Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101415.D
Acq On : 15 Dec 2017 1:10
Operator : SJ/JU
Sample : I6827-01 100X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 15 02:15:25 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	6.81	152	173243	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	685751	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	313019	20.00	ng		0.00
63) Phenanthrene-d10	11.35	188	566881	20.00	ng		0.00
75) Chrysene-d12	13.99	240	362111	20.00	ng		-0.01
86) Perylene-d12	15.46	264	326300	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	0.00	112	0	0.00	ng		
7) Phenol-d6	6.48	99	999	0.07	ng		0.02
23) Nitrobenzene-d5	7.40	82	779	0.06	ng		0.02
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng		
44) 2-Fluorobiphenyl	9.17	172	2162	0.11	ng		0.00
78) Terphenyl-d14	12.92	244	3203	0.21	ng		-0.01
Target Compounds							Qvalue
20) 3+4-Methylphenols	7.25	107	28862	2.420	ng		93
31) Naphthalene	8.13	128	3497844	101.319	ng		98
32) Benzoic acid	7.90	122	10438	9.259	ng	#	18
33) 4-Chloroaniline	8.13	127	489028	32.591	ng	#	36
35) Caprolactam	8.81	113	14201	4.160	ng	#	1
37) 2-Methylnaphthalene	8.81	142	628570	27.946	ng		99
45) 1,1'-Biphenyl	9.27	154	181189	6.527	ng		98
48) Acenaphthylene	9.72	152	831697	24.790	ng		100
50) 2,6-Dinitrotoluene	9.85	165	51721	10.107	ng	#	26
51) Acenaphthene	9.89	154	145438	7.215	ng		98
54) Dibenzofuran	10.06	168	629921	24.592	ng		99
55) 4-Nitrophenol	10.06	139	238830	85.850	ng	#	10
57) Fluorene	10.40	166	735616	33.948	ng		100
70) Phenanthrene	11.37	178	1958692	62.131	ng		99
71) Anthracene	11.42	178	882207	27.396	ng		99
72) Carbazole	11.58	167	365423	12.120	ng		98
74) Fluoranthene	12.56	202	1408668	42.571	ng		99
77) Pyrene	12.79	202	1089011	40.072	ng		99
80) Benzo(a)anthracene	13.98	228	491467	20.554	ng		97
82) Chrysene	14.02	228	380640	16.860	ng		96
85) Indeno(1,2,3-cd)pyrene	16.94	276	136867	6.808	ng	#	91
87) Benzo(b)fluoranthene	15.03	252	498834	25.081	ng		98
88) Benzo(k)fluoranthene	15.03	252	498834	25.796	ng		99
89) Benzo(a)pyrene	15.40	252	283115	15.442	ng		97
90) Dibenzo(a,h)anthracene	17.11	278	35939	2.283	ng		96
91) Benzo(g,h,i)perylene	17.39	276	114423	7.341	ng		95

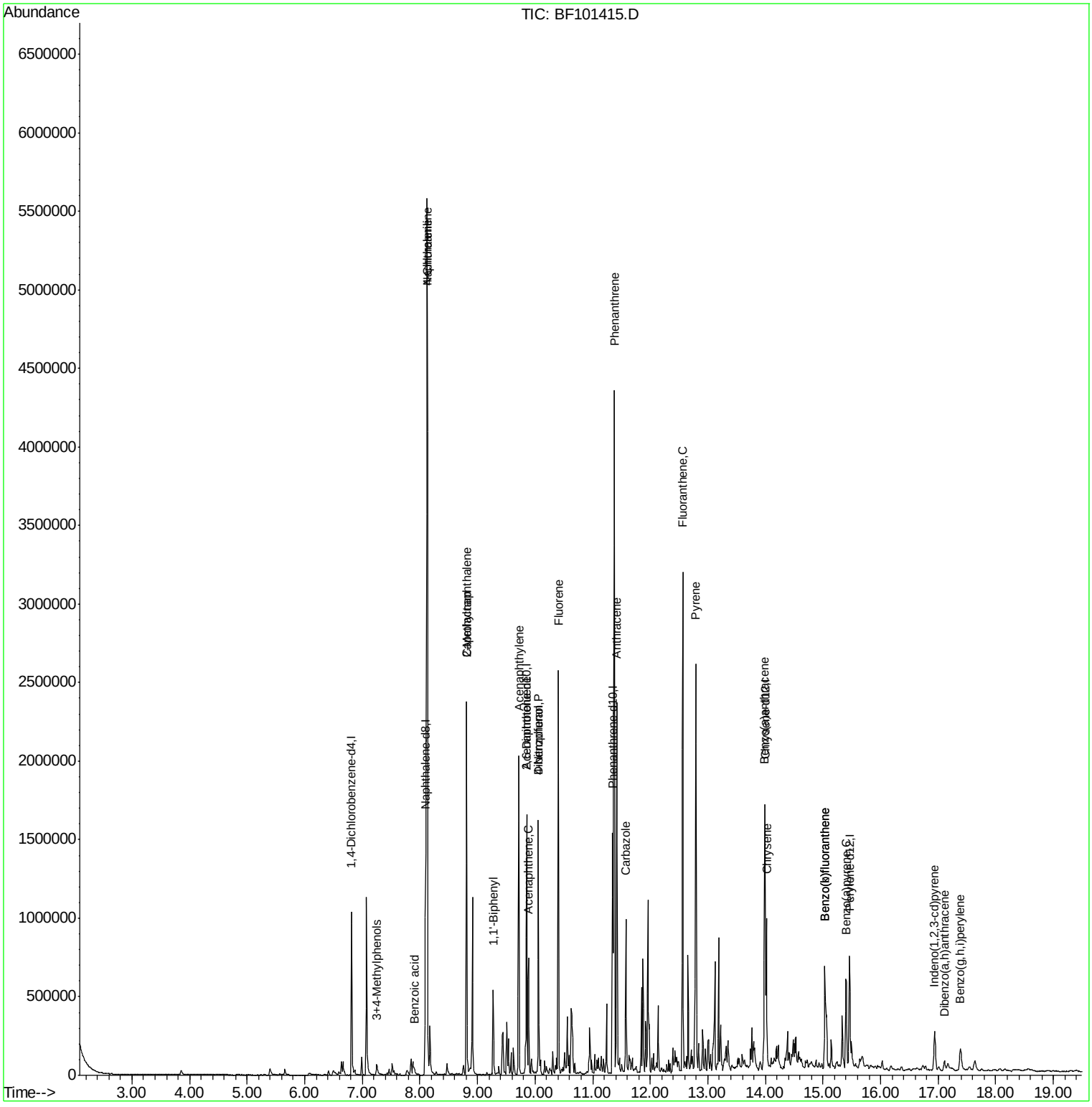
(#) = qualifier out of range (m) = manual integration (+) = signals summed

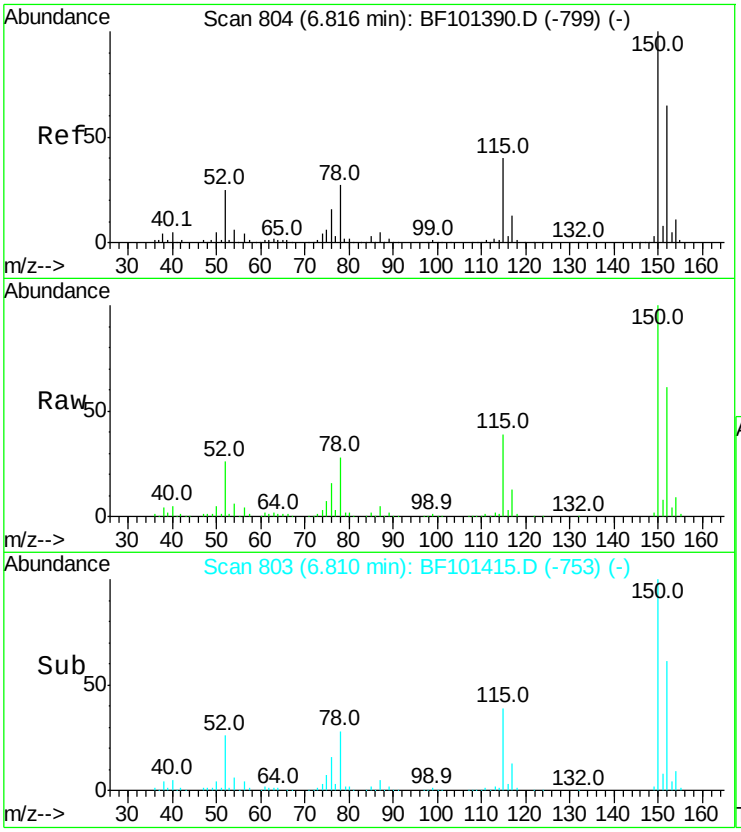
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101415.D
Acq On : 15 Dec 2017 1:10
Operator : SJ/JU
Sample : I6827-01 100X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 15 02:15:25 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

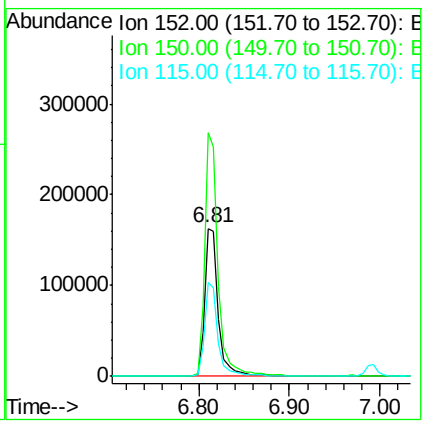




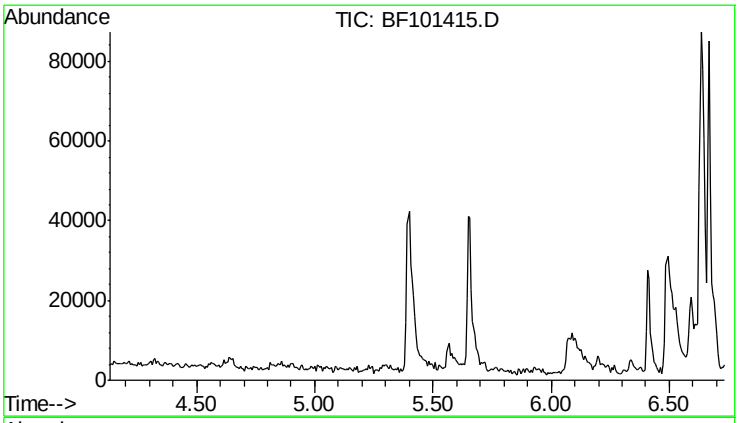
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF101415.D
Acq: 15 Dec 2017 1:10

Tgt Ion:152 Resp: 173243

Ion	Ratio	Lower	Upper
152	100		
150	164.6	124.6	186.8
115	63.8	50.1	75.1



Instrument :
BNA_F
ClientSampleId :

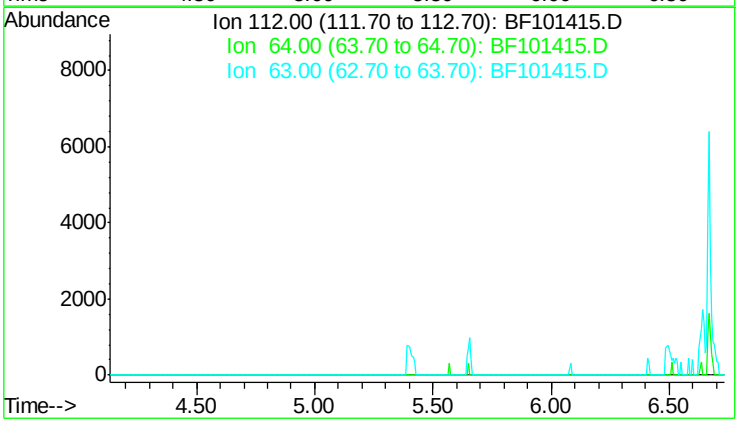


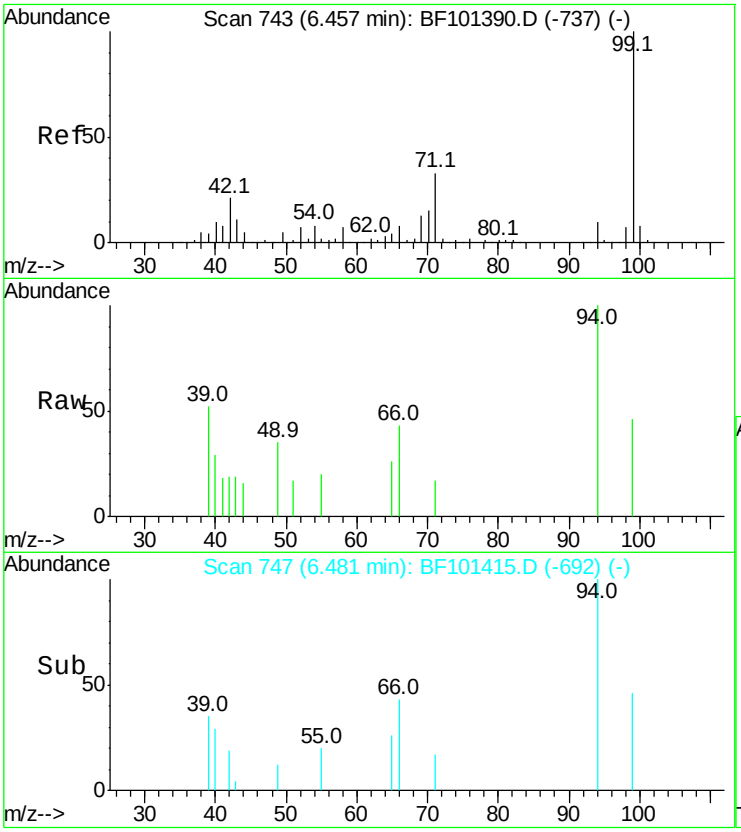
#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.43 min

Lab File: BF101415.D
Acq: 15 Dec 2017 1:10

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	59.9
63	29.6



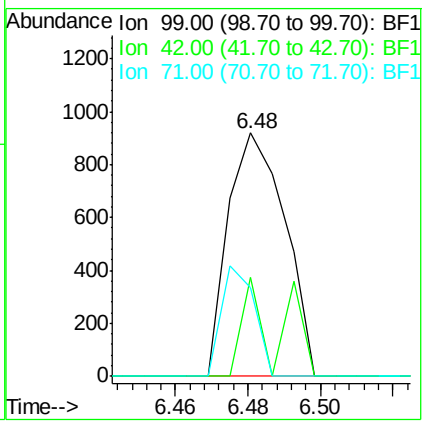


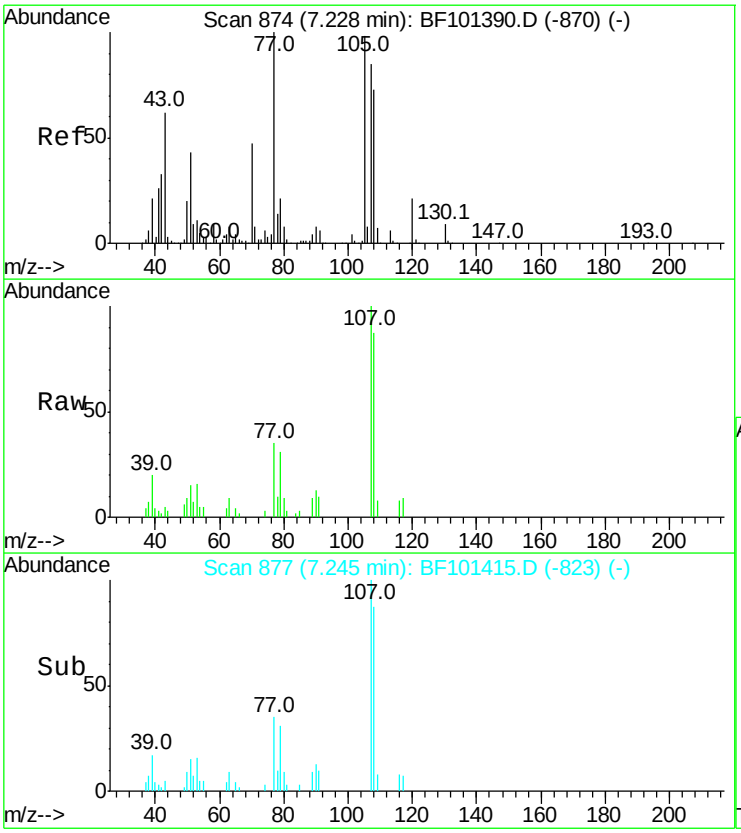
#7
Phenol-d6
Concen: 0.069 ng
RT: 6.48 min Scan# 747
Delta R.T. 0.02 min
Lab File: BF101415.D
Acq: 15 Dec 2017 1:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 999

Ion	Ratio	Lower	Upper
99	100		
42	40.8	14.5	21.7#
71	36.6	25.4	38.0

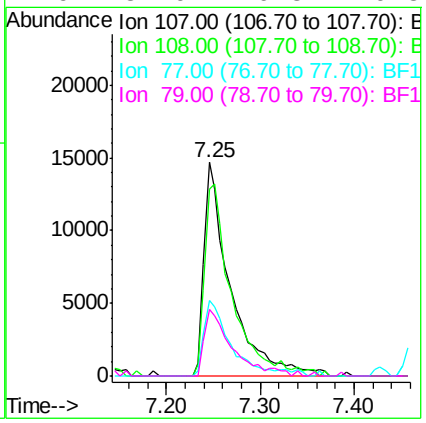


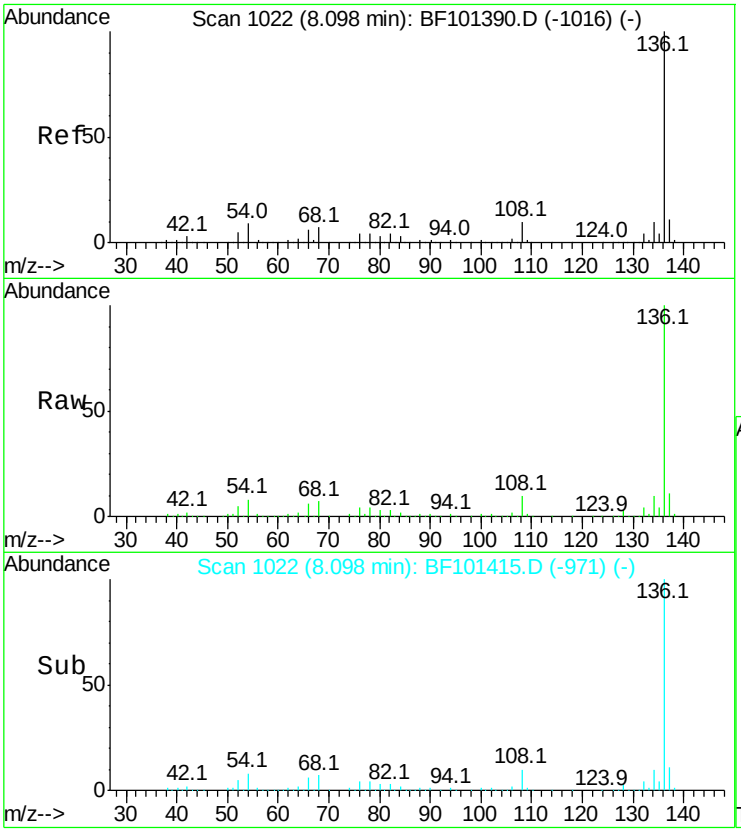


#20
3+4-Methylphenols
Concen: 2.420 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.02 min
Lab File: BF101415.D
Acq: 15 Dec 2017 1:10

Tgt Ion:107 Resp: 28862

Ion	Ratio	Lower	Upper
107	100		
108	87.3	68.2	108.2
77	35.2	26.7	66.7
79	31.0	6.3	46.3



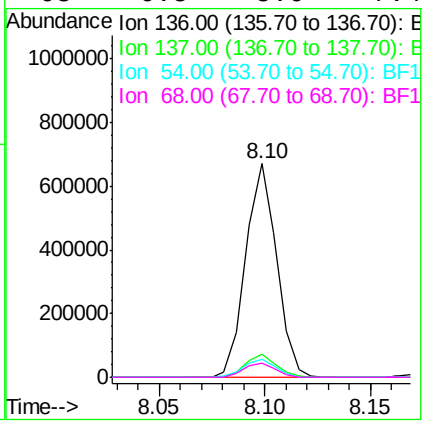


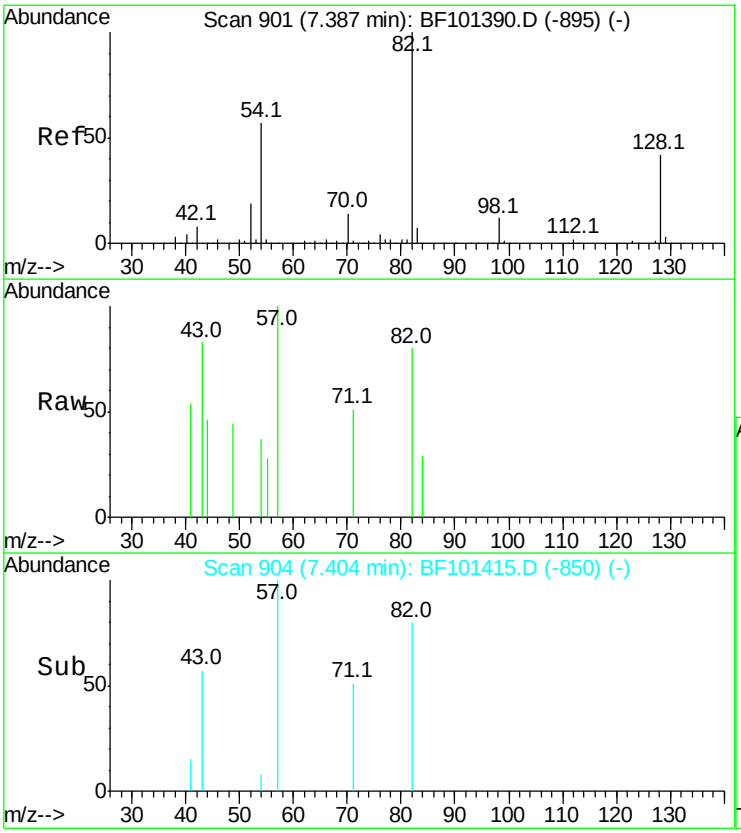
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF101415.D
Acq: 15 Dec 2017 1:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 685751

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	8.5	6.6	9.8
68	6.5	5.0	7.4

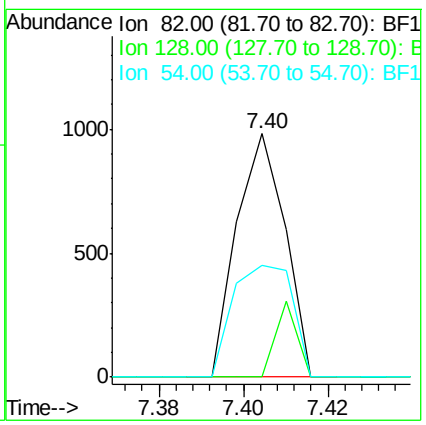


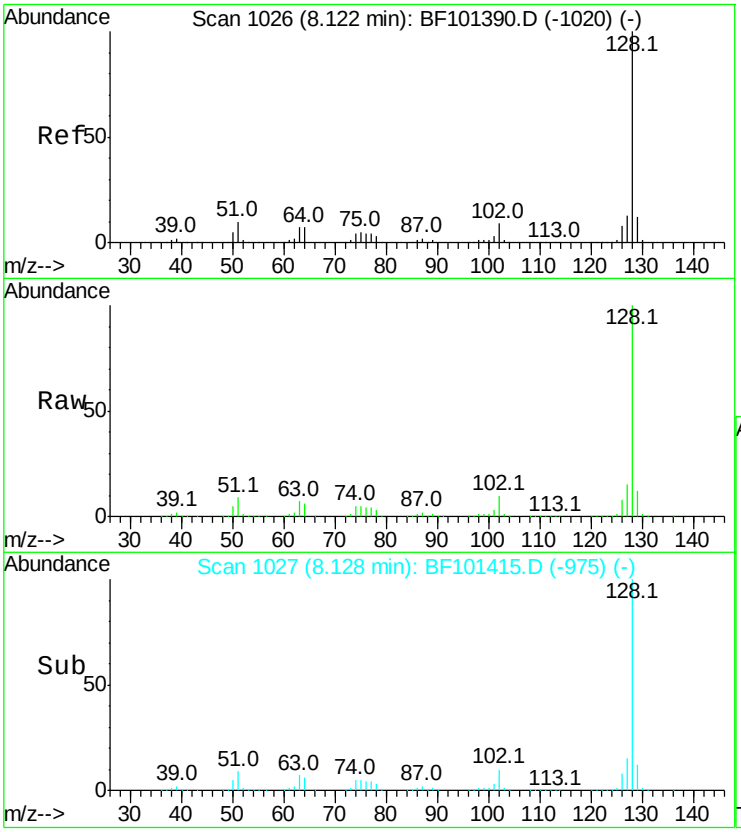


#23
Nitrobenzene-d5
Concen: 0.063 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.02 min
Lab File: BF101415.D
Acq: 15 Dec 2017 1:10

Tgt Ion: 82 Resp: 779

Ion	Ratio	Lower	Upper
82	100		
128	0.0	36.1	54.1#
54	45.7	41.4	62.2



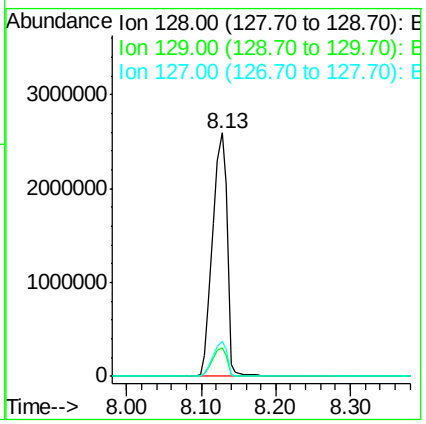


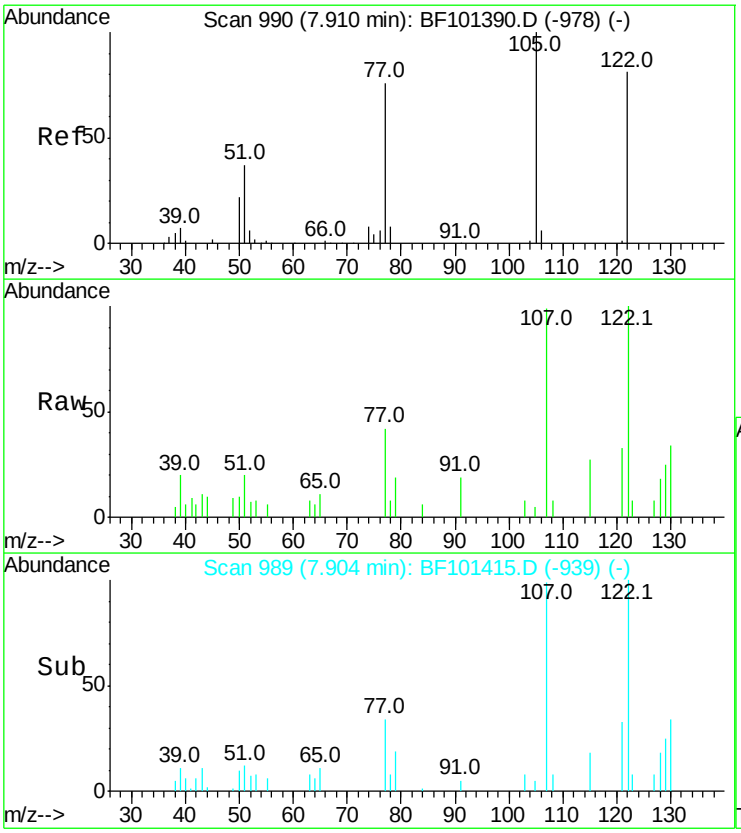
#31
Naphthalene
Concen: 101.319 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BF101415.D
Acq: 15 Dec 2017 1:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 3497844

Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.8	13.2
127	14.5	10.9	16.3

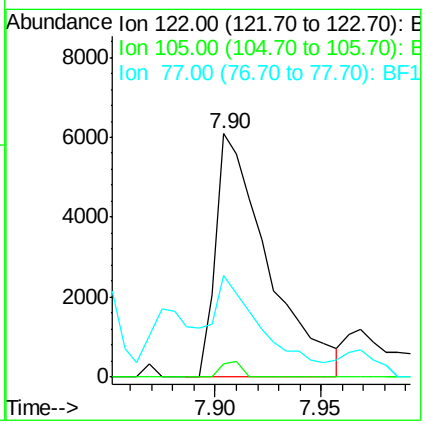


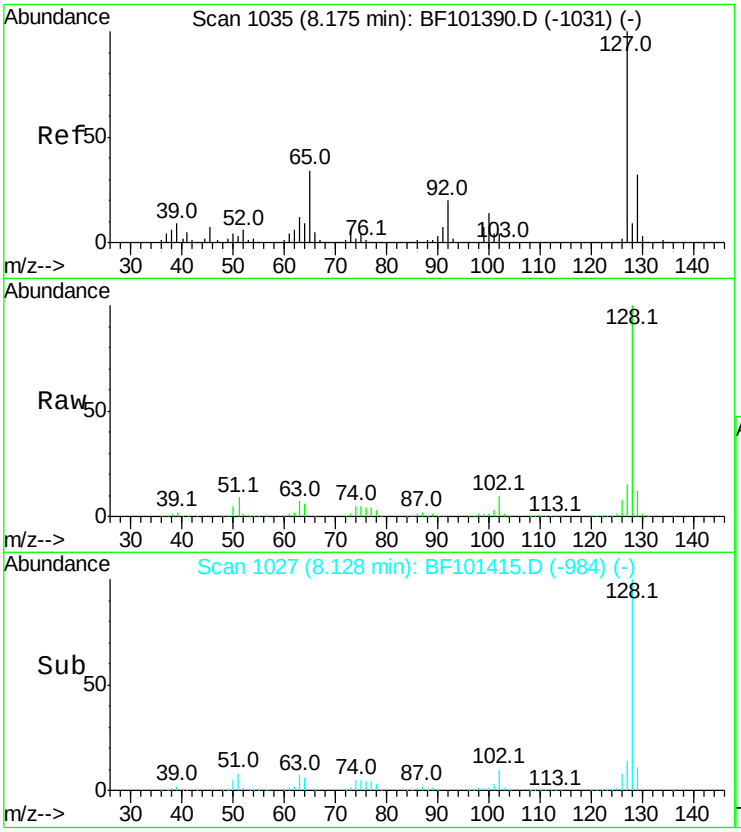


#32
Benzoic acid
Concen: 9.259 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF101415.D
Acq: 15 Dec 2017 1:10

Tgt Ion:122 Resp: 10438

Ion	Ratio	Lower	Upper
122	100		
105	5.2	101.1	141.1#
77	41.5	70.7	110.7#



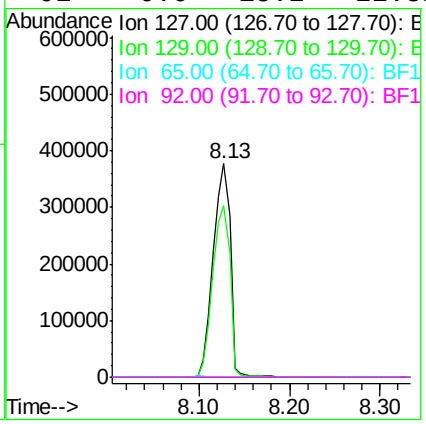


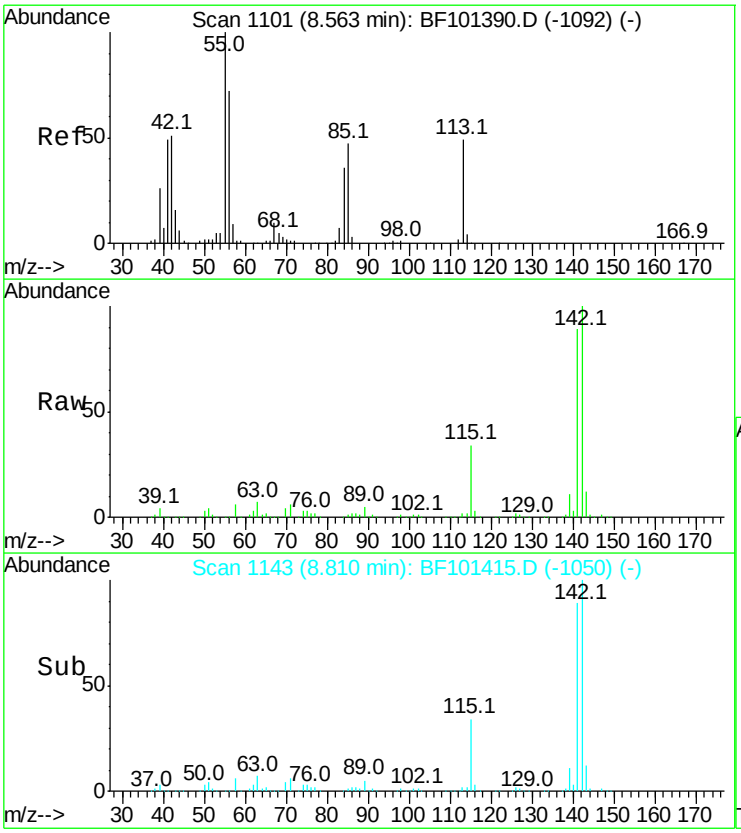
#33
4-Chloroaniline
Concen: 32.591 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.05 min
Lab File: BF101415.D
Acq: 15 Dec 2017 1:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:127 Resp: 489028

Ion	Ratio	Lower	Upper
127	100		
129	80.2	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#

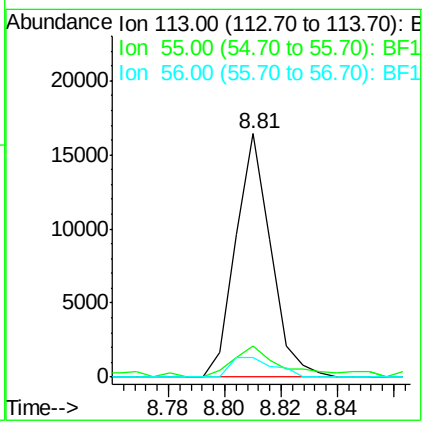


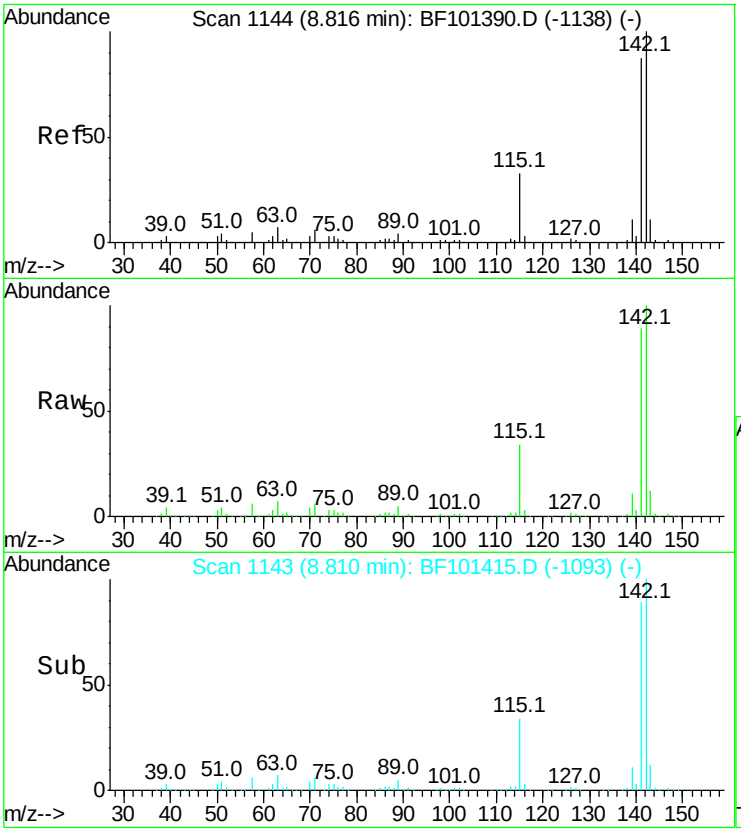


#35
Caprolactam
Concen: 4.160 ng
RT: 8.81 min Scan# 1143
Delta R.T. 0.25 min
Lab File: BF101415.D
Acq: 15 Dec 2017 1:10

Tgt Ion:113 Resp: 14201

Ion	Ratio	Lower	Upper
113	100		
55	13.0	163.3	203.3#
56	8.1	115.7	155.7#

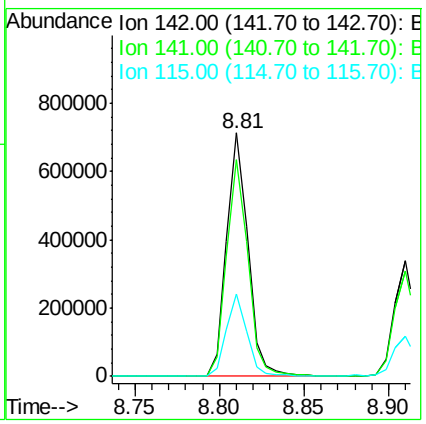




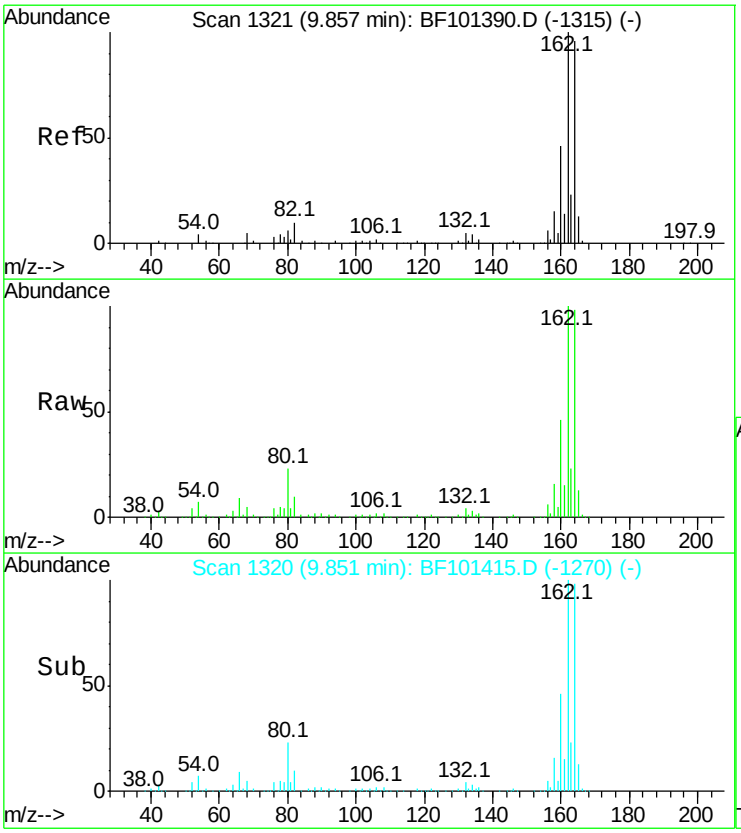
#37
2-Methylnaphthalene
Concen: 27.946 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF101415.D
Acq: 15 Dec 2017 1:10

Tgt Ion:142 Resp: 628570

Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.8	106.2
115	34.0	26.1	39.1



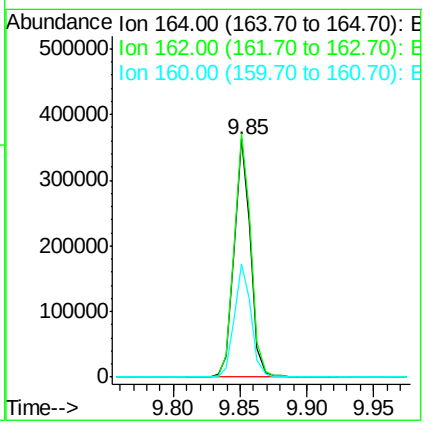
Instrument :
BNA_F
ClientSampleId :

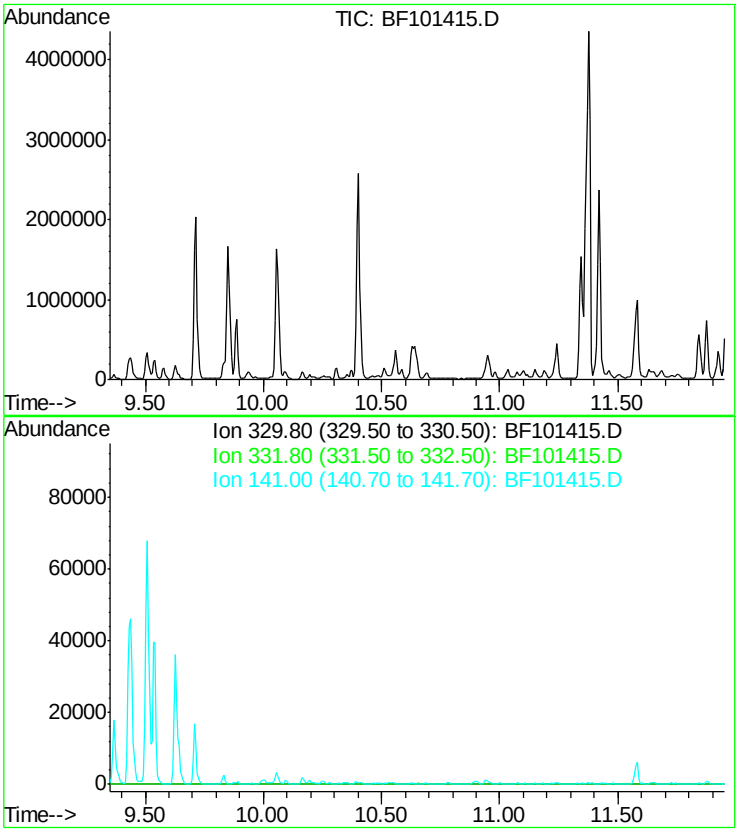


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF101415.D
Acq: 15 Dec 2017 1:10

Tgt Ion:164 Resp: 313019

Ion	Ratio	Lower	Upper
164	100		
162	102.3	86.1	129.1
160	47.3	38.3	57.5





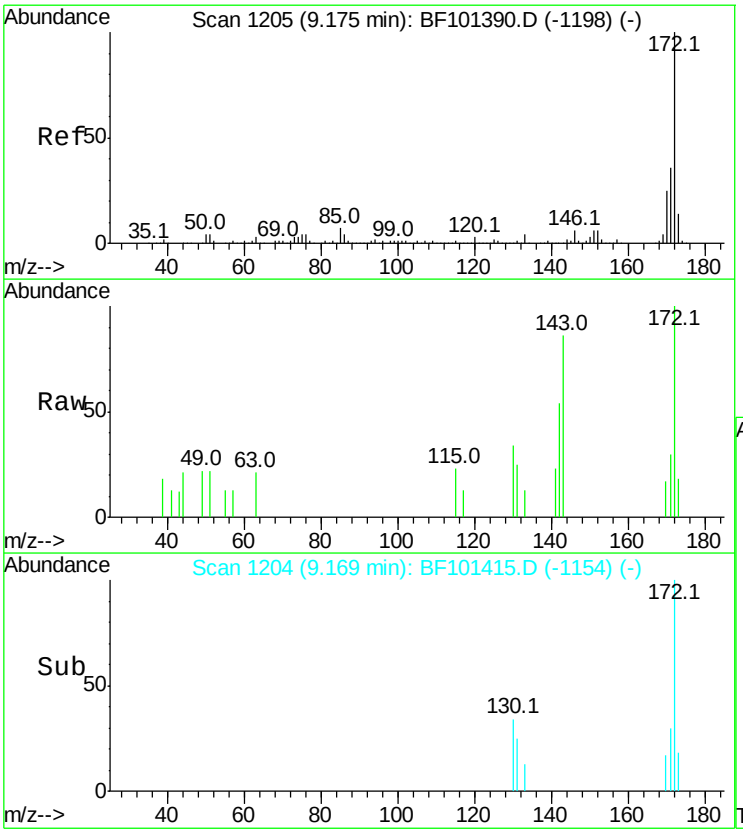
#41
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 10.65 min

Lab File: BF101415.D
Acq: 15 Dec 2017 1:10

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	96.3
141	37.4

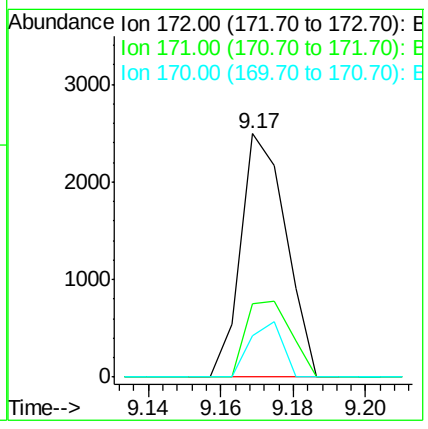
Instrument :
BNA_F
ClientSampleId :

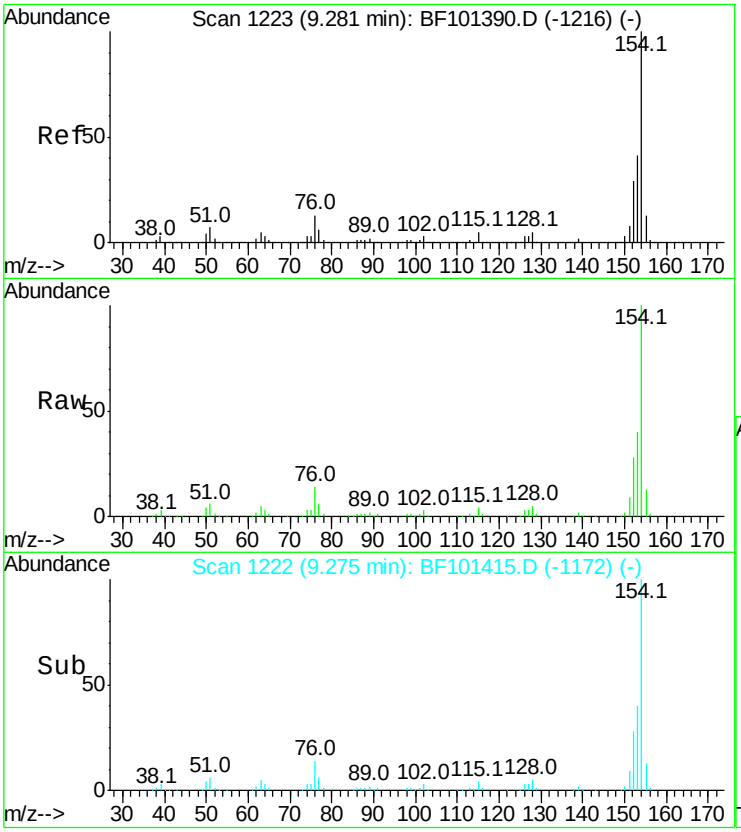


#44
2-Fluorobiphenyl
Concen: 0.107 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF101415.D
Acq: 15 Dec 2017 1:10

Tgt Ion:172 Resp: 2162

Ion	Ratio	Lower	Upper
172	100		
171	30.3	29.7	44.5
170	17.1	19.6	29.4#

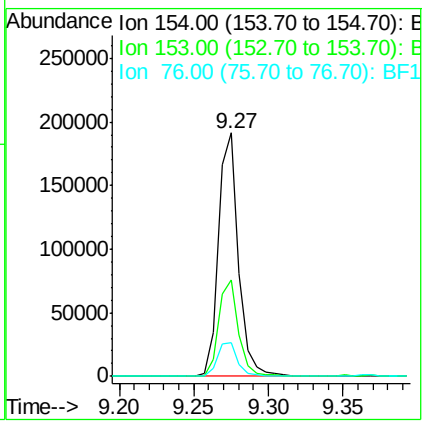




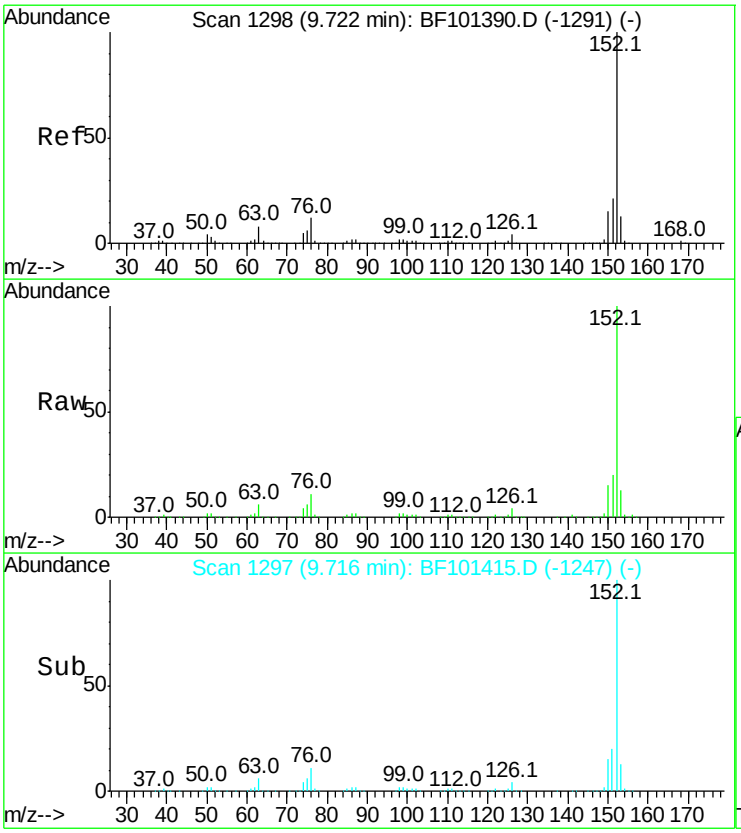
#45
1,1'-Biphenyl
Concen: 6.527 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BF101415.D
Acq: 15 Dec 2017 1:10

Tgt Ion:154 Resp: 181189

Ion	Ratio	Lower	Upper
154	100		
153	39.9	21.3	61.3
76	13.8	0.0	34.0



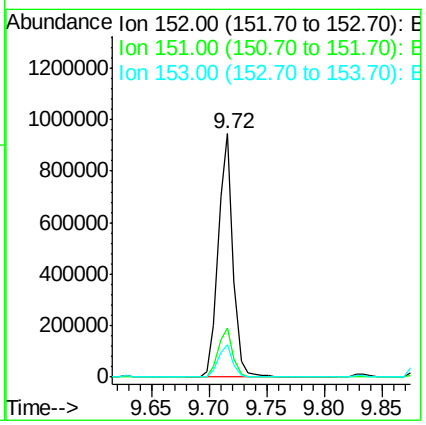
Instrument :
BNA_F
ClientSampleId :

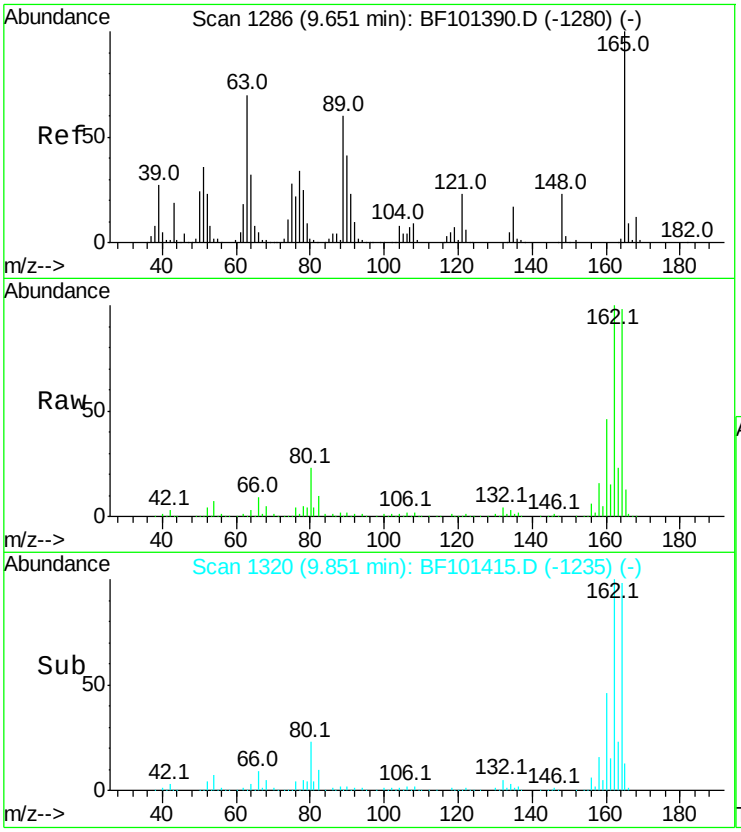


#48
Acenaphthylene
Concen: 24.790 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF101415.D
Acq: 15 Dec 2017 1:10

Tgt Ion:152 Resp: 831697

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.3	24.5
153	13.3	10.7	16.1



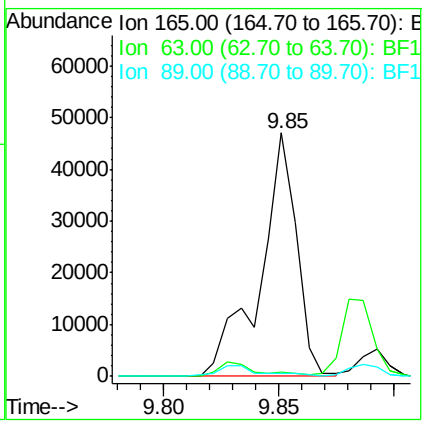


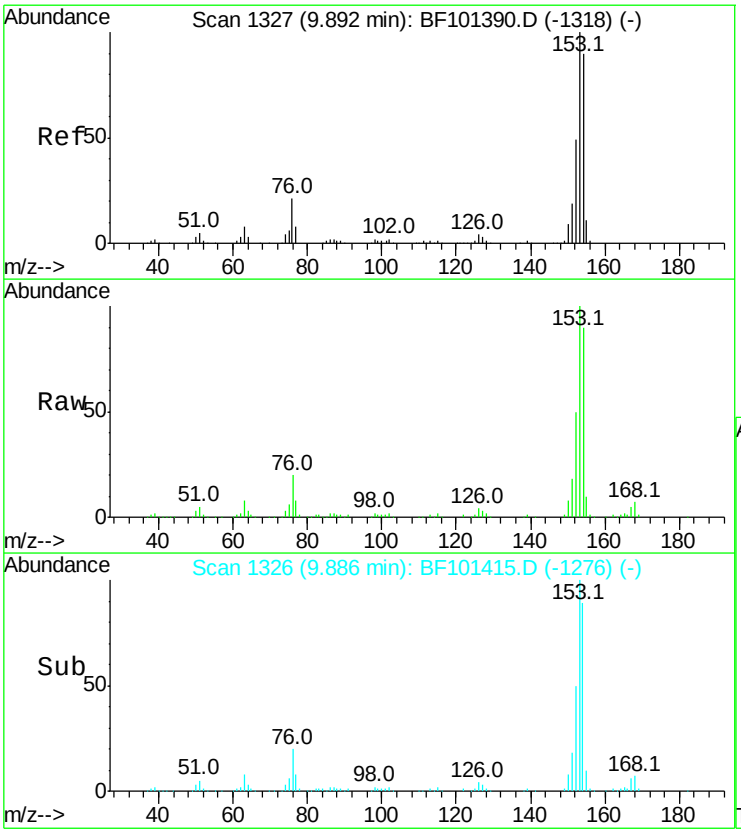
#50
2,6-Dinitrotoluene
Concen: 10.107 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.20 min
Lab File: BF101415.D
Acq: 15 Dec 2017 1:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 51721

Ion	Ratio	Lower	Upper
165	100		
63	1.8	44.7	67.1#
89	1.2	44.0	66.0#

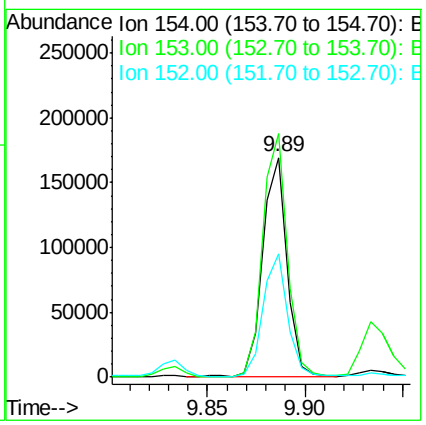


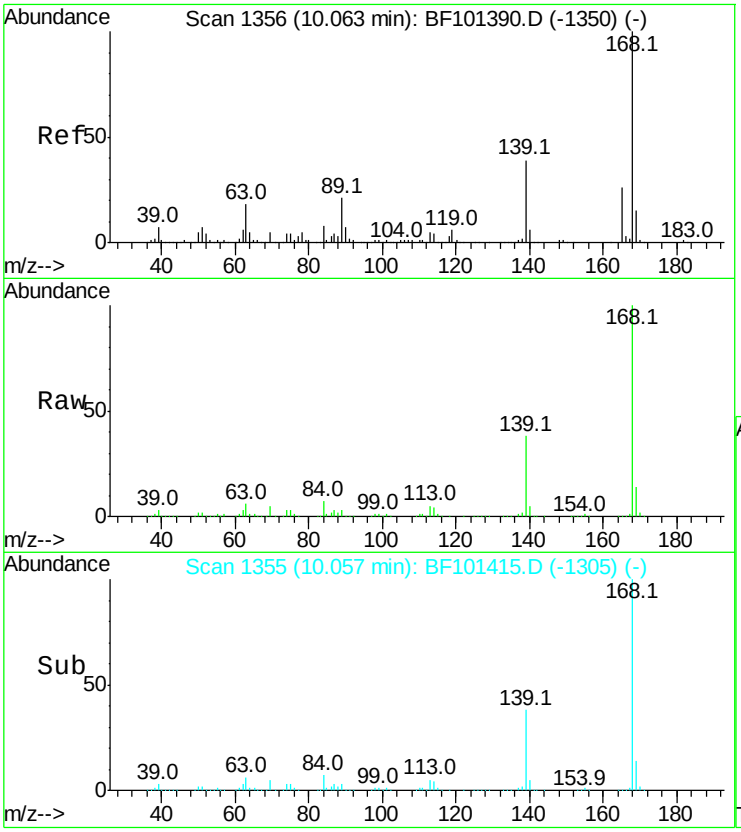


#51
Acenaphthene
Concen: 7.215 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF101415.D
Acq: 15 Dec 2017 1:10

Tgt Ion:154 Resp: 145438

Ion	Ratio	Lower	Upper
154	100		
153	110.9	91.2	136.8
152	55.9	43.8	65.8



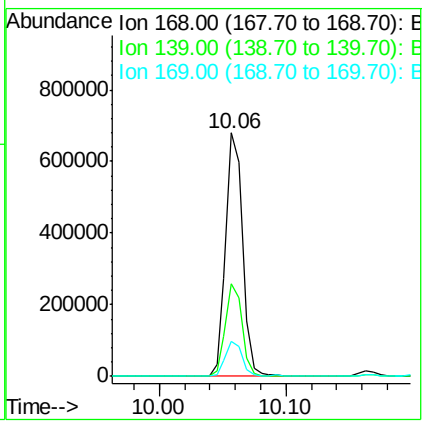


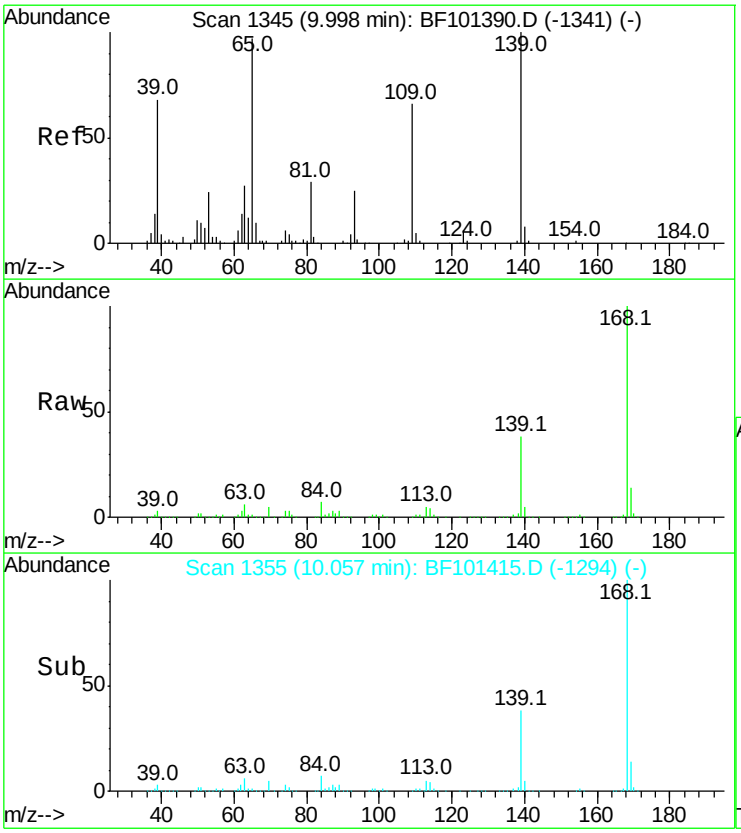
#54
Dibenzofuran
Concen: 24.592 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF101415.D
Acq: 15 Dec 2017 1:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 629921

Ion	Ratio	Lower	Upper
168	100		
139	38.3	30.1	45.1
169	14.5	10.9	16.3

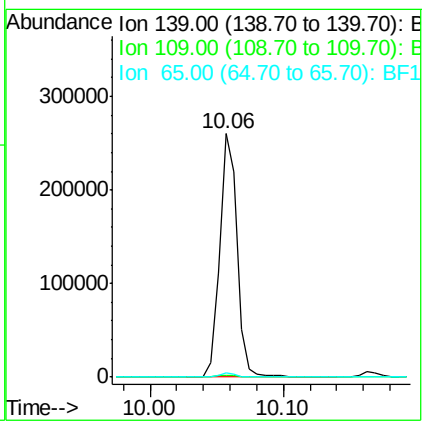


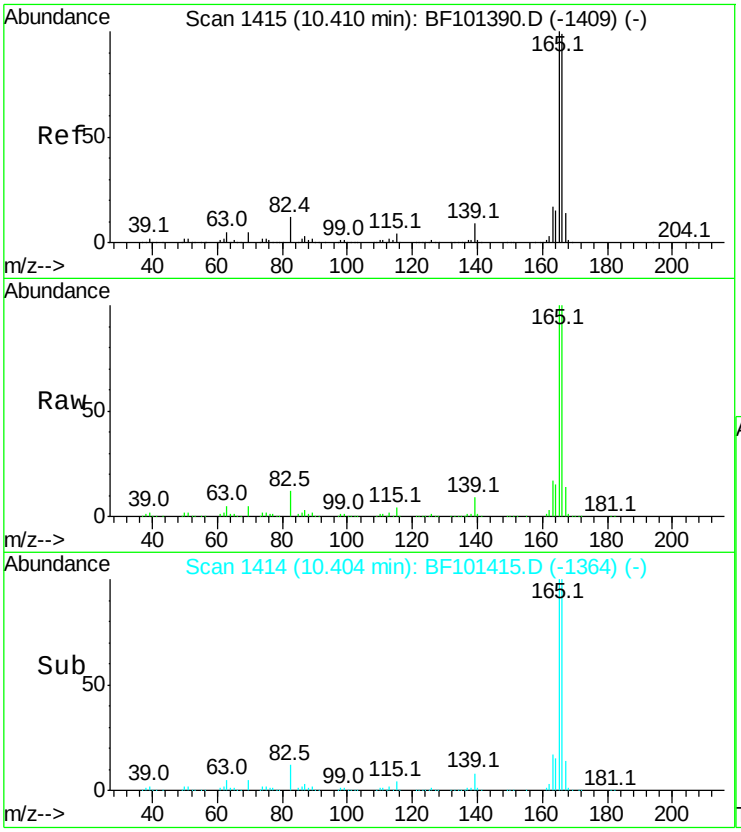


#55
4-Nitrophenol
Concen: 85.850 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.06 min
Lab File: BF101415.D
Acq: 15 Dec 2017 1:10

Tgt Ion:139 Resp: 238830

Ion	Ratio	Lower	Upper
139	100		
109	0.8	48.4	88.4#
65	1.8	72.6	112.6#



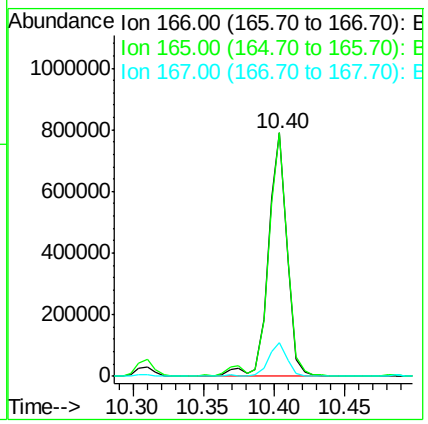


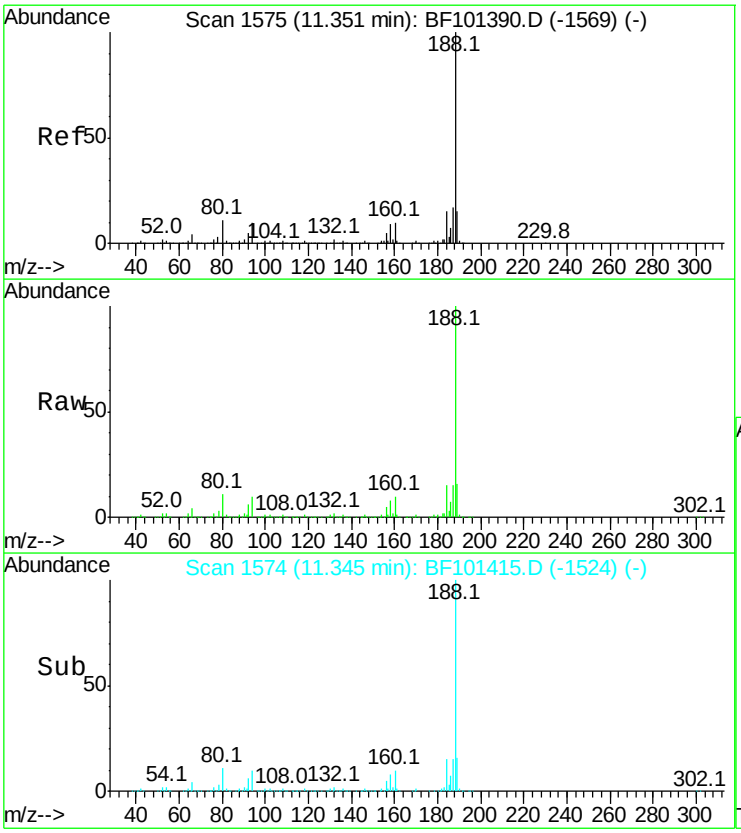
#57
Fluorene
Concen: 33.948 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BF101415.D
Acq: 15 Dec 2017 1:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 735616

Ion	Ratio	Lower	Upper
166	100		
165	100.0	79.8	119.8
167	13.9	10.6	16.0

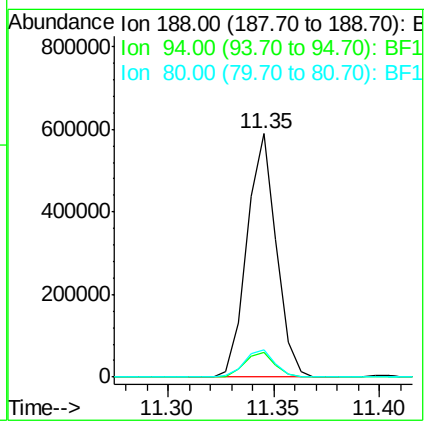


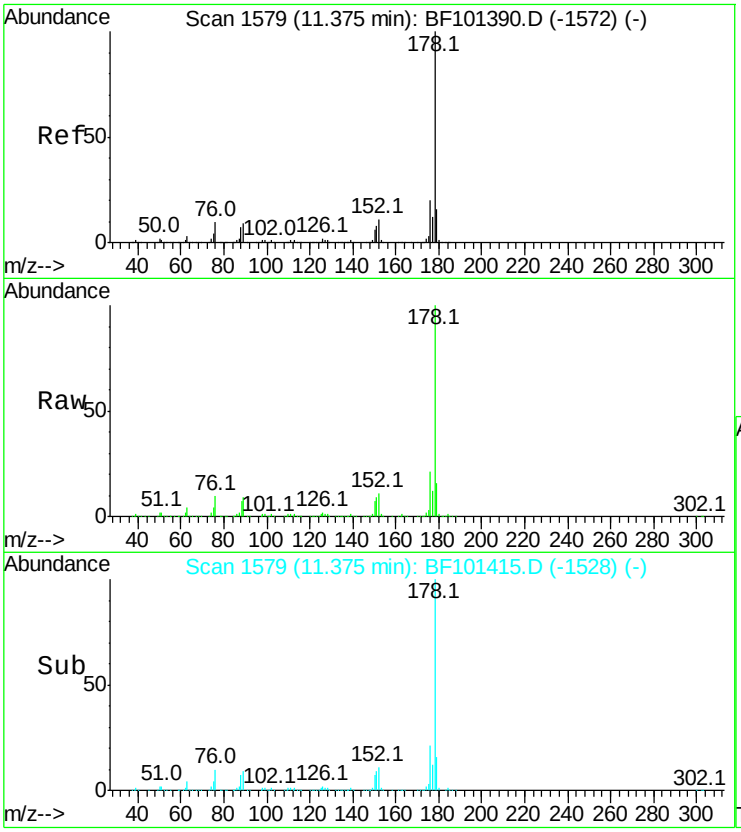


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF101415.D
Acq: 15 Dec 2017 1:10

Tgt Ion:188 Resp: 566881

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.5	12.7
80	11.3	9.2	13.8



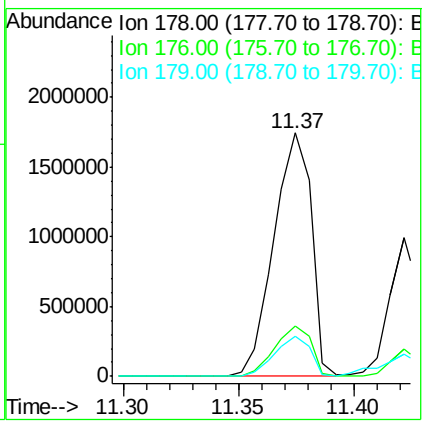


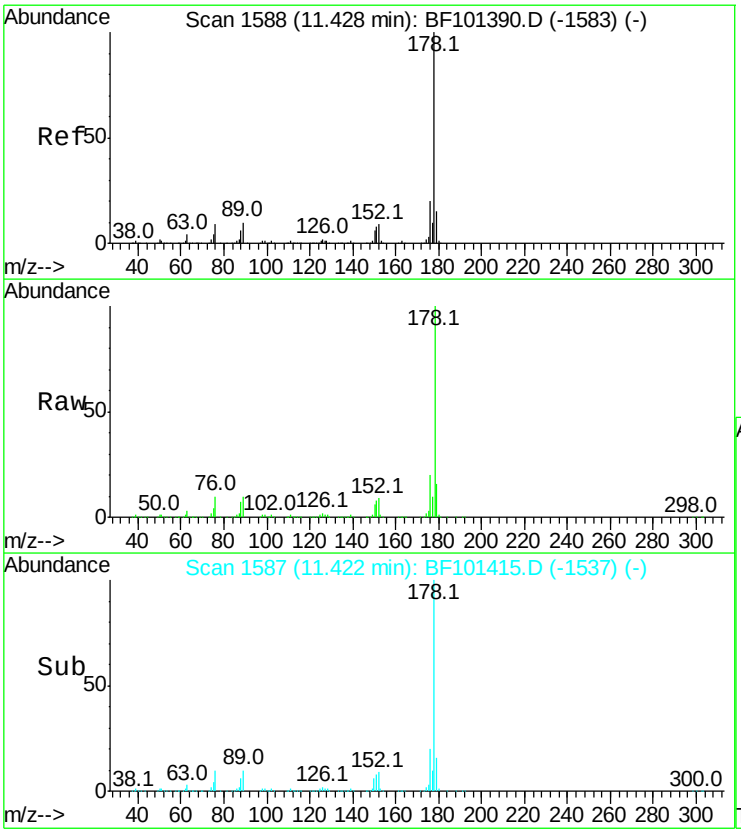
#70
Phenanthrene
Concen: 62.131 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF101415.D
Acq: 15 Dec 2017 1:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 1958692

Ion	Ratio	Lower	Upper
178	100		
176	20.7	15.8	23.8
179	16.3	13.0	19.6

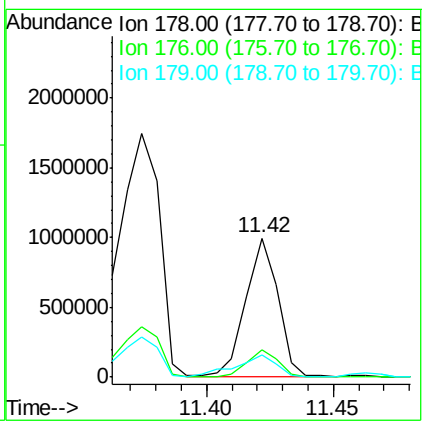


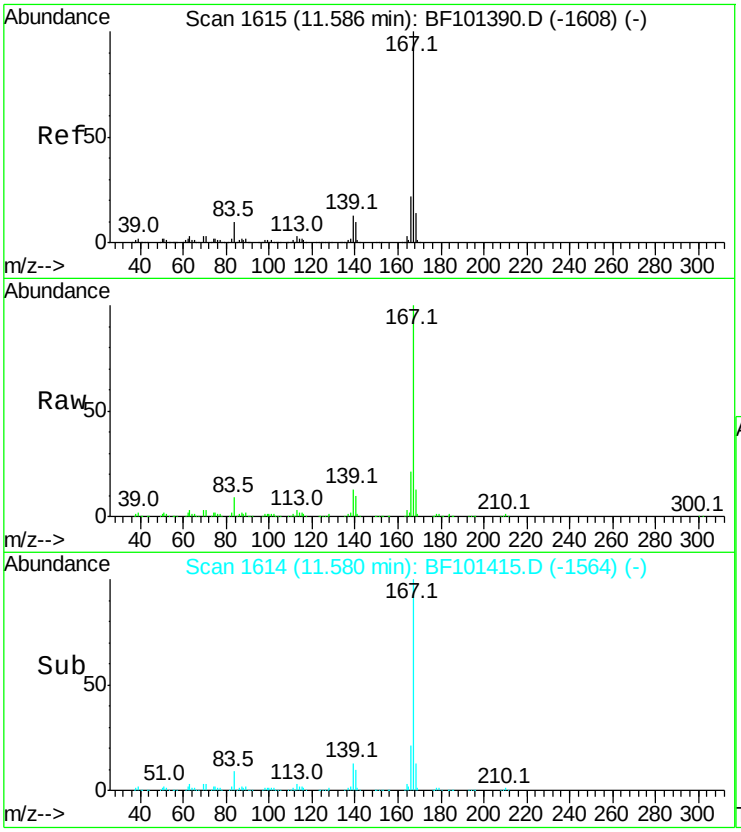


#71
Anthracene
Concen: 27.396 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BF101415.D
Acq: 15 Dec 2017 1:10

Tgt Ion:178 Resp: 882207

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.4	23.2
179	15.8	12.6	19.0



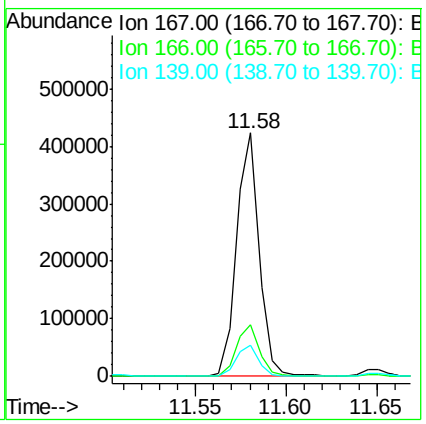


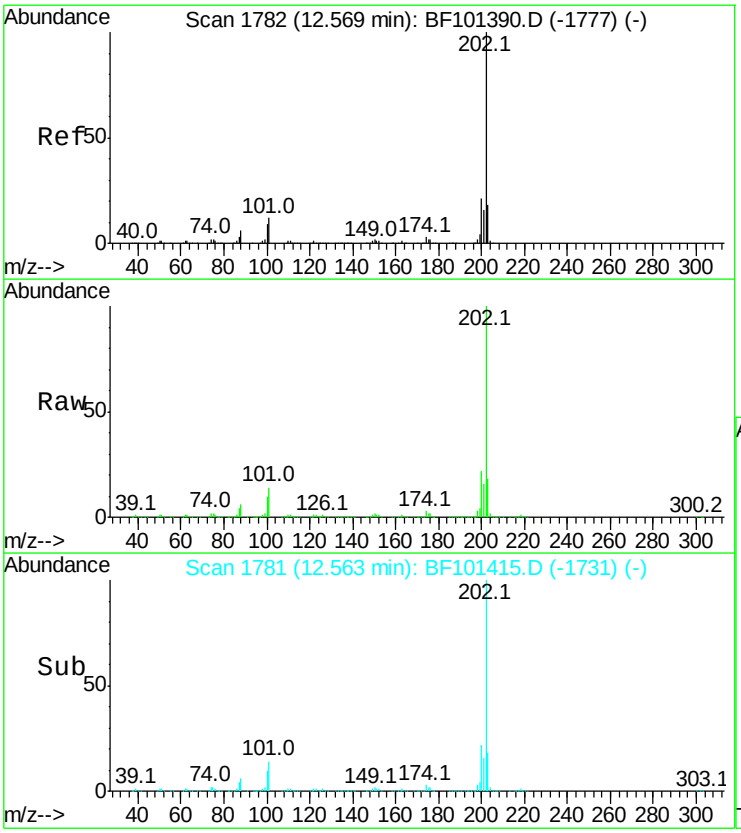
#72
Carbazole
Concen: 12.120 ng
RT: 11.58 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BF101415.D
Acq: 15 Dec 2017 1:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 365423

Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.6	26.4
139	12.8	10.9	16.3

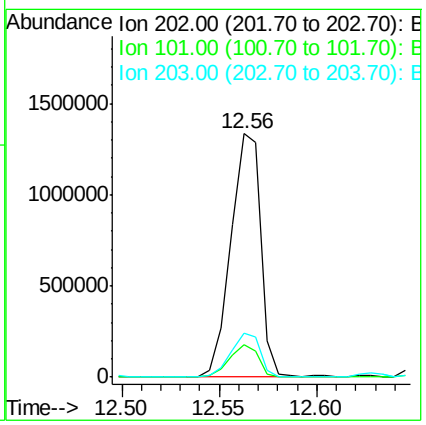


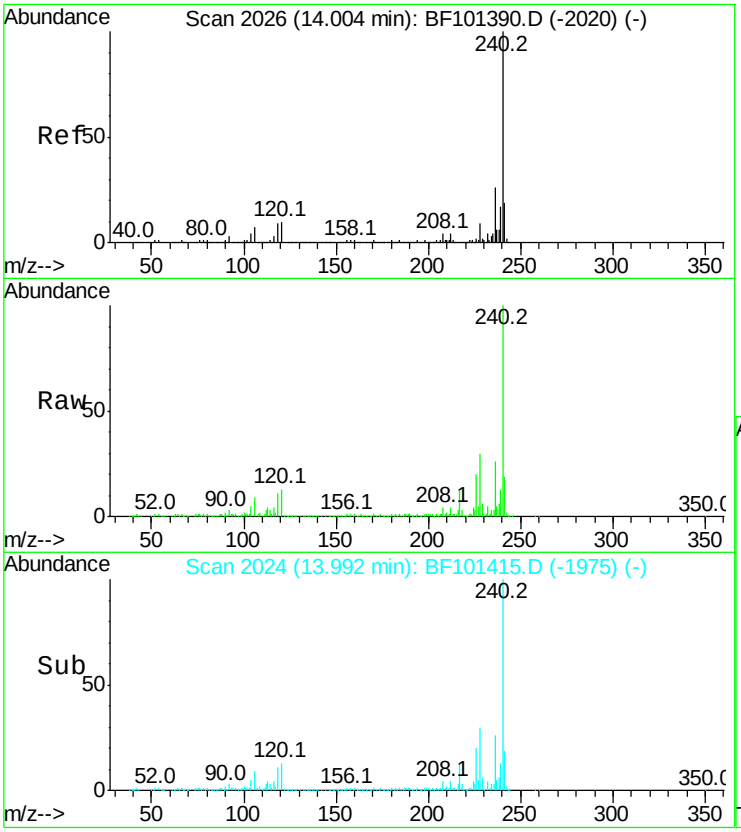


#74
Fluoranthene
Concen: 42.571 ng
RT: 12.56 min Scan# 1781
Delta R.T. -0.01 min
Lab File: BF101415.D
Acq: 15 Dec 2017 1:10

Tgt Ion:202 Resp: 1408668

Ion	Ratio	Lower	Upper
202	100		
101	13.6	0.0	34.1
203	18.2	0.0	38.1



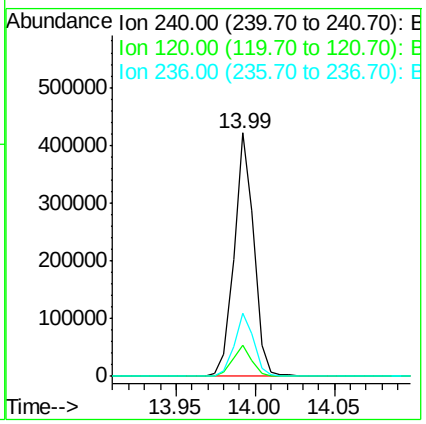


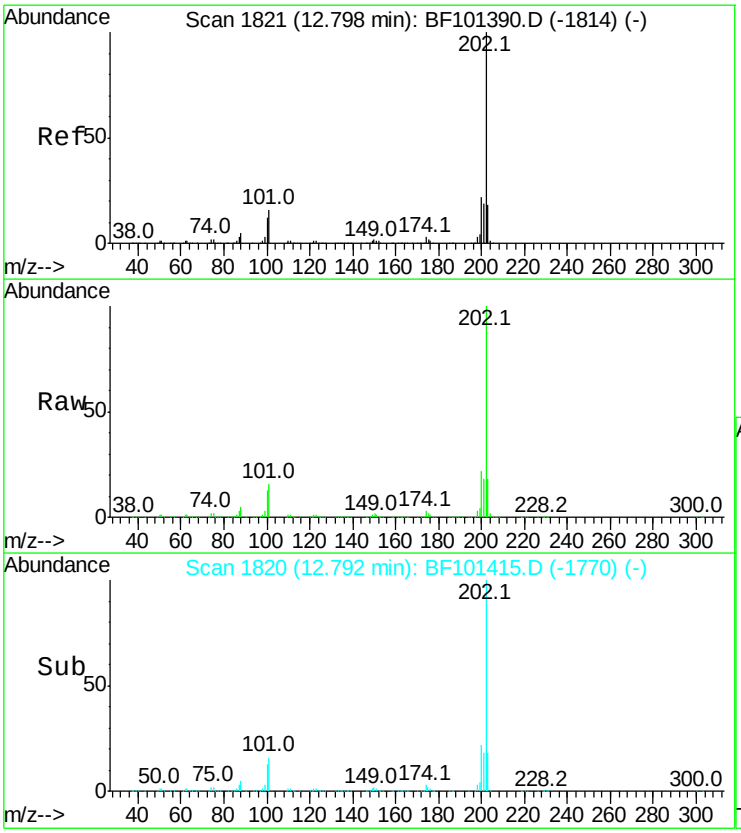
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF101415.D
Acq: 15 Dec 2017 1:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 362111

Ion	Ratio	Lower	Upper
240	100		
120	13.0	9.5	14.3
236	26.0	20.7	31.1

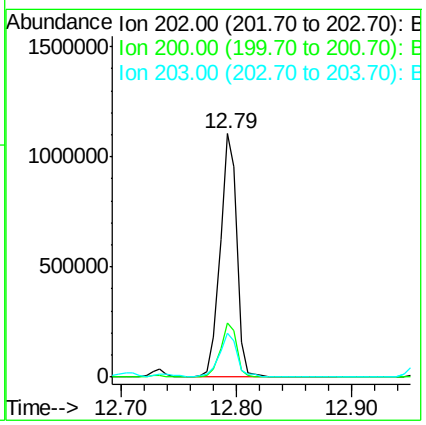


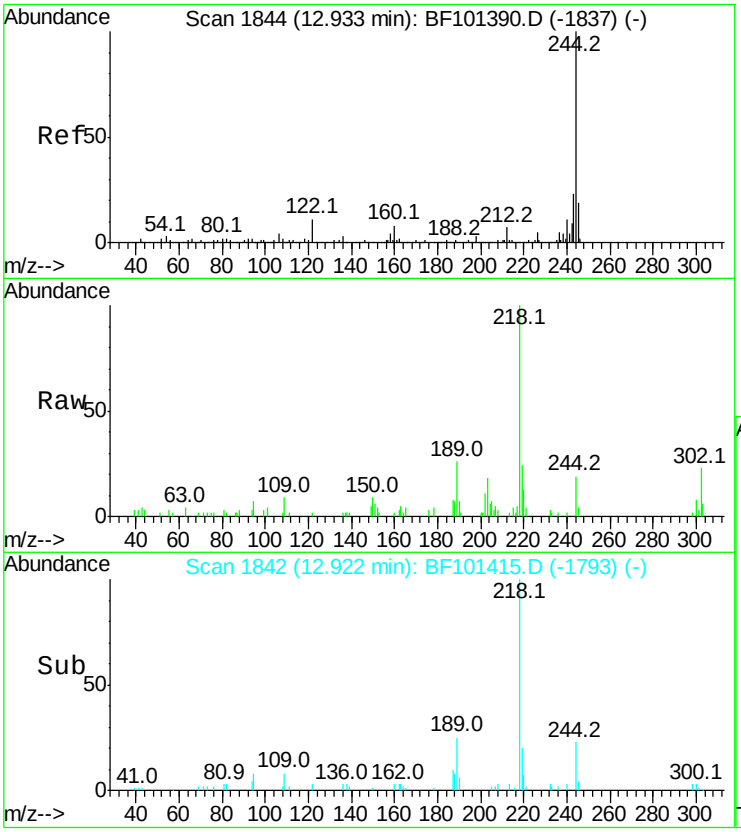


#77
Pyrene
Concen: 40.072 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF101415.D
Acq: 15 Dec 2017 1:10

Tgt Ion:202 Resp: 1089011

Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.4	26.2
203	18.1	14.3	21.5



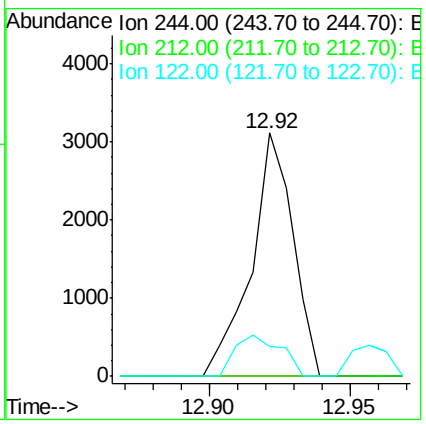


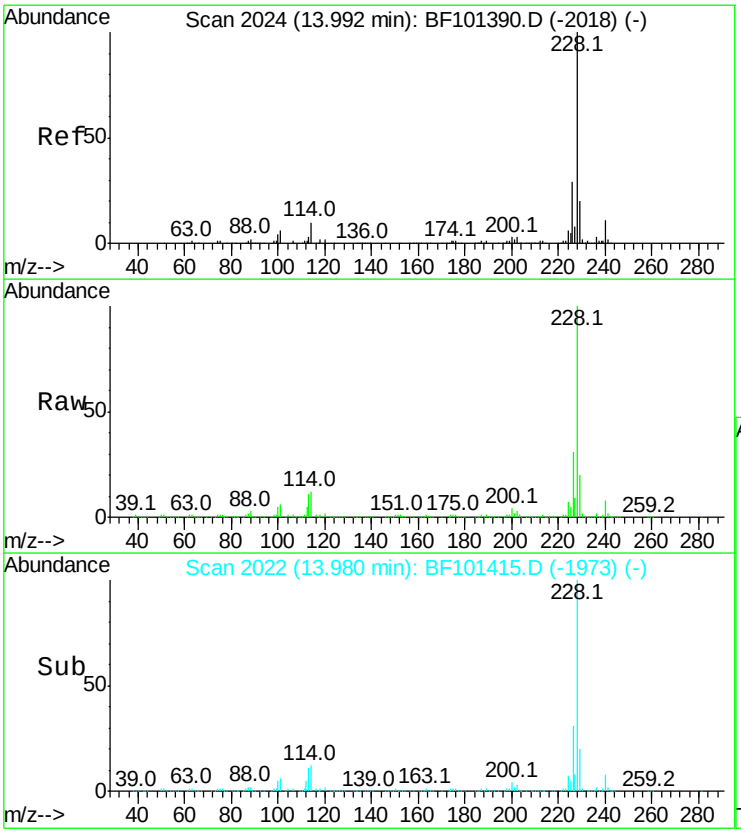
#78
Terphenyl-d14
Concen: 0.213 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.01 min
Lab File: BF101415.D
Acq: 15 Dec 2017 1:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 3203

Ion	Ratio	Lower	Upper
244	100		
212	0.0	5.4	8.0#
122	12.3	11.0	16.4

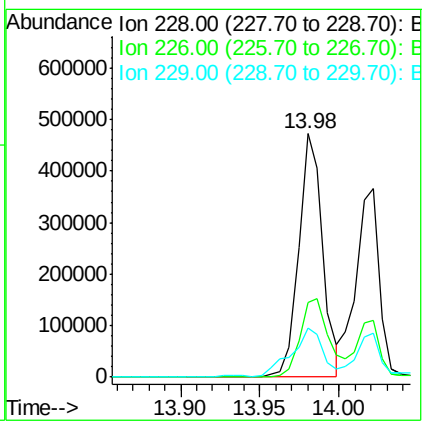


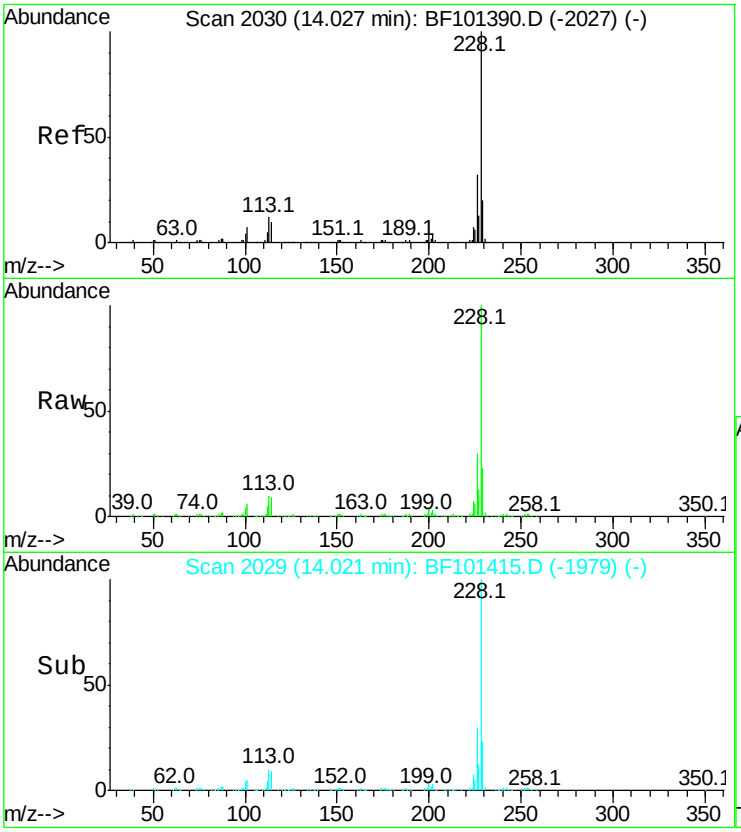


#80
Benzo(a)anthracene
Concen: 20.554 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF101415.D
Acq: 15 Dec 2017 1:10

Tgt Ion:228 Resp: 491467

Ion	Ratio	Lower	Upper
228	100		
226	30.7	22.6	33.8
229	20.3	15.8	23.6



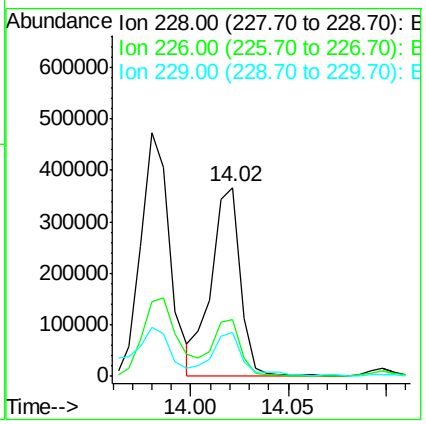


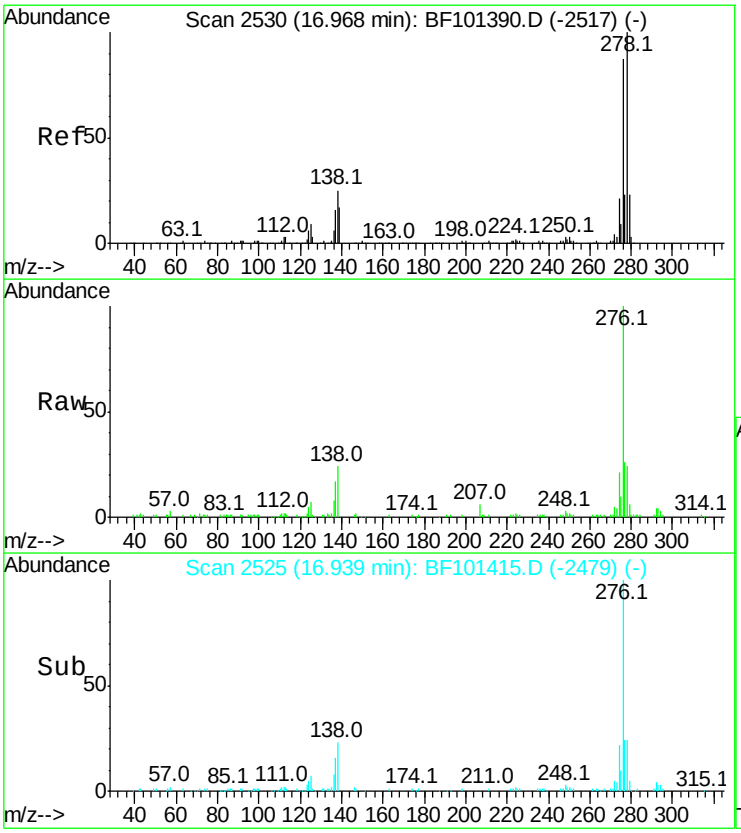
#82
Chrysene
Concen: 16.860 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF101415.D
Acq: 15 Dec 2017 1:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 380640

Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.0	37.6
229	23.1	16.2	24.4

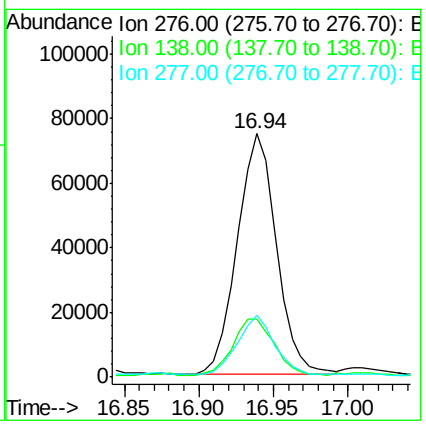


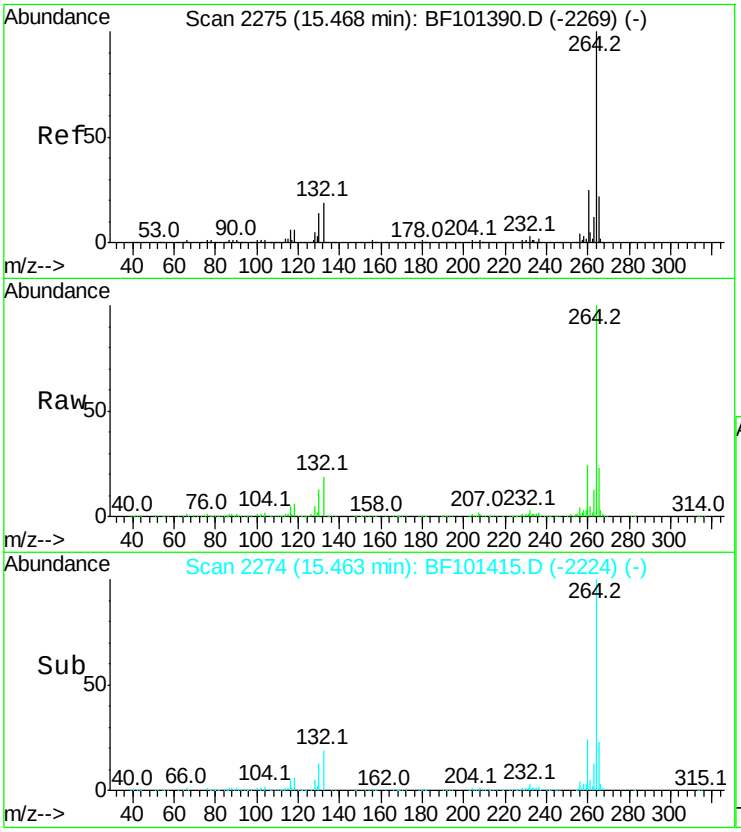


#85
Indeno(1,2,3-cd)pyrene
Concen: 6.808 ng
RT: 16.94 min Scan# 2525
Delta R.T. -0.03 min
Lab File: BF101415.D
Acq: 15 Dec 2017 1:10

Tgt Ion:276 Resp: 136867

Ion	Ratio	Lower	Upper
276	100		
138	24.3	25.0	37.6#
277	23.0	20.1	30.1



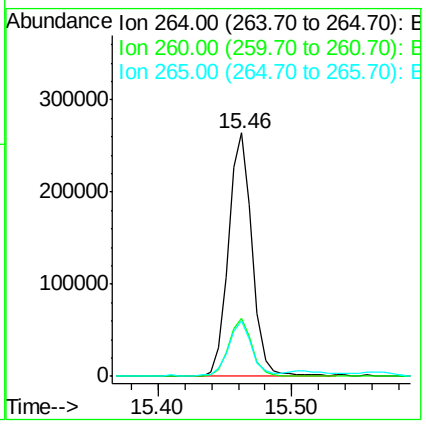


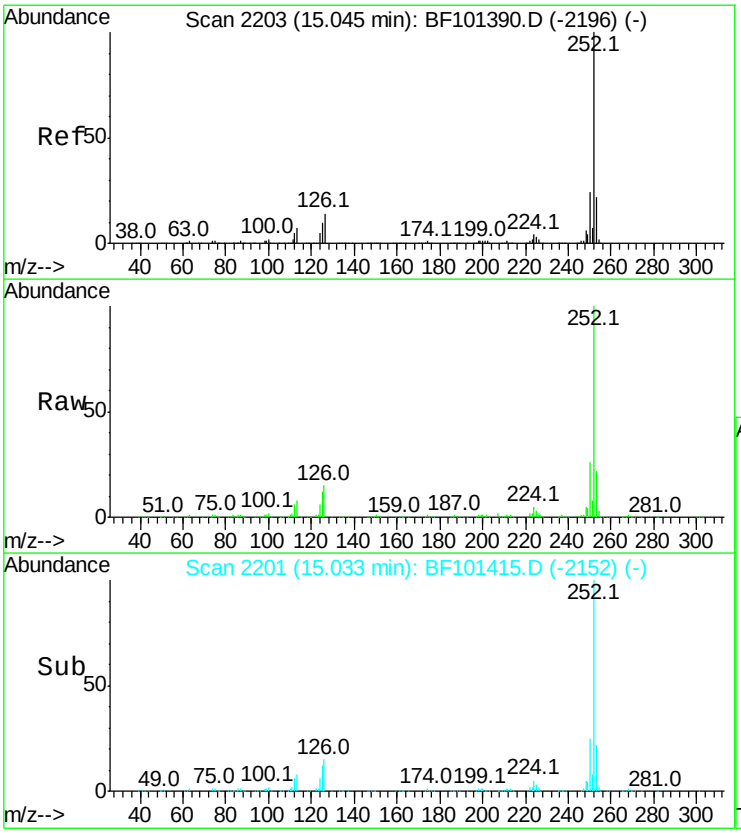
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF101415.D
Acq: 15 Dec 2017 1:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 326300

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.8	17.5	26.3

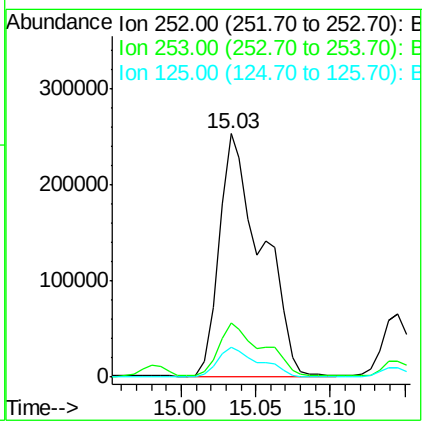


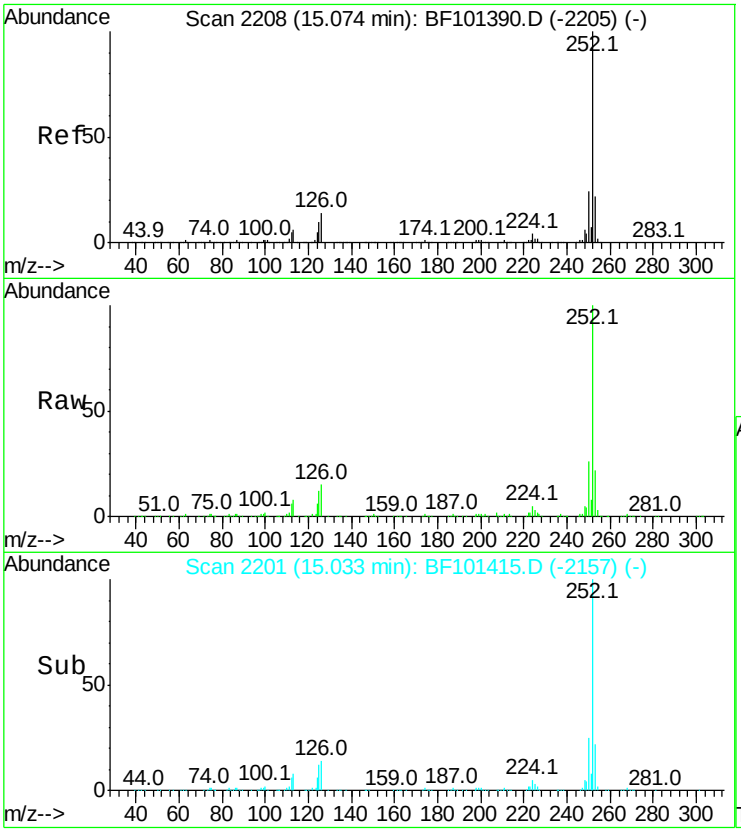


#87
Benzo(b)fluoranthene
Concen: 25.081 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BF101415.D
Acq: 15 Dec 2017 1:10

Tgt Ion:252 Resp: 498834

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.6
125	12.1	9.0	13.6



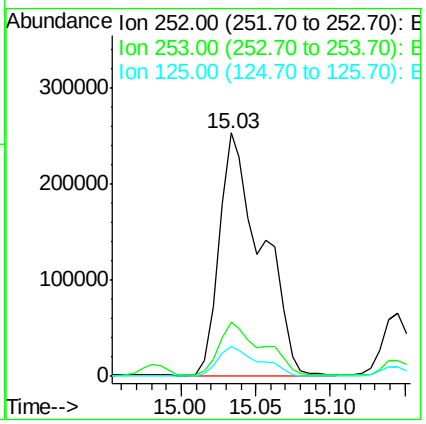


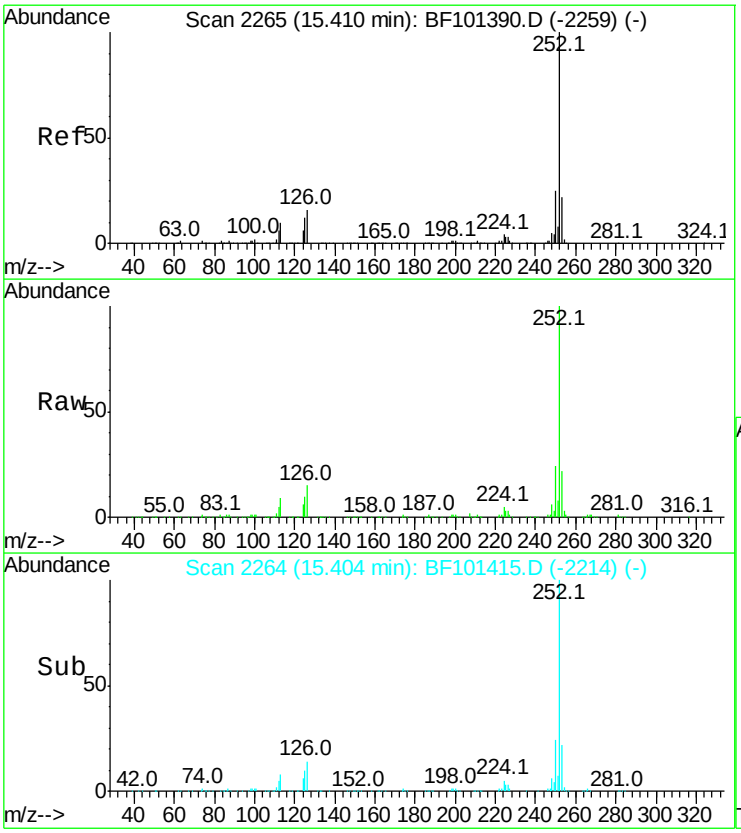
#88
Benzo(k)fluoranthene
Concen: 25.796 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.04 min
Lab File: BF101415.D
Acq: 15 Dec 2017 1:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 498834

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	12.1	10.2	15.2

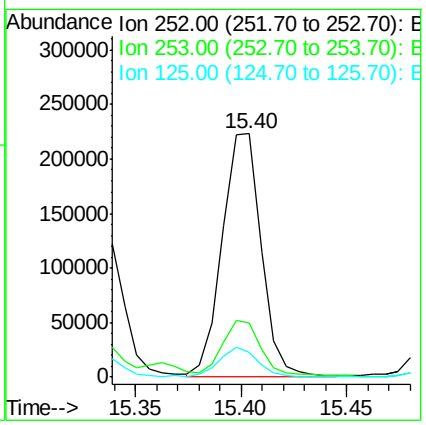


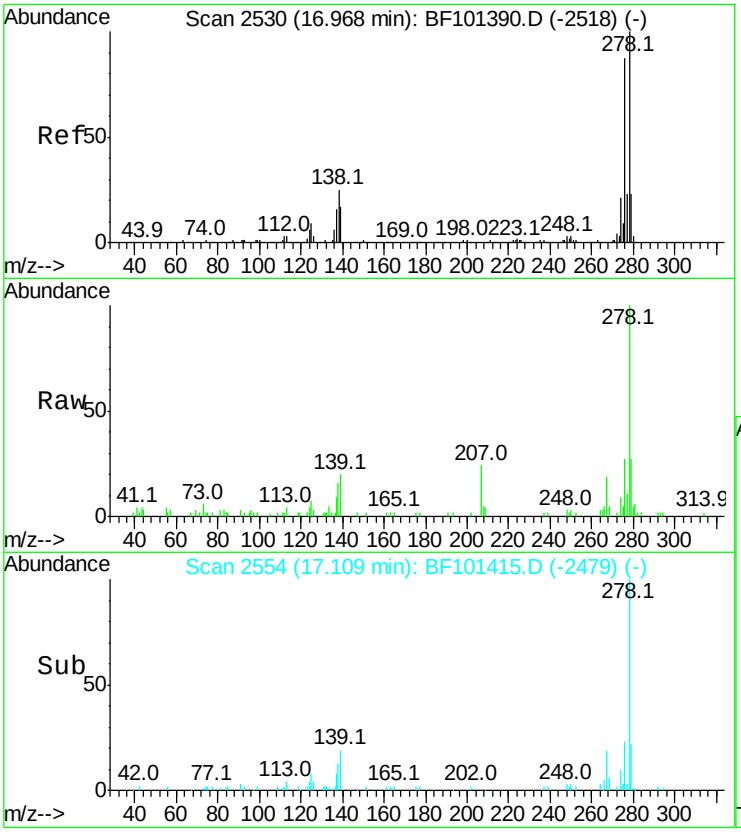


#89
Benzo(a)pyrene
Concen: 15.442 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.01 min
Lab File: BF101415.D
Acq: 15 Dec 2017 1:10

Tgt Ion:252 Resp: 283115

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.1	25.7
125	10.4	9.8	14.6



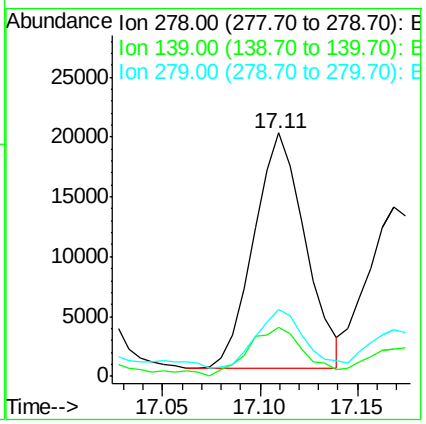


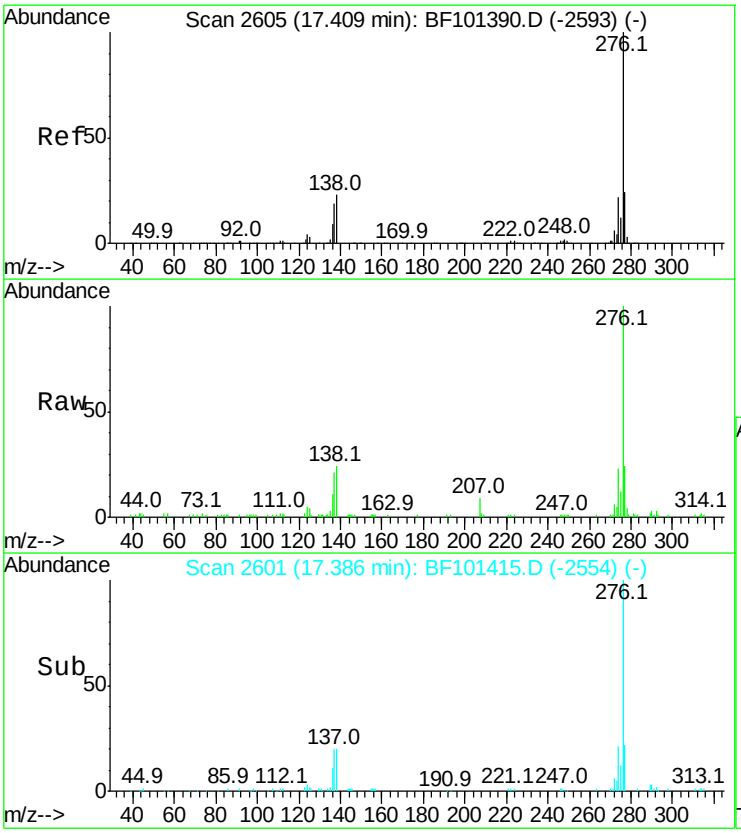
#90
Dibenzo(a,h)anthracene
Concen: 2.283 ng
RT: 17.11 min Scan# 2554
Delta R.T. 0.14 min
Lab File: BF101415.D
Acq: 15 Dec 2017 1:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 35939

Ion	Ratio	Lower	Upper
278	100		
139	20.2	15.9	23.9
279	27.3	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 7.341 ng
RT: 17.39 min Scan# 2601
Delta R.T. -0.02 min
Lab File: BF101415.D
Acq: 15 Dec 2017 1:10

Tgt Ion:276 Resp: 114423

Ion	Ratio	Lower	Upper
276	100		
277	24.0	17.9	26.9
138	24.0	21.8	32.8