

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060517\
 Data File : BF095680.D
 Acq On : 5 Jun 2017 18:56
 Operator : SJ/MA
 Sample : I3440-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 06 01:14:07 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:15:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	105053	20.00	ng	0.00
21) Naphthalene-d8	9.42	136	416084	20.00	ng	0.00
38) Acenaphthene-d10	12.25	164	198289	20.00	ng	0.00
63) Phenanthrene-d10	14.64	188	339162	20.00	ng	0.00
75) Chrysene-d12	18.35	240	264724	20.00	ng	0.00
86) Perylene-d12	20.02	264	144949	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	890355	135.05	ng	0.03
7) Phenol-d6	6.95	99	904802	114.64	ng	0.00
23) Nitrobenzene-d5	8.31	82	607630	90.69	ng	-0.01
41) 2,4,6-Tribromophenol	13.55	330	266150	151.70	ng	0.00
44) 2-Fluorobiphenyl	11.21	172	1359540	95.41	ng	0.00
78) Terphenyl-d14	17.02	244	1007397	94.44	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.65	88	732	0.23	ng	# 21
4) n-Nitrosodimethylamine	2.26	42	410	0.15	ng	# 49
6) Aniline	7.06	93	1033	0.10	ng	# 1
9) Benzaldehyde	6.95	77	529	0.10	ng	# 1
10) Phenol	7.06	94	1362	0.17	ng	# 1
11) bis(2-Chloroethyl)ether	7.06	93	1033	0.16	ng	# 1
15) Benzyl Alcohol	7.63	79	10377	1.92	ng	# 27
16) 2,2'-oxybis(1-Chloropropan	7.91	45	844	0.09	ng	# 70
19) n-Nitroso-di-n-propylamine	8.31	70	75916	15.18	ng	# 74
24) Nitrobenzene	8.30	77	1128	0.16	ng	# 30
25) Isophorone	8.67	82	121	0.01	ng	# 67
31) Naphthalene	9.45	128	6748	0.32	ng	# 93
33) 4-Chloroaniline	9.45	127	114	0.01	ng	# 1
37) 2-Methylnaphthalene	10.62	142	526	0.04	ng	# 73
45) 1,1'-Biphenyl	11.35	154	582	0.04	ng	# 42
50) 2,6-Dinitrotoluene	12.25	165	24935	7.59	ng	# 31
51) Acenaphthene	12.31	154	706	0.06	ng	# 83
54) Dibenzofuran	12.62	168	110	0.01	ng	# 45
57) Fluorene	13.16	166	523	0.03	ng	# 75
59) Diethylphthalate	13.02	149	11324	0.78	ng	# 97
62) Azobenzene	13.54	77	1381	0.11	ng	# 8
64) 4,6-Dinitro-2-methylphenol	13.54	198	405	0.18	ng	# 1
65) n-Nitrosodiphenylamine	13.54	169	9241	0.76	ng	# 40
70) Phenanthrene	14.68	178	1566	0.08	ng	# 59
71) Anthracene	14.68	178	1566	0.08	ng	# 59
73) Di-n-butylphthalate	15.65	149	18427	0.87	ng	# 96
74) Fluoranthene	16.49	202	440	0.02	ng	# 62
77) Pyrene	16.79	202	137	0.01	ng	# 56
79) Butylbenzylphthalate	17.68	149	268	0.03	ng	# 59
80) Benzo(a)anthracene	18.35	228	841	0.05	ng	# 50
82) Chrysene	18.35	228	841	0.05	ng	# 49
83) Bis(2-ethylhexyl)phthalate	18.43	149	3087	0.25	ng	# 99
84) Di-n-octyl phthalate	19.19	149	627	0.03	ng	# 75
89) Benzo(a)pyrene	20.02	252	308	0.04	ng	# 16

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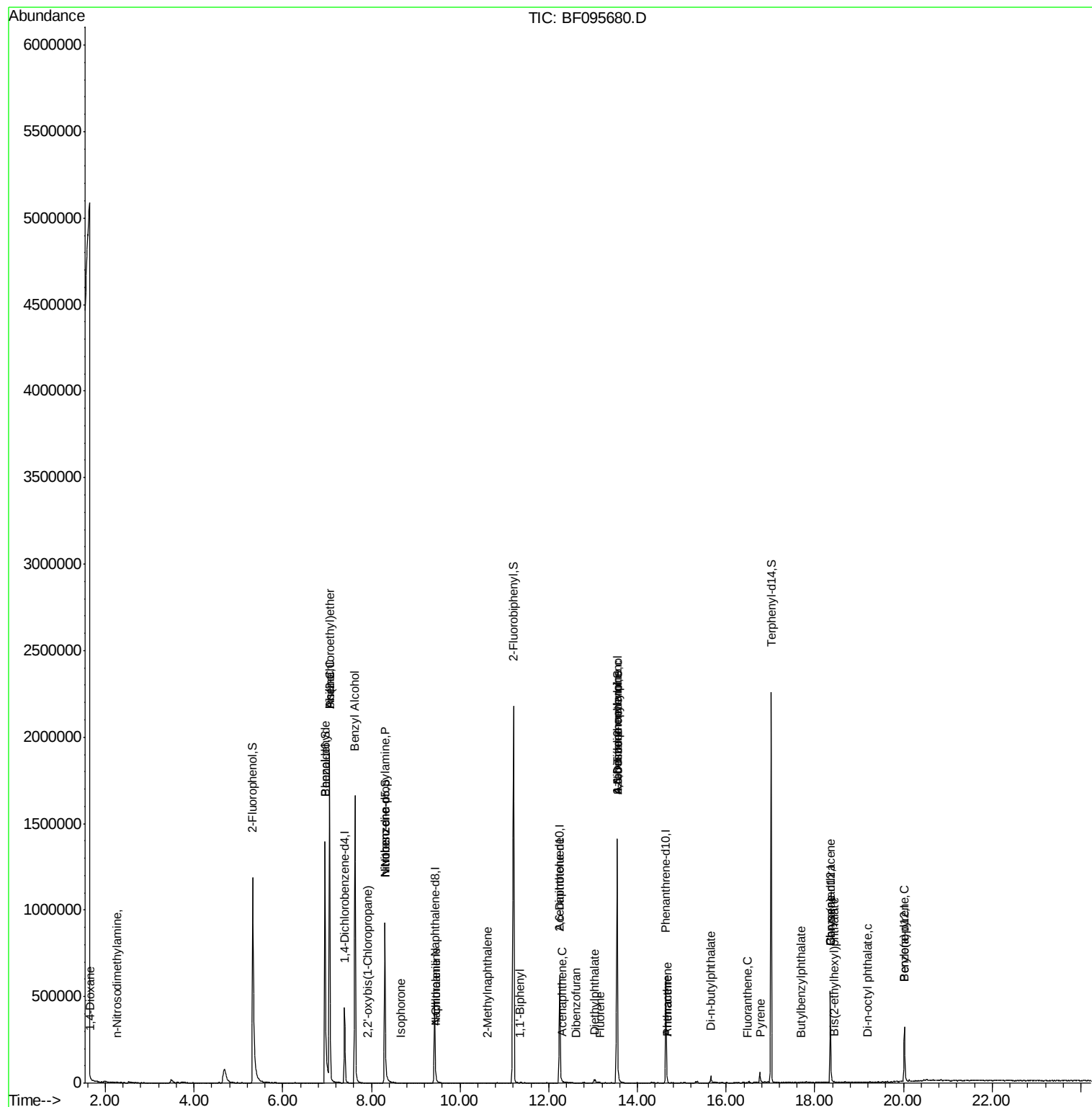
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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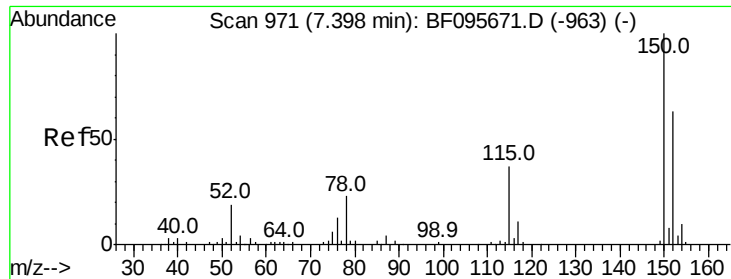
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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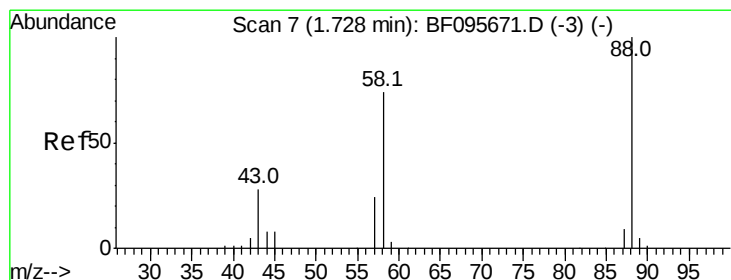
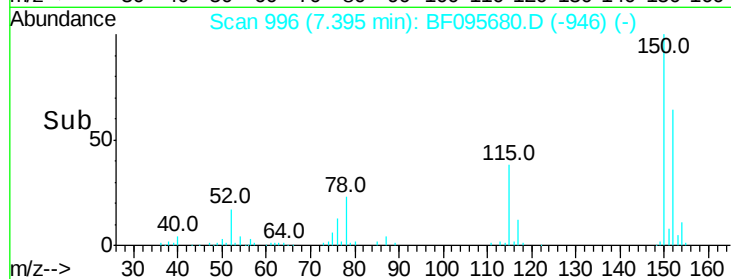
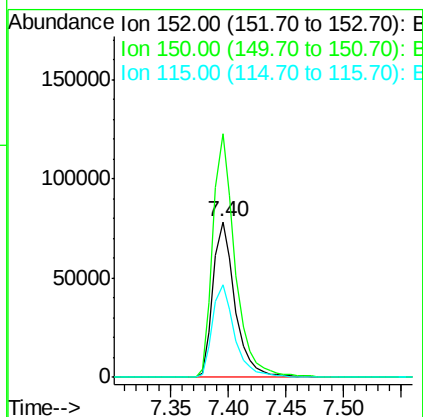
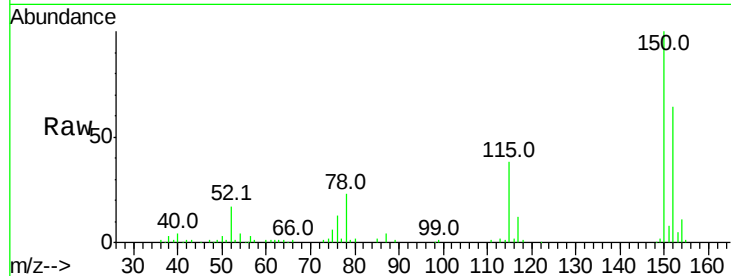


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.40 min Scan# 996
Delta R.T. -0.00 min
Lab File: BF095680.D
Acq: 5 Jun 2017 18:56

Instrument :
BNA_F
ClientSampleId :

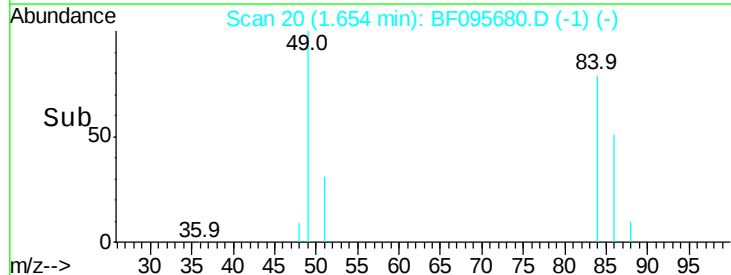
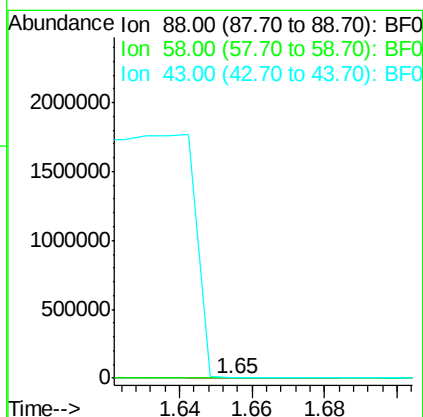
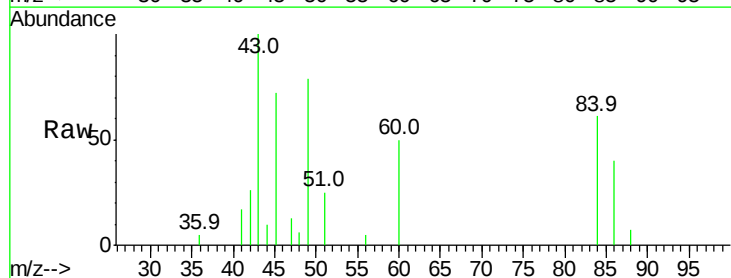
Tot Ion:152 Resp: 105053
Ion Ratio Lower Upper
152 100
150 156.7 126.2 189.2
115 59.7 52.2 78.2

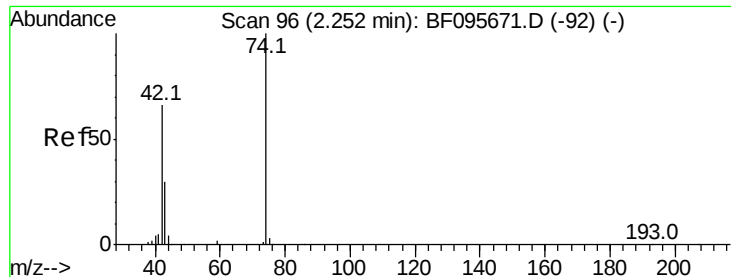


#2

1,4-Dioxane
Concen: 0.23 ng
RT: 1.65 min Scan# 20
Delta R.T. -0.07 min
Lab File: BF095680.D
Acq: 5 Jun 2017 18:56

Tgt Ion: 88 Resp: 732
Ion Ratio Lower Upper
88 100
58 0.0 61.4 92.0#
43 0.0 23.4 35.0#





#4

n-Nitrosodimethylamine

Concen: 0.15 ng

RT: 2.26 min Scan# 123

Delta R.T. 0.01 min

Lab File: BF095680.D

Acq: 5 Jun 2017 18:56

Instrument :

BNA_F

ClientSampleId :

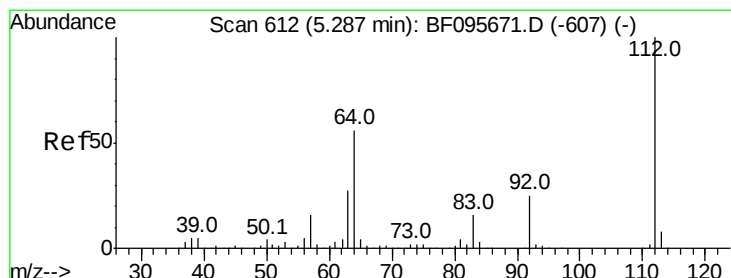
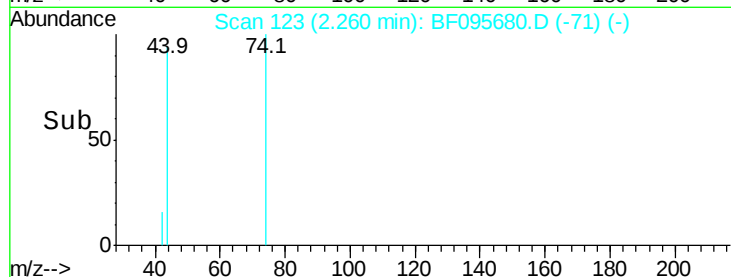
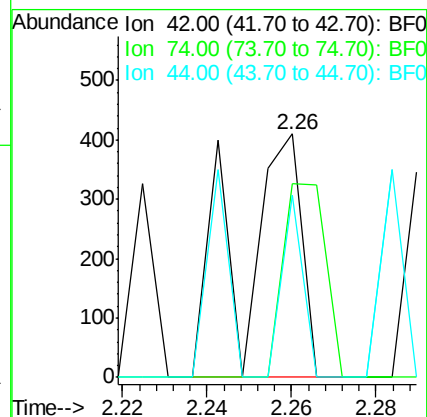
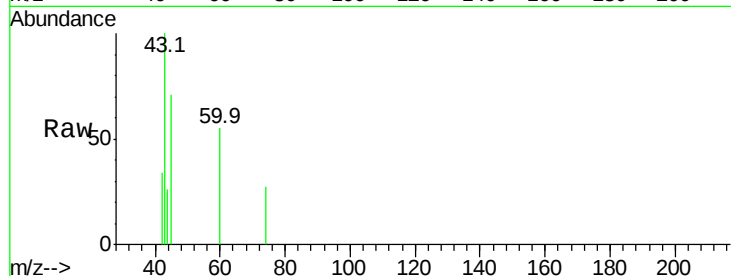
Tot Ion: 42 Resp: 410

Ion Ratio Lower Upper

42 100

74 79.5 103.9 155.9#

44 74.9 5.7 8.5#



#5

2-Fluorophenol

Concen: 135.05 ng

RT: 5.32 min Scan# 643

Delta R.T. 0.03 min

Lab File: BF095680.D

Acq: 5 Jun 2017 18:56

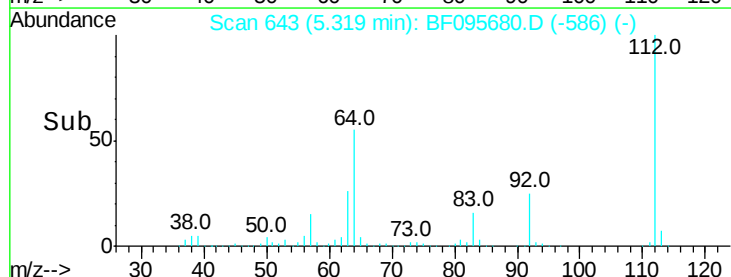
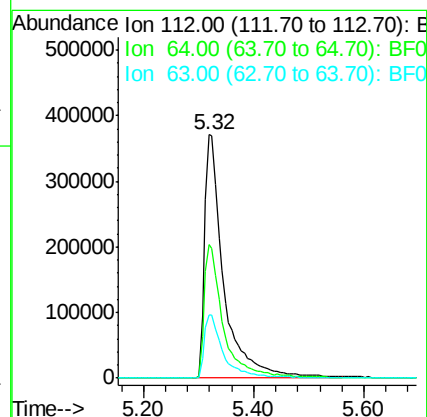
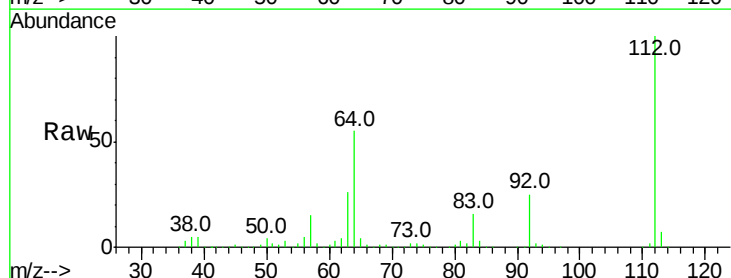
Tgt Ion: 112 Resp: 890355

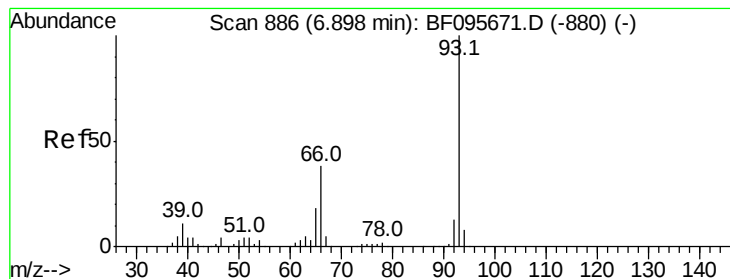
Ion Ratio Lower Upper

112 100

64 55.1 46.0 69.0

63 26.1 23.4 35.0





#6

Aniline

Concen: 0.10 ng

RT: 7.06 min Scan# 939

Delta R.T. 0.16 min

Lab File: BF095680.D

Acq: 5 Jun 2017 18:56

Instrument :

BNA_F

ClientSampleId :

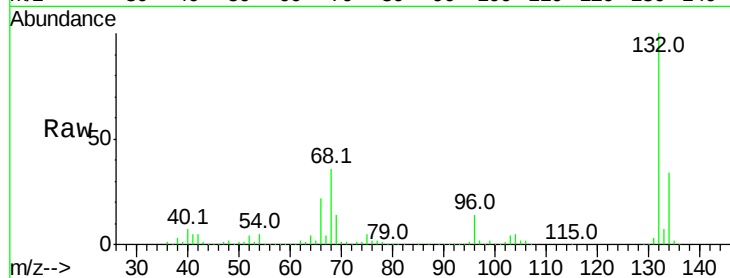
Tot Ion: 93 Resp: 1033

Ion Ratio Lower Upper

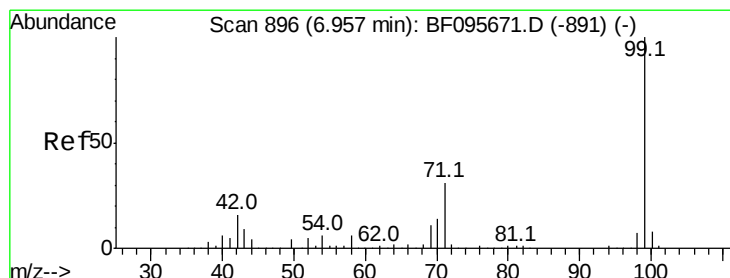
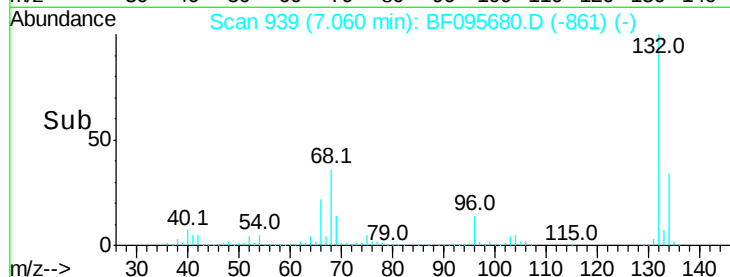
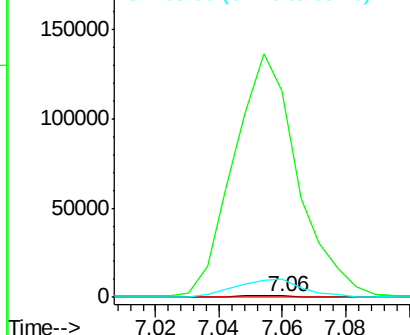
93 100

66 14323.9 32.9 49.3#

65 1241.9 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: 114.64 ng

RT: 6.95 min Scan# 921

Delta R.T. -0.00 min

Lab File: BF095680.D

Acq: 5 Jun 2017 18:56

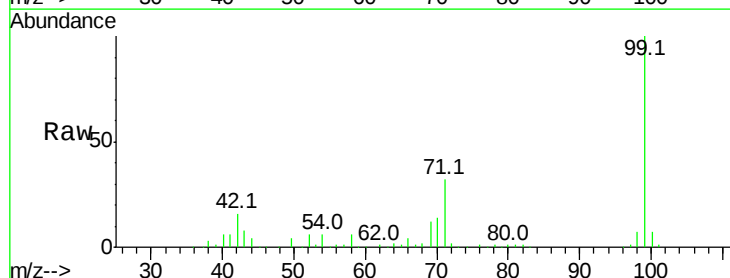
Tgt Ion: 99 Resp: 904802

Ion Ratio Lower Upper

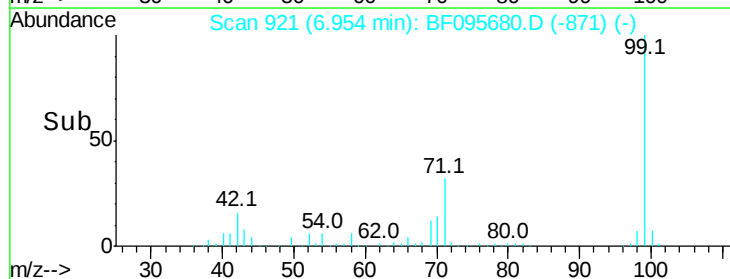
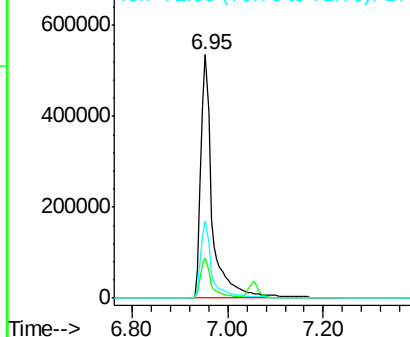
99 100

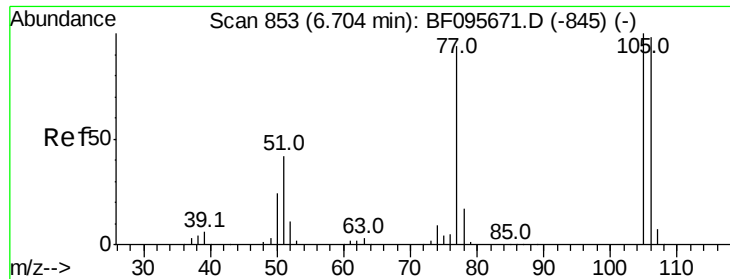
42 16.2 13.5 20.3

71 31.8 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: 0.10 ng

RT: 6.95 min Scan# 921

Delta R.T. 0.25 min

Lab File: BF095680.D

Acq: 5 Jun 2017 18:56

Instrument :

BNA_F

ClientSampleId :

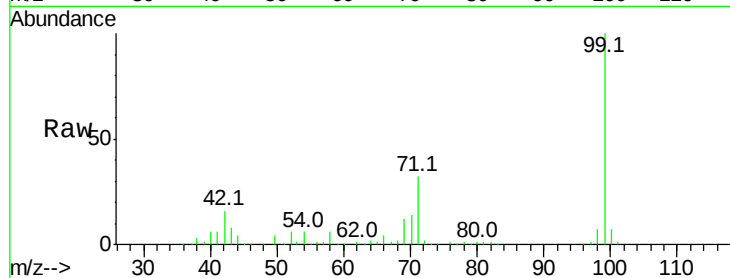
Tot Ion: 77 Resp: 529

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

6.95

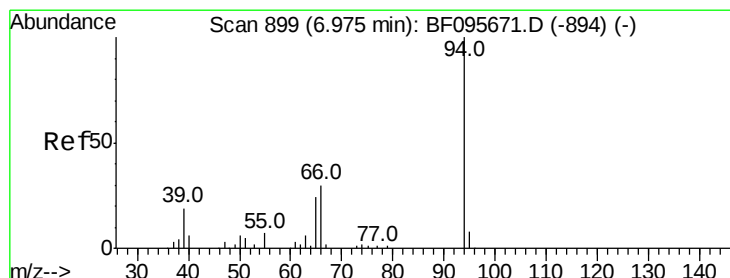
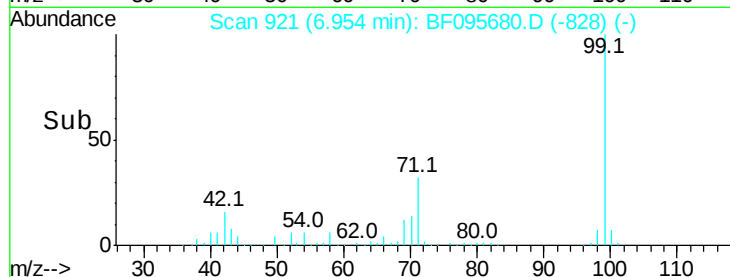
400

200

0

6.92 6.94 6.96

Time-->



#10

Phenol

Concen: 0.17 ng

RT: 7.06 min Scan# 939

Delta R.T. 0.09 min

Lab File: BF095680.D

Acq: 5 Jun 2017 18:56

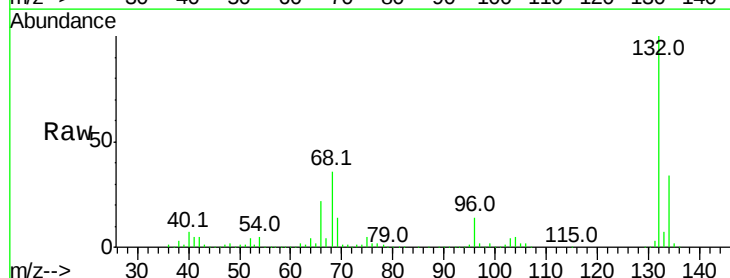
Tgt Ion: 94 Resp: 1362

Ion Ratio Lower Upper

94 100

65 948.7 9.9 49.9#

66 10942.4 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

7.06

150000

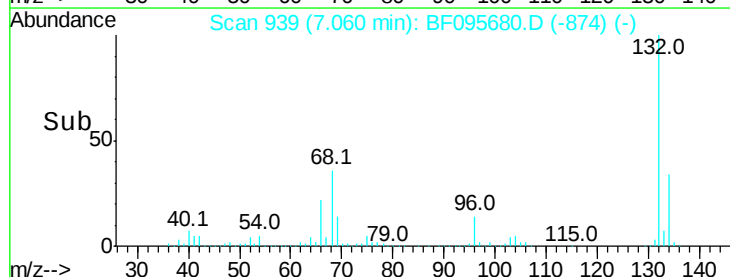
100000

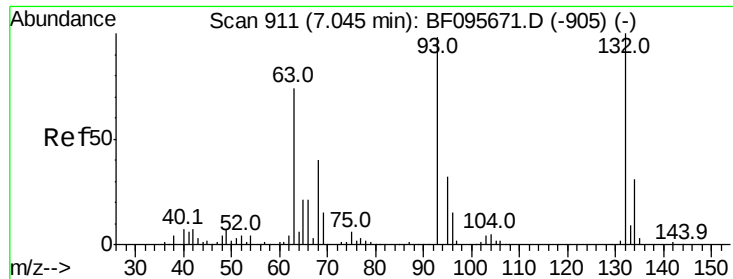
50000

0

7.02 7.04 7.06 7.08

Time-->





#11

bis(2-Chloroethyl)ether

Concen: 0.16 ng

RT: 7.06 min Scan# 939

Delta R.T. 0.01 min

Lab File: BF095680.D

Acq: 5 Jun 2017 18:56

Instrument :

BNA_F

ClientSampleId :

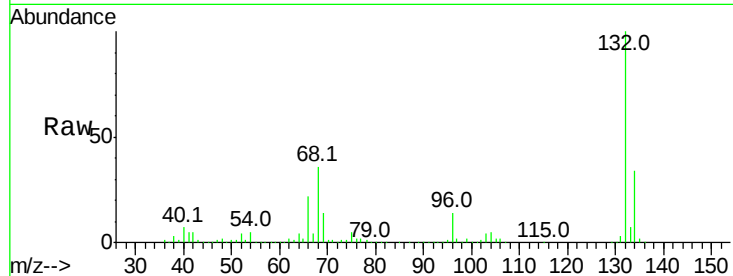
Tot Ion: 93 Resp: 1033

Ion Ratio Lower Upper

93 100

63 581.7 59.2 99.2#

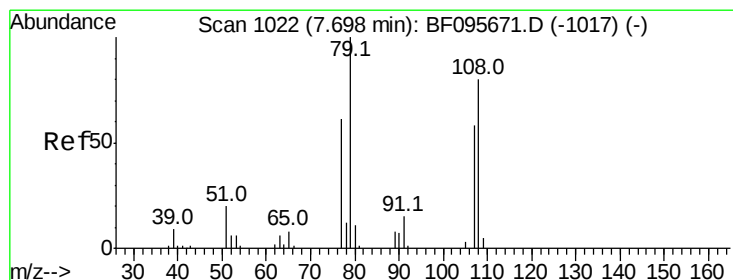
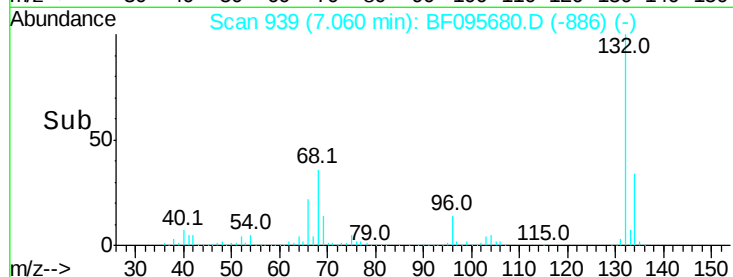
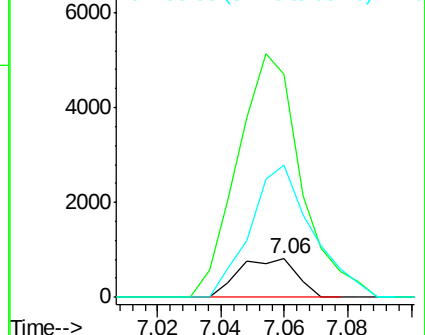
95 343.0 12.8 52.8#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#15

Benzyl Alcohol

Concen: 1.92 ng

RT: 7.63 min Scan# 1036

Delta R.T. -0.07 min

Lab File: BF095680.D

Acq: 5 Jun 2017 18:56

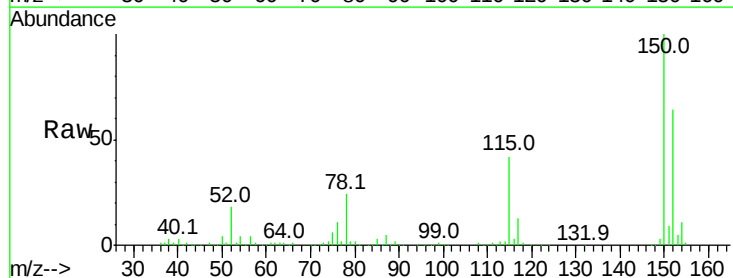
Tgt Ion: 79 Resp: 10377

Ion Ratio Lower Upper

79 100

108 33.5 63.4 95.0#

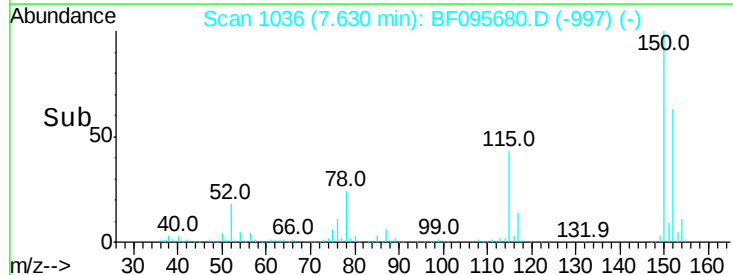
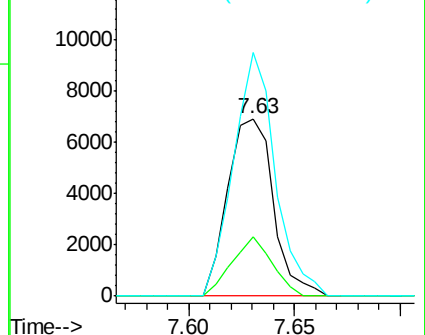
77 137.4 49.2 73.8#

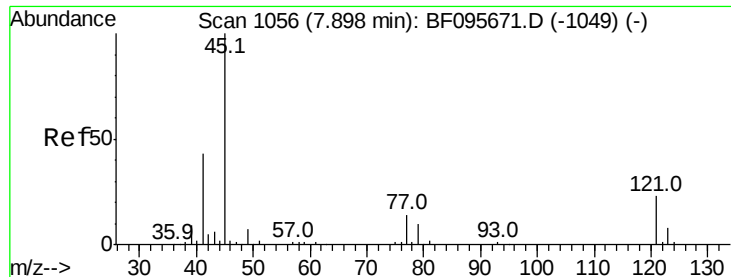


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

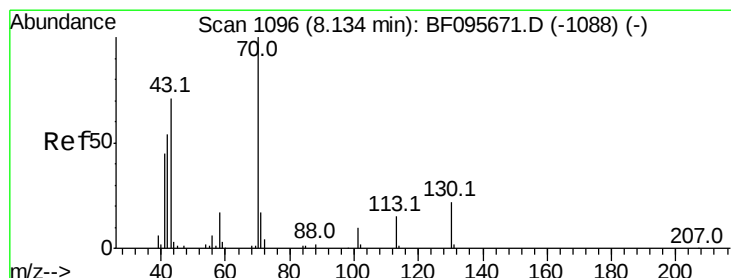
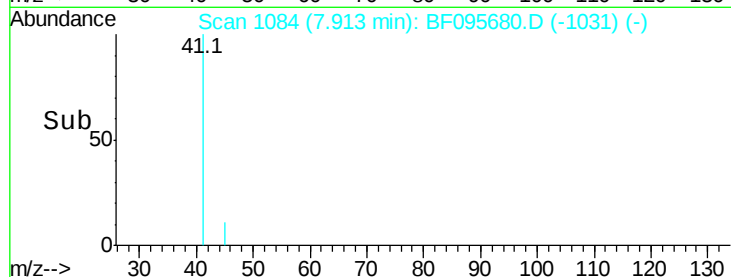
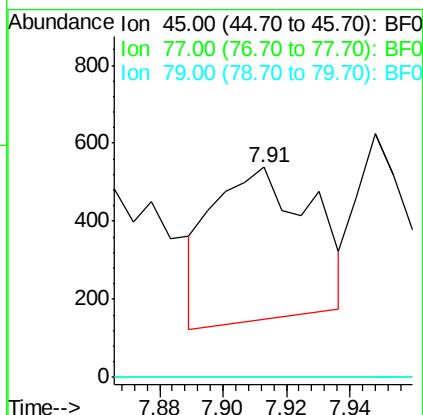
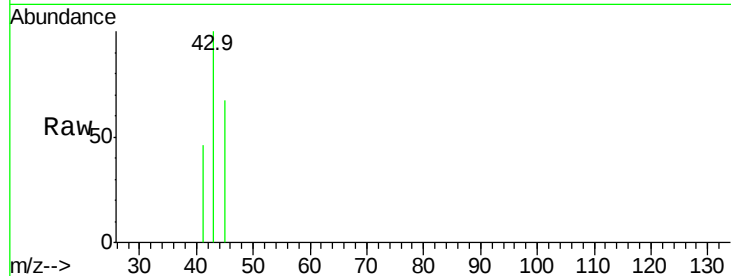




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 0.09 ng
RT: 7.91 min Scan# 1084
Delta R.T. 0.01 min
Lab File: BF095680.D
Acq: 5 Jun 2017 18:56

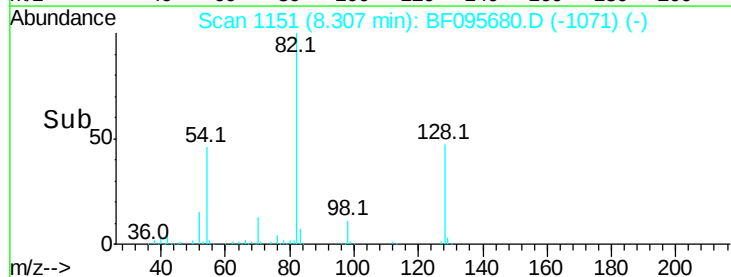
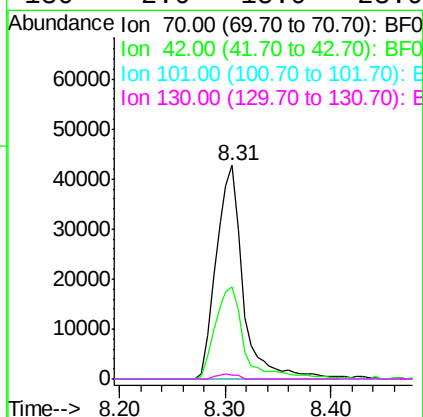
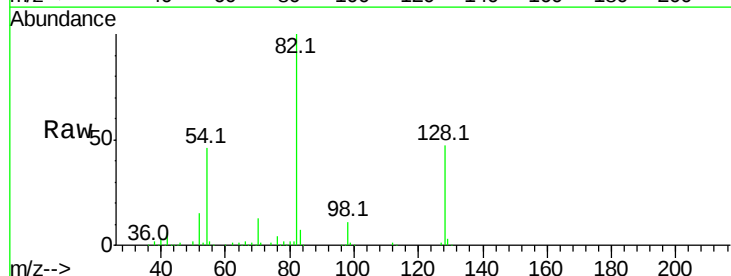
Instrument :
BNA_F
ClientSampled :

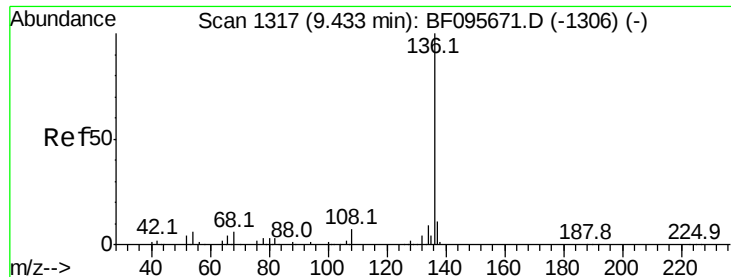
Tot Ion: 45 Resp: 844
Ion Ratio Lower Upper
45 100
77 0.0 0.0 33.2
79 0.0 0.0 30.0



#19
n-Nitroso-di-n-propylamine
Concen: 15.18 ng
RT: 8.31 min Scan# 1151
Delta R.T. 0.17 min
Lab File: BF095680.D
Acq: 5 Jun 2017 18:56

Tgt Ion: 70 Resp: 75916
Ion Ratio Lower Upper
70 100
42 43.0 47.2 70.8#
101 0.0 7.2 10.8#
130 2.0 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.42 min Scan# 1341

Delta R.T. -0.01 min

Lab File: BF095680.D

Acq: 5 Jun 2017 18:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 416084

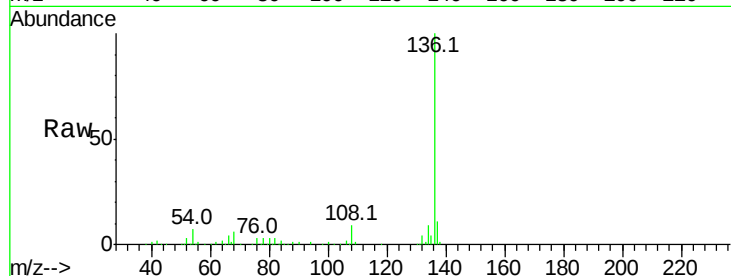
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 6.8 4.9 7.3

68 5.7 4.1 6.1

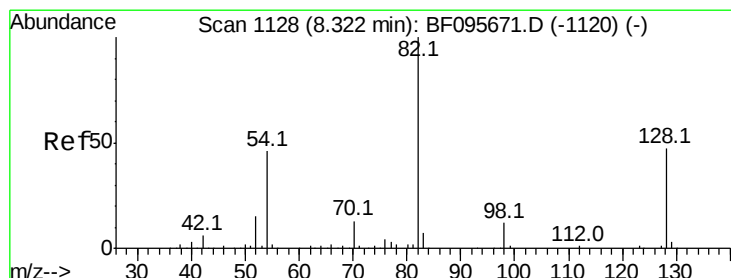
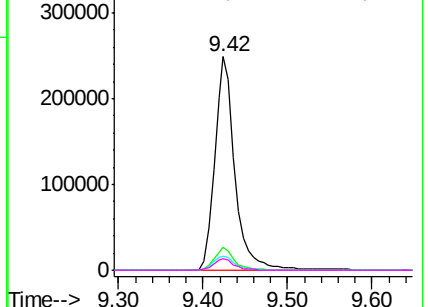
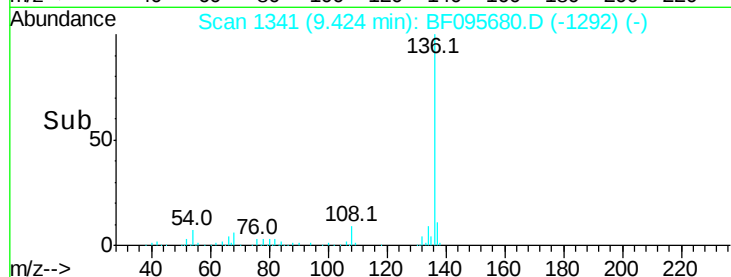


Abundance Ion 136.00 (135.70 to 136.70): E

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: 90.69 ng

RT: 8.31 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BF095680.D

Acq: 5 Jun 2017 18:56

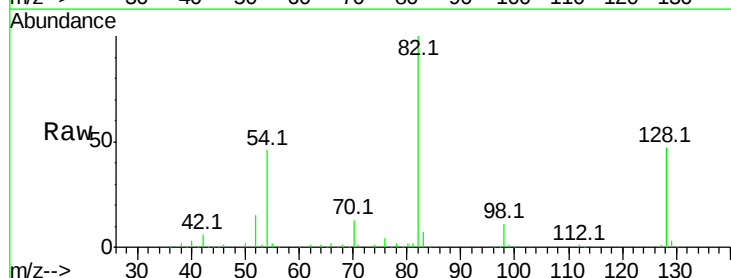
Tgt Ion: 82 Resp: 607630

Ion Ratio Lower Upper

82 100

128 47.0 34.0 51.0

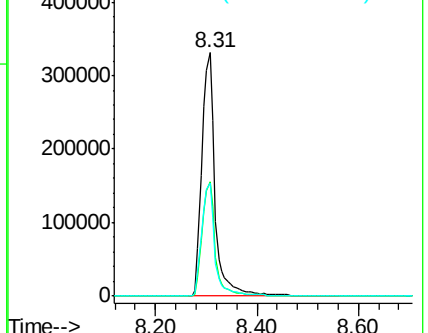
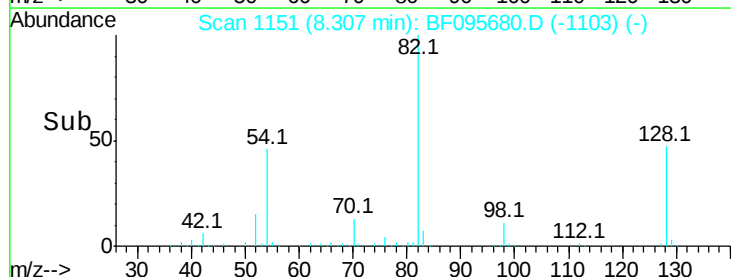
54 46.2 42.2 63.2

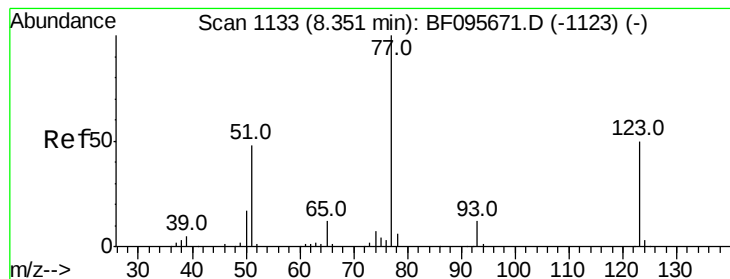


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 0.16 ng

RT: 8.30 min Scan# 1150

Delta R.T. -0.05 min

Lab File: BF095680.D

Acq: 5 Jun 2017 18:56

Instrument :

BNA_F

ClientSampled :

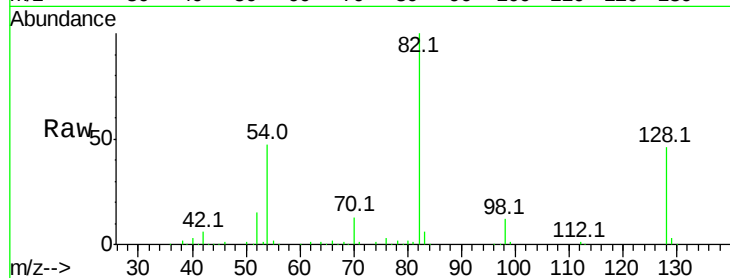
Tot Ion: 77 Resp: 1128

Ion Ratio Lower Upper

77 100

123 0.0 35.8 53.8#

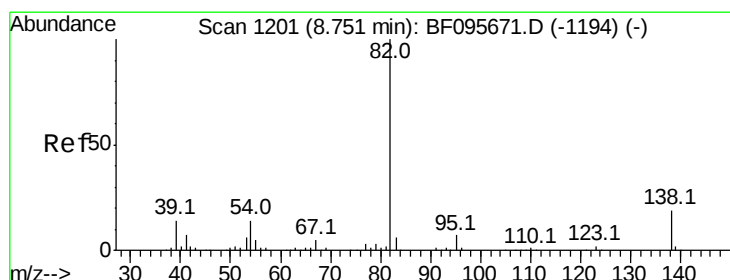
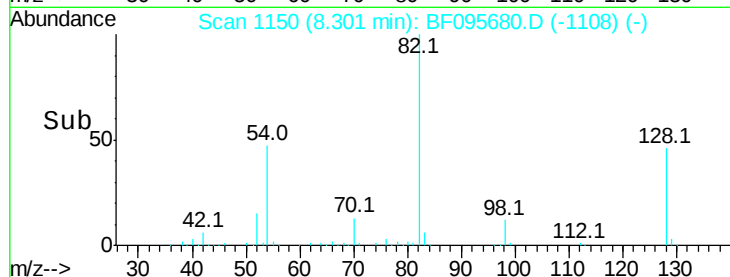
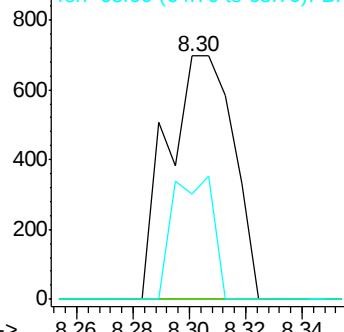
65 43.5 10.6 15.8#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 0.01 ng

RT: 8.67 min Scan# 1212

Delta R.T. -0.09 min

Lab File: BF095680.D

Acq: 5 Jun 2017 18:56

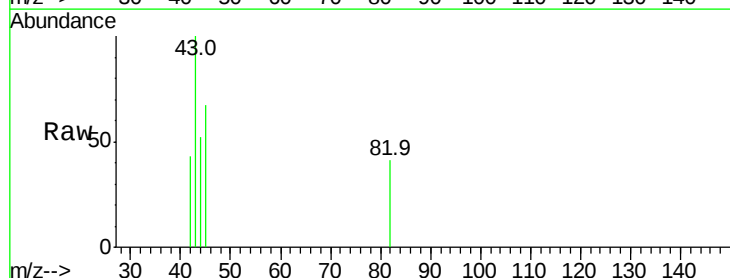
Tgt Ion: 82 Resp: 121

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

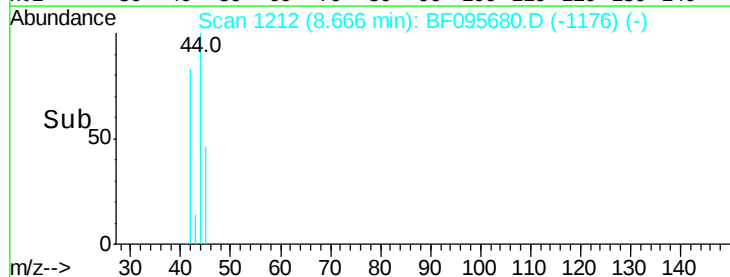
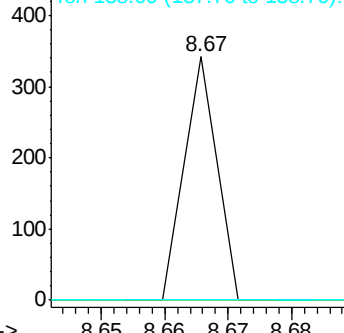
138 0.0 13.1 19.7#

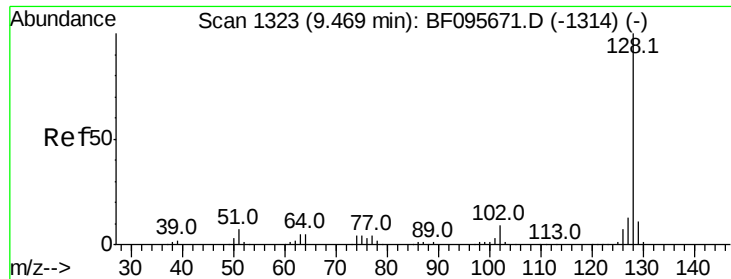


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0





#31

Naphthalene

Concen: 0.32 ng

RT: 9.45 min Scan# 1346

Delta R.T. -0.01 min

Lab File: BF095680.D

Acq: 5 Jun 2017 18:56

Instrument :

BNA_F

ClientSampleId :

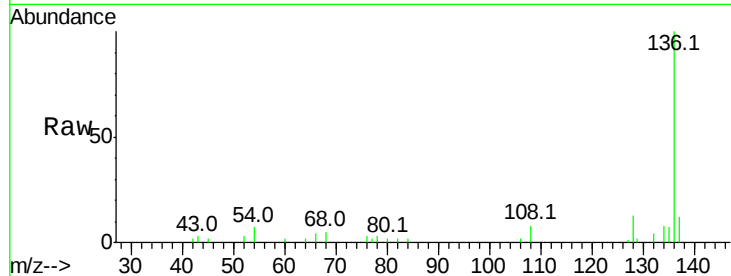
Tot Ion:128 Resp: 6748

Ion Ratio Lower Upper

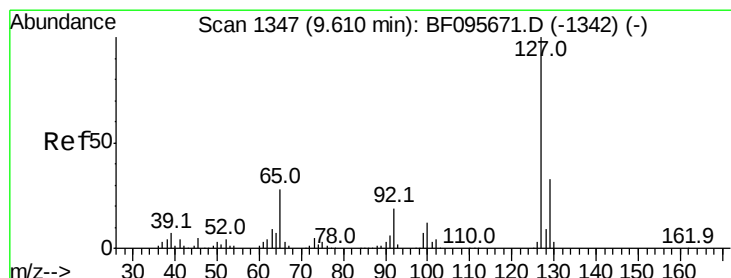
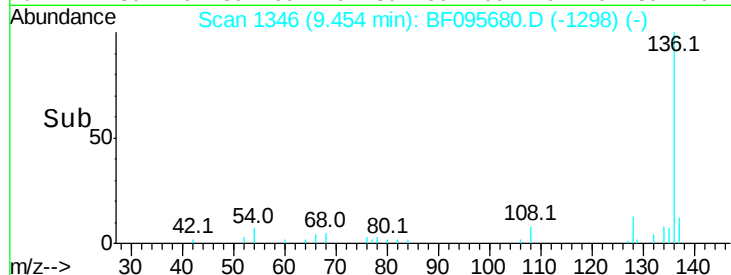
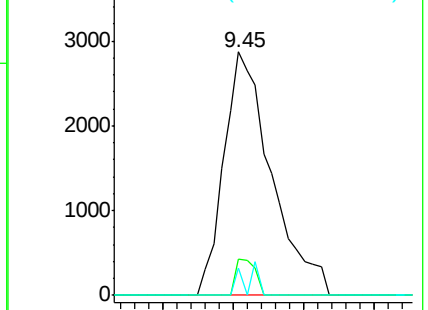
128 100

129 14.8 9.0 13.6#

127 11.3 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



#33

4-Chloroaniline

Concen: 0.01 ng

RT: 9.45 min Scan# 1346

Delta R.T. -0.16 min

Lab File: BF095680.D

Acq: 5 Jun 2017 18:56

Tgt Ion:127 Resp: 114

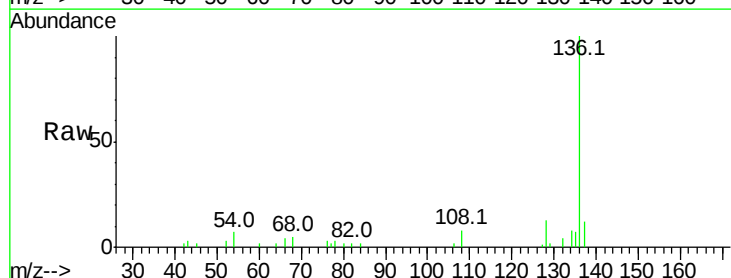
Ion Ratio Lower Upper

127 100

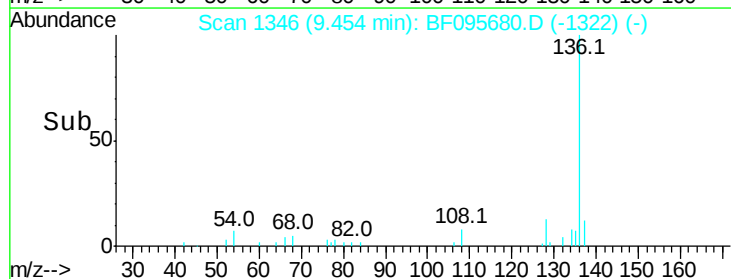
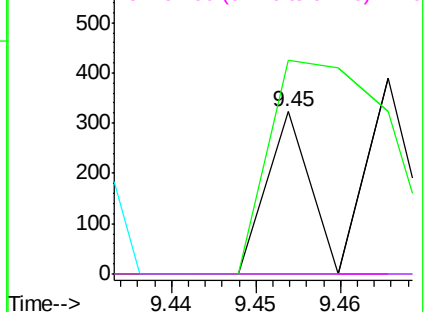
129 131.6 26.2 39.2#

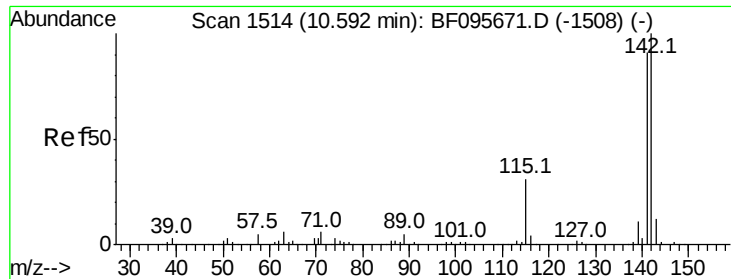
65 0.0 27.8 41.8#

92 0.0 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

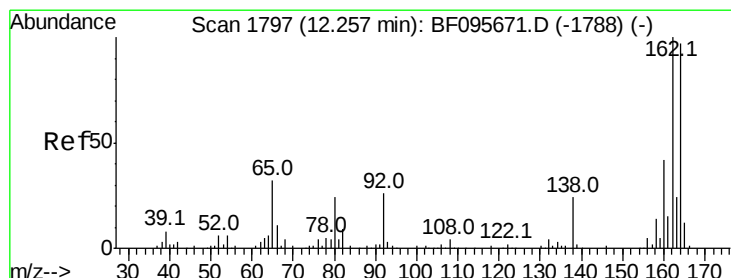
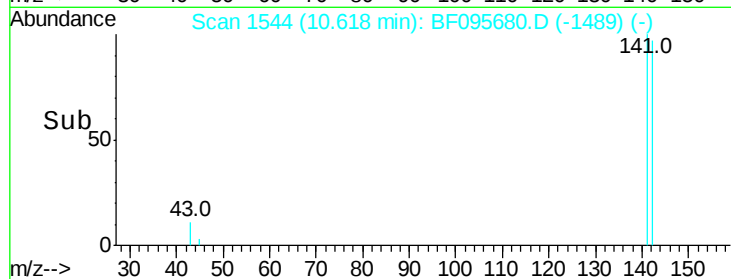
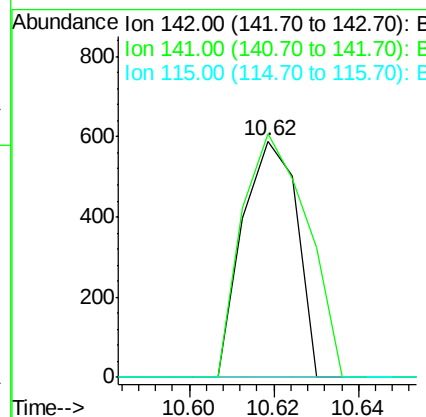
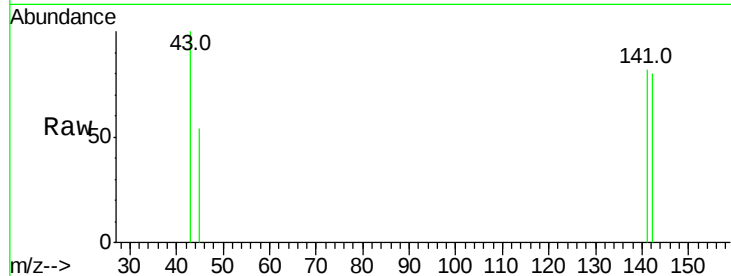




#37
 2-Methylnaphthalene
 Concen: 0.04 ng
 RT: 10.62 min Scan# 1544
 Delta R.T. 0.03 min
 Lab File: BF095680.D
 Acq: 5 Jun 2017 18:56

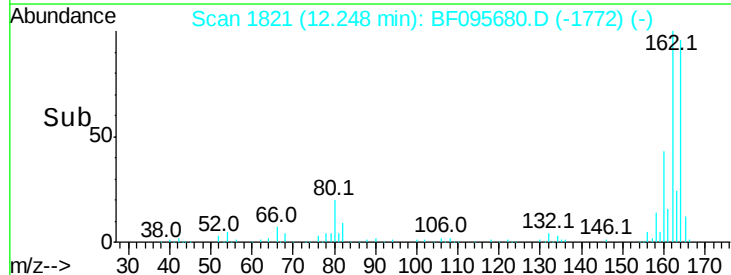
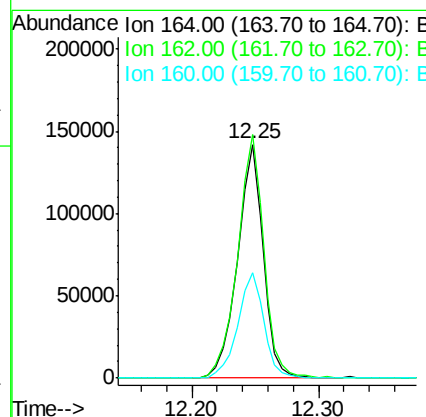
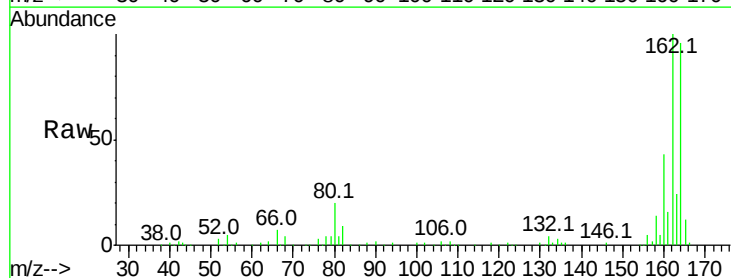
Instrument :
 BNA_F
 ClientSampleId :

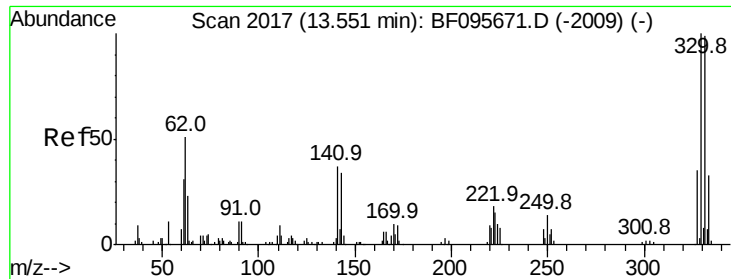
Tot Ion:142 Resp: 526
 Ion Ratio Lower Upper
 142 100
 141 102.9 71.3 106.9
 115 0.0 27.1 40.7#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.25 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: BF095680.D
 Acq: 5 Jun 2017 18:56

Tgt Ion:164 Resp: 198289
 Ion Ratio Lower Upper
 164 100
 162 104.2 82.6 123.8
 160 45.2 36.2 54.2

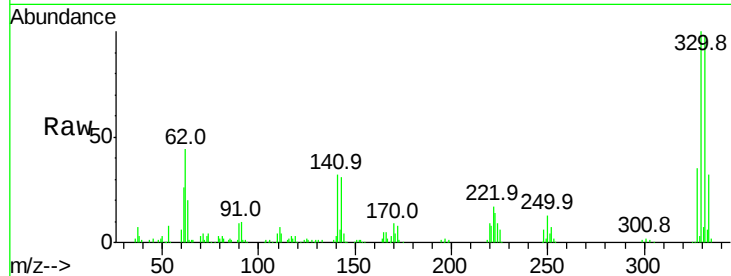




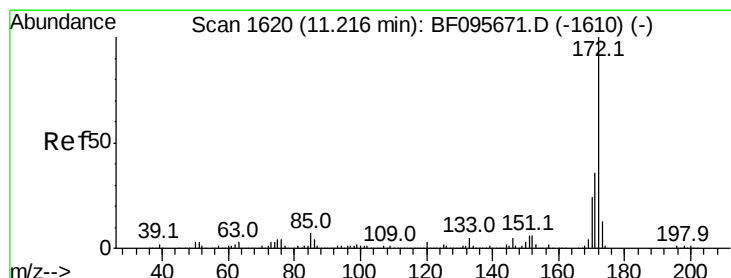
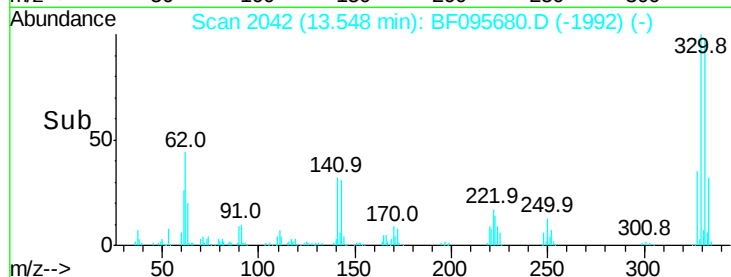
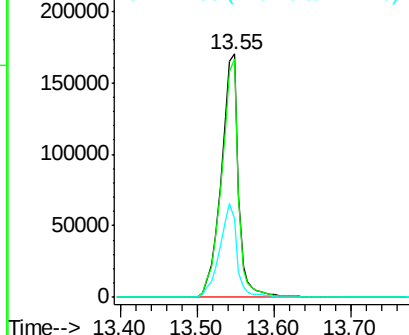
#41
 2,4,6-Tribromophenol
 Concen: 151.70 ng
 RT: 13.55 min Scan# 2042
 Delta R.T. -0.00 min
 Lab File: BF095680.D
 Acq: 5 Jun 2017 18:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 266150
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.6 115.0
 141 38.4 31.4 47.2

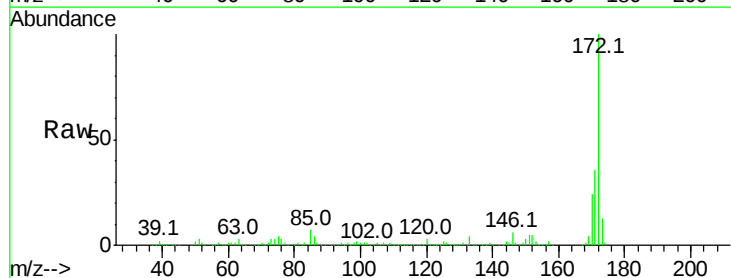


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

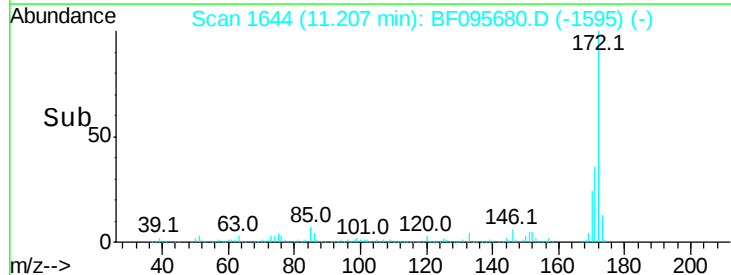
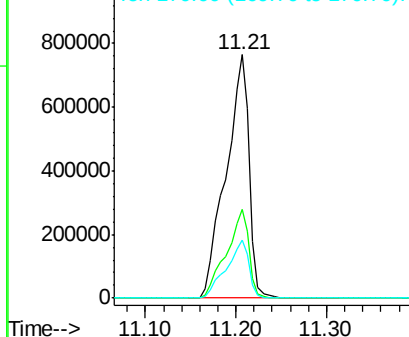


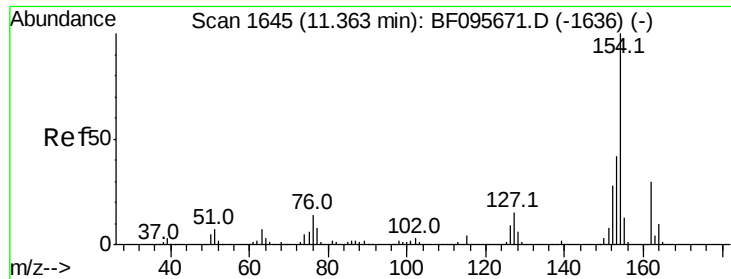
#44
 2-Fluorobiphenyl
 Concen: 95.41 ng
 RT: 11.21 min Scan# 1644
 Delta R.T. -0.01 min
 Lab File: BF095680.D
 Acq: 5 Jun 2017 18:56

Tgt Ion:172 Resp: 1359540
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 23.6 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: 0.04 ng

RT: 11.35 min Scan# 1668

Delta R.T. -0.01 min

Lab File: BF095680.D

Acq: 5 Jun 2017 18:56

Instrument :

BNA_F

ClientSampleId :

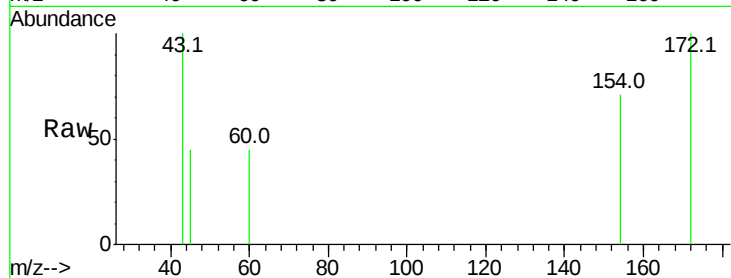
Tot Ion:154 Resp: 582

Ion Ratio Lower Upper

154 100

153 0.0 21.2 61.2#

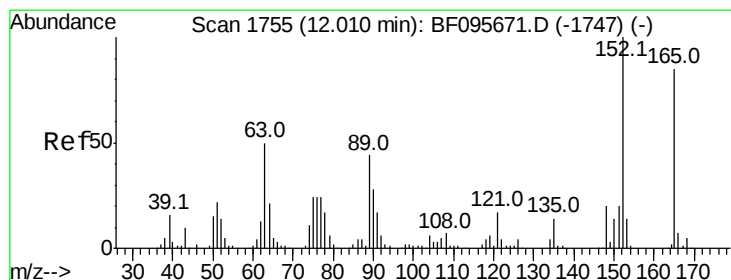
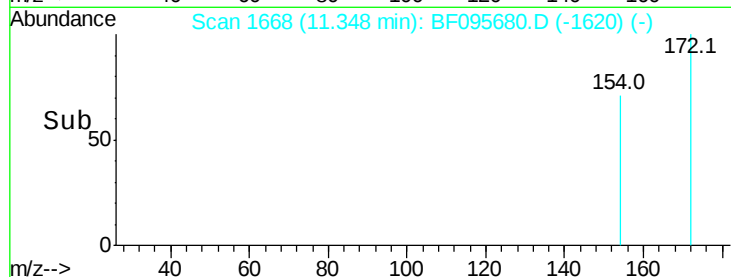
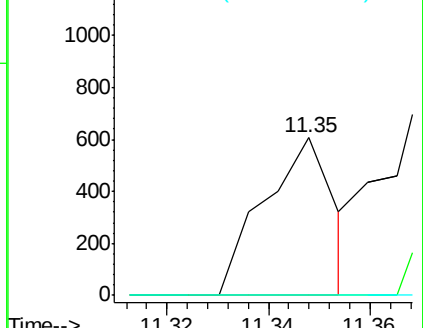
76 0.0 0.0 29.9



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



#50

2,6-Dinitrotoluene

Concen: 7.59 ng

RT: 12.25 min Scan# 1821

Delta R.T. 0.24 min

Lab File: BF095680.D

Acq: 5 Jun 2017 18:56

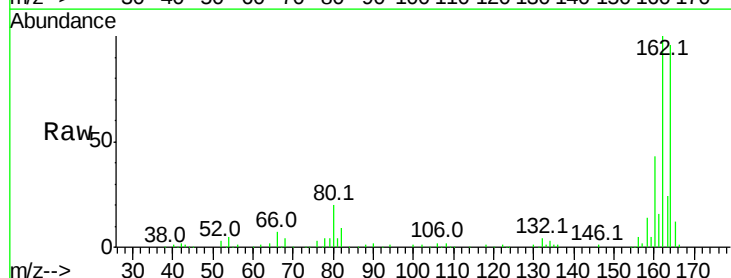
Tgt Ion:165 Resp: 24935

Ion Ratio Lower Upper

165 100

63 0.0 34.3 51.5#

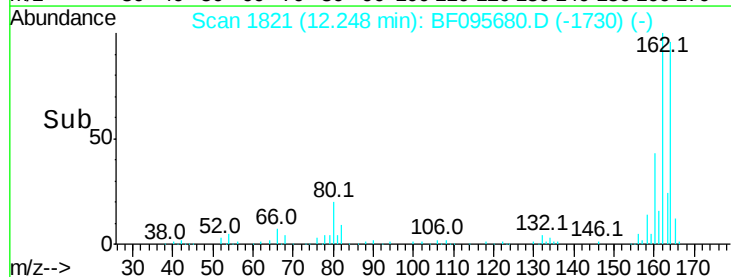
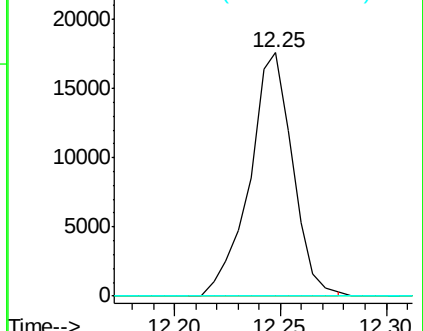
89 0.0 37.1 55.7#

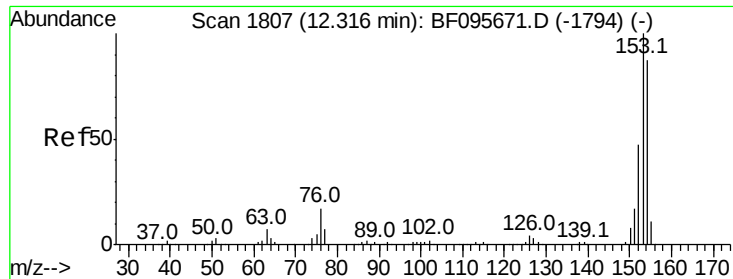


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 0.06 ng

RT: 12.31 min Scan# 1832

Delta R.T. -0.00 min

Lab File: BF095680.D

Acq: 5 Jun 2017 18:56

Instrument :

BNA_F

ClientSampleId :

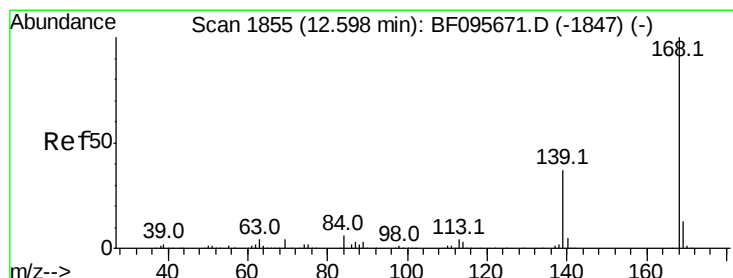
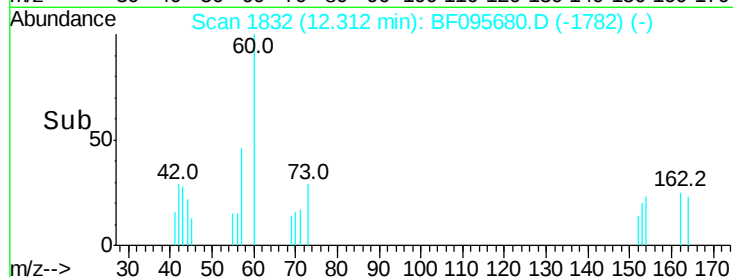
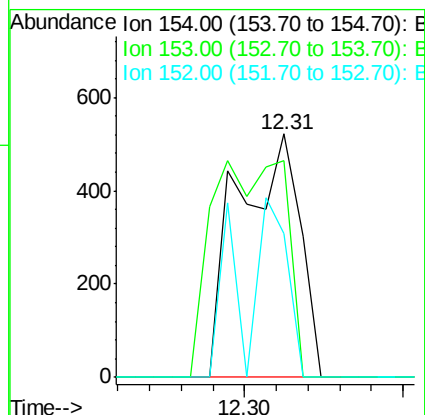
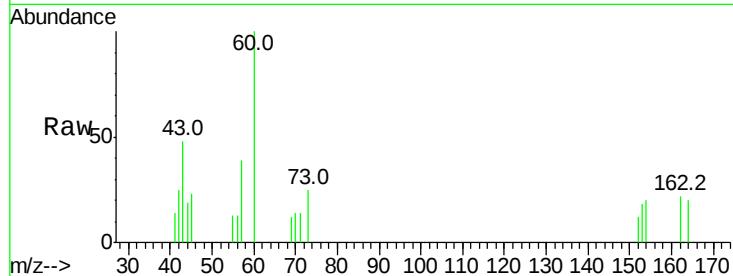
Tot Ion:154 Resp: 706

Ion Ratio Lower Upper

154 100

153 88.9 90.5 135.7#

152 59.0 43.6 65.4



#54

Dibenzofuran

Concen: 0.01 ng

RT: 12.62 min Scan# 1884

Delta R.T. 0.02 min

Lab File: BF095680.D

Acq: 5 Jun 2017 18:56

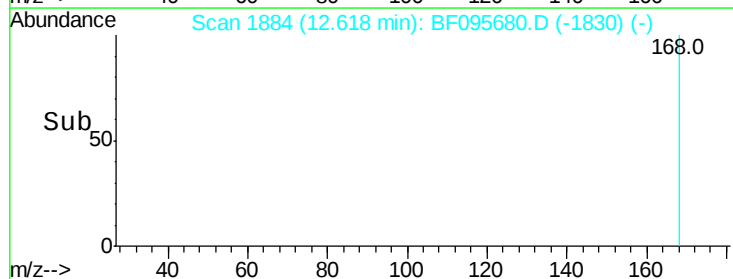
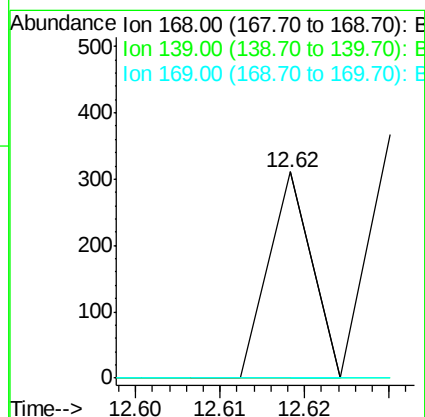
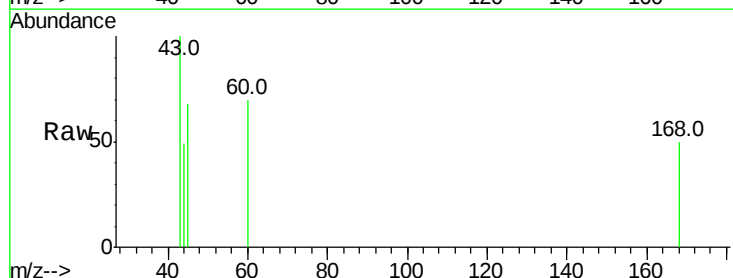
Tgt Ion:168 Resp: 110

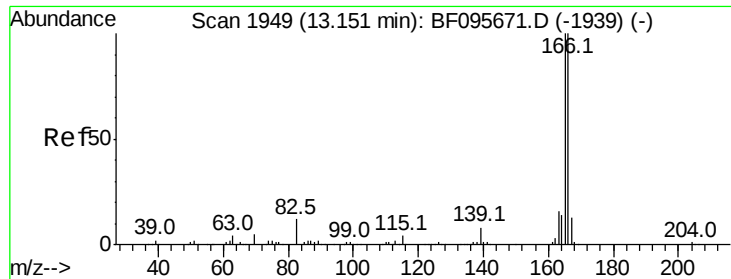
Ion Ratio Lower Upper

168 100

139 0.0 30.6 45.8#

169 0.0 10.8 16.2#





#57

Fluorene

Concen: 0.03 ng

RT: 13.16 min Scan# 1976

Delta R.T. 0.01 min

Lab File: BF095680.D

Acq: 5 Jun 2017 18:56

Instrument :

BNA_F

ClientSampleId :

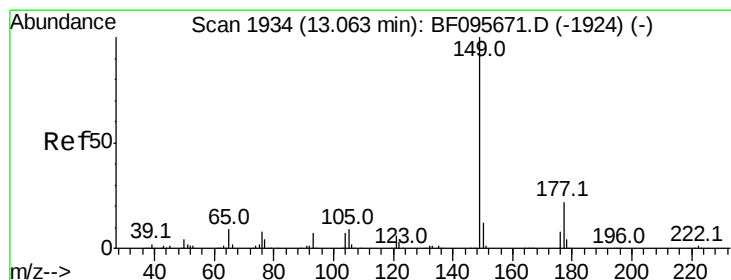
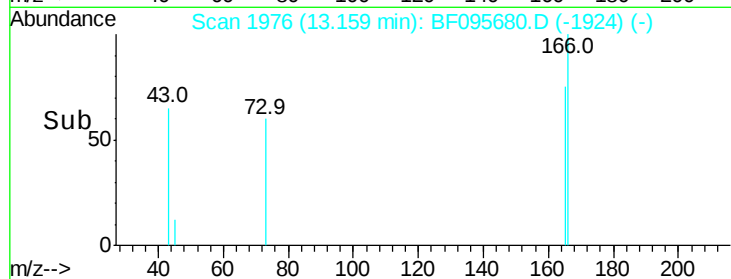
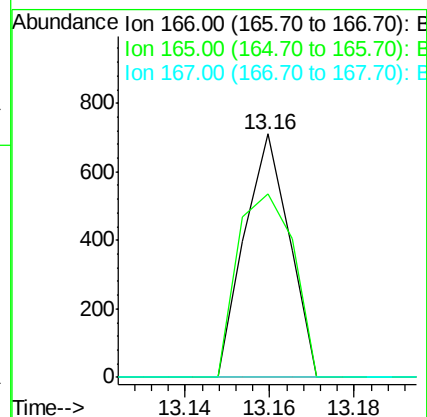
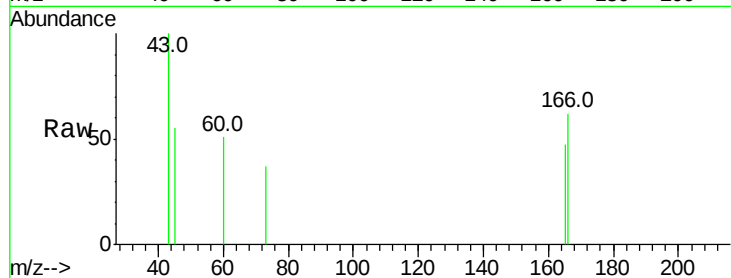
Tot Ion:166 Resp: 523

Ion Ratio Lower Upper

166 100

165 75.1 78.8 118.2#

167 0.0 10.6 16.0#



#59

Diethylphthalate

Concen: 0.78 ng

RT: 13.02 min Scan# 1953

Delta R.T. -0.04 min

Lab File: BF095680.D

Acq: 5 Jun 2017 18:56

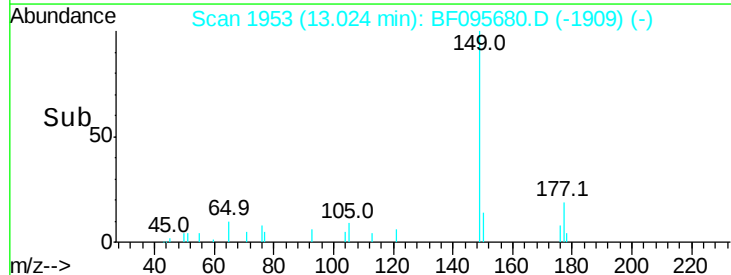
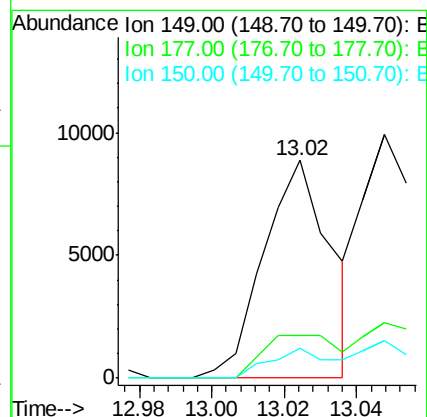
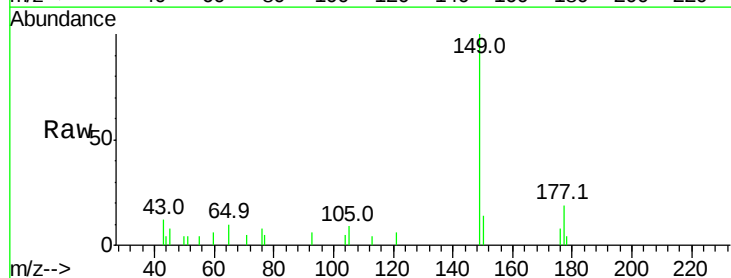
Tgt Ion:149 Resp: 11324

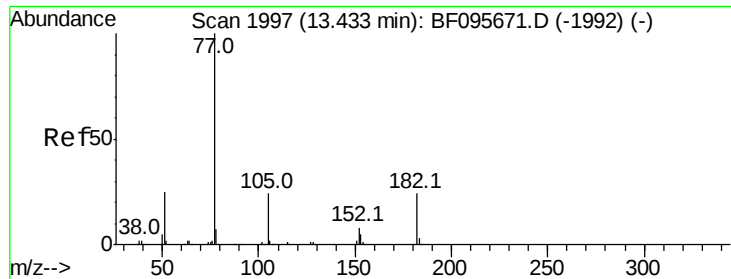
Ion Ratio Lower Upper

149 100

177 19.3 16.7 25.1

150 13.9 10.2 15.2





#62

Azobenzene

Concen: 0.11 ng

RT: 13.54 min Scan# 2041

Delta R.T. 0.11 min

Lab File: BF095680.D

Acq: 5 Jun 2017 18:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1381

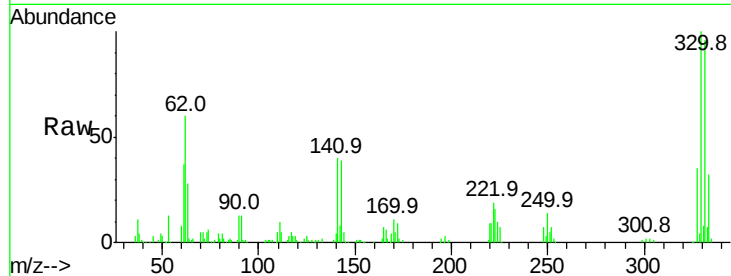
Ion Ratio Lower Upper

77 100

182 0.0 0.1 40.1#

105 100.0 3.6 43.6#

51 69.4 9.4 49.4#

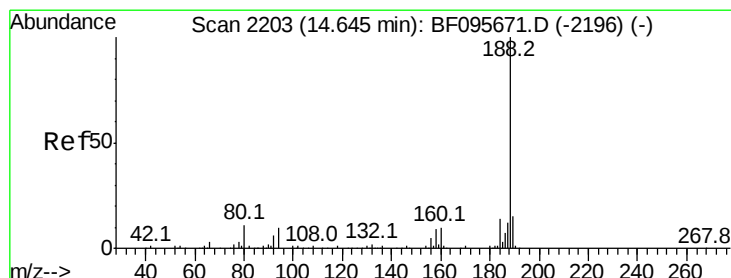
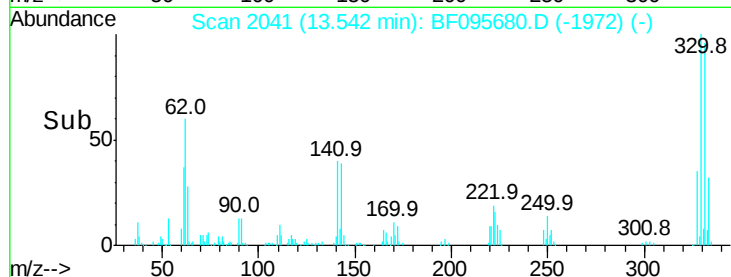
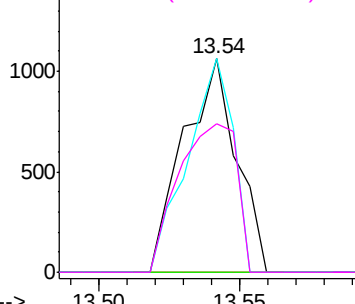


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 14.64 min Scan# 2228

Delta R.T. -0.00 min

Lab File: BF095680.D

Acq: 5 Jun 2017 18:56

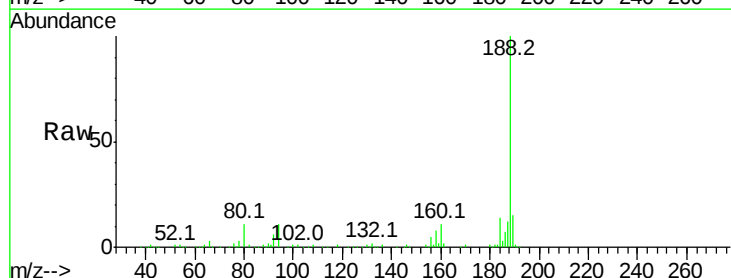
Tgt Ion: 188 Resp: 339162

Ion Ratio Lower Upper

188 100

94 10.6 9.4 14.2

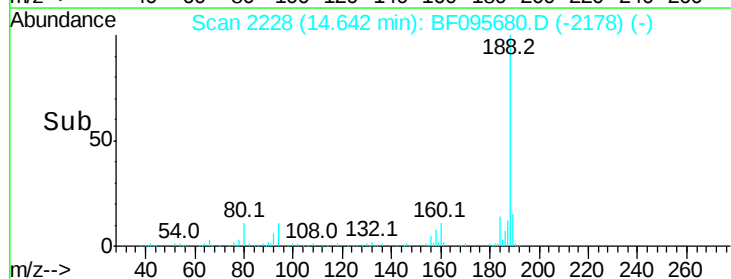
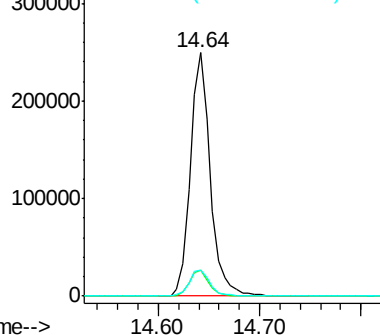
80 10.9 10.2 15.2

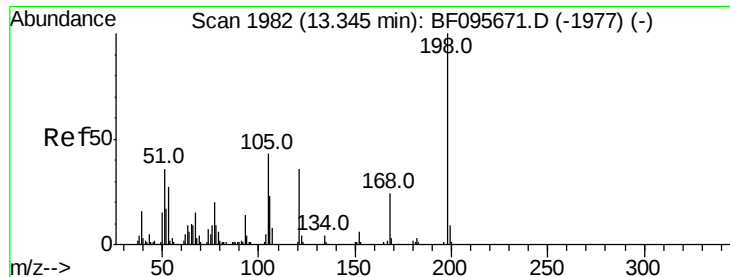


Abundance Ion 188.00 (187.70 to 188.70): E

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: 0.18 ng

RT: 13.54 min Scan# 2041

Delta R.T. 0.20 min

Lab File: BF095680.D

Acq: 5 Jun 2017 18:56

Instrument :

BNA_F

ClientSampleId :

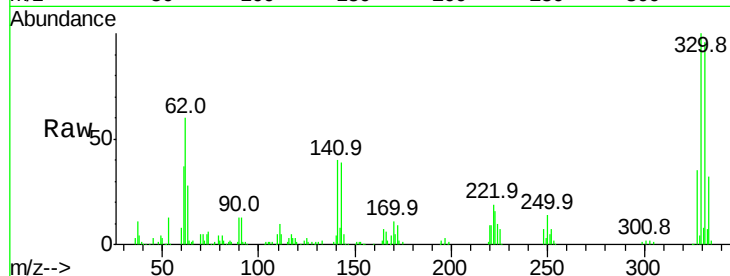
Tot Ion:198 Resp: 405

Ion Ratio Lower Upper

198 100

51 163.6 53.2 93.2#

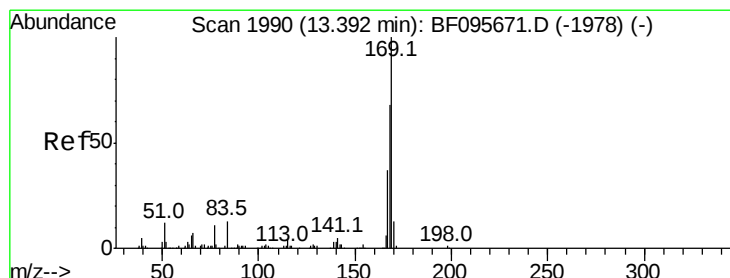
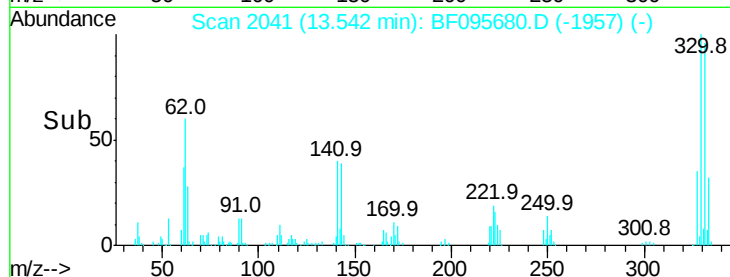
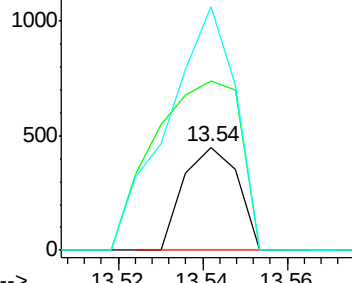
105 235.7 45.8 85.8#



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: 0.76 ng

RT: 13.54 min Scan# 2041

Delta R.T. 0.15 min

Lab File: BF095680.D

Acq: 5 Jun 2017 18:56

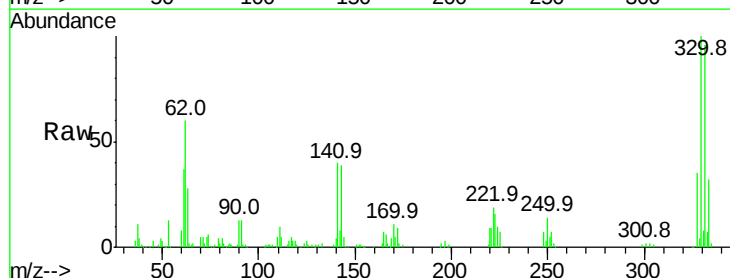
Tgt Ion:169 Resp: 9241

Ion Ratio Lower Upper

169 100

168 8.4 53.2 79.8#

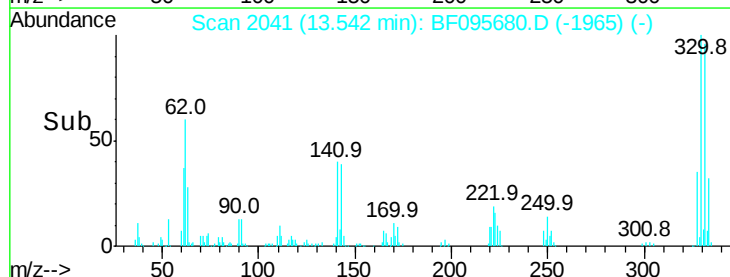
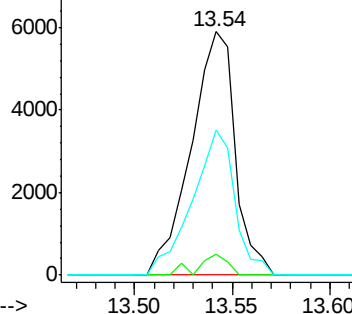
167 59.5 29.5 44.3#

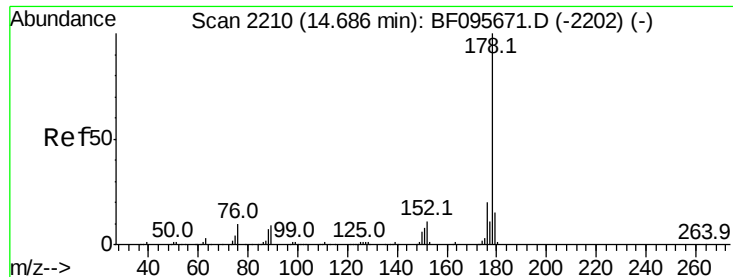


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#70

Phenanthrene

Concen: 0.08 ng

RT: 14.68 min Scan# 2235

Delta R.T. -0.00 min

Lab File: BF095680.D

Acq: 5 Jun 2017 18:56

Instrument :

BNA_F

ClientSampled :

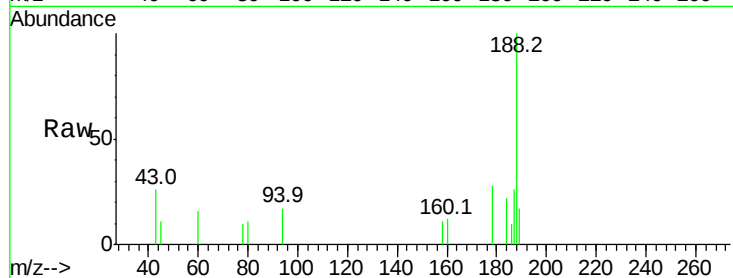
Tot Ion:178 Resp: 1566

Ion Ratio Lower Upper

178 100

176 0.0 16.2 24.4#

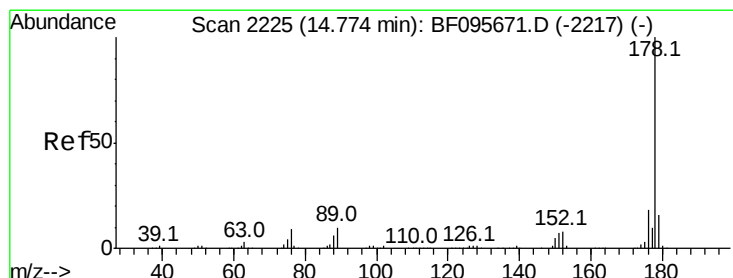
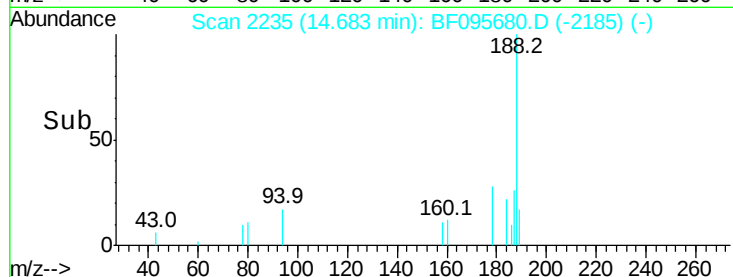
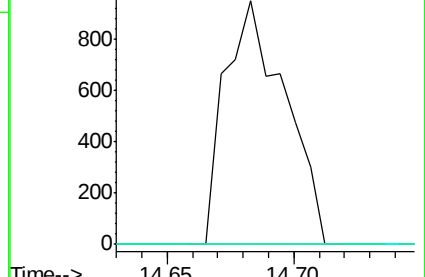
179 0.0 12.6 19.0#



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: 0.08 ng

RT: 14.68 min Scan# 2235

Delta R.T. -0.09 min

Lab File: BF095680.D

Acq: 5 Jun 2017 18:56

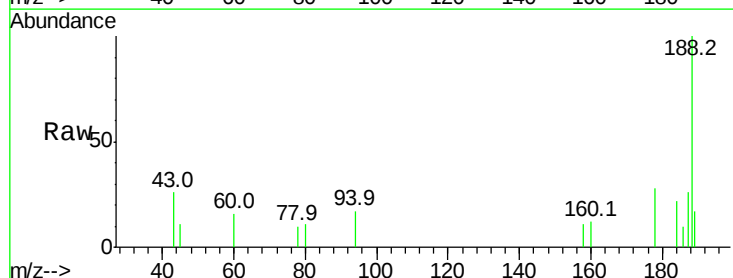
Tgt Ion:178 Resp: 1566

Ion Ratio Lower Upper

178 100

176 0.0 15.8 23.8#

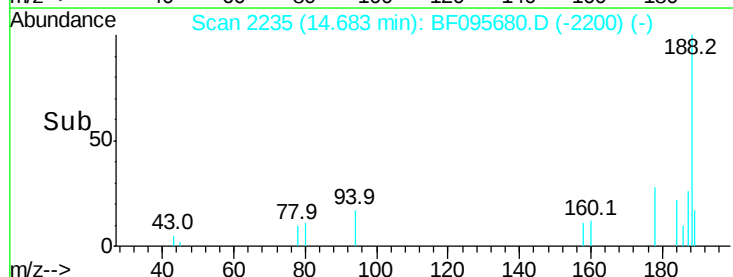
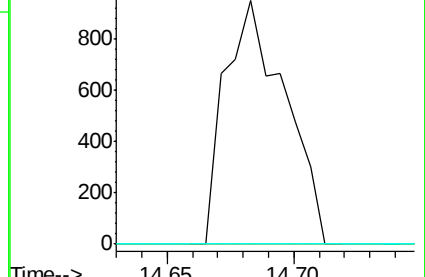
179 0.0 12.7 19.1#

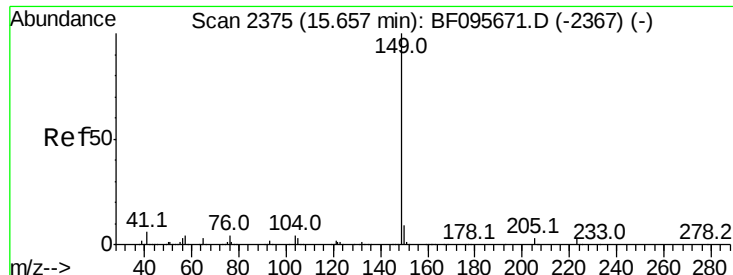


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Di-n-butylphthalate

Concen: 0.87 ng

RT: 15.65 min Scan# 2400

Delta R.T. -0.00 min

Lab File: BF095680.D

Acq: 5 Jun 2017 18:56

Instrument :

BNA_F

ClientSampleId :

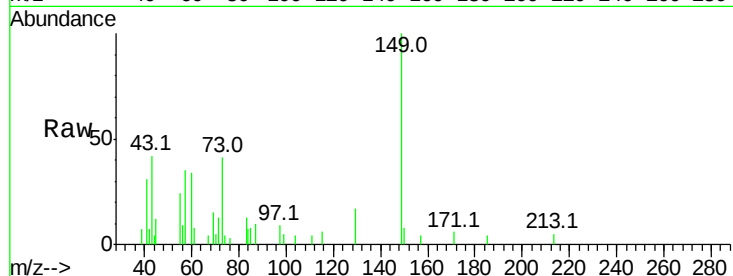
Tot Ion:149 Resp: 18427

Ion Ratio Lower Upper

149 100

150 8.1 7.7 11.5

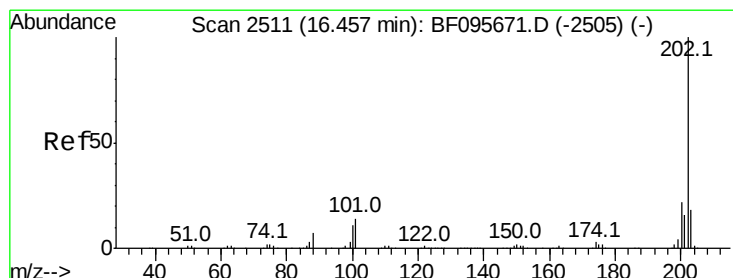
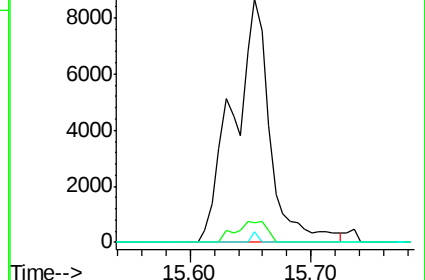
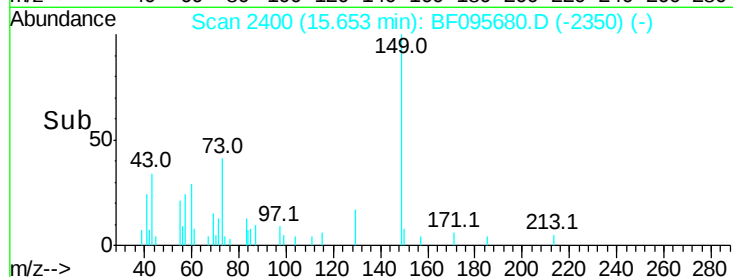
104 4.1 4.0 6.0



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



#74

Fluoranthene

Concen: 0.02 ng

RT: 16.49 min Scan# 2542

Delta R.T. 0.03 min

Lab File: BF095680.D

Acq: 5 Jun 2017 18:56

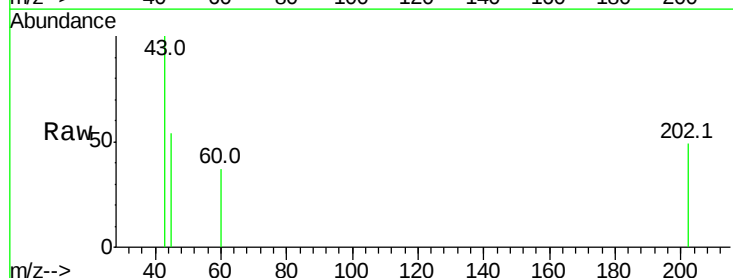
Tgt Ion:202 Resp: 440

Ion Ratio Lower Upper

202 100

101 0.0 0.0 33.2

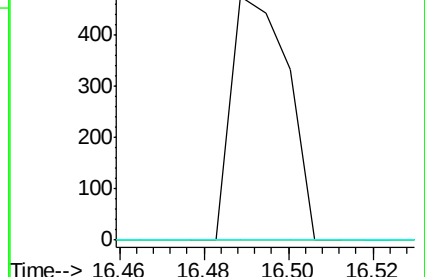
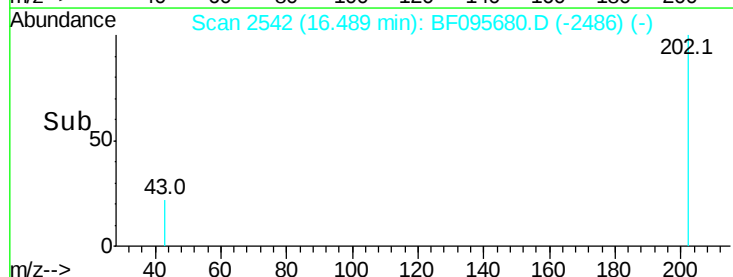
203 0.0 0.0 38.1

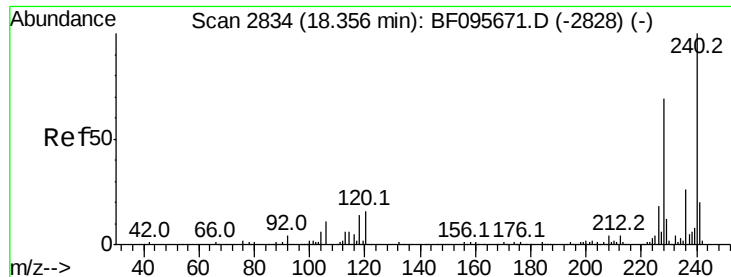


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

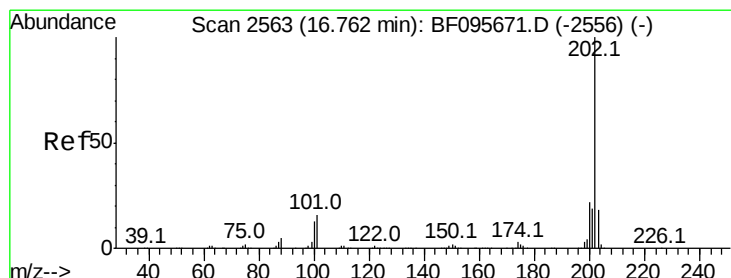
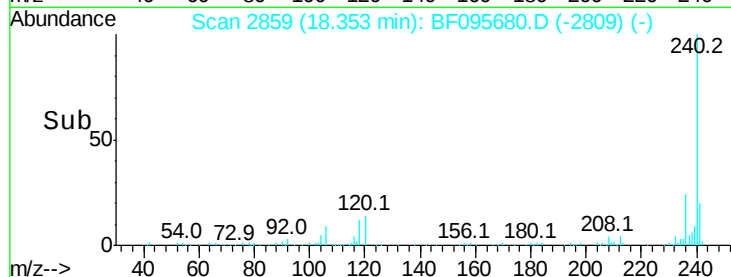
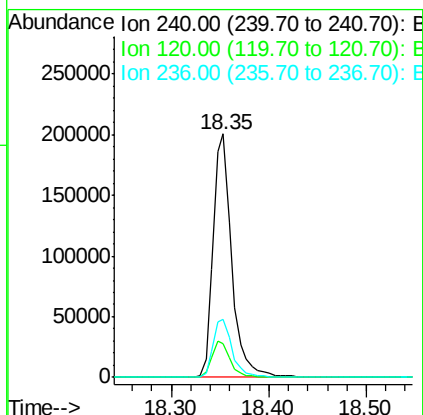
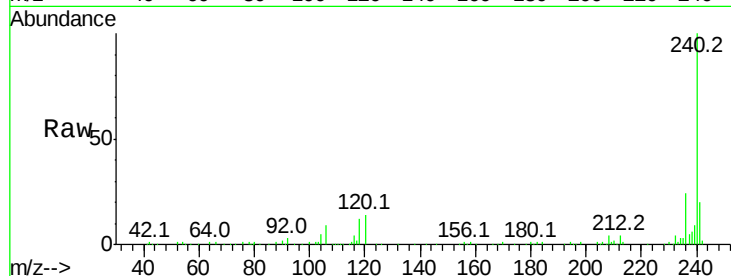




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.35 min Scan# 2859
 Delta R.T. -0.00 min
 Lab File: BF095680.D
 Acq: 5 Jun 2017 18:56

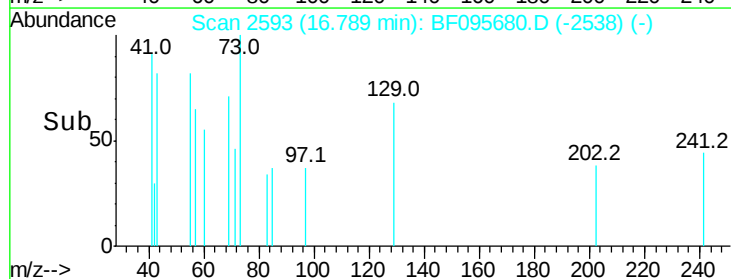
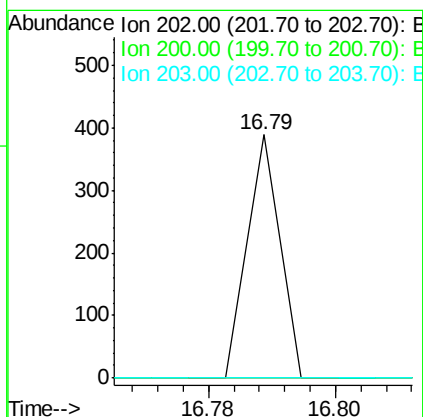
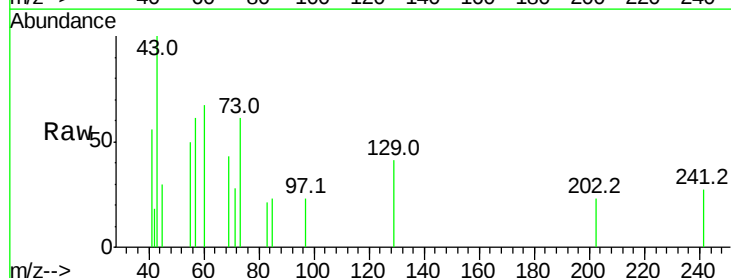
Instrument :
 BNA_F
 ClientSampleId :

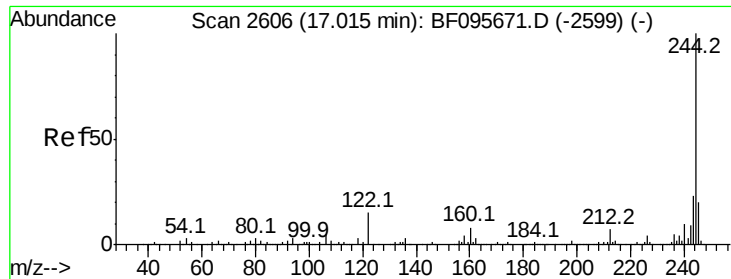
Tot Ion:240 Resp: 264724
 Ion Ratio Lower Upper
 240 100
 120 13.8 5.8 8.8#
 236 24.0 20.5 30.7



#77
 Pyrene
 Concen: 0.01 ng
 RT: 16.79 min Scan# 2593
 Delta R.T. 0.03 min
 Lab File: BF095680.D
 Acq: 5 Jun 2017 18:56

Tgt Ion:202 Resp: 137
 Ion Ratio Lower Upper
 202 100
 200 0.0 17.6 26.4#
 203 0.0 14.4 21.6#

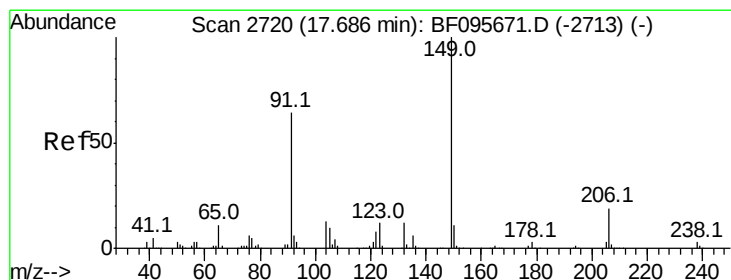
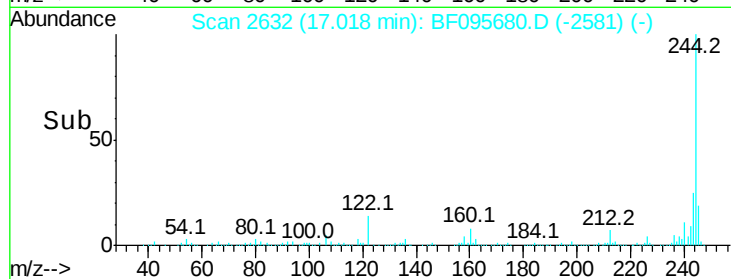
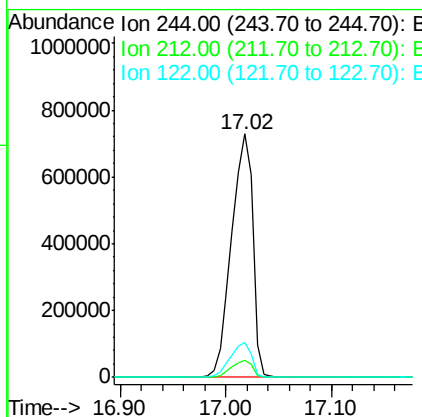
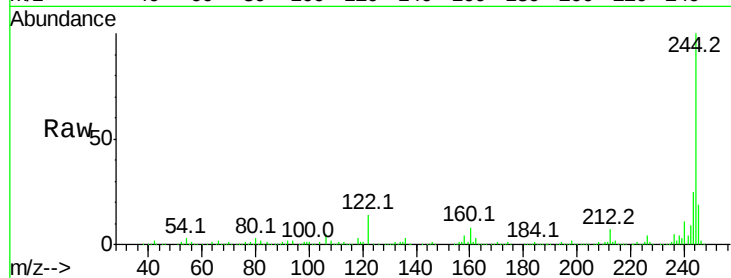




#78
 Terphenyl-d14
 Concen: 94.44 ng
 RT: 17.02 min Scan# 2632
 Delta R.T. 0.00 min
 Lab File: BF095680.D
 Acq: 5 Jun 2017 18:56

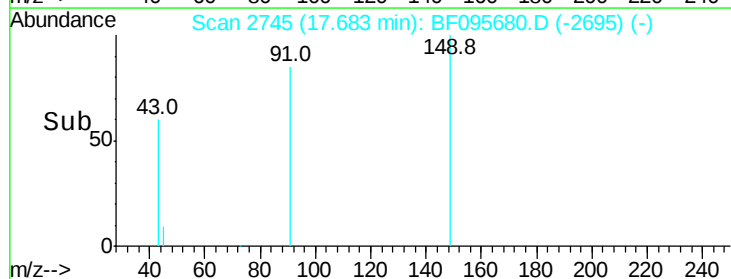
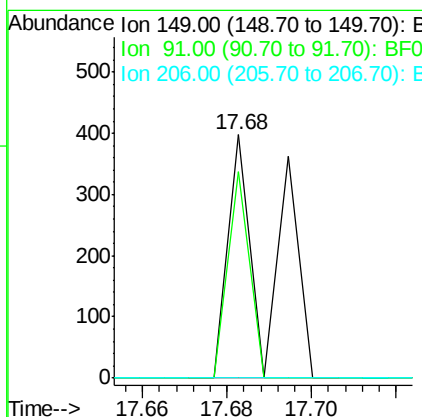
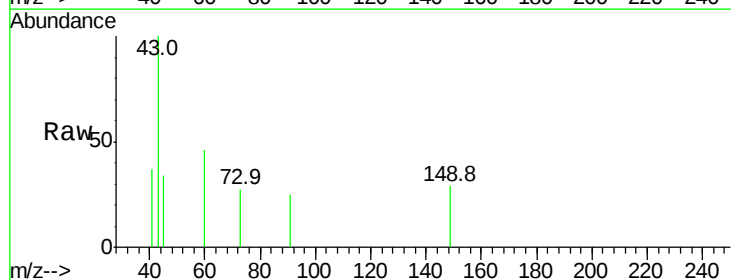
Instrument :
 BNA_F
 ClientSampleId :

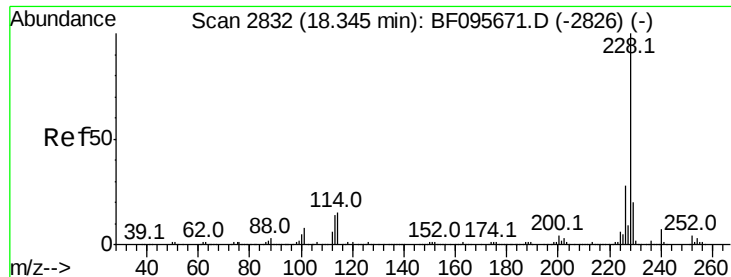
Tot Ion:244 Resp: 1007397
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 14.2 10.3 15.5



#79
 Butylbenzylphthalate
 Concen: 0.03 ng
 RT: 17.68 min Scan# 2745
 Delta R.T. -0.00 min
 Lab File: BF095680.D
 Acq: 5 Jun 2017 18:56

Tgt Ion:149 Resp: 268
 Ion Ratio Lower Upper
 149 100
 91 84.7 45.0 67.4#
 206 0.0 17.0 25.6#





#80

Benzo(a)anthracene

Concen: 0.05 ng

RT: 18.35 min Scan# 2858

Delta R.T. 0.00 min

Lab File: BF095680.D

Acq: 5 Jun 2017 18:56

Instrument :

BNA_F

ClientSampleId :

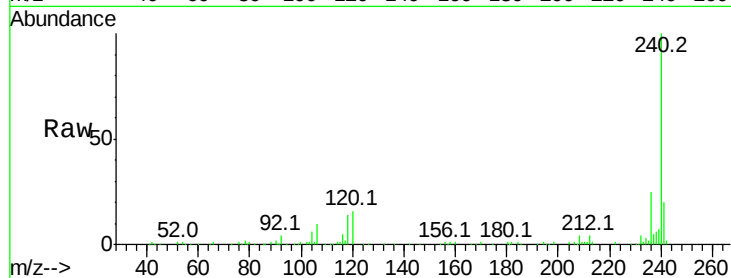
Tot Ion:228 Resp: 841

Ion Ratio Lower Upper

228 100

226 0.0 22.6 33.8#

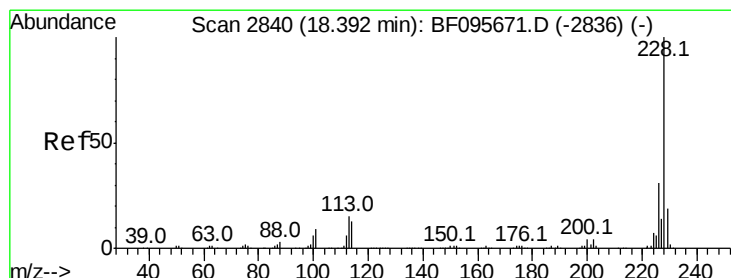
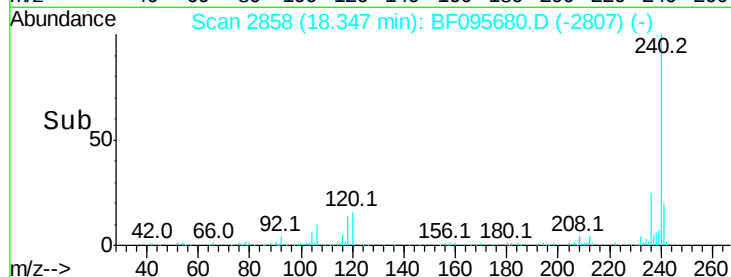
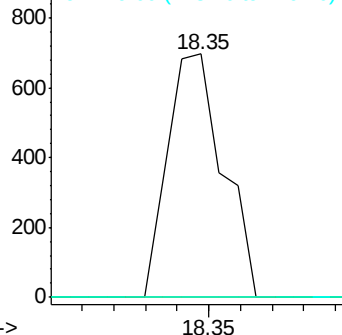
229 0.0 16.3 24.5#



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: 0.05 ng

RT: 18.35 min Scan# 2858

Delta R.T. -0.04 min

Lab File: BF095680.D

Acq: 5 Jun 2017 18:56

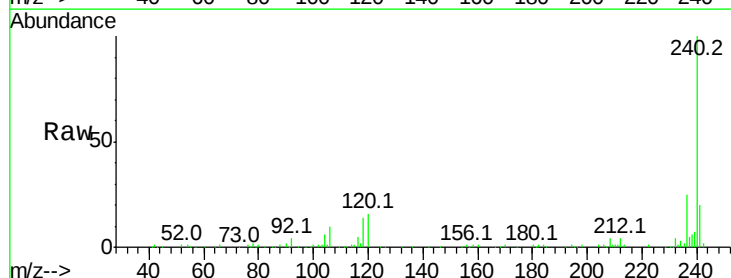
Tgt Ion:228 Resp: 841

Ion Ratio Lower Upper

228 100

226 0.0 24.9 37.3#

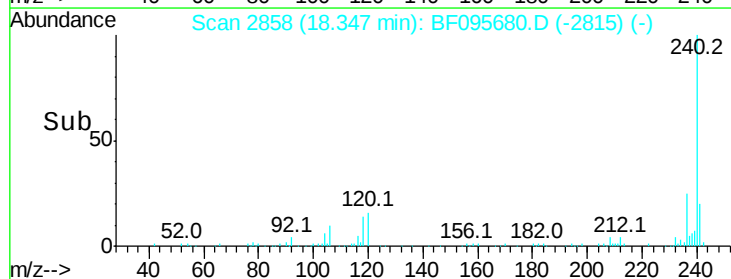
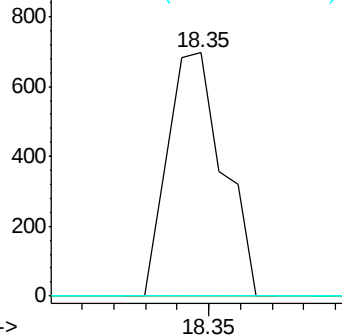
229 0.0 15.8 23.6#

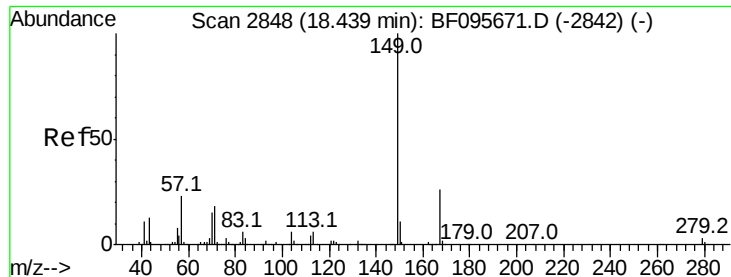


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

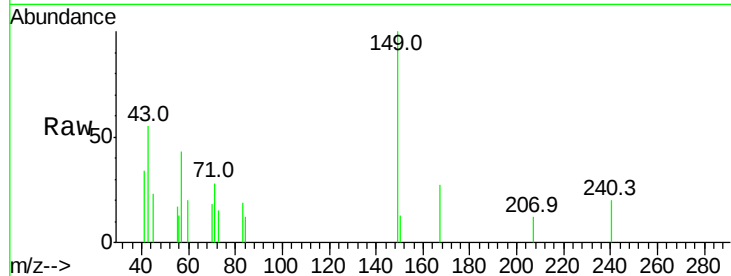




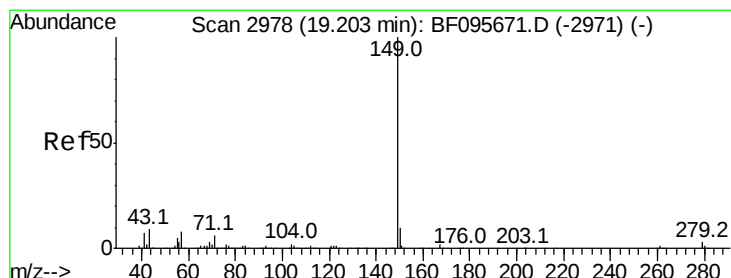
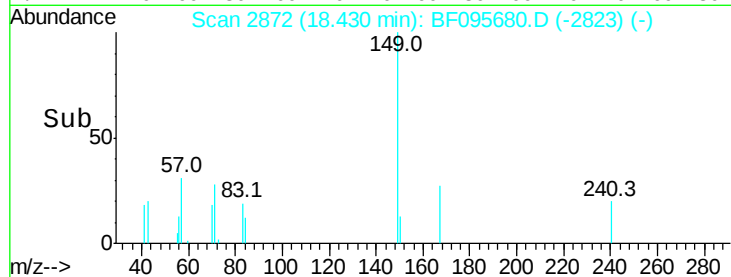
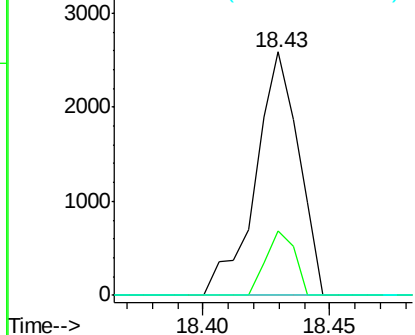
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.25 ng
 RT: 18.43 min Scan# 2872
 Delta R.T. -0.01 min
 Lab File: BF095680.D
 Acq: 5 Jun 2017 18:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 3087
 Ion Ratio Lower Upper
 149 100
 167 26.6 21.0 31.4
 279 0.0 1.9 2.9#

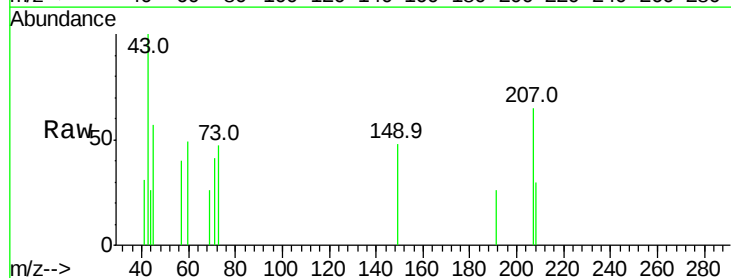


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

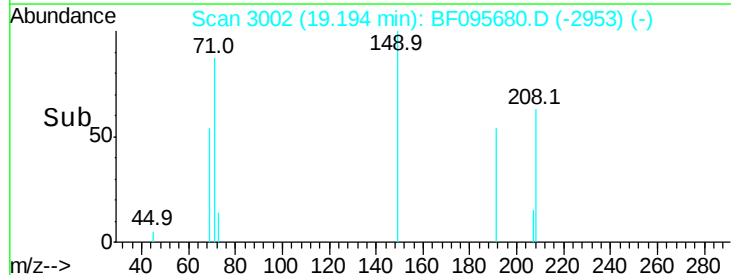
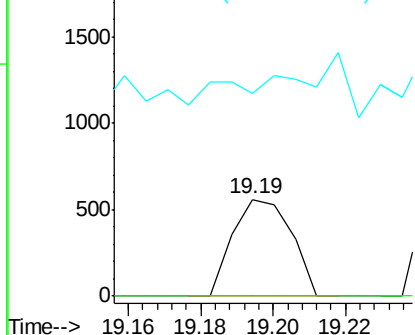


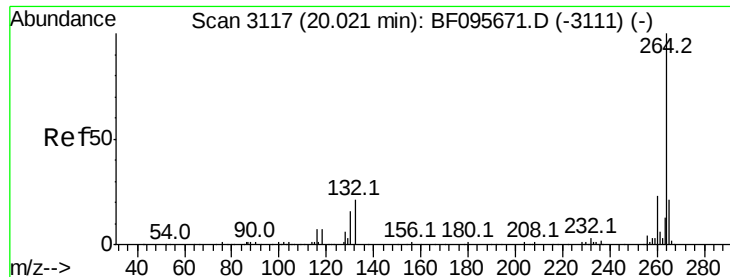
#84
 Di-n-octyl phthalate
 Concen: 0.03 ng
 RT: 19.19 min Scan# 3002
 Delta R.T. -0.01 min
 Lab File: BF095680.D
 Acq: 5 Jun 2017 18:56

Tgt Ion:149 Resp: 627
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.2 1.8#
 43 0.0 8.5 12.7#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0

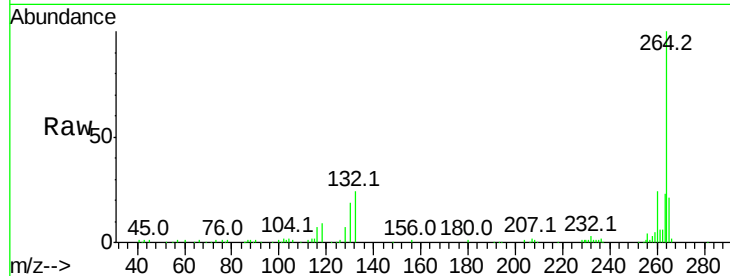




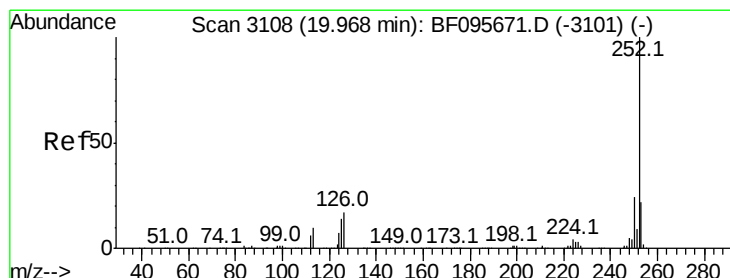
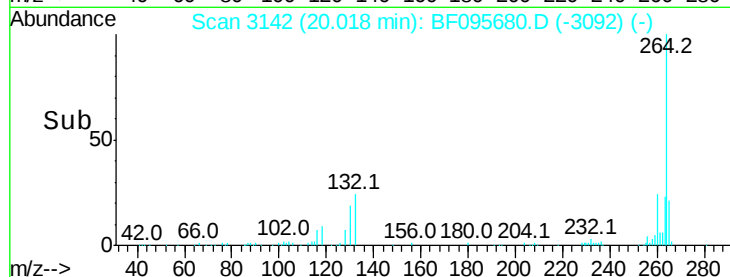
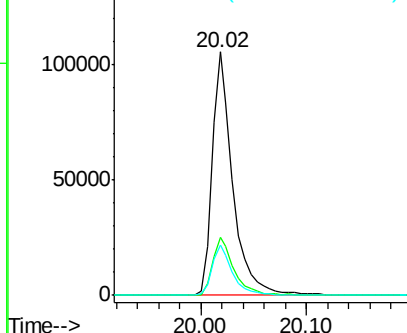
#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.02 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BF095680.D
Acq: 5 Jun 2017 18:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 144949
Ion Ratio Lower Upper
264 100
260 24.0 19.5 29.3
265 20.8 17.2 25.8

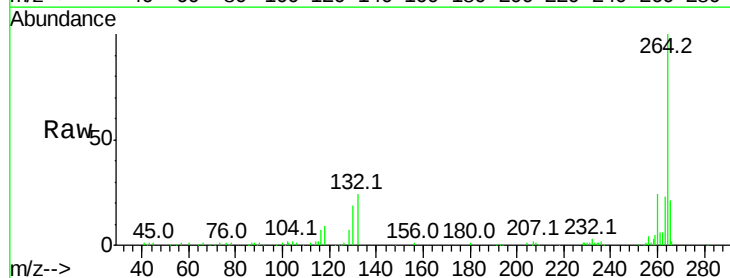


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#89
Benzo(a)pyrene
Concen: 0.04 ng
RT: 20.02 min Scan# 3142
Delta R.T. 0.05 min
Lab File: BF095680.D
Acq: 5 Jun 2017 18:56

Tgt Ion:252 Resp: 308
Ion Ratio Lower Upper
252 100
253 0.0 17.5 26.3#
125 71.8 11.0 16.4#



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

