

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050417\
 Data File : BF094892.D
 Acq On : 5 May 2017 00:55
 Operator : SJ/MA
 Sample : I2930-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 05 03:50:18 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	82257	20.00	ng	0.00
21) Naphthalene-d8	9.75	136	269134	20.00	ng	0.00
38) Acenaphthene-d10	12.64	164	116175	20.00	ng	0.05
63) Phenanthrene-d10	15.04	188	145428	20.00	ng	0.05
75) Chrysene-d12	18.64	240	177532	20.00	ng	-0.01
86) Perylene-d12	20.30	264	165934	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	560887	113.68	ng	-0.02
7) Phenol-d6	7.26	99	678977	114.70	ng	-0.02
23) Nitrobenzene-d5	8.62	82	400269	93.78	ng	-0.01
41) 2,4,6-Tribromophenol	13.95	330	99711	104.80	ng	0.06
44) 2-Fluorobiphenyl	11.55	172	583104	72.24	ng	0.02
78) Terphenyl-d14	17.31	244	515544	63.96	ng	0.00

Target Compounds						Qvalue
9) Benzaldehyde	7.04	77	8516	2.36	ng	# 1
10) Phenol	7.28	94	16632	2.67	ng	# 81
15) Benzyl Alcohol	7.96	79	12270	3.22	ng	# 43
18) Hexachloroethane	8.50	117	17112	7.82	ng	# 1
19) n-Nitroso-di-n-propylamine	8.41	70	26231	6.55	ng	# 77
22) Acetophenone	8.37	105	80382	12.45	ng	# 47
25) Isophorone	9.00	82	81545	10.70	ng	# 1
28) bis(2-Chloroethoxy)methane	9.43	93	12249	2.32	ng	# 1
29) 2,4-Dichlorophenol	9.57	162	11413	3.10	ng	# 1
31) Naphthalene	9.79	128	512048	37.85	ng	# 70
32) Benzoic acid	9.63	122	7807	7.81	ng	# 9
33) 4-Chloroaniline	9.87	127	48629	9.65	ng	# 1
35) Caprolactam	10.50	113	18889	17.07	ng	# 1
36) 4-Chloro-3-methylphenol	10.81	107	12764	3.24	ng	# 27
37) 2-Methylnaphthalene	10.97	142	3909277	440.36	ng	# 98
45) 1,1'-Biphenyl	11.71	154	68339	6.99	ng	# 83
47) 2-Nitroaniline	11.99	65	18424	8.52	ng	# 51
48) Acenaphthylene	12.42	152	125022	10.11	ng	# 1
49) Dimethylnaphthalate	12.25	163	162977	17.09	ng	# 93
50) 2,6-Dinitrotoluene	12.36	165	7448	3.83	ng	# 66
51) Acenaphthene	12.69	154	176109	23.83	ng	# 93
52) 3-Nitroaniline	12.61	138	10468	5.01	ng	# 27
53) 2,4-Dinitrophenol	12.88	184	578	6.74	ng	# 1
54) Dibenzofuran	12.98	168	252882	24.73	ng	# 67
55) 4-Nitrophenol	12.98	139	182996	145.89	ng	# 76
56) 2,4-Dinitrotoluene	13.02	165	106956	42.78	ng	# 54
57) Fluorene	13.54	166	498431	56.06	ng	# 90
61) 4-Nitroaniline	13.40	138	16335	8.52	ng	# 88
62) Azobenzene	13.81	77	47408	6.45	ng	# 1
64) 4,6-Dinitro-2-methylphenol	13.70	198	3365	3.45	ng	# 1
65) n-Nitrosodiphenylamine	13.77	169	387348	73.39	ng	# 55
69) Pentachlorophenol	14.78	266	1862	8.29	ng	# 1
70) Phenanthrene	15.09	178	1527495	182.81	ng	# 99
71) Anthracene	15.09	178	1527495	178.96	ng	# 100

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 17:24:51 2017
Response via : Initial Calibration

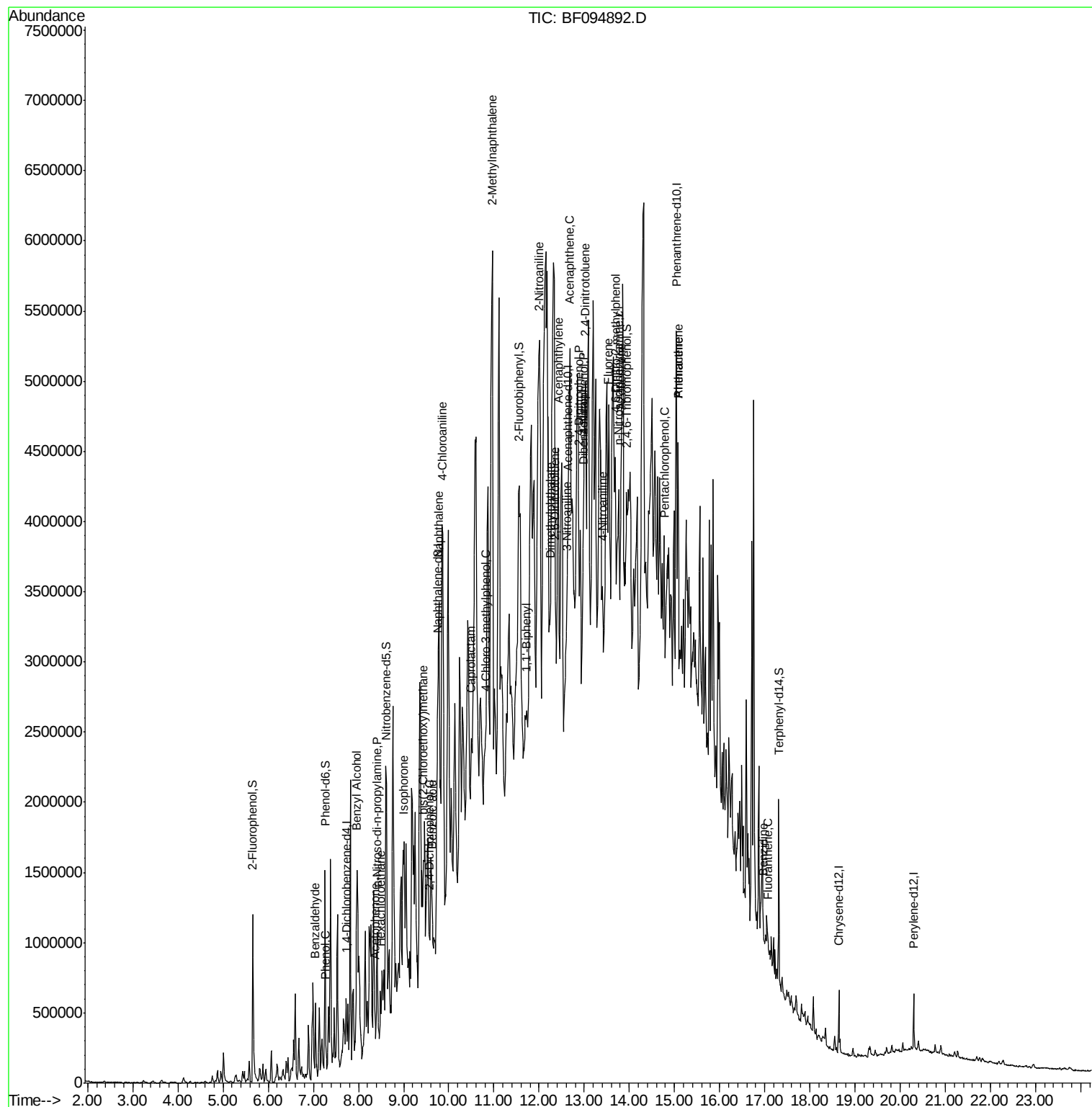
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
74) Fluoranthene	17.08	202	30276	3.53	ng	72
76) Benzidine	16.97	184	736	6.72	ng	# 1

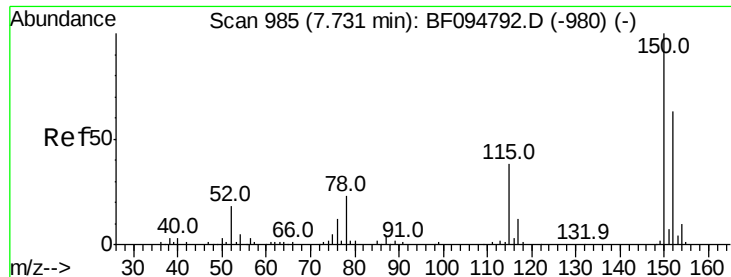
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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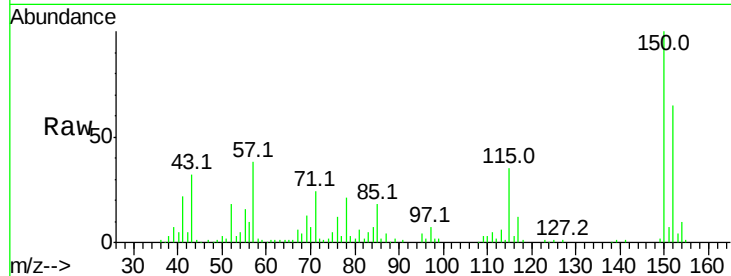


#1

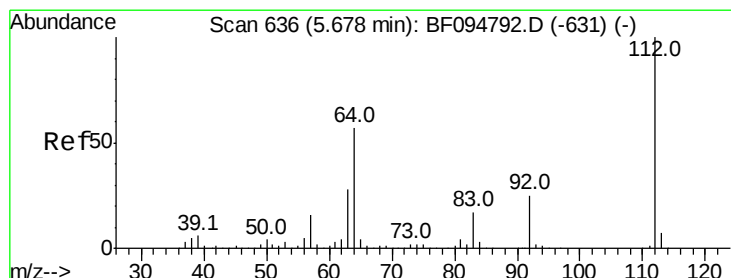
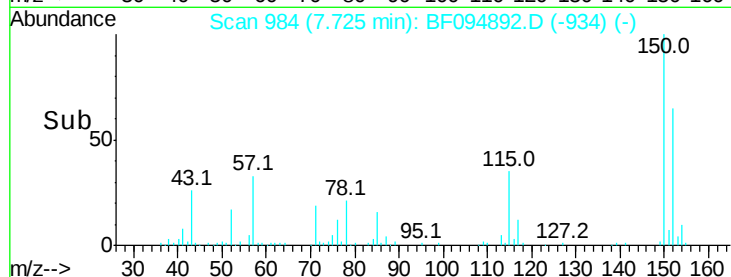
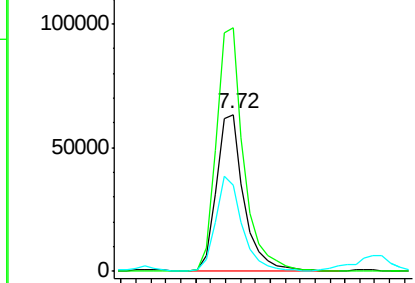
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF094892.D
Acq: 5 May 2017 00:55

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 82257
Ion Ratio Lower Upper
152 100
150 154.9 126.2 189.2
115 54.5 52.2 78.2



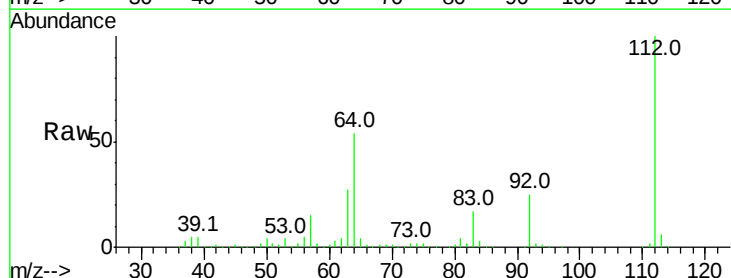
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



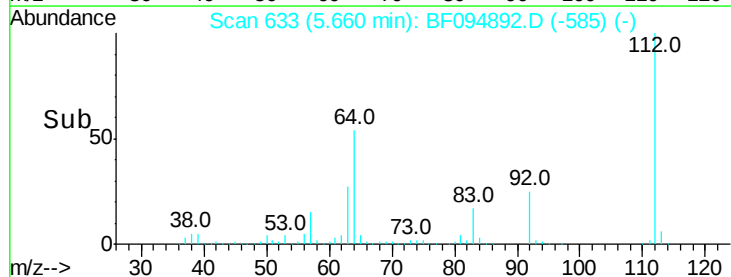
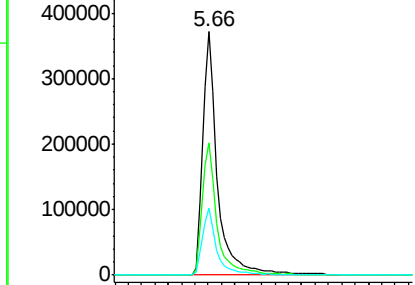
#5

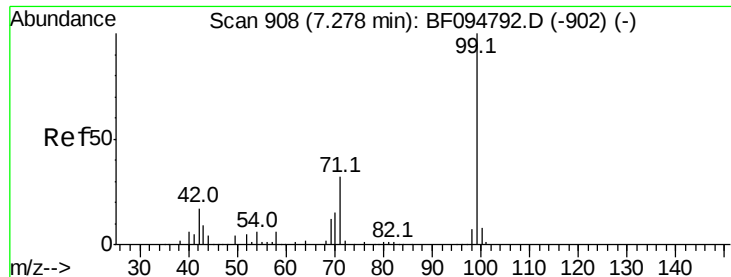
2-Fluorophenol
Concen: 113.68 ng
RT: 5.66 min Scan# 633
Delta R.T. -0.02 min
Lab File: BF094892.D
Acq: 5 May 2017 00:55

Tgt Ion:112 Resp: 560887
Ion Ratio Lower Upper
112 100
64 54.4 46.0 69.0
63 27.5 23.4 35.0



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: 114.70 ng

RT: 7.26 min Scan# 905

Delta R.T. -0.02 min

Lab File: BF094892.D

Acq: 5 May 2017 00:55

Instrument :

BNA_F

ClientSampled :

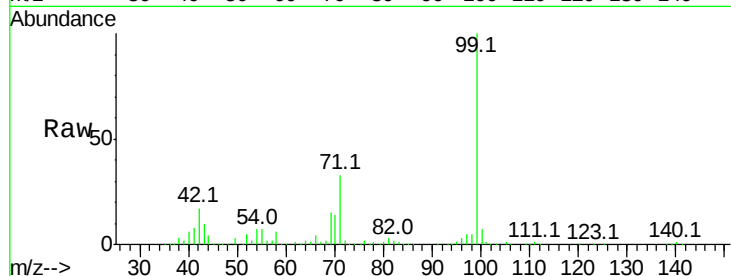
Tot Ion: 99 Resp: 678977

Ion Ratio Lower Upper

99 100

42 16.6 13.5 20.3

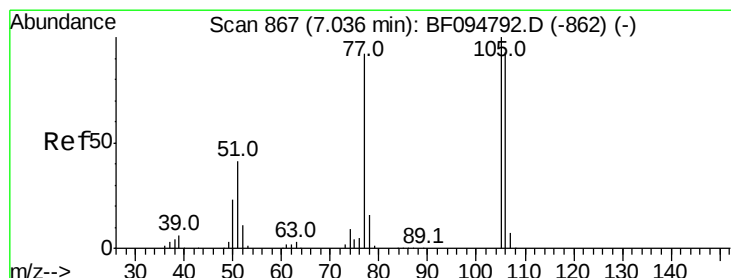
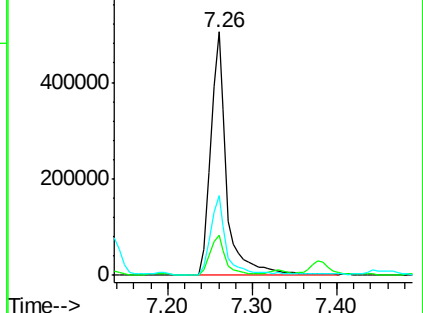
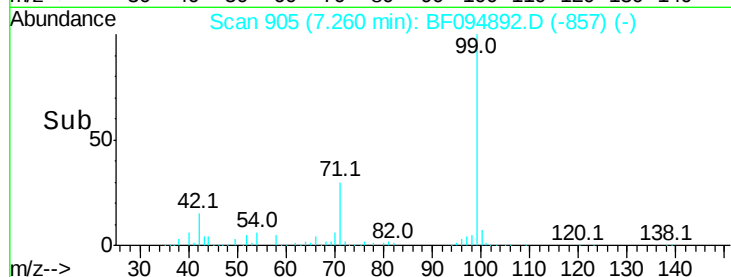
71 32.6 24.5 36.7



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



#9

Benzaldehyde

Concen: 2.36 ng

RT: 7.04 min Scan# 868

Delta R.T. 0.01 min

Lab File: BF094892.D

Acq: 5 May 2017 00:55

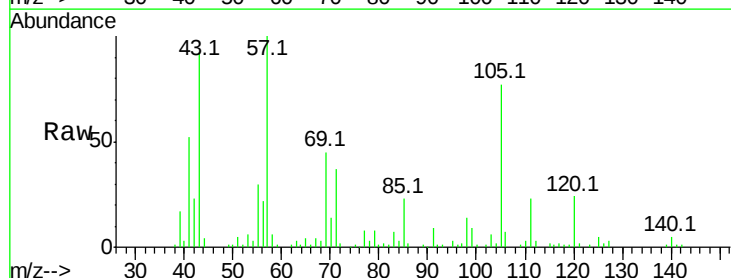
Tgt Ion: 77 Resp: 8516

Ion Ratio Lower Upper

77 100

105 965.2 83.8 123.8#

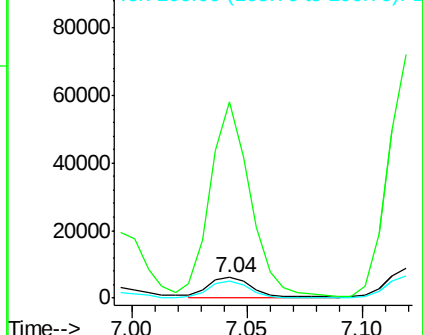
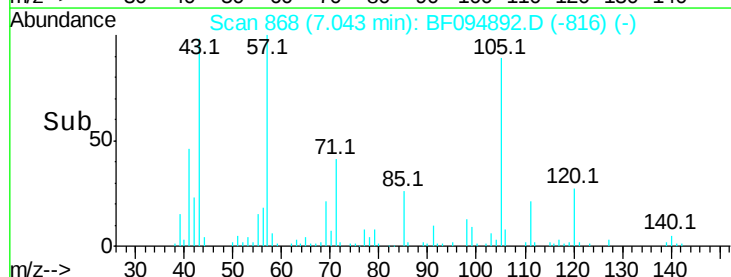
106 83.4 79.1 119.1

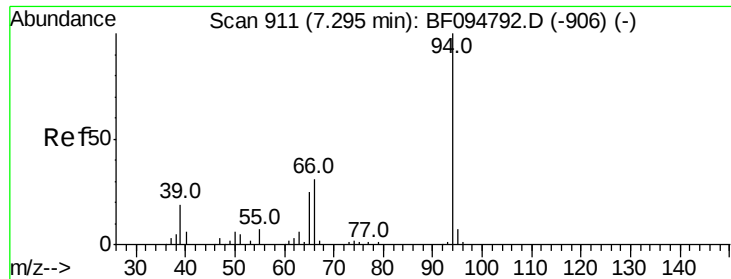


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 2.67 ng

RT: 7.28 min Scan# 908

Delta R.T. -0.02 min

Lab File: BF094892.D

Acq: 5 May 2017 00:55

Instrument :

BNA_F

ClientSampled :

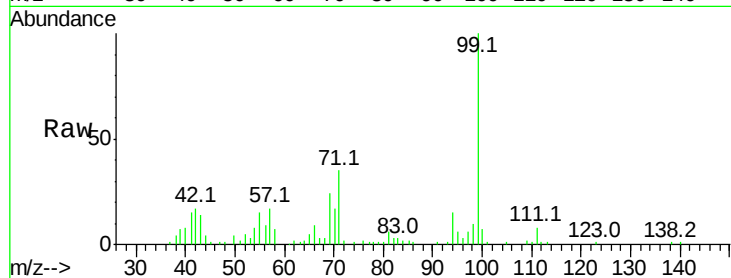
Tot Ion: 94 Resp: 16632

Ion Ratio Lower Upper

94 100

65 31.8 9.9 49.9

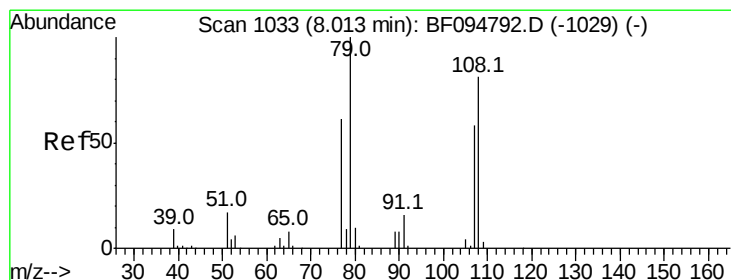
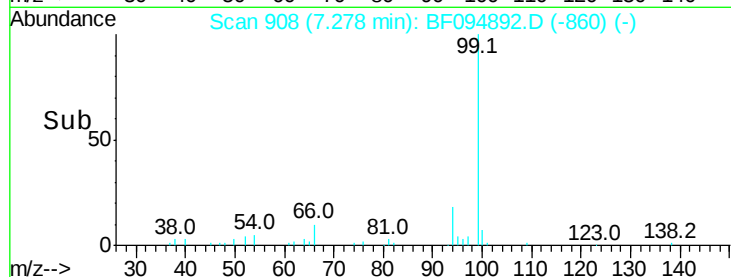
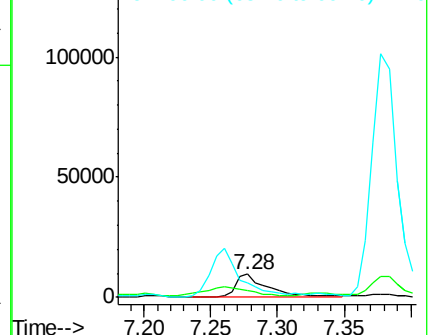
66 61.9 23.1 63.1



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



#15

Benzyl Alcohol

Concen: 3.22 ng

RT: 7.96 min Scan# 1024

Delta R.T. -0.05 min

Lab File: BF094892.D

Acq: 5 May 2017 00:55

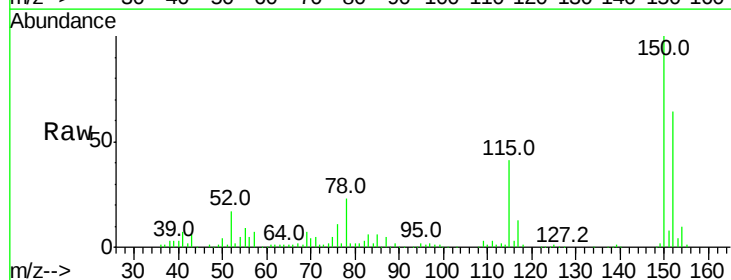
Tgt Ion: 79 Resp: 12270

Ion Ratio Lower Upper

79 100

108 21.2 63.4 95.0#

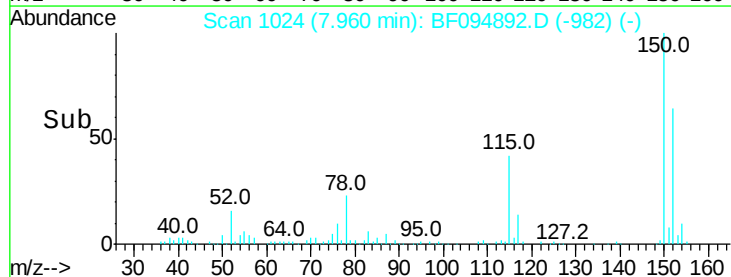
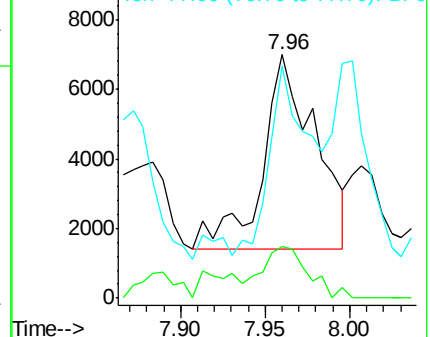
77 95.3 49.2 73.8#

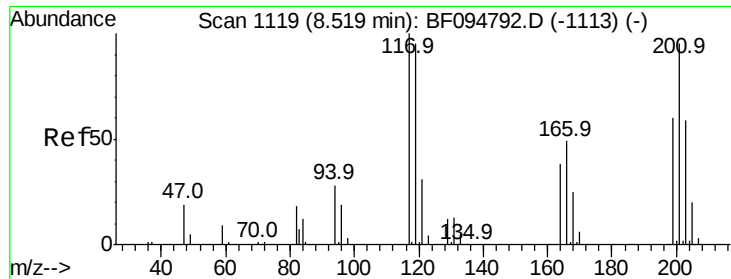


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

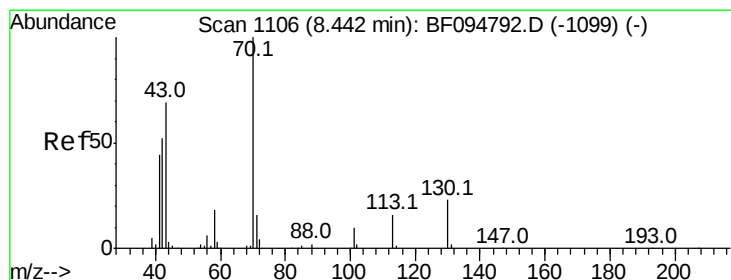
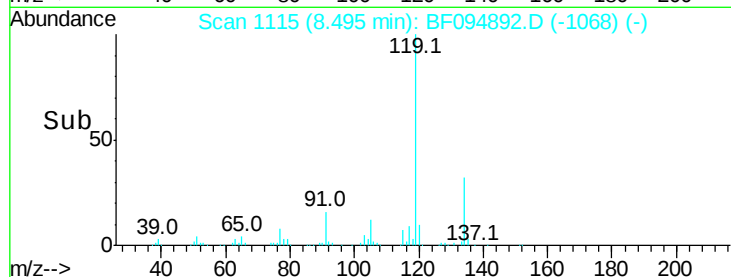
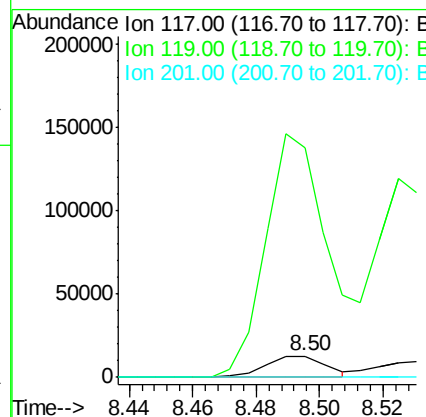
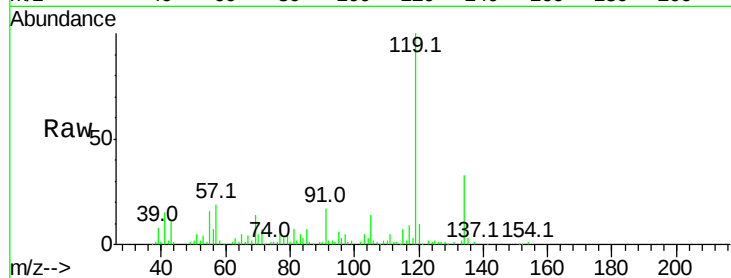




#18
Hexachloroethane
Concen: 7.82 ng
RT: 8.50 min Scan# 1115
Delta R.T. -0.02 min
Lab File: BF094892.D
Acq: 5 May 2017 00:55

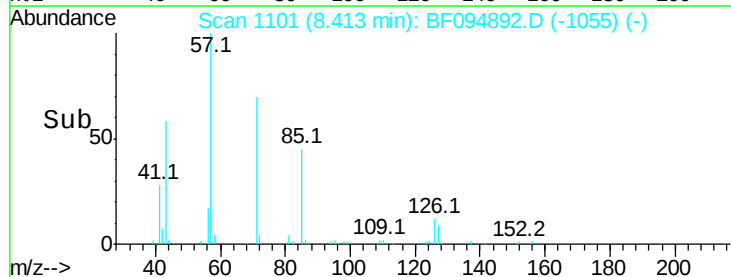
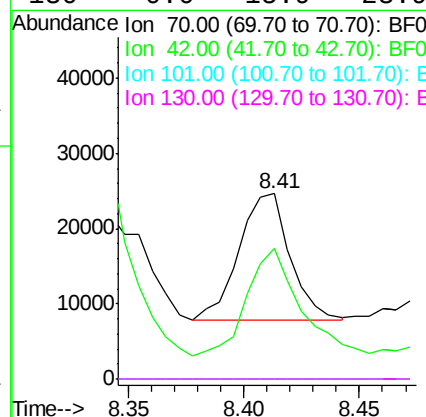
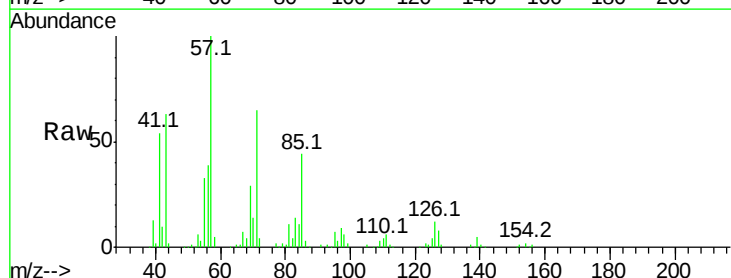
Instrument :
BNA_F
ClientSampleId :

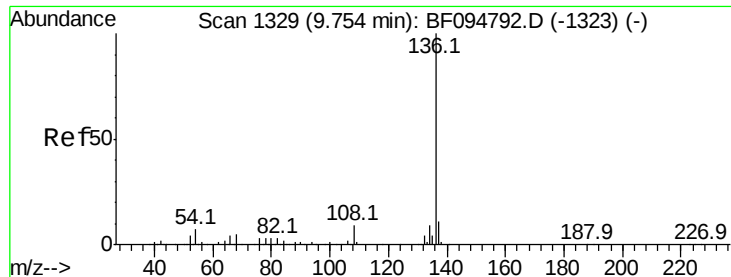
Tot Ion:117 Resp: 17112
Ion Ratio Lower Upper
117 100
119 1067.7 77.4 116.0#
201 0.0 94.6 141.8#



#19
n-Nitroso-di-n-propylamine
Concen: 6.55 ng
RT: 8.41 min Scan# 1101
Delta R.T. -0.03 min
Lab File: BF094892.D
Acq: 5 May 2017 00:55

Tgt Ion: 70 Resp: 26231
Ion Ratio Lower Upper
70 100
42 70.6 47.2 70.8
101 0.0 7.2 10.8#
130 0.0 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.75 min Scan# 1329

Delta R.T. 0.00 min

Lab File: BF094892.D

Acq: 5 May 2017 00:55

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 269134

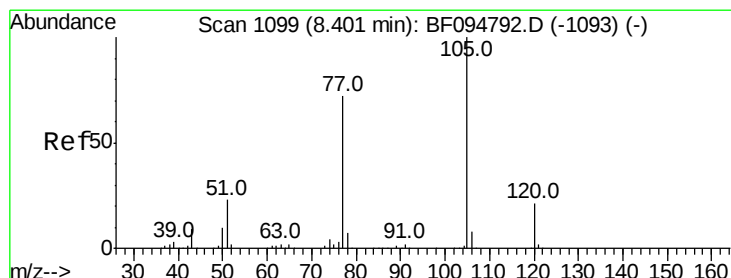
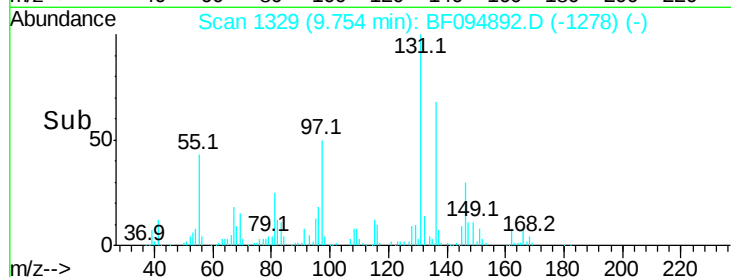
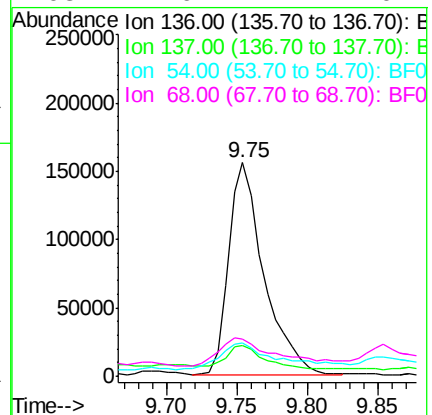
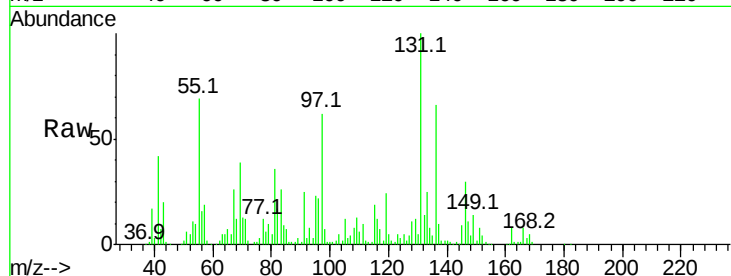
Ion Ratio Lower Upper

136 100

137 14.5 8.5 12.7#

54 15.7 4.9 7.3#

68 17.6 4.1 6.1#



#22

Acetophenone

Concen: 12.45 ng

RT: 8.37 min Scan# 1093

Delta R.T. -0.04 min

Lab File: BF094892.D

Acq: 5 May 2017 00:55

Tgt Ion:105 Resp: 80382

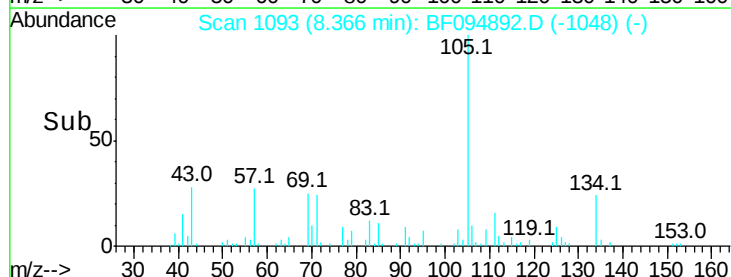
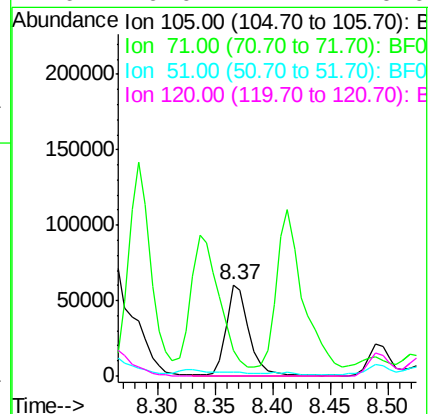
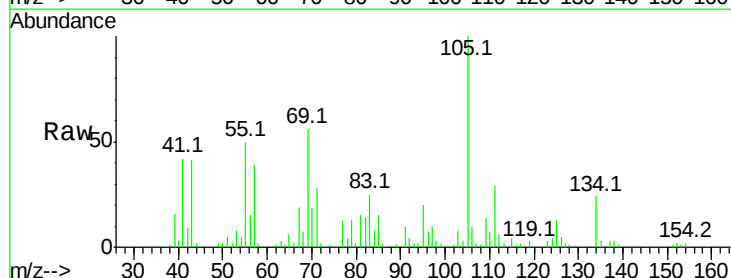
Ion Ratio Lower Upper

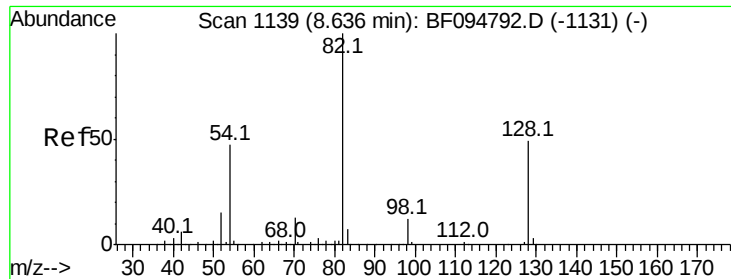
105 100

71 27.9 2.8 4.2#

51 4.8 30.7 46.1#

120 0.0 17.4 26.0#

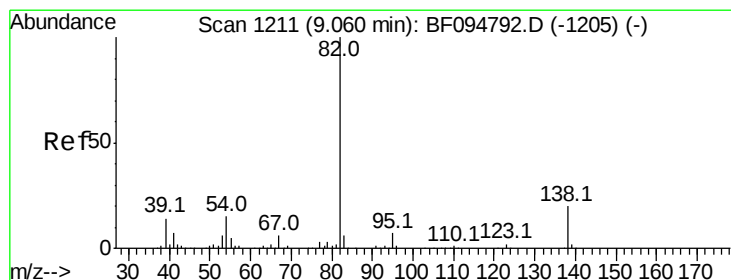
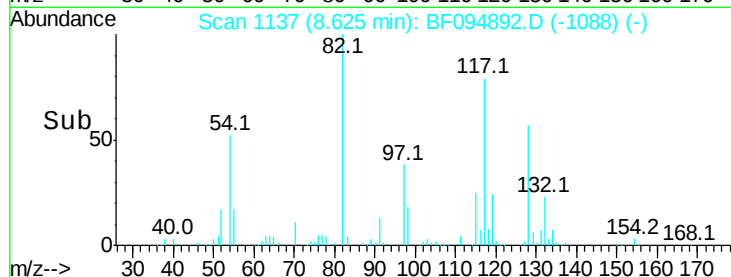
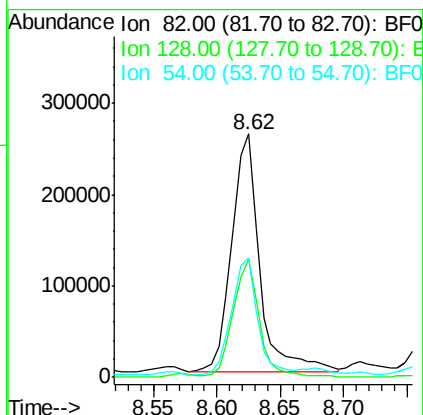
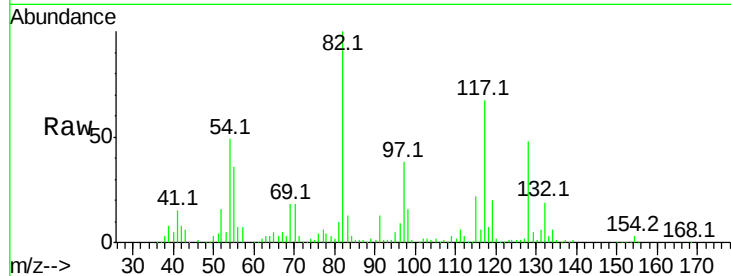




#23
Nitrobenzene-d5
Concen: 93.78 ng
RT: 8.62 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BF094892.D
Acq: 5 May 2017 00:55

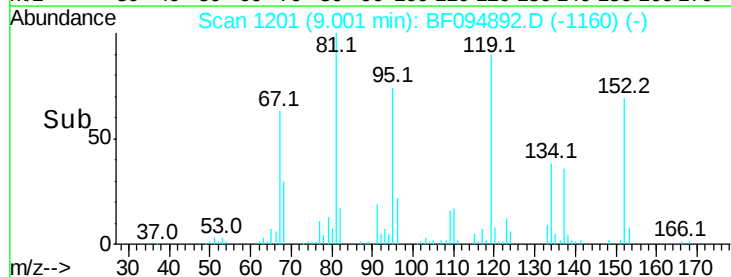
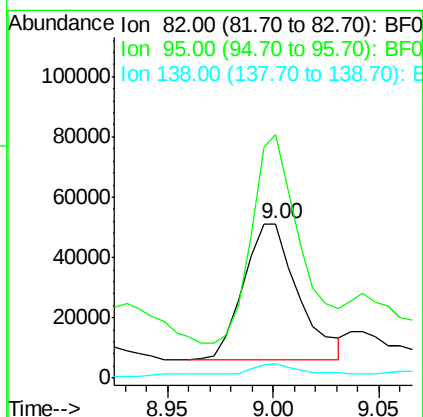
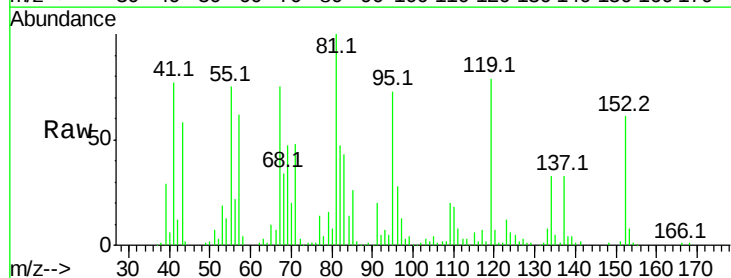
Instrument :
BNA_F
ClientSampleId :

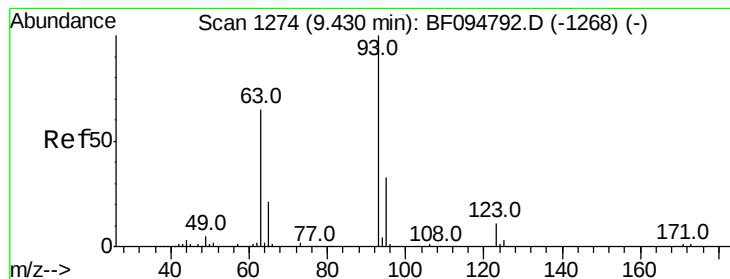
Tot Ion: 82 Resp: 400269
Ion Ratio Lower Upper
82 100
128 48.3 34.0 51.0
54 49.0 42.2 63.2



#25
Isophorone
Concen: 10.70 ng
RT: 9.00 min Scan# 1201
Delta R.T. -0.06 min
Lab File: BF094892.D
Acq: 5 May 2017 00:55

Tgt Ion: 82 Resp: 81545
Ion Ratio Lower Upper
82 100
95 157.7 5.3 7.9#
138 9.2 13.1 19.7#





#28

bis(2-Chloroethoxy)methane

Concen: 2.32 ng

RT: 9.43 min Scan# 1274

Delta R.T. 0.00 min

Lab File: BF094892.D

Acq: 5 May 2017 00:55

Instrument :

BNA_F

ClientSampleId :

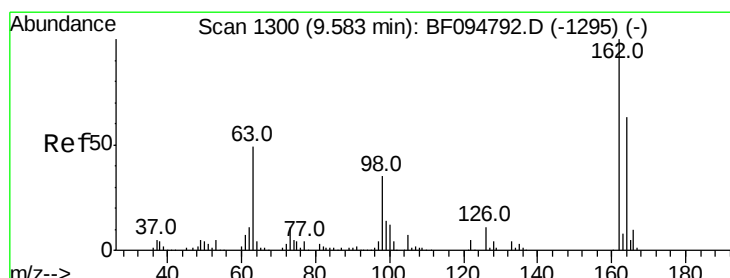
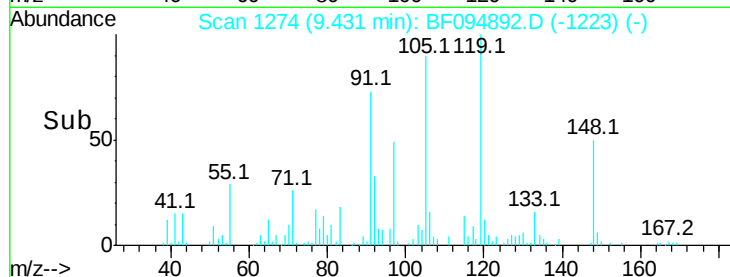
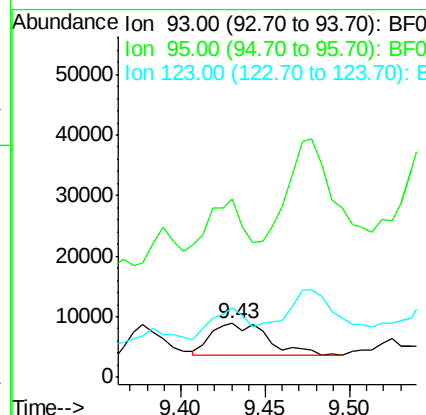
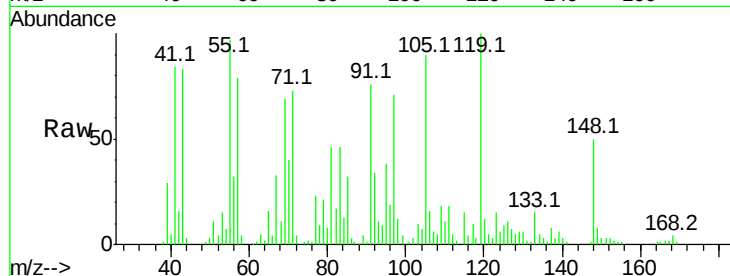
Tot Ion: 93 Resp: 12249

Ion Ratio Lower Upper

93 100

95 332.2 26.5 39.7#

123 128.4 9.0 13.4#



#29

2,4-Dichlorophenol

Concen: 3.10 ng

RT: 9.57 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BF094892.D

Acq: 5 May 2017 00:55

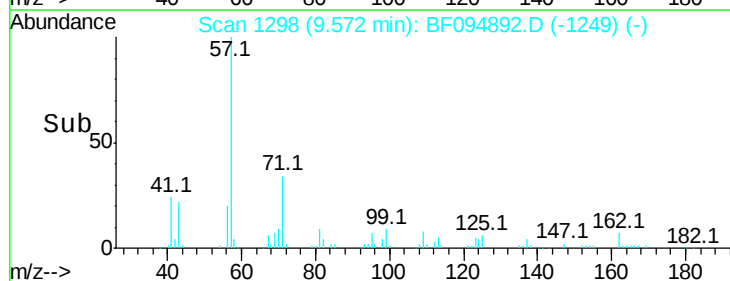
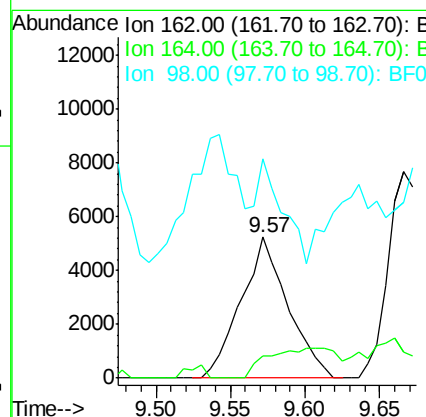
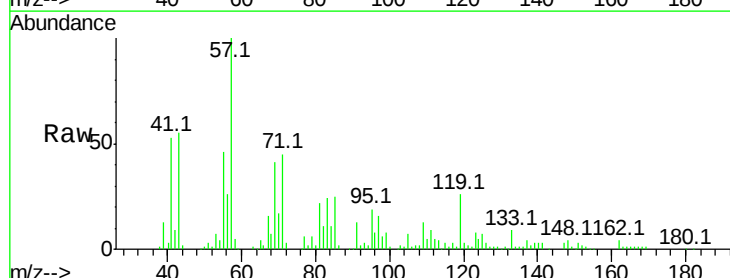
Tgt Ion: 162 Resp: 11413

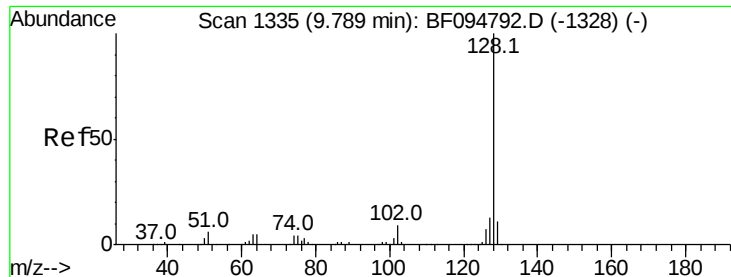
Ion Ratio Lower Upper

162 100

164 15.4 44.6 84.6#

98 155.8 14.8 54.8#

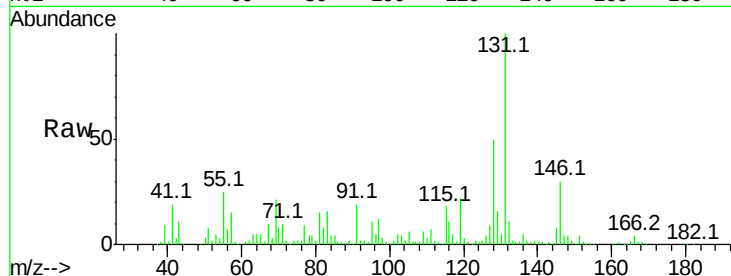




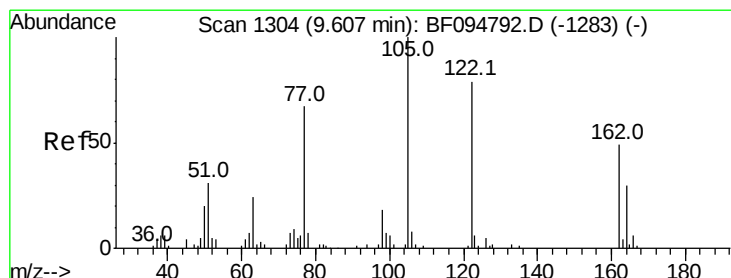
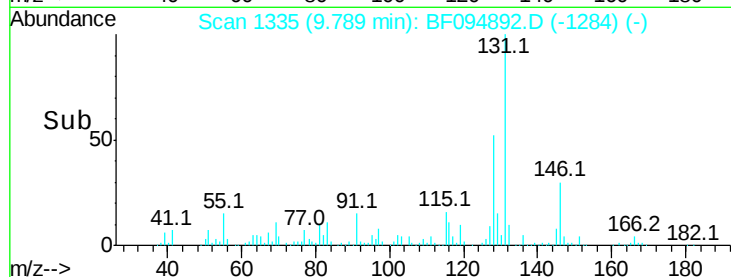
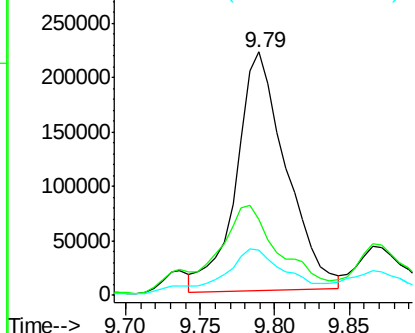
#31
Naphthalene
Concen: 37.85 ng
RT: 9.79 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BF094892.D
Acq: 5 May 2017 00:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 512048
Ion Ratio Lower Upper
128 100
129 31.1 9.0 13.6#
127 18.6 10.8 16.2#

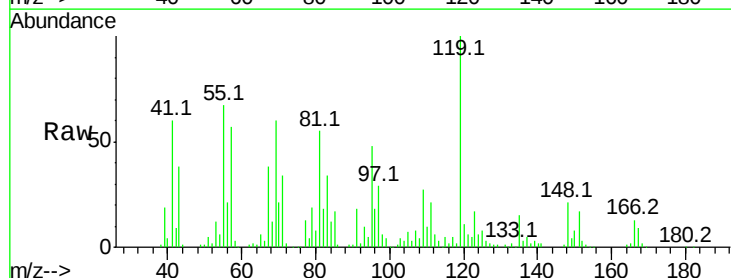


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

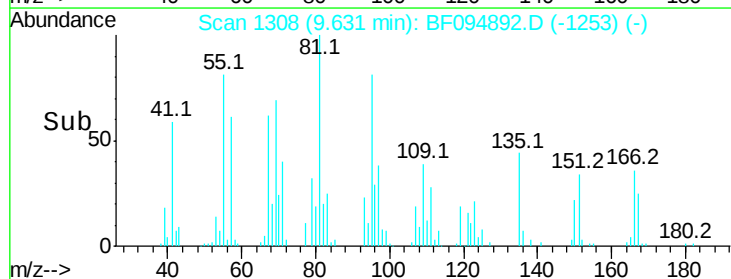
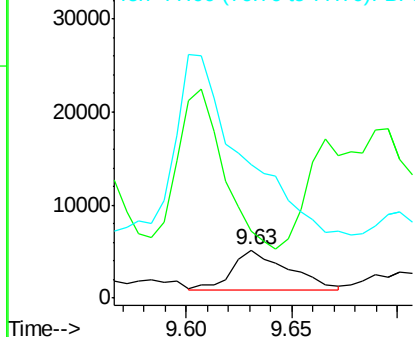


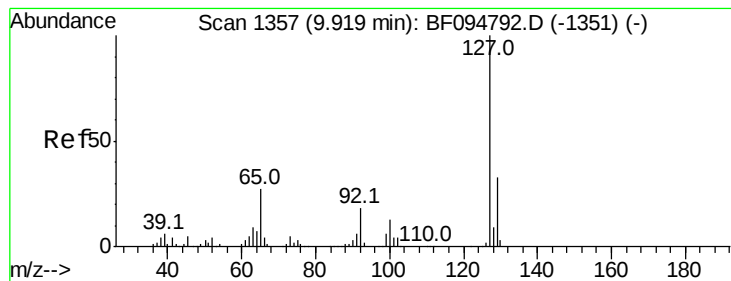
#32
Benzoic acid
Concen: 7.81 ng
RT: 9.63 min Scan# 1308
Delta R.T. 0.02 min
Lab File: BF094892.D
Acq: 5 May 2017 00:55

Tgt Ion:122 Resp: 7807
Ion Ratio Lower Upper
122 100
105 140.7 103.3 143.3
77 277.6 73.7 113.7#



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): BF0





#33

4-Chloroaniline

Concen: 9.65 ng

RT: 9.87 min Scan# 1348

Delta R.T. -0.05 min

Lab File: BF094892.D

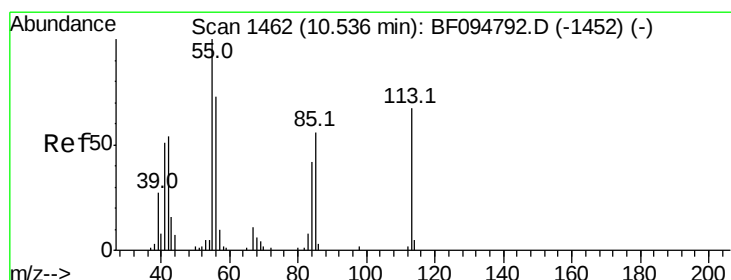
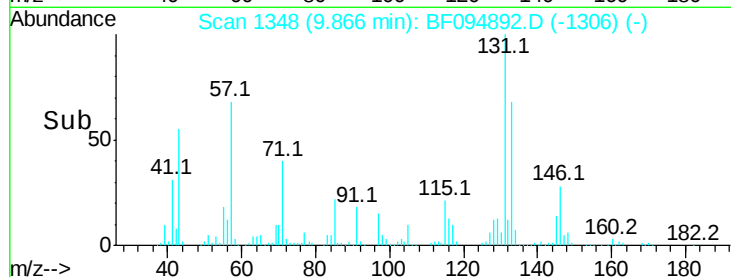
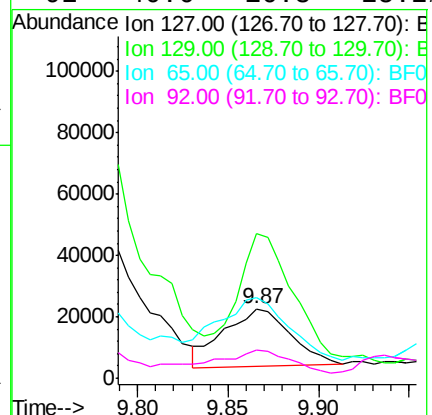
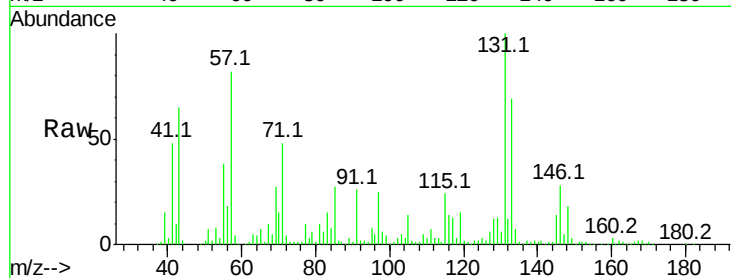
Acq: 5 May 2017 00:55

Instrument :

BNA_F

ClientSampled :

Tot Ion:127	Resp:	48629
Ion Ratio	Lower	Upper
127	100	
129	209.5	26.2 39.2#
65	116.1	27.8 41.8#
92	40.6	16.8 25.2#



#35

Caprolactam

Concen: 17.07 ng

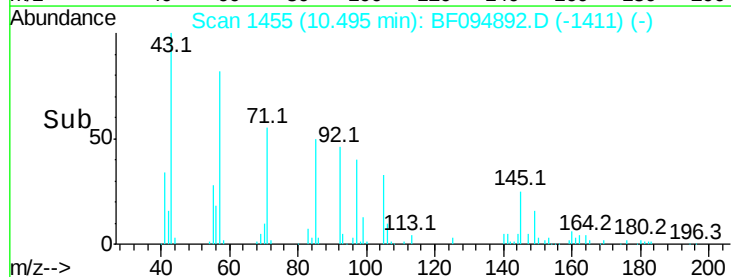
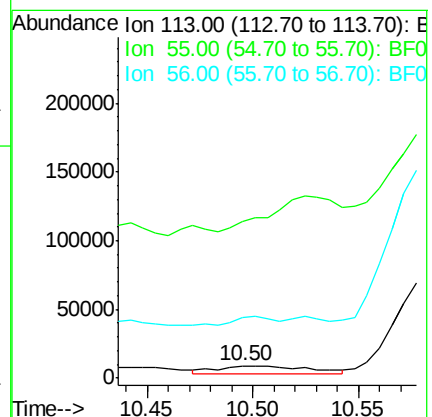
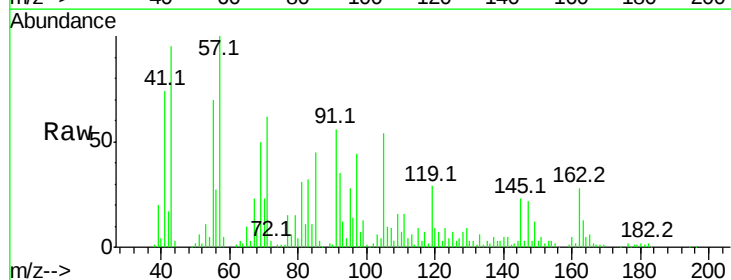
RT: 10.50 min Scan# 1455

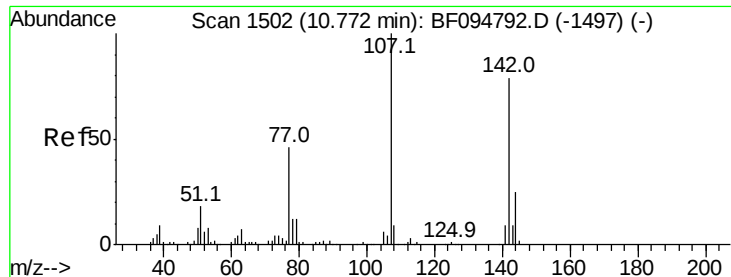
Delta R.T. -0.04 min

Lab File: BF094892.D

Acq: 5 May 2017 00:55

Tgt Ion:113	Resp:	18889
Ion Ratio	Lower	Upper
113	100	
55	1251.6	150.2 190.2#
56	480.4	107.8 147.8#

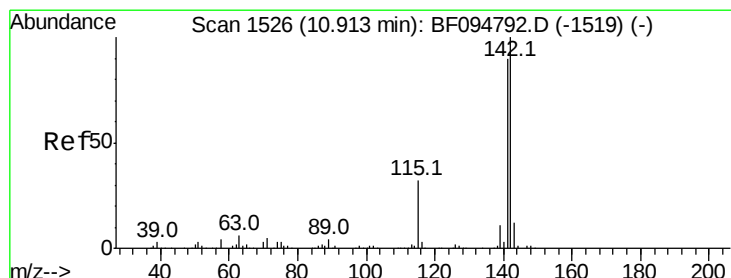
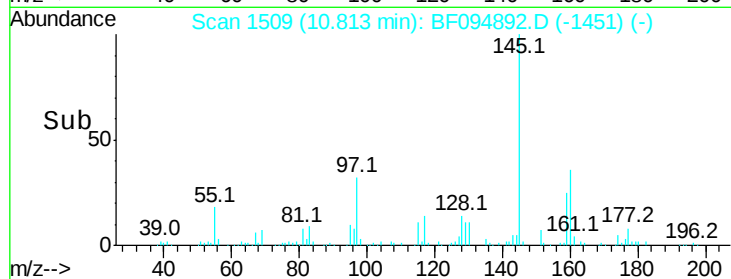
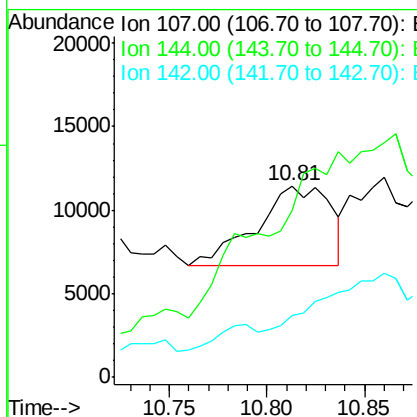
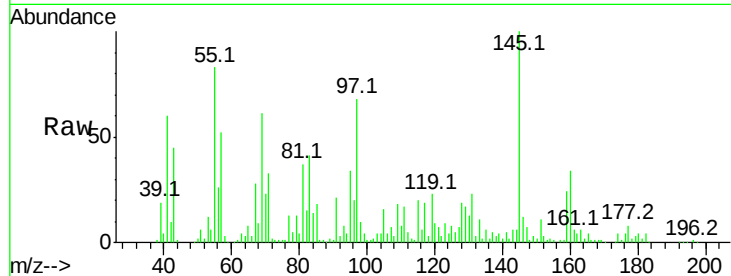




#36
 4-Chloro-3-methylphenol
 Concen: 3.24 ng
 RT: 10.81 min Scan# 1509
 Delta R.T. 0.04 min
 Lab File: BF094892.D
 Acq: 5 May 2017 00:55

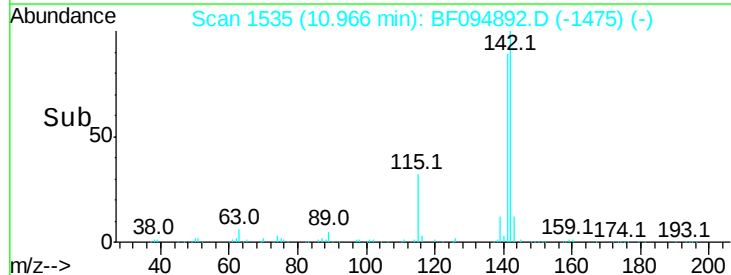
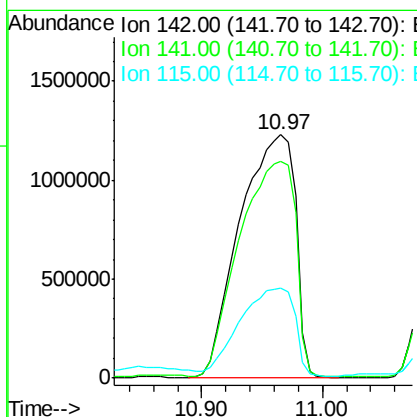
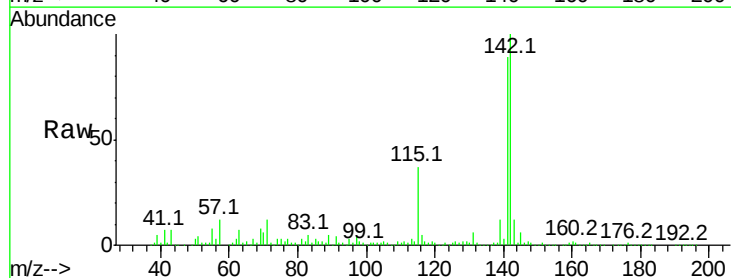
Instrument :
 BNA_F
 ClientSampled :

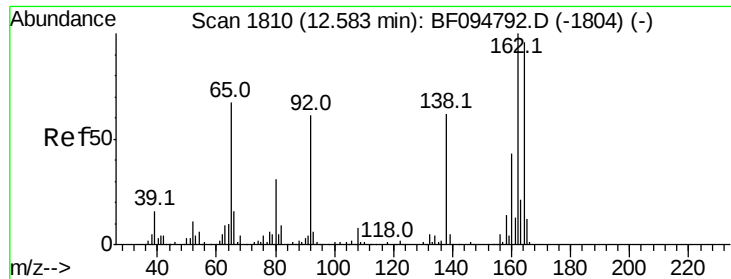
Tot Ion:107 Resp: 12764
 Ion Ratio Lower Upper
 107 100
 144 87.1 24.2 36.4#
 142 32.2 73.4 110.0#



#37
 2-Methylnaphthalene
 Concen: 440.36 ng
 RT: 10.97 min Scan# 1535
 Delta R.T. 0.05 min
 Lab File: BF094892.D
 Acq: 5 May 2017 00:55

Tgt Ion:142 Resp: 3909277
 Ion Ratio Lower Upper
 142 100
 141 89.2 71.3 106.9
 115 37.0 27.1 40.7





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.64 min Scan# 1819

Delta R.T. 0.05 min

Lab File: BF094892.D

Acq: 5 May 2017 00:55

Instrument :

BNA_F

ClientSampleId :

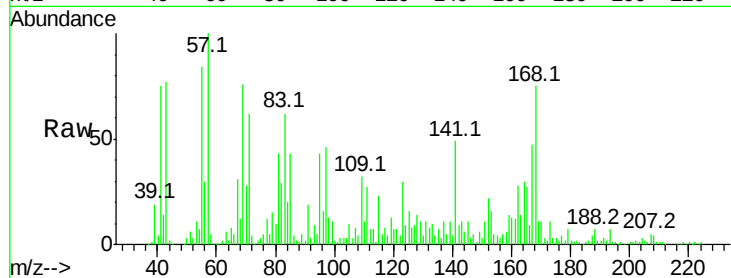
Tot Ion:164 Resp: 116175

Ion Ratio Lower Upper

164 100

162 93.3 82.6 123.8

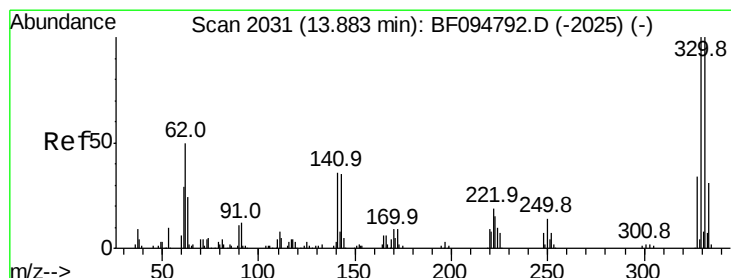
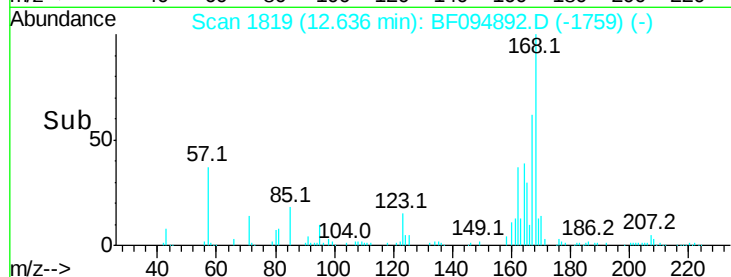
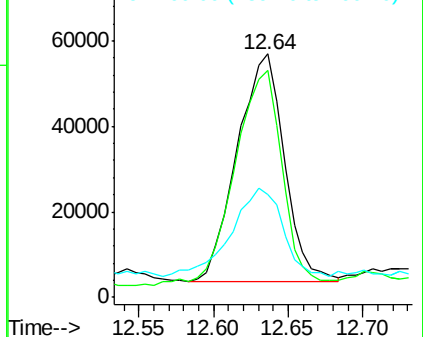
160 42.3 36.2 54.2



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: 104.80 ng

RT: 13.95 min Scan# 2042

Delta R.T. 0.06 min

Lab File: BF094892.D

Acq: 5 May 2017 00:55

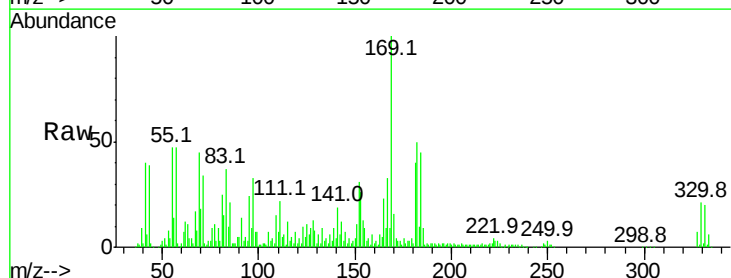
Tgt Ion:330 Resp: 99711

Ion Ratio Lower Upper

330 100

332 95.2 76.6 115.0

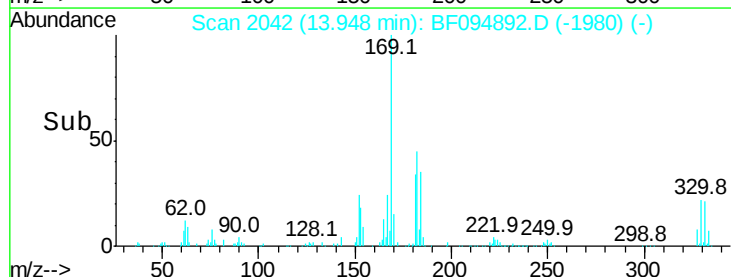
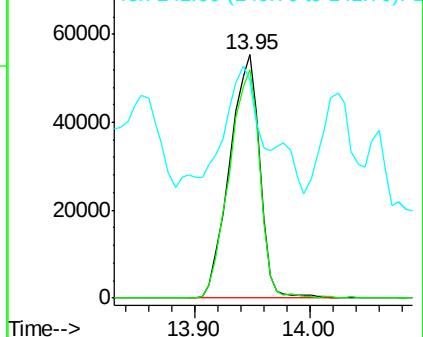
141 45.3 31.4 47.2

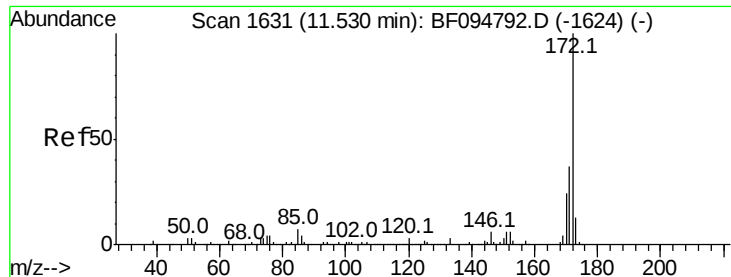


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

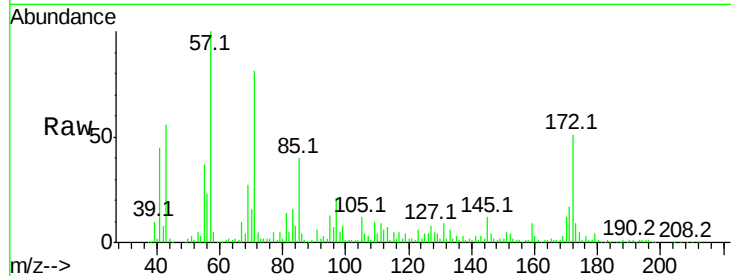




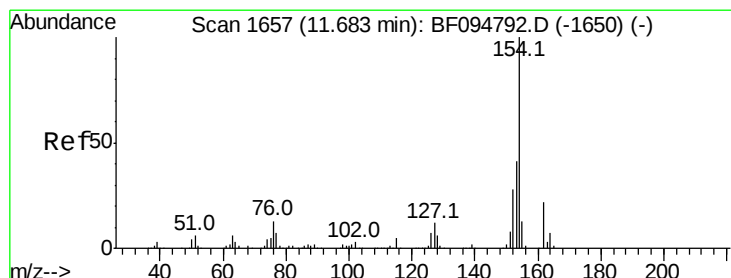
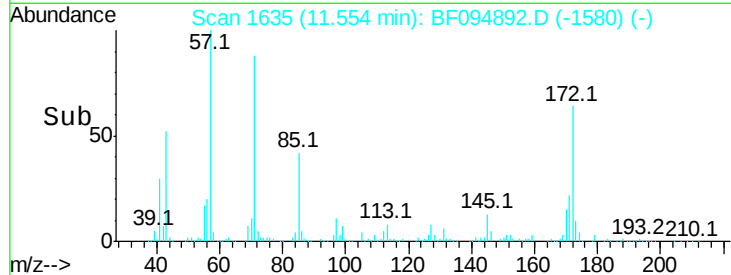
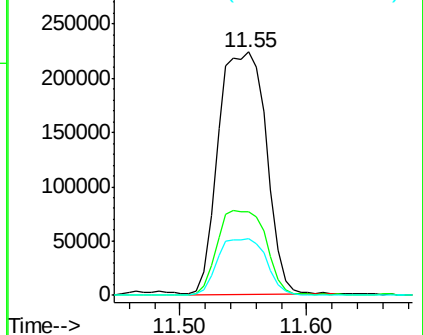
#44
2-Fluorobiphenyl
Concen: 72.24 ng
RT: 11.55 min Scan# 1635
Delta R.T. 0.02 min
Lab File: BF094892.D
Acq: 5 May 2017 00:55

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 583104
Ion Ratio Lower Upper
172 100
171 34.3 29.6 44.4
170 23.2 19.8 29.8

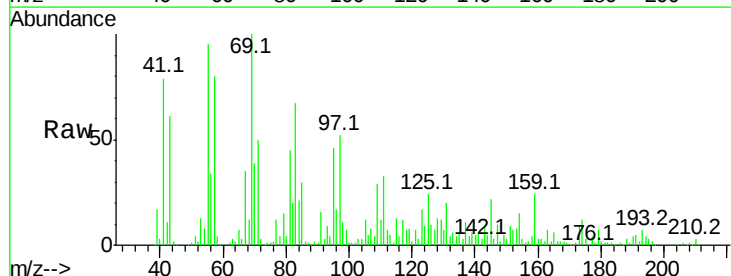


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

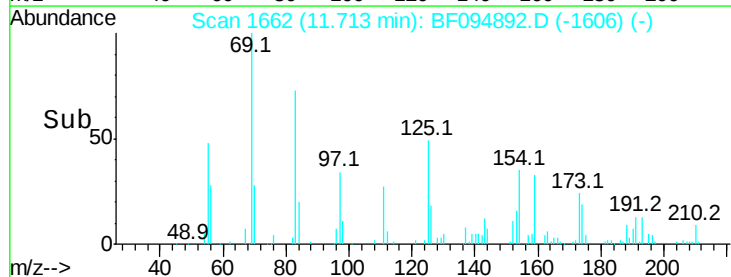
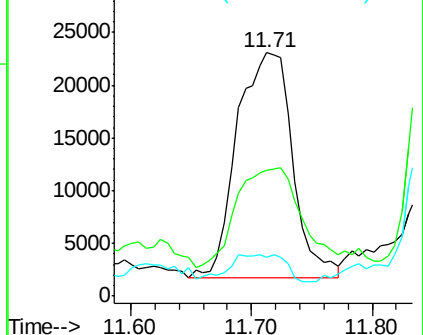


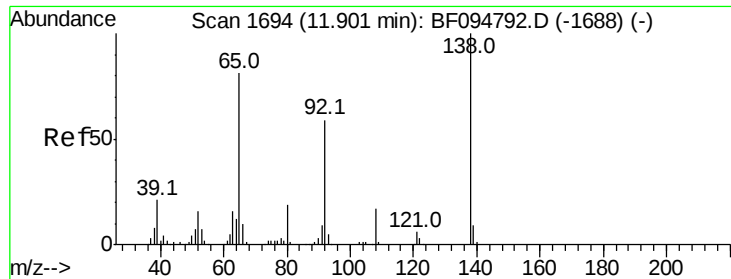
#45
1,1'-Biphenyl
Concen: 6.99 ng
RT: 11.71 min Scan# 1662
Delta R.T. 0.03 min
Lab File: BF094892.D
Acq: 5 May 2017 00:55

Tgt Ion:154 Resp: 68339
Ion Ratio Lower Upper
154 100
153 51.6 21.2 61.2
76 15.9 0.0 29.9



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): BF0





#47

2-Nitroaniline

Concen: 8.52 ng

RT: 11.99 min Scan# 1709

Delta R.T. 0.09 min

Lab File: BF094892.D

Acq: 5 May 2017 00:55

Instrument :

BNA_F

ClientSampleId :

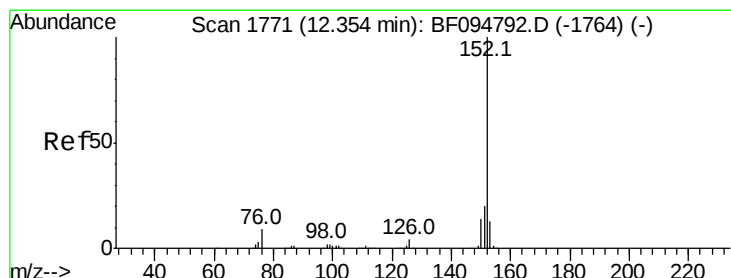
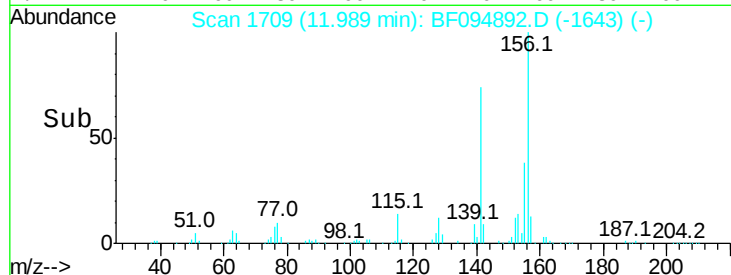
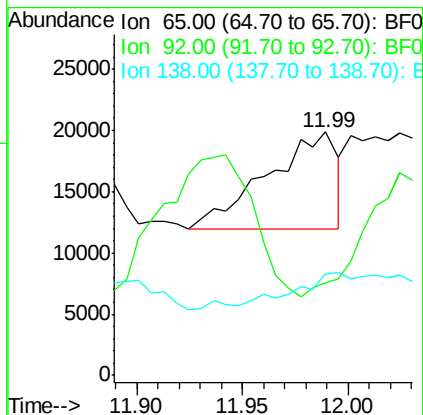
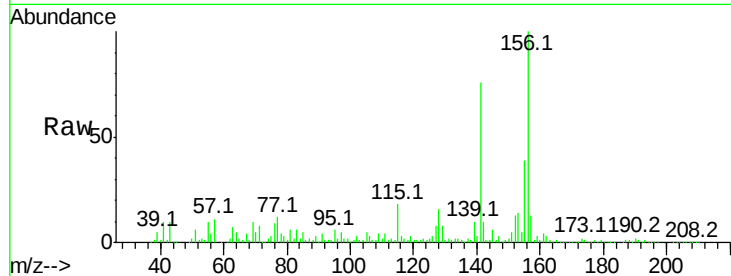
Tot Ion: 65 Resp: 18424

Ion Ratio Lower Upper

65 100

92 37.9 53.9 80.9#

138 41.7 78.8 118.2#



#48

Acenaphthylene

Concen: 10.11 ng

RT: 12.42 min Scan# 1783

Delta R.T. 0.07 min

Lab File: BF094892.D

Acq: 5 May 2017 00:55

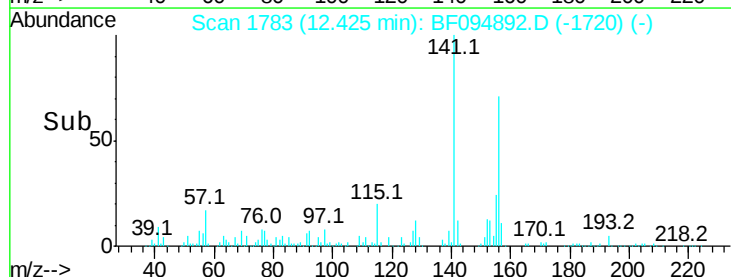
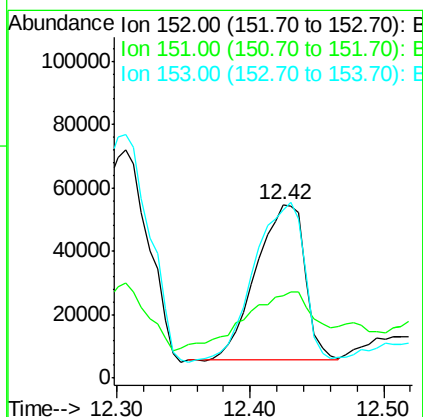
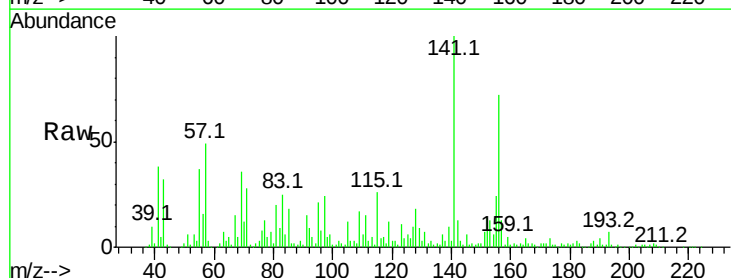
Tgt Ion: 152 Resp: 125022

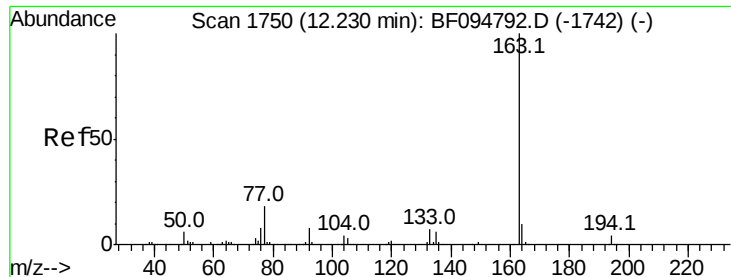
Ion Ratio Lower Upper

152 100

151 47.2 16.8 25.2#

153 96.7 10.8 16.2#





#49

Dimethylphthalate

Concen: 17.09 ng

RT: 12.25 min Scan# 1753

Delta R.T. 0.02 min

Lab File: BF094892.D

Acq: 5 May 2017 00:55

Instrument :

BNA_F

ClientSampleId :

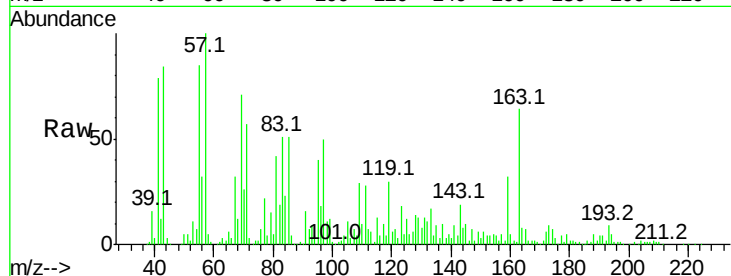
Tot Ion:163 Resp: 162977

Ion Ratio Lower Upper

163 100

194 8.1 2.6 4.0#

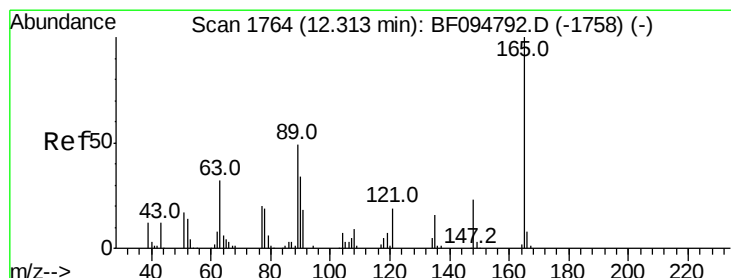
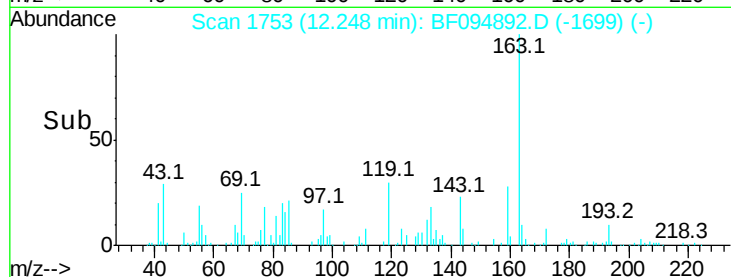
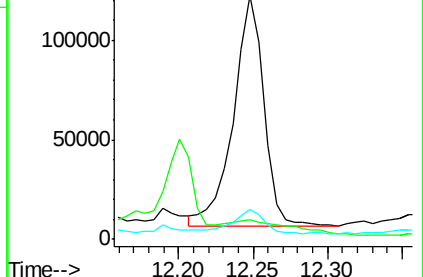
164 12.2 8.4 12.6



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



#50

2,6-Dinitrotoluene

Concen: 3.83 ng

RT: 12.36 min Scan# 1772

Delta R.T. 0.05 min

Lab File: BF094892.D

Acq: 5 May 2017 00:55

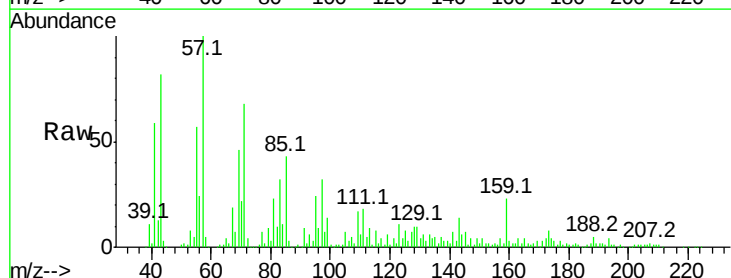
Tgt Ion:165 Resp: 7448

Ion Ratio Lower Upper

165 100

63 28.4 34.3 51.5#

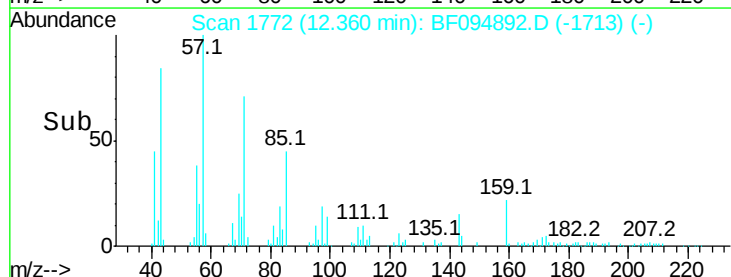
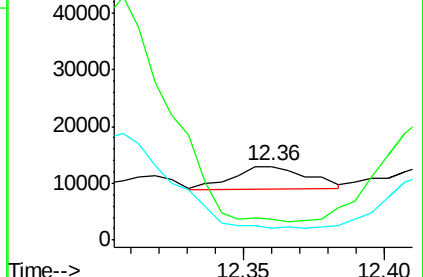
89 17.0 37.1 55.7#

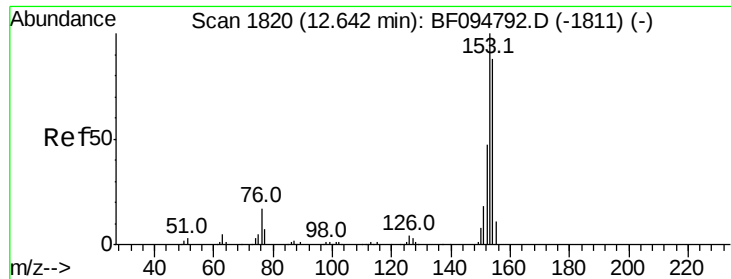


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 23.83 ng

RT: 12.69 min Scan# 1828

Delta R.T. 0.05 min

Lab File: BF094892.D

Acq: 5 May 2017 00:55

Instrument :

BNA_F

ClientSampleId :

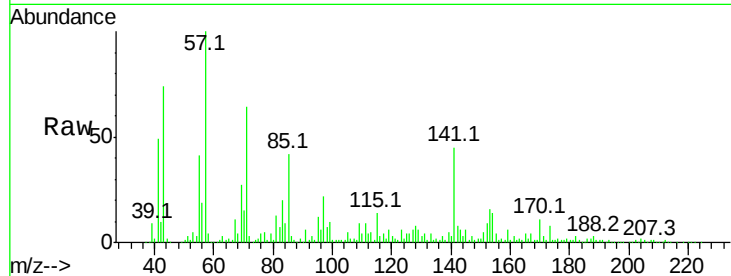
Tot Ion:154 Resp: 176109

Ion Ratio Lower Upper

154 100

153 114.5 90.5 135.7

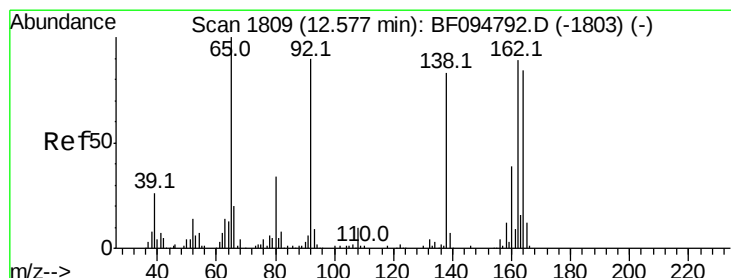
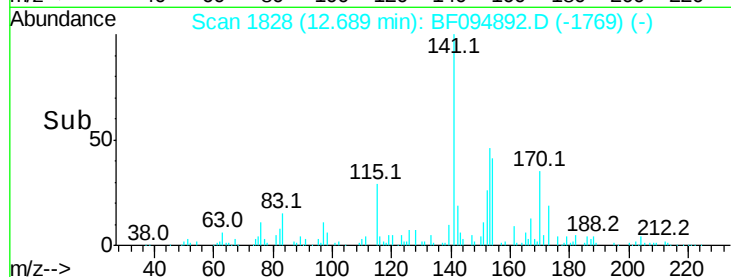
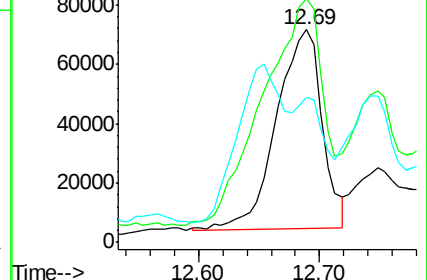
152 68.0 43.6 65.4#



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



#52

3-Nitroaniline

Concen: 5.01 ng

RT: 12.61 min Scan# 1815

Delta R.T. 0.04 min

Lab File: BF094892.D

Acq: 5 May 2017 00:55

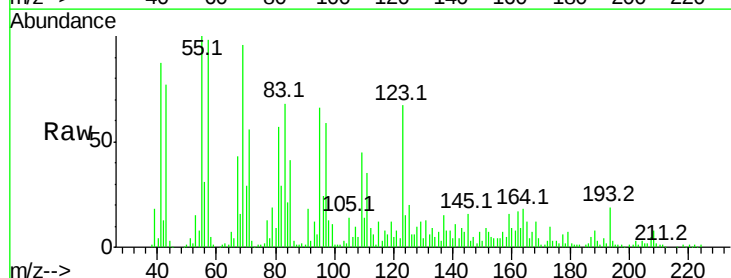
Tgt Ion:138 Resp: 10468

Ion Ratio Lower Upper

138 100

108 65.0 9.1 13.7#

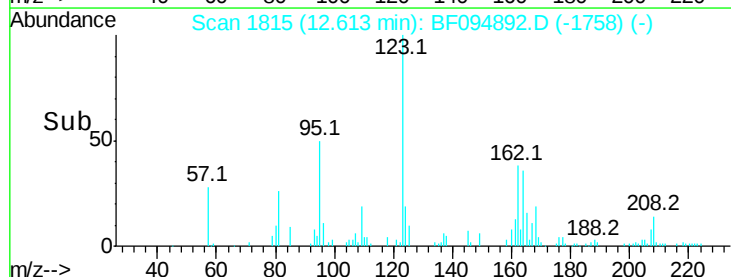
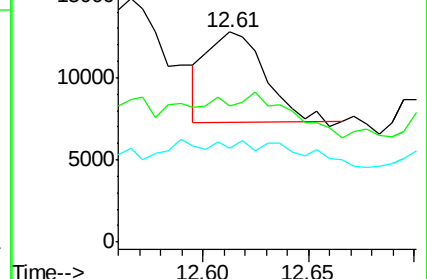
92 44.4 93.8 140.6#

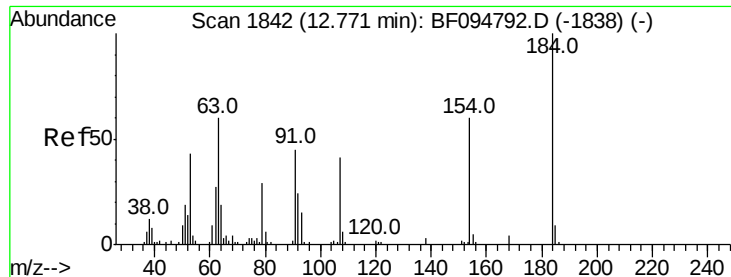


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

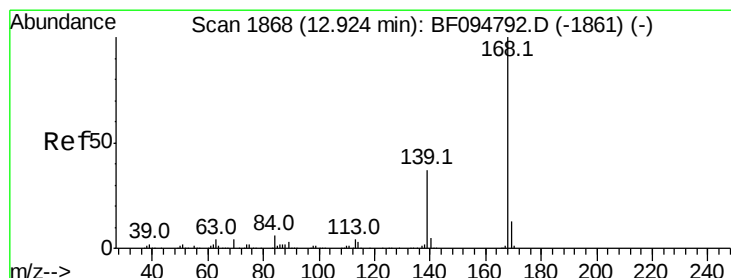
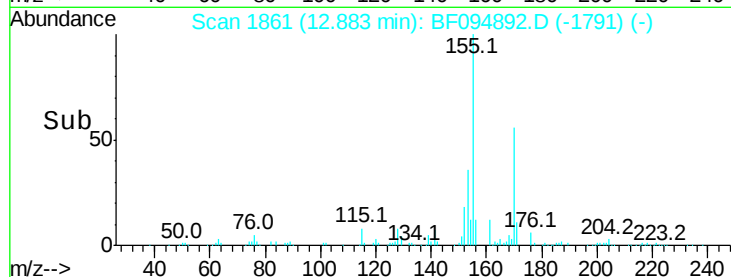
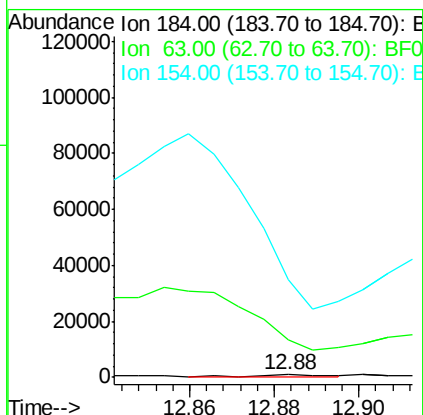
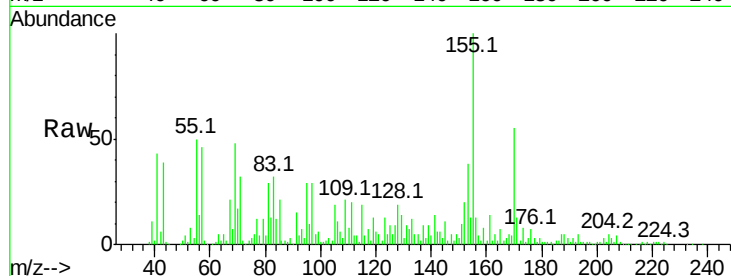




#53
 2,4-Dinitrophenol
 Concen: 6.74 ng
 RT: 12.88 min Scan# 1861
 Delta R.T. 0.11 min
 Lab File: BF094892.D
 Acq: 5 May 2017 00:55

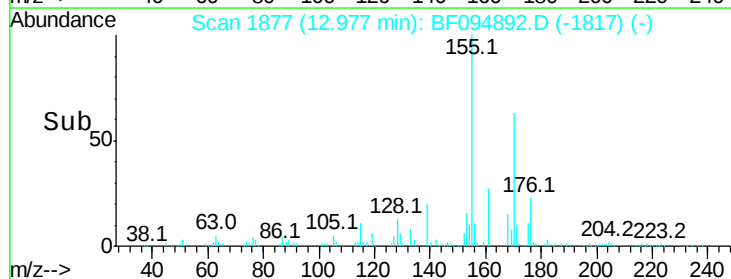
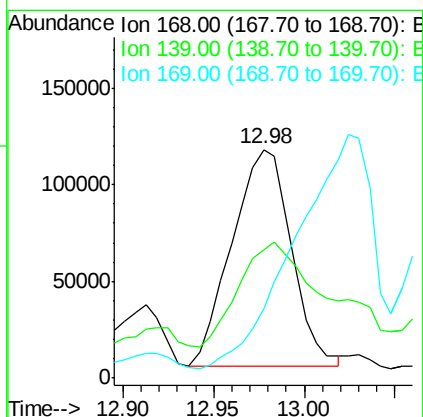
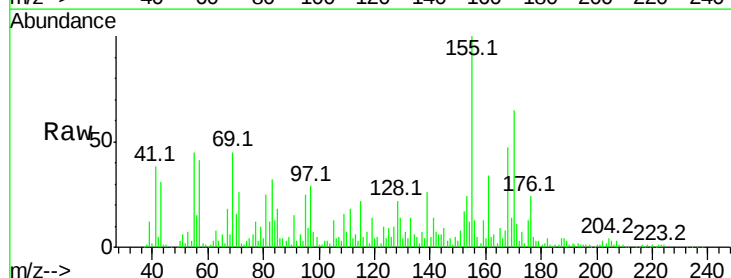
Instrument :
 BNA_F
 ClientSampled :

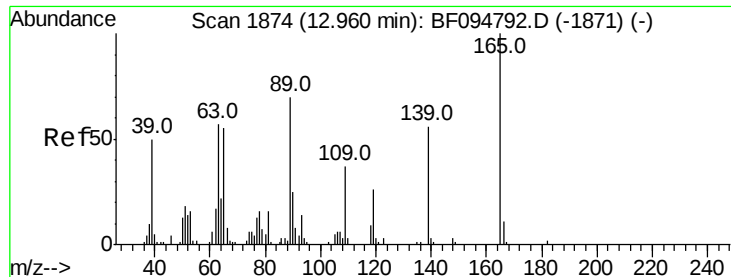
Tot Ion:184 Resp: 578
 Ion Ratio Lower Upper
 184 100
 63 1448.6 62.7 94.1#
 154 3832.3 81.1 121.7#



#54
 Dibenzofuran
 Concen: 24.73 ng
 RT: 12.98 min Scan# 1877
 Delta R.T. 0.05 min
 Lab File: BF094892.D
 Acq: 5 May 2017 00:55

Tgt Ion:168 Resp: 252882
 Ion Ratio Lower Upper
 168 100
 139 55.9 30.6 45.8#
 169 30.7 10.8 16.2#

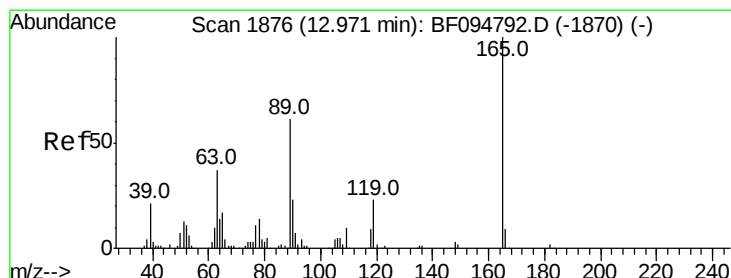
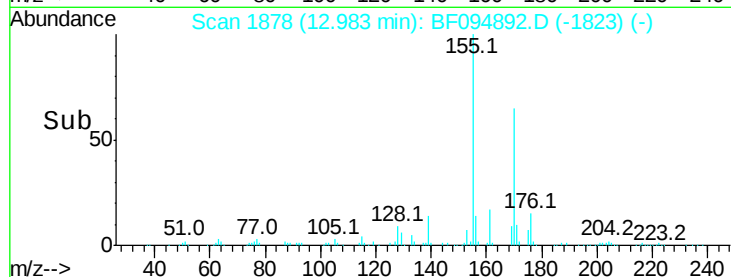
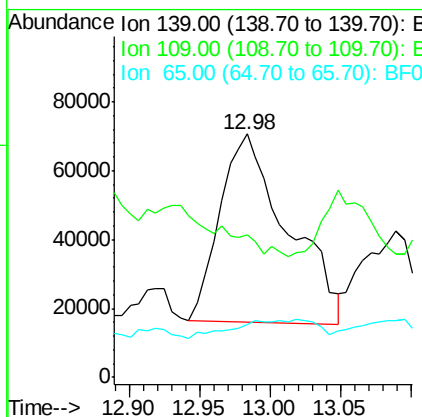
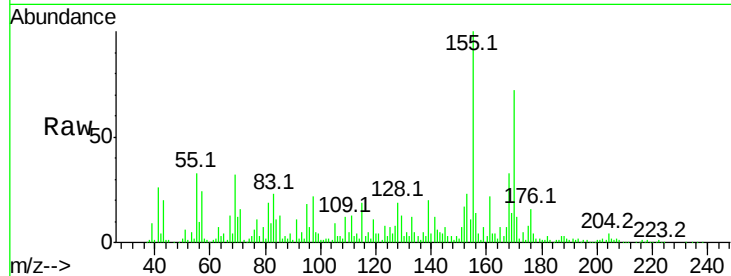




#55
4-Nitrophenol
Concen: 145.89 ng
RT: 12.98 min Scan# 1878
Delta R.T. 0.02 min
Lab File: BF094892.D
Acq: 5 May 2017 00:55

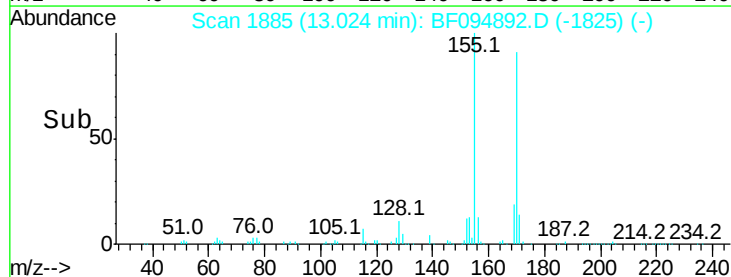
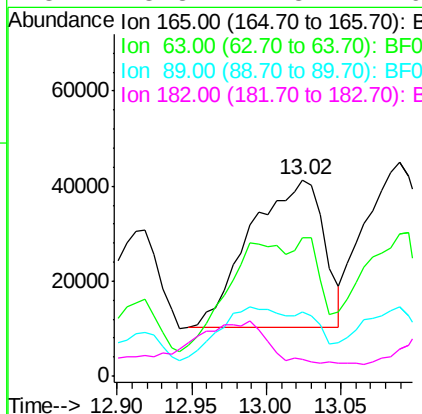
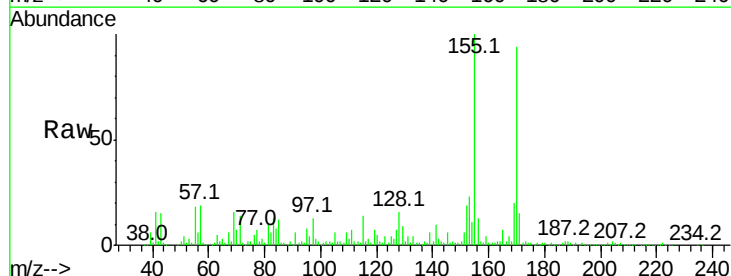
Instrument :
BNA_F
ClientSampled :

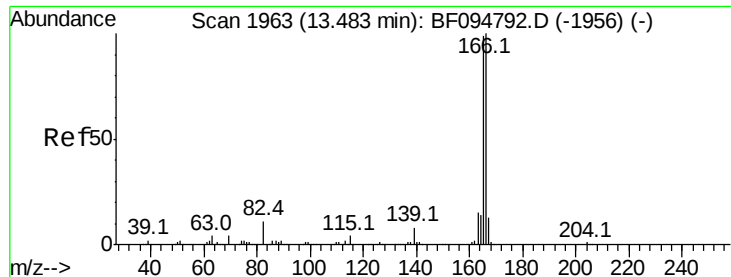
Tot Ion:139 Resp: 182996
Ion Ratio Lower Upper
139 100
109 58.8 34.1 74.1
65 21.9 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 42.78 ng
RT: 13.02 min Scan# 1885
Delta R.T. 0.05 min
Lab File: BF094892.D
Acq: 5 May 2017 00:55

Tgt Ion:165 Resp: 106956
Ion Ratio Lower Upper
165 100
63 70.3 25.4 38.0#
89 32.4 46.4 69.6#
182 8.3 1.8 2.6#





#57

Fluorene

Concen: 56.06 ng

RT: 13.54 min Scan# 1972

Delta R.T. 0.05 min

Lab File: BF094892.D

Acq: 5 May 2017 00:55

Instrument :

BNA_F

ClientSampleId :

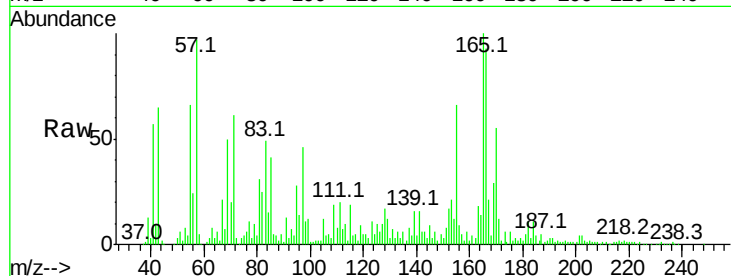
Tot Ion:166 Resp: 498431

Ion Ratio Lower Upper

166 100

165 107.3 78.8 118.2

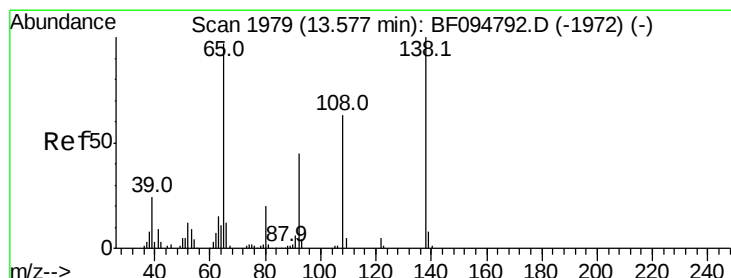
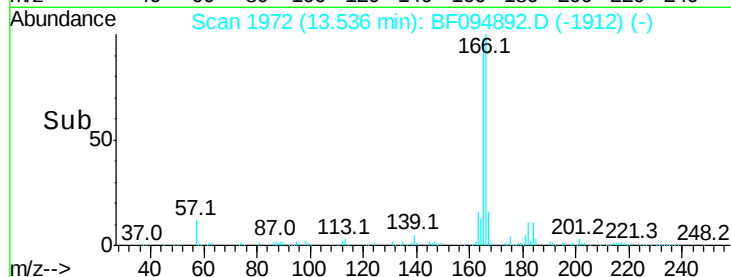
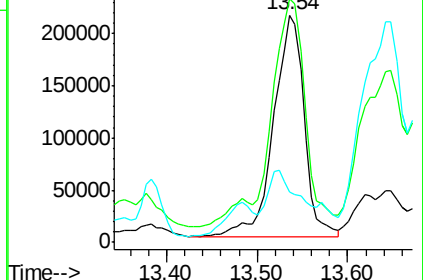
167 22.0 10.6 16.0#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#61

4-Nitroaniline

Concen: 8.52 ng

RT: 13.40 min Scan# 1949

Delta R.T. -0.18 min

Lab File: BF094892.D

Acq: 5 May 2017 00:55

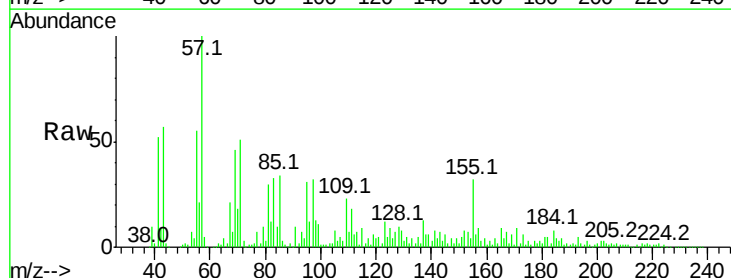
Tgt Ion:138 Resp: 16335

Ion Ratio Lower Upper

138 100

92 38.1 21.8 61.8

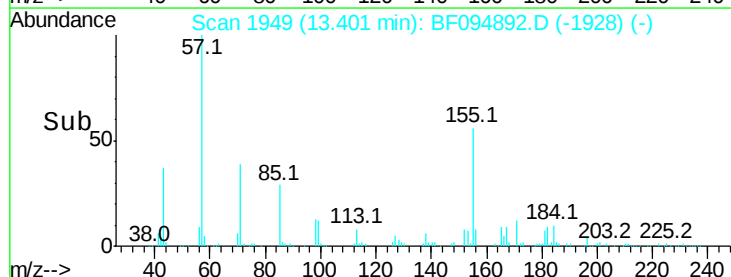
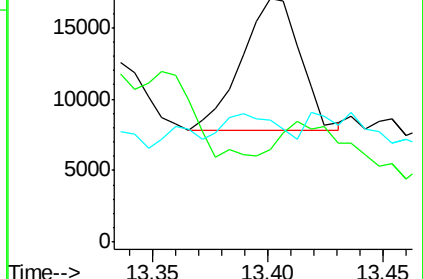
108 50.1 42.3 82.3

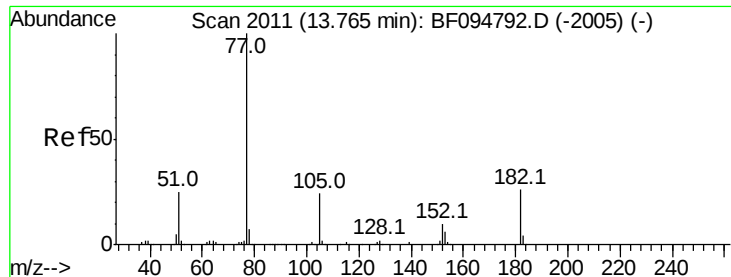


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 6.45 ng

RT: 13.81 min Scan# 2019

Delta R.T. 0.05 min

Lab File: BF094892.D

Acq: 5 May 2017 00:55

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 47408

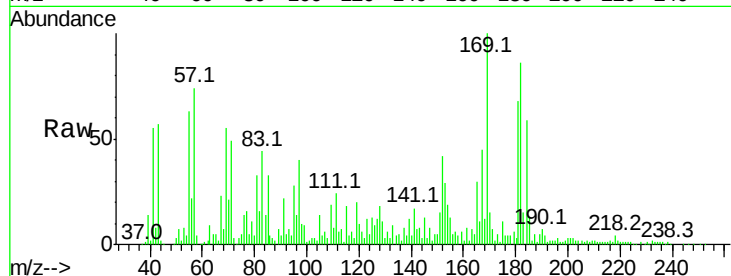
Ion Ratio Lower Upper

77 100

182 528.9 0.1 40.1#

105 87.1 3.6 43.6#

51 42.6 9.4 49.4

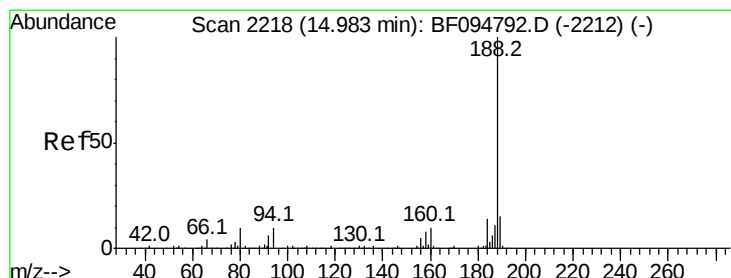
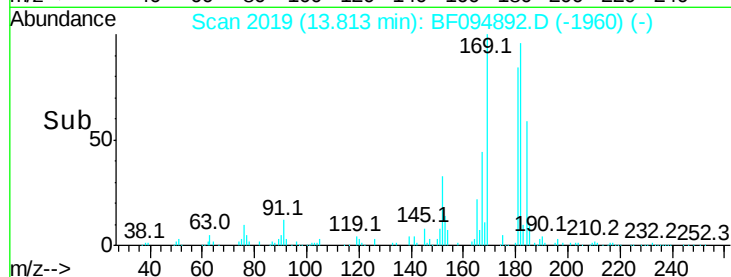
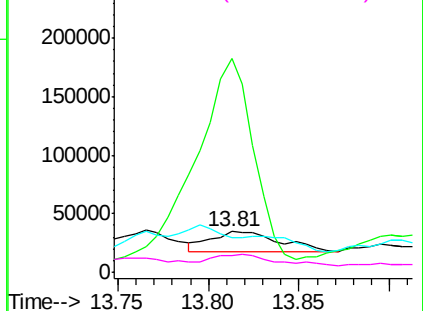


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 15.04 min Scan# 2227

Delta R.T. 0.05 min

Lab File: BF094892.D

Acq: 5 May 2017 00:55

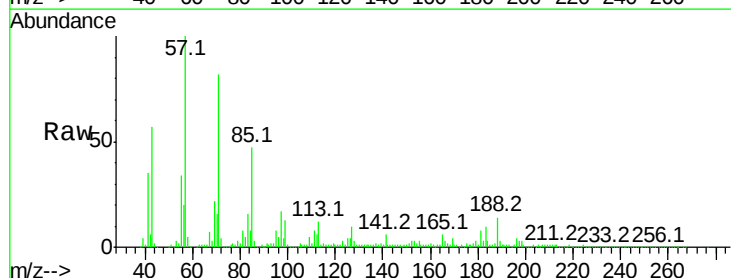
Tgt Ion: 188 Resp: 145428

Ion Ratio Lower Upper

188 100

94 17.2 9.4 14.2#

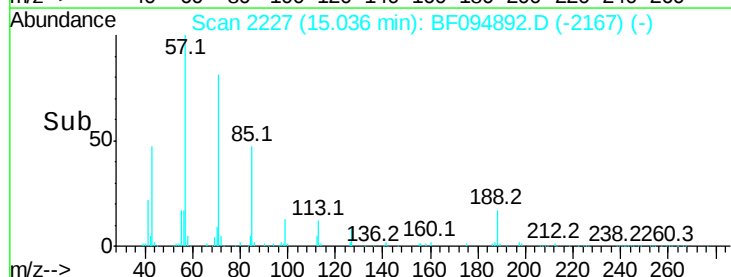
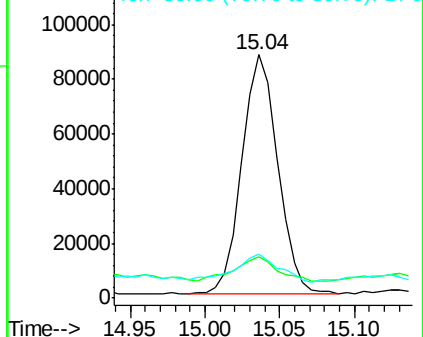
80 17.8 10.2 15.2#

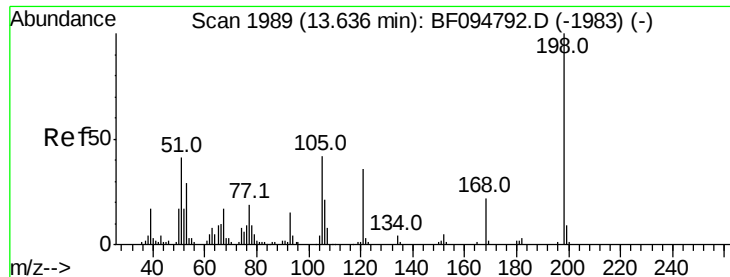


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 3.45 ng

RT: 13.70 min Scan# 1999

Delta R.T. 0.06 min

Lab File: BF094892.D

Acq: 5 May 2017 00:55

Instrument :

BNA_F

ClientSampled :

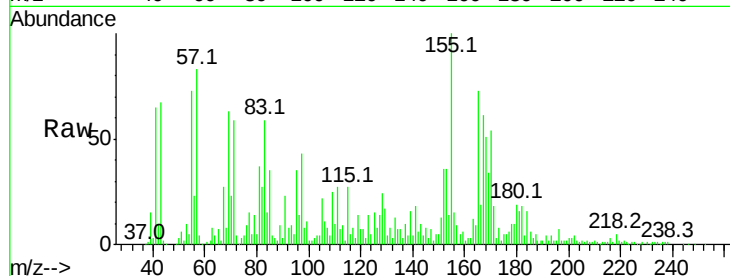
Tot Ion:198 Resp: 3365

Ion Ratio Lower Upper

198 100

51 378.4 53.2 93.2#

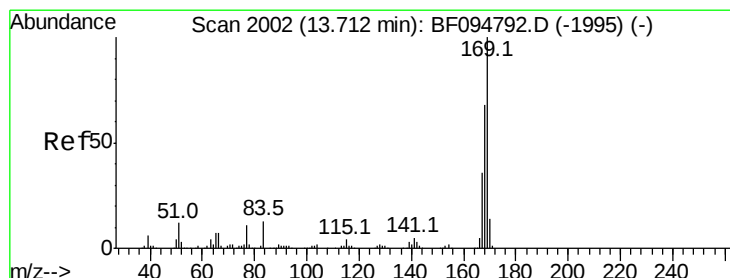
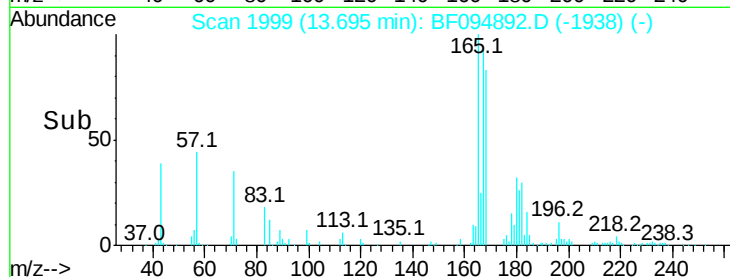
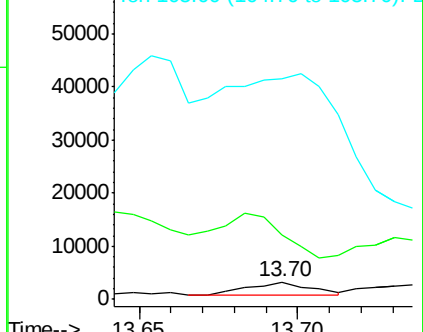
105 1292.3 45.8 85.8#



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



#65

n-Nitrosodiphenylamine

Concen: 73.39 ng

RT: 13.77 min Scan# 2011

Delta R.T. 0.05 min

Lab File: BF094892.D

Acq: 5 May 2017 00:55

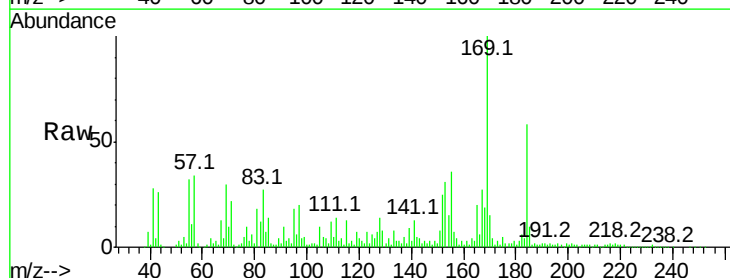
Tgt Ion:169 Resp: 387348

Ion Ratio Lower Upper

169 100

168 18.8 53.2 79.8#

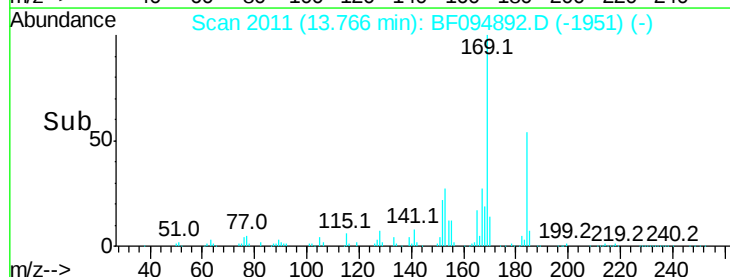
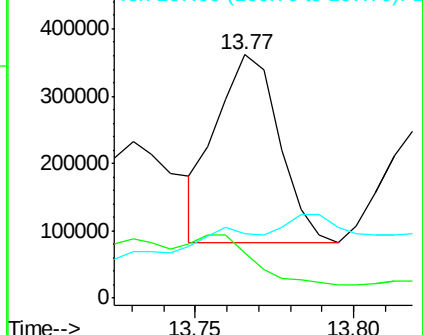
167 26.7 29.5 44.3#

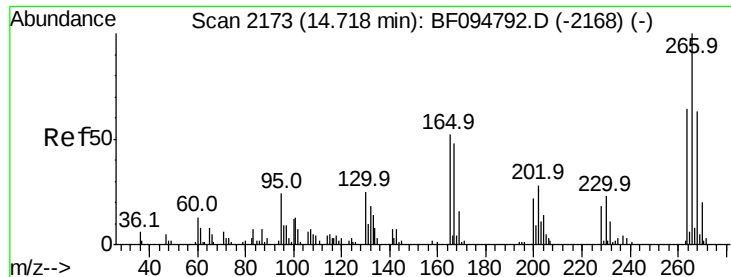


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

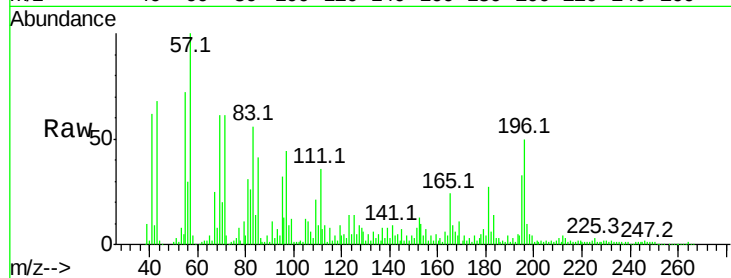




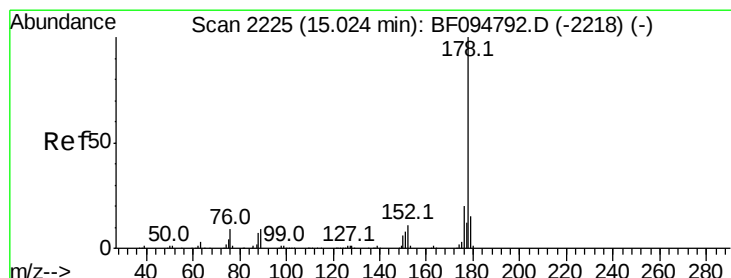
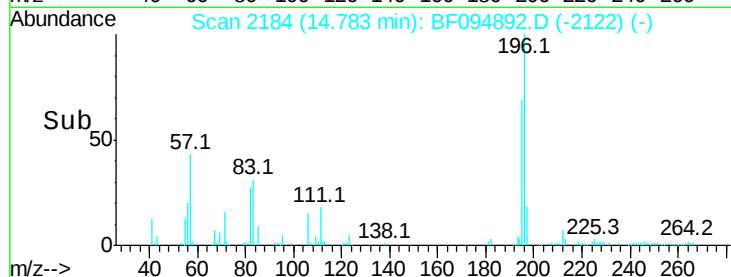
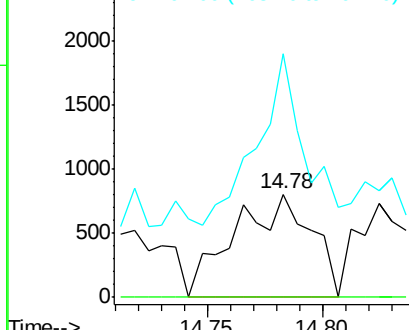
#69
 Pentachlorophenol
 Concen: 8.29 ng
 RT: 14.78 min Scan# 2184
 Delta R.T. 0.06 min
 Lab File: BF094892.D
 Acq: 5 May 2017 00:55

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 1862
 Ion Ratio Lower Upper
 266 100
 268 0.0 51.1 76.7#
 264 236.0 51.7 77.5#

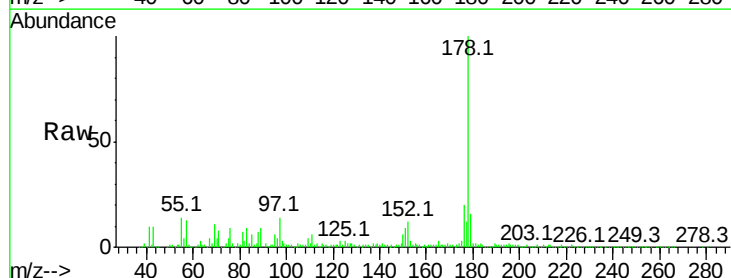


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

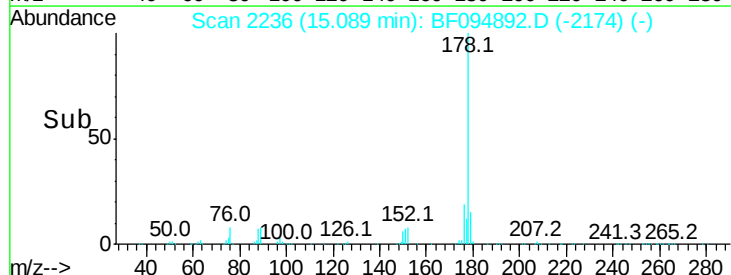
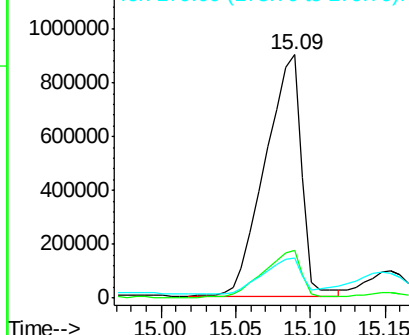


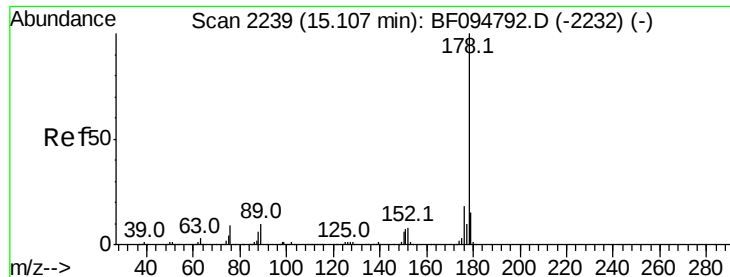
#70
 Phenanthrene
 Concen: 182.81 ng
 RT: 15.09 min Scan# 2236
 Delta R.T. 0.06 min
 Lab File: BF094892.D
 Acq: 5 May 2017 00:55

Tgt Ion:178 Resp: 1527495
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.2 24.4
 179 16.3 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

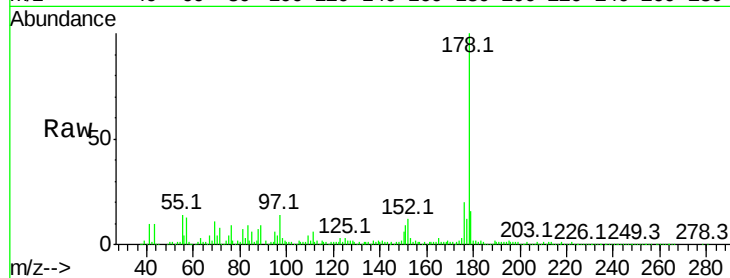




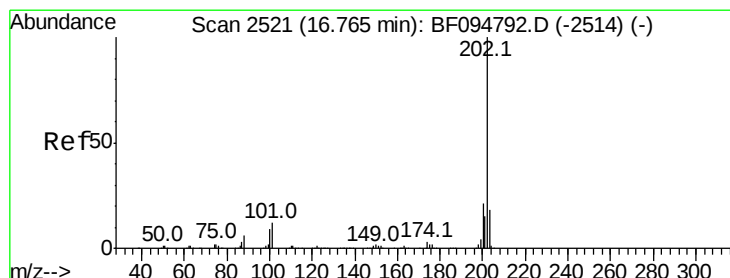
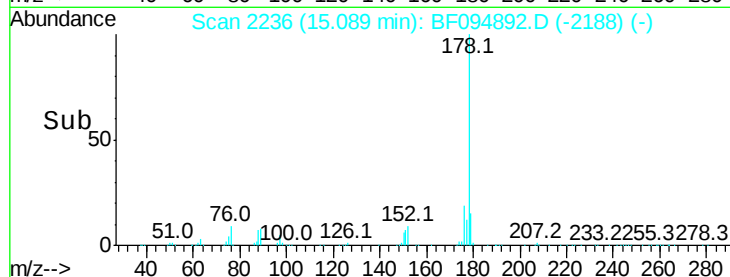
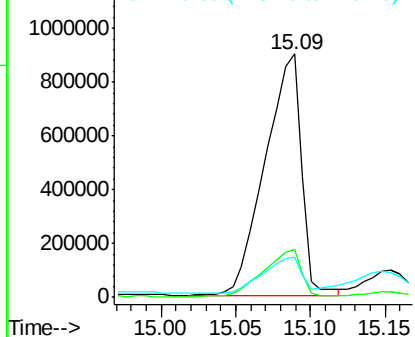
#71
 Anthracene
 Concen: 178.96 ng
 RT: 15.09 min Scan# 2236
 Delta R.T. -0.02 min
 Lab File: BF094892.D
 Acq: 5 May 2017 00:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 1527495
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.8 23.8
 179 16.3 12.7 19.1

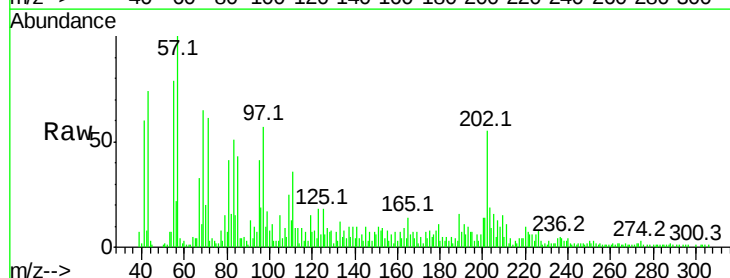


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

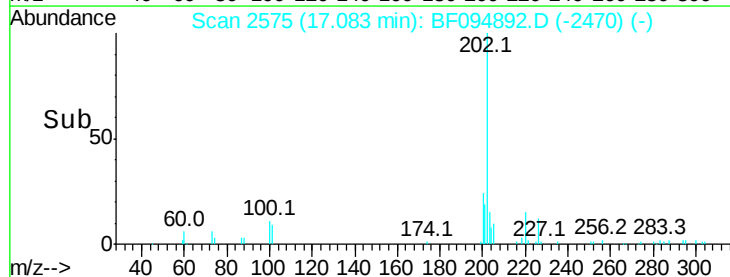
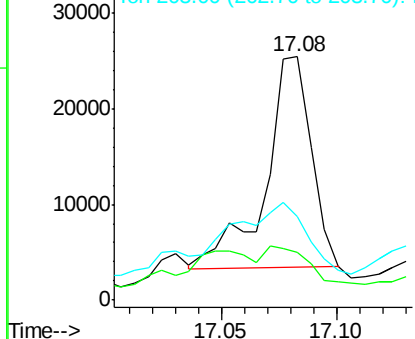


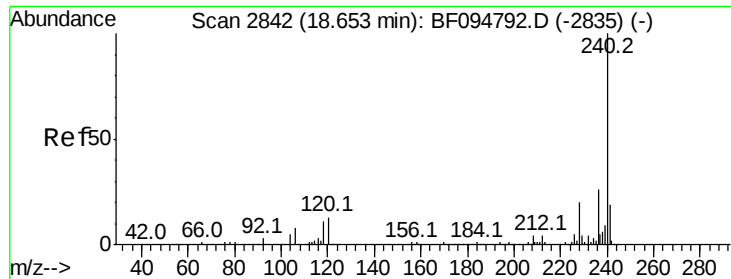
#74
 Fluoranthene
 Concen: 3.53 ng
 RT: 17.08 min Scan# 2575
 Delta R.T. 0.32 min
 Lab File: BF094892.D
 Acq: 5 May 2017 00:55

Tgt Ion:202 Resp: 30276
 Ion Ratio Lower Upper
 202 100
 101 19.6 0.0 33.2
 203 34.4 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: 20.00 ng

RT: 18.64 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BF094892.D

Acq: 5 May 2017 00:55

Instrument :

BNA_F

ClientSampleId :

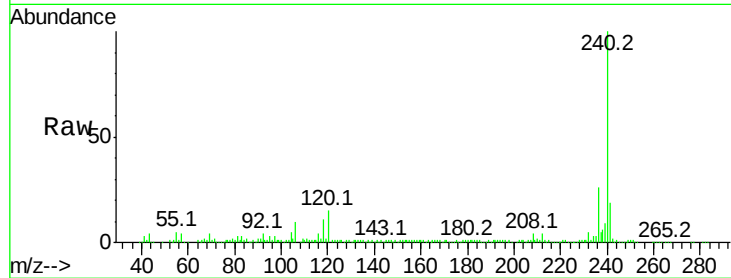
Tot Ion:240 Resp: 177532

Ion Ratio Lower Upper

240 100

120 15.0 5.8 8.8#

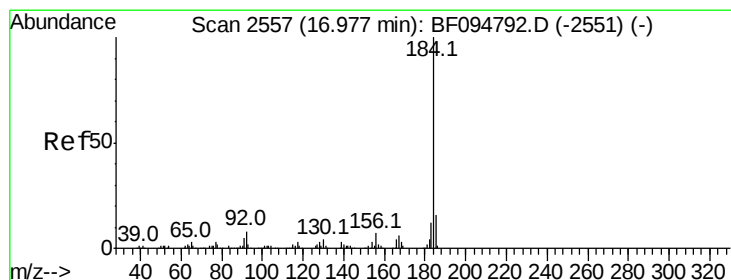
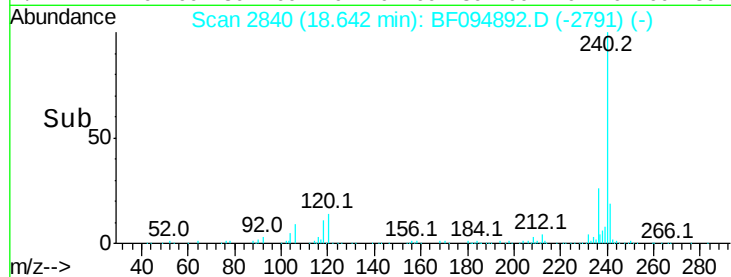
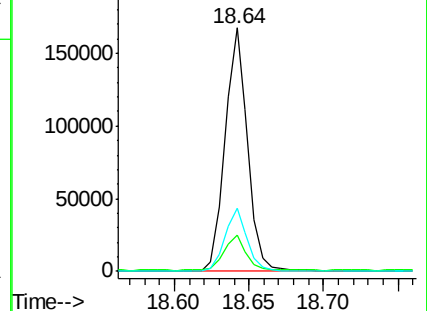
236 26.1 20.5 30.7



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



#76

Benzidine

Concen: 6.72 ng

RT: 16.97 min Scan# 2556

Delta R.T. -0.01 min

Lab File: BF094892.D

Acq: 5 May 2017 00:55

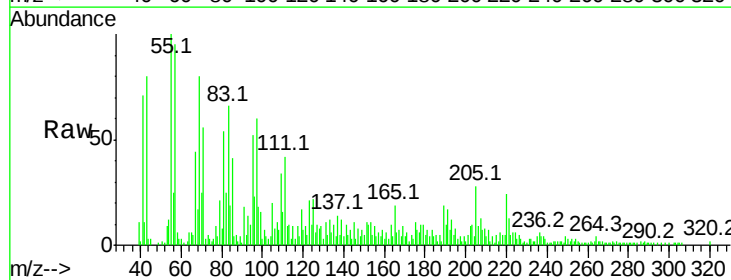
Tgt Ion:184 Resp: 736

Ion Ratio Lower Upper

184 100

185 112.7 15.5 23.3#

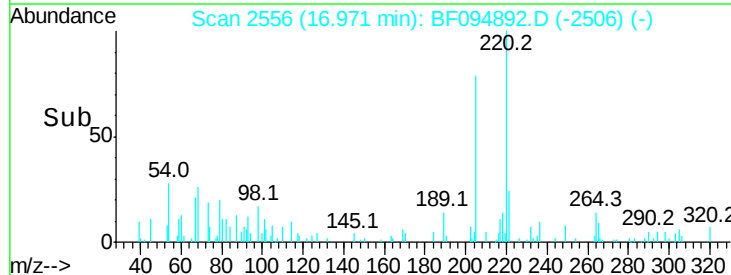
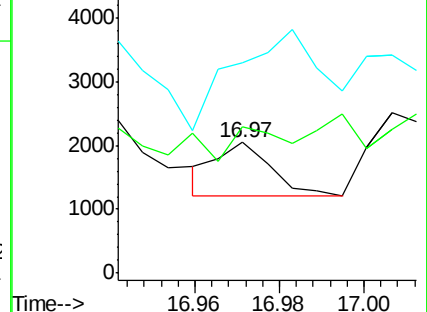
183 161.5 9.8 14.6#

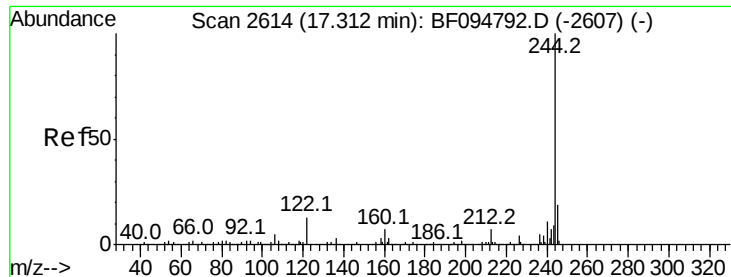


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 63.96 ng

RT: 17.31 min Scan# 2614

Delta R.T. 0.00 min

Lab File: BF094892.D

Acq: 5 May 2017 00:55

Instrument :

BNA_F

ClientSampleId :

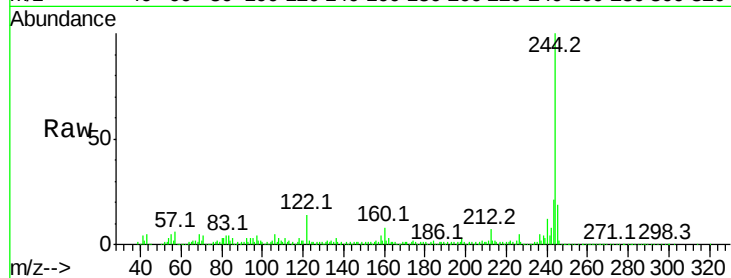
Tot Ion:244 Resp: 515544

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

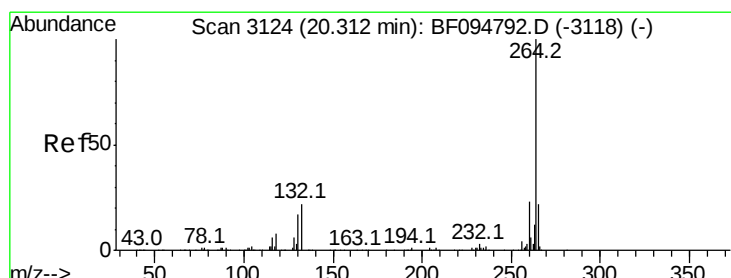
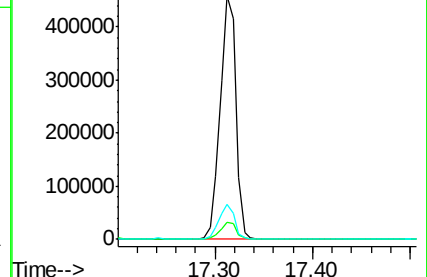
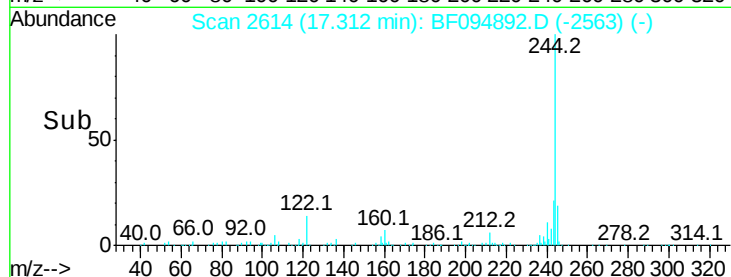
122 14.1 10.3 15.5



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 20.30 min Scan# 3122

Delta R.T. -0.01 min

Lab File: BF094892.D

Acq: 5 May 2017 00:55

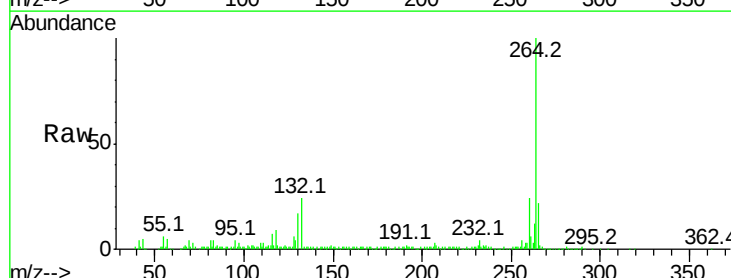
Tgt Ion:264 Resp: 165934

Ion Ratio Lower Upper

264 100

260 23.8 19.5 29.3

265 21.5 17.2 25.8



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

