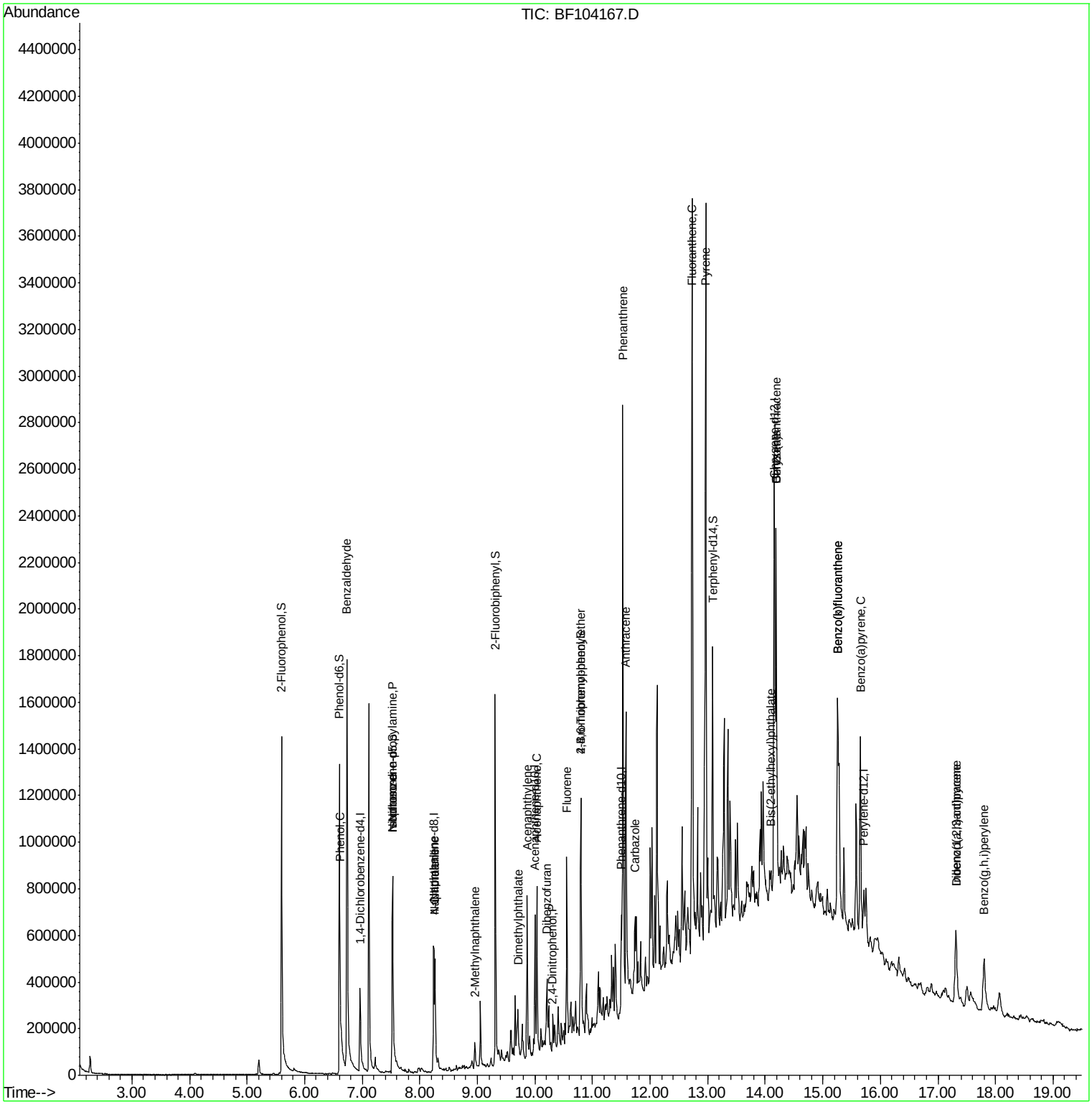
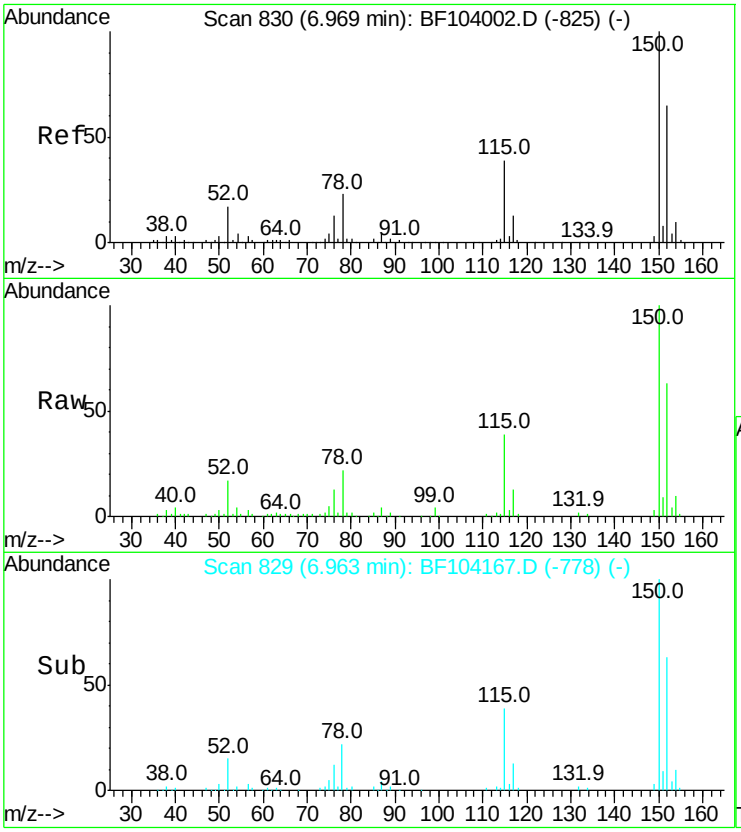


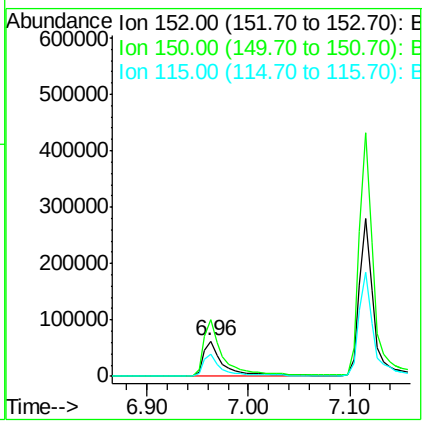


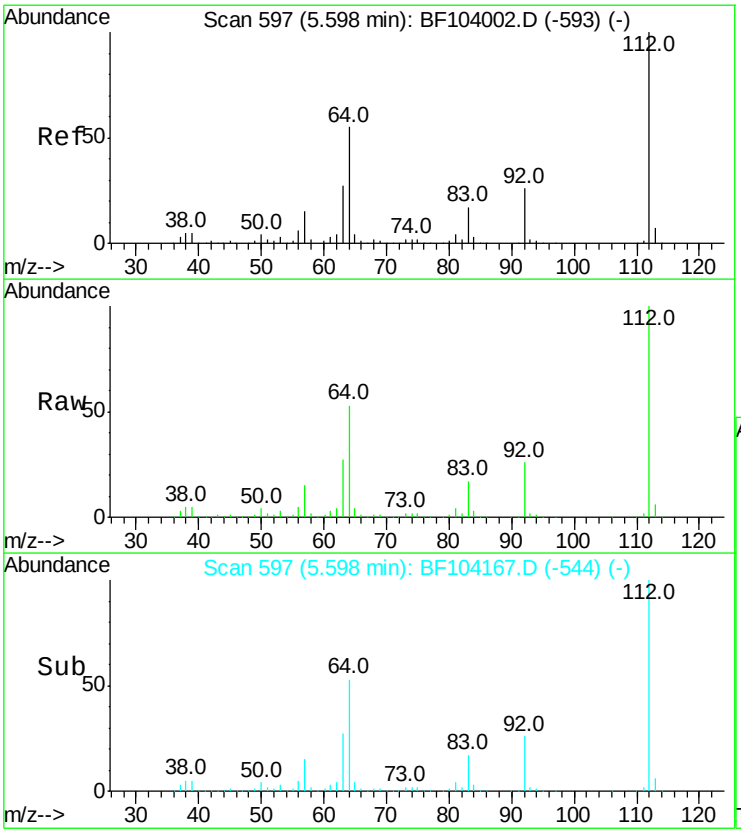
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BF104167.D
Acq: 3 Apr 2018 7:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 89883

Ion	Ratio	Lower	Upper
152	100		
150	159.6	124.6	186.8
115	61.8	50.1	75.1

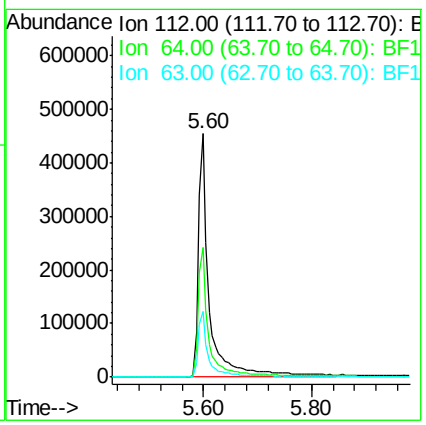


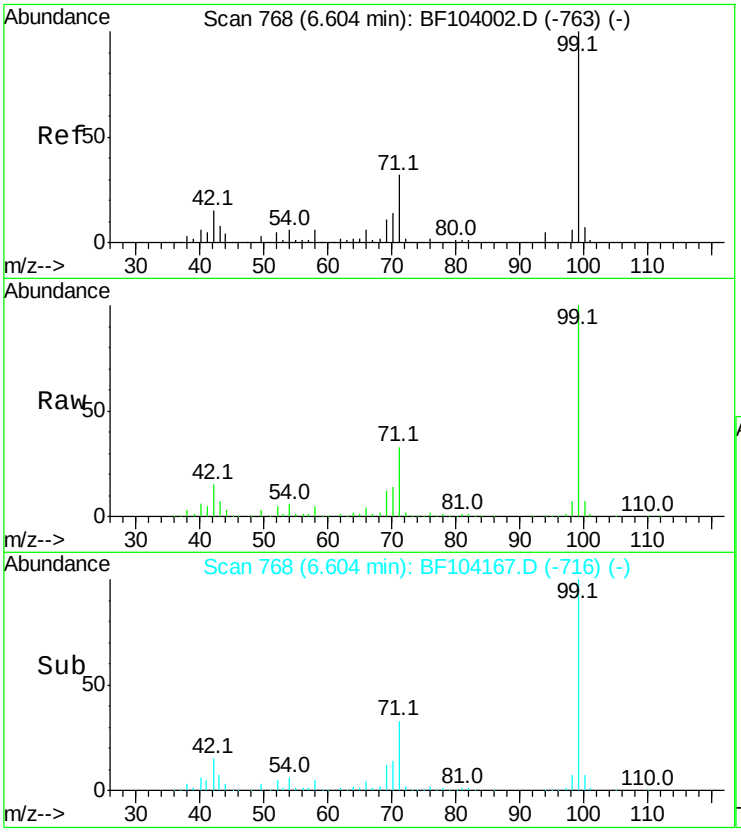


#5
2-Fluorophenol
Concen: 114.011 ng
RT: 5.60 min Scan# 597
Delta R.T. 0.01 min
Lab File: BF104167.D
Acq: 3 Apr 2018 7:54

Tgt Ion:112 Resp: 642587

Ion	Ratio	Lower	Upper
112	100		
64	53.2	47.9	71.9
63	26.7	23.7	35.5



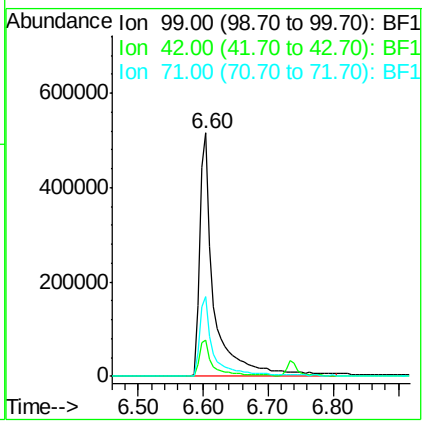


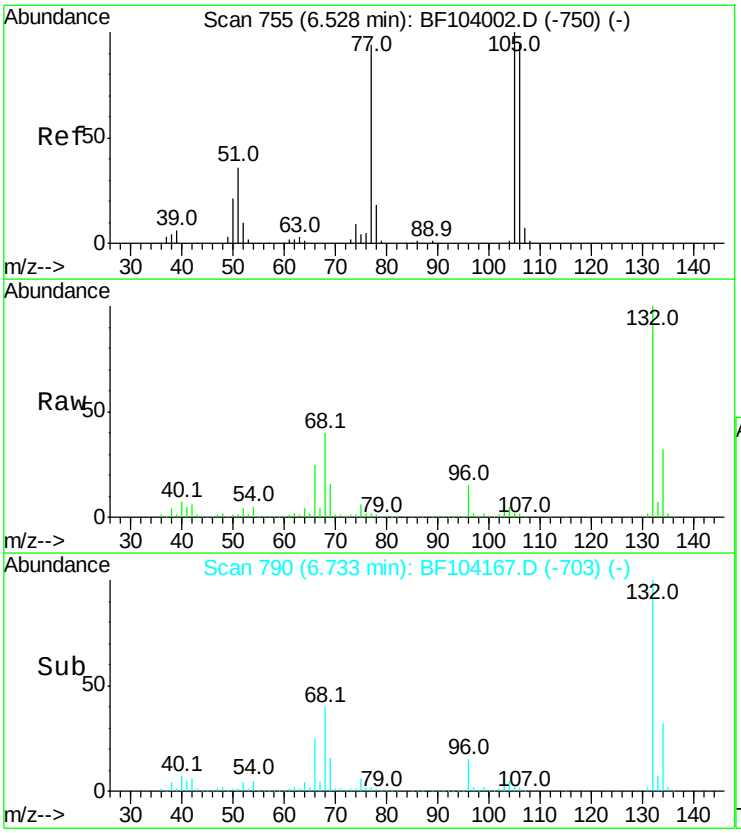
#7
Phenol-d6
Concen: 114.420 ng
RT: 6.60 min Scan# 768
Delta R.T. 0.01 min
Lab File: BF104167.D
Acq: 3 Apr 2018 7:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 793415

Ion	Ratio	Lower	Upper
99	100		
42	14.6	14.5	21.7
71	32.7	25.4	38.0

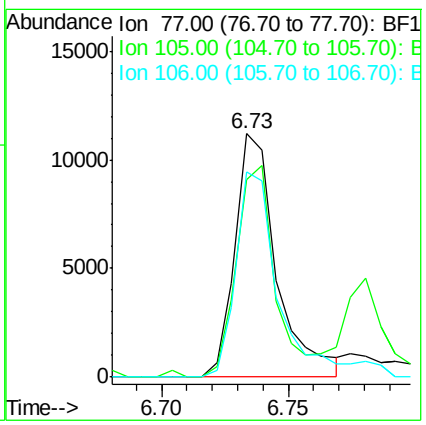


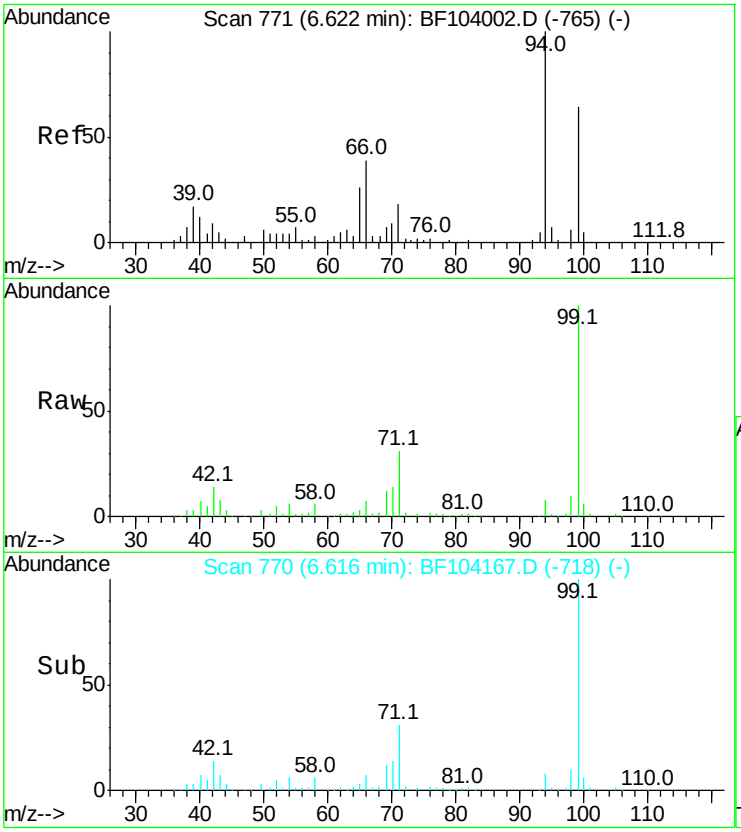


#9
Benzaldehyde
Concen: 2.314 ng
RT: 6.73 min Scan# 790
Delta R.T. 0.21 min
Lab File: BF104167.D
Acq: 3 Apr 2018 7:54

Tgt Ion: 77 Resp: 12864

Ion	Ratio	Lower	Upper
77	100		
105	81.3	81.1	121.1
106	84.2	74.5	114.5



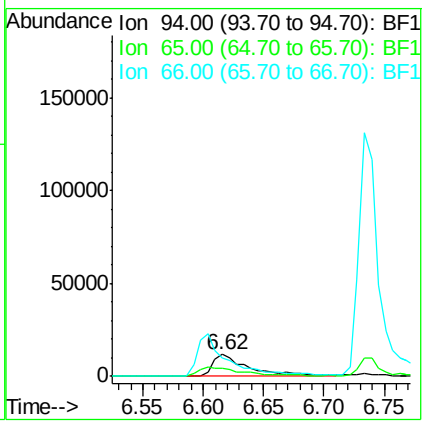


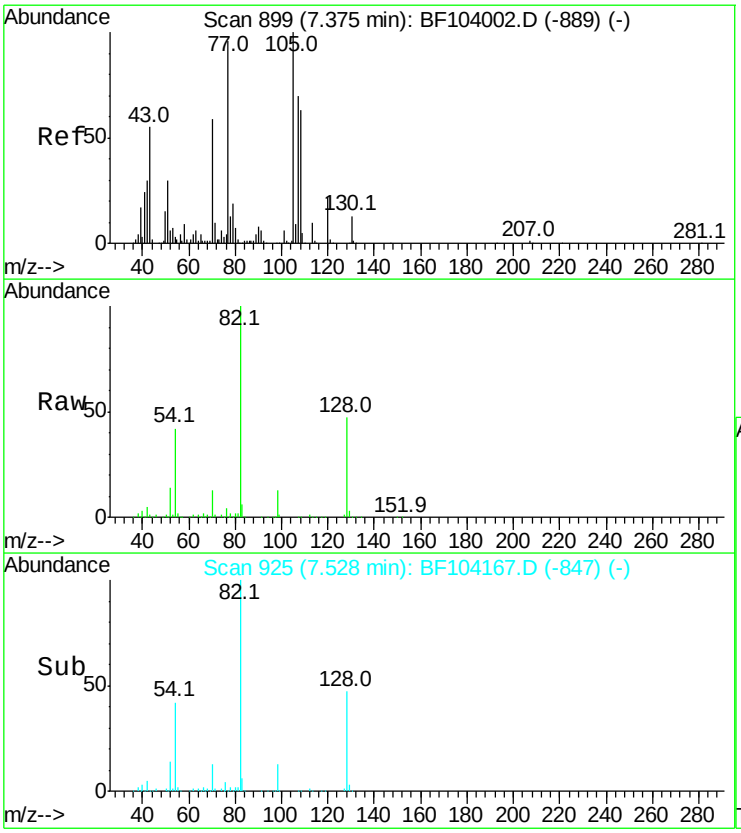
#10
Phenol
Concen: 3.303 ng
RT: 6.62 min Scan# 770
Delta R.T. 0.01 min
Lab File: BF104167.D
Acq: 3 Apr 2018 7:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 25380

Ion	Ratio	Lower	Upper
94	100		
65	39.0	7.9	47.9
66	82.9	16.2	56.2#

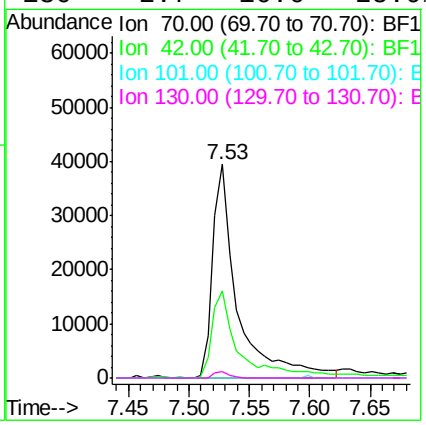


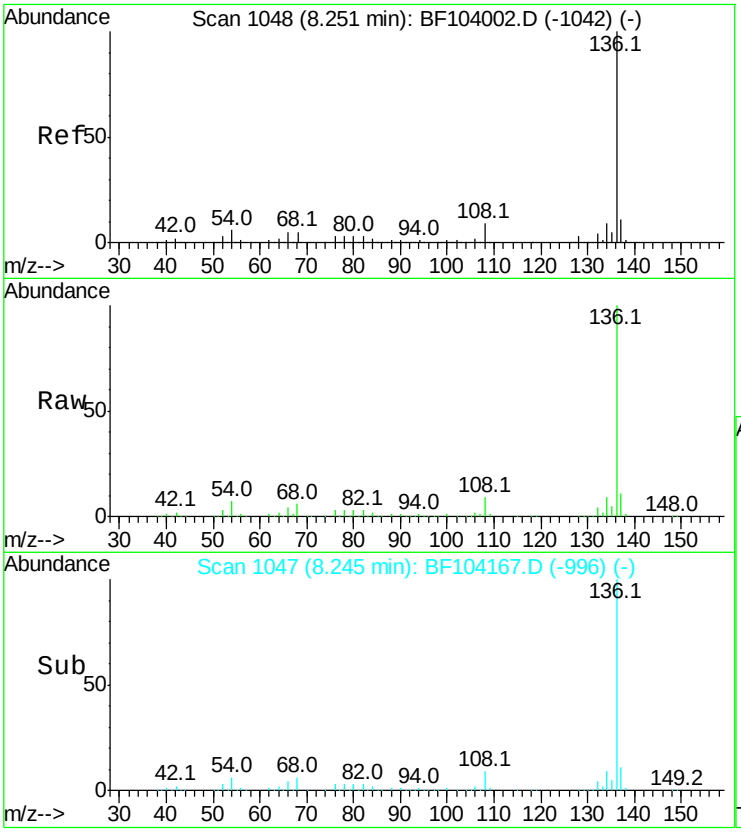


#19
n-Nitroso-di-n-propylamine
Concen: 13.605 ng
RT: 7.53 min Scan# 925
Delta R.T. 0.16 min
Lab File: BF104167.D
Acq: 3 Apr 2018 7:54

Tgt Ion: 70 Resp: 55987

Ion	Ratio	Lower	Upper
70	100		
42	40.6	47.5	71.3#
101	0.0	7.4	11.2#
130	2.7	16.6	25.0#



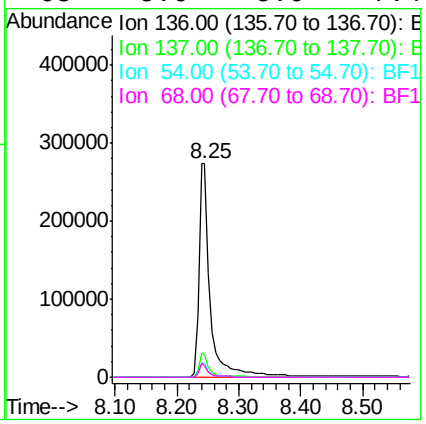


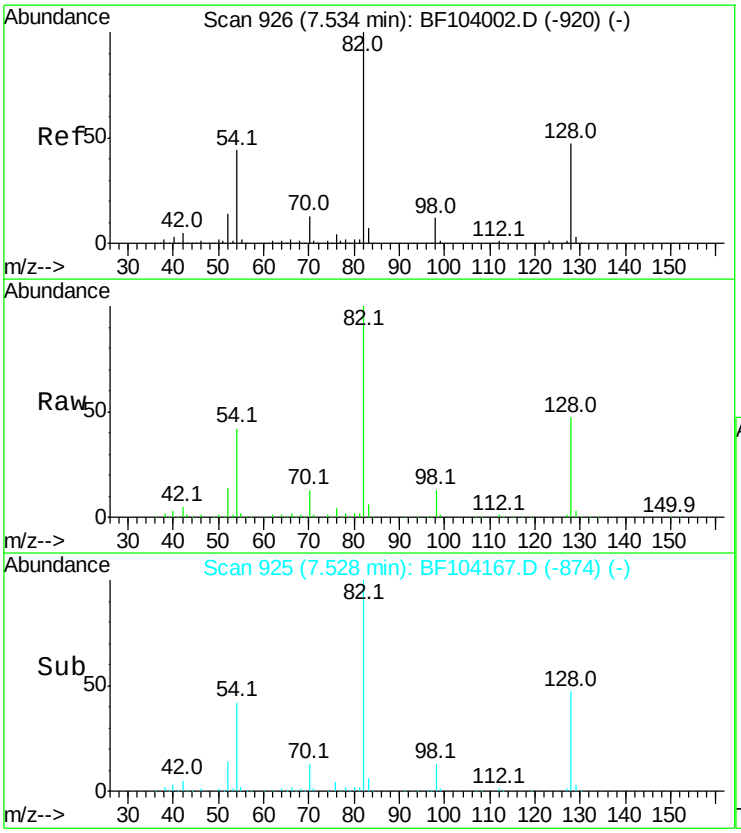
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BF104167.D
Acq: 3 Apr 2018 7:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 362282

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	6.5	6.6	9.8#
68	5.6	5.0	7.4

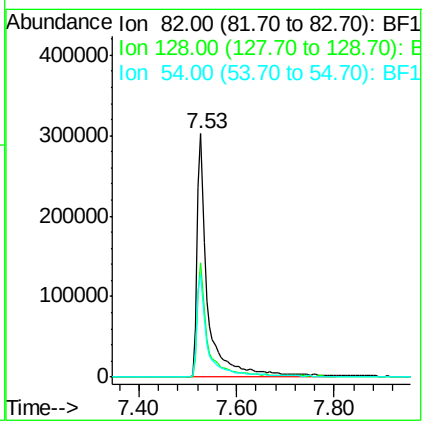


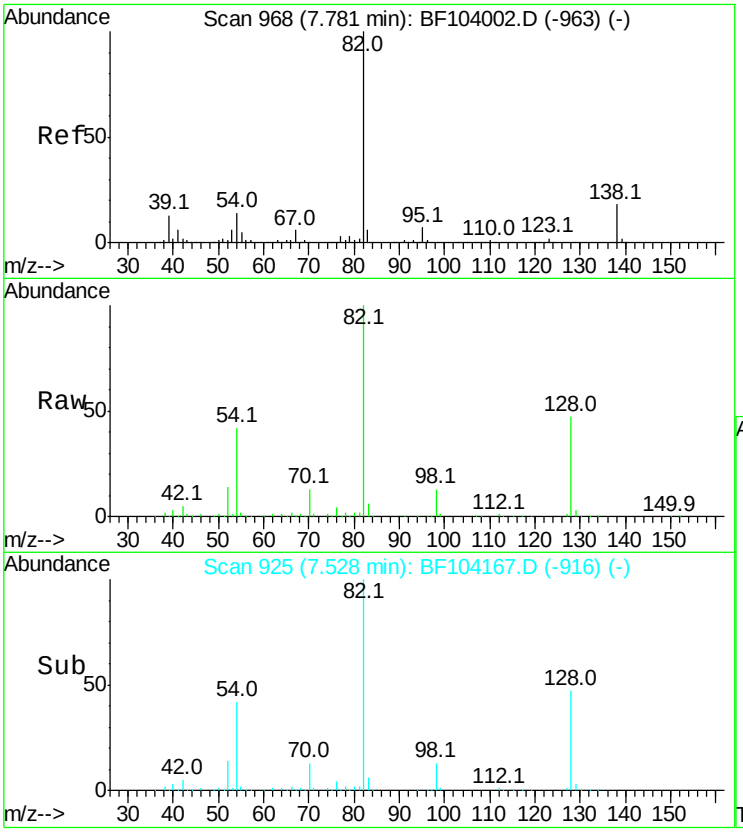


#23
Nitrobenzene-d5
Concen: 79.413 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.00 min
Lab File: BF104167.D
Acq: 3 Apr 2018 7:54

Tgt Ion: 82 Resp: 470437

Ion	Ratio	Lower	Upper
82	100		
128	47.2	36.1	54.1
54	42.4	41.4	62.2



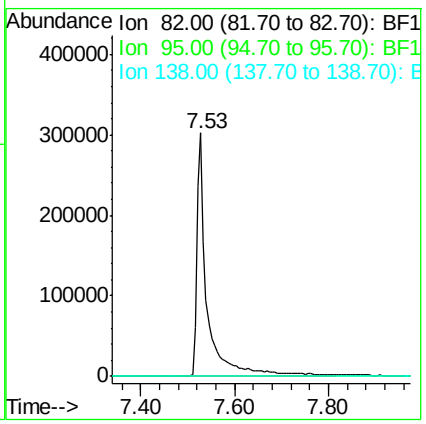


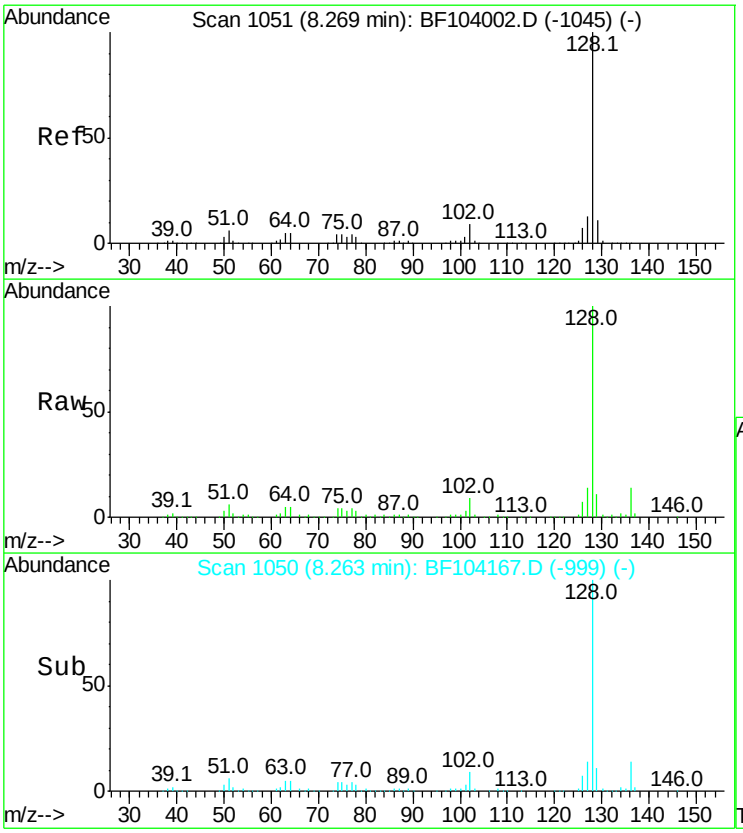
#25
Isophorone
Concen: 43.203 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.25 min
Lab File: BF104167.D
Acq: 3 Apr 2018 7:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 471656

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

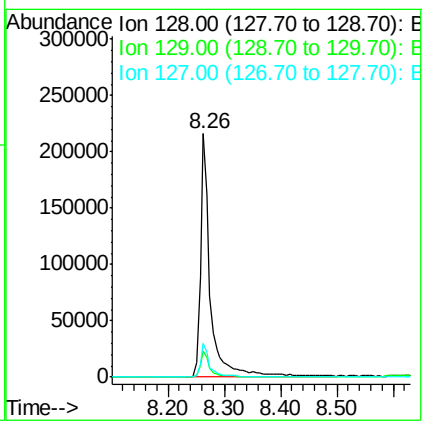


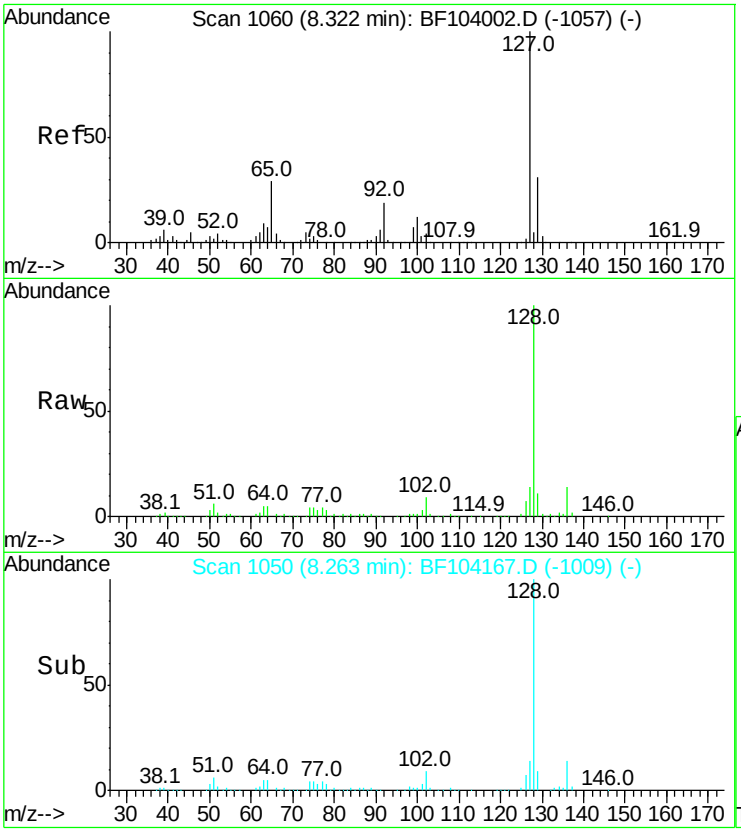


#31
Naphthalene
Concen: 14.817 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BF104167.D
Acq: 3 Apr 2018 7:54

Tgt Ion:128 Resp: 262235

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	13.8	10.9	16.3



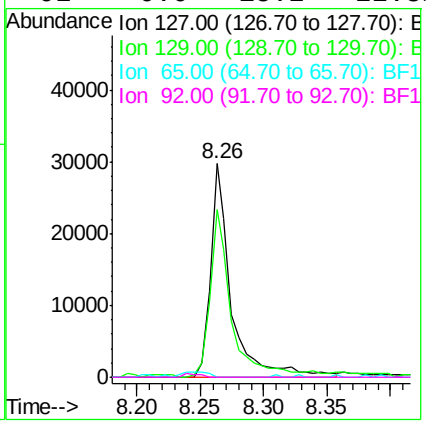


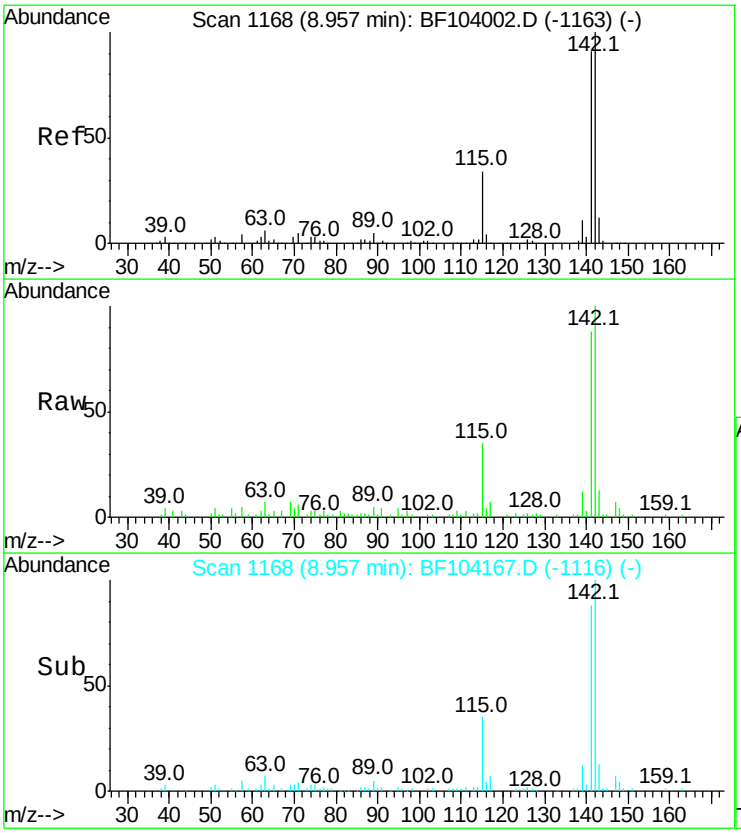
#33
4-Chloroaniline
Concen: 4.571 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.06 min
Lab File: BF104167.D
Acq: 3 Apr 2018 7:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:127 Resp: 34104

Ion	Ratio	Lower	Upper
127	100		
129	78.7	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#

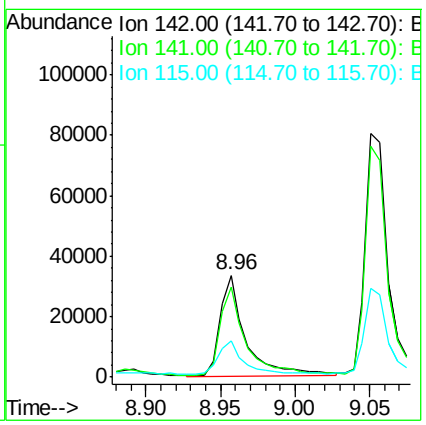


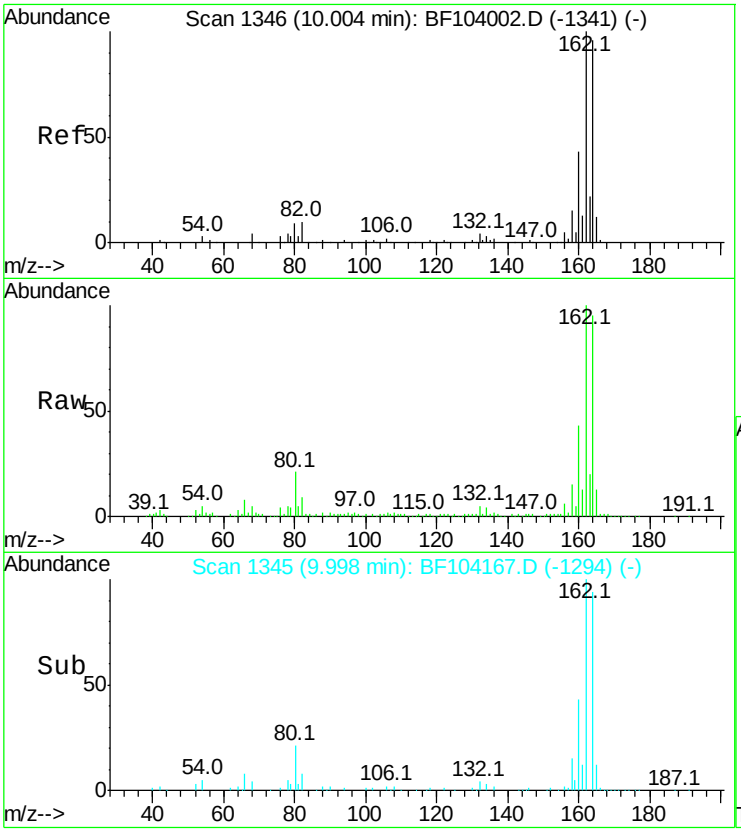


#37
2-Methylnaphthalene
Concen: 3.495 ng
RT: 8.96 min Scan# 1168
Delta R.T. 0.01 min
Lab File: BF104167.D
Acq: 3 Apr 2018 7:54

Tgt Ion:142 Resp: 40748

Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.8	106.2
115	35.4	26.1	39.1



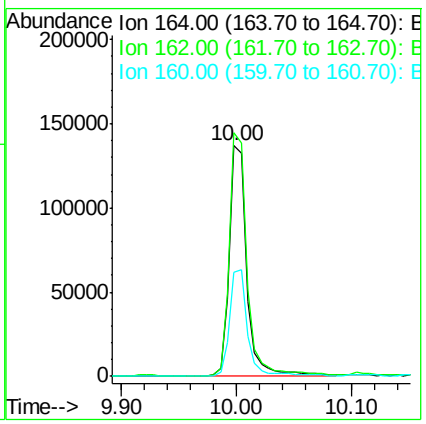


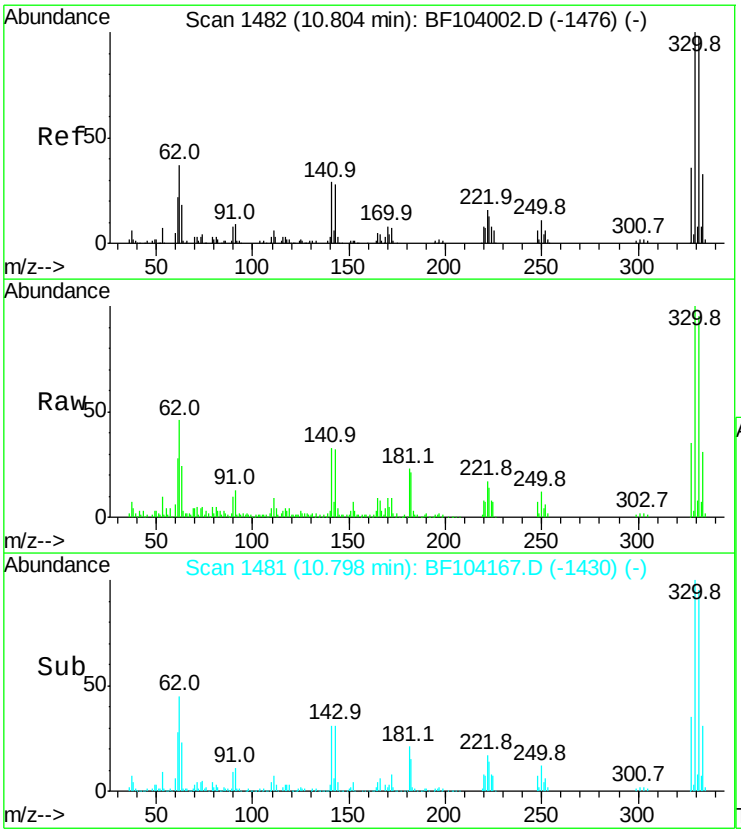
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BF104167.D
Acq: 3 Apr 2018 7:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 145544

Ion	Ratio	Lower	Upper
164	100		
162	105.7	86.1	129.1
160	45.2	38.3	57.5

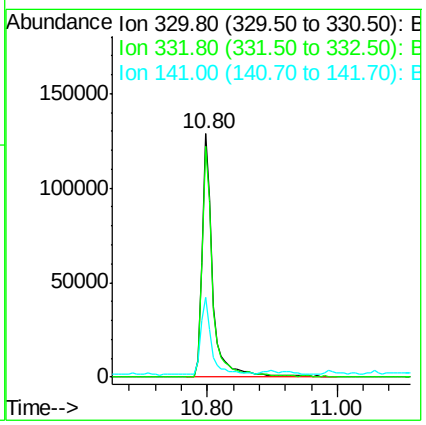


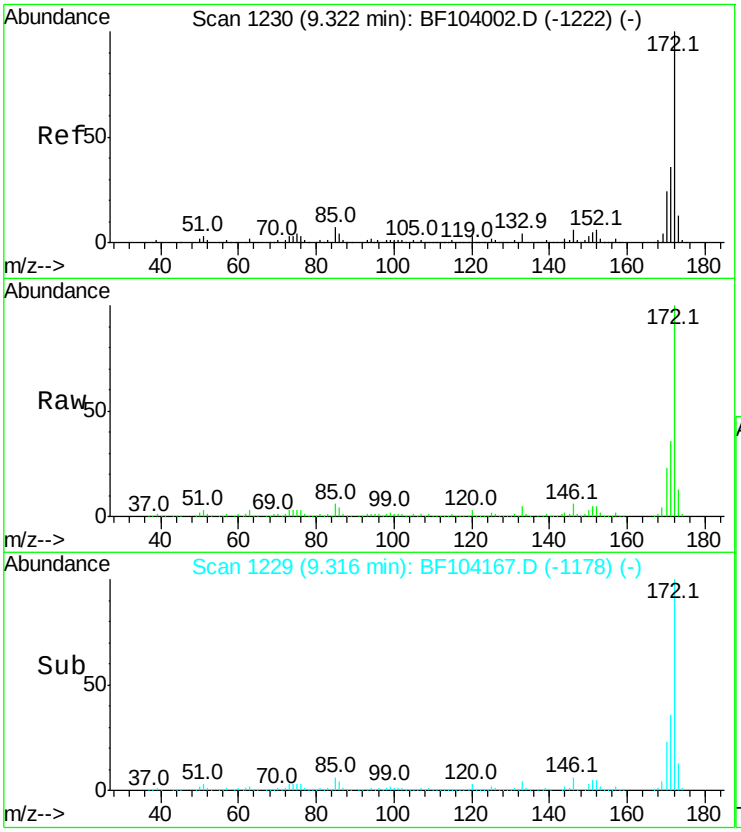


#41
2,4,6-Tribromophenol
Concen: 90.183 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.00 min
Lab File: BF104167.D
Acq: 3 Apr 2018 7:54

Tgt Ion:330 Resp: 146154

Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.0	115.6
141	31.3	29.9	44.9



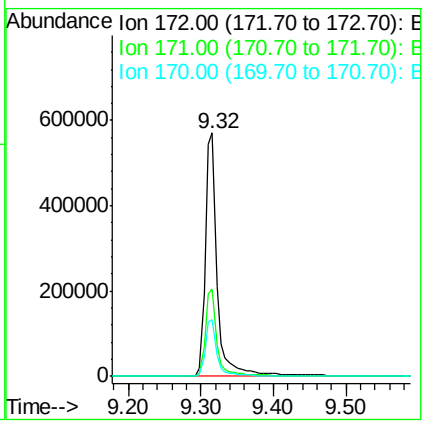


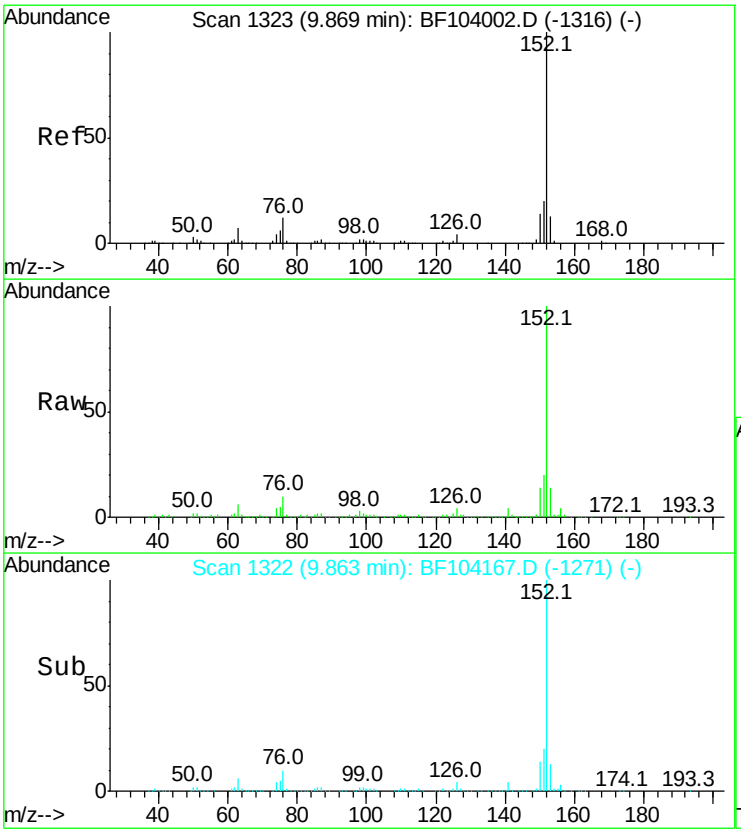
#44
2-Fluorobiphenyl
Concen: 71.495 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.00 min
Lab File: BF104167.D
Acq: 3 Apr 2018 7:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 659876

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.3	19.6	29.4

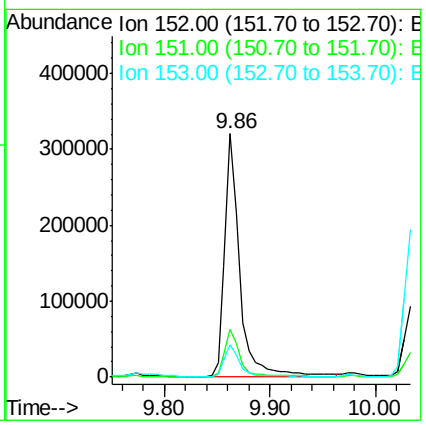


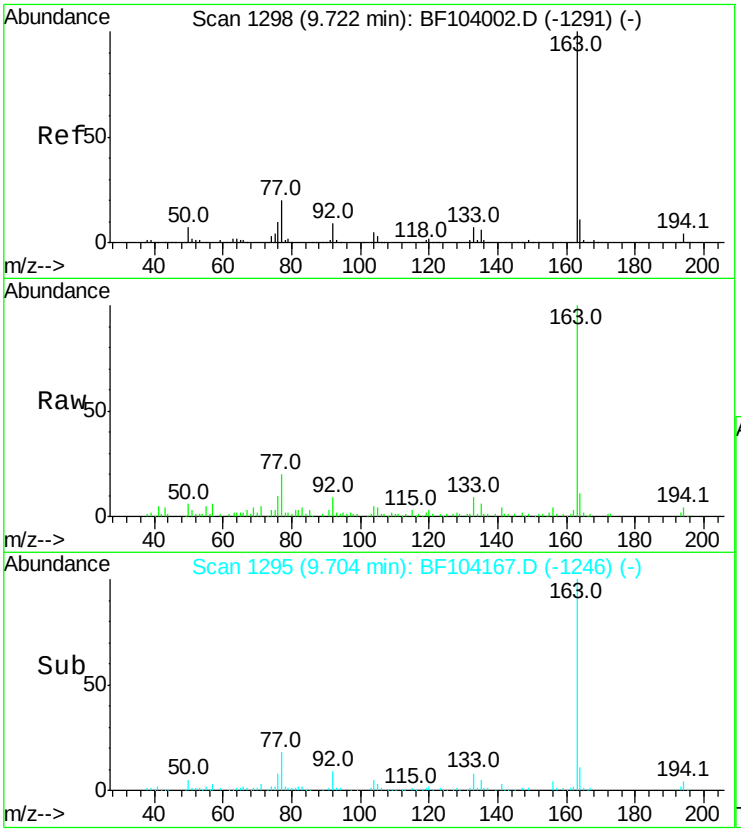


#48
Acenaphthylene
Concen: 21.220 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BF104167.D
Acq: 3 Apr 2018 7:54

Tgt Ion:152 Resp: 316768

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.3	24.5
153	13.6	10.7	16.1



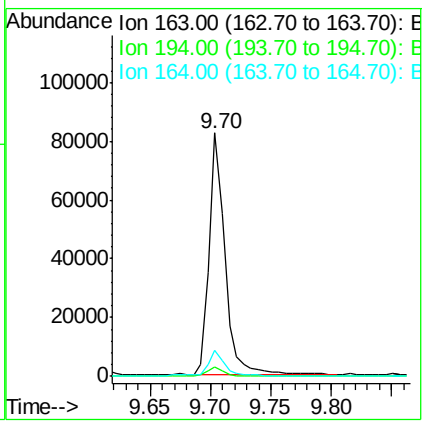


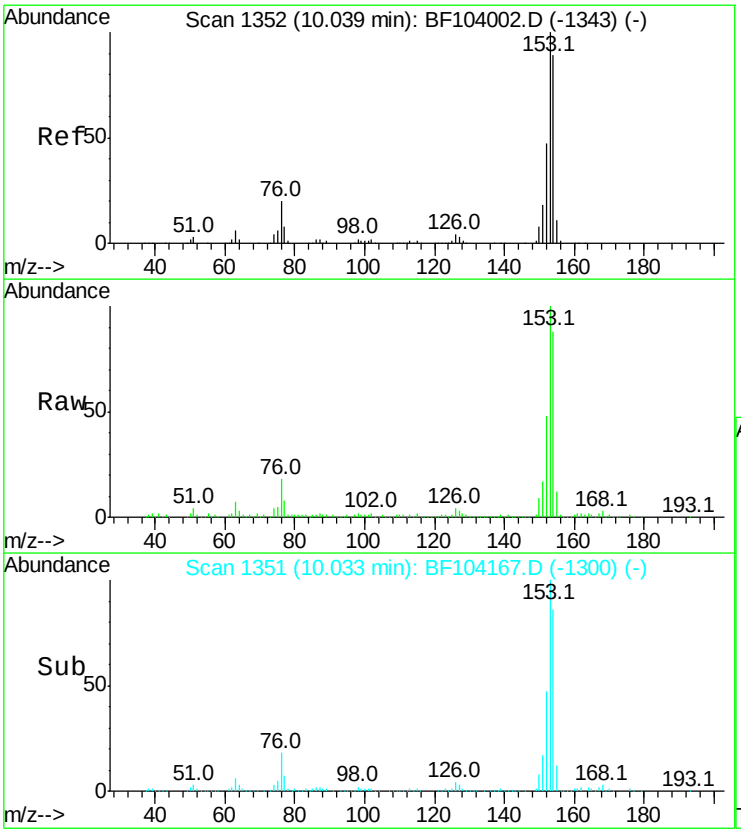
#49
Dimethylphthalate
Concen: 6.462 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF104167.D
Acq: 3 Apr 2018 7:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 74257

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	10.9	8.2	12.2

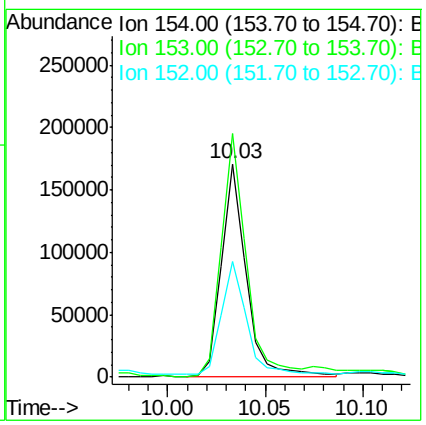


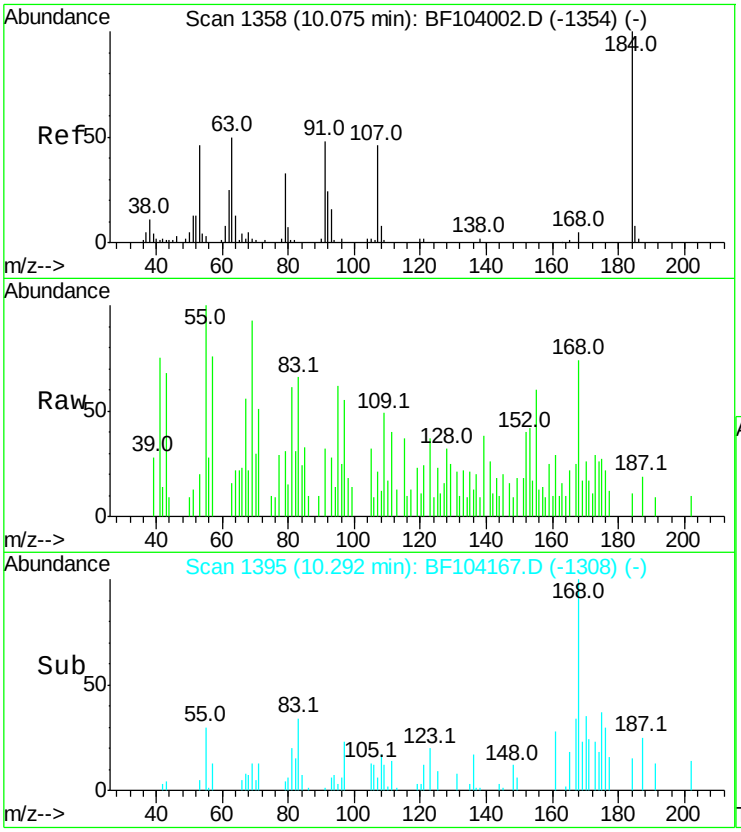


#51
Acenaphthene
Concen: 17.348 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BF104167.D
Acq: 3 Apr 2018 7:54

Tgt Ion:154 Resp: 149811

Ion	Ratio	Lower	Upper
154	100		
153	114.2	91.2	136.8
152	54.4	43.8	65.8



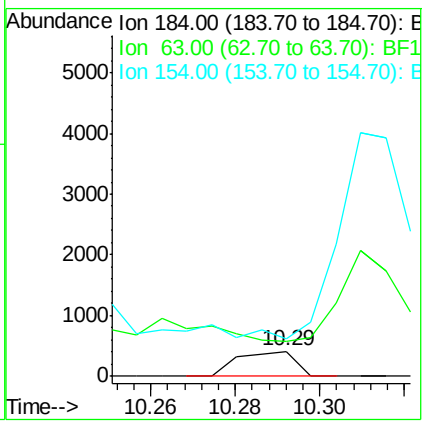


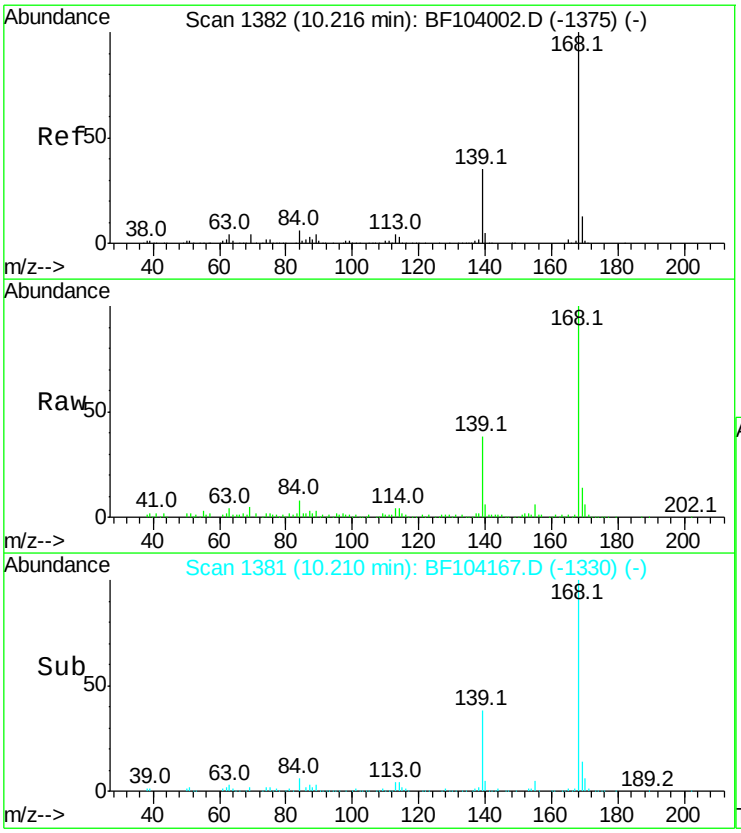
#53
2,4-Dinitrophenol
Concen: 5.910 ng
RT: 10.29 min Scan# 1395
Delta R.T. 0.21 min
Lab File: BF104167.D
Acq: 3 Apr 2018 7:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 392

Ion	Ratio	Lower	Upper
184	100		
63	138.4	54.2	81.2#
154	148.0	184.0	276.0#

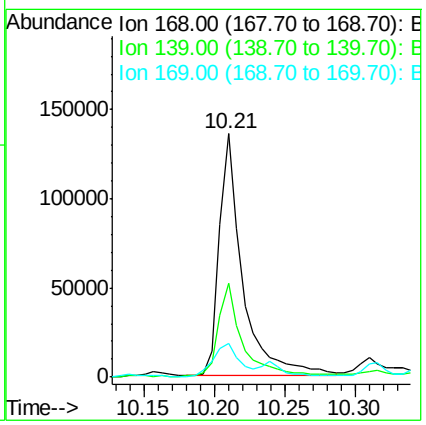


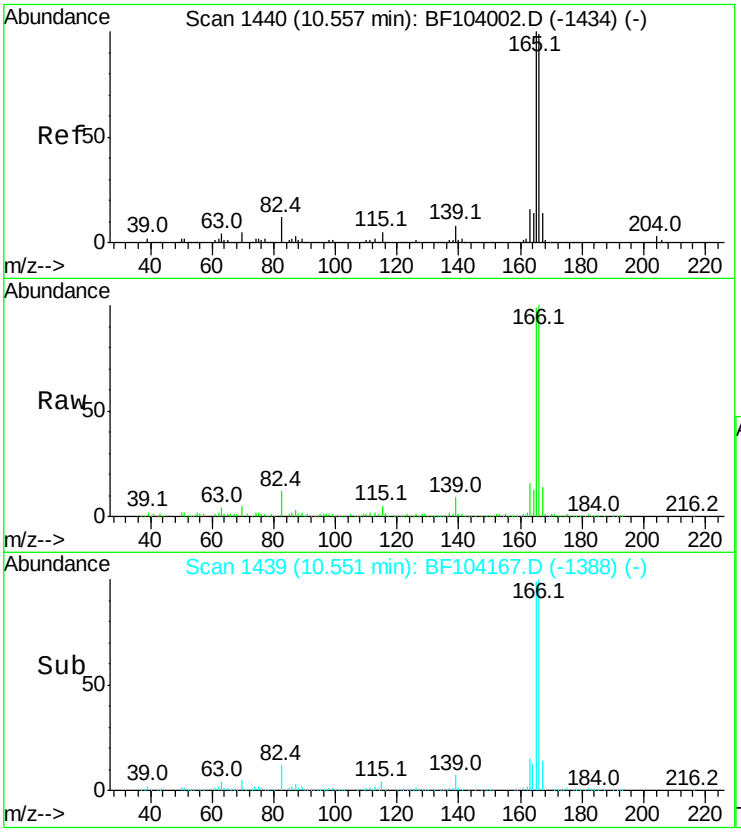


#54
Dibenzofuran
Concen: 12.243 ng
RT: 10.21 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BF104167.D
Acq: 3 Apr 2018 7:54

Tgt Ion:168 Resp: 154391

Ion	Ratio	Lower	Upper
168	100		
139	38.5	30.1	45.1
169	13.6	10.9	16.3



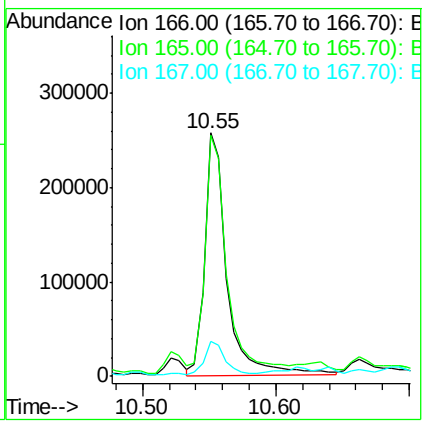


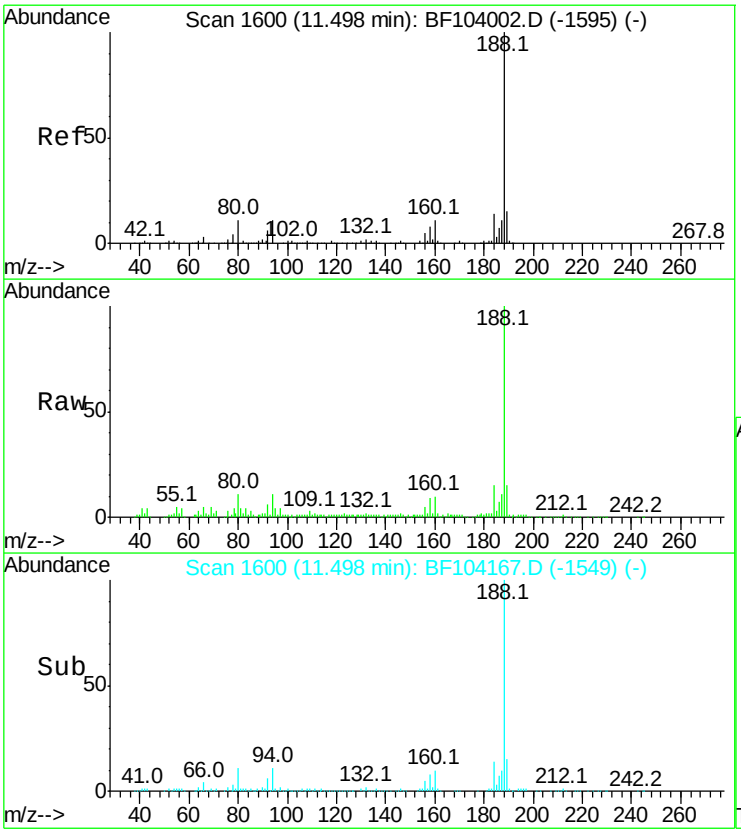
#57
Fluorene
Concen: 28.692 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BF104167.D
Acq: 3 Apr 2018 7:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 298466

Ion	Ratio	Lower	Upper
166	100		
165	99.2	79.8	119.8
167	14.4	10.6	16.0

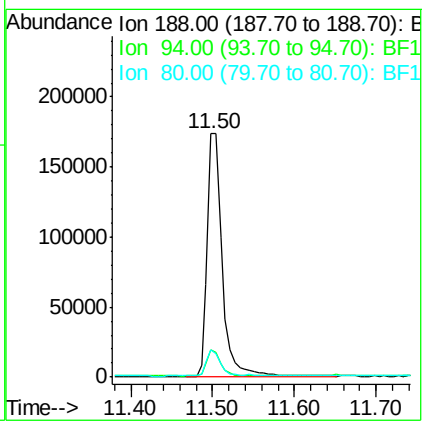


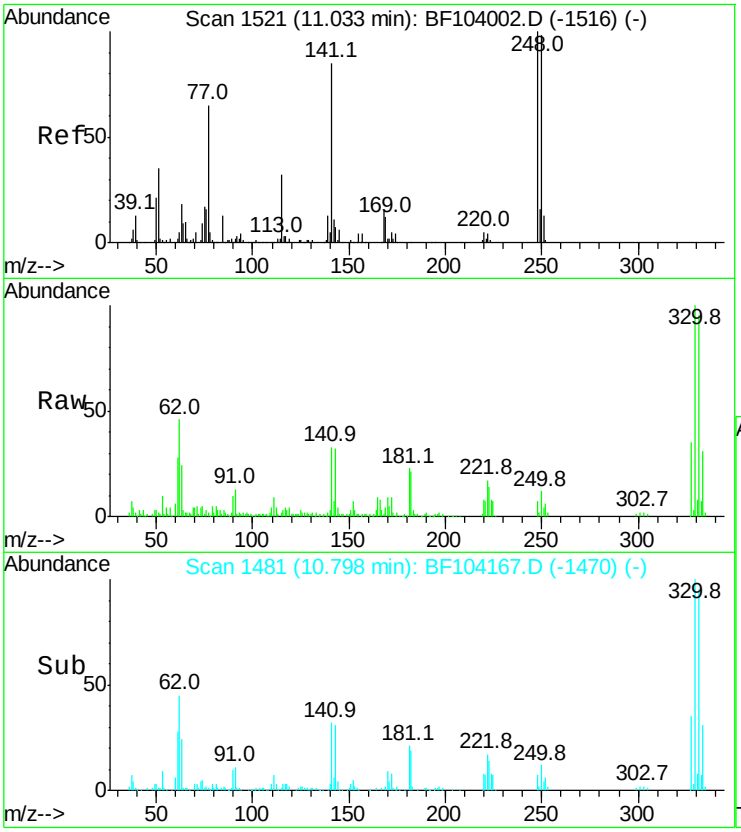


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BF104167.D
Acq: 3 Apr 2018 7:54

Tgt Ion:188 Resp: 226394

Ion	Ratio	Lower	Upper
188	100		
94	11.3	8.5	12.7
80	11.3	9.2	13.8



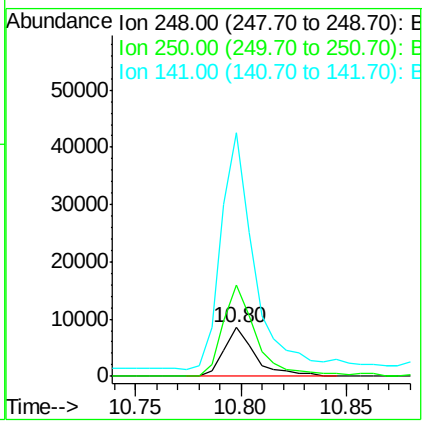


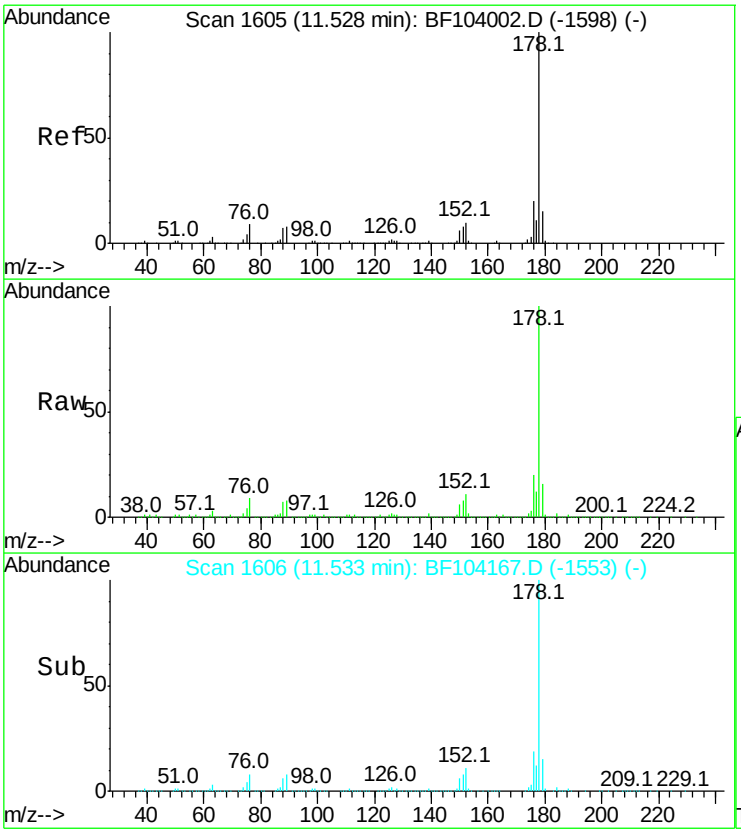
#66
4-Bromophenyl-phenylether
Concen: 3.525 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.24 min
Lab File: BF104167.D
Acq: 3 Apr 2018 7:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 8537

Ion	Ratio	Lower	Upper
248	100		
250	186.1	76.9	115.3#
141	498.2	74.4	111.6#

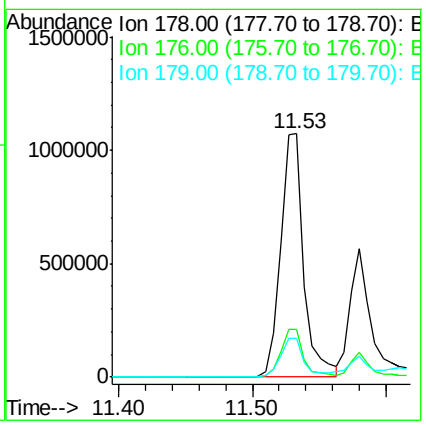


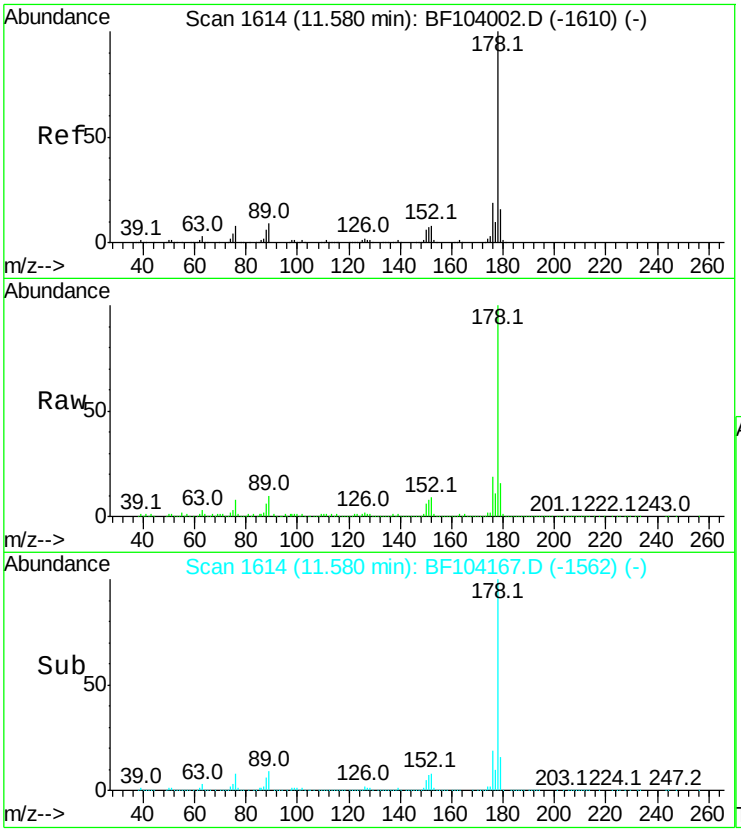


#70
Phenanthrene
Concen: 106.040 ng
RT: 11.53 min Scan# 1606
Delta R.T. 0.01 min
Lab File: BF104167.D
Acq: 3 Apr 2018 7:54

Tgt Ion:178 Resp: 1299752

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



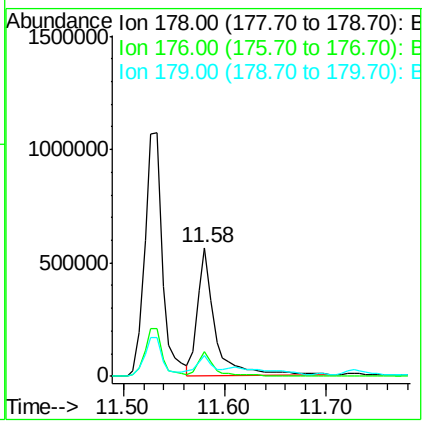


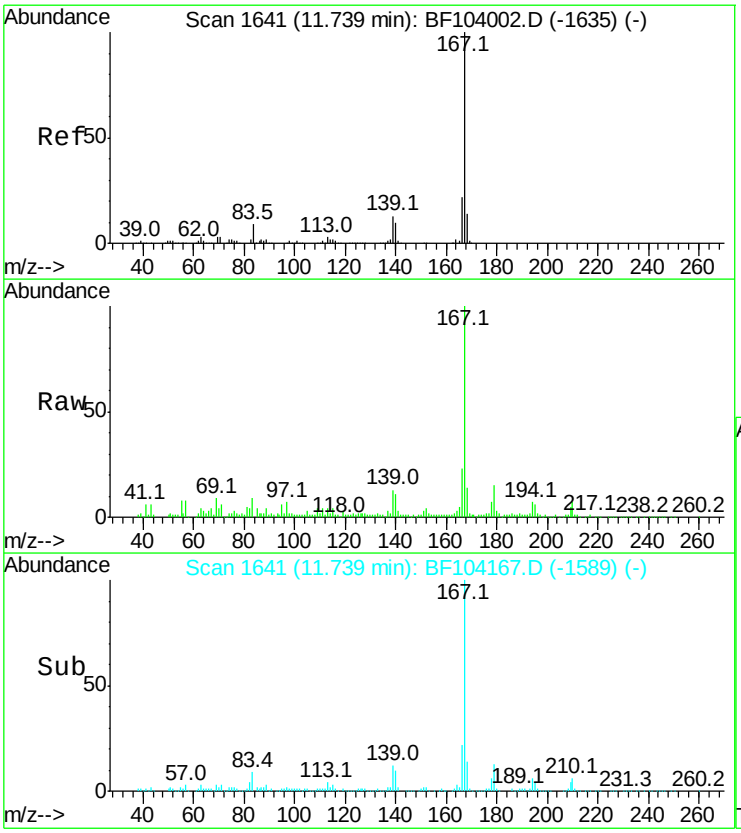
#71
Anthracene
Concen: 52.087 ng
RT: 11.58 min Scan# 1614
Delta R.T. 0.01 min
Lab File: BF104167.D
Acq: 3 Apr 2018 7:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 666868

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	16.3	12.6	19.0

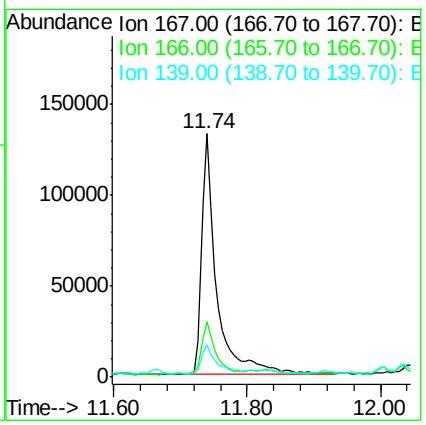


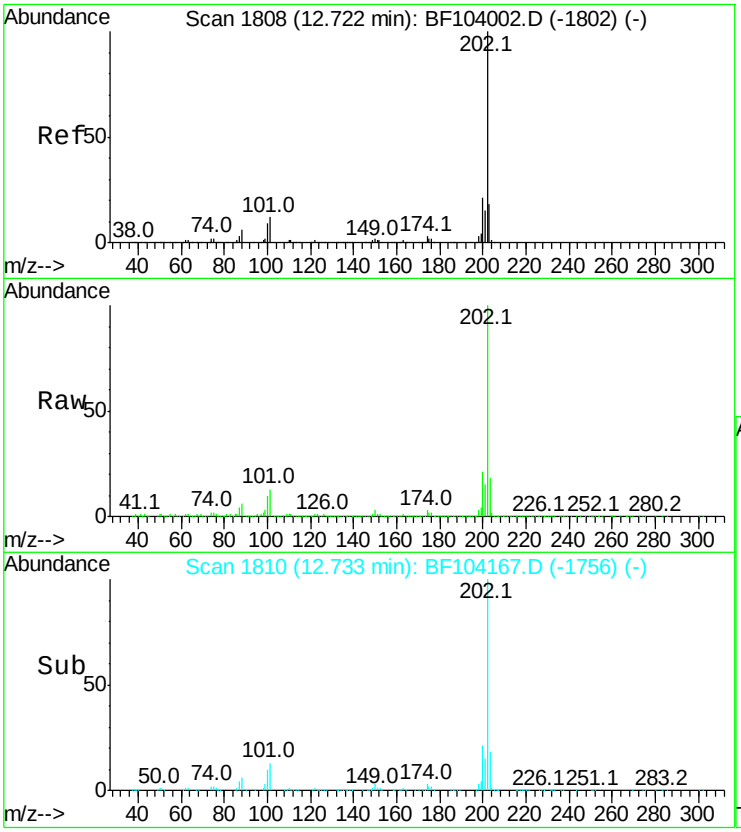


#72
Carbazole
Concen: 16.816 ng
RT: 11.74 min Scan# 1641
Delta R.T. 0.01 min
Lab File: BF104167.D
Acq: 3 Apr 2018 7:54

Tgt Ion:167 Resp: 205486

Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.6	26.4
139	13.4	10.9	16.3



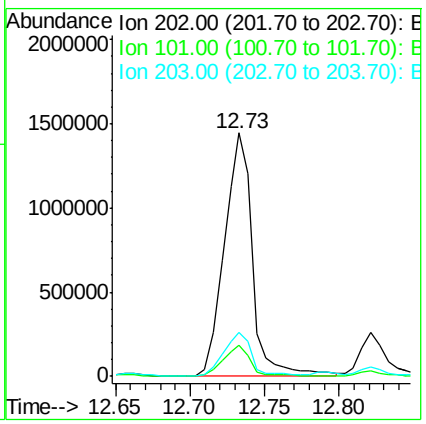


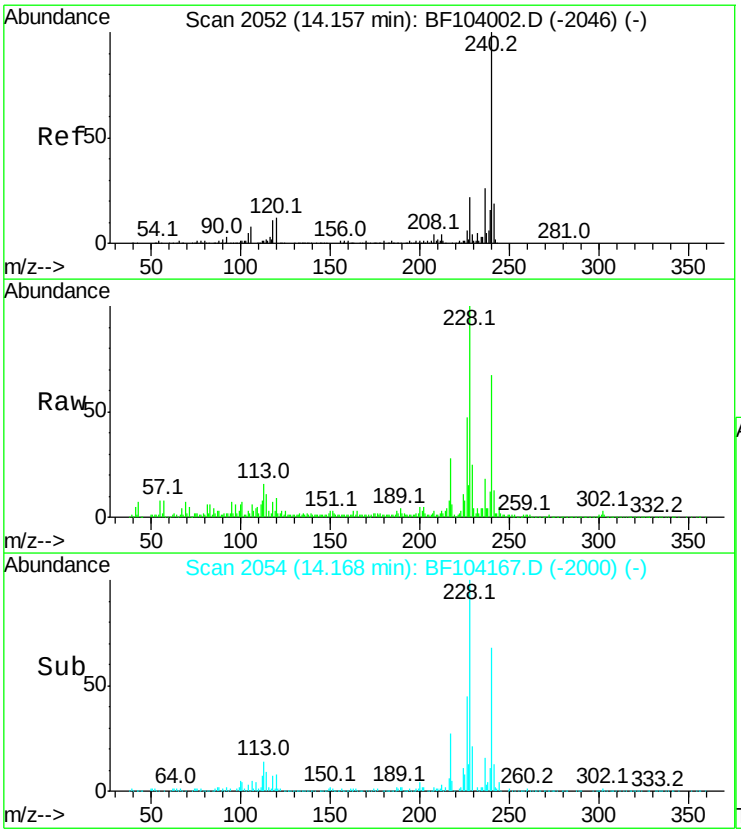
#74
Fluoranthene
Concen: 145.094 ng
RT: 12.73 min Scan# 1810
Delta R.T. 0.02 min
Lab File: BF104167.D
Acq: 3 Apr 2018 7:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 1890408

Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	34.1
203	18.0	0.0	38.1

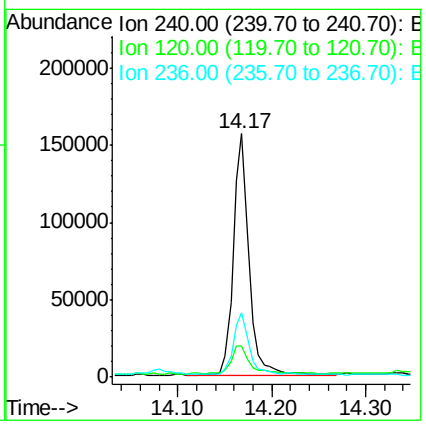


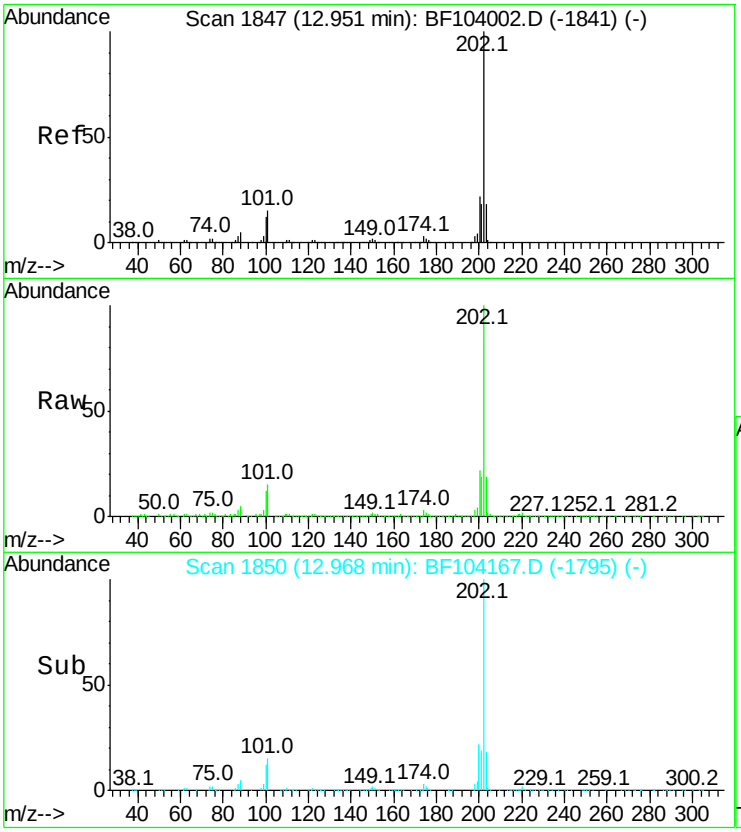


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.17 min Scan# 2054
Delta R.T. 0.02 min
Lab File: BF104167.D
Acq: 3 Apr 2018 7:54

Tgt Ion:240 Resp: 180463

Ion	Ratio	Lower	Upper
240	100		
120	13.0	9.5	14.3
236	26.5	20.7	31.1



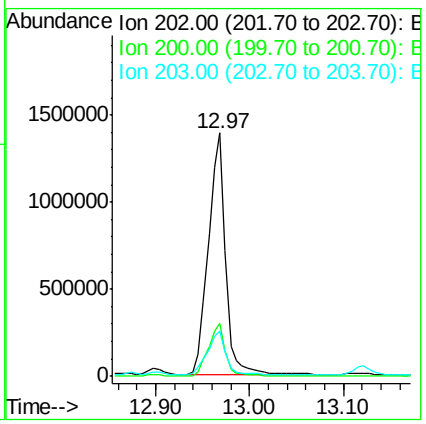


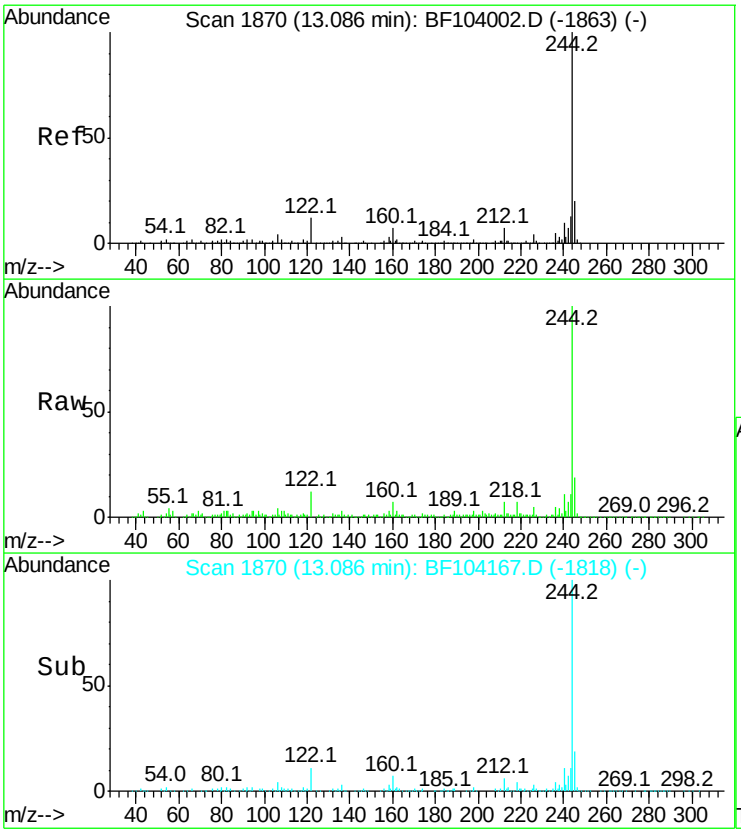
#77
Pyrene
Concen: 139.659 ng
RT: 12.97 min Scan# 1850
Delta R.T. 0.02 min
Lab File: BF104167.D
Acq: 3 Apr 2018 7:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 1811754

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.4	26.2
203	18.8	14.3	21.5

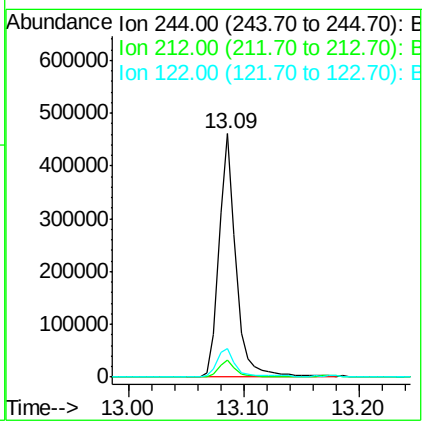


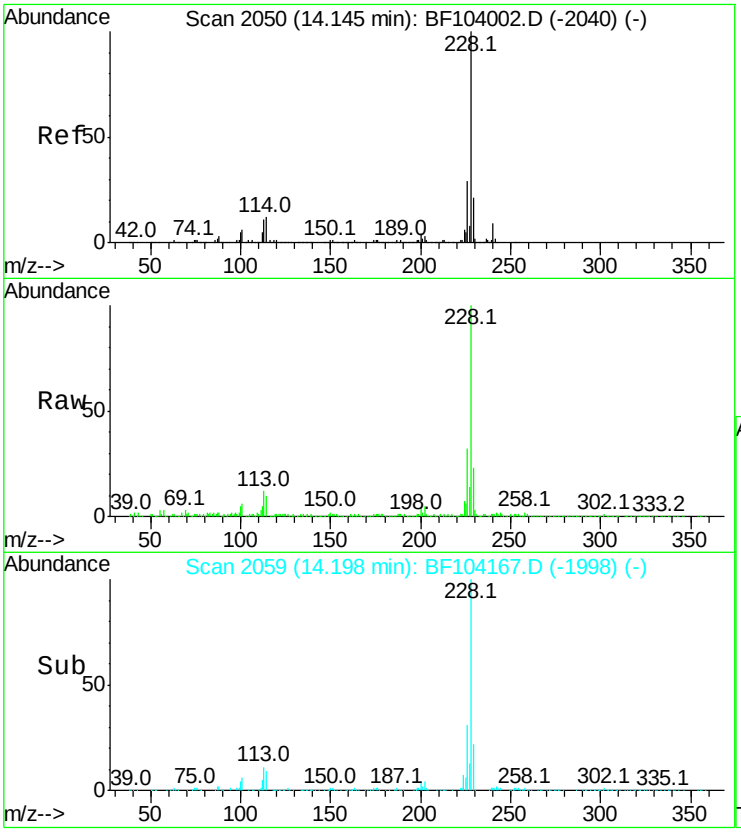


#78
Terphenyl-d14
Concen: 59.894 ng
RT: 13.09 min Scan# 1870
Delta R.T. 0.01 min
Lab File: BF104167.D
Acq: 3 Apr 2018 7:54

Tgt Ion:244 Resp: 468123

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	11.7	11.0	16.4



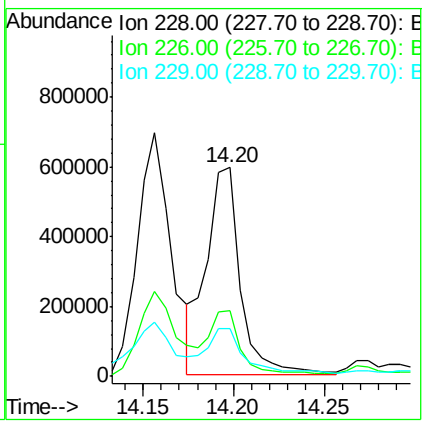


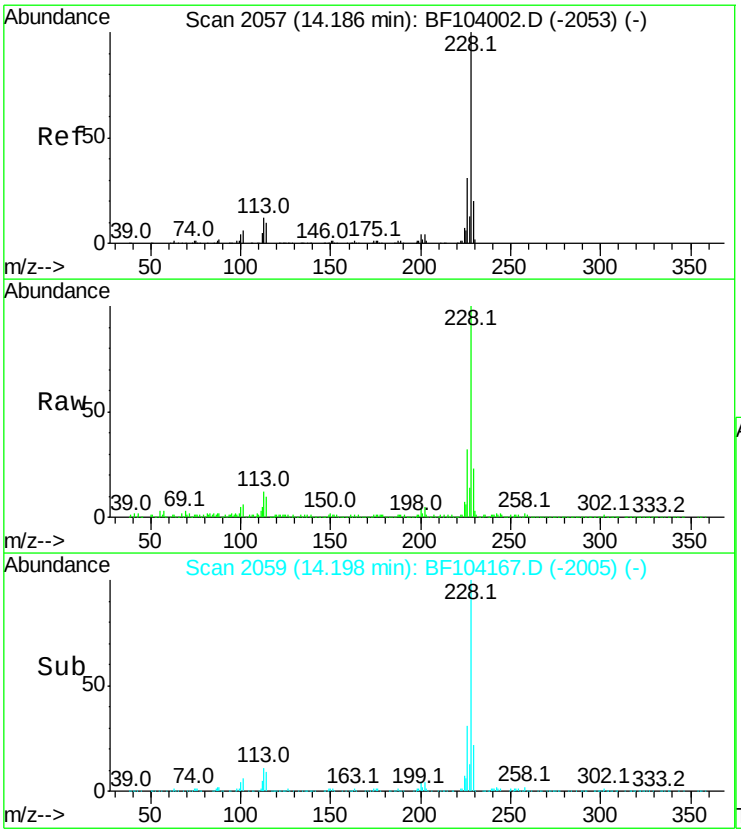
#80
Benzo(a)anthracene
Concen: 69.352 ng
RT: 14.20 min Scan# 2059
Delta R.T. 0.06 min
Lab File: BF104167.D
Acq: 3 Apr 2018 7:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 783114

Ion	Ratio	Lower	Upper
228	100		
226	31.5	22.6	33.8
229	22.8	15.8	23.6

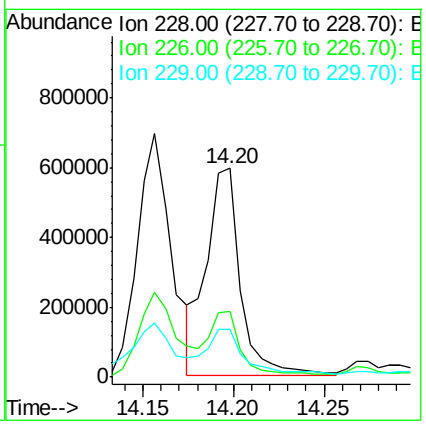


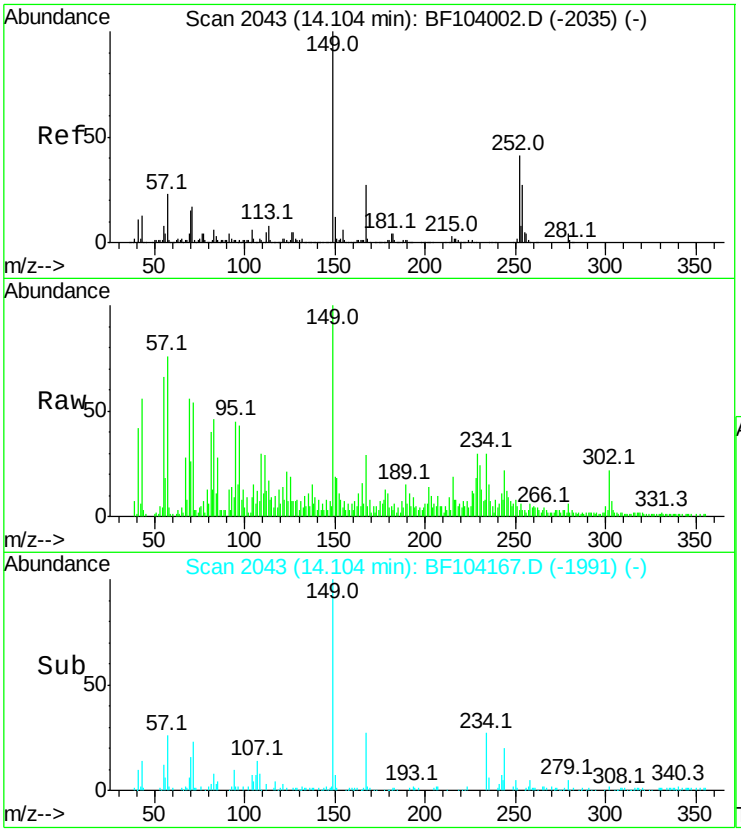


#82
Chrysene
Concen: 70.807 ng
RT: 14.20 min Scan# 2059
Delta R.T. 0.02 min
Lab File: BF104167.D
Acq: 3 Apr 2018 7:54

Tgt Ion:228 Resp: 783114

Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.0	37.6
229	22.8	16.2	24.4



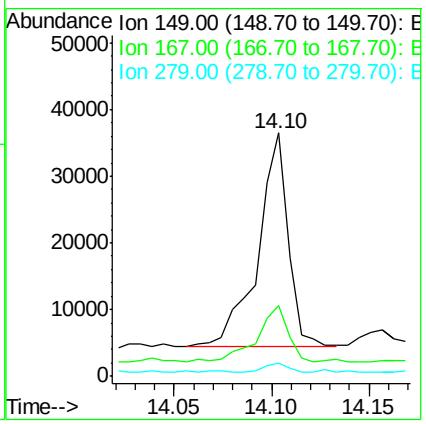


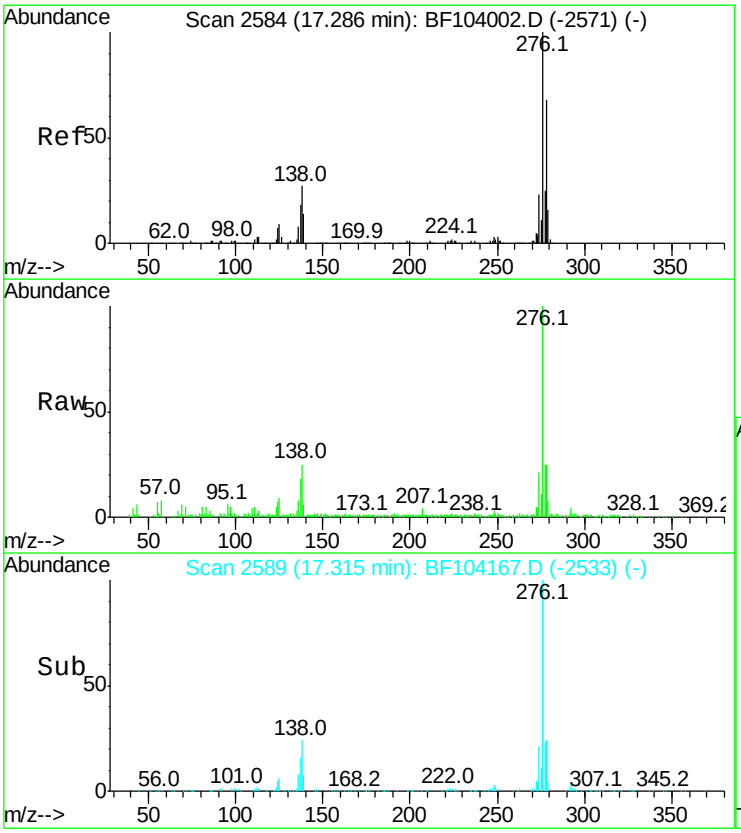
#83
Bis(2-ethylhexyl)phthalate
Concen: 4.356 ng
RT: 14.10 min Scan# 2043
Delta R.T. 0.01 min
Lab File: BF104167.D
Acq: 3 Apr 2018 7:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 34395

Ion	Ratio	Lower	Upper
149	100		
167	29.1	21.3	31.9
279	5.5	3.0	4.4#

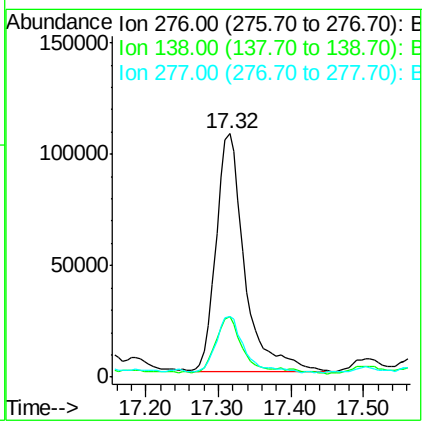


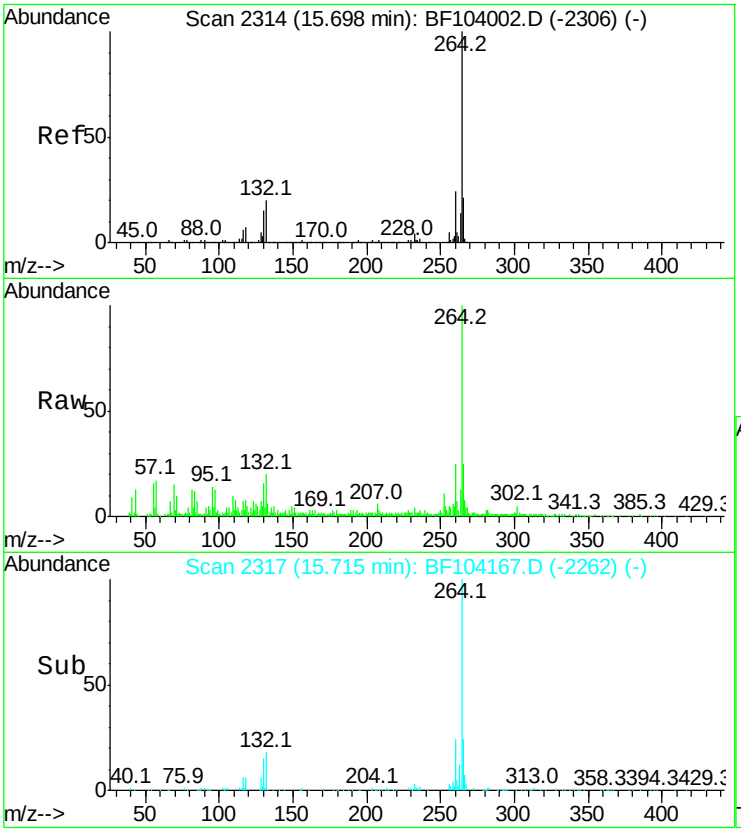


#85
Indeno(1,2,3-cd)pyrene
Concen: 25.404 ng
RT: 17.32 min Scan# 2589
Delta R.T. 0.03 min
Lab File: BF104167.D
Acq: 3 Apr 2018 7:54

Tgt Ion:276 Resp: 291152

Ion	Ratio	Lower	Upper
276	100		
138	21.1	25.0	37.6#
277	22.8	20.1	30.1



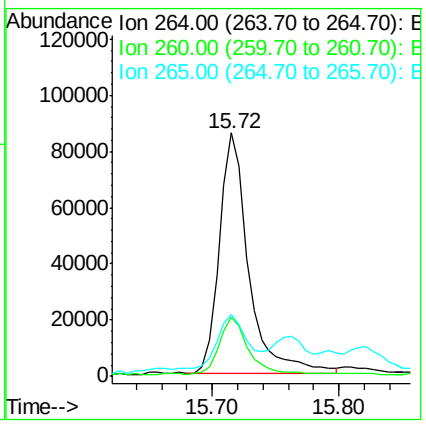


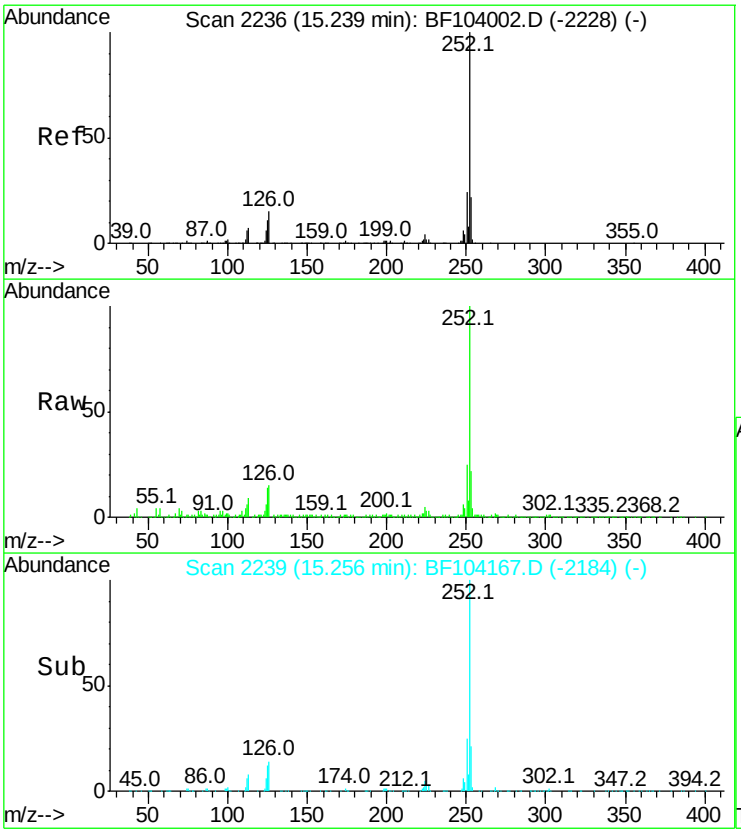
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.72 min Scan# 2317
Delta R.T. 0.02 min
Lab File: BF104167.D
Acq: 3 Apr 2018 7:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 138413

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	25.1	17.5	26.3

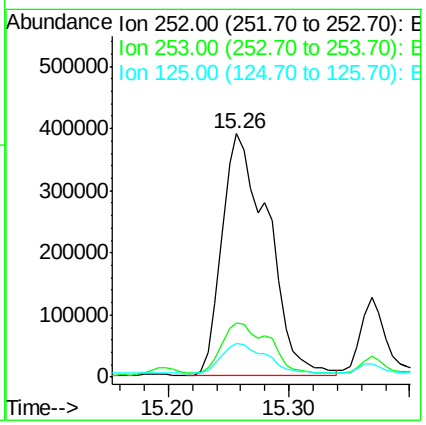


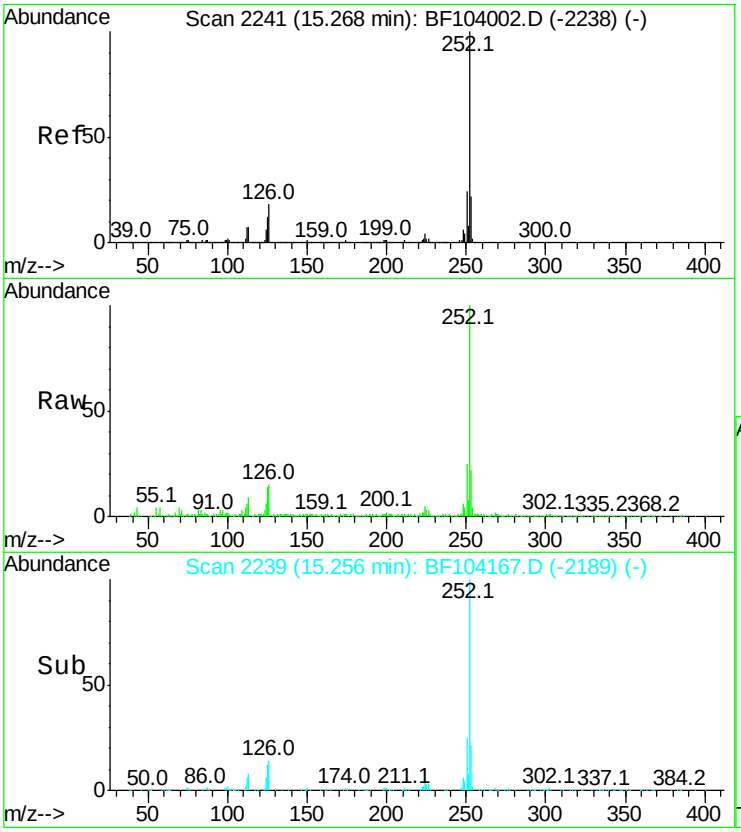


#87
Benzo(b)fluoranthene
Concen: 122.750 ng
RT: 15.26 min Scan# 2239
Delta R.T. 0.02 min
Lab File: BF104167.D
Acq: 3 Apr 2018 7:54

Tgt Ion:252 Resp: 1034006

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.0	25.6
125	14.0	9.0	13.6#



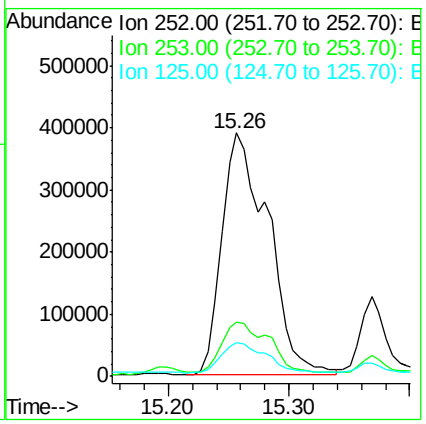


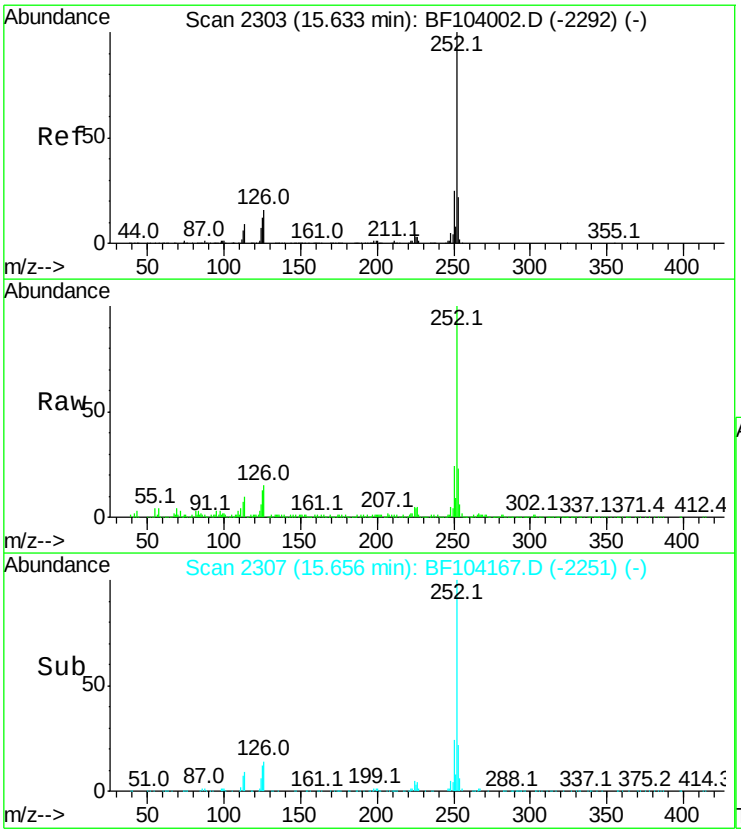
#88
Benzo(k)fluoranthene
Concen: 130.307 ng
RT: 15.26 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BF104167.D
Acq: 3 Apr 2018 7:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 1034006

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	14.0	10.2	15.2

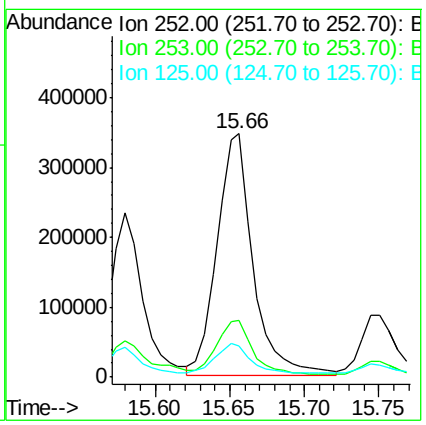


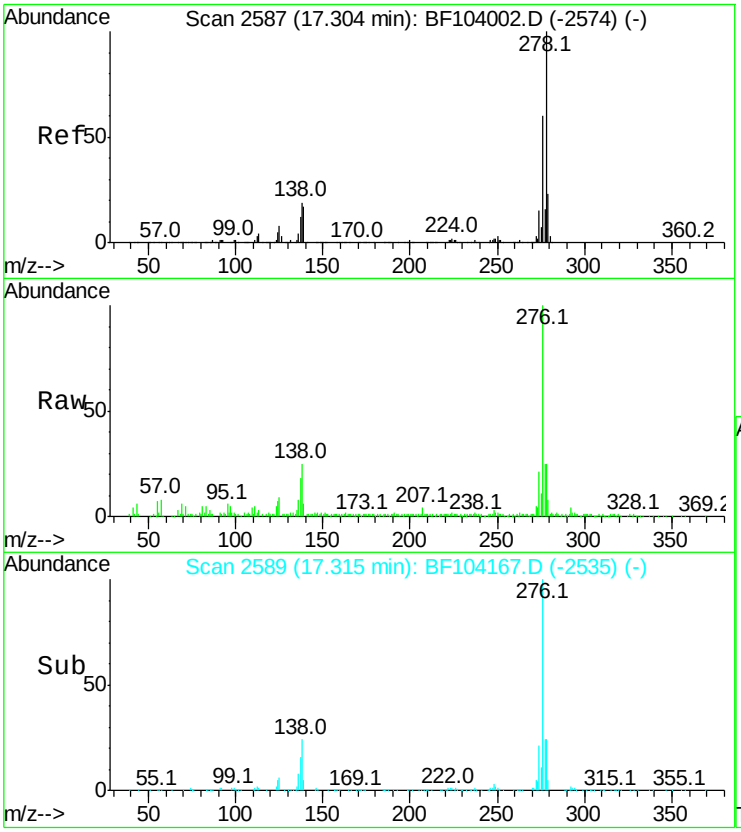


#89
Benzo(a)pyrene
Concen: 74.780 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.03 min
Lab File: BF104167.D
Acq: 3 Apr 2018 7:54

Tgt Ion:252 Resp: 583749

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.1	25.7
125	13.0	9.8	14.6



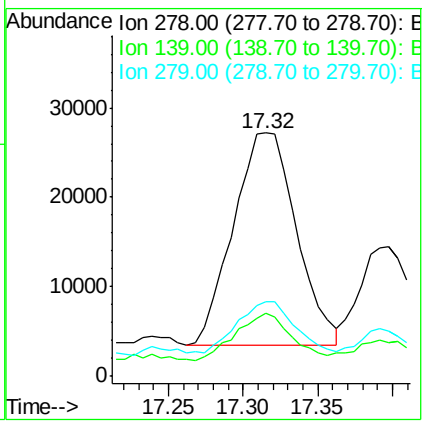


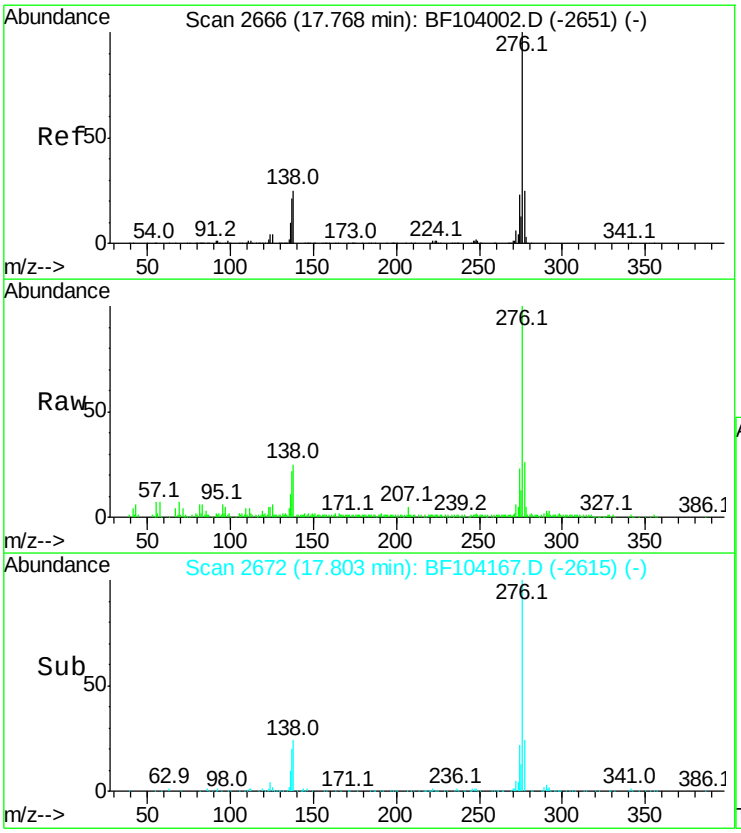
#90
Dibenzo(a,h)anthracene
Concen: 9.592 ng
RT: 17.32 min Scan# 2589
Delta R.T. 0.02 min
Lab File: BF104167.D
Acq: 3 Apr 2018 7:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 69228

Ion	Ratio	Lower	Upper
278	100		
139	26.0	15.9	23.9#
279	30.7	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 36.628 ng
RT: 17.80 min Scan# 2672
Delta R.T. 0.04 min
Lab File: BF104167.D
Acq: 3 Apr 2018 7:54

Tgt Ion:276 Resp: 264783

Ion	Ratio	Lower	Upper
276	100		
277	25.6	17.9	26.9
138	25.1	21.8	32.8