Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF040218\
Data File : BF104168.D
Acq On : 3 Apr 2018 8:20
Operator : JU/SJ
Sample : J2176-06
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 03 12:14:04 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	94464	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	344003	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	155369	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	221000	20.00	ng		0.00
75) Chrysene-d12	14.16	240	191945	20.00	ng		0.01
86) Perylene-d12	15.71	264	149725	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	532271	89.86	ng		0.00
7) Phenol-d6	6.60	99	688661	94.50	ng		0.00
23) Nitrobenzene-d5	7.53	82	389256	69.20	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	126290	73.00	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	752577	76.38	ng		0.00
78) Terphenyl-d14	13.09	244	599644	72.13	ng		0.00
Target Compounds							Qvalue
13) 1,4-Dichlorobenzene	6.98	146	42258	5.400	ng		99
25) Isophorone	7.53	82	381984	36.848	ng	#	65
31) Naphthalene	8.28	128	4442266	264.330	ng		98
33) 4-Chloroaniline	8.28	127	610294	86.137	ng	#	35
37) 2-Methylnaphthalene	8.96	142	1295515	117.029	ng		96
45) 1,1'-Biphenyl	9.42	154	356950	26.768	ng		99
47) 2-Nitroaniline	9.59	65	8879	2.960	ng	#	24
48) Acenaphthylene	9.87	152	372744	23.391	ng		98
49) Dimethylphthalate	9.71	163	58437	4.764	ng	#	96
50) 2,6-Dinitrotoluene	9.69	165	8558	3.243	ng	#	1
51) Acenaphthene	10.05	154	844913	91.653	ng		100
53) 2,4-Dinitrophenol	10.08	184	347	5.853	ng	#	1
54) Dibenzofuran	10.21	168	152810	11.351	ng	#	94
56) 2,4-Dinitrotoluene	10.20	165	8741	2.596	ng	#	58
57) Fluorene	10.56	166	642759	57.883	ng		99
65) n-Nitrosodiphenylamine	10.66	169	27434	3.665	ng	#	77
70) Phenanthrene	11.54	178	1899319	158.737	ng		100
71) Anthracene	11.59	178	913067	73.057	ng		99
72) Carbazole	11.74	167	53591	4.493	ng	#	84
74) Fluoranthene	12.73	202	968135	76.121	ng		98
77) Pyrene	12.96	202	1411648	102.307	ng		99
80) Benzo(a)anthracene	14.15	228	522013	43.464	ng	#	78
82) Chrysene	14.19	228	490488	41.696	ng		95
85) Indeno(1,2,3-cd)pyrene	17.31	276	220855	18.118	ng	#	87
87) Benzo(b)fluoranthene	15.26	252	608753	66.807	ng	#	95
88) Benzo(k)fluoranthene	15.26	252	608753	70.920	ng		98
89) Benzo(a)pyrene	15.65	252	549716	65.100	ng		98
90) Dibenzo(a,h)anthracene	17.56	278	19276	2.469	ng		94
91) Benzo(g,h,i)perylene	17.80	276	233143	29.814	ng		94

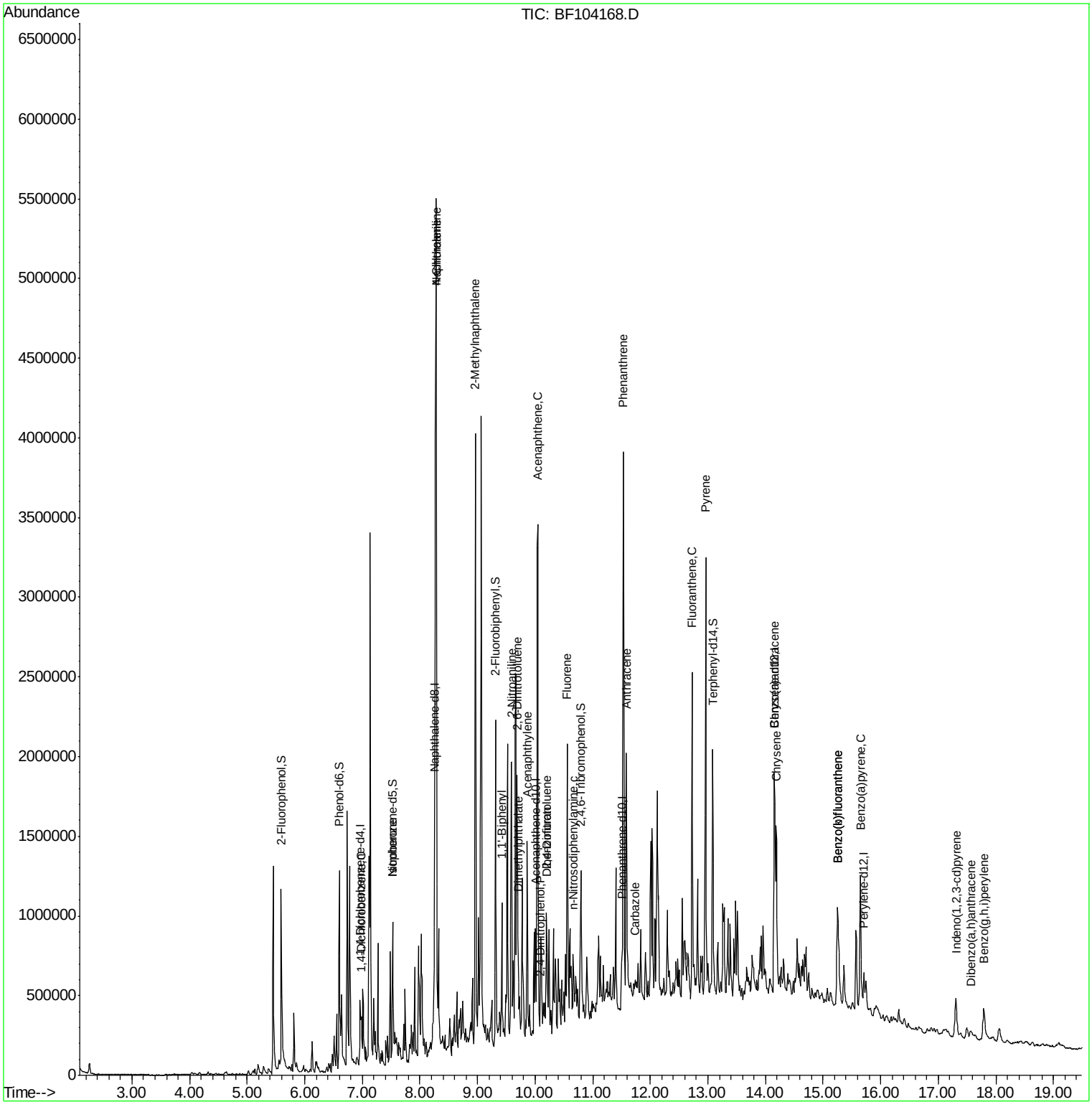
(#) = qualifier out of range (m) = manual integration (+) = signals summed

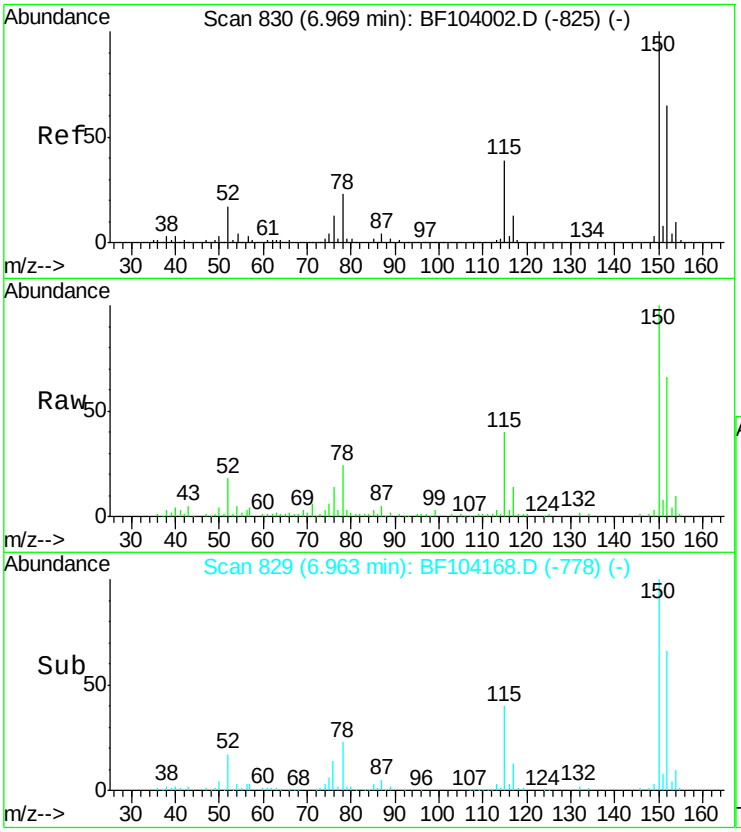
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF040218\
Data File : BF104168.D
Acq On : 3 Apr 2018 8:20
Operator : JU/SJ
Sample : J2176-06
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 03 12:14:04 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



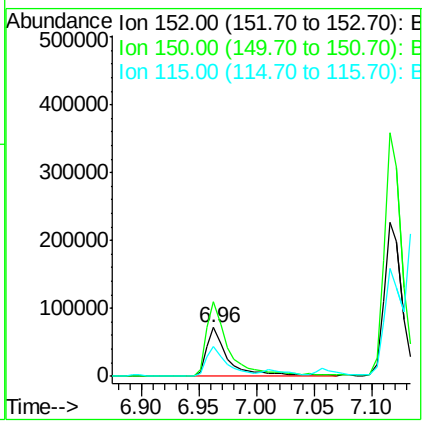


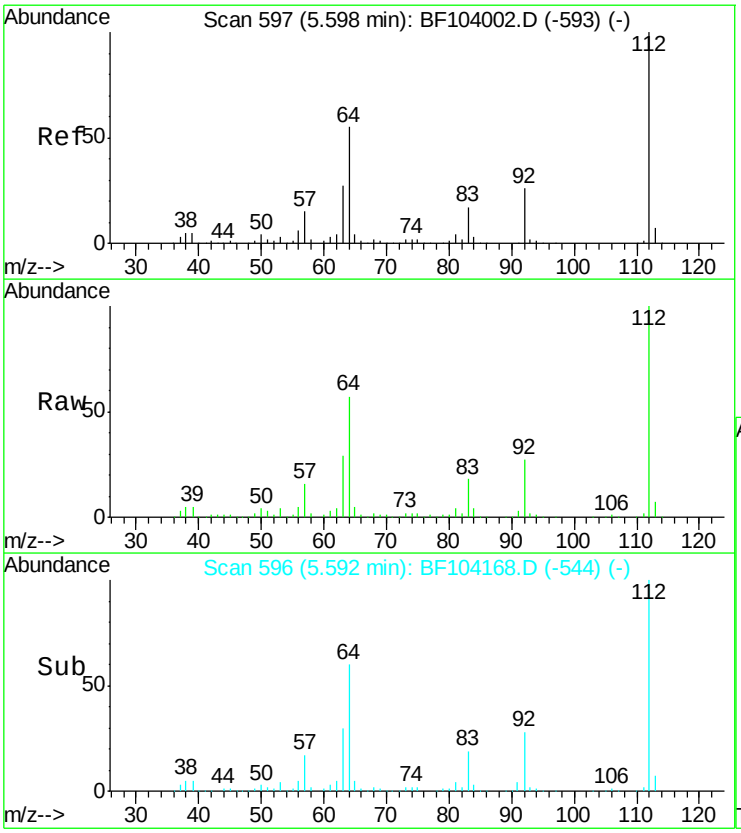
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BF104168.D
Acq: 3 Apr 2018 8:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 94464

Ion	Ratio	Lower	Upper
152	100		
150	152.6	124.6	186.8
115	61.4	50.1	75.1

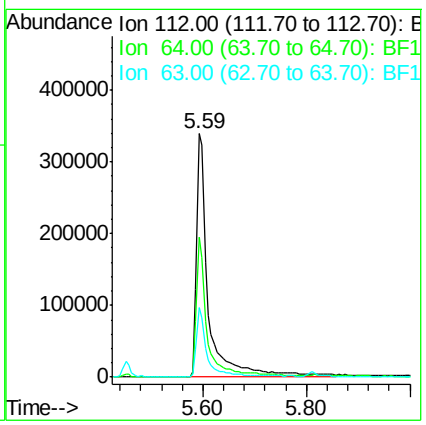


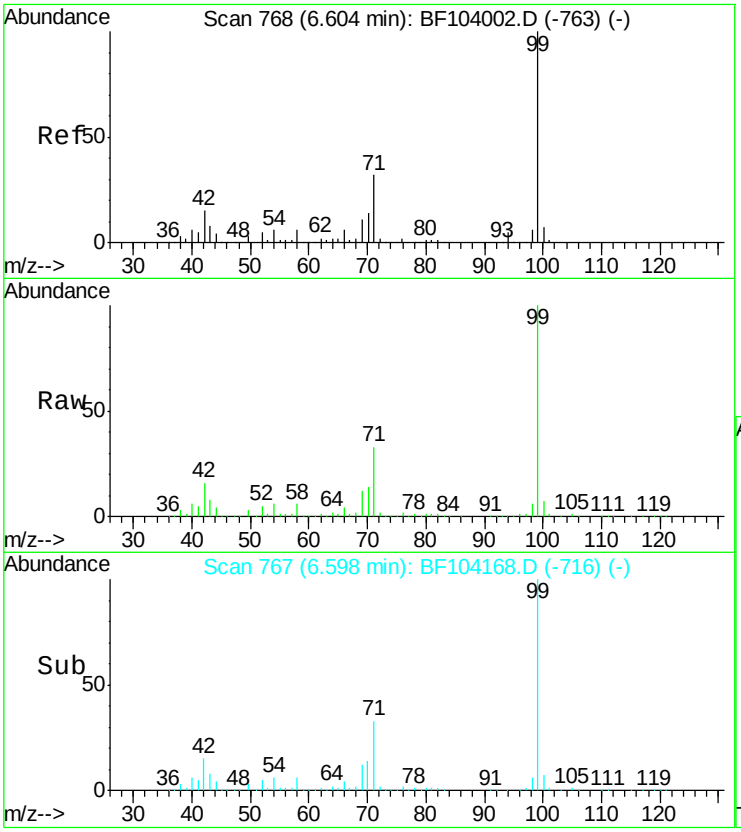


#5
2-Fluorophenol
Concen: 89.858 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.01 min
Lab File: BF104168.D
Acq: 3 Apr 2018 8:20

Tgt Ion:112 Resp: 532271

Ion	Ratio	Lower	Upper
112	100		
64	57.5	47.9	71.9
63	28.6	23.7	35.5

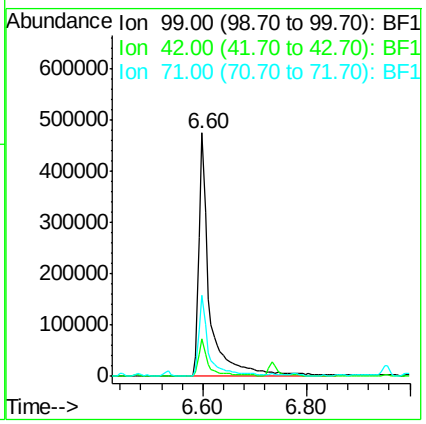




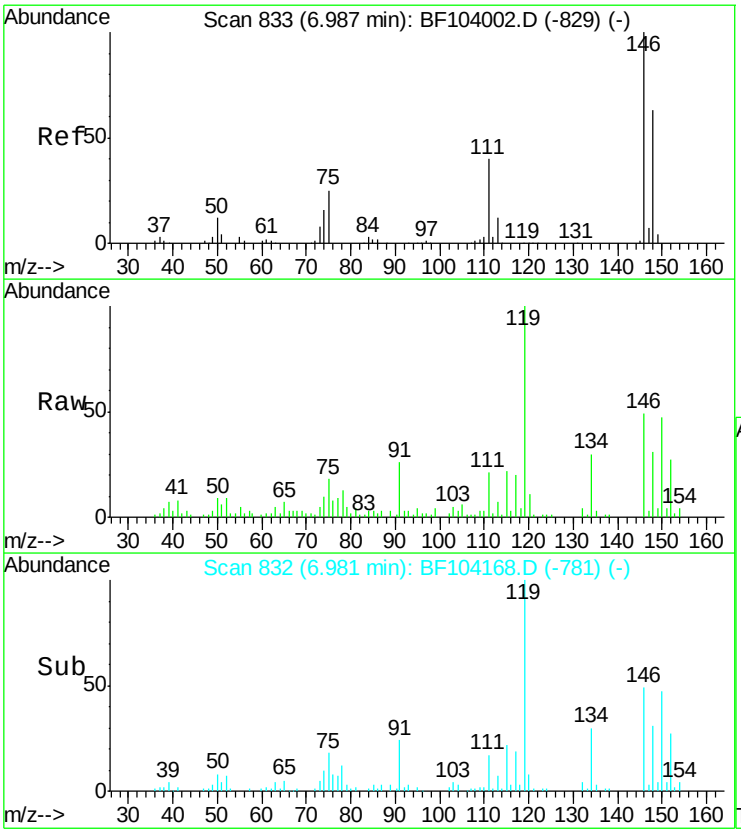
#7
Phenol-d6
Concen: 94.497 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.00 min
Lab File: BF104168.D
Acq: 3 Apr 2018 8:20

Tgt Ion: 99 Resp: 688661

Ion	Ratio	Lower	Upper
99	100		
42	15.6	14.5	21.7
71	33.4	25.4	38.0



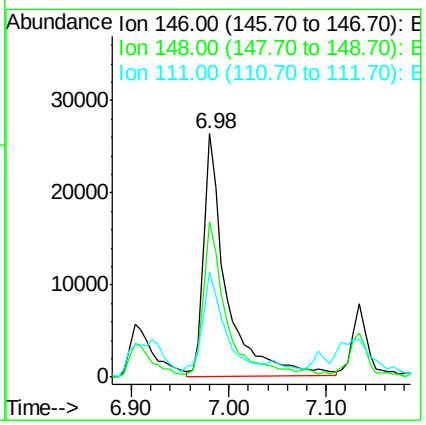
Instrument :
BNA_F
ClientSampleId :

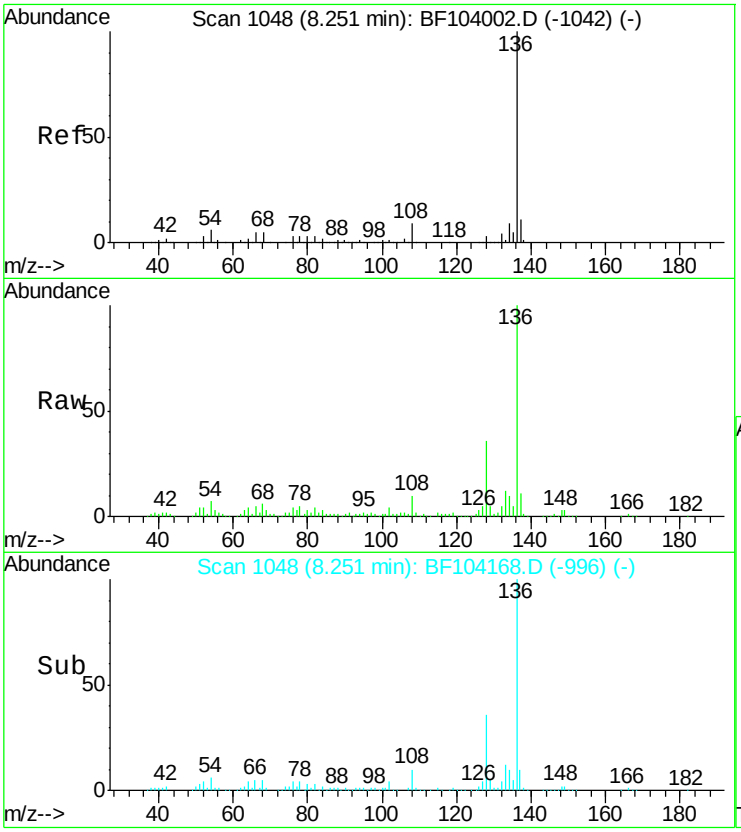


#13
1,4-Dichlorobenzene
Concen: 5.400 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF104168.D
Acq: 3 Apr 2018 8:20

Tgt Ion:146 Resp: 42258

Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.8	76.2
111	43.3	34.2	51.2



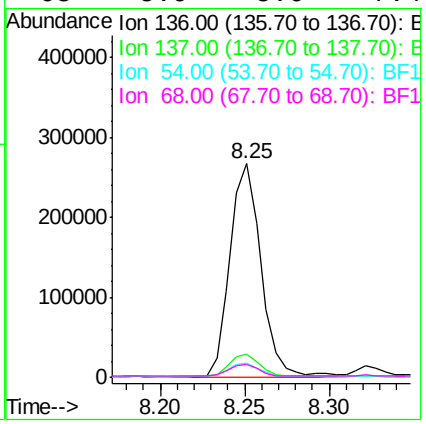


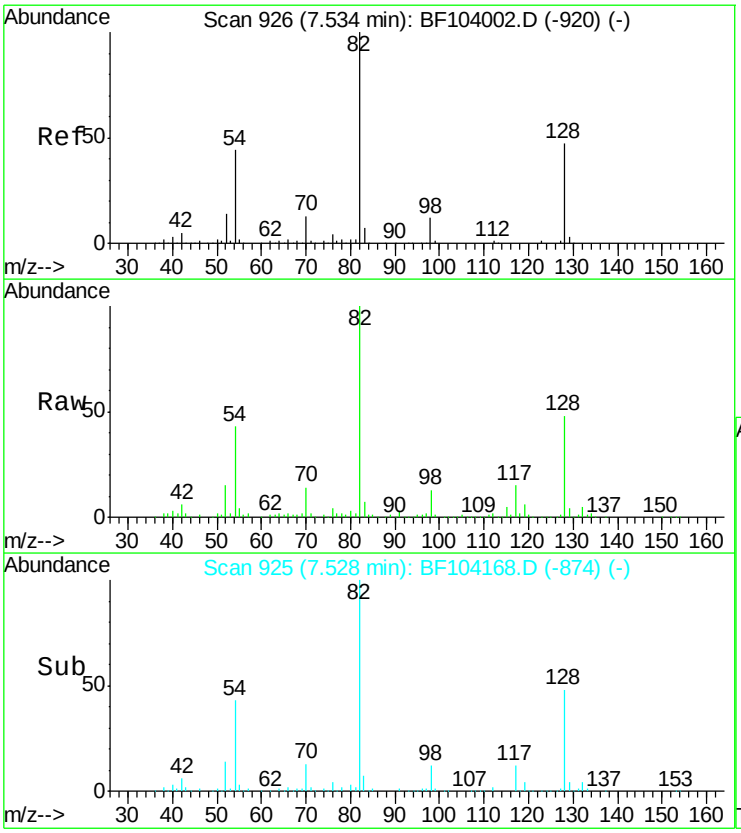
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.01 min
Lab File: BF104168.D
Acq: 3 Apr 2018 8:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 344003

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	6.7	6.6	9.8
68	5.9	5.0	7.4

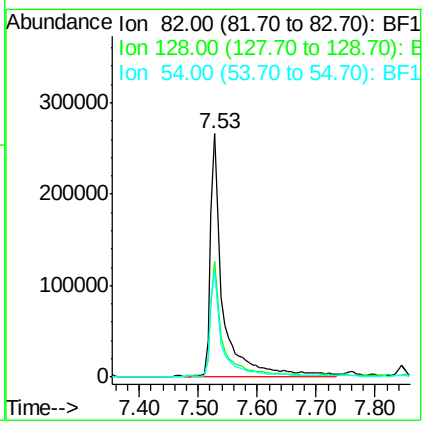


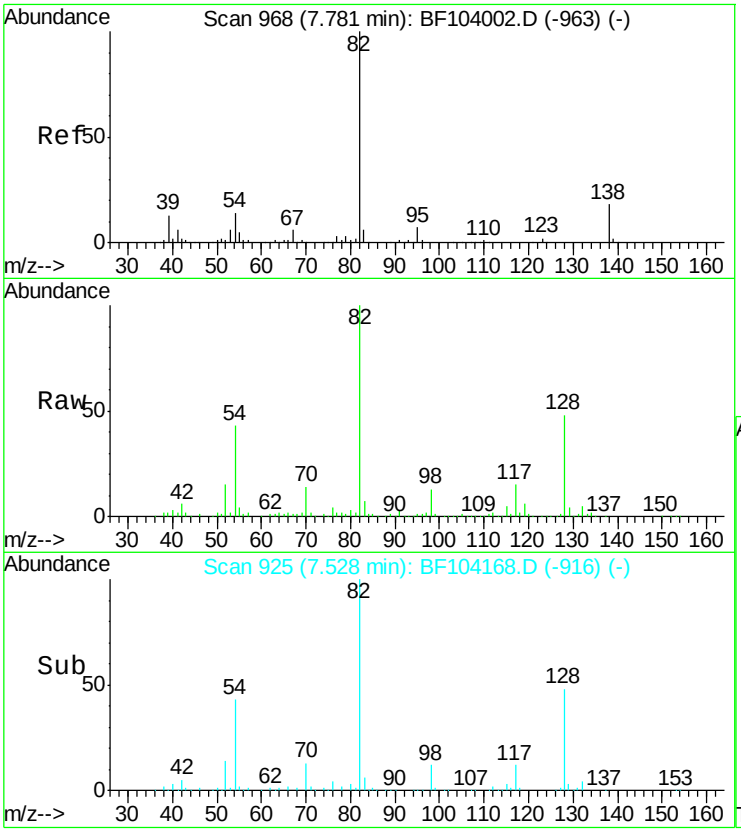


#23
Nitrobenzene-d5
Concen: 69.200 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.00 min
Lab File: BF104168.D
Acq: 3 Apr 2018 8:20

Tgt Ion: 82 Resp: 389256

Ion	Ratio	Lower	Upper
82	100		
128	47.7	36.1	54.1
54	43.3	41.4	62.2

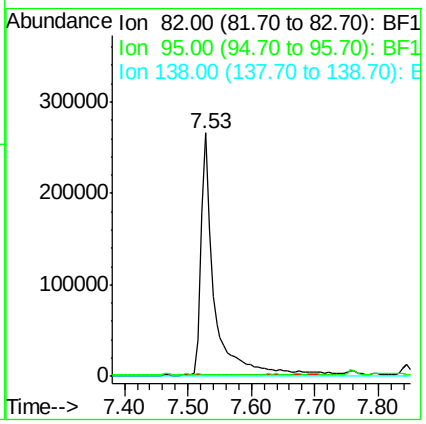




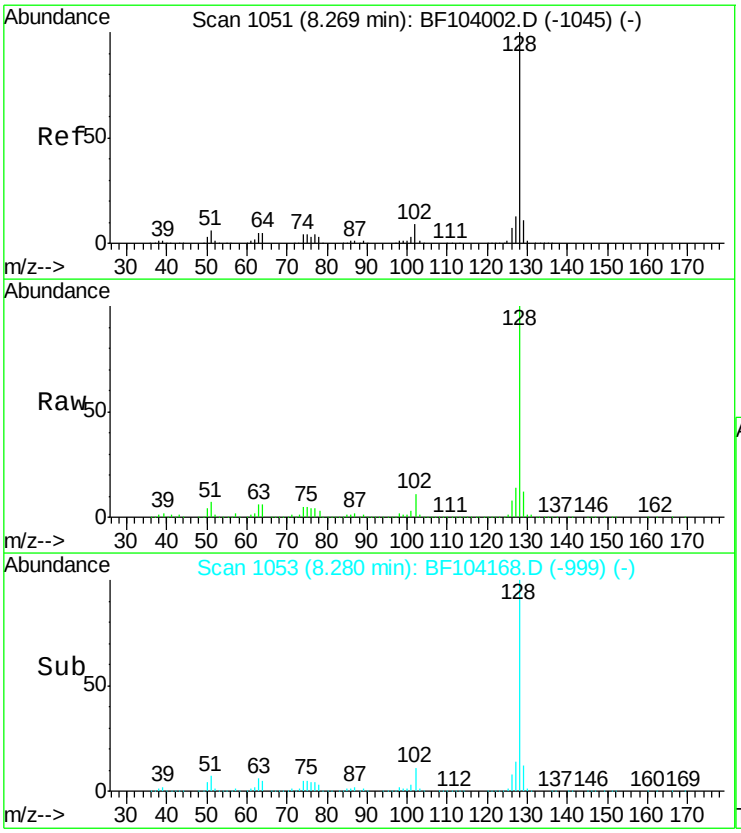
#25
Isophorone
Concen: 36.848 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.25 min
Lab File: BF104168.D
Acq: 3 Apr 2018 8:20

Tgt Ion: 82 Resp: 381984

Ion	Ratio	Lower	Upper
82	100		
95	0.7	5.2	7.8#
138	0.0	14.9	22.3#



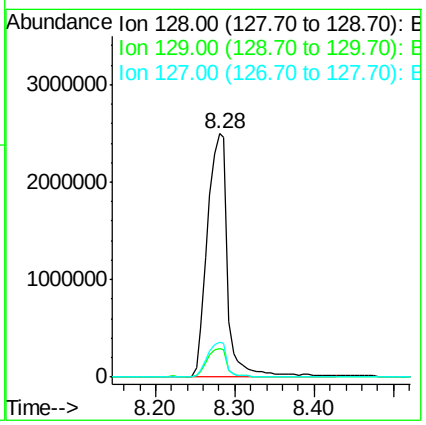
Instrument :
BNA_F
ClientSampleId :

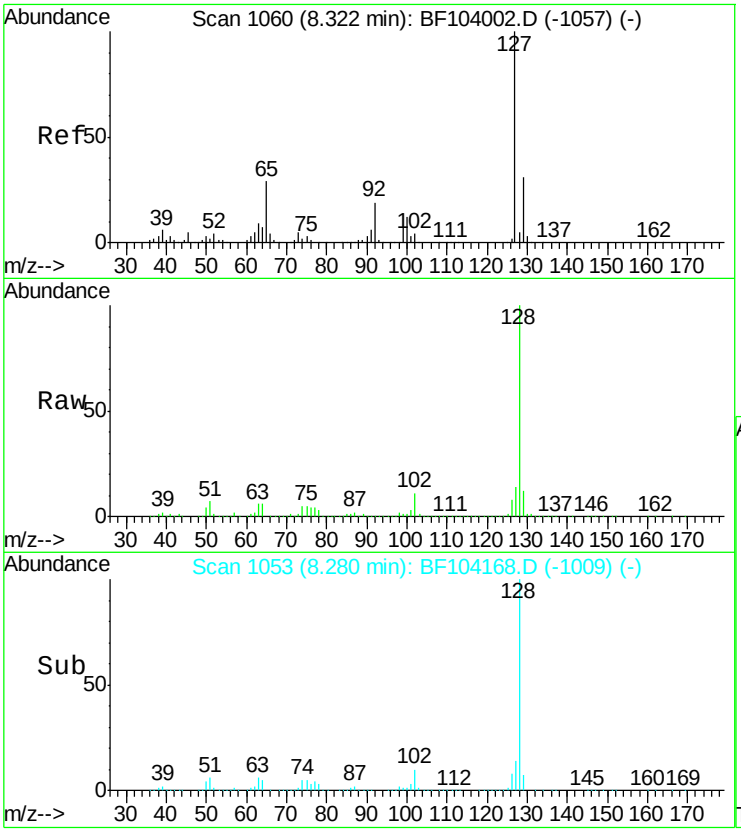


#31
Naphthalene
Concen: 264.330 ng
RT: 8.28 min Scan# 1053
Delta R.T. 0.02 min
Lab File: BF104168.D
Acq: 3 Apr 2018 8:20

Tgt Ion:128 Resp: 4442266

Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.8	13.2
127	14.4	10.9	16.3



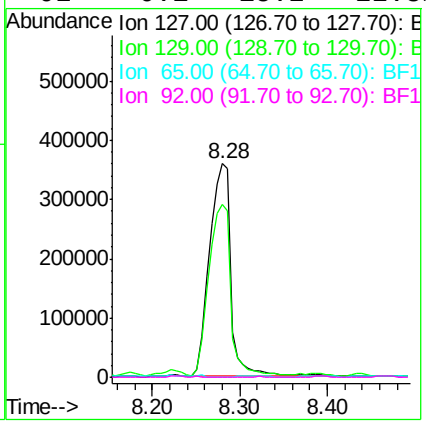


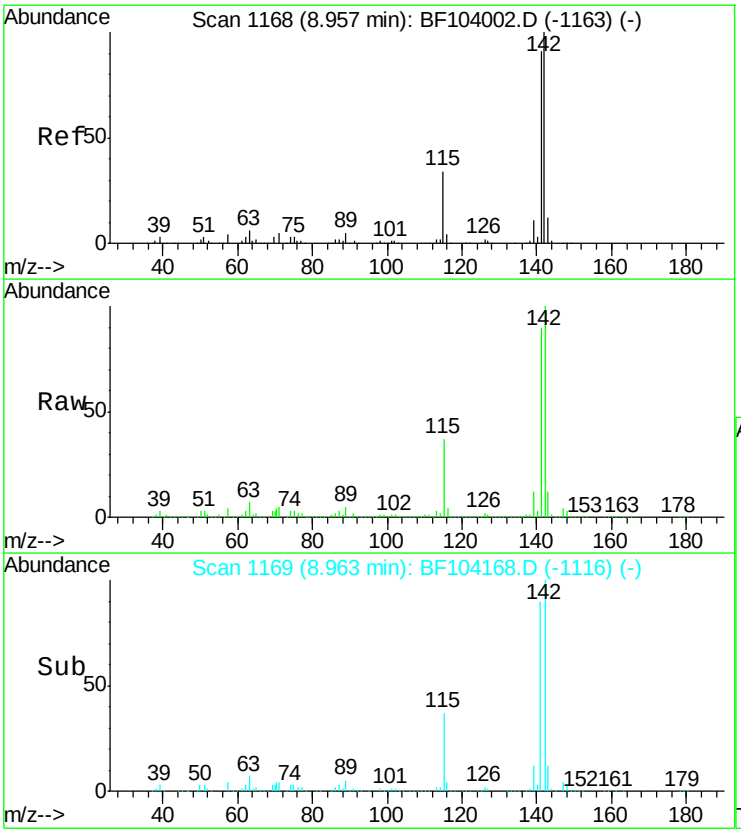
#33
4-Chloroaniline
Concen: 86.137 ng
RT: 8.28 min Scan# 1053
Delta R.T. -0.04 min
Lab File: BF104168.D
Acq: 3 Apr 2018 8:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:127 Resp: 610294

Ion	Ratio	Lower	Upper
127	100		
129	81.1	25.9	38.9#
65	0.0	25.0	37.4#
92	0.1	15.2	22.8#

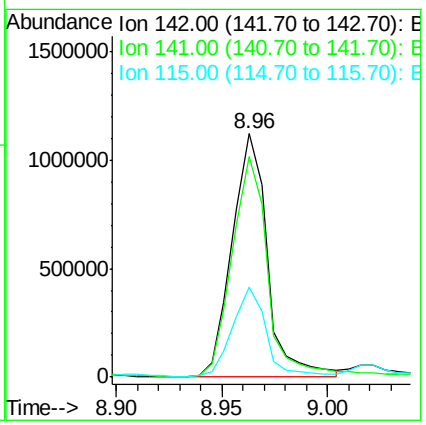


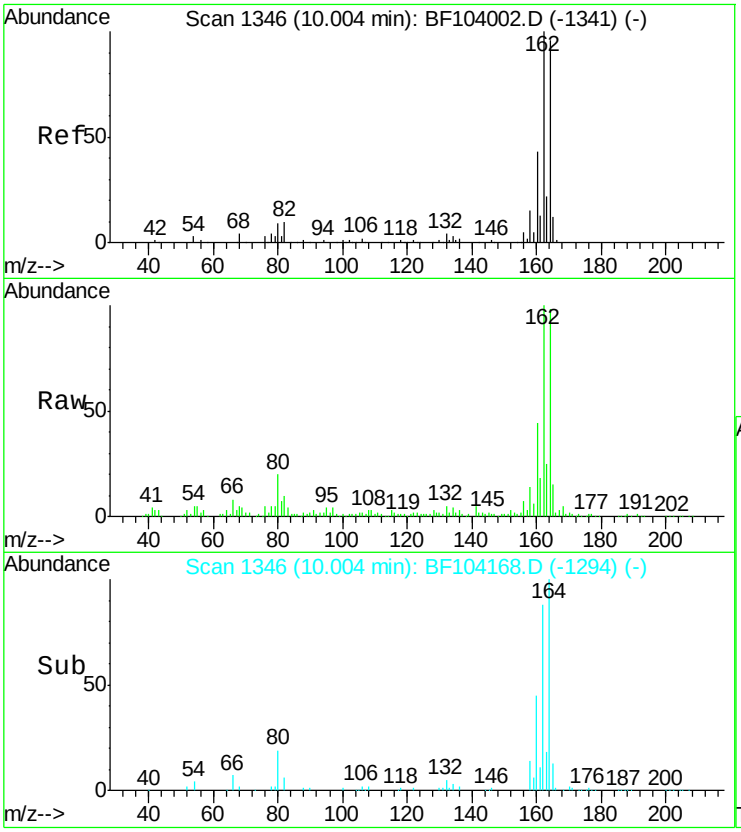


#37
2-Methylnaphthalene
Concen: 117.029 ng
RT: 8.96 min Scan# 1169
Delta R.T. 0.01 min
Lab File: BF104168.D
Acq: 3 Apr 2018 8:20

Tgt Ion:142 Resp: 1295515

Ion	Ratio	Lower	Upper
142	100		
141	90.5	70.8	106.2
115	37.2	26.1	39.1



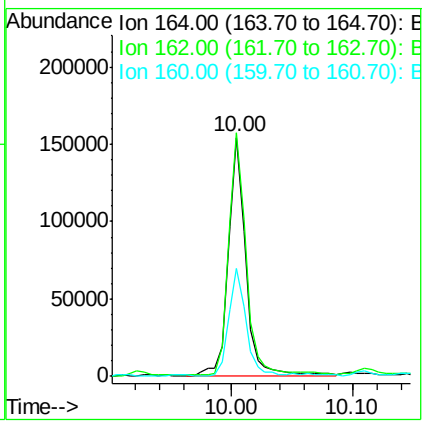


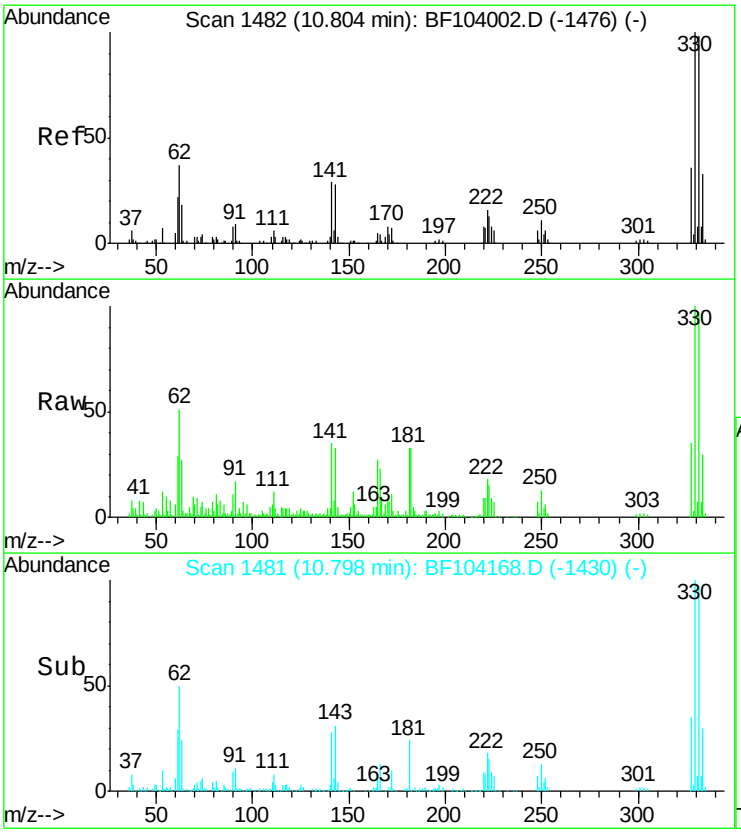
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BF104168.D
Acq: 3 Apr 2018 8:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 155369

Ion	Ratio	Lower	Upper
164	100		
162	101.8	86.1	129.1
160	45.2	38.3	57.5

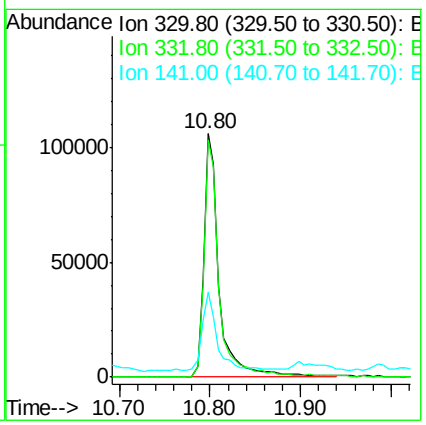


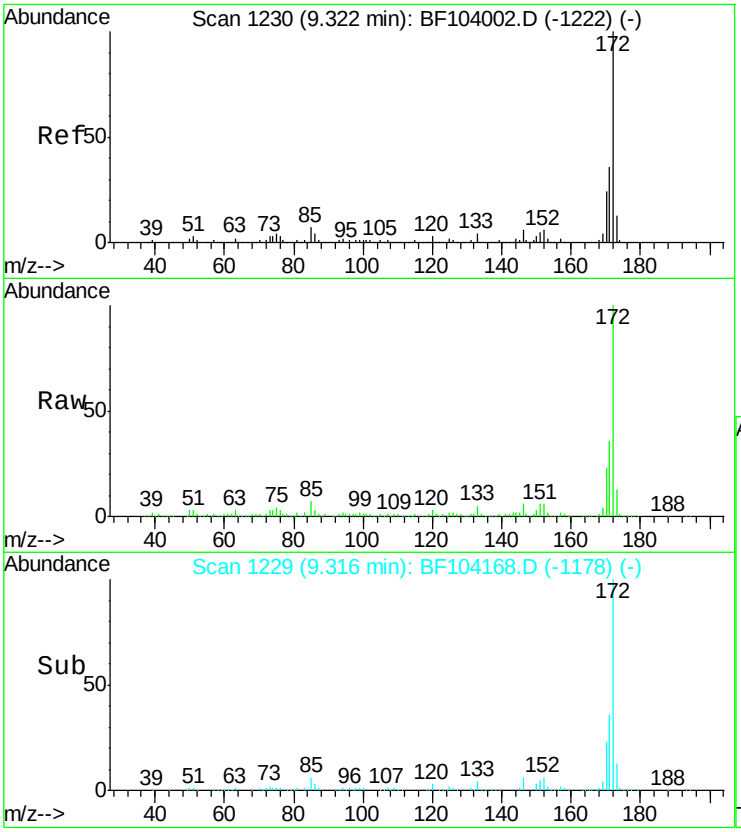


#41
2,4,6-Tribromophenol
Concen: 72.998 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.00 min
Lab File: BF104168.D
Acq: 3 Apr 2018 8:20

Tgt Ion:330 Resp: 126290

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	32.0	29.9	44.9



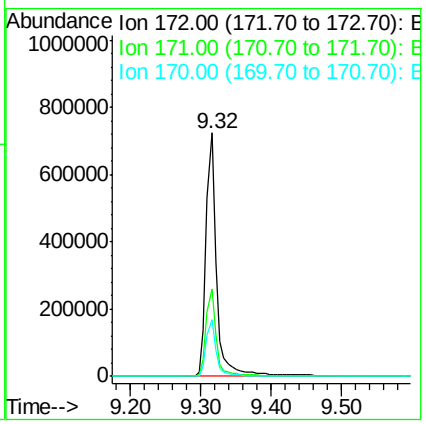


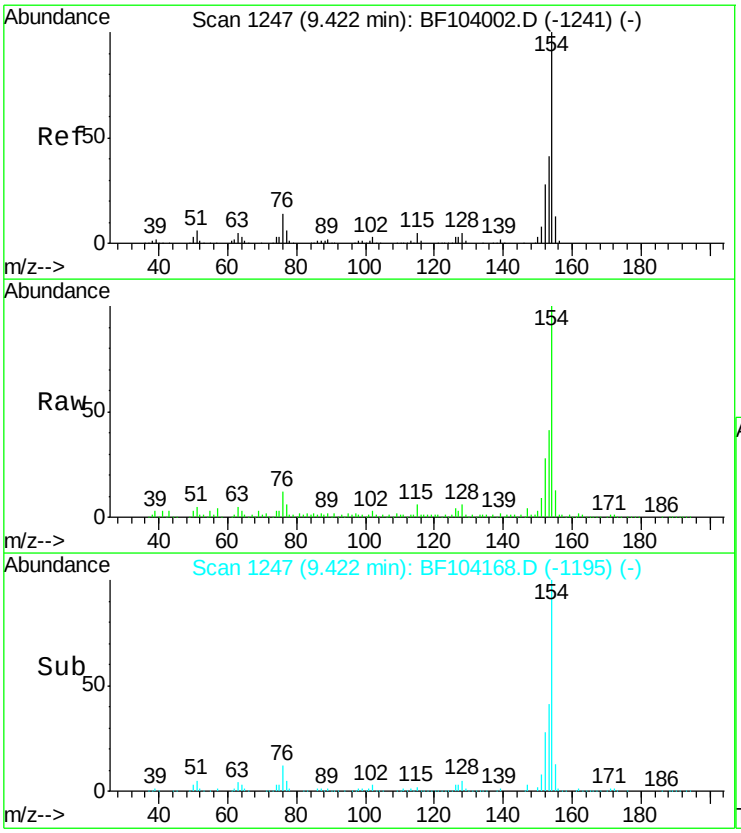
#44
2-Fluorobiphenyl
Concen: 76.383 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.00 min
Lab File: BF104168.D
Acq: 3 Apr 2018 8:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 752577

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.4	19.6	29.4

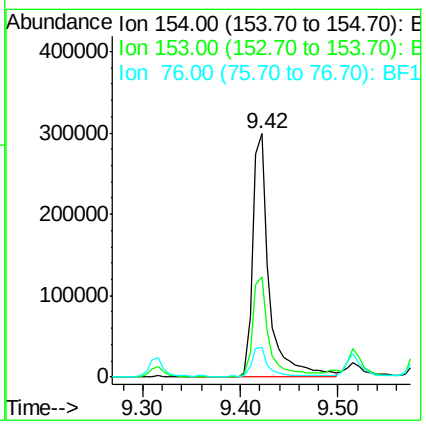


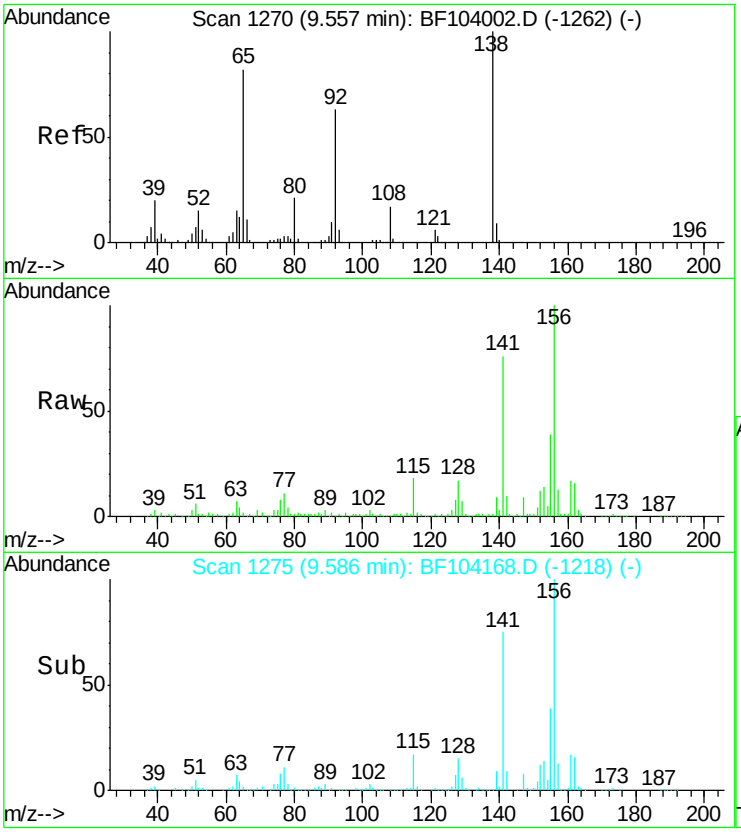


#45
1,1'-Biphenyl
Concen: 26.768 ng
RT: 9.42 min Scan# 1247
Delta R.T. 0.01 min
Lab File: BF104168.D
Acq: 3 Apr 2018 8:20

Tgt Ion:154 Resp: 356950

Ion	Ratio	Lower	Upper
154	100		
153	41.4	21.3	61.3
76	12.1	0.0	34.0



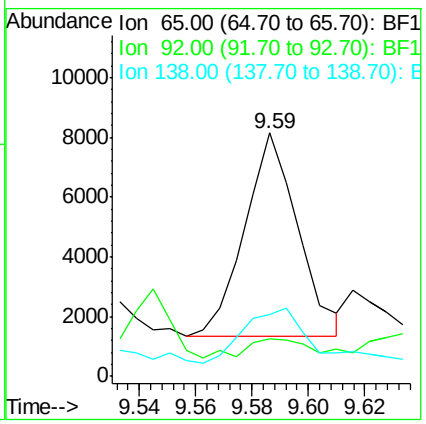


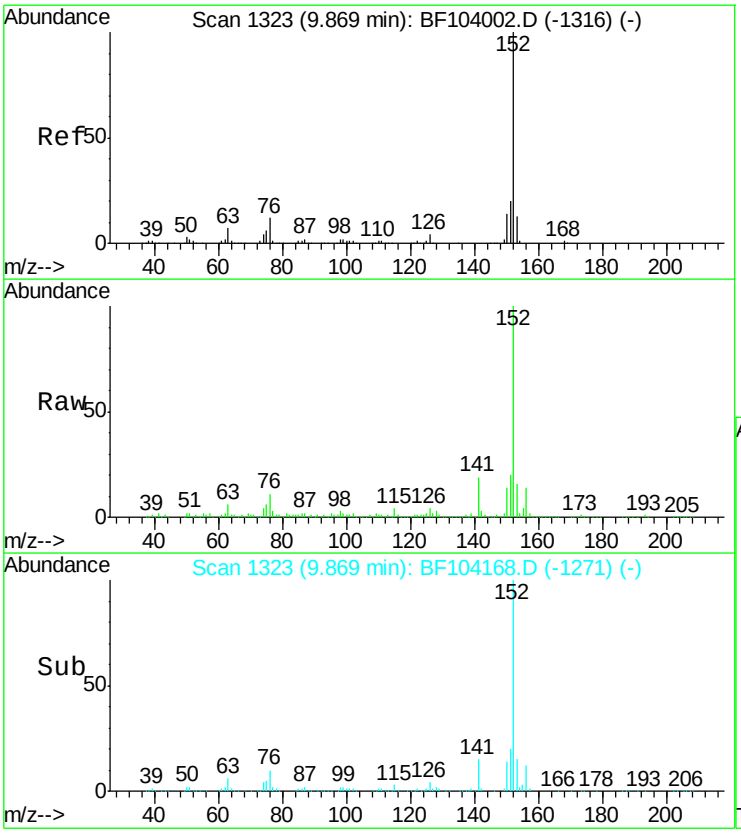
#47
2-Nitroaniline
Concen: 2.960 ng
RT: 9.59 min Scan# 1275
Delta R.T. 0.04 min
Lab File: BF104168.D
Acq: 3 Apr 2018 8:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 8879

Ion	Ratio	Lower	Upper
65	100		
92	15.2	55.8	83.6#
138	25.2	91.2	136.8#

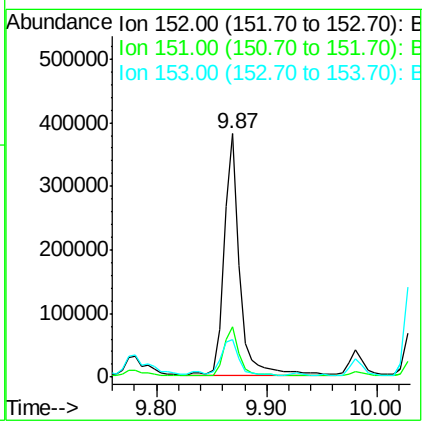


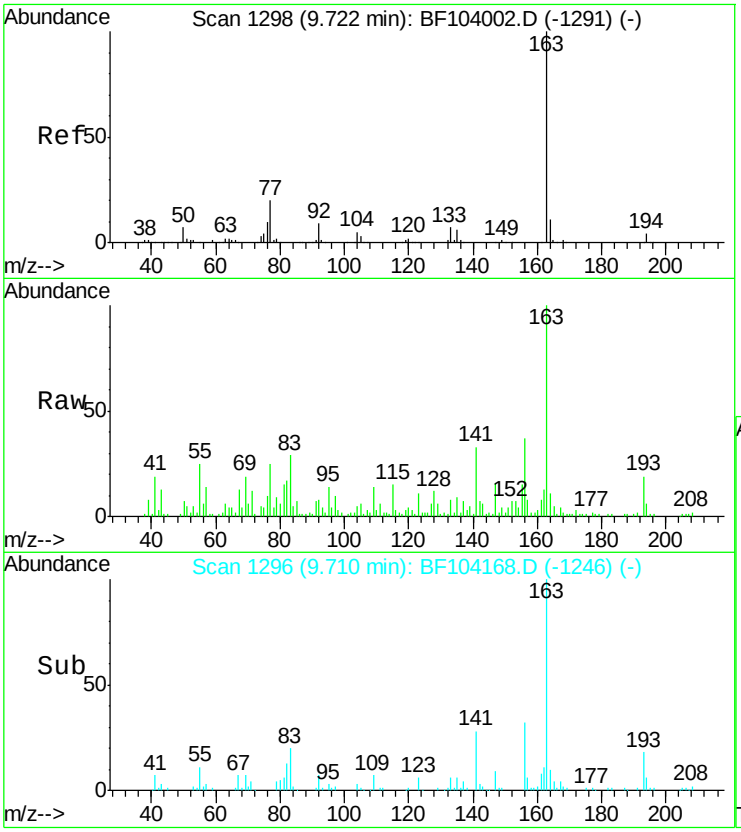


#48
Acenaphthylene
Concen: 23.391 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.01 min
Lab File: BF104168.D
Acq: 3 Apr 2018 8:20

Tgt Ion:152 Resp: 372744

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5
153	15.5	10.7	16.1



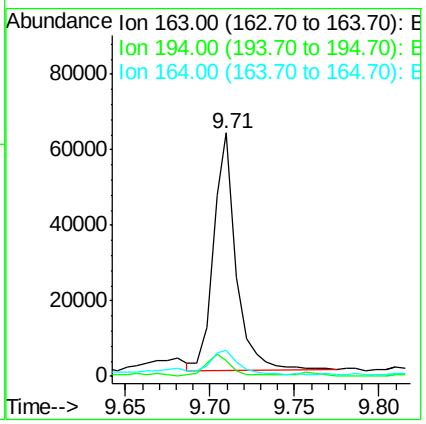


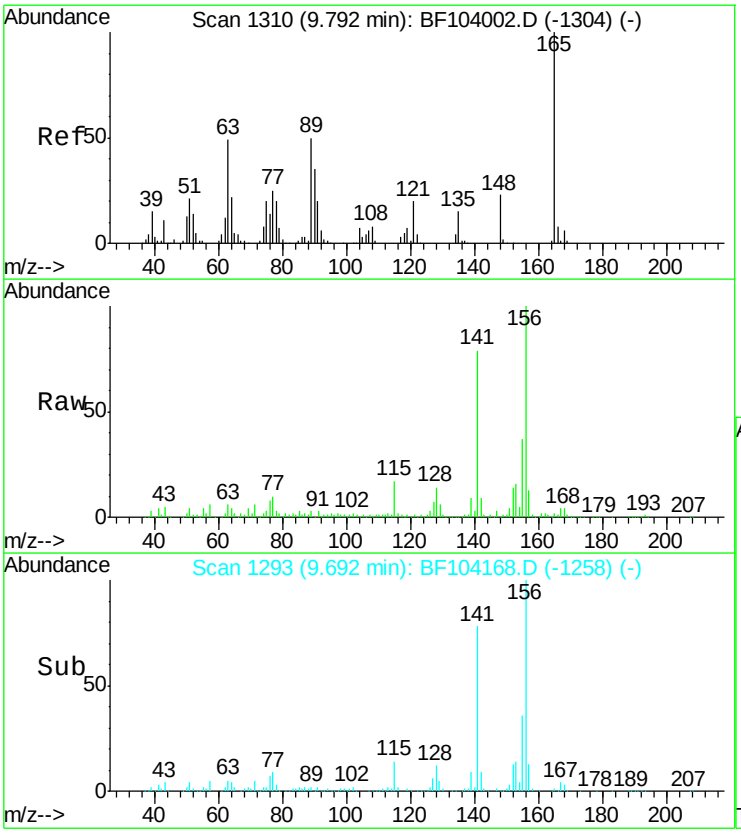
#49
Dimethylphthalate
Concen: 4.764 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF104168.D
Acq: 3 Apr 2018 8:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 58437

Ion	Ratio	Lower	Upper
163	100		
194	6.4	2.7	4.1#
164	10.9	8.2	12.2

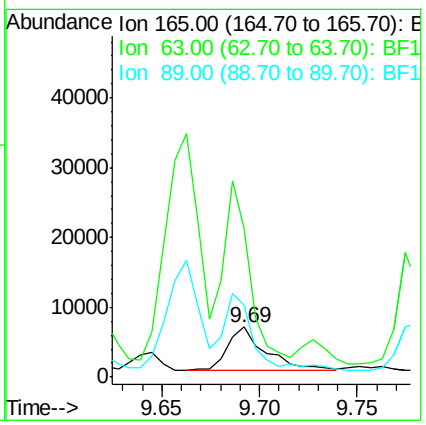


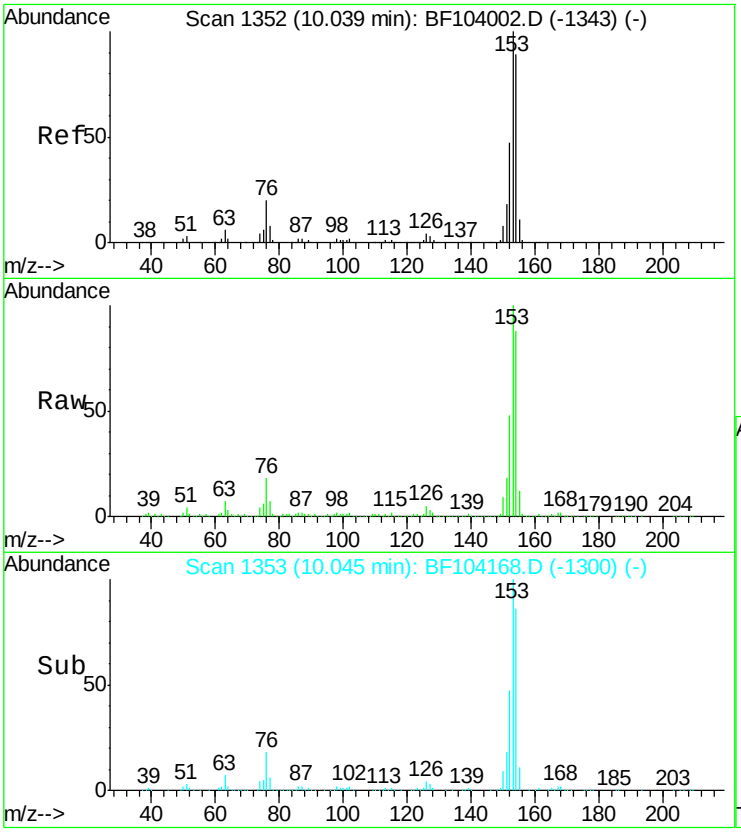


#50
2,6-Dinitrotoluene
Concen: 3.243 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.09 min
Lab File: BF104168.D
Acq: 3 Apr 2018 8:20

Tgt Ion:165 Resp: 8558

Ion	Ratio	Lower	Upper
165	100		
63	299.4	44.7	67.1#
89	144.7	44.0	66.0#



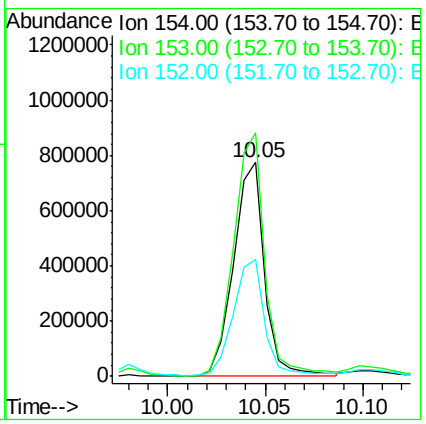


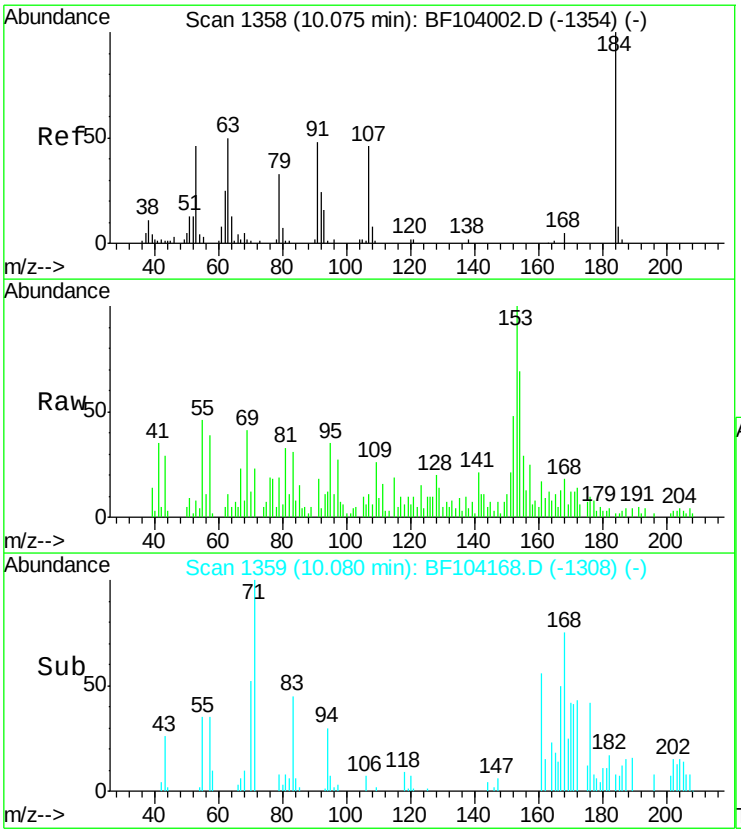
#51
Acenaphthene
Concen: 91.653 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF104168.D
Acq: 3 Apr 2018 8:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 844913

Ion	Ratio	Lower	Upper
154	100		
153	113.7	91.2	136.8
152	54.5	43.8	65.8

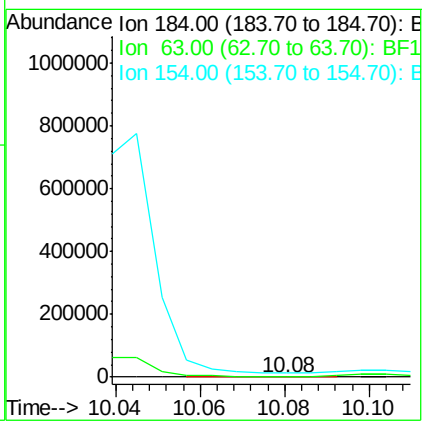


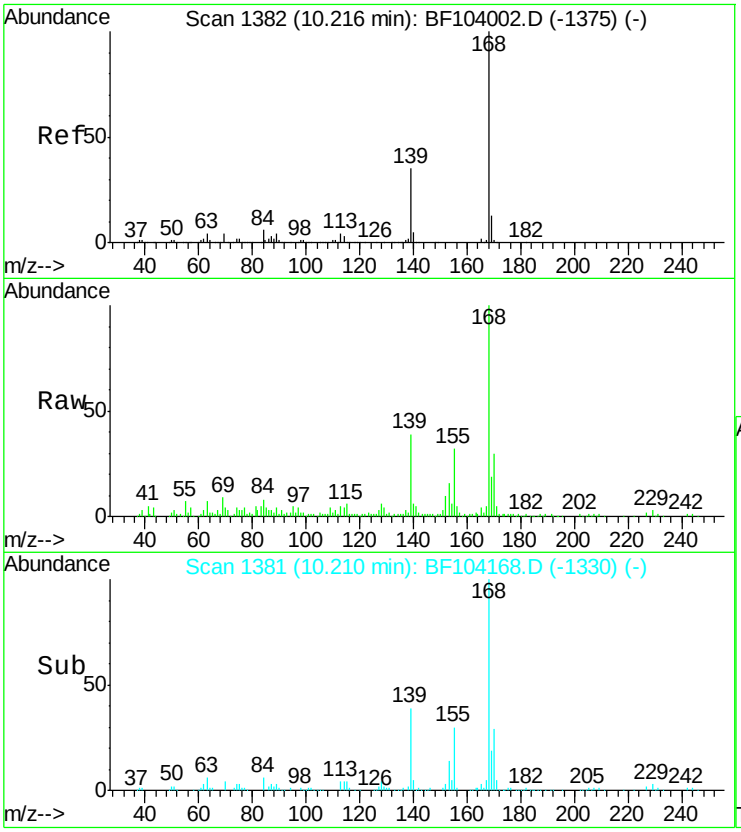


#53
2,4-Dinitrophenol
Concen: 5.853 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.00 min
Lab File: BF104168.D
Acq: 3 Apr 2018 8:20

Tgt Ion:184 Resp: 347

Ion	Ratio	Lower	Upper
184	100		
63	608.3	54.2	81.2#
154	3716.0	184.0	276.0#



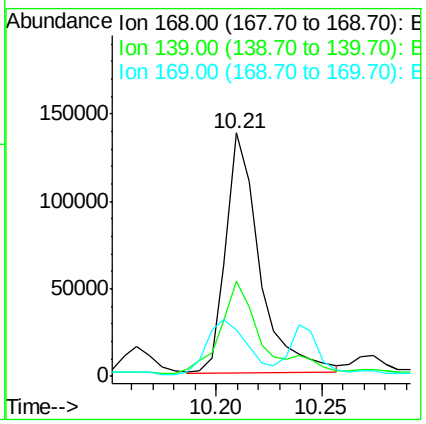


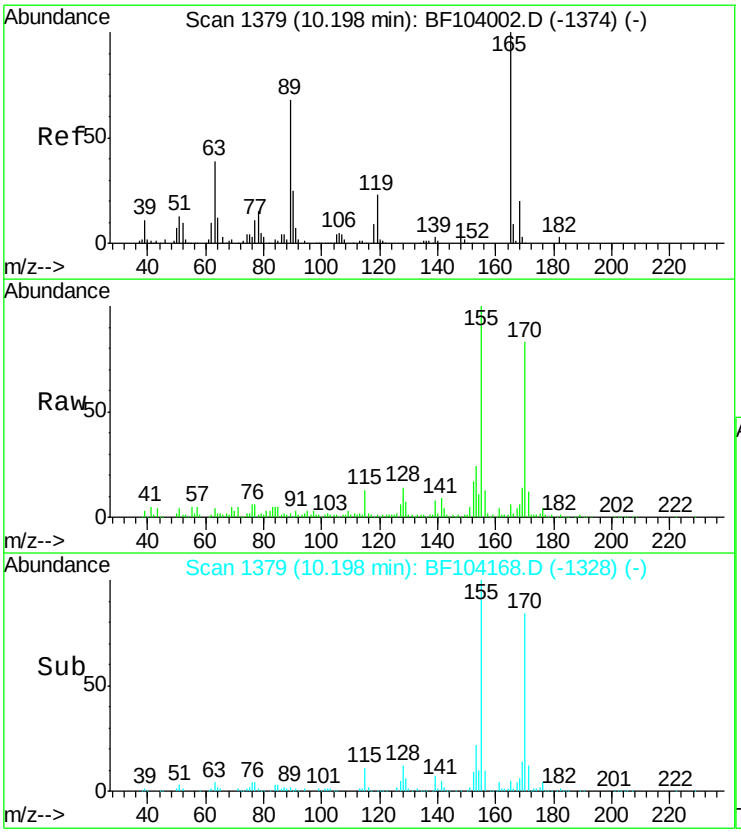
#54
Dibenzofuran
Concen: 11.351 ng
RT: 10.21 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BF104168.D
Acq: 3 Apr 2018 8:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 152810

Ion	Ratio	Lower	Upper
168	100		
139	39.2	30.1	45.1
169	19.2	10.9	16.3#

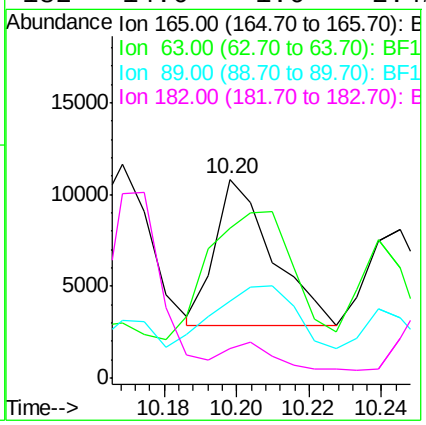


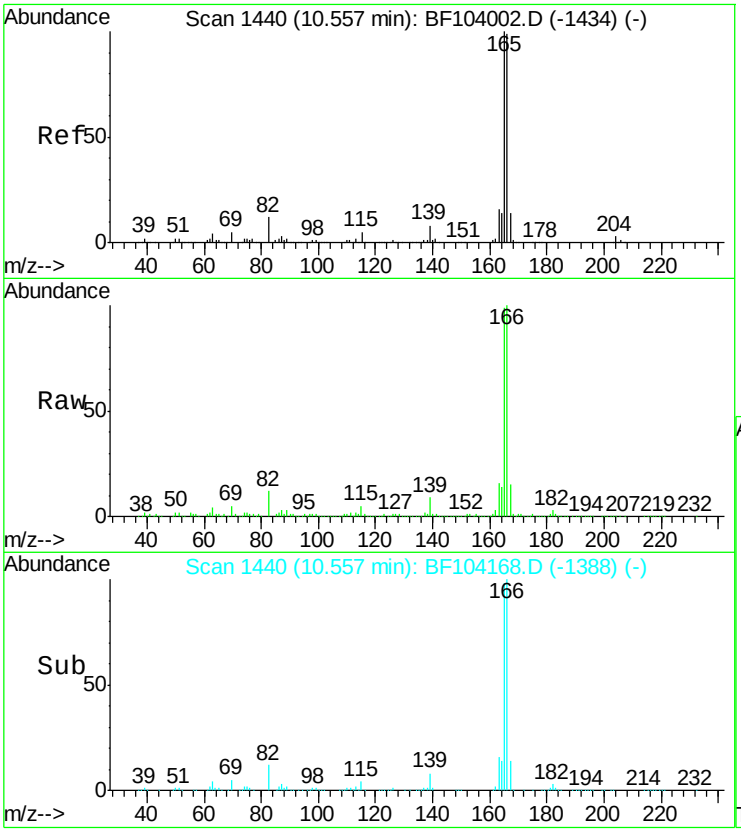


#56
2,4-Dinitrotoluene
Concen: 2.596 ng
RT: 10.20 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BF104168.D
Acq: 3 Apr 2018 8:20

Tgt Ion:165 Resp: 8741

Ion	Ratio	Lower	Upper
165	100		
63	75.3	36.4	54.6#
89	38.8	57.8	86.6#
182	14.6	1.6	2.4#



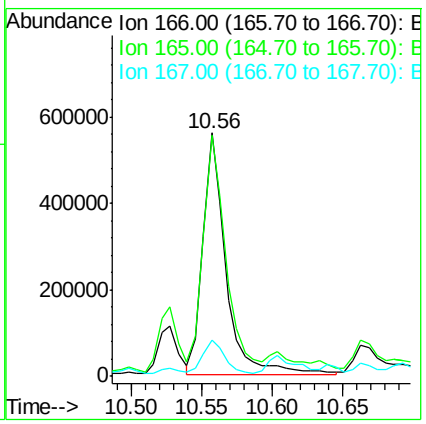


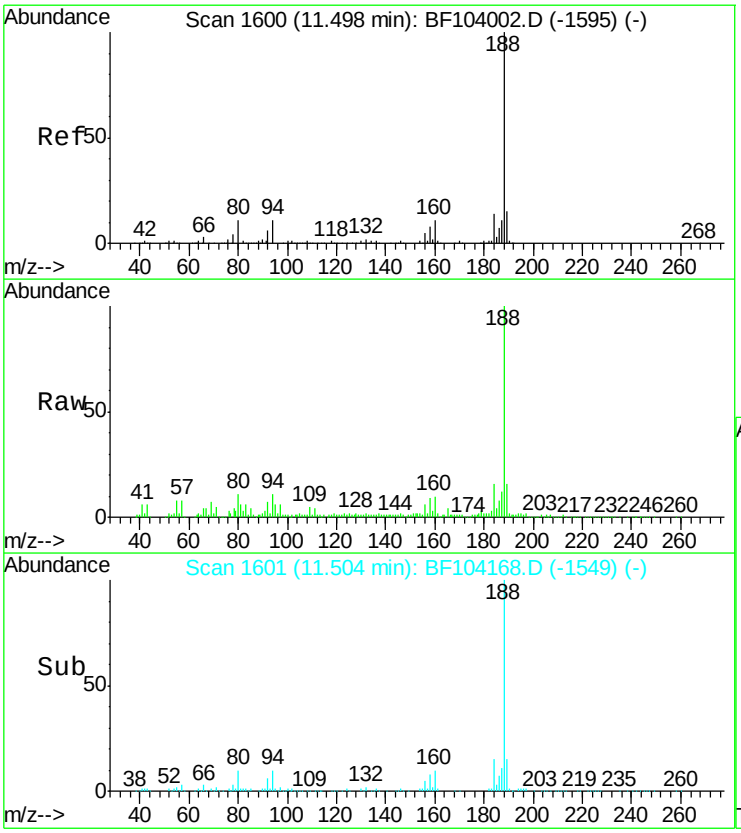
#57
Fluorene
Concen: 57.883 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.01 min
Lab File: BF104168.D
Acq: 3 Apr 2018 8:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 642759

Ion	Ratio	Lower	Upper
166	100		
165	98.9	79.8	119.8
167	15.1	10.6	16.0

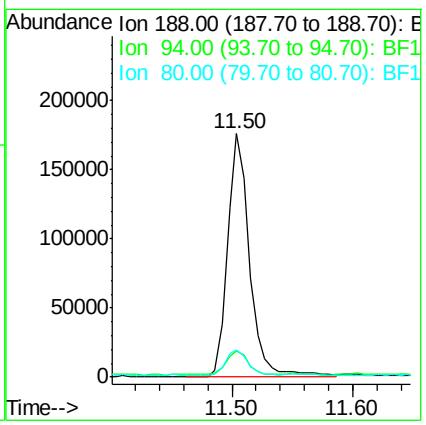


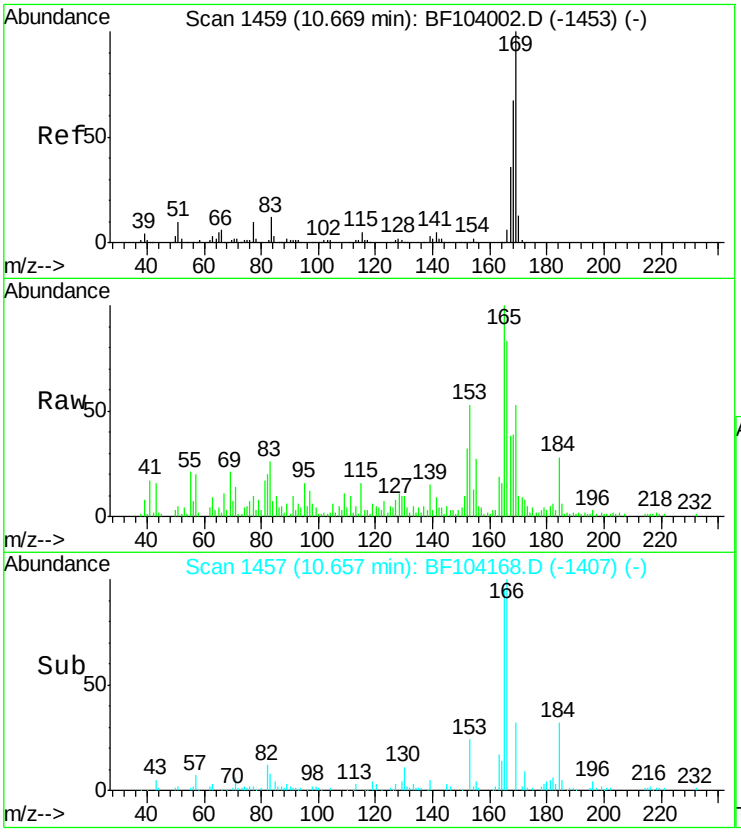


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF104168.D
Acq: 3 Apr 2018 8:20

Tgt Ion:188 Resp: 221000

Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.5	12.7
80	11.0	9.2	13.8



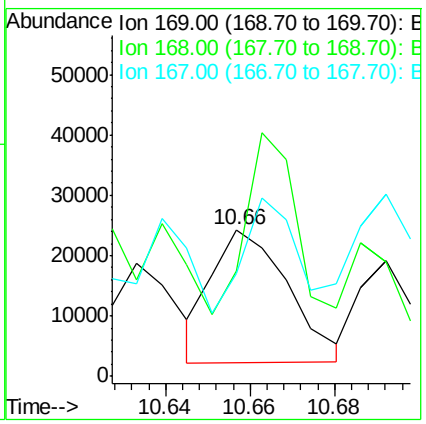


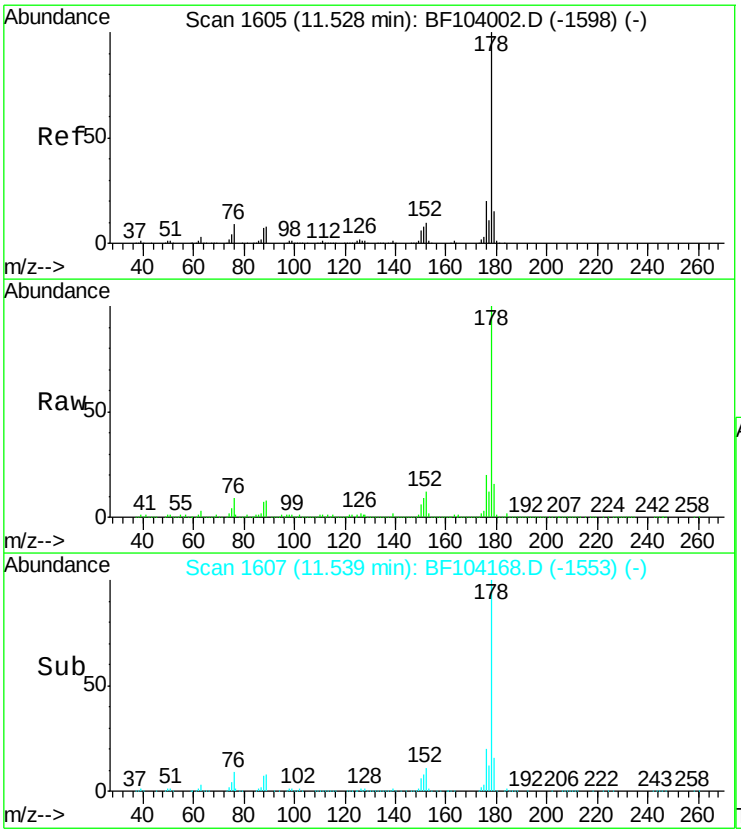
#65
n-Nitrosodiphenylamine
Concen: 3.665 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.01 min
Lab File: BF104168.D
Acq: 3 Apr 2018 8:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:169 Resp: 27434

Ion	Ratio	Lower	Upper
169	100		
168	72.1	54.4	81.6
167	70.5	29.8	44.6#

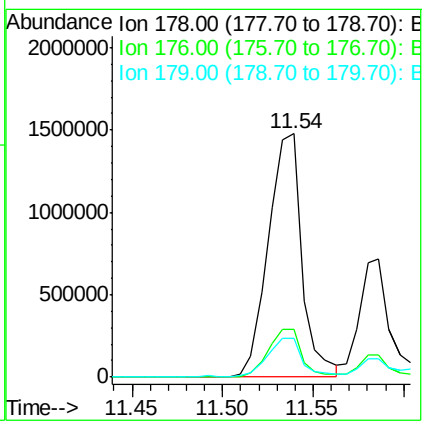


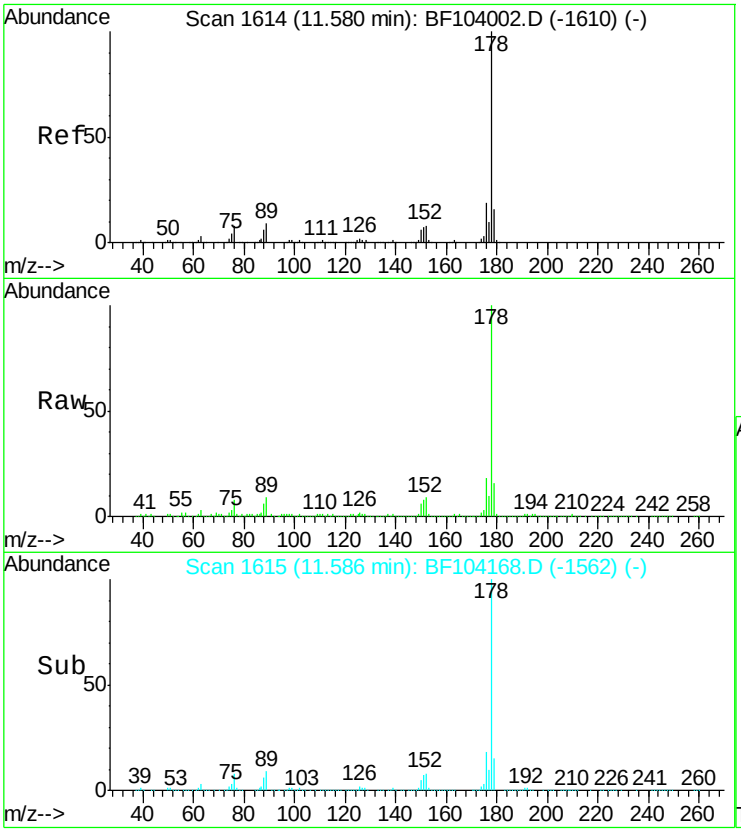


#70
Phenanthrene
Concen: 158.737 ng
RT: 11.54 min Scan# 1607
Delta R.T. 0.02 min
Lab File: BF104168.D
Acq: 3 Apr 2018 8:20

Tgt Ion:178 Resp: 1899319

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	16.1	13.0	19.6



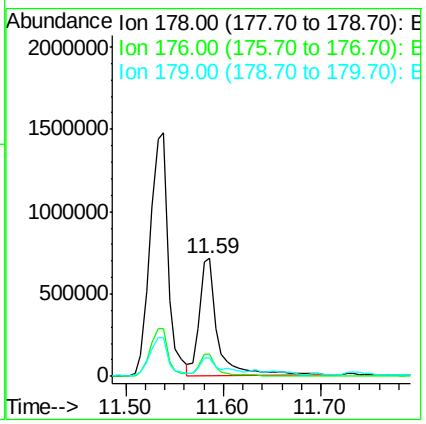


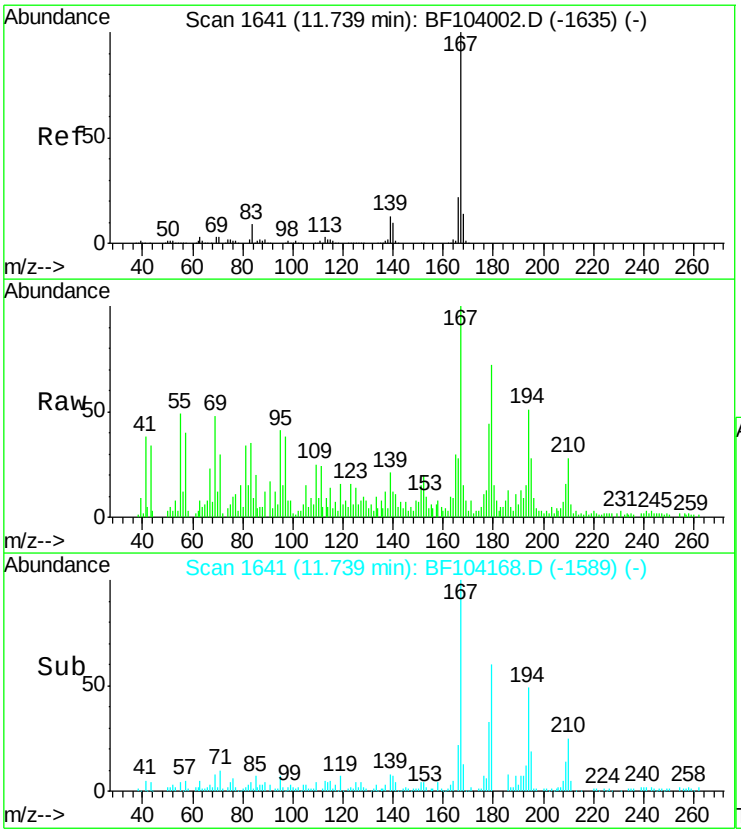
#71
Anthracene
Concen: 73.057 ng
RT: 11.59 min Scan# 1615
Delta R.T. 0.01 min
Lab File: BF104168.D
Acq: 3 Apr 2018 8:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 913067

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.4	23.2
179	16.0	12.6	19.0

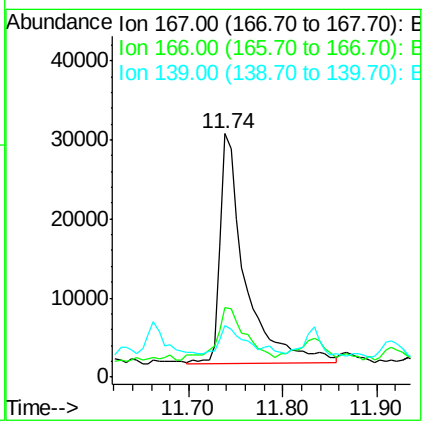


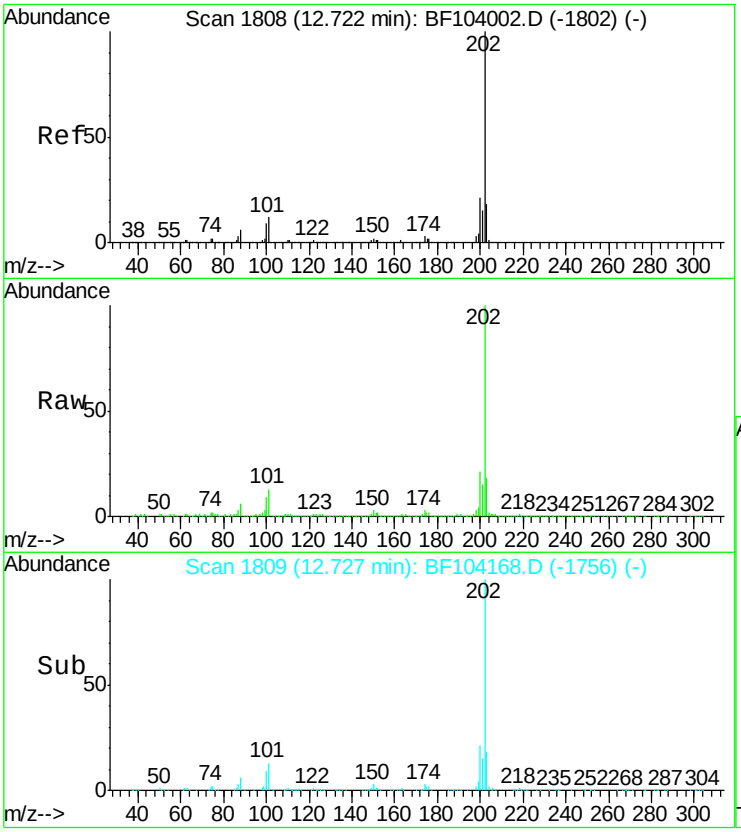


#72
Carbazole
Concen: 4.493 ng
RT: 11.74 min Scan# 1641
Delta R.T. 0.01 min
Lab File: BF104168.D
Acq: 3 Apr 2018 8:20

Tgt Ion:167 Resp: 53591

Ion	Ratio	Lower	Upper
167	100		
166	28.5	17.6	26.4#
139	21.2	10.9	16.3#



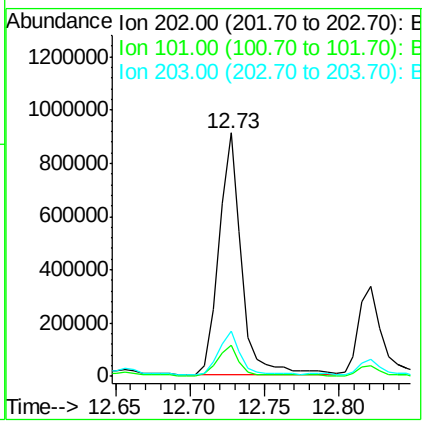


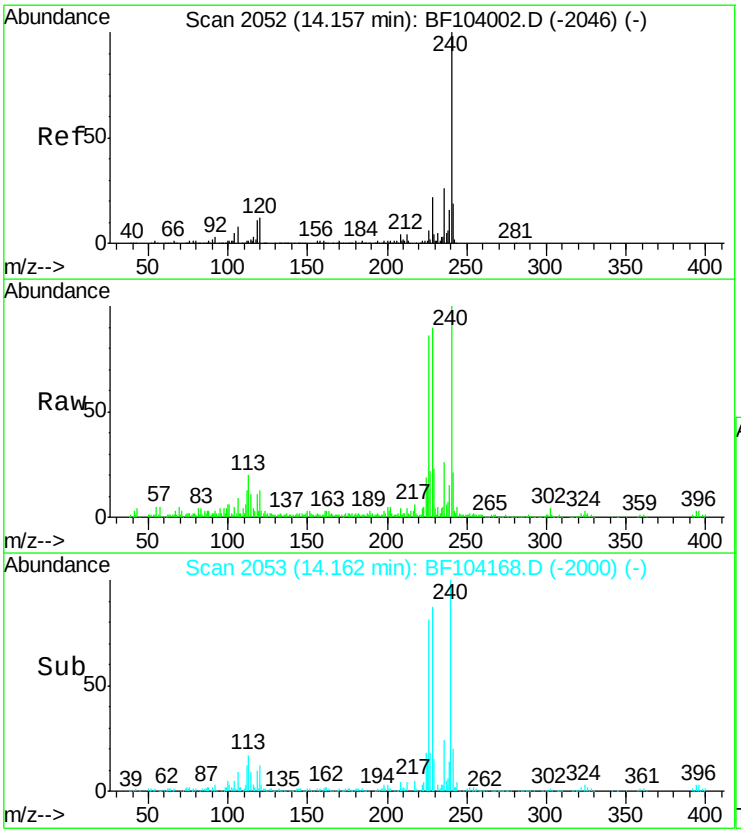
#74
Fluoranthene
Concen: 76.121 ng
RT: 12.73 min Scan# 1809
Delta R.T. 0.01 min
Lab File: BF104168.D
Acq: 3 Apr 2018 8:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 968135

Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	34.1
203	18.4	0.0	38.1

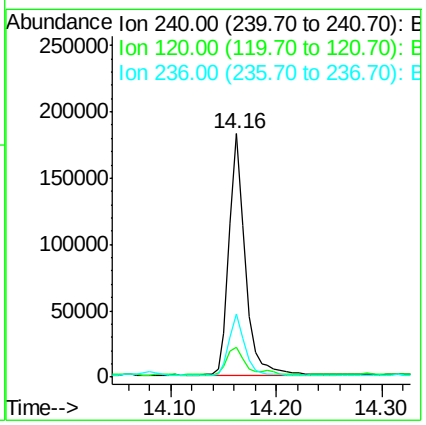


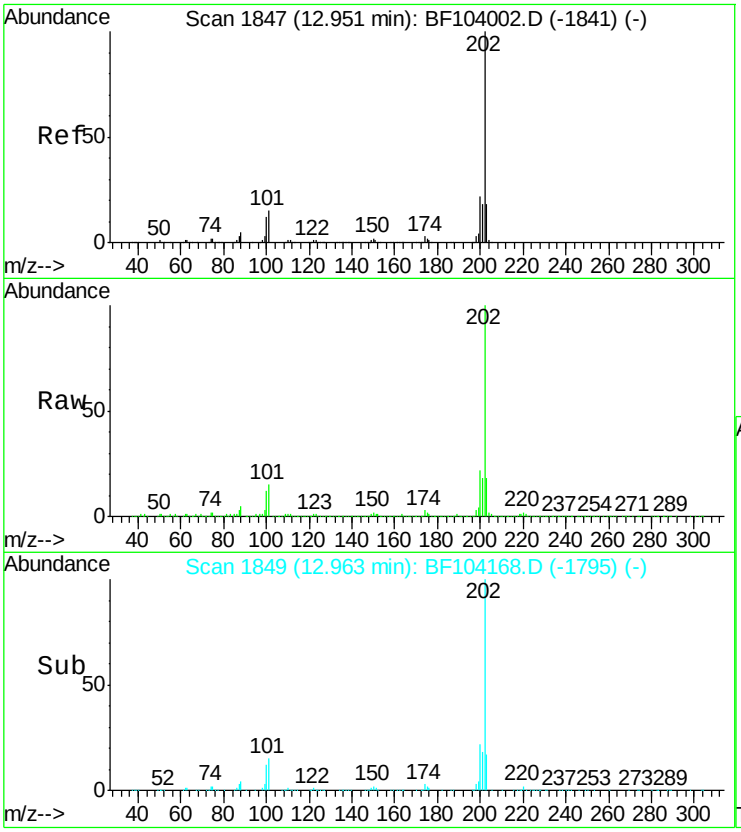


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2053
Delta R.T. 0.01 min
Lab File: BF104168.D
Acq: 3 Apr 2018 8:20

Tgt Ion:240 Resp: 191945

Ion	Ratio	Lower	Upper
240	100		
120	12.5	9.5	14.3
236	26.2	20.7	31.1



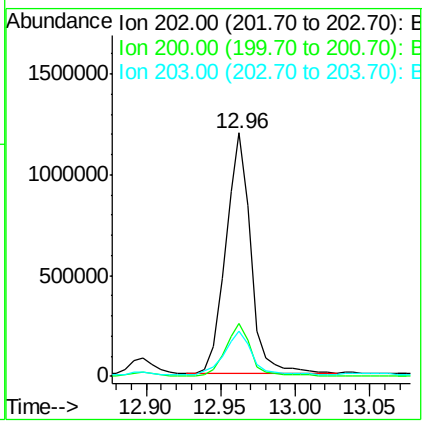


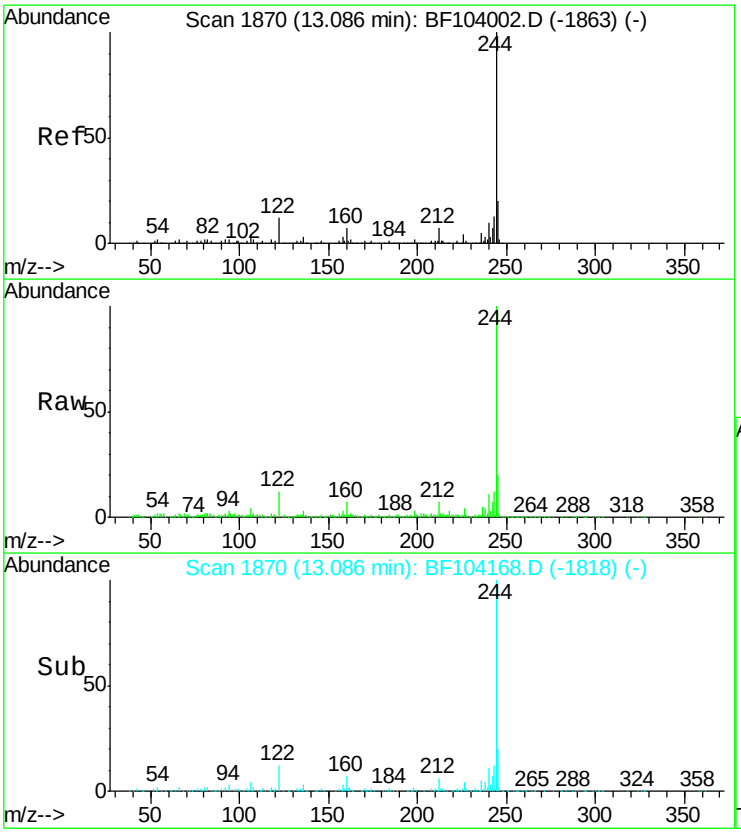
#77
Pyrene
Concen: 102.307 ng
RT: 12.96 min Scan# 1849
Delta R.T. 0.02 min
Lab File: BF104168.D
Acq: 3 Apr 2018 8:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 1411648

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	18.5	14.3	21.5

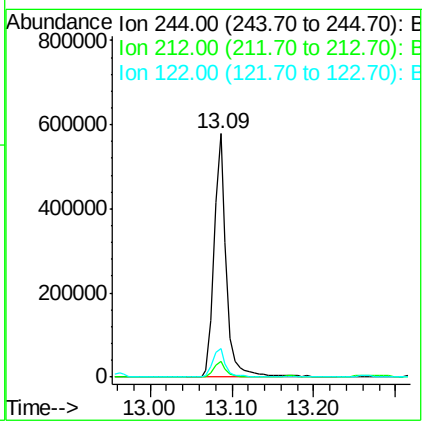


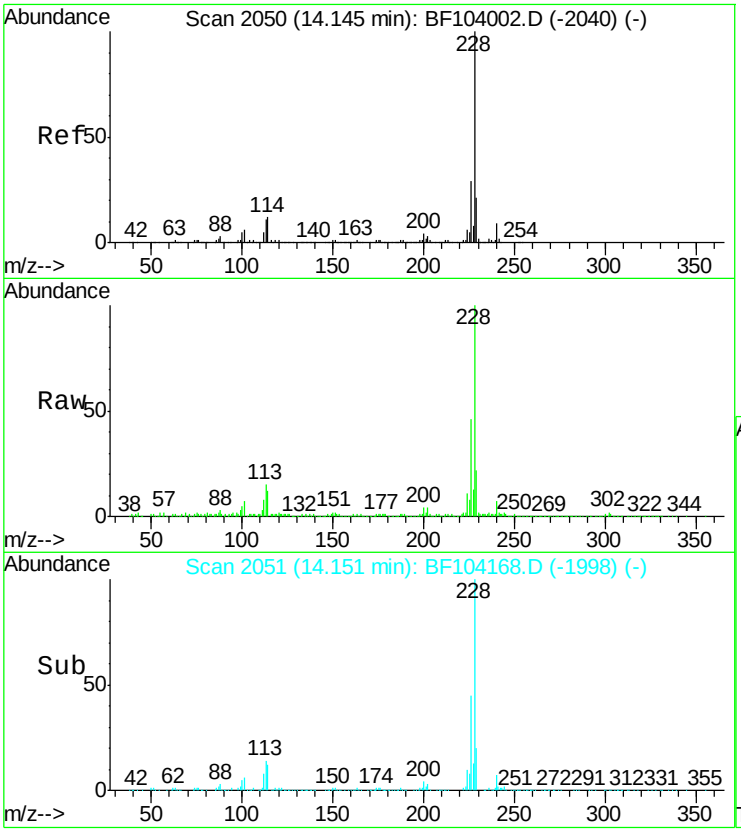


#78
Terphenyl-d14
Concen: 72.133 ng
RT: 13.09 min Scan# 1870
Delta R.T. 0.01 min
Lab File: BF104168.D
Acq: 3 Apr 2018 8:20

Tgt Ion:244 Resp: 599644

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	11.8	11.0	16.4



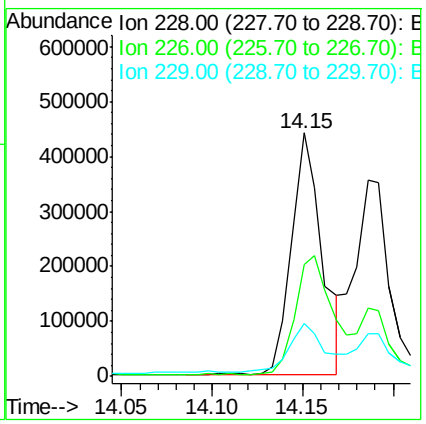


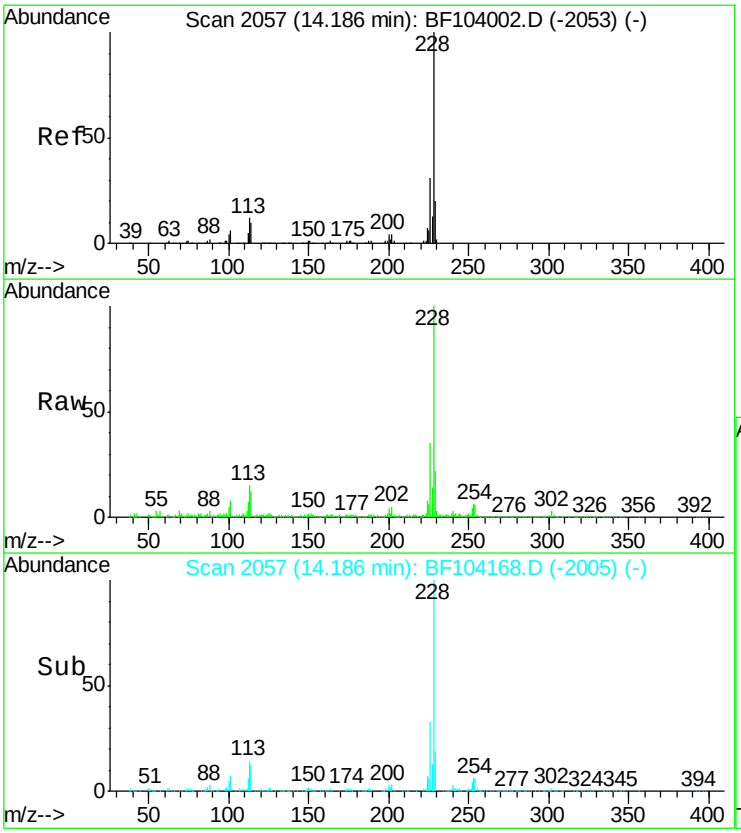
#80
Benzo(a)anthracene
Concen: 43.464 ng
RT: 14.15 min Scan# 2051
Delta R.T. 0.01 min
Lab File: BF104168.D
Acq: 3 Apr 2018 8:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 522013

Ion	Ratio	Lower	Upper
228	100		
226	46.0	22.6	33.8#
229	21.9	15.8	23.6

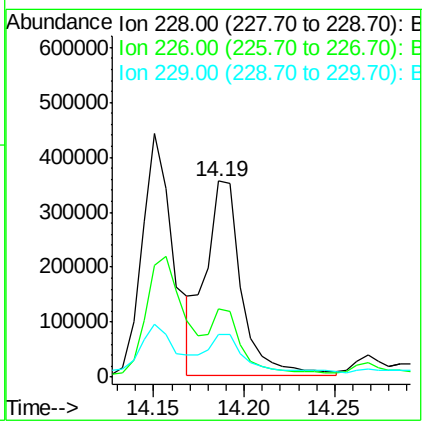


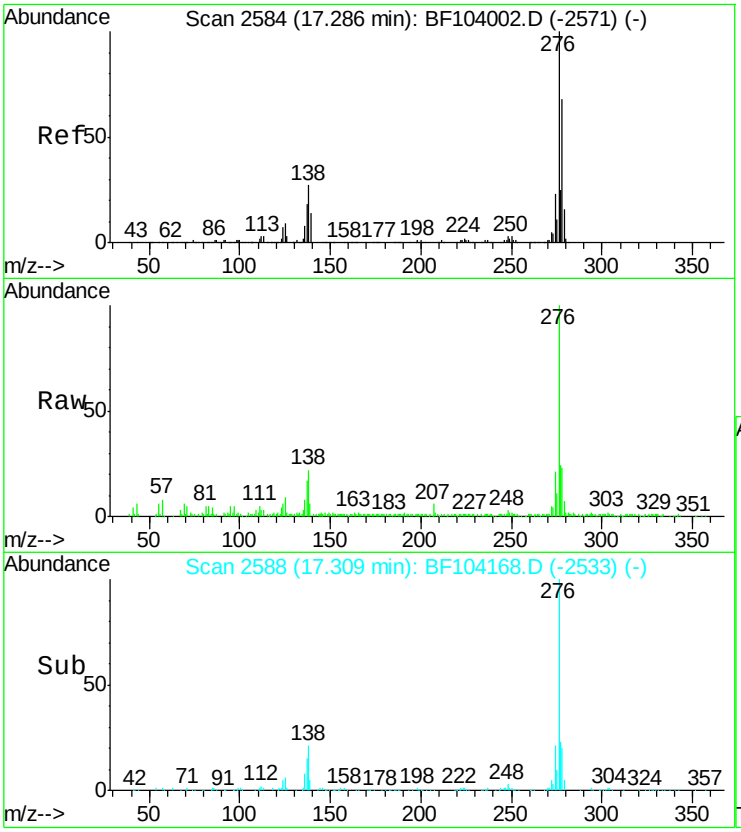


#82
Chrysene
Concen: 41.696 ng
RT: 14.19 min Scan# 2057
Delta R.T. 0.01 min
Lab File: BF104168.D
Acq: 3 Apr 2018 8:20

Tgt Ion:228 Resp: 490488

Ion	Ratio	Lower	Upper
228	100		
226	34.6	25.0	37.6
229	22.0	16.2	24.4



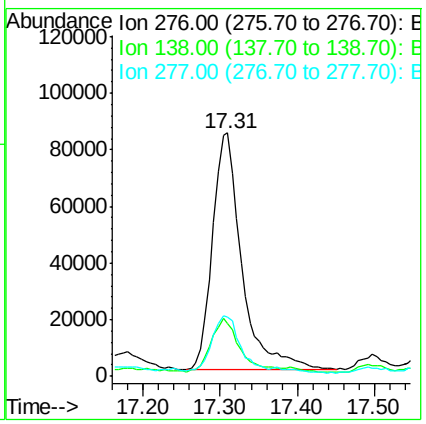


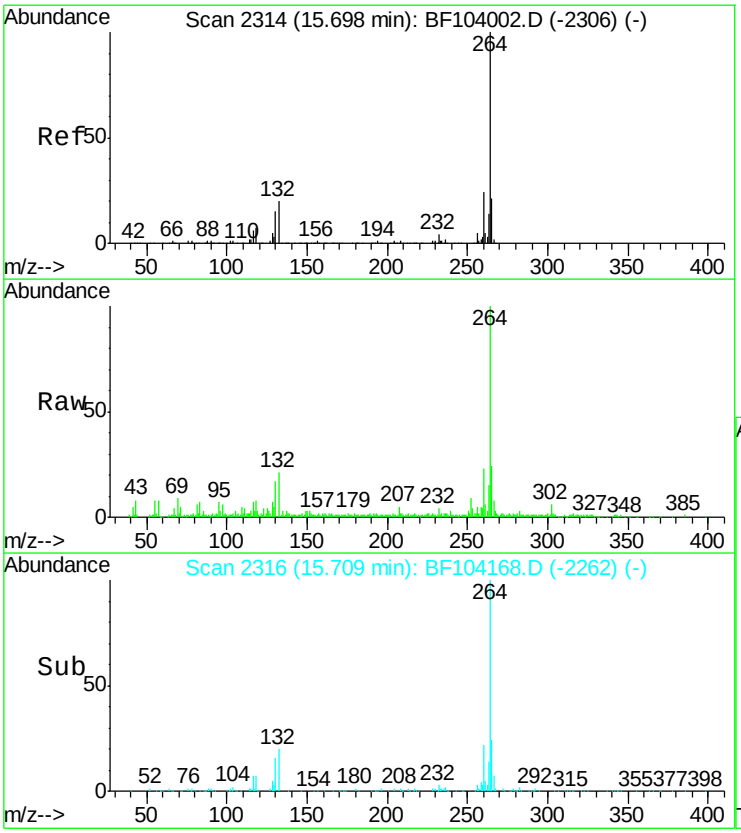
#85
Indeno(1,2,3-cd)pyrene
Concen: 18.118 ng
RT: 17.31 min Scan# 2588
Delta R.T. 0.02 min
Lab File: BF104168.D
Acq: 3 Apr 2018 8:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 220855

Ion	Ratio	Lower	Upper
276	100		
138	21.9	25.0	37.6#
277	21.2	20.1	30.1

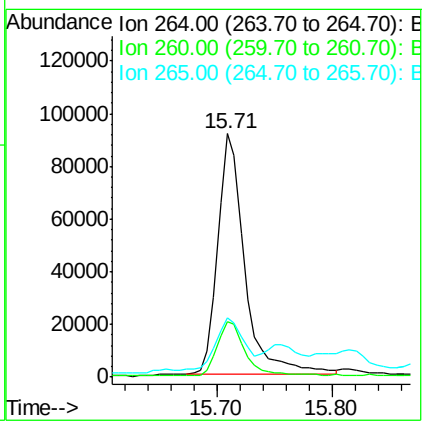


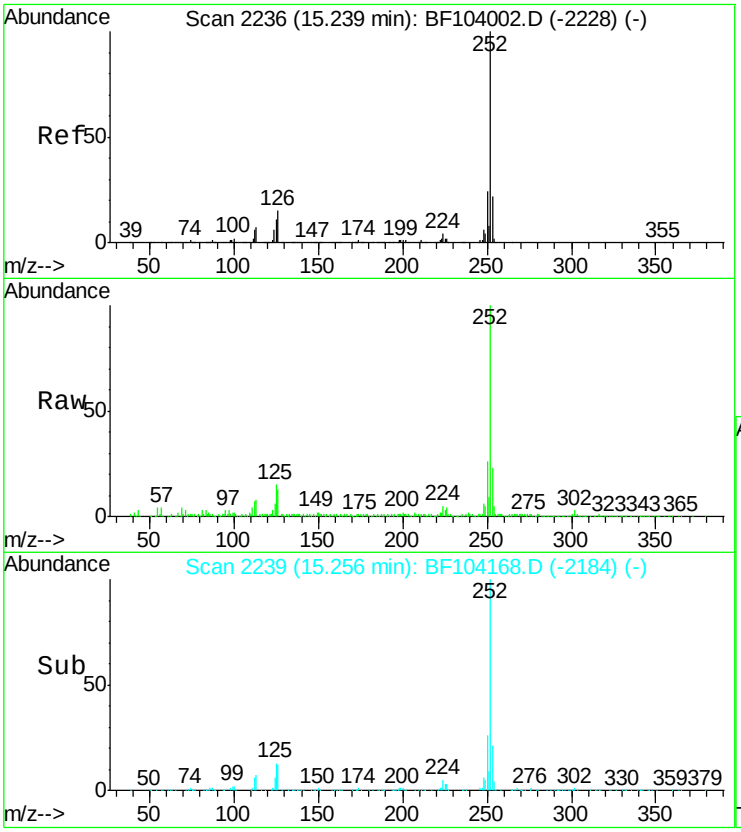


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.71 min Scan# 2316
Delta R.T. 0.02 min
Lab File: BF104168.D
Acq: 3 Apr 2018 8:20

Tgt Ion:264 Resp: 149725

Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	24.4	17.5	26.3



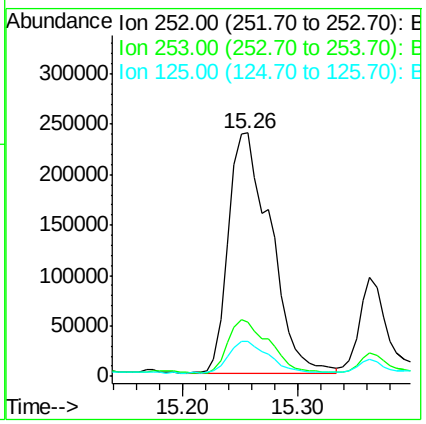


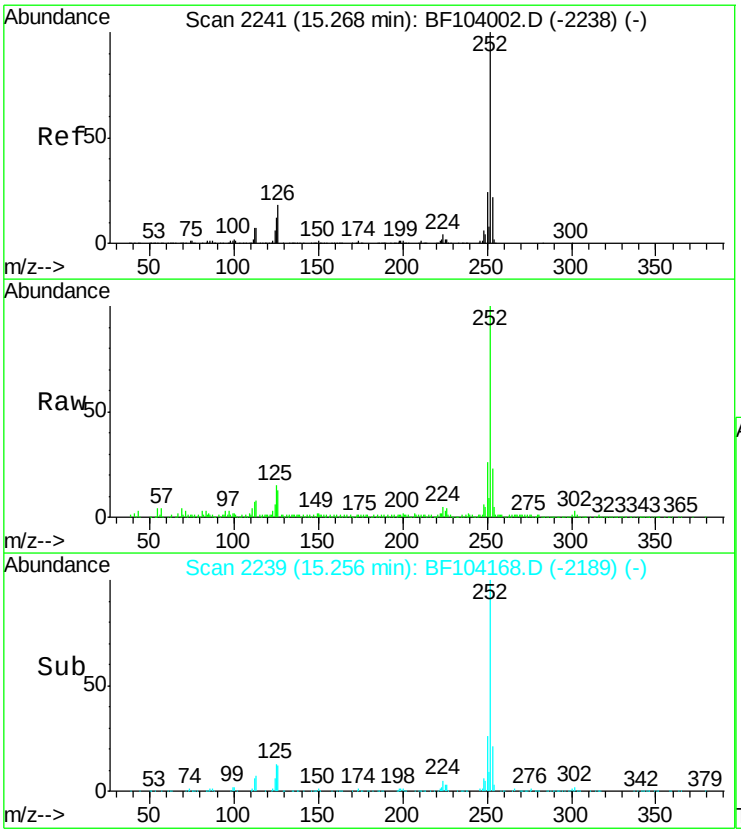
#87
Benzo(b)fluoranthene
Concen: 66.807 ng
RT: 15.26 min Scan# 2239
Delta R.T. 0.02 min
Lab File: BF104168.D
Acq: 3 Apr 2018 8:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 608753

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.0	25.6
125	14.6	9.0	13.6#

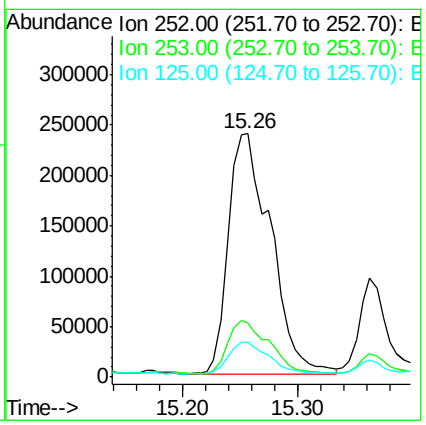


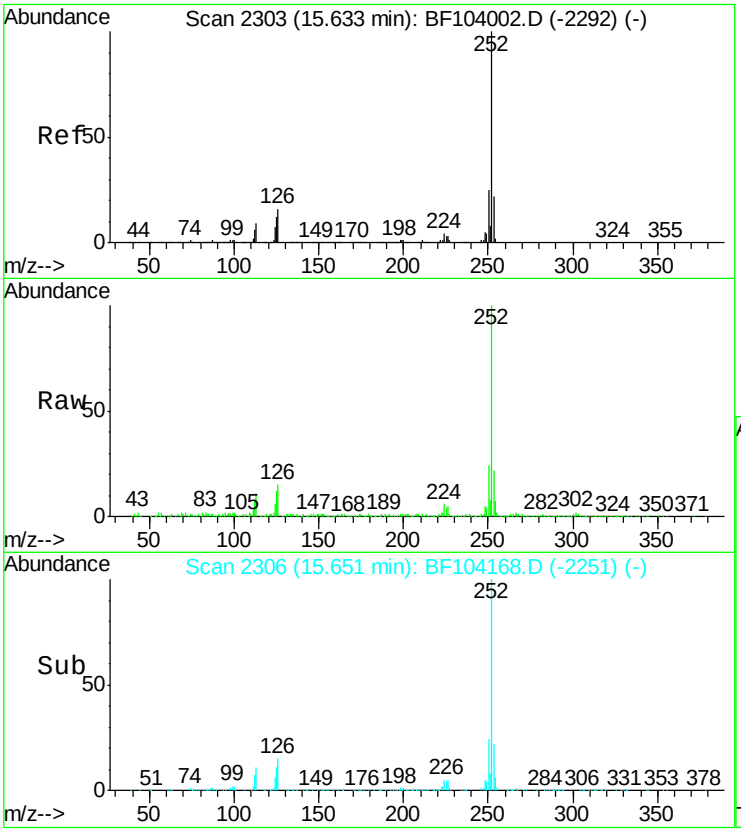


#88
Benzo(k)fluoranthene
Concen: 70.920 ng
RT: 15.26 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BF104168.D
Acq: 3 Apr 2018 8:20

Tgt Ion:252 Resp: 608753

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	14.6	10.2	15.2



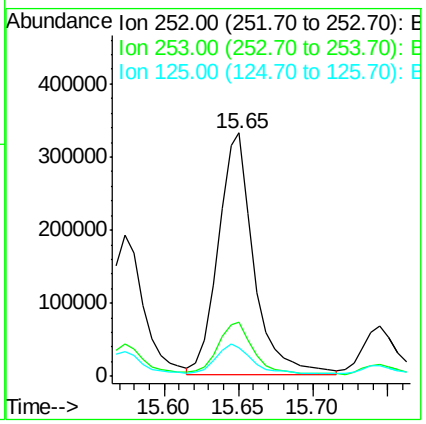


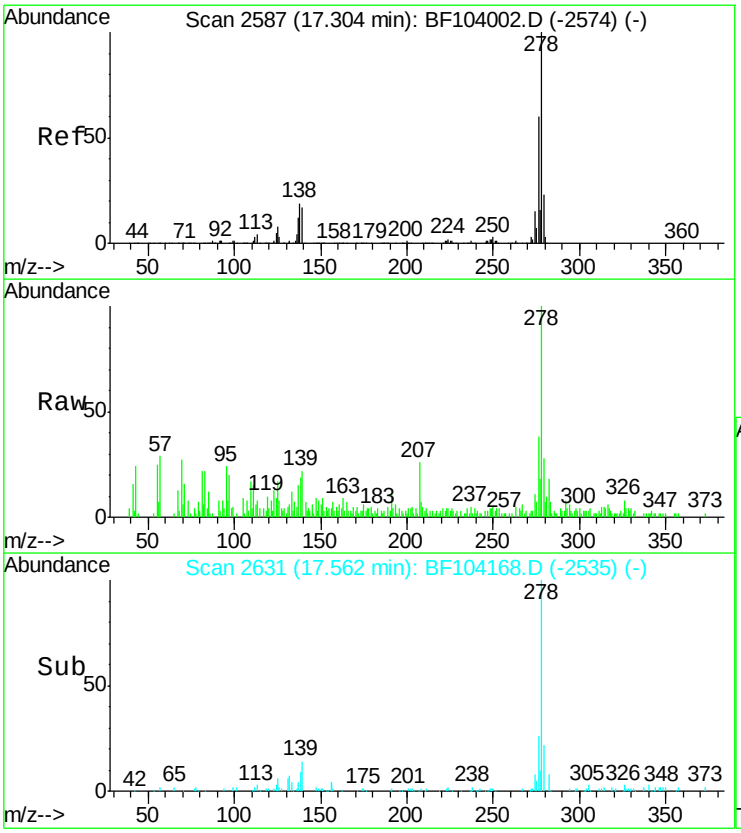
#89
Benzo(a)pyrene
Concen: 65.100 ng
RT: 15.65 min Scan# 2306
Delta R.T. 0.02 min
Lab File: BF104168.D
Acq: 3 Apr 2018 8:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 549716

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.1	25.7
125	11.9	9.8	14.6

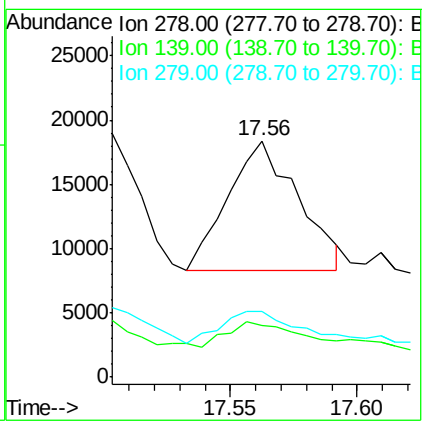


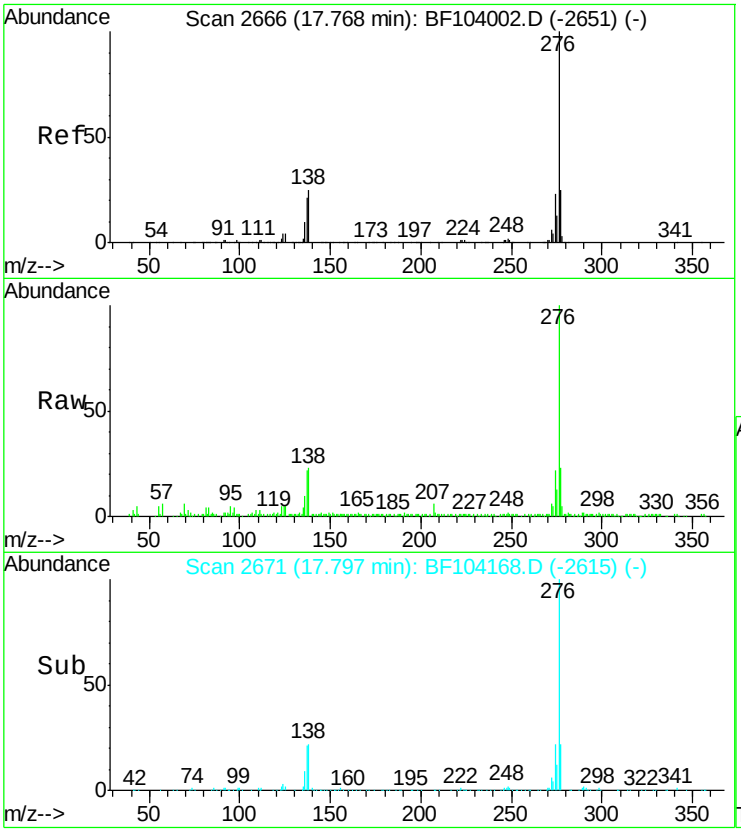


#90
Dibenzo(a,h)anthracene
Concen: 2.469 ng
RT: 17.56 min Scan# 2631
Delta R.T. 0.26 min
Lab File: BF104168.D
Acq: 3 Apr 2018 8:20

Tgt Ion:278 Resp: 19276

Ion	Ratio	Lower	Upper
278	100		
139	21.7	15.9	23.9
279	27.9	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 29.814 ng
RT: 17.80 min Scan# 2671
Delta R.T. 0.03 min
Lab File: BF104168.D
Acq: 3 Apr 2018 8:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 233143

Ion	Ratio	Lower	Upper
276	100		
277	23.4	17.9	26.9
138	22.9	21.8	32.8