

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072216\
 Data File : BE092010.D
 Acq On : 22 Jul 2016 17:32
 Operator : UM/SJ
 Sample : H4120-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 GW-01-6.5-15.0

Quant Time: Jul 23 01:31:25 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE072216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 22 15:39:27 2016
 Response via : Initial Calibration

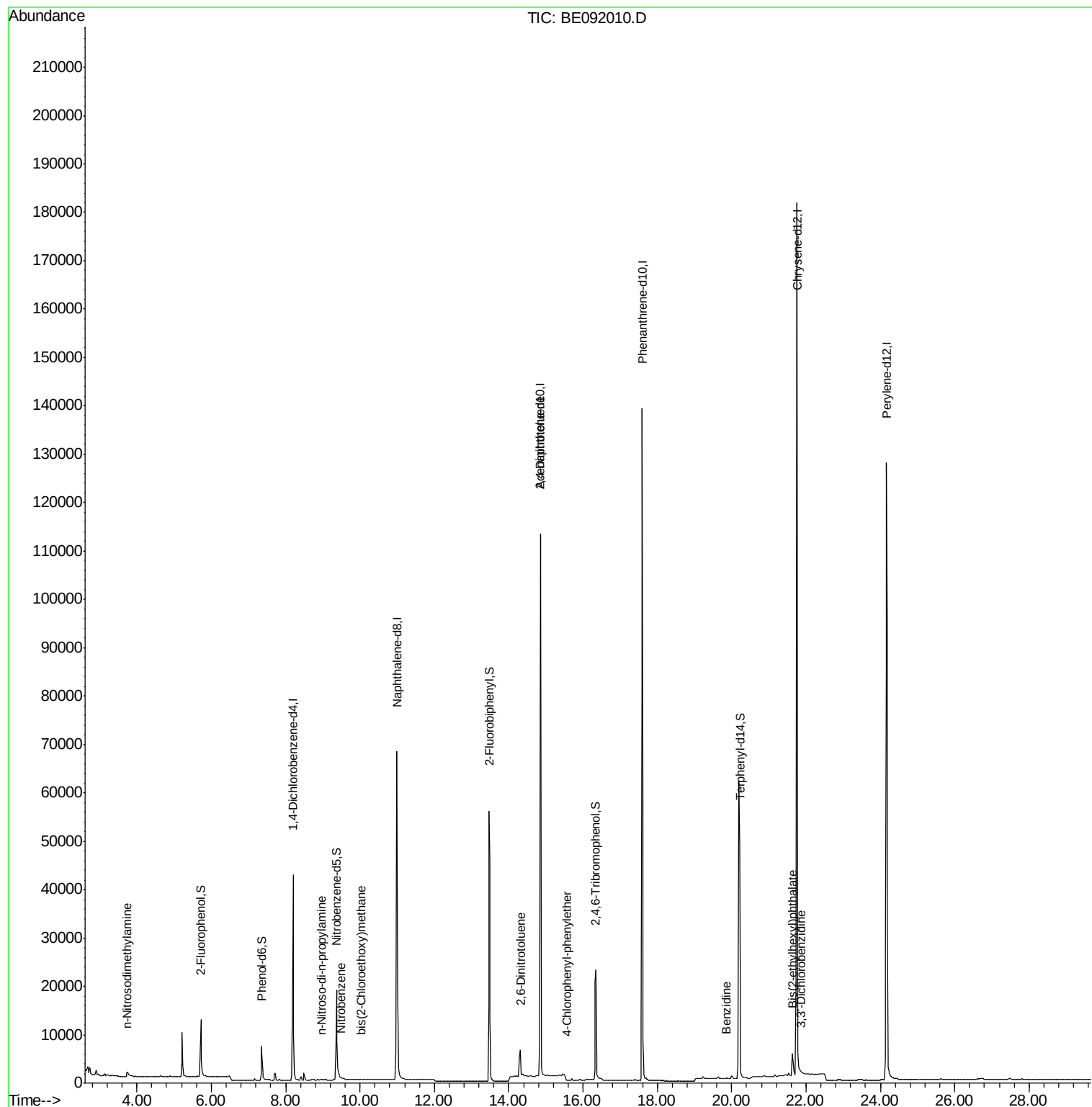
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	23548	5.00	ng	0.00
8) Naphthalene-d8	10.99	136	111905	5.00	ng	0.00
15) Acenaphthene-d10	14.86	164	74650	5.00	ng	0.00
24) Phenanthrene-d10	17.59	188	173374	5.00	ng	0.00
31) Chrysene-d12	21.76	240	257263	5.00	ng	0.00
40) Perylene-d12	24.16	264	187817	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.72	112	11676	2.56	ng	0.00
5) Phenol-d6	7.35	99	10223	1.36	ng	-0.02
9) Nitrobenzene-d5	9.36	82	20427	3.03	ng	-0.02
16) 2,4,6-Tribromophenol	16.35	330	13818	5.39	ng	0.00
17) 2-Fluorobiphenyl	13.47	172	60537	3.08	ng	-0.01
34) Terphenyl-d14	20.22	244	121539	4.70	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.73	42	476	0.19	ng	# 1
7) n-Nitroso-di-n-propylamine	8.96	70	142	0.02	ng	# 60
10) Nitrobenzene	9.48	77	6	0.13	ng	# 66
11) bis(2-Chloroethoxy)methane	10.05	93	734	0.09	ng	# 22
19) 2,6-Dinitrotoluene	14.32	165	5087	0.40	ng	# 10
21) 2,4-Dinitrotoluene	14.86	165	42007	2.18	ng	# 1
23) 4-Chlorophenyl-phenylether	15.57	204	441	0.04	ng	# 1
32) Benzidine	19.86	184	119	0.19	ng	# 1
36) 3,3'-Dichlorobenzidine	21.87	252	84	0.03	ng	# 82
38) Bis(2-ethylhexyl)phthalate	21.64	149	8560	0.24	ng	# 100

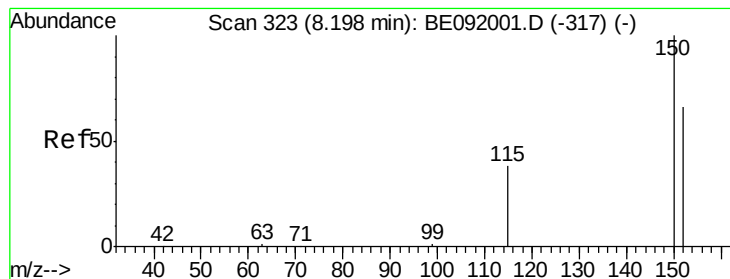
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072216\
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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
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Quant Time: Jul 23 01:31:25 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE072216.M
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.20 min Scan# 323

Delta R.T. 0.00 min

Lab File: BE092010.D

Acq: 22 Jul 2016 17:32

Instrument :

BNA_E

ClientSampleId :

GW-01-6.5-15.0

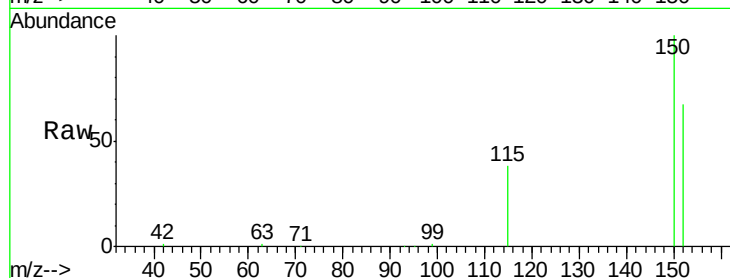
Tgt Ion:152 Resp: 23548

Ion Ratio Lower Upper

152 100

150 149.1 123.9 185.9

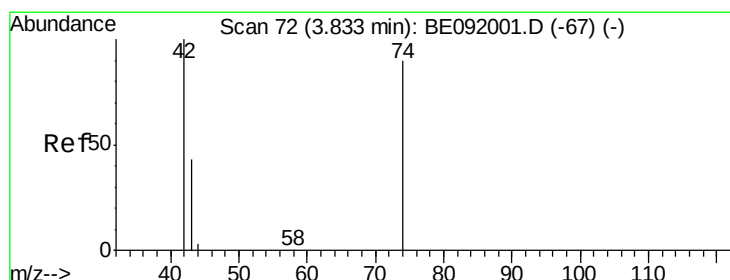
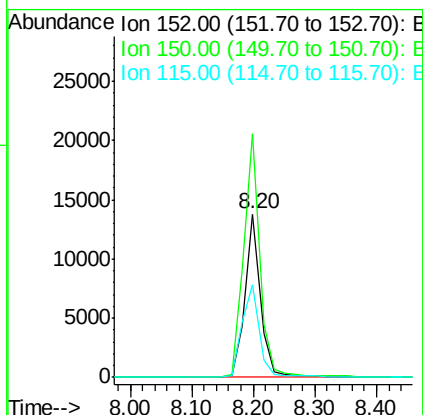
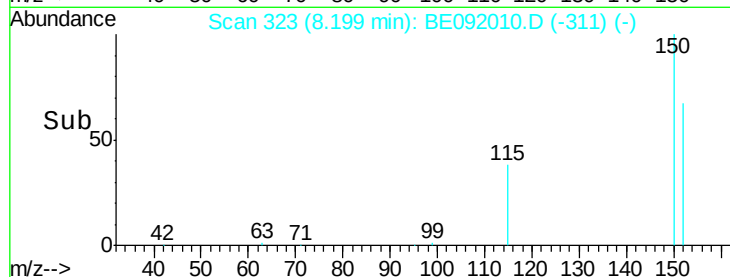
115 56.5 48.3 72.5



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



#3

n-Nitrosodimethylamine

Concen: 0.19 ng

RT: 3.73 min Scan# 66

Delta R.T. -0.10 min

Lab File: BE092010.D

Acq: 22 Jul 2016 17:32

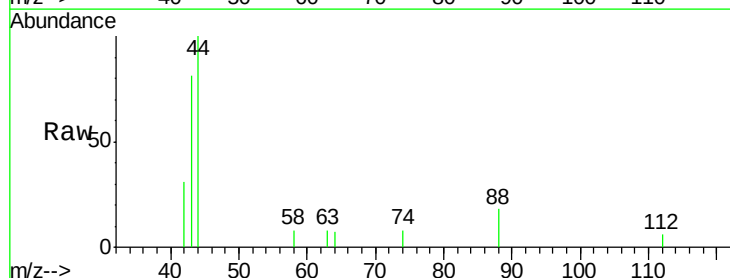
Tgt Ion: 42 Resp: 476

Ion Ratio Lower Upper

42 100

74 1.3 93.4 140.0#

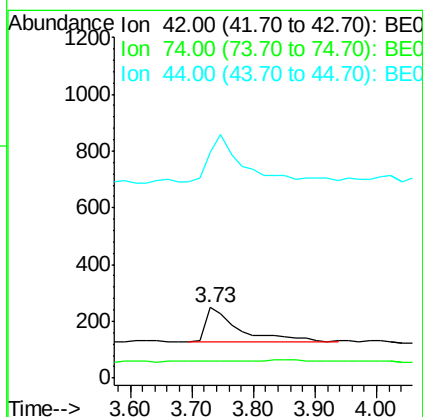
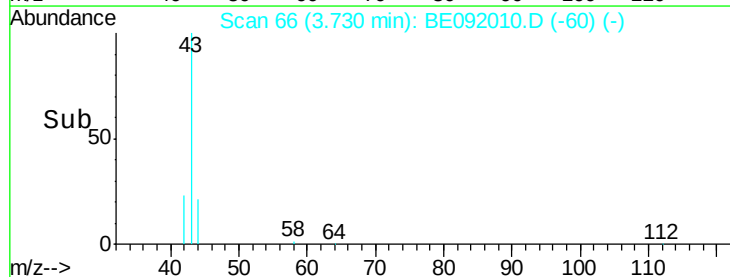
44 124.6 5.0 7.6#

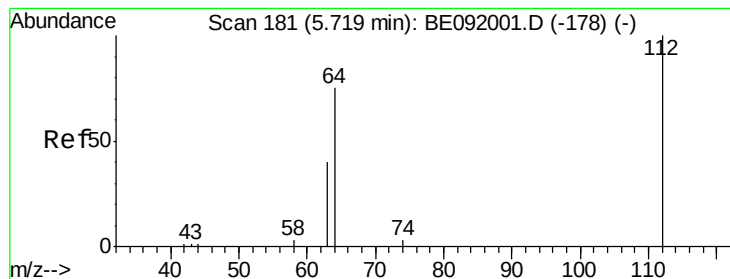


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 2.56 ng

RT: 5.72 min Scan# 181

Delta R.T. 0.00 min

Lab File: BE092010.D

Acq: 22 Jul 2016 17:32

Instrument :

BNA_E

ClientSampleId :

GW-01-6.5-15.0

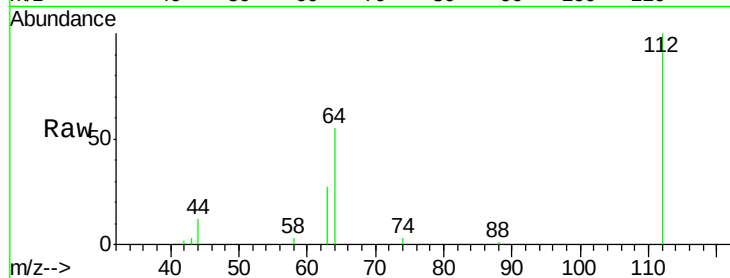
Tgt Ion: 112 Resp: 11676

Ion Ratio Lower Upper

112 100

64 67.5 53.7 80.5

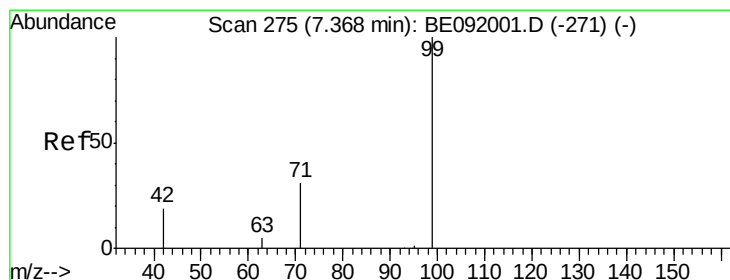
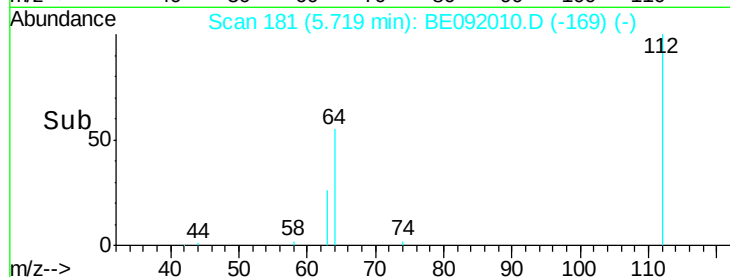
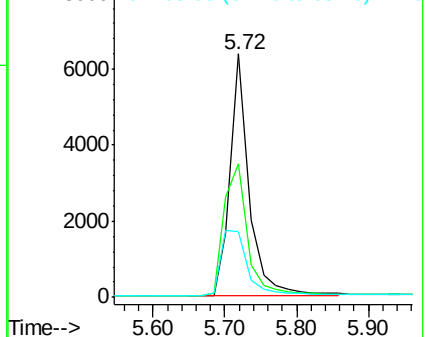
63 37.2 29.5 44.3



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 1.36 ng

RT: 7.35 min Scan# 274

Delta R.T. -0.02 min

Lab File: BE092010.D

Acq: 22 Jul 2016 17:32

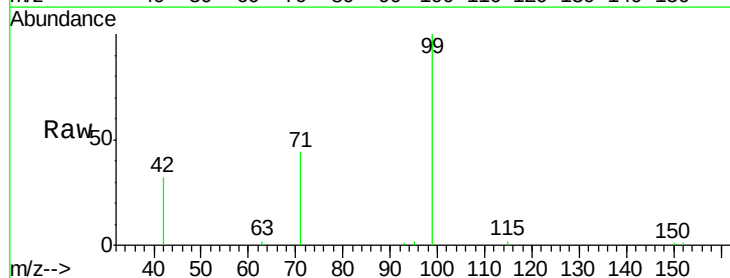
Tgt Ion: 99 Resp: 10223

Ion Ratio Lower Upper

99 100

42 27.3 19.6 29.4

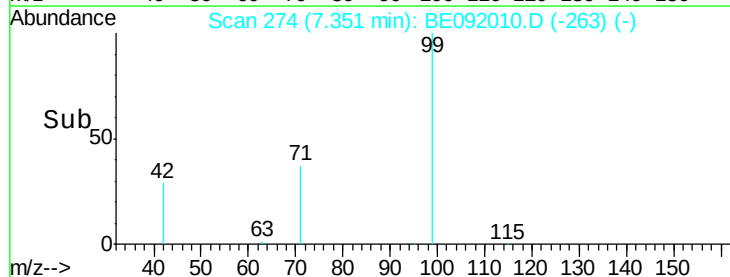
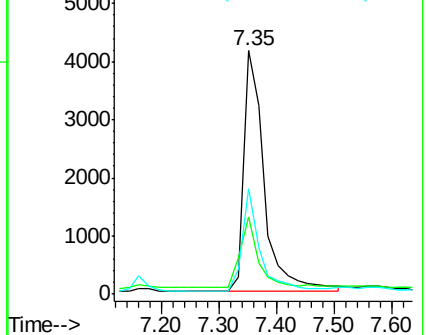
71 37.2 28.1 42.1

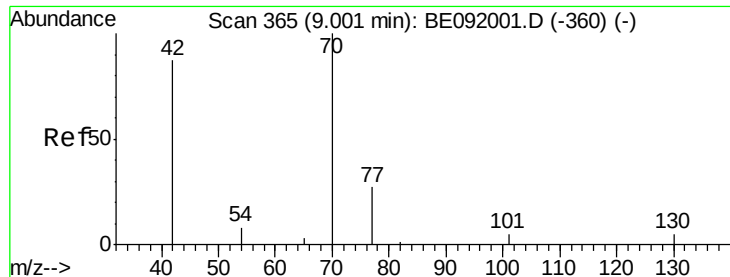


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#7

n-Nitroso-di-n-propylamine

Concen: 0.02 ng

RT: 8.96 min Scan# 363

Delta R.T. -0.04 min

Lab File: BE092010.D

Acq: 22 Jul 2016 17:32

Instrument :

BNA_E

ClientSampleId :

GW-01-6.5-15.0

Tgt Ion: 70 Resp: 142

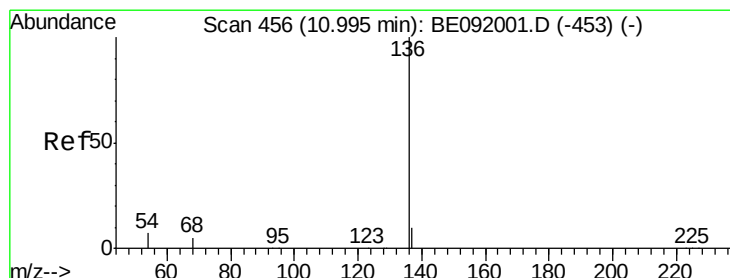
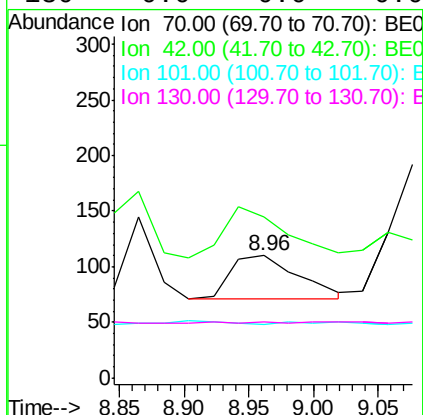
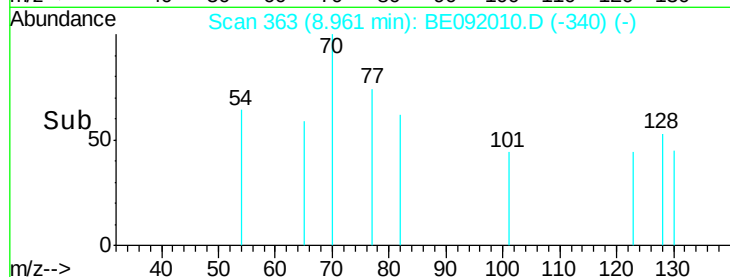
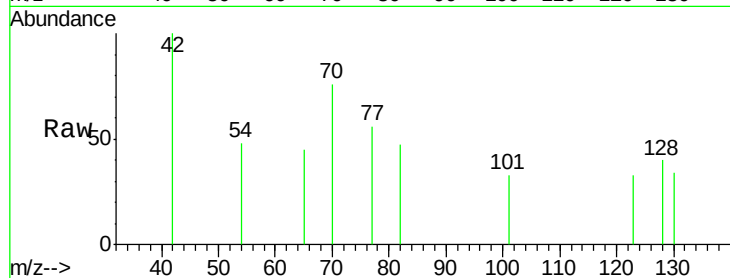
Ion Ratio Lower Upper

70 100

42 107.7 58.4 87.6#

101 0.0 6.4 9.6#

130 0.0 0.0 0.0



#8

Naphthalene-d8

Concen: 5.00 ng

RT: 10.99 min Scan# 456

Delta R.T. -0.00 min

Lab File: BE092010.D

Acq: 22 Jul 2016 17:32

Tgt Ion: 136 Resp: 111905

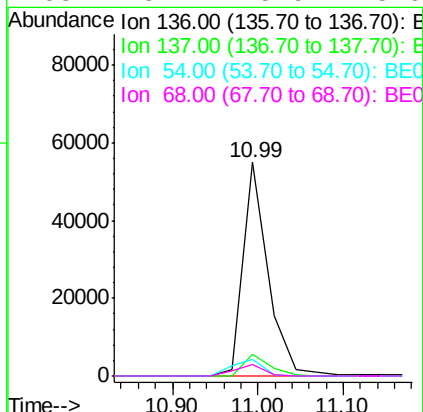
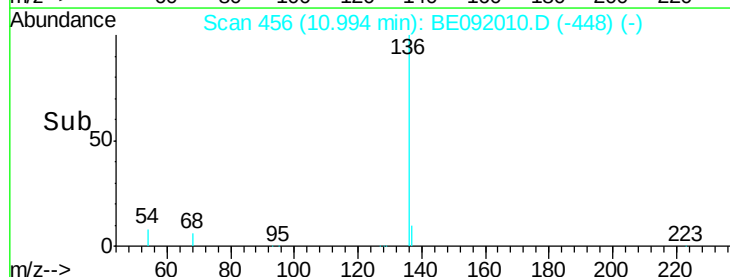
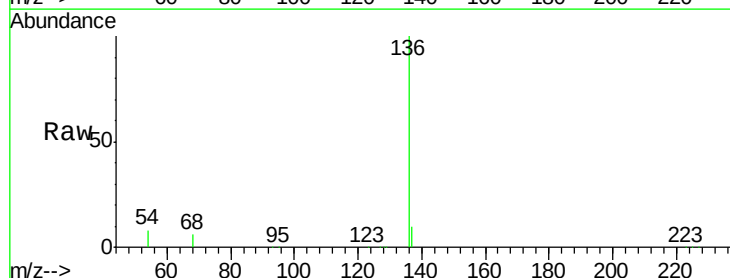
Ion Ratio Lower Upper

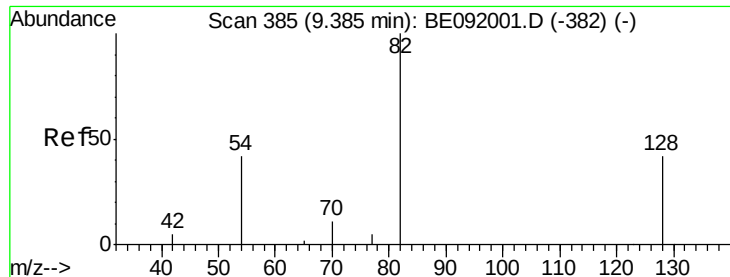
136 100

137 10.3 8.3 12.5

54 7.8 8.2 12.4#

68 5.7 5.9 8.9#





#9

Nitrobenzene-d5

Concen: 3.03 ng

RT: 9.36 min Scan# 384

Delta R.T. -0.02 min

Lab File: BE092010.D

Acq: 22 Jul 2016 17:32

Instrument :

BNA_E

ClientSampleId :

GW-01-6.5-15.0

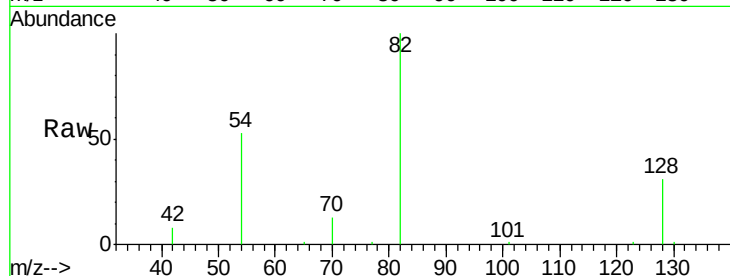
Tgt Ion: 82 Resp: 20427

Ion Ratio Lower Upper

82 100

128 31.0 39.5 59.3#

54 53.2 30.3 45.5#

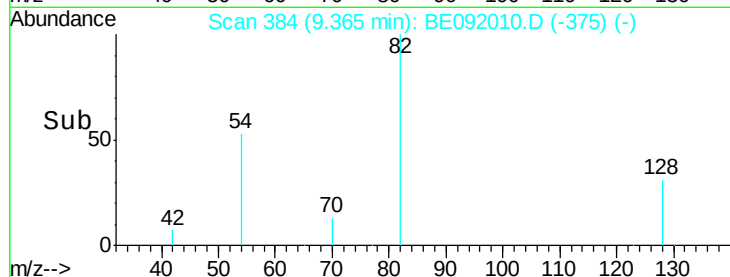


Abundance Ion 82.00 (81.70 to 82.70): BE0

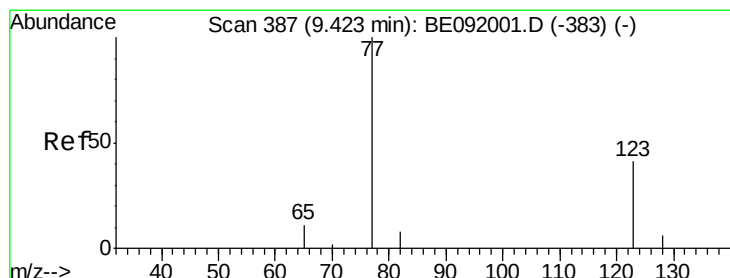
Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0

Time-->



Time-->



#10

Nitrobenzene

Concen: 0.13 ng

RT: 9.48 min Scan# 390

Delta R.T. 0.06 min

Lab File: BE092010.D

Acq: 22 Jul 2016 17:32

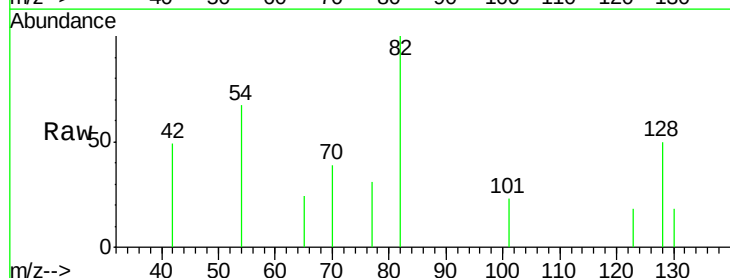
Tgt Ion: 77 Resp: 6

Ion Ratio Lower Upper

77 100

123 0.0 0.0 0.0

65 0.0 11.1 16.7#

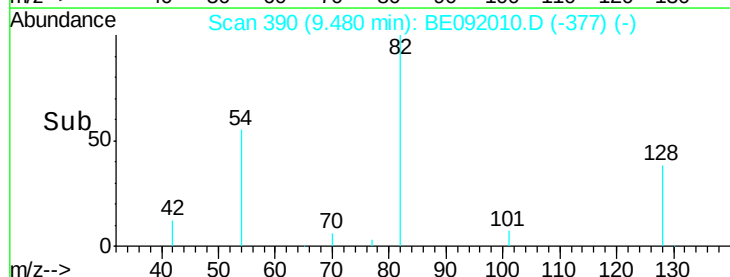


Abundance Ion 77.00 (76.70 to 77.70): BE0

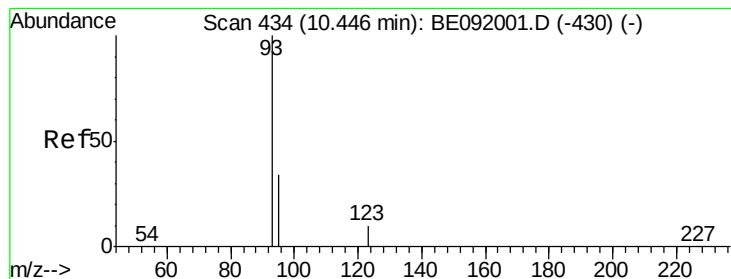
Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0

Time-->



Time-->



#11

bis(2-Chloroethoxy)methane

Concen: 0.09 ng

RT: 10.05 min Scan# 418

Delta R.T. -0.40 min

Lab File: BE092010.D

Acq: 22 Jul 2016 17:32

Instrument :

BNA_E

ClientSampleId :

GW-01-6.5-15.0

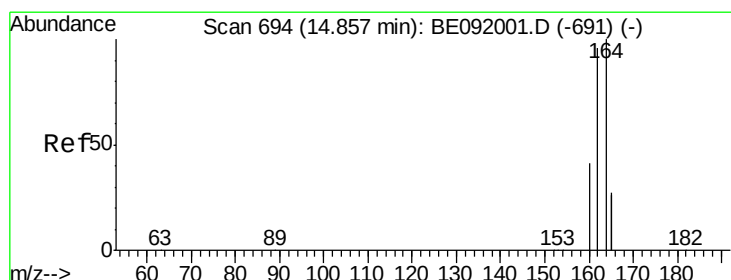
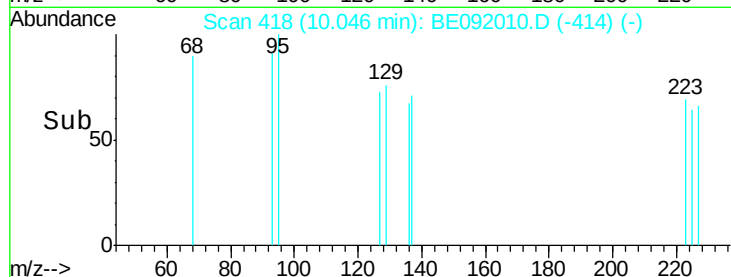
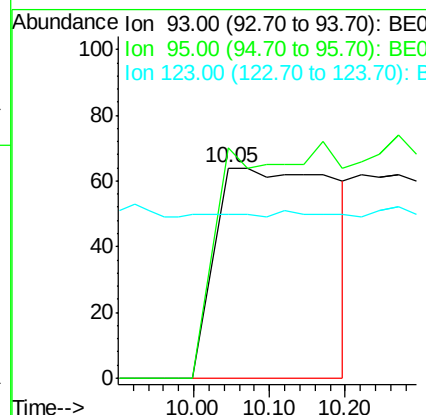
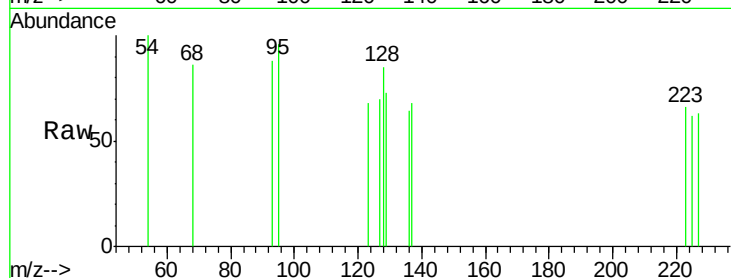
Tgt Ion: 93 Resp: 734

Ion Ratio Lower Upper

93 100

95 52.6 57.6 86.4#

123 0.0 100.2 150.4#



#15

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.86 min Scan# 694

Delta R.T. 0.00 min

Lab File: BE092010.D

Acq: 22 Jul 2016 17:32

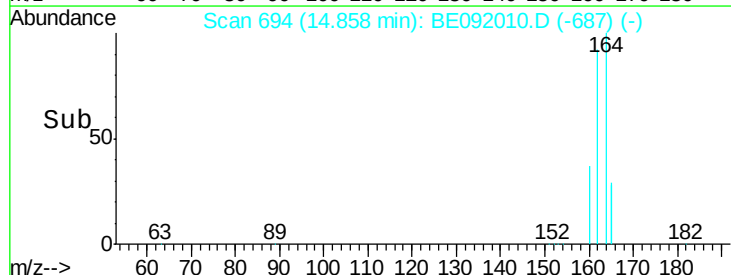
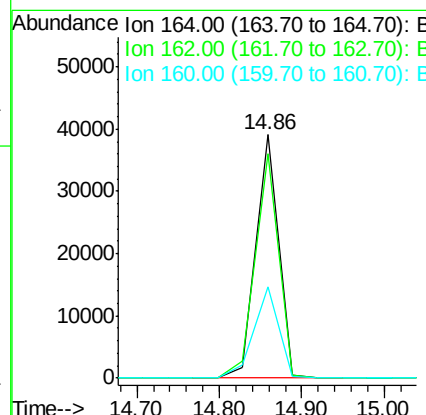
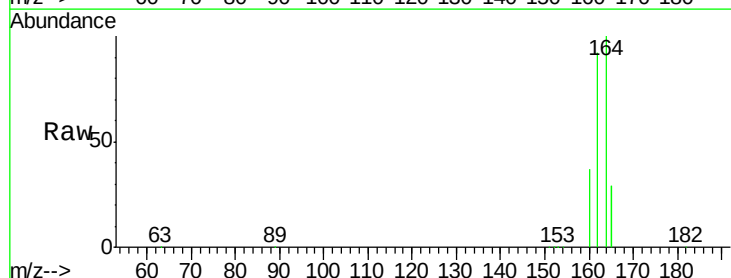
Tgt Ion: 164 Resp: 74650

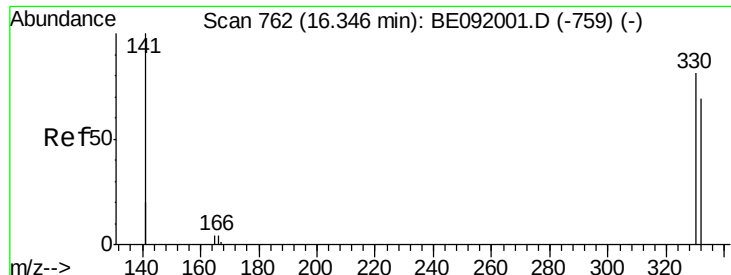
Ion Ratio Lower Upper

164 100

162 92.0 71.8 107.8

160 37.5 28.0 42.0

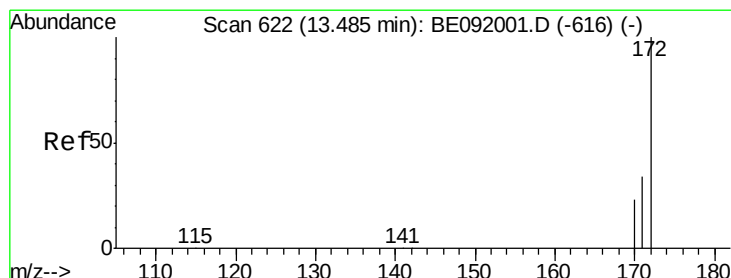
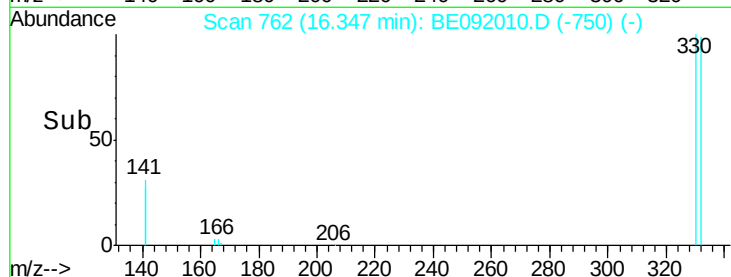
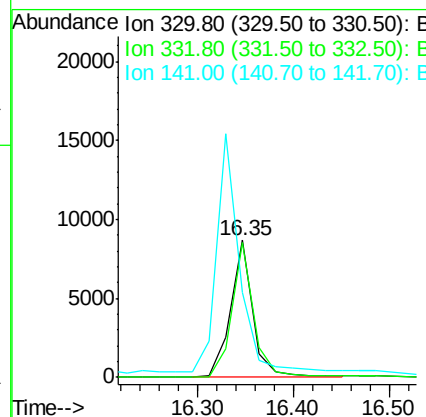
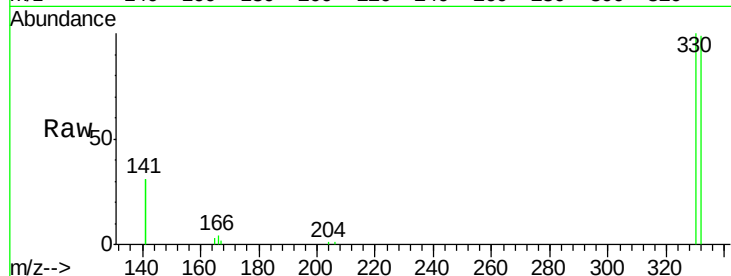




#16
 2,4,6-Tribromophenol
 Concen: 5.39 ng
 RT: 16.35 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BE092010.D
 Acq: 22 Jul 2016 17:32

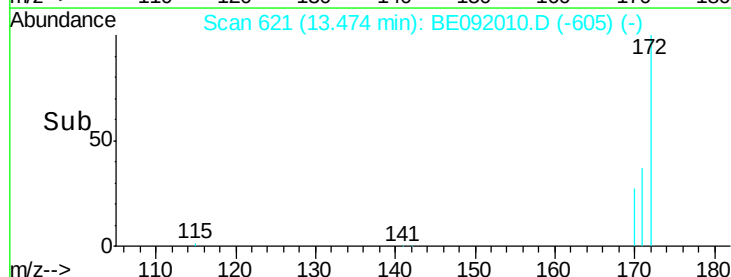
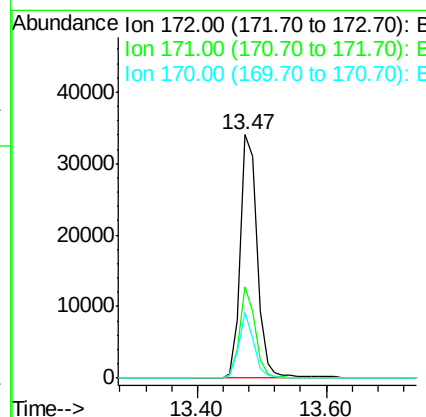
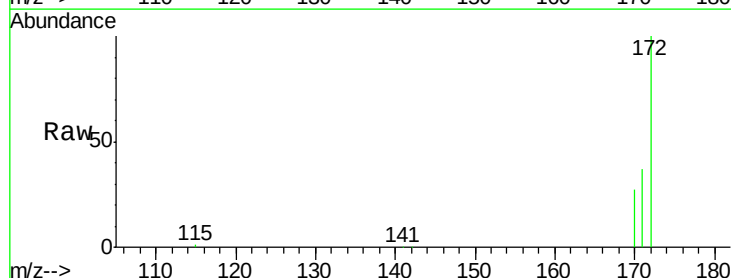
Instrument :
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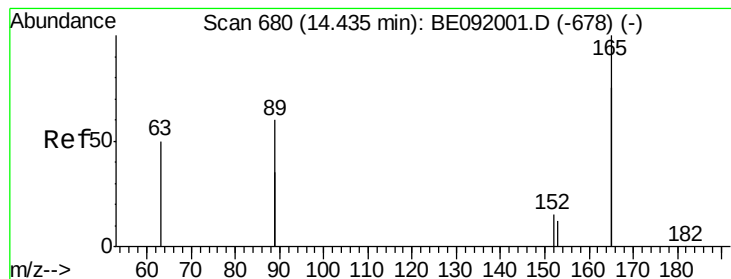
Tgt Ion:330 Resp: 13818
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 178.5 138.4 207.6



#17
 2-Fluorobiphenyl
 Concen: 3.08 ng
 RT: 13.47 min Scan# 621
 Delta R.T. -0.01 min
 Lab File: BE092010.D
 Acq: 22 Jul 2016 17:32

Tgt Ion:172 Resp: 60537
 Ion Ratio Lower Upper
 172 100
 171 37.3 24.3 36.5#
 170 26.9 14.9 22.3#





#19

2,6-Dinitrotoluene

Concen: 0.40 ng

RT: 14.32 min Scan# 676

Delta R.T. -0.12 min

Lab File: BE092010.D

Acq: 22 Jul 2016 17:32

Instrument :

BNA_E

ClientSampleId :

GW-01-6.5-15.0

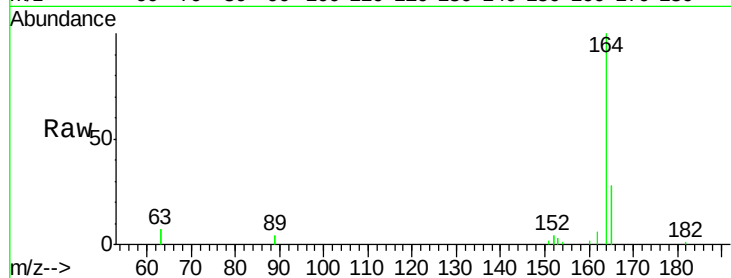
Tgt Ion:165 Resp: 5087

Ion Ratio Lower Upper

165 100

63 0.0 65.9 98.9#

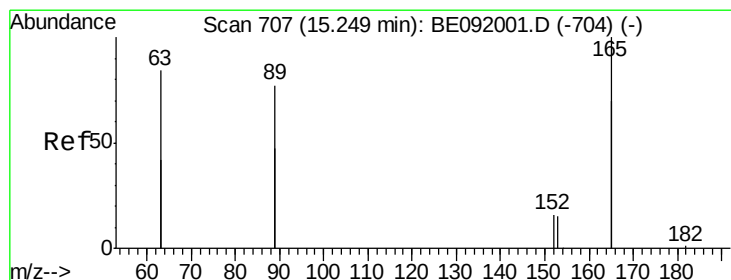
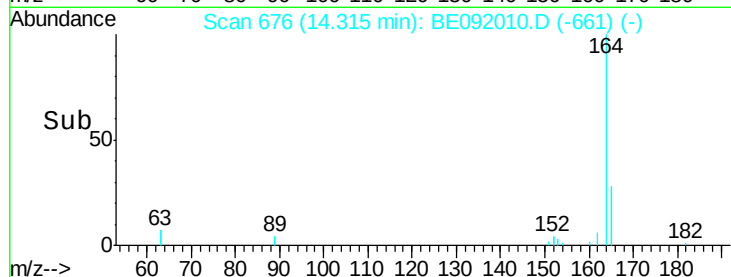
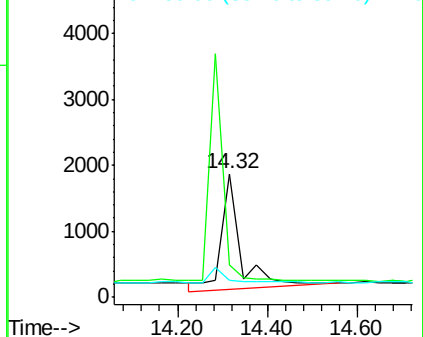
89 0.0 59.1 88.7#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BE0

Ion 89.00 (88.70 to 89.70): BE0



#21

2,4-Dinitrotoluene

Concen: 2.18 ng

RT: 14.86 min Scan# 694

Delta R.T. -0.39 min

Lab File: BE092010.D

Acq: 22 Jul 2016 17:32

Tgt Ion:165 Resp: 42007

Ion Ratio Lower Upper

165 100

63 0.0 0.0 0.0

89 0.0 99.8 149.8#

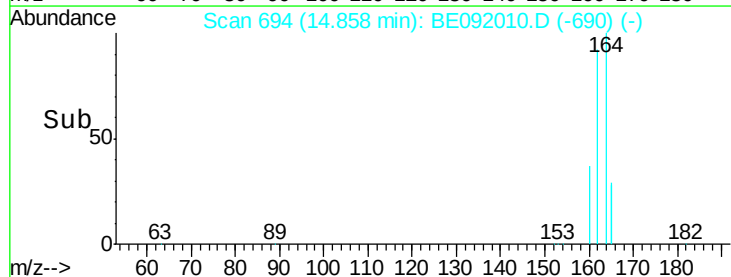
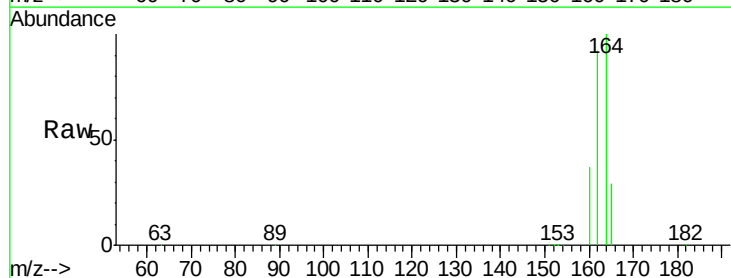
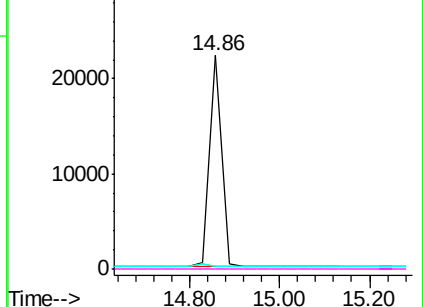
182 0.0 0.0 0.0

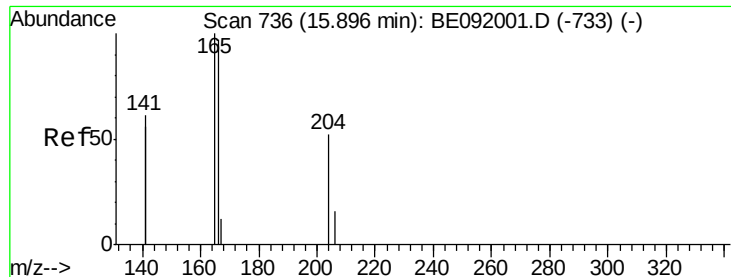
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BE0

Ion 89.00 (88.70 to 89.70): BE0

Ion 182.00 (181.70 to 182.70): E

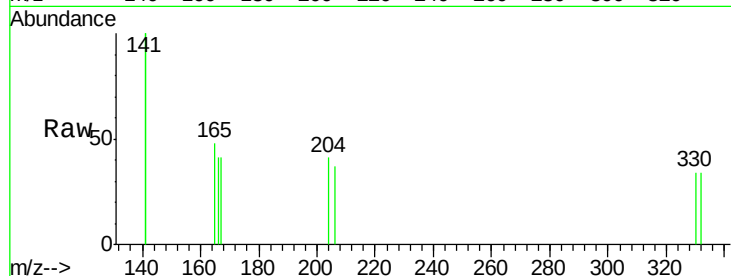




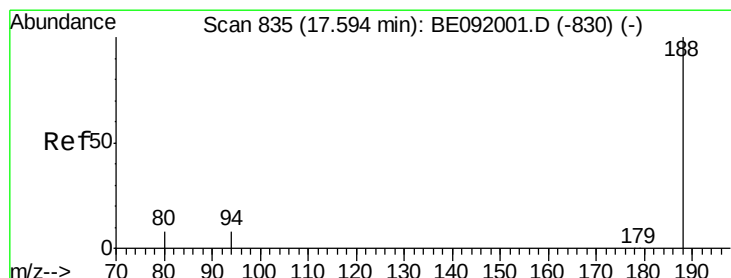
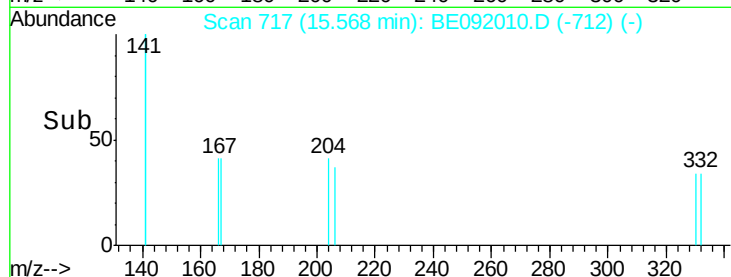
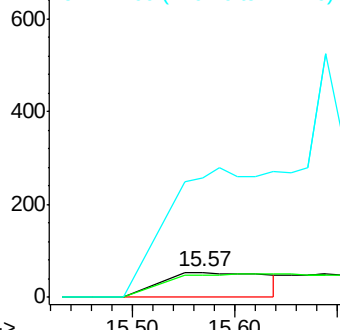
#23
4-Chlorophenyl-phenylether
Concen: 0.04 ng
RT: 15.57 min Scan# 717
Delta R.T. -0.33 min
Lab File: BE092010.D
Acq: 22 Jul 2016 17:32

Instrument :
BNA_E
ClientSampleId :
GW-01-6.5-15.0

Tgt Ion:204 Resp: 441
Ion Ratio Lower Upper
204 100
206 0.0 27.8 41.6#
141 456.5 197.6 296.4#

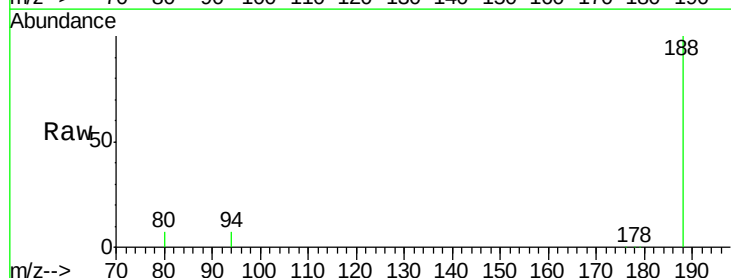


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

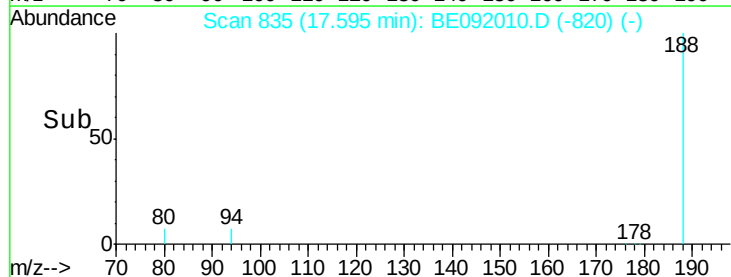
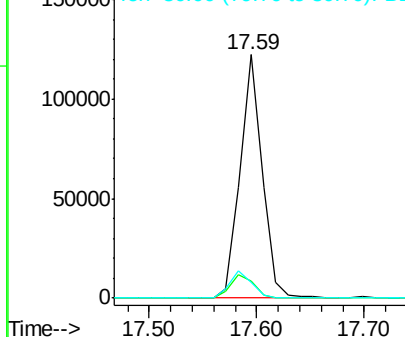


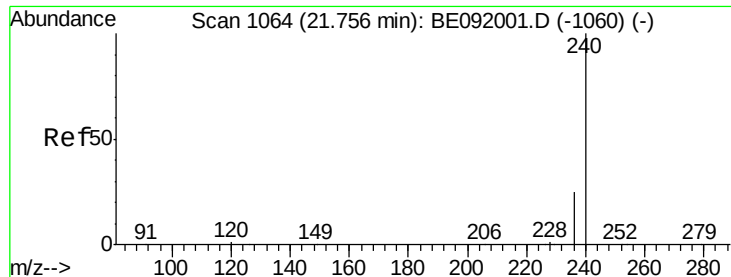
#24
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.59 min Scan# 835
Delta R.T. 0.00 min
Lab File: BE092010.D
Acq: 22 Jul 2016 17:32

Tgt Ion:188 Resp: 173374
Ion Ratio Lower Upper
188 100
94 7.3 4.1 6.1#
80 6.5 3.4 5.2#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE0
Ion 80.00 (79.70 to 80.70): BE0





#31

Chrysene-d12

Concen: 5.00 ng

RT: 21.76 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BE092010.D

Acq: 22 Jul 2016 17:32

Instrument :

BNA_E

ClientSampleId :

GW-01-6.5-15.0

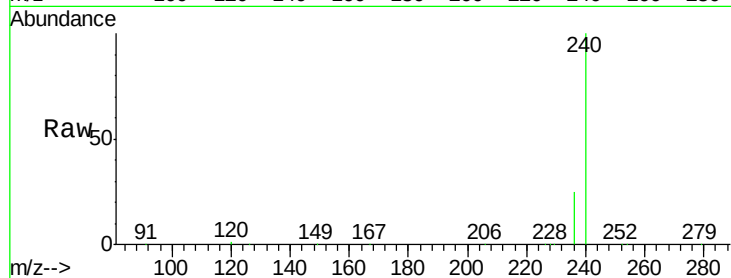
Tgt Ion:240 Resp: 257263

Ion Ratio Lower Upper

240 100

120 0.8 1.2 1.8#

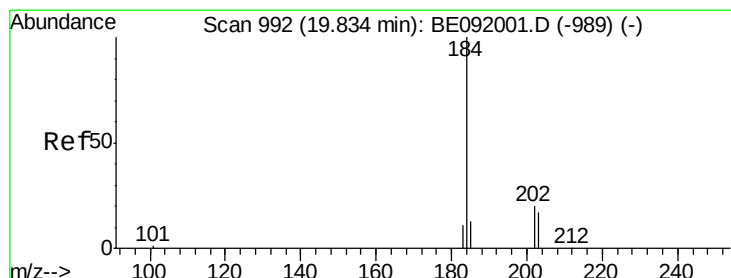
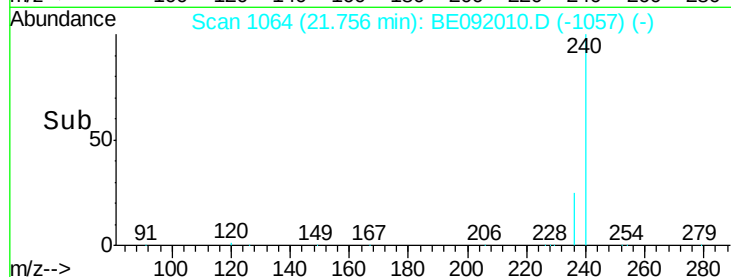
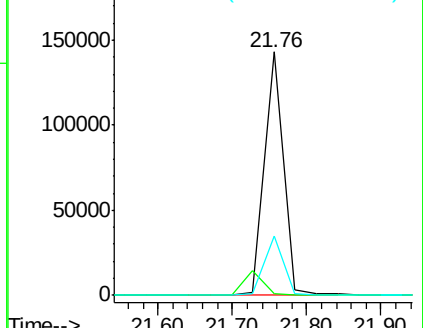
236 24.6 19.8 29.8



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



#32

Benzidine

Concen: 0.19 ng

RT: 19.86 min Scan# 993

Delta R.T. 0.02 min

Lab File: BE092010.D

Acq: 22 Jul 2016 17:32

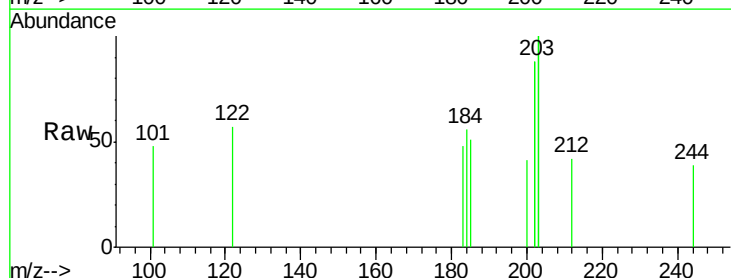
Tgt Ion:184 Resp: 119

Ion Ratio Lower Upper

184 100

185 91.5 11.4 17.2#

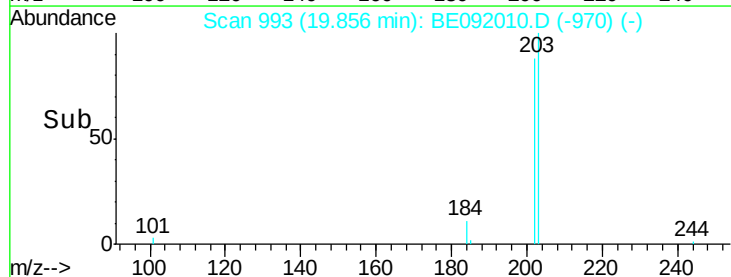
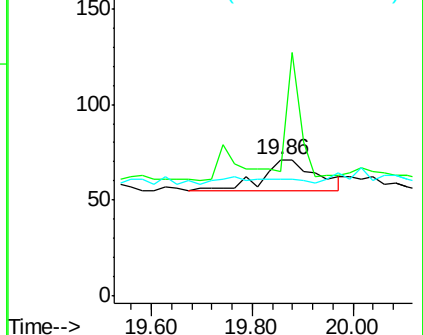
183 85.9 11.8 17.6#

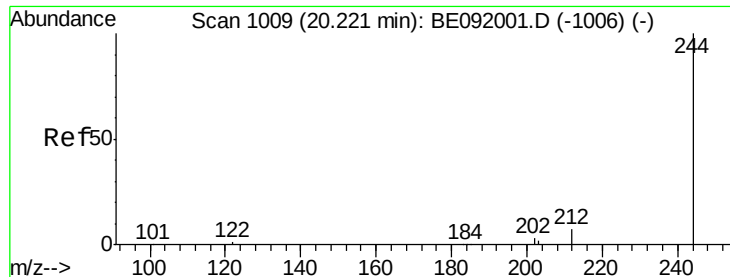


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#34

Terphenyl-d14

Concen: 4.70 ng

RT: 20.22 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BE092010.D

Acq: 22 Jul 2016 17:32

Instrument :

BNA_E

ClientSampleId :

GW-01-6.5-15.0

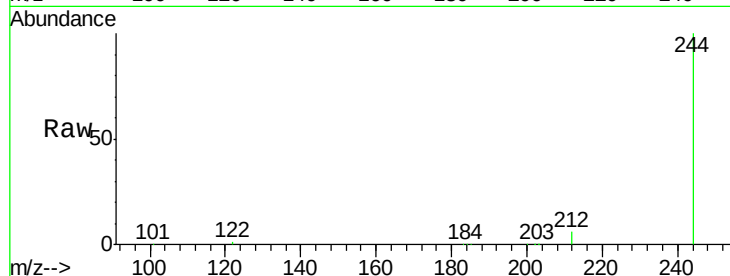
Tgt Ion:244 Resp: 121539

Ion Ratio Lower Upper

244 100

212 6.2 6.5 9.7#

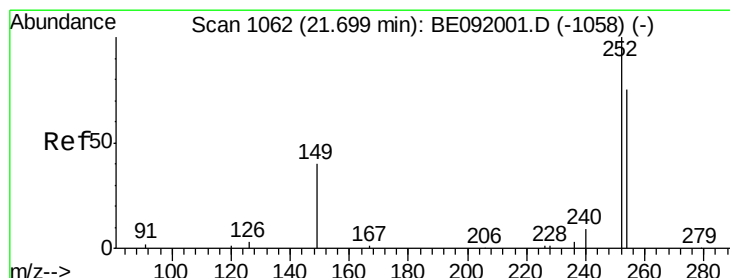
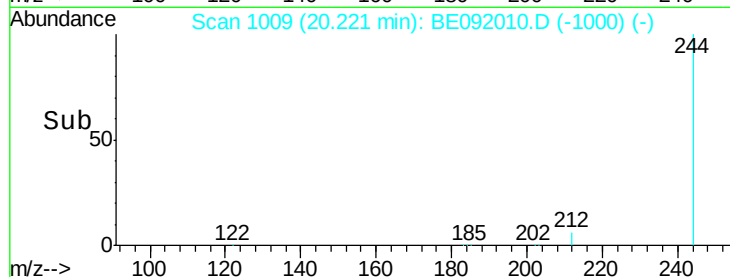
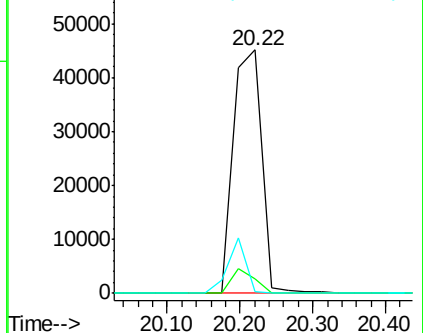
122 0.6 2.9 4.3#



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



#36

3,3'-Dichlorobenzidine

Concen: 0.03 ng

RT: 21.87 min Scan# 1068

Delta R.T. 0.17 min

Lab File: BE092010.D

Acq: 22 Jul 2016 17:32

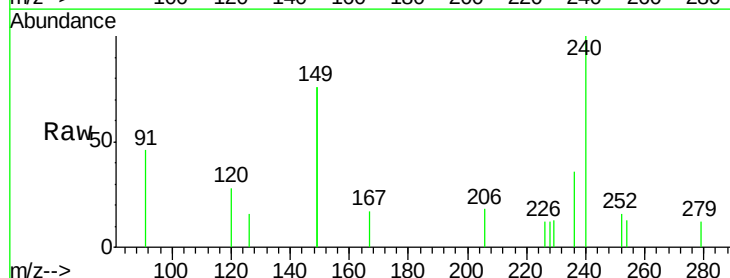
Tgt Ion:252 Resp: 84

Ion Ratio Lower Upper

252 100

254 82.2 61.5 92.3

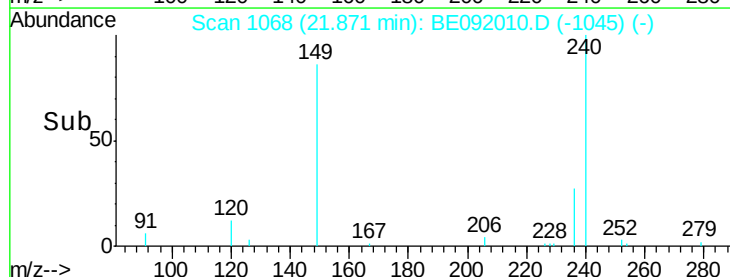
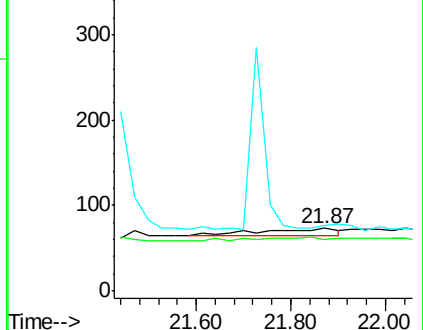
126 105.5 2.5 3.7#

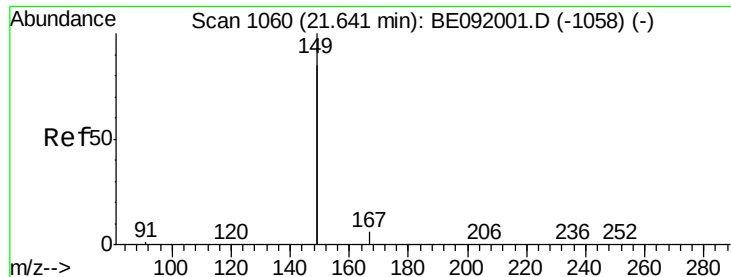


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

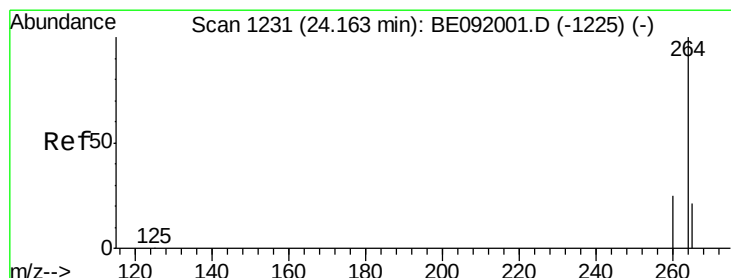
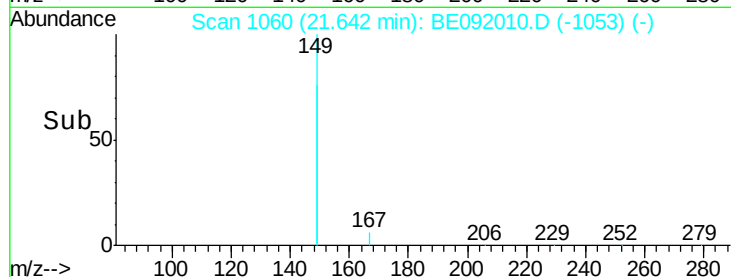
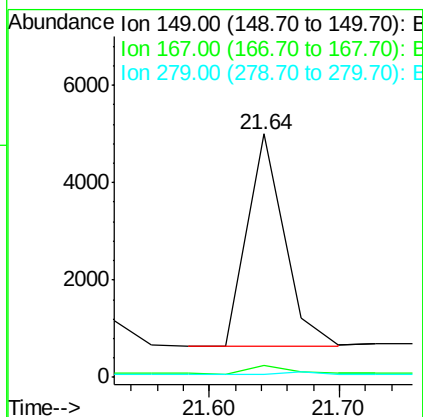
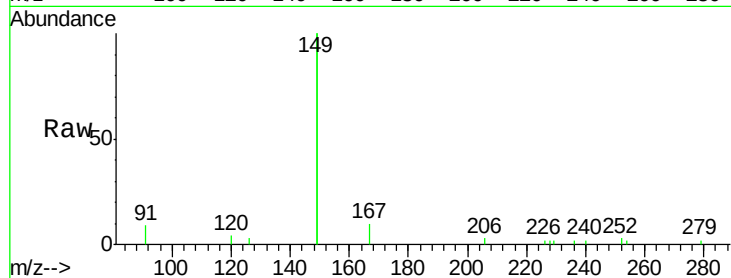




#38
 Bis(2-ethylhexyl)phthalate
 Concen: 0.24 ng
 RT: 21.64 min Scan# 1060
 Delta R.T. 0.00 min
 Lab File: BE092010.D
 Acq: 22 Jul 2016 17:32

Instrument :
 BNA_E
 ClientSampleId :
 GW-01-6.5-15.0

Tgt Ion:149 Resp: 8560
 Ion Ratio Lower Upper
 149 100
 167 3.9 0.0 0.0#
 279 0.0 0.0 0.0



#40
 Perylene-d12
 Concen: 5.00 ng
 RT: 24.16 min Scan# 1231
 Delta R.T. -0.00 min
 Lab File: BE092010.D
 Acq: 22 Jul 2016 17:32

Tgt Ion:264 Resp: 187817
 Ion Ratio Lower Upper
 264 100
 260 25.3 20.3 30.5
 265 21.2 17.6 26.4

