

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121417\
 Data File : BF101433.D
 Acq On : 15 Dec 2017 9:44
 Operator : SJ/JU
 Sample : I6838-01DL 500X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 15 10:17:49 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	168937	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	661924	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	295738	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	510691	20.00	ng	0.00
75) Chrysene-d12	13.99	240	326196	20.00	ng	-0.01
86) Perylene-d12	15.46	264	330491	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	6.47	99	116	0.01	ng	0.01
23) Nitrobenzene-d5	0.00	82	0	0.00	ng	
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.17	172	267	0.01	ng	0.00
78) Terphenyl-d14	12.92	244	1021	0.08	ng	-0.01

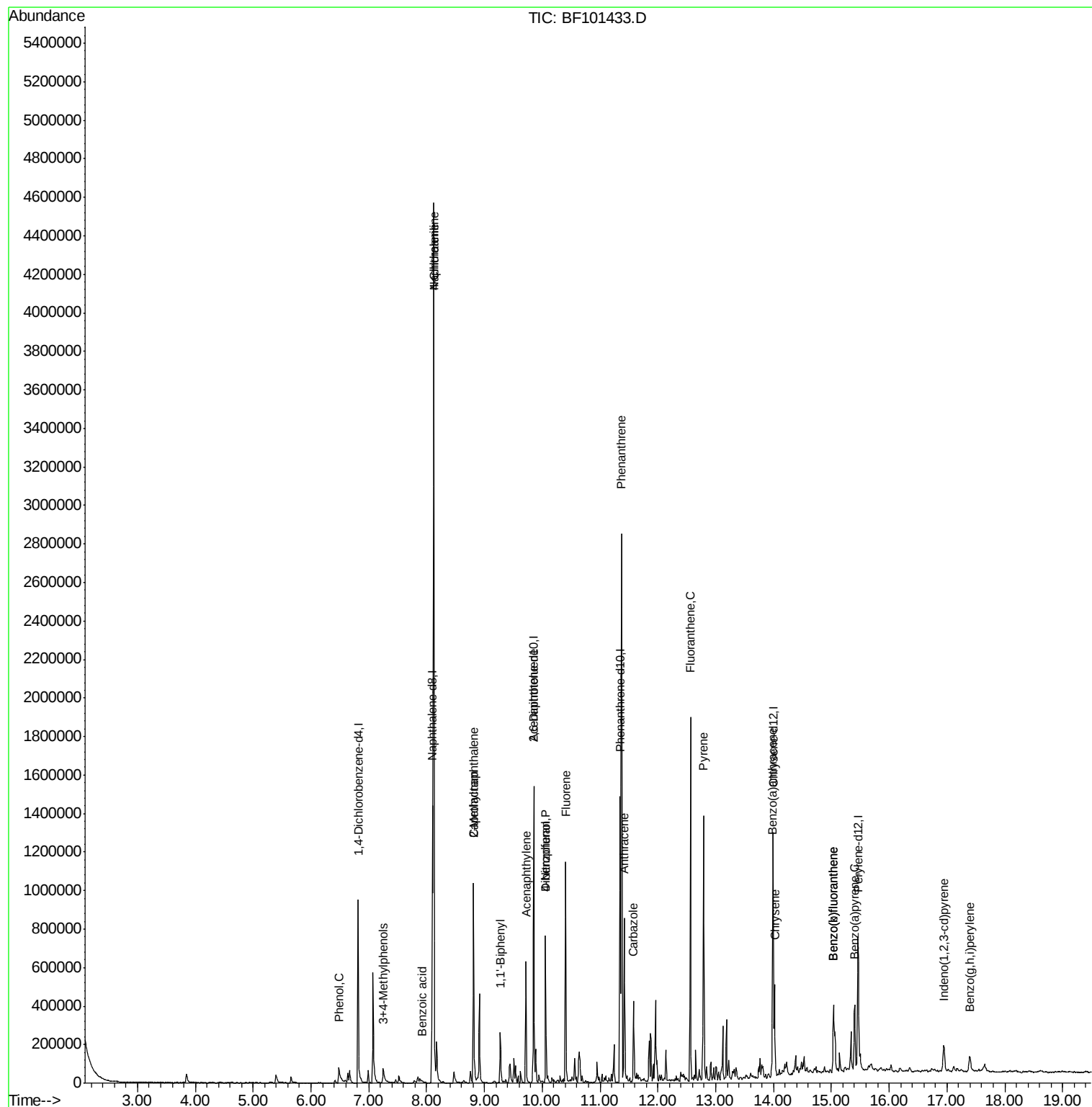
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.48	94	72323	4.496	ng	95
20) 3+4-Methylphenols	7.25	107	39199	3.371	ng	87
31) Naphthalene	8.12	128	2457135	73.735	ng	99
32) Benzoic acid	7.92	122	5888	8.720	ng	# 13
33) 4-Chloroaniline	8.12	127	337181	23.280	ng	# 33
35) Caprolactam	8.81	113	6644	2.016	ng	# 1
37) 2-Methylnaphthalene	8.81	142	311176	14.333	ng	98
45) 1,1'-Biphenyl	9.27	154	89155	3.399	ng	98
48) Acenaphthylene	9.72	152	259602	8.190	ng	99
50) 2,6-Dinitrotoluene	9.85	165	43223	8.940	ng	# 26
54) Dibenzofuran	10.06	168	325577	13.453	ng	99
55) 4-Nitrophenol	10.06	139	121932	46.391	ng	# 10
57) Fluorene	10.40	166	339588	16.587	ng	100
70) Phenanthrene	11.37	178	1117590	39.351	ng	100
71) Anthracene	11.42	178	330312	11.386	ng	99
72) Carbazole	11.58	167	160594	5.913	ng	98
74) Fluoranthene	12.56	202	724091	24.290	ng	98
77) Pyrene	12.79	202	552196	22.556	ng	99
80) Benzo(a)anthracene	13.98	228	232068	10.774	ng	98
82) Chrysene	14.02	228	187552	9.222	ng	99
85) Indeno(1,2,3-cd)pyrene	16.94	276	74823	4.132	ng	94
87) Benzo(b)fluoranthene	15.04	252	272153	13.510	ng	98
88) Benzo(k)fluoranthene	15.04	252	272153	13.896	ng	99
89) Benzo(a)pyrene	15.40	252	164820	8.876	ng	97
91) Benzo(g,h,i)perylene	17.40	276	64114	4.061	ng	98

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101433.D
Acq On : 15 Dec 2017 9:44
Operator : SJ/JU
Sample : I6838-01DL 500X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 15 10:17:49 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



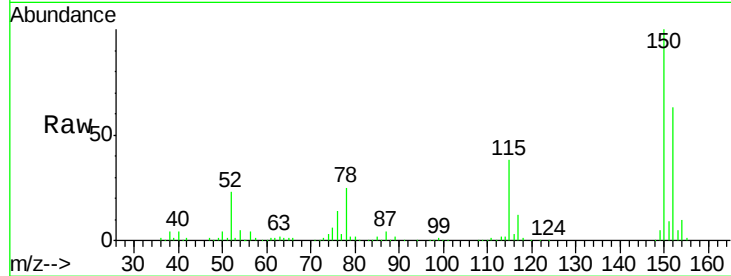


#1

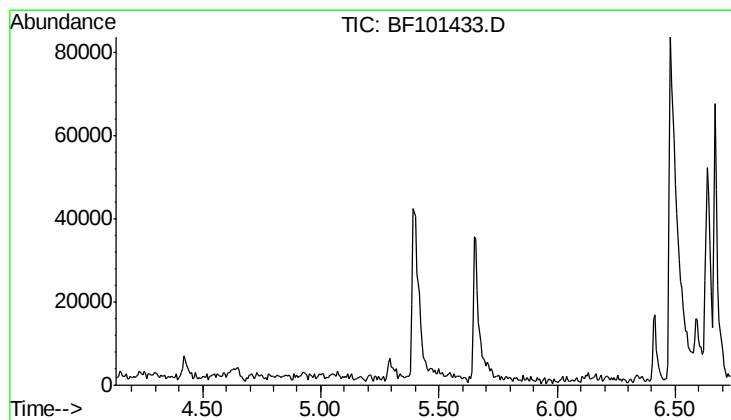
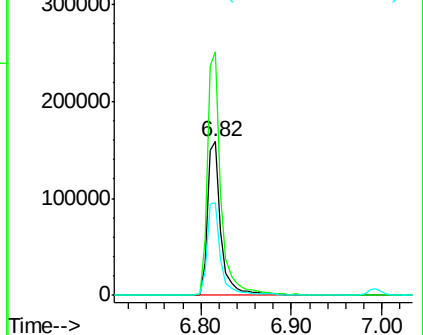
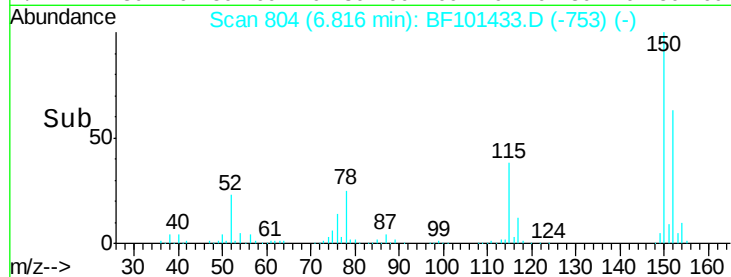
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF101433.D
Acq: 15 Dec 2017 9:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 168937
Ion Ratio Lower Upper
152 100
150 158.5 124.6 186.8
115 60.0 50.1 75.1



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E

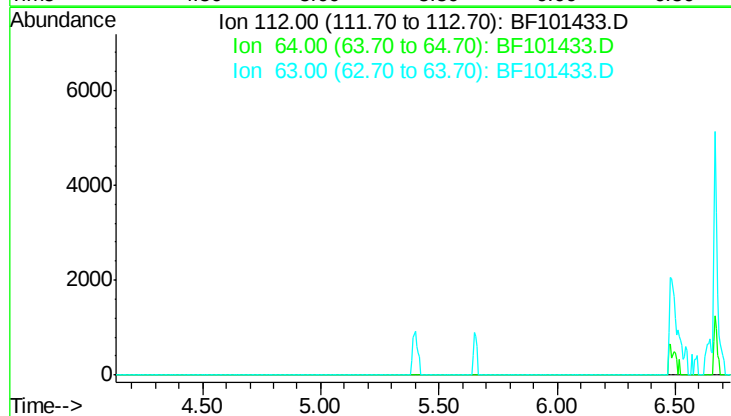


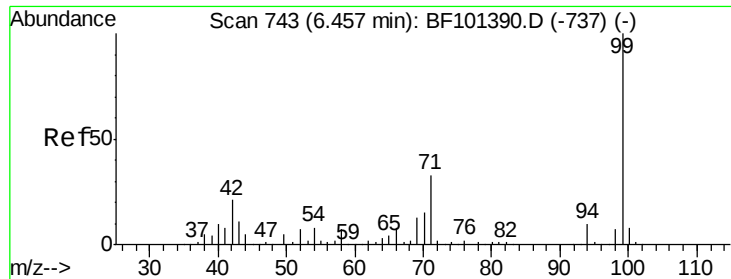
#5

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

Lab File: BF101433.D
Acq: 15 Dec 2017 9:44

Tgt Ion: 112
Sig Exp Ratio
112 100
64 59.9
63 29.6





#7

Phenol-d6

Concen: 0.008 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF101433.D

Acq: 15 Dec 2017 9:44

Instrument :

BNA_F

ClientSampleId :

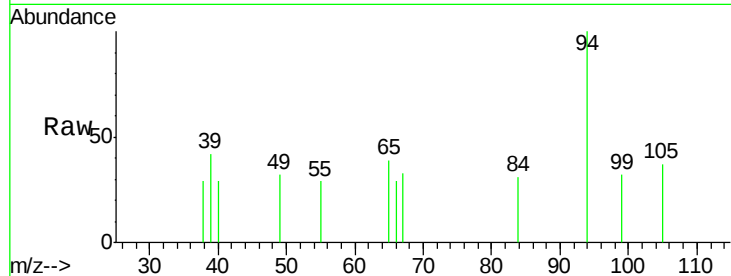
Tot Ion: 99 Resp: 116

Ion Ratio Lower Upper

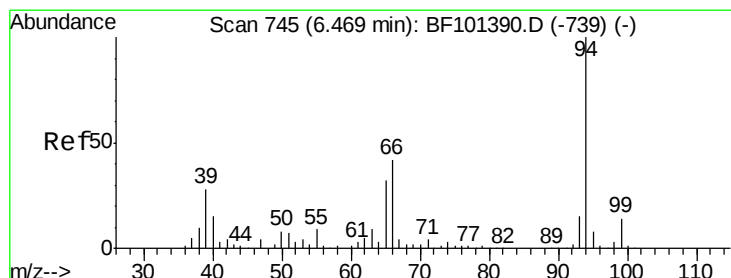
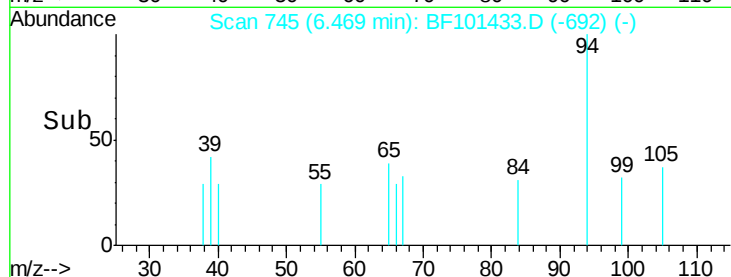
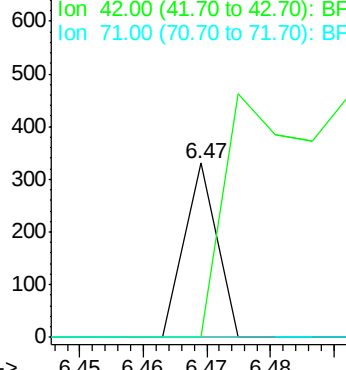
99 100

42 0.0 14.5 21.7#

71 0.0 25.4 38.0#



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 4.496 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF101433.D

Acq: 15 Dec 2017 9:44

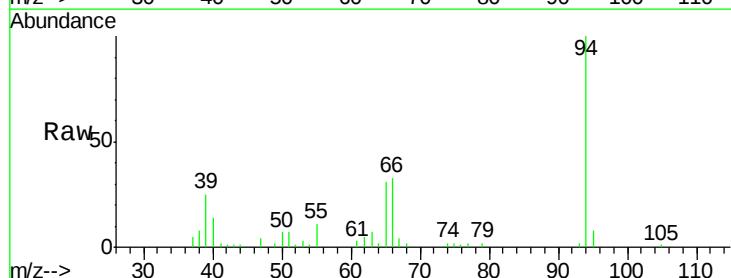
Tgt Ion: 94 Resp: 72323

Ion Ratio Lower Upper

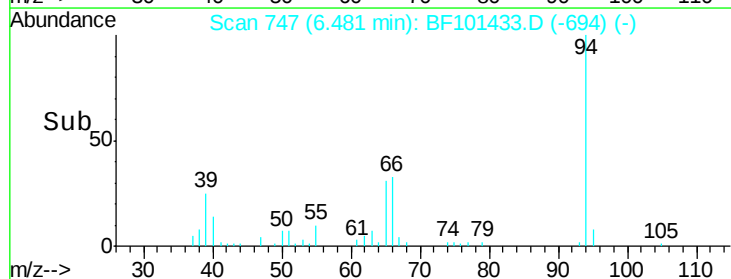
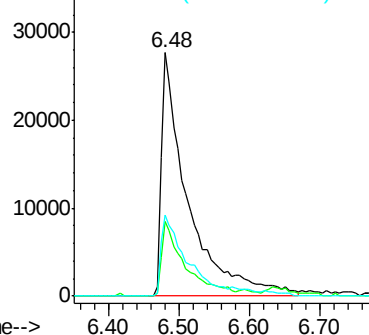
94 100

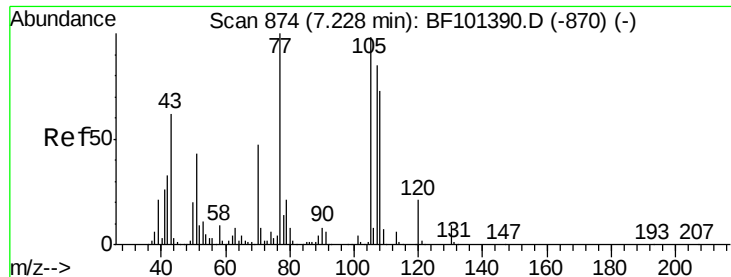
65 30.8 7.9 47.9

66 33.4 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

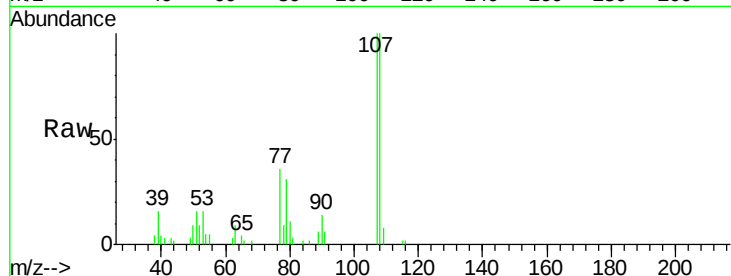




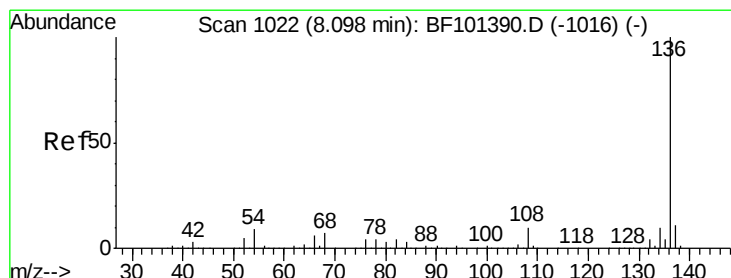
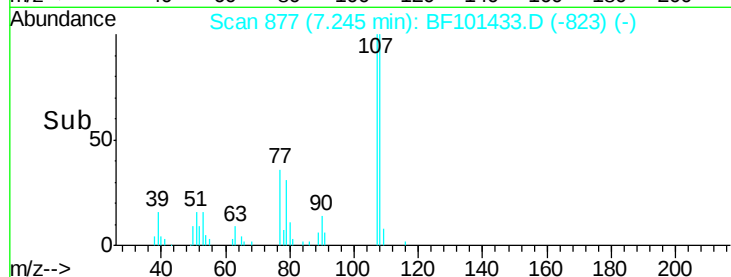
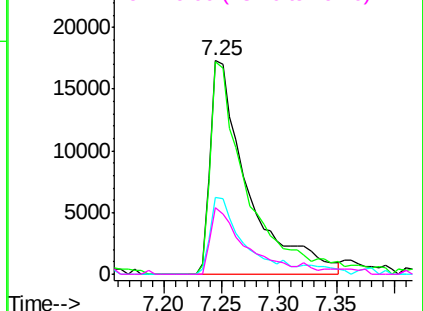
#20
3+4-Methylphenols
Concen: 3.371 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.02 min
Lab File: BF101433.D
Acq: 15 Dec 2017 9:44

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 39199
Ion Ratio Lower Upper
107 100
108 99.6 68.2 108.2
77 36.0 26.7 66.7
79 31.1 6.3 46.3

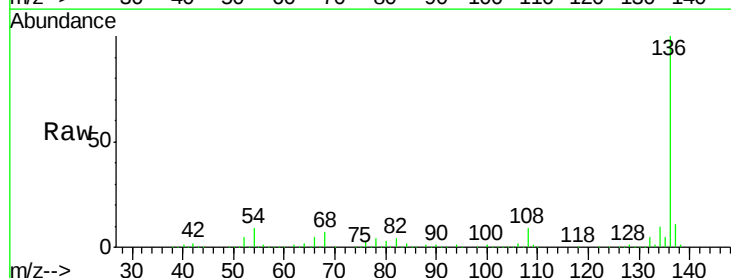


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

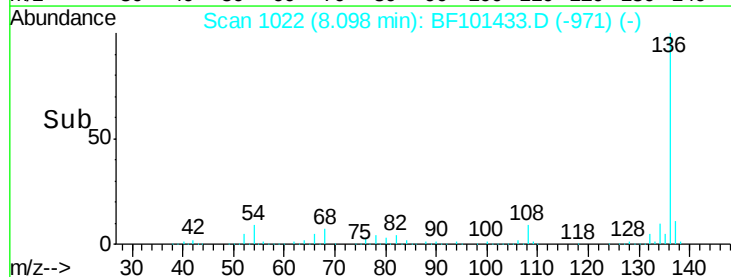
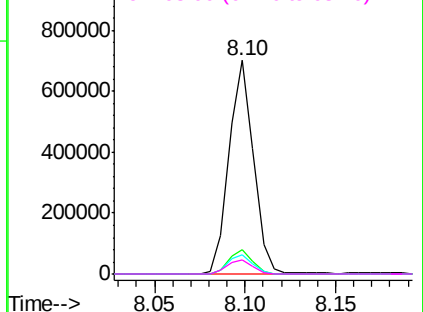


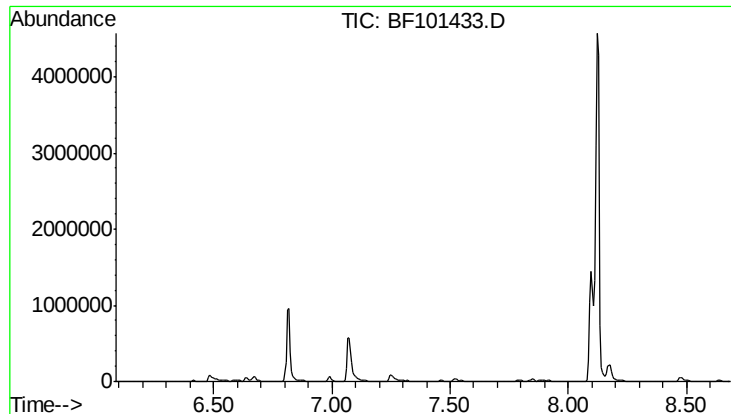
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF101433.D
Acq: 15 Dec 2017 9:44

Tgt Ion:136 Resp: 661924
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 9.1 6.6 9.8
68 6.7 5.0 7.4



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

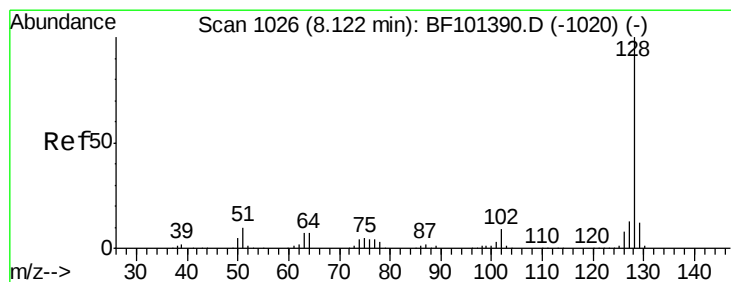
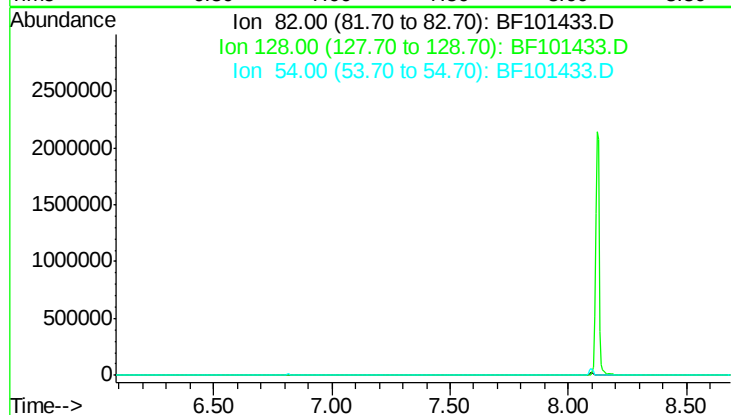




#23
 Nitrobenzene-d5
 Concen: 0.000 ng
 Expected RT: 7.39 min
 Lab File: BF101433.D
 Acq: 15 Dec 2017 9:44

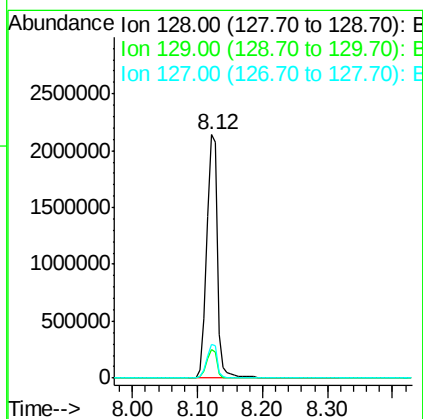
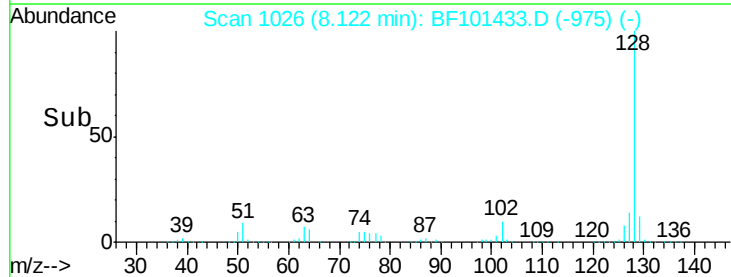
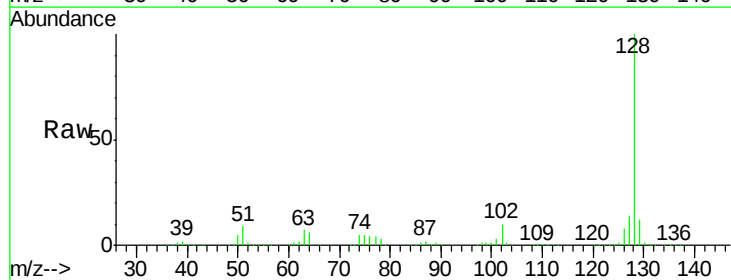
Instrument :
 BNA_F
 ClientSampleId :

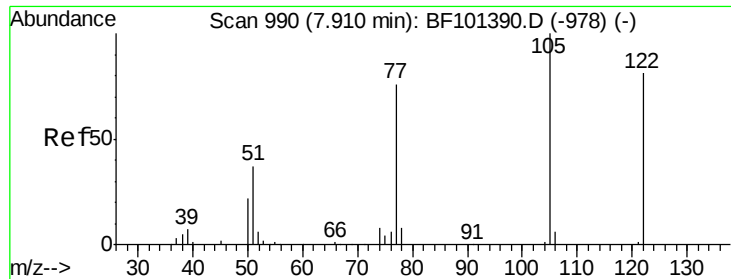
Tot Ion: 82
 Sig Exp Ratio
 82 100
 128 45.1
 54 51.8



#31
 Naphthalene
 Concen: 73.735 ng
 RT: 8.12 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BF101433.D
 Acq: 15 Dec 2017 9:44

Tgt Ion:128 Resp: 2457135
 Ion Ratio Lower Upper
 128 100
 129 11.7 8.8 13.2
 127 13.9 10.9 16.3

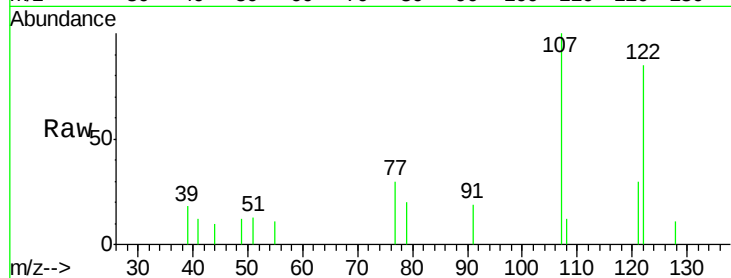




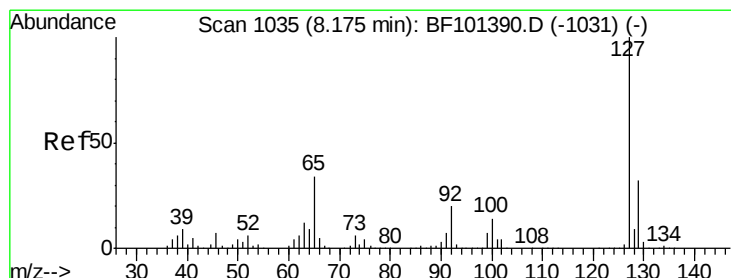
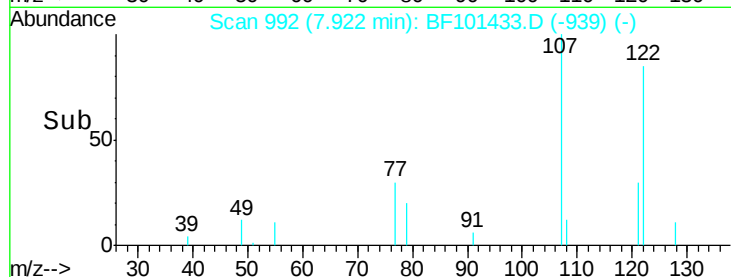
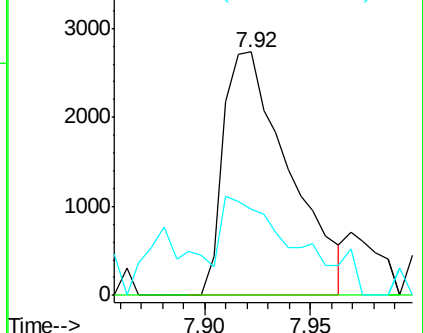
#32
Benzoic acid
Concen: 8.720 ng
RT: 7.92 min Scan# 992
Delta R.T. 0.01 min
Lab File: BF101433.D
Acq: 15 Dec 2017 9:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 5888
Ion Ratio Lower Upper
122 100
105 0.0 101.1 141.1#
77 35.3 70.7 110.7#

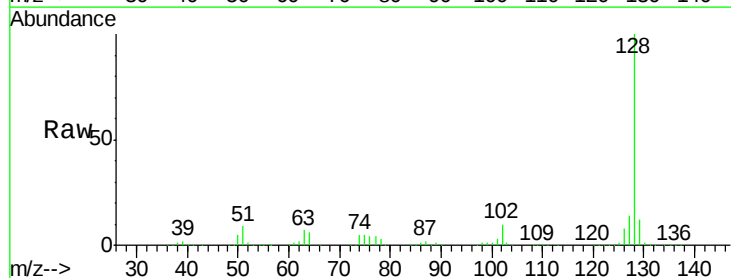


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

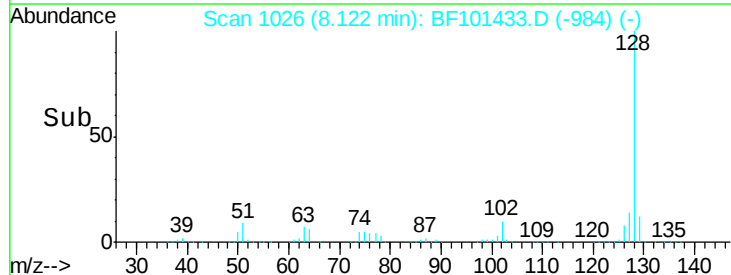
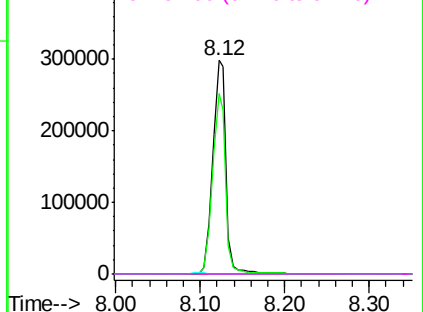


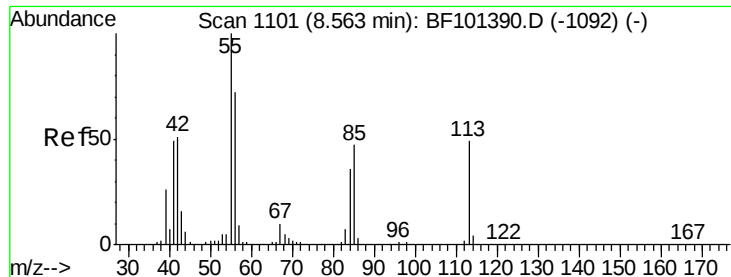
#33
4-Chloroaniline
Concen: 23.280 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.05 min
Lab File: BF101433.D
Acq: 15 Dec 2017 9:44

Tgt Ion:127 Resp: 337181
Ion Ratio Lower Upper
127 100
129 84.3 25.9 38.9#
65 0.0 25.0 37.4#
92 0.0 15.2 22.8#



Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

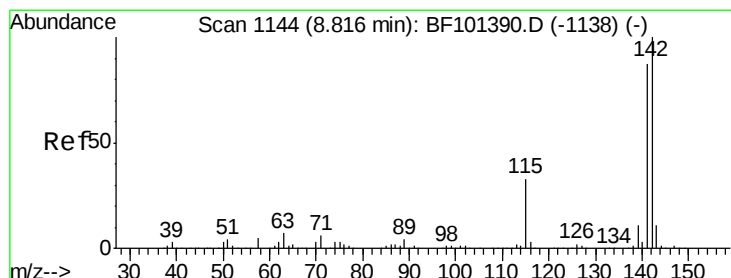
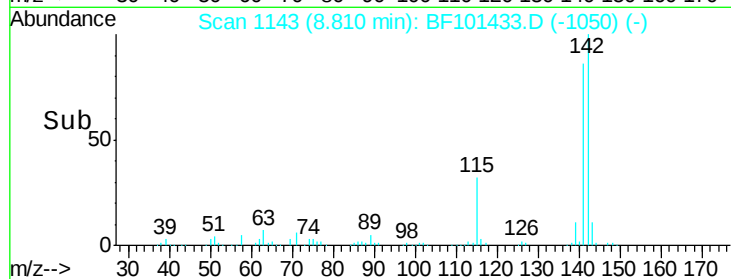
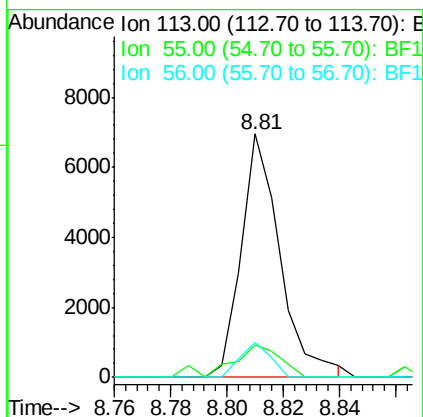
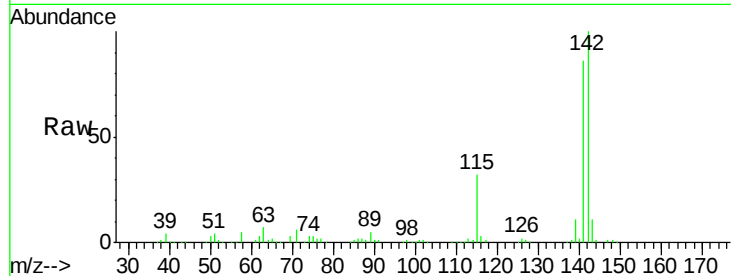




#35
Caprolactam
Concen: 2.016 ng
RT: 8.81 min Scan# 1143
Delta R.T. 0.25 min
Lab File: BF101433.D
Acq: 15 Dec 2017 9:44

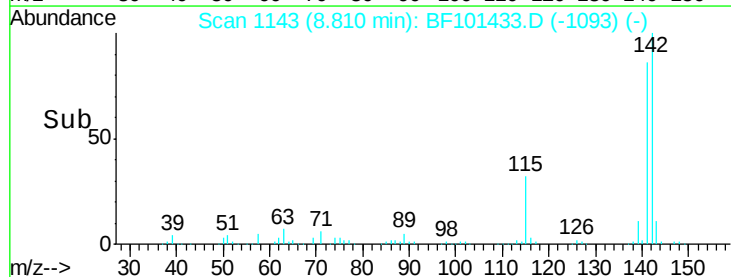
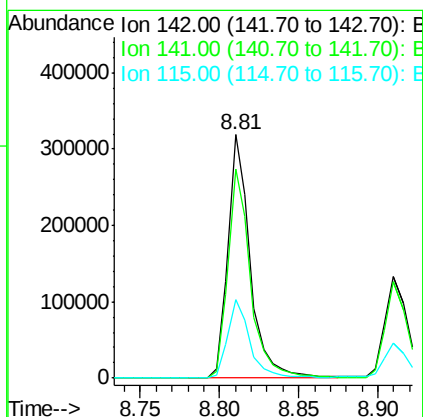
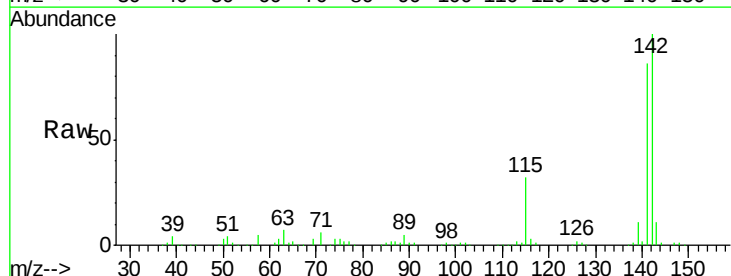
Instrument :
BNA_F
ClientSampleId :

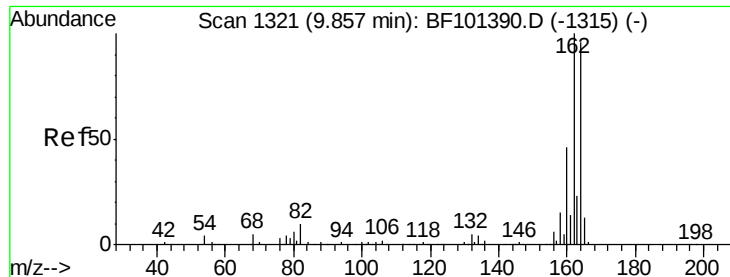
Tot Ion:113 Resp: 6644
Ion Ratio Lower Upper
113 100
55 13.2 163.3 203.3#
56 14.2 115.7 155.7#



#37
2-Methylnaphthalene
Concen: 14.333 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF101433.D
Acq: 15 Dec 2017 9:44

Tgt Ion:142 Resp: 311176
Ion Ratio Lower Upper
142 100
141 85.9 70.8 106.2
115 32.0 26.1 39.1

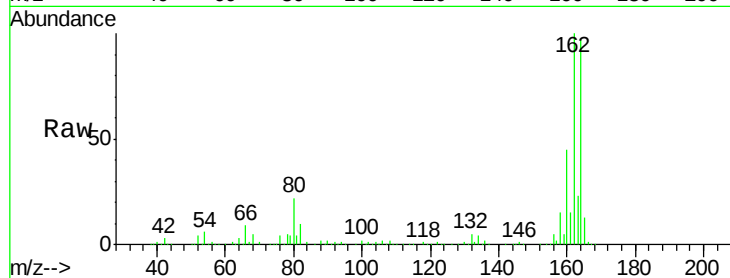




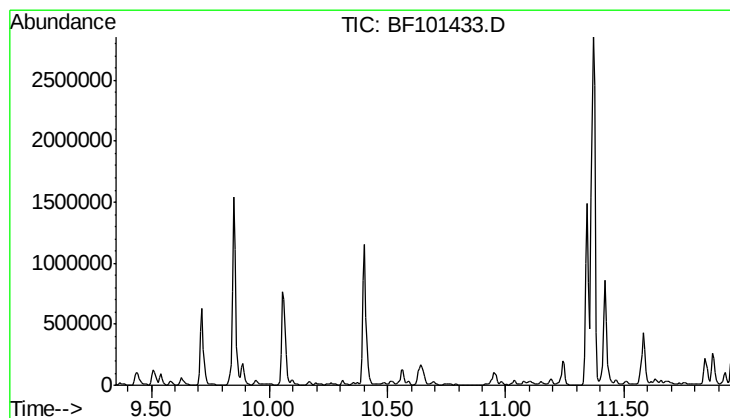
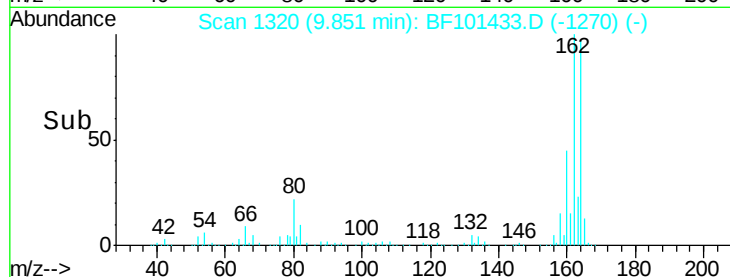
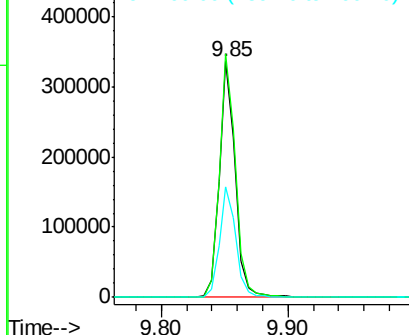
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF101433.D
 Acq: 15 Dec 2017 9:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.3	86.1	129.1
160	47.0	38.3	57.5



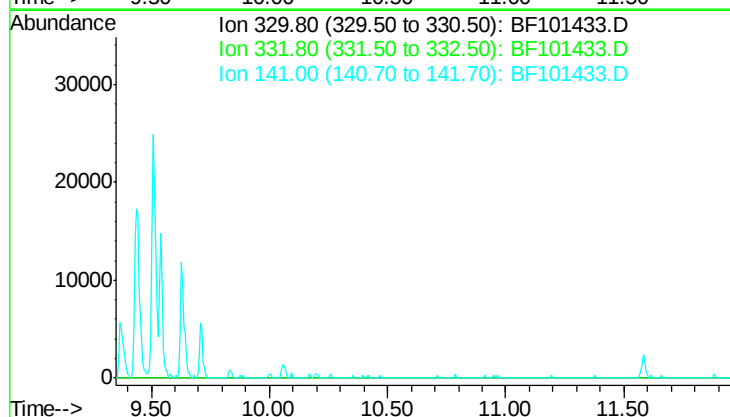
Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

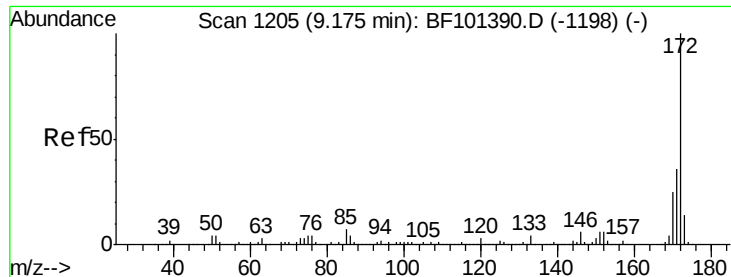


#41
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.65 min

Lab File: BF101433.D
 Acq: 15 Dec 2017 9:44

Tgt Ion	Sig	Exp Ratio
330	100	
332	96.3	
141	37.4	

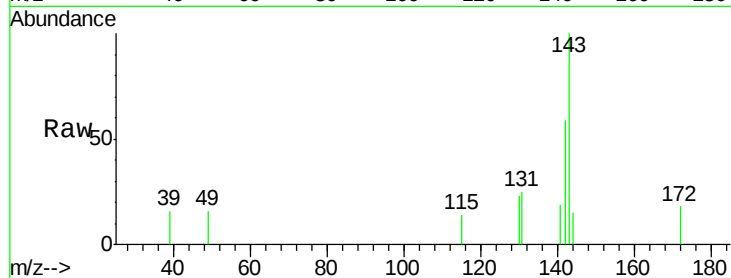




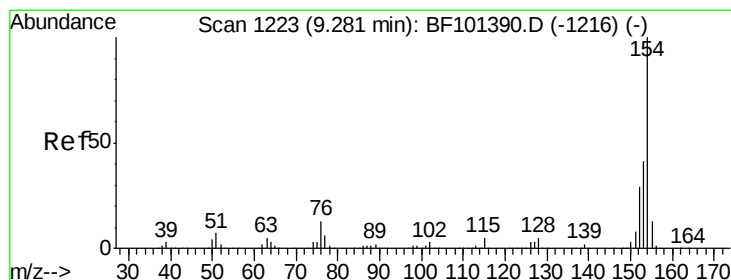
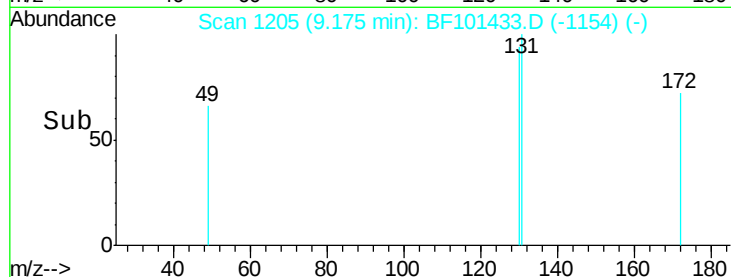
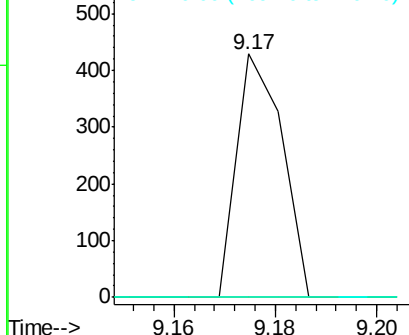
#44
2-Fluorobiphenyl
Concen: 0.014 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BF101433.D
Acq: 15 Dec 2017 9:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 267
Ion Ratio Lower Upper
172 100
171 0.0 29.7 44.5#
170 0.0 19.6 29.4#

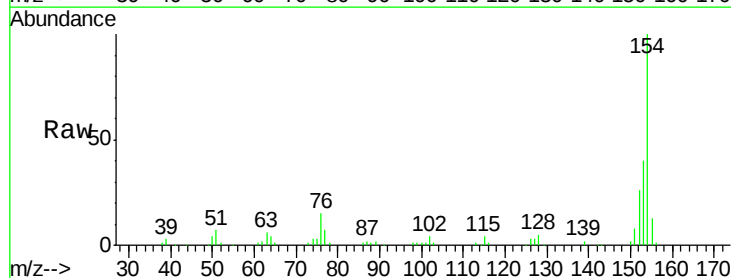


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

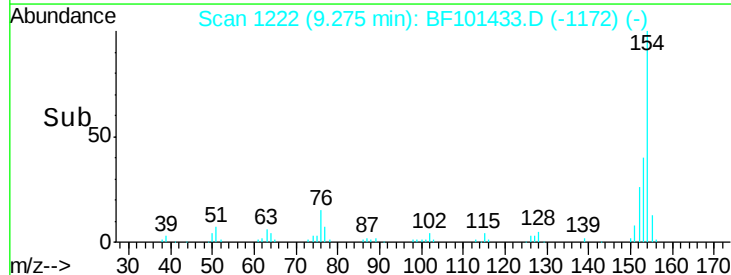
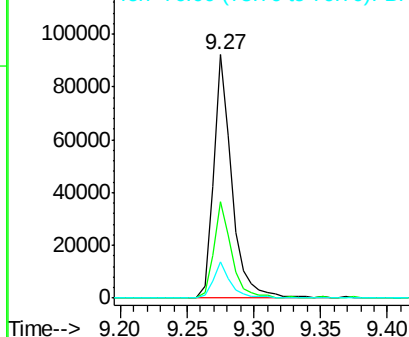


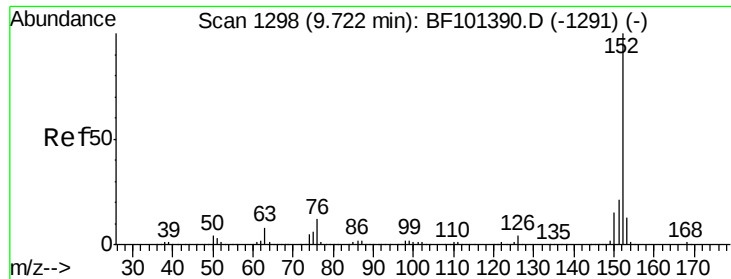
#45
1,1'-Biphenyl
Concen: 3.399 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BF101433.D
Acq: 15 Dec 2017 9:44

Tgt Ion:154 Resp: 89155
Ion Ratio Lower Upper
154 100
153 39.8 21.3 61.3
76 14.8 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





#48

Acenaphthylene

Concen: 8.190 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF101433.D

Acq: 15 Dec 2017 9:44

Instrument :

BNA_F

ClientSampled :

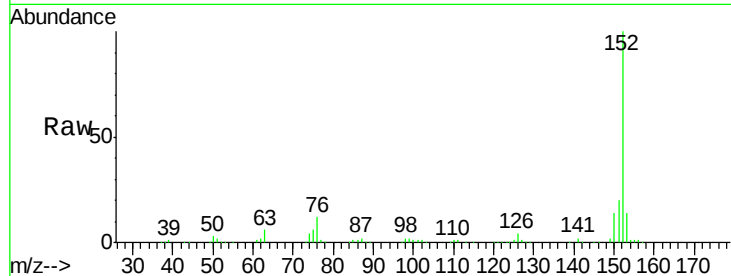
Tot Ion:152 Resp: 259602

Ion Ratio Lower Upper

152 100

151 20.2 16.3 24.5

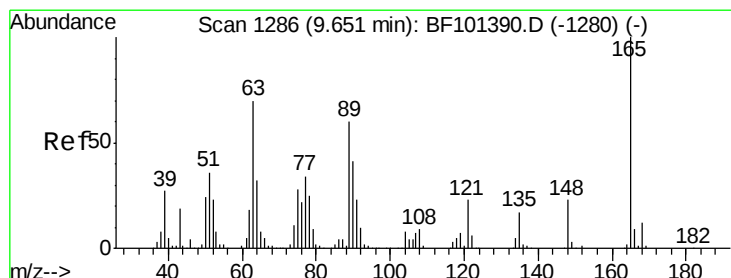
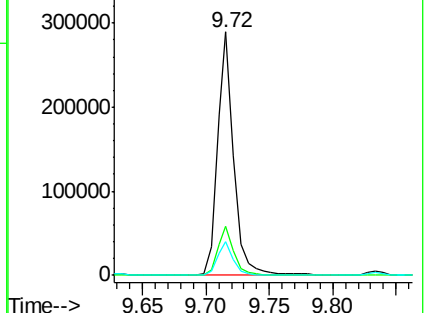
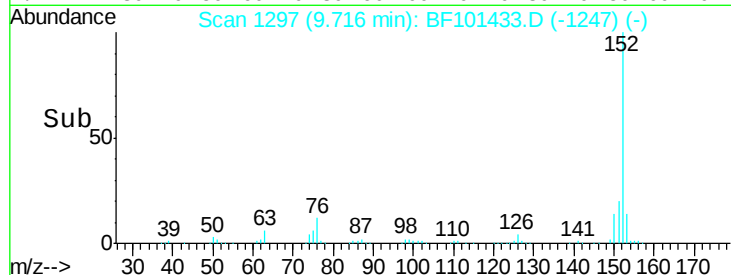
153 13.8 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

2,6-Dinitrotoluene

Concen: 8.940 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.20 min

Lab File: BF101433.D

Acq: 15 Dec 2017 9:44

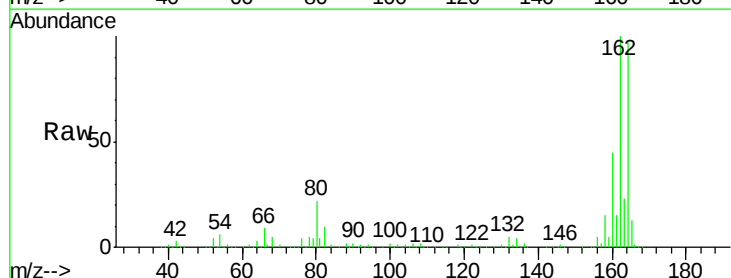
Tgt Ion:165 Resp: 43223

Ion Ratio Lower Upper

165 100

63 1.4 44.7 67.1#

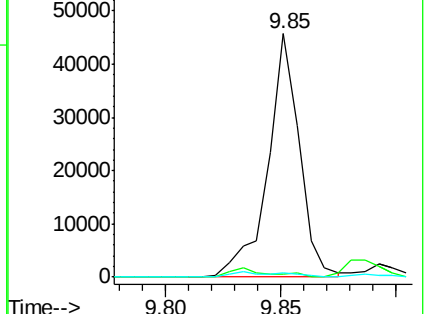
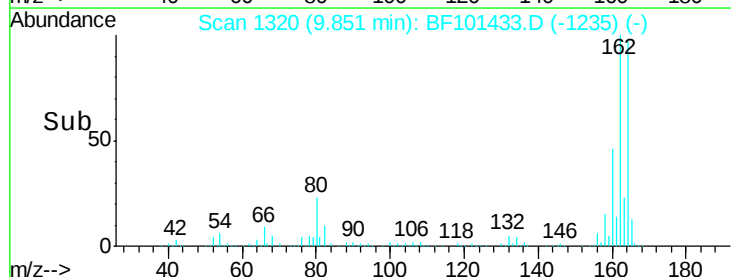
89 1.8 44.0 66.0#

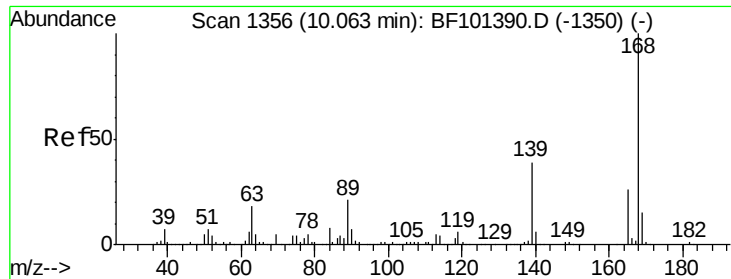


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#54

Dibenzenofuran

Concen: 13.453 ng

RT: 10.06 min Scan# 1355

Delta R.T. -0.01 min

Lab File: BF101433.D

Acq: 15 Dec 2017 9:44

Instrument :

BNA_F

ClientSampleId :

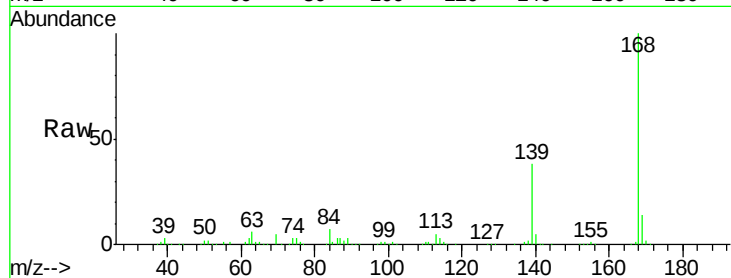
Tot Ion:168 Resp: 325577

Ion Ratio Lower Upper

168 100

139 38.2 30.1 45.1

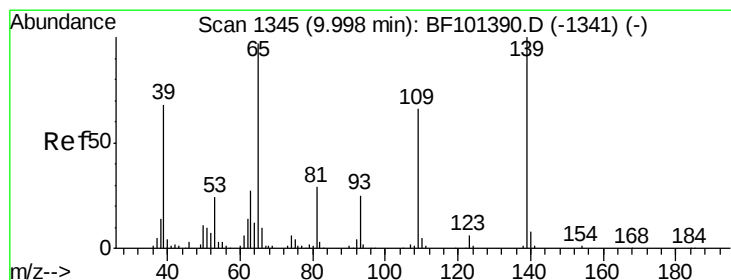
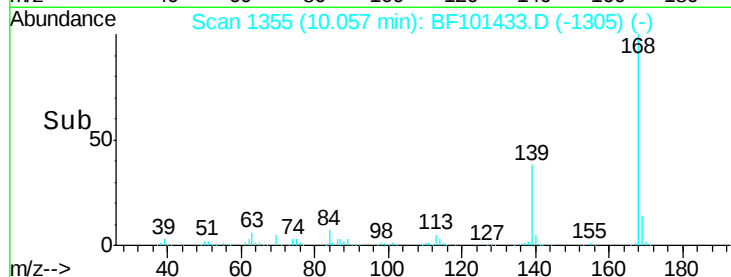
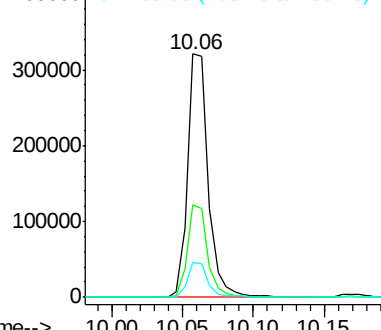
169 14.4 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 46.391 ng

RT: 10.06 min Scan# 1355

Delta R.T. 0.06 min

Lab File: BF101433.D

Acq: 15 Dec 2017 9:44

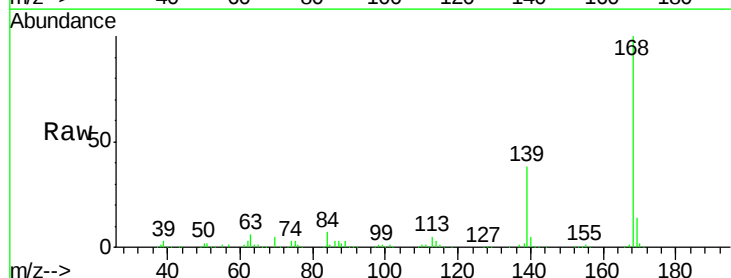
Tgt Ion:139 Resp: 121932

Ion Ratio Lower Upper

139 100

109 0.7 48.4 88.4#

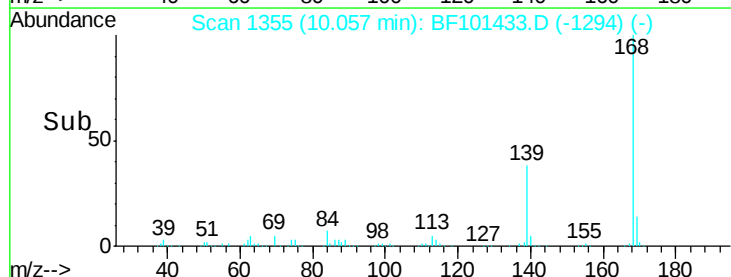
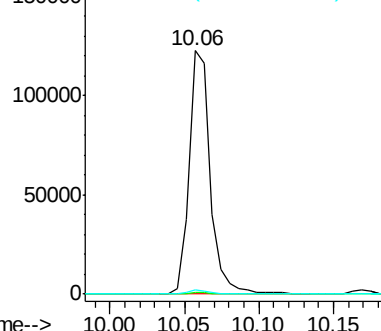
65 2.0 72.6 112.6#

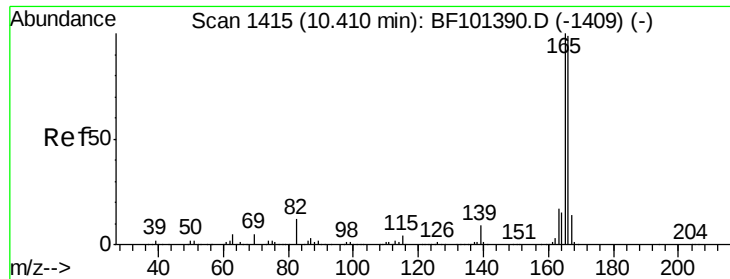


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

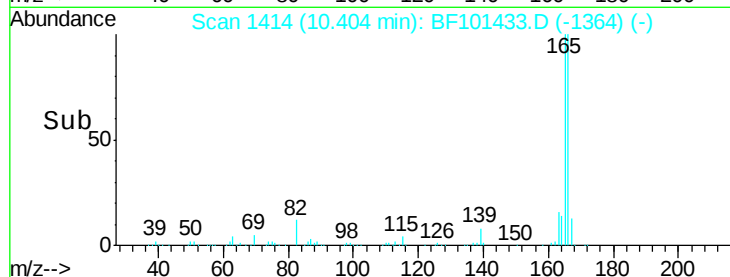
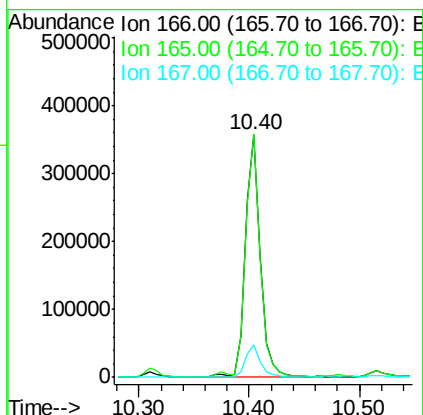
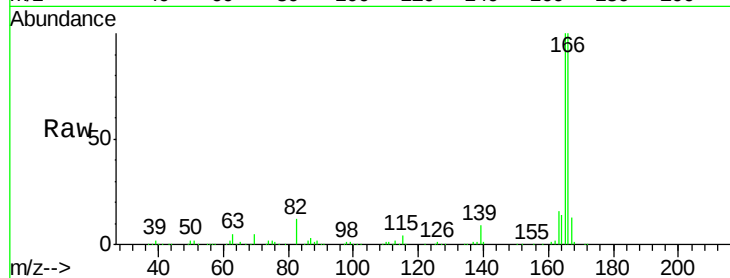




#57
 Fluorene
 Concen: 16.587 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. -0.01 min
 Lab File: BF101433.D
 Acq: 15 Dec 2017 9:44

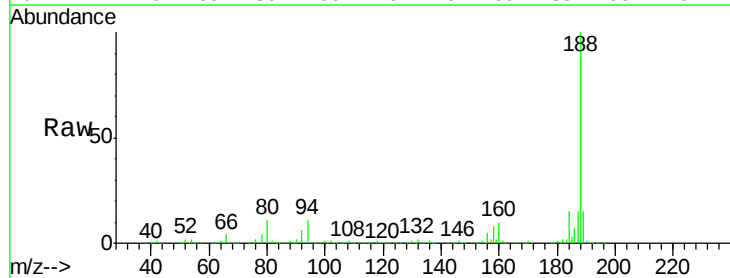
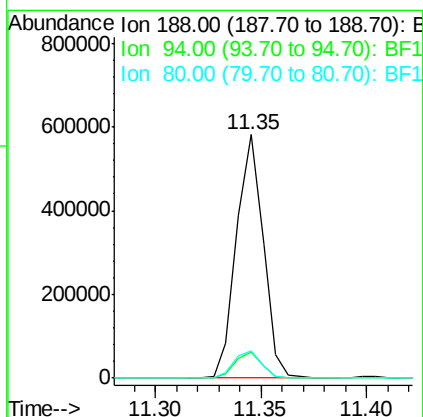
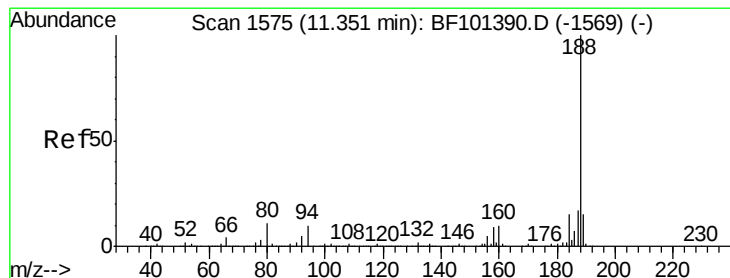
Instrument :
 BNA_F
 ClientSampleId :

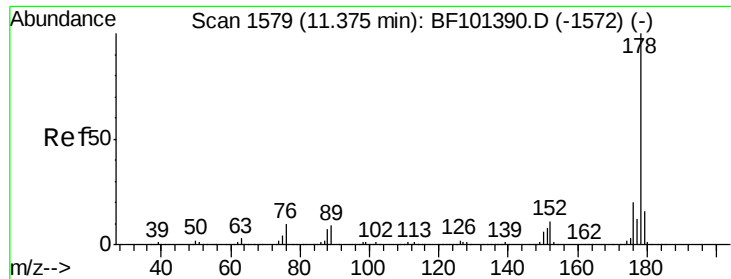
Tot Ion	Ratio	Lower	Upper
166	100		
165	100.3	79.8	119.8
167	13.2	10.6	16.0



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.35 min Scan# 1574
 Delta R.T. -0.01 min
 Lab File: BF101433.D
 Acq: 15 Dec 2017 9:44

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.5	12.7
80	11.2	9.2	13.8

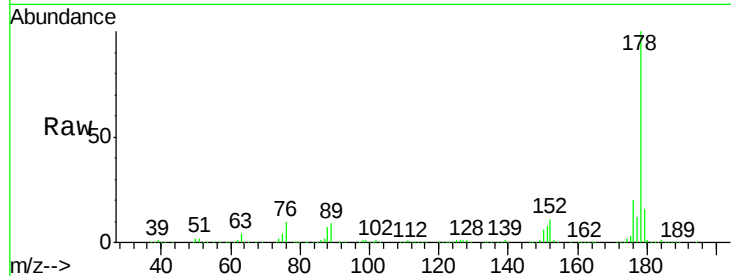




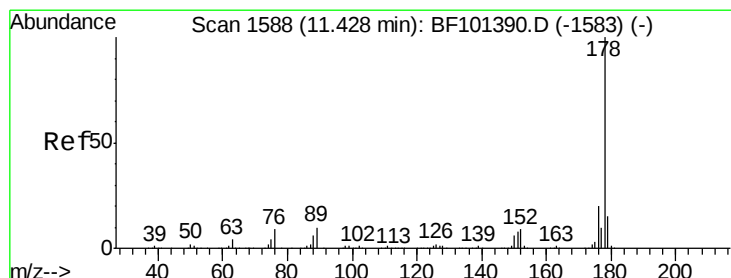
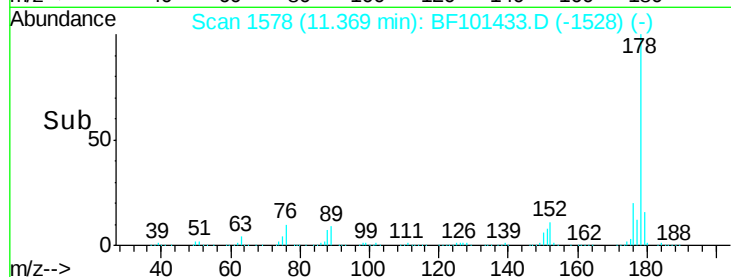
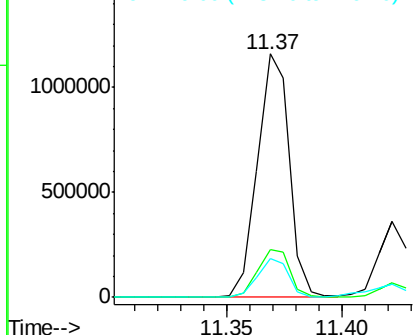
#70
Phenanthrene
Concen: 39.351 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF101433.D
Acq: 15 Dec 2017 9:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 1117590
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.8
179 16.0 13.0 19.6

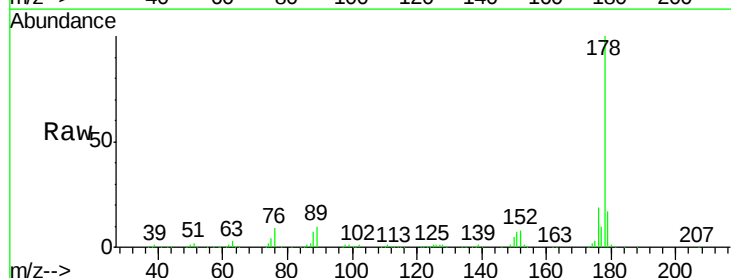


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

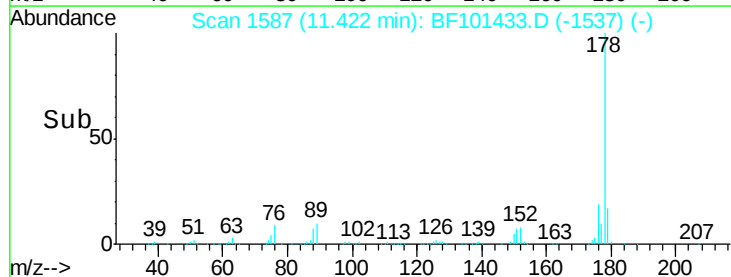
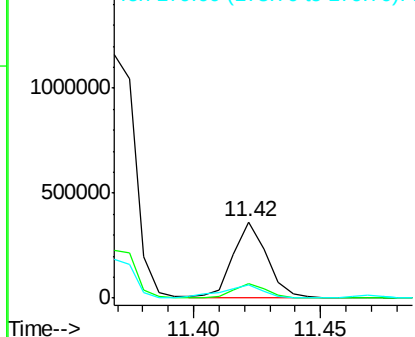


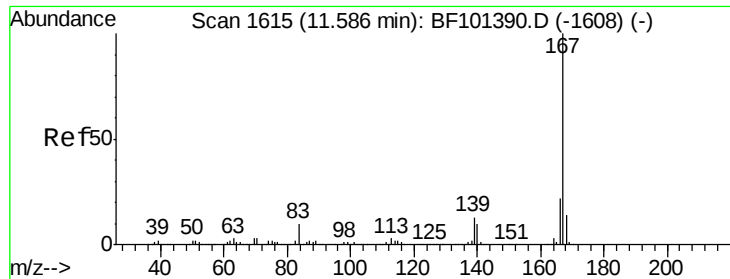
#71
Anthracene
Concen: 11.386 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BF101433.D
Acq: 15 Dec 2017 9:44

Tgt Ion:178 Resp: 330312
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.2
179 16.8 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

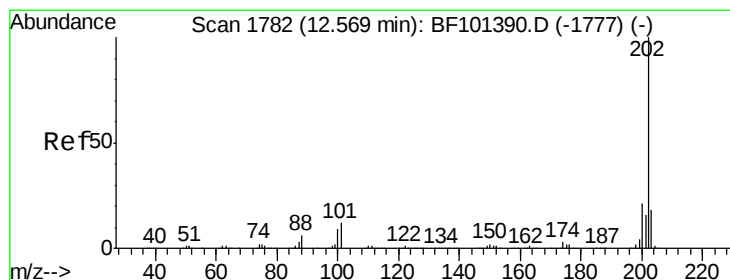
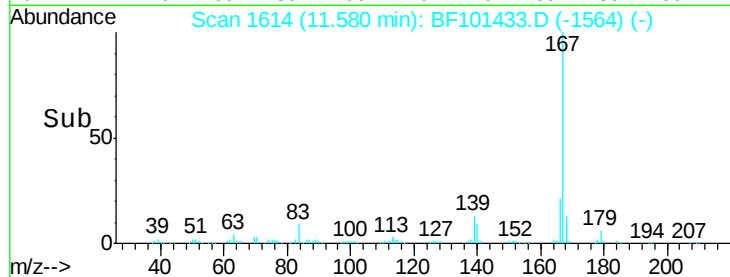
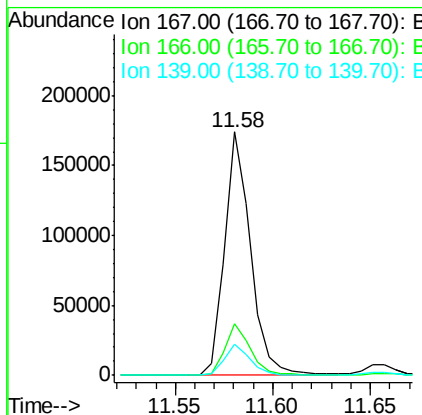
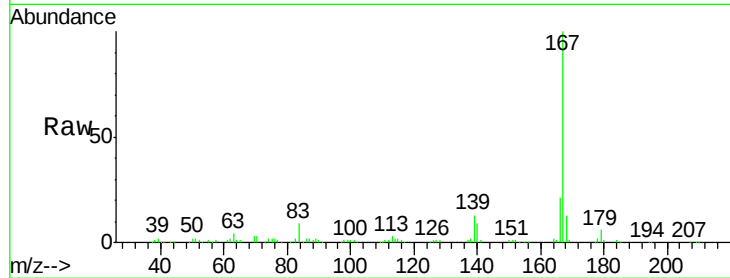




#72
 Carbazole
 Concen: 5.913 ng
 RT: 11.58 min Scan# 1614
 Delta R.T. -0.01 min
 Lab File: BF101433.D
 Acq: 15 Dec 2017 9:44

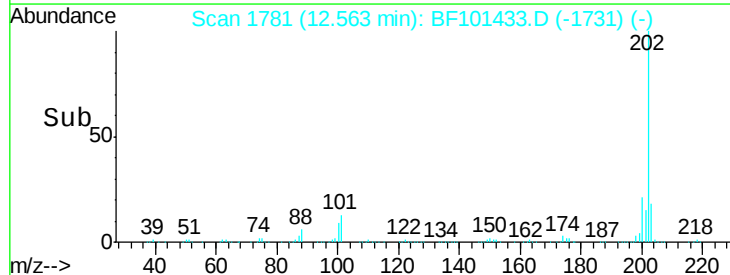
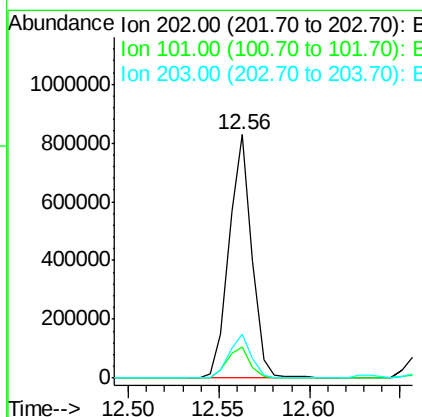
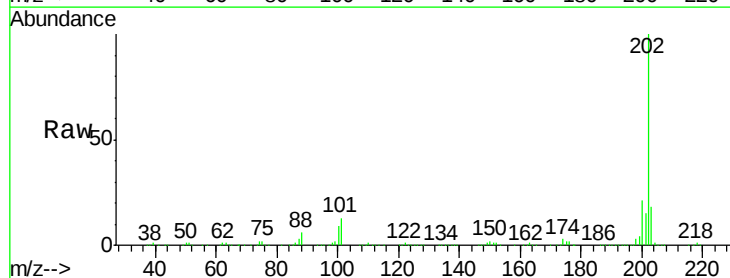
Instrument :
 BNA_F
 ClientSampleId :

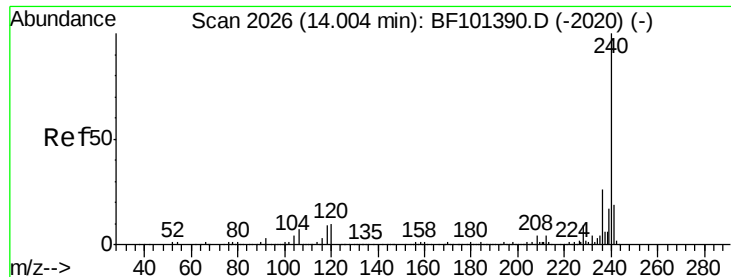
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.6	26.4
139	12.7	10.9	16.3



#74
 Fluoranthene
 Concen: 24.290 ng
 RT: 12.56 min Scan# 1781
 Delta R.T. -0.01 min
 Lab File: BF101433.D
 Acq: 15 Dec 2017 9:44

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	34.1
203	17.8	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: BF101433.D

Acq: 15 Dec 2017 9:44

Instrument :

BNA_F

ClientSampleId :

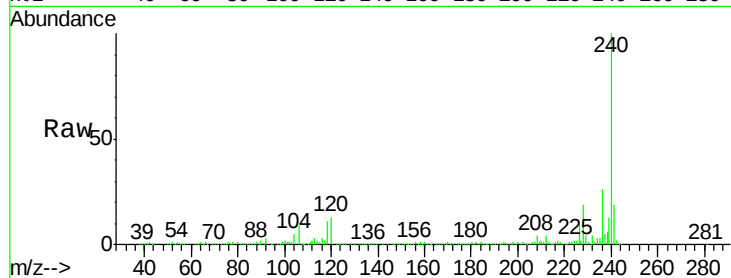
Tot Ion:240 Resp: 326196

Ion Ratio Lower Upper

240 100

120 13.2 9.5 14.3

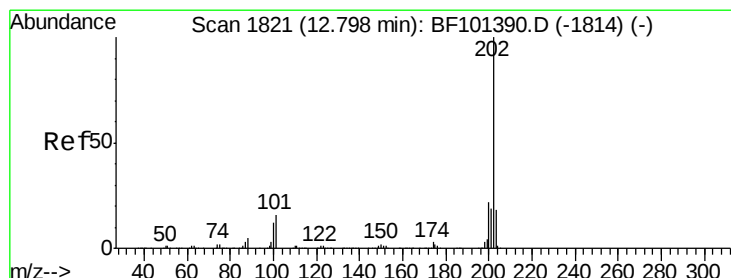
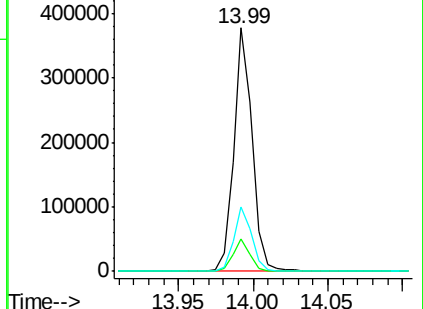
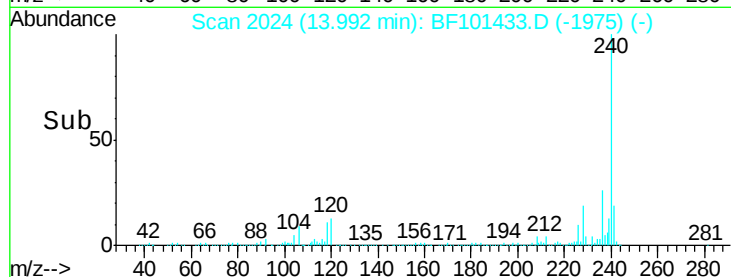
236 26.3 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 22.556 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF101433.D

Acq: 15 Dec 2017 9:44

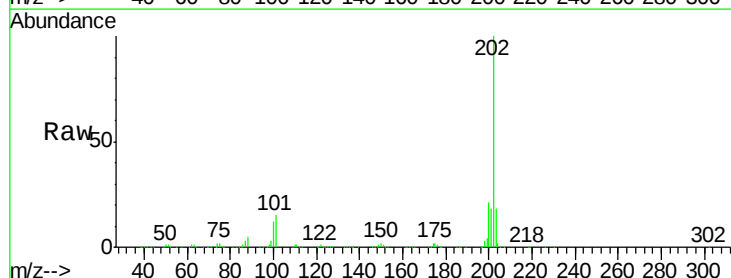
Tgt Ion:202 Resp: 552196

Ion Ratio Lower Upper

202 100

200 21.4 17.4 26.2

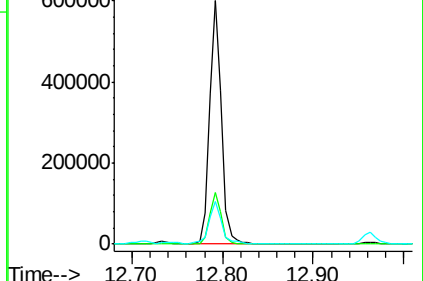
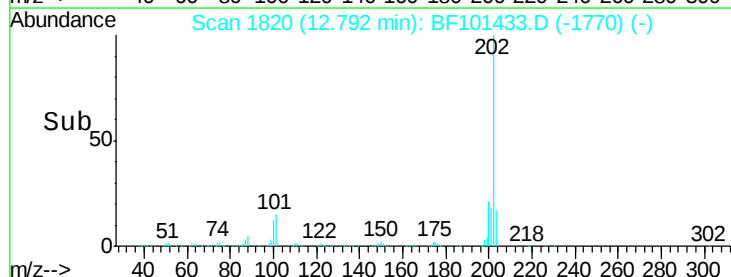
203 17.6 14.3 21.5

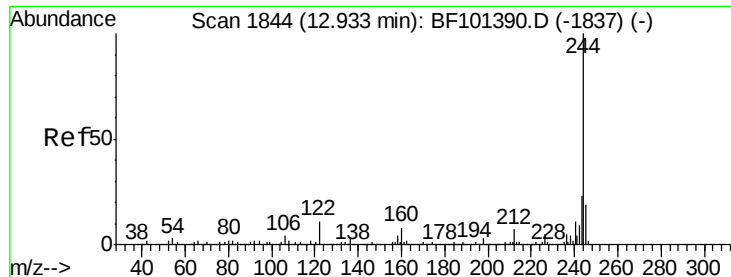


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

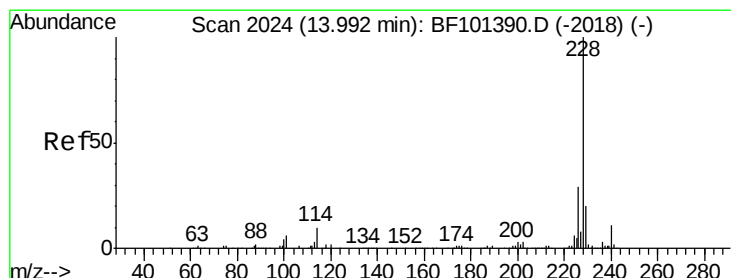
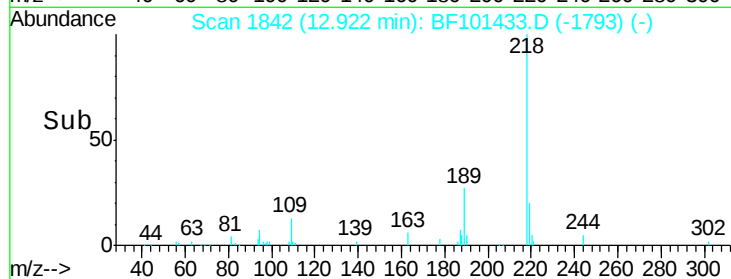
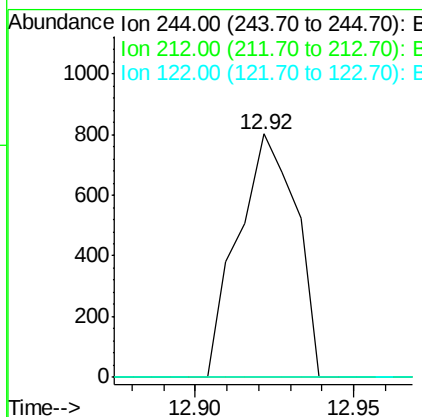
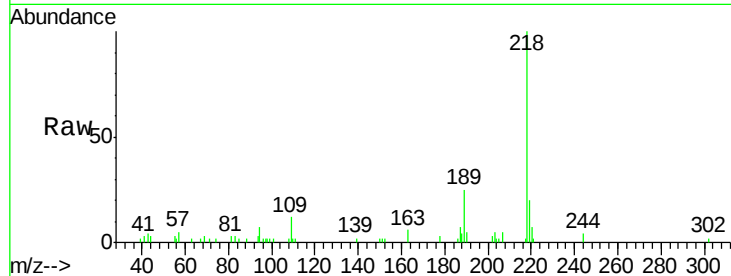




#78
 Terphenyl-d14
 Concen: 0.075 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. -0.01 min
 Lab File: BF101433.D
 Acq: 15 Dec 2017 9:44

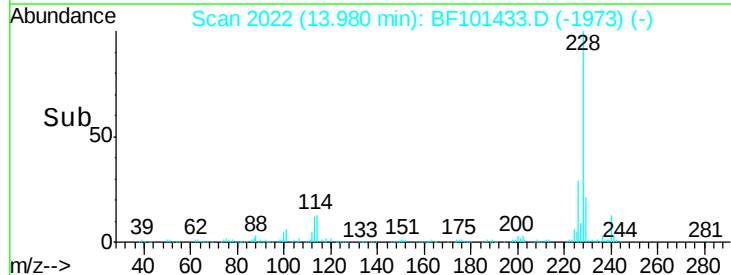
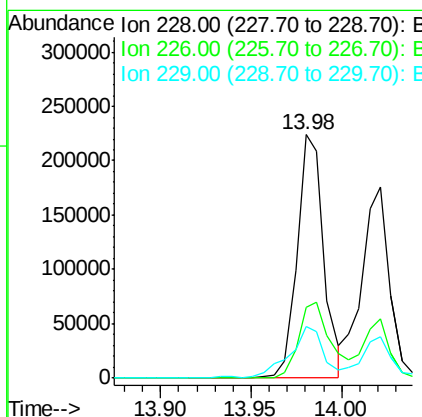
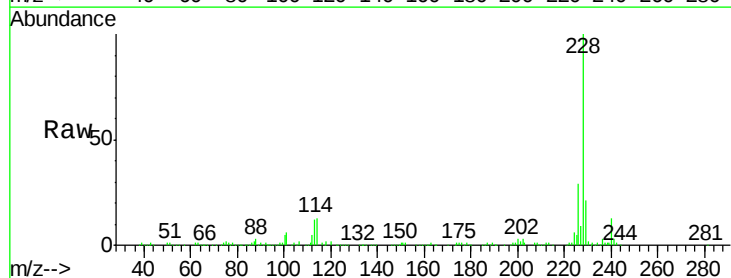
Instrument :
 BNA_F
 ClientSampled :

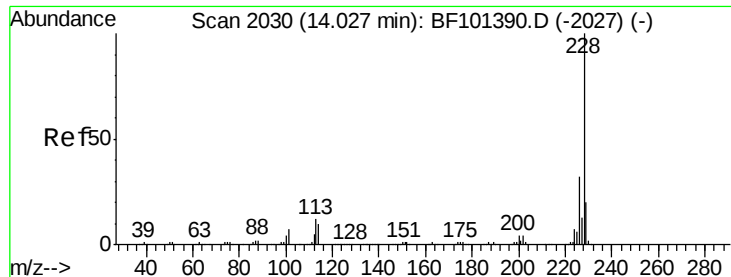
Tot Ion:244 Resp: 1021
 Ion Ratio Lower Upper
 244 100
 212 0.0 5.4 8.0#
 122 0.0 11.0 16.4#



#80
 Benzo(a)anthracene
 Concen: 10.774 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF101433.D
 Acq: 15 Dec 2017 9:44

Tgt Ion:228 Resp: 232068
 Ion Ratio Lower Upper
 228 100
 226 28.9 22.6 33.8
 229 21.0 15.8 23.6

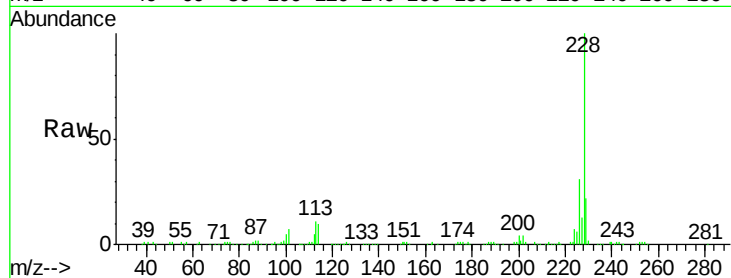




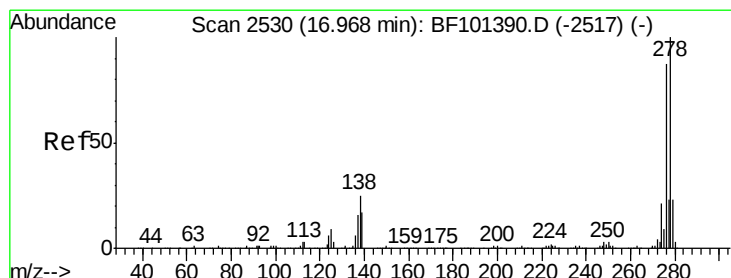
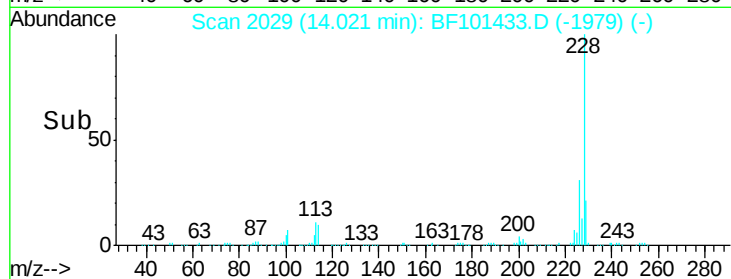
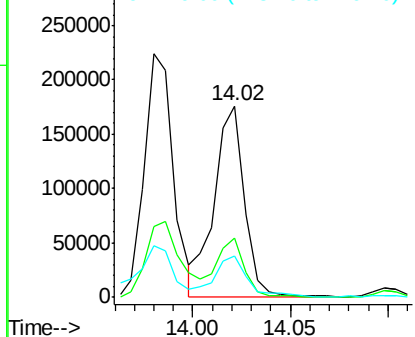
#82
Chrysene
Concen: 9.222 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF101433.D
Acq: 15 Dec 2017 9:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.0	37.6
229	21.7	16.2	24.4

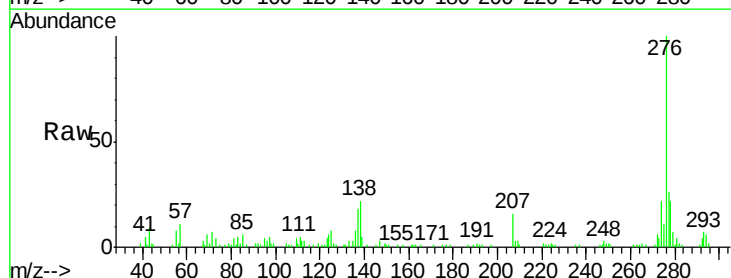


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

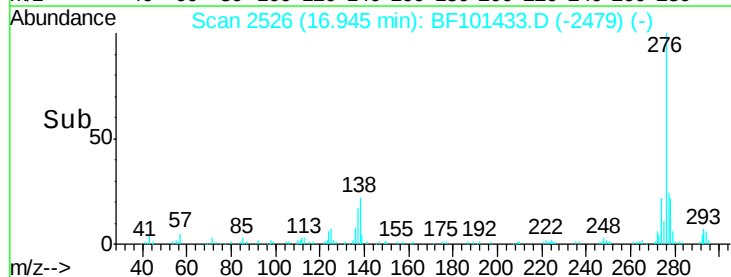
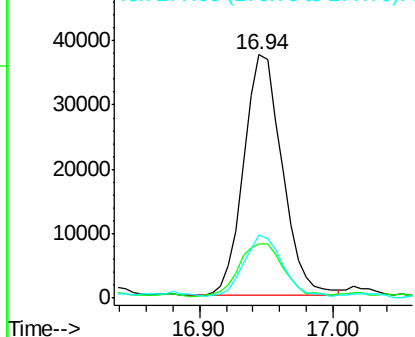


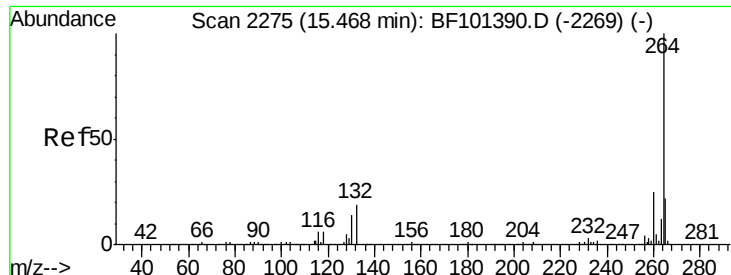
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.132 ng
RT: 16.94 min Scan# 2526
Delta R.T. -0.02 min
Lab File: BF101433.D
Acq: 15 Dec 2017 9:44

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.6	25.0	37.6
277	24.6	20.1	30.1



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

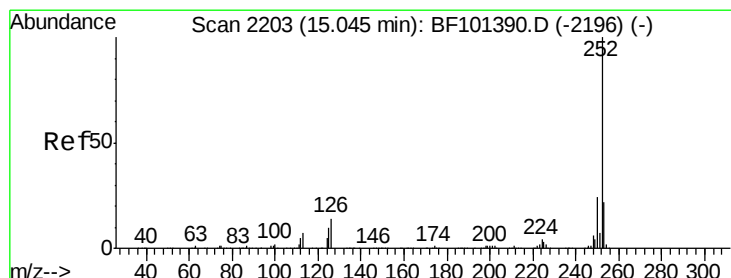
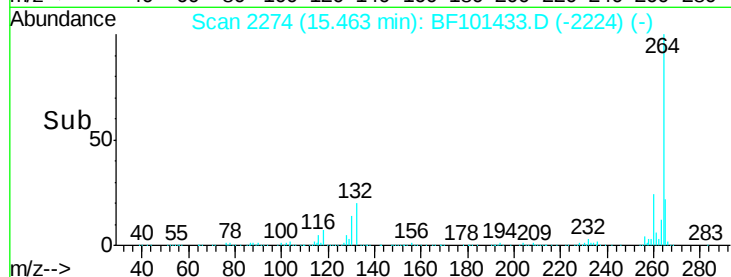
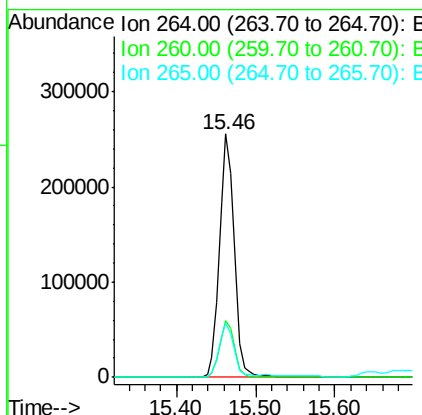
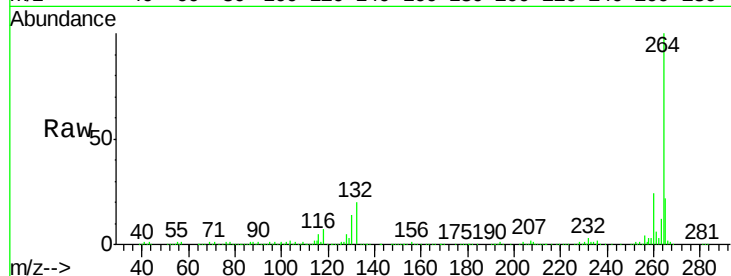




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF101433.D
Acq: 15 Dec 2017 9:44

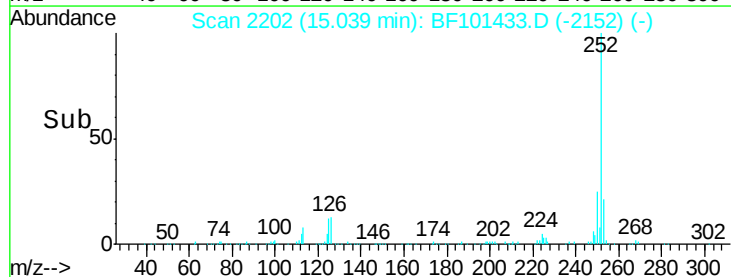
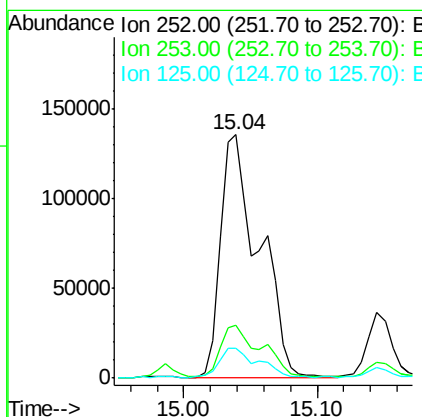
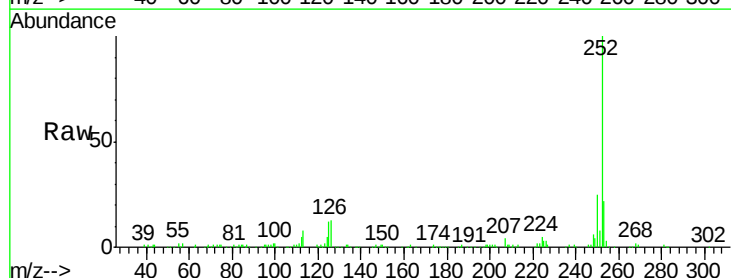
Instrument :
BNA_F
ClientSampleId :

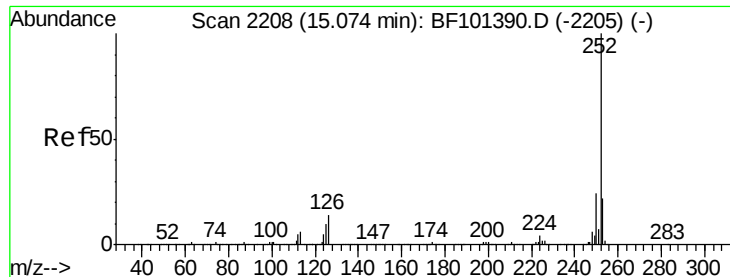
Tot Ion:264 Resp: 330491
Ion Ratio Lower Upper
264 100
260 23.5 19.2 28.8
265 22.3 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 13.510 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BF101433.D
Acq: 15 Dec 2017 9:44

Tgt Ion:252 Resp: 272153
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.6
125 12.4 9.0 13.6





#88

Benzo(k)fluoranthene

Concen: 13.896 ng

RT: 15.04 min Scan# 2202

Delta R.T. -0.04 min

Lab File: BF101433.D

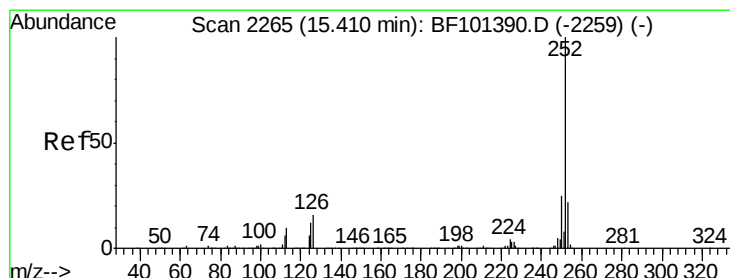
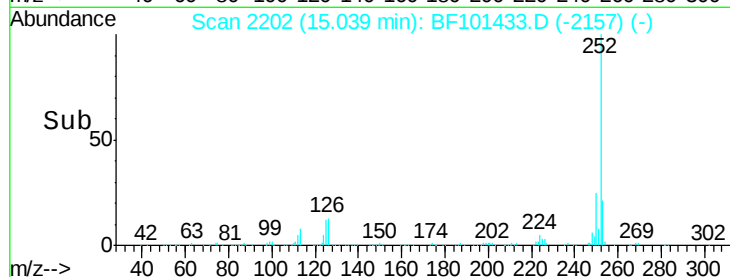
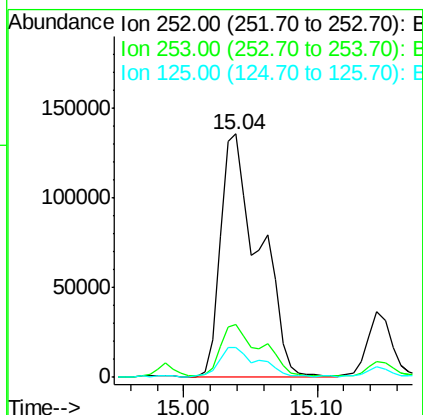
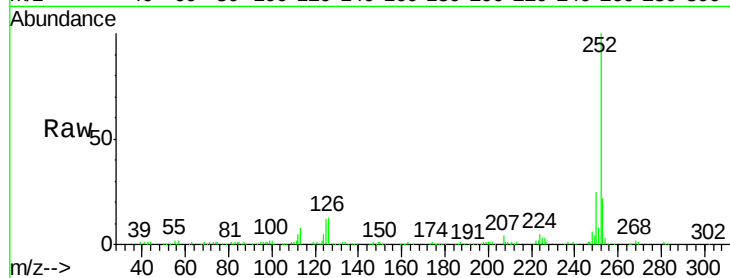
Acq: 15 Dec 2017 9:44

Instrument :

BNA_F

ClientSampleId :

Tot Ion:252	Resp:	272153
Ion Ratio	Lower	Upper
252	100	
253	21.9	17.9 26.9
125	12.4	10.2 15.2



#89

Benzo(a)pyrene

Concen: 8.876 ng

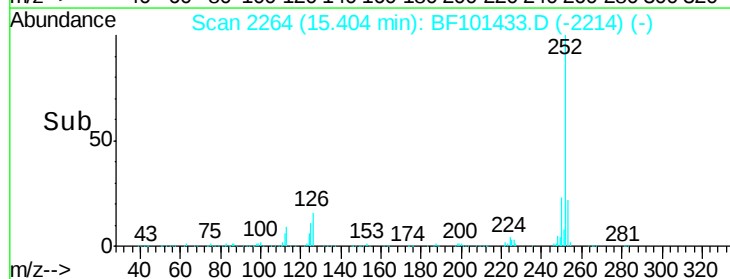
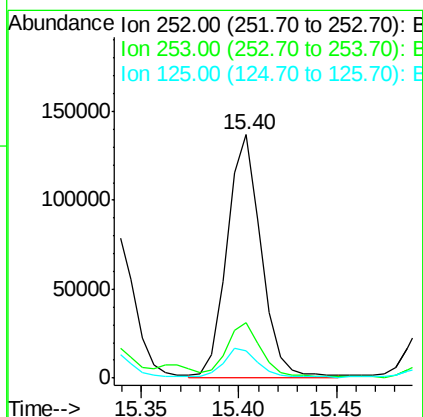
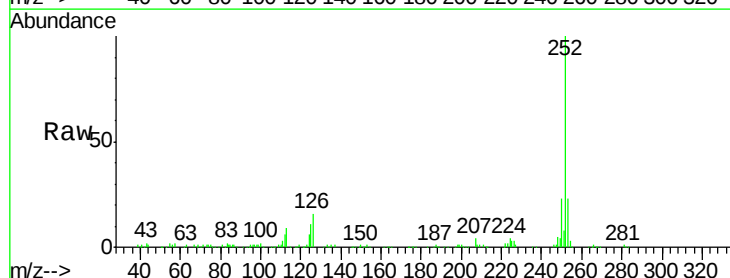
RT: 15.40 min Scan# 2264

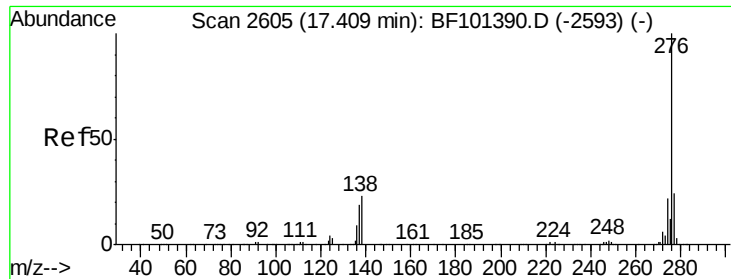
Delta R.T. -0.01 min

Lab File: BF101433.D

Acq: 15 Dec 2017 9:44

Tgt Ion:252	Resp:	164820
Ion Ratio	Lower	Upper
252	100	
253	22.9	17.1 25.7
125	11.2	9.8 14.6

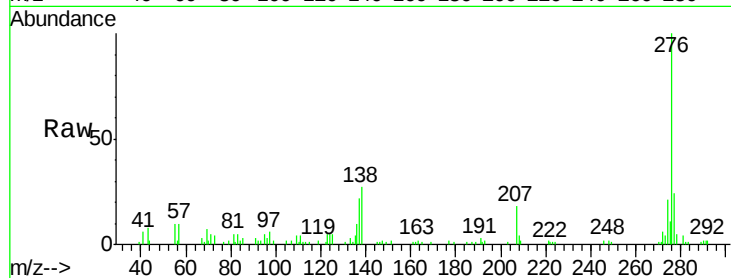




#91
 Benzo(a,h,i)perylene
 Concen: 4.061 ng
 RT: 17.40 min Scan# 2603
 Delta R.T. -0.01 min
 Lab File: BF101433.D
 Acq: 15 Dec 2017 9:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	276	Resp:	64114
Ion	Ratio	Lower	Upper
276	100		
277	24.1	17.9	26.9
138	27.3	21.8	32.8



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

