

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041717\
 Data File : BF094452.D
 Acq On : 17 Apr 2017 16:33
 Operator : SJ/MA
 Sample : PB98268BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 18 00:57:34 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	5.76	152	153797	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	621030	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	287799	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	529262	20.00	ng	0.00
75) Chrysene-d12	14.46	240	461824	20.00	ng	0.00
86) Perylene-d12	16.08	264	353080	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	4.32	112	1121112	120.94	ng	0.01
7) Phenol-d6	5.39	99	1386879	126.90	ng	0.00
23) Nitrobenzene-d5	6.41	82	858497	85.36	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	247864	110.11	ng	0.00
44) 2-Fluorobiphenyl	8.59	172	1594812	81.53	ng	0.00
78) Terphenyl-d14	13.20	244	1407238	81.45	ng	0.00

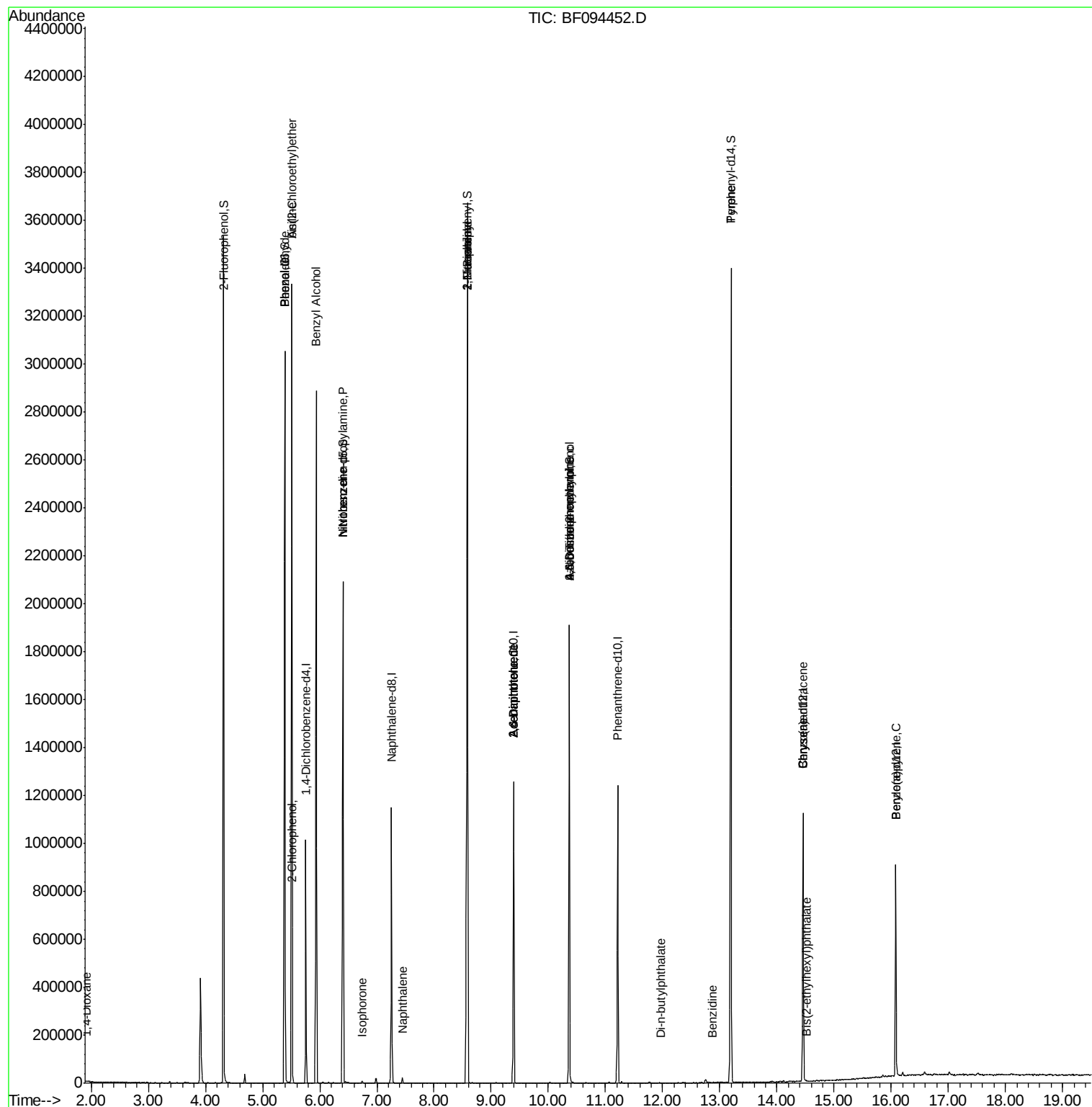
Target Compounds						Qvalue
2) 1,4-Dioxane	1.92	88	151	0.03	ng	# 21
6) Aniline	5.51	93	1536	0.11	ng	# 1
8) 2-Chlorophenol	5.53	128	1186	0.11	ng	94
9) Benzaldehyde	5.39	77	2109	0.25	ng	# 1
10) Phenol	5.39	94	146	0.01	ng	# 1
11) bis(2-Chloroethyl)ether	5.51	93	1536	0.16	ng	# 1
15) Benzyl Alcohol	5.94	79	14162	1.75	ng	# 46
19) n-Nitroso-di-n-propylamine	6.41	70	112960	15.60	ng	# 79
24) Nitrobenzene	6.41	77	2124	0.20	ng	# 38
25) Isophorone	6.74	82	604	0.03	ng	# 67
31) Naphthalene	7.45	128	1087	0.04	ng	# 1
45) 1,1'-Biphenyl	8.59	154	2847	0.12	ng	# 1
47) 2-Nitroaniline	8.58	65	2217	0.41	ng	# 4
50) 2,6-Dinitrotoluene	9.39	165	37032	7.69	ng	# 33
51) Acenaphthene	9.39	154	952	0.05	ng	# 4
56) 2,4-Dinitrotoluene	9.39	165	37041	6.27	ng	# 32
62) Azobenzene	10.37	77	1320	0.07	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.37	198	662	0.19	ng	# 1
65) n-Nitrosodiphenylamine	10.37	169	9205	0.50	ng	# 44
73) Di-n-butylphthalate	11.96	149	478	0.02	ng	# 78
76) Benzidine	12.88	184	372	0.02	ng	# 62
77) Pyrene	13.20	202	4806	0.15	ng	# 62
80) Benzo(a)anthracene	14.46	228	982	0.04	ng	# 55
82) Chrysene	14.46	228	982	0.04	ng	# 52
83) Bis(2-ethylhexyl)phthalate	14.52	149	323	0.02	ng	# 52
89) Benzo(a)pyrene	16.09	252	1062	0.05	ng	# 35

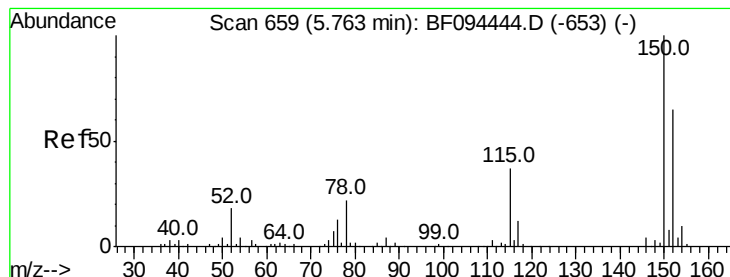
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.76 min Scan# 658

Delta R.T. -0.01 min

Lab File: BF094452.D

Acq: 17 Apr 2017 16:33

Instrument :

BNA_F

ClientSampleId :

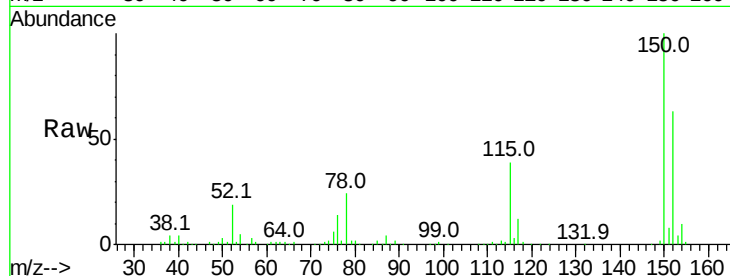
Tot Ion:152 Resp: 153797

Ion Ratio Lower Upper

152 100

150 158.2 126.2 189.2

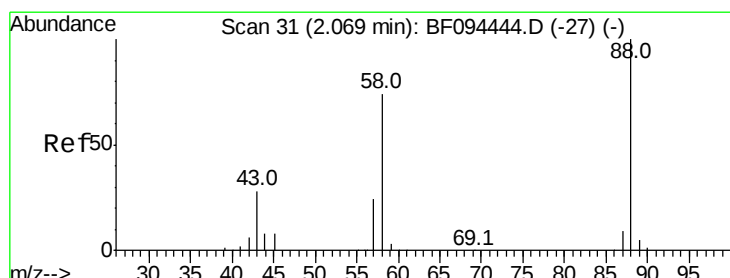
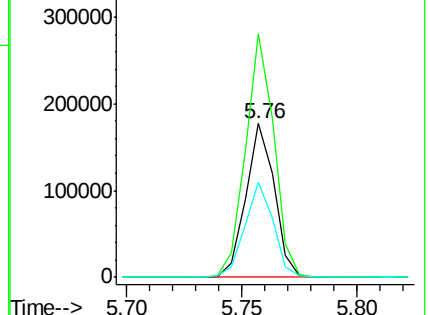
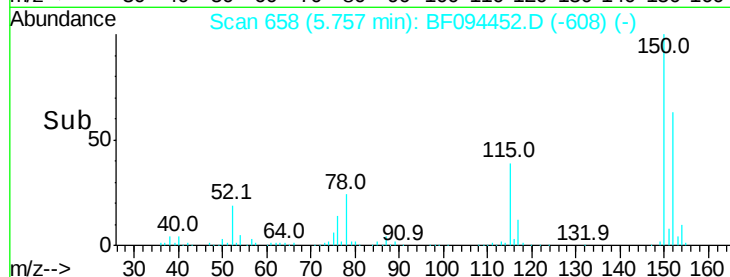
115 61.7 52.2 78.2



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



#2

1,4-Dioxane

Concen: 0.03 ng

RT: 1.92 min Scan# 5

Delta R.T. -0.15 min

Lab File: BF094452.D

Acq: 17 Apr 2017 16:33

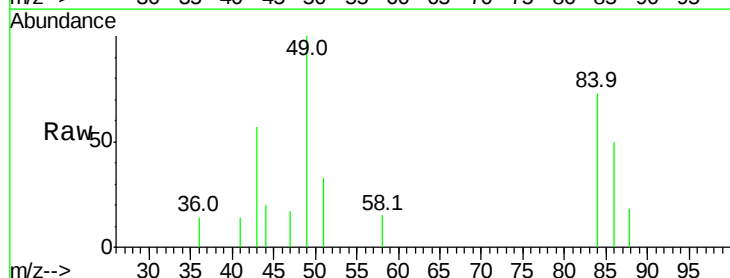
Tgt Ion: 88 Resp: 151

Ion Ratio Lower Upper

88 100

58 0.0 61.4 92.0#

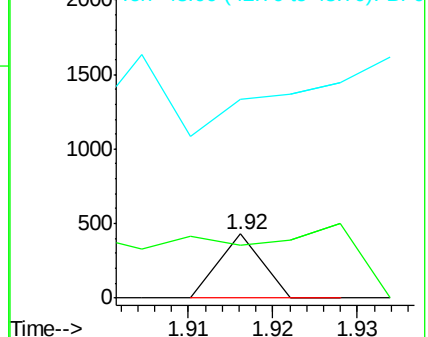
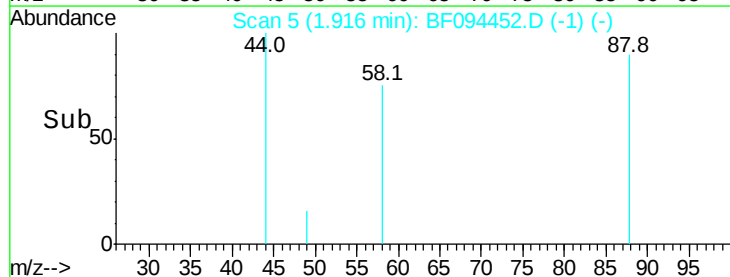
43 0.0 23.4 35.0#

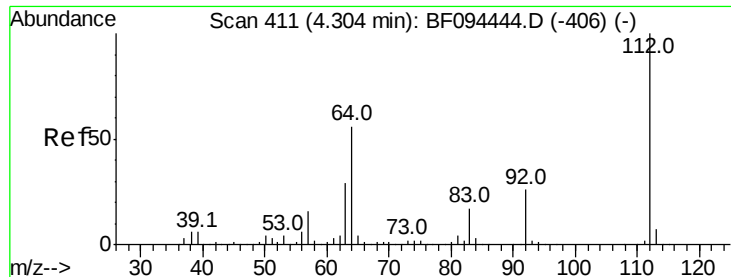


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 120.94 ng

RT: 4.32 min Scan# 413

Delta R.T. 0.01 min

Lab File: BF094452.D

Acq: 17 Apr 2017 16:33

Instrument :
BNA_F
ClientSampled :

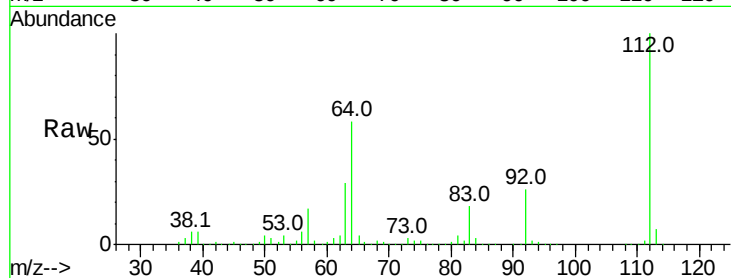
Tot Ion:112 Resp: 1121112

Ion Ratio Lower Upper

112 100

64 58.1 46.0 69.0

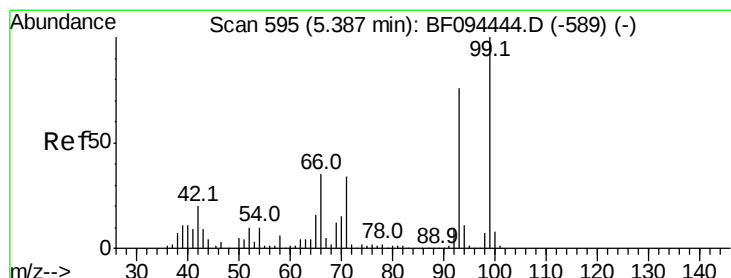
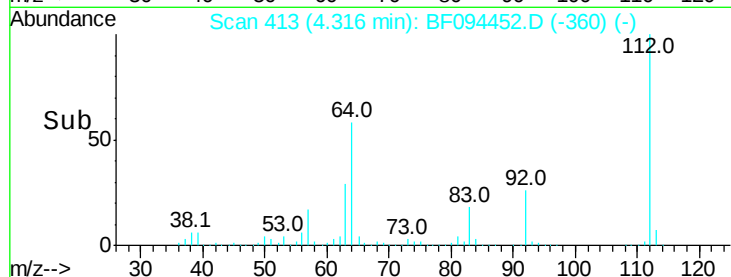
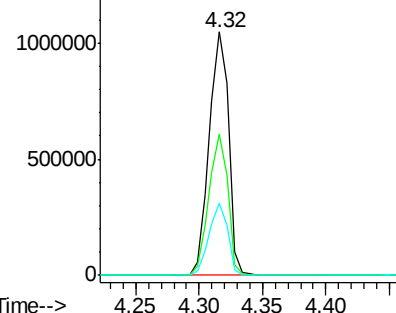
63 29.4 23.4 35.0



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



#6

Aniline

Concen: 0.11 ng

RT: 5.51 min Scan# 616

Delta R.T. 0.12 min

Lab File: BF094452.D

Acq: 17 Apr 2017 16:33

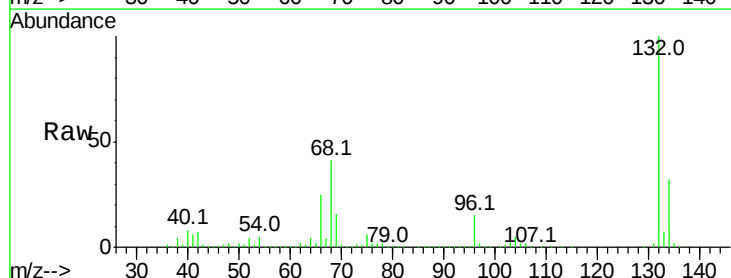
Tgt Ion: 93 Resp: 1536

Ion Ratio Lower Upper

93 100

66 18074.7 32.9 49.3#

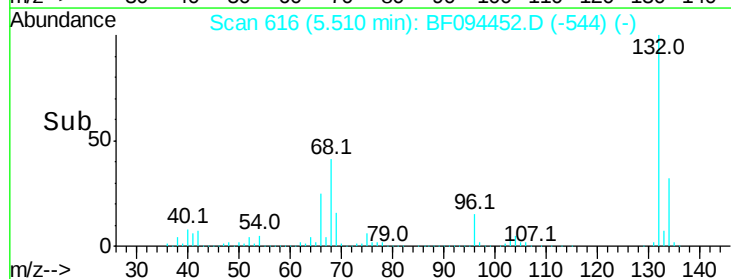
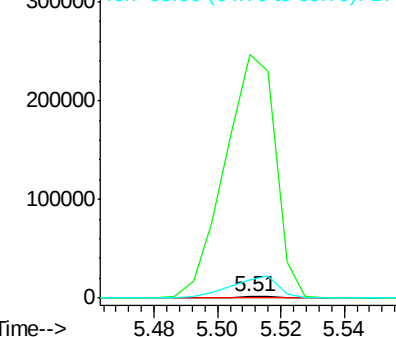
65 1364.4 16.0 24.0#

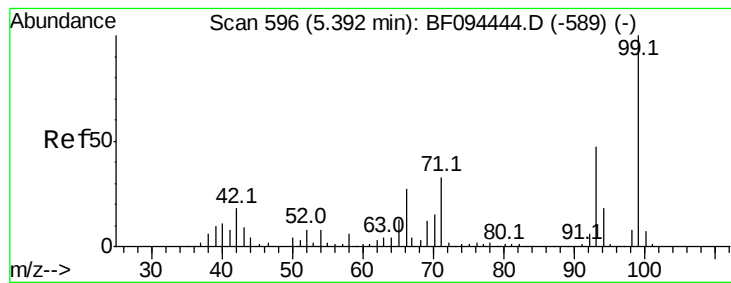


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 126.90 ng

RT: 5.39 min Scan# 596

Delta R.T. 0.00 min

Lab File: BF094452.D

Acq: 17 Apr 2017 16:33

Instrument :

BNA_F

ClientSampled :

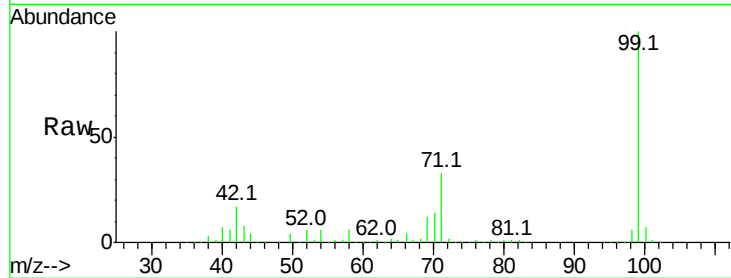
Tot Ion: 99 Resp: 1386879

Ion Ratio Lower Upper

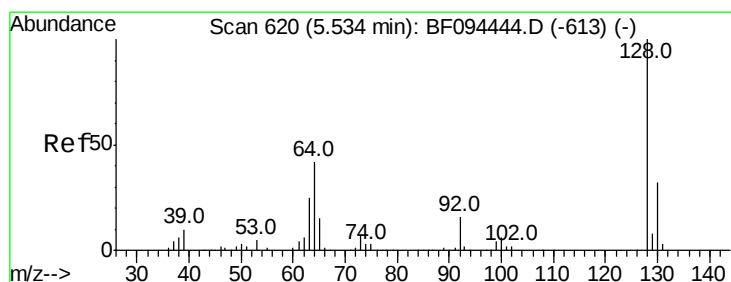
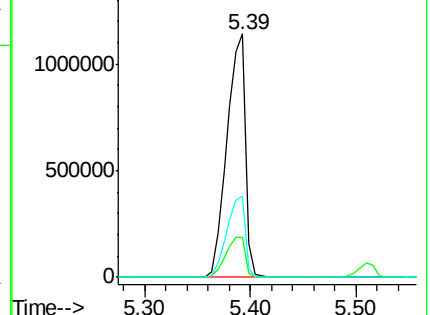
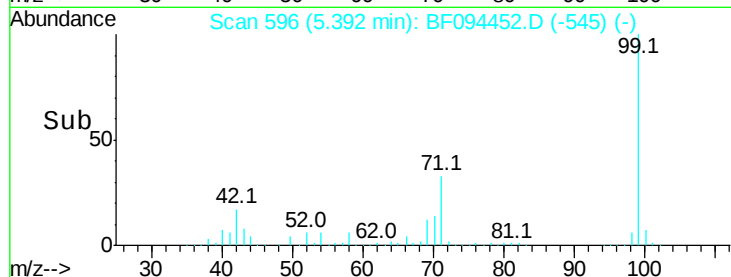
99 100

42 16.7 13.5 20.3

71 33.2 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



#8

2-Chlorophenol

Concen: 0.11 ng

RT: 5.53 min Scan# 619

Delta R.T. -0.01 min

Lab File: BF094452.D

Acq: 17 Apr 2017 16:33

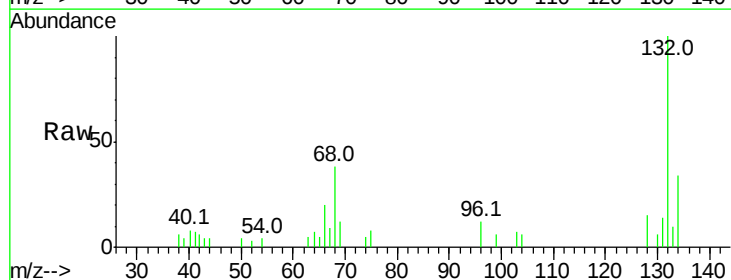
Tgt Ion:128 Resp: 1186

Ion Ratio Lower Upper

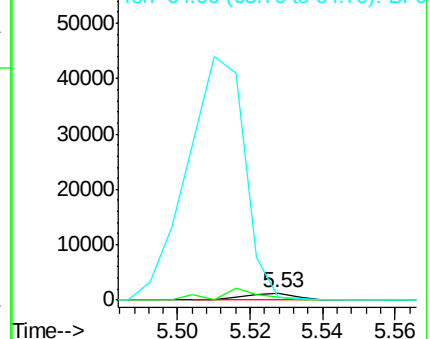
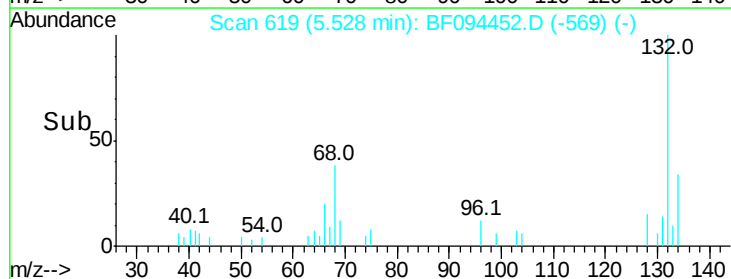
128 100

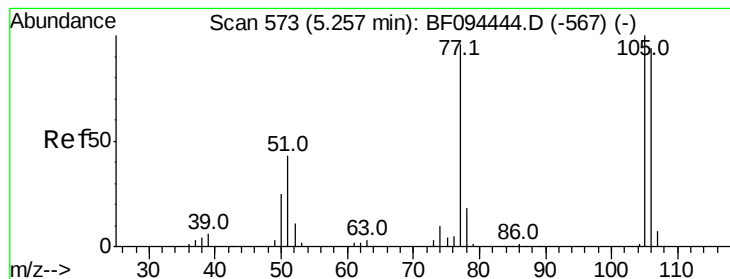
130 40.8 12.9 52.9

64 47.7 28.4 68.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 0.25 ng

RT: 5.39 min Scan# 596

Delta R.T. 0.14 min

Lab File: BF094452.D

Acq: 17 Apr 2017 16:33

Instrument :

BNA_F

ClientSampled :

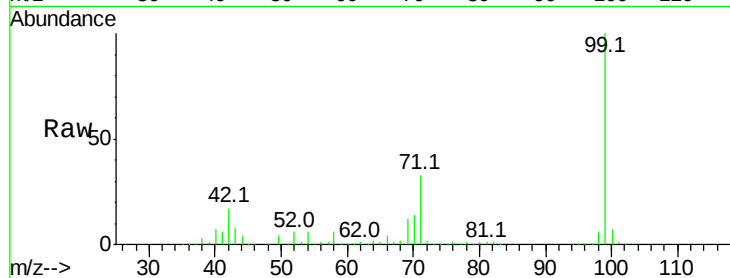
Tot Ion: 77 Resp: 2109

Ion Ratio Lower Upper

77 100

105 0.0 83.8 123.8#

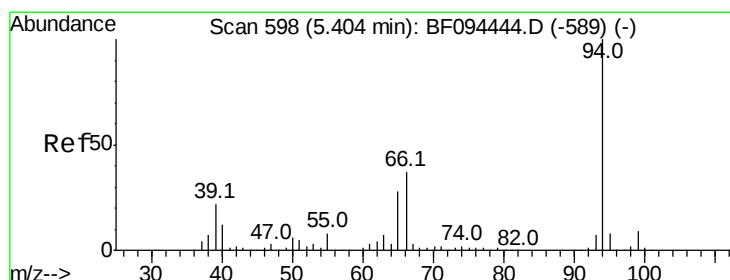
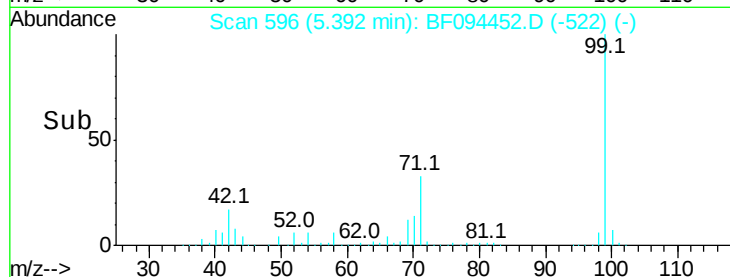
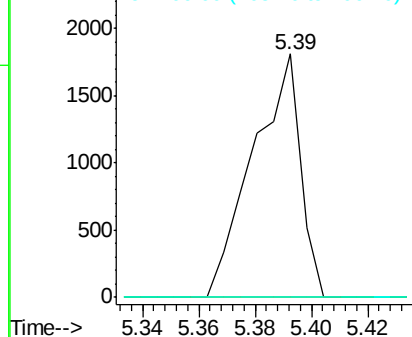
106 0.0 79.1 119.1#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 0.01 ng

RT: 5.39 min Scan# 596

Delta R.T. -0.01 min

Lab File: BF094452.D

Acq: 17 Apr 2017 16:33

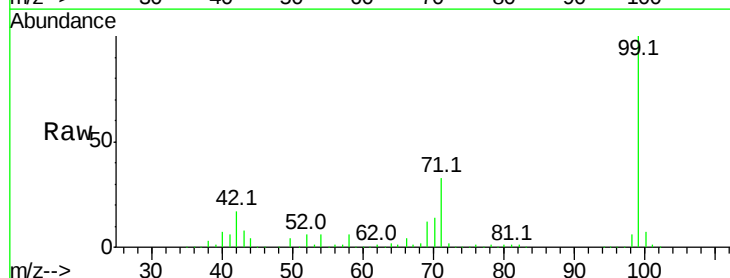
Tgt Ion: 94 Resp: 146

Ion Ratio Lower Upper

94 100

65 2196.9 9.9 49.9#

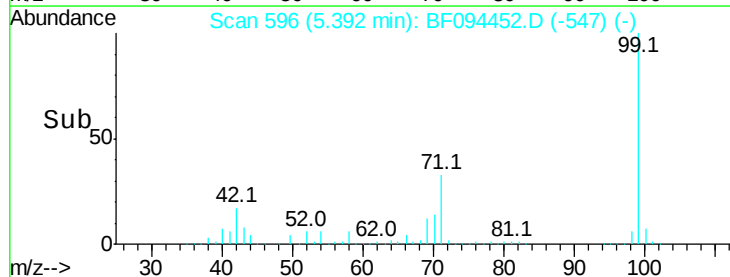
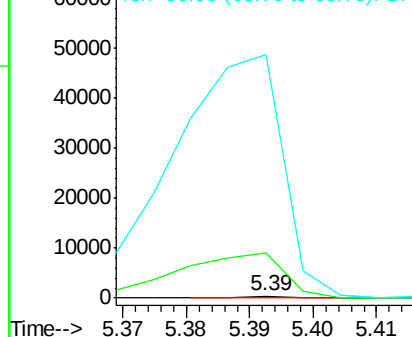
66 11735.9 23.1 63.1#

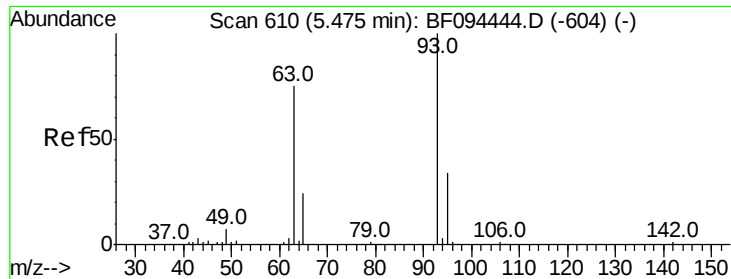


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

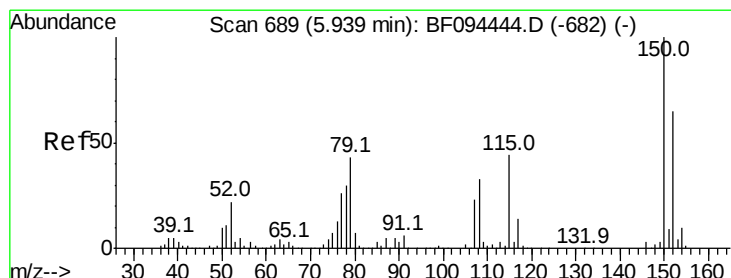
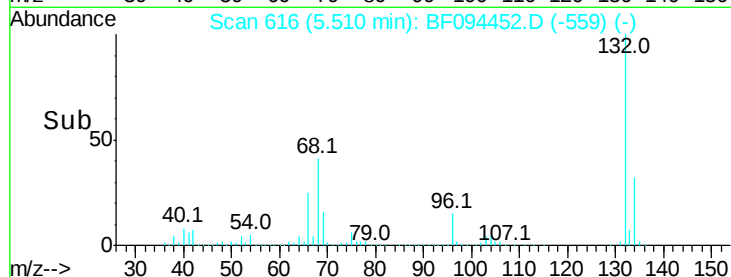
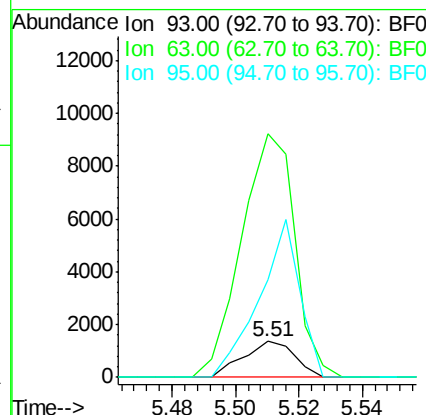
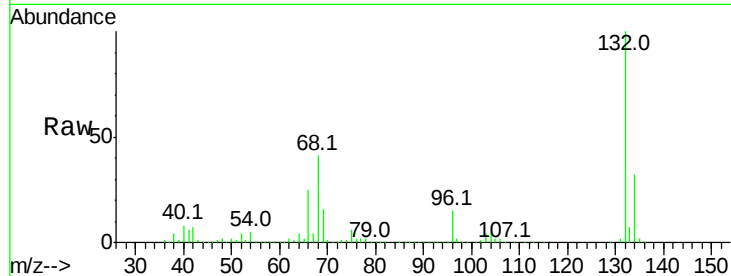




#11
 bis(2-Chloroethyl)ether
 Concen: 0.16 ng
 RT: 5.51 min Scan# 616
 Delta R.T. 0.04 min
 Lab File: BF094452.D
 Acq: 17 Apr 2017 16:33

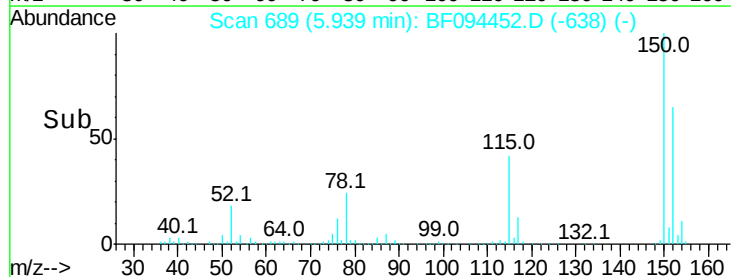
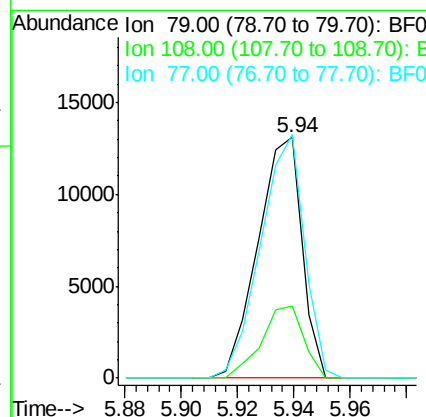
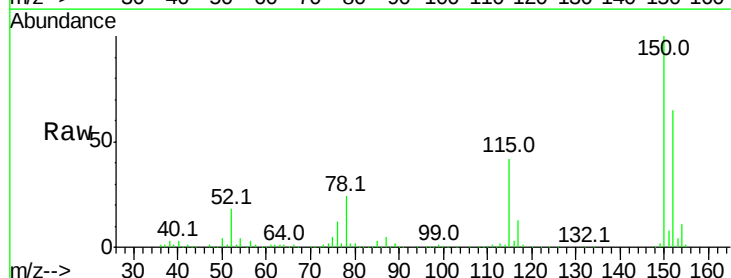
Instrument :
 BNA_F
 ClientSampleId :

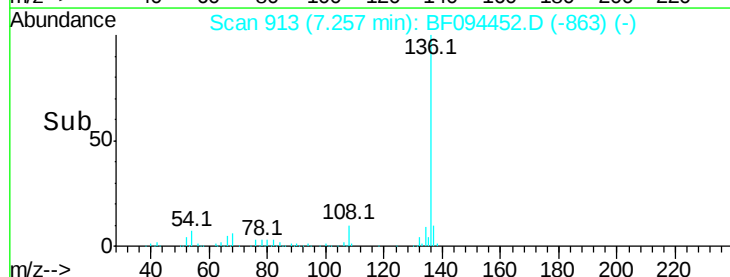
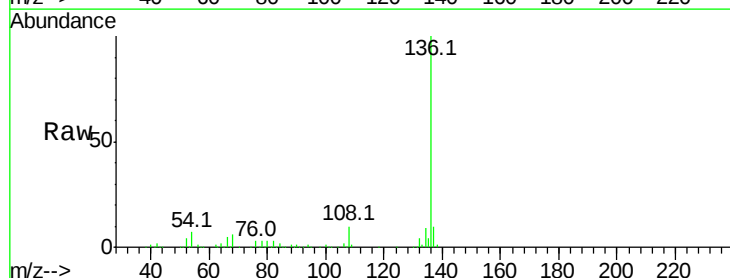
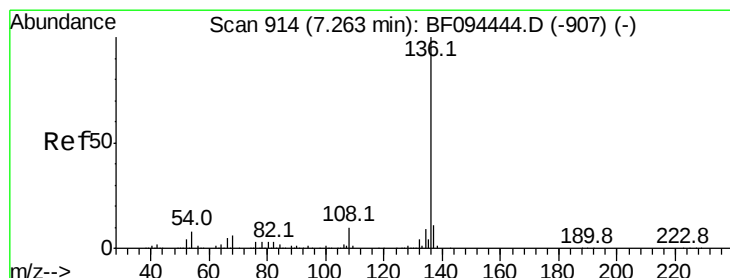
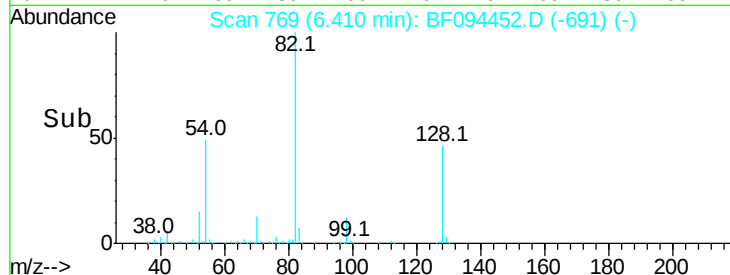
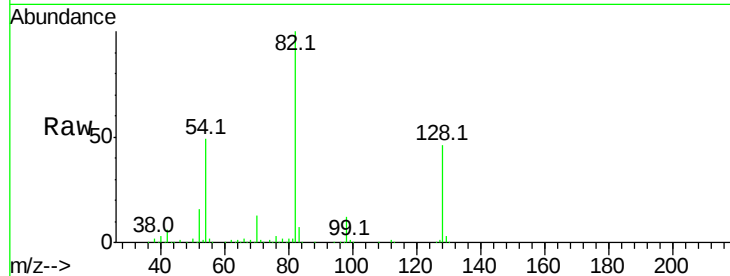
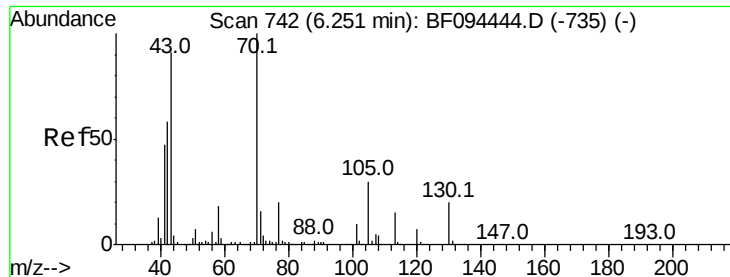
Tot Ion: 93 Resp: 1536
 Ion Ratio Lower Upper
 93 100
 63 675.7 59.2 99.2#
 95 271.3 12.8 52.8#



#15
 Benzyl Alcohol
 Concen: 1.75 ng
 RT: 5.94 min Scan# 689
 Delta R.T. 0.00 min
 Lab File: BF094452.D
 Acq: 17 Apr 2017 16:33

Tgt Ion: 79 Resp: 14162
 Ion Ratio Lower Upper
 79 100
 108 30.0 63.4 95.0#
 77 101.3 49.2 73.8#

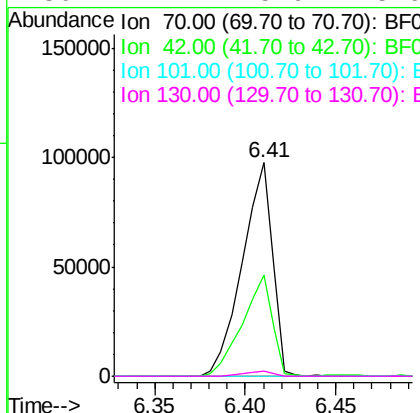




#19
n-Nitroso-di-n-propylamine
Concen: 15.60 ng
RT: 6.41 min Scan# 769
Delta R.T. 0.16 min
Lab File: BF094452.D
Acq: 17 Apr 2017 16:33

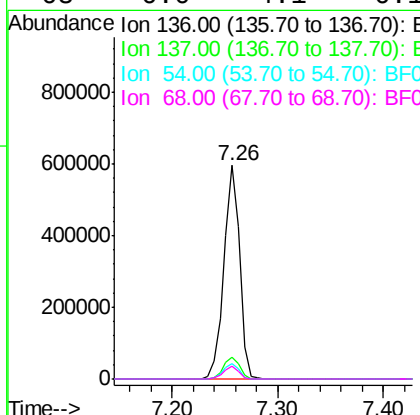
Instrument :
BNA_F
ClientSampleId :

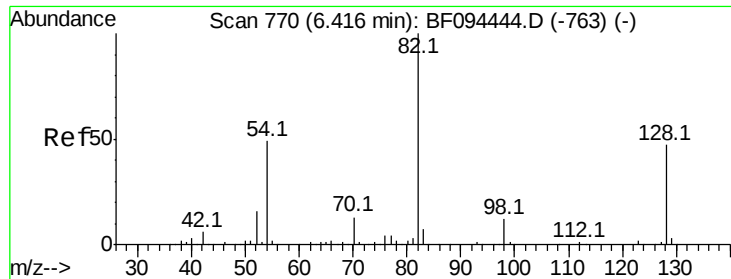
Tot Ion: 70 Resp: 112960
Ion Ratio Lower Upper
70 100
42 47.5 47.2 70.8
101 0.0 7.2 10.8#
130 2.7 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.26 min Scan# 913
Delta R.T. -0.01 min
Lab File: BF094452.D
Acq: 17 Apr 2017 16:33

Tgt Ion:136 Resp: 621030
Ion Ratio Lower Upper
136 100
137 10.5 8.5 12.7
54 7.4 4.9 7.3#
68 6.0 4.1 6.1

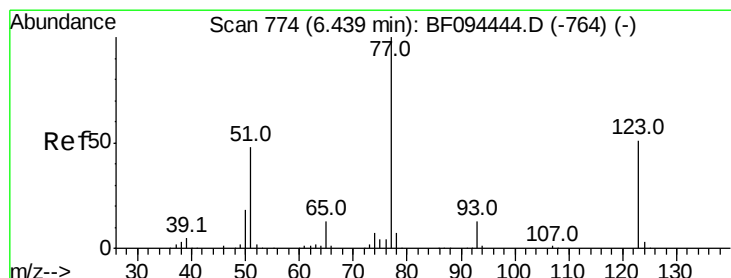
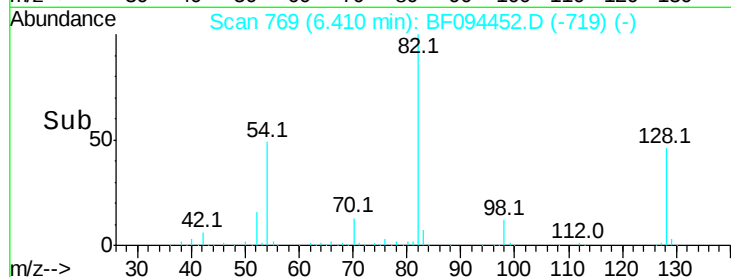
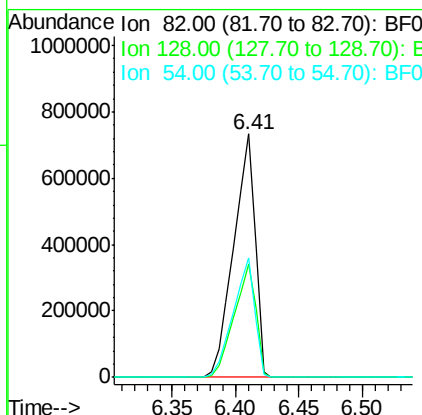
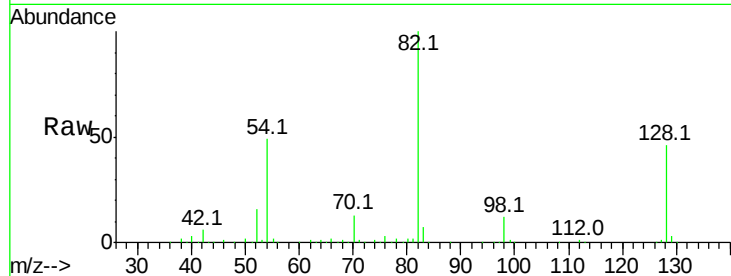




#23
 Nitrobenzene-d5
 Concen: 85.36 ng
 RT: 6.41 min Scan# 769
 Delta R.T. -0.01 min
 Lab File: BF094452.D
 Acq: 17 Apr 2017 16:33

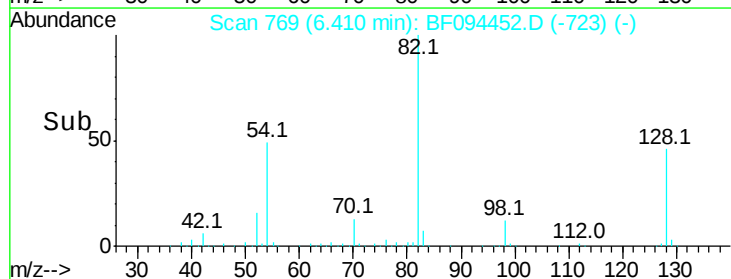
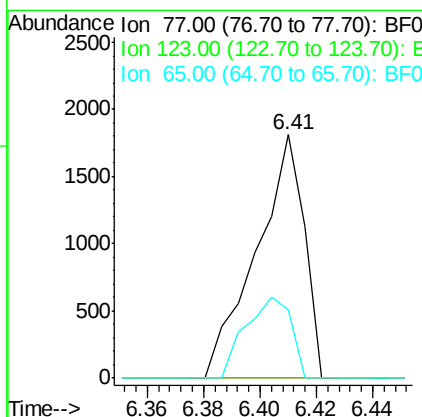
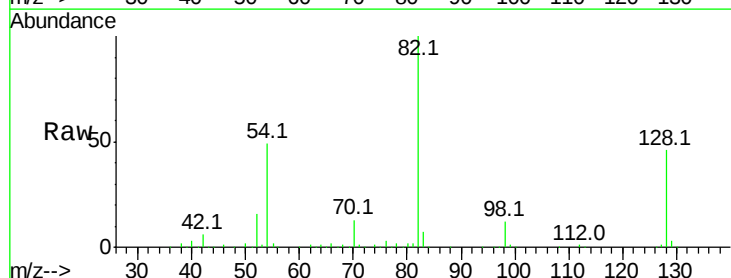
Instrument :
 BNA_F
 ClientSampled :

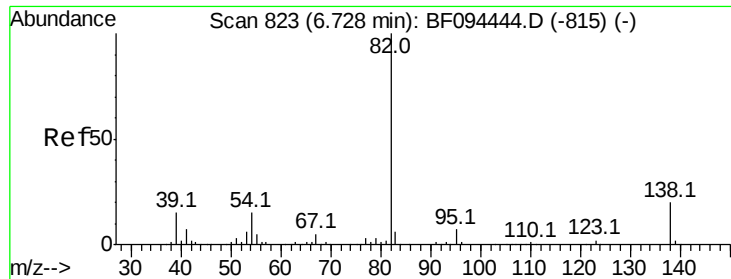
Tot Ion	82	Resp	858497
Ion Ratio	100	Lower	Upper
128	46.3	34.0	51.0
54	48.8	42.2	63.2



#24
 Nitrobenzene
 Concen: 0.20 ng
 RT: 6.41 min Scan# 769
 Delta R.T. -0.03 min
 Lab File: BF094452.D
 Acq: 17 Apr 2017 16:33

Tgt Ion	77	Resp	2124
Ion Ratio	100	Lower	Upper
123	0.0	35.8	53.8#
65	28.1	10.6	15.8#





#25

Isophorone

Concen: 0.03 ng

RT: 6.74 min Scan# 825

Delta R.T. 0.01 min

Lab File: BF094452.D

Acq: 17 Apr 2017 16:33

Instrument :

BNA_F

ClientSampleId :

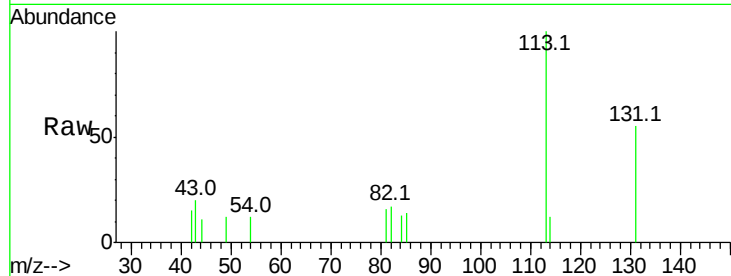
Tot Ion: 82 Resp: 604

Ion Ratio Lower Upper

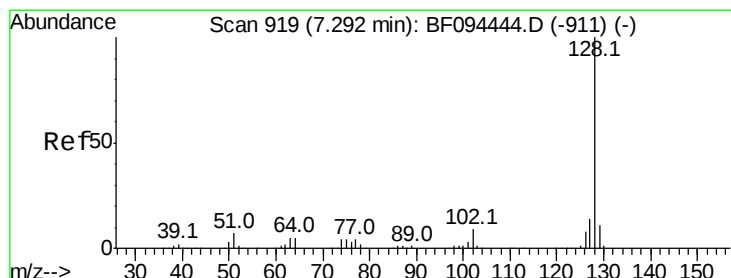
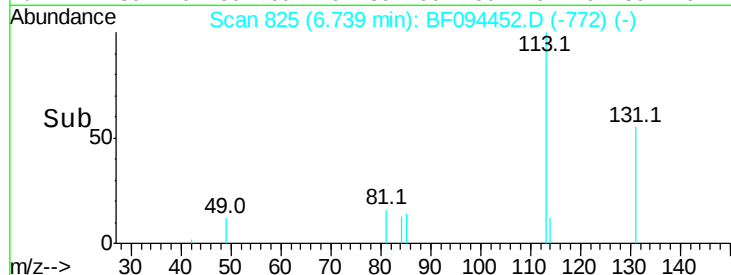
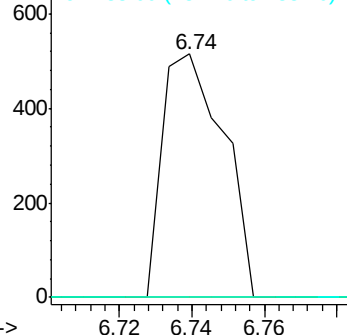
82 100

95 0.0 5.3 7.9#

138 0.0 13.1 19.7#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E



#31

Naphthalene

Concen: 0.04 ng

RT: 7.45 min Scan# 946

Delta R.T. 0.16 min

Lab File: BF094452.D

Acq: 17 Apr 2017 16:33

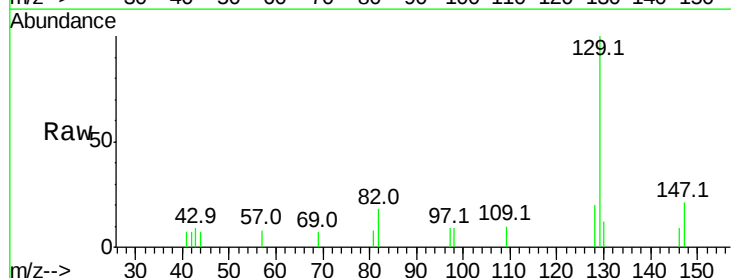
Tgt Ion: 128 Resp: 1087

Ion Ratio Lower Upper

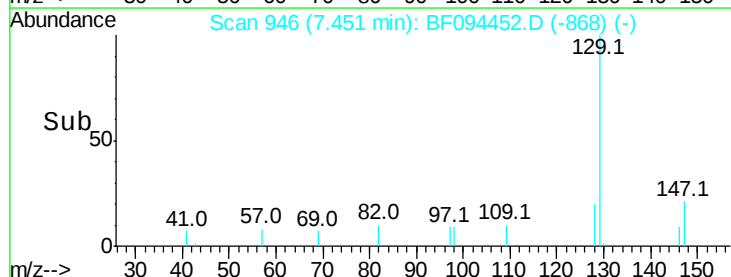
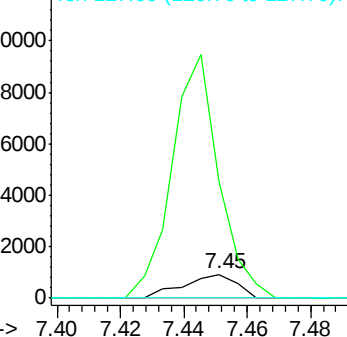
128 100

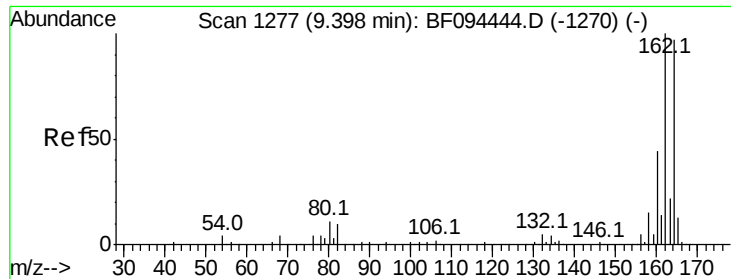
129 489.1 9.0 13.6#

127 0.0 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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.39 min Scan# 1276

Delta R.T. -0.01 min

Lab File: BF094452.D

Acq: 17 Apr 2017 16:33

Instrument :

BNA_F

ClientSampleId :

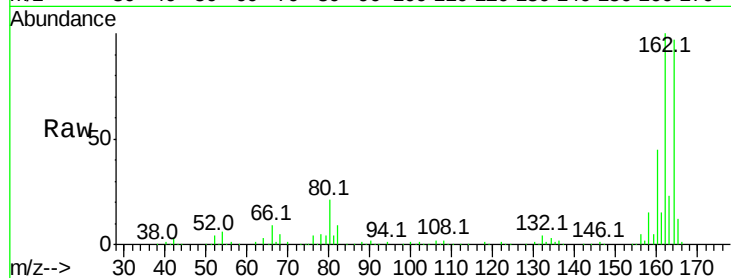
Tot Ion:164 Resp: 287799

Ion Ratio Lower Upper

164 100

162 103.3 82.6 123.8

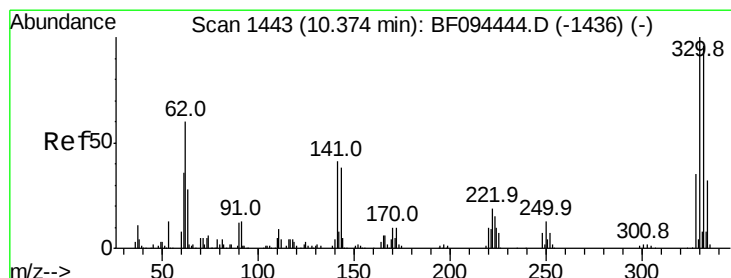
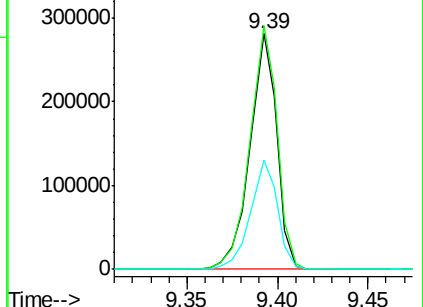
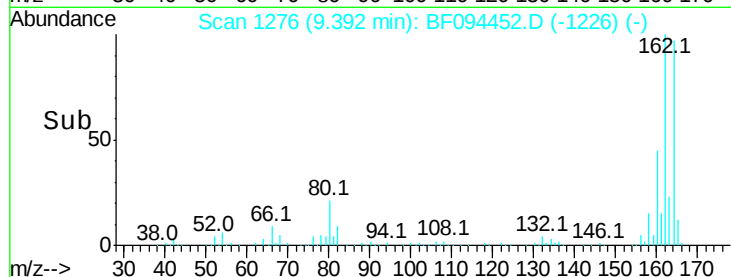
160 46.2 36.2 54.2



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: 110.11 ng

RT: 10.37 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BF094452.D

Acq: 17 Apr 2017 16:33

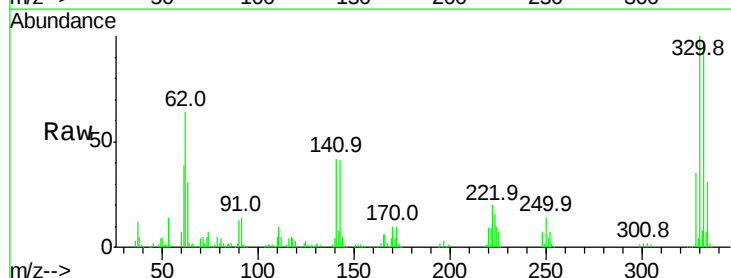
Tgt Ion:330 Resp: 247864

Ion Ratio Lower Upper

330 100

332 96.9 76.6 115.0

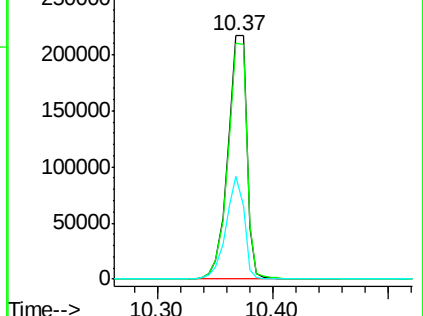
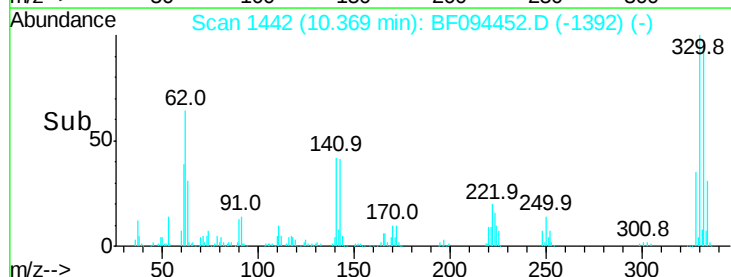
141 40.0 31.4 47.2

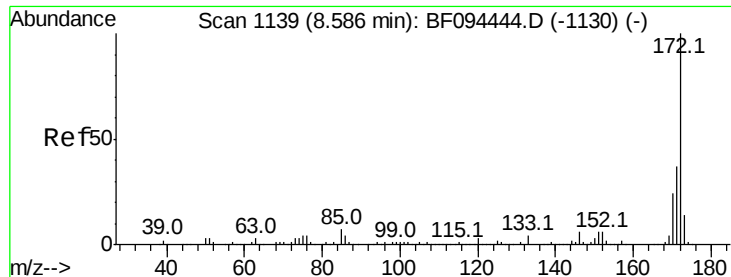


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

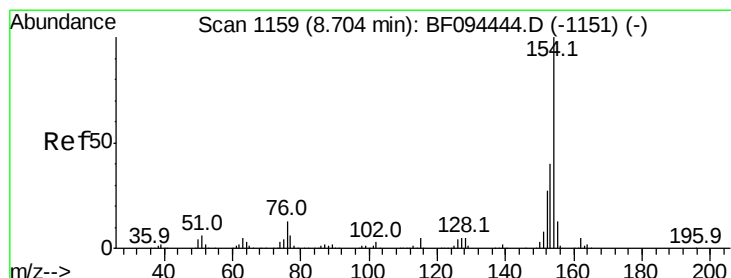
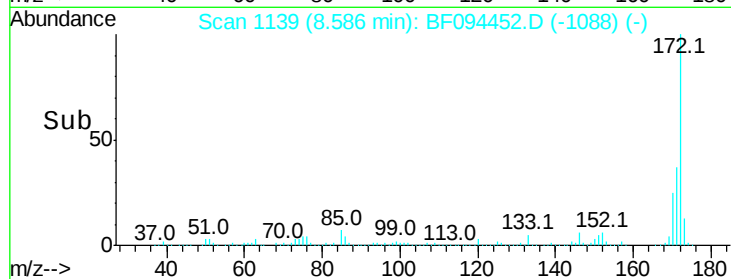
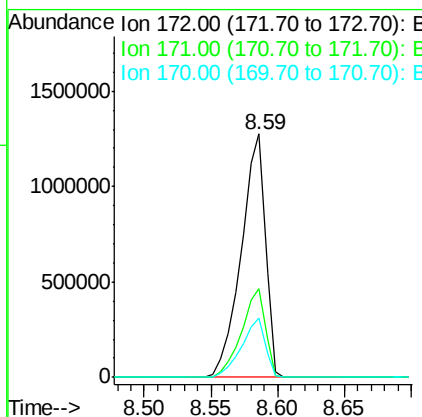
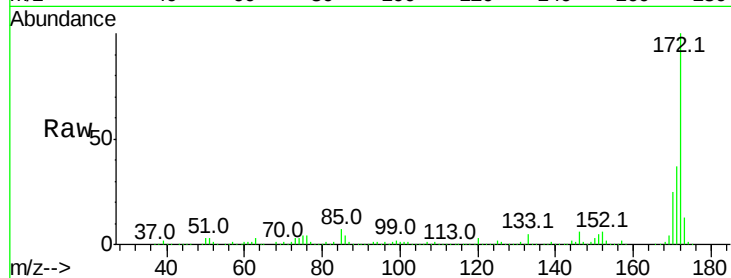




#44
 2-Fluorobiphenyl
 Concen: 81.53 ng
 RT: 8.59 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: BF094452.D
 Acq: 17 Apr 2017 16:33

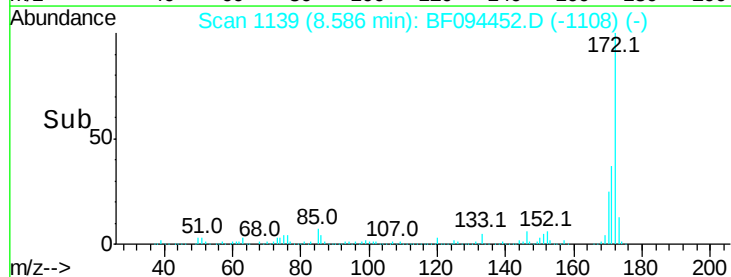
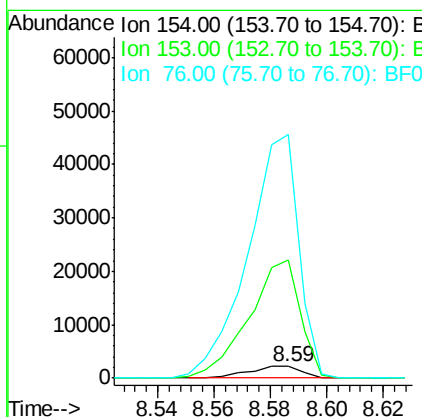
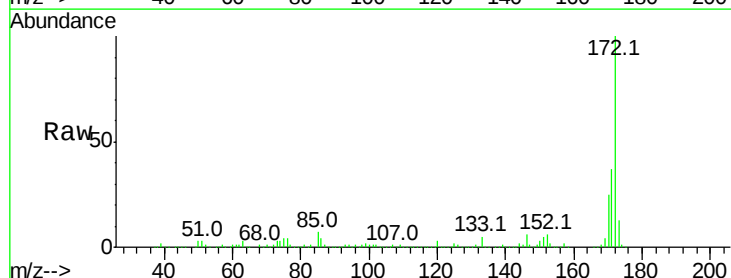
Instrument :
 BNA_F
 ClientSampleId :

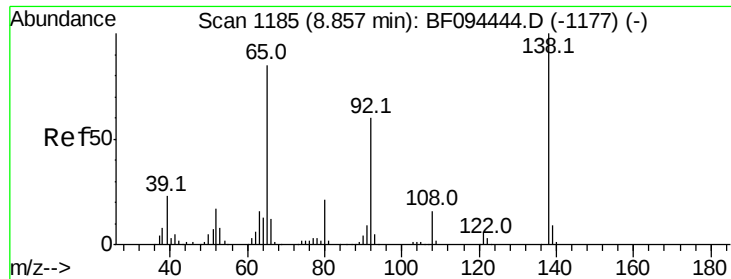
Tot Ion:172 Resp: 1594812
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.6 44.4
 170 24.5 19.8 29.8



#45
 1,1'-Biphenyl
 Concen: 0.12 ng
 RT: 8.59 min Scan# 1139
 Delta R.T. -0.12 min
 Lab File: BF094452.D
 Acq: 17 Apr 2017 16:33

Tgt Ion:154 Resp: 2847
 Ion Ratio Lower Upper
 154 100
 153 1012.6 21.2 61.2#
 76 2095.4 0.0 29.9#

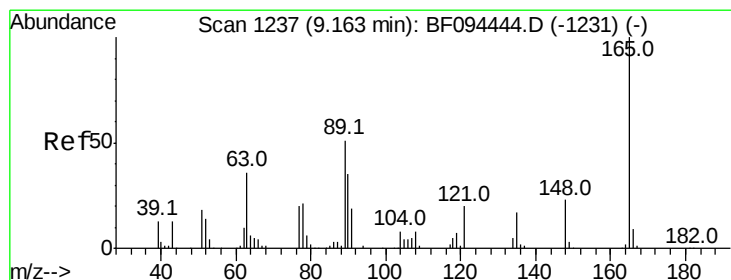
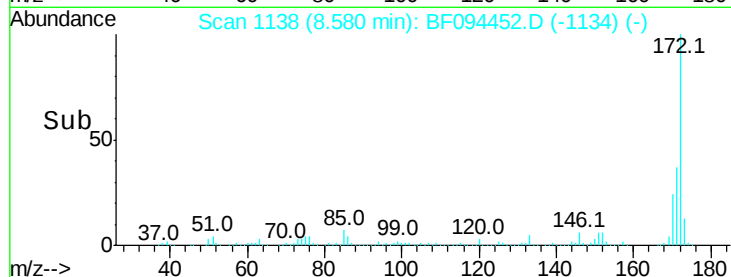
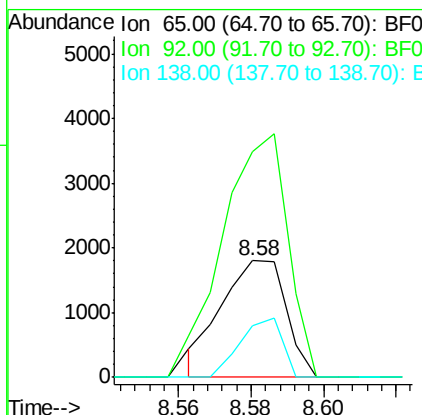
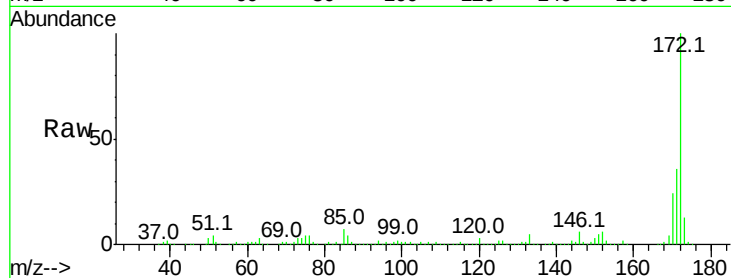




#47
2-Nitroaniline
Concen: 0.41 ng
RT: 8.58 min Scan# 1138
Delta R.T. -0.28 min
Lab File: BF094452.D
Acq: 17 Apr 2017 16:33

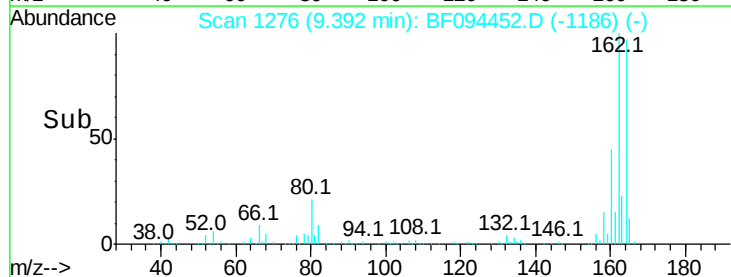
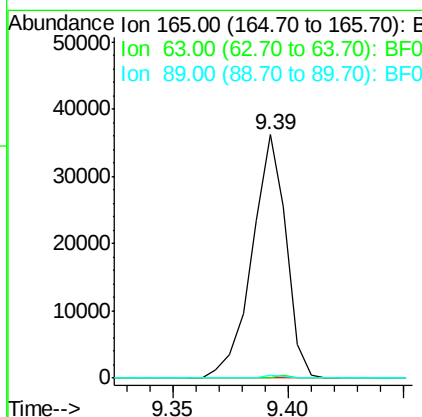
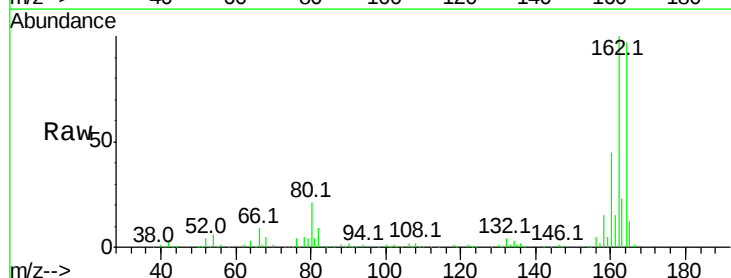
Instrument :
BNA_F
ClientSampleId :

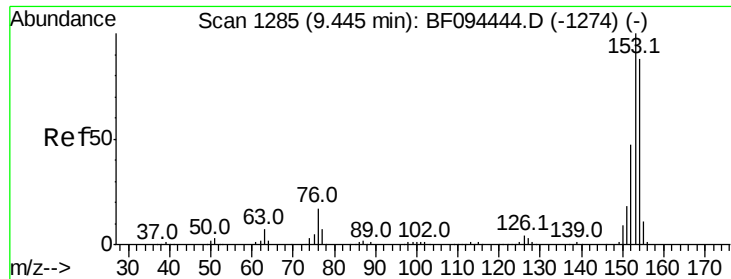
Tot Ion: 65 Resp: 2217
Ion Ratio Lower Upper
65 100
92 193.2 53.9 80.9#
138 44.4 78.8 118.2#



#50
2,6-Dinitrotoluene
Concen: 7.69 ng
RT: 9.39 min Scan# 1276
Delta R.T. 0.23 min
Lab File: BF094452.D
Acq: 17 Apr 2017 16:33

Tgt Ion:165 Resp: 37032
Ion Ratio Lower Upper
165 100
63 0.0 34.3 51.5#
89 1.4 37.1 55.7#





#51

Acenaphthene

Concen: 0.05 ng

RT: 9.39 min Scan# 1276

Delta R.T. -0.05 min

Lab File: BF094452.D

Acq: 17 Apr 2017 16:33

Instrument :

BNA_F

ClientSampleId :

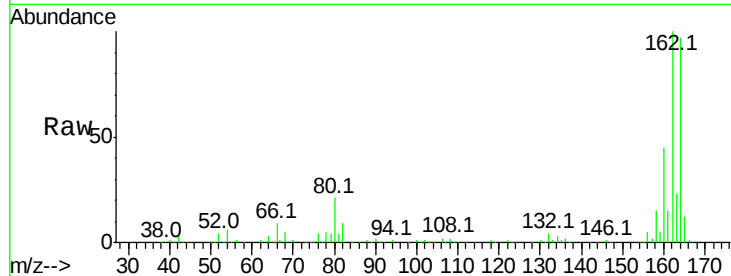
Tot Ion:154 Resp: 952

Ion Ratio Lower Upper

154 100

153 0.0 90.5 135.7#

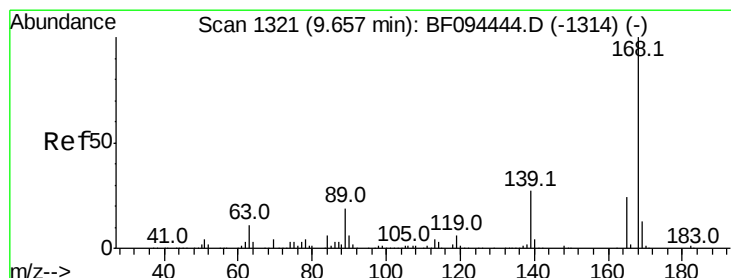
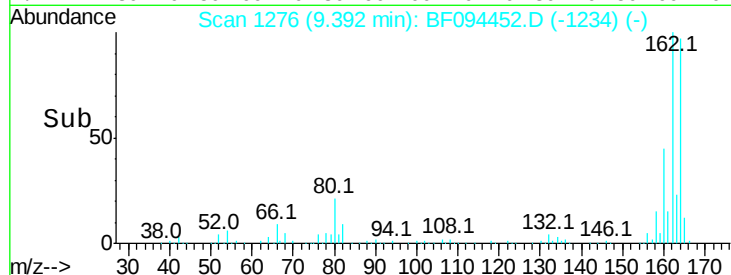
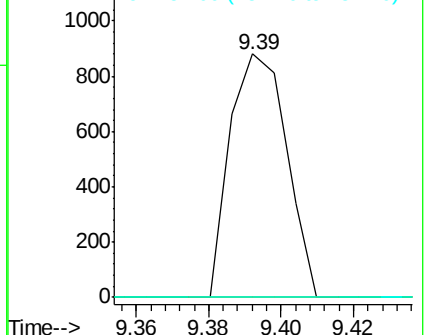
152 0.0 43.6 65.4#



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



#56

2,4-Dinitrotoluene

Concen: 6.27 ng

RT: 9.39 min Scan# 1276

Delta R.T. -0.26 min

Lab File: BF094452.D

Acq: 17 Apr 2017 16:33

Tgt Ion:165 Resp: 37041

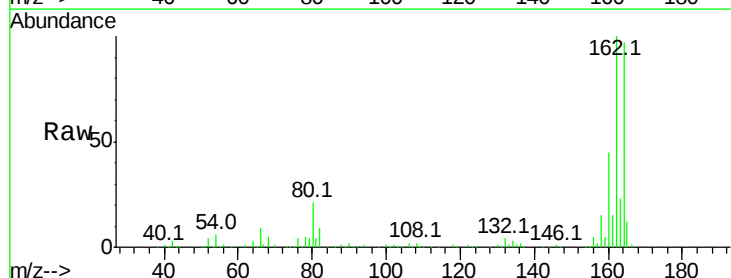
Ion Ratio Lower Upper

165 100

63 0.0 25.4 38.0#

89 1.4 46.4 69.6#

182 0.0 1.8 2.6#

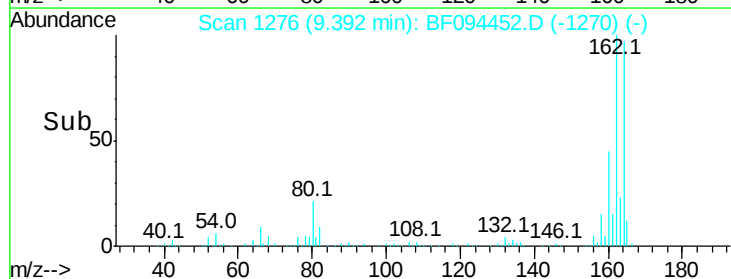
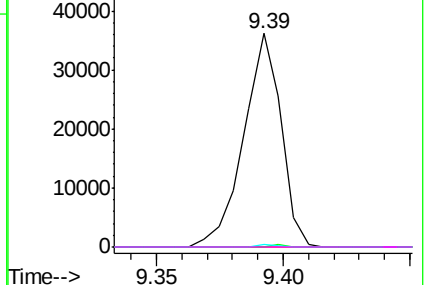


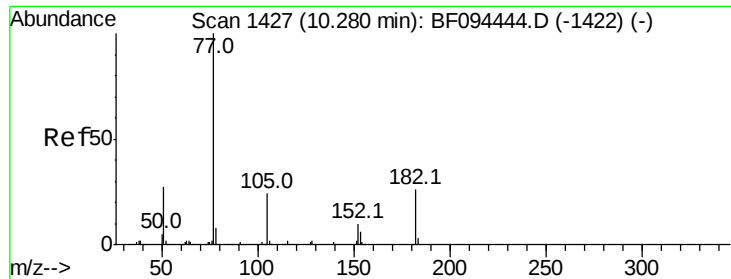
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#62

Azobenzene

Concen: 0.07 ng

RT: 10.37 min Scan# 1442

Delta R.T. 0.09 min

Lab File: BF094452.D

Acq: 17 Apr 2017 16:33

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1320

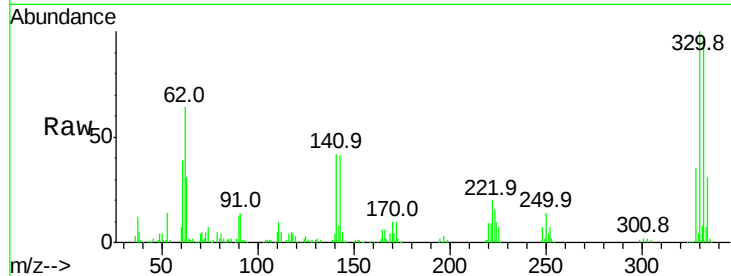
Ion Ratio Lower Upper

77 100

182 0.0 0.1 40.1#

105 91.5 3.6 43.6#

51 107.7 9.4 49.4#

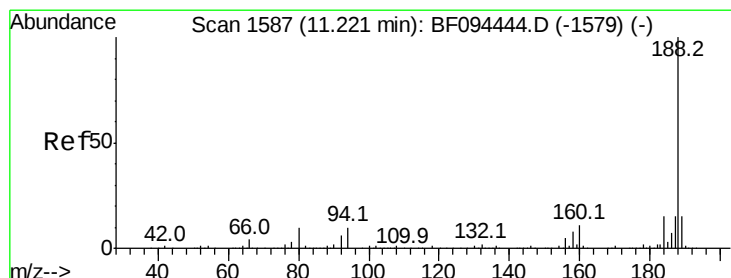
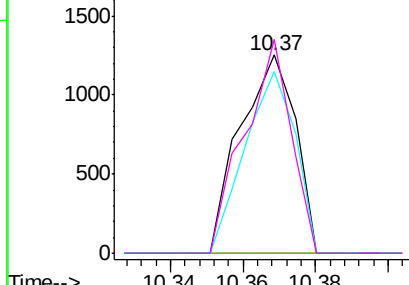
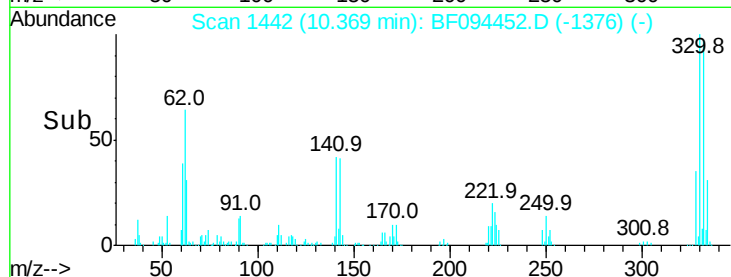


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.22 min Scan# 1586

Delta R.T. -0.01 min

Lab File: BF094452.D

Acq: 17 Apr 2017 16:33

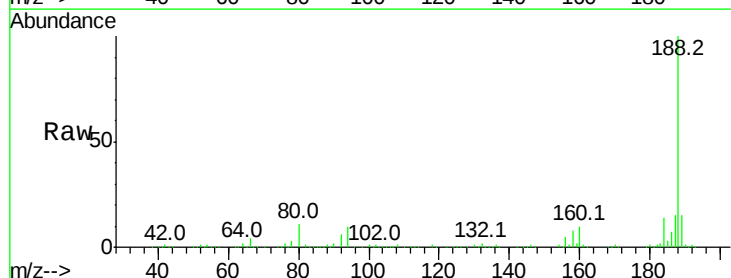
Tgt Ion: 188 Resp: 529262

Ion Ratio Lower Upper

188 100

94 10.0 9.4 14.2

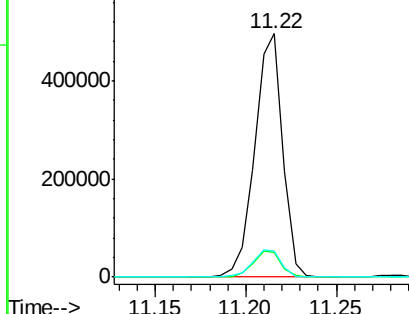
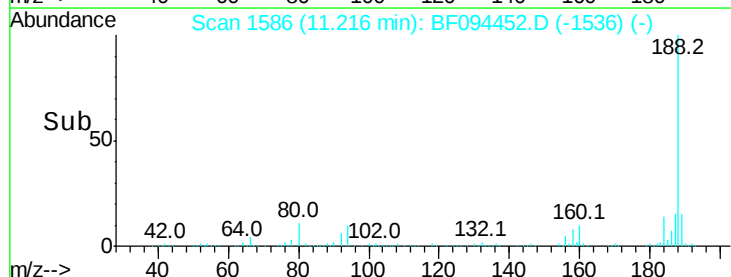
80 10.6 10.2 15.2

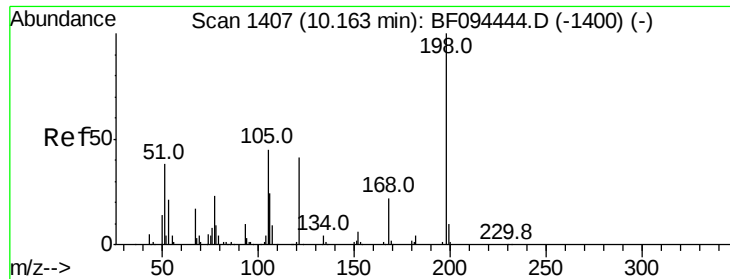


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

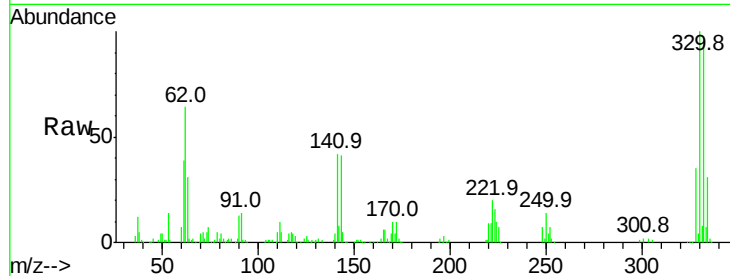




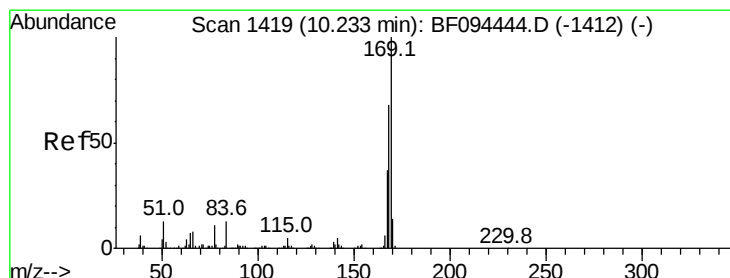
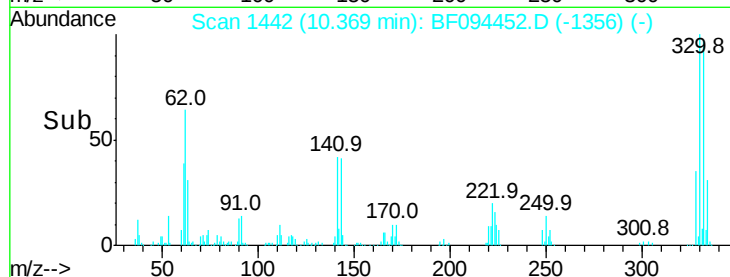
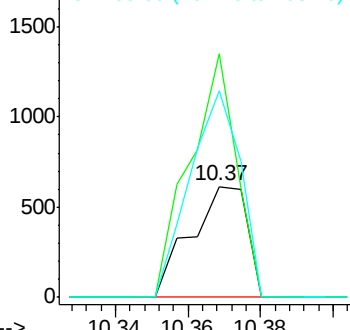
#64
4,6-Dinitro-2-methylphenol
Concen: 0.19 ng
RT: 10.37 min Scan# 1442
Delta R.T. 0.21 min
Lab File: BF094452.D
Acq: 17 Apr 2017 16:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 662
Ion Ratio Lower Upper
198 100
51 220.2 53.2 93.2#
105 186.9 45.8 85.8#

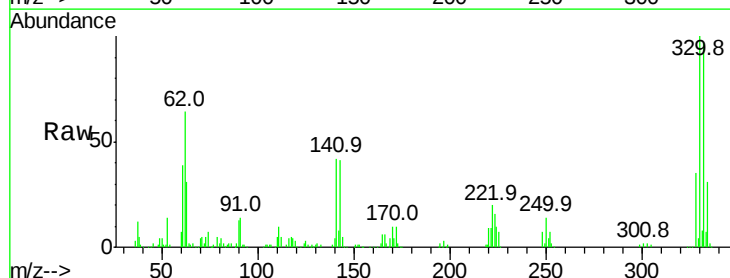


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

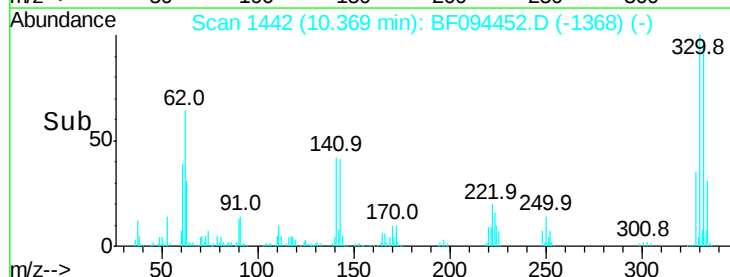
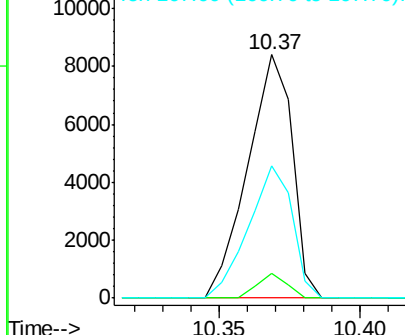


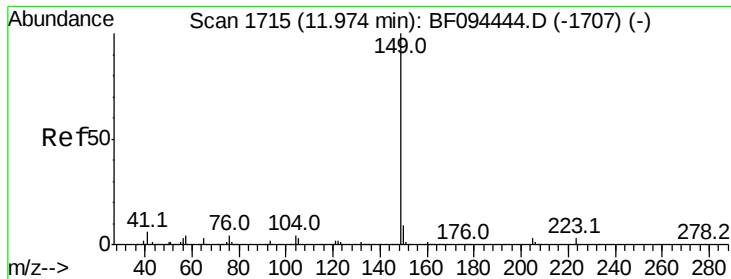
#65
n-Nitrosodiphenylamine
Concen: 0.50 ng
RT: 10.37 min Scan# 1442
Delta R.T. 0.14 min
Lab File: BF094452.D
Acq: 17 Apr 2017 16:33

Tgt Ion:169 Resp: 9205
Ion Ratio Lower Upper
169 100
168 10.3 53.2 79.8#
167 54.2 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





#73

Di-n-butylphthalate

Concen: 0.02 ng

RT: 11.96 min Scan# 1713

Delta R.T. -0.01 min

Lab File: BF094452.D

Acq: 17 Apr 2017 16:33

Instrument :

BNA_F

ClientSampleId :

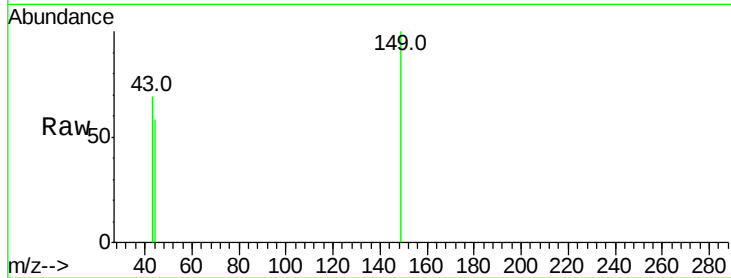
Tot Ion:149 Resp: 478

Ion Ratio Lower Upper

149 100

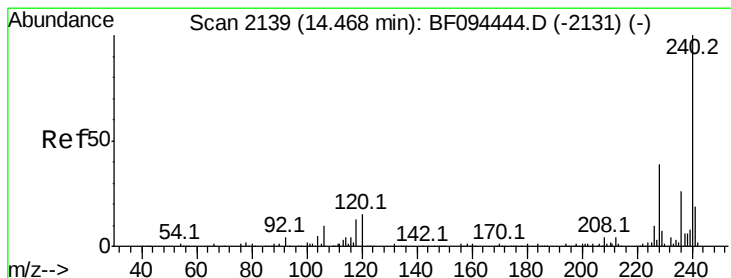
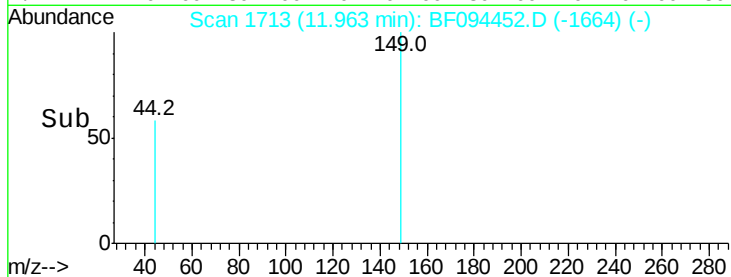
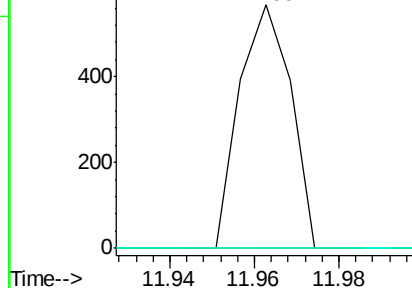
150 0.0 7.7 11.5#

104 0.0 4.0 6.0#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

11.96



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.46 min Scan# 2138

Delta R.T. -0.01 min

Lab File: BF094452.D

Acq: 17 Apr 2017 16:33

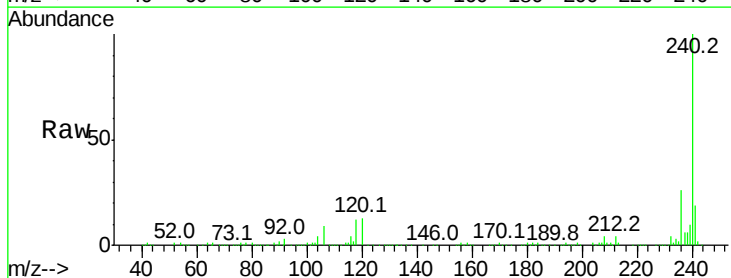
Tgt Ion:240 Resp: 461824

Ion Ratio Lower Upper

240 100

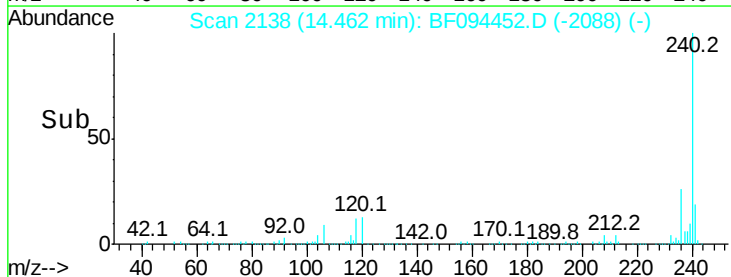
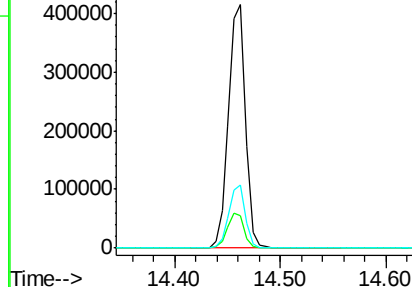
120 13.5 5.8 8.8#

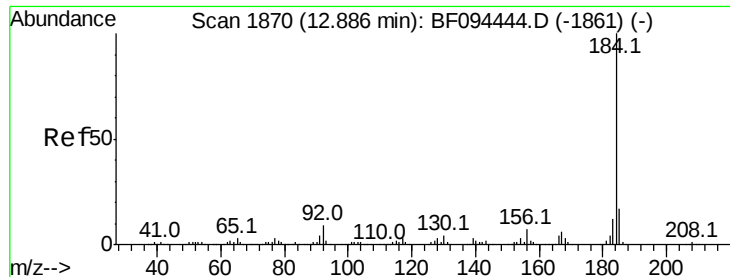
236 26.0 20.5 30.7



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

14.46





#76

Benzidine

Concen: 0.02 ng

RT: 12.88 min Scan# 1869

Delta R.T. -0.01 min

Lab File: BF094452.D

Acq: 17 Apr 2017 16:33

Instrument :

BNA_F

ClientSampleId :

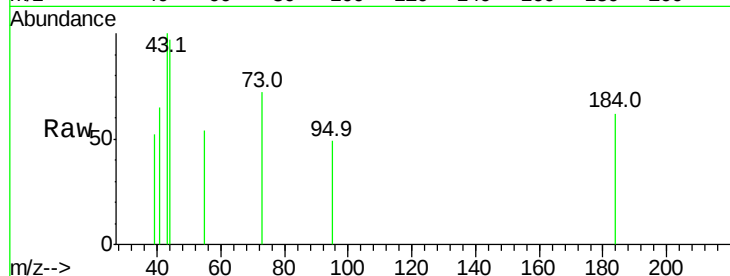
Tot Ion:184 Resp: 372

Ion Ratio Lower Upper

184 100

185 0.0 15.5 23.3#

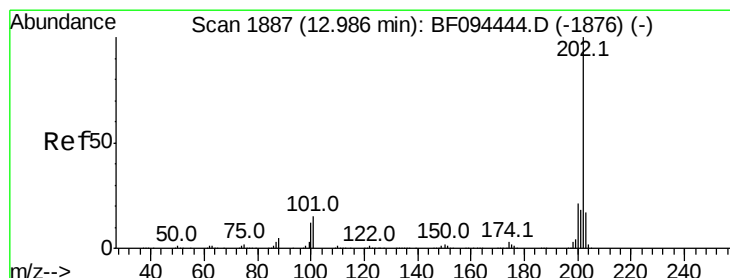
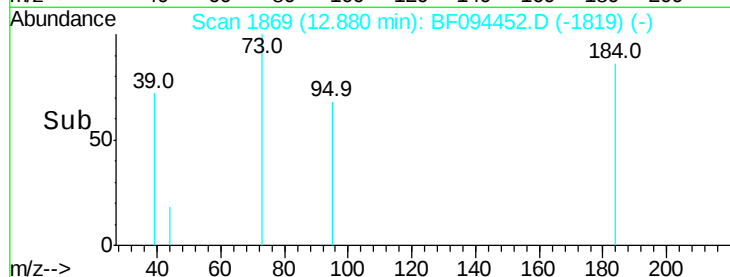
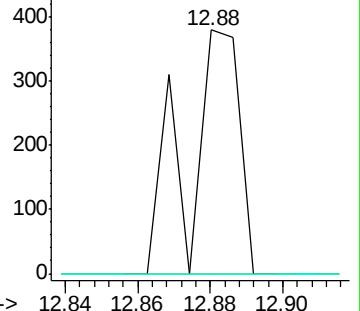
183 0.0 9.8 14.6#



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



#77

Pyrene

Concen: 0.15 ng

RT: 13.20 min Scan# 1923

Delta R.T. 0.21 min

Lab File: BF094452.D

Acq: 17 Apr 2017 16:33

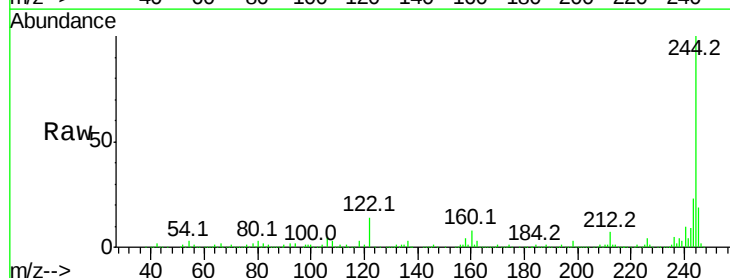
Tgt Ion:202 Resp: 4806

Ion Ratio Lower Upper

202 100

200 52.2 17.6 26.4#

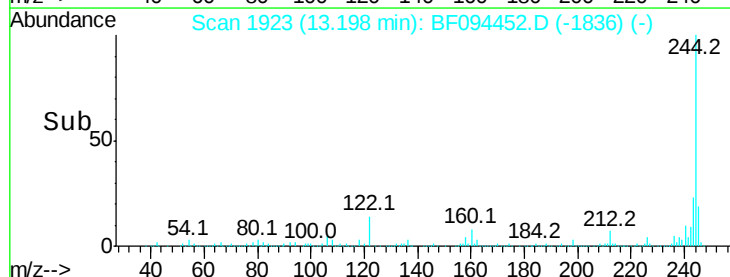
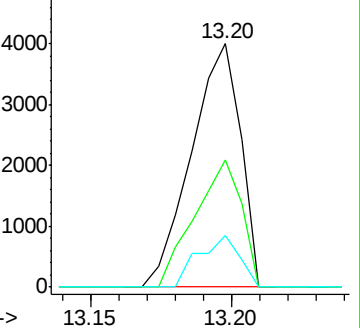
203 21.1 14.4 21.6

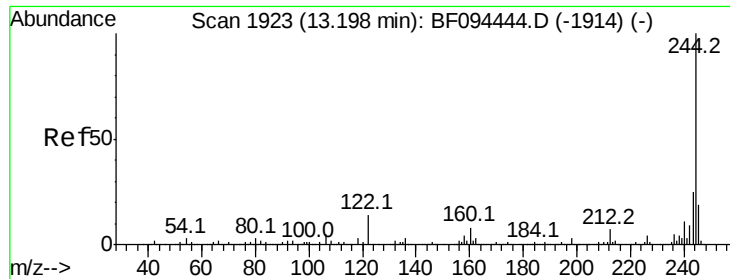


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 81.45 ng

RT: 13.20 min Scan# 1923

Delta R.T. 0.00 min

Lab File: BF094452.D

Acq: 17 Apr 2017 16:33

Instrument :

BNA_F

ClientSampled :

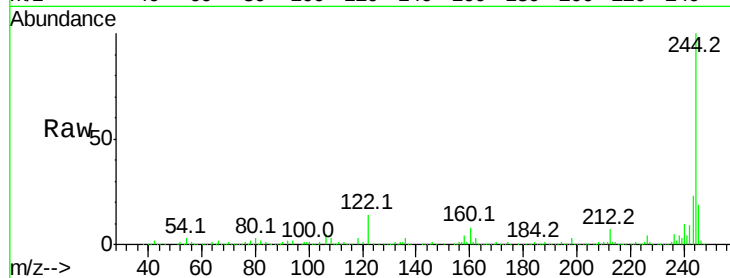
Tot Ion:244 Resp: 1407238

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

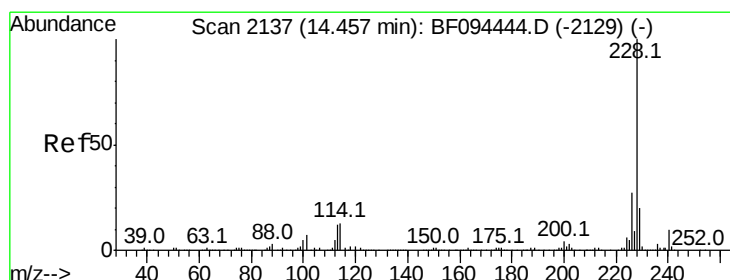
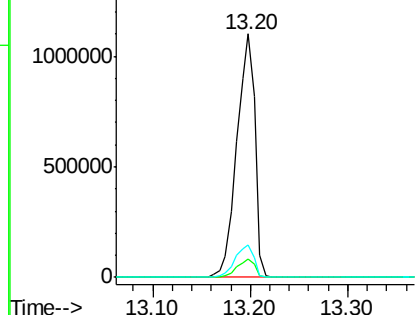
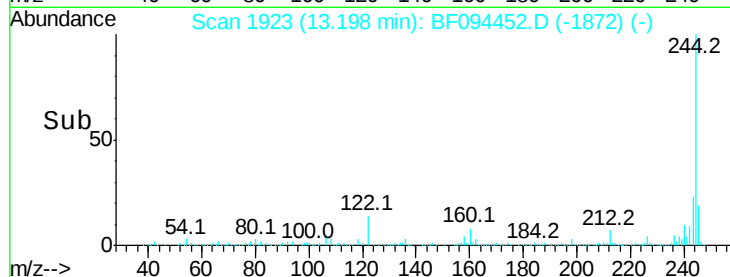
122 13.6 10.3 15.5



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



#80

Benzo(a)anthracene

Concen: 0.04 ng

RT: 14.46 min Scan# 2138

Delta R.T. 0.01 min

Lab File: BF094452.D

Acq: 17 Apr 2017 16:33

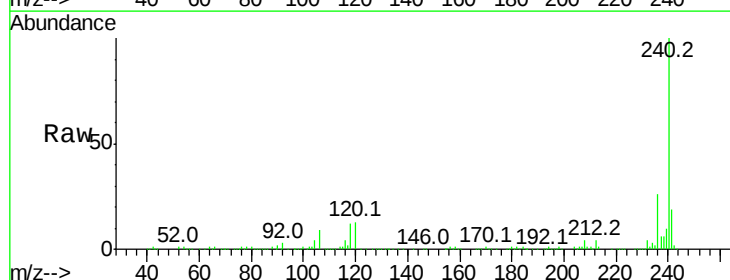
Tgt Ion:228 Resp: 982

Ion Ratio Lower Upper

228 100

226 0.0 22.6 33.8#

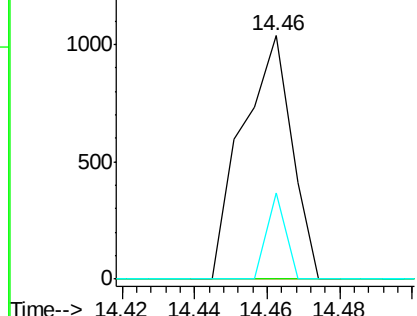
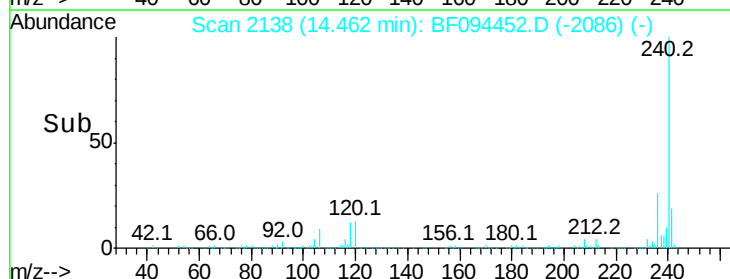
229 35.5 16.3 24.5#

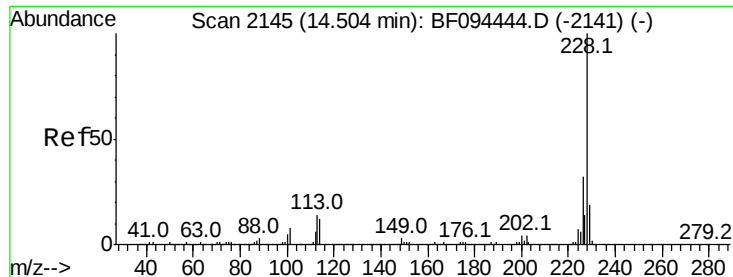


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 0.04 ng

RT: 14.46 min Scan# 2138

Delta R.T. -0.04 min

Lab File: BF094452.D

Acq: 17 Apr 2017 16:33

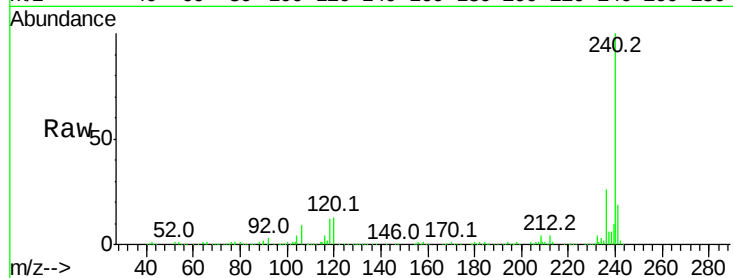
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 982

Ion	Ratio	Lower	Upper
228	100		
226	0.0	24.9	37.3#
229	35.5	15.8	23.6#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

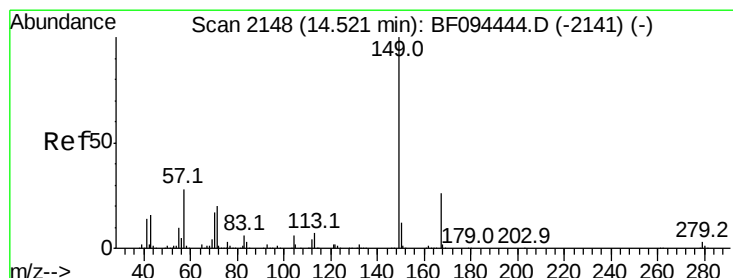
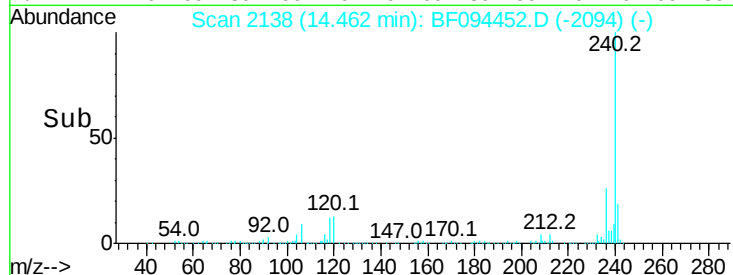
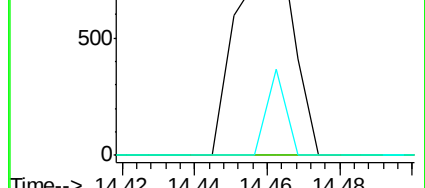
Ion 229.00 (228.70 to 229.70): E

14.46

1000

500

0



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.02 ng

RT: 14.52 min Scan# 2148

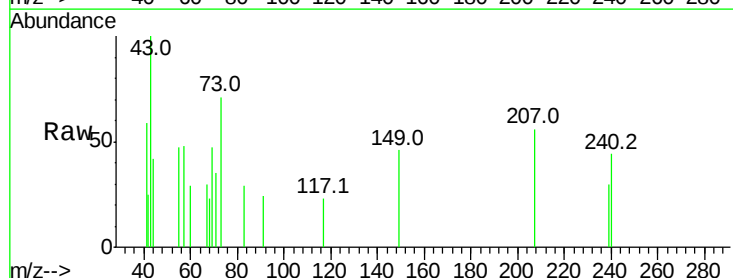
Delta R.T. 0.00 min

Lab File: BF094452.D

Acq: 17 Apr 2017 16:33

Tgt Ion:149 Resp: 323

Ion	Ratio	Lower	Upper
149	100		
167	0.0	21.0	31.4#
279	0.0	1.9	2.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

14.52

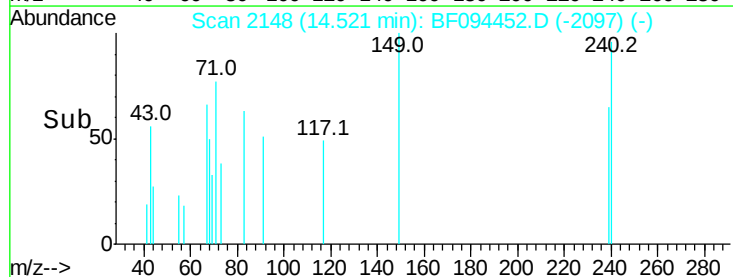
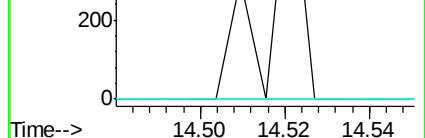
800

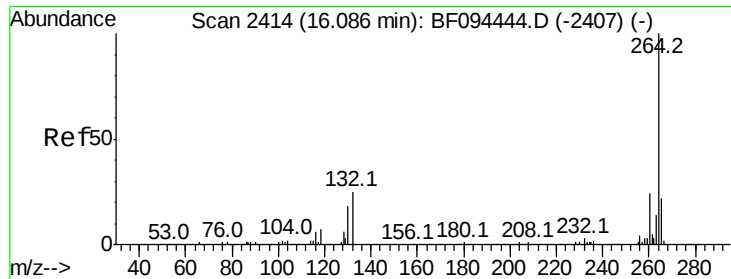
600

400

200

0

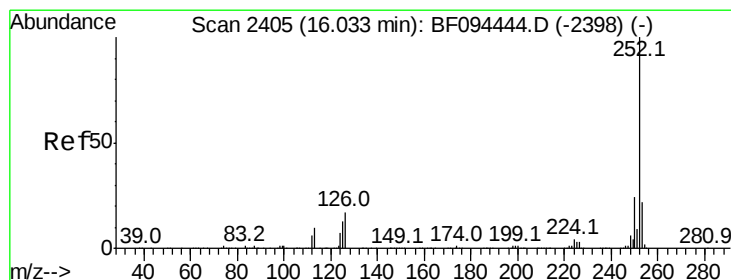
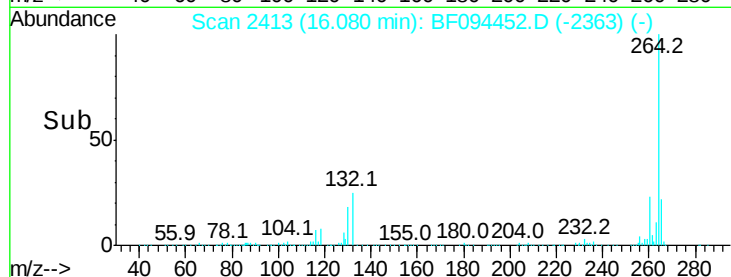
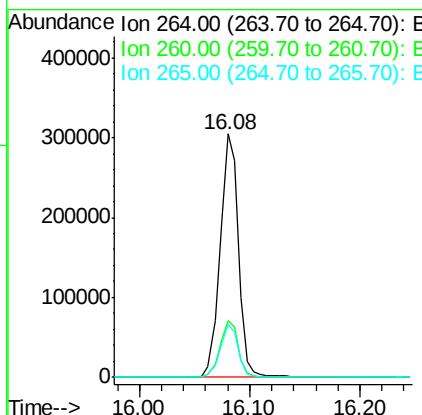
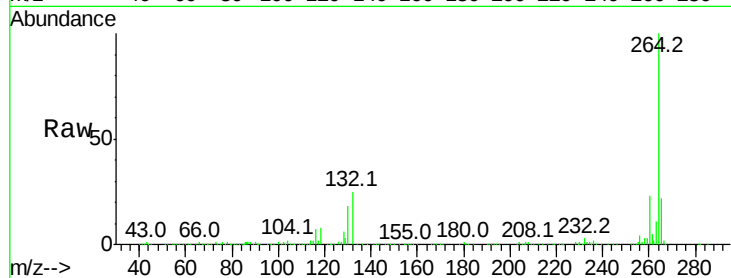




#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.08 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BF094452.D
Acq: 17 Apr 2017 16:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 353080
Ion Ratio Lower Upper
264 100
260 23.4 19.5 29.3
265 21.7 17.2 25.8



#89
Benzo(a)pyrene
Concen: 0.05 ng
RT: 16.09 min Scan# 2414
Delta R.T. 0.05 min
Lab File: BF094452.D
Acq: 17 Apr 2017 16:33

Tgt Ion:252 Resp: 1062
Ion Ratio Lower Upper
252 100
253 51.2 17.5 26.3#
125 41.8 11.0 16.4#

