

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121417\
 Data File : BF101412.D
 Acq On : 14 Dec 2017 23:50
 Operator : SJ/JU
 Sample : I6846-01 100X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 15 02:14:25 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	179860	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	713111	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	328480	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	593160	20.00	ng	0.00
75) Chrysene-d12	13.99	240	393901	20.00	ng	-0.01
86) Perylene-d12	15.46	264	338493	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	146	0.01	ng	0.08
7) Phenol-d6	6.46	99	1615	0.11	ng	0.00
23) Nitrobenzene-d5	7.40	82	747	0.06	ng	0.01
41) 2,4,6-Tribromophenol	10.66	330	286	0.09	ng	0.01
44) 2-Fluorobiphenyl	9.17	172	2129	0.10	ng	0.00
78) Terphenyl-d14	12.92	244	2405	0.15	ng	-0.01

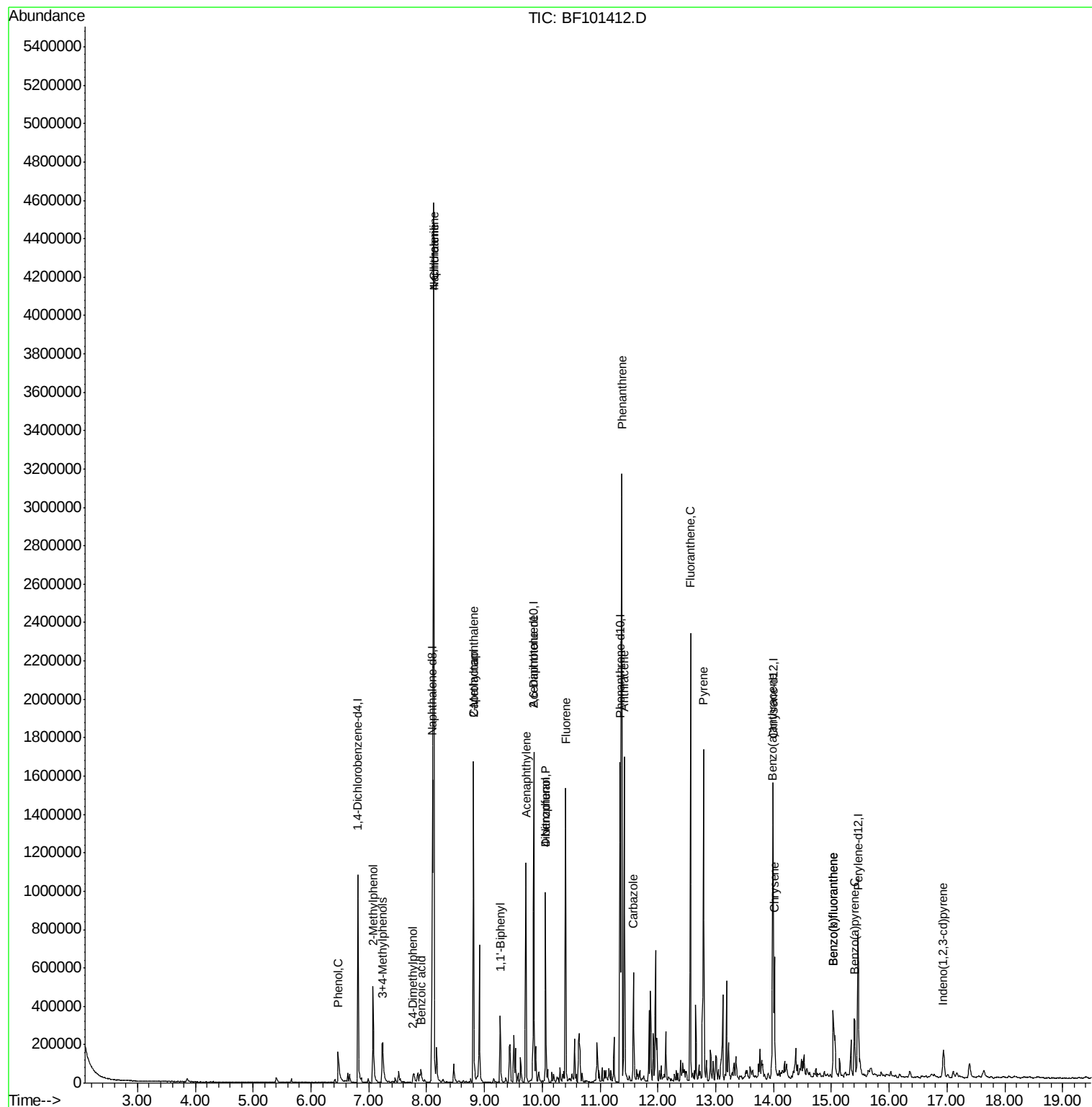
Target Compounds				Qvalue		
10) Phenol	6.47	94	116765	6.817	ng	95
17) 2-Methylphenol	7.08	107	27505	2.354	ng	96
20) 3+4-Methylphenols	7.24	107	86679	7.001	ng	87
27) 2,4-Dimethylphenol	7.77	122	20920	2.022	ng	97
31) Naphthalene	8.12	128	2422668	67.483	ng	99
32) Benzoic acid	7.90	122	18866	10.218	ng	# 16
33) 4-Chloroaniline	8.12	127	333491	21.373	ng	# 33
35) Caprolactam	8.81	113	10148	2.859	ng	# 1
37) 2-Methylnaphthalene	8.81	142	459293	19.636	ng	99
45) 1,1'-Biphenyl	9.27	154	112515	3.862	ng	96
48) Acenaphthylene	9.72	152	481988	13.690	ng	99
50) 2,6-Dinitrotoluene	9.85	165	48998	9.124	ng	# 26
54) Dibenzofuran	10.06	168	384304	14.297	ng	98
55) 4-Nitrophenol	10.06	139	143723	49.231	ng	# 10
57) Fluorene	10.40	166	454307	19.979	ng	99
70) Phenanthrene	11.37	178	1305987	39.592	ng	99
71) Anthracene	11.42	178	657365	19.509	ng	99
72) Carbazole	11.58	167	211263	6.697	ng	99
74) Fluoranthene	12.56	202	885825	25.584	ng	98
77) Pvrene	12.79	202	674075	22.802	ng	100
80) Benzo(a)anthracene	13.98	228	293653	11.290	ng	98
82) Chrysene	14.02	228	236529	9.631	ng	99
85) Indeno(1,2,3-cd)pyrene	16.94	276	75833	3.468	ng	92
87) Benzo(b)fluoranthene	15.03	252	271707	13.169	ng	98
88) Benzo(k)fluoranthene	15.03	252	271707	13.545	ng	99
89) Benzo(a)pyrene	15.40	252	150809	7.929	ng	98

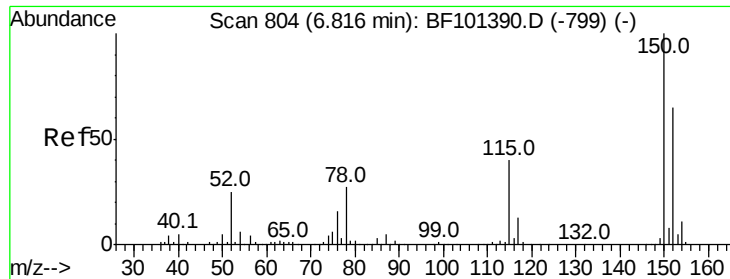
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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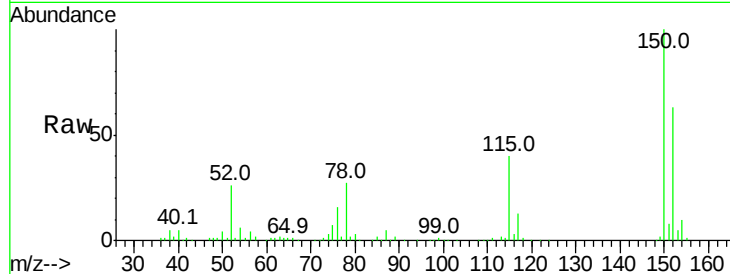


#1

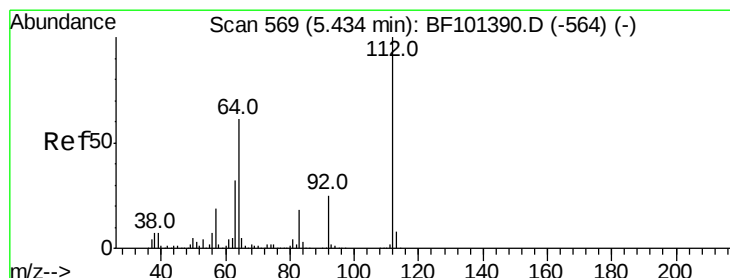
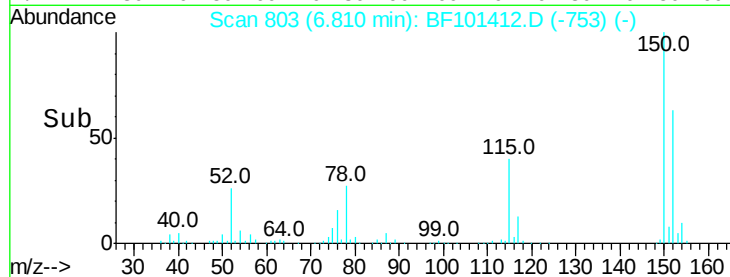
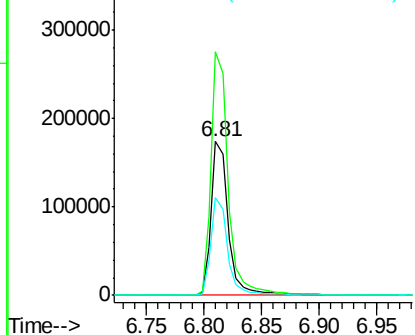
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF101412.D
Acq: 14 Dec 2017 23:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 179860
Ion Ratio Lower Upper
152 100
150 158.4 124.6 186.8
115 63.9 50.1 75.1



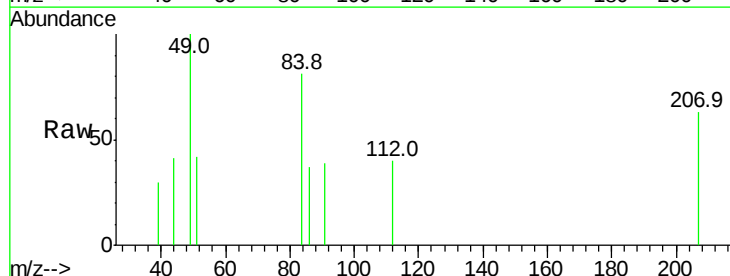
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



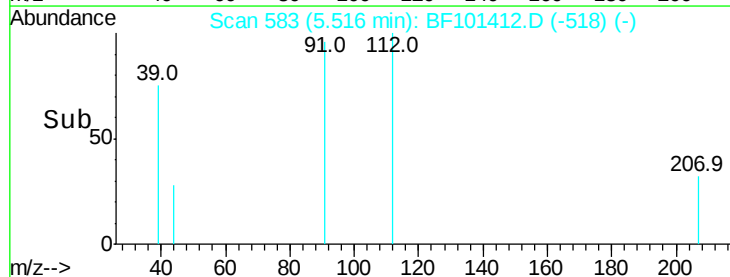
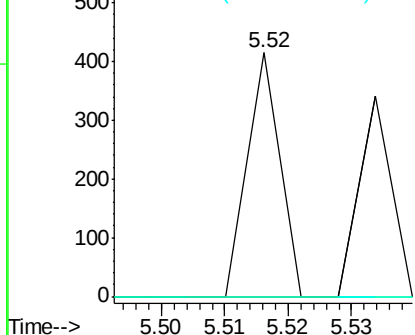
#5

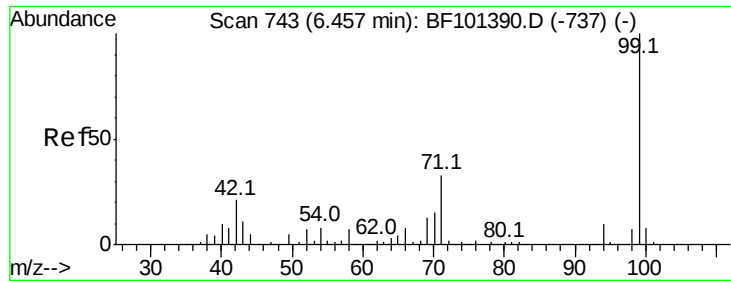
2-Fluorophenol
Concen: 0.012 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.08 min
Lab File: BF101412.D
Acq: 14 Dec 2017 23:50

Tgt Ion:112 Resp: 146
Ion Ratio Lower Upper
112 100
64 0.0 47.9 71.9#
63 0.0 23.7 35.5#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 0.107 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF101412.D

Acq: 14 Dec 2017 23:50

Instrument :

BNA_F

ClientSampleId :

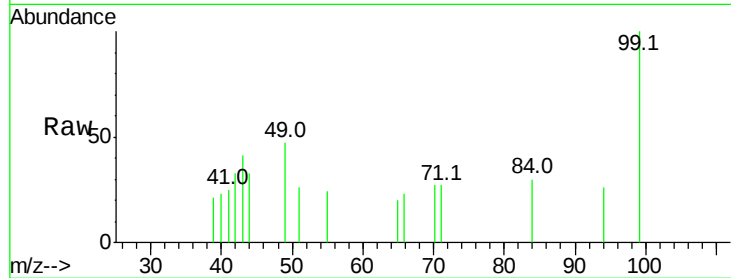
Tot Ion: 99 Resp: 1615

Ion Ratio Lower Upper

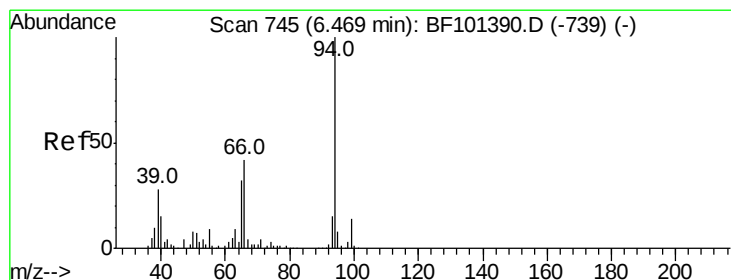
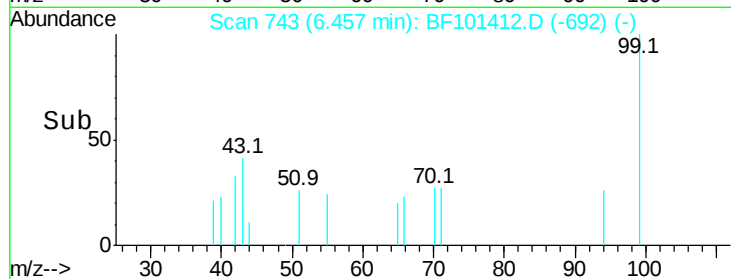
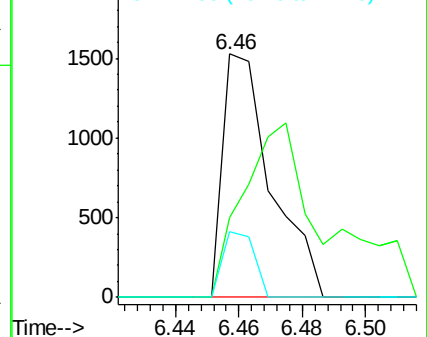
99 100

42 32.6 14.5 21.7#

71 26.8 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: 6.817 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.01 min

Lab File: BF101412.D

Acq: 14 Dec 2017 23:50

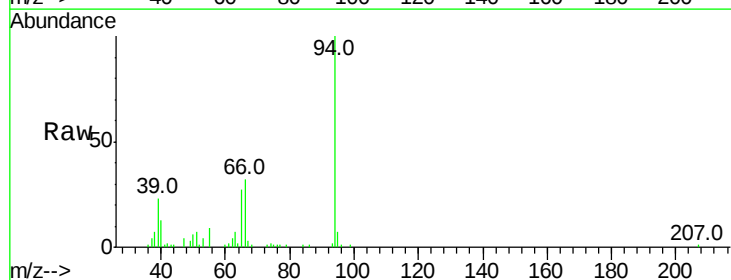
Tgt Ion: 94 Resp: 116765

Ion Ratio Lower Upper

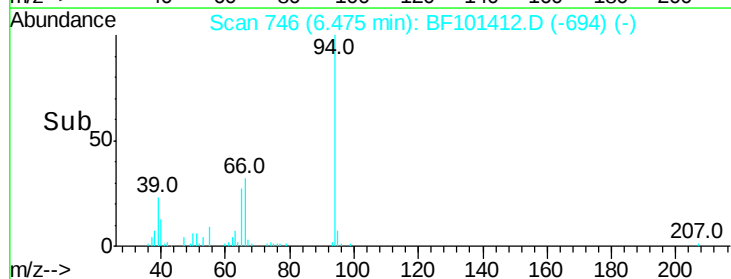
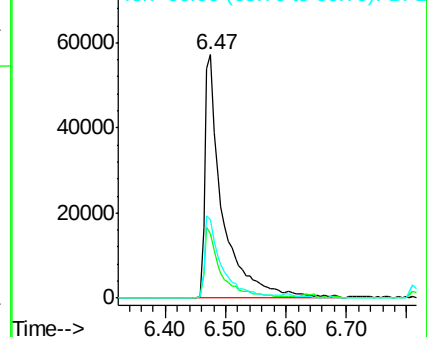
94 100

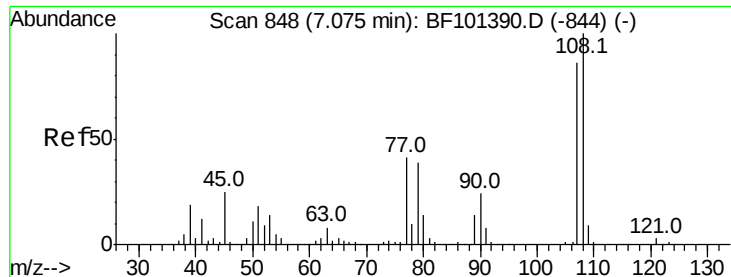
65 26.7 7.9 47.9

66 32.3 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

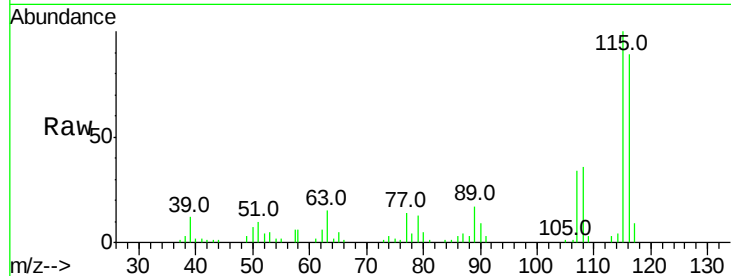




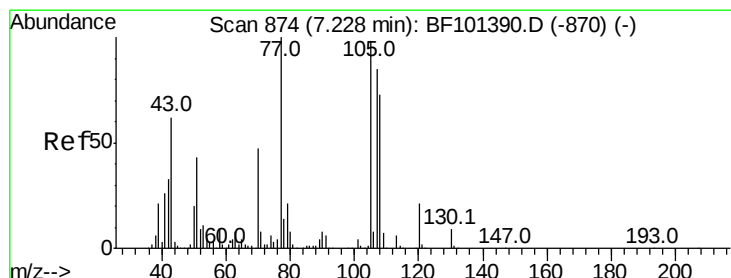
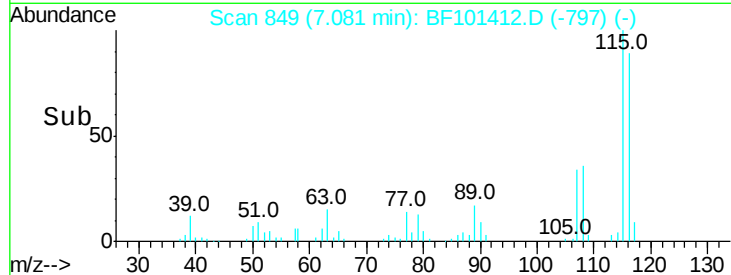
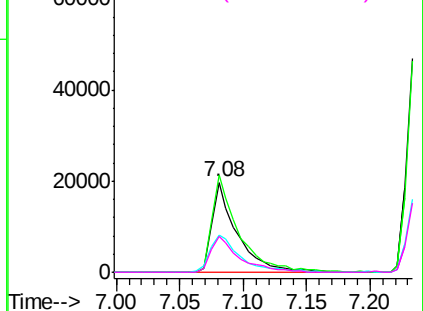
#17
2-Methylphenol
Concen: 2.354 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.01 min
Lab File: BF101412.D
Acq: 14 Dec 2017 23:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 27505
Ion Ratio Lower Upper
107 100
108 108.5 91.7 137.5
77 41.5 33.8 50.8
79 39.5 33.8 50.8

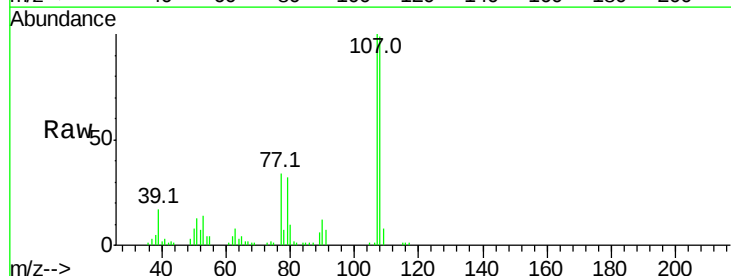


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

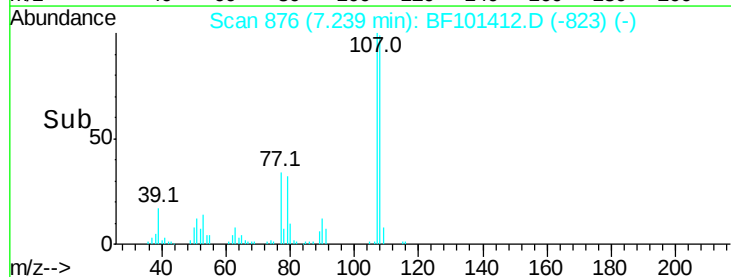
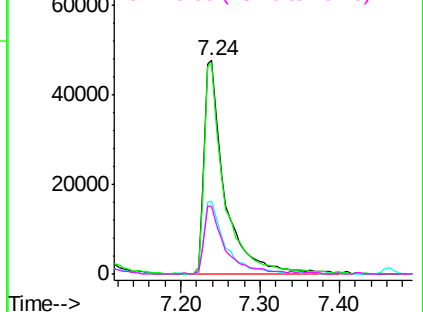


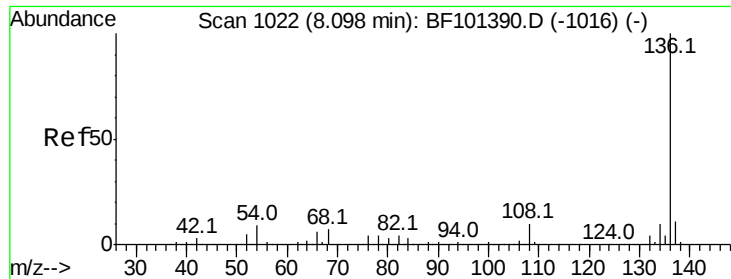
#20
3+4-Methylphenols
Concen: 7.001 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.01 min
Lab File: BF101412.D
Acq: 14 Dec 2017 23:50

Tgt Ion:107 Resp: 86679
Ion Ratio Lower Upper
107 100
108 98.9 68.2 108.2
77 34.3 26.7 66.7
79 31.5 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

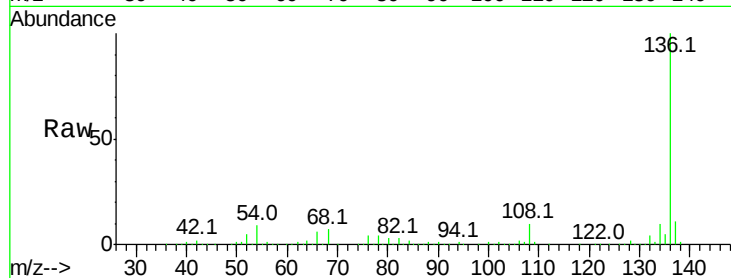




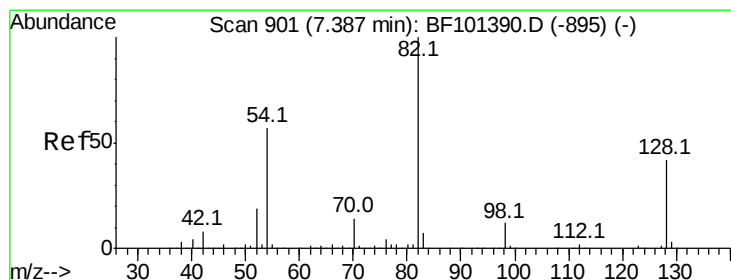
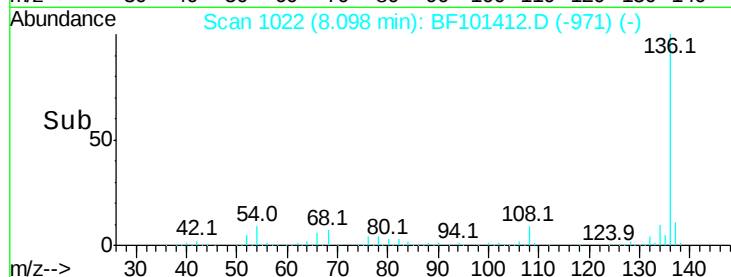
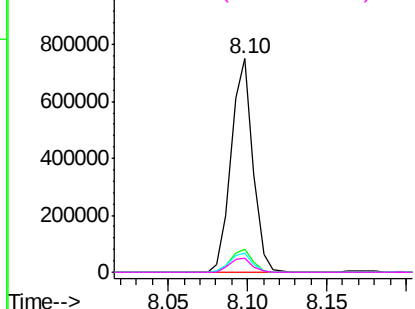
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF101412.D
Acq: 14 Dec 2017 23:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	713111
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.0	6.6	9.8
68	6.8	5.0	7.4

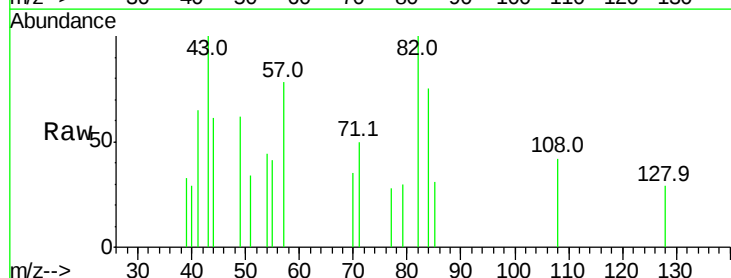


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

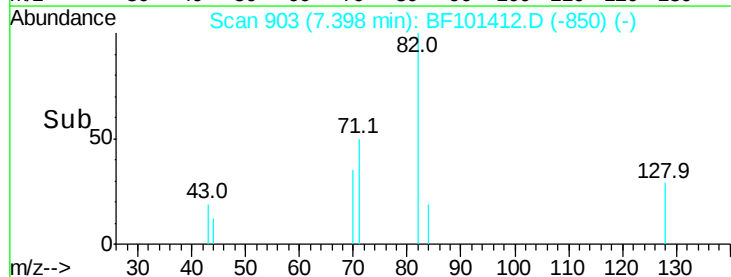
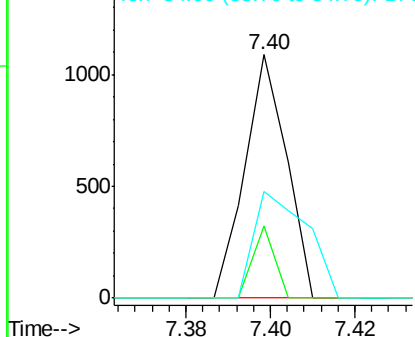


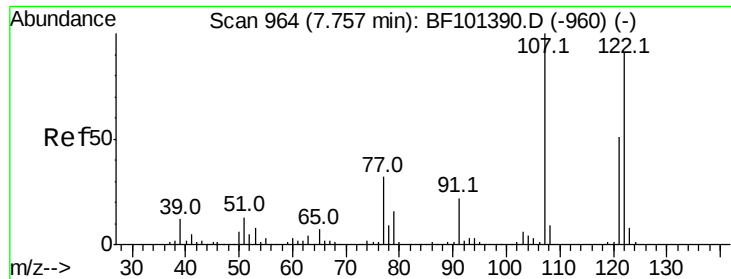
#23
Nitrobenzene-d5
Concen: 0.058 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.01 min
Lab File: BF101412.D
Acq: 14 Dec 2017 23:50

Tgt Ion:	82	Resp:	747
Ion	Ratio	Lower	Upper
82	100		
128	29.4	36.1	54.1#
54	43.7	41.4	62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#27

2,4-Dimethylphenol

Concen: 2.022 ng

RT: 7.77 min Scan# 967

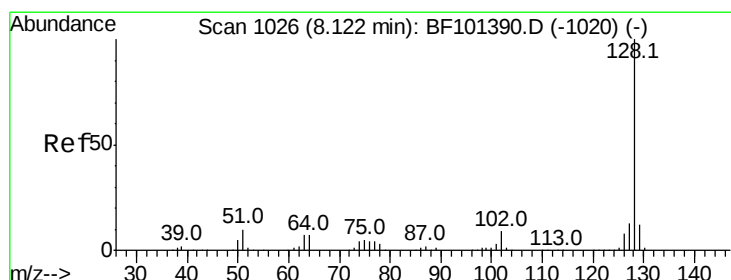
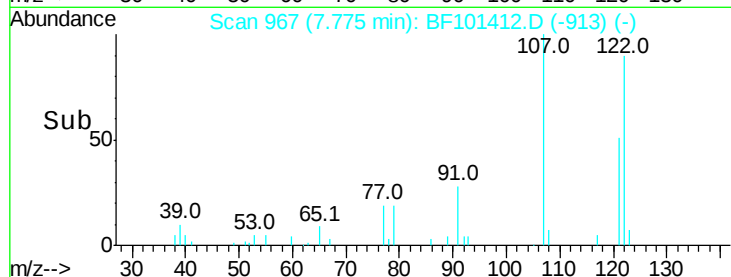
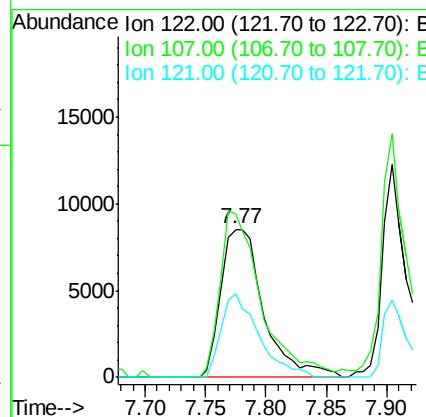
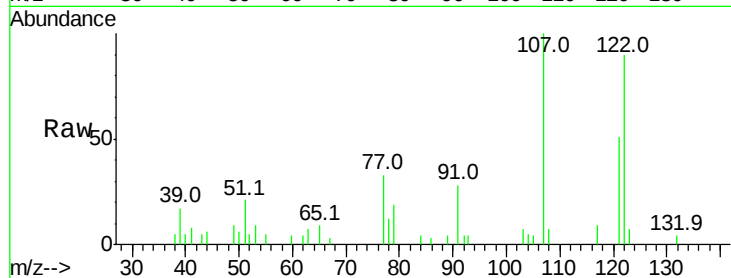
Delta R.T. 0.02 min

Lab File: BF101412.D

Acq: 14 Dec 2017 23:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 20920
Ion Ratio Lower Upper
122 100
107 110.5 91.2 136.8
121 56.4 47.2 70.8



#31

Naphthalene

Concen: 67.483 ng

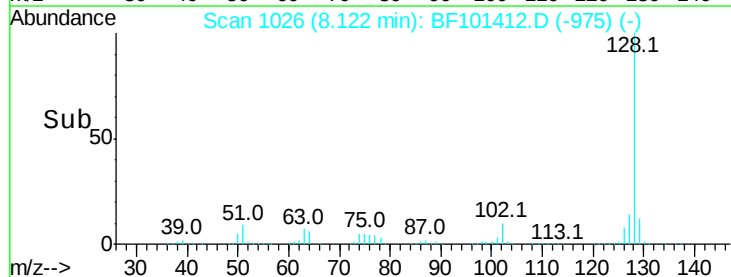
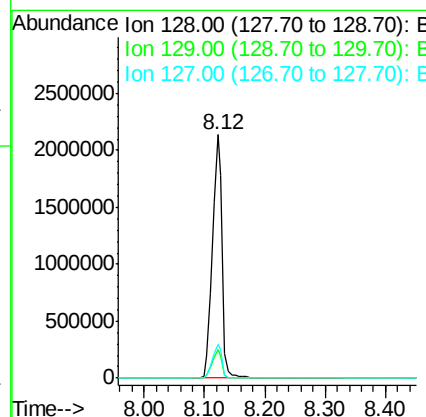
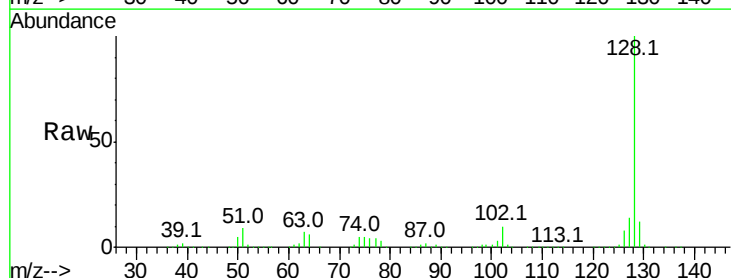
RT: 8.12 min Scan# 1026

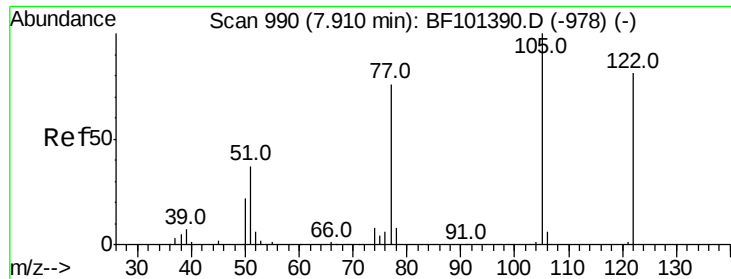
Delta R.T. -0.00 min

Lab File: BF101412.D

Acq: 14 Dec 2017 23:50

Tgt Ion:128 Resp: 2422668
Ion Ratio Lower Upper
128 100
129 11.7 8.8 13.2
127 14.1 10.9 16.3

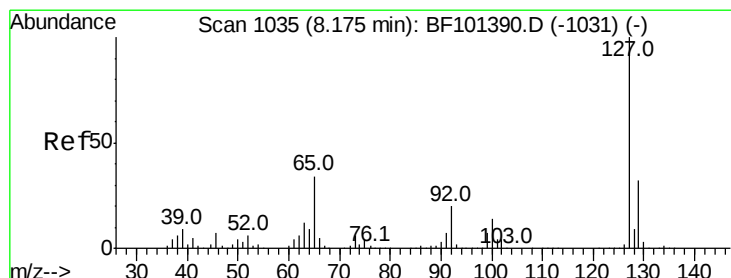
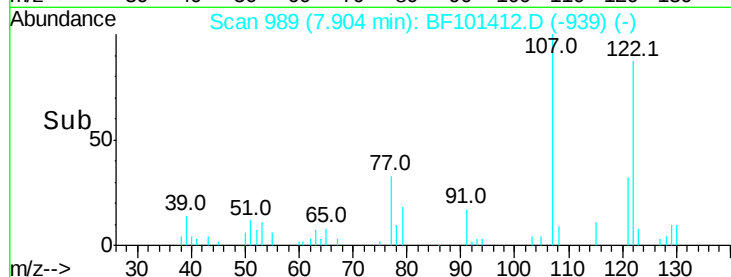
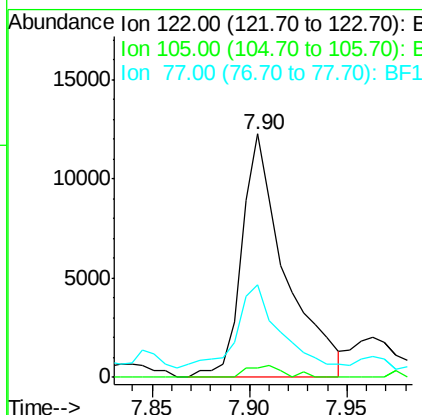
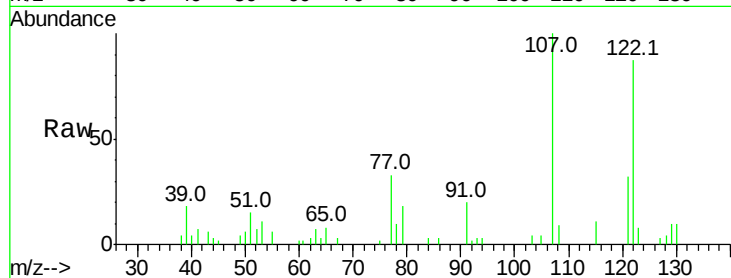




#32
Benzoic acid
Concen: 10.218 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF101412.D
Acq: 14 Dec 2017 23:50

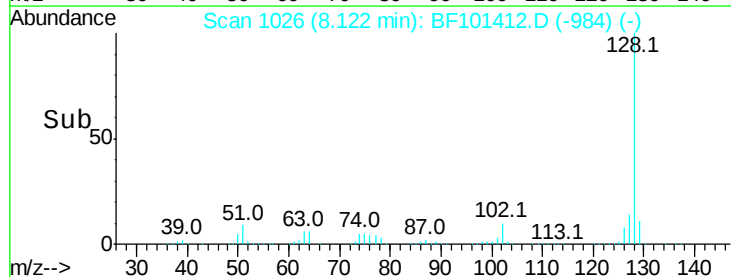
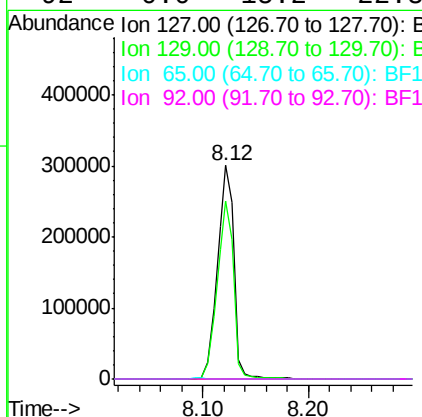
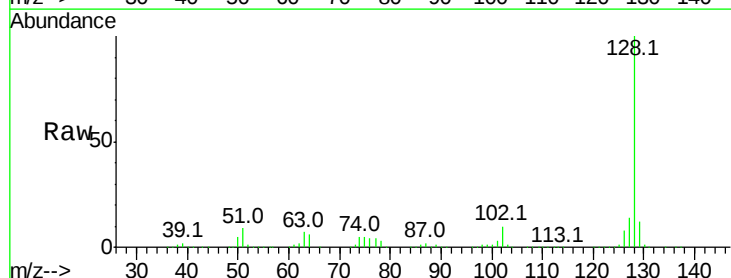
Instrument :
BNA_F
ClientSampleId :

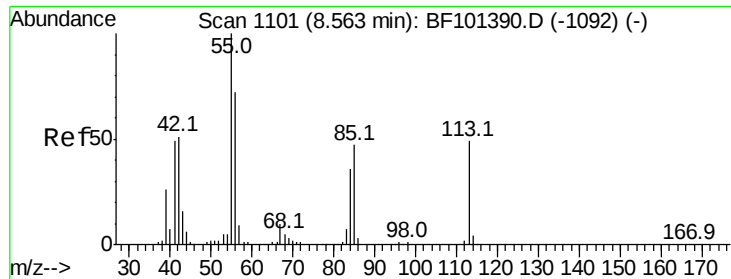
Tot Ion:122 Resp: 18866
Ion Ratio Lower Upper
122 100
105 4.1 101.1 141.1#
77 38.3 70.7 110.7#



#33
4-Chloroaniline
Concen: 21.373 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.05 min
Lab File: BF101412.D
Acq: 14 Dec 2017 23:50

Tgt Ion:127 Resp: 333491
Ion Ratio Lower Upper
127 100
129 83.1 25.9 38.9#
65 0.0 25.0 37.4#
92 0.0 15.2 22.8#

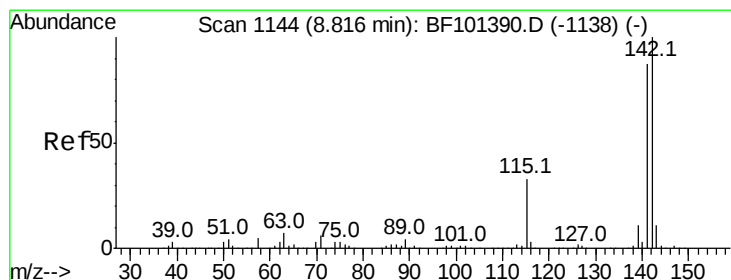
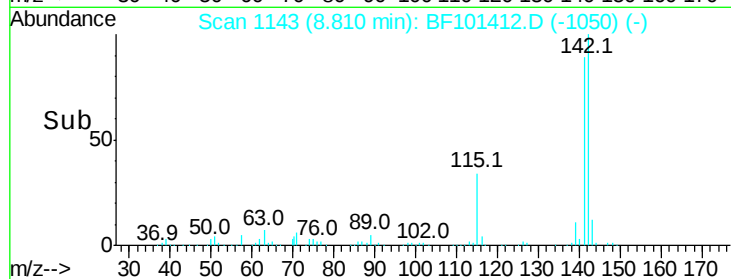
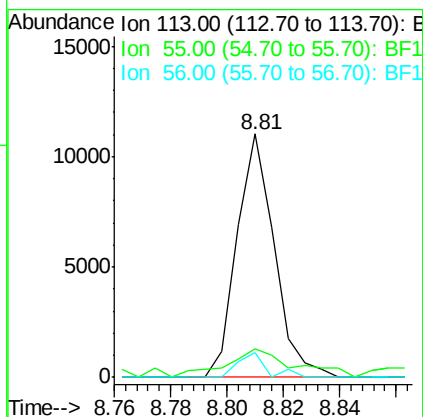
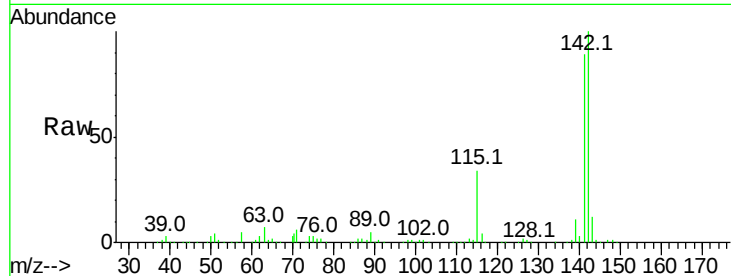




#35
 Caprolactam
 Concen: 2.859 ng
 RT: 8.81 min Scan# 1143
 Delta R.T. 0.25 min
 Lab File: BF101412.D
 Acq: 14 Dec 2017 23:50

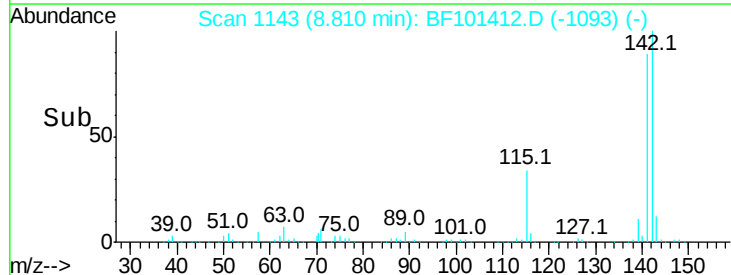
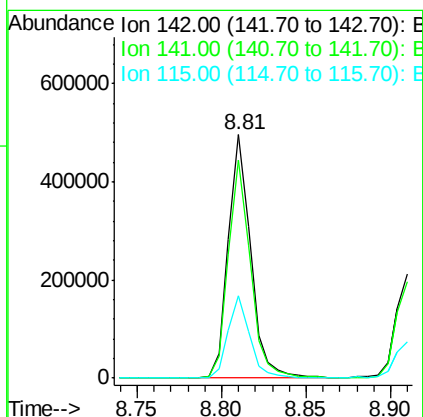
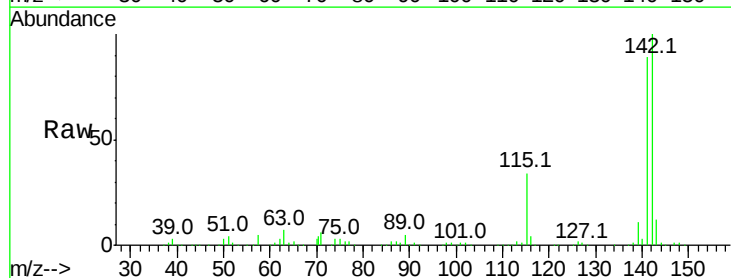
Instrument :
 BNA_F
 ClientSampled :

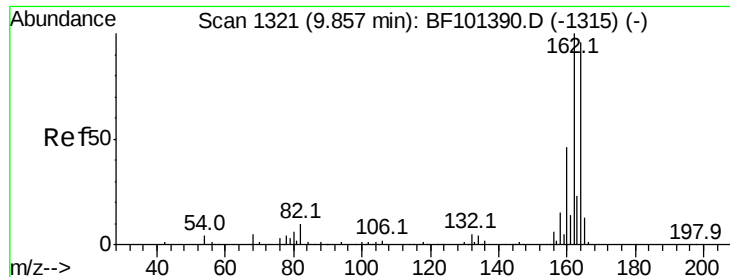
Tot Ion:113 Resp: 10148
 Ion Ratio Lower Upper
 113 100
 55 11.7 163.3 203.3#
 56 10.0 115.7 155.7#



#37
 2-Methylnaphthalene
 Concen: 19.636 ng
 RT: 8.81 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: BF101412.D
 Acq: 14 Dec 2017 23:50

Tgt Ion:142 Resp: 459293
 Ion Ratio Lower Upper
 142 100
 141 89.3 70.8 106.2
 115 33.7 26.1 39.1

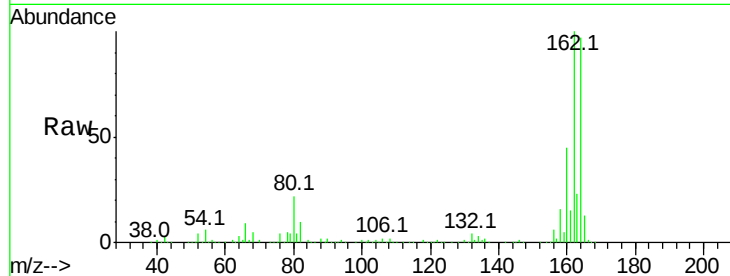




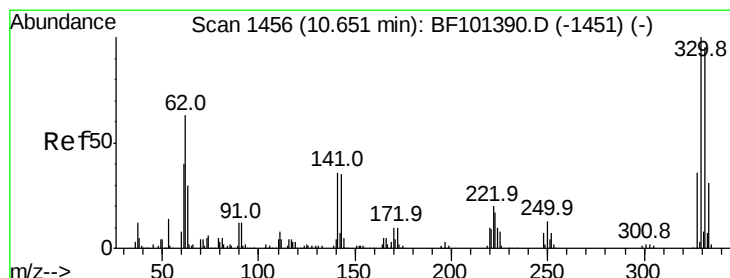
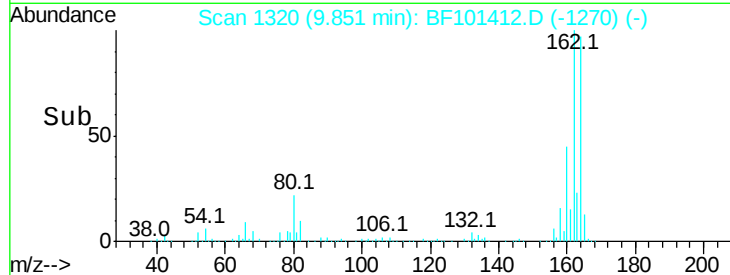
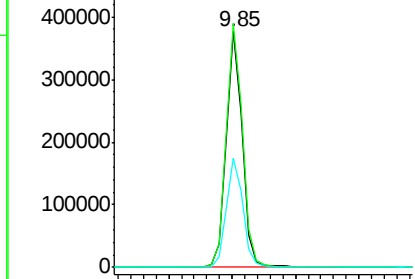
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF101412.D
 Acq: 14 Dec 2017 23:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 328480
 Ion Ratio Lower Upper
 164 100
 162 103.3 86.1 129.1
 160 46.2 38.3 57.5

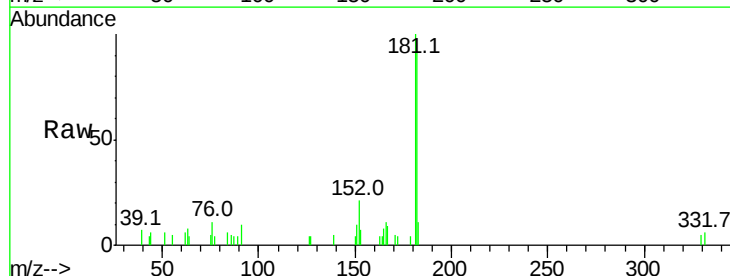


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

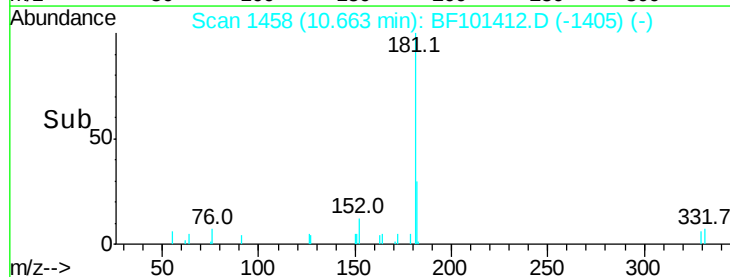
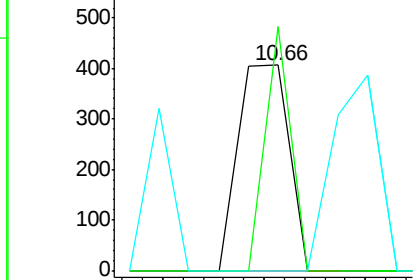


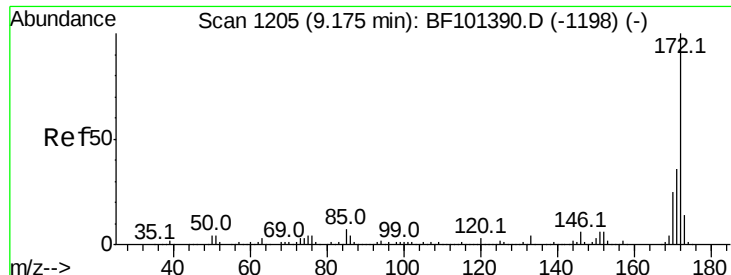
#41
 2,4,6-Tribromophenol
 Concen: 0.090 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. 0.01 min
 Lab File: BF101412.D
 Acq: 14 Dec 2017 23:50

Tgt Ion:330 Resp: 286
 Ion Ratio Lower Upper
 330 100
 332 59.4 77.0 115.6#
 141 86.0 29.9 44.9#



Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

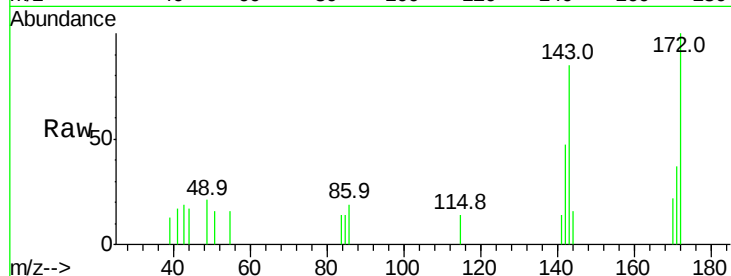




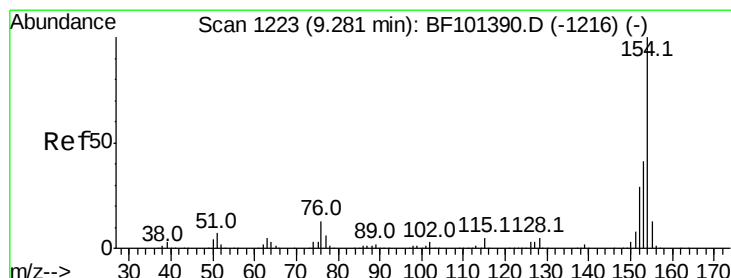
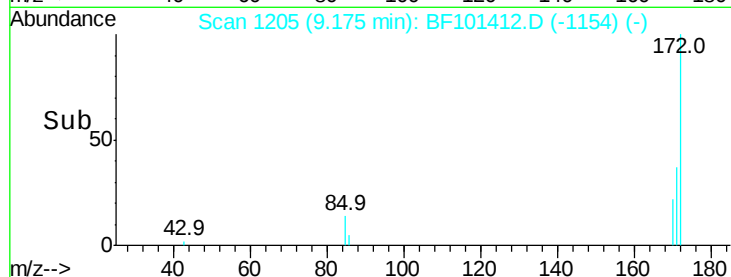
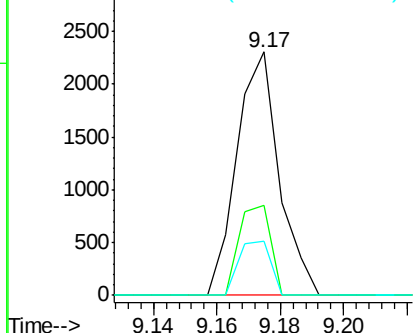
#44
2-Fluorobiphenyl
Concen: 0.101 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BF101412.D
Acq: 14 Dec 2017 23:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 2129
Ion Ratio Lower Upper
172 100
171 36.9 29.7 44.5
170 22.3 19.6 29.4

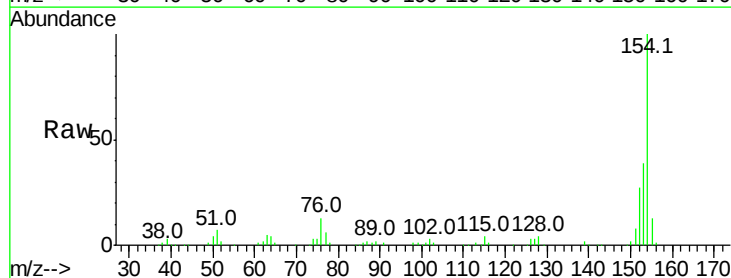


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

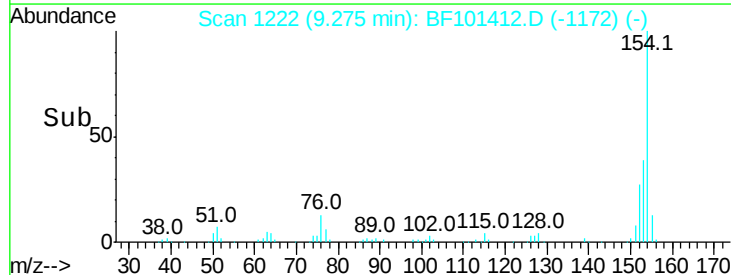
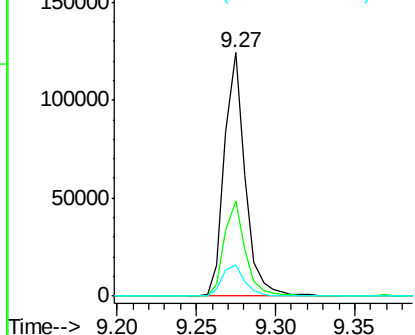


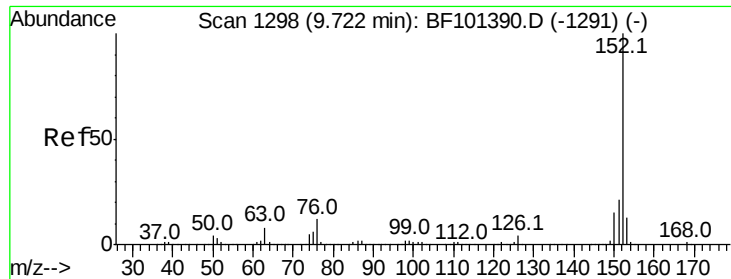
#45
1,1'-Biphenyl
Concen: 3.862 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BF101412.D
Acq: 14 Dec 2017 23:50

Tgt Ion:154 Resp: 112515
Ion Ratio Lower Upper
154 100
153 38.8 21.3 61.3
76 12.6 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

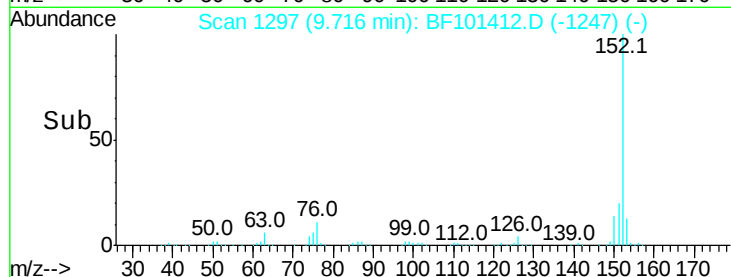
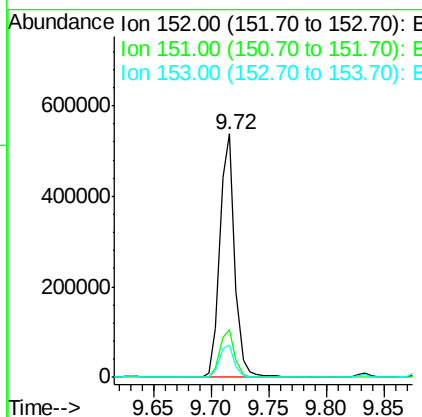
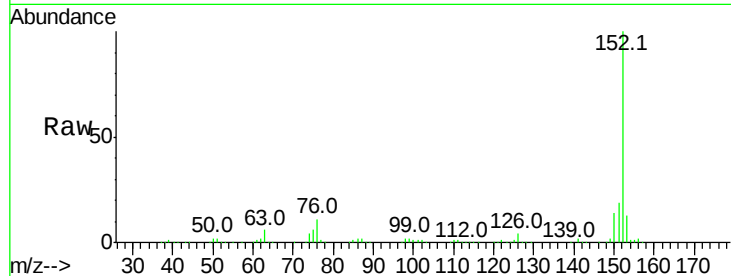




#48
Acenaphthylene
Concen: 13.690 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF101412.D
Acq: 14 Dec 2017 23:50

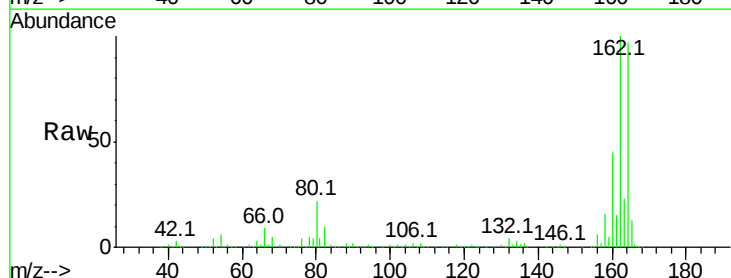
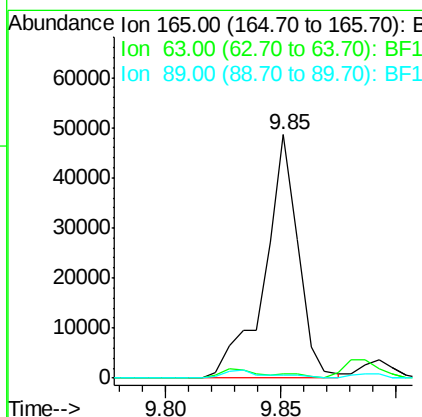
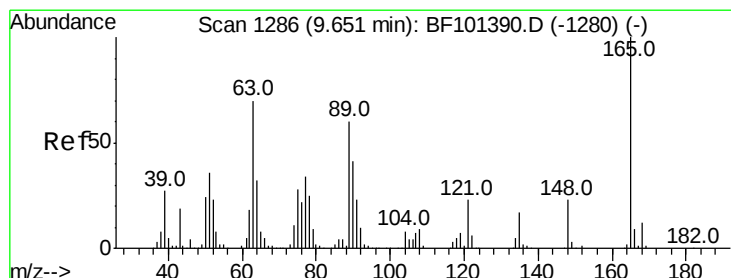
Instrument :
BNA_F
ClientSampleId :

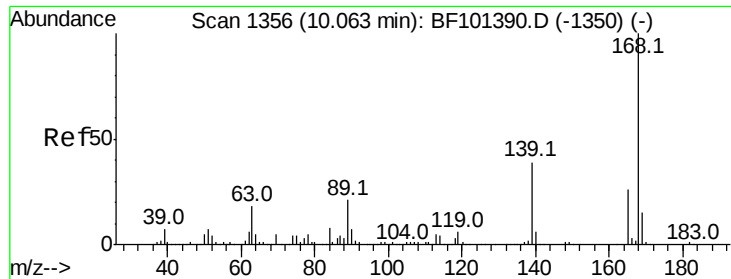
Tot Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.3	24.5
153	13.2	10.7	16.1



#50
2,6-Dinitrotoluene
Concen: 9.124 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.20 min
Lab File: BF101412.D
Acq: 14 Dec 2017 23:50

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	44.7	67.1#
89	1.2	44.0	66.0#





#54

Dibenzenofuran

Concen: 14.297 ng

RT: 10.06 min Scan# 1355

Delta R.T. -0.01 min

Lab File: BF101412.D

Acq: 14 Dec 2017 23:50

Instrument :

BNA_F

ClientSampleId :

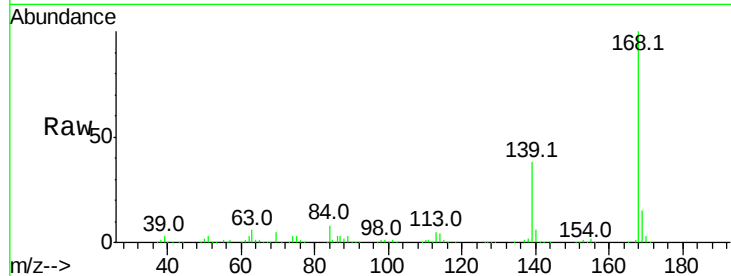
Tot Ion:168 Resp: 384304

Ion Ratio Lower Upper

168 100

139 38.3 30.1 45.1

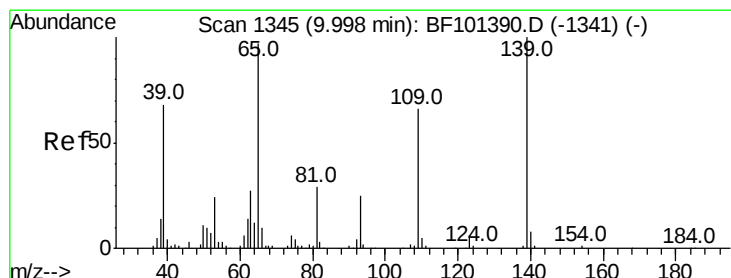
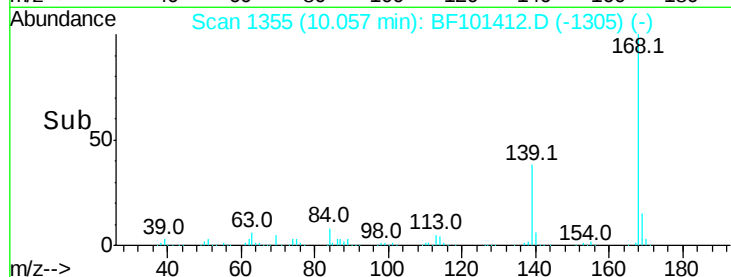
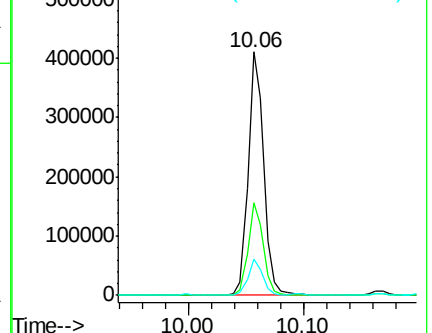
169 14.8 10.9 16.3



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: 49.231 ng

RT: 10.06 min Scan# 1355

Delta R.T. 0.06 min

Lab File: BF101412.D

Acq: 14 Dec 2017 23:50

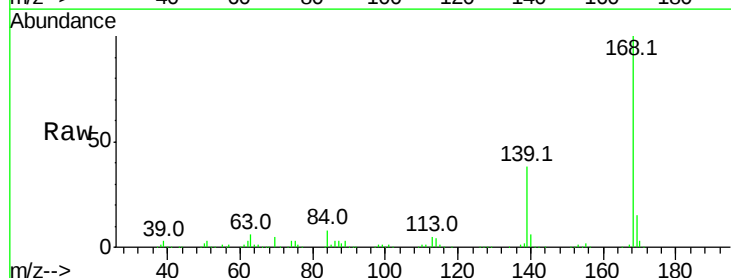
Tgt Ion:139 Resp: 143723

Ion Ratio Lower Upper

139 100

109 0.8 48.4 88.4#

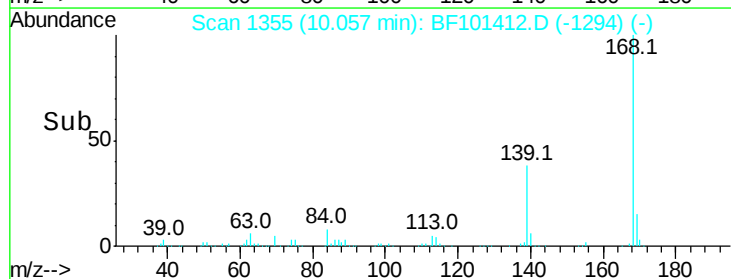
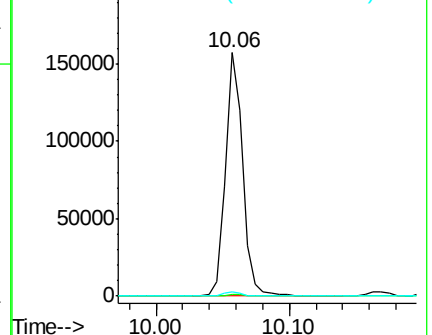
65 2.0 72.6 112.6#

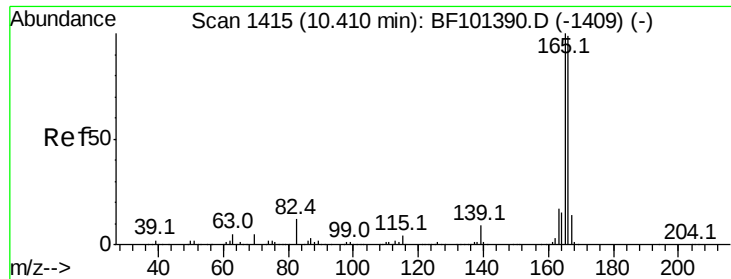


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

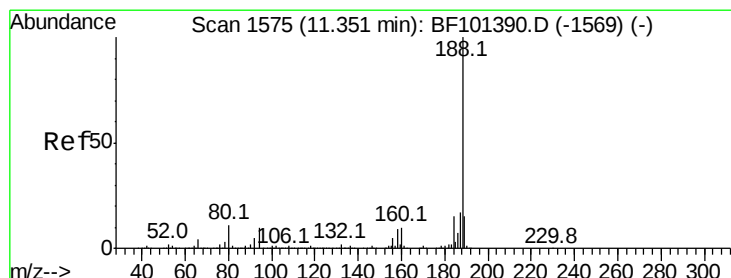
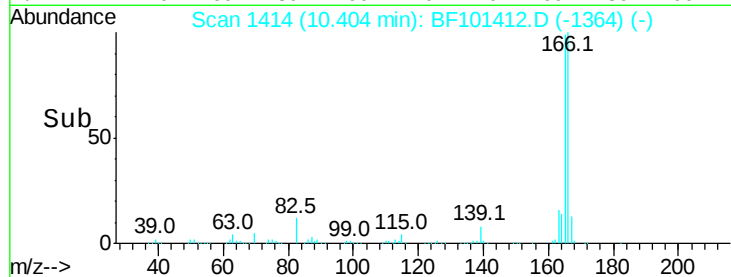
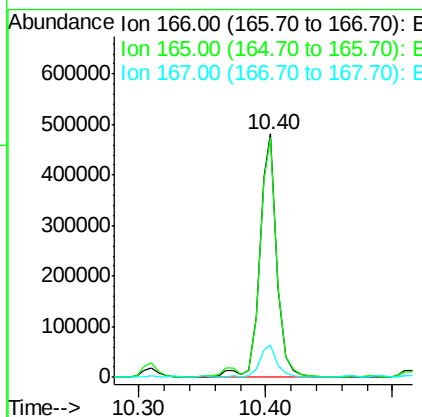
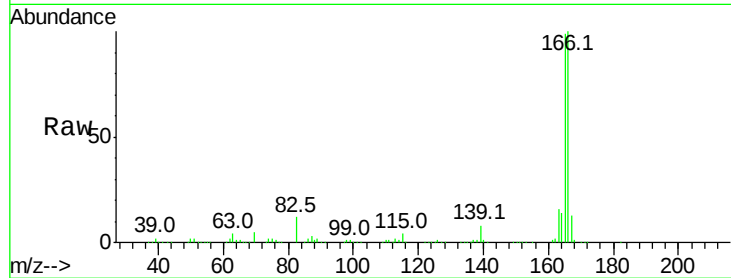




#57
Fluorene
 Concen: 19.979 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. -0.01 min
 Lab File: BF101412.D
 Acq: 14 Dec 2017 23:50

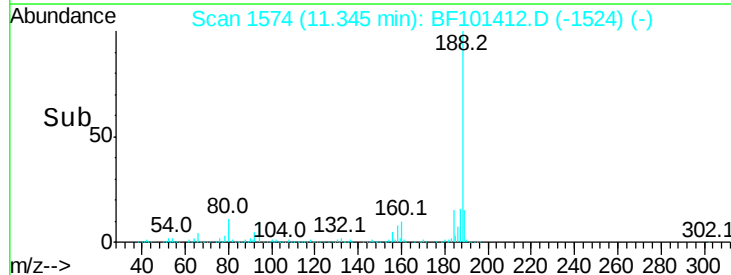
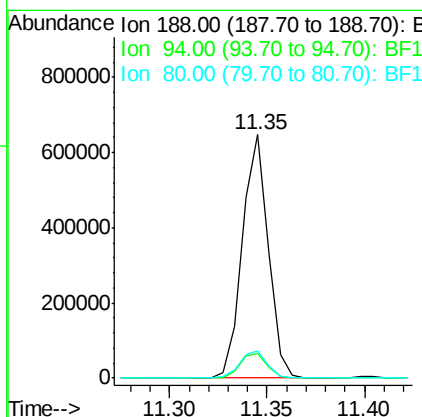
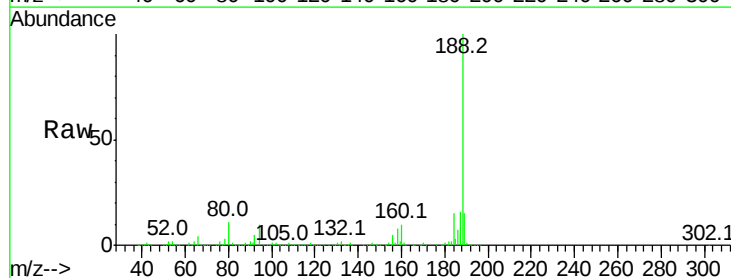
Instrument :
 BNA_F
 ClientSampleId :

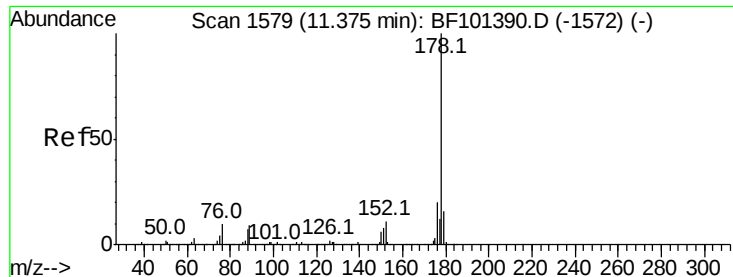
Tot Ion:166 Resp: 454307
 Ion Ratio Lower Upper
 166 100
 165 98.5 79.8 119.8
 167 13.3 10.6 16.0



#63
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.35 min Scan# 1574
 Delta R.T. -0.01 min
 Lab File: BF101412.D
 Acq: 14 Dec 2017 23:50

Tgt Ion:188 Resp: 593160
 Ion Ratio Lower Upper
 188 100
 94 10.2 8.5 12.7
 80 11.2 9.2 13.8

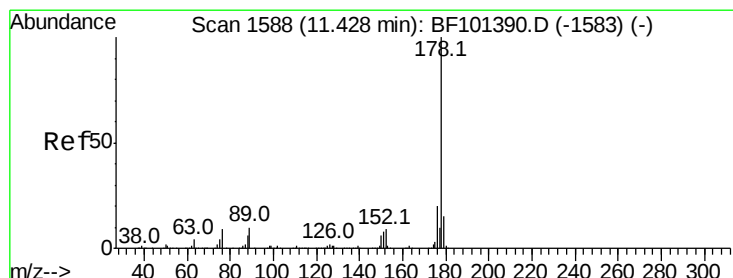
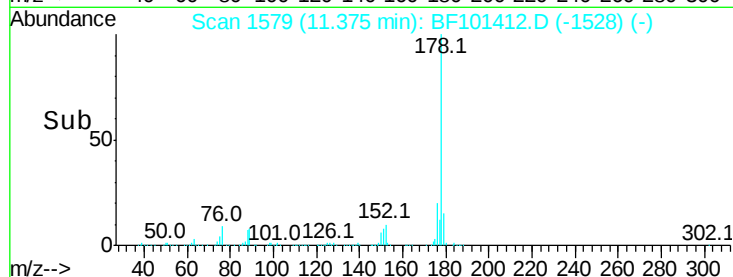
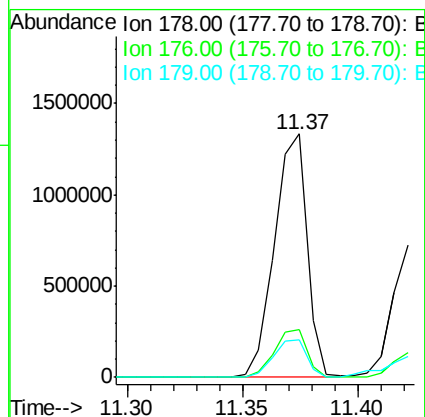
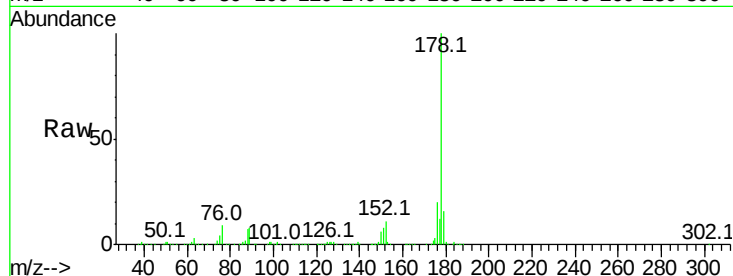




#70
Phenanthrene
Concen: 39.592 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.00 min
Lab File: BF101412.D
Acq: 14 Dec 2017 23:50

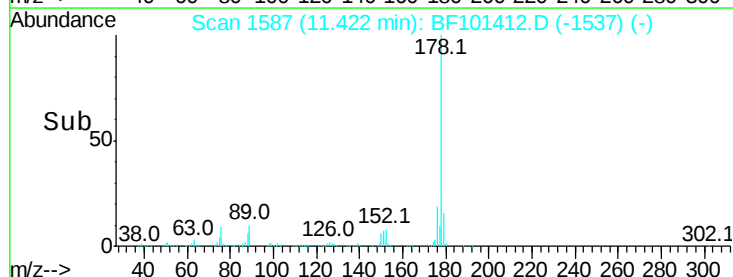
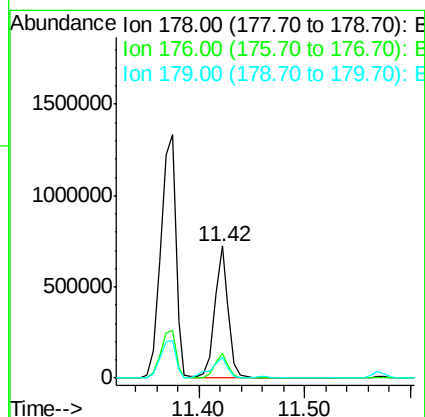
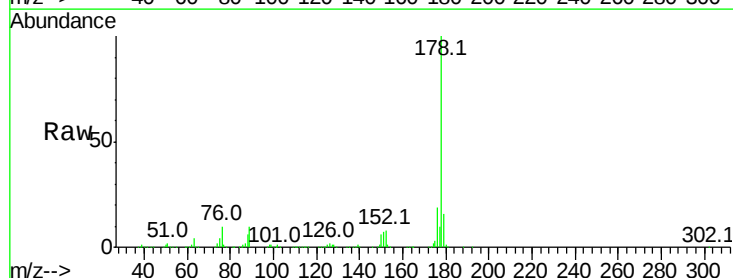
Instrument :
BNA_F
ClientSampleId :

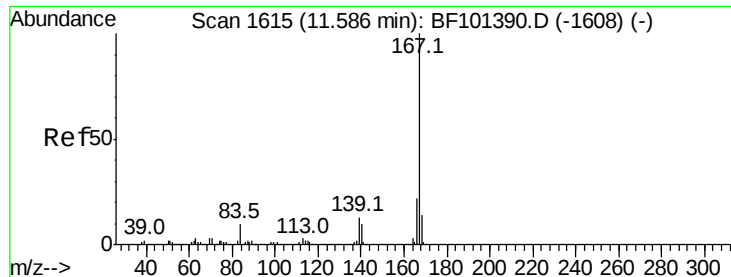
Tot Ion:178 Resp: 1305987
Ion Ratio Lower Upper
178 100
176 19.9 15.8 23.8
179 15.5 13.0 19.6



#71
Anthracene
Concen: 19.509 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BF101412.D
Acq: 14 Dec 2017 23:50

Tgt Ion:178 Resp: 657365
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.2
179 15.9 12.6 19.0





#72

Carbazole

Concen: 6.697 ng

RT: 11.58 min Scan# 1614

Delta R.T. -0.01 min

Lab File: BF101412.D

Acq: 14 Dec 2017 23:50

Instrument :

BNA_F

ClientSampleId :

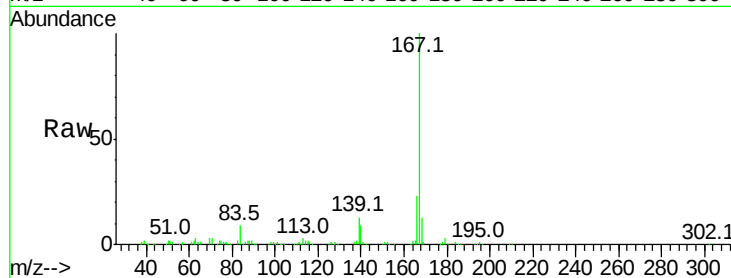
Tot Ion:167 Resp: 211263

Ion Ratio Lower Upper

167 100

166 22.6 17.6 26.4

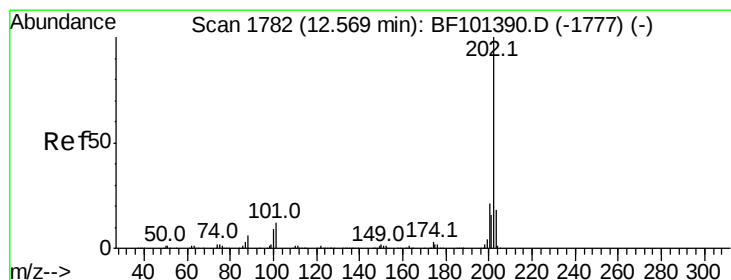
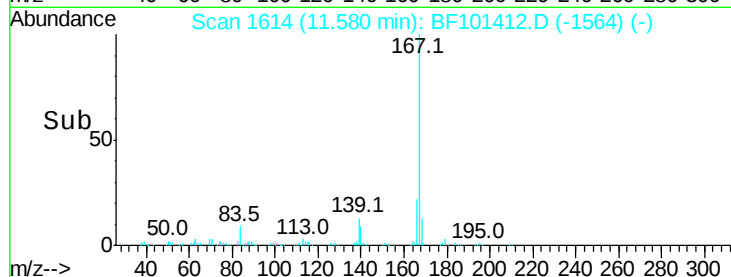
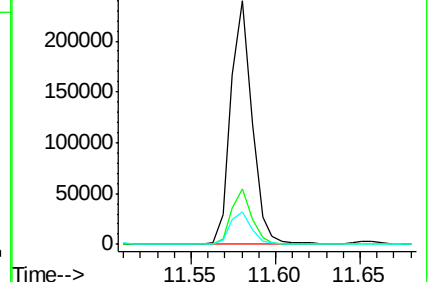
139 13.3 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Fluoranthene

Concen: 25.584 ng

RT: 12.56 min Scan# 1781

Delta R.T. -0.01 min

Lab File: BF101412.D

Acq: 14 Dec 2017 23:50

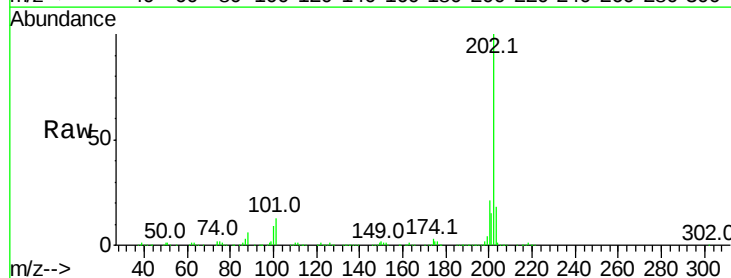
Tgt Ion:202 Resp: 885825

Ion Ratio Lower Upper

202 100

101 12.7 0.0 34.1

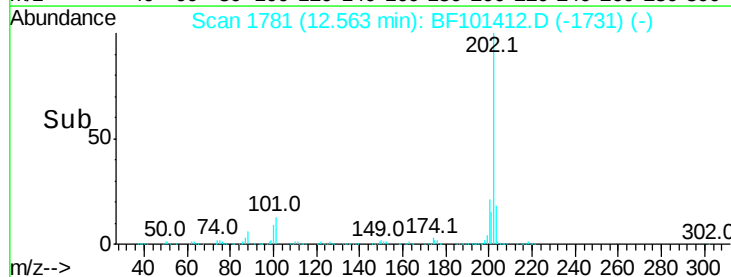
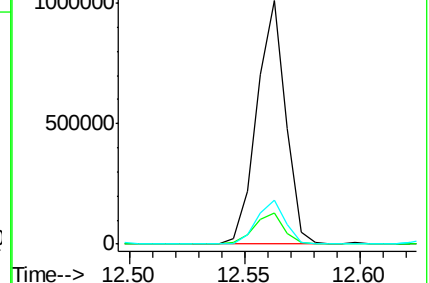
203 17.9 0.0 38.1

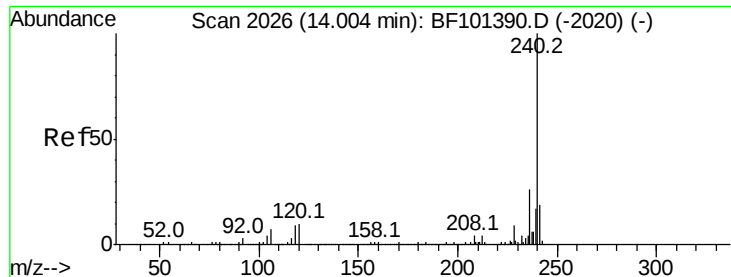


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF101412.D

Acq: 14 Dec 2017 23:50

Instrument :

BNA_F

ClientSampleId :

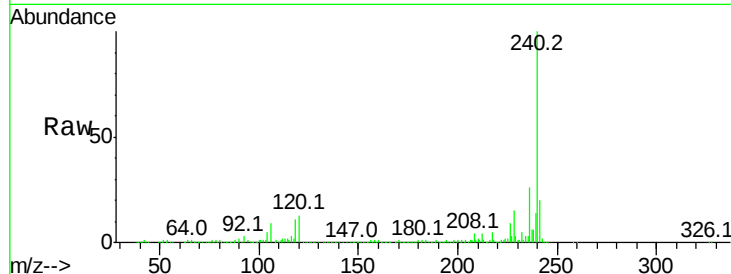
Tot Ion:240 Resp: 393901

Ion Ratio Lower Upper

240 100

120 12.6 9.5 14.3

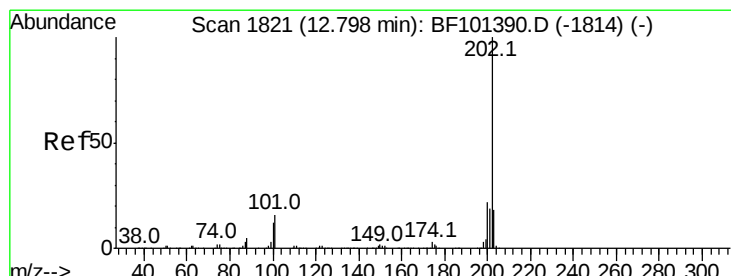
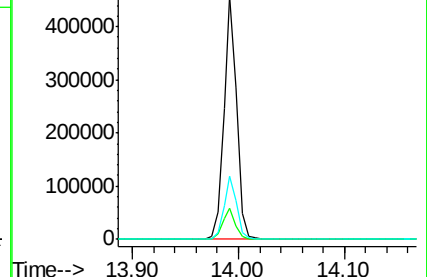
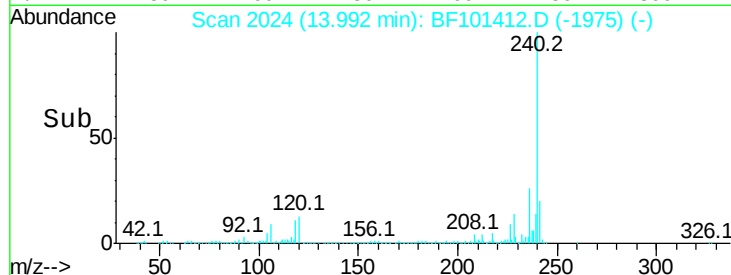
236 26.0 20.7 31.1



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: 22.802 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF101412.D

Acq: 14 Dec 2017 23:50

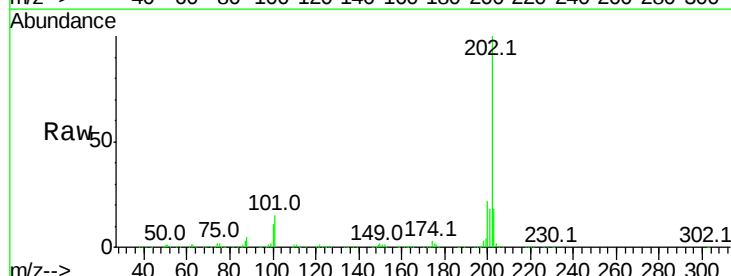
Tgt Ion:202 Resp: 674075

Ion Ratio Lower Upper

202 100

200 22.1 17.4 26.2

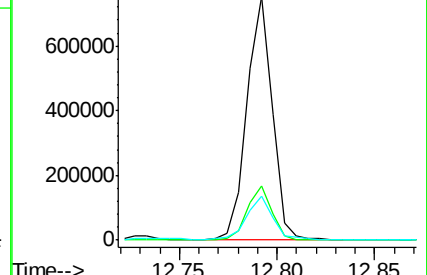
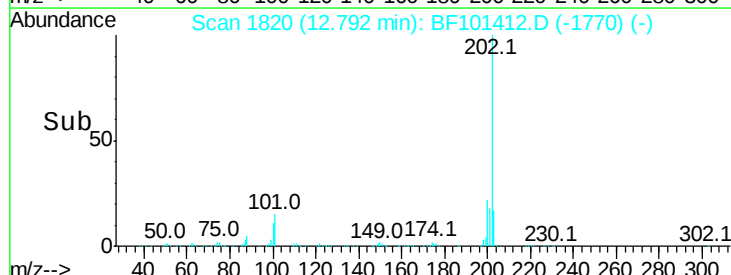
203 17.9 14.3 21.5

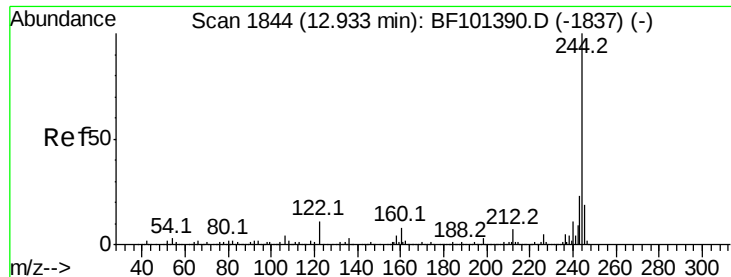


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 0.147 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.01 min

Lab File: BF101412.D

Acq: 14 Dec 2017 23:50

Instrument :

BNA_F

ClientSampleId :

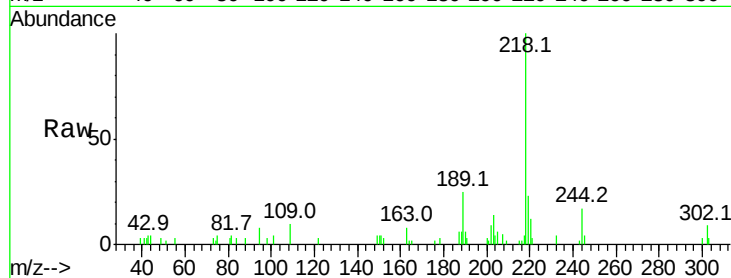
Tot Ion:244 Resp: 2405

Ion Ratio Lower Upper

244 100

212 0.0 5.4 8.0#

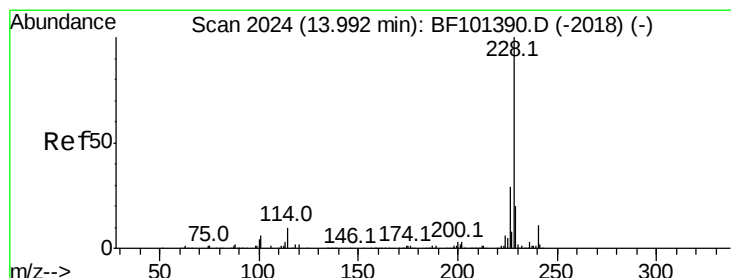
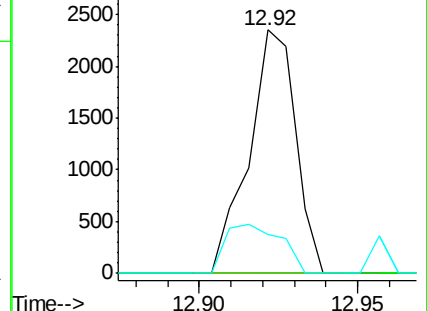
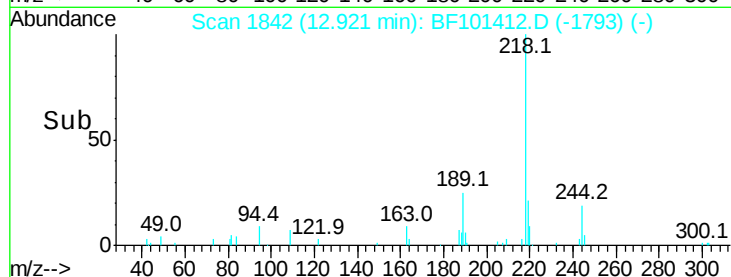
122 15.8 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Benzo(a)anthracene

Concen: 11.290 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF101412.D

Acq: 14 Dec 2017 23:50

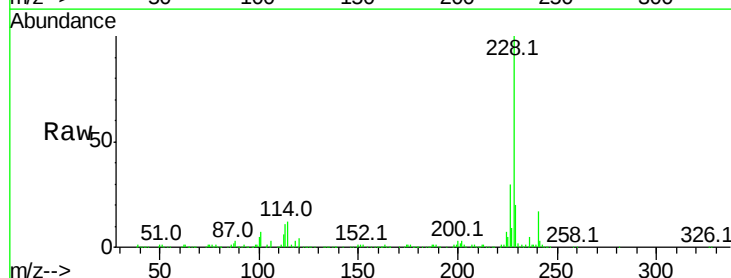
Tgt Ion:228 Resp: 293653

Ion Ratio Lower Upper

228 100

226 29.8 22.6 33.8

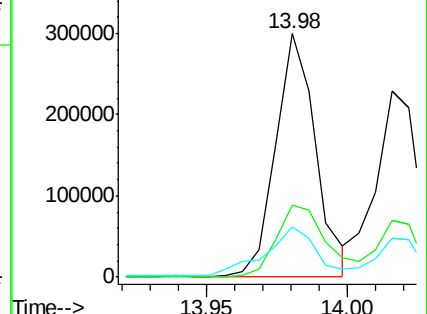
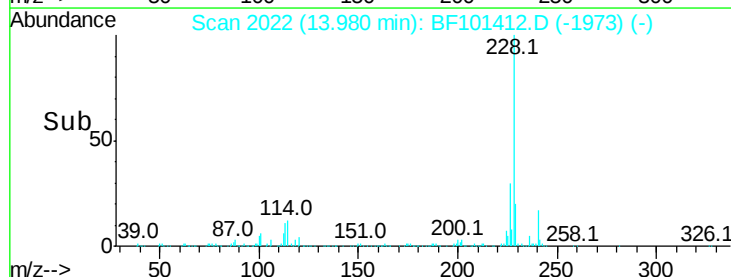
229 20.4 15.8 23.6

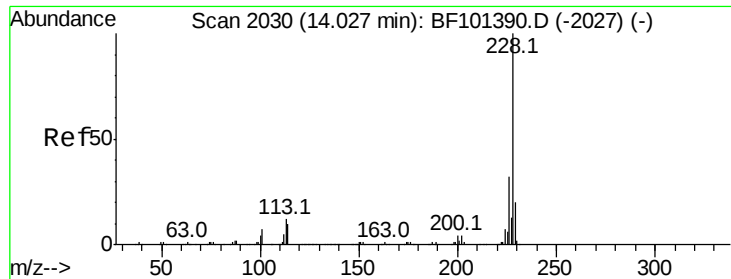


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 9.631 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF101412.D

Acq: 14 Dec 2017 23:50

Instrument :

BNA_F

ClientSampleId :

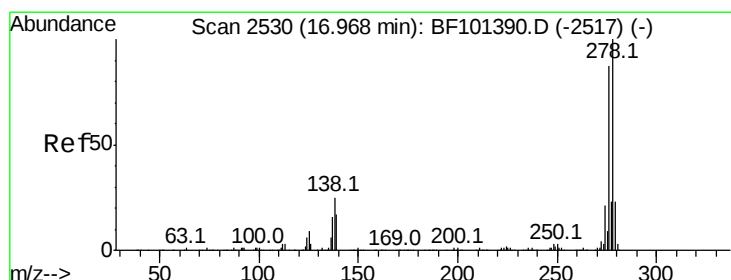
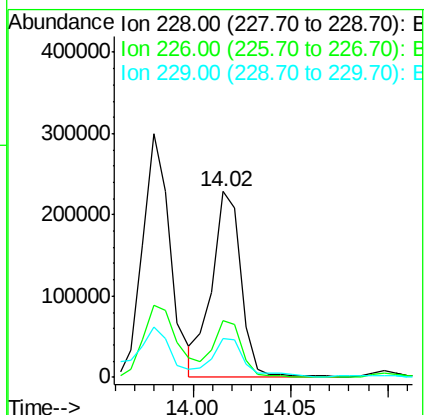
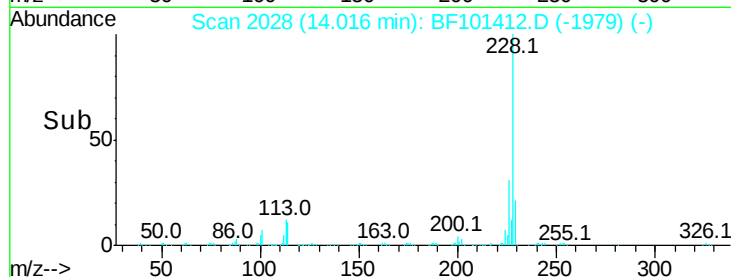
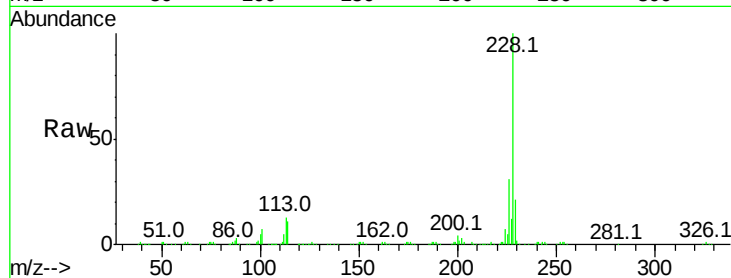
Tot Ion:228 Resp: 236529

Ion Ratio Lower Upper

228 100

226 30.9 25.0 37.6

229 21.2 16.2 24.4



#85

Indeno(1,2,3-cd)pyrene

Concen: 3.468 ng

RT: 16.94 min Scan# 2525

Delta R.T. -0.03 min

Lab File: BF101412.D

Acq: 14 Dec 2017 23:50

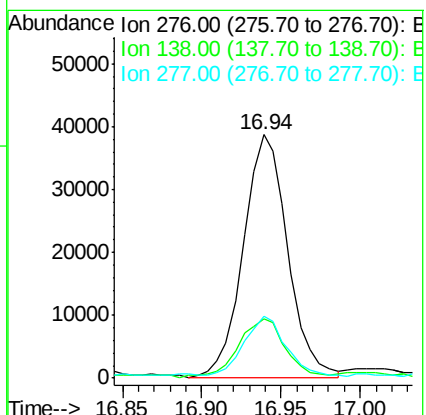
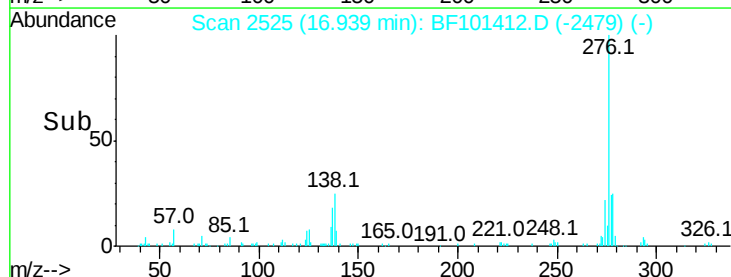
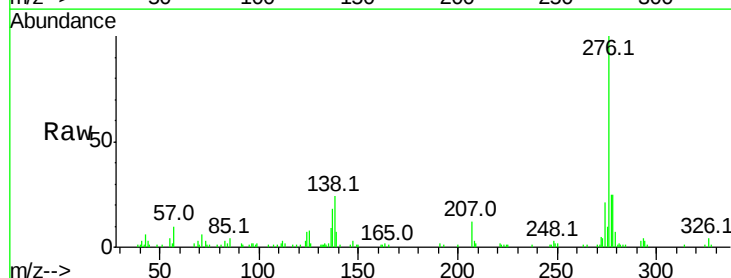
Tgt Ion:276 Resp: 75833

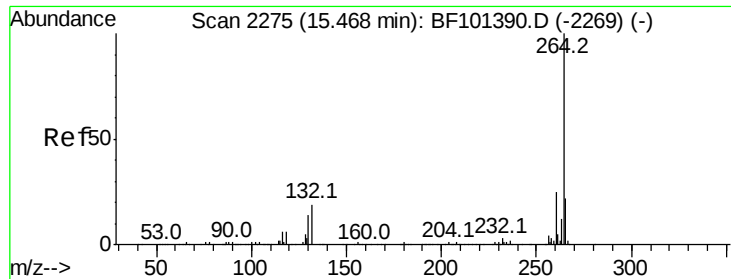
Ion Ratio Lower Upper

276 100

138 25.9 25.0 37.6

277 22.6 20.1 30.1

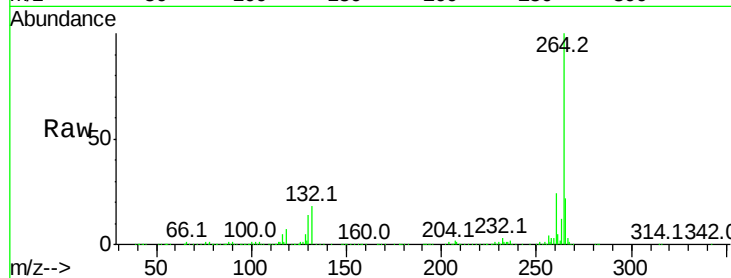




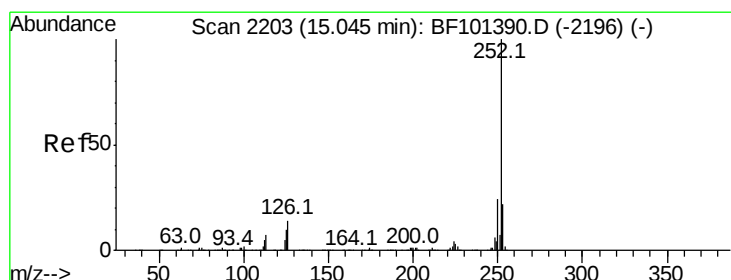
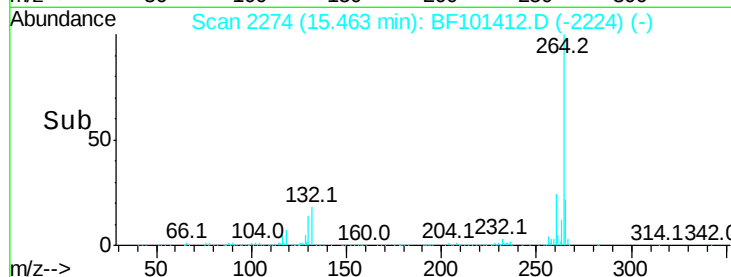
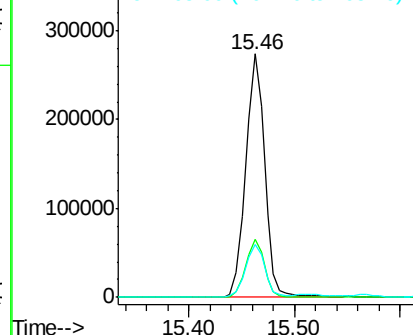
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF101412.D
Acq: 14 Dec 2017 23:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 338493
Ion Ratio Lower Upper
264 100
260 23.7 19.2 28.8
265 21.8 17.5 26.3

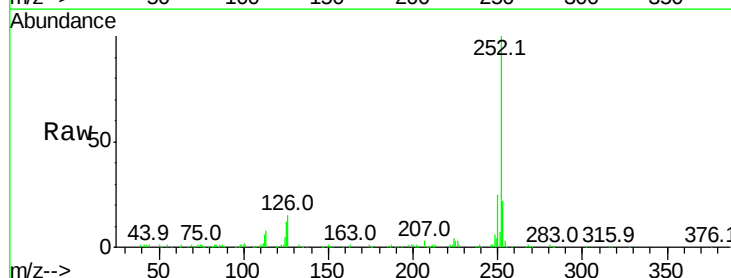


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

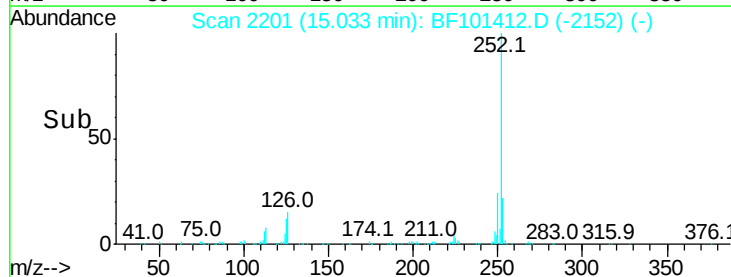
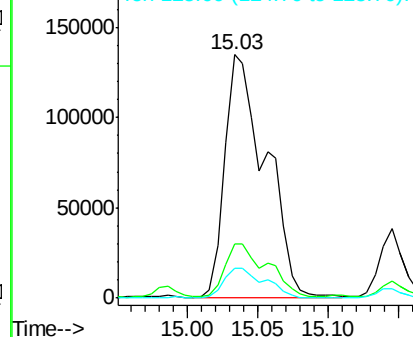


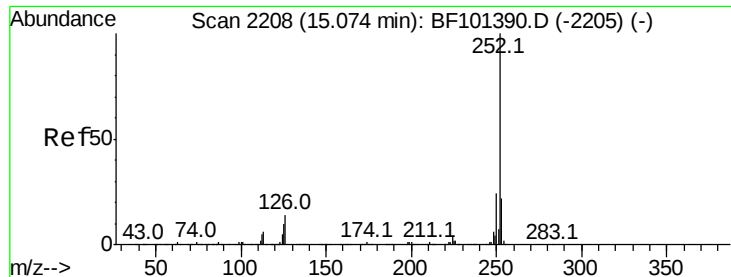
#87
Benzo(b)fluoranthene
Concen: 13.169 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BF101412.D
Acq: 14 Dec 2017 23:50

Tgt Ion:252 Resp: 271707
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.6
125 12.2 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

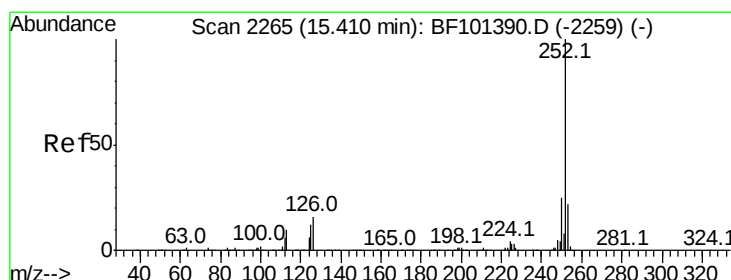
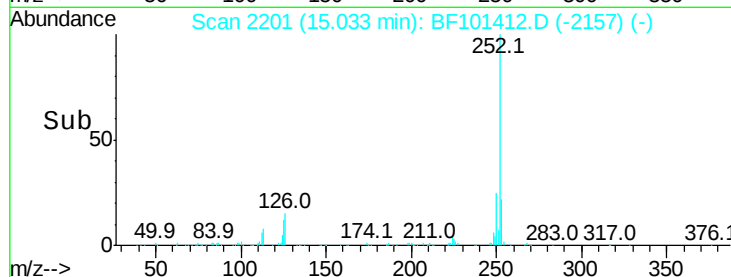
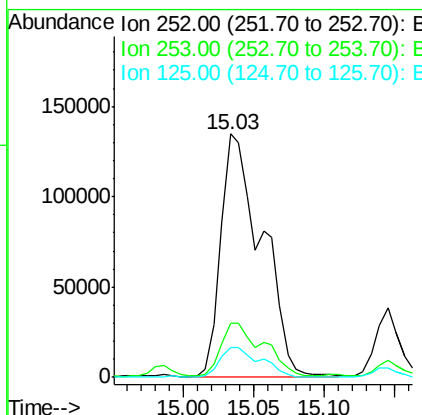
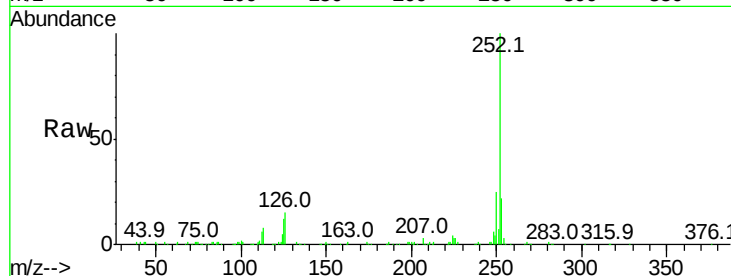




#88
Benzo(k)fluoranthene
Concen: 13.545 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.04 min
Lab File: BF101412.D
Acq: 14 Dec 2017 23:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	12.2	10.2	15.2



#89
Benzo(a)pyrene
Concen: 7.929 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.01 min
Lab File: BF101412.D
Acq: 14 Dec 2017 23:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.1	25.7
125	10.2	9.8	14.6

