

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073016\
 Data File : BF089418.D
 Acq On : 29 Jul 2016 19:35
 Operator : UM/SJ
 Sample : H4221-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-43-8.7-15.0

Quant Time: Jul 29 23:32:23 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 28 16:02:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.51	152	41521	20.00	ng	-0.03
21) Naphthalene-d8	7.80	136	162341	20.00	ng	-0.02
38) Acenaphthene-d10	9.54	164	76589	20.00	ng	-0.03
63) Phenanthrene-d10	11.02	188	114798	20.00	ng	-0.03
75) Chrysene-d12	13.63	240	79895	20.00	ng	-0.03
86) Perylene-d12	14.96	264	87131	20.00	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.08	112	206820	79.53	ng	-0.02
7) Phenol-d6	6.17	99	198722	57.83	ng	-0.03
23) Nitrobenzene-d5	7.08	82	261674	95.14	ng	-0.03
41) 2,4,6-Tribromophenol	10.33	330	68617	108.17	ng	-0.03
44) 2-Fluorobiphenyl	8.88	172	476166	91.24	ng	-0.03
78) Terphenyl-d14	12.59	244	286367	83.89	ng	-0.03

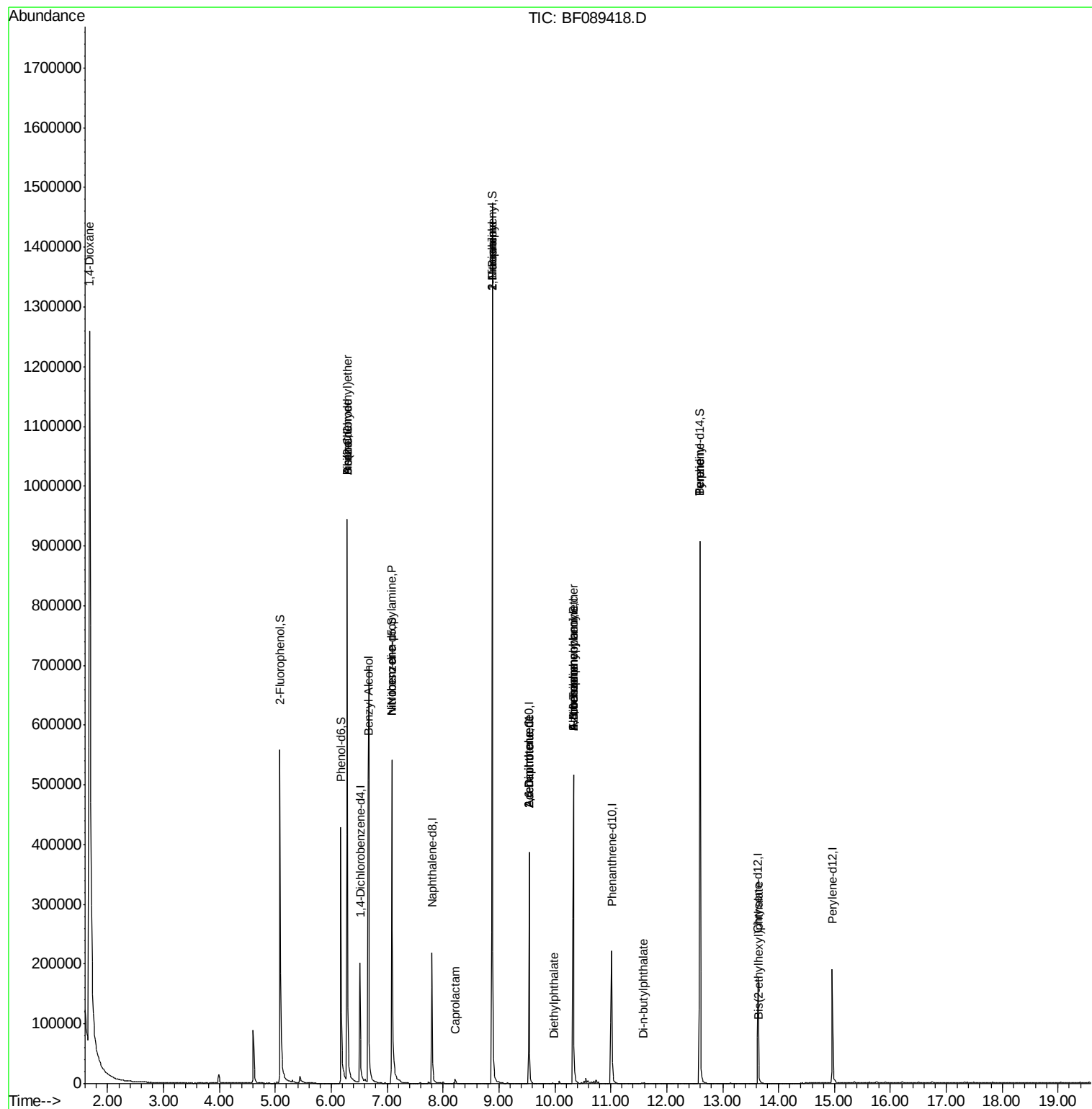
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.68	88	75184	66.11	ng	# 26
6) Aniline	6.28	93	283	0.08	ng	# 1
9) Benzaldehyde	6.28	77	7338	4.37	ng	81
10) Phenol	6.28	94	457	0.12	ng	# 1
11) bis(2-Chloroethyl)ether	6.28	93	283	0.09	ng	# 1
15) Benzyl Alcohol	6.66	79	4218	1.98	ng	# 50
19) n-Nitroso-di-n-propylamine	7.08	70	34440	16.62	ng	# 82
24) Nitrobenzene	7.08	77	433	0.14	ng	# 38
35) Caprolactam	8.22	113	1293	2.11	ng	92
45) 1,1'-Biphenyl	8.88	154	727	0.11	ng	# 1
47) 2-Nitroaniline	8.88	65	662	0.46	ng	# 1
50) 2,6-Dinitrotoluene	9.54	165	9391	7.84	ng	# 24
51) Acenaphthene	9.54	154	216	0.05	ng	# 4
56) 2,4-Dinitrotoluene	9.54	165	9391	5.96	ng	# 7
57) Fluorene	10.33	166	3713	0.69	ng	# 92
59) Diethylphthalate	9.98	149	494	0.08	ng	# 62
62) Azobenzene	10.33	77	213	0.03	ng	# 52
65) n-Nitrosodiphenylamine	10.33	169	2631	0.73	ng	# 43
66) 4-Bromophenyl-phenylether	10.33	248	5060	4.62	ng	# 1
73) Di-n-butylphthalate	11.59	149	1484	0.20	ng	# 78
76) Benzidine	12.59	184	4309	1.46	ng	98
77) Pyrene	12.59	202	808	0.13	ng	# 53
83) Bis(2-ethylhexyl)phthalate	13.65	149	529	0.13	ng	# 55

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.51 min Scan# 431

Delta R.T. -0.03 min

Lab File: BF089418.D

Acq: 29 Jul 2016 19:35

Instrument :

BNA_F

ClientSampleId :

GW-43-8.7-15.0

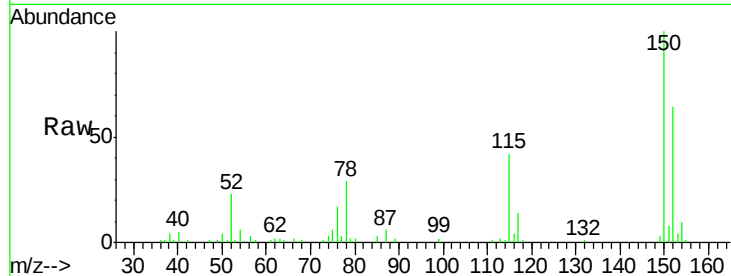
Tgt Ion:152 Resp: 41521

Ion Ratio Lower Upper

152 100

150 157.3 129.5 194.3

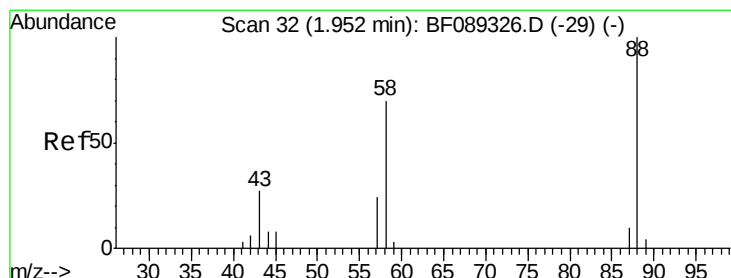
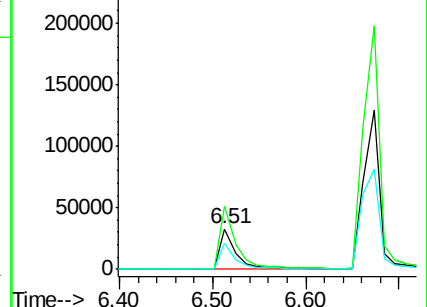
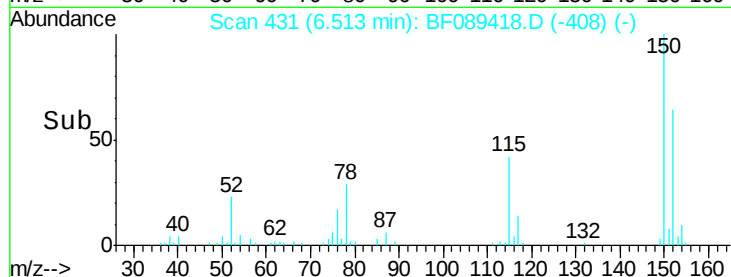
115 66.0 51.4 77.2



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: 66.11 ng

RT: 1.68 min Scan# 8

Delta R.T. -0.27 min

Lab File: BF089418.D

Acq: 29 Jul 2016 19:35

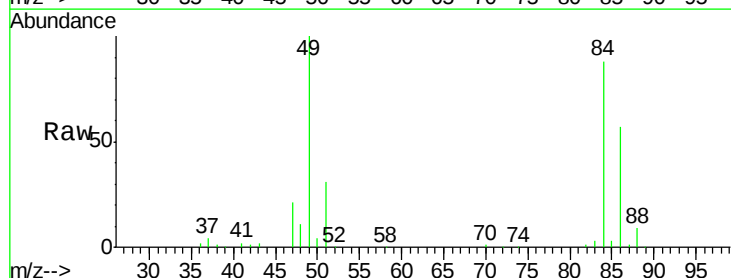
Tgt Ion: 88 Resp: 75184

Ion Ratio Lower Upper

88 100

58 0.0 53.2 79.8#

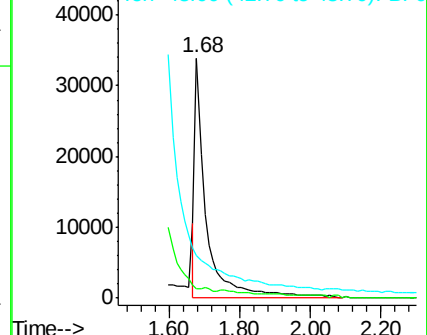
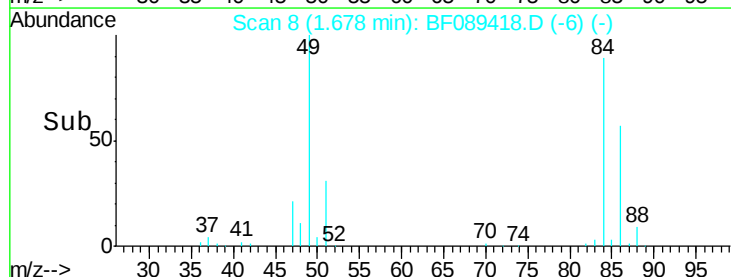
43 0.0 20.6 31.0#

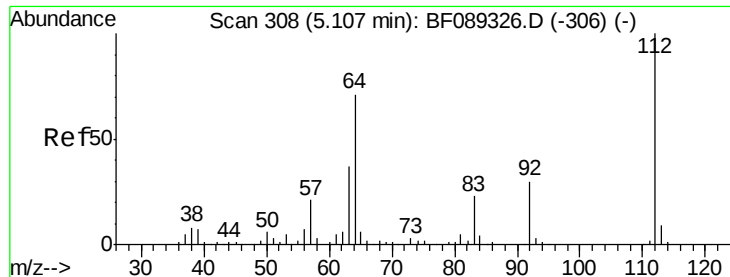


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 79.53 ng

RT: 5.08 min Scan# 306

Delta R.T. -0.02 min

Lab File: BF089418.D

Acq: 29 Jul 2016 19:35

Instrument :

BNA_F

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GW-43-8.7-15.0

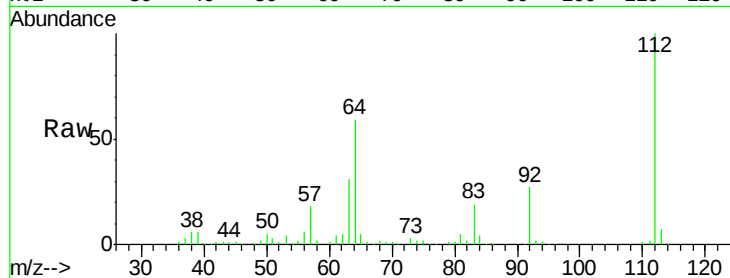
Tgt Ion: 112 Resp: 206820

Ion Ratio Lower Upper

112 100

64 59.1 55.0 82.6

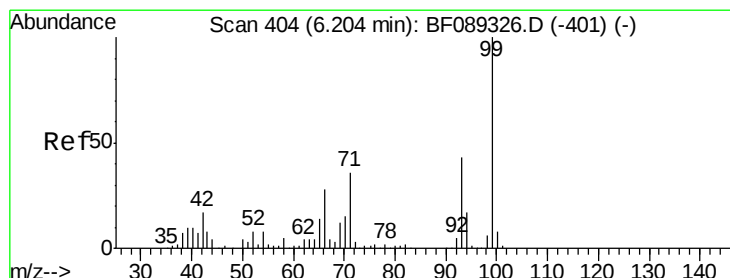
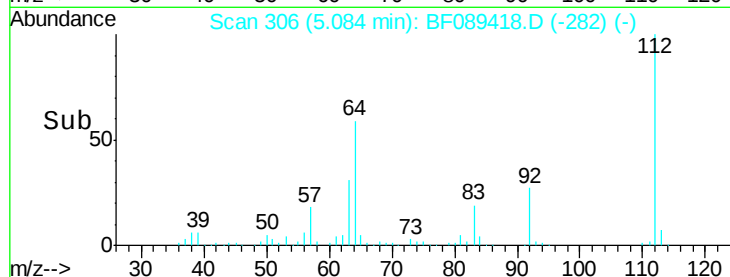
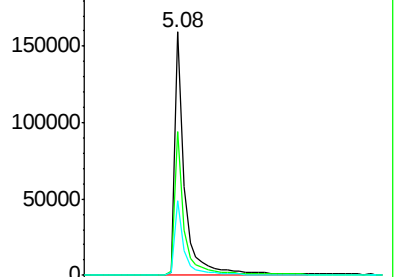
63 30.8 29.4 44.2



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: 0.08 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.08 min

Lab File: BF089418.D

Acq: 29 Jul 2016 19:35

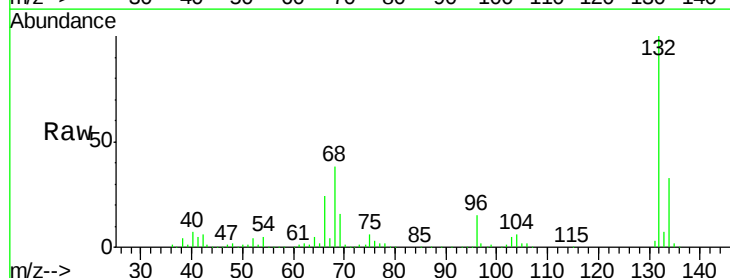
Tgt Ion: 93 Resp: 283

Ion Ratio Lower Upper

93 100

66 16637.3 51.6 77.4#

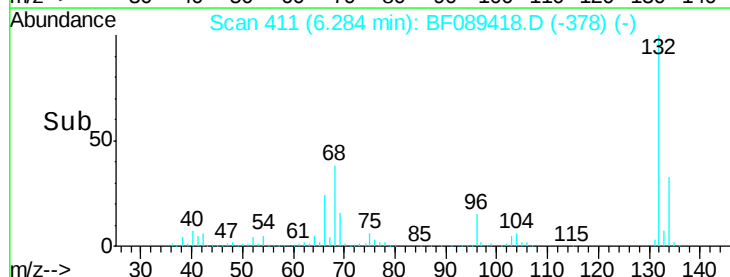
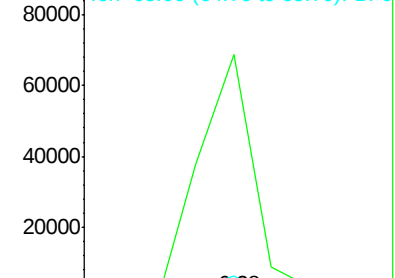
65 1481.8 24.7 37.1#

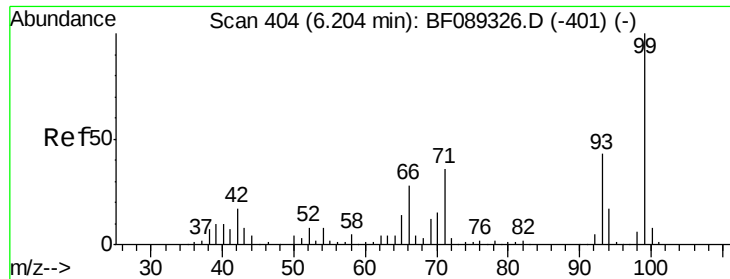


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 57.83 ng

RT: 6.17 min Scan# 401

Delta R.T. -0.03 min

Lab File: BF089418.D

Acq: 29 Jul 2016 19:35

Instrument :

BNA_F

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GW-43-8.7-15.0

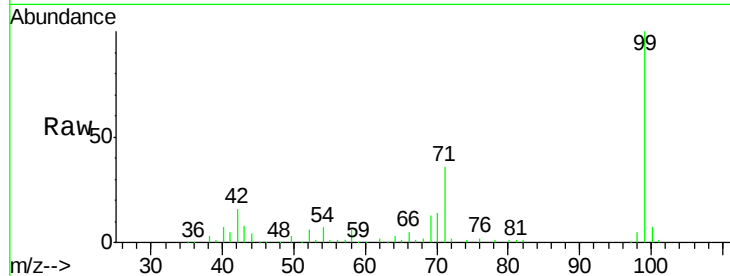
Tgt Ion: 99 Resp: 198722

Ion Ratio Lower Upper

99 100

42 16.2 13.6 20.4

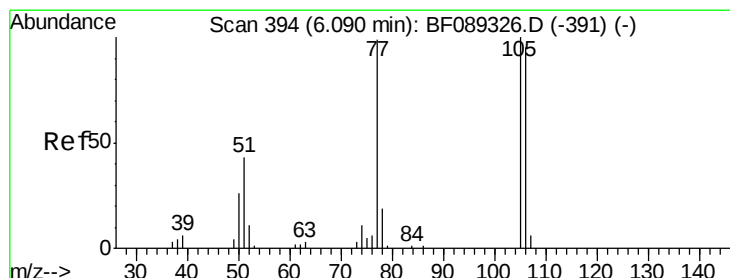
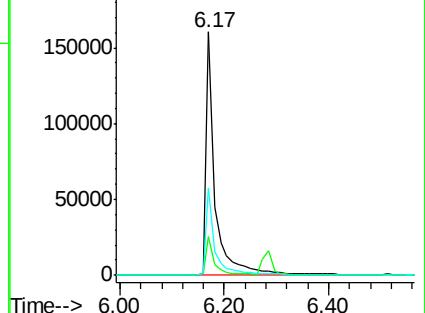
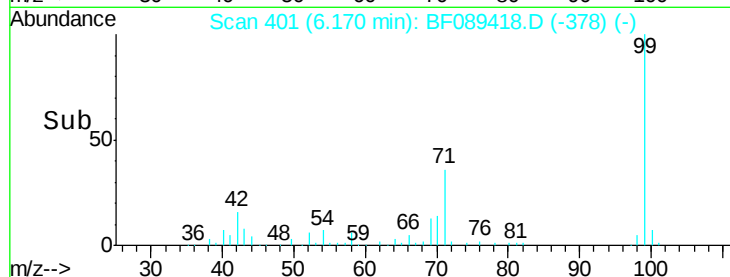
71 35.8 29.4 44.2



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: 4.37 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.19 min

Lab File: BF089418.D

Acq: 29 Jul 2016 19:35

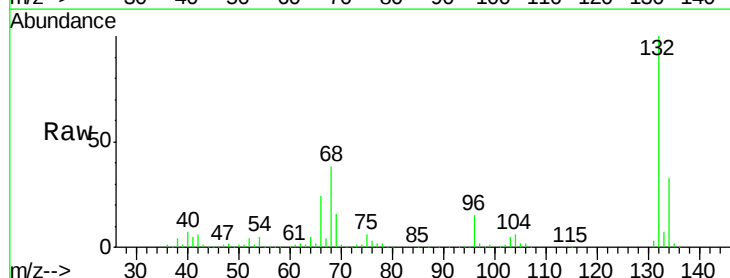
Tgt Ion: 77 Resp: 7338

Ion Ratio Lower Upper

77 100

105 83.7 82.9 122.9

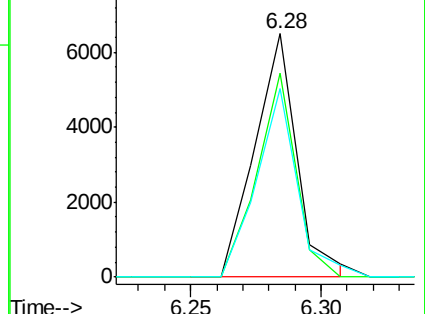
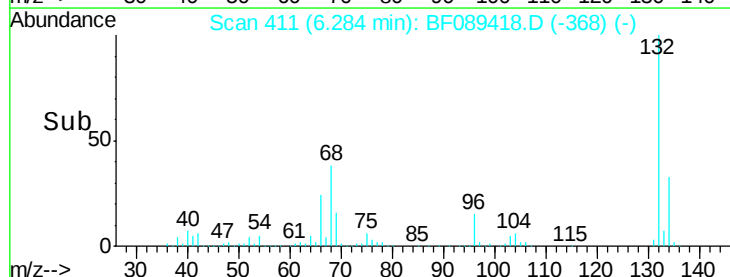
106 77.5 75.9 115.9

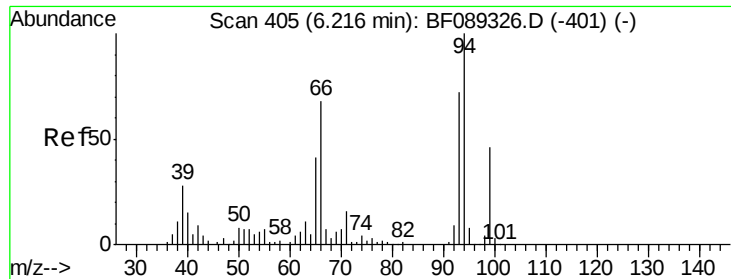


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.12 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.07 min

Lab File: BF089418.D

Acq: 29 Jul 2016 19:35

Instrument :

BNA_F

ClientSampleId :

GW-43-8.7-15.0

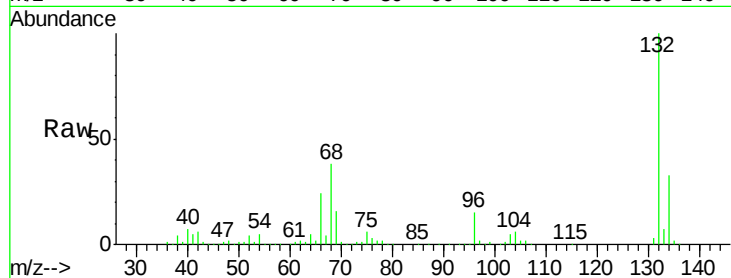
Tgt Ion: 94 Resp: 457

Ion Ratio Lower Upper

94 100

65 918.9 19.1 59.1#

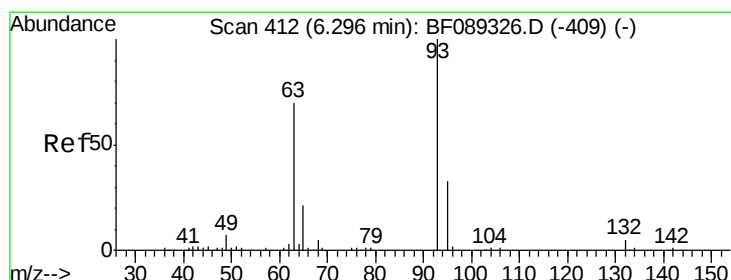
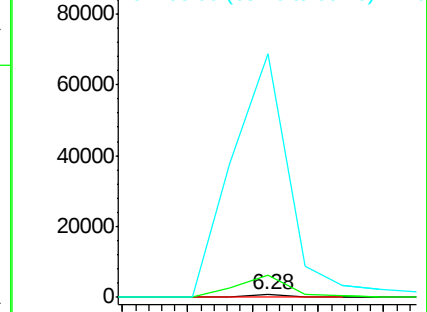
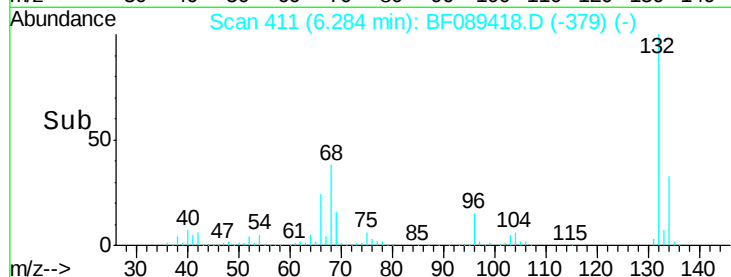
66 10317.1 44.4 84.4#



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: 0.09 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.01 min

Lab File: BF089418.D

Acq: 29 Jul 2016 19:35

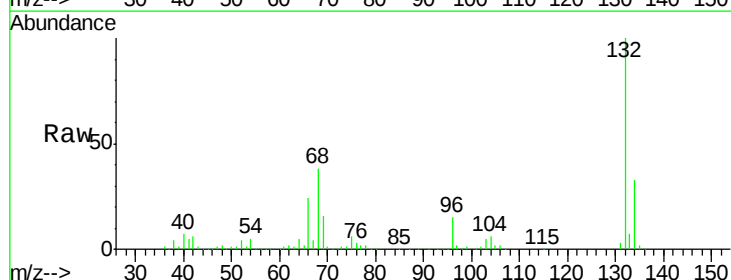
Tgt Ion: 93 Resp: 283

Ion Ratio Lower Upper

93 100

63 642.9 45.6 85.6#

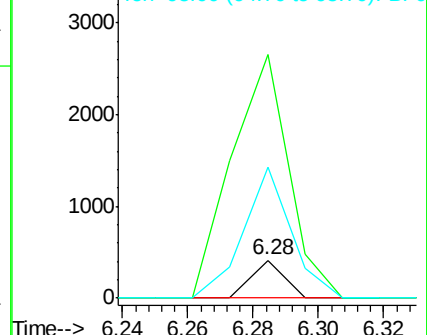
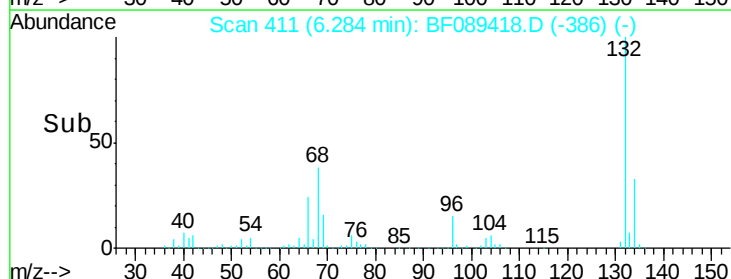
95 344.6 11.1 51.1#

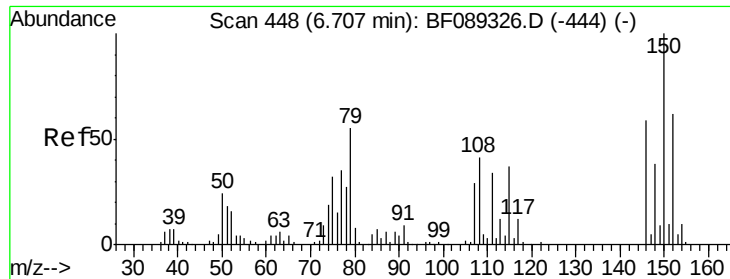


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0





#15

Benzyl Alcohol

Concen: 1.98 ng

RT: 6.66 min Scan# 444

Delta R.T. -0.05 min

Lab File: BF089418.D

Acq: 29 Jul 2016 19:35

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BNA_F

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GW-43-8.7-15.0

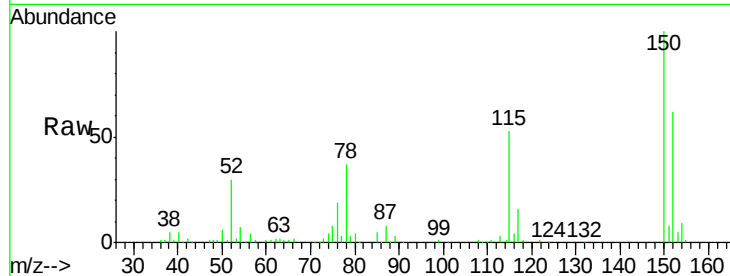
Tgt Ion: 79 Resp: 4218

Ion Ratio Lower Upper

79 100

108 23.7 59.8 89.6#

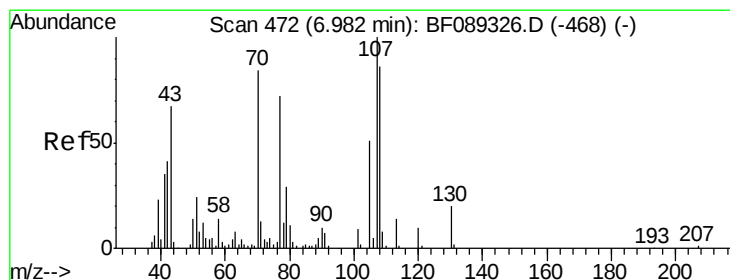
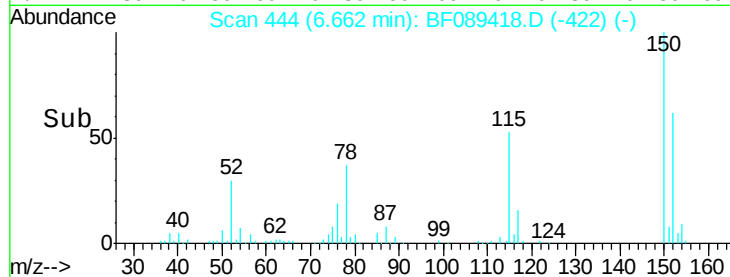
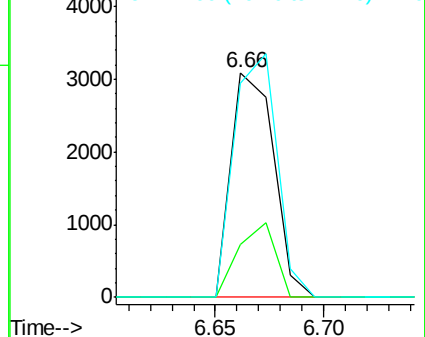
77 95.0 51.7 77.5#



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



#19

n-Nitroso-di-n-propylamine

Concen: 16.62 ng

RT: 7.08 min Scan# 481

Delta R.T. 0.10 min

Lab File: BF089418.D

Acq: 29 Jul 2016 19:35

Tgt Ion: 70 Resp: 34440

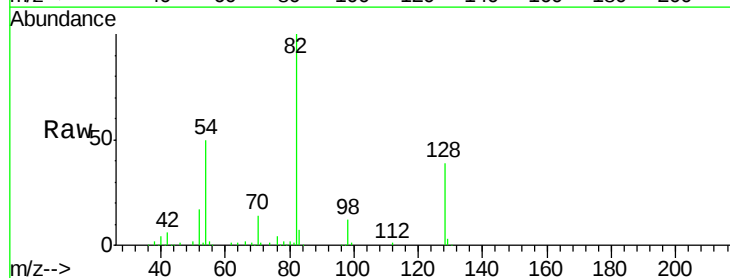
Ion Ratio Lower Upper

70 100

42 46.1 38.6 57.8

101 0.0 8.3 12.5#

130 1.9 19.0 28.4#

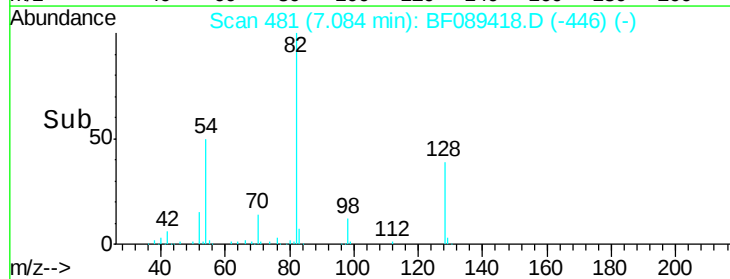
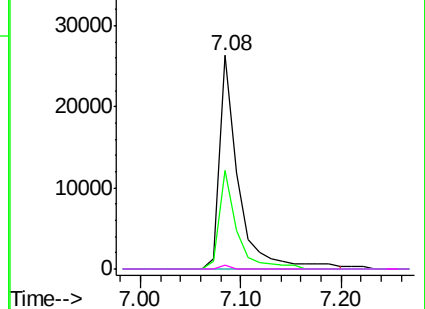


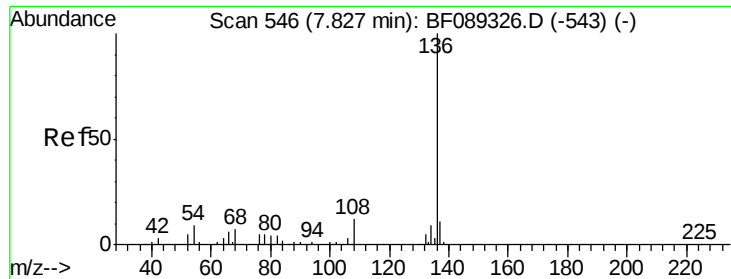
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.80 min Scan# 544

Delta R.T. -0.02 min

Lab File: BF089418.D

Acq: 29 Jul 2016 19:35

Instrument :

BNA_F

ClientSampleId :

GW-43-8.7-15.0

Tgt Ion: 136 Resp: 162341

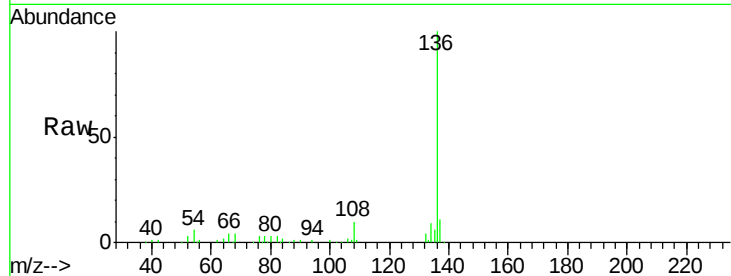
Ion Ratio Lower Upper

136 100

137 10.6 8.6 13.0

54 5.6 7.0 10.4#

68 4.3 4.9 7.3#

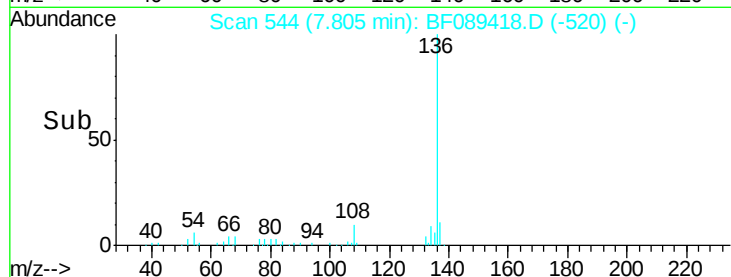


Abundance Ion 136.00 (135.70 to 136.70): E

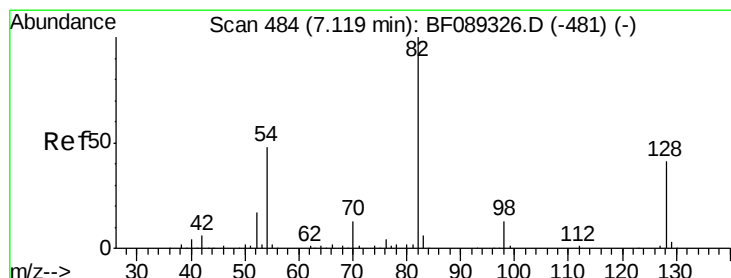
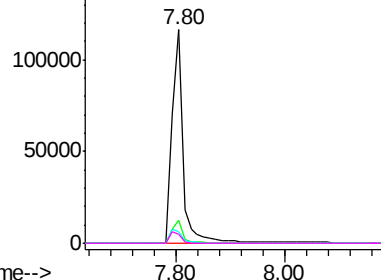
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 95.14 ng

RT: 7.08 min Scan# 481

Delta R.T. -0.03 min

Lab File: BF089418.D

Acq: 29 Jul 2016 19:35

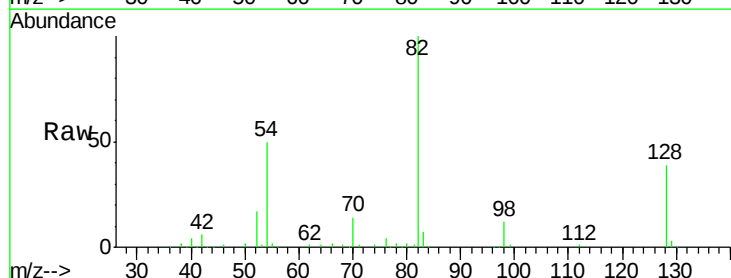
Tgt Ion: 82 Resp: 261674

Ion Ratio Lower Upper

82 100

128 38.7 32.5 48.7

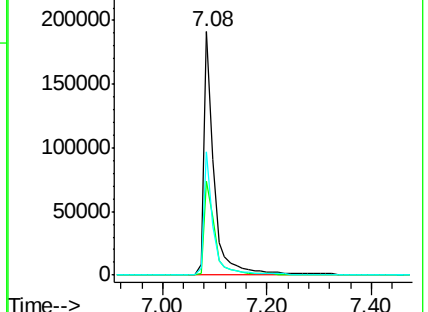
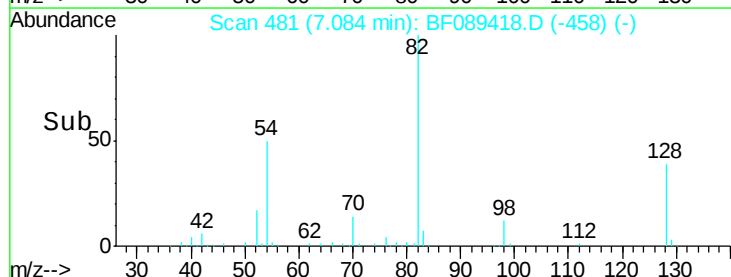
54 50.5 38.8 58.2

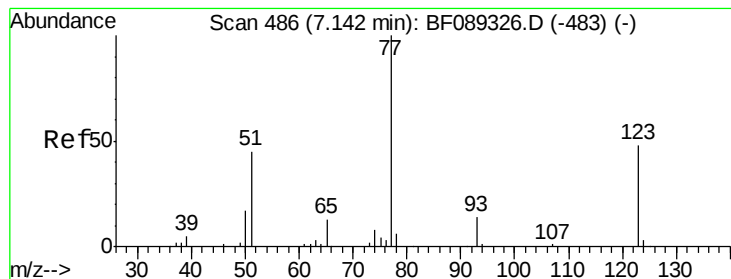


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 0.14 ng

RT: 7.08 min Scan# 481

Delta R.T. -0.06 min

Lab File: BF089418.D

Acq: 29 Jul 2016 19:35

Instrument :

BNA_F

ClientSampleId :

GW-43-8.7-15.0

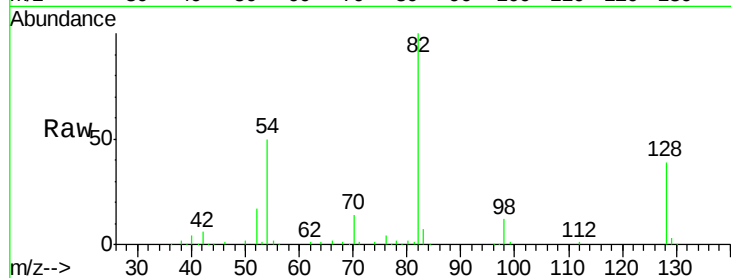
Tgt Ion: 77 Resp: 433

Ion Ratio Lower Upper

77 100

123 0.0 37.2 55.8#

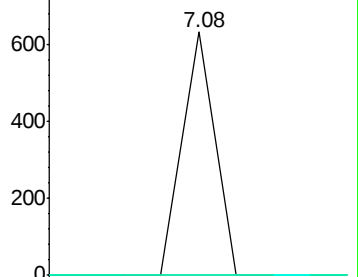
65 0.0 10.2 15.4#



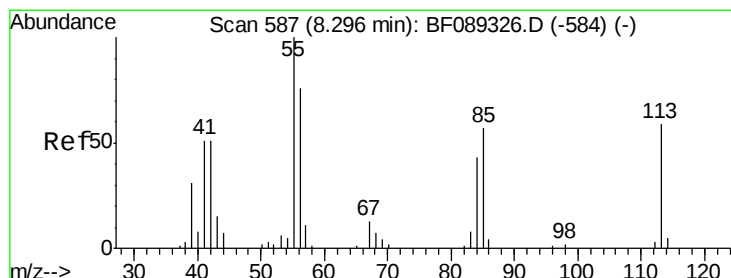
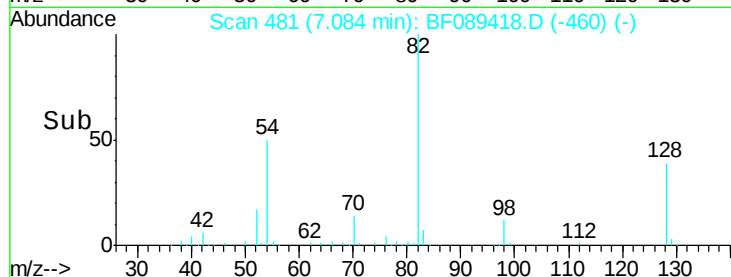
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



Time-->



#35

Caprolactam

Concen: 2.11 ng

RT: 8.22 min Scan# 580

Delta R.T. -0.08 min

Lab File: BF089418.D

Acq: 29 Jul 2016 19:35

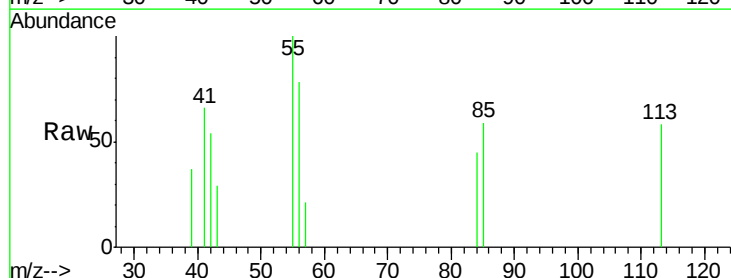
Tgt Ion: 113 Resp: 1293

Ion Ratio Lower Upper

113 100

55 173.0 142.3 182.3

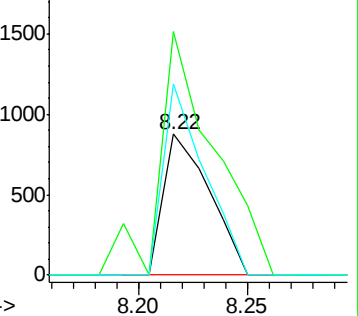
56 135.5 105.8 145.8



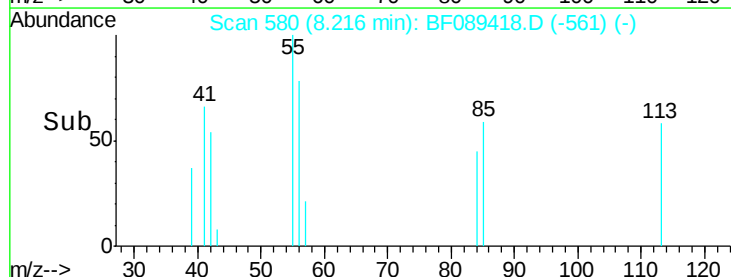
Abundance Ion 113.00 (112.70 to 113.70): BF0

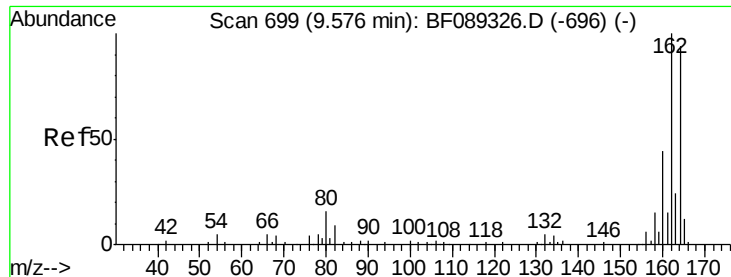
Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



Time-->

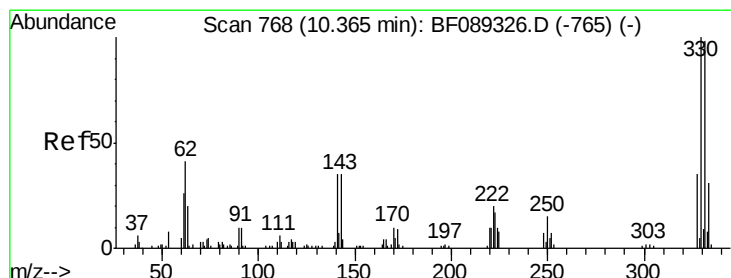
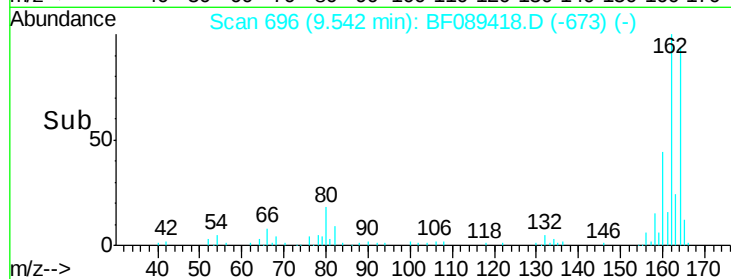
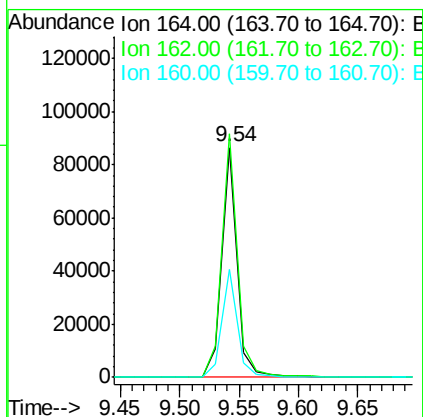
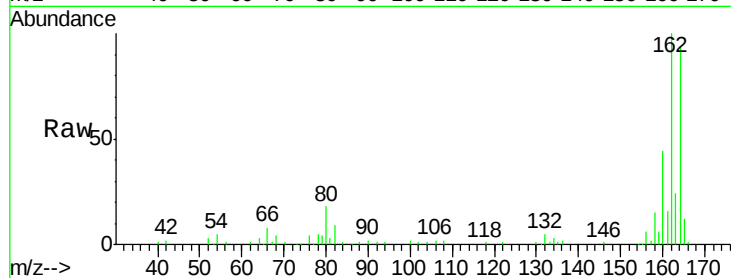




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.54 min Scan# 696
 Delta R.T. -0.03 min
 Lab File: BF089418.D
 Acq: 29 Jul 2016 19:35

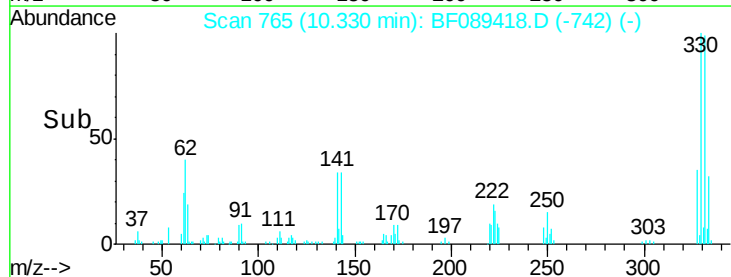
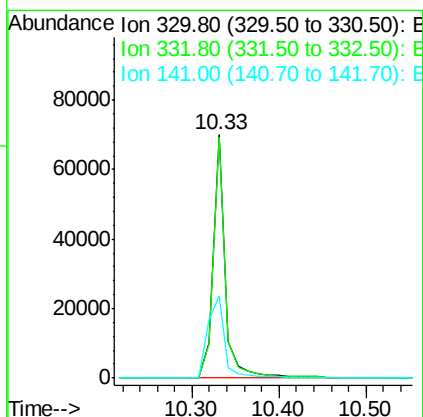
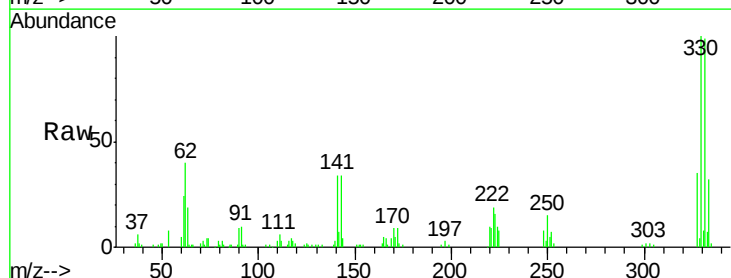
Instrument :
 BNA_F
 ClientSampleId :
 GW-43-8.7-15.0

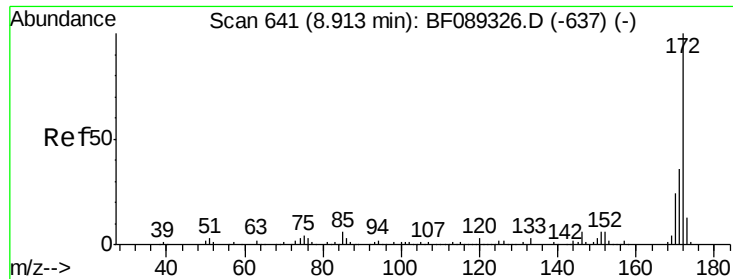
Tgt Ion:164 Resp: 76589
 Ion Ratio Lower Upper
 164 100
 162 106.0 83.7 125.5
 160 46.8 37.8 56.6



#41
 2,4,6-Tribromophenol
 Concen: 108.17 ng
 RT: 10.33 min Scan# 765
 Delta R.T. -0.03 min
 Lab File: BF089418.D
 Acq: 29 Jul 2016 19:35

Tgt Ion:330 Resp: 68617
 Ion Ratio Lower Upper
 330 100
 332 98.7 76.8 115.2
 141 46.5 37.3 55.9

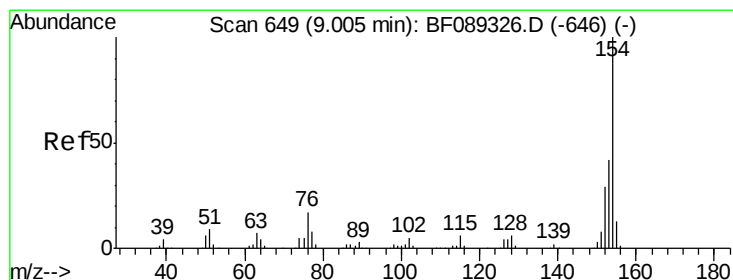
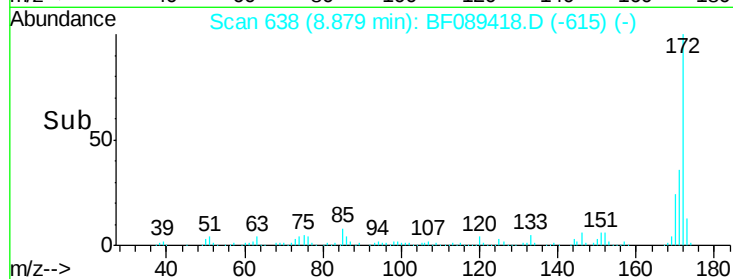
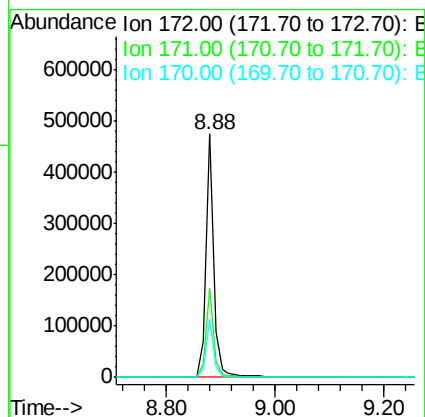
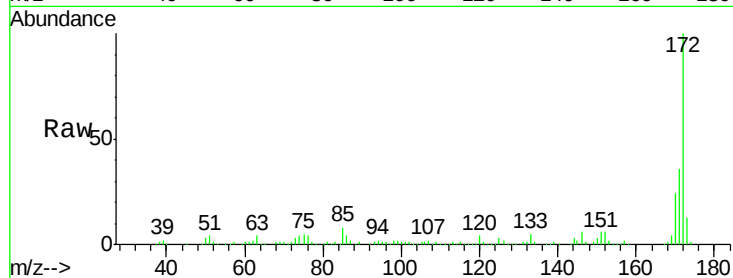




#44
 2-Fluorobiphenyl
 Concen: 91.24 ng
 RT: 8.88 min Scan# 638
 Delta R.T. -0.03 min
 Lab File: BF089418.D
 Acq: 29 Jul 2016 19:35

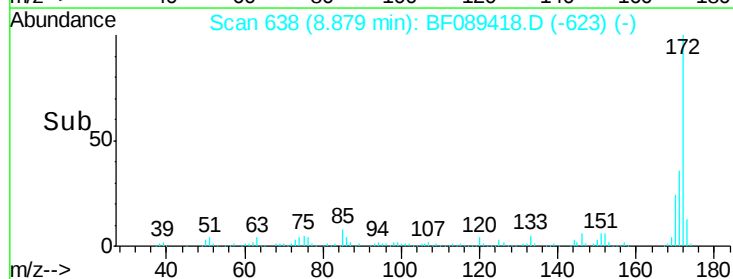
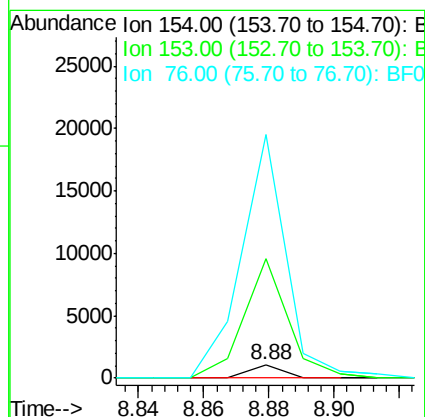
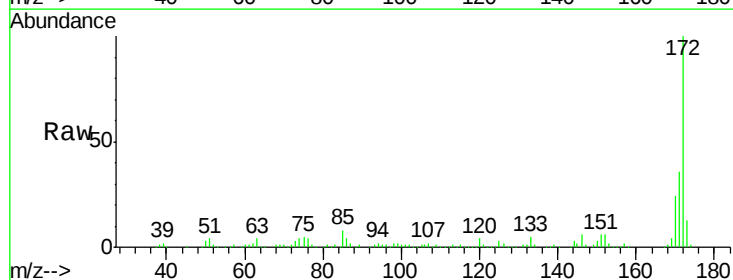
Instrument :
 BNA_F
 ClientSampleId :
 GW-43-8.7-15.0

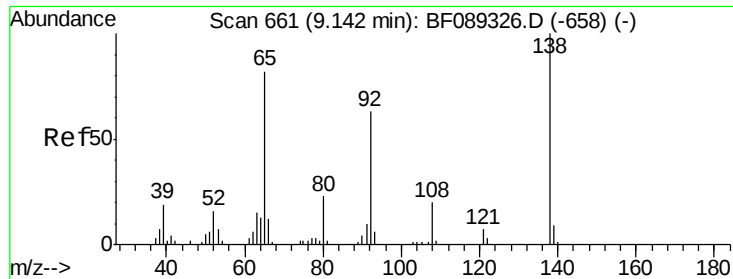
Tgt Ion:172 Resp: 476166
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.2 43.8
 170 24.0 19.2 28.8



#45
 1,1'-Biphenyl
 Concen: 0.11 ng
 RT: 8.88 min Scan# 638
 Delta R.T. -0.13 min
 Lab File: BF089418.D
 Acq: 29 Jul 2016 19:35

Tgt Ion:154 Resp: 727
 Ion Ratio Lower Upper
 154 100
 153 900.5 21.0 61.0#
 76 1840.0 0.0 36.6#

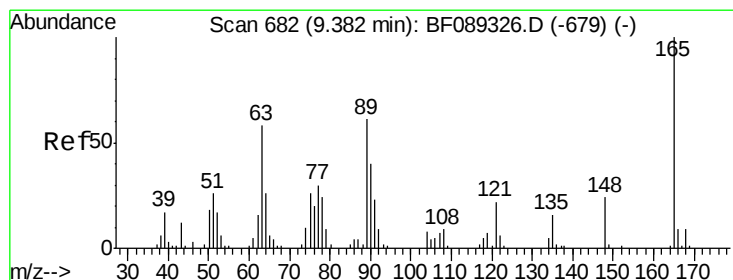
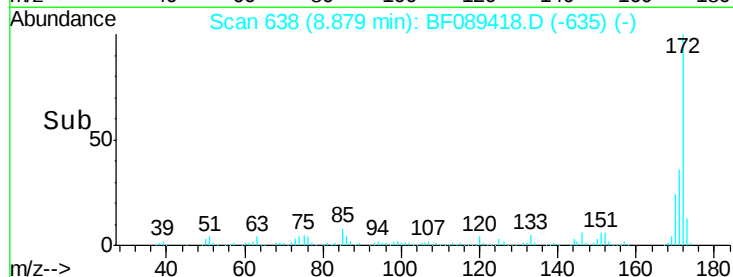
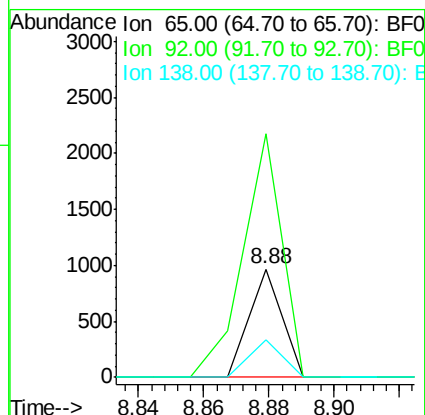
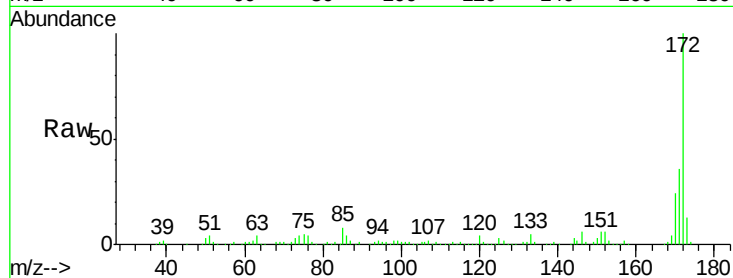




#47
 2-Nitroaniline
 Concen: 0.46 ng
 RT: 8.88 min Scan# 638
 Delta R.T. -0.26 min
 Lab File: BF089418.D
 Acq: 29 Jul 2016 19:35

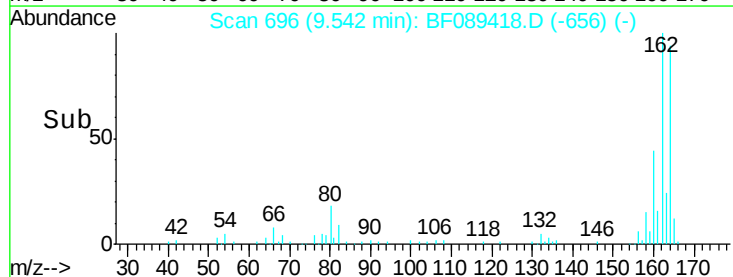
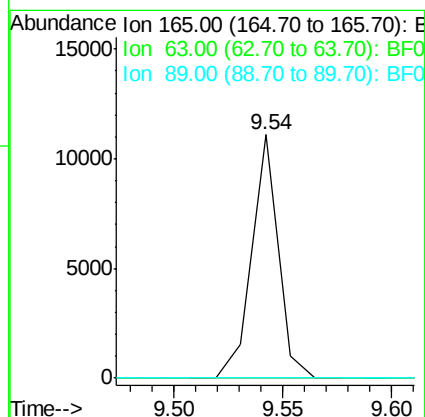
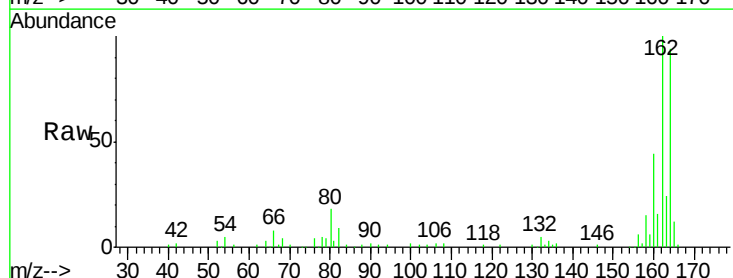
Instrument :
 BNA_F
 ClientSampleId :
 GW-43-8.7-15.0

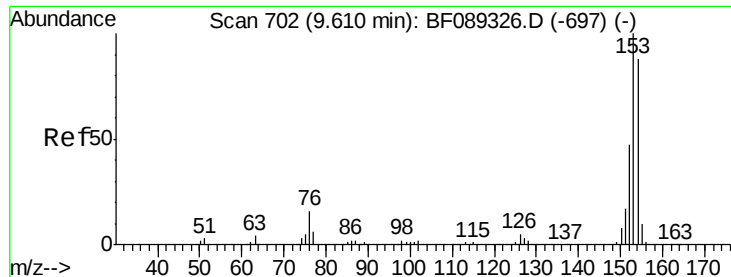
Tgt Ion: 65 Resp: 662
 Ion Ratio Lower Upper
 65 100
 92 225.1 61.0 91.4#
 138 34.8 99.1 148.7#



#50
 2,6-Dinitrotoluene
 Concen: 7.84 ng
 RT: 9.54 min Scan# 696
 Delta R.T. 0.16 min
 Lab File: BF089418.D
 Acq: 29 Jul 2016 19:35

Tgt Ion: 165 Resp: 9391
 Ion Ratio Lower Upper
 165 100
 63 0.0 43.5 65.3#
 89 0.0 45.0 67.4#





#51

Acenaphthene

Concen: 0.05 ng

RT: 9.54 min Scan# 696

Delta R.T. -0.07 min

Lab File: BF089418.D

Acq: 29 Jul 2016 19:35

Instrument :

BNA_F

ClientSampleId :

GW-43-8.7-15.0

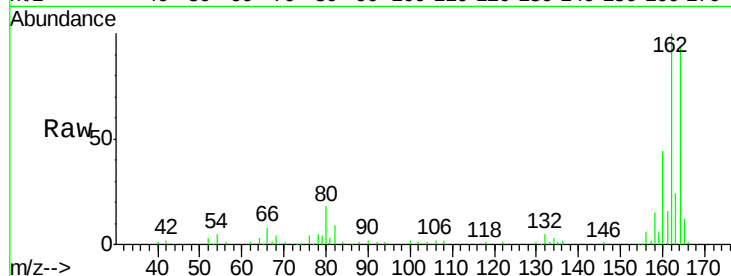
Tgt Ion:154 Resp: 216

Ion Ratio Lower Upper

154 100

153 0.0 91.4 137.2#

152 0.0 43.8 65.6#



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

9.54

300

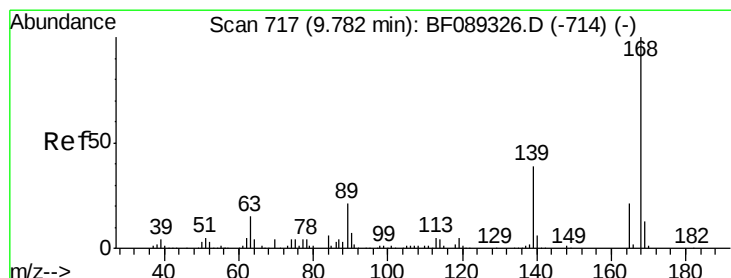
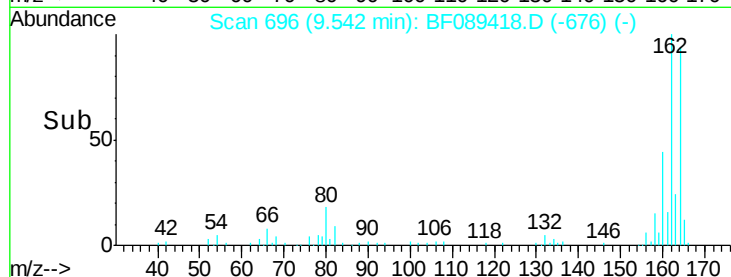
200

100

0

9.50 9.52 9.54 9.56 9.58

Time-->



#56

2,4-Dinitrotoluene

Concen: 5.96 ng

RT: 9.54 min Scan# 696

Delta R.T. -0.24 min

Lab File: BF089418.D

Acq: 29 Jul 2016 19:35

Tgt Ion:165 Resp: 9391

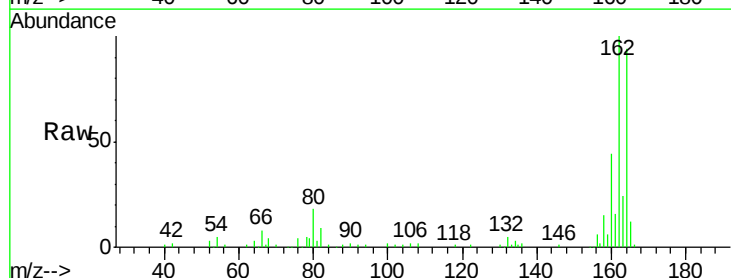
Ion Ratio Lower Upper

165 100

63 0.0 58.2 87.2#

89 0.0 79.1 118.7#

182 0.0 1.8 2.8#



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

9.54

15000

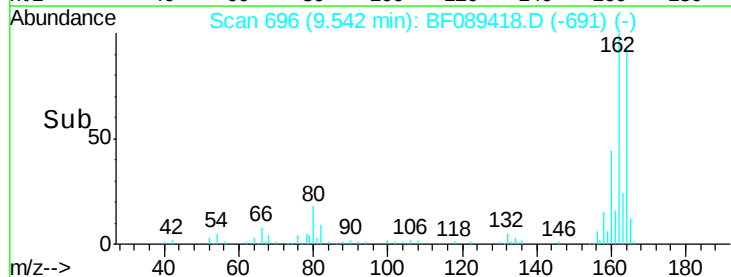
10000

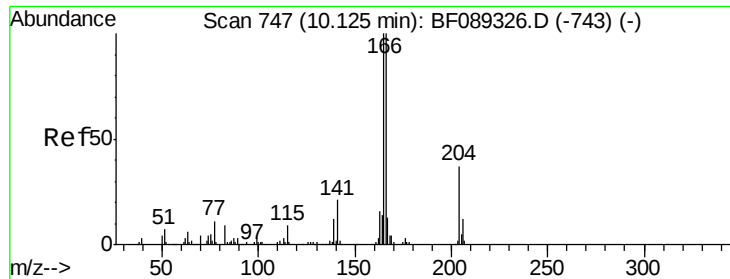
5000

0

9.50 9.55 9.60

Time-->

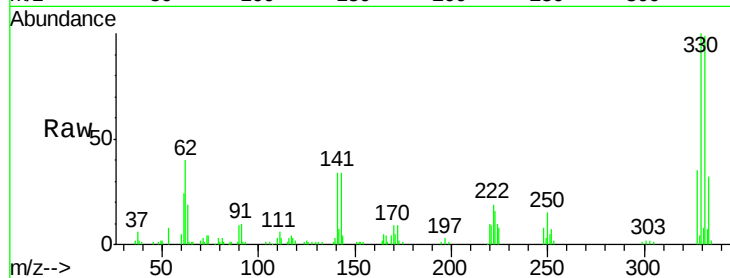




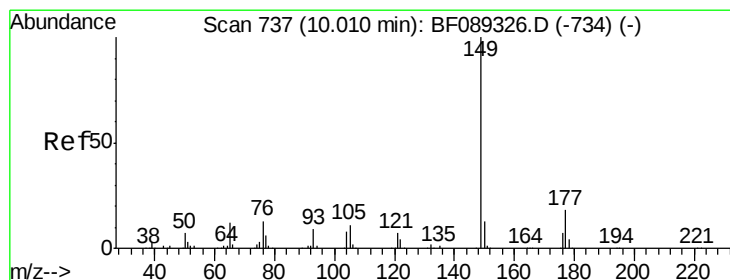
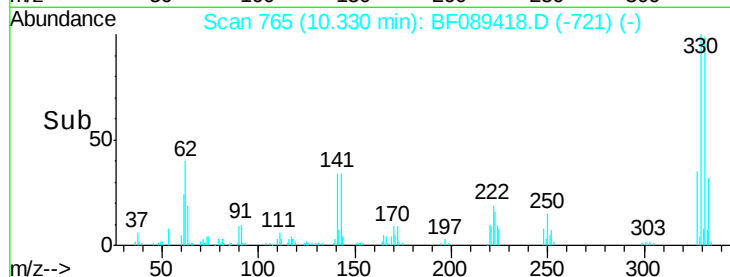
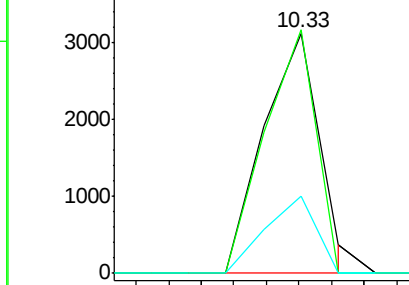
#57
Fluorene
 Concen: 0.69 ng
 RT: 10.33 min Scan# 765
 Delta R.T. 0.21 min
 Lab File: BF089418.D
 Acq: 29 Jul 2016 19:35

Instrument :
 BNA_F
 ClientSampleId :
 GW-43-8.7-15.0

Tgt Ion:166 Resp: 3713
 Ion Ratio Lower Upper
 166 100
 165 101.4 79.0 118.4
 167 32.2 10.2 15.2#

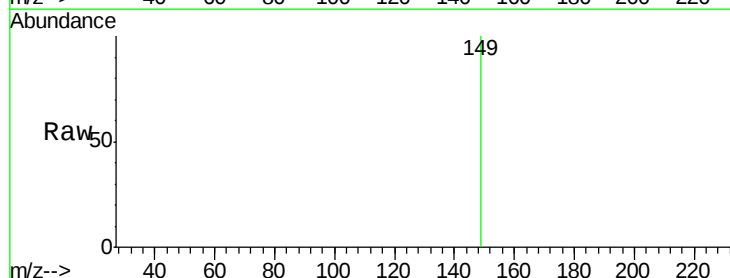


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

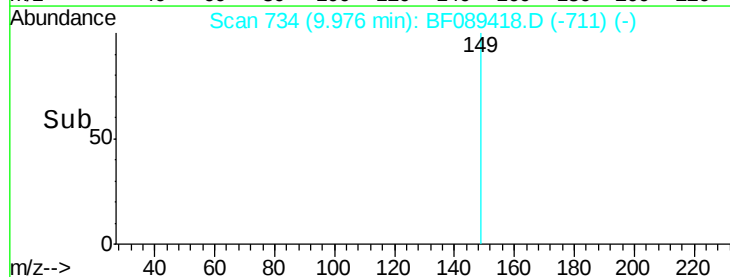
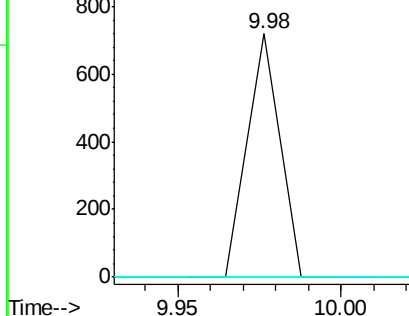


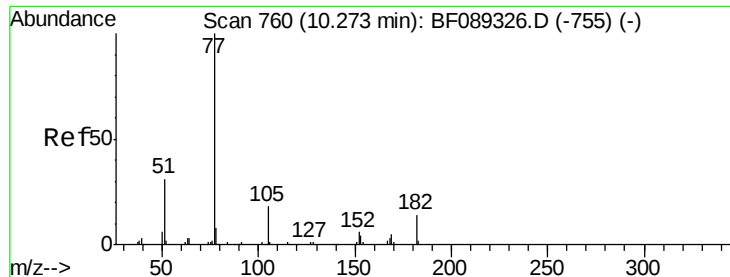
#59
Diethylphthalate
 Concen: 0.08 ng
 RT: 9.98 min Scan# 734
 Delta R.T. -0.03 min
 Lab File: BF089418.D
 Acq: 29 Jul 2016 19:35

Tgt Ion:149 Resp: 494
 Ion Ratio Lower Upper
 149 100
 177 0.0 15.1 22.7#
 150 0.0 10.2 15.4#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





#62

Azobenzene

Concen: 0.03 ng

RT: 10.33 min Scan# 765

Delta R.T. 0.06 min

Lab File: BF089418.D

Acq: 29 Jul 2016 19:35

Instrument :

BNA_F

ClientSampleId :

GW-43-8.7-15.0

Tgt Ion: 77 Resp: 213

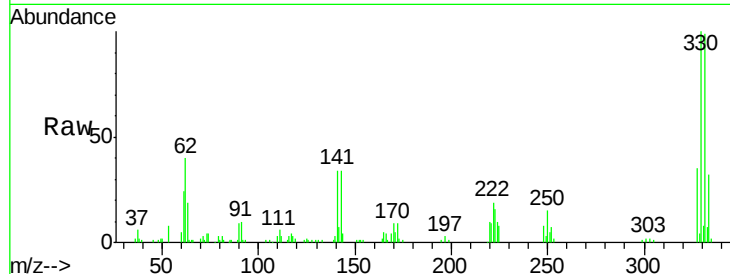
Ion Ratio Lower Upper

77 100

182 0.0 0.0 33.8

105 0.0 0.0 39.8

51 0.0 11.0 51.0#

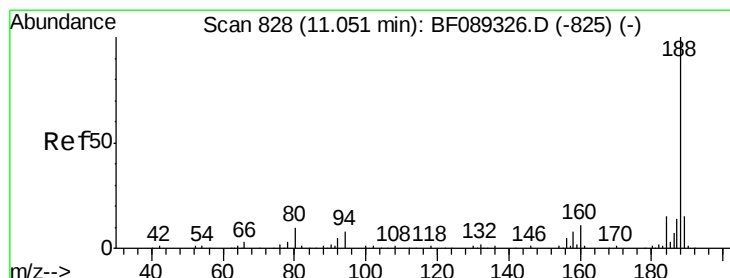
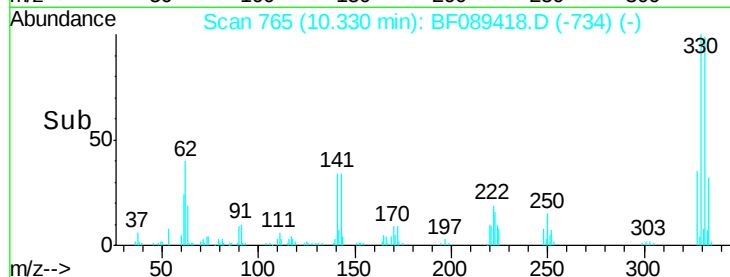
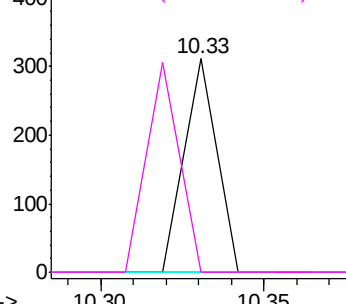


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.02 min Scan# 825

Delta R.T. -0.03 min

Lab File: BF089418.D

Acq: 29 Jul 2016 19:35

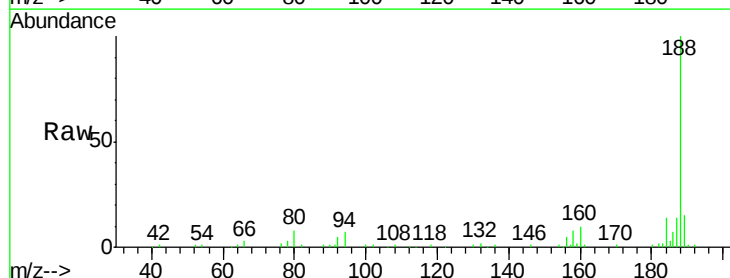
Tgt Ion: 188 Resp: 114798

Ion Ratio Lower Upper

188 100

94 7.3 6.5 9.7

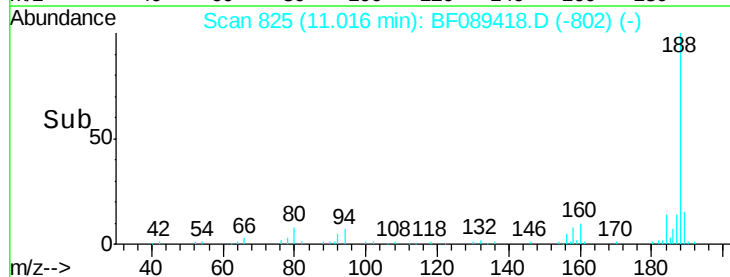
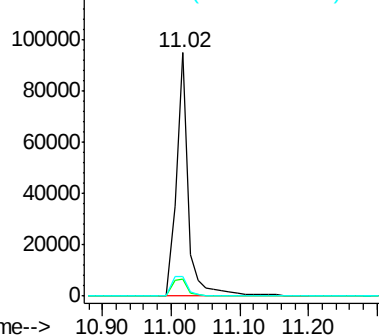
80 8.2 7.2 10.8

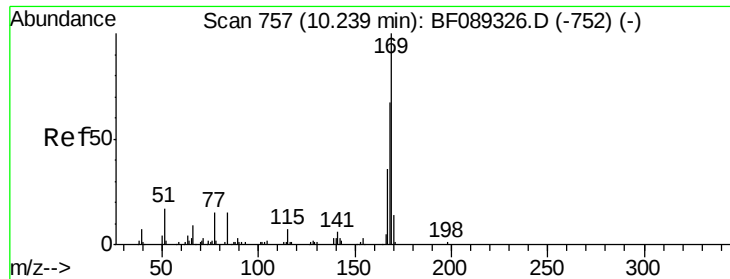


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

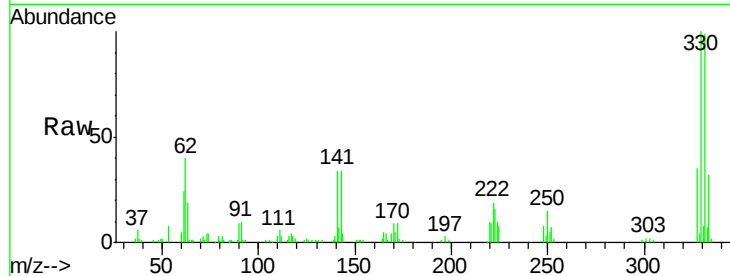




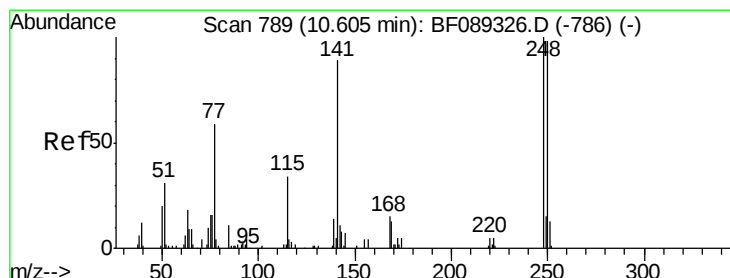
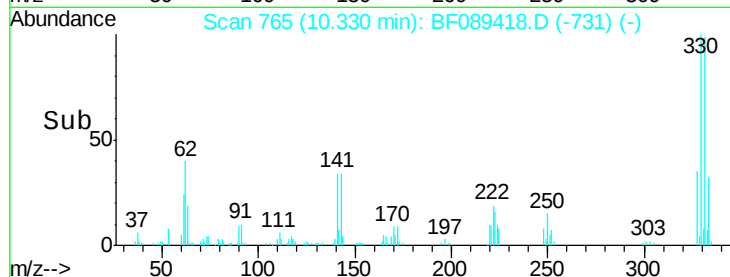
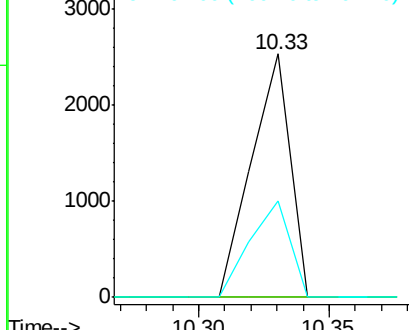
#65
n-Nitrosodiphenylamine
Concen: 0.73 ng
RT: 10.33 min Scan# 765
Delta R.T. 0.09 min
Lab File: BF089418.D
Acq: 29 Jul 2016 19:35

Instrument :
BNA_F
ClientSampleId :
GW-43-8.7-15.0

Tgt Ion:169 Resp: 2631
Ion Ratio Lower Upper
169 100
168 0.0 55.4 83.0#
167 39.8 29.7 44.5

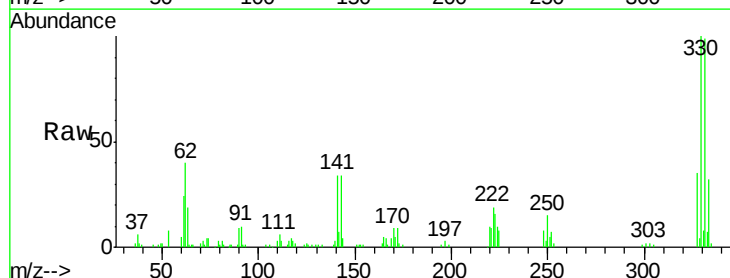


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

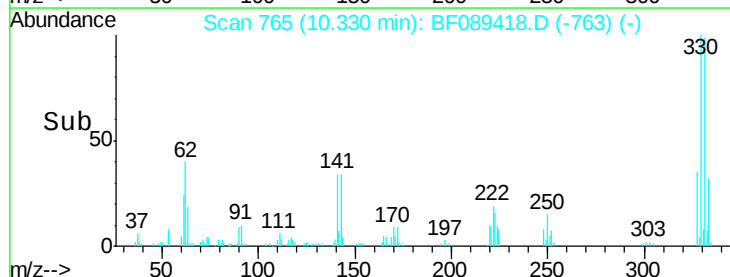
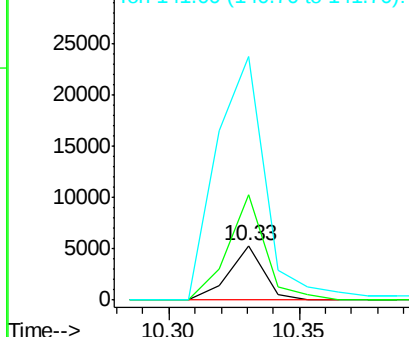


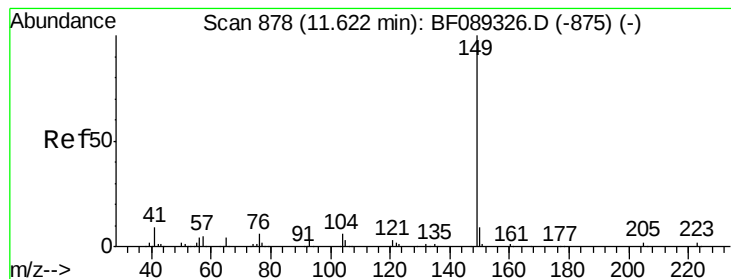
#66
4-Bromophenyl-phenylether
Concen: 4.62 ng
RT: 10.33 min Scan# 765
Delta R.T. -0.27 min
Lab File: BF089418.D
Acq: 29 Jul 2016 19:35

Tgt Ion:248 Resp: 5060
Ion Ratio Lower Upper
248 100
250 193.7 78.2 117.2#
141 446.0 62.0 93.0#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#73

Di-n-butylphthalate

Concen: 0.20 ng

RT: 11.59 min Scan# 875

Delta R.T. -0.03 min

Lab File: BF089418.D

Acq: 29 Jul 2016 19:35

Instrument :

BNA_F

ClientSampleId :

GW-43-8.7-15.0

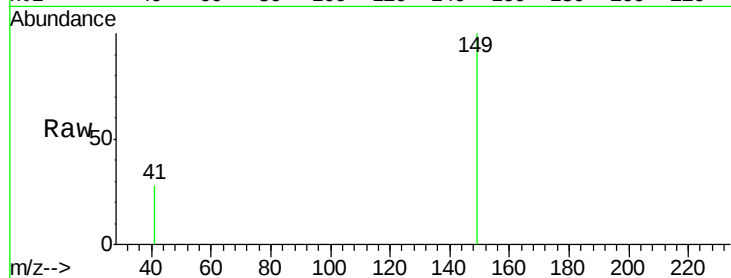
Tgt Ion:149 Resp: 1484

Ion Ratio Lower Upper

149 100

150 0.0 7.4 11.0#

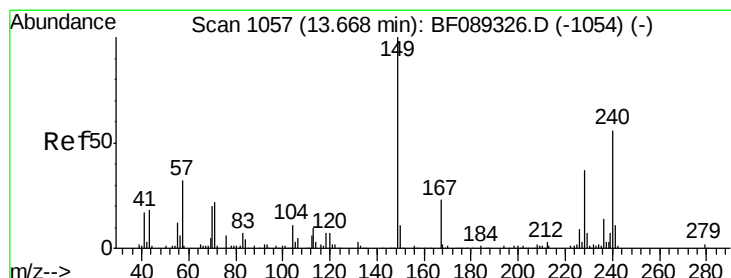
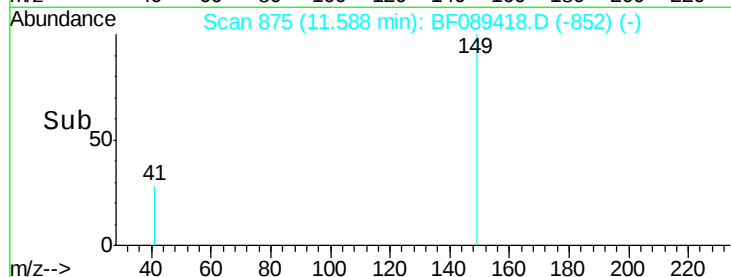
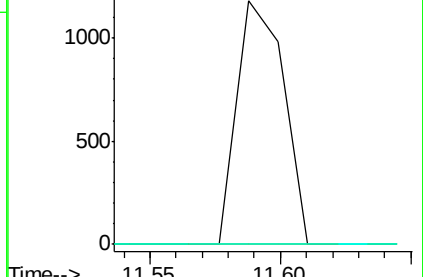
104 0.0 4.7 7.1#



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.63 min Scan# 1054

Delta R.T. -0.03 min

Lab File: BF089418.D

Acq: 29 Jul 2016 19:35

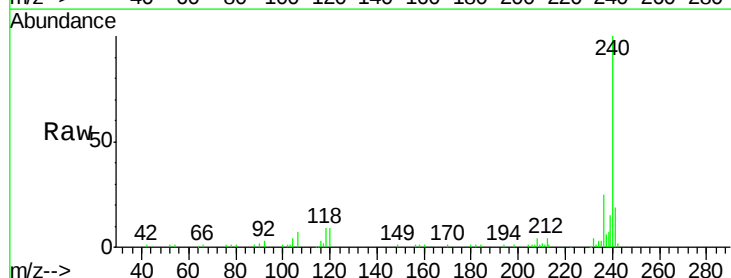
Tgt Ion:240 Resp: 79895

Ion Ratio Lower Upper

240 100

120 9.3 9.1 13.7

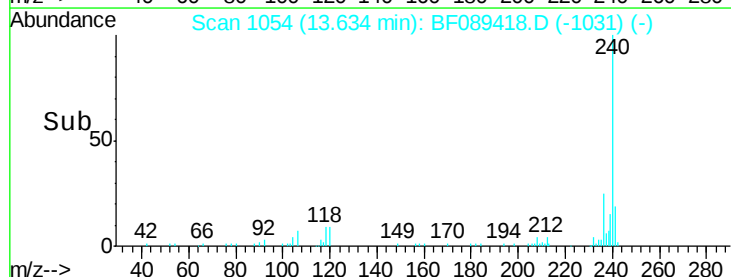
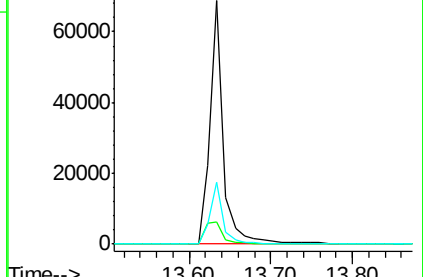
236 25.2 20.6 30.8

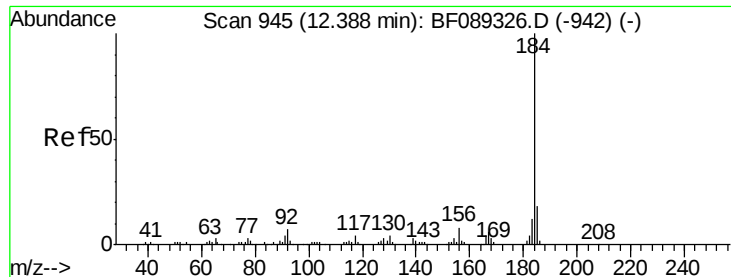


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 1.46 ng

RT: 12.59 min Scan# 963

Delta R.T. 0.21 min

Lab File: BF089418.D

Acq: 29 Jul 2016 19:35

Instrument :

BNA_F

ClientSampleId :

GW-43-8.7-15.0

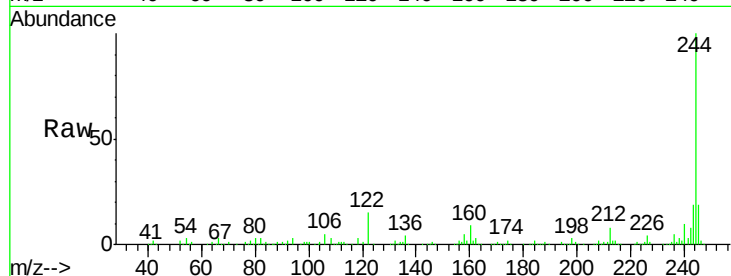
Tgt Ion:184 Resp: 4309

Ion Ratio Lower Upper

184 100

185 17.7 13.5 20.3

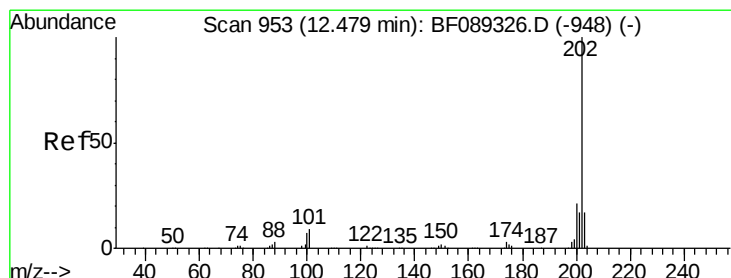
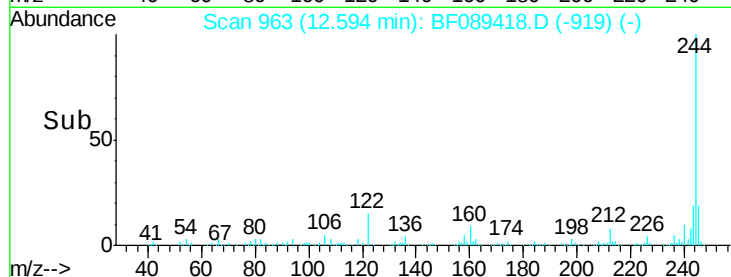
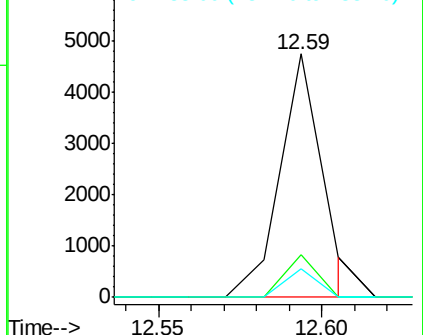
183 11.5 9.8 14.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 0.13 ng

RT: 12.59 min Scan# 963

Delta R.T. 0.13 min

Lab File: BF089418.D

Acq: 29 Jul 2016 19:35

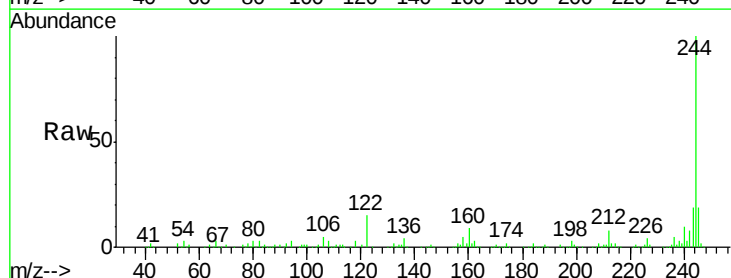
Tgt Ion:202 Resp: 808

Ion Ratio Lower Upper

202 100

200 45.6 16.9 25.3#

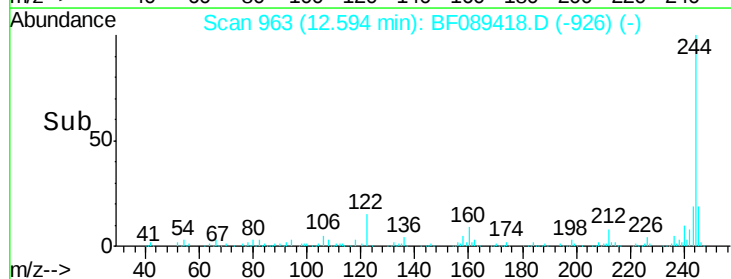
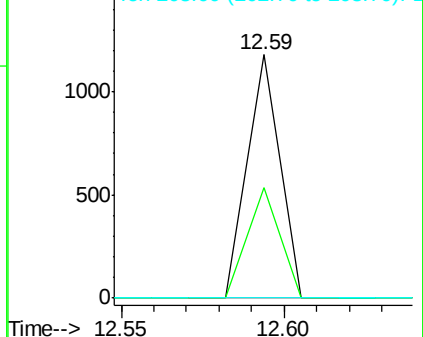
203 0.0 14.0 21.0#

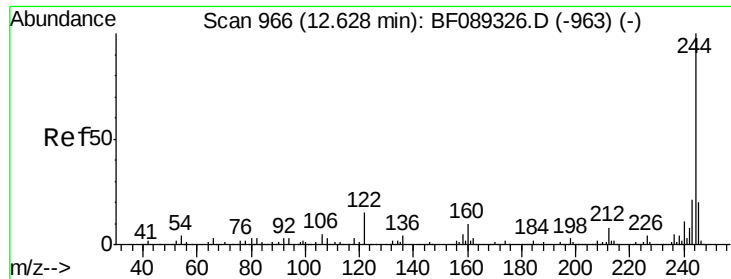


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

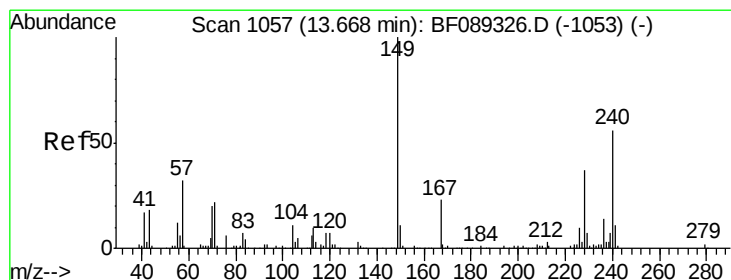
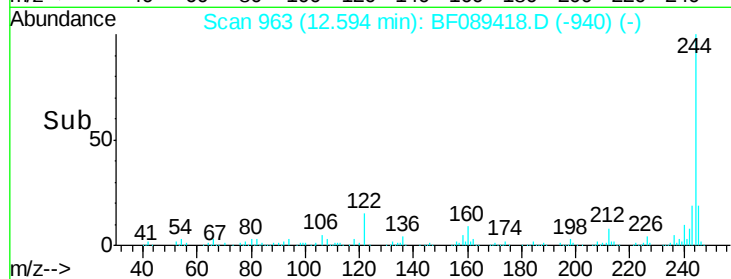
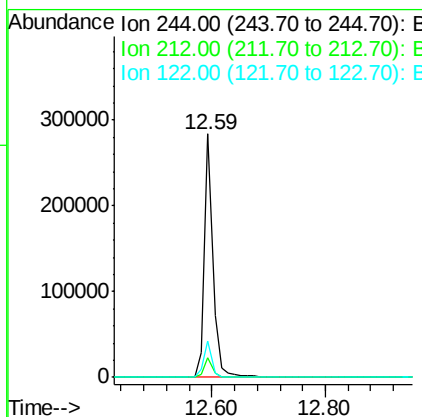
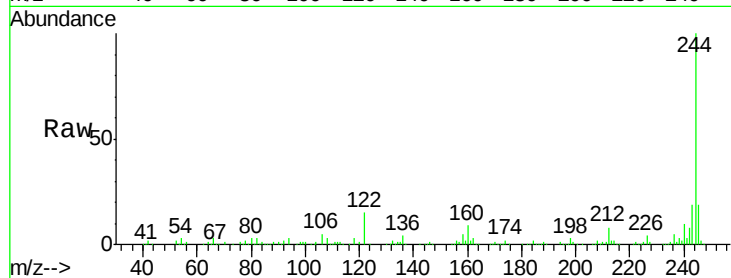




#78
 Terphenyl-d14
 Concen: 83.89 ng
 RT: 12.59 min Scan# 963
 Delta R.T. -0.03 min
 Lab File: BF089418.D
 Acq: 29 Jul 2016 19:35

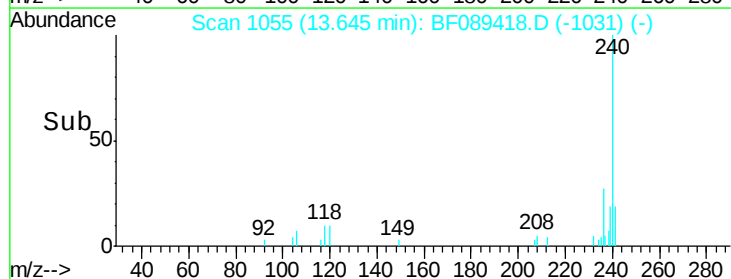
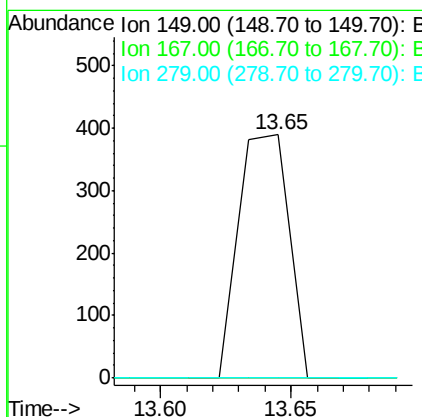
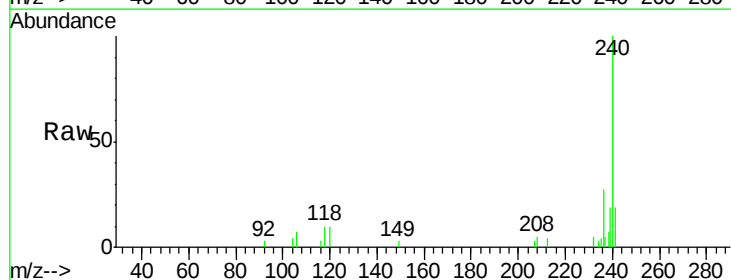
Instrument :
 BNA_F
 ClientSampleId :
 GW-43-8.7-15.0

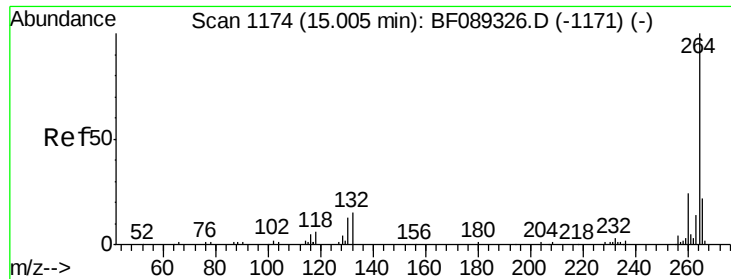
Tgt Ion: 244 Resp: 286367
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.5 9.7
 122 14.8 11.4 17.0



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.13 ng
 RT: 13.65 min Scan# 1055
 Delta R.T. -0.02 min
 Lab File: BF089418.D
 Acq: 29 Jul 2016 19:35

Tgt Ion: 149 Resp: 529
 Ion Ratio Lower Upper
 149 100
 167 0.0 18.8 28.2#
 279 0.0 1.4 2.0#

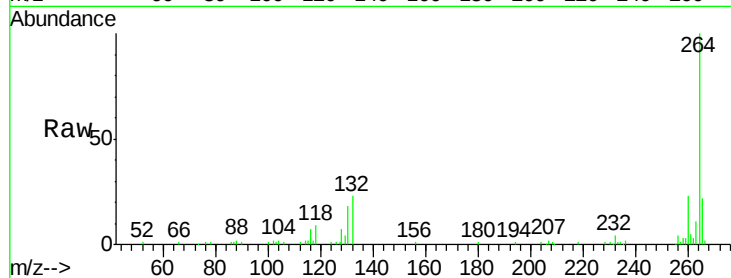




#86
Perylene-d12
Concen: 20.00 ng
RT: 14.96 min Scan# 1170
Delta R.T. -0.05 min
Lab File: BF089418.D
Acq: 29 Jul 2016 19:35

Instrument :
BNA_F
ClientSampleId :
GW-43-8.7-15.0

Tgt Ion: 264 Resp: 87131
Ion Ratio Lower Upper
264 100
260 23.0 19.0 28.4
265 21.8 17.5 26.3



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

