

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042617\
 Data File : BF094663.D
 Acq On : 26 Apr 2017 22:38
 Operator : SJ/MA
 Sample : I2824-03 10X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 27 01:27:11 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.75	152	89851	20.00	ng	0.00
21) Naphthalene-d8	7.27	136	274671	20.00	ng	0.00
38) Acenaphthene-d10	9.41	164	117109	20.00	ng	0.01
63) Phenanthrene-d10	11.24	188	210329	20.00	ng	0.01
75) Chrysene-d12	14.47	240	222703	20.00	ng	0.00
86) Perylene-d12	16.09	264	202388	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	4.30	112	61144	11.29	ng	0.00
7) Phenol-d6	5.37	99	86045	13.48	ng	-0.02
23) Nitrobenzene-d5	6.40	82	98200	22.08	ng	-0.01
41) 2,4,6-Tribromophenol	10.39	330	8196	8.95	ng	0.01
44) 2-Fluorobiphenyl	8.59	172	41008	5.15	ng	0.00
78) Terphenyl-d14	13.20	244	53183	6.38	ng	0.00

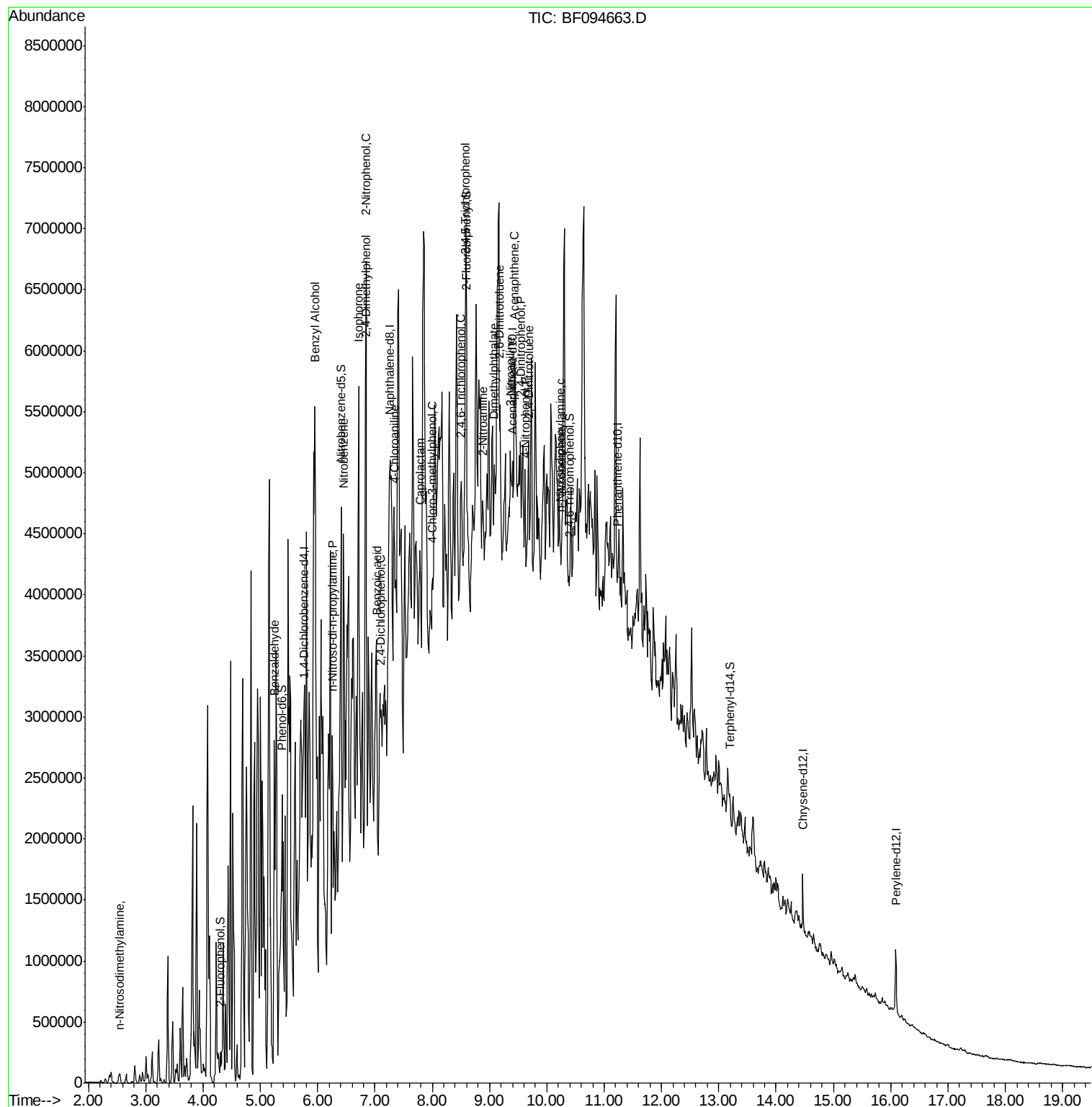
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) n-Nitrosodimethylamine	2.55	42	5942	2.09	ng	# 1
9) Benzaldehyde	5.24	77	14037	2.89	ng	# 29
15) Benzyl Alcohol	5.95	79	22090	4.66	ng	# 49
19) n-Nitroso-di-n-propylamine	6.26	70	84977	20.09	ng	# 65
24) Nitrobenzene	6.45	77	9793	2.09	ng	# 51
25) Isophorone	6.71	82	260522	31.59	ng	# 1
26) 2-Nitrophenol	6.85	139	43536	17.30	ng	# 1
27) 2,4-Dimethylphenol	6.85	122	22600	5.53	ng	# 1
29) 2,4-Dichlorophenol	7.11	162	19850	5.22	ng	# 1
32) Benzoic acid	7.04	122	5994	2.77	ng	# 1
33) 4-Chloroaniline	7.34	127	25415	4.63	ng	# 40
35) Caprolactam	7.79	113	9643	8.07	ng	# 1
36) 4-Chloro-3-methylphenol	7.99	107	8164	2.05	ng	# 21
42) 2,4,6-Trichlorophenol	8.50	196	8424	3.60	ng	# 13
43) 2,4,5-Trichlorophenol	8.57	196	5000	2.08	ng	# 1
47) 2-Nitroaniline	8.88	65	5764	2.63	ng	# 64
49) Dimethylphthalate	9.09	163	27577	3.16	ng	# 7
50) 2,6-Dinitrotoluene	9.18	165	4716	2.41	ng	# 75
51) Acenaphthene	9.43	154	15014	2.11	ng	# 64
52) 3-Nitroaniline	9.36	138	4678	2.06	ng	# 32
53) 2,4-Dinitrophenol	9.54	184	2657	8.08	ng	# 1
55) 4-Nitrophenol	9.63	139	15232	9.51	ng	# 1
56) 2,4-Dinitrotoluene	9.69	165	5115	2.13	ng	# 64
62) Azobenzene	10.25	77	23743	2.97	ng	# 22
65) n-Nitrosodiphenylamine	10.25	169	23844	3.26	ng	# 48

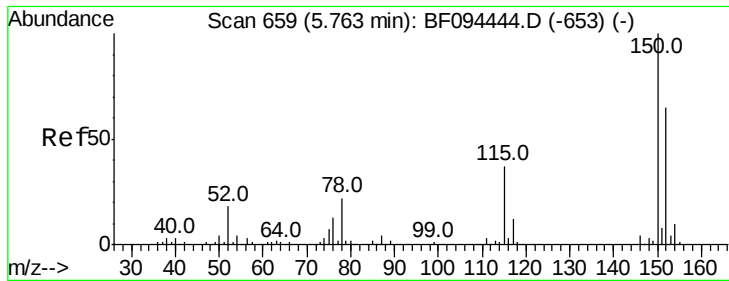
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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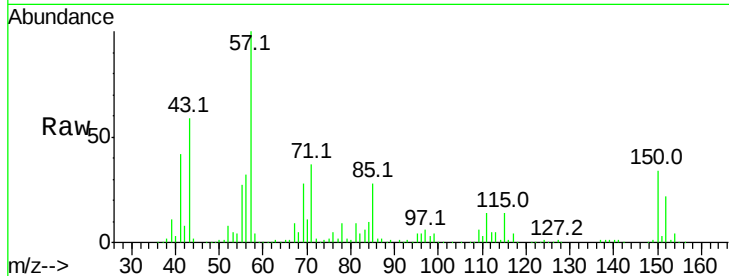


#1

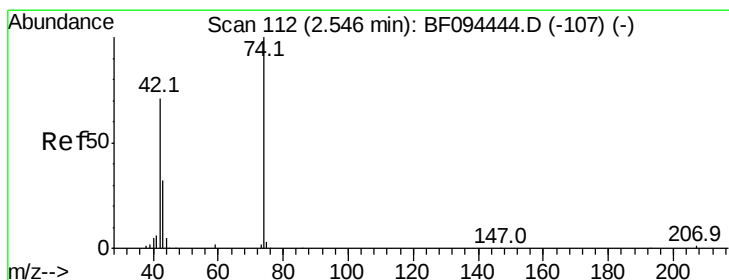
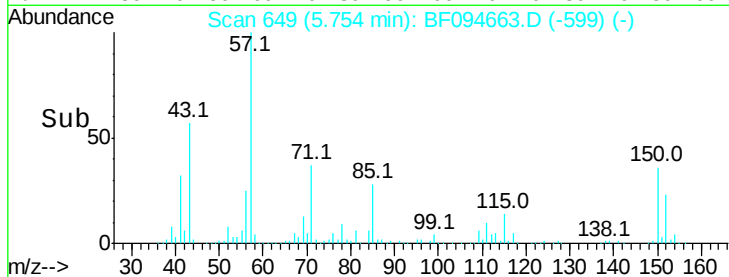
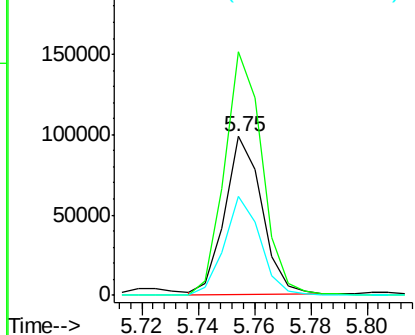
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.75 min Scan# 649
Delta R.T. -0.01 min
Lab File: BF094663.D
Acq: 26 Apr 2017 22:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 89851
Ion Ratio Lower Upper
152 100
150 153.5 126.2 189.2
115 62.3 52.2 78.2



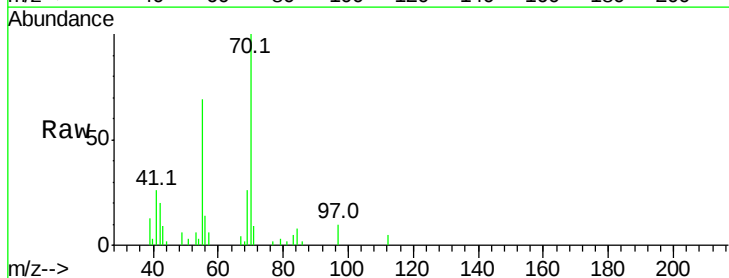
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



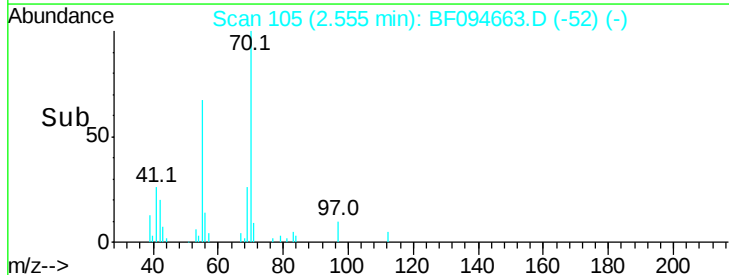
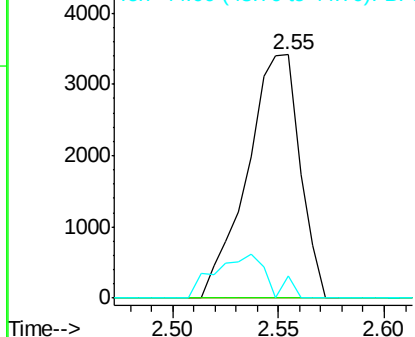
#4

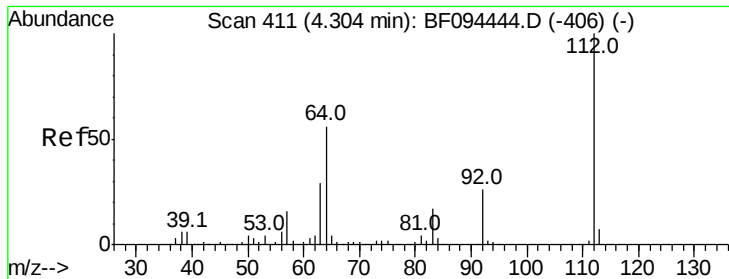
n-Nitrosodimethylamine
Concen: 2.09 ng
RT: 2.55 min Scan# 105
Delta R.T. 0.01 min
Lab File: BF094663.D
Acq: 26 Apr 2017 22:38

Tgt Ion: 42 Resp: 5942
Ion Ratio Lower Upper
42 100
74 0.0 103.9 155.9#
44 9.0 5.7 8.5#



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 11.29 ng

RT: 4.30 min Scan# 401

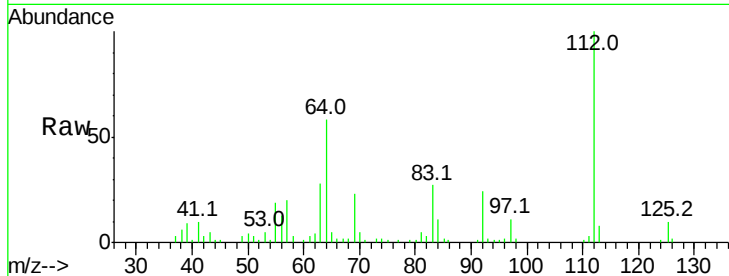
Delta R.T. -0.01 min

Lab File: BF094663.D

Acq: 26 Apr 2017 22:38

Instrument :
BNA_F
ClientSampleId :

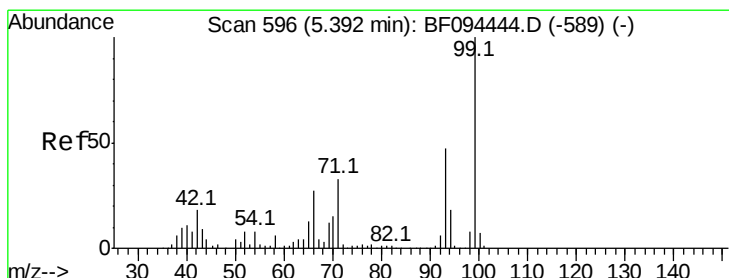
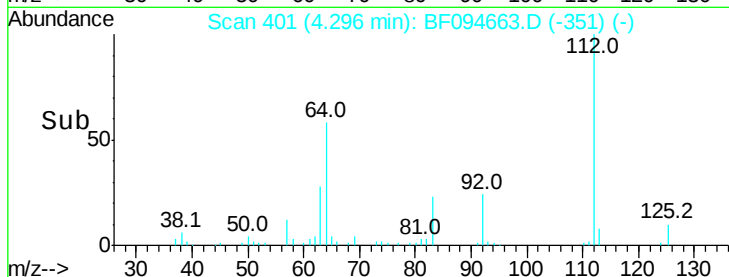
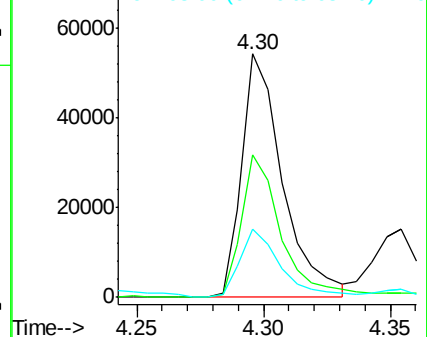
Tot Ion:112	Resp:	61144
Ion Ratio	Lower	Upper
112 100		
64 58.3	46.0	69.0
63 28.0	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 13.48 ng

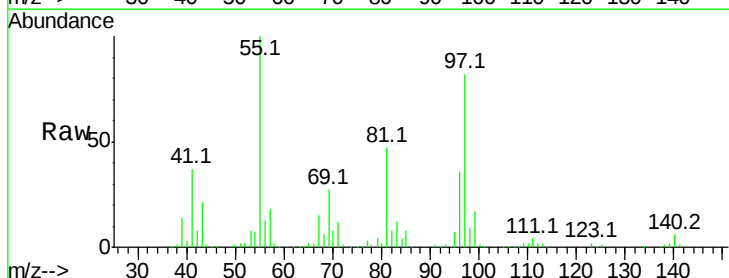
RT: 5.37 min Scan# 584

Delta R.T. -0.02 min

Lab File: BF094663.D

Acq: 26 Apr 2017 22:38

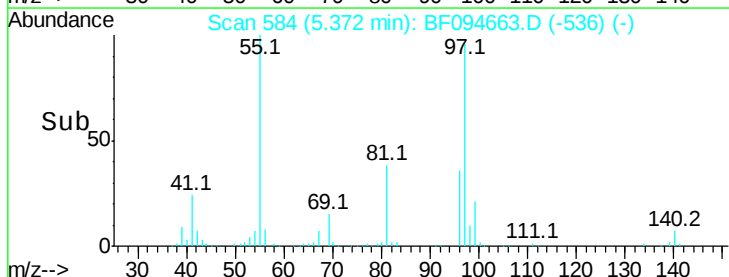
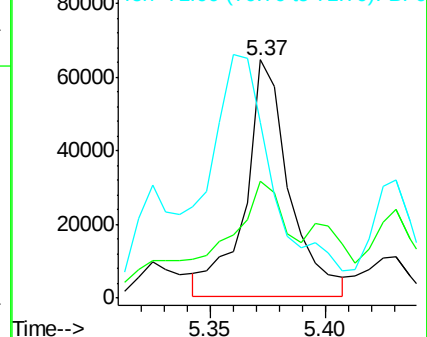
Tgt Ion: 99	Resp:	86045
Ion Ratio	Lower	Upper
99 100		
42 49.1	13.5	20.3#
71 73.6	24.5	36.7#

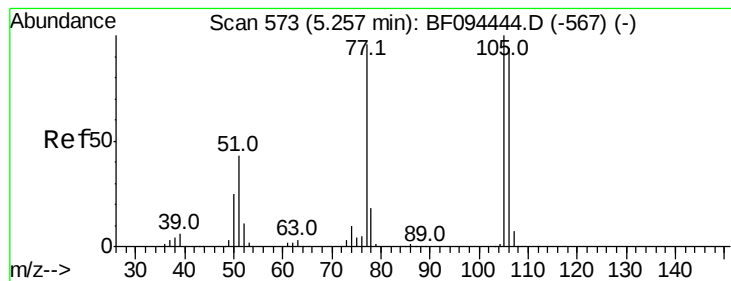


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#9

Benzaldehyde

Concen: 2.89 ng

RT: 5.24 min Scan# 562

Delta R.T. -0.01 min

Lab File: BF094663.D

Acq: 26 Apr 2017 22:38

Instrument :

BNA_F

ClientSampled :

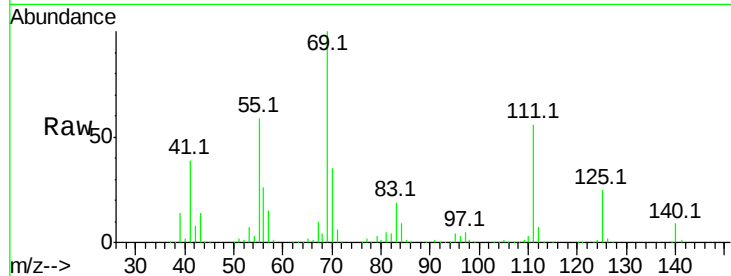
Tot Ion: 77 Resp: 14037

Ion Ratio Lower Upper

77 100

105 53.8 83.8 123.8#

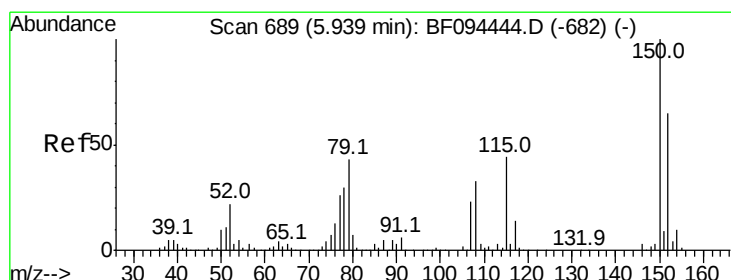
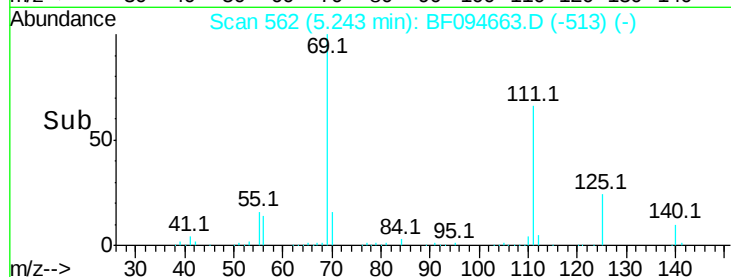
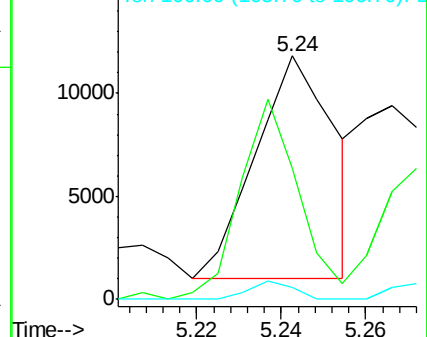
106 5.0 79.1 119.1#



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



#15

Benzyl Alcohol

Concen: 4.66 ng

RT: 5.95 min Scan# 682

Delta R.T. 0.01 min

Lab File: BF094663.D

Acq: 26 Apr 2017 22:38

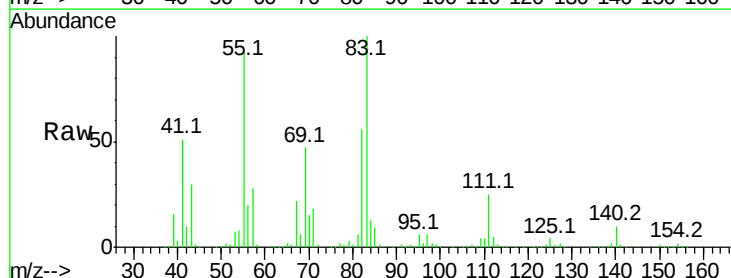
Tgt Ion: 79 Resp: 22090

Ion Ratio Lower Upper

79 100

108 10.0 63.4 95.0#

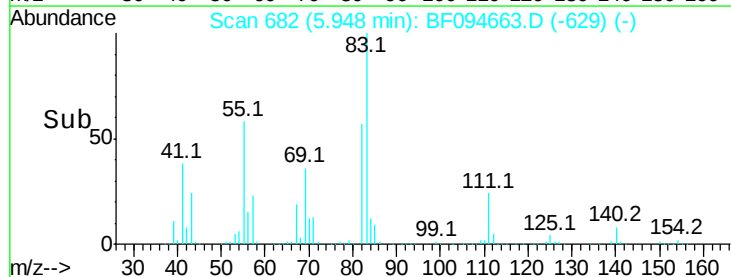
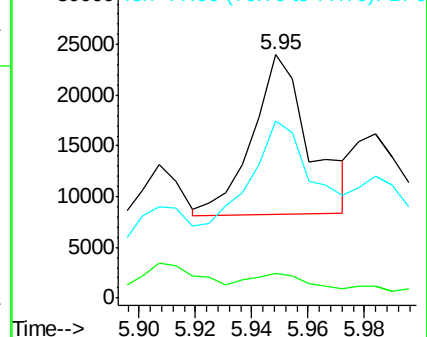
77 72.8 49.2 73.8

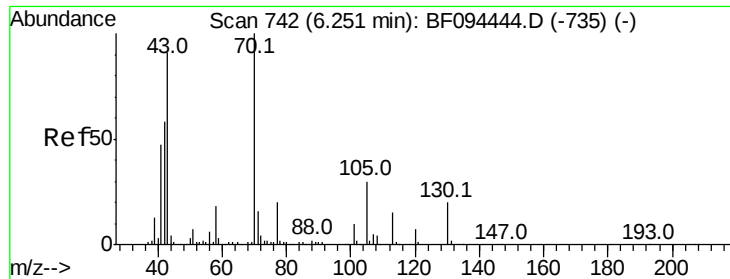


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 20.09 ng

RT: 6.26 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF094663.D

Acq: 26 Apr 2017 22:38

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 84977

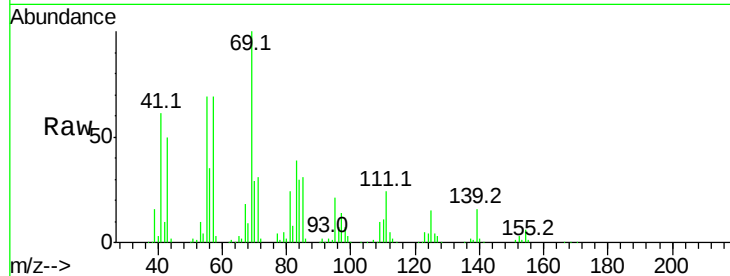
Ion Ratio Lower Upper

70 100

42 33.9 47.2 70.8#

101 0.0 7.2 10.8#

130 0.0 15.9 23.9#

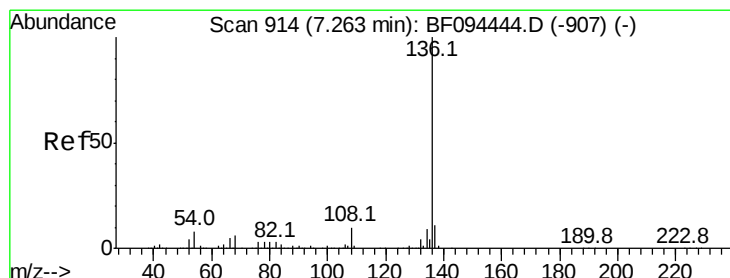
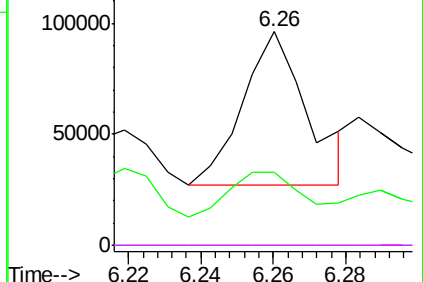
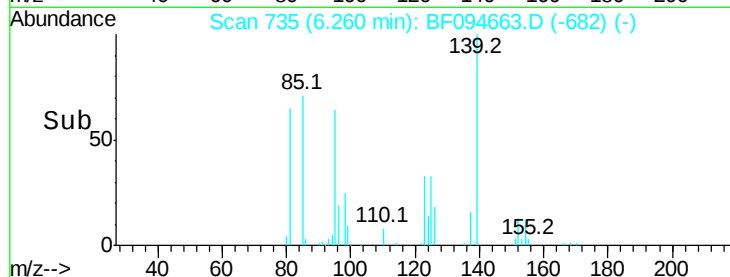


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.27 min Scan# 906

Delta R.T. 0.00 min

Lab File: BF094663.D

Acq: 26 Apr 2017 22:38

Tgt Ion:136 Resp: 274671

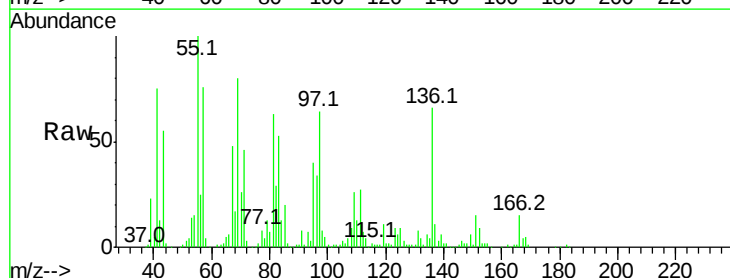
Ion Ratio Lower Upper

136 100

137 16.9 8.5 12.7#

54 22.1 4.9 7.3#

68 25.0 4.1 6.1#

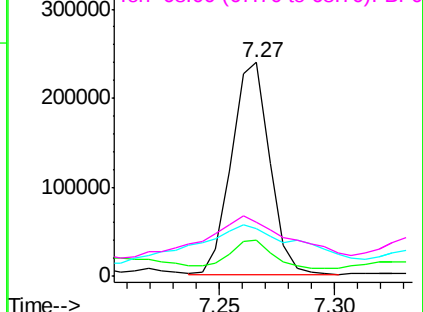
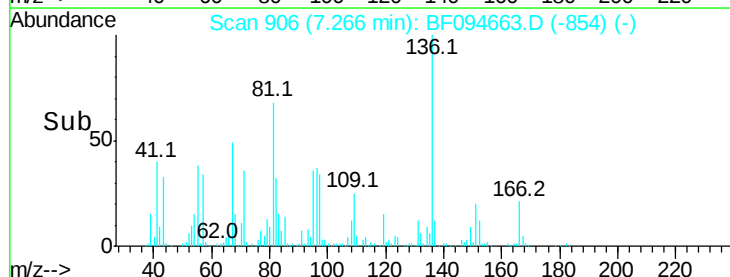


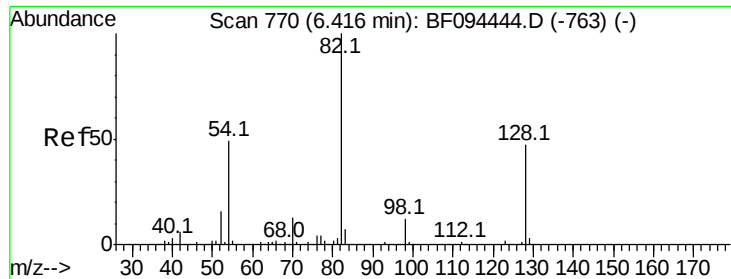
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#23

Nitrobenzene-d5

Concen: 22.08 ng

RT: 6.40 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF094663.D

Acq: 26 Apr 2017 22:38

Instrument :

BNA_F

ClientSampleId :

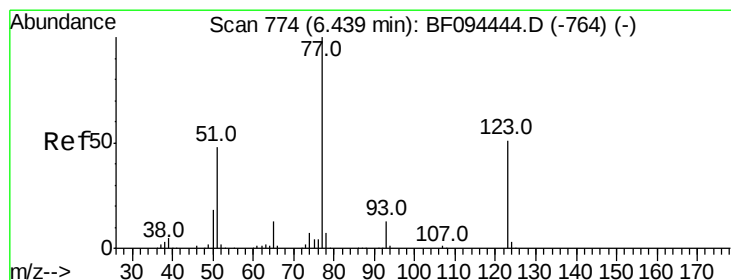
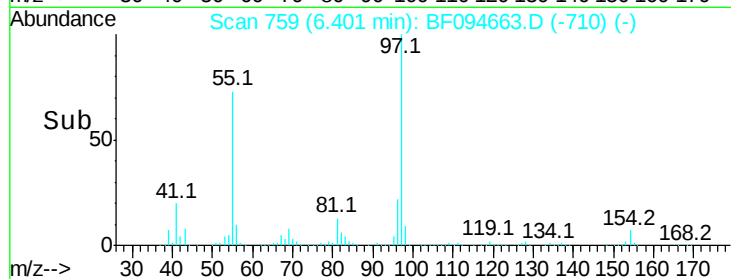
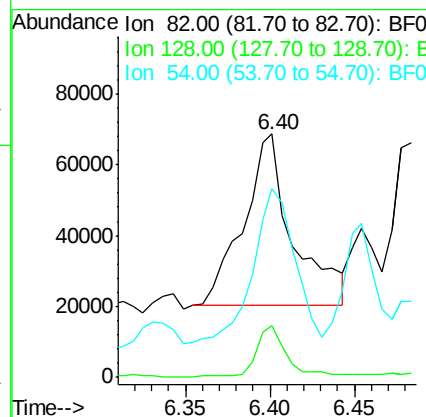
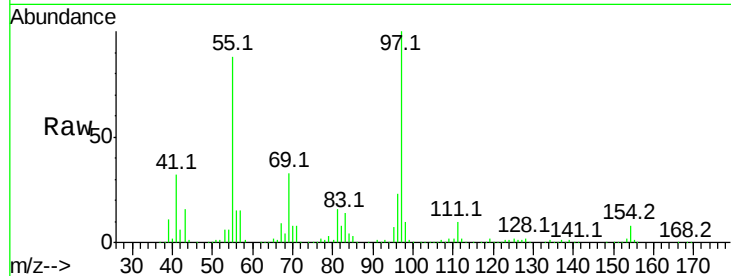
Tot Ion: 82 Resp: 98200

Ion Ratio Lower Upper

82 100

128 21.0 34.0 51.0#

54 77.3 42.2 63.2#



#24

Nitrobenzene

Concen: 2.09 ng

RT: 6.45 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF094663.D

Acq: 26 Apr 2017 22:38

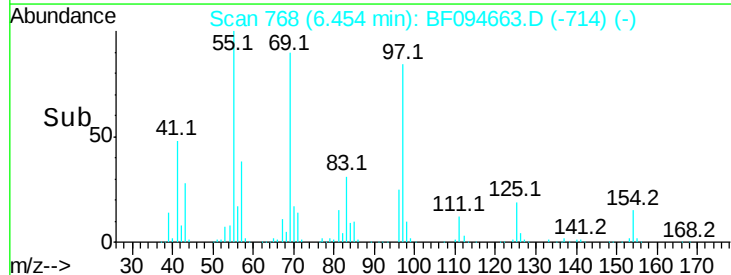
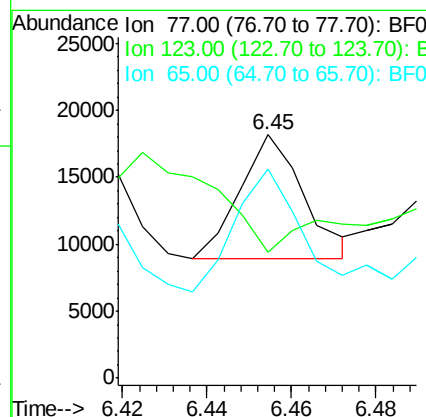
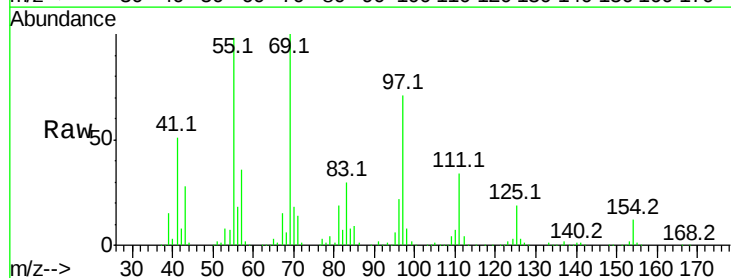
Tgt Ion: 77 Resp: 9793

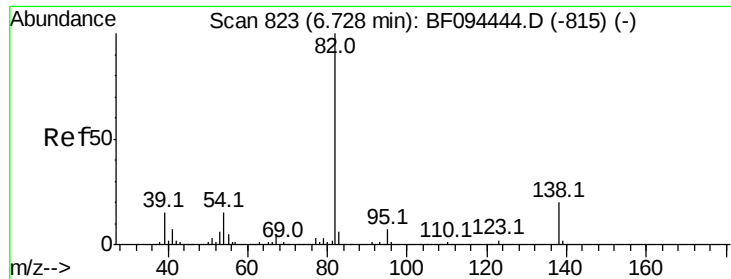
Ion Ratio Lower Upper

77 100

123 51.6 35.8 53.8

65 85.7 10.6 15.8#





#25

Isophorone

Concen: 31.59 ng

RT: 6.71 min Scan# 811

Delta R.T. -0.02 min

Lab File: BF094663.D

Acq: 26 Apr 2017 22:38

Instrument :

BNA_F

ClientSampleId :

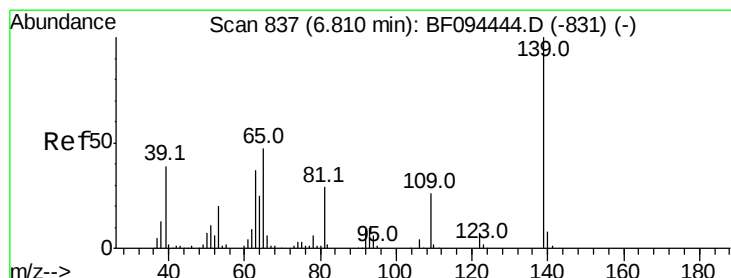
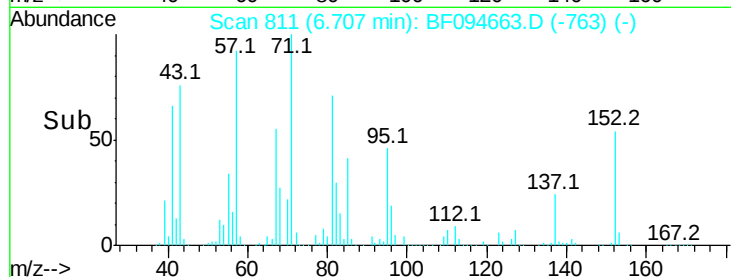
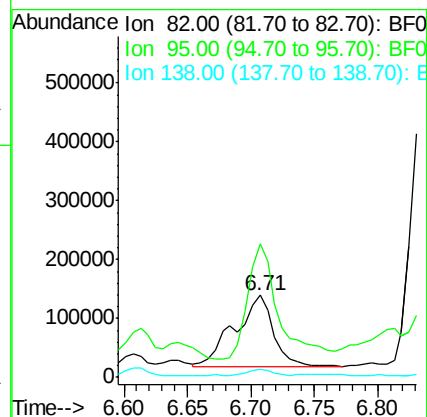
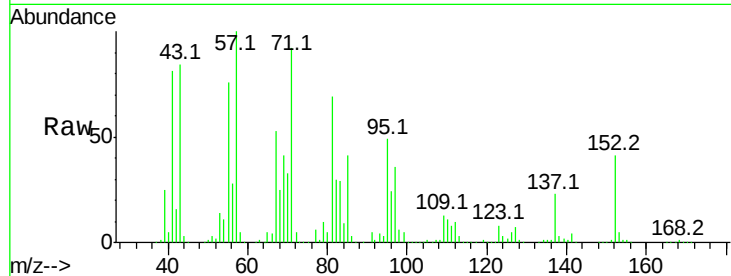
Tot Ion: 82 Resp: 260522

Ion Ratio Lower Upper

82 100

95 162.5 5.3 7.9#

138 9.3 13.1 19.7#



#26

2-Nitrophenol

Concen: 17.30 ng

RT: 6.85 min Scan# 835

Delta R.T. 0.04 min

Lab File: BF094663.D

Acq: 26 Apr 2017 22:38

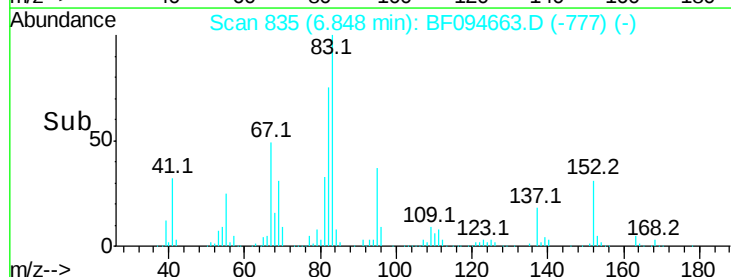
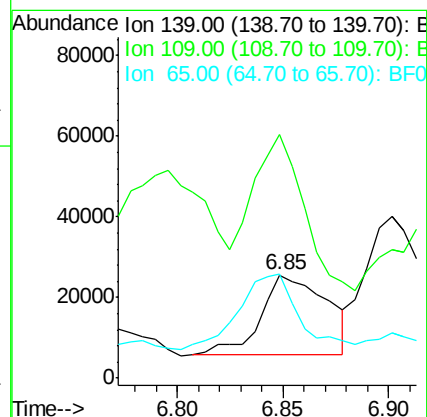
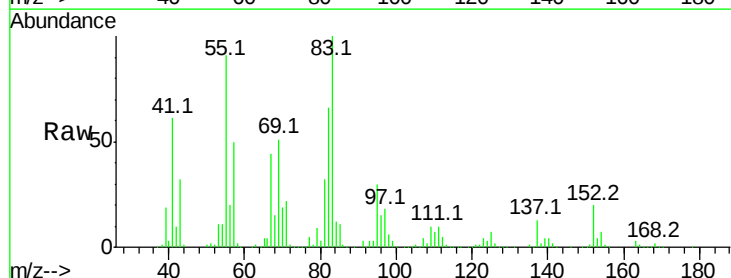
Tgt Ion:139 Resp: 43536

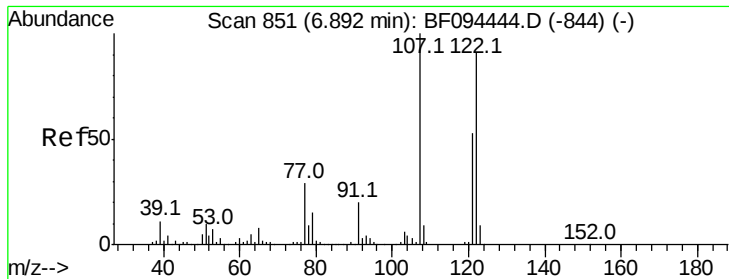
Ion Ratio Lower Upper

139 100

109 235.9 21.0 31.6#

65 100.8 33.0 49.6#





#27

2,4-Dimethylphenol

Concen: 5.53 ng

RT: 6.85 min Scan# 836

Delta R.T. -0.04 min

Lab File: BF094663.D

Acq: 26 Apr 2017 22:38

Instrument :

BNA_F

ClientSampled :

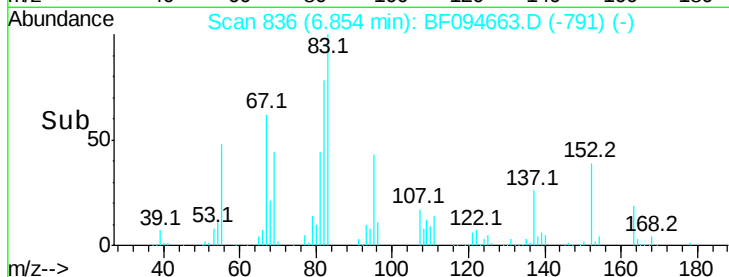
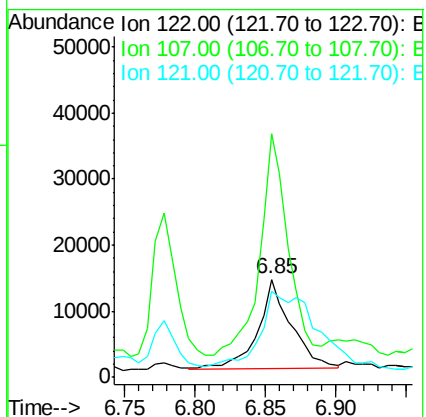
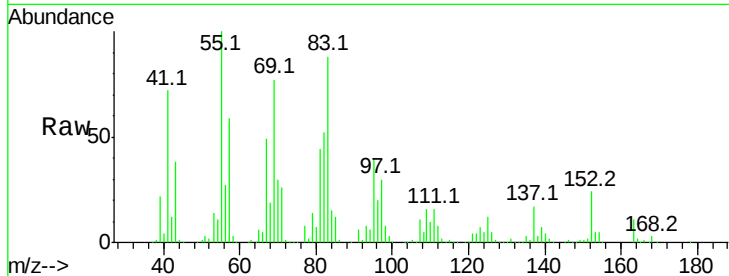
Tot Ion:122 Resp: 22600

Ion Ratio Lower Upper

122 100

107 248.3 89.2 133.8#

121 88.3 45.2 67.8#



#29

2,4-Dichlorophenol

Concen: 5.22 ng

RT: 7.11 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF094663.D

Acq: 26 Apr 2017 22:38

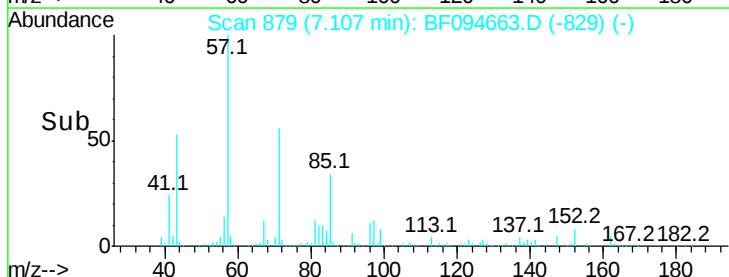
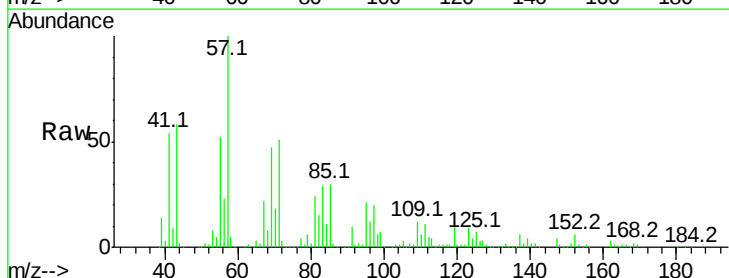
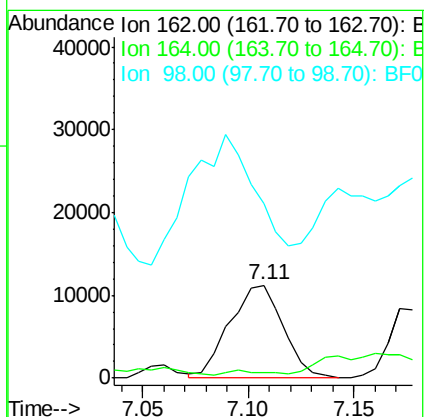
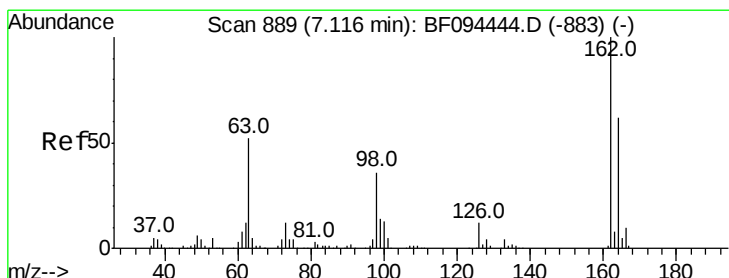
Tgt Ion:162 Resp: 19850

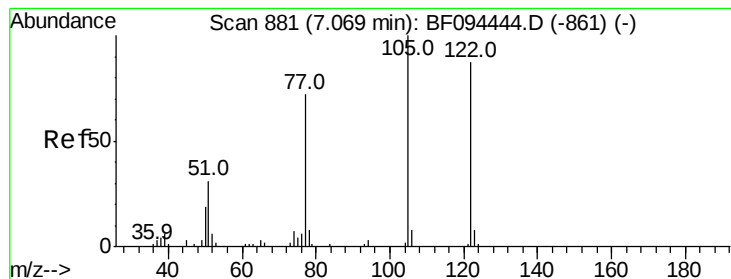
Ion Ratio Lower Upper

162 100

164 5.5 44.6 84.6#

98 188.0 14.8 54.8#





#32

Benzoic acid

Concen: 2.77 ng

RT: 7.04 min Scan# 867

Delta R.T. -0.03 min

Lab File: BF094663.D

Acq: 26 Apr 2017 22:38

Instrument :

BNA_F

ClientSampled :

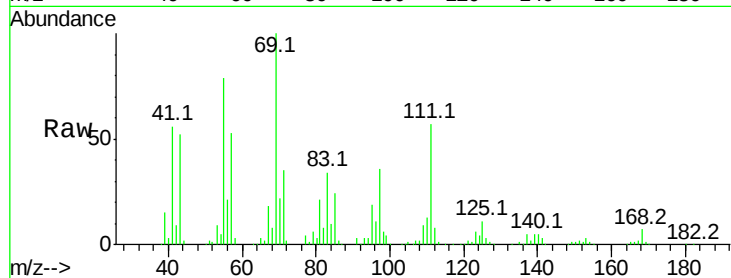
Tot Ion:122 Resp: 5994

Ion Ratio Lower Upper

122 100

105 44.2 103.3 143.3#

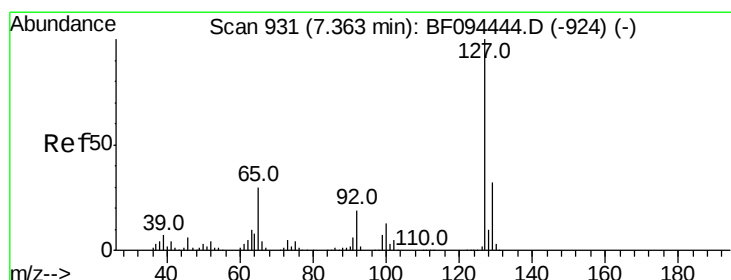
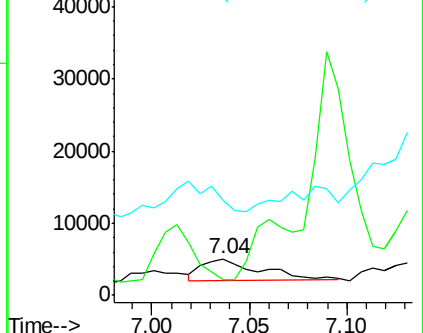
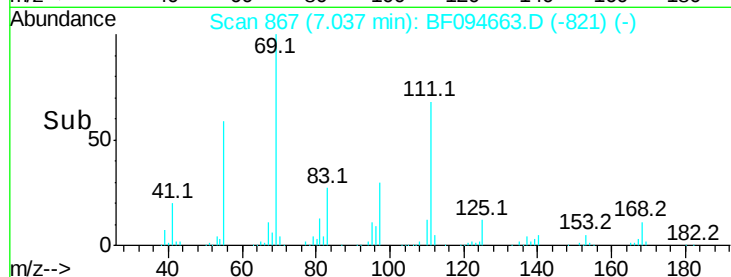
77 258.8 73.7 113.7#



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: 4.63 ng

RT: 7.34 min Scan# 919

Delta R.T. -0.02 min

Lab File: BF094663.D

Acq: 26 Apr 2017 22:38

Tgt Ion:127 Resp: 25415

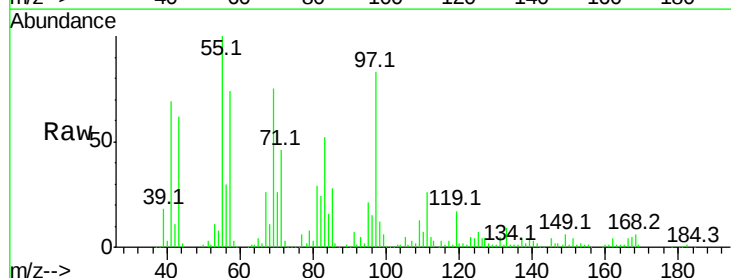
Ion Ratio Lower Upper

127 100

129 38.4 26.2 39.2

65 113.8 27.8 41.8#

92 25.4 16.8 25.2#

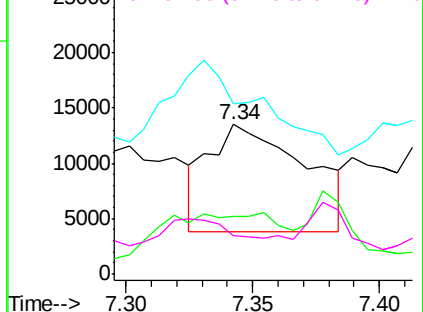
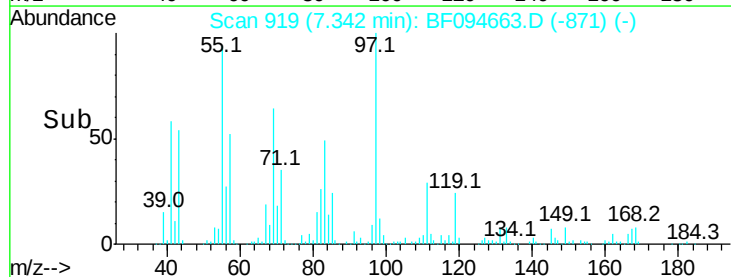


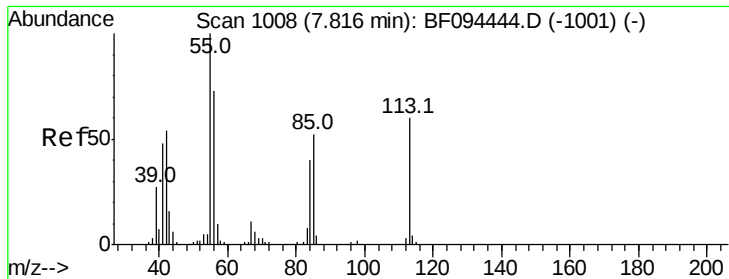
Abundance Ion 127.00 (126.70 to 127.70): E

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





#35

Caprolactam

Concen: 8.07 ng

RT: 7.79 min Scan# 995

Delta R.T. -0.03 min

Lab File: BF094663.D

Acq: 26 Apr 2017 22:38

Instrument :

BNA_F

ClientSampled :

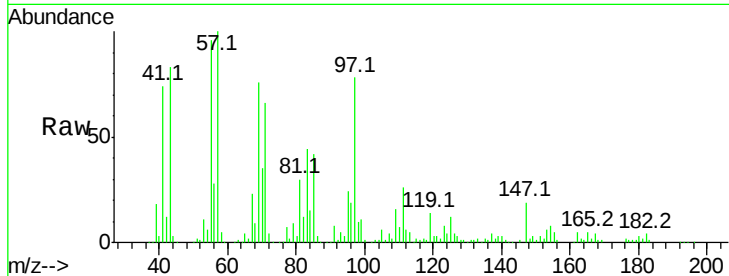
Tot Ion:113 Resp: 9643

Ion Ratio Lower Upper

113 100

55 1900.8 150.2 190.2#

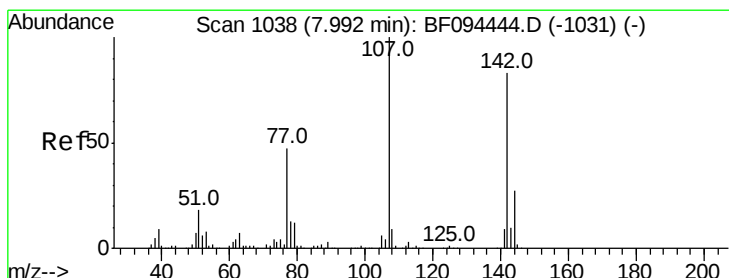
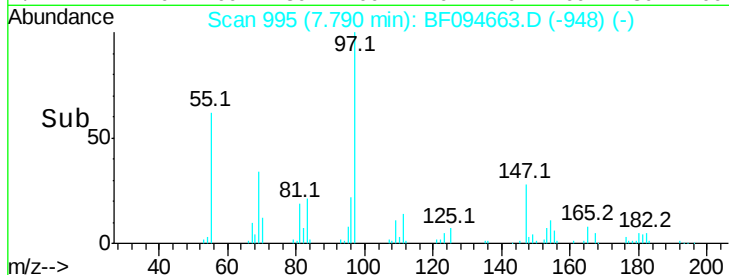
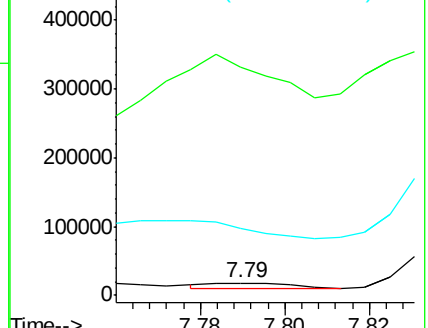
56 557.3 107.8 147.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 2.05 ng

RT: 7.99 min Scan# 1029

Delta R.T. -0.00 min

Lab File: BF094663.D

Acq: 26 Apr 2017 22:38

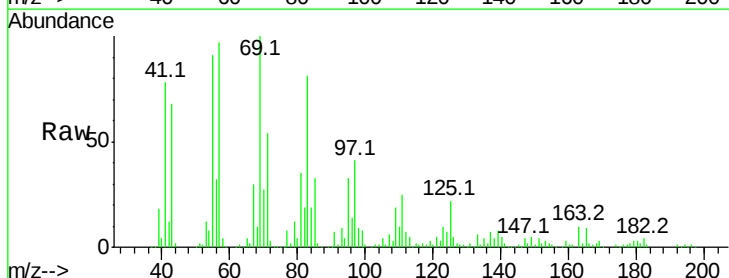
Tgt Ion:107 Resp: 8164

Ion Ratio Lower Upper

107 100

144 4.8 24.2 36.4#

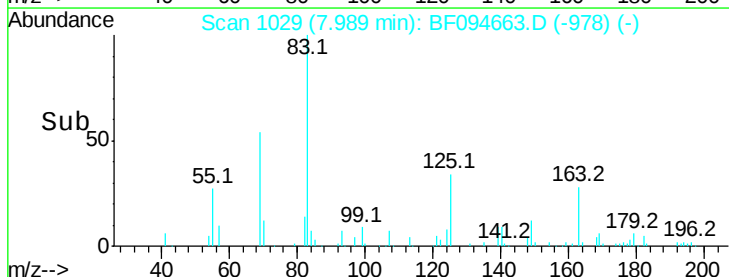
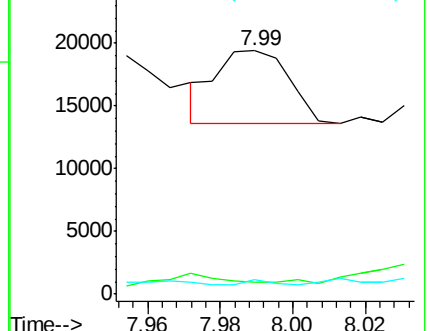
142 6.0 73.4 110.0#

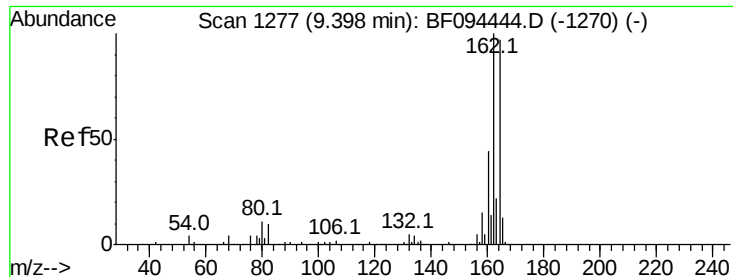


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.41 min Scan# 1271

Delta R.T. 0.01 min

Lab File: BF094663.D

Acq: 26 Apr 2017 22:38

Instrument :

BNA_F

ClientSampleId :

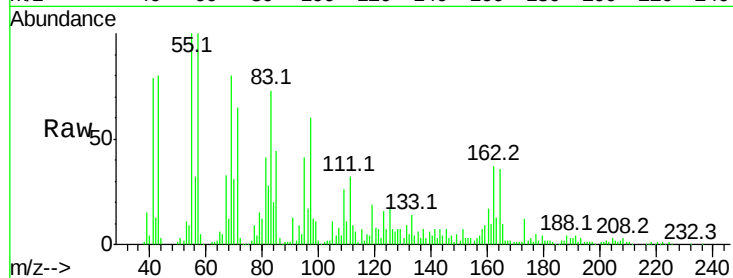
Tot Ion:164 Resp: 117109

Ion Ratio Lower Upper

164 100

162 102.0 82.6 123.8

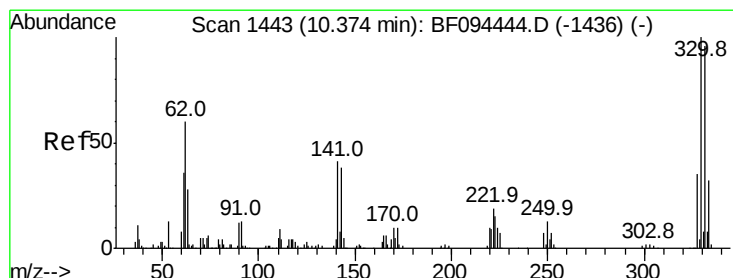
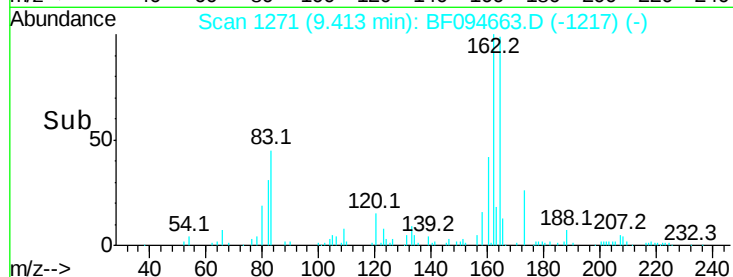
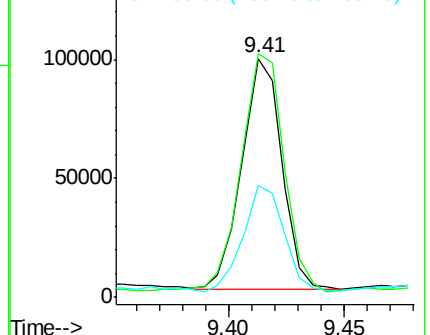
160 47.1 36.2 54.2



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: 8.95 ng

RT: 10.39 min Scan# 1437

Delta R.T. 0.01 min

Lab File: BF094663.D

Acq: 26 Apr 2017 22:38

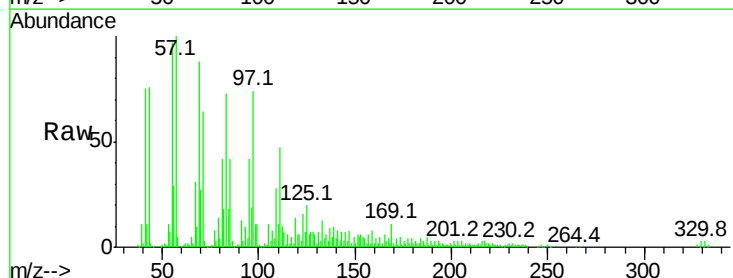
Tgt Ion:330 Resp: 8196

Ion Ratio Lower Upper

330 100

332 98.9 76.6 115.0

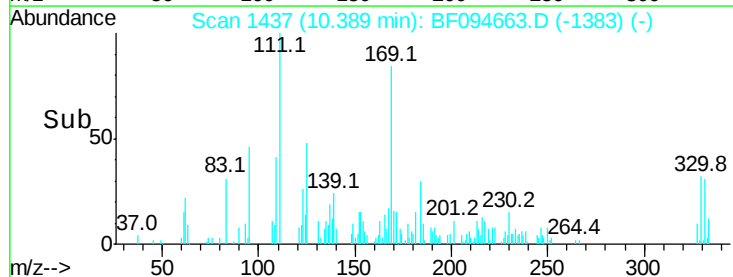
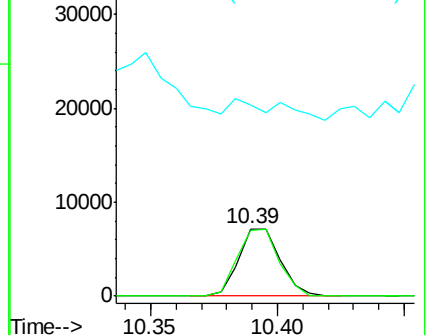
141 0.0 31.4 47.2#

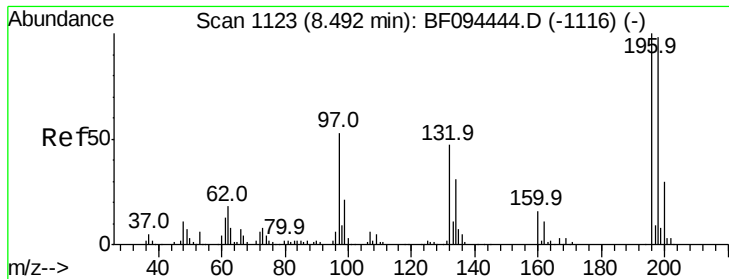


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#42

2,4,6-Trichlorophenol

Concen: 3.60 ng

RT: 8.50 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BF094663.D

Acq: 26 Apr 2017 22:38

Instrument :

BNA_F

ClientSampleId :

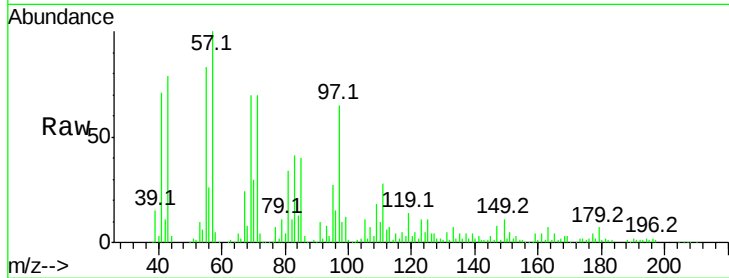
Tot Ion:196 Resp: 8424

Ion Ratio Lower Upper

196 100

198 0.0 74.2 111.4#

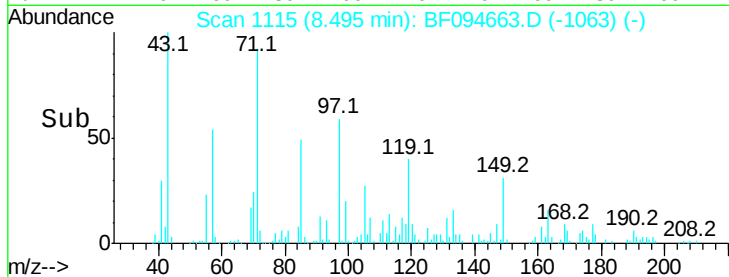
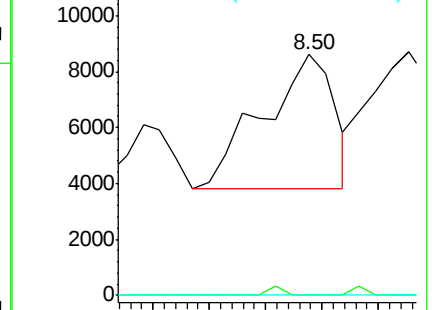
200 0.0 24.0 36.0#



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#43

2,4,5-Trichlorophenol

Concen: 2.08 ng

RT: 8.57 min Scan# 1128

Delta R.T. 0.03 min

Lab File: BF094663.D

Acq: 26 Apr 2017 22:38

Tgt Ion:196 Resp: 5000

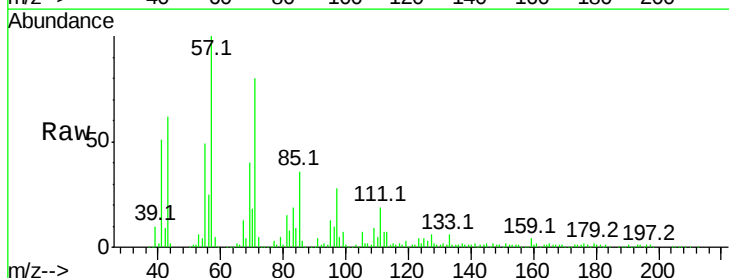
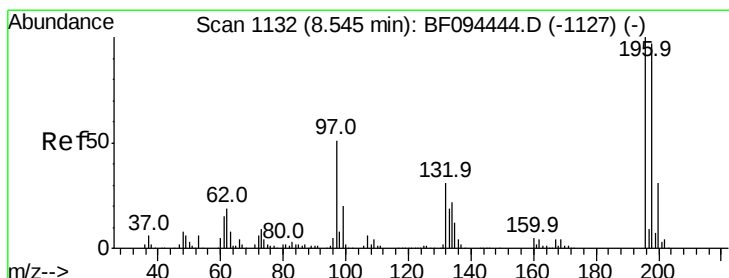
Ion Ratio Lower Upper

196 100

198 6.7 75.7 113.5#

97 2208.5 47.7 71.5#

132 83.7 28.0 42.0#

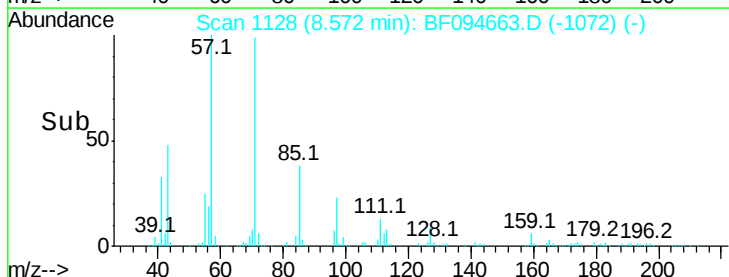
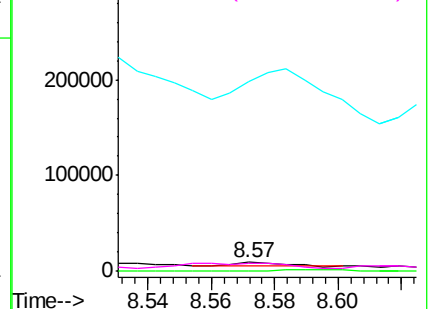


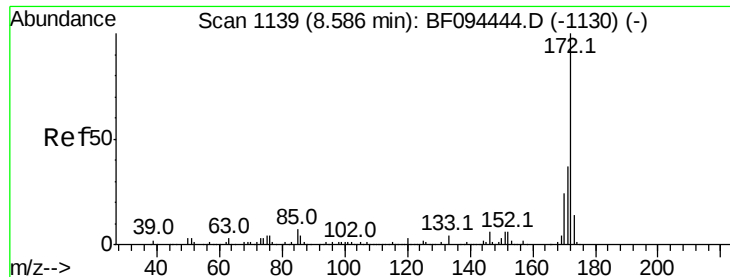
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E

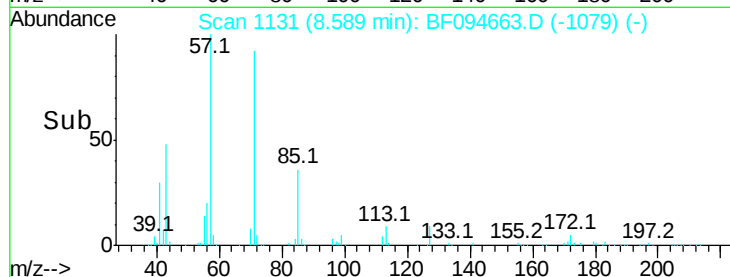
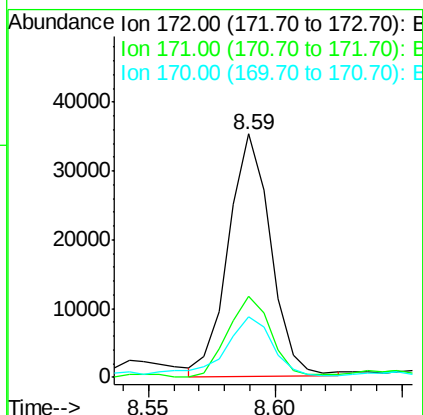
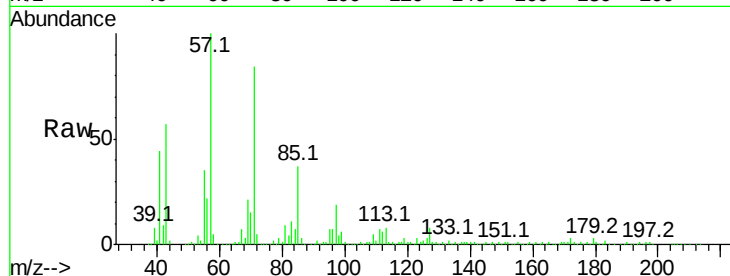




#44
2-Fluorobiphenyl
Concen: 5.15 ng
RT: 8.59 min Scan# 1131
Delta R.T. 0.00 min
Lab File: BF094663.D
Acq: 26 Apr 2017 22:38

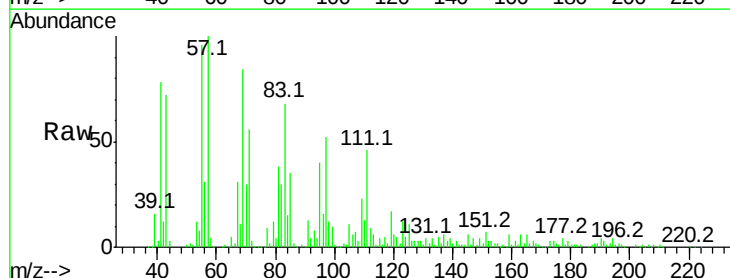
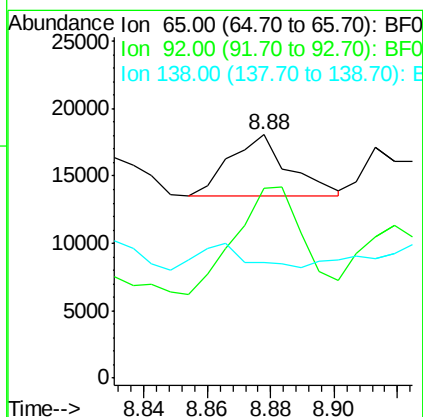
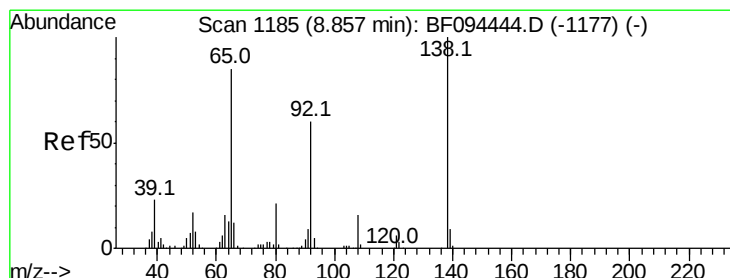
Instrument :
BNA_F
ClientSampled :

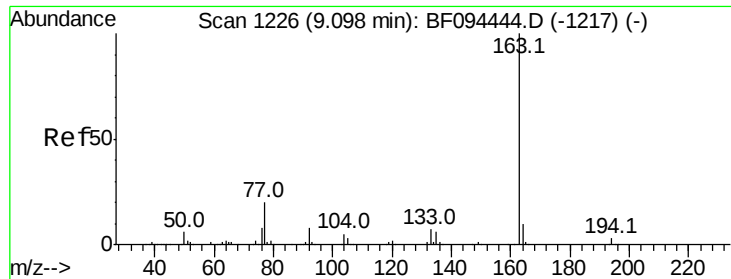
Tot Ion: 172 Resp: 41008
Ion Ratio Lower Upper
172 100
171 33.3 29.6 44.4
170 25.0 19.8 29.8



#47
2-Nitroaniline
Concen: 2.63 ng
RT: 8.88 min Scan# 1180
Delta R.T. 0.02 min
Lab File: BF094663.D
Acq: 26 Apr 2017 22:38

Tgt Ion: 65 Resp: 5764
Ion Ratio Lower Upper
65 100
92 77.8 53.9 80.9
138 47.7 78.8 118.2#





#49

Dimethylphthalate

Concen: 3.16 ng

RT: 9.09 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BF094663.D

Acq: 26 Apr 2017 22:38

Instrument :

BNA_F

ClientSampled :

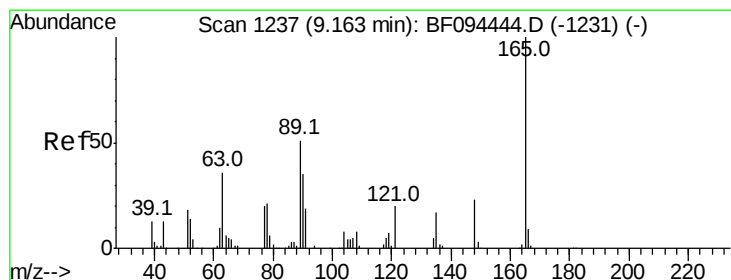
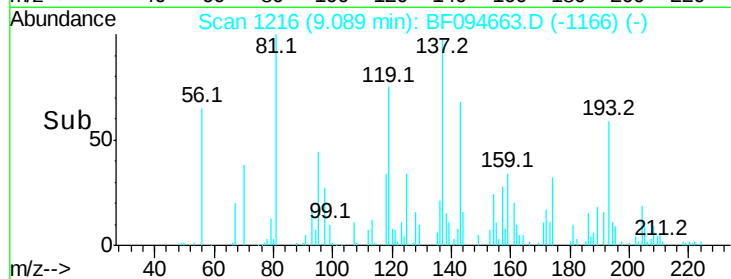
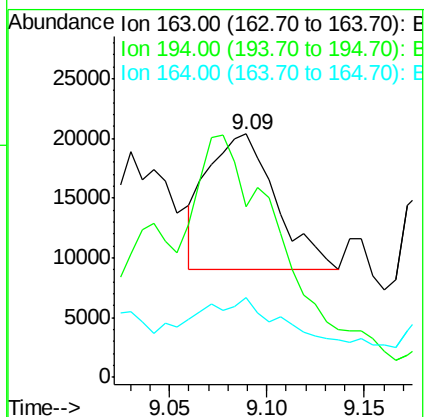
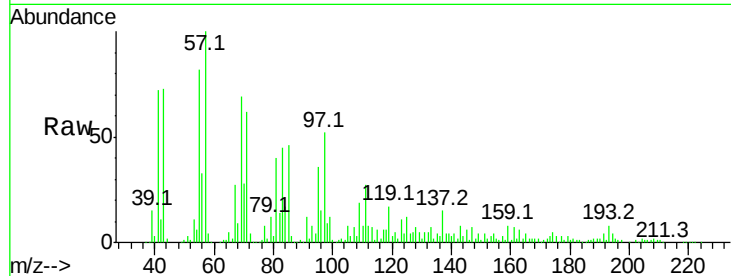
Tot Ion:163 Resp: 27577

Ion Ratio Lower Upper

163 100

194 70.2 2.6 4.0#

164 32.5 8.4 12.6#



#50

2,6-Dinitrotoluene

Concen: 2.41 ng

RT: 9.18 min Scan# 1231

Delta R.T. 0.01 min

Lab File: BF094663.D

Acq: 26 Apr 2017 22:38

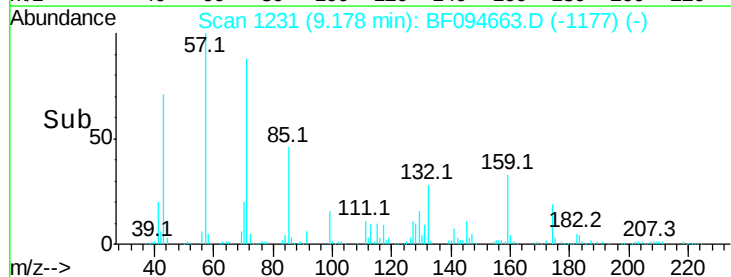
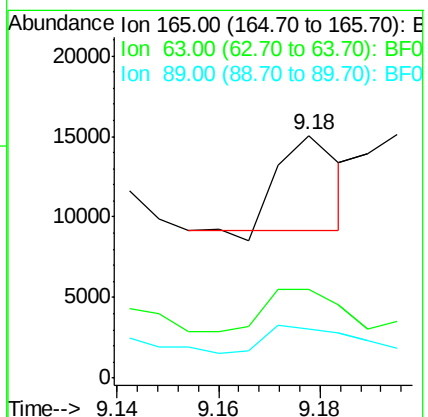
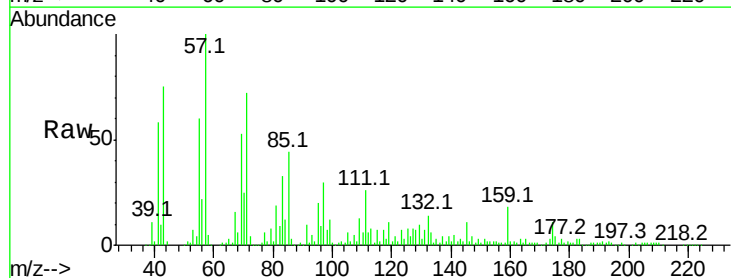
Tgt Ion:165 Resp: 4716

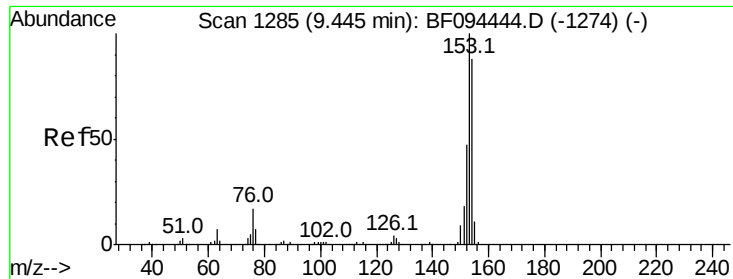
Ion Ratio Lower Upper

165 100

63 36.8 34.3 51.5

89 20.5 37.1 55.7#





#51

Acenaphthene

Concen: 2.11 ng

RT: 9.43 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF094663.D

Acq: 26 Apr 2017 22:38

Instrument :

BNA_F

ClientSampled :

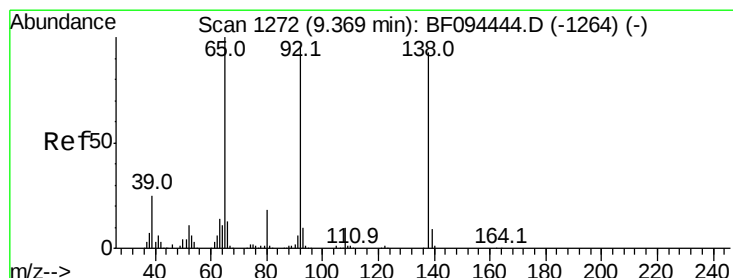
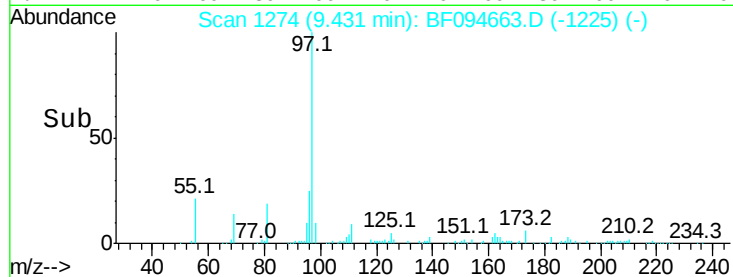
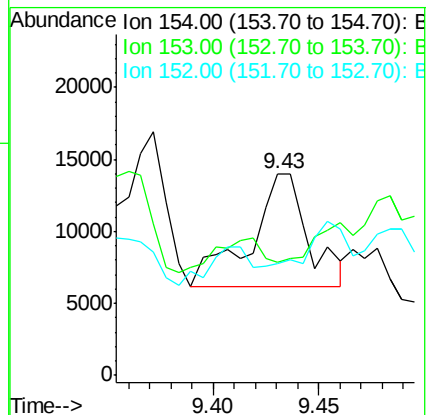
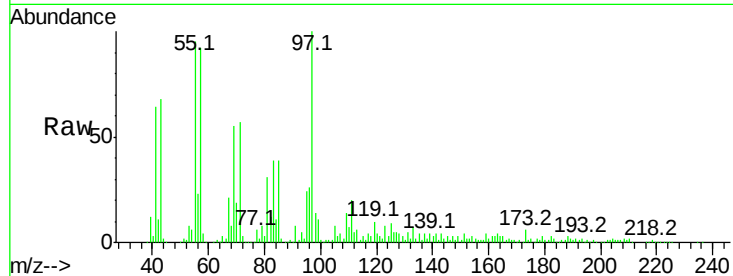
Tot Ion:154 Resp: 15014

Ion Ratio Lower Upper

154 100

153 55.9 90.5 135.7#

152 55.3 43.6 65.4



#52

3-Nitroaniline

Concen: 2.06 ng

RT: 9.36 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BF094663.D

Acq: 26 Apr 2017 22:38

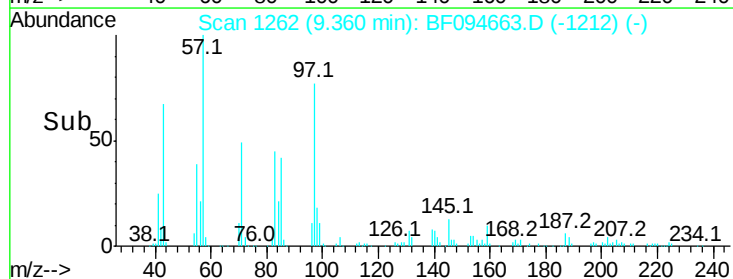
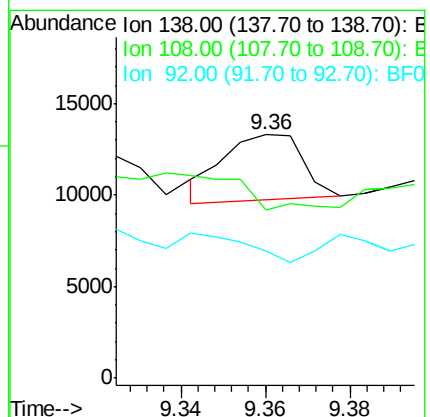
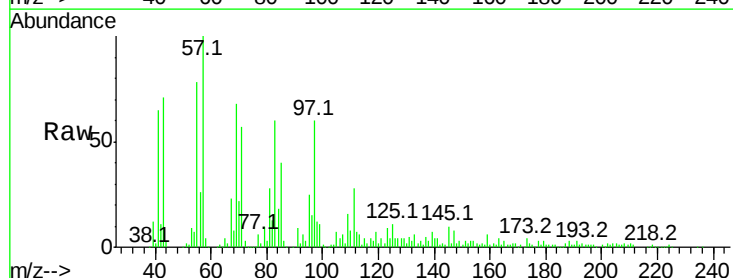
Tgt Ion:138 Resp: 4678

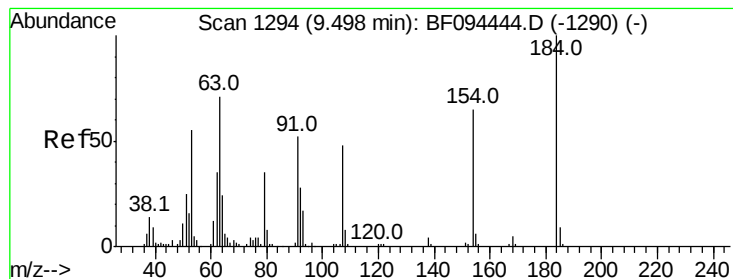
Ion Ratio Lower Upper

138 100

108 68.9 9.1 13.7#

92 52.0 93.8 140.6#





#53

2,4-Dinitrophenol

Concen: 8.08 na

RT: 9.54 min Scan# 1292

Delta R.T. 0.04 min

Lab File: BF094663.D

Acq: 26 Apr 2017 22:38

Instrument :

BNA_F

ClientSampleId :

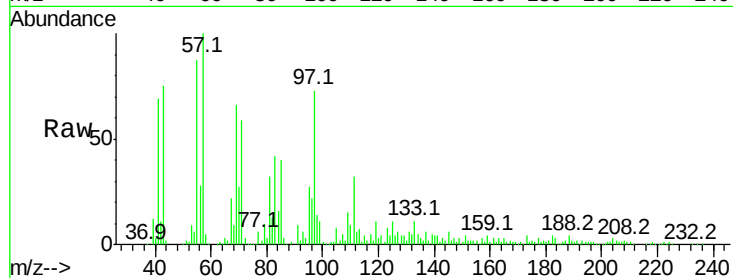
Tot Ion:184 Resp: 2657

Ion Ratio Lower Upper

184 100

63 139.9 62.7 94.1#

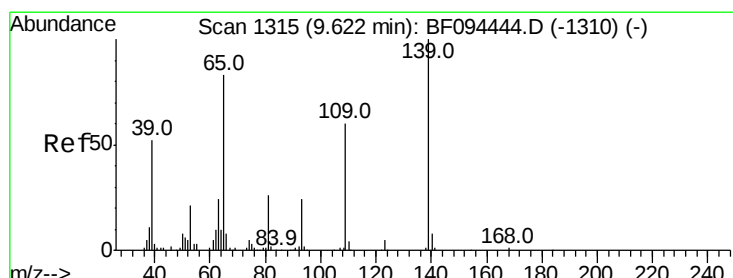
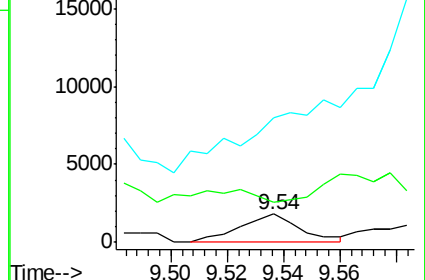
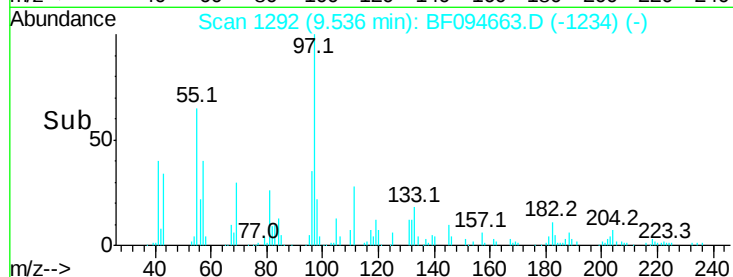
154 439.3 81.1 121.7#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#55

4-Nitrophenol

Concen: 9.51 ng

RT: 9.63 min Scan# 1308

Delta R.T. 0.01 min

Lab File: BF094663.D

Acq: 26 Apr 2017 22:38

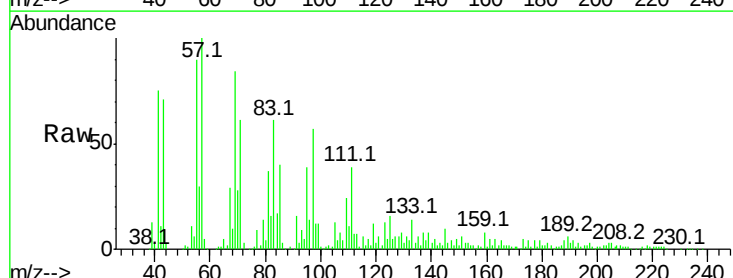
Tgt Ion:139 Resp: 15232

Ion Ratio Lower Upper

139 100

109 297.9 34.1 74.1#

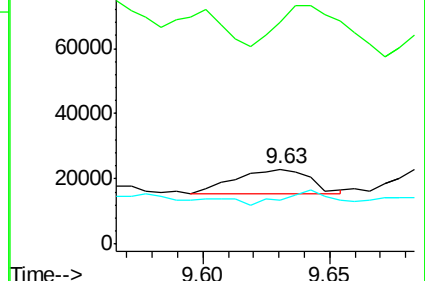
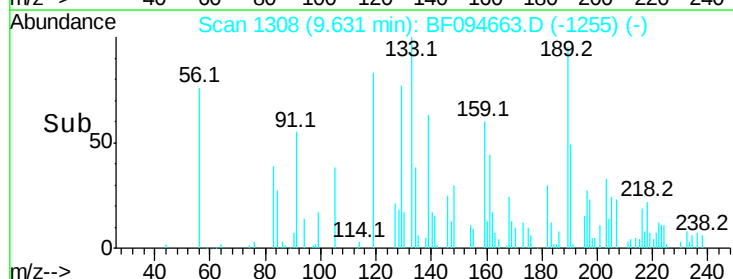
65 58.8 31.4 71.4

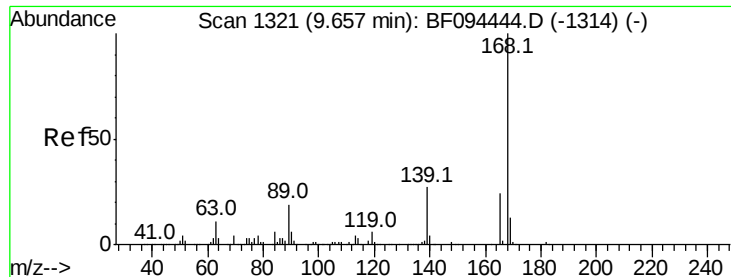


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

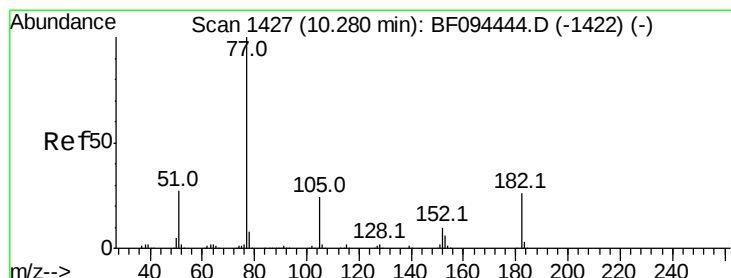
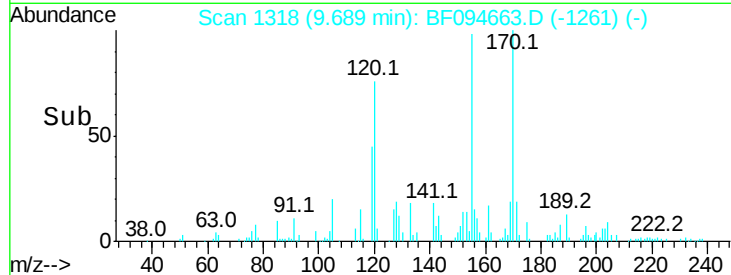
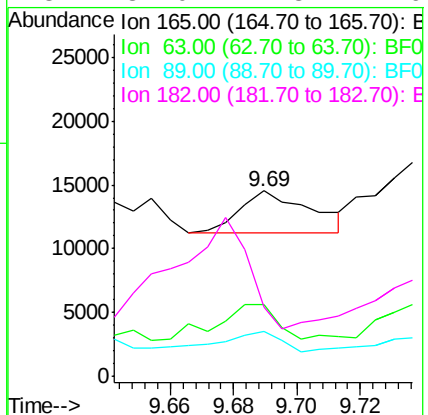
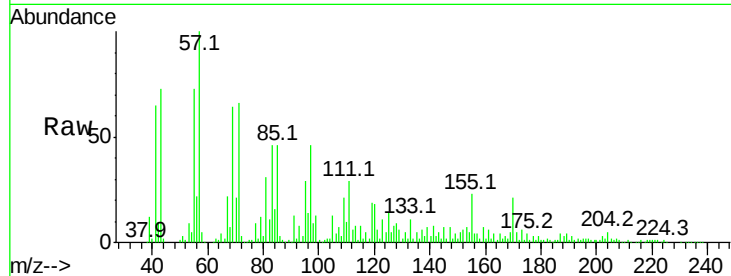




#56
 2,4-Dinitrotoluene
 Concen: 2.13 ng
 RT: 9.69 min Scan# 1318
 Delta R.T. 0.03 min
 Lab File: BF094663.D
 Acq: 26 Apr 2017 22:38

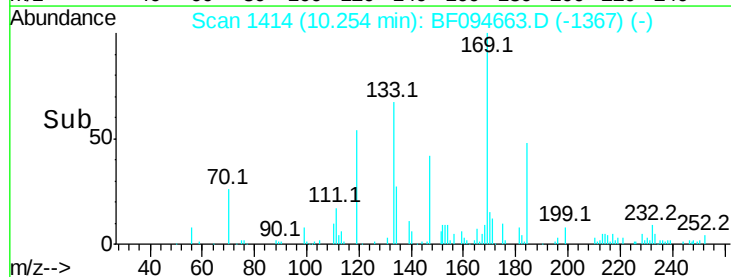
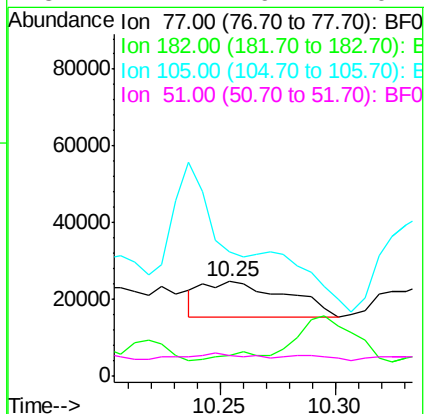
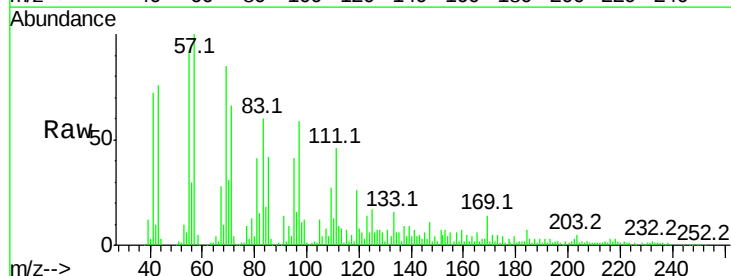
Instrument :
 BNA_F
 ClientSampleId :

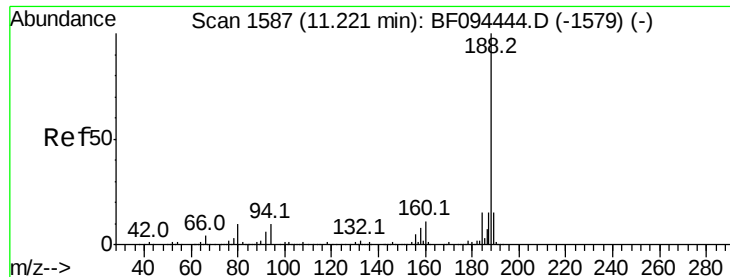
Tot Ion:165 Resp: 5115
 Ion Ratio Lower Upper
 165 100
 63 38.8 25.4 38.0#
 89 24.0 46.4 69.6#
 182 37.0 1.8 2.6#



#62
 Azobenzene
 Concen: 2.97 ng
 RT: 10.25 min Scan# 1414
 Delta R.T. -0.03 min
 Lab File: BF094663.D
 Acq: 26 Apr 2017 22:38

Tgt Ion: 77 Resp: 23743
 Ion Ratio Lower Upper
 77 100
 182 21.7 0.1 40.1
 105 130.7 3.6 43.6#
 51 21.2 9.4 49.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.24 min Scan# 1581

Delta R.T. 0.01 min

Lab File: BF094663.D

Acq: 26 Apr 2017 22:38

Instrument :

BNA_F

ClientSampled :

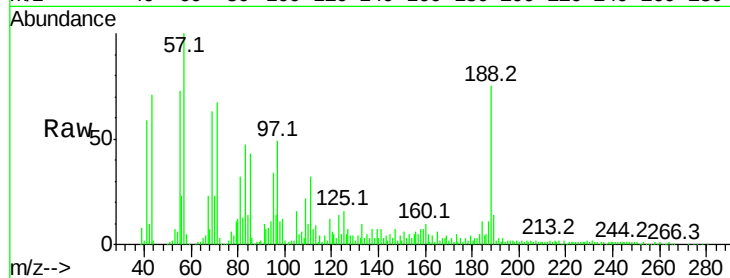
Tot Ion:188 Resp: 210329

Ion Ratio Lower Upper

188 100

94 15.2 9.4 14.2#

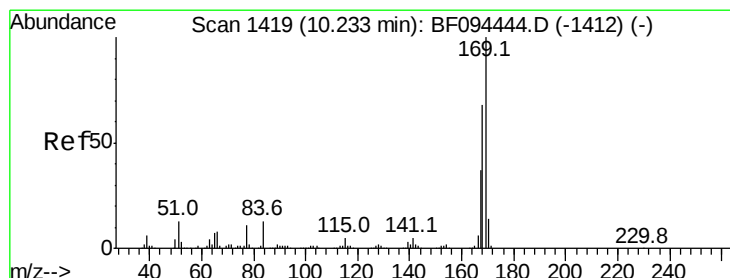
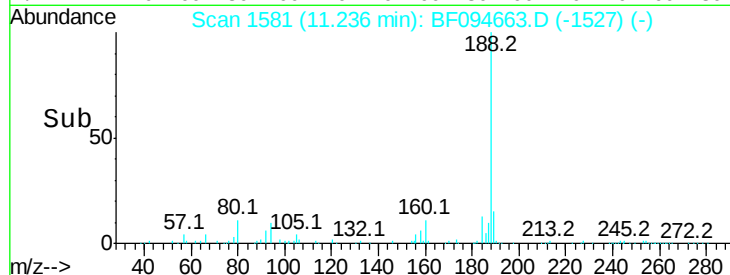
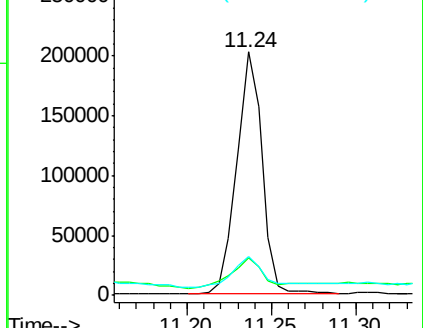
80 16.0 10.2 15.2#



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



#65

n-Nitrosodiphenylamine

Concen: 3.26 ng

RT: 10.25 min Scan# 1413

Delta R.T. 0.01 min

Lab File: BF094663.D

Acq: 26 Apr 2017 22:38

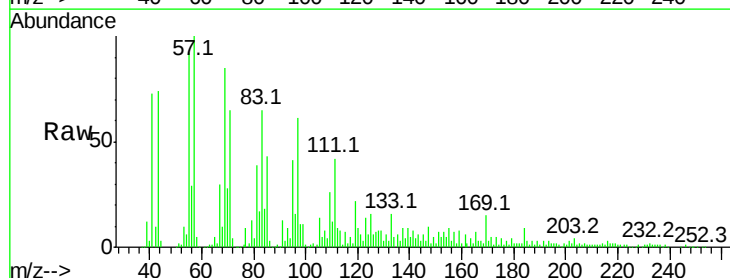
Tgt Ion:169 Resp: 23844

Ion Ratio Lower Upper

169 100

168 16.0 53.2 79.8#

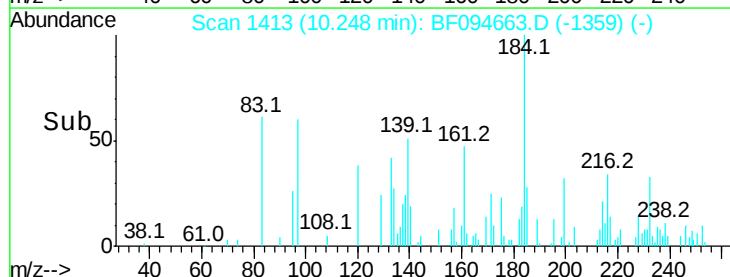
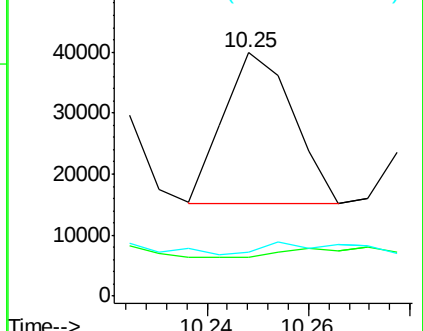
167 17.9 29.5 44.3#

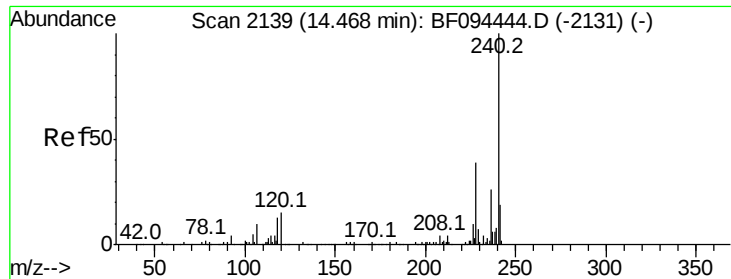


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.47 min Scan# 2130

Delta R.T. -0.00 min

Lab File: BF094663.D

Acq: 26 Apr 2017 22:38

Instrument :

BNA_F

ClientSampleId :

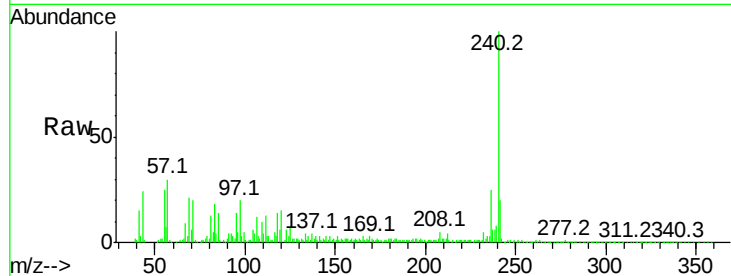
Tot Ion:240 Resp: 222703

Ion Ratio Lower Upper

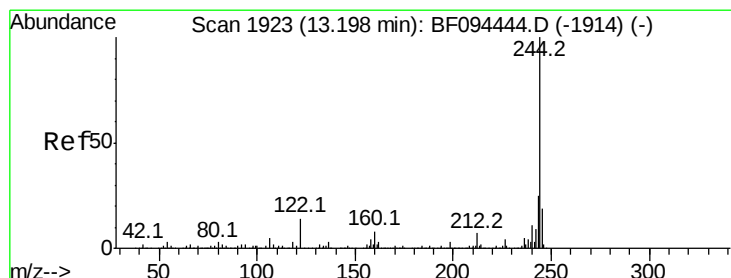
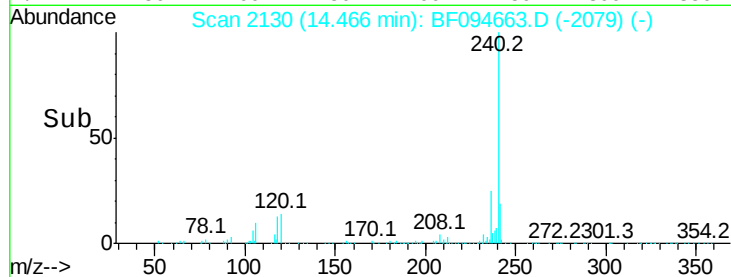
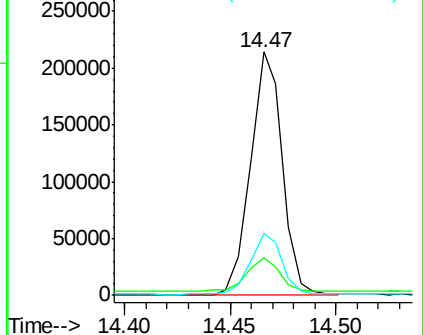
240 100

120 15.4 5.8 8.8#

236 25.4 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



#78

Terphenyl-d14

Concen: 6.38 ng

RT: 13.20 min Scan# 1914

Delta R.T. -0.00 min

Lab File: BF094663.D

Acq: 26 Apr 2017 22:38

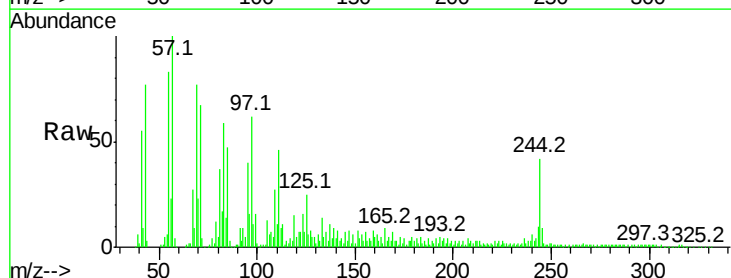
Tgt Ion:244 Resp: 53183

Ion Ratio Lower Upper

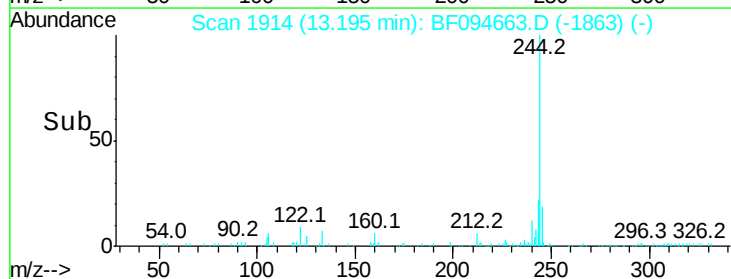
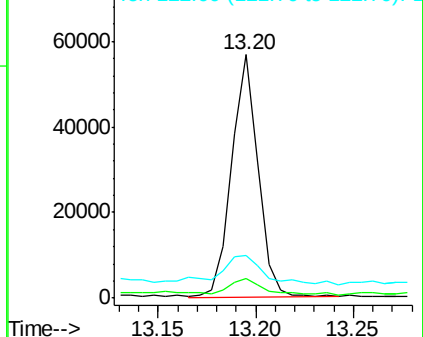
244 100

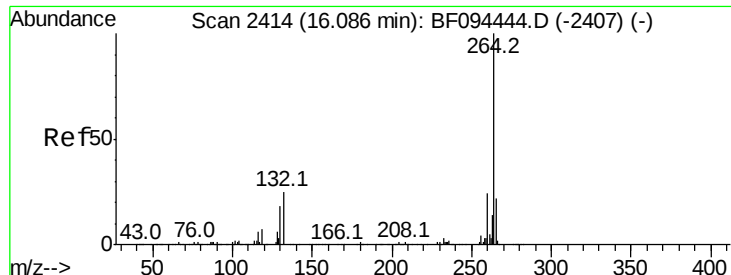
212 8.2 6.0 9.0

122 17.4 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

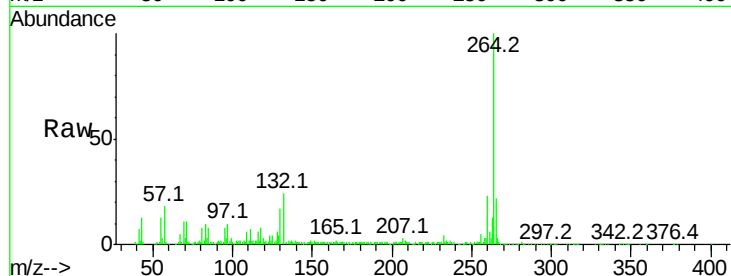




#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.09 min Scan# 2406
Delta R.T. 0.00 min
Lab File: BF094663.D
Acq: 26 Apr 2017 22:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	21.8	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

