

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012417\
 Data File : BF092433.D
 Acq On : 24 Jan 2017 17:14
 Operator : UM/SJ
 Sample : I1329-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BLACK-FILL1-0-5FT-COMP

Quant Time: Jan 24 18:49:00 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 13:48:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	162811	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	626820	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	314727	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	493075	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	356462	20.00	ng	-0.02
86) Perylene-d12	15.63	264	328293	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.57	112	1506978	144.01	ng	0.02
7) Phenol-d6	6.59	99	1648820	123.70	ng	0.00
23) Nitrobenzene-d5	7.54	82	1202186	104.77	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	300018	139.89	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1321979	77.67	ng	-0.01
78) Terphenyl-d14	13.11	244	1007735	75.28	ng	-0.01

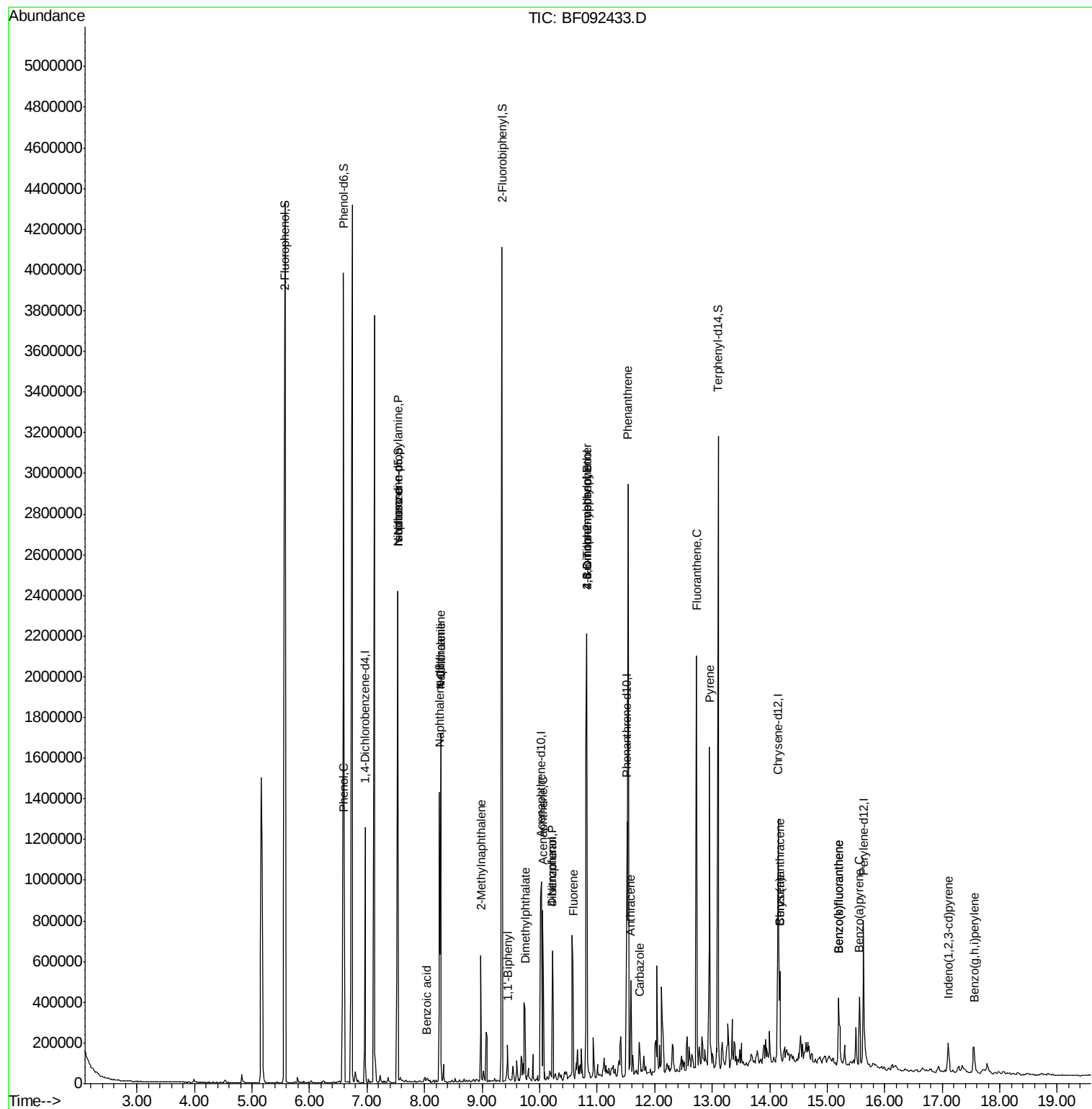
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.60	94	124249	7.72	ng	# 77
19) n-Nitroso-di-n-propylamine	7.54	70	161662	17.81	ng	# 78
25) Isophorone	7.54	82	1090042	48.21	ng	# 65
31) Naphthalene	8.28	128	729093	22.73	ng	99
32) Benzoic acid	8.03	122	2376	4.97	ng	# 29
33) 4-Chloroaniline	8.28	127	97454	7.18	ng	# 32
37) 2-Methylnaphthalene	8.98	142	180264	8.88	ng	98
45) 1,1'-Biphenyl	9.45	154	60967	2.68	ng	100
49) Dimethylphthalate	9.74	163	226644	11.32	ng	99
51) Acenaphthene	10.05	154	230859	13.63	ng	99
54) Dibenzofuran	10.22	168	273262	11.88	ng	100
55) 4-Nitrophenol	10.22	139	98769	24.27	ng	# 6
57) Fluorene	10.58	166	277213	16.26	ng	96
64) 4,6-Dinitro-2-methylphenol	10.82	198	834	5.23	ng	# 1
66) 4-Bromophenyl-phenylether	10.82	248	23484	4.72	ng	# 1
70) Phenanthrene	11.54	178	1059981	39.04	ng	99
71) Anthracene	11.58	178	177284	6.68	ng	98
72) Carbazole	11.73	167	72110	2.85	ng	98
74) Fluoranthene	12.73	202	751985	28.31	ng	96
77) Pvrene	12.96	202	641153	24.82	ng	98
80) Benzo(a)anthracene	14.18	228	200037	10.44	ng	96
82) Chrysene	14.18	228	200037	9.78	ng	98
85) Indeno(1,2,3-cd)pyrene	17.11	276	108311	7.16	ng	99
87) Benzo(b)fluoranthene	15.20	252	256935	12.19	ng	98
88) Benzo(k)fluoranthene	15.20	252	255105	14.56	ng	97
89) Benzo(a)pyrene	15.56	252	159902	8.97	ng	97
91) Benzo(g,h,i)perylene	17.55	276	110358	7.57	ng	# 94

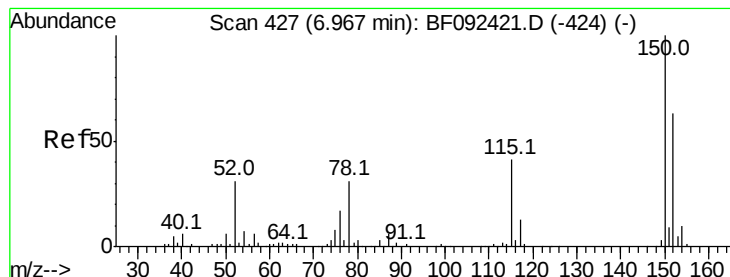
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 427

Delta R.T. -0.00 min

Lab File: BF092433.D

Acq: 24 Jan 2017 17:14

Instrument :

BNA_F

ClientSampleId :

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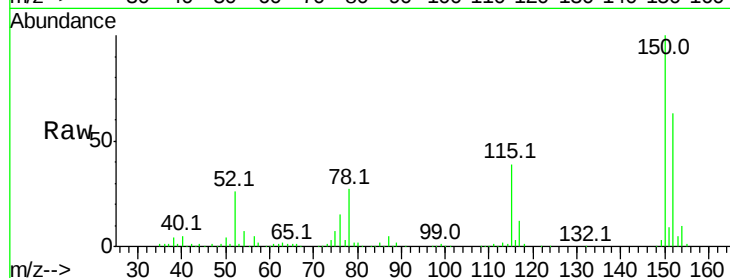
Tot Ion:152 Resp: 162811

Ion Ratio Lower Upper

152 100

150 159.8 124.9 187.3

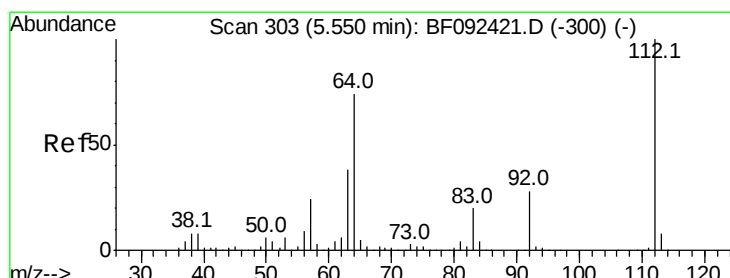
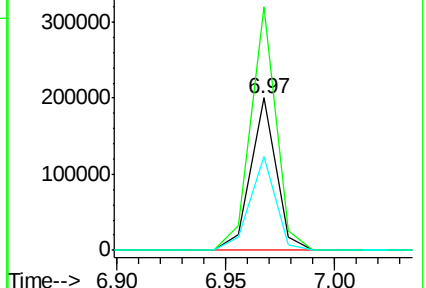
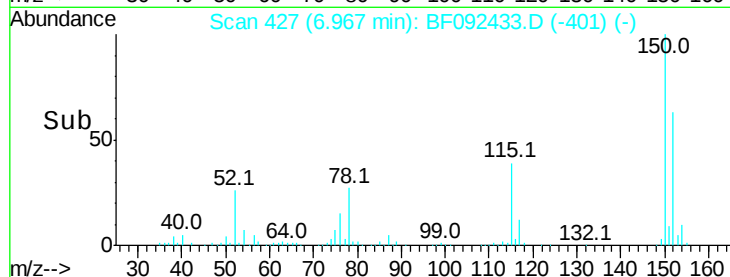
115 61.7 46.0 69.0



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: 144.01 ng

RT: 5.57 min Scan# 305

Delta R.T. 0.02 min

Lab File: BF092433.D

Acq: 24 Jan 2017 17:14

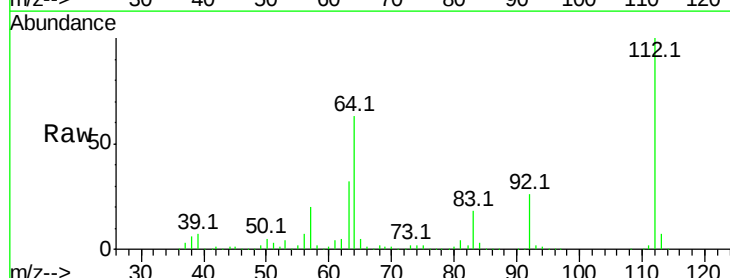
Tgt Ion:112 Resp: 1506978

Ion Ratio Lower Upper

112 100

64 63.3 46.1 69.1

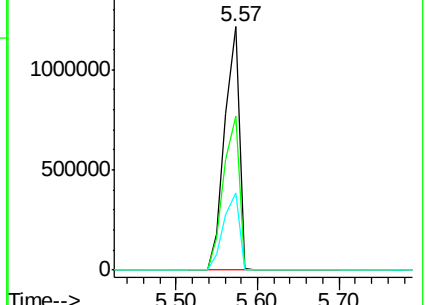
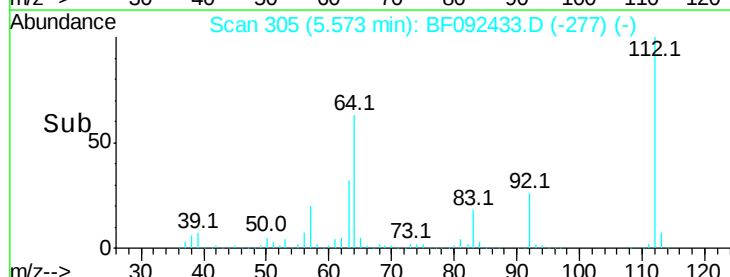
63 31.8 23.8 35.6

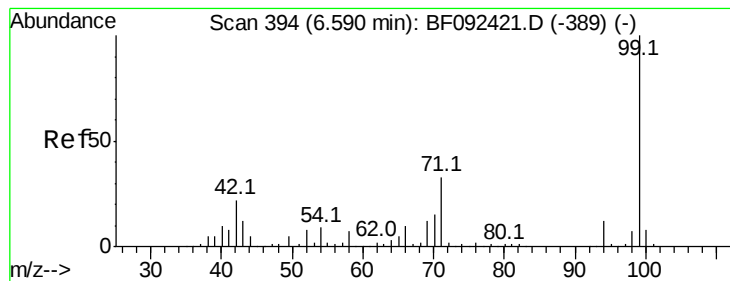


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 123.70 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.00 min

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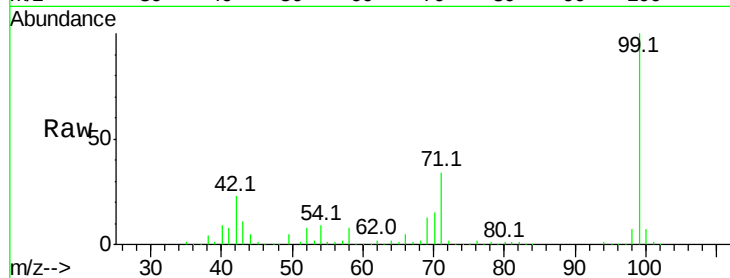
Tot Ion: 99 Resp: 1648820

Ion Ratio Lower Upper

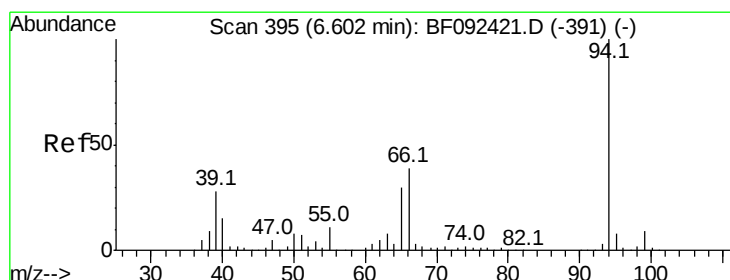
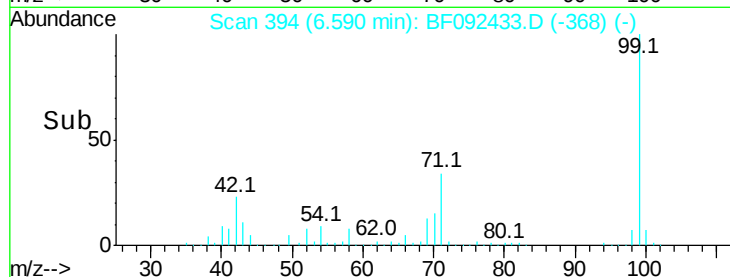
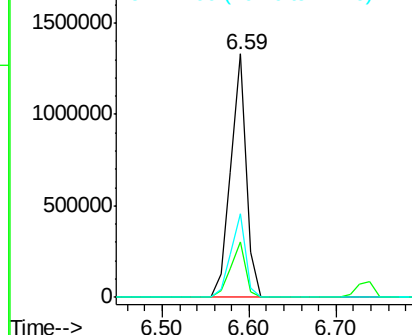
99 100

42 22.5 15.6 23.4

71 34.1 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 7.72 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.00 min

Lab File: BF092433.D

Acq: 24 Jan 2017 17:14

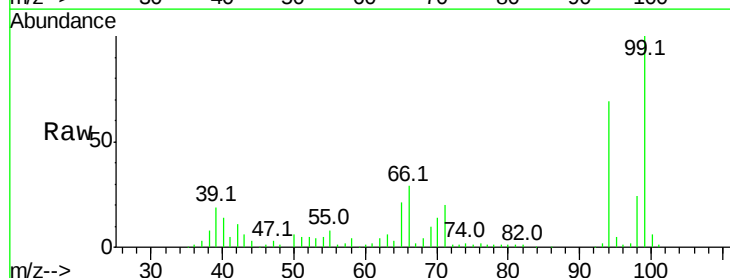
Tgt Ion: 94 Resp: 124249

Ion Ratio Lower Upper

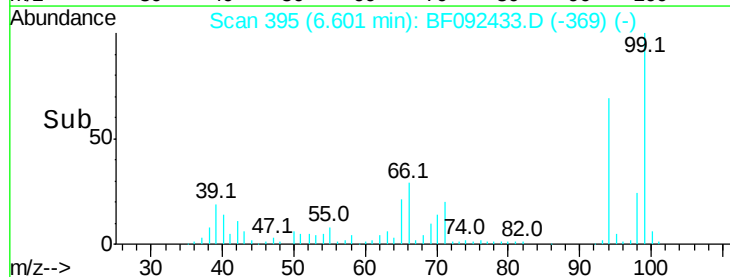
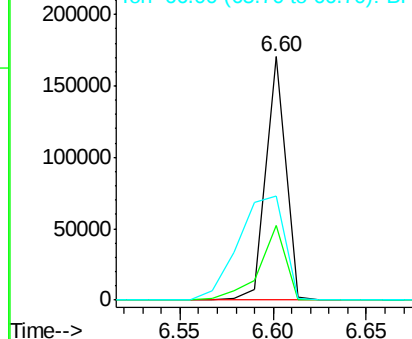
94 100

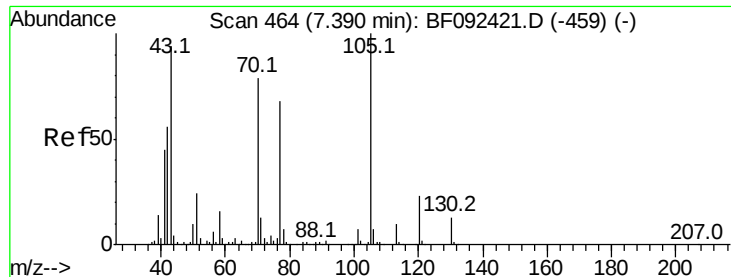
65 30.7 21.4 61.4

66 42.7 44.0 84.0#



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

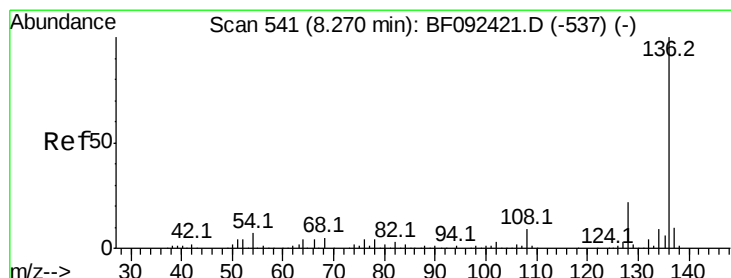
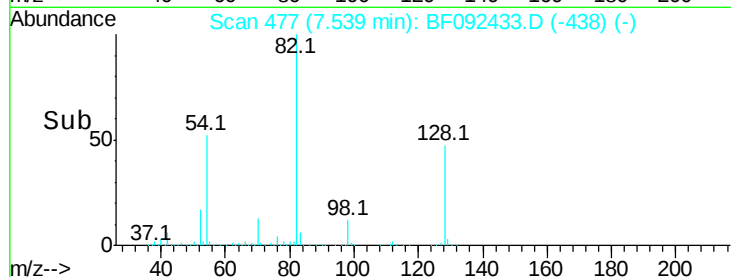
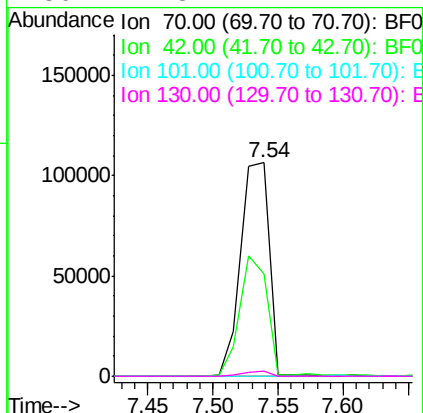
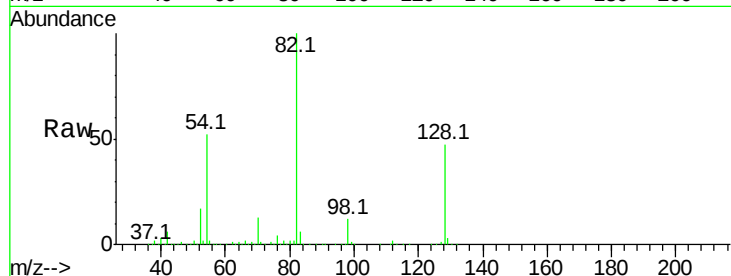




#19
n-Nitroso-di-n-propylamine
Concen: 17.81 ng
RT: 7.54 min Scan# 477
Delta R.T. 0.15 min
Lab File: BF092433.D
Acq: 24 Jan 2017 17:14

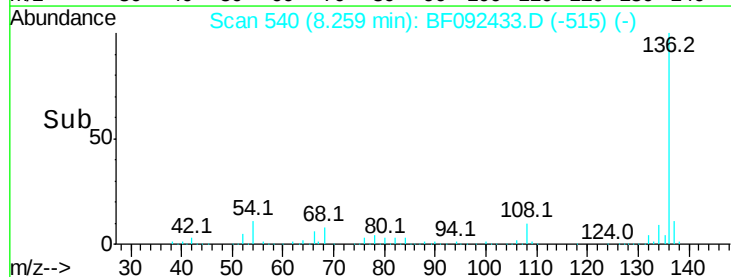
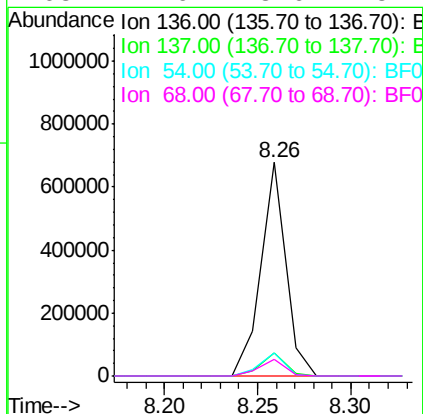
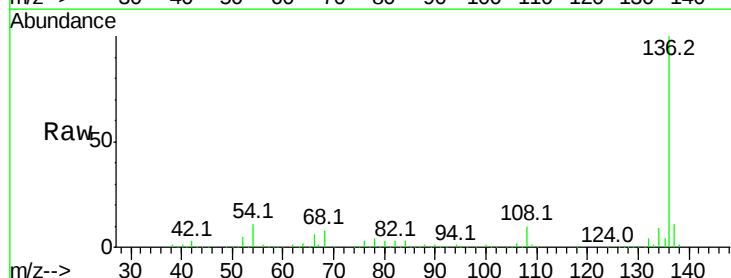
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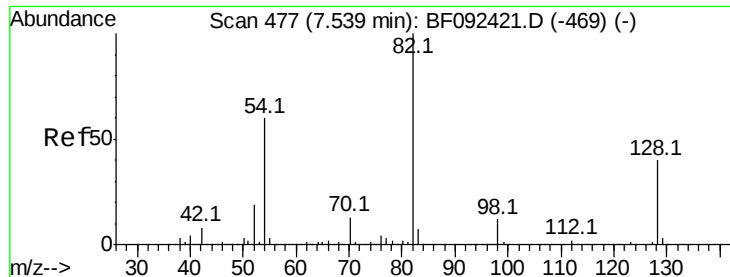
Tot Ion: 70 Resp: 161662
Ion Ratio Lower Upper
70 100
42 47.8 49.4 74.0#
101 0.0 7.4 11.2#
130 2.3 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF092433.D
Acq: 24 Jan 2017 17:14

Tgt Ion: 136 Resp: 626820
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 10.9 4.5 6.7#
68 7.6 3.6 5.4#





#23

Nitrobenzene-d5

Concen: 104.77 ng

RT: 7.54 min Scan# 477

Delta R.T. -0.00 min

Lab File: BF092433.D

Acq: 24 Jan 2017 17:14

Instrument :

BNA_F

ClientSampleId :

BLACK-FILL1-0-5FT-COMP

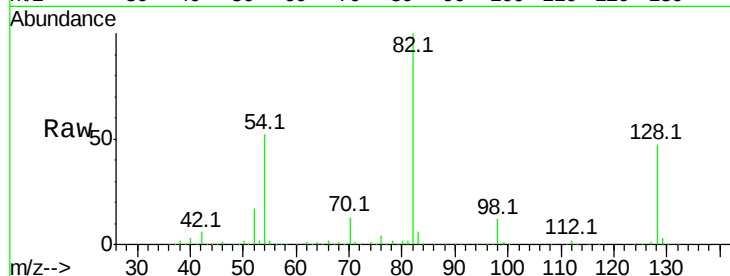
Tot Ion: 82 Resp: 1202186

Ion Ratio Lower Upper

82 100

128 47.4 34.6 52.0

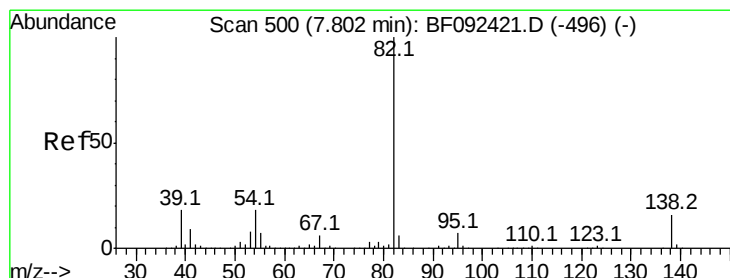
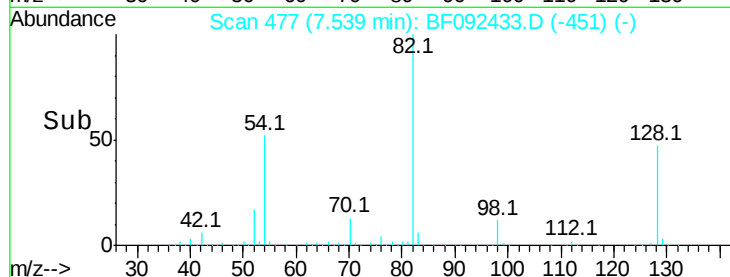
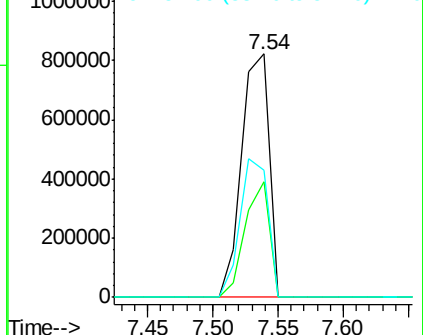
54 52.2 39.5 59.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 48.21 ng

RT: 7.54 min Scan# 477

Delta R.T. -0.26 min

Lab File: BF092433.D

Acq: 24 Jan 2017 17:14

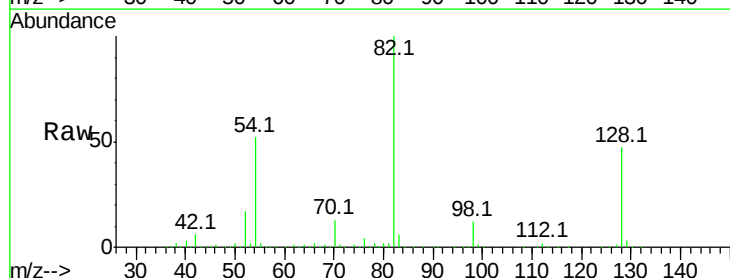
Tgt Ion: 82 Resp: 1090042

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

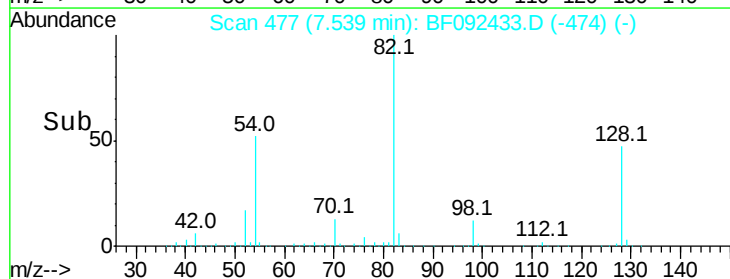
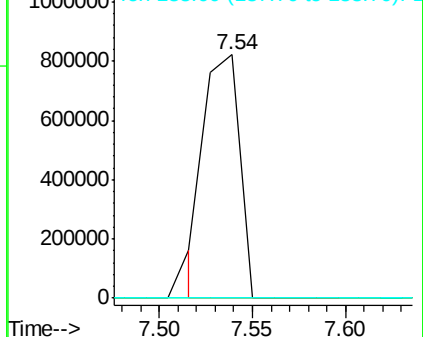
138 0.0 14.6 22.0#

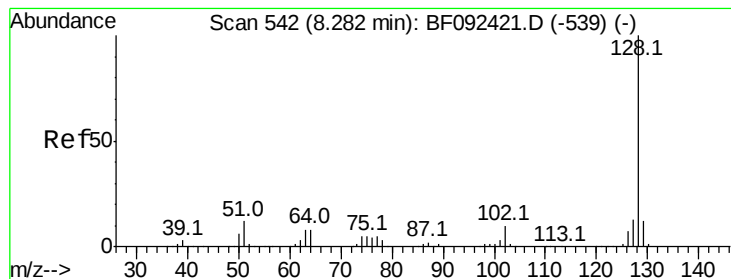


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0





#31

Naphthalene

Concen: 22.73 ng

RT: 8.28 min Scan# 542

Delta R.T. -0.00 min

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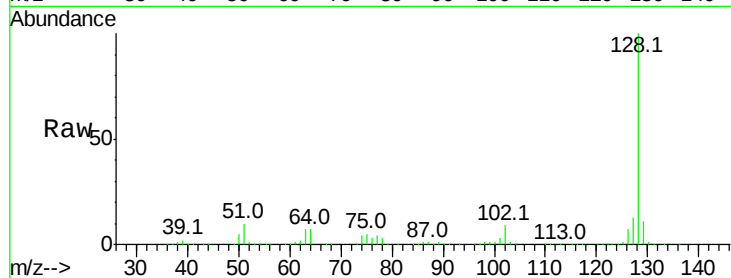
Tot Ion:128 Resp: 729093

Ion Ratio Lower Upper

128 100

129 11.4 9.5 14.3

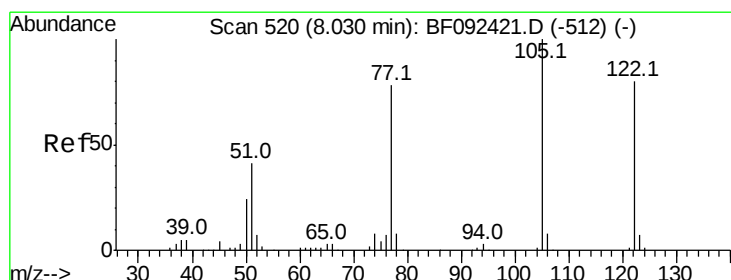
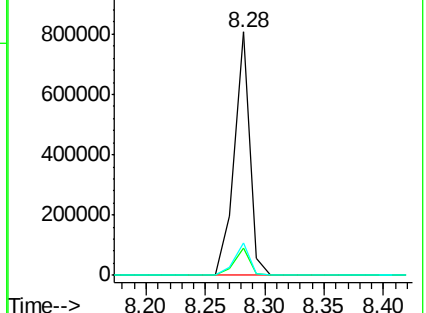
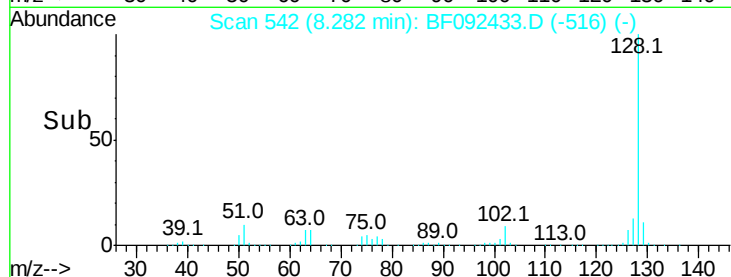
127 13.5 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 4.97 ng

RT: 8.03 min Scan# 520

Delta R.T. 0.00 min

Lab File: BF092433.D

Acq: 24 Jan 2017 17:14

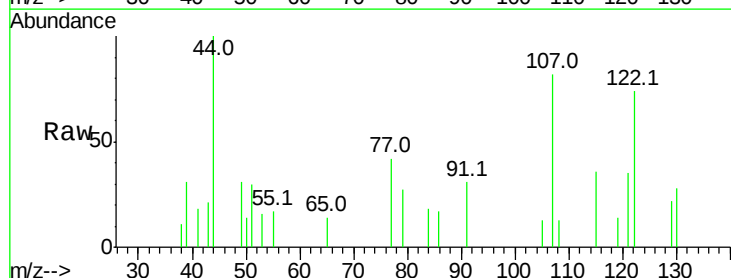
Tgt Ion:122 Resp: 2376

Ion Ratio Lower Upper

122 100

105 17.2 107.2 147.2#

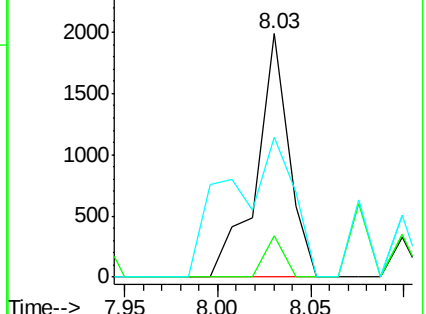
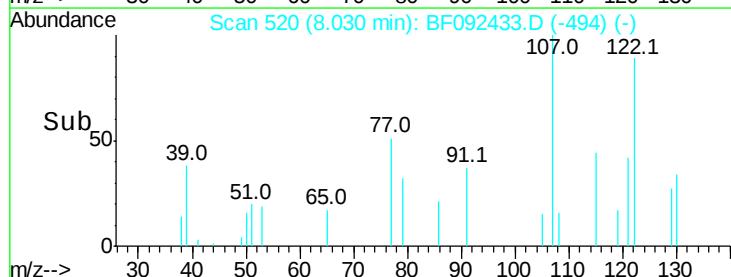
77 57.6 74.5 114.5#

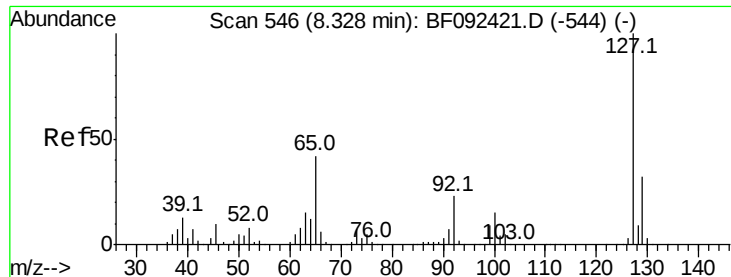


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

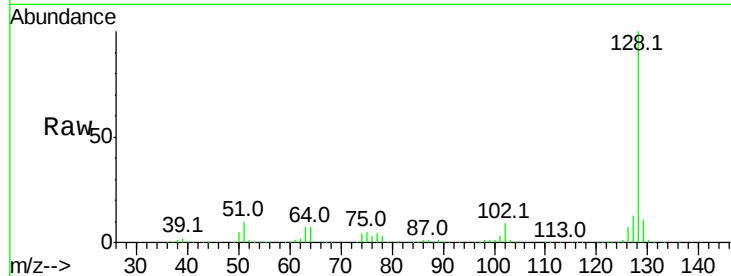




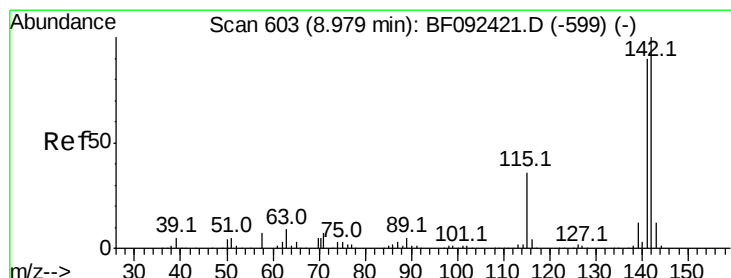
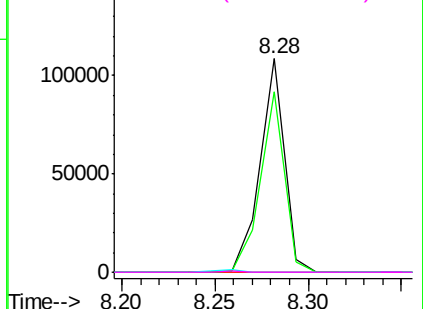
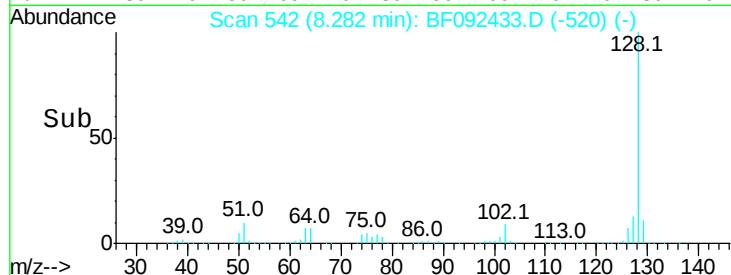
#33
 4-Chloroaniline
 Concen: 7.18 ng
 RT: 8.28 min Scan# 542
 Delta R.T. -0.05 min
 Lab File: BF092433.D
 Acq: 24 Jan 2017 17:14

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Tot Ion:127 Resp: 97454
 Ion Ratio Lower Upper
 127 100
 129 84.7 26.3 39.5#
 65 0.0 25.8 38.8#
 92 0.0 16.1 24.1#

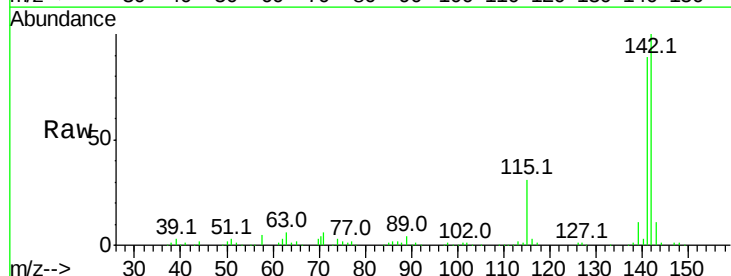


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

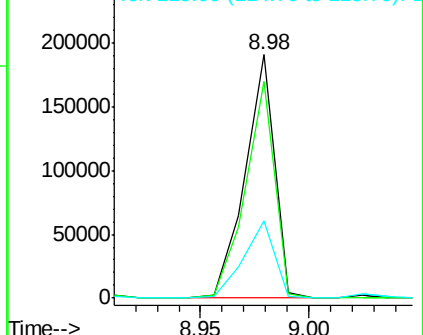
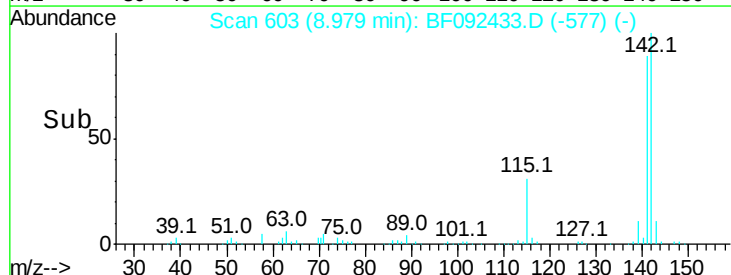


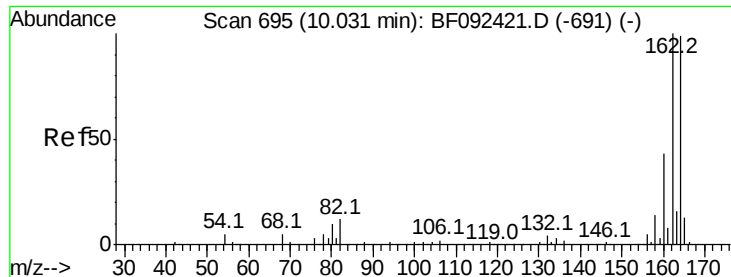
#37
 2-Methylnaphthalene
 Concen: 8.88 ng
 RT: 8.98 min Scan# 603
 Delta R.T. -0.00 min
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Tgt Ion:142 Resp: 180264
 Ion Ratio Lower Upper
 142 100
 141 89.2 71.0 106.6
 115 31.5 28.3 42.5



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

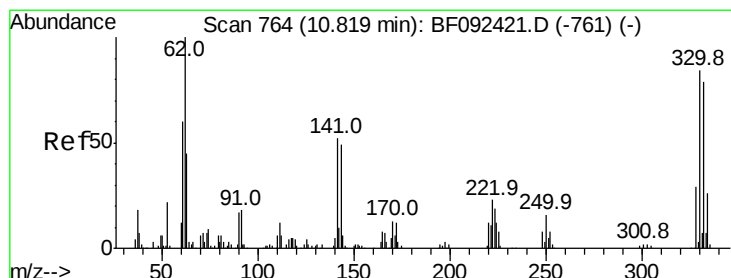
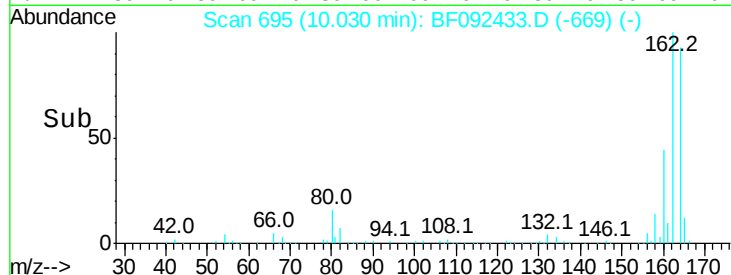
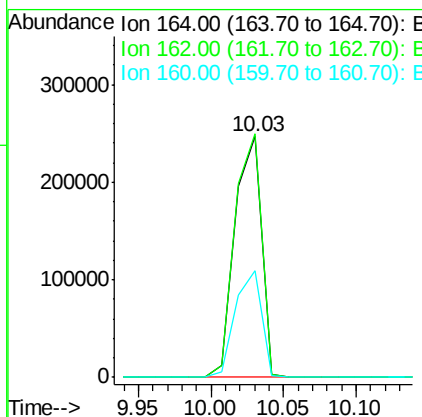
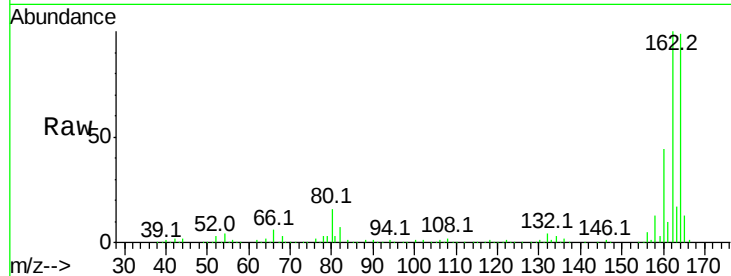




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF092433.D
Acq: 24 Jan 2017 17:14

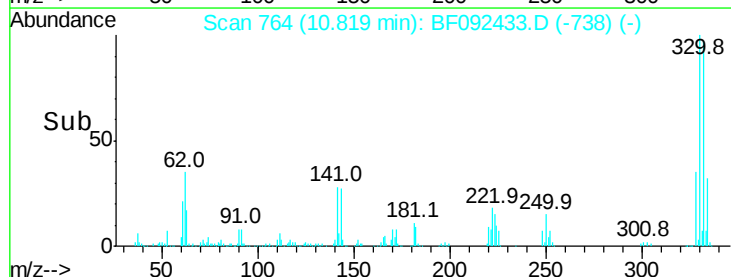
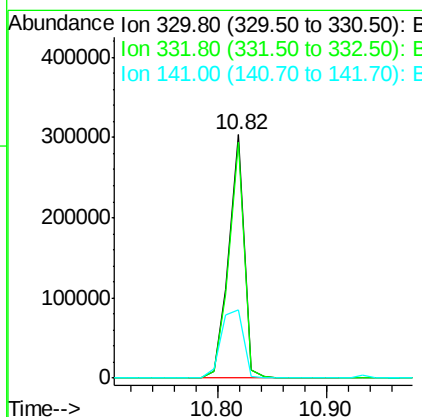
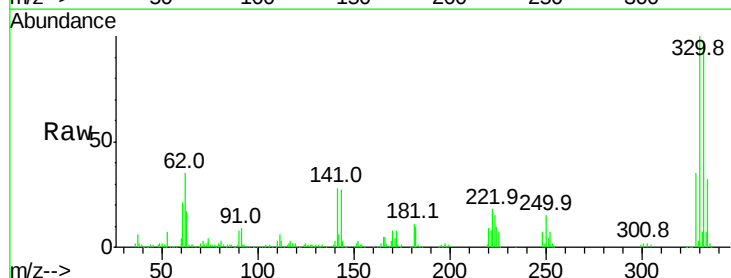
Instrument :
BNA_F
ClientSampleId :
BLACK-FILL1-0-5FT-COMP

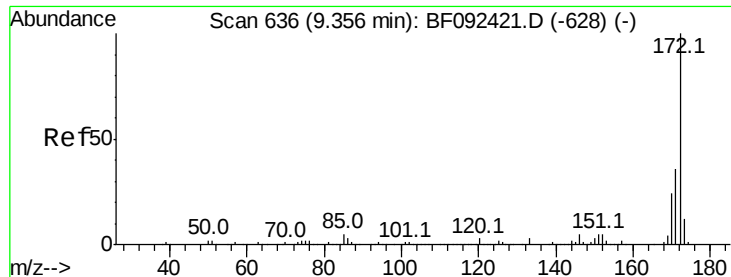
Tot Ion:164 Resp: 314727
Ion Ratio Lower Upper
164 100
162 101.0 80.2 120.2
160 44.3 36.9 55.3



#41
2,4,6-Tribromophenol
Concen: 139.89 ng
RT: 10.82 min Scan# 764
Delta R.T. -0.00 min
Lab File: BF092433.D
Acq: 24 Jan 2017 17:14

Tgt Ion:330 Resp: 300018
Ion Ratio Lower Upper
330 100
332 96.5 77.4 116.2
141 41.7 34.1 51.1

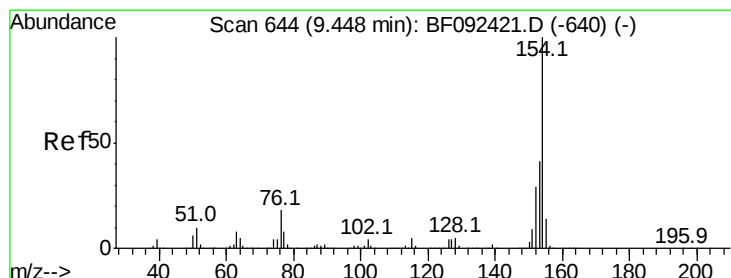
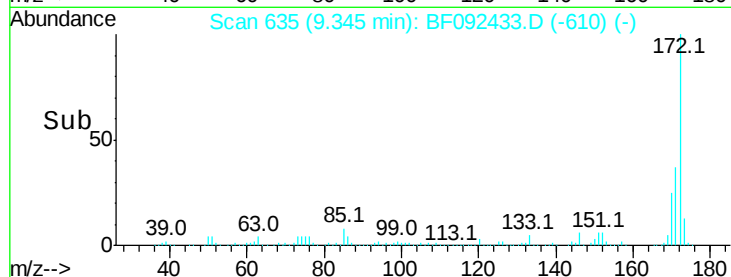
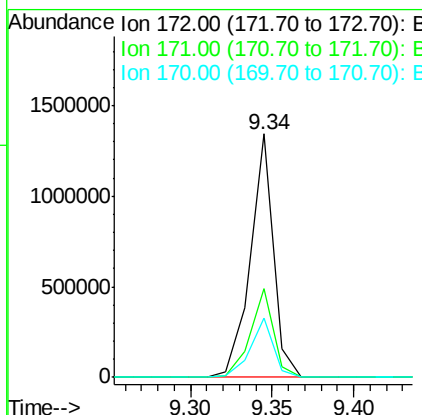
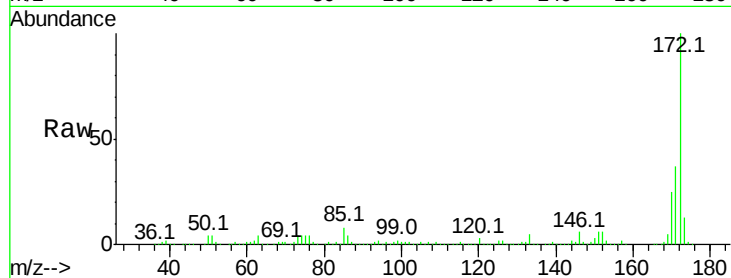




#44
 2-Fluorobiphenyl
 Concen: 77.67 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF092433.D
 Acq: 24 Jan 2017 17:14

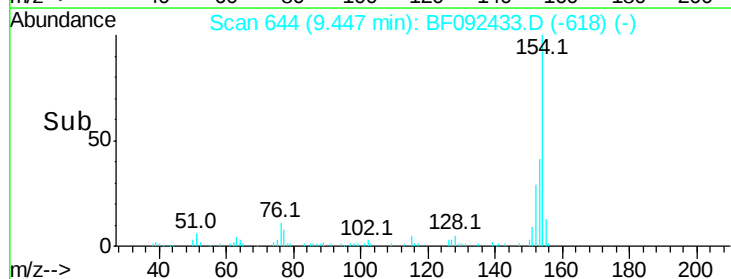
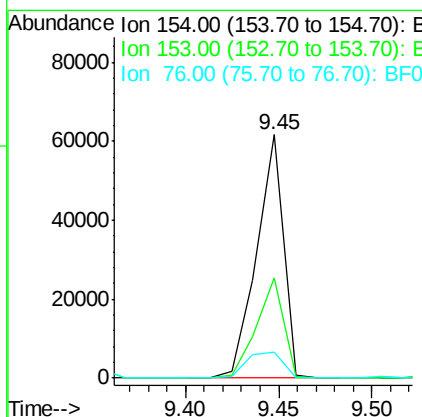
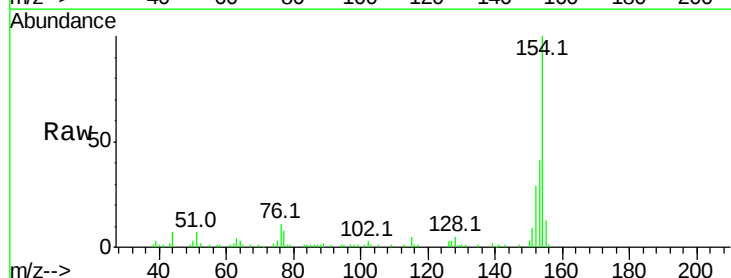
Instrument :
 BNA_F
 ClientSampleId :
 BLACK-FILL1-0-5FT-COMP

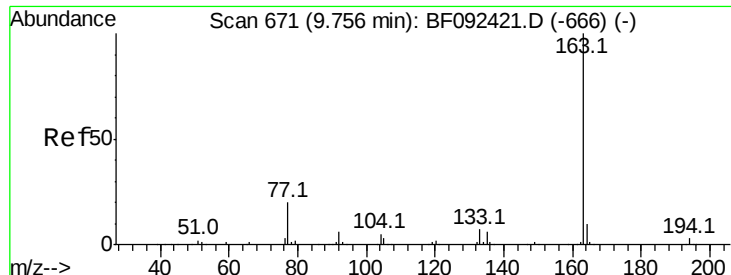
Tot Ion:172 Resp: 1321979
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.4 44.0
 170 24.6 20.2 30.4



#45
 1,1'-Biphenyl
 Concen: 2.68 ng
 RT: 9.45 min Scan# 644
 Delta R.T. -0.00 min
 Lab File: BF092433.D
 Acq: 24 Jan 2017 17:14

Tgt Ion:154 Resp: 60967
 Ion Ratio Lower Upper
 154 100
 153 41.1 20.9 60.9
 76 10.8 0.0 30.5

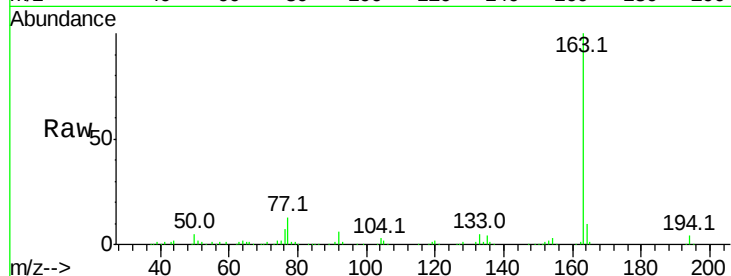




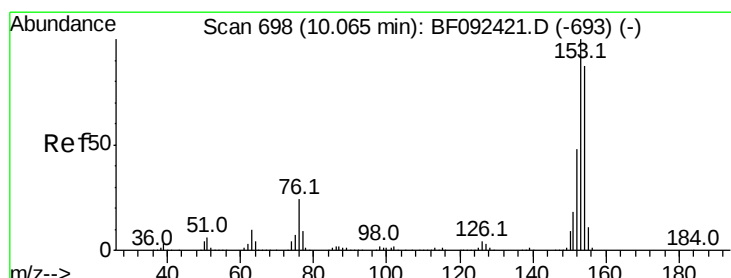
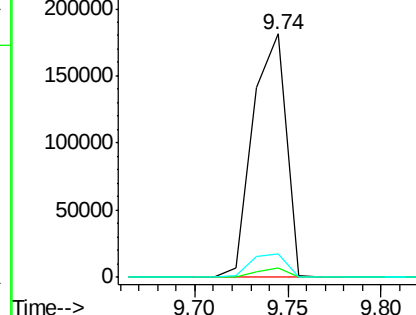
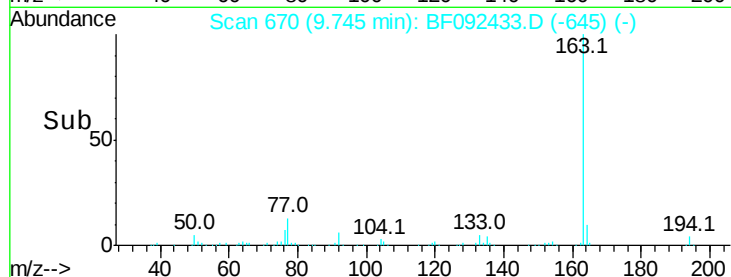
#49
Dimethylphthalate
Concen: 11.32 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF092433.D
Acq: 24 Jan 2017 17:14

Instrument :
BNA_F
ClientSampleId :
BLACK-FILL1-0-5FT-COMP

Tot Ion:163 Resp: 226644
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 9.8 8.0 12.0

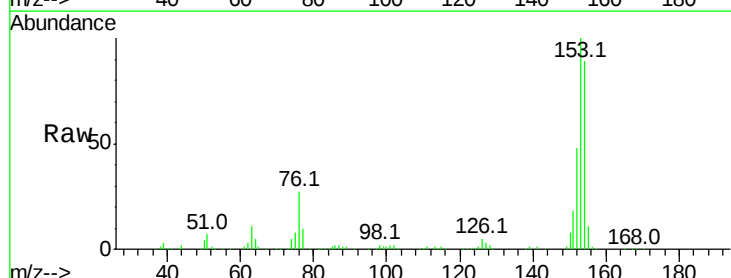


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

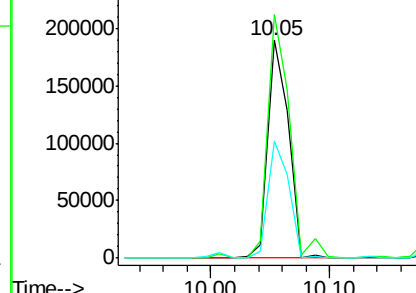
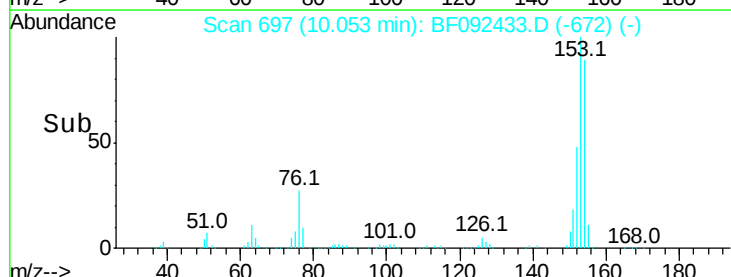


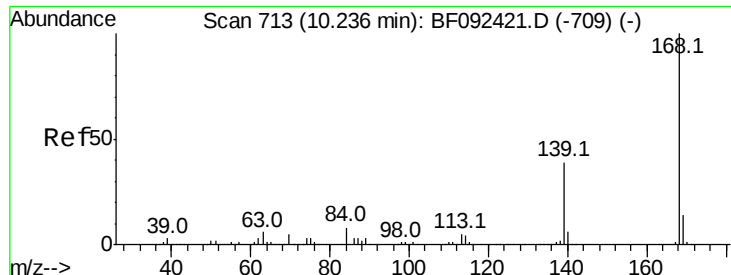
#51
Acenaphthene
Concen: 13.63 ng
RT: 10.05 min Scan# 697
Delta R.T. -0.01 min
Lab File: BF092433.D
Acq: 24 Jan 2017 17:14

Tgt Ion:154 Resp: 230859
Ion Ratio Lower Upper
154 100
153 111.8 88.6 133.0
152 53.4 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

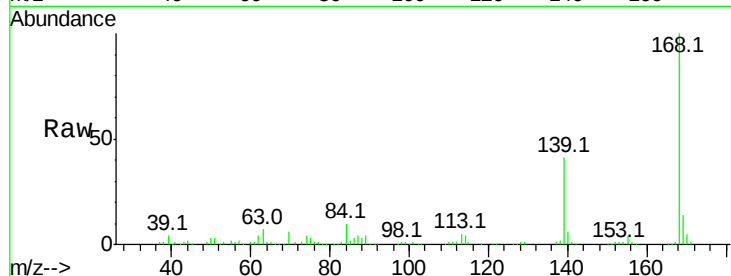




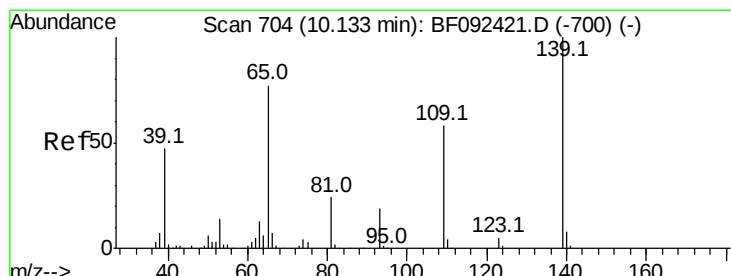
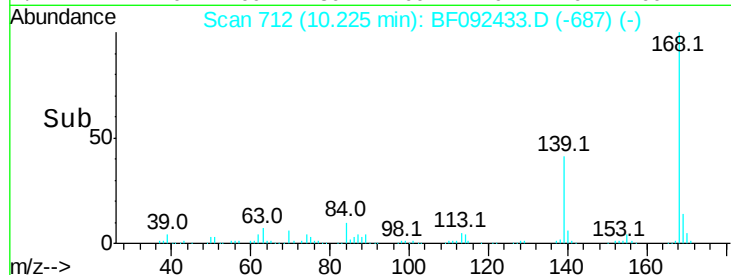
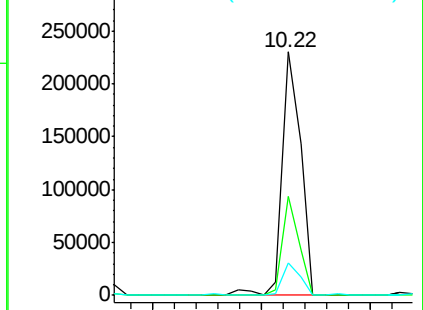
#54
Dibenzofuran
Concen: 11.88 ng
RT: 10.22 min Scan# 712
Delta R.T. -0.01 min
Lab File: BF092433.D
Acq: 24 Jan 2017 17:14

Instrument :
BNA_F
ClientSampleId :
BLACK-FILL1-0-5FT-COMP

Tot Ion:168 Resp: 273262
Ion Ratio Lower Upper
168 100
139 40.9 32.6 49.0
169 13.6 11.3 16.9

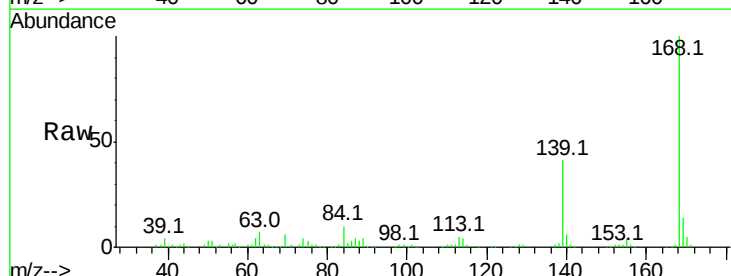


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

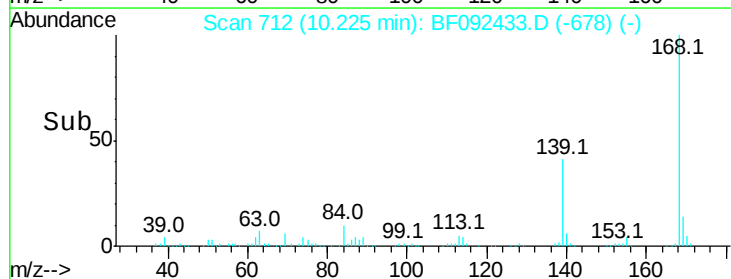
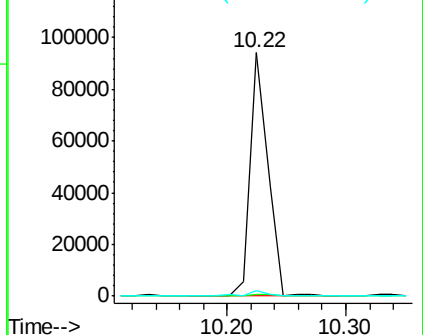


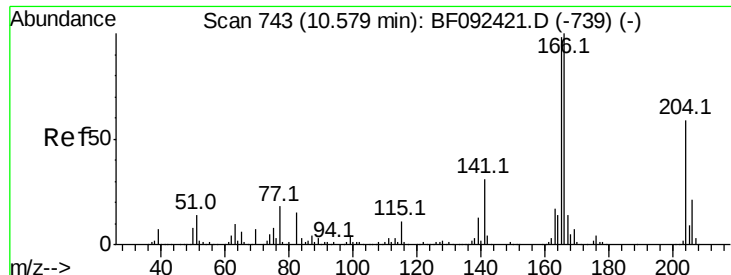
#55
4-Nitrophenol
Concen: 24.27 ng
RT: 10.22 min Scan# 712
Delta R.T. 0.09 min
Lab File: BF092433.D
Acq: 24 Jan 2017 17:14

Tgt Ion:139 Resp: 98769
Ion Ratio Lower Upper
139 100
109 0.9 52.2 92.2#
65 2.4 85.8 125.8#



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): BF0

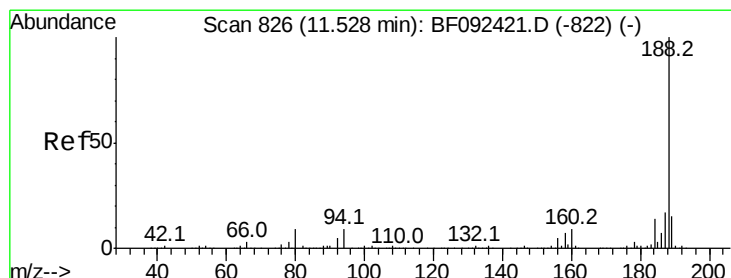
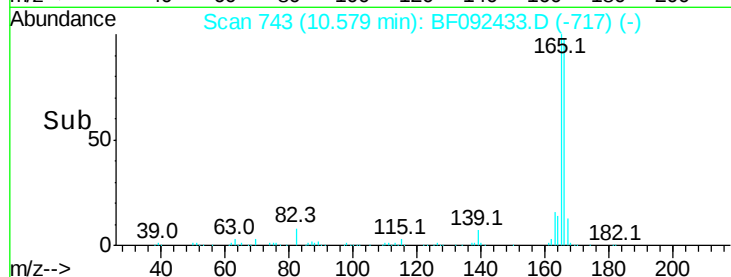
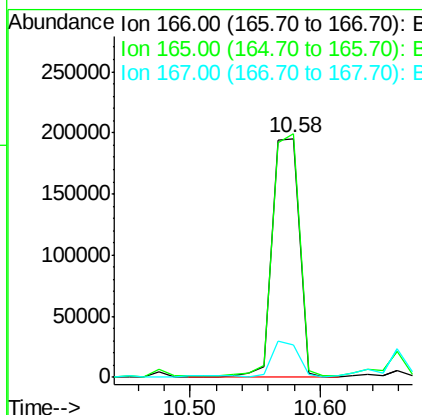
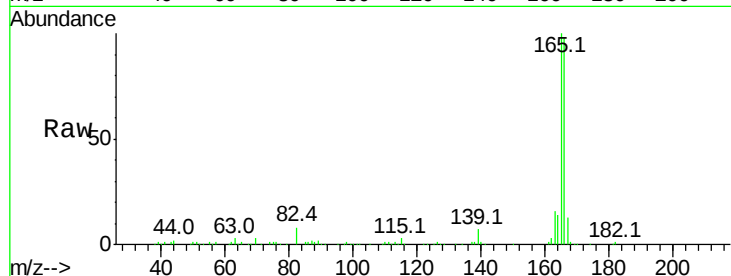




#57
Fluorene
 Concen: 16.26 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.00 min
 Lab File: BF092433.D
 Acq: 24 Jan 2017 17:14

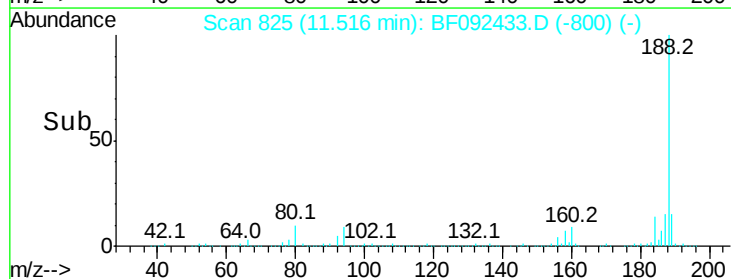
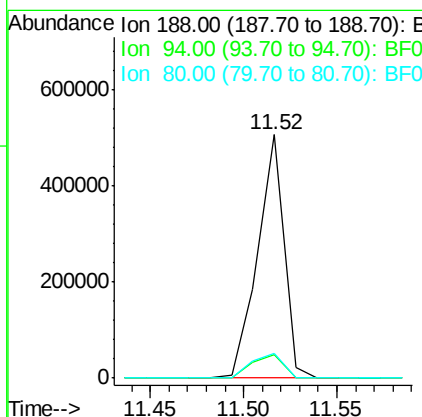
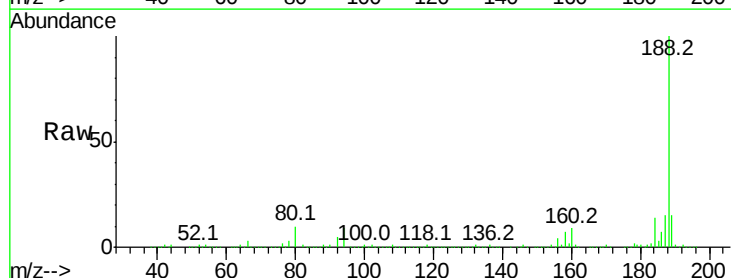
Instrument :
 BNA_F
 ClientSampleId :
 BLACK-FILL1-0-5FT-COMP

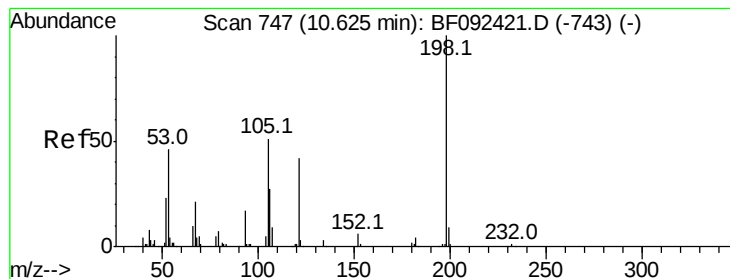
Tot Ion:166 Resp: 277213
 Ion Ratio Lower Upper
 166 100
 165 101.9 77.8 116.8
 167 13.3 10.8 16.2



#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.52 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF092433.D
 Acq: 24 Jan 2017 17:14

Tgt Ion:188 Resp: 493075
 Ion Ratio Lower Upper
 188 100
 94 9.4 10.0 15.0#
 80 9.9 11.2 16.8#





#64

4,6-Dinitro-2-methylphenol

Concen: 5.23 ng

RT: 10.82 min Scan# 764

Delta R.T. 0.20 min

Lab File: BF092433.D

Acq: 24 Jan 2017 17:14

Instrument :

BNA_F

ClientSampleId :

BLACK-FILL1-0-5FT-COMP

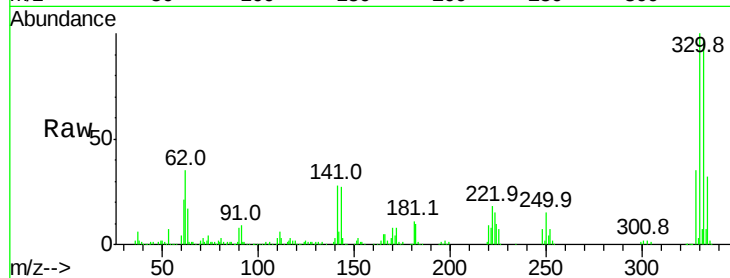
Tot Ion:198 Resp: 834

Ion Ratio Lower Upper

198 100

51 391.3 6.7 46.7#

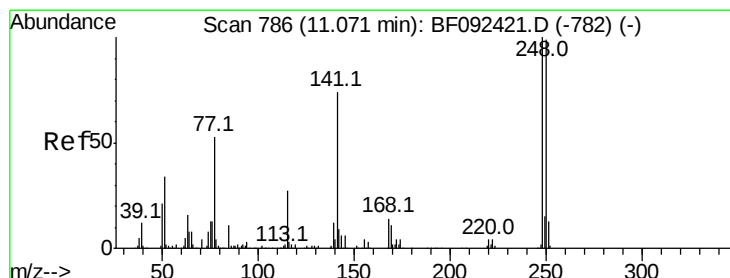
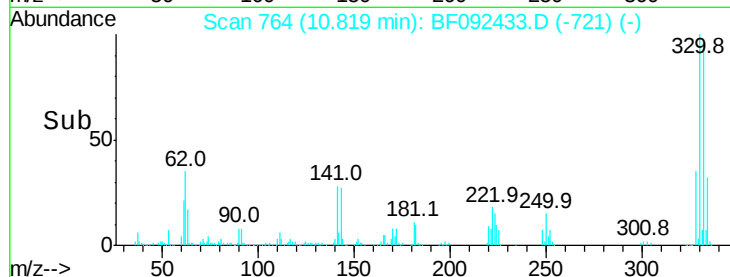
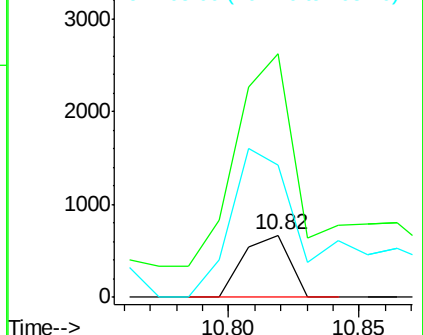
105 212.4 16.6 56.6#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 4.72 ng

RT: 10.82 min Scan# 764

Delta R.T. -0.25 min

Lab File: BF092433.D

Acq: 24 Jan 2017 17:14

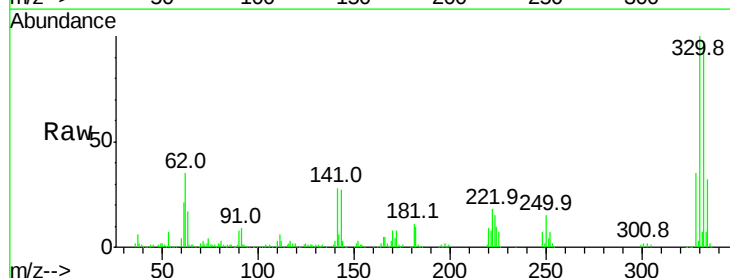
Tgt Ion:248 Resp: 23484

Ion Ratio Lower Upper

248 100

250 202.1 76.9 115.3#

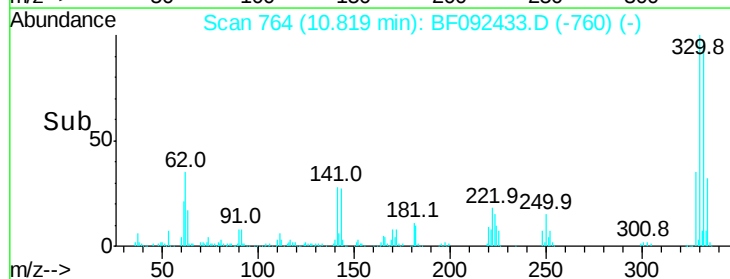
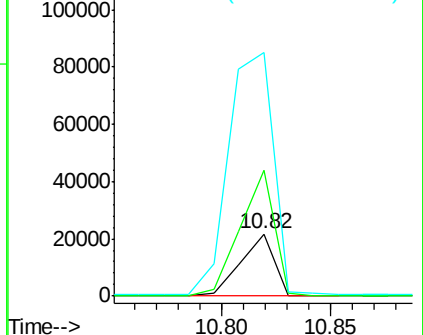
141 390.1 68.2 102.4#

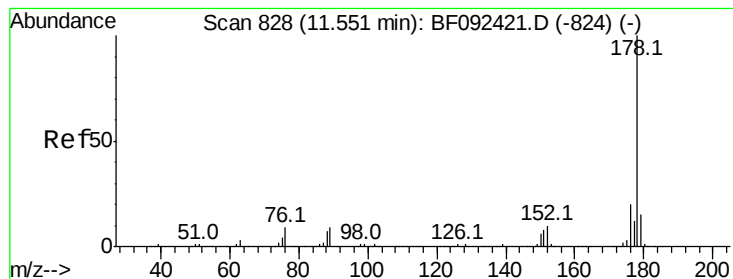


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#70

Phenanthrene

Concen: 39.04 ng

RT: 11.54 min Scan# 827

Delta R.T. -0.01 min

Lab File: BF092433.D

Acq: 24 Jan 2017 17:14

Instrument :

BNA_F

ClientSampleId :

BLACK-FILL1-0-5FT-COMP

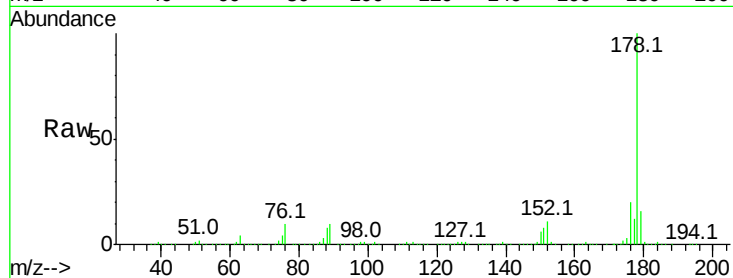
Tot Ion:178 Resp: 1059981

Ion Ratio Lower Upper

178 100

176 20.4 16.6 25.0

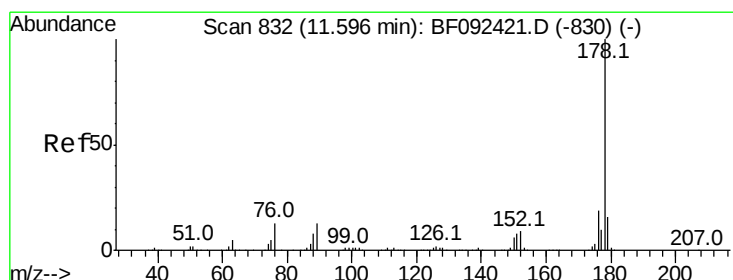
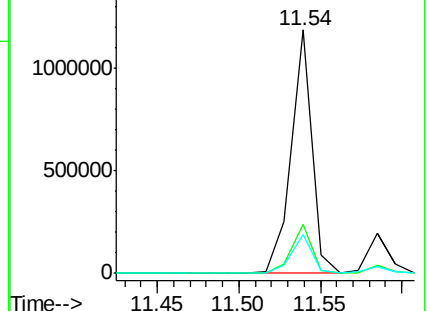
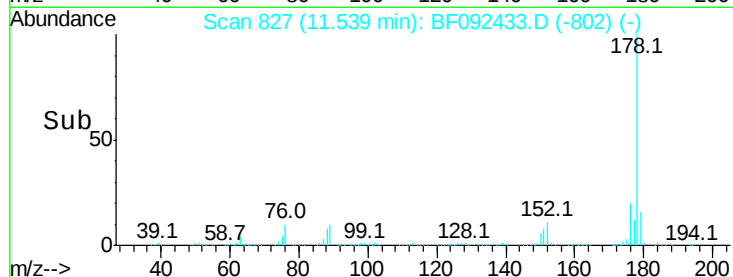
179 15.8 12.8 19.2



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: 6.68 ng

RT: 11.58 min Scan# 831

Delta R.T. -0.01 min

Lab File: BF092433.D

Acq: 24 Jan 2017 17:14

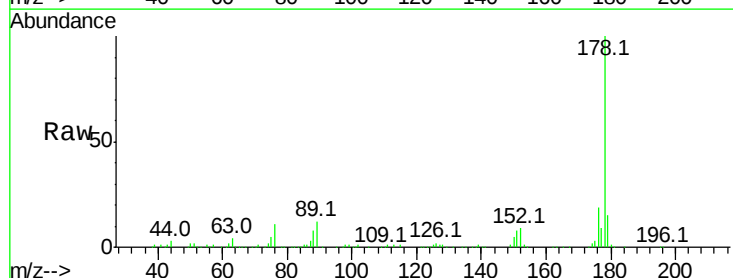
Tgt Ion:178 Resp: 177284

Ion Ratio Lower Upper

178 100

176 19.0 15.9 23.9

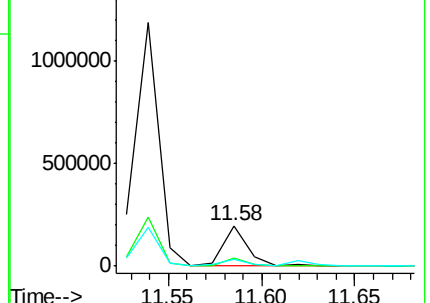
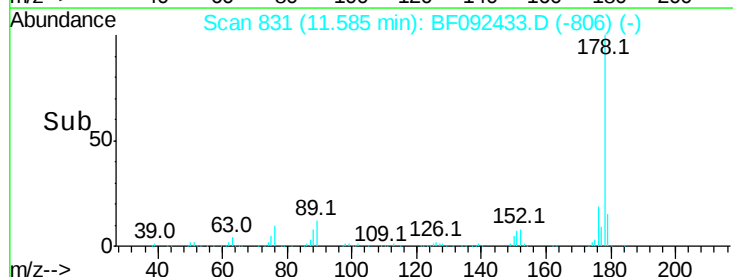
179 15.4 13.2 19.8

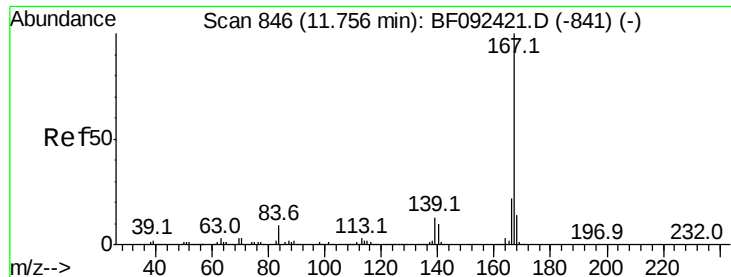


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 2.85 ng

RT: 11.73 min Scan# 844

Delta R.T. -0.02 min

Lab File: BF092433.D

Acq: 24 Jan 2017 17:14

Instrument :

BNA_F

ClientSampleId :

BLACK-FILL1-0-5FT-COMP

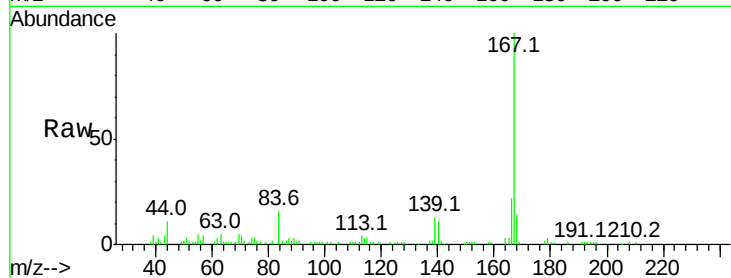
Tot Ion:167 Resp: 72110

Ion Ratio Lower Upper

167 100

166 21.9 18.2 27.2

139 13.4 11.4 17.2



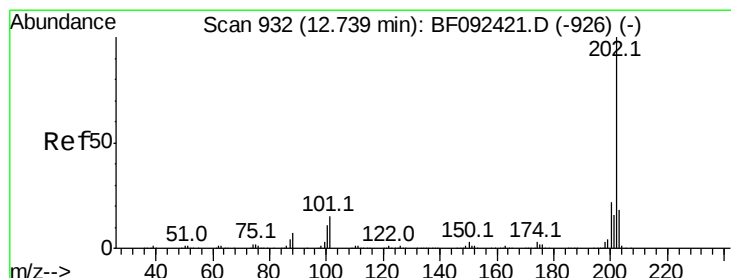
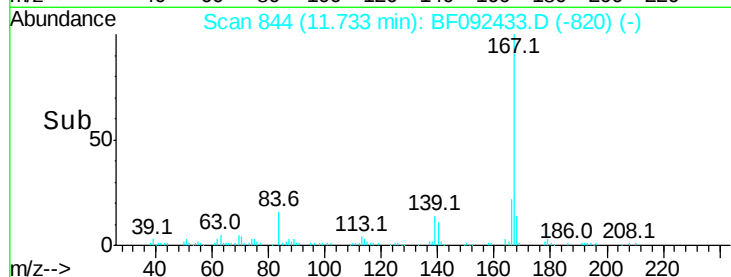
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

11.73

Time-->



#74

Fluoranthene

Concen: 28.31 ng

RT: 12.73 min Scan# 931

Delta R.T. -0.01 min

Lab File: BF092433.D

Acq: 24 Jan 2017 17:14

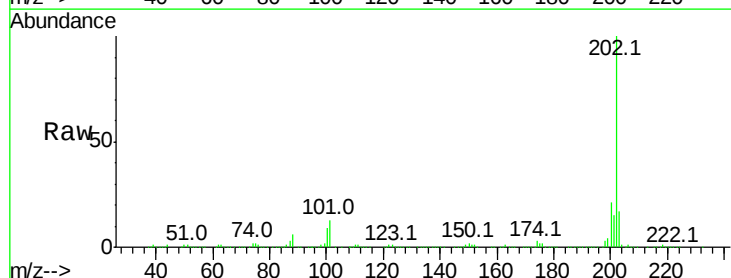
Tgt Ion:202 Resp: 751985

Ion Ratio Lower Upper

202 100

101 12.8 0.0 34.6

203 17.4 0.0 38.7



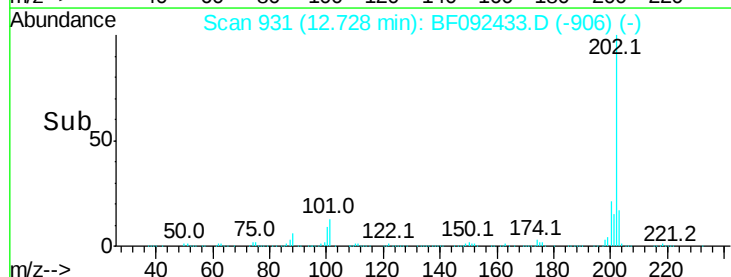
Abundance Ion 202.00 (201.70 to 202.70): E

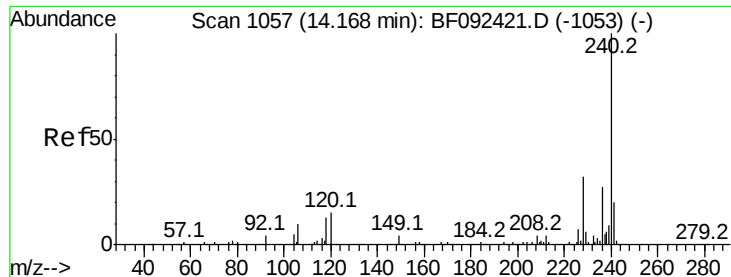
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

12.73

Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.15 min Scan# 1055

Delta R.T. -0.02 min

Lab File: BF092433.D

Acq: 24 Jan 2017 17:14

Instrument :

BNA_F

ClientSampleId :

BLACK-FILL1-0-5FT-COMP

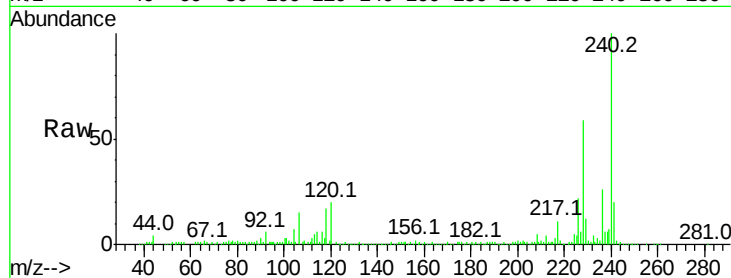
Tot Ion:240 Resp: 356462

Ion Ratio Lower Upper

240 100

120 19.7 12.9 19.3#

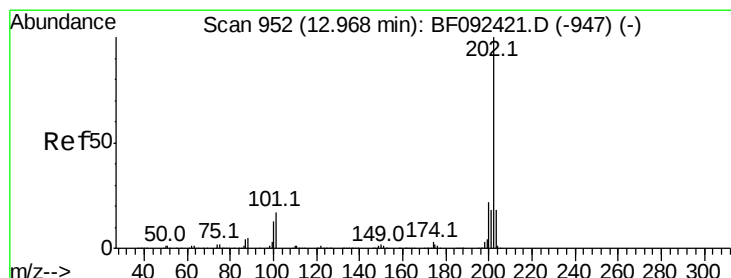
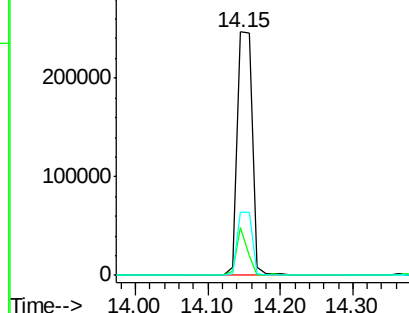
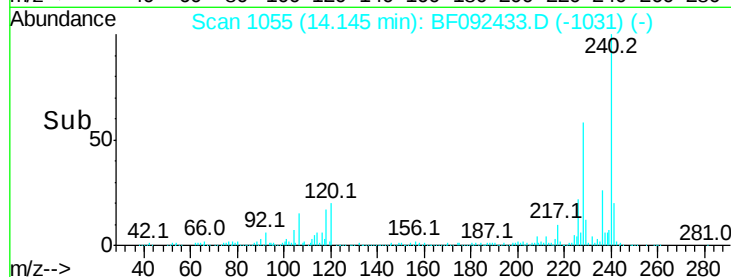
236 26.0 20.9 31.3



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: 24.82 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF092433.D

Acq: 24 Jan 2017 17:14

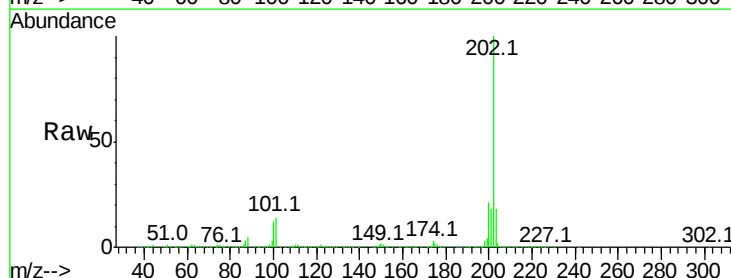
Tgt Ion:202 Resp: 641153

Ion Ratio Lower Upper

202 100

200 21.3 17.7 26.5

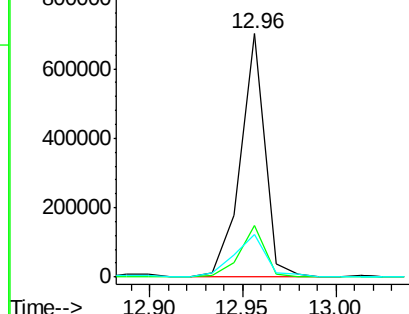
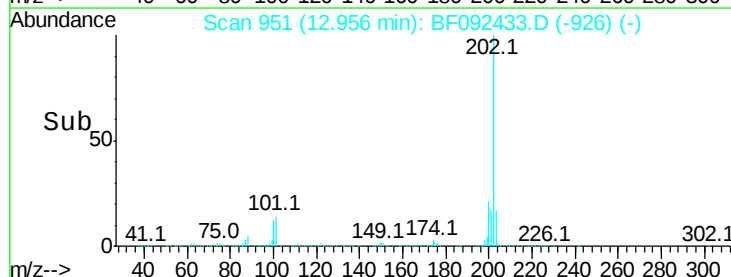
203 17.7 14.7 22.1

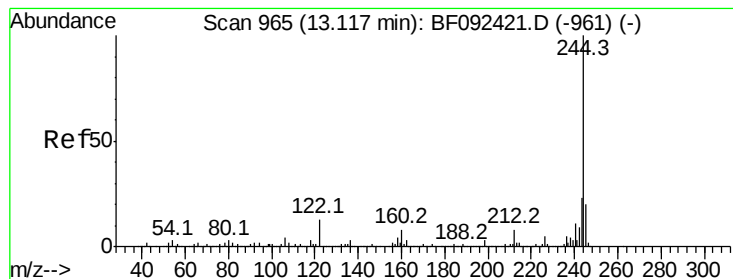


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 75.28 ng

RT: 13.11 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF092433.D

Acq: 24 Jan 2017 17:14

Instrument :

BNA_F

ClientSampleId :

BLACK-FILL1-0-5FT-COMP

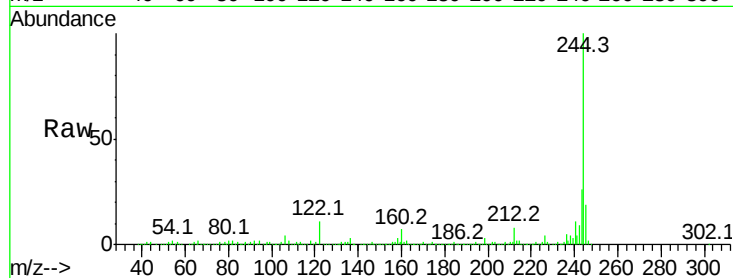
Tot Ion:244 Resp: 1007735

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

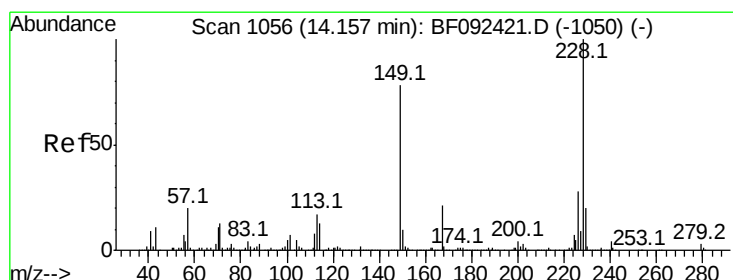
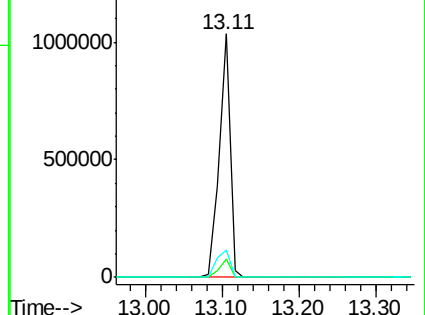
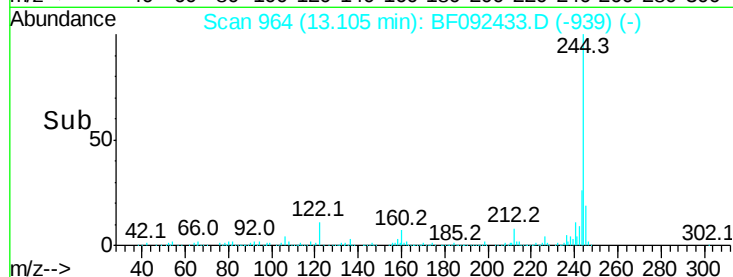
122 11.0 11.4 17.2#



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: 10.44 ng

RT: 14.18 min Scan# 1058

Delta R.T. 0.02 min

Lab File: BF092433.D

Acq: 24 Jan 2017 17:14

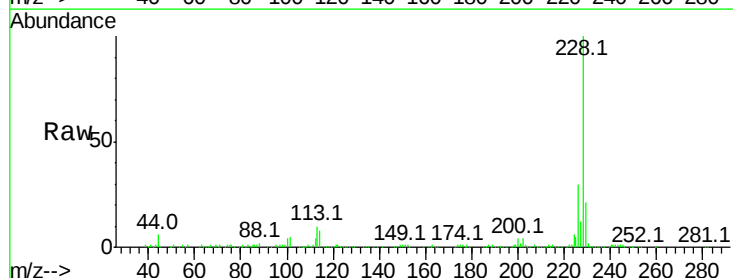
Tgt Ion:228 Resp: 200037

Ion Ratio Lower Upper

228 100

226 30.5 22.4 33.6

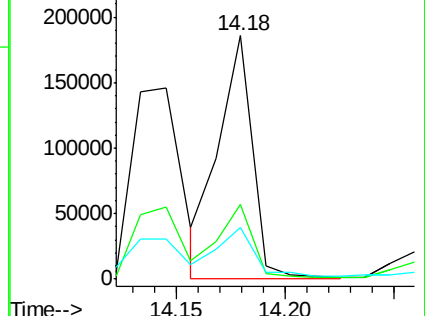
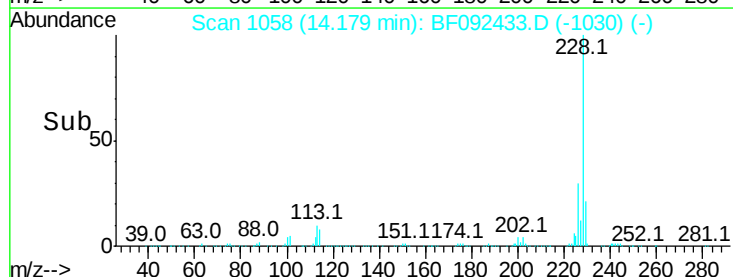
229 21.4 16.2 24.4

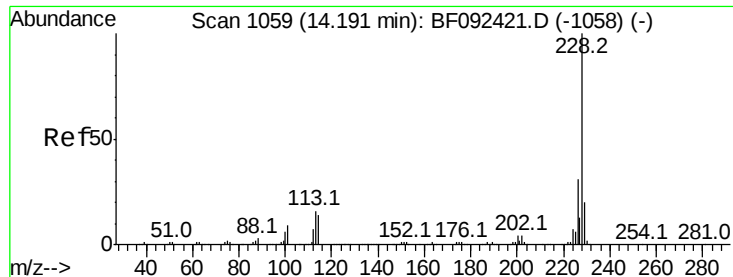


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

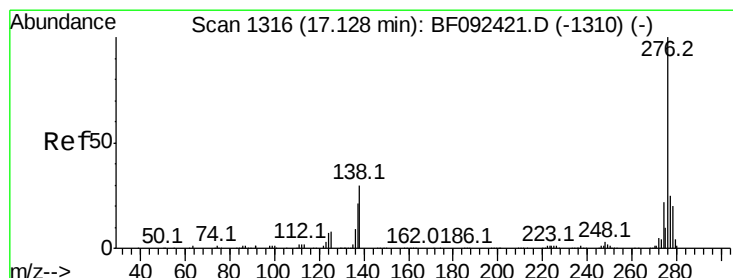
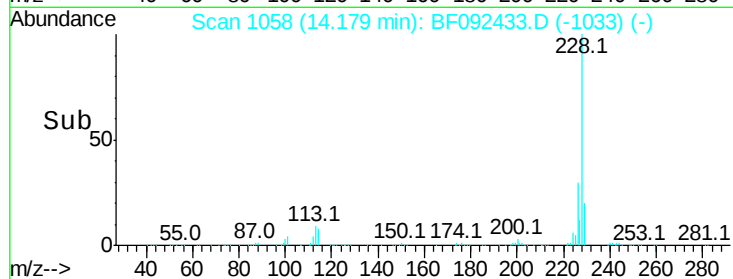
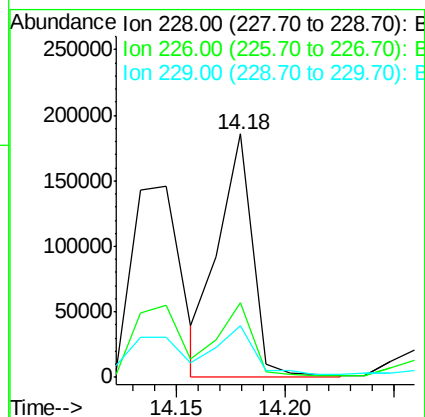
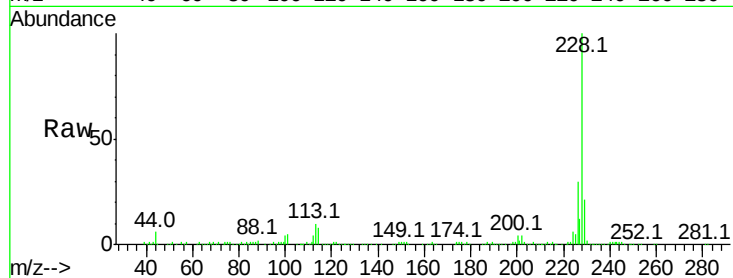




#82
Chrysene
Concen: 9.78 ng
RT: 14.18 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF092433.D
Acq: 24 Jan 2017 17:14

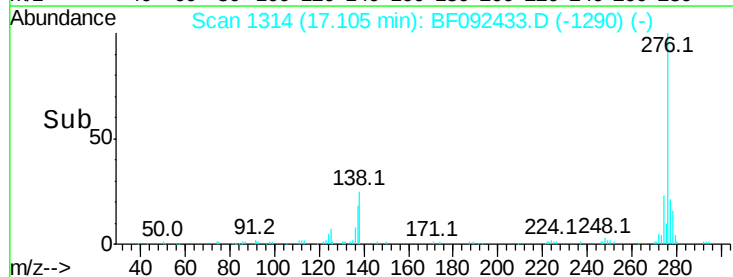
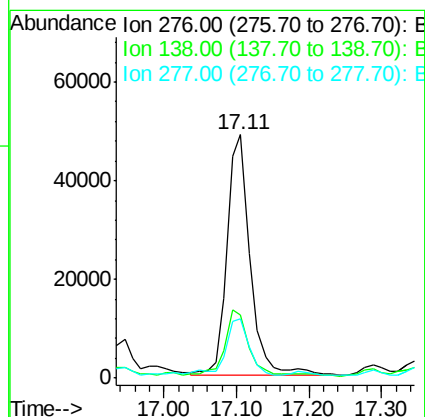
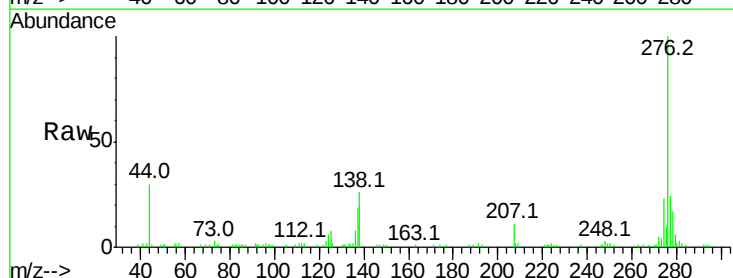
Instrument :
BNA_F
ClientSampleId :
BLACK-FILL1-0-5FT-COMP

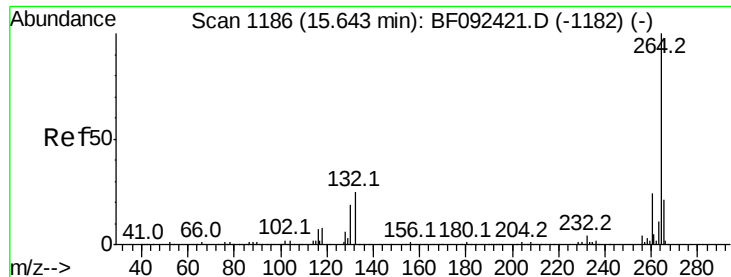
Tot Ion:228	Resp:	200037
Ion Ratio	Lower	Upper
228	100	
226	30.5	25.4 38.0
229	21.4	16.2 24.2



#85
Indeno(1,2,3-cd)pyrene
Concen: 7.16 ng
RT: 17.11 min Scan# 1314
Delta R.T. -0.02 min
Lab File: BF092433.D
Acq: 24 Jan 2017 17:14

Tgt Ion:276	Resp:	108311
Ion Ratio	Lower	Upper
276	100	
138	26.6	21.8 32.6
277	24.7	20.2 30.4



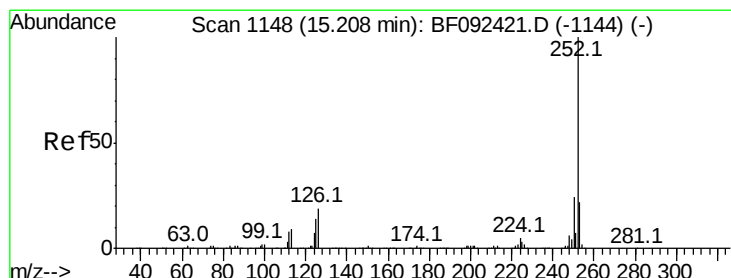
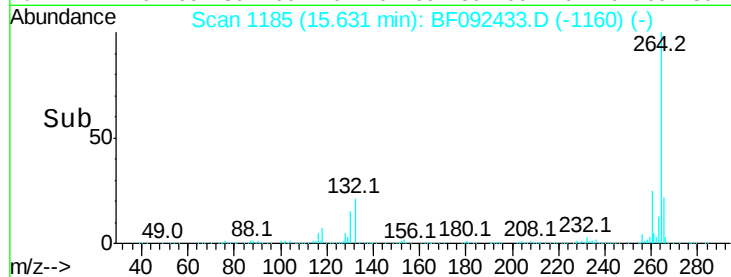
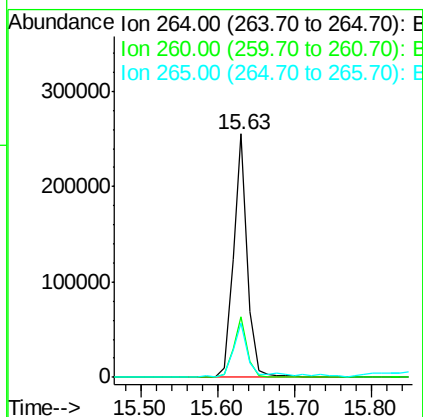
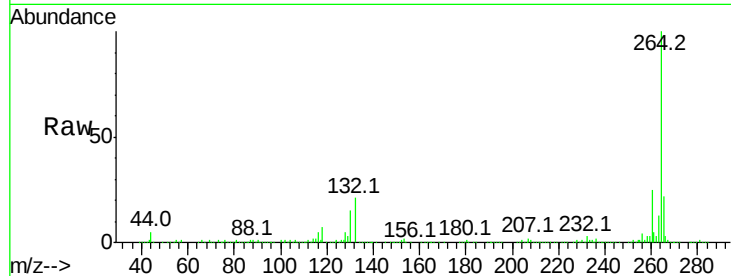


#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.63 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF092433.D
Acq: 24 Jan 2017 17:14

Instrument :
BNA_F
ClientSampleId :
BLACK-FILL1-0-5FT-COMP

Tot Ion:264 Resp: 328293

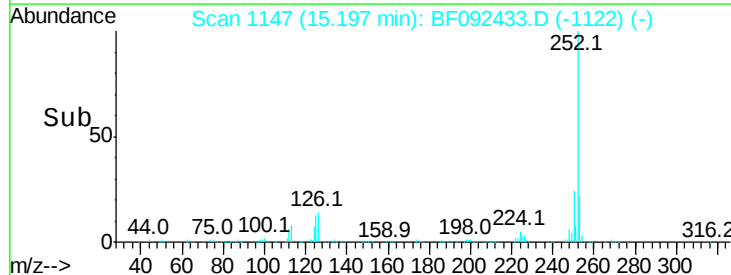
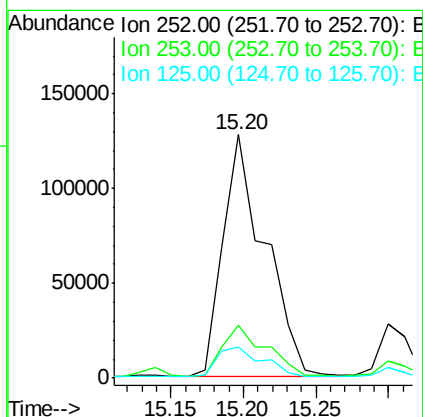
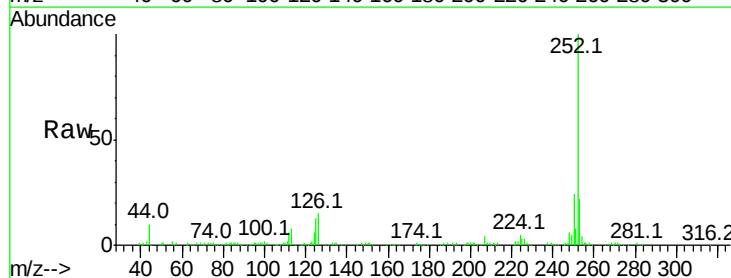
Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	22.5	17.4	26.0

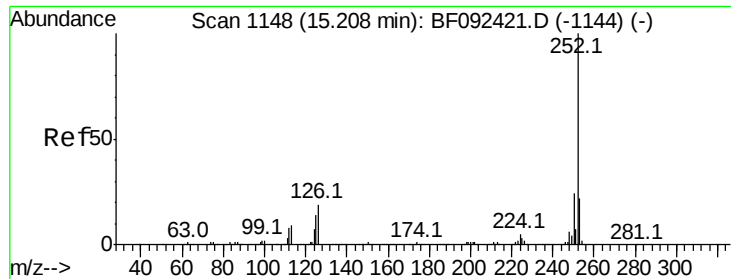


#87
Benzo(b)fluoranthene
Concen: 12.19 ng
RT: 15.20 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF092433.D
Acq: 24 Jan 2017 17:14

Tgt Ion:252 Resp: 256935

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.4
125	13.0	9.8	14.6

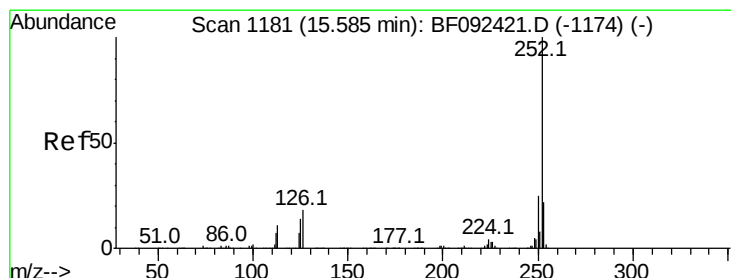
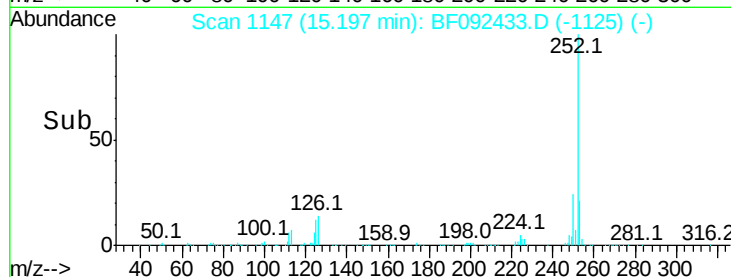
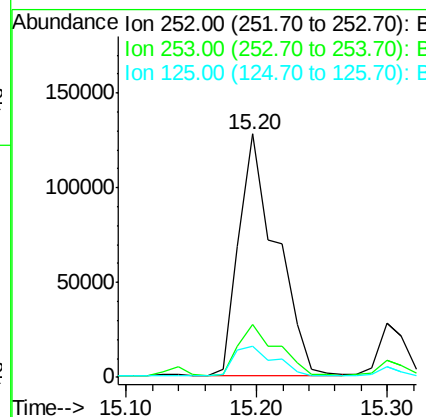
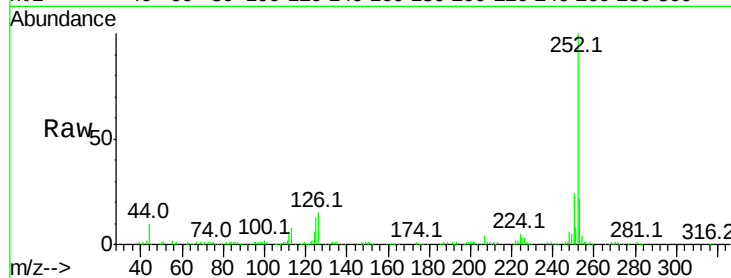




#88
Benzo(k)fluoranthene
Concen: 14.56 ng
RT: 15.20 min Scan# 1147
Delta R.T. -0.05 min
Lab File: BF092433.D
Acq: 24 Jan 2017 17:14

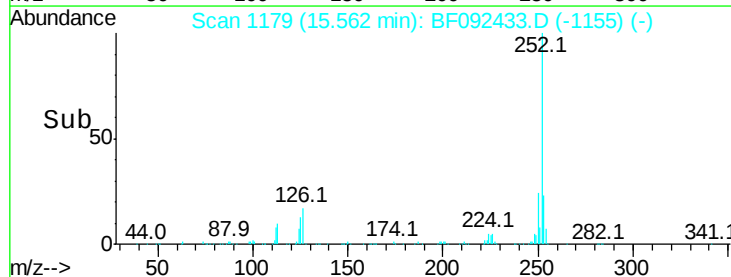
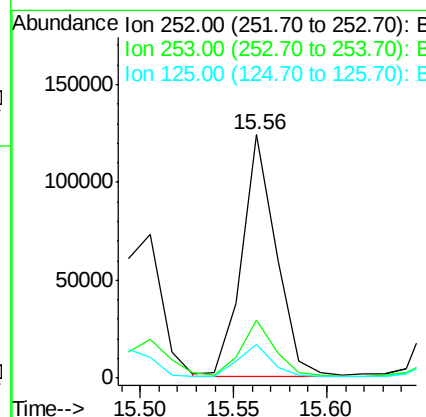
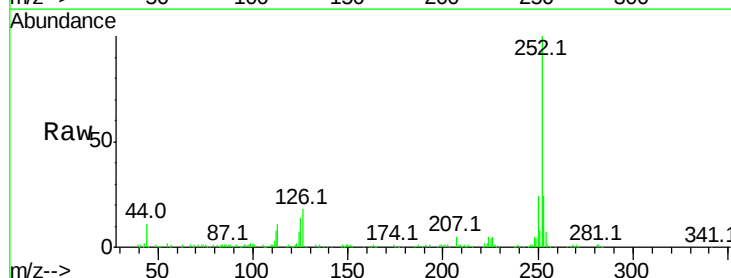
Instrument :
BNA_F
ClientSampleId :
BLACK-FILL1-0-5FT-COMP

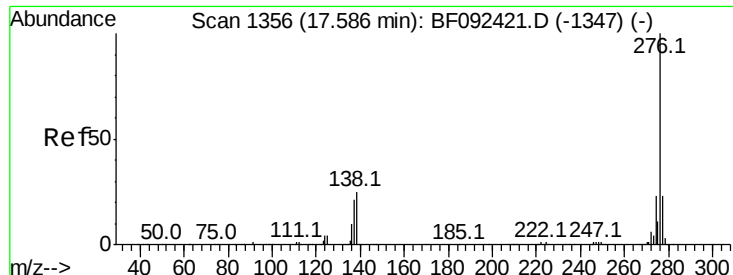
Tot Ion:252 Resp: 255105
Ion Ratio Lower Upper
252 100
253 22.0 18.5 27.7
125 13.0 8.9 13.3



#89
Benzo(a)pyrene
Concen: 8.97 ng
RT: 15.56 min Scan# 1179
Delta R.T. -0.02 min
Lab File: BF092433.D
Acq: 24 Jan 2017 17:14

Tgt Ion:252 Resp: 159902
Ion Ratio Lower Upper
252 100
253 24.0 18.2 27.2
125 13.7 10.0 15.0





#91

Benzo(a,h,i)perylene

Concen: 7.57 ng

RT: 17.55 min Scan# 1353

Delta R.T. -0.03 min

Lab File: BF092433.D

Acq: 24 Jan 2017 17:14

Instrument :

BNA_F

ClientSampleId :

BLACK-FILL1-0-5FT-COMP

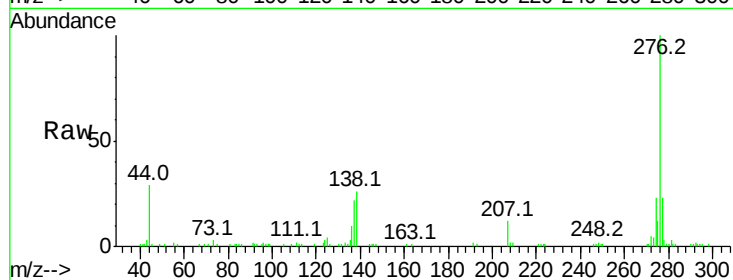
Tot Ion:276 Resp: 110358

Ion Ratio Lower Upper

276 100

277 23.2 19.2 28.8

138 25.6 16.0 24.0#



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

