

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072216\
 Data File : BE092014.D
 Acq On : 22 Jul 2016 20:07
 Operator : UM/SJ
 Sample : H4120-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 GW-05-5.0-16.0

Quant Time: Jul 23 01:32:16 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	25219	5.00	ng	0.00
8) Naphthalene-d8	10.99	136	127435	5.00	ng	0.00
15) Acenaphthene-d10	14.86	164	89708	5.00	ng	0.00
24) Phenanthrene-d10	17.59	188	177768	5.00	ng	0.00
31) Chrysene-d12	21.76	240	238418	5.00	ng	0.00
40) Perylene-d12	24.16	264	189926	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.72	112	15072	3.08	ng	0.00
5) Phenol-d6	7.35	99	14960	1.81	ng	-0.02
9) Nitrobenzene-d5	9.37	82	24949	3.25	ng	-0.02
16) 2,4,6-Tribromophenol	16.35	330	17042	5.53	ng	0.00
17) 2-Fluorobiphenyl	13.48	172	75845	3.22	ng	0.00
34) Terphenyl-d14	20.20	244	126114	5.27	ng	-0.02

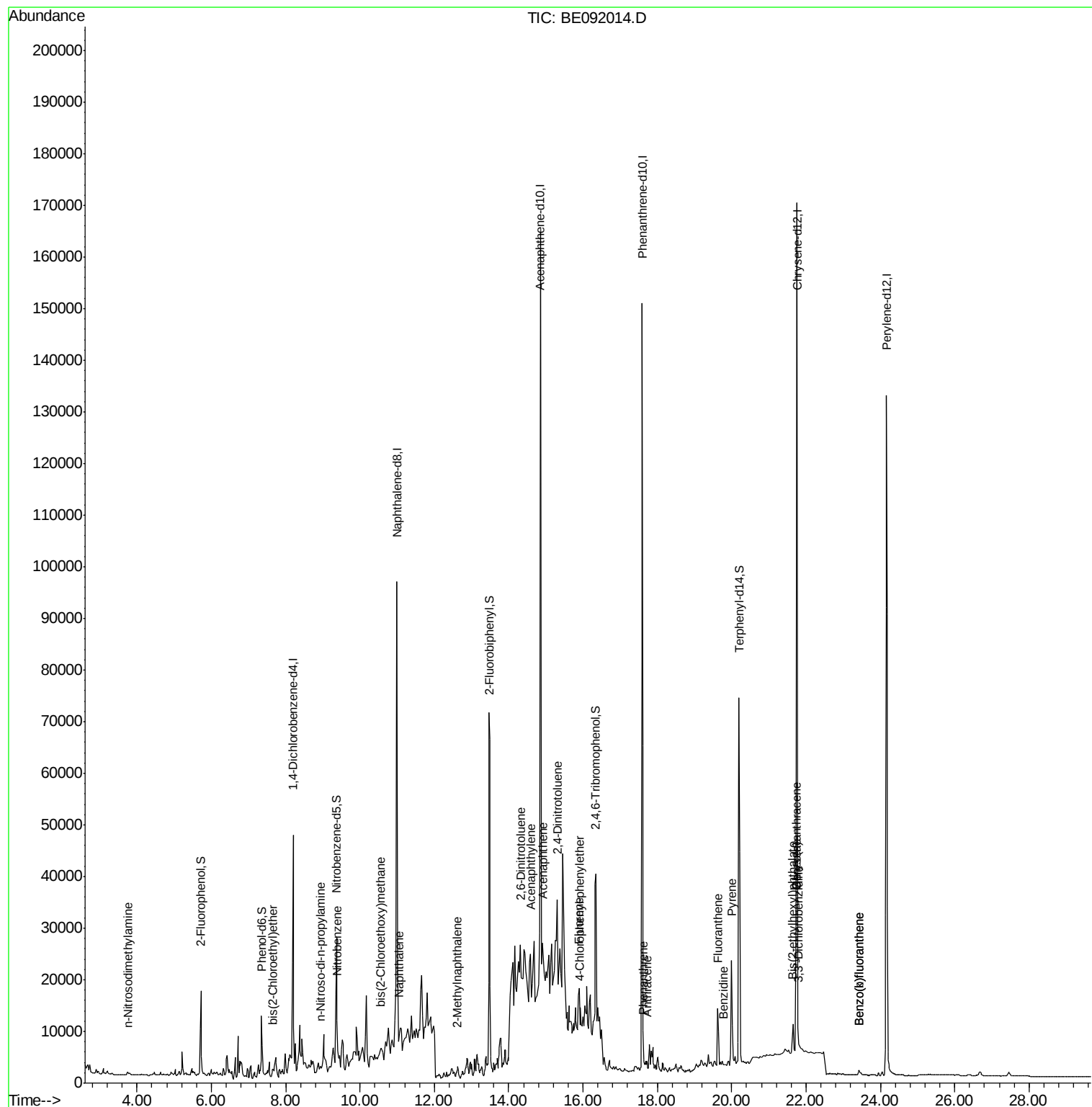
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.75	42	391	0.17	ng	# 1
6) bis(2-Chloroethyl)ether	7.66	93	162	0.02	ng	# 1
7) n-Nitroso-di-n-propylamine	8.94	70	851	0.14	ng	# 19
10) Nitrobenzene	9.38	77	1463	0.26	ng	# 1
11) bis(2-Chloroethoxy)methane	10.55	93	2786	0.29	ng	# 1
12) Naphthalene	11.04	128	4058	0.14	ng	# 1
14) 2-Methylnaphthalene	12.61	142	606	0.03	ng	# 1
18) Acenaphthylene	14.59	152	8072	0.06	ng	# 37
19) 2,6-Dinitrotoluene	14.31	165	22696	1.02	ng	# 10
20) Acenaphthene	14.92	154	1856	0.08	ng	# 1
21) 2,4-Dinitrotoluene	15.31	165	15731	0.99	ng	# 1
22) Fluorene	15.90	166	4439	0.16	ng	# 54
23) 4-Chlorophenyl-phenylether	15.91	204	945	0.07	ng	# 1
28) Phenanthrene	17.63	178	1932	0.04	ng	# 74
29) Anthracene	17.72	178	1452	0.03	ng	# 79
30) Fluoranthene	19.63	202	20758	0.11	ng	# 67
32) Benzidine	19.79	184	163	0.20	ng	# 1
33) Pyrene	19.99	202	34193	0.20	ng	# 64
35) Benzo(a)anthracene	21.73	228	5758	0.11	ng	# 77
36) 3,3'-Dichlorobenzidine	21.79	252	60	0.03	ng	# 71
37) Chrysene	21.73	228	5581	0.09	ng	# 86
38) Bis(2-ethylhexyl)phthalate	21.64	149	10344	0.29	ng	# 100
41) Benzo(b)fluoranthene	23.42	252	1983	0.04	ng	# 1
42) Benzo(k)fluoranthene	23.42	252	1983	0.04	ng	# 1

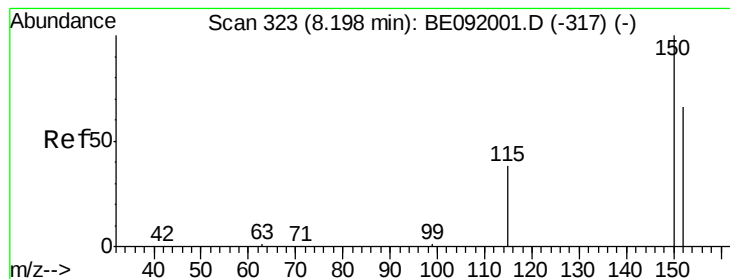
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072216\
Data File : BE092014.D
Acq On : 22 Jul 2016 20:07
Operator : UM/SJ
Sample : H4120-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleID :
GW-05-5.0-16.0

Quant Time: Jul 23 01:32:16 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





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.20 min Scan# 323

Delta R.T. -0.00 min

Lab File: BE092014.D

Acq: 22 Jul 2016 20:07

Instrument :

BNA_E

ClientSampleId :

GW-05-5.0-16.0

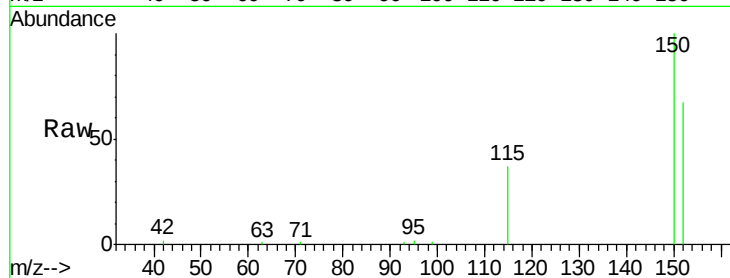
Tgt Ion:152 Resp: 25219

Ion Ratio Lower Upper

152 100

150 148.4 123.9 185.9

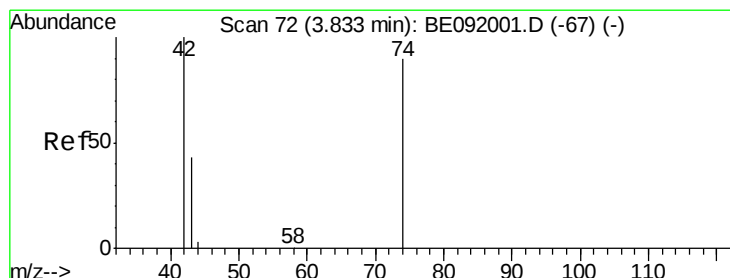
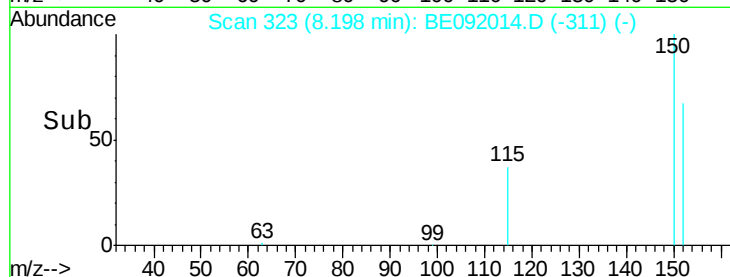
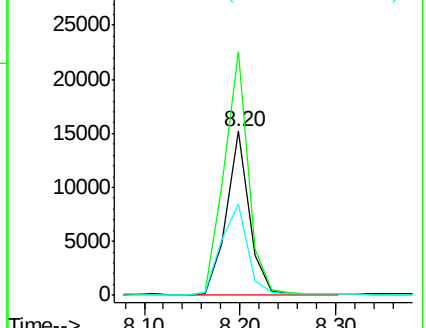
115 55.6 48.3 72.5



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: 0.17 ng

RT: 3.75 min Scan# 67

Delta R.T. -0.09 min

Lab File: BE092014.D

Acq: 22 Jul 2016 20:07

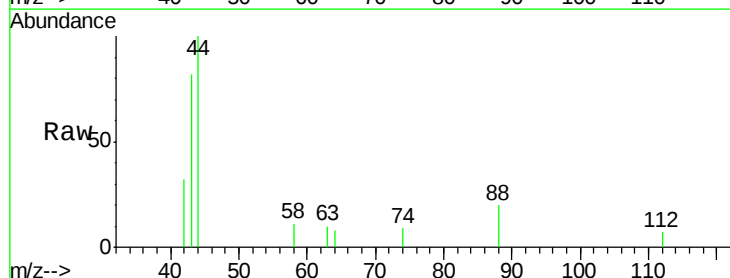
Tgt Ion: 42 Resp: 391

Ion Ratio Lower Upper

42 100

74 1.3 93.4 140.0#

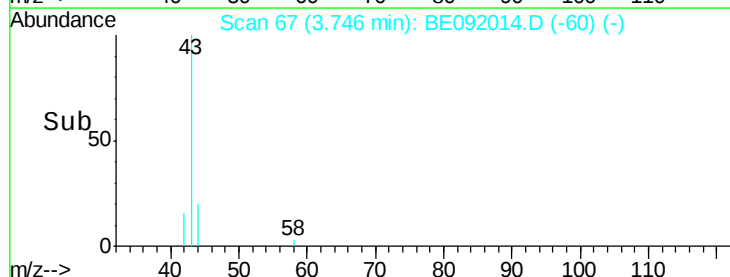
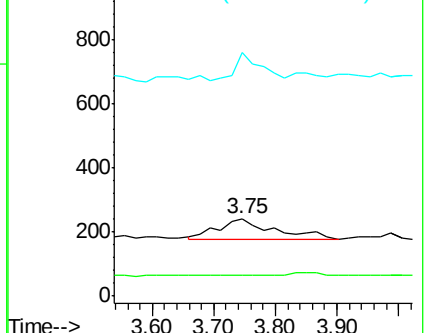
44 63.2 5.0 7.6#

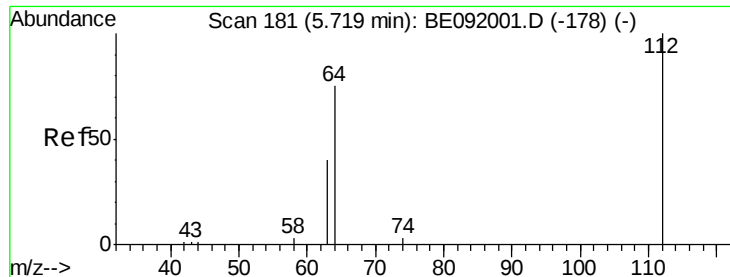


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 3.08 ng

RT: 5.72 min Scan# 181

Delta R.T. 0.00 min

Lab File: BE092014.D

Acq: 22 Jul 2016 20:07

Instrument :

BNA_E

ClientSampleId :

GW-05-5.0-16.0

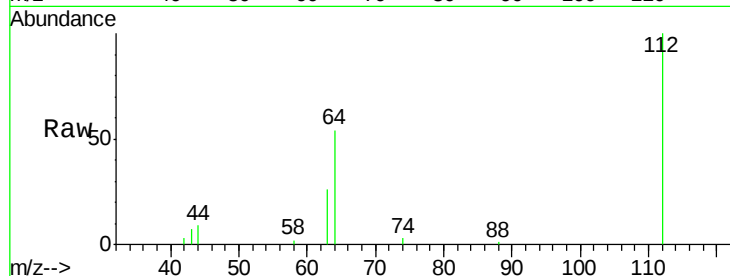
Tgt Ion: 112 Resp: 15072

Ion Ratio Lower Upper

112 100

64 68.0 53.7 80.5

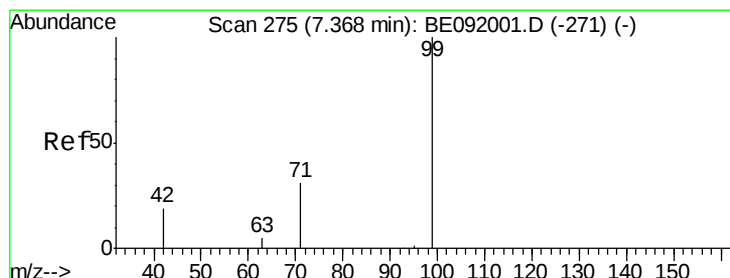
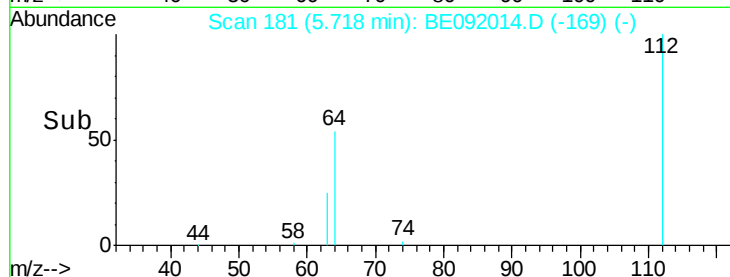
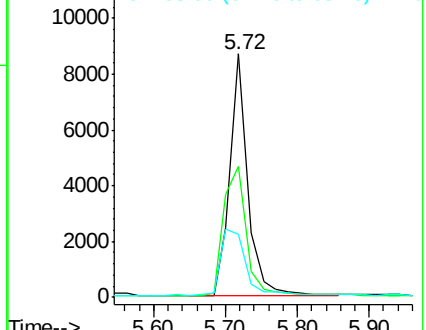
63 38.0 29.5 44.3



Abundance Ion 112.00 (111.70 to 112.70): BE092001.D (-178) (-)

Ion 64.00 (63.70 to 64.70): BE092001.D (-178) (-)

Ion 63.00 (62.70 to 63.70): BE092001.D (-178) (-)



#5

Phenol-d6

Concen: 1.81 ng

RT: 7.35 min Scan# 274

Delta R.T. -0.02 min

Lab File: BE092014.D

Acq: 22 Jul 2016 20:07

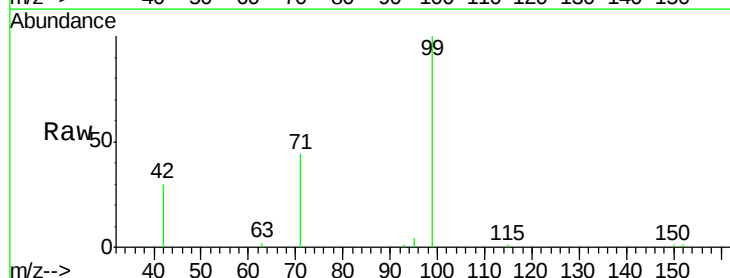
Tgt Ion: 99 Resp: 14960

Ion Ratio Lower Upper

99 100

42 42.4 19.6 29.4#

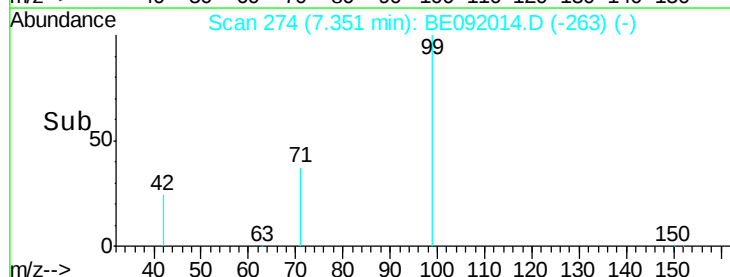
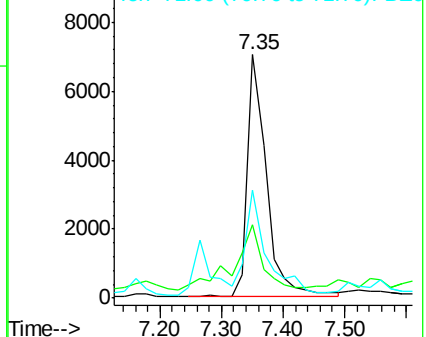
71 47.1 28.1 42.1#

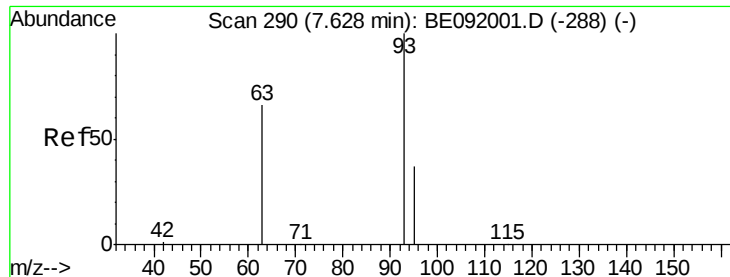


Abundance Ion 99.00 (98.70 to 99.70): BE092001.D (-271) (-)

Ion 42.00 (41.70 to 42.70): BE092001.D (-271) (-)

Ion 71.00 (70.70 to 71.70): BE092001.D (-271) (-)





#6

bis(2-Chloroethyl)ether

Concen: 0.02 ng

RT: 7.66 min Scan# 292

Delta R.T. 0.03 min

Lab File: BE092014.D

Acq: 22 Jul 2016 20:07

Instrument :

BNA_E

ClientSampleId :

GW-05-5.0-16.0

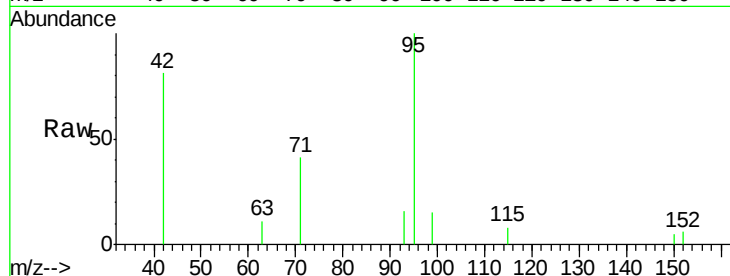
Tgt Ion: 93 Resp: 162

Ion Ratio Lower Upper

93 100

63 0.0 66.2 99.4#

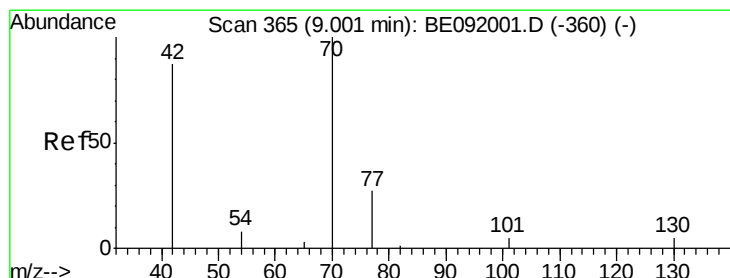
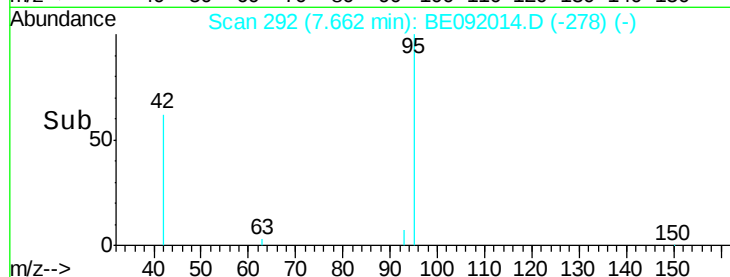
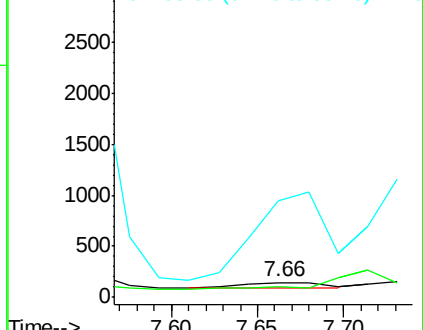
95 1547.5 25.5 38.3#



Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



#7

n-Nitroso-di-n-propylamine

Concen: 0.14 ng

RT: 8.94 min Scan# 362

Delta R.T. -0.06 min

Lab File: BE092014.D

Acq: 22 Jul 2016 20:07

Tgt Ion: 70 Resp: 851

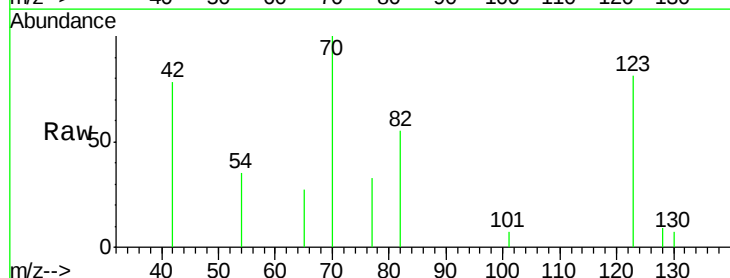
Ion Ratio Lower Upper

70 100

42 0.0 58.4 87.6#

101 0.0 6.4 9.6#

130 0.0 0.0 0.0

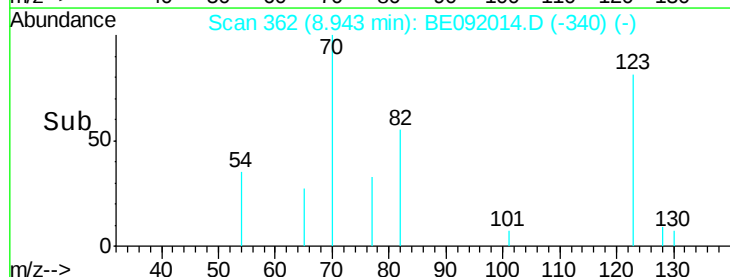
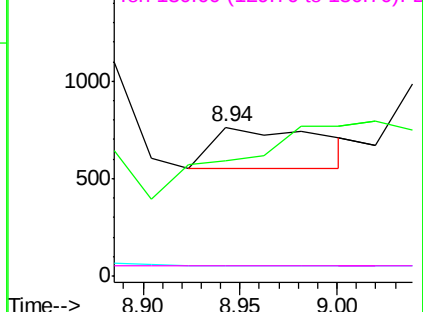


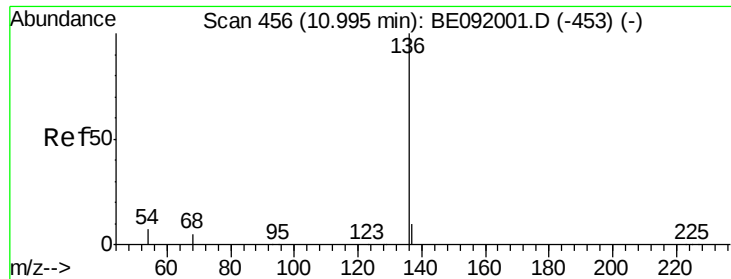
Abundance Ion 70.00 (69.70 to 70.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 101.00 (100.70 to 101.70): BE0

Ion 130.00 (129.70 to 130.70): BE0





#8

Naphthalene-d8

Concen: 5.00 ng

RT: 10.99 min Scan# 456

Delta R.T. -0.00 min

Lab File: BE092014.D

Acq: 22 Jul 2016 20:07

Instrument :

BNA_E

ClientSampleId :

GW-05-5.0-16.0

Tgt Ion:136 Resp: 127435

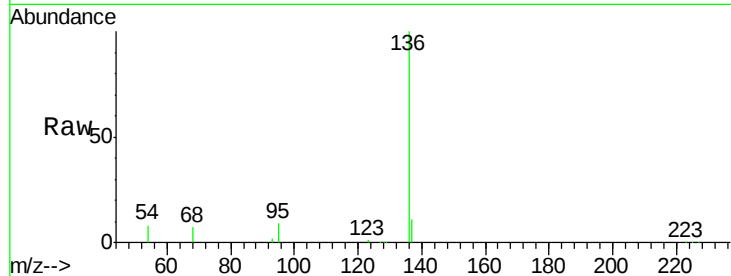
Ion Ratio Lower Upper

136 100

137 11.0 8.3 12.5

54 7.8 8.2 12.4#

68 6.9 5.9 8.9

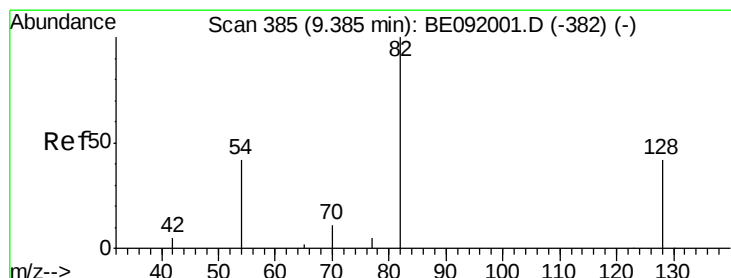
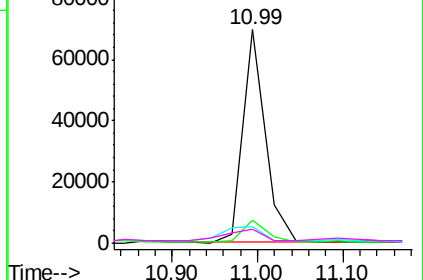
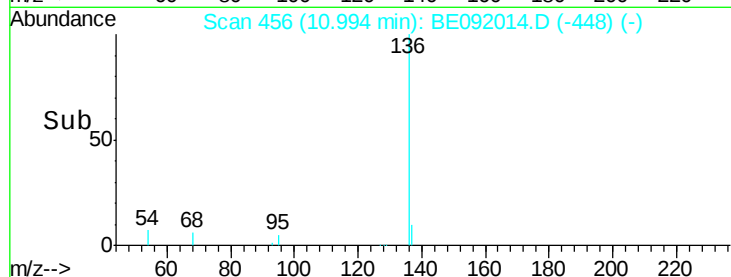


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#9

Nitrobenzene-d5

Concen: 3.25 ng

RT: 9.37 min Scan# 384

Delta R.T. -0.02 min

Lab File: BE092014.D

Acq: 22 Jul 2016 20:07

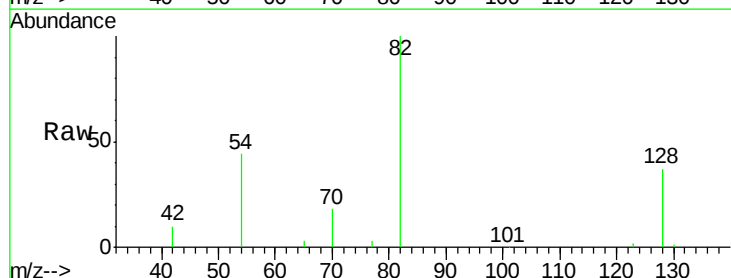
Tgt Ion: 82 Resp: 24949

Ion Ratio Lower Upper

82 100

128 37.1 39.5 59.3#

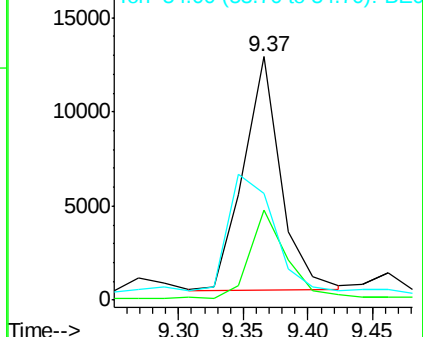
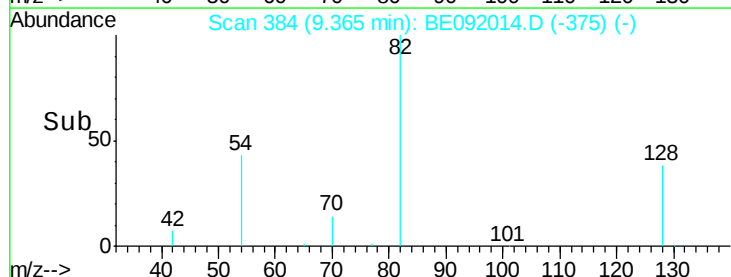
54 43.7 30.3 45.5

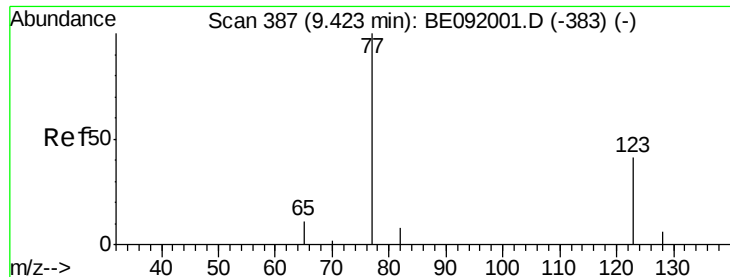


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#10

Nitrobenzene

Concen: 0.26 ng

RT: 9.38 min Scan# 385

Delta R.T. -0.04 min

Lab File: BE092014.D

Acq: 22 Jul 2016 20:07

Instrument :

BNA_E

ClientSampleId :

GW-05-5.0-16.0

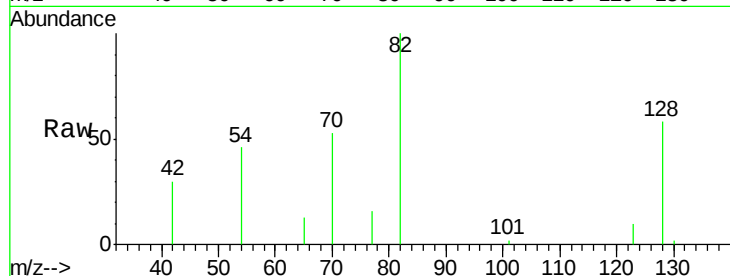
Tgt Ion: 77 Resp: 1463

Ion Ratio Lower Upper

77 100

123 51.5 0.0 0.0#

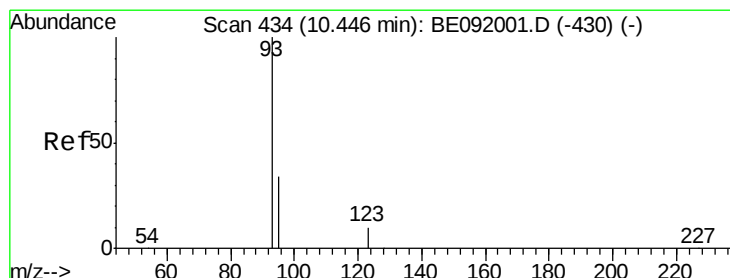
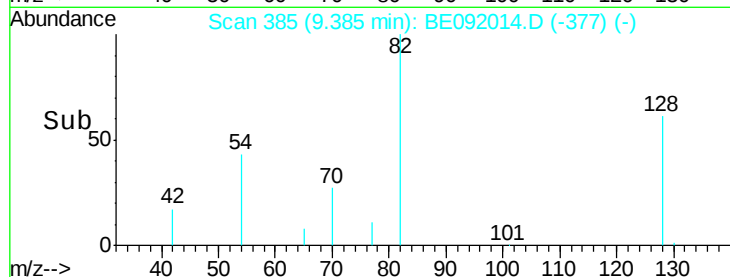
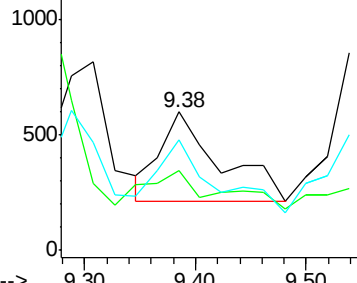
65 75.3 11.1 16.7#



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



#11

bis(2-Chloroethoxy)methane

Concen: 0.29 ng

RT: 10.55 min Scan# 438

Delta R.T. 0.10 min

Lab File: BE092014.D

Acq: 22 Jul 2016 20:07

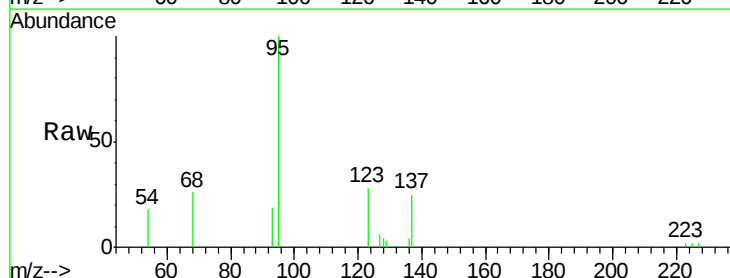
Tgt Ion: 93 Resp: 2786

Ion Ratio Lower Upper

93 100

95 0.0 57.6 86.4#

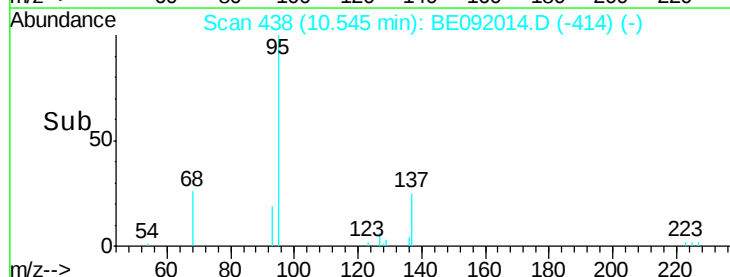
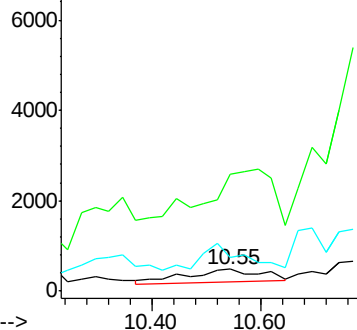
123 0.0 100.2 150.4#

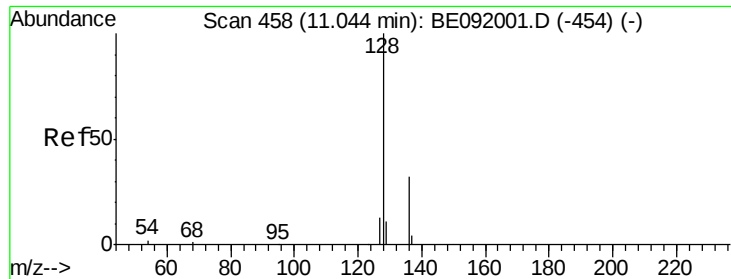


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 95.00 (94.70 to 95.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

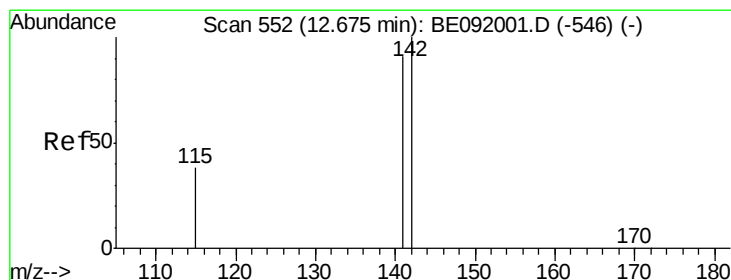
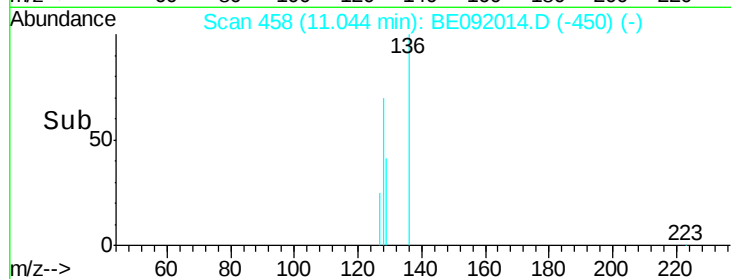
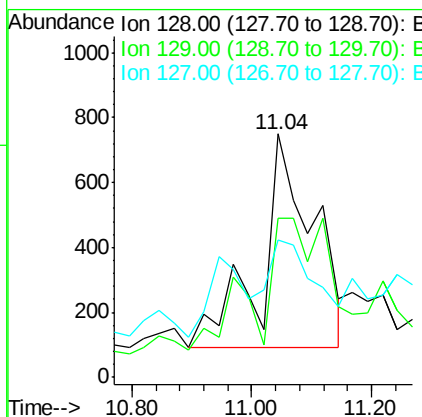
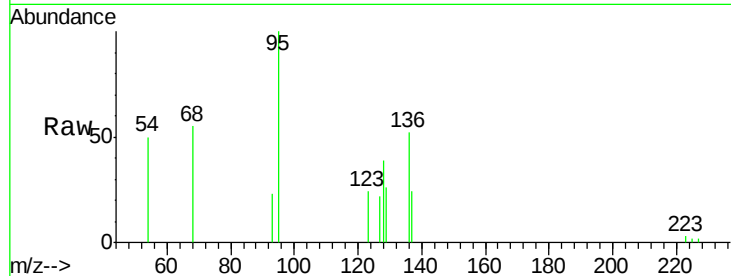




#12
Naphthalene
Concen: 0.14 ng
RT: 11.04 min Scan# 458
Delta R.T. -0.00 min
Lab File: BE092014.D
Acq: 22 Jul 2016 20:07

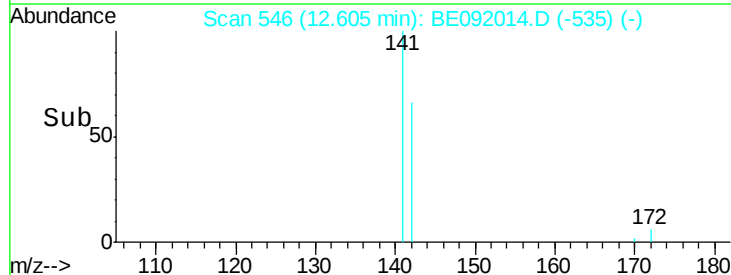
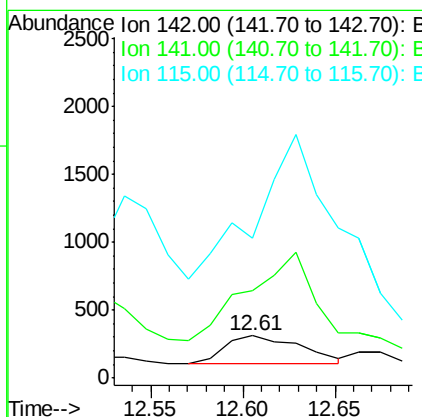
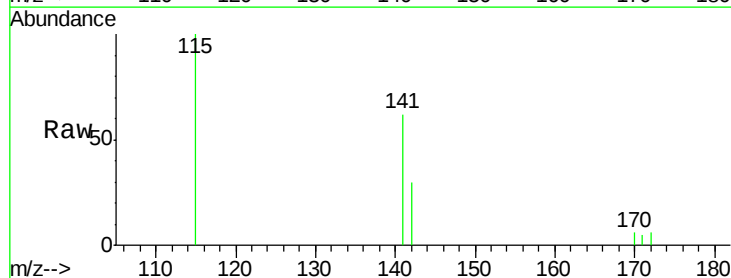
Instrument :
BNA_E
ClientSampleId :
GW-05-5.0-16.0

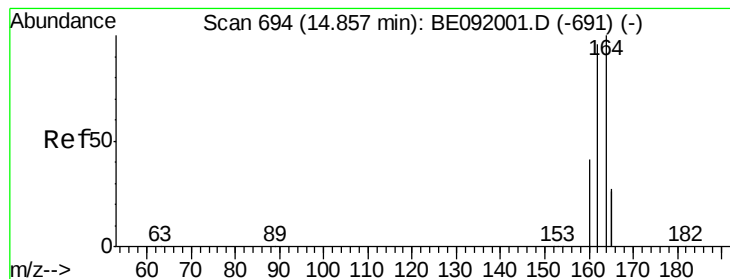
Tgt Ion:128 Resp: 4058
Ion Ratio Lower Upper
128 100
129 65.2 10.4 15.6#
127 56.5 10.2 15.2#



#14
2-Methylnaphthalene
Concen: 0.03 ng
RT: 12.61 min Scan# 546
Delta R.T. -0.07 min
Lab File: BE092014.D
Acq: 22 Jul 2016 20:07

Tgt Ion:142 Resp: 606
Ion Ratio Lower Upper
142 100
141 207.1 71.9 107.9#
115 331.5 29.9 44.9#





#15

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.86 min Scan# 694

Delta R.T. 0.00 min

Lab File: BE092014.D

Acq: 22 Jul 2016 20:07

Instrument :

BNA_E

ClientSampleId :

GW-05-5.0-16.0

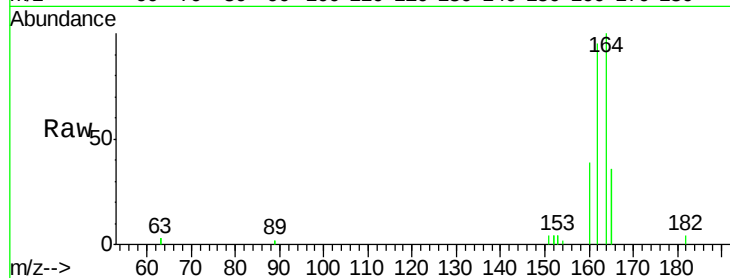
Tgt Ion:164 Resp: 89708

Ion Ratio Lower Upper

164 100

162 95.4 71.8 107.8

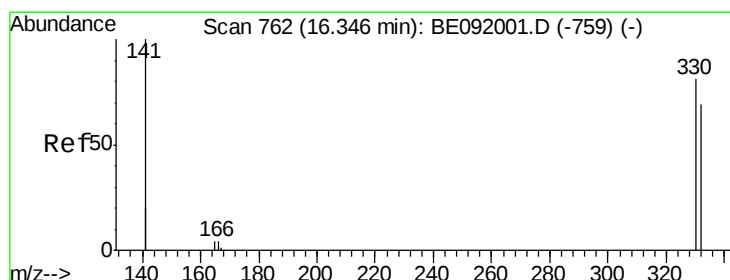
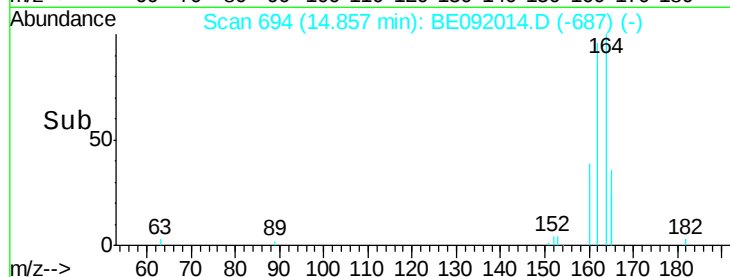
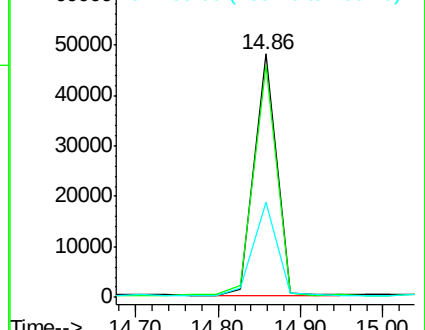
160 39.2 28.0 42.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#16

2,4,6-Tribromophenol

Concen: 5.53 ng

RT: 16.35 min Scan# 762

Delta R.T. -0.00 min

Lab File: BE092014.D

Acq: 22 Jul 2016 20:07

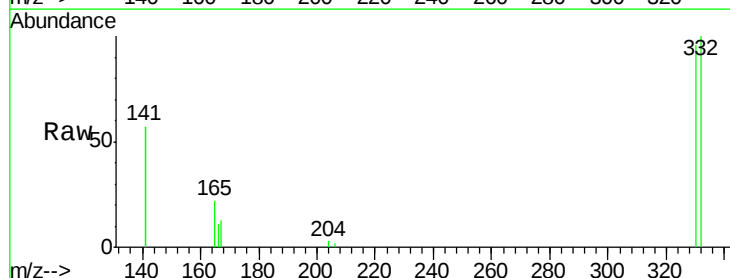
Tgt Ion:330 Resp: 17042

Ion Ratio Lower Upper

330 100

332 98.5 77.0 115.6

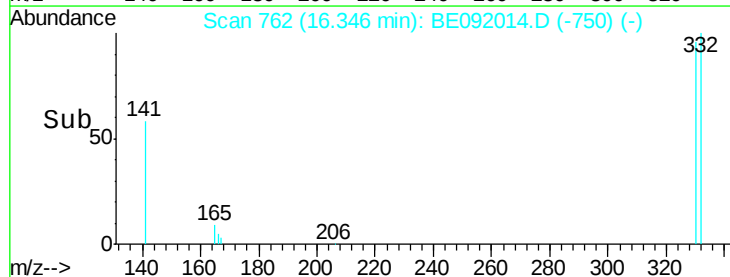
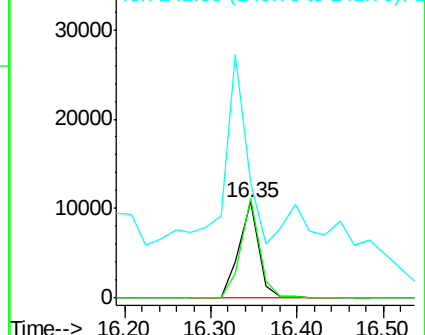
141 197.2 138.4 207.6

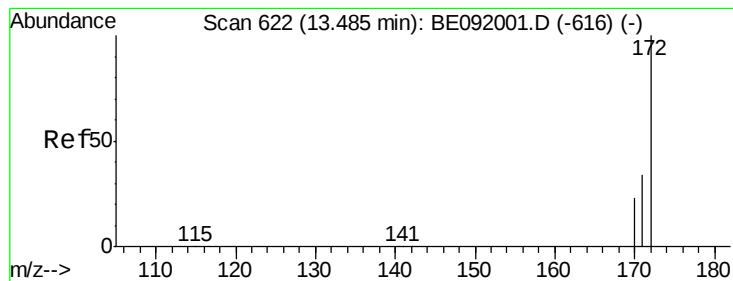


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

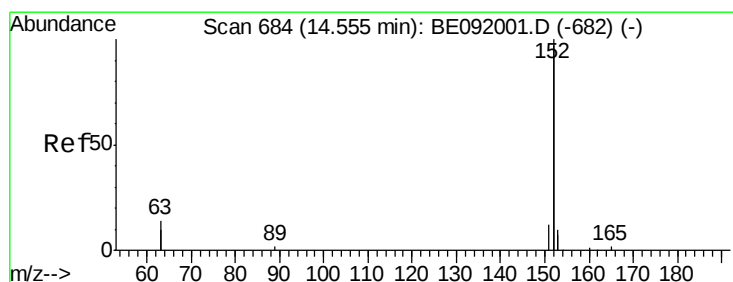
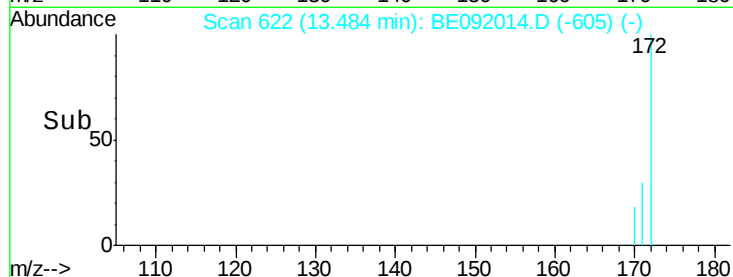
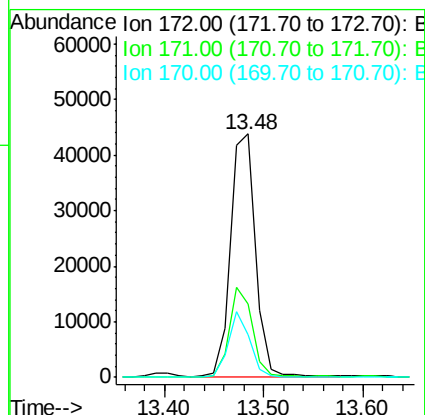
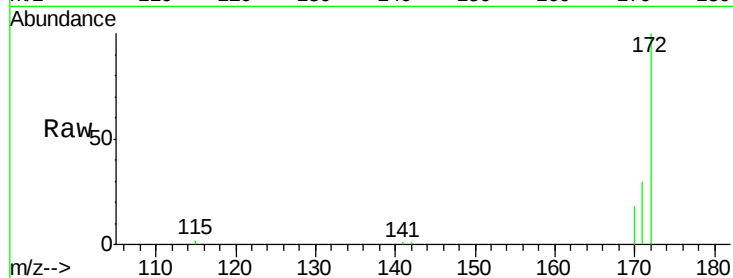




#17
2-Fluorobiphenyl
Concen: 3.22 ng
RT: 13.48 min Scan# 622
Delta R.T. -0.00 min
Lab File: BE092014.D
Acq: 22 Jul 2016 20:07

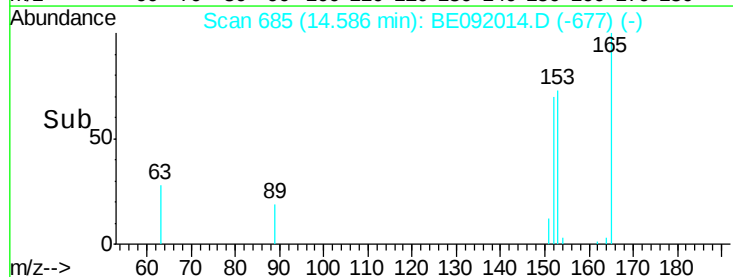
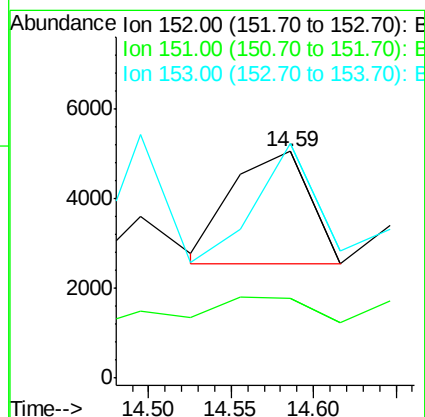
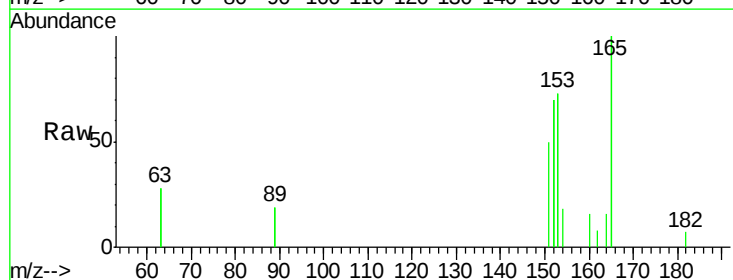
Instrument :
BNA_E
ClientSampleId :
GW-05-5.0-16.0

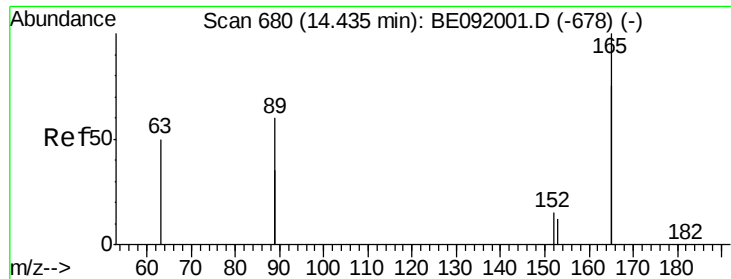
Tgt Ion:172 Resp: 75845
Ion Ratio Lower Upper
172 100
171 30.0 24.3 36.5
170 17.7 14.9 22.3



#18
Acenaphthylene
Concen: 0.06 ng
RT: 14.59 min Scan# 685
Delta R.T. 0.03 min
Lab File: BE092014.D
Acq: 22 Jul 2016 20:07

Tgt Ion:152 Resp: 8072
Ion Ratio Lower Upper
152 100
151 0.0 19.4 29.2#
153 54.0 14.4 21.6#

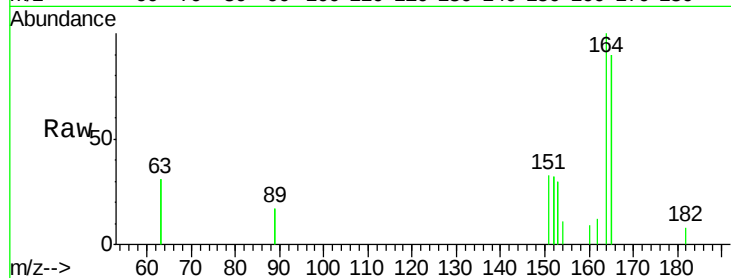




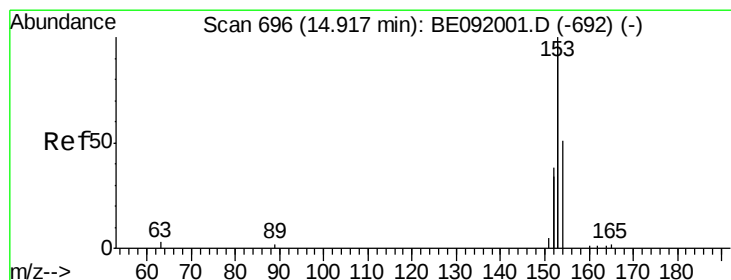
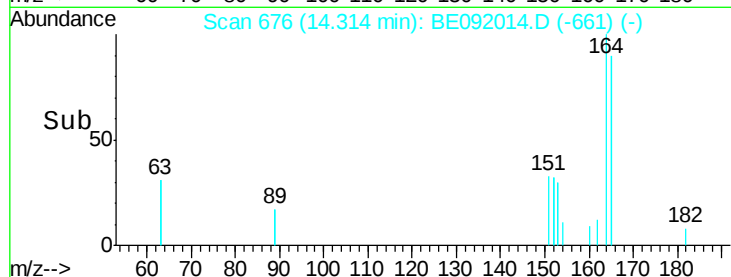
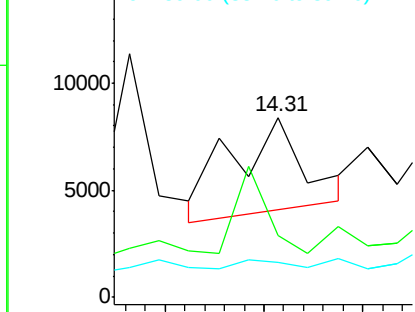
#19
2,6-Dinitrotoluene
Concen: 1.02 ng
RT: 14.31 min Scan# 676
Delta R.T. -0.12 min
Lab File: BE092014.D
Acq: 22 Jul 2016 20:07

Instrument :
BNA_E
ClientSampleId :
GW-05-5.0-16.0

Tgt Ion:165 Resp: 22696
Ion Ratio Lower Upper
165 100
63 0.0 65.9 98.9#
89 0.0 59.1 88.7#

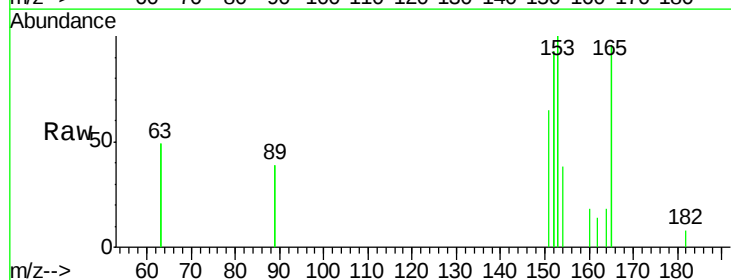


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BE0
Ion 89.00 (88.70 to 89.70): BE0

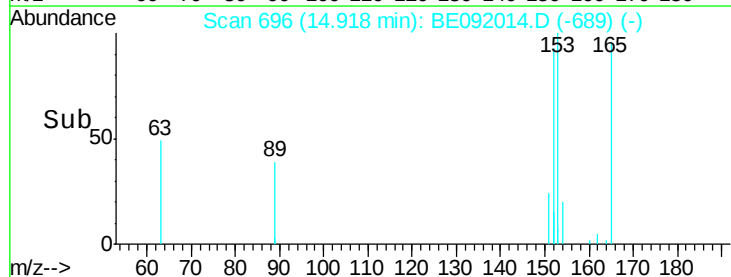
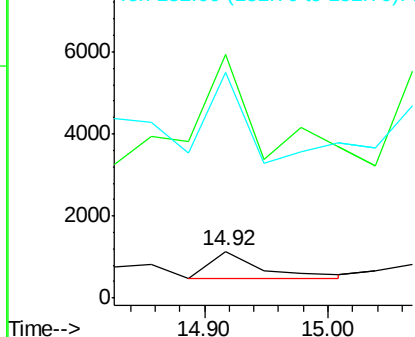


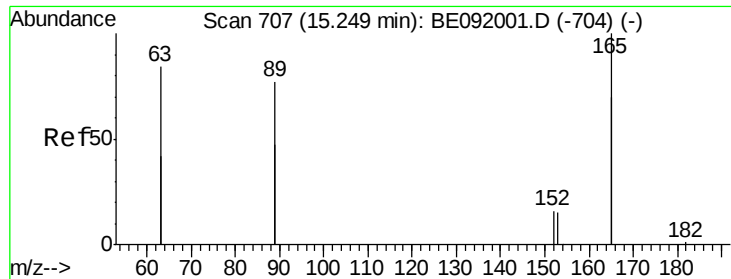
#20
Acenaphthene
Concen: 0.08 ng
RT: 14.92 min Scan# 696
Delta R.T. 0.00 min
Lab File: BE092014.D
Acq: 22 Jul 2016 20:07

Tgt Ion:154 Resp: 1856
Ion Ratio Lower Upper
154 100
153 1077.3 88.1 132.1#
152 0.0 44.2 66.2#



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

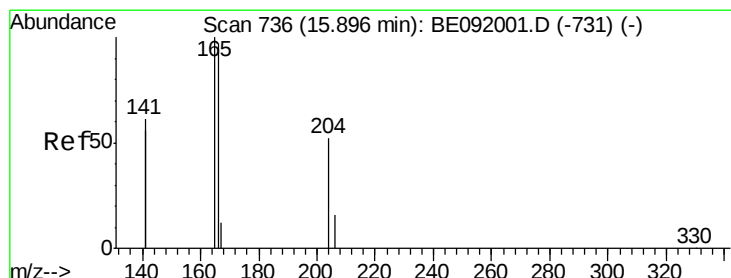
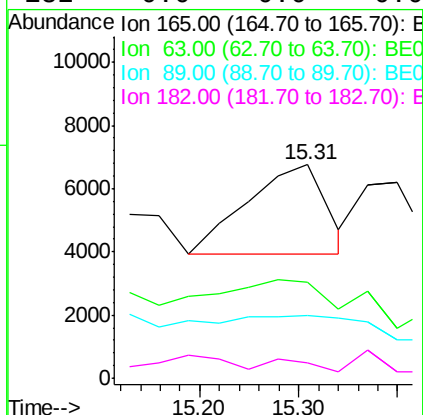
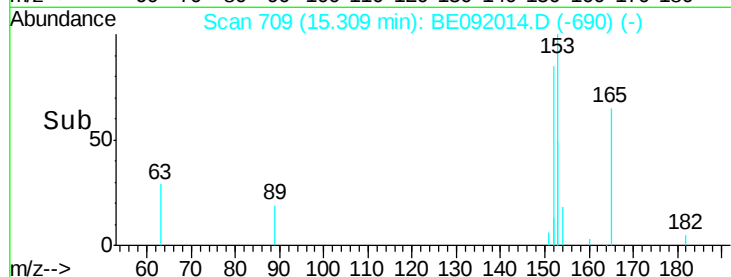
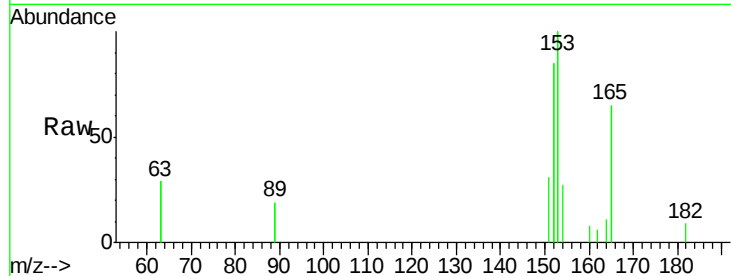




#21
2,4-Dinitrotoluene
Concen: 0.99 ng
RT: 15.31 min Scan# 709
Delta R.T. 0.06 min
Lab File: BE092014.D
Acq: 22 Jul 2016 20:07

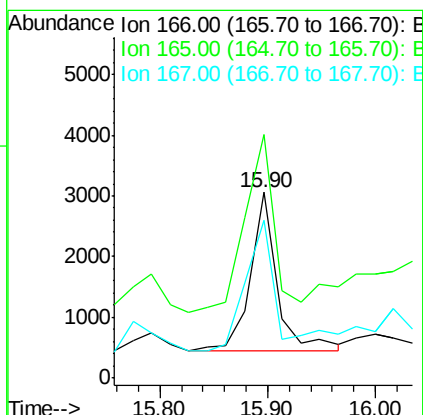
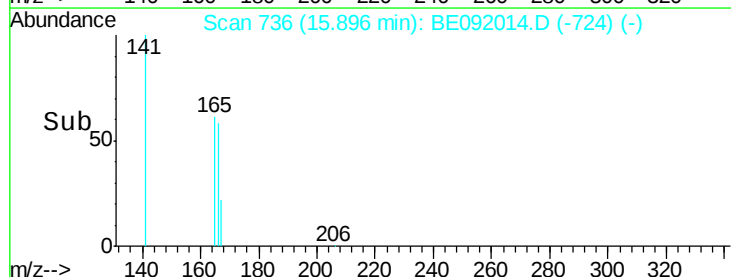
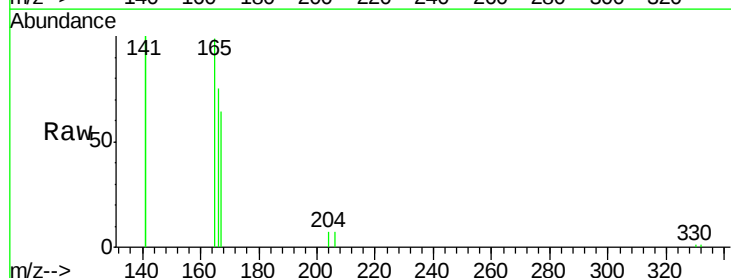
Instrument :
BNA_E
ClientSampleId :
GW-05-5.0-16.0

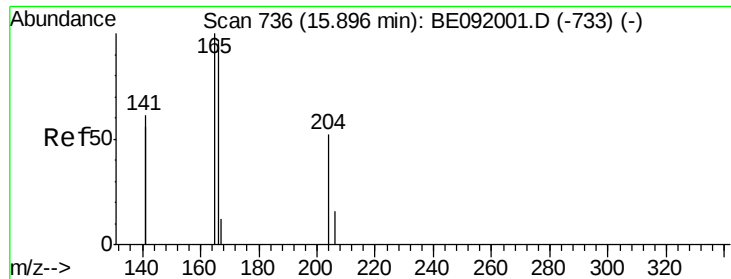
Tgt Ion:165 Resp: 15731
Ion Ratio Lower Upper
165 100
63 0.0 0.0 0.0
89 0.0 99.8 149.8#
182 0.0 0.0 0.0



#22
Fluorene
Concen: 0.16 ng
RT: 15.90 min Scan# 736
Delta R.T. -0.00 min
Lab File: BE092014.D
Acq: 22 Jul 2016 20:07

Tgt Ion:166 Resp: 4439
Ion Ratio Lower Upper
166 100
165 124.0 78.6 117.8#
167 90.0 10.8 16.2#

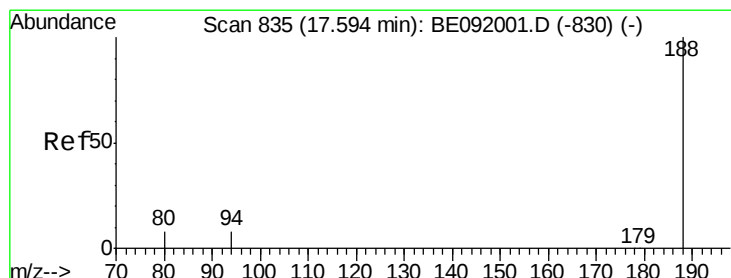
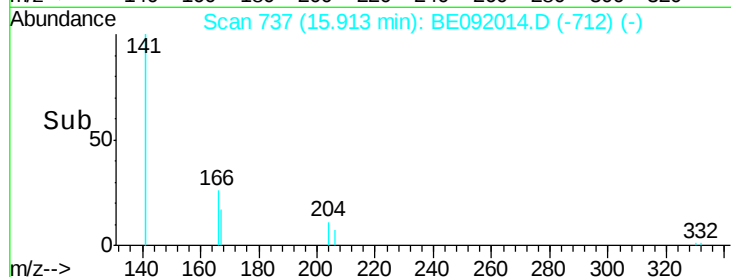
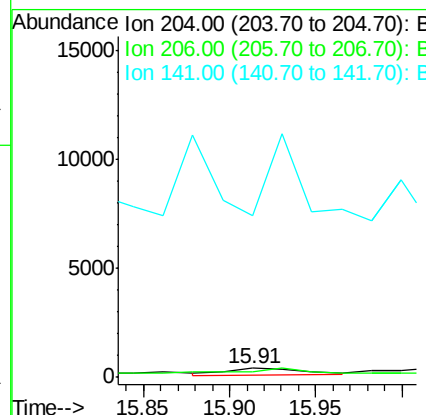
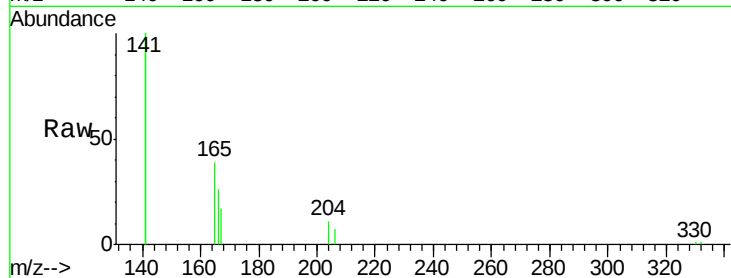




#23
 4-Chlorophenyl-phenylether
 Concen: 0.07 ng
 RT: 15.91 min Scan# 737
 Delta R.T. 0.02 min
 Lab File: BE092014.D
 Acq: 22 Jul 2016 20:07

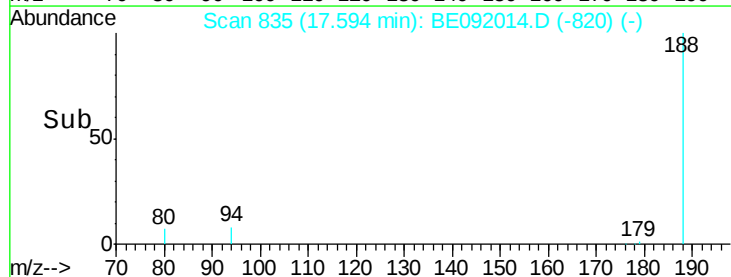
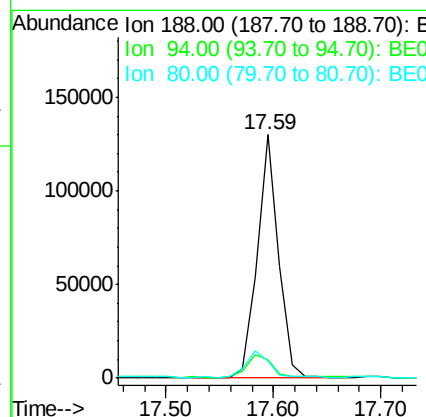
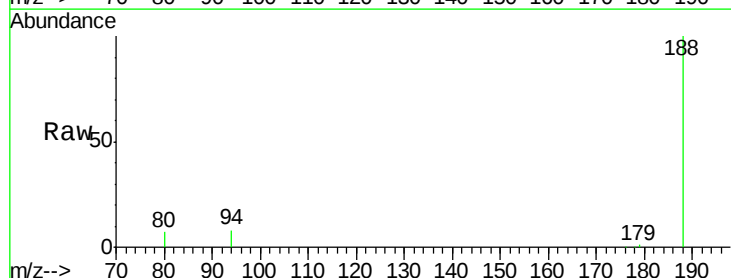
Instrument :
 BNA_E
 ClientSampleId :
 GW-05-5.0-16.0

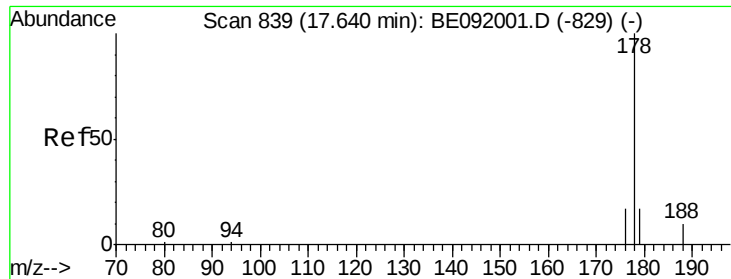
Tgt Ion: 204 Resp: 945
 Ion Ratio Lower Upper
 204 100
 206 71.3 27.8 41.6#
 141 0.0 197.6 296.4#



#24
 Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.59 min Scan# 835
 Delta R.T. 0.00 min
 Lab File: BE092014.D
 Acq: 22 Jul 2016 20:07

Tgt Ion: 188 Resp: 177768
 Ion Ratio Lower Upper
 188 100
 94 7.8 4.1 6.1#
 80 7.0 3.4 5.2#

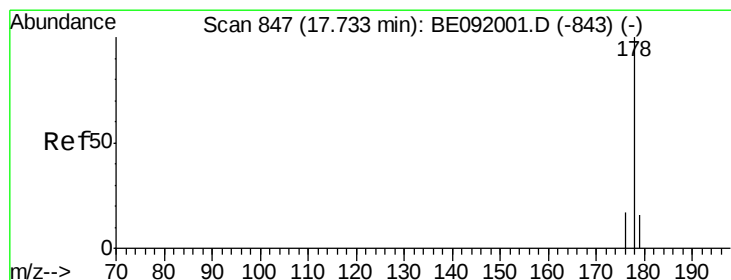
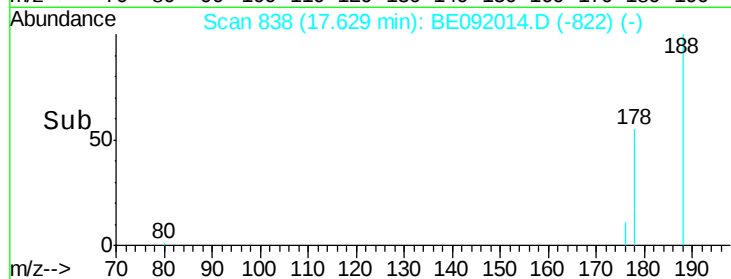
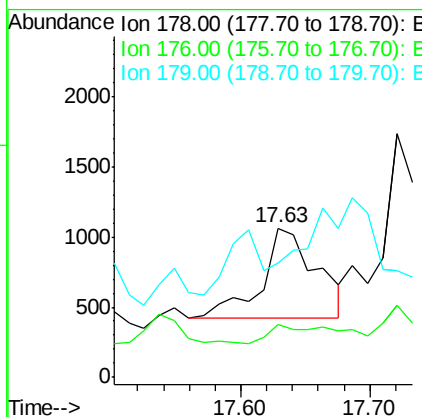
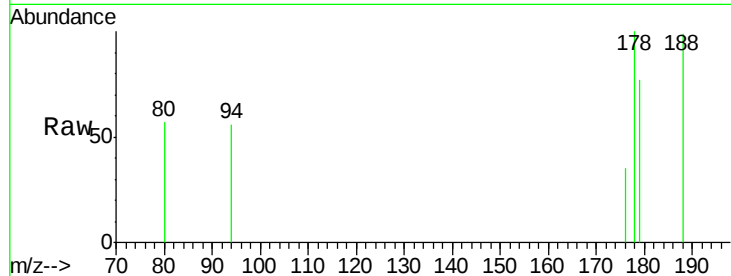




#28
Phenanthrene
Concen: 0.04 ng
RT: 17.63 min Scan# 838
Delta R.T. -0.01 min
Lab File: BE092014.D
Acq: 22 Jul 2016 20:07

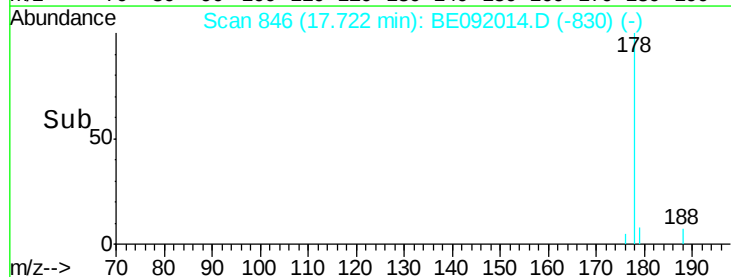
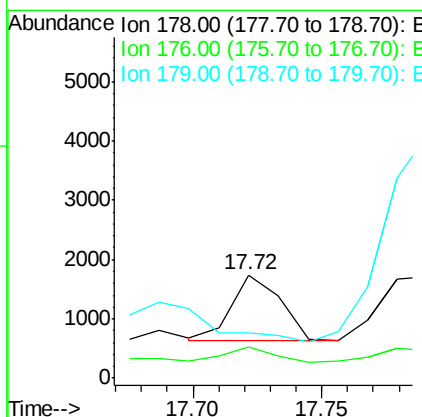
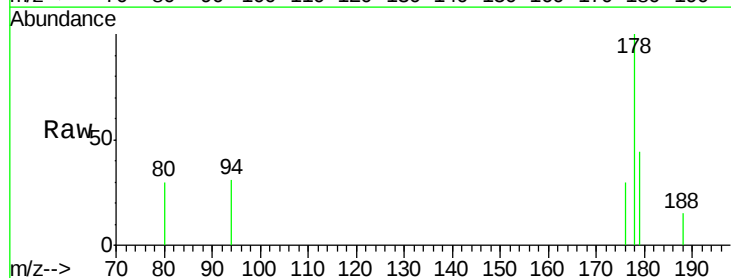
Instrument :
BNA_E
ClientSampleId :
GW-05-5.0-16.0

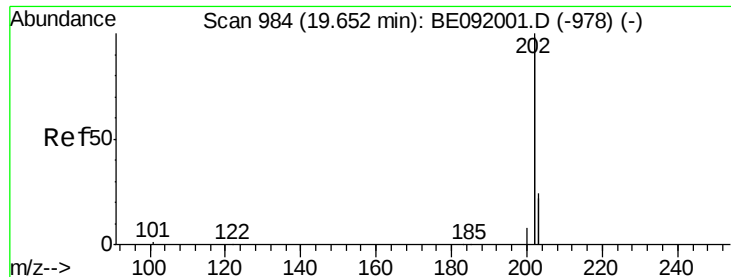
Tgt Ion:178 Resp: 1932
Ion Ratio Lower Upper
178 100
176 11.7 15.4 23.2#
179 0.0 12.9 19.3#



#29
Anthracene
Concen: 0.03 ng
RT: 17.72 min Scan# 846
Delta R.T. -0.01 min
Lab File: BE092014.D
Acq: 22 Jul 2016 20:07

Tgt Ion:178 Resp: 1452
Ion Ratio Lower Upper
178 100
176 22.6 15.1 22.7
179 0.0 12.1 18.1#

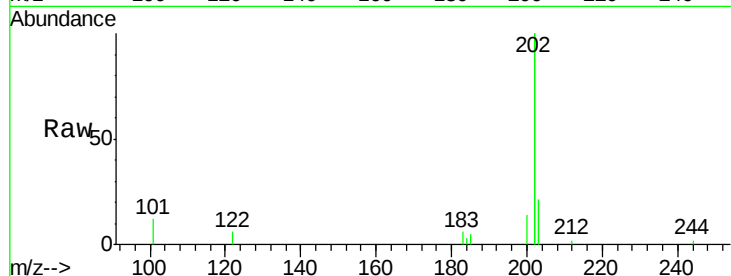




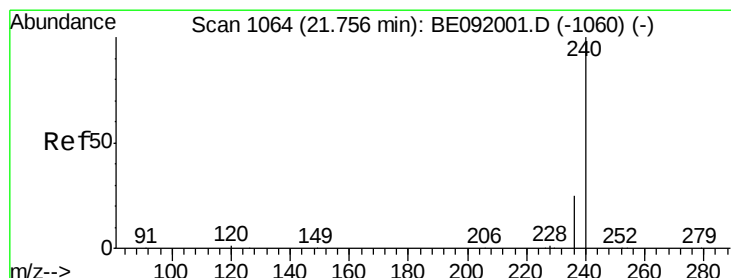
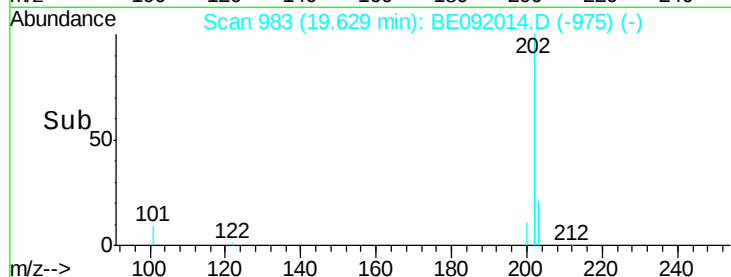
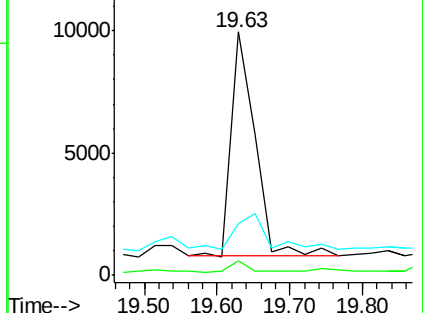
#30
 Fluoranthene
 Concen: 0.11 ng
 RT: 19.63 min Scan# 983
 Delta R.T. -0.02 min
 Lab File: BE092014.D
 Acq: 22 Jul 2016 20:07

Instrument :
 BNA_E
 ClientSampleId :
 GW-05-5.0-16.0

Tgt Ion: 202 Resp: 20758
 Ion Ratio Lower Upper
 202 100
 101 3.8 9.4 14.0#
 203 0.0 14.3 21.5#

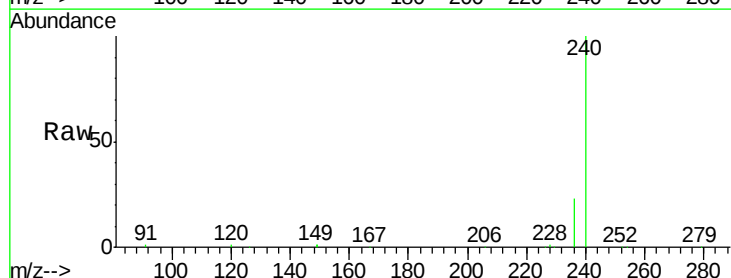


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

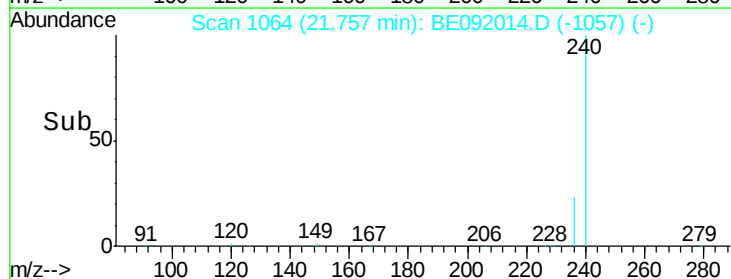
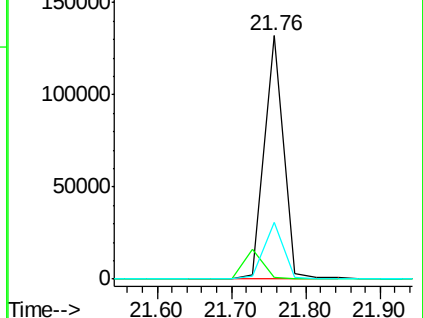


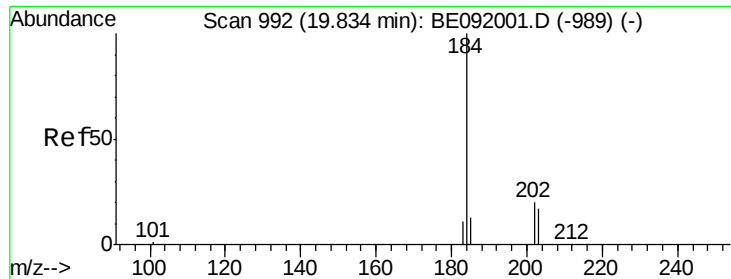
#31
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.76 min Scan# 1064
 Delta R.T. 0.00 min
 Lab File: BE092014.D
 Acq: 22 Jul 2016 20:07

Tgt Ion: 240 Resp: 238418
 Ion Ratio Lower Upper
 240 100
 120 0.9 1.2 1.8#
 236 23.1 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

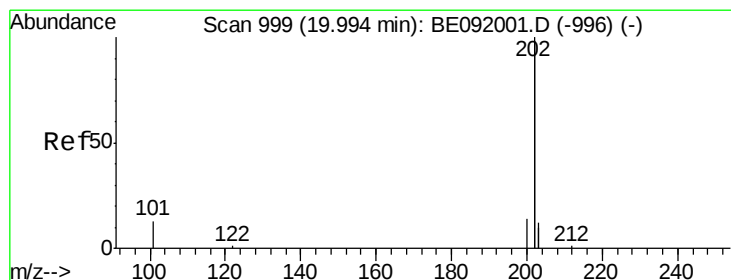
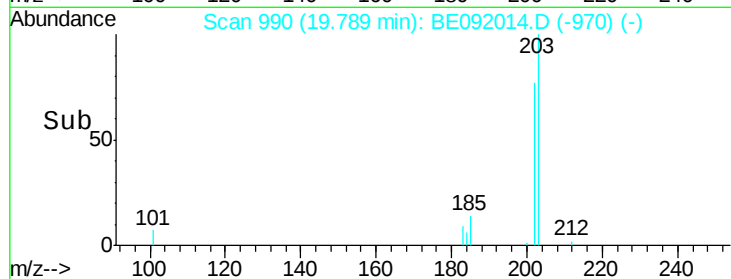
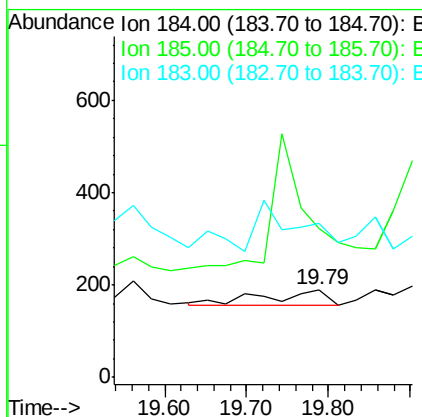
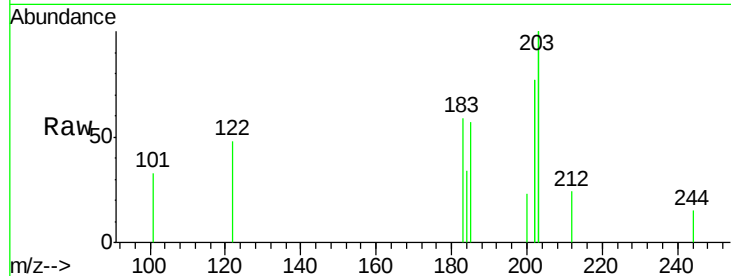




#32
Benzidine
Concen: 0.20 ng
RT: 19.79 min Scan# 990
Delta R.T. -0.05 min
Lab File: BE092014.D
Acq: 22 Jul 2016 20:07

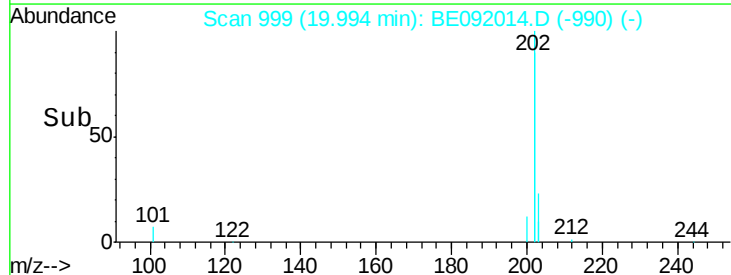
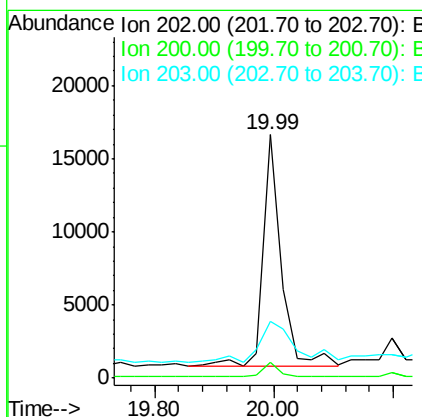
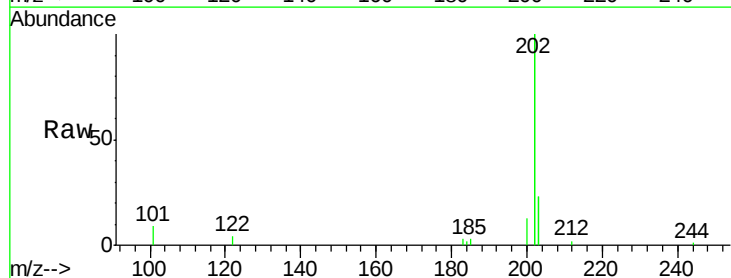
Instrument :
BNA_E
ClientSampleId :
GW-05-5.0-16.0

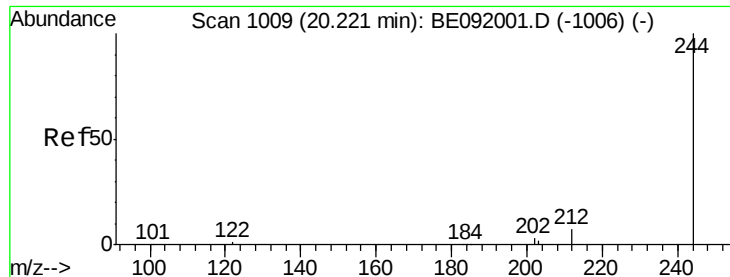
Tgt Ion:184 Resp: 163
Ion Ratio Lower Upper
184 100
185 169.5 11.4 17.2#
183 175.3 11.8 17.6#



#33
Pyrene
Concen: 0.20 ng
RT: 19.99 min Scan# 999
Delta R.T. -0.00 min
Lab File: BE092014.D
Acq: 22 Jul 2016 20:07

Tgt Ion:202 Resp: 34193
Ion Ratio Lower Upper
202 100
200 5.4 16.9 25.3#
203 34.5 14.1 21.1#





#34

Terphenyl-d14

Concen: 5.27 ng

RT: 20.20 min Scan# 1008

Delta R.T. -0.02 min

Lab File: BE092014.D

Acq: 22 Jul 2016 20:07

Instrument :

BNA_E

ClientSampleId :

GW-05-5.0-16.0

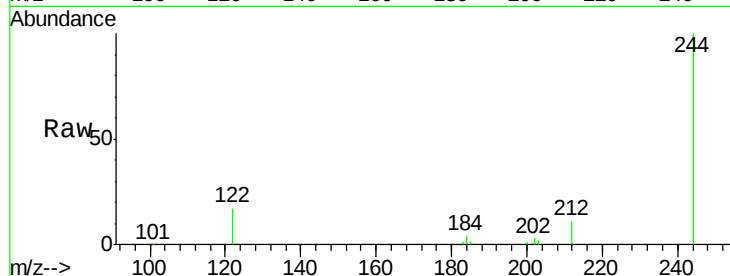
Tgt Ion:244 Resp: 126114

Ion Ratio Lower Upper

244 100

212 10.8 6.5 9.7#

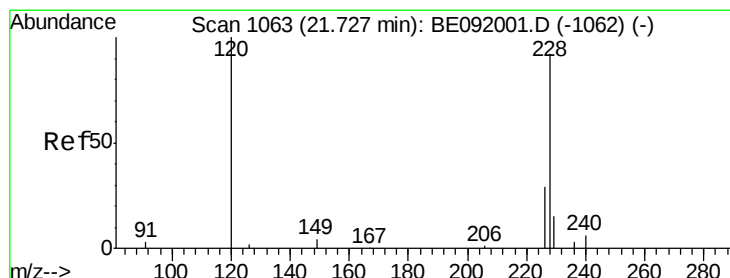
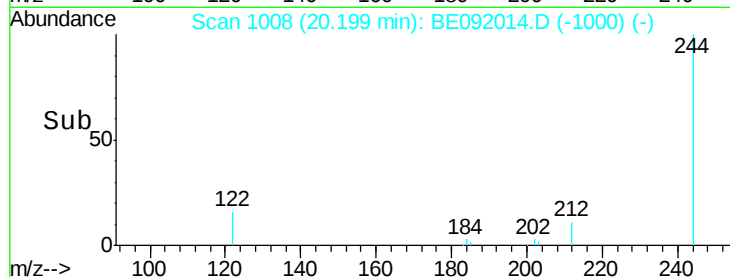
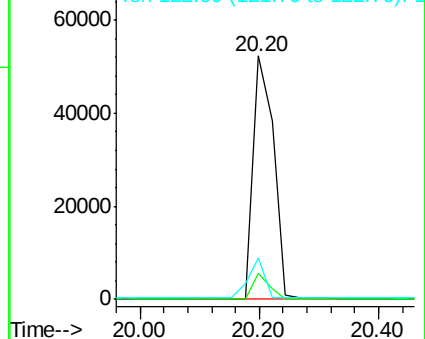
122 17.0 2.9 4.3#



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



#35

Benzo(a)anthracene

Concen: 0.11 ng

RT: 21.73 min Scan# 1063

Delta R.T. 0.00 min

Lab File: BE092014.D

Acq: 22 Jul 2016 20:07

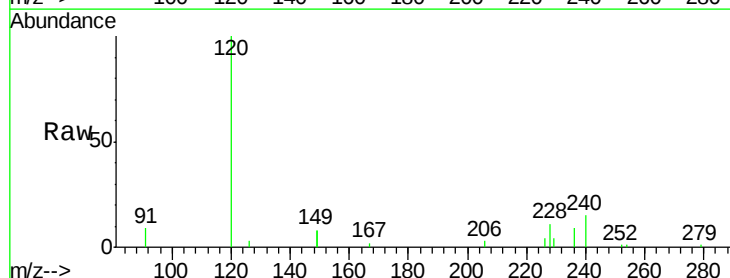
Tgt Ion:228 Resp: 5758

Ion Ratio Lower Upper

228 100

226 34.8 21.0 31.4#

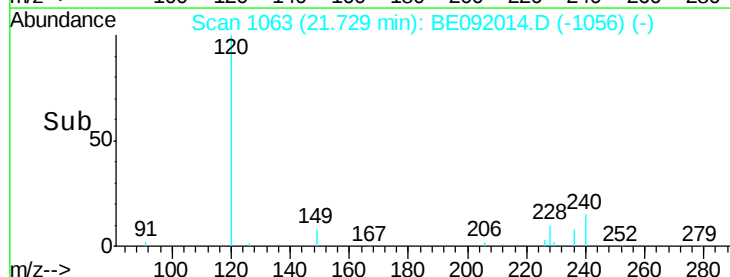
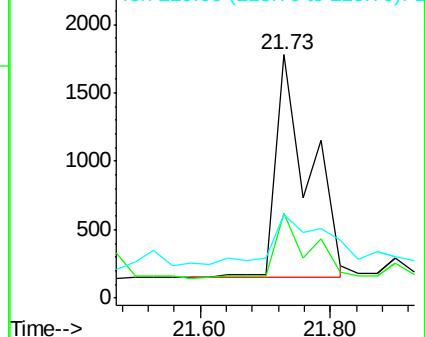
229 34.5 15.8 23.8#

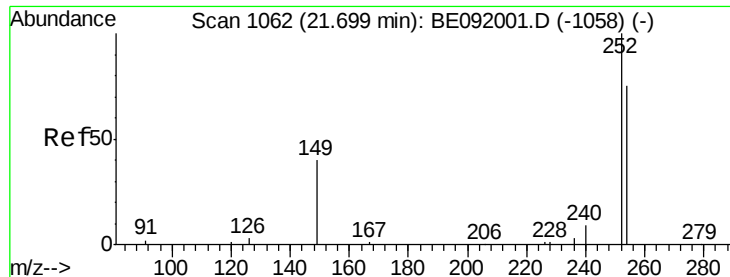


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

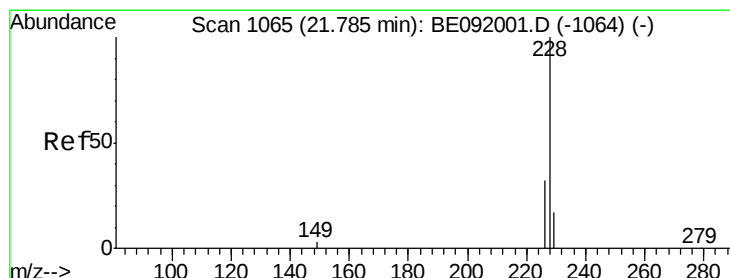
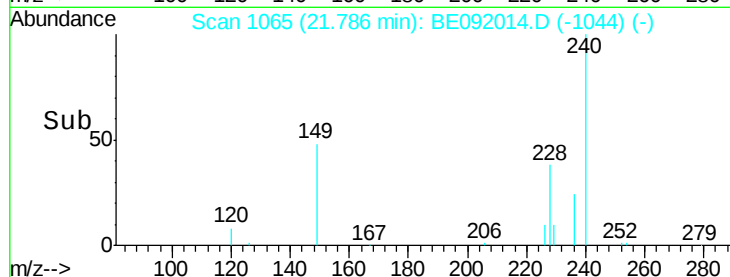
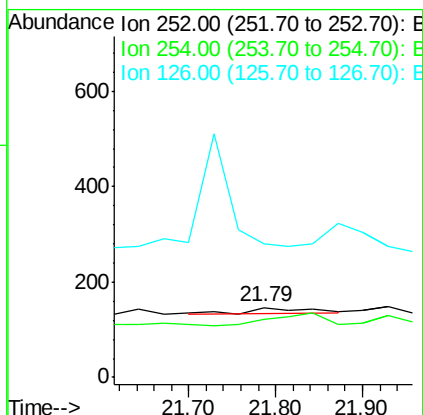
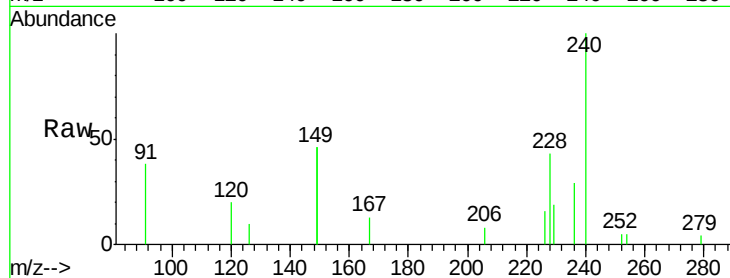




#36
 3,3'-Dichlorobenzidine
 Concen: 0.03 ng
 RT: 21.79 min Scan# 1065
 Delta R.T. 0.09 min
 Lab File: BE092014.D
 Acq: 22 Jul 2016 20:07

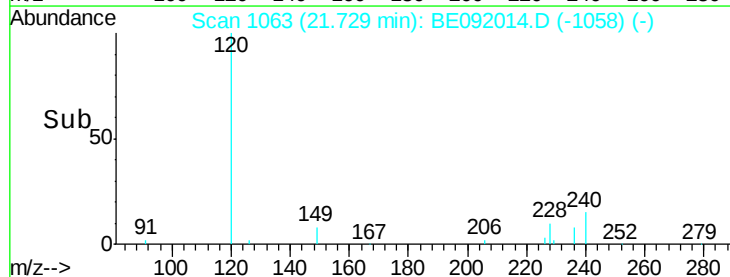
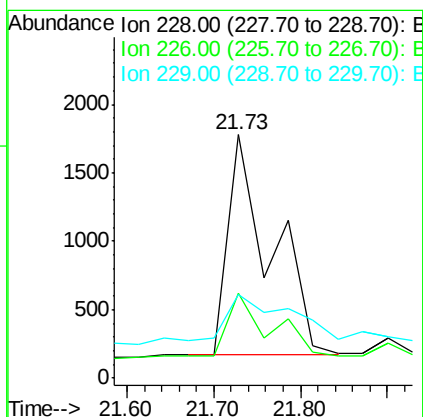
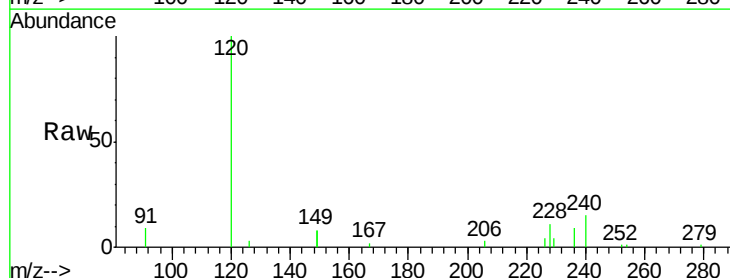
Instrument :
 BNA_E
 ClientSampleId :
 GW-05-5.0-16.0

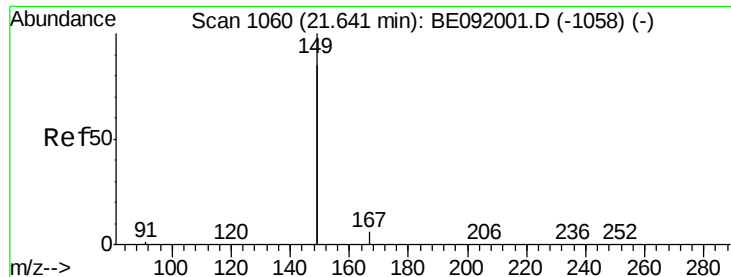
Tgt Ion: 252 Resp: 60
 Ion Ratio Lower Upper
 252 100
 254 83.0 61.5 92.3
 126 189.8 2.5 3.7#



#37
 Chrysene
 Concen: 0.09 ng
 RT: 21.73 min Scan# 1063
 Delta R.T. -0.06 min
 Lab File: BE092014.D
 Acq: 22 Jul 2016 20:07

Tgt Ion: 228 Resp: 5581
 Ion Ratio Lower Upper
 228 100
 226 34.8 27.0 40.6
 229 34.5 13.8 20.8#

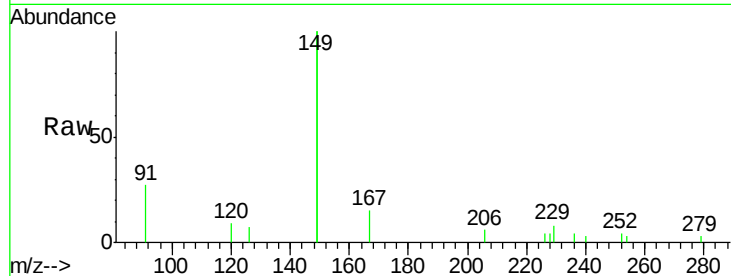




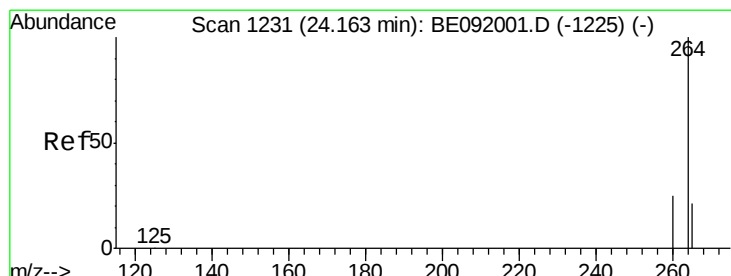
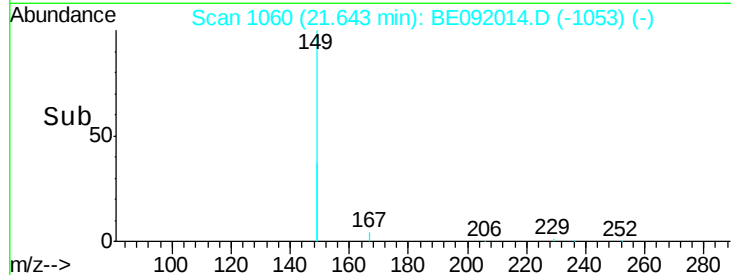
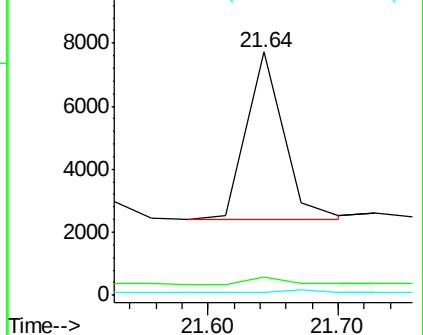
#38
 Bis(2-ethylhexyl)phthalate
 Concen: 0.29 ng
 RT: 21.64 min Scan# 1060
 Delta R.T. 0.00 min
 Lab File: BE092014.D
 Acq: 22 Jul 2016 20:07

Instrument :
 BNA_E
 ClientSampleId :
 GW-05-5.0-16.0

Tgt Ion:149 Resp: 10344
 Ion Ratio Lower Upper
 149 100
 167 4.6 0.0 0.0#
 279 0.0 0.0 0.0

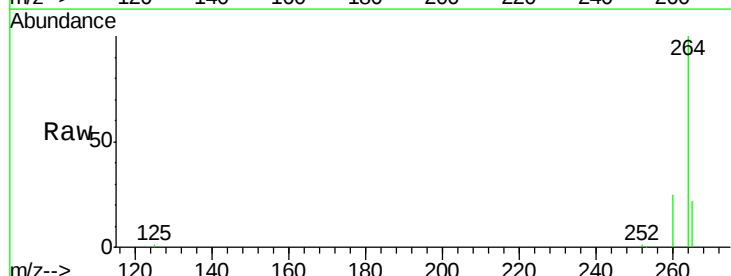


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

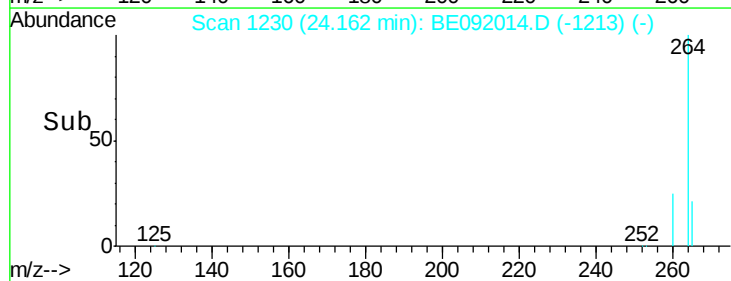
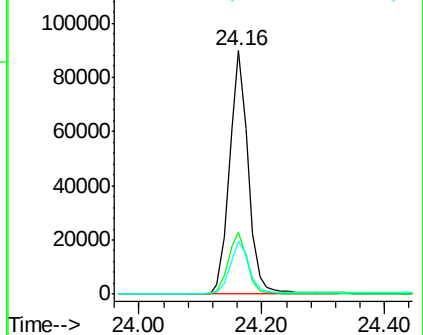


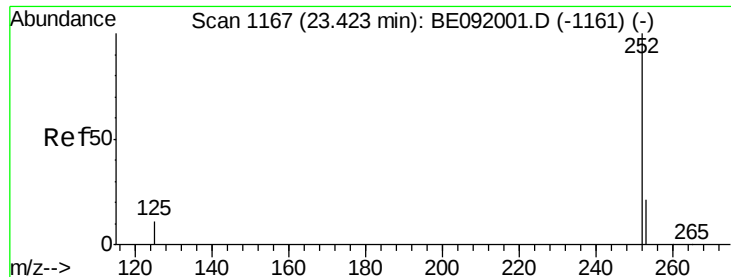
#40
 Perylene-d12
 Concen: 5.00 ng
 RT: 24.16 min Scan# 1230
 Delta R.T. -0.00 min
 Lab File: BE092014.D
 Acq: 22 Jul 2016 20:07

Tgt Ion:264 Resp: 189926
 Ion Ratio Lower Upper
 264 100
 260 25.2 20.3 30.5
 265 21.7 17.6 26.4



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





#41

Benzo(b)fluoranthene

Concen: 0.04 ng

RT: 23.42 min Scan# 1166

Delta R.T. -0.00 min

Lab File: BE092014.D

Acq: 22 Jul 2016 20:07

Instrument :

BNA_E

ClientSampleId :

GW-05-5.0-16.0

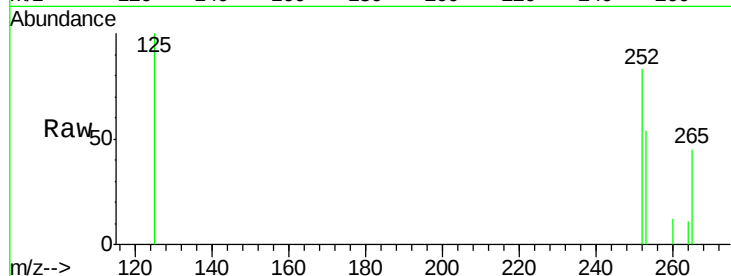
Tgt Ion:252 Resp: 1983

Ion Ratio Lower Upper

252 100

253 65.3 17.8 26.6#

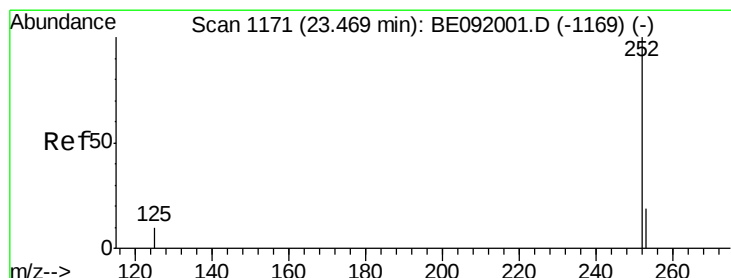
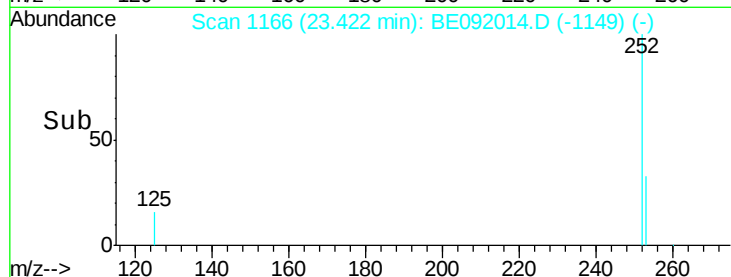
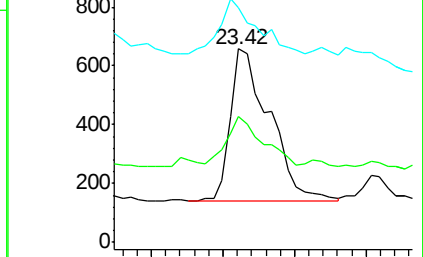
125 121.1 9.4 14.2#



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



#42

Benzo(k)fluoranthene

Concen: 0.04 ng

RT: 23.42 min Scan# 1166

Delta R.T. -0.05 min

Lab File: BE092014.D

Acq: 22 Jul 2016 20:07

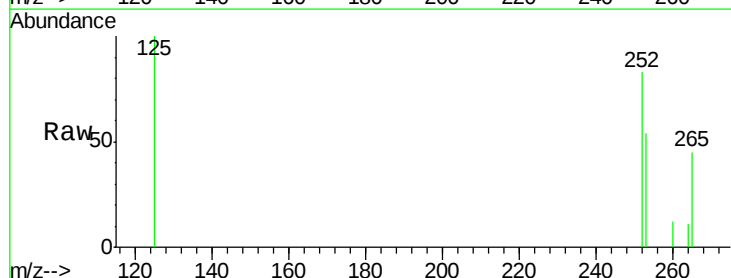
Tgt Ion:252 Resp: 1983

Ion Ratio Lower Upper

252 100

253 65.3 19.4 29.2#

125 121.1 8.3 12.5#



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

