Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101401.D
Acq On : 14 Dec 2017 18:56
Operator : SJ/JU
Sample : I6835-01 100X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 14 23:46:17 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 14 15:42:32 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	171874	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	669383	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	309198	20.00	ng		0.00
63) Phenanthrene-d10	11.35	188	576954	20.00	ng		0.00
75) Chrysene-d12	14.00	240	369051	20.00	ng		0.00
86) Perylene-d12	15.46	264	315744	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1158	0.10	ng		0.05
7) Phenol-d6	6.47	99	2113	0.15	ng		0.01
23) Nitrobenzene-d5	7.39	82	1241	0.10	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	492	0.17	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	2504	0.13	ng		0.00
78) Terphenyl-d14	12.92	244	4573	0.30	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.48	94	48086	2.938	ng		99
20) 3+4-Methylphenols	7.24	107	62669	5.297	ng		86
27) 2,4-Dimethylphenol	7.76	122	25944	2.671	ng		91
31) Naphthalene	8.13	128	4337941	128.725	ng		98
32) Benzoic acid	7.90	122	20933	10.629	ng	#	18
33) 4-Chloroaniline	8.13	127	606211	41.389	ng	#	37
35) Caprolactam	8.81	113	19265	5.781	ng	#	1
37) 2-Methylnaphthalene	8.81	142	848848	38.662	ng		99
45) 1,1'-Biphenyl	9.27	154	254372	9.276	ng		97
48) Acenaphthylene	9.72	152	1136256	34.287	ng		99
51) Acenaphthene	9.89	154	201017	10.096	ng		99
52) 3-Nitroaniline	10.06	138	13976	2.218	ng	#	10
54) Dibenzofuran	10.06	168	842777	33.308	ng		99
55) 4-Nitrophenol	10.06	139	322781	117.461	ng	#	10
57) Fluorene	10.40	166	961908	44.939	ng		99
70) Phenanthrene	11.38	178	2485010	77.450	ng		99
71) Anthracene	11.43	178	1123019	34.265	ng		99
72) Carbazole	11.58	167	481349	15.687	ng		99
74) Fluoranthene	12.57	202	1878524	55.779	ng		98
77) Pyrene	12.80	202	1486180	53.658	ng		99
80) Benzo(a)anthracene	13.99	228	719704	29.534	ng		93
82) Chrysene	14.02	228	533605	23.191	ng		97
85) Indeno(1,2,3-cd)pyrene	16.94	276	191227	9.333	ng	#	93
87) Benzo(b)fluoranthene	15.04	252	667218	34.669	ng		97
88) Benzo(k)fluoranthene	15.04	252	667218	35.658	ng		99
89) Benzo(a)pyrene	15.40	252	378721	21.347	ng		97
90) Dibenzo(a,h)anthracene	16.74	278	32009	2.101	ng		95
91) Benzo(g,h,i)perylene	17.39	276	168141	11.147	ng		95

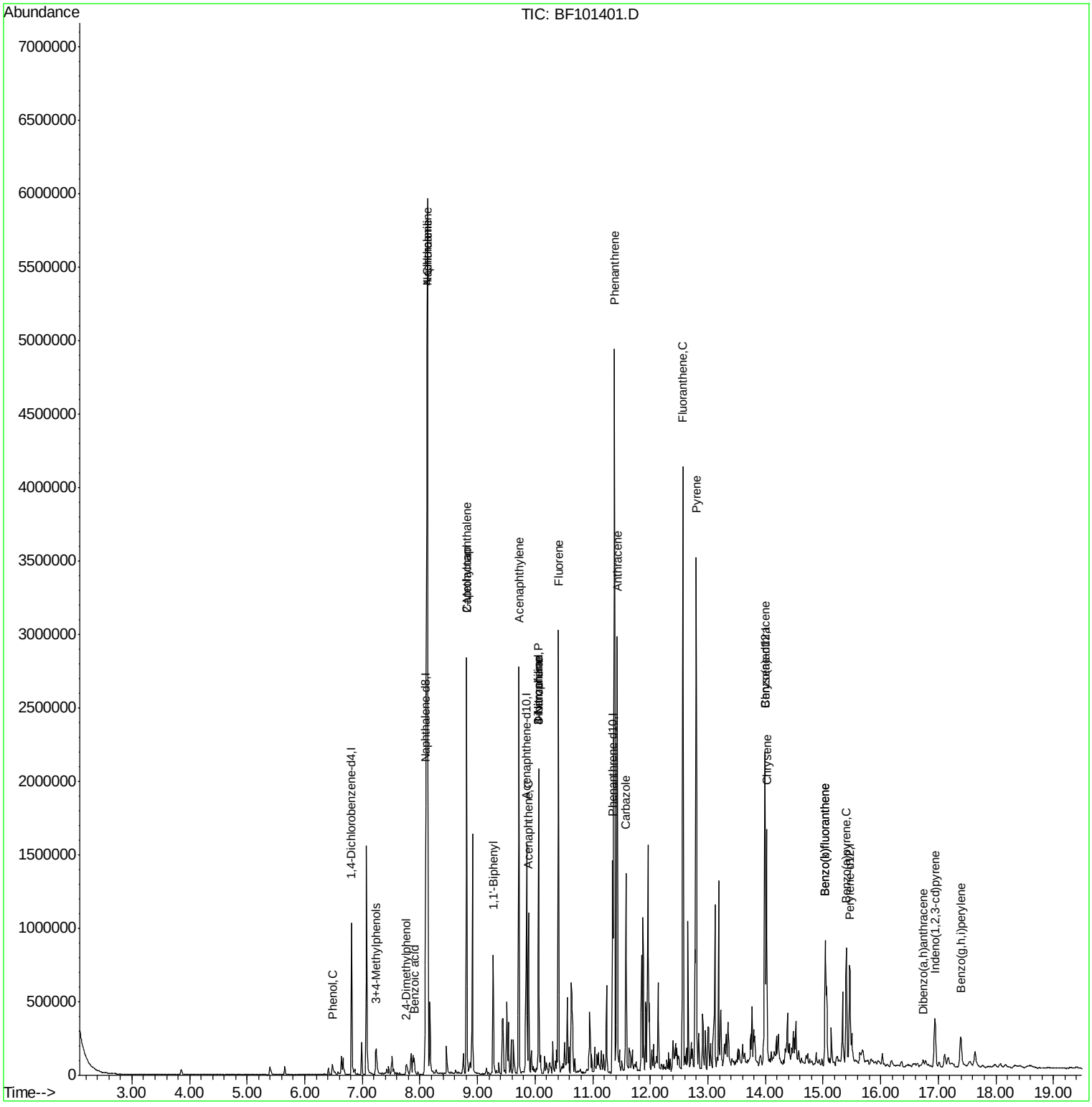
(#) = qualifier out of range (m) = manual integration (+) = signals summed

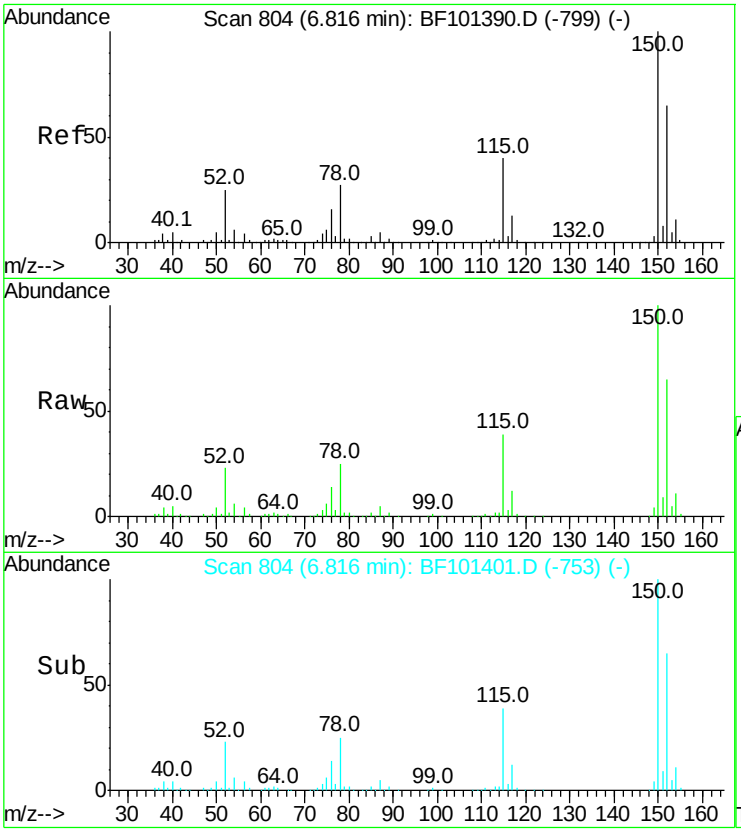
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101401.D
Acq On : 14 Dec 2017 18:56
Operator : SJ/JU
Sample : I6835-01 100X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 14 23:46:17 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 14 15:42:32 2017
Response via : Initial Calibration



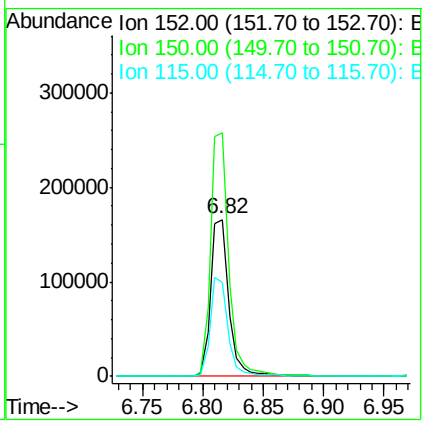


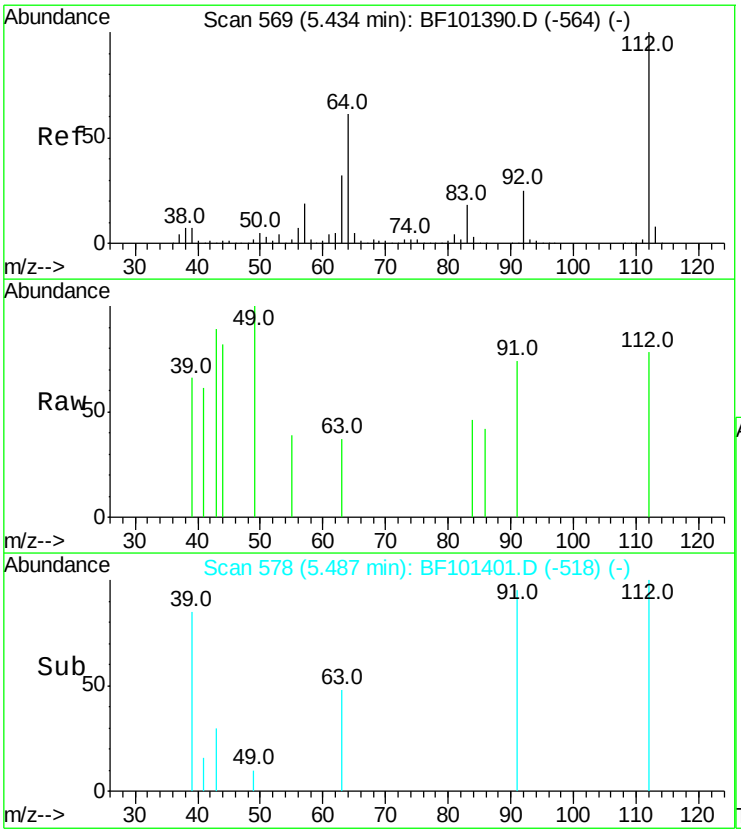
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF101401.D
Acq: 14 Dec 2017 18:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 171874

Ion	Ratio	Lower	Upper
152	100		
150	155.0	124.6	186.8
115	59.7	50.1	75.1

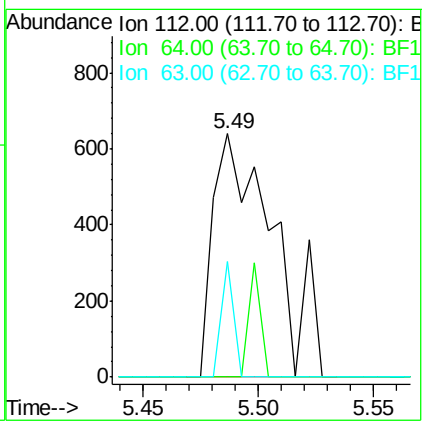


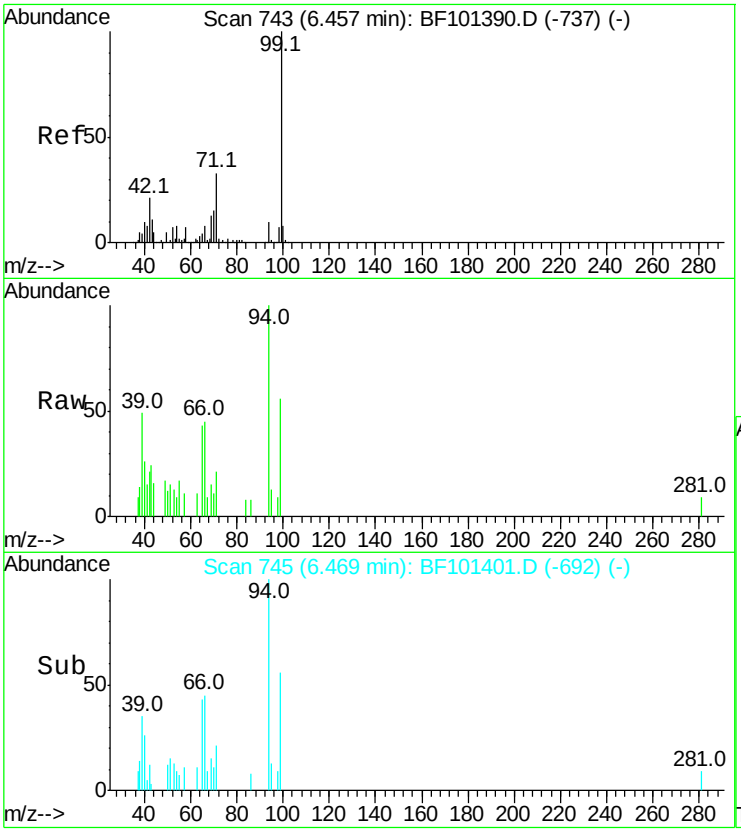


#5
2-Fluorophenol
Concen: 0.100 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.05 min
Lab File: BF101401.D
Acq: 14 Dec 2017 18:56

Tgt Ion:112 Resp: 1158

Ion	Ratio	Lower	Upper
112	100		
64	0.0	47.9	71.9#
63	47.5	23.7	35.5#



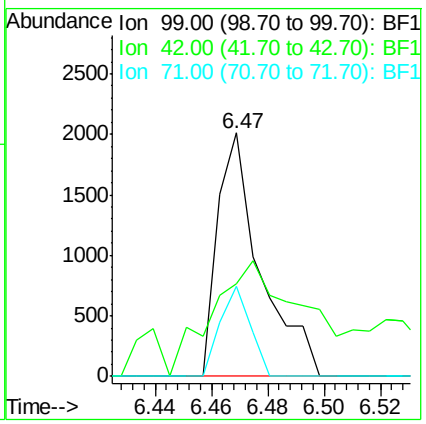


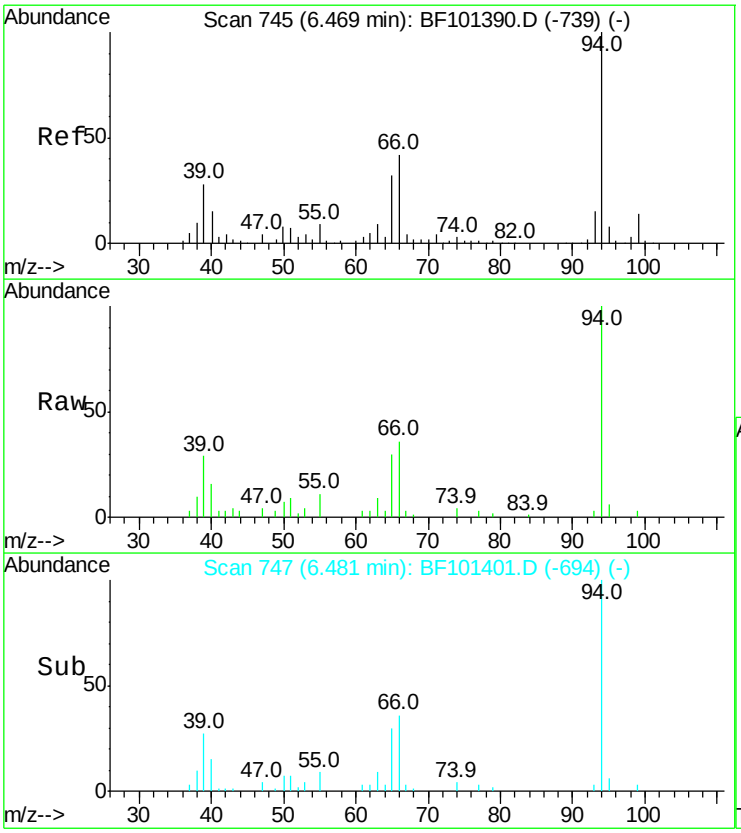
#7
Phenol-d6
Concen: 0.147 ng
RT: 6.47 min Scan# 745
Delta R.T. 0.01 min
Lab File: BF101401.D
Acq: 14 Dec 2017 18:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 2113

Ion	Ratio	Lower	Upper
99	100		
42	38.0	14.5	21.7#
71	37.1	25.4	38.0

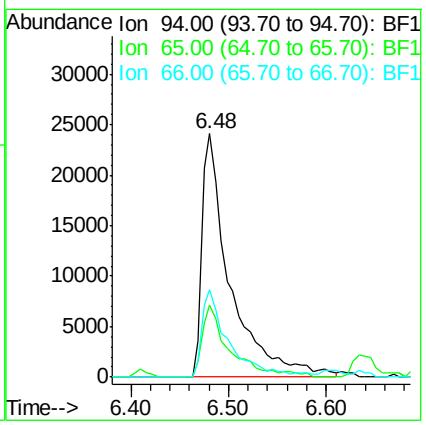


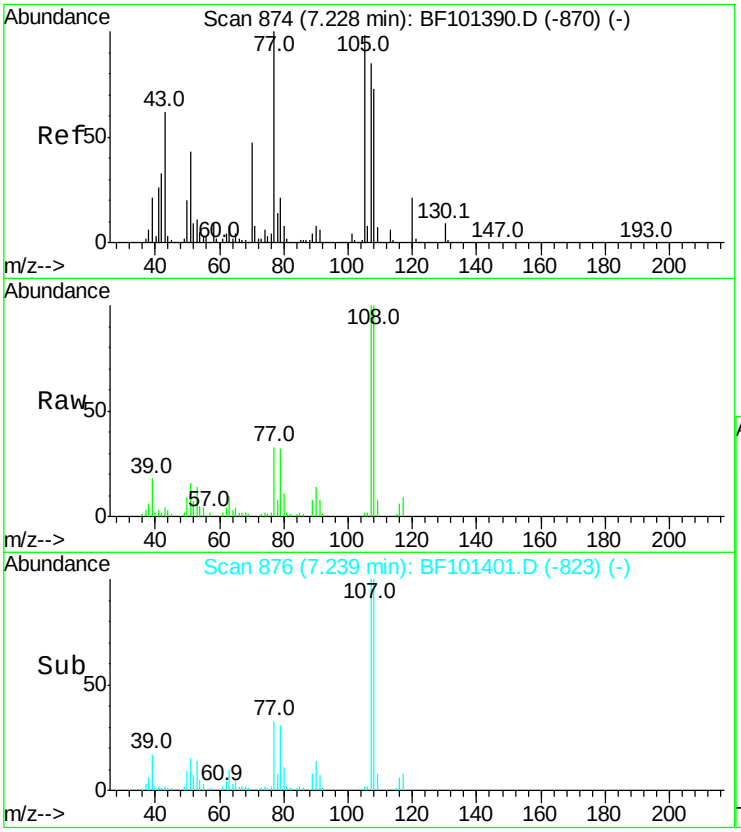


#10
Phenol
Concen: 2.938 ng
RT: 6.48 min Scan# 747
Delta R.T. 0.01 min
Lab File: BF101401.D
Acq: 14 Dec 2017 18:56

Tgt Ion: 94 Resp: 48086

Ion	Ratio	Lower	Upper
94	100		
65	29.6	7.9	47.9
66	36.2	16.2	56.2



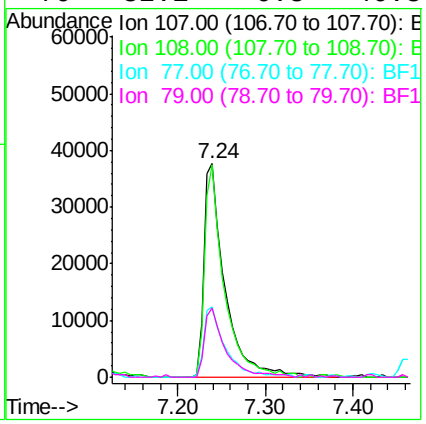


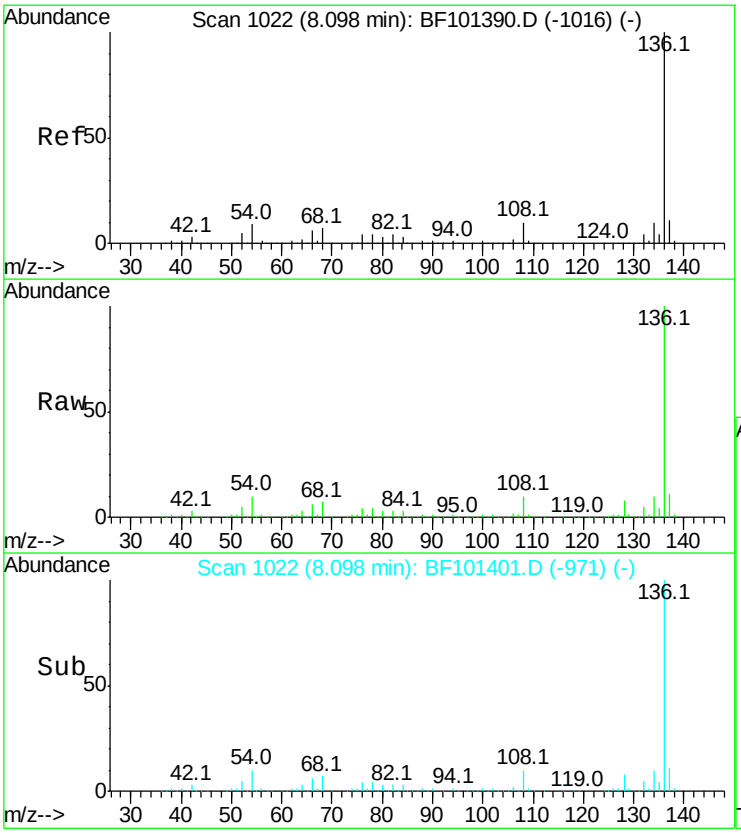
#20
3+4-Methylphenols
Concen: 5.297 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.01 min
Lab File: BF101401.D
Acq: 14 Dec 2017 18:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:107 Resp: 62669

Ion	Ratio	Lower	Upper
107	100		
108	99.6	68.2	108.2
77	33.0	26.7	66.7
79	32.1	6.3	46.3

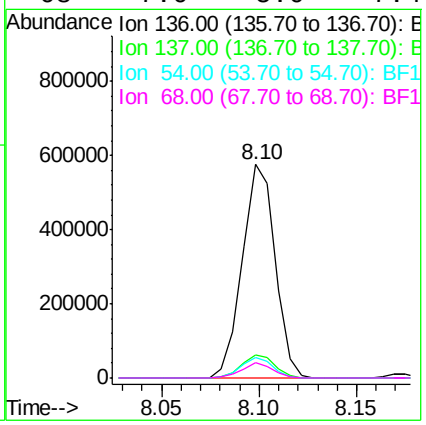


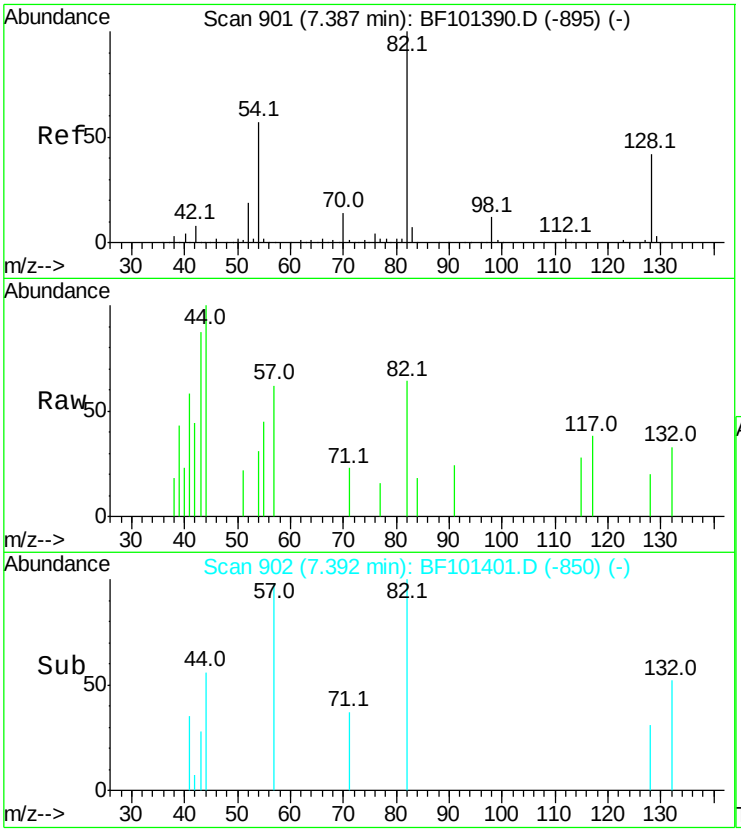


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF101401.D
Acq: 14 Dec 2017 18:56

Tgt Ion:136 Resp: 669383

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	9.7	6.6	9.8
68	7.0	5.0	7.4



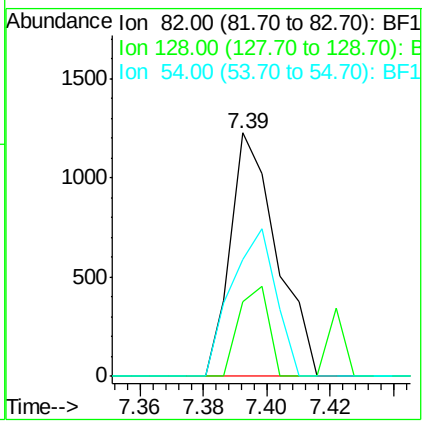


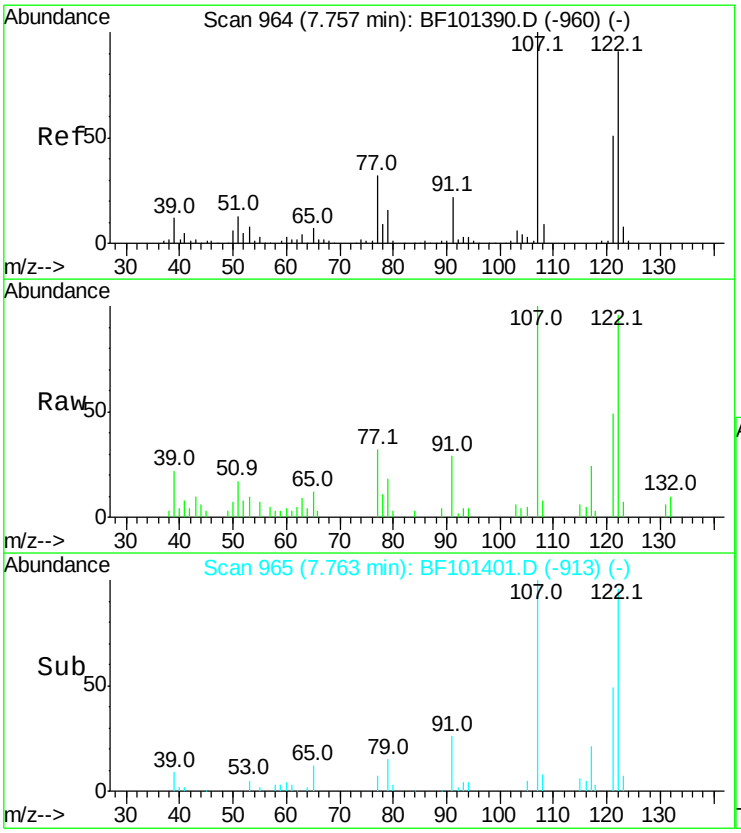
#23
Nitrobenzene-d5
Concen: 0.103 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.01 min
Lab File: BF101401.D
Acq: 14 Dec 2017 18:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1241

Ion	Ratio	Lower	Upper
82	100		
128	30.7	36.1	54.1#
54	48.0	41.4	62.2

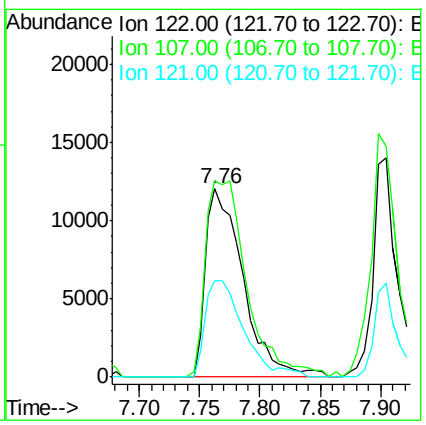


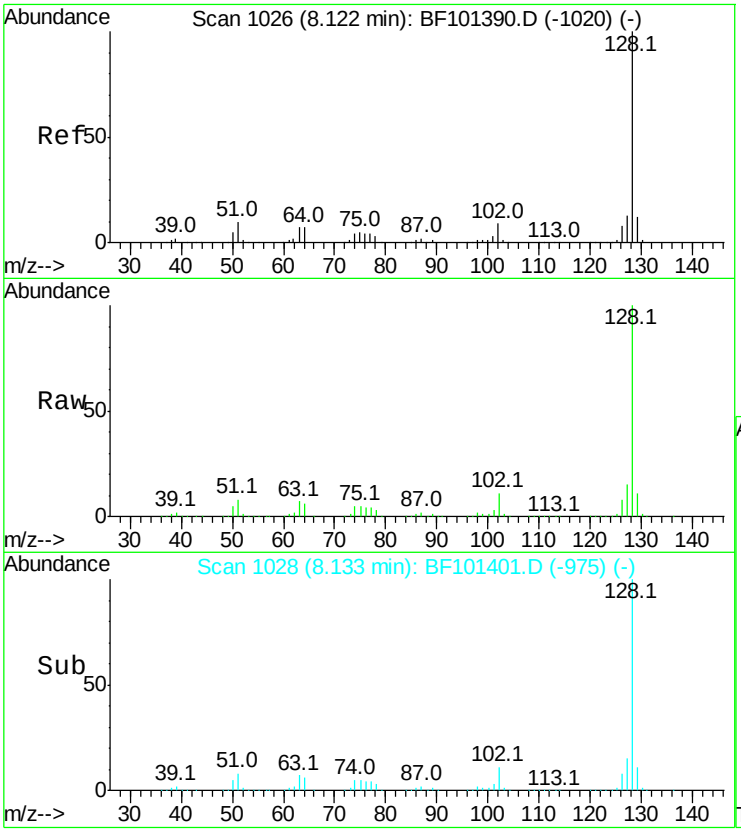


#27
2,4-Dimethylphenol
Concen: 2.671 ng
RT: 7.76 min Scan# 965
Delta R.T. 0.01 min
Lab File: BF101401.D
Acq: 14 Dec 2017 18:56

Tgt Ion:122 Resp: 25944

Ion	Ratio	Lower	Upper
122	100		
107	104.5	91.2	136.8
121	51.5	47.2	70.8



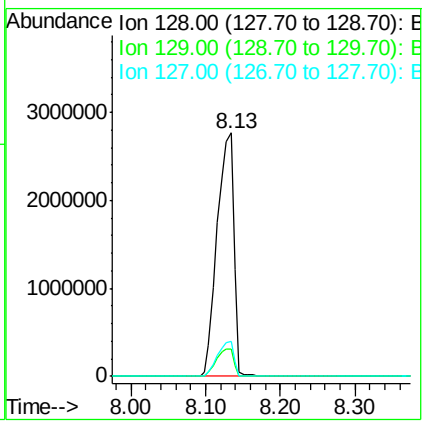


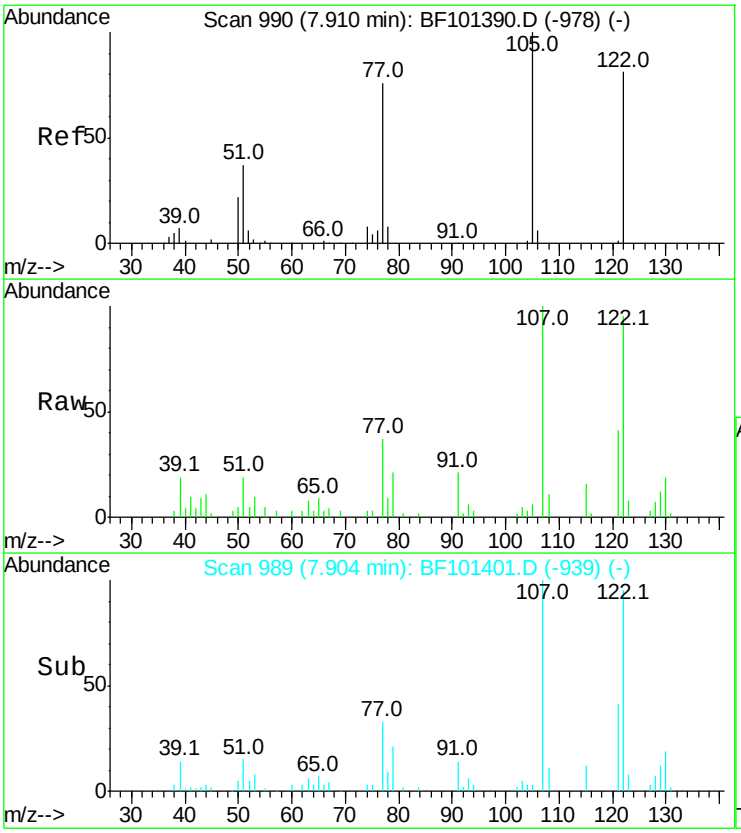
#31
Naphthalene
Concen: 128.725 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.01 min
Lab File: BF101401.D
Acq: 14 Dec 2017 18:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 4337941

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.8	13.2
127	14.6	10.9	16.3

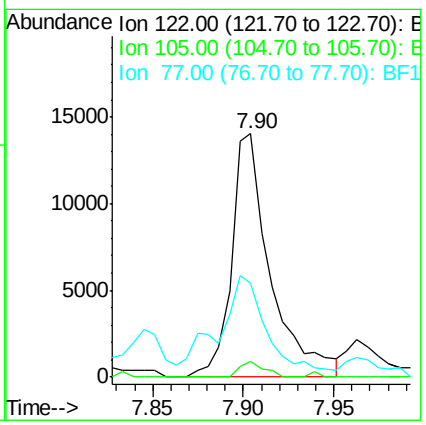


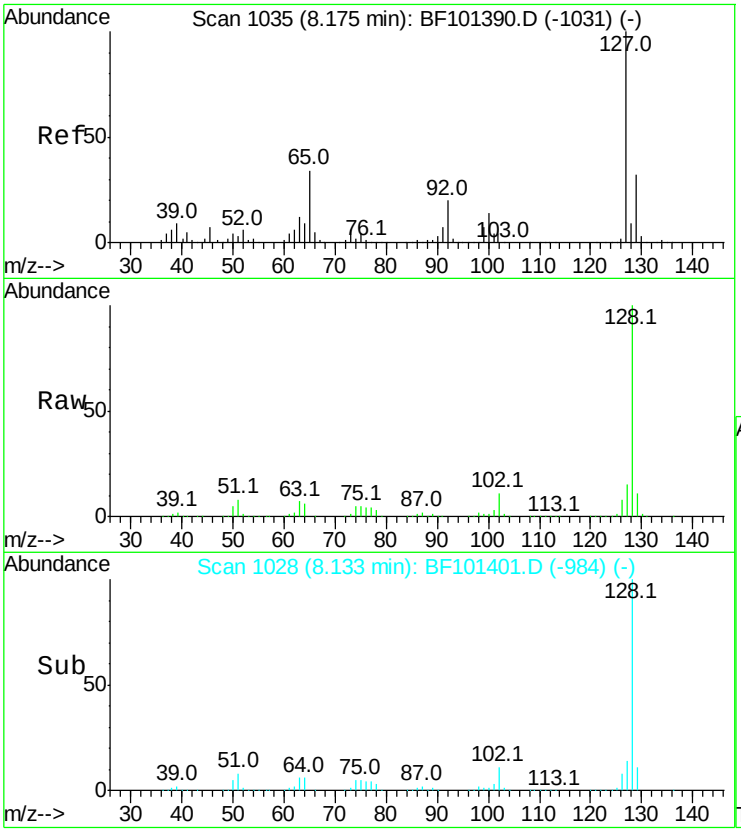


#32
Benzoic acid
Concen: 10.629 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF101401.D
Acq: 14 Dec 2017 18:56

Tgt Ion:122 Resp: 20933

Ion	Ratio	Lower	Upper
122	100		
105	6.3	101.1	141.1#
77	38.5	70.7	110.7#



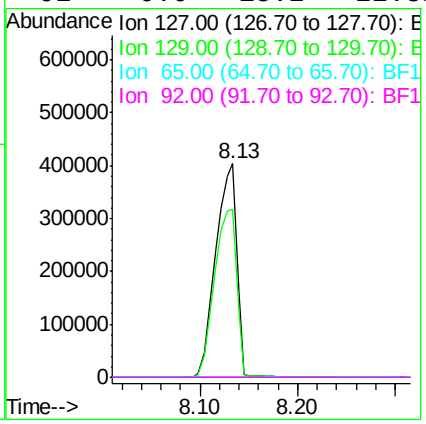


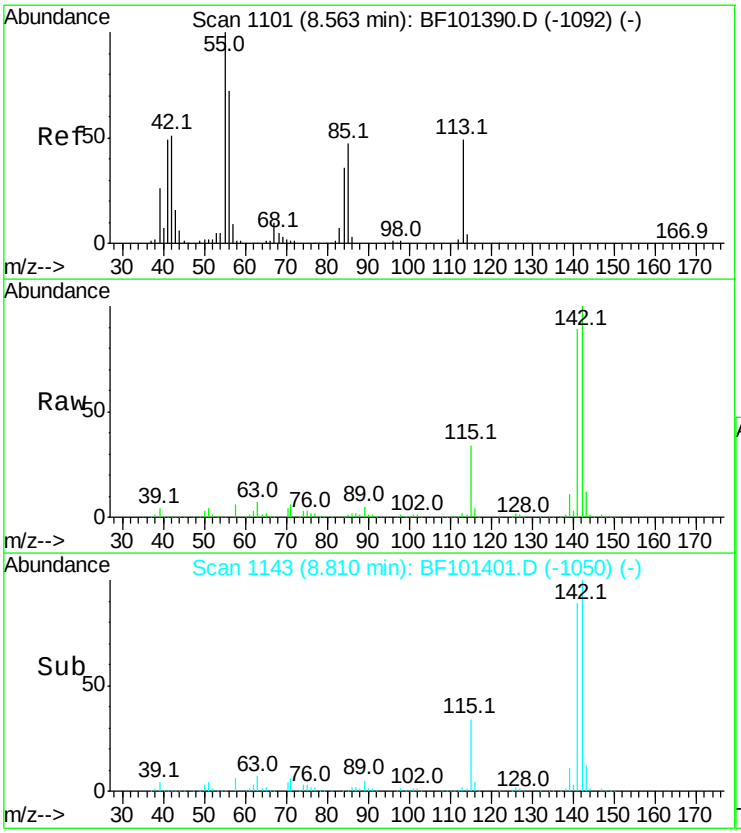
#33
4-Chloroaniline
Concen: 41.389 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.04 min
Lab File: BF101401.D
Acq: 14 Dec 2017 18:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:127 Resp: 606211

Ion	Ratio	Lower	Upper
127	100		
129	78.4	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#

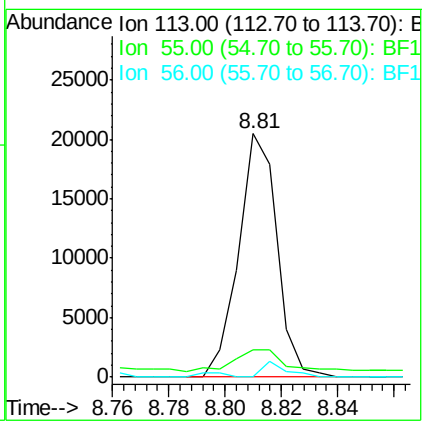


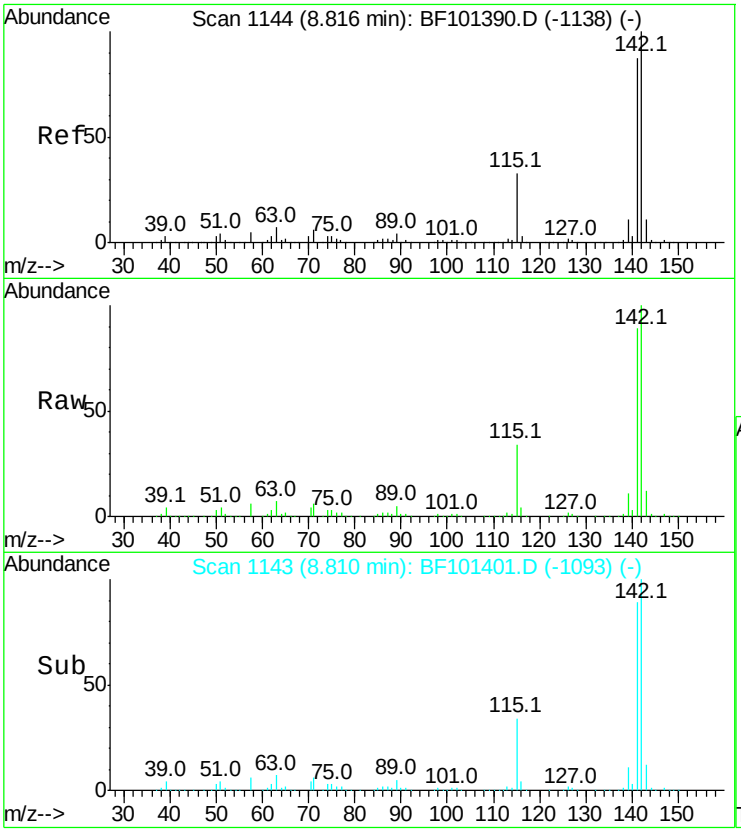


#35
Caprolactam
Concen: 5.781 ng
RT: 8.81 min Scan# 1143
Delta R.T. 0.25 min
Lab File: BF101401.D
Acq: 14 Dec 2017 18:56

Tgt Ion:113 Resp: 19265

Ion	Ratio	Lower	Upper
113	100		
55	11.3	163.3	203.3#
56	0.0	115.7	155.7#



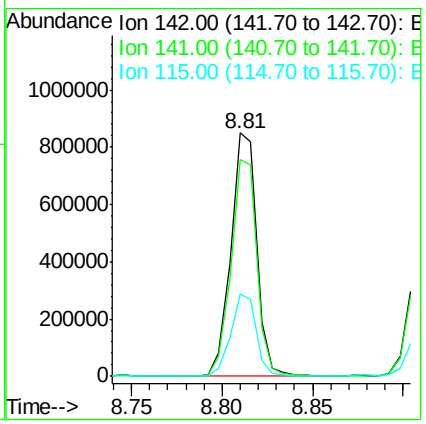


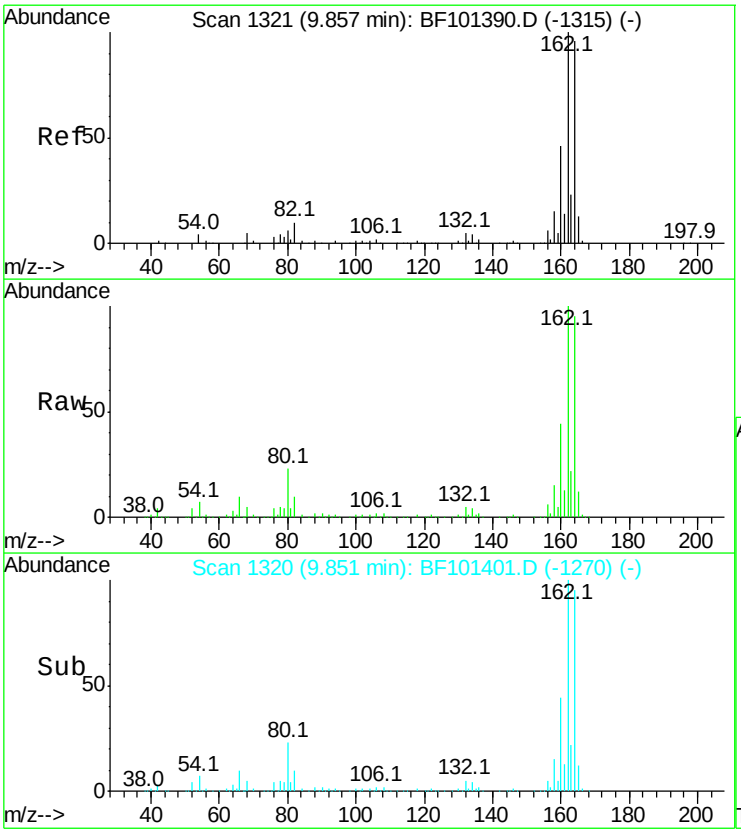
#37
2-Methylnaphthalene
Concen: 38.662 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF101401.D
Acq: 14 Dec 2017 18:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 848848

Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.8	106.2
115	34.0	26.1	39.1

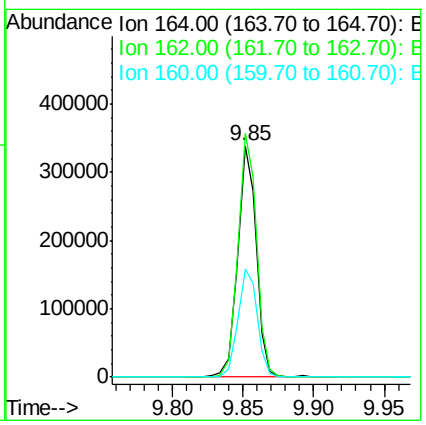


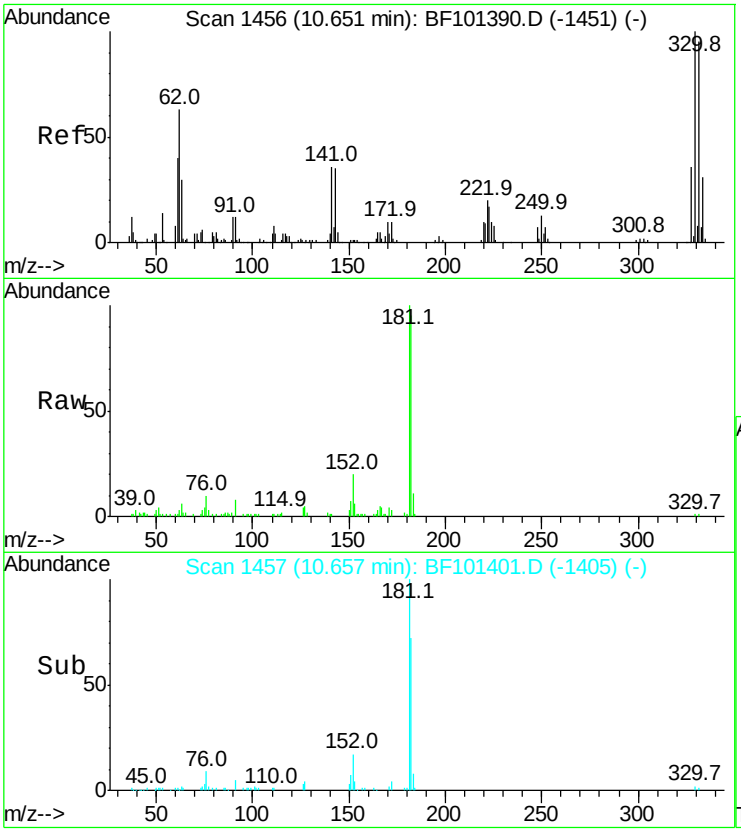


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF101401.D
Acq: 14 Dec 2017 18:56

Tgt Ion:164 Resp: 309198

Ion	Ratio	Lower	Upper
164	100		
162	105.3	86.1	129.1
160	46.6	38.3	57.5



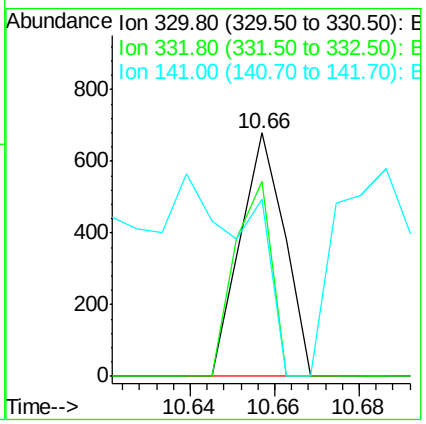


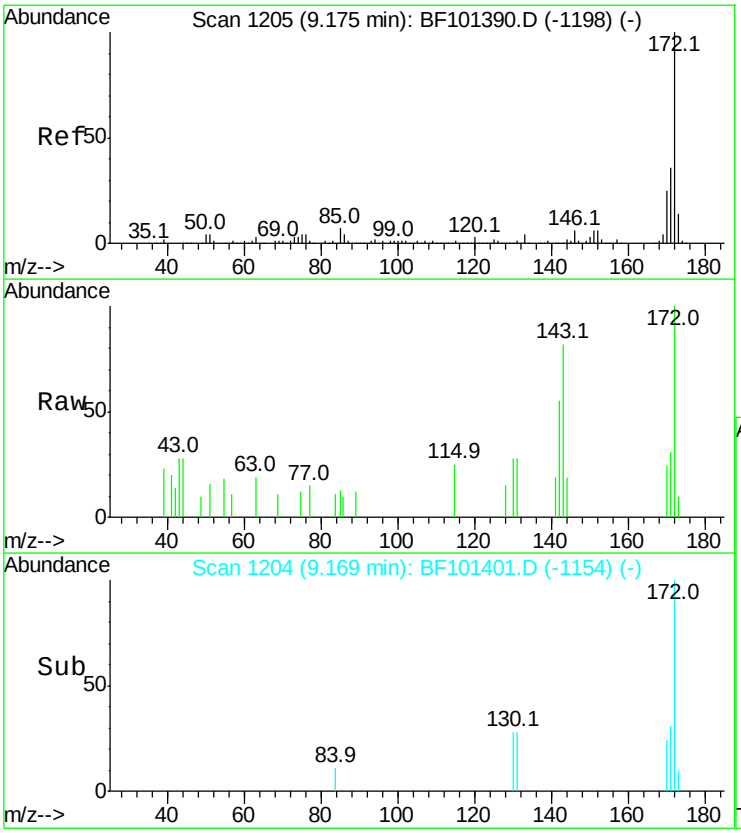
#41
2,4,6-Tribromophenol
Concen: 0.165 ng
RT: 10.66 min Scan# 1457
Delta R.T. 0.01 min
Lab File: BF101401.D
Acq: 14 Dec 2017 18:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 492

Ion	Ratio	Lower	Upper
330	100		
332	66.5	77.0	115.6#
141	0.0	29.9	44.9#

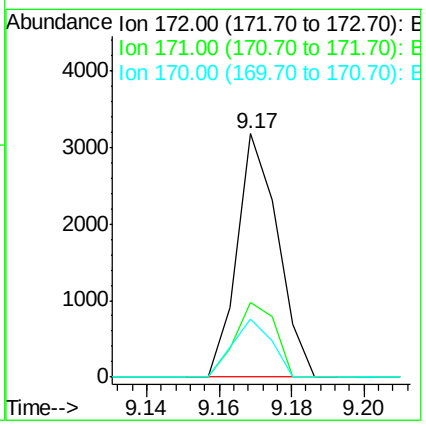


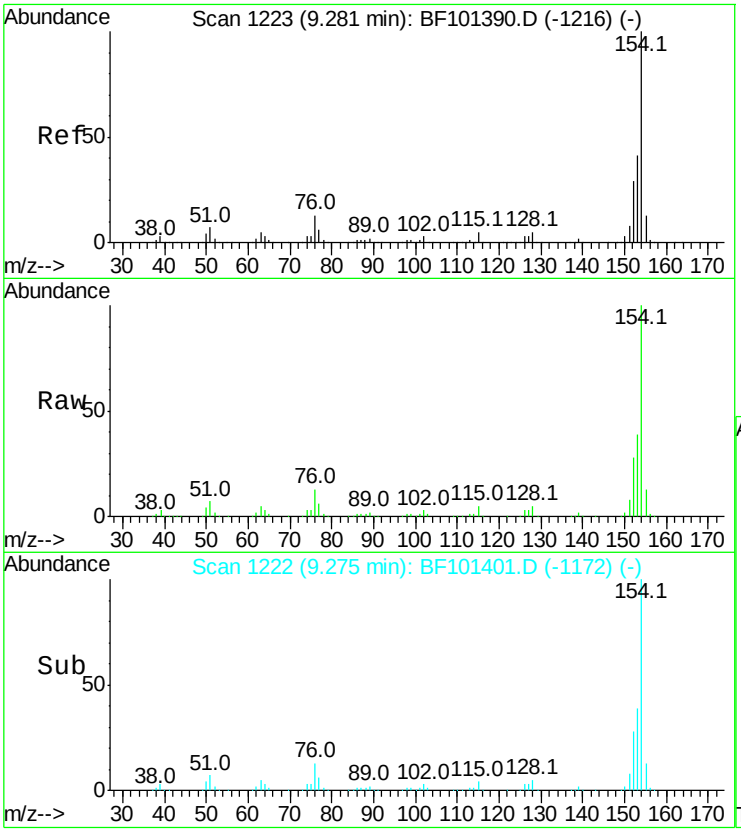


#44
2-Fluorobiphenyl
Concen: 0.126 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF101401.D
Acq: 14 Dec 2017 18:56

Tgt Ion:172 Resp: 2504

Ion	Ratio	Lower	Upper
172	100		
171	30.5	29.7	44.5
170	23.7	19.6	29.4



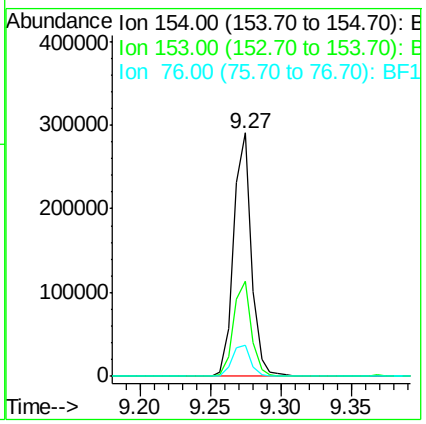


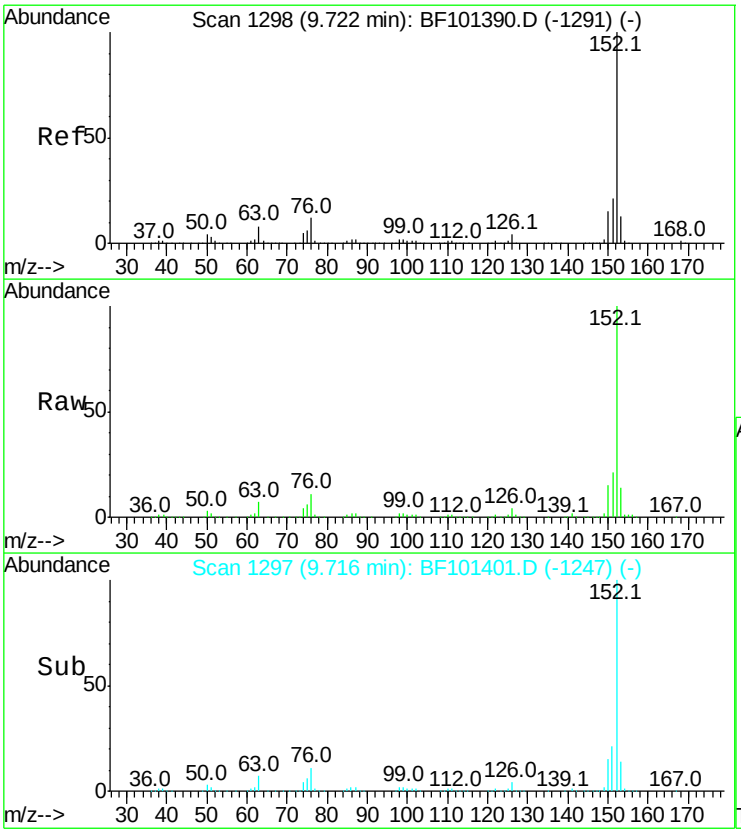
#45
1,1'-Biphenyl
Concen: 9.276 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BF101401.D
Acq: 14 Dec 2017 18:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 254372

Ion	Ratio	Lower	Upper
154	100		
153	39.1	21.3	61.3
76	12.8	0.0	34.0

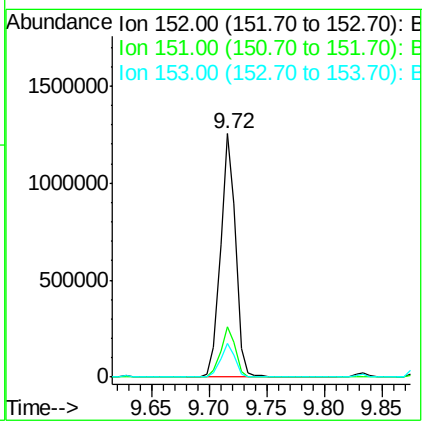


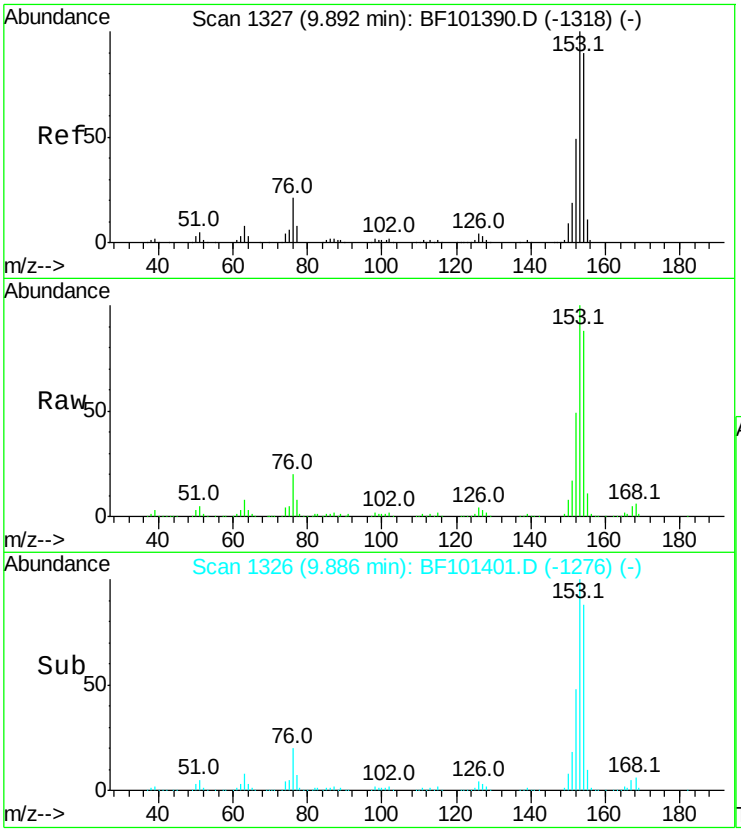


#48
Acenaphthylene
Concen: 34.287 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF101401.D
Acq: 14 Dec 2017 18:56

Tgt Ion:152 Resp: 1136256

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.3	24.5
153	13.6	10.7	16.1



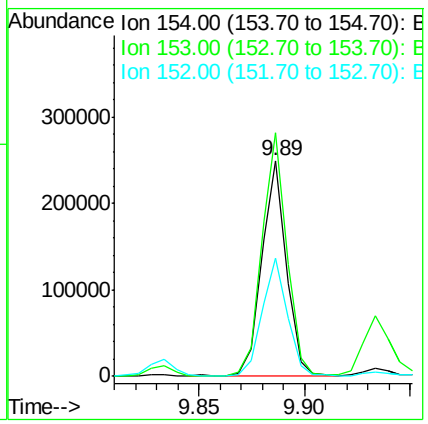


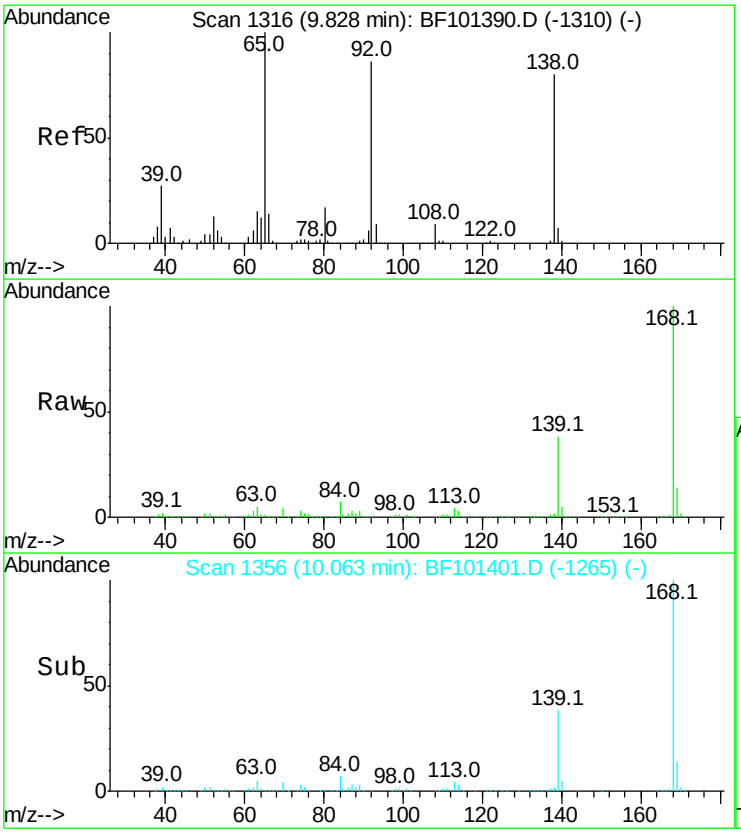
#51
Acenaphthene
Concen: 10.096 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF101401.D
Acq: 14 Dec 2017 18:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 201017

Ion	Ratio	Lower	Upper
154	100		
153	113.0	91.2	136.8
152	54.9	43.8	65.8

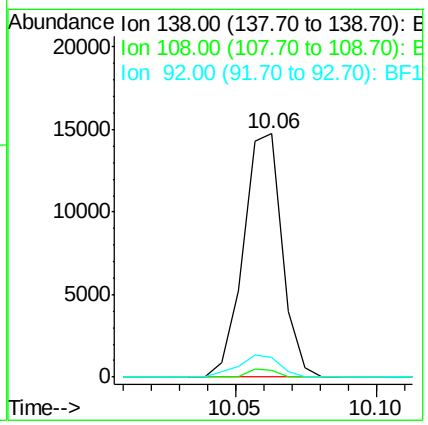


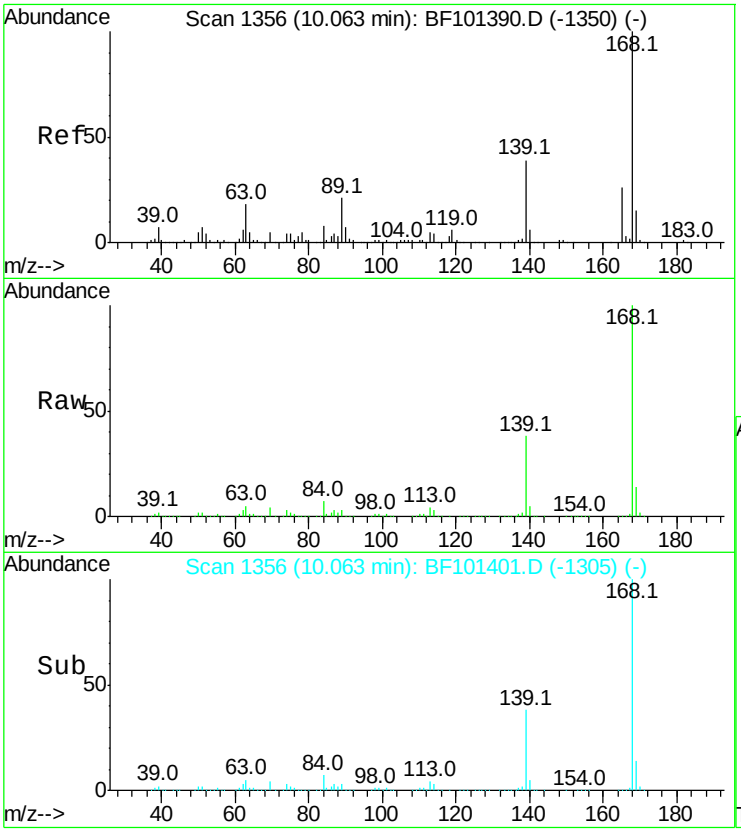


#52
3-Nitroaniline
Concen: 2.218 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.24 min
Lab File: BF101401.D
Acq: 14 Dec 2017 18:56

Tgt Ion:138 Resp: 13976

Ion	Ratio	Lower	Upper
138	100		
108	2.9	9.4	14.0#
92	8.2	89.4	134.2#



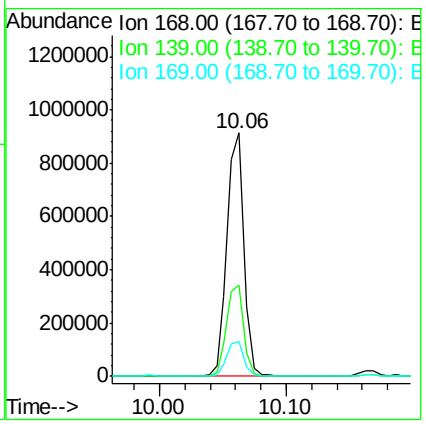


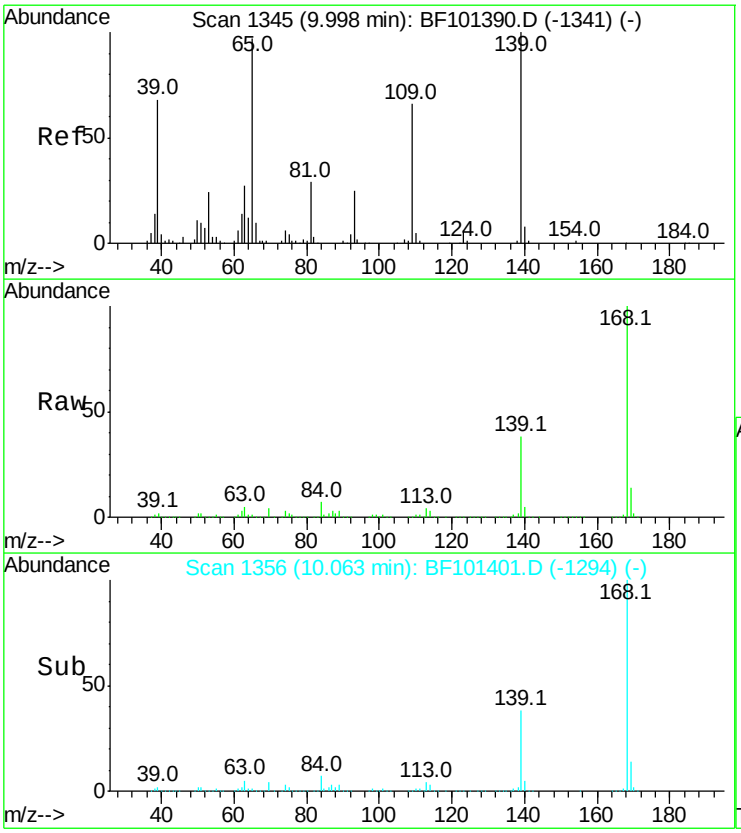
#54
Dibenzofuran
Concen: 33.308 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.00 min
Lab File: BF101401.D
Acq: 14 Dec 2017 18:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 842777

Ion	Ratio	Lower	Upper
168	100		
139	37.7	30.1	45.1
169	14.2	10.9	16.3

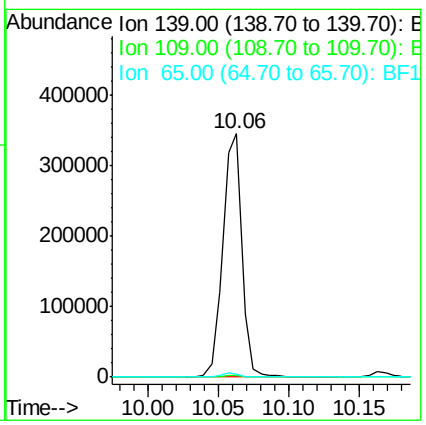


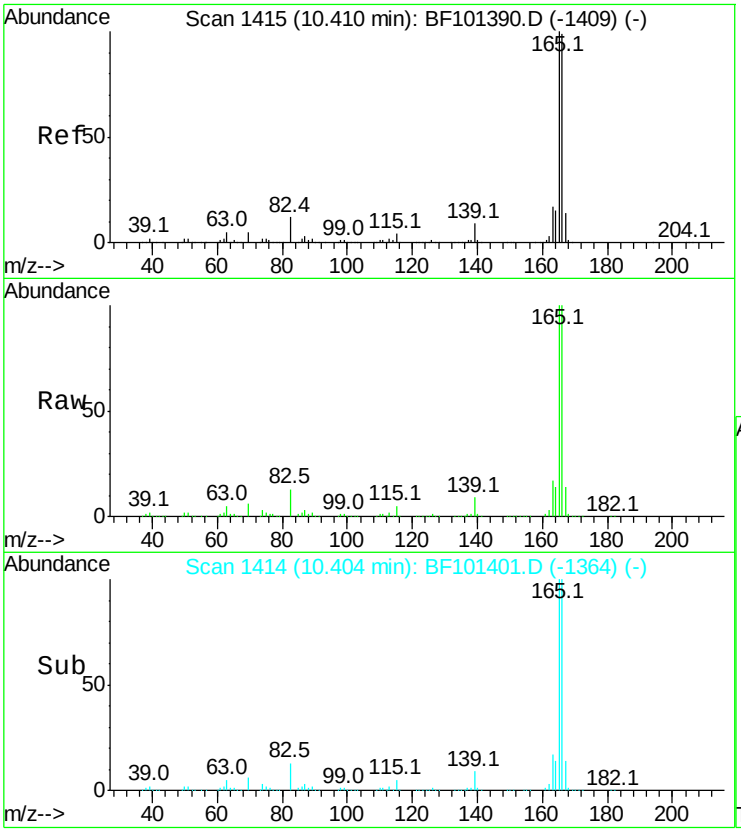


#55
4-Nitrophenol
Concen: 117.461 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.06 min
Lab File: BF101401.D
Acq: 14 Dec 2017 18:56

Tgt Ion:139 Resp: 322781

Ion	Ratio	Lower	Upper
139	100		
109	0.8	48.4	88.4#
65	1.4	72.6	112.6#



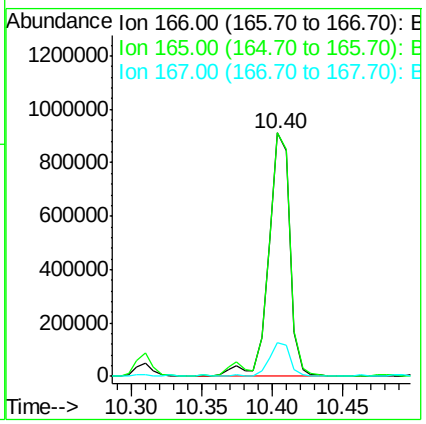


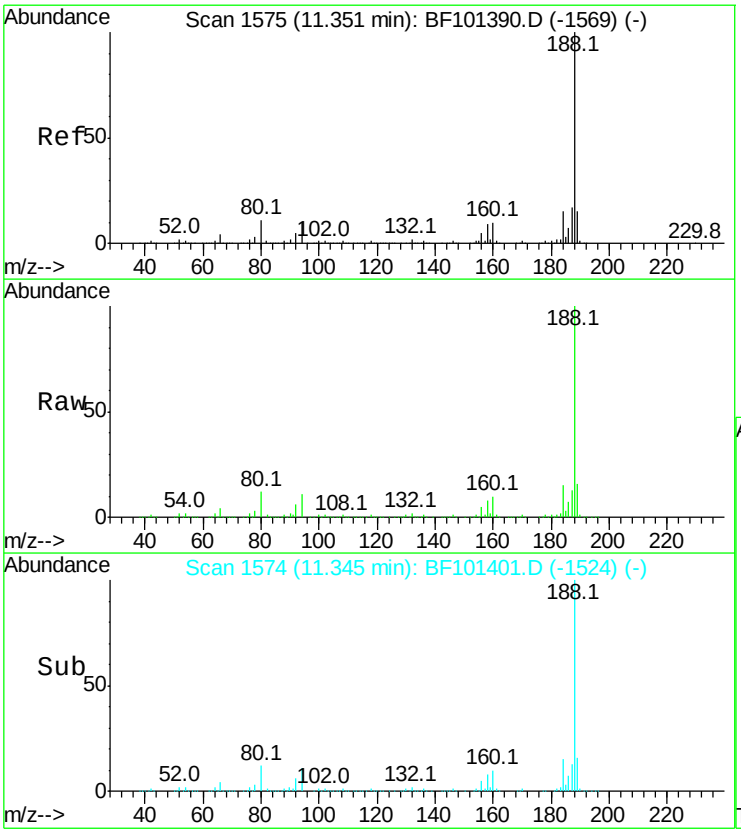
#57
Fluorene
Concen: 44.939 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BF101401.D
Acq: 14 Dec 2017 18:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 961908

Ion	Ratio	Lower	Upper
166	100		
165	100.2	79.8	119.8
167	13.9	10.6	16.0

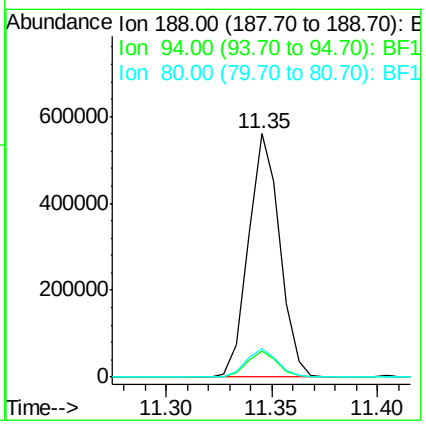


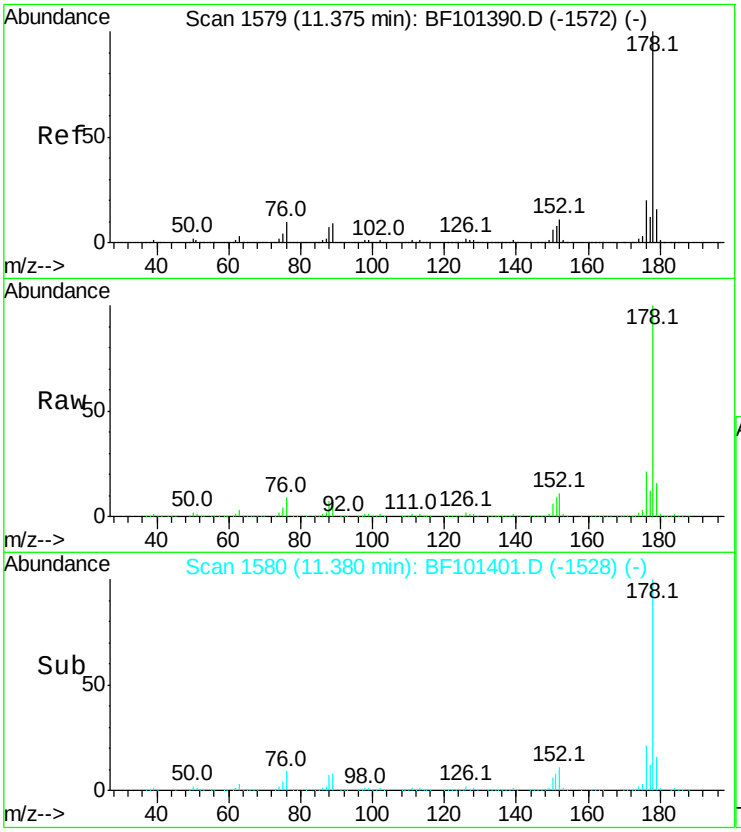


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF101401.D
Acq: 14 Dec 2017 18:56

Tgt Ion:188 Resp: 576954

Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.5	12.7
80	11.7	9.2	13.8



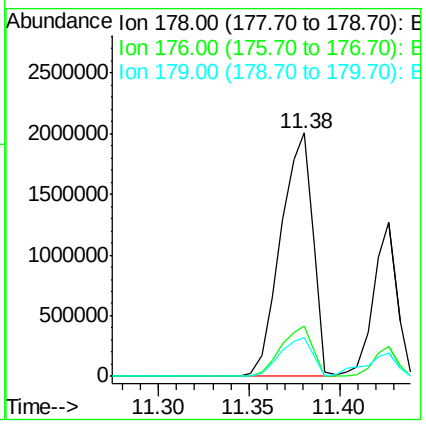


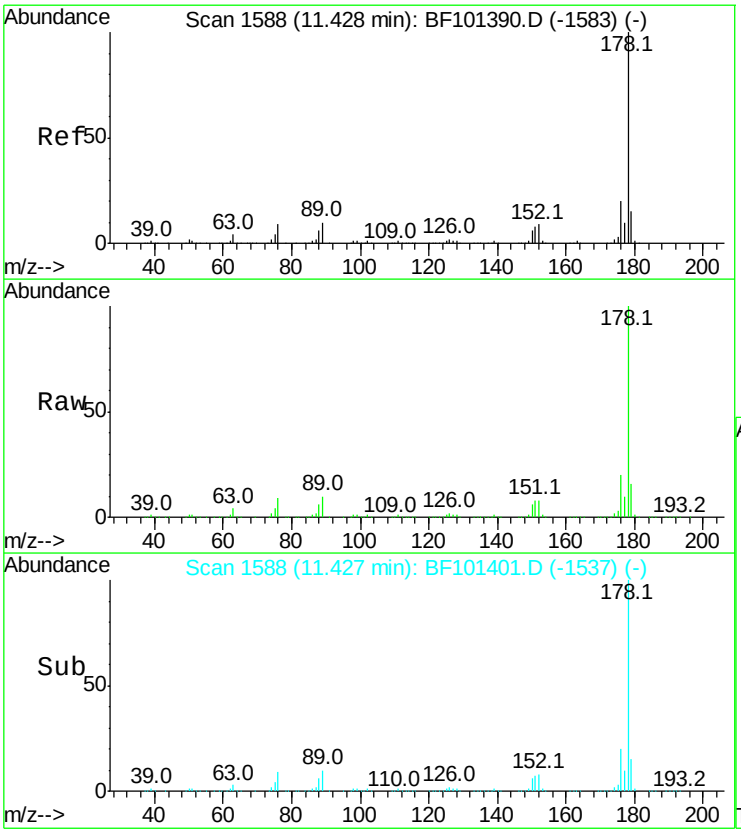
#70
Phenanthrene
Concen: 77.450 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.01 min
Lab File: BF101401.D
Acq: 14 Dec 2017 18:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 2485010

Ion	Ratio	Lower	Upper
178	100		
176	20.8	15.8	23.8
179	16.1	13.0	19.6

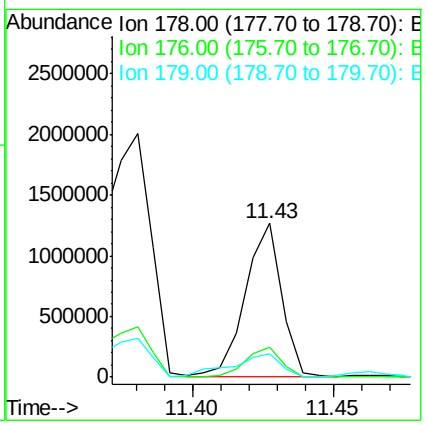


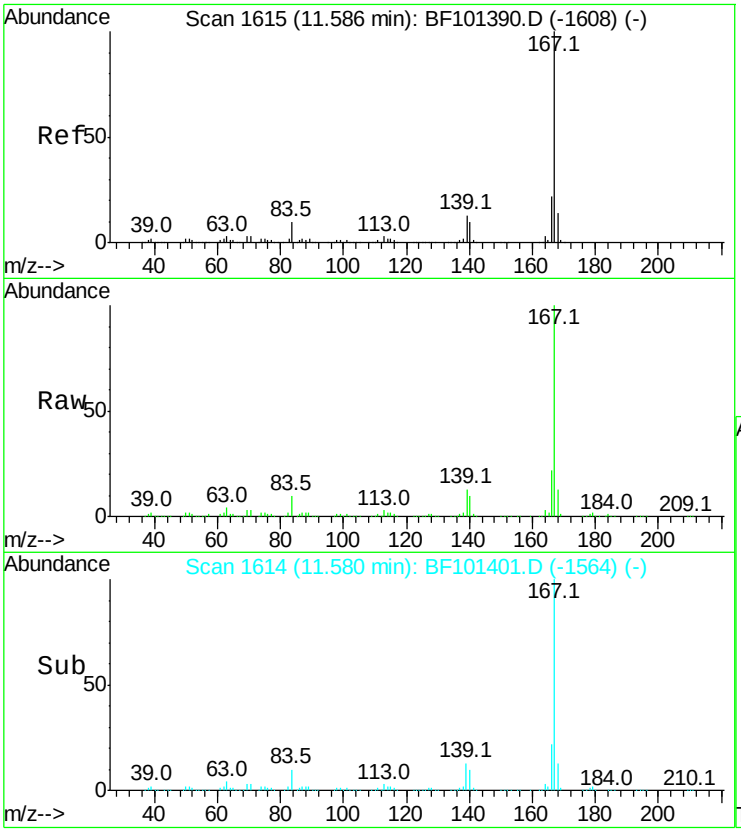


#71
Anthracene
Concen: 34.265 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.00 min
Lab File: BF101401.D
Acq: 14 Dec 2017 18:56

Tgt Ion:178 Resp: 1123019

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.4	23.2
179	15.5	12.6	19.0



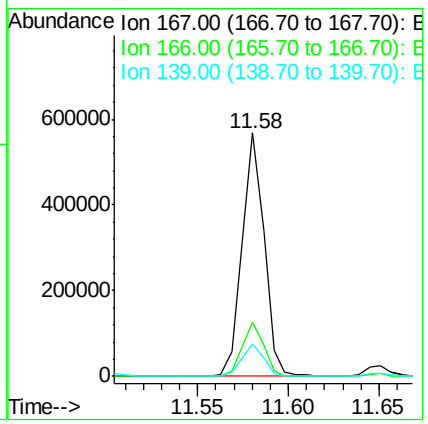


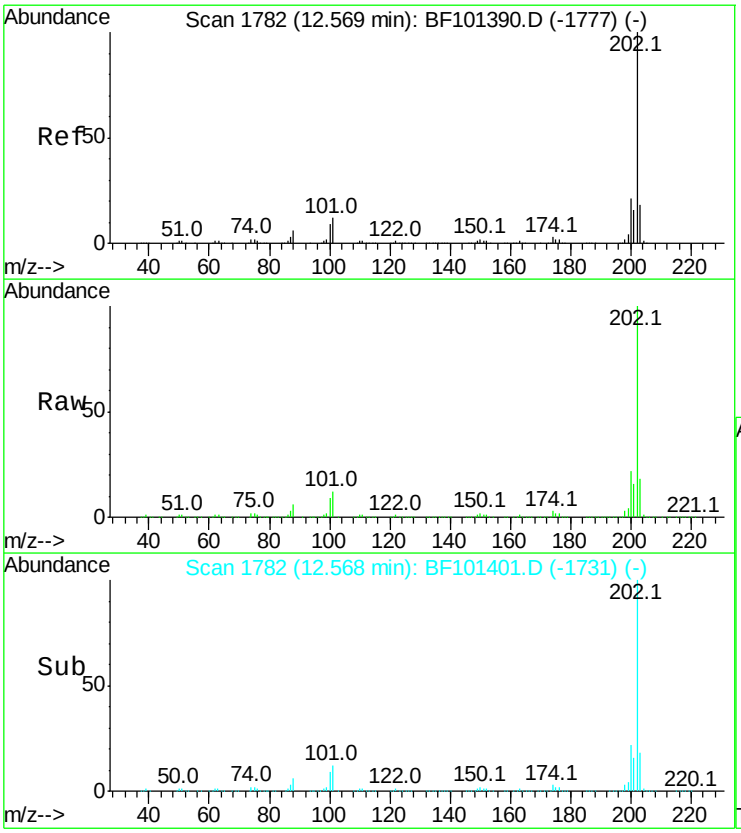
#72
Carbazole
Concen: 15.687 ng
RT: 11.58 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BF101401.D
Acq: 14 Dec 2017 18:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 481349

Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.6	26.4
139	13.2	10.9	16.3

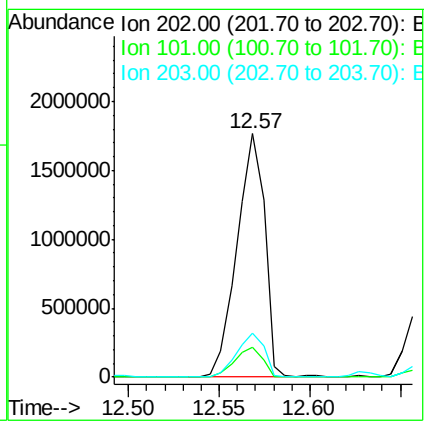


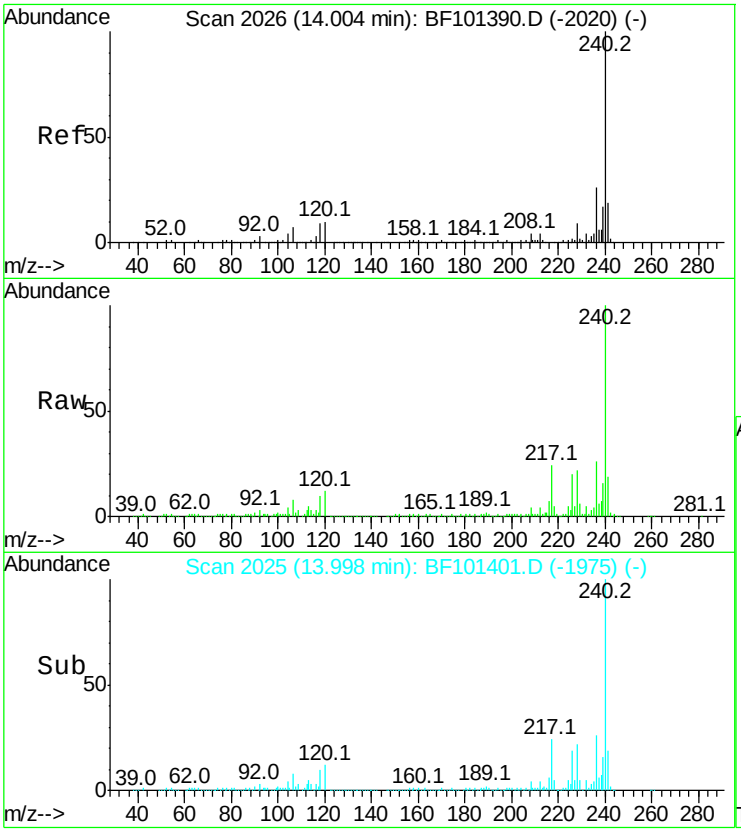


#74
Fluoranthene
Concen: 55.779 ng
RT: 12.57 min Scan# 1782
Delta R.T. -0.00 min
Lab File: BF101401.D
Acq: 14 Dec 2017 18:56

Tgt Ion:202 Resp: 1878524

Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	34.1
203	18.0	0.0	38.1



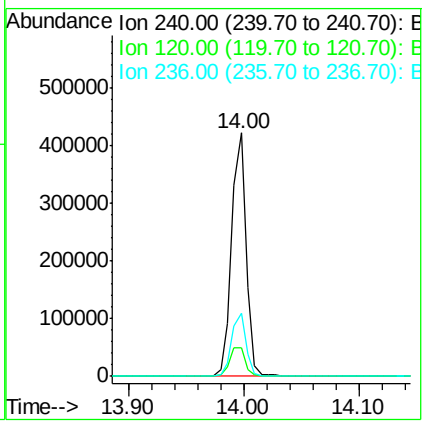


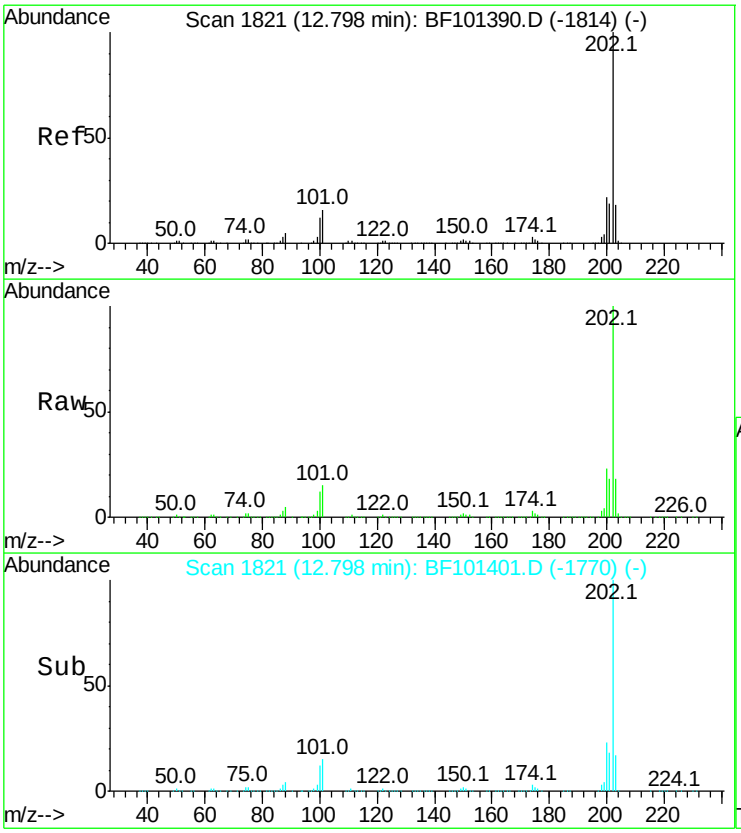
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF101401.D
Acq: 14 Dec 2017 18:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 369051

Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.5	14.3
236	26.0	20.7	31.1

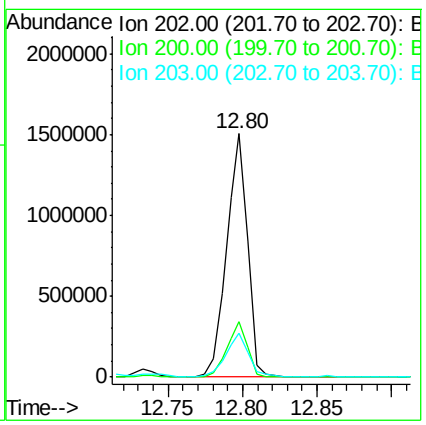


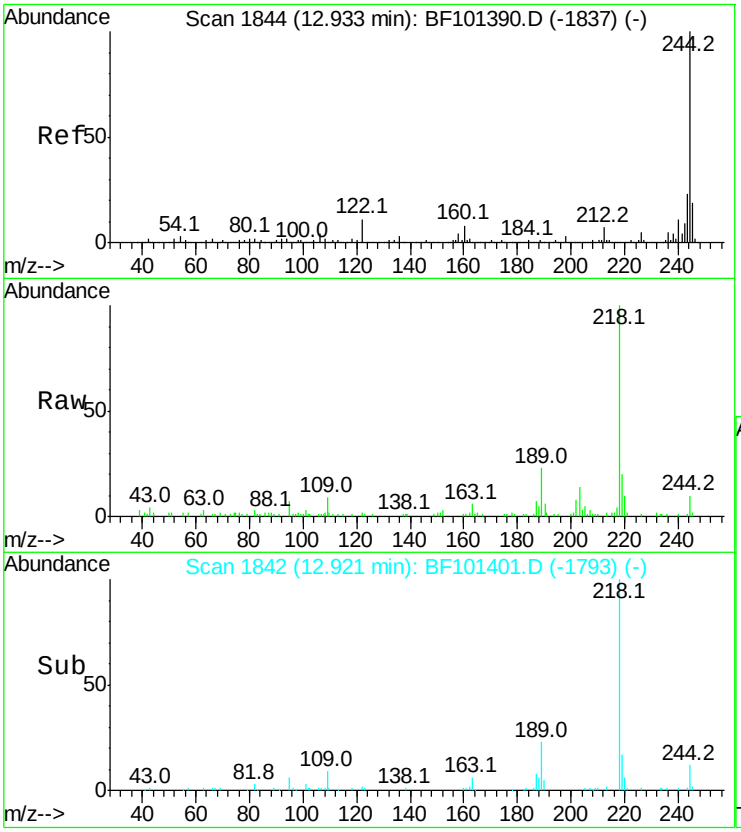


#77
Pyrene
Concen: 53.658 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.00 min
Lab File: BF101401.D
Acq: 14 Dec 2017 18:56

Tgt Ion:202 Resp: 1486180

Ion	Ratio	Lower	Upper
202	100		
200	22.6	17.4	26.2
203	18.1	14.3	21.5



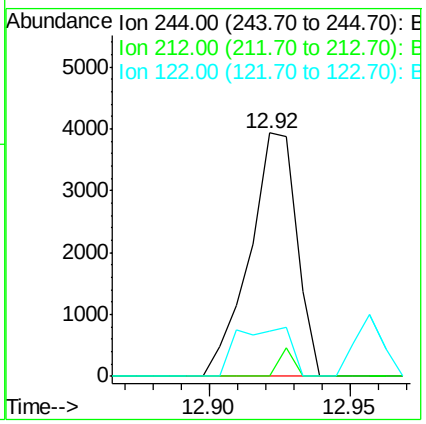


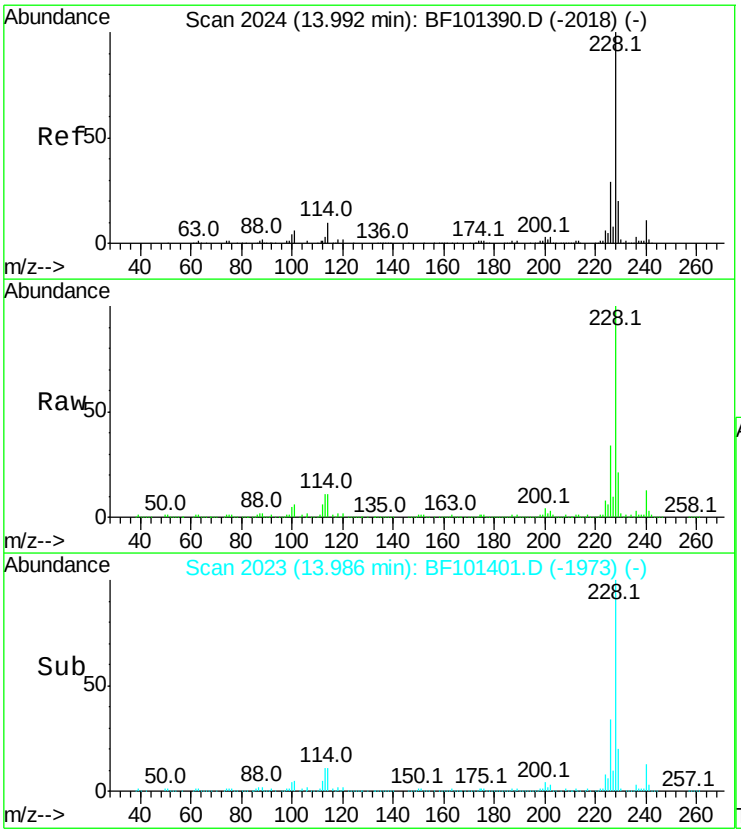
#78
Terphenyl-d14
Concen: 0.299 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.01 min
Lab File: BF101401.D
Acq: 14 Dec 2017 18:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 4573

Ion	Ratio	Lower	Upper
244	100		
212	0.0	5.4	8.0#
122	18.6	11.0	16.4#

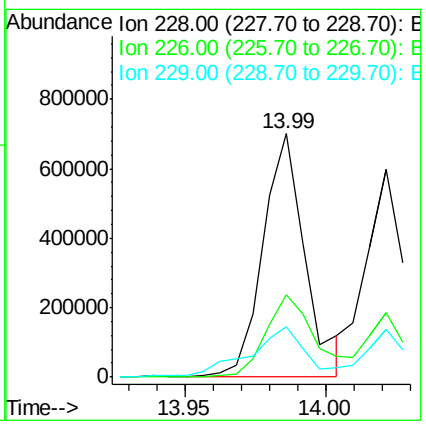


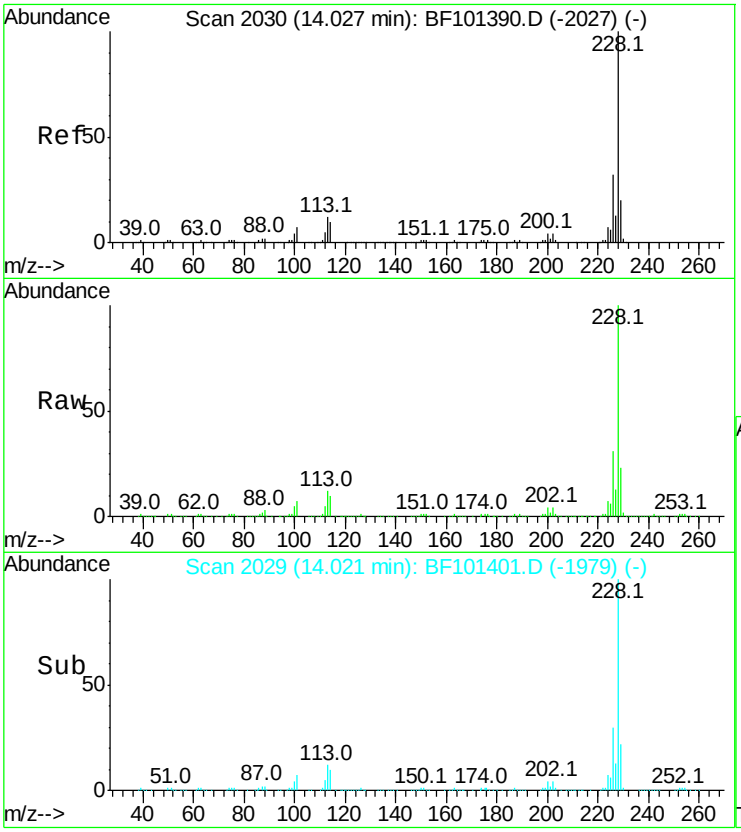


#80
Benzo(a)anthracene
Concen: 29.534 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF101401.D
Acq: 14 Dec 2017 18:56

Tgt Ion:228 Resp: 719704

Ion	Ratio	Lower	Upper
228	100		
226	33.8	22.6	33.8
229	20.7	15.8	23.6



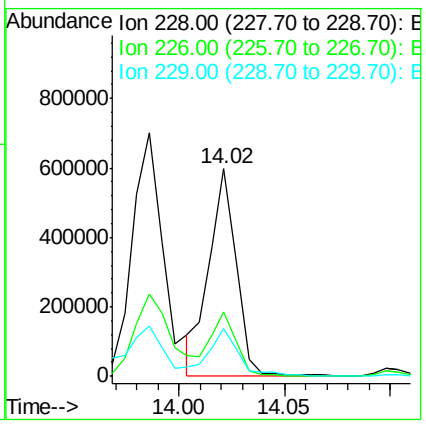


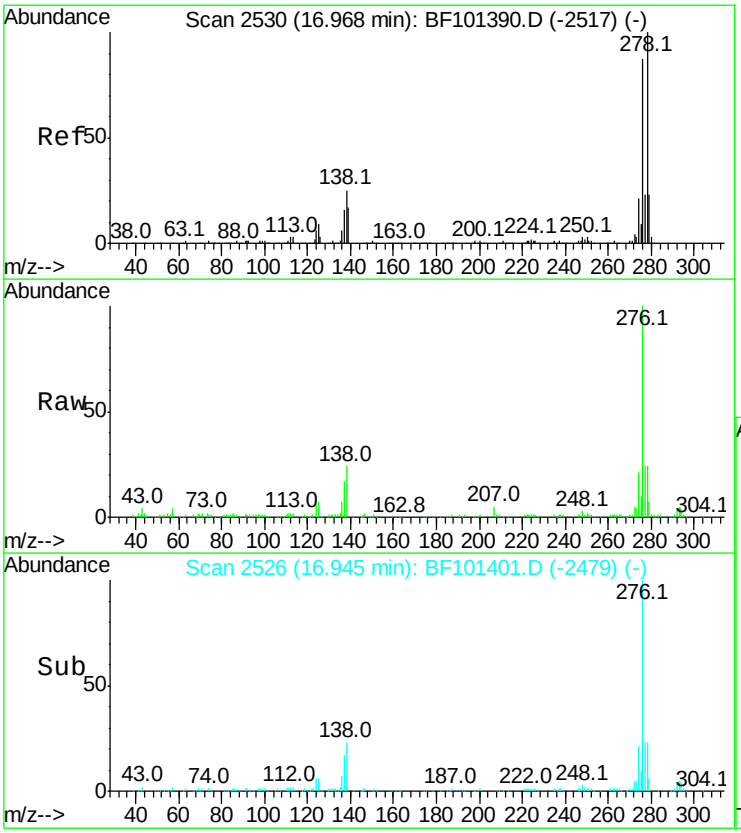
#82
Chrysene
Concen: 23.191 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF101401.D
Acq: 14 Dec 2017 18:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 533605

Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.6
229	23.0	16.2	24.4

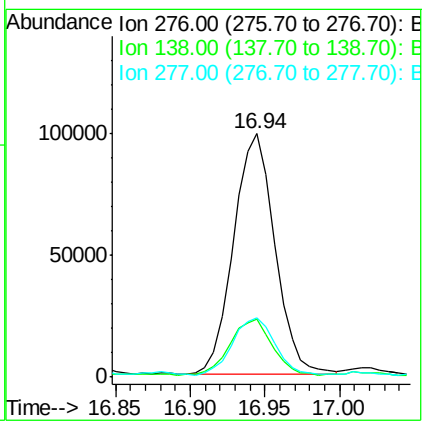


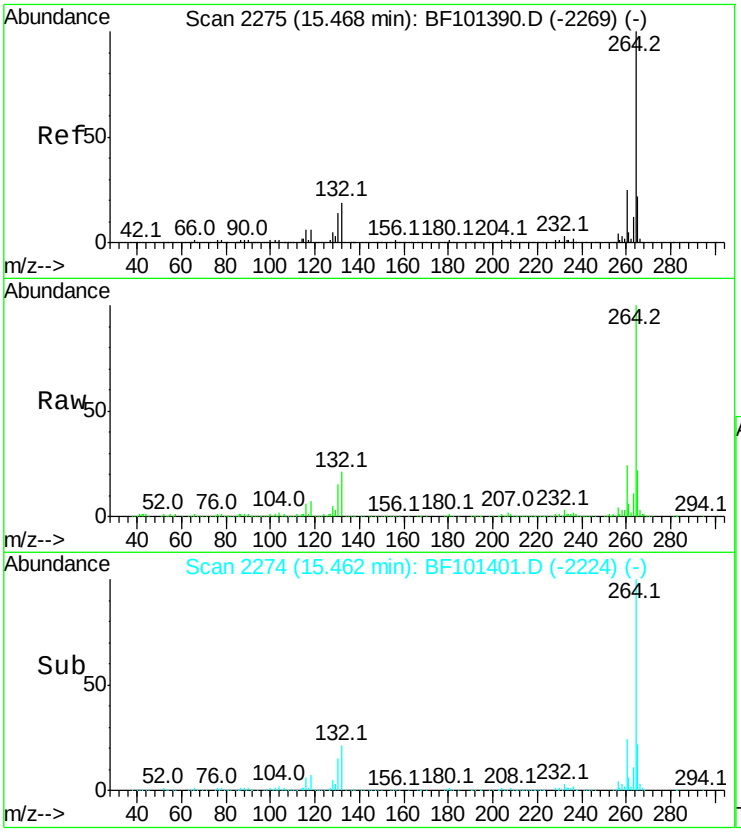


#85
Indeno(1,2,3-cd)pyrene
Concen: 9.333 ng
RT: 16.94 min Scan# 2526
Delta R.T. -0.02 min
Lab File: BF101401.D
Acq: 14 Dec 2017 18:56

Tgt Ion:276 Resp: 191227

Ion	Ratio	Lower	Upper
276	100		
138	25.0	25.0	37.6#
277	23.9	20.1	30.1



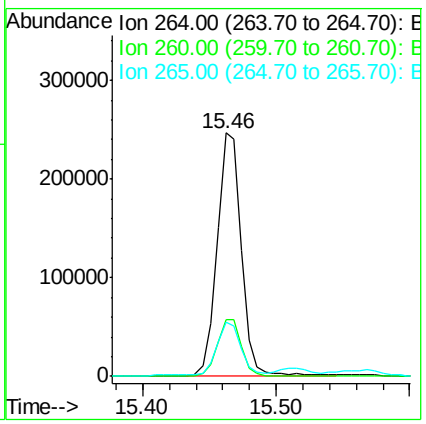


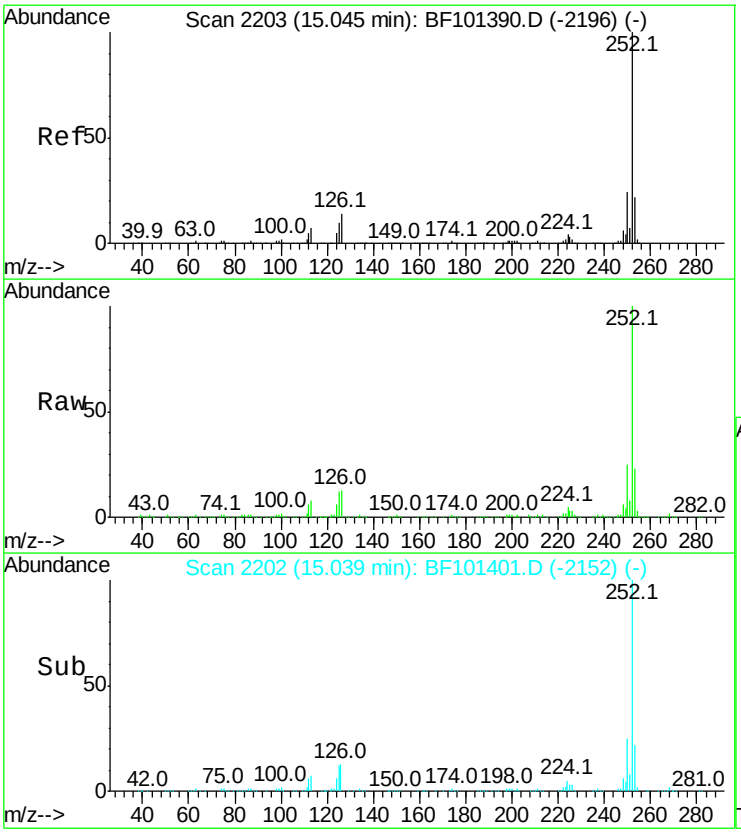
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF101401.D
Acq: 14 Dec 2017 18:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 315744

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.3	17.5	26.3

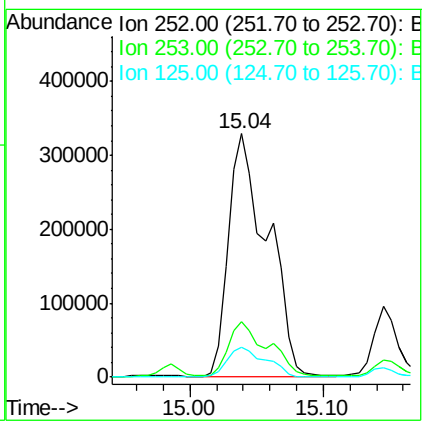


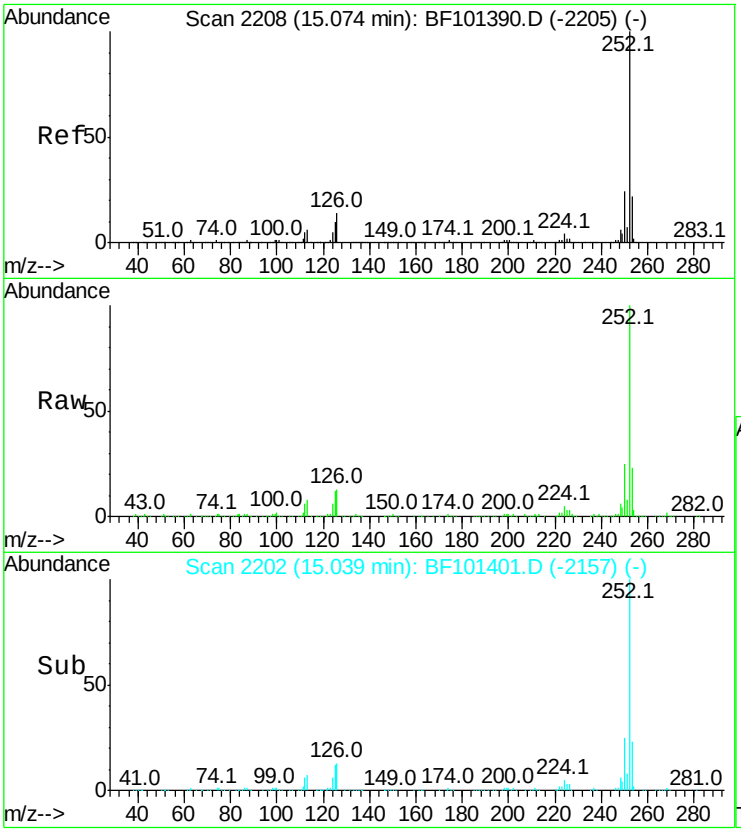


#87
Benzo(b)fluoranthene
Concen: 34.669 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BF101401.D
Acq: 14 Dec 2017 18:56

Tgt Ion:252 Resp: 667218

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.0	25.6
125	12.0	9.0	13.6



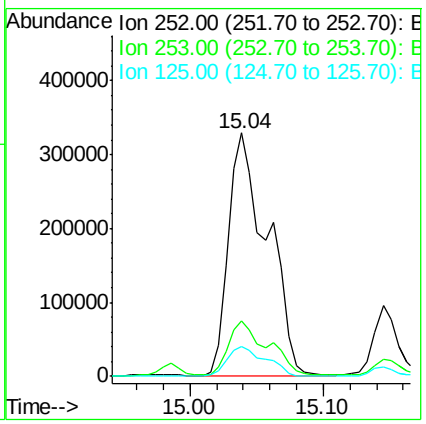


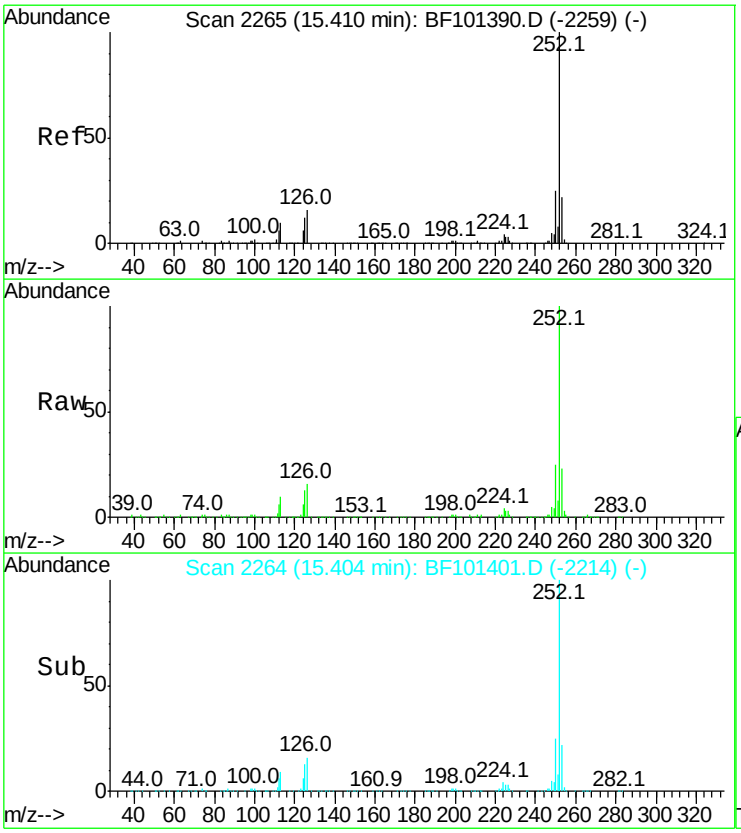
#88
Benzo(k)fluoranthene
Concen: 35.658 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.04 min
Lab File: BF101401.D
Acq: 14 Dec 2017 18:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 667218

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.9	26.9
125	12.0	10.2	15.2

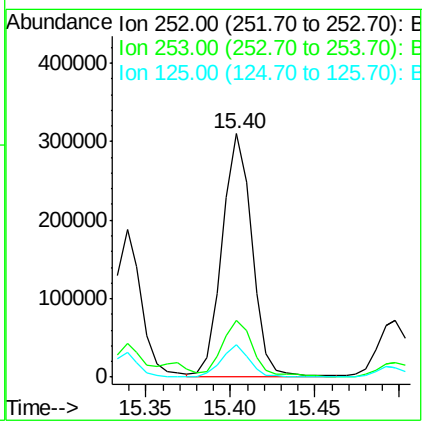


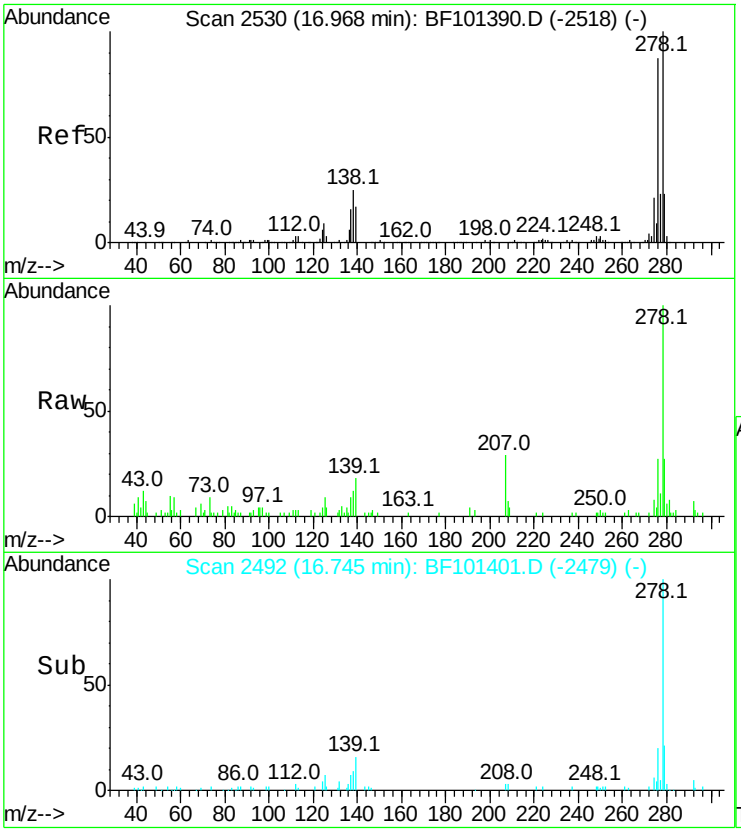


#89
Benzo(a)pyrene
Concen: 21.347 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.01 min
Lab File: BF101401.D
Acq: 14 Dec 2017 18:56

Tgt Ion:252 Resp: 378721

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.1	25.7
125	13.1	9.8	14.6



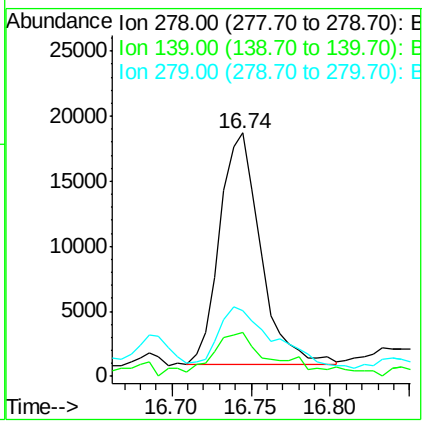


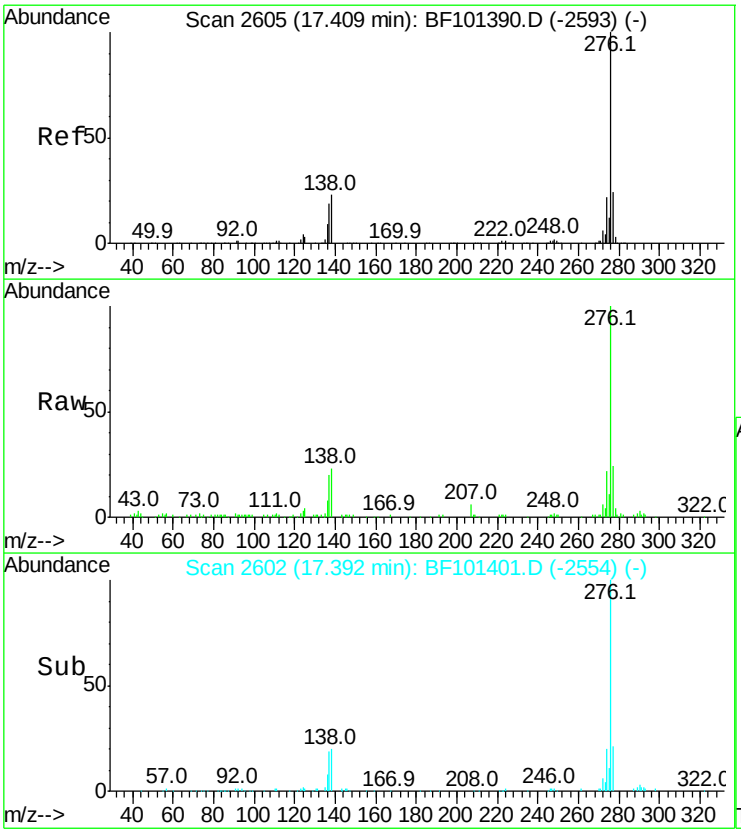
#90
Dibenzo(a,h)anthracene
Concen: 2.101 ng
RT: 16.74 min Scan# 2492
Delta R.T. -0.22 min
Lab File: BF101401.D
Acq: 14 Dec 2017 18:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 32009

Ion	Ratio	Lower	Upper
278	100		
139	18.3	15.9	23.9
279	27.1	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 11.147 ng
RT: 17.39 min Scan# 2602
Delta R.T. -0.02 min
Lab File: BF101401.D
Acq: 14 Dec 2017 18:56

Tgt Ion:276 Resp: 168141

Ion	Ratio	Lower	Upper
276	100		
277	23.6	17.9	26.9
138	23.4	21.8	32.8