Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121517\
Data File : BF101458.D
Acq On : 15 Dec 2017 22:08
Operator : SJ/JU
Sample : I6875-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 15 22:37:44 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 15 17:36:17 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	179099	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	649998	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	243465	20.00	ng		0.00
63) Phenanthrene-d10	11.35	188	420072	20.00	ng		0.00
75) Chrysene-d12	14.00	240	350667	20.00	ng		0.00
86) Perylene-d12	15.47	264	315911	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	1170709	97.37	ng		0.01
7) Phenol-d6	6.46	99	1392283	93.04	ng		0.00
23) Nitrobenzene-d5	7.39	82	818736	70.12	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	231418	98.64	ng		0.01
44) 2-Fluorobiphenyl	9.18	172	1032308	65.77	ng		0.00
78) Terphenyl-d14	12.93	244	861414	59.22	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.47	94	88501	5.189	ng		91
18) Hexachloroethane	7.35	117	32273	6.368	ng	#	1
25) Isophorone	7.70	82	58829	2.511	ng	#	58
31) Naphthalene	8.12	128	79027	2.415	ng	#	84
32) Benzoic acid	7.88	122	2719	8.318	ng	#	31
35) Caprolactam	8.55	113	8325	2.573	ng	#	1
37) 2-Methylnaphthalene	8.82	142	141422	6.633	ng		98
49) Dimethylphthalate	9.57	163	108184	5.524	ng	#	95
51) Acenaphthene	9.89	154	50713	3.235	ng	#	78
53) 2,4-Dinitrophenol	9.96	184	421	10.585	ng	#	1
55) 4-Nitrophenol	10.00	139	6080	2.810	ng	#	1
56) 2,4-Dinitrotoluene	10.06	165	19144	4.269	ng	#	54
57) Fluorene	10.41	166	90024	5.341	ng	#	91
65) n-Nitrosodiphenylamine	10.52	169	150510	9.703	ng	#	39
69) Pentachlorophenol	11.15	266	255	6.677	ng	#	52
70) Phenanthrene	11.38	178	321169	13.748	ng		98
71) Anthracene	11.38	178	320912	13.448	ng		97
74) Fluoranthene	12.57	202	284263	11.593	ng		97
77) Pyrene	12.80	202	263268	10.004	ng		99
80) Benzo(a)anthracene	13.99	228	126733	5.473	ng		97
82) Chrysene	14.02	228	111849	5.116	ng		96
85) Indeno(1,2,3-cd)pyrene	16.96	276	47797	2.455	ng	#	91
87) Benzo(b)fluoranthene	15.04	252	169812	8.819	ng	#	92
88) Benzo(k)fluoranthene	15.04	252	169812	9.070	ng	#	95
89) Benzo(a)pyrene	15.41	252	89679	5.052	ng	#	93
91) Benzo(g,h,i)perylene	17.41	276	47442	3.144	ng		95

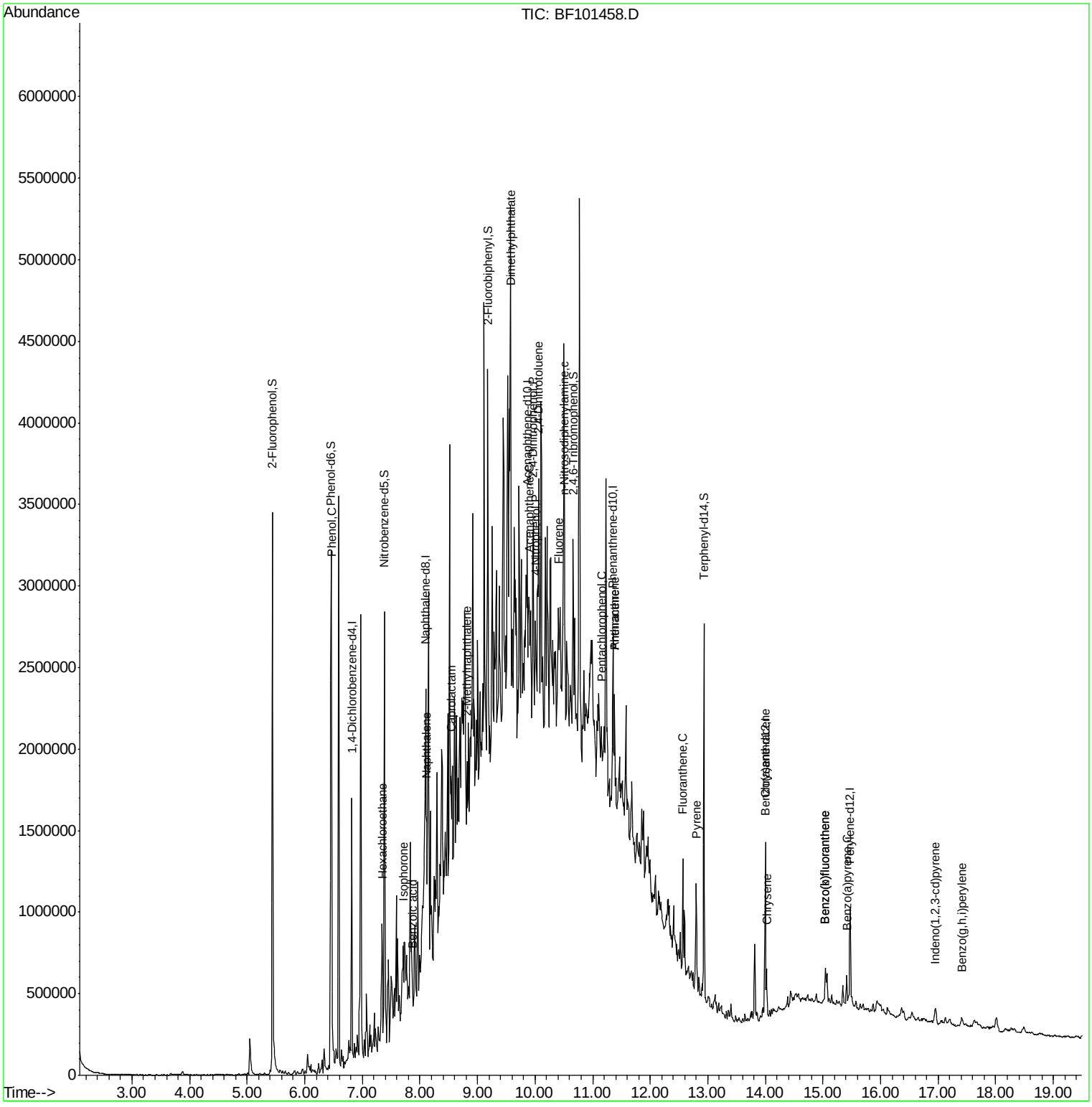
(#) = qualifier out of range (m) = manual integration (+) = signals summed

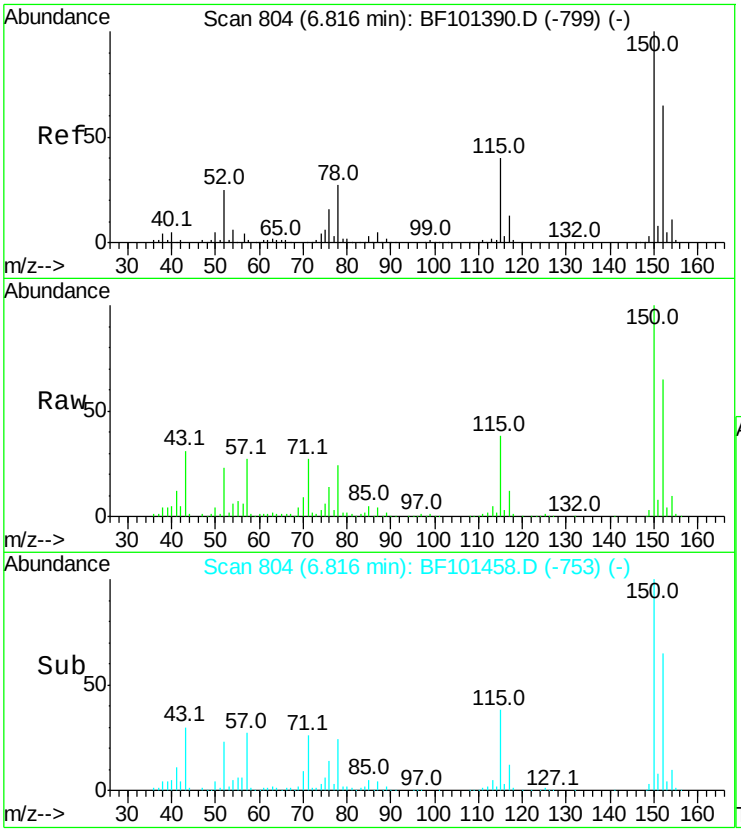
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121517\
Data File : BF101458.D
Acq On : 15 Dec 2017 22:08
Operator : SJ/JU
Sample : I6875-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 15 22:37:44 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 15 17:36:17 2017
Response via : Initial Calibration



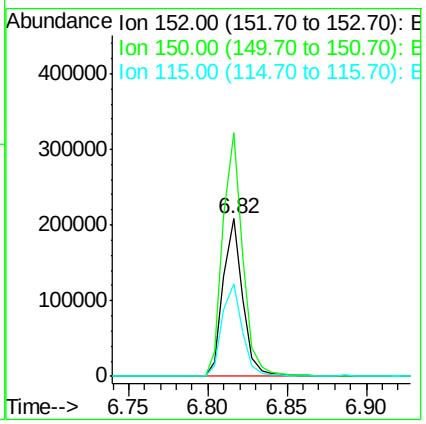


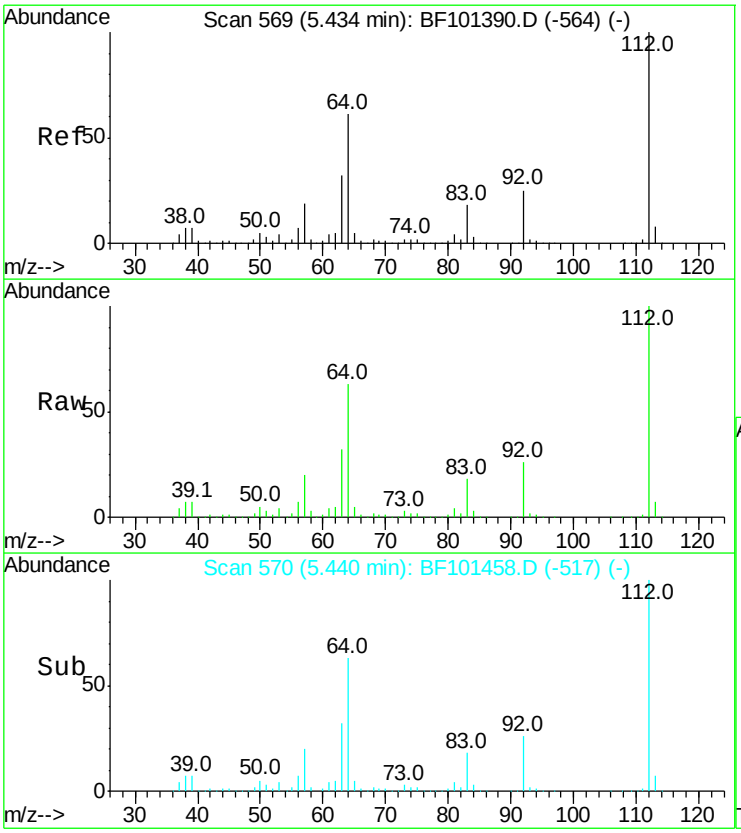
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF101458.D
Acq: 15 Dec 2017 22:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 179099

Ion	Ratio	Lower	Upper
152	100		
150	154.5	124.6	186.8
115	58.6	50.1	75.1

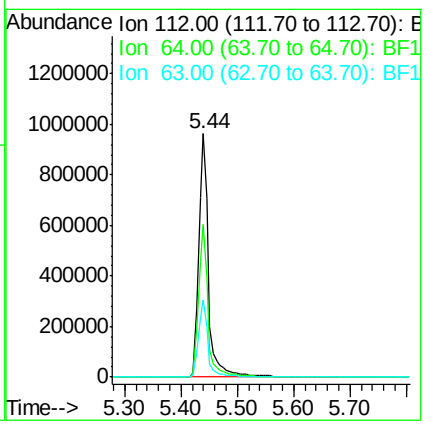


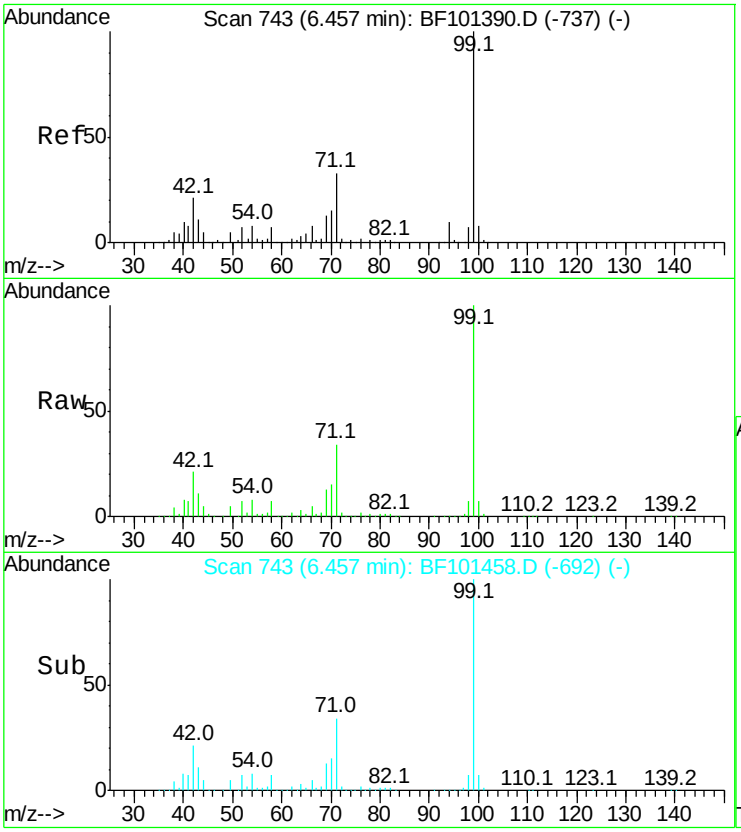


#5
2-Fluorophenol
Concen: 97.369 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.01 min
Lab File: BF101458.D
Acq: 15 Dec 2017 22:08

Tgt Ion:112 Resp: 1170709

Ion	Ratio	Lower	Upper
112	100		
64	62.6	47.9	71.9
63	32.0	23.7	35.5



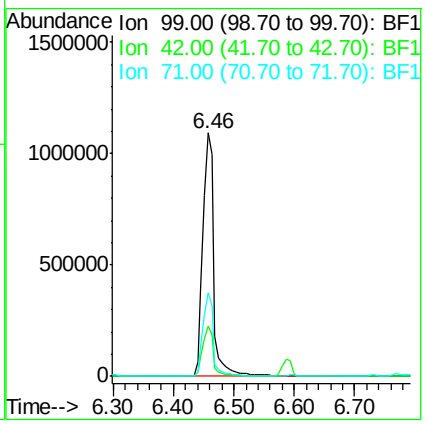


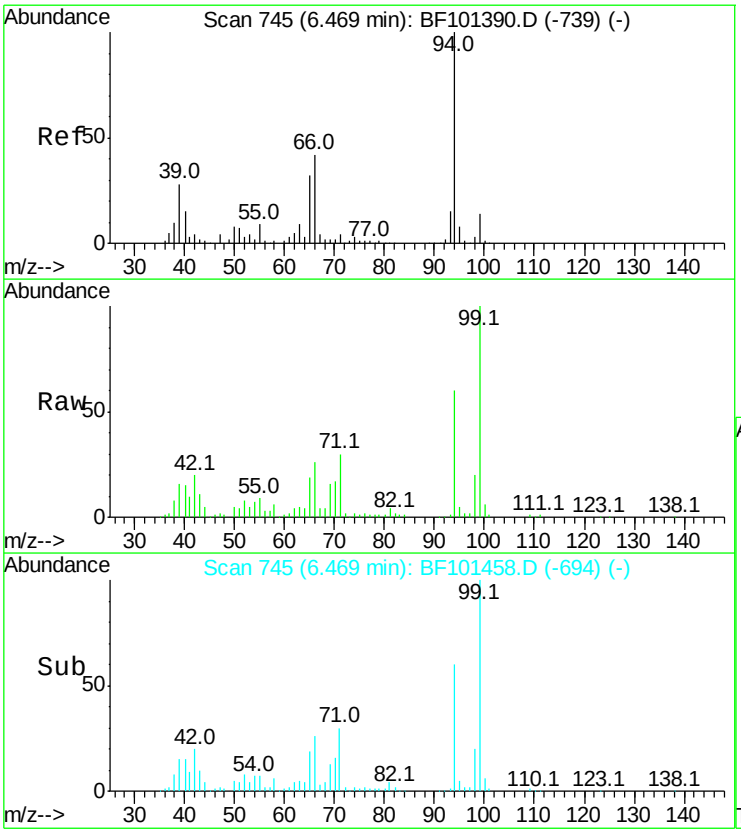
#7
Phenol-d6
Concen: 93.044 ng
RT: 6.46 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF101458.D
Acq: 15 Dec 2017 22:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1392283

Ion	Ratio	Lower	Upper
99	100		
42	20.6	14.5	21.7
71	34.2	25.4	38.0

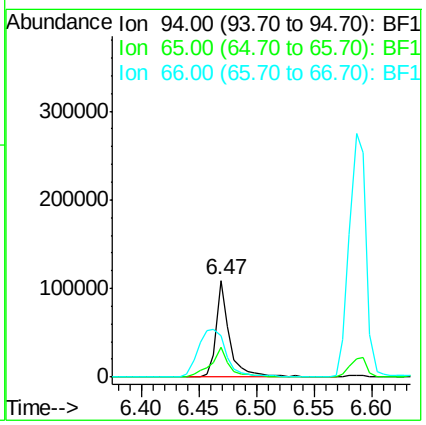


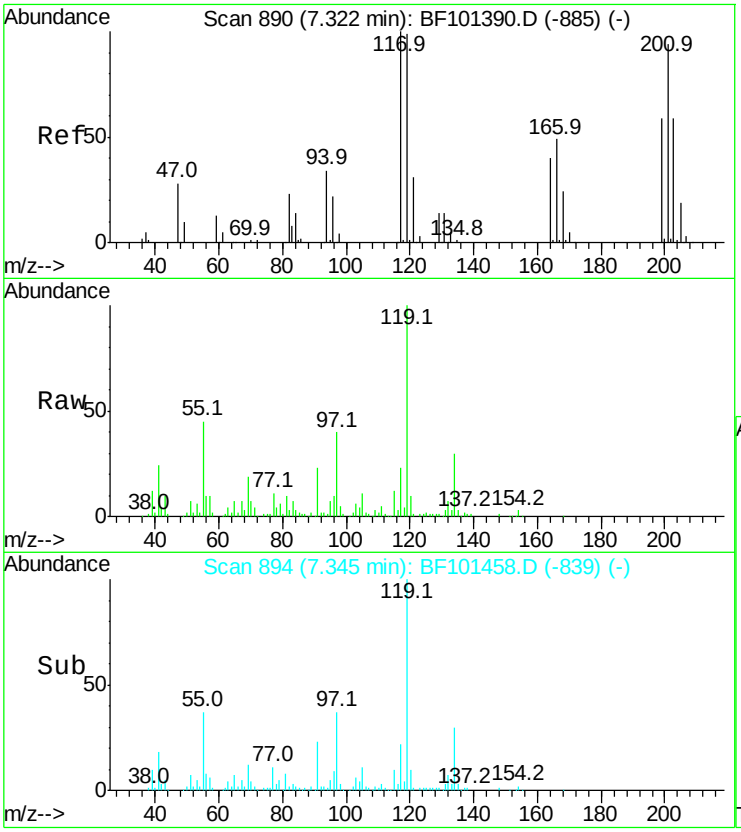


#10
Phenol
Concen: 5.189 ng
RT: 6.47 min Scan# 745
Delta R.T. 0.00 min
Lab File: BF101458.D
Acq: 15 Dec 2017 22:08

Tgt Ion: 94 Resp: 88501

Ion	Ratio	Lower	Upper
94	100		
65	31.0	7.9	47.9
66	42.6	16.2	56.2



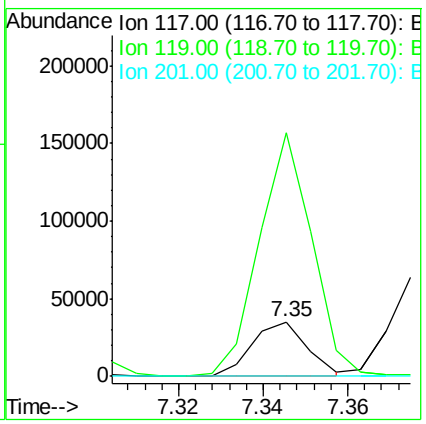


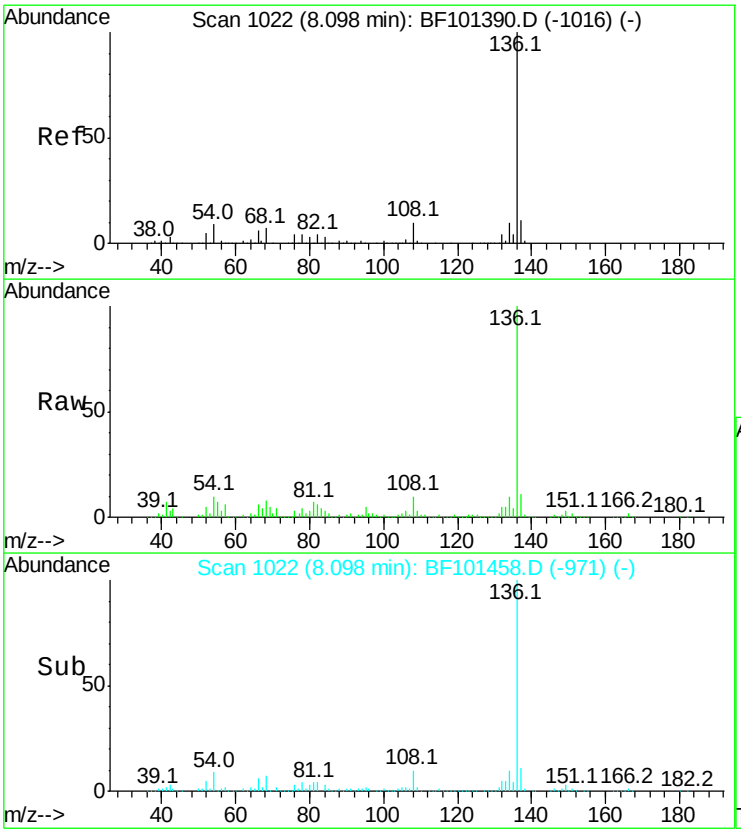
#18
Hexachloroethane
Concen: 6.368 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.02 min
Lab File: BF101458.D
Acq: 15 Dec 2017 22:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:117 Resp: 32273

Ion	Ratio	Lower	Upper
117	100		
119	444.2	75.8	113.8#
201	0.0	75.7	113.5#

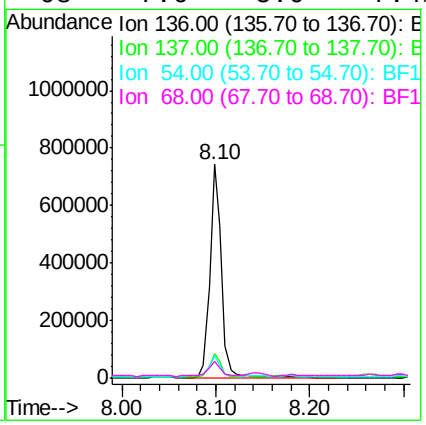


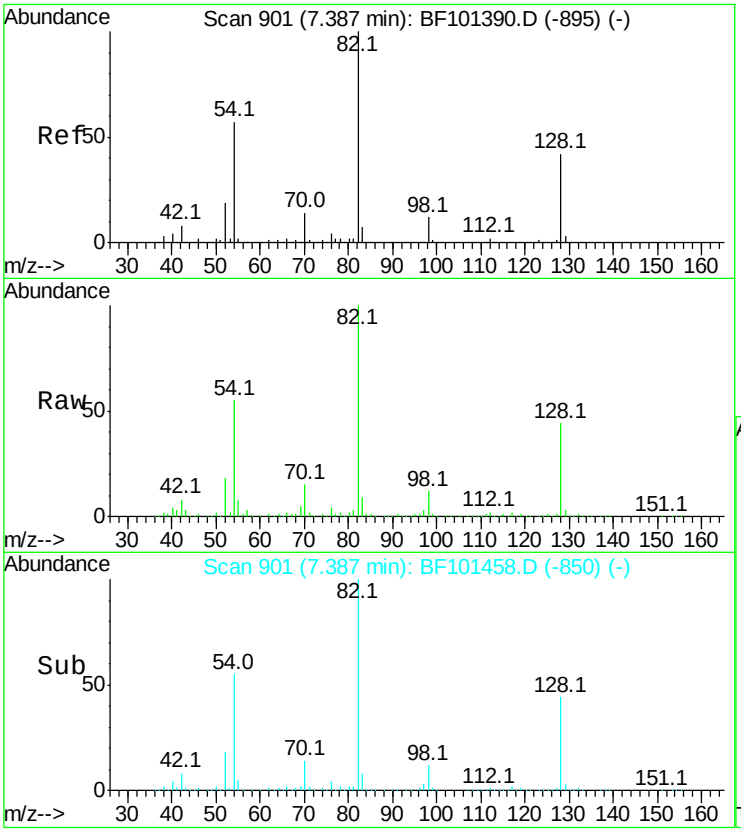


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF101458.D
Acq: 15 Dec 2017 22:08

Tgt Ion:136 Resp: 649998

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	10.0	6.6	9.8#
68	7.6	5.0	7.4#



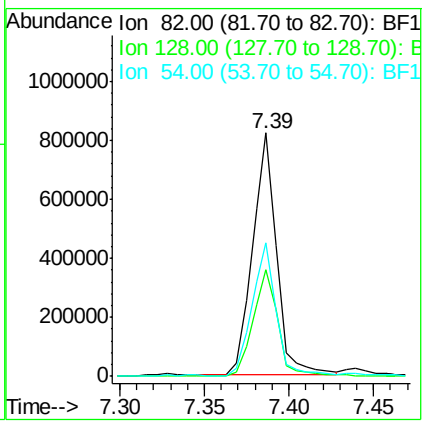


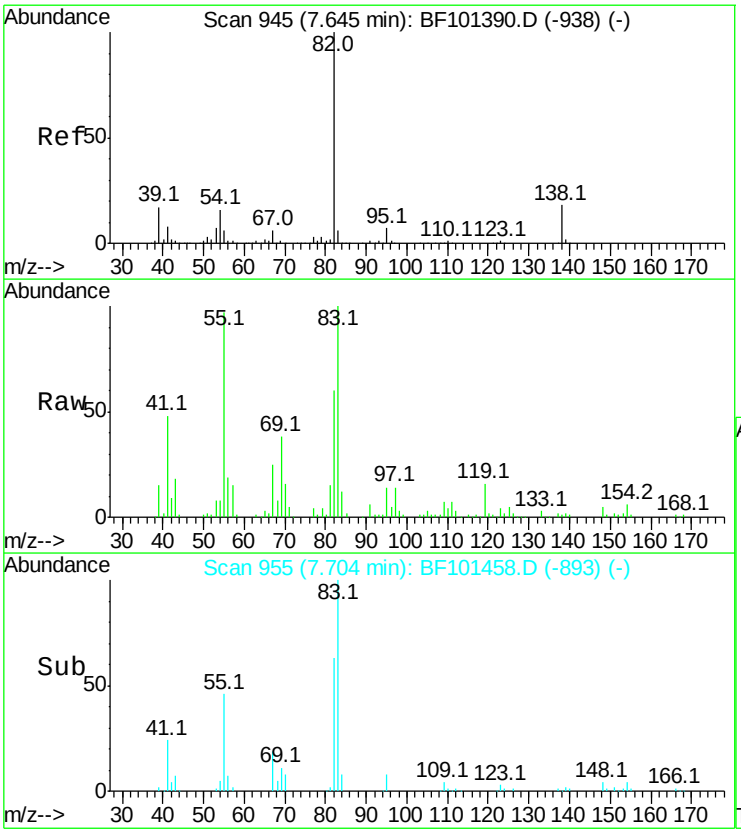
#23
Nitrobenzene-d5
Concen: 70.117 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF101458.D
Acq: 15 Dec 2017 22:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 818736

Ion	Ratio	Lower	Upper
82	100		
128	43.7	36.1	54.1
54	55.0	41.4	62.2

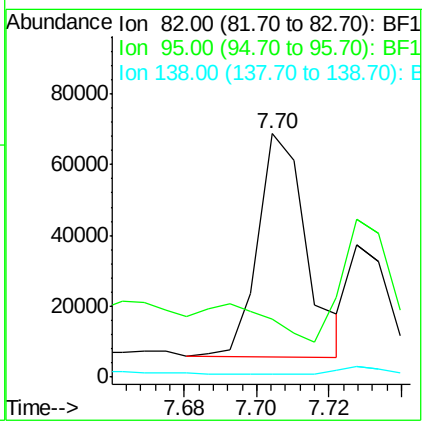


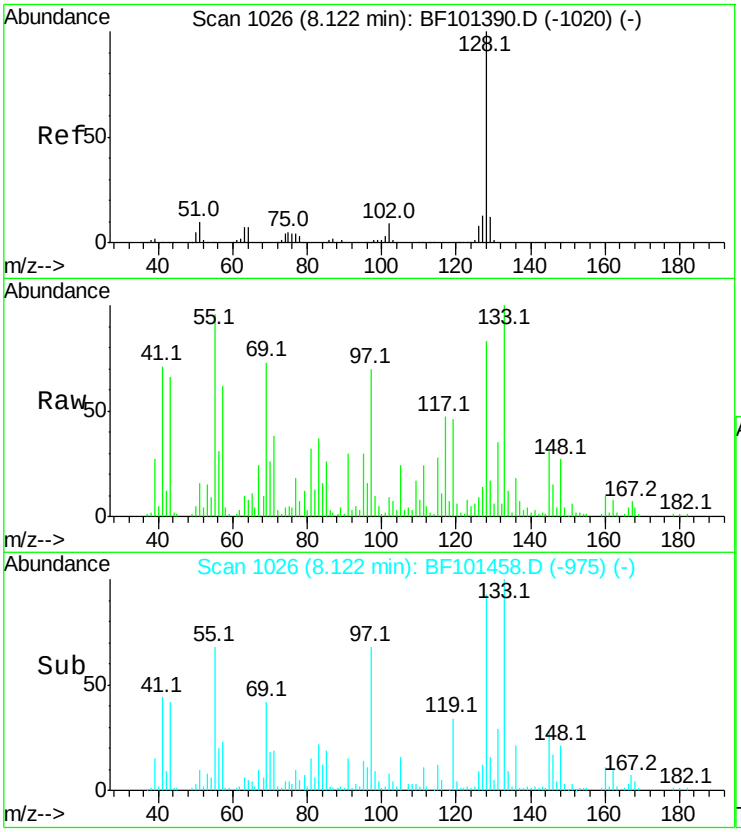


#25
Isophorone
Concen: 2.511 ng
RT: 7.70 min Scan# 955
Delta R.T. 0.06 min
Lab File: BF101458.D
Acq: 15 Dec 2017 22:08

Tgt Ion: 82 Resp: 58829

Ion	Ratio	Lower	Upper
82	100		
95	23.8	5.2	7.8#
138	1.0	14.9	22.3#



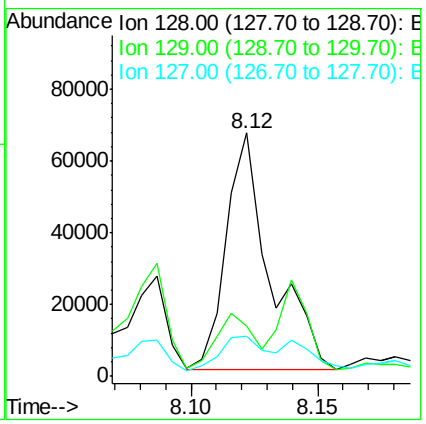


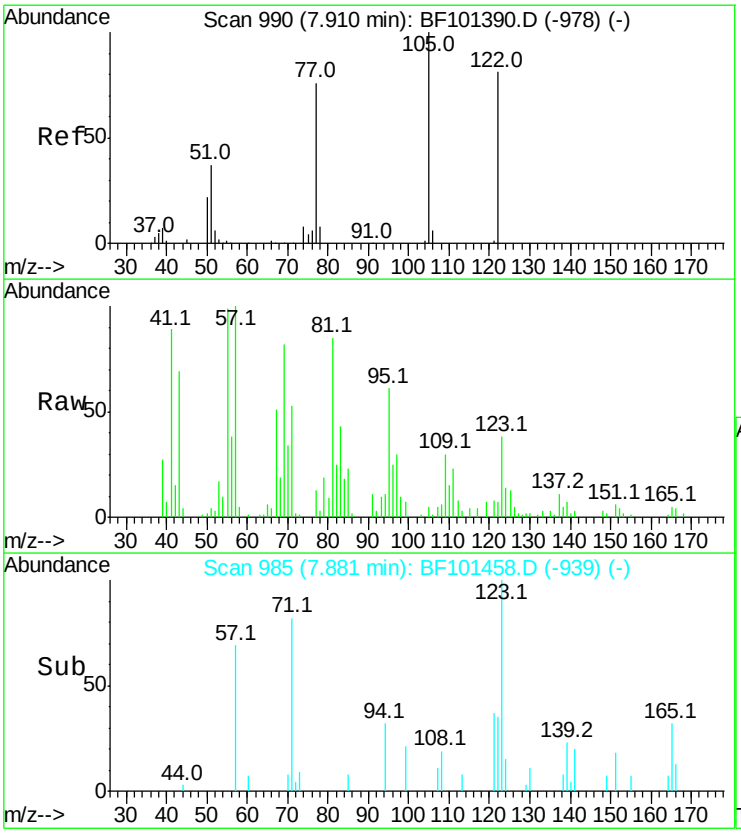
#31
Naphthalene
Concen: 2.415 ng
RT: 8.12 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BF101458.D
Acq: 15 Dec 2017 22:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 79027

Ion	Ratio	Lower	Upper
128	100		
129	20.8	8.8	13.2#
127	16.6	10.9	16.3#

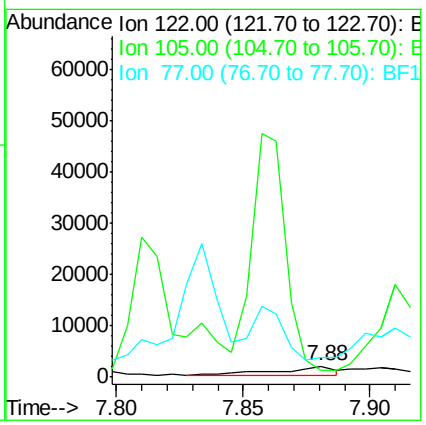


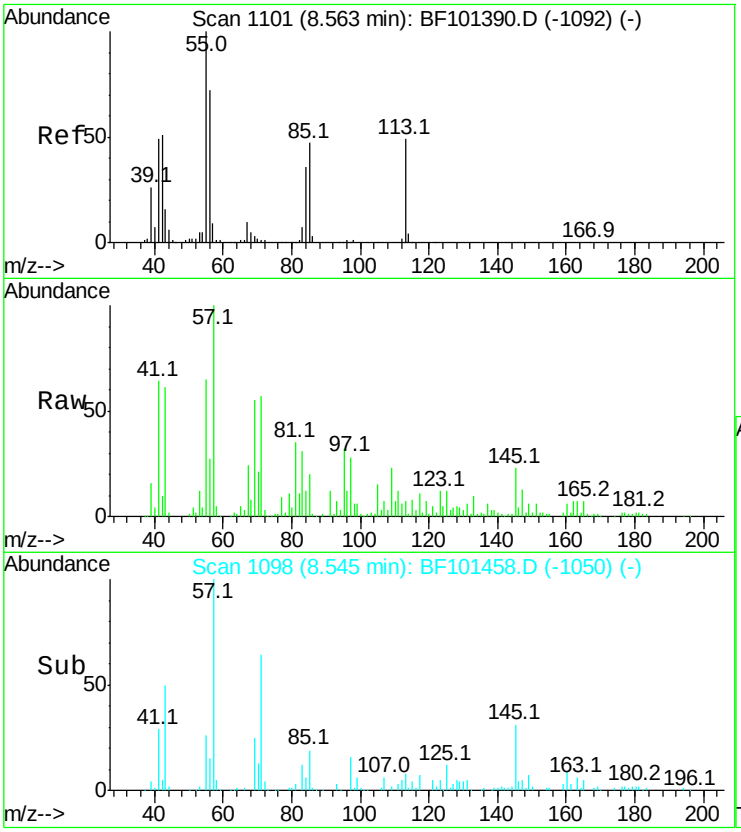


#32
Benzoic acid
Concen: 8.318 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.03 min
Lab File: BF101458.D
Acq: 15 Dec 2017 22:08

Tgt Ion:122 Resp: 2719

Ion	Ratio	Lower	Upper
122	100		
105	68.4	101.1	141.1#
77	184.4	70.7	110.7#



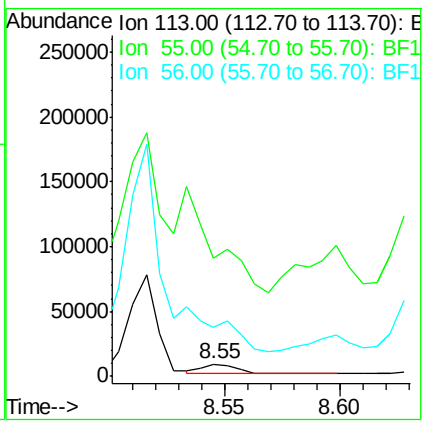


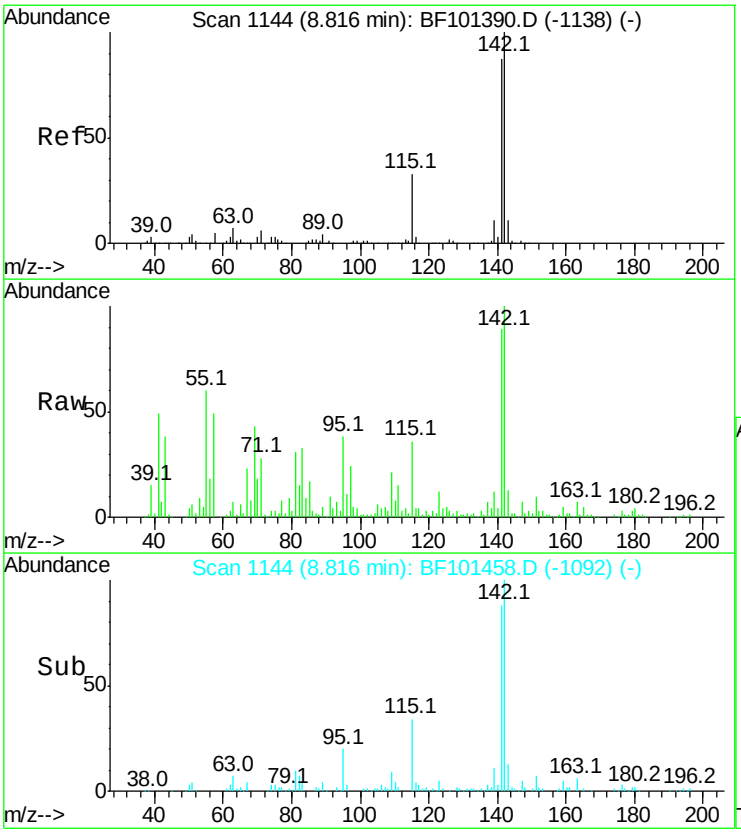
#35
Caprolactam
Concen: 2.573 ng
RT: 8.55 min Scan# 1098
Delta R.T. -0.02 min
Lab File: BF101458.D
Acq: 15 Dec 2017 22:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:113 Resp: 8325

Ion	Ratio	Lower	Upper
113	100		
55	987.0	163.3	203.3#
56	412.1	115.7	155.7#

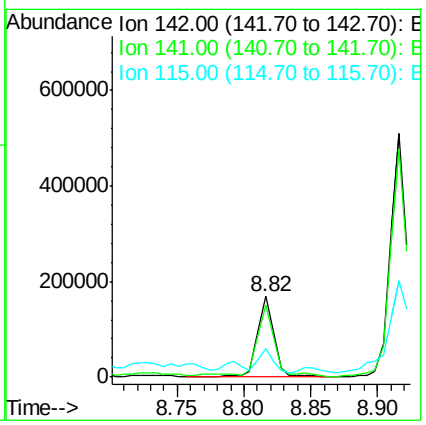


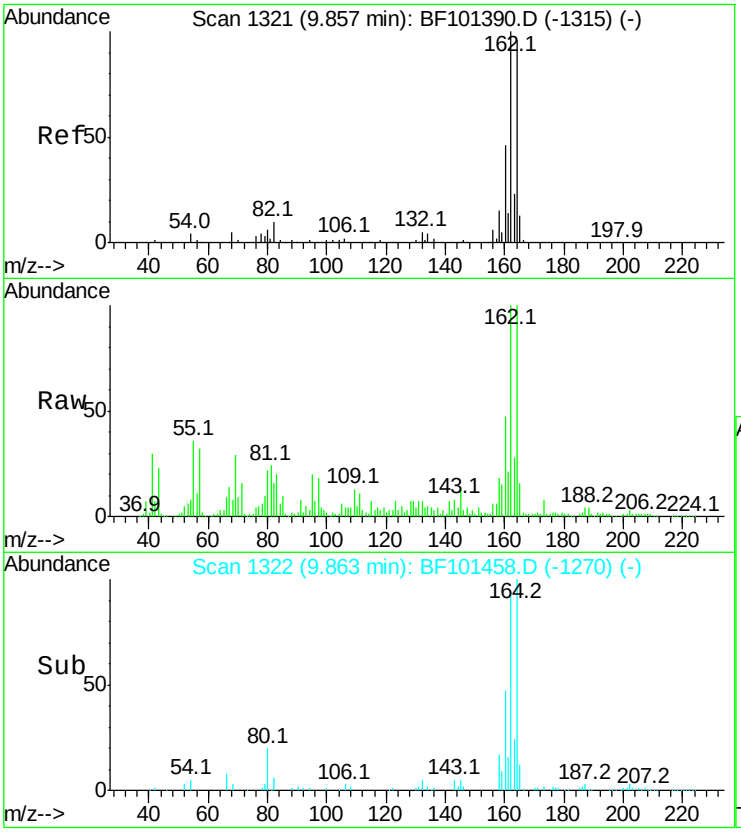


#37
2-Methylnaphthalene
Concen: 6.633 ng
RT: 8.82 min Scan# 1144
Delta R.T. 0.01 min
Lab File: BF101458.D
Acq: 15 Dec 2017 22:08

Tgt Ion:142 Resp: 141422

Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.8	106.2
115	35.5	26.1	39.1

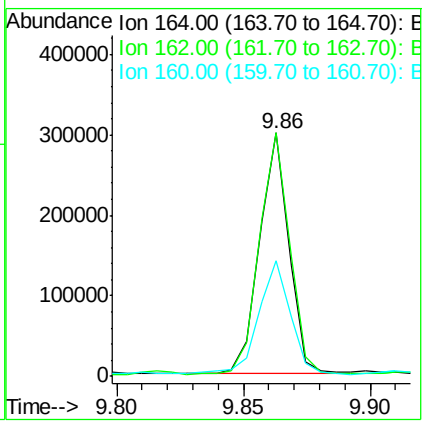




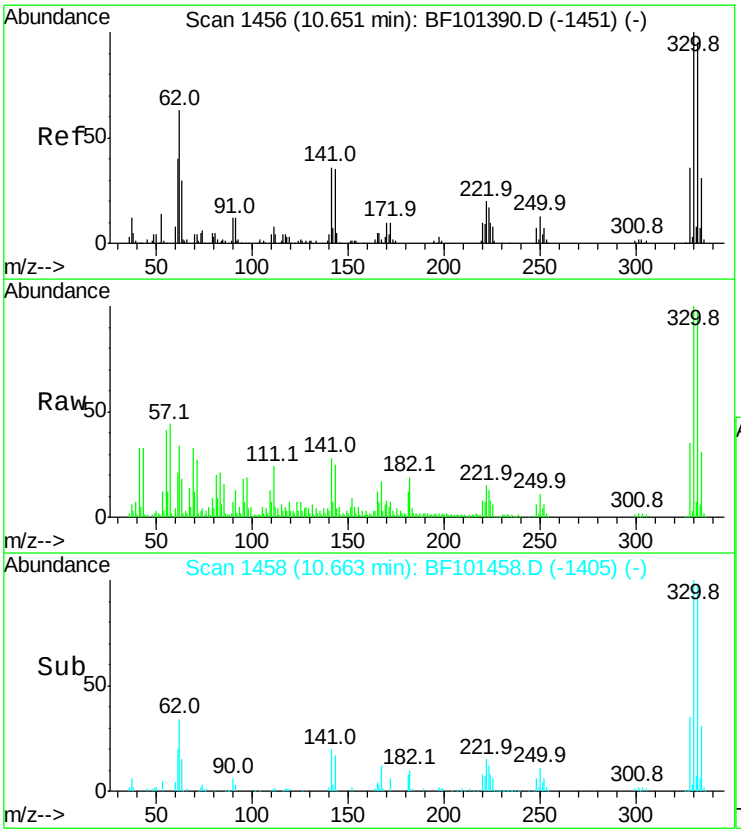
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.01 min
Lab File: BF101458.D
Acq: 15 Dec 2017 22:08

Tgt Ion:164 Resp: 243465

Ion	Ratio	Lower	Upper
164	100		
162	99.9	86.1	129.1
160	47.2	38.3	57.5



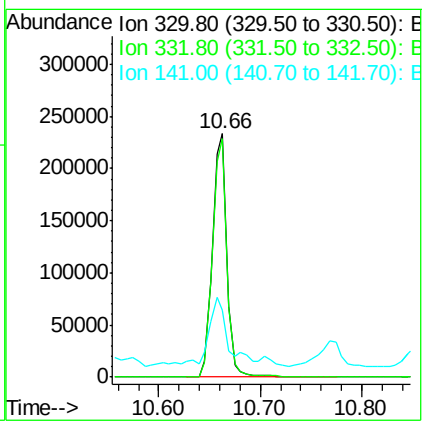
Instrument :
BNA_F
ClientSampleId :

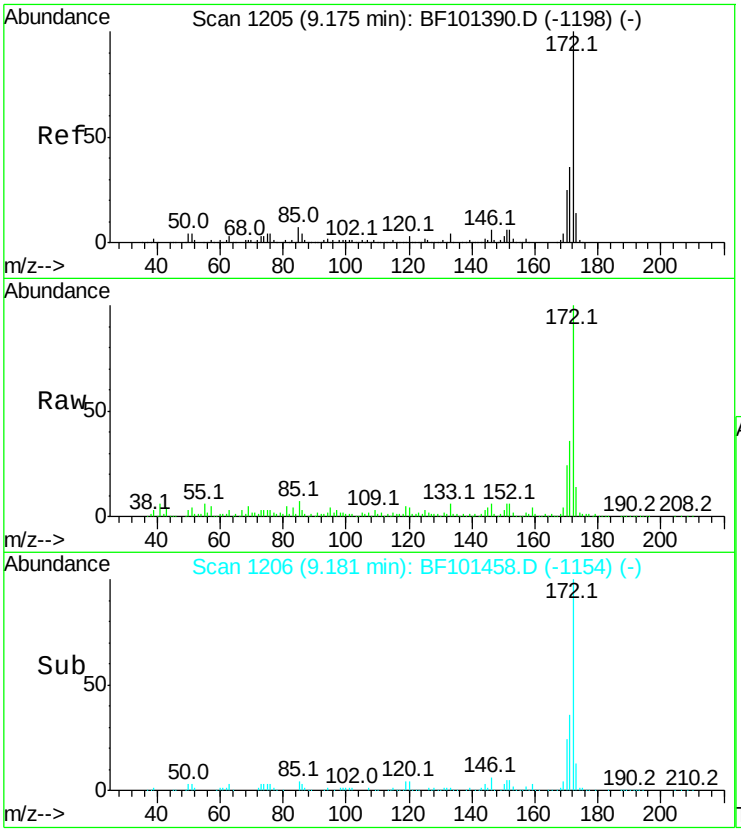


#41
2,4,6-Tribromophenol
Concen: 98.645 ng
RT: 10.66 min Scan# 1458
Delta R.T. 0.01 min
Lab File: BF101458.D
Acq: 15 Dec 2017 22:08

Tgt Ion:330 Resp: 231418

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.0	115.6
141	33.3	29.9	44.9



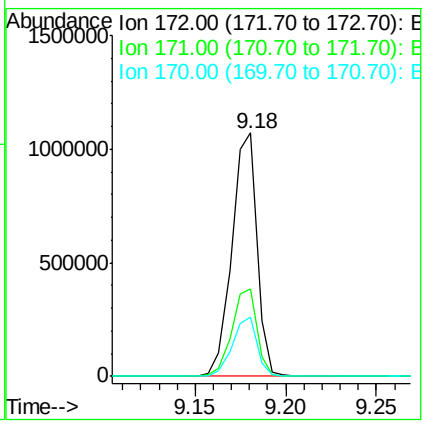


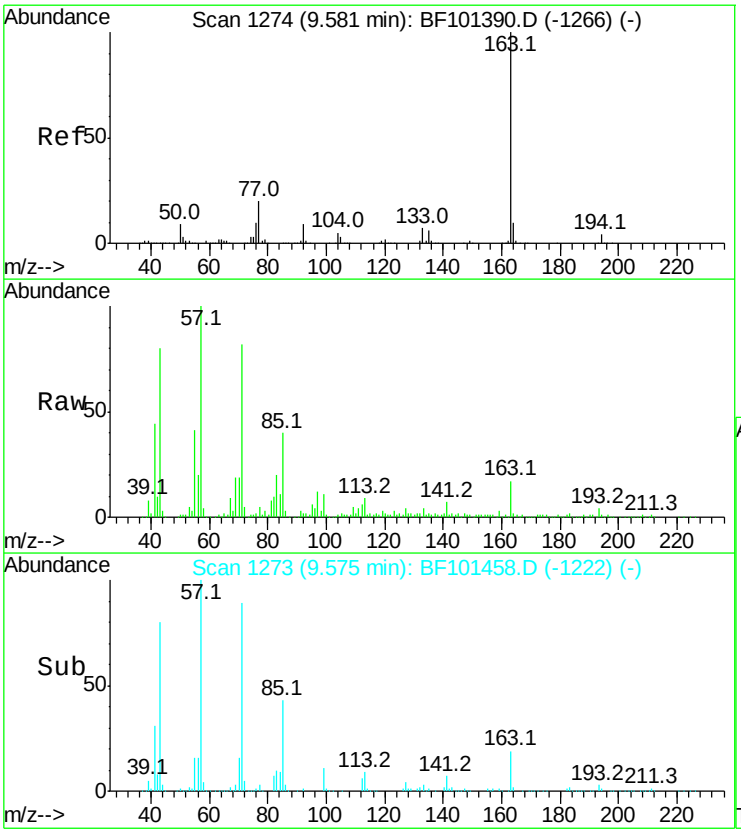
#44
2-Fluorobiphenyl
Concen: 65.774 ng
RT: 9.18 min Scan# 1206
Delta R.T. 0.01 min
Lab File: BF101458.D
Acq: 15 Dec 2017 22:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1032308

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.1	19.6	29.4

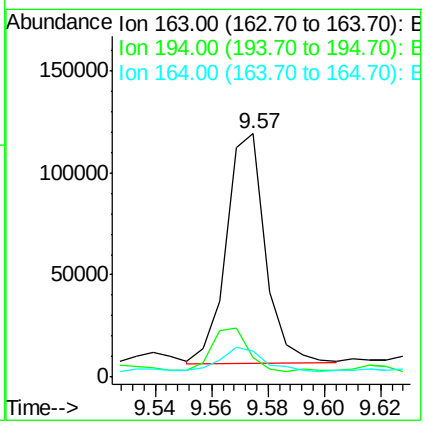


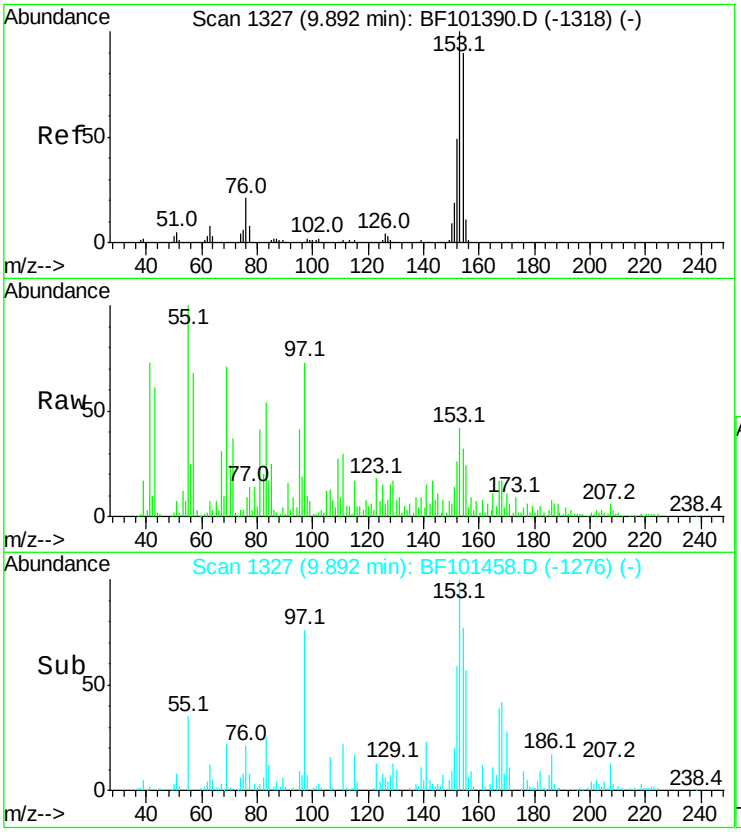


#49
Dimethylphthalate
Concen: 5.524 ng
RT: 9.57 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BF101458.D
Acq: 15 Dec 2017 22:08

Tgt Ion:163 Resp: 108184

Ion	Ratio	Lower	Upper
163	100		
194	8.2	2.7	4.1#
164	10.6	8.2	12.2



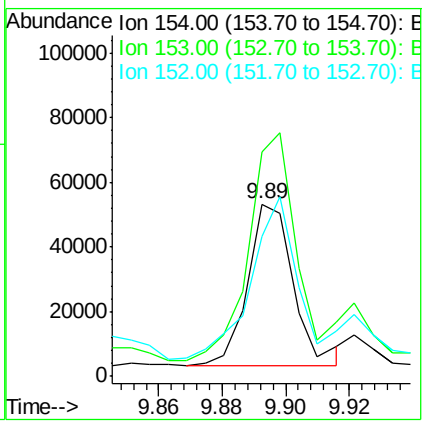


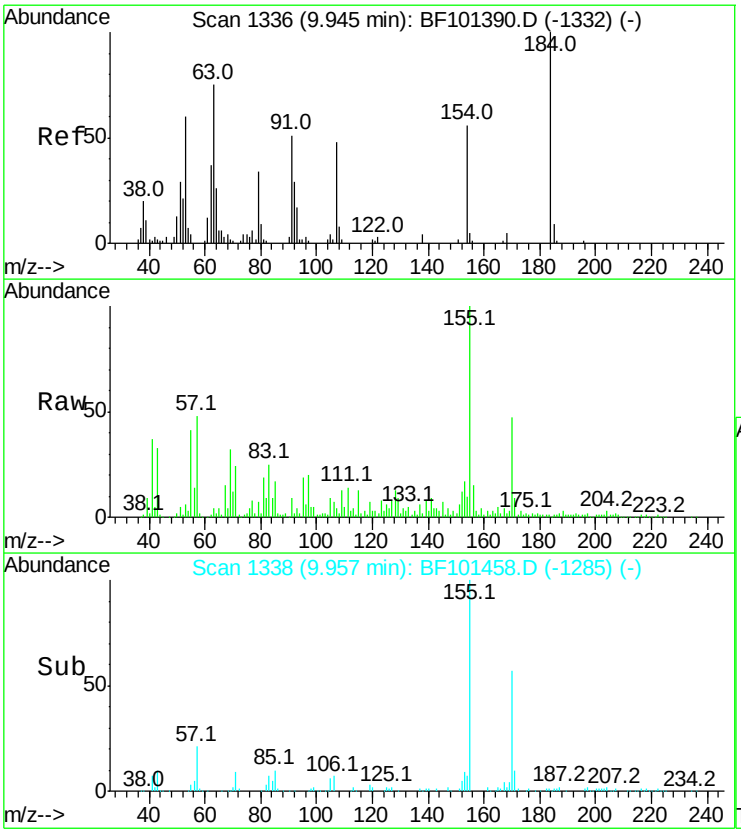
#51
Acenaphthene
Concen: 3.235 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BF101458.D
Acq: 15 Dec 2017 22:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 50713

Ion	Ratio	Lower	Upper
154	100		
153	129.9	91.2	136.8
152	81.0	43.8	65.8#

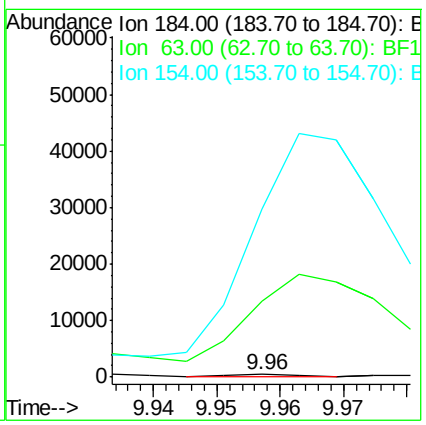


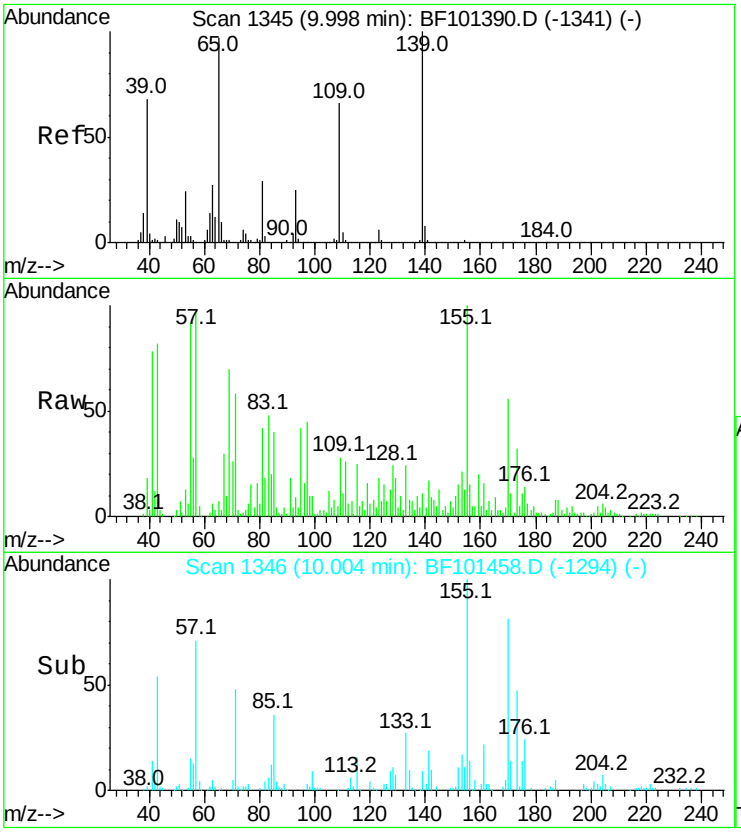


#53
2,4-Dinitrophenol
Concen: 10.585 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BF101458.D
Acq: 15 Dec 2017 22:08

Tgt Ion:184 Resp: 421

Ion	Ratio	Lower	Upper
184	100		
63	2854.5	54.2	81.2#
154	6341.9	184.0	276.0#



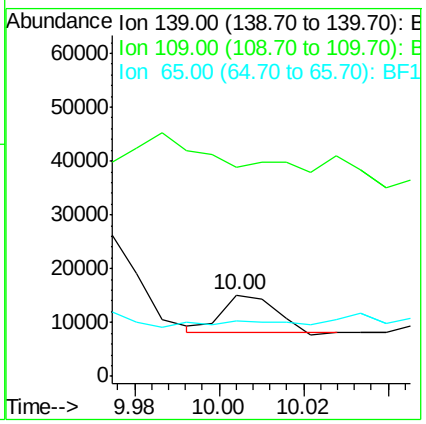


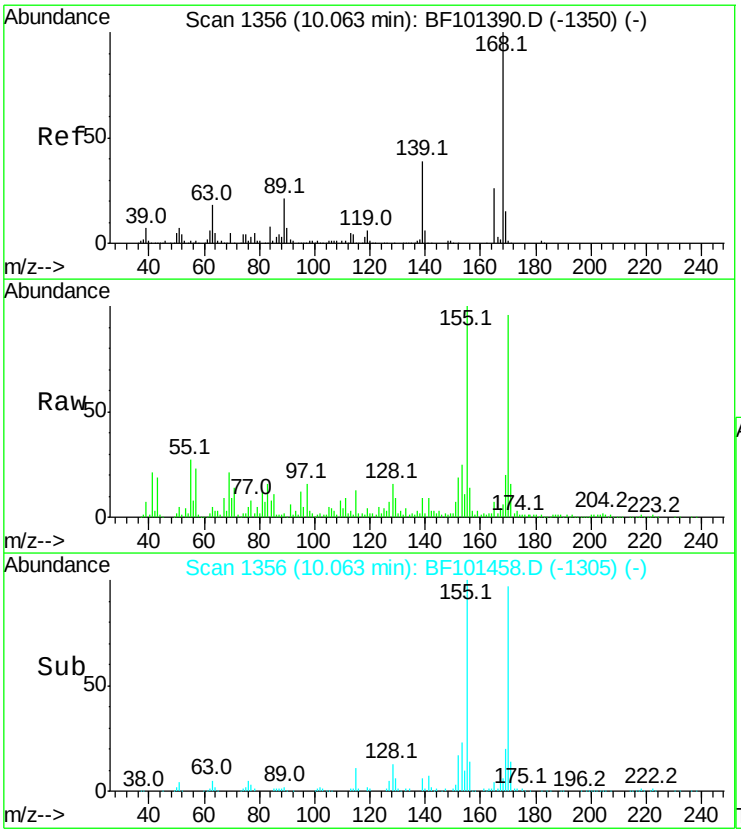
#55
4-Nitrophenol
Concen: 2.810 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BF101458.D
Acq: 15 Dec 2017 22:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 6080

Ion	Ratio	Lower	Upper
139	100		
109	255.8	48.4	88.4#
65	68.1	72.6	112.6#

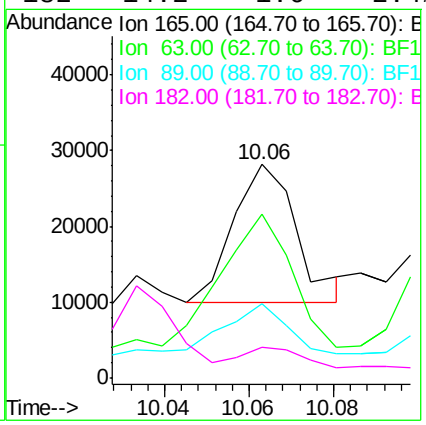


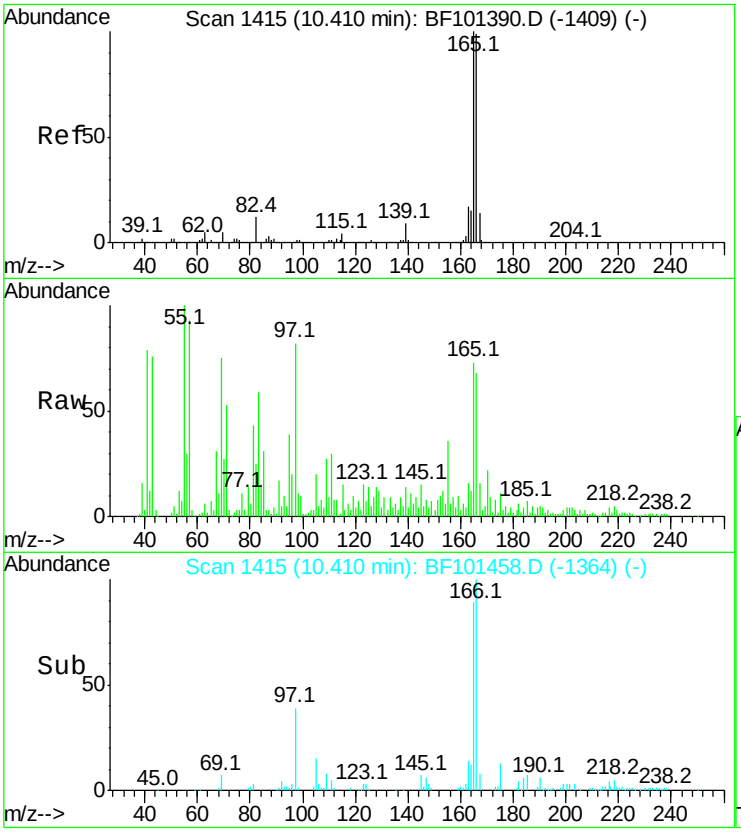


#56
2,4-Dinitrotoluene
Concen: 4.269 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.00 min
Lab File: BF101458.D
Acq: 15 Dec 2017 22:08

Tgt Ion:165 Resp: 19144

Ion	Ratio	Lower	Upper
165	100		
63	77.0	36.4	54.6#
89	34.6	57.8	86.6#
182	14.2	1.6	2.4#



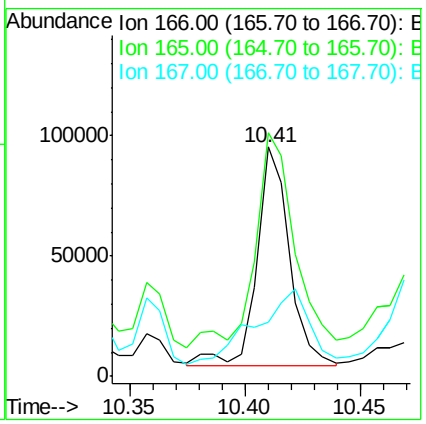


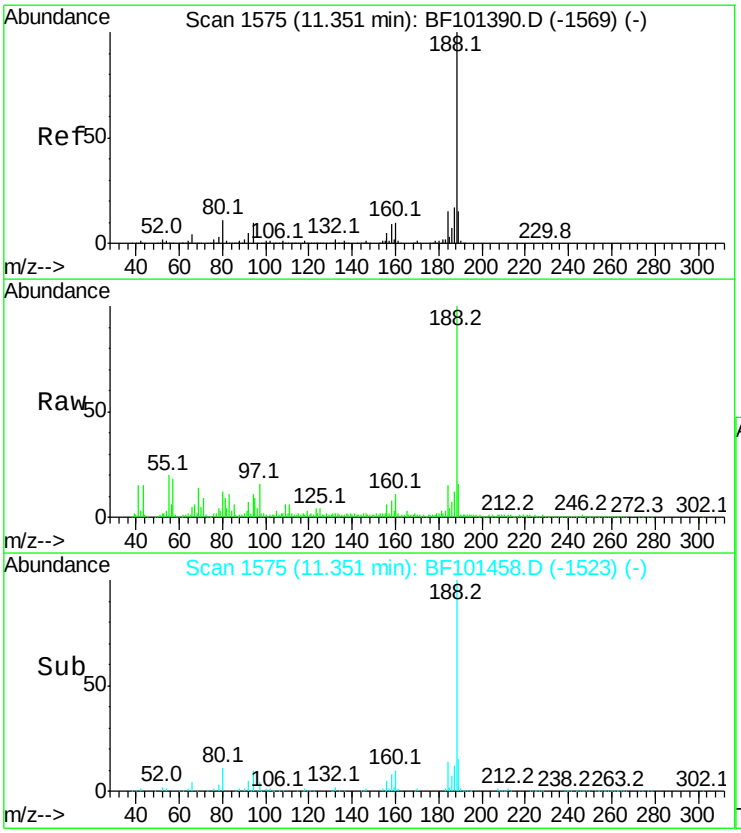
#57
Fluorene
Concen: 5.341 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.00 min
Lab File: BF101458.D
Acq: 15 Dec 2017 22:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 90024

Ion	Ratio	Lower	Upper
166	100		
165	106.1	79.8	119.8
167	23.6	10.6	16.0#

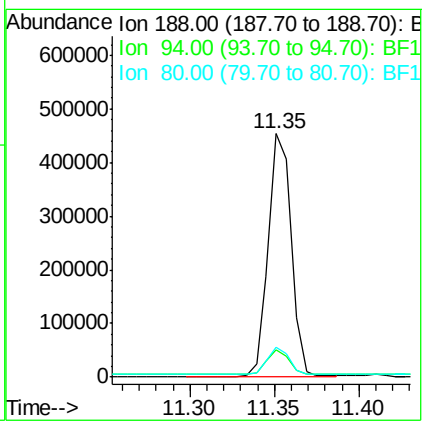


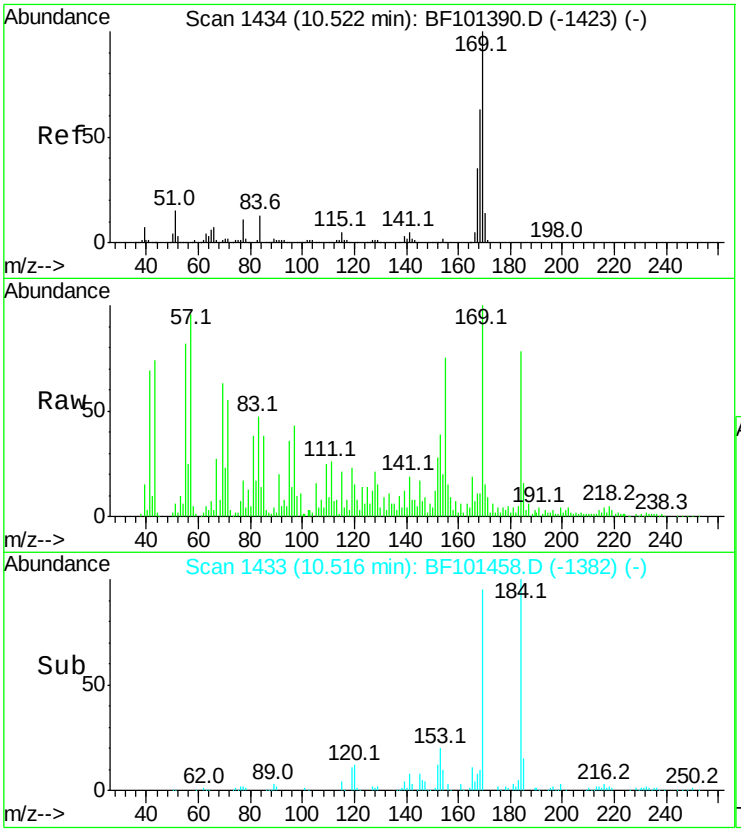


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.01 min
Lab File: BF101458.D
Acq: 15 Dec 2017 22:08

Tgt Ion:188 Resp: 420072

Ion	Ratio	Lower	Upper
188	100		
94	11.4	8.5	12.7
80	12.5	9.2	13.8



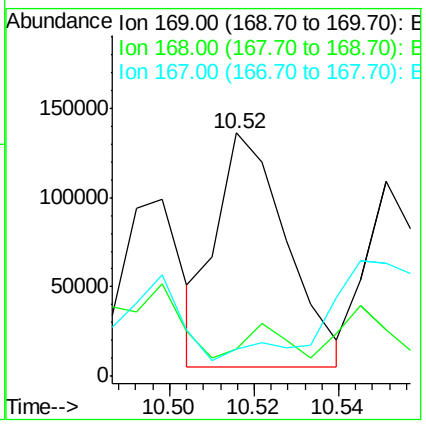


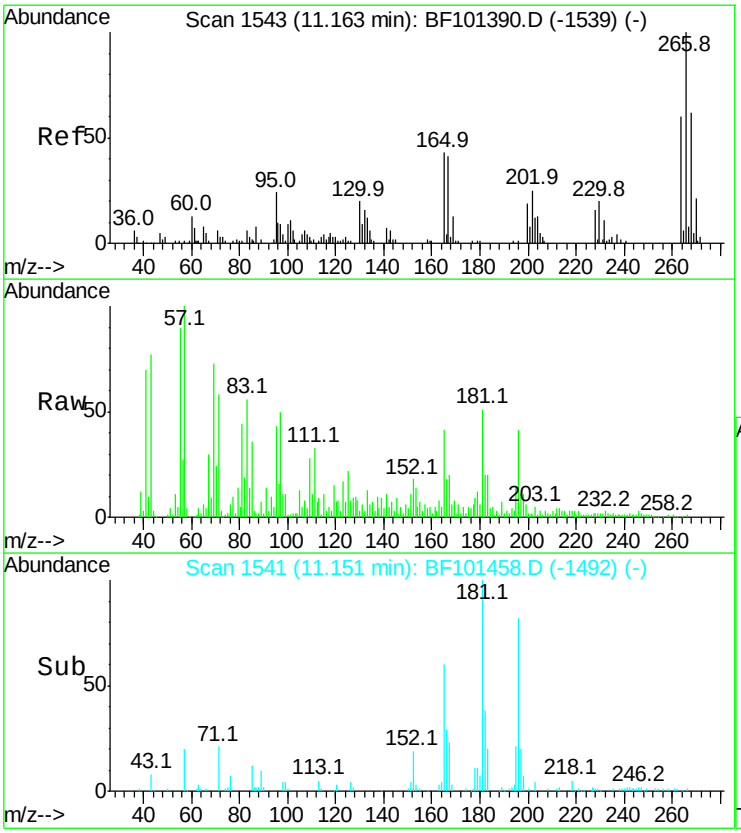
#65
n-Nitrosodiphenylamine
Concen: 9.703 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BF101458.D
Acq: 15 Dec 2017 22:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:169 Resp: 150510

Ion	Ratio	Lower	Upper
169	100		
168	11.4	54.4	81.6#
167	11.0	29.8	44.6#

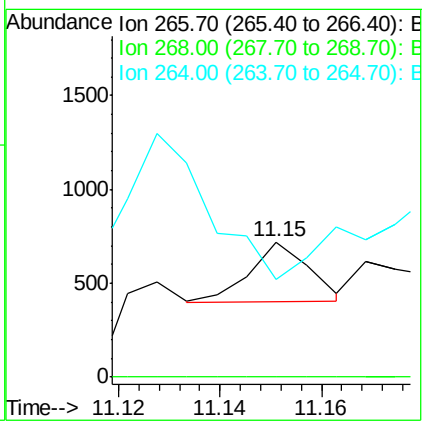


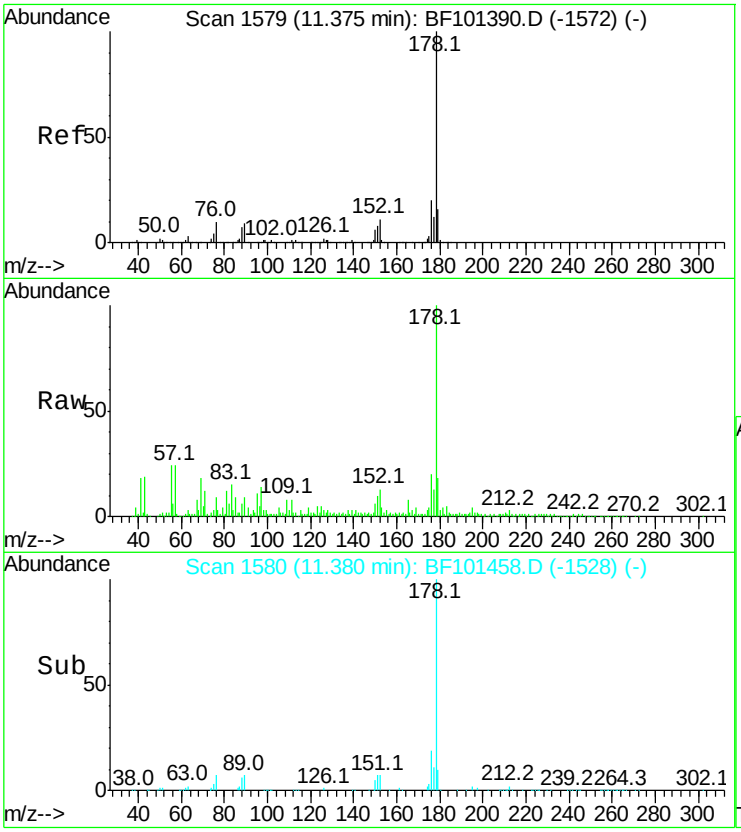


#69
Pentachlorophenol
Concen: 6.677 ng
RT: 11.15 min Scan# 1541
Delta R.T. -0.01 min
Lab File: BF101458.D
Acq: 15 Dec 2017 22:08

Tgt Ion:266 Resp: 255

Ion	Ratio	Lower	Upper
266	100		
268	0.0	51.1	76.7#
264	72.7	49.5	74.3



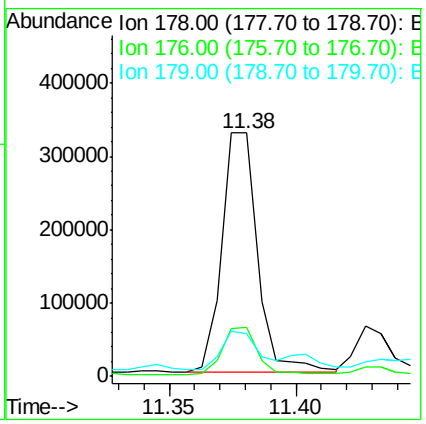


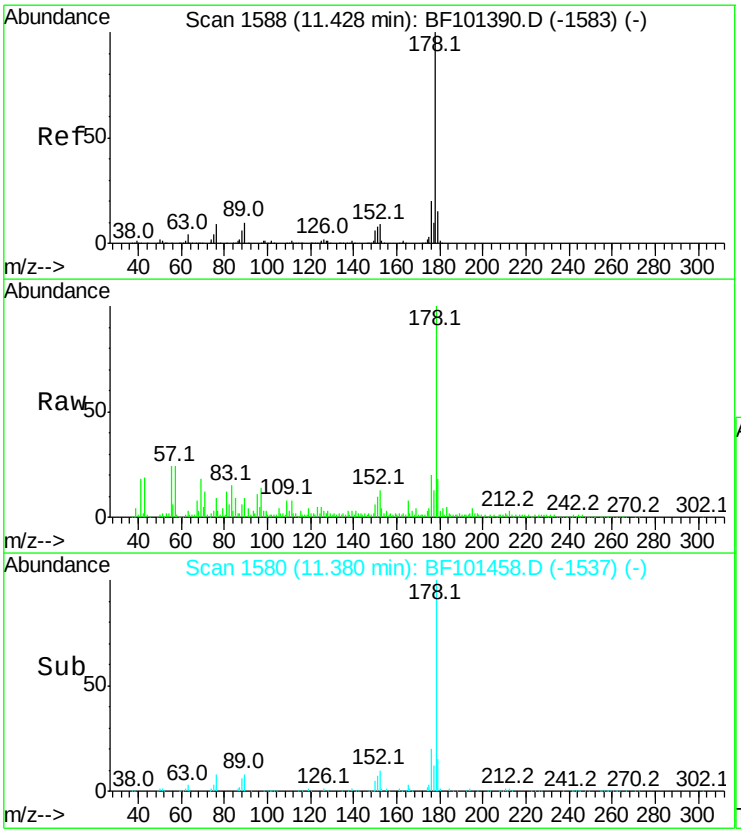
#70
Phenanthrene
Concen: 13.748 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.01 min
Lab File: BF101458.D
Acq: 15 Dec 2017 22:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 321169

Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.8	23.8
179	17.6	13.0	19.6

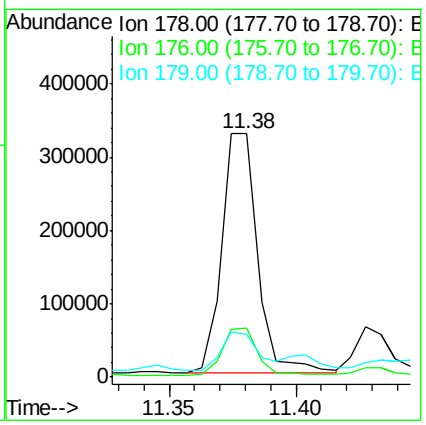


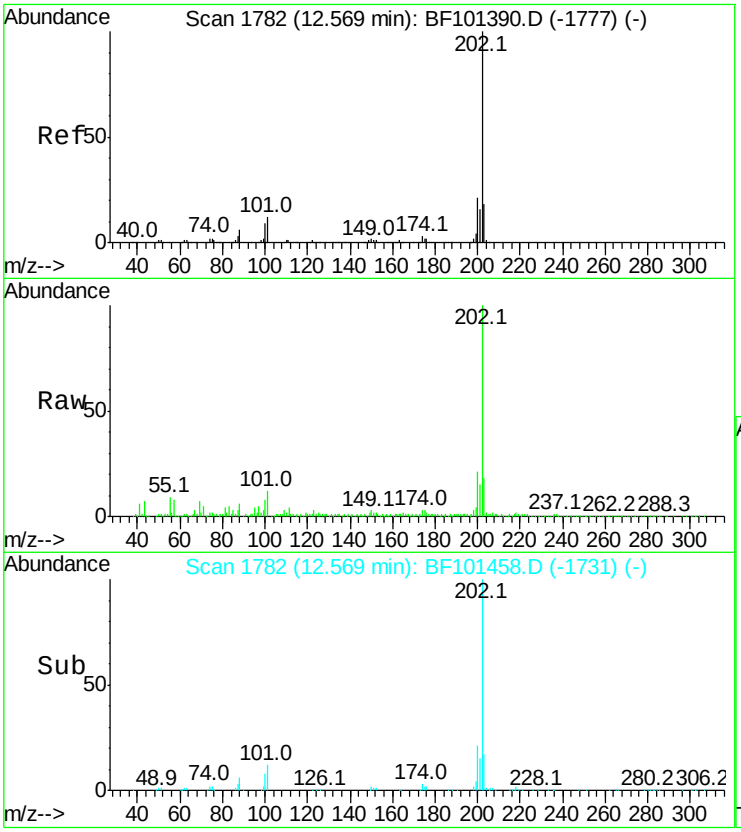


#71
Anthracene
Concen: 13.448 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.05 min
Lab File: BF101458.D
Acq: 15 Dec 2017 22:08

Tgt Ion:178 Resp: 320912

Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.4	23.2
179	17.6	12.6	19.0



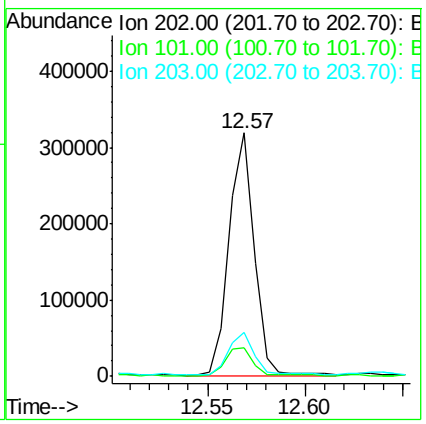


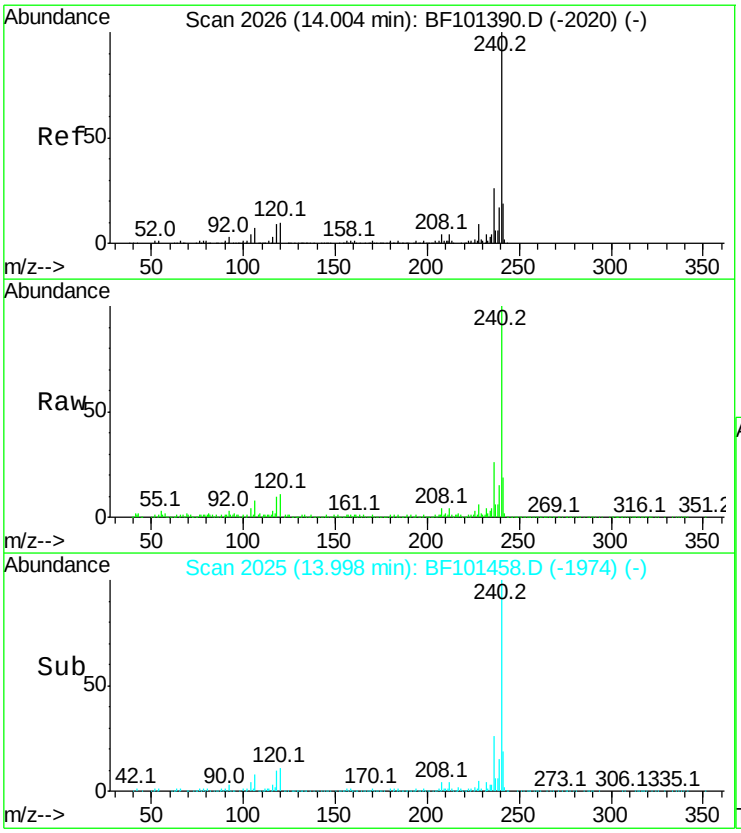
#74
Fluoranthene
Concen: 11.593 ng
RT: 12.57 min Scan# 1782
Delta R.T. 0.00 min
Lab File: BF101458.D
Acq: 15 Dec 2017 22:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 284263

Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	34.1
203	17.9	0.0	38.1

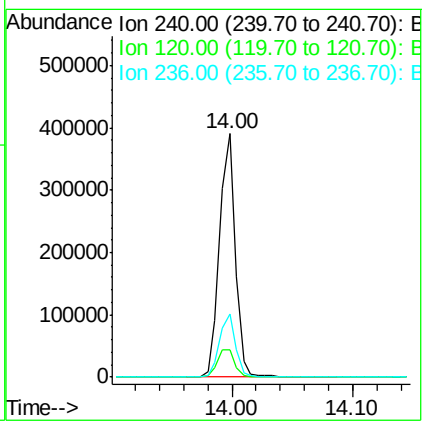


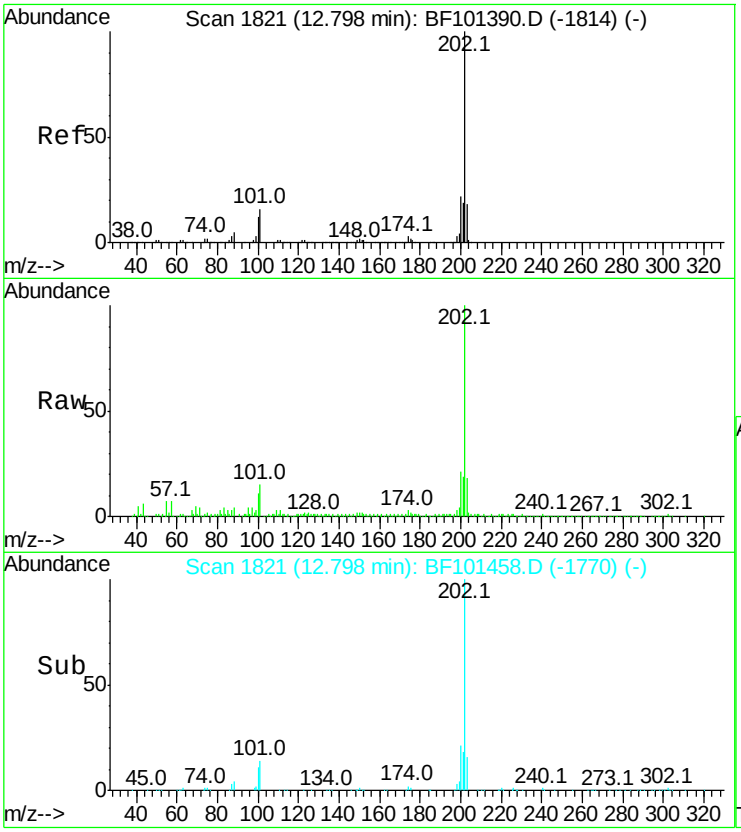


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF101458.D
Acq: 15 Dec 2017 22:08

Tgt Ion:240 Resp: 350667

Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.5	14.3
236	25.7	20.7	31.1



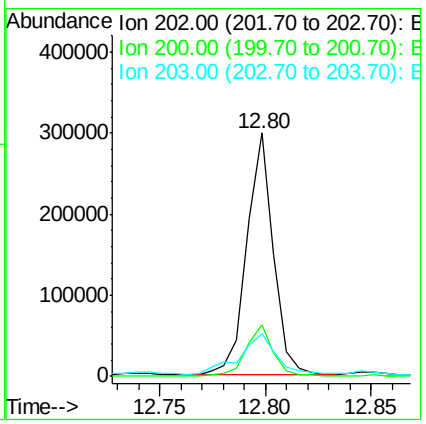


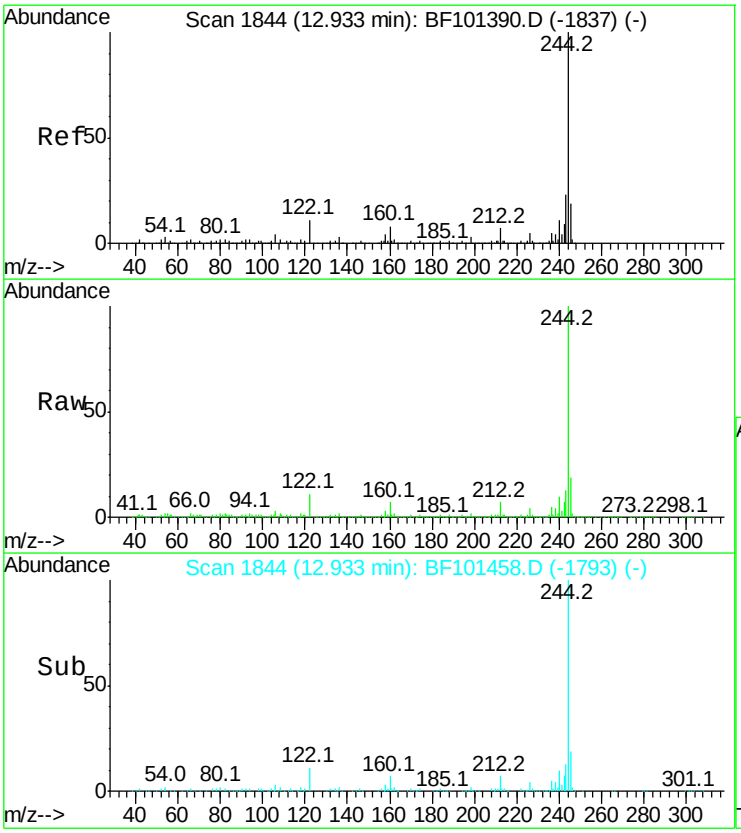
#77
Pyrene
Concen: 10.004 ng
RT: 12.80 min Scan# 1821
Delta R.T. 0.00 min
Lab File: BF101458.D
Acq: 15 Dec 2017 22:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 263268

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.4	26.2
203	17.7	14.3	21.5

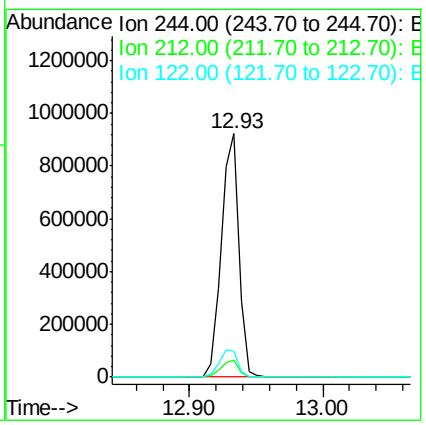


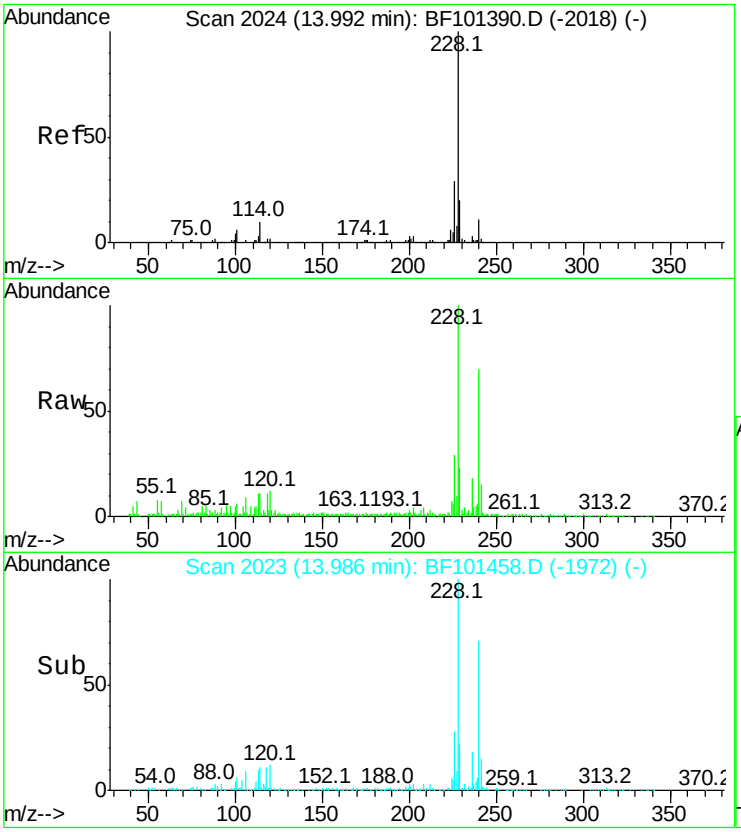


#78
Terphenyl-d14
Concen: 59.221 ng
RT: 12.93 min Scan# 1844
Delta R.T. 0.00 min
Lab File: BF101458.D
Acq: 15 Dec 2017 22:08

Tgt Ion:244 Resp: 861414

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	10.7	11.0	16.4#



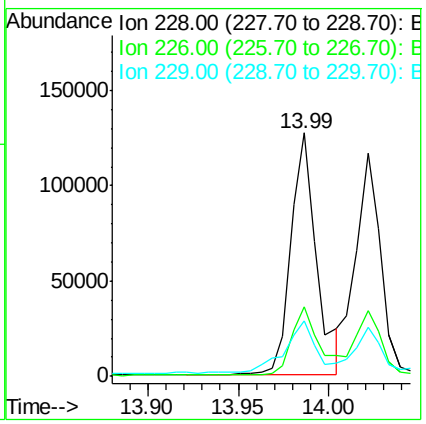


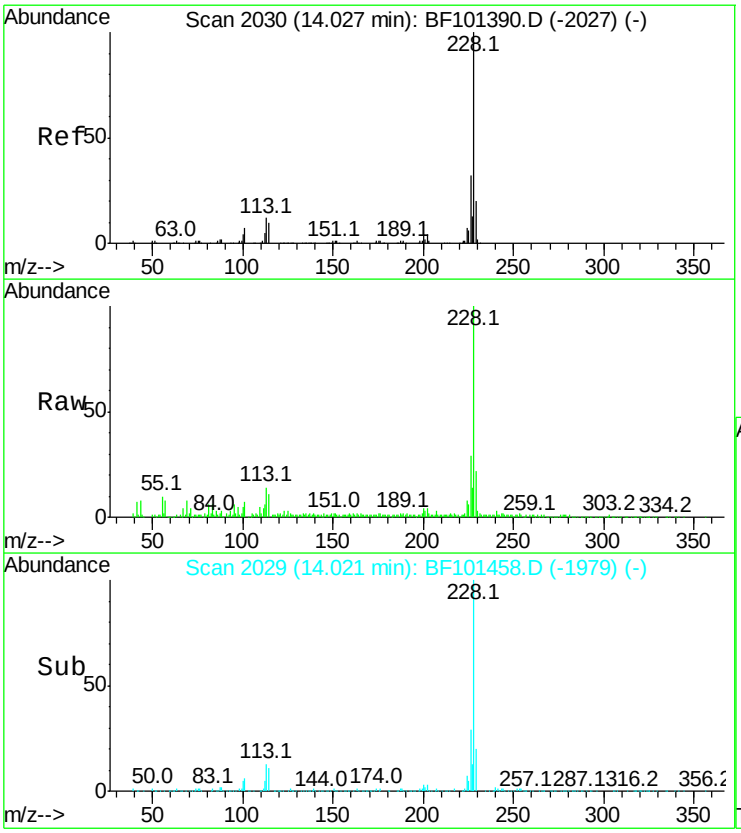
#80
Benzo(a)anthracene
Concen: 5.473 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BF101458.D
Acq: 15 Dec 2017 22:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 126733

Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.6	33.8
229	22.8	15.8	23.6

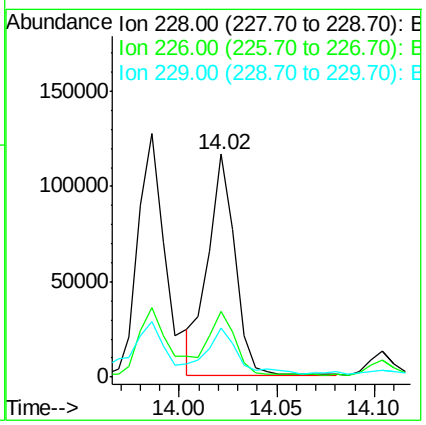


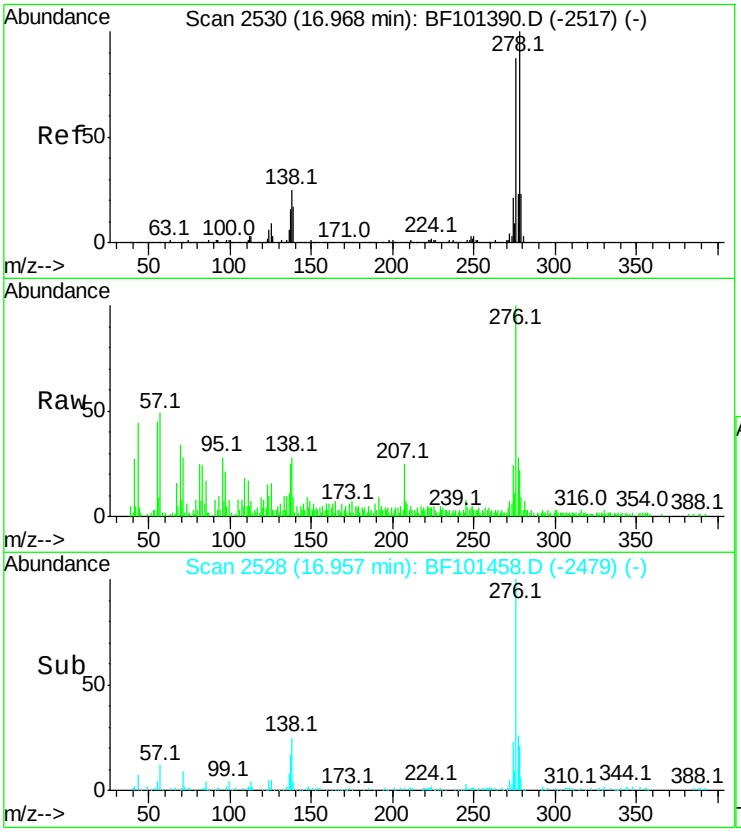


#82
Chrysene
Concen: 5.116 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF101458.D
Acq: 15 Dec 2017 22:08

Tgt Ion:228 Resp: 111849

Ion	Ratio	Lower	Upper
228	100		
226	29.4	25.0	37.6
229	22.3	16.2	24.4



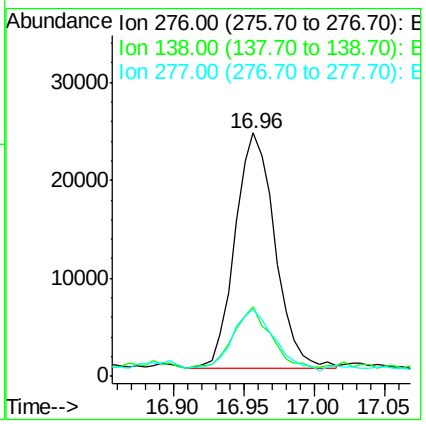


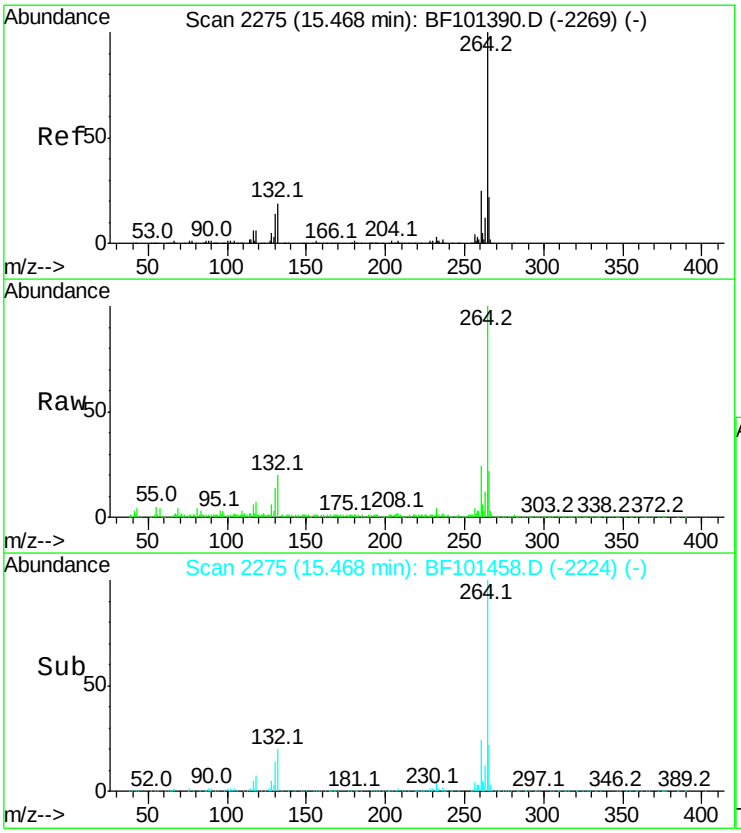
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.455 ng
RT: 16.96 min Scan# 2528
Delta R.T. -0.01 min
Lab File: BF101458.D
Acq: 15 Dec 2017 22:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 47797

Ion	Ratio	Lower	Upper
276	100		
138	24.7	25.0	37.6#
277	27.3	20.1	30.1

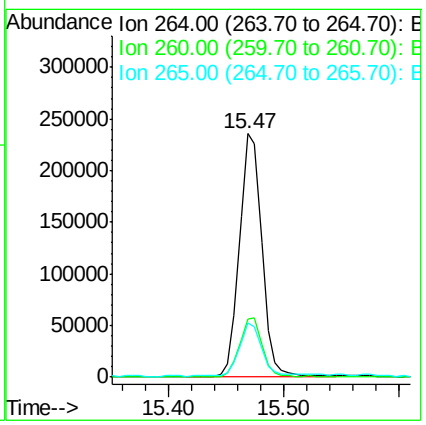


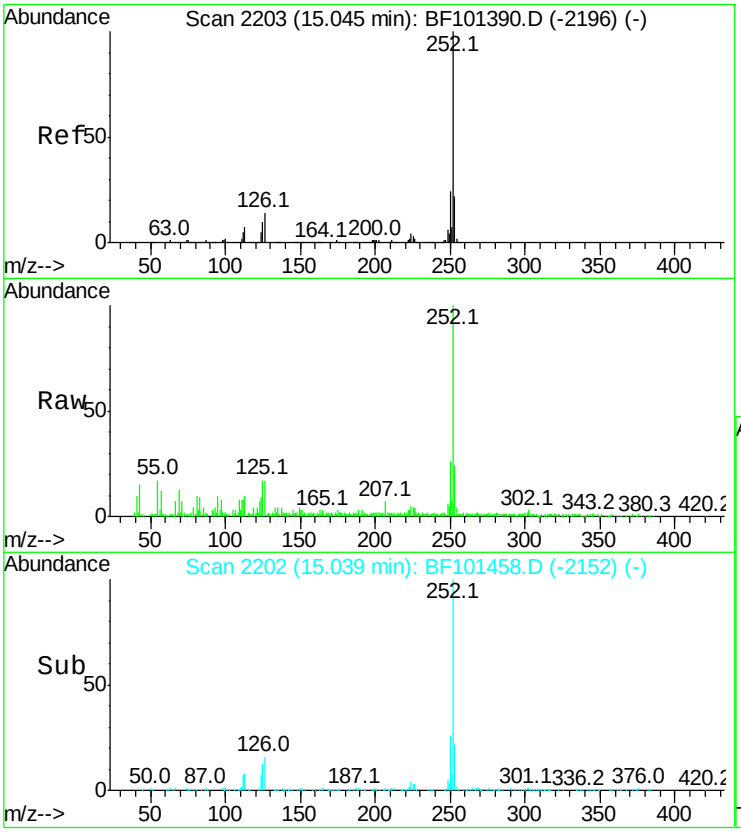


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.00 min
Lab File: BF101458.D
Acq: 15 Dec 2017 22:08

Tgt Ion:264 Resp: 315911

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.0	17.5	26.3



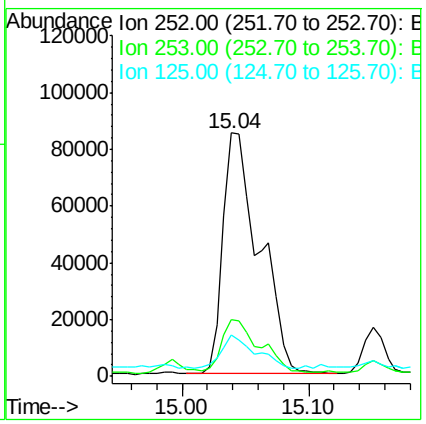


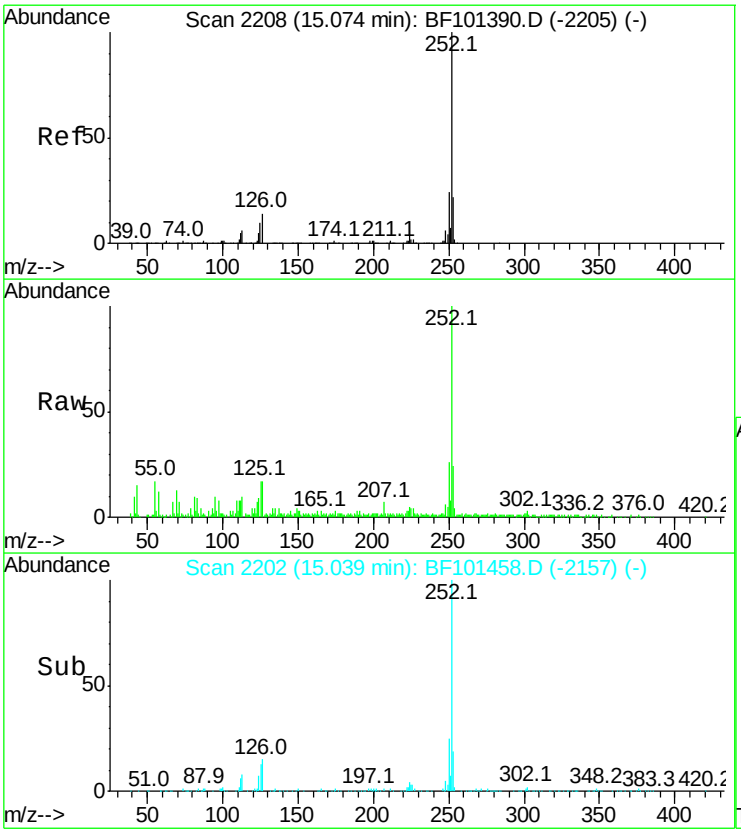
#87
Benzo(b)fluoranthene
Concen: 8.819 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BF101458.D
Acq: 15 Dec 2017 22:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 169812

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.0	25.6
125	16.9	9.0	13.6#

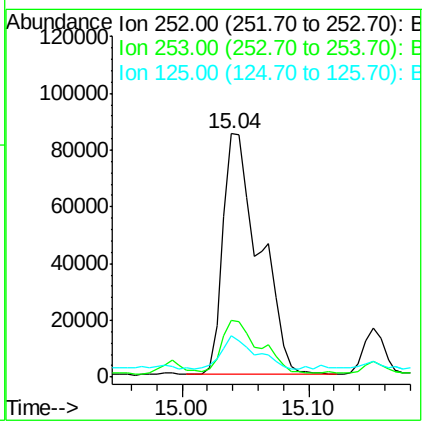


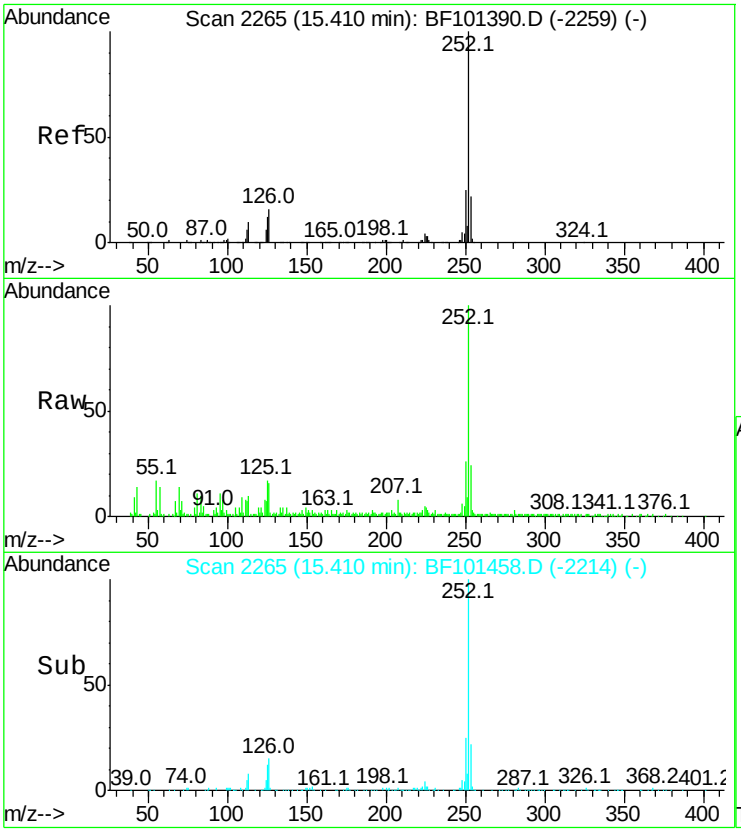


#88
Benzo(k)fluoranthene
Concen: 9.070 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.04 min
Lab File: BF101458.D
Acq: 15 Dec 2017 22:08

Tgt Ion:252 Resp: 169812

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.9	26.9
125	16.9	10.2	15.2#



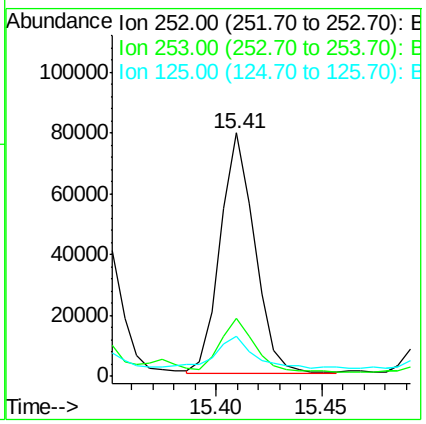


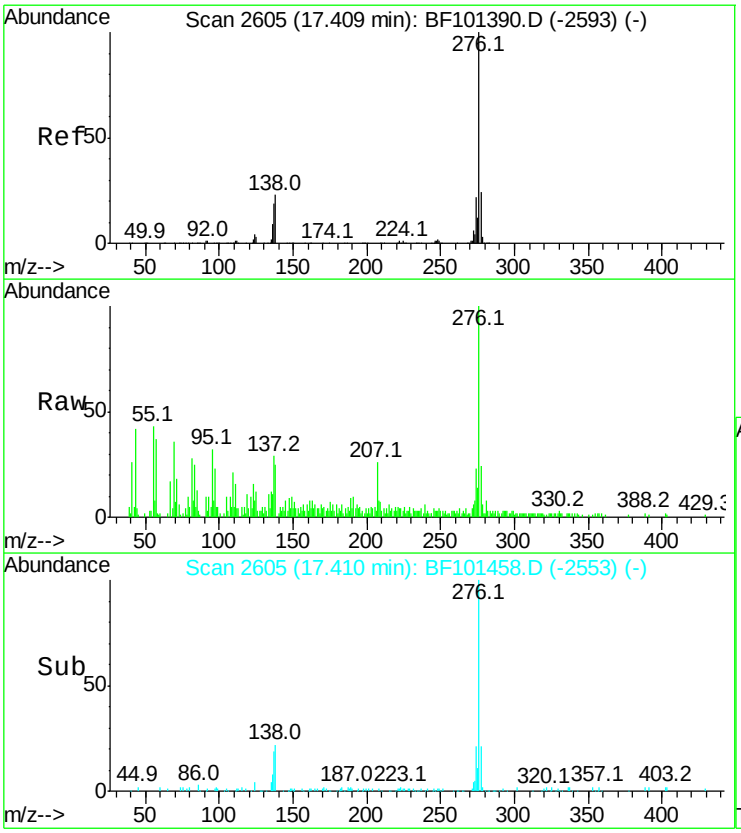
#89
Benzo(a)pyrene
Concen: 5.052 ng
RT: 15.41 min Scan# 2265
Delta R.T. 0.00 min
Lab File: BF101458.D
Acq: 15 Dec 2017 22:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 89679

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.1	25.7
125	16.6	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 3.144 ng
RT: 17.41 min Scan# 2605
Delta R.T. 0.01 min
Lab File: BF101458.D
Acq: 15 Dec 2017 22:08

Tgt Ion:276 Resp: 47442

Ion	Ratio	Lower	Upper
276	100		
277	24.3	17.9	26.9
138	24.7	21.8	32.8