

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081116\
 Data File : BE092265.D
 Acq On : 11 Aug 2016 14:01
 Operator : UM/SJ
 Sample : H4221-22MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 GW-44-8.6-15.OMS

Quant Time: Aug 11 16:22:34 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 10 11:12:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	14229	5.00	ng	0.00
7) Naphthalene-d8	10.97	136	65088	5.00	ng	0.00
12) Acenaphthene-d10	14.83	164	35367	5.00	ng	0.00
18) Phenanthrene-d10	17.56	188	86189	5.00	ng	0.00
24) Chrysene-d12	21.73	240	83625	5.00	ng	-0.02
31) Perylene-d12	24.13	264	92694	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.69	112	13687	4.40	ng	-0.01
5) Phenol-d6	7.34	99	12765	2.85	ng	-0.02
8) Nitrobenzene-d5	9.32	82	17319	3.77	ng	-0.05
13) 2,4,6-Tribromophenol	16.32	330	7990	5.85	ng	-0.01
14) 2-Fluorobiphenyl	13.46	172	38726	3.54	ng	-0.01
26) Terphenyl-d14	20.19	244	60871	4.31	ng	0.00

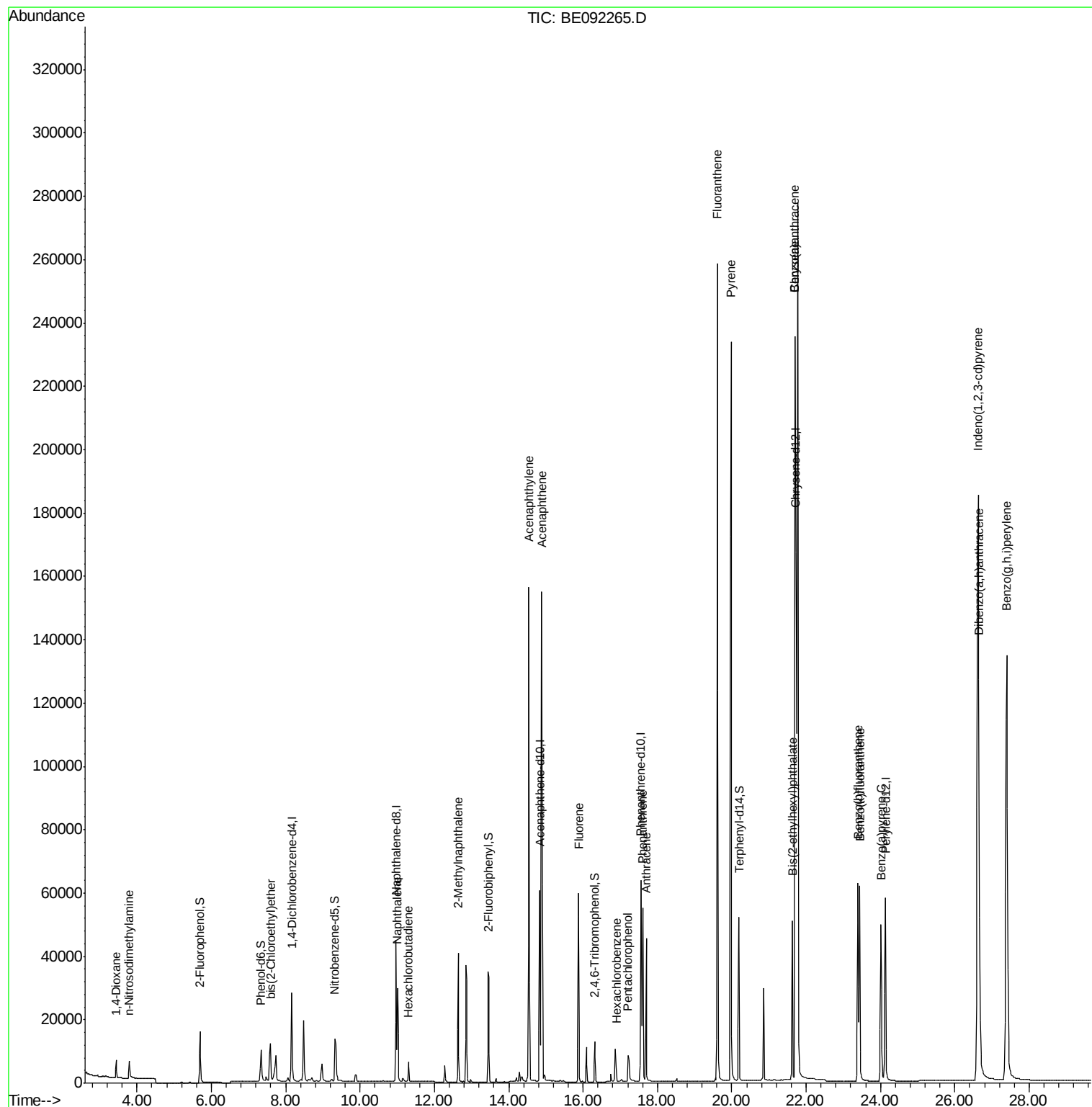
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.43	88	3390	2.07	ng	96
3) n-Nitrosodimethylamine	3.78	42	5253	2.09	ng	# 98
6) bis(2-Chloroethyl)ether	7.59	93	13123	3.62	ng	# 33
9) Naphthalene	11.01	128	45315	3.11	ng	# 95
10) Hexachlorobutadiene	11.30	225	5803	2.75	ng	98
11) 2-Methylnaphthalene	12.64	142	30915	3.39	ng	96
15) Acenaphthylene	14.54	152	203013	3.32	ng	99
16) Acenaphthene	14.88	154	30619	3.12	ng	97
17) Fluorene	15.88	166	40733	3.43	ng	99
19) Hexachlorobenzene	16.89	284	10285	3.01	ng	# 100
20) Pentachlorophenol	17.21	266	9716	9.10	ng	# 82
21) Phenanthrene	17.60	178	69479	3.12	ng	100
22) Anthracene	17.70	178	62297	3.09	ng	98
23) Fluoranthene	19.61	202	331465	3.74	ng	99
25) Pyrene	19.99	202	345927	3.50	ng	98
27) Benzo(a)anthracene	21.70	228	376603	3.75	ng	# 64
28) Chrysene	21.70	228	376603	4.06	ng	# 71
29) Bis(2-ethylhexyl)phthalate	21.63	149	54928	3.37	ng	# 96
30) Indeno(1,2,3-cd)pyrene	26.63	276	382297	3.83	ng	99
32) Benzo(b)fluoranthene	23.39	252	93831	3.86	ng	# 96
33) Benzo(k)fluoranthene	23.44	252	84229	3.43	ng	# 96
34) Benzo(a)pyrene	24.02	252	82669	3.60	ng	# 93
35) Dibenzo(a,h)anthracene	26.65	278	80098	3.75	ng	# 92
36) Benzo(g,h,i)perylene	27.40	276	330679	3.60	ng	94

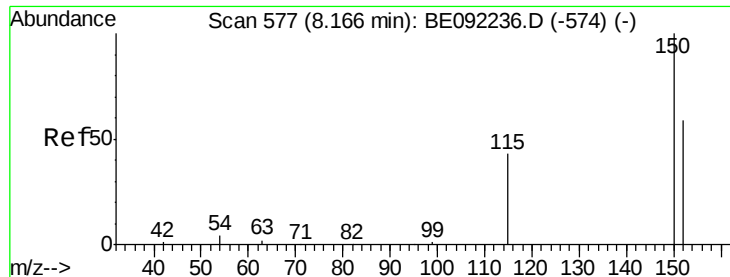
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081116\
Data File : BE092265.D
Acq On : 11 Aug 2016 14:01
Operator : UM/SJ
Sample : H4221-22MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
GW-44-8.6-15.0MS

Quant Time: Aug 11 16:22:34 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 10 11:12:32 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.17 min Scan# 577

Delta R.T. -0.00 min

Lab File: BE092265.D

Acq: 11 Aug 2016 14:01

Instrument :

BNA_E

ClientSampleId :

GW-44-8.6-15.0MS

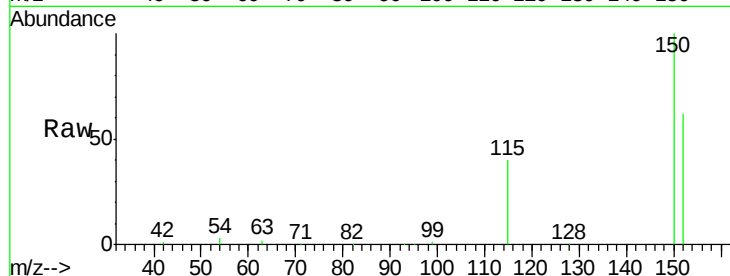
Tgt Ion:152 Resp: 14229

Ion Ratio Lower Upper

152 100

150 161.6 135.6 203.4

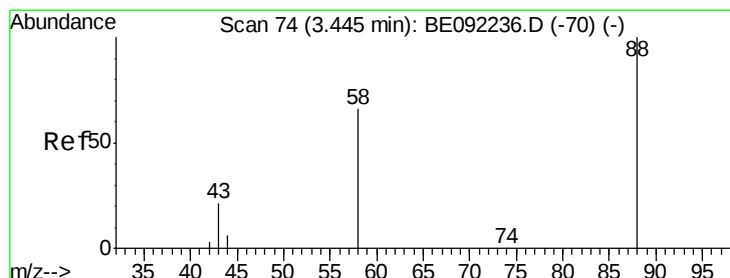
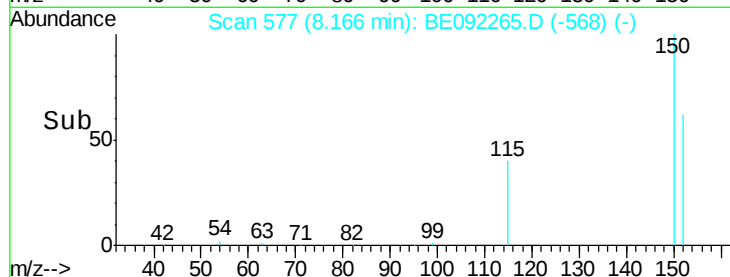
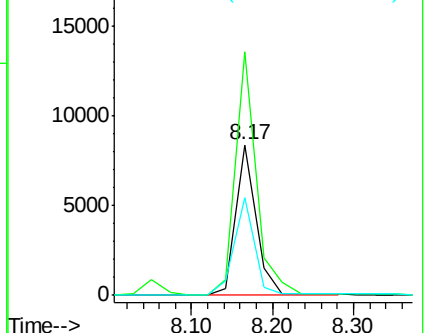
115 64.5 59.4 89.0



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: 2.07 ng

RT: 3.43 min Scan# 73

Delta R.T. -0.01 min

Lab File: BE092265.D

Acq: 11 Aug 2016 14:01

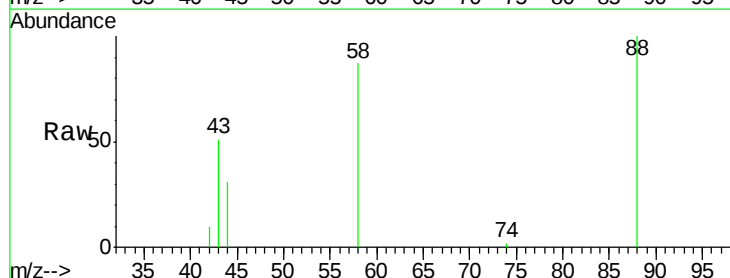
Tgt Ion: 88 Resp: 3390

Ion Ratio Lower Upper

88 100

58 85.3 64.4 96.6

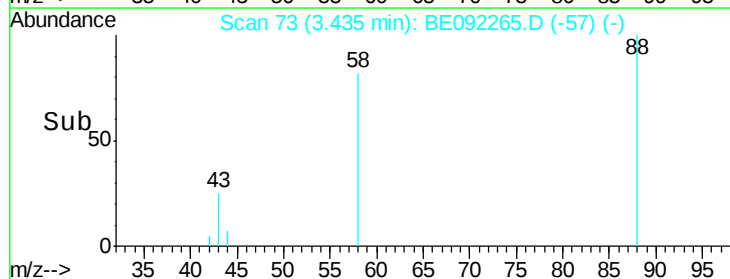
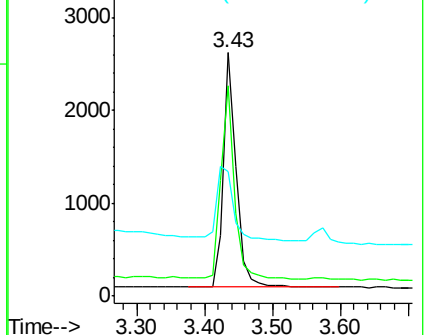
43 41.1 33.4 50.2

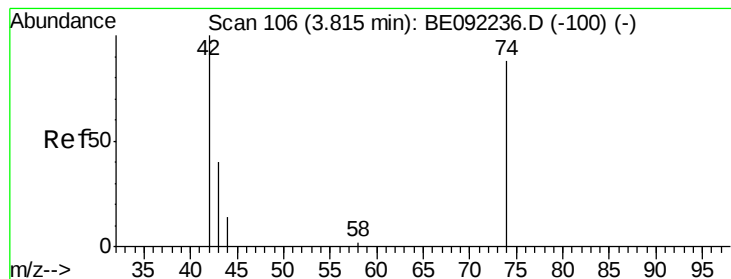


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



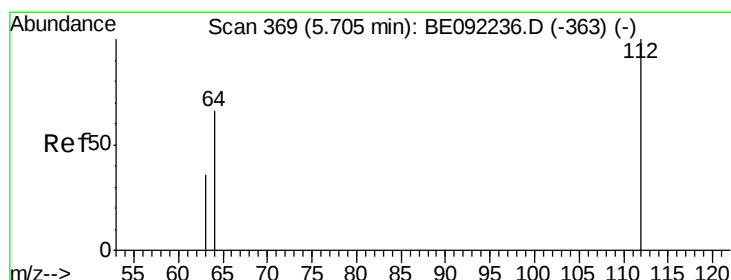
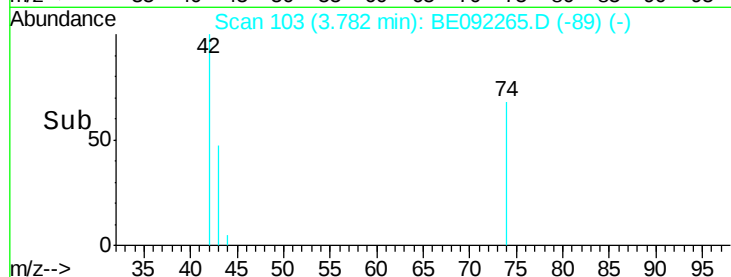
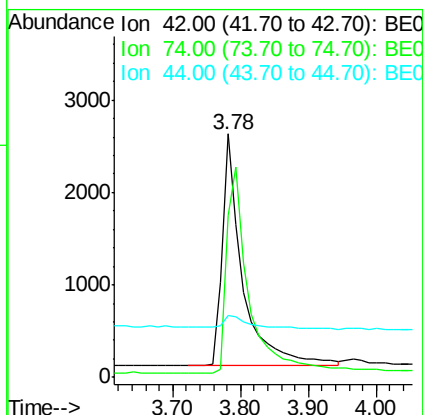
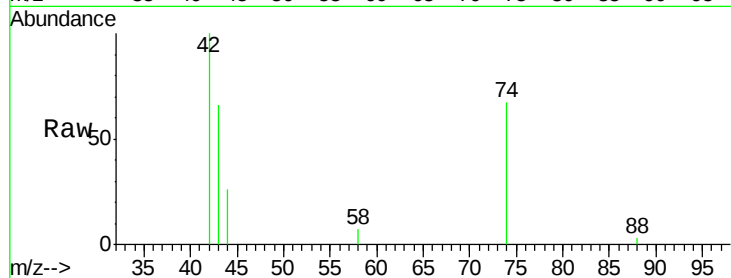


#3

n-Nitrosodimethylamine
 Concen: 2.09 ng
 RT: 3.78 min Scan# 103
 Delta R.T. -0.03 min
 Lab File: BE092265.D
 Acq: 11 Aug 2016 14:01

Instrument :
 BNA_E
 ClientSampleId :
 GW-44-8.6-15.0MS

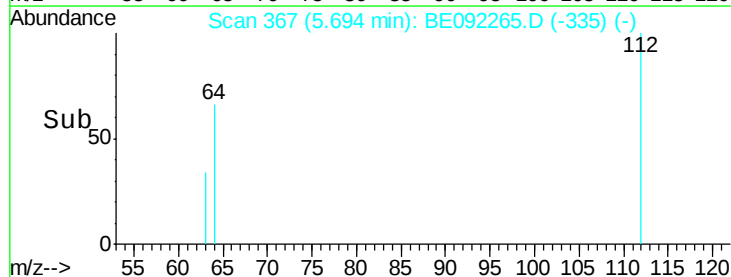
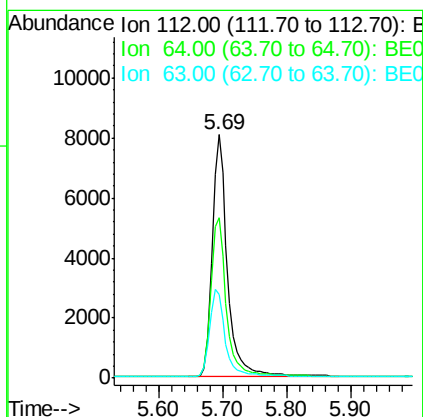
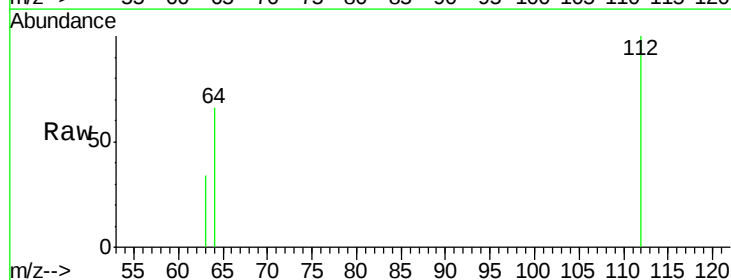
Tgt Ion: 42 Resp: 5253
 Ion Ratio Lower Upper
 42 100
 74 98.4 77.2 115.8
 44 8.4 5.0 7.4#

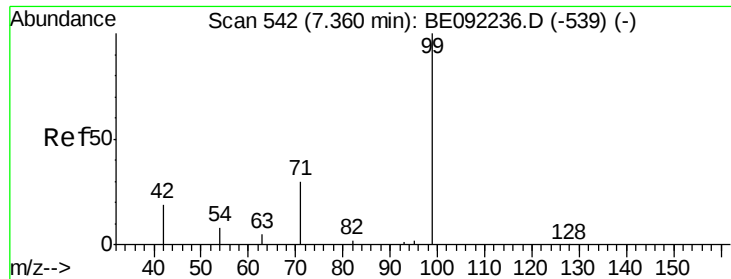


#4

2-Fluorophenol
 Concen: 4.40 ng
 RT: 5.69 min Scan# 367
 Delta R.T. -0.01 min
 Lab File: BE092265.D
 Acq: 11 Aug 2016 14:01

Tgt Ion: 112 Resp: 13687
 Ion Ratio Lower Upper
 112 100
 64 67.0 53.2 79.8
 63 36.3 27.4 41.2





#5

Phenol-d6

Concen: 2.85 ng

RT: 7.34 min Scan# 541

Delta R.T. -0.02 min

Lab File: BE092265.D

Acq: 11 Aug 2016 14:01

Instrument :

BNA_E

ClientSampleId :

GW-44-8.6-15.0MS

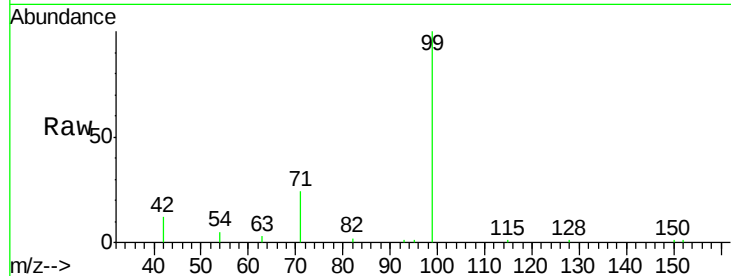
Tgt Ion: 99 Resp: 12765

Ion Ratio Lower Upper

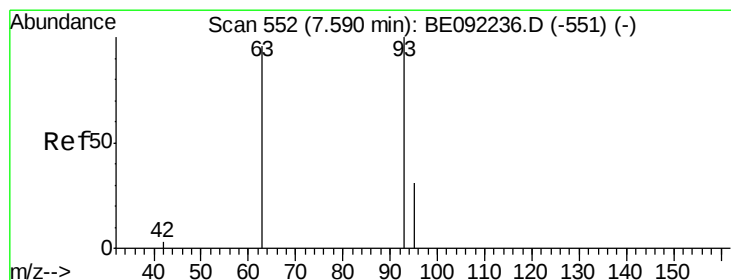
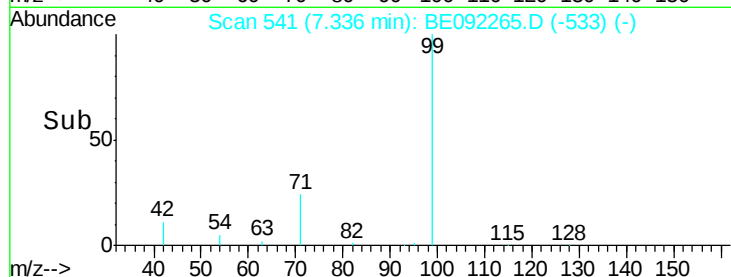
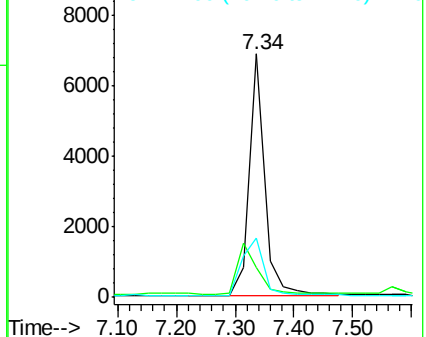
99 100

42 0.0 0.0 0.0

71 33.5 29.8 44.8



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



#6

bis(2-Chloroethyl)ether

Concen: 3.62 ng

RT: 7.59 min Scan# 552

Delta R.T. -0.00 min

Lab File: BE092265.D

Acq: 11 Aug 2016 14:01

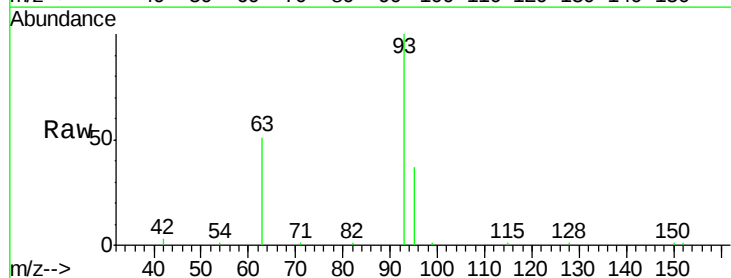
Tgt Ion: 93 Resp: 13123

Ion Ratio Lower Upper

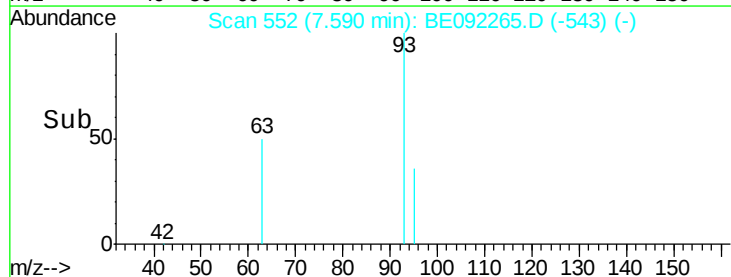
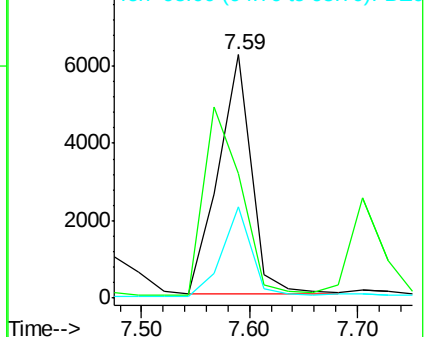
93 100

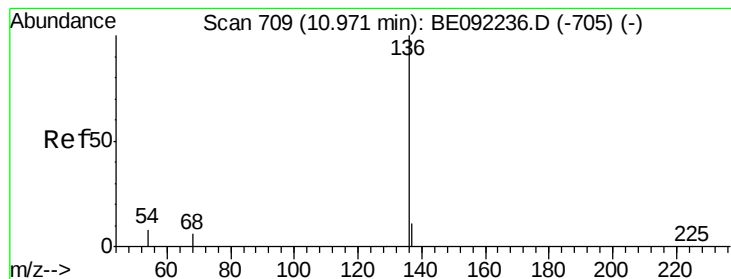
63 0.0 68.5 102.7#

95 33.3 27.2 40.8



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

Naphthalene-d8

Concen: 5.00 ng

RT: 10.97 min Scan# 709

Delta R.T. -0.00 min

Lab File: BE092265.D

Acq: 11 Aug 2016 14:01

Instrument :

BNA_E

ClientSampleId :

GW-44-8.6-15.0MS

Tgt Ion:136 Resp: 65088

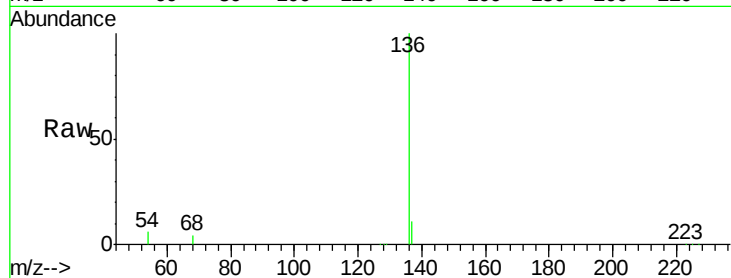
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 5.7 6.2 9.4#

68 4.4 4.6 6.8#

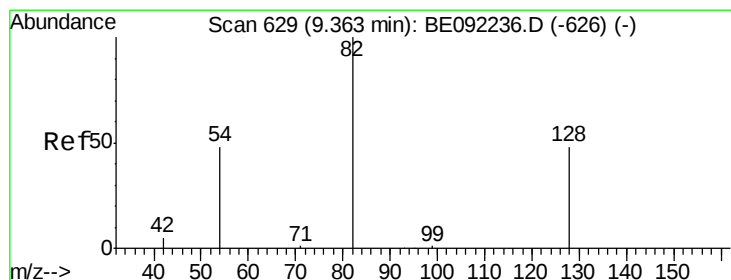
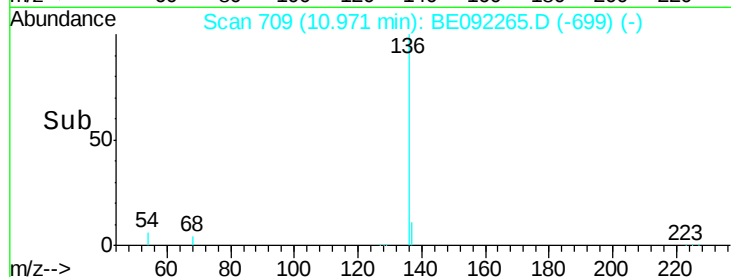
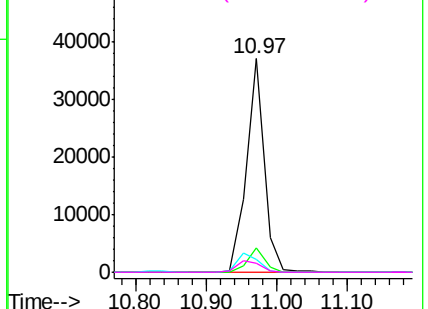


Abundance Ion 136.00 (135.70 to 136.70): E

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



#8

Nitrobenzene-d5

Concen: 3.77 ng

RT: 9.32 min Scan# 627

Delta R.T. -0.05 min

Lab File: BE092265.D

Acq: 11 Aug 2016 14:01

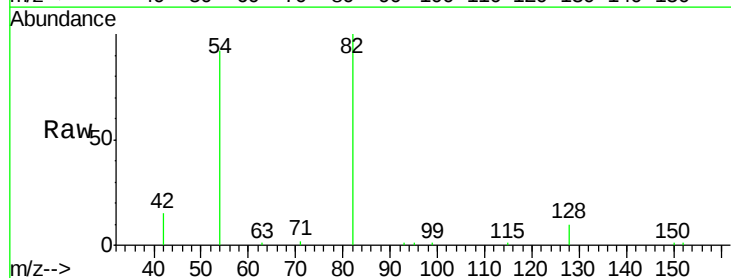
Tgt Ion: 82 Resp: 17319

Ion Ratio Lower Upper

82 100

128 10.2 45.0 67.4#

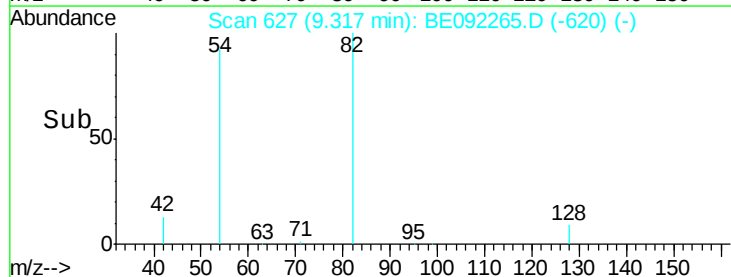
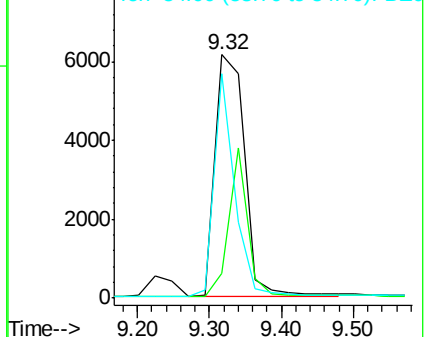
54 92.4 45.4 68.2#

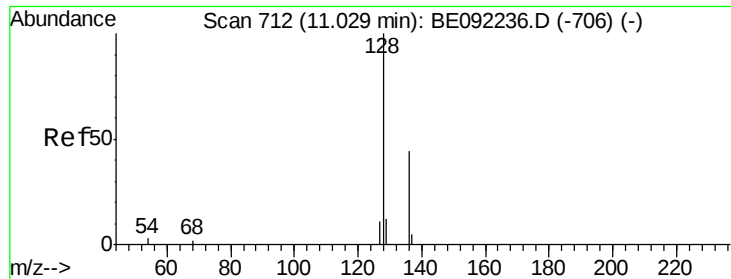


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 3.11 ng

RT: 11.01 min Scan# 711

Delta R.T. -0.02 min

Lab File: BE092265.D

Acq: 11 Aug 2016 14:01

Instrument :

BNA_E

ClientSampleId :

GW-44-8.6-15.0MS

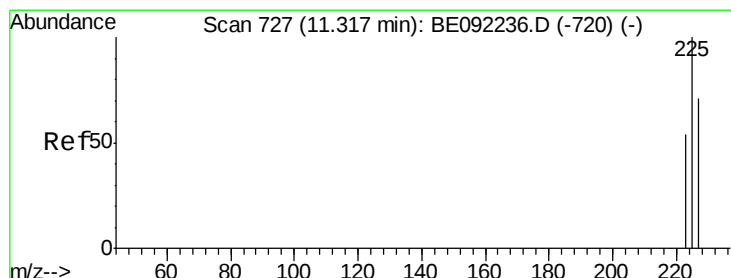
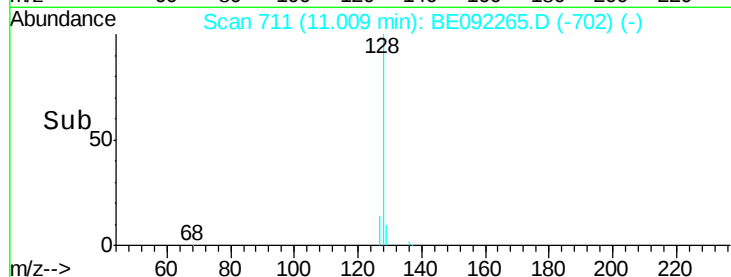
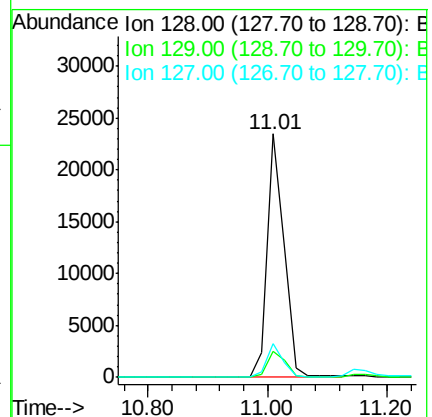
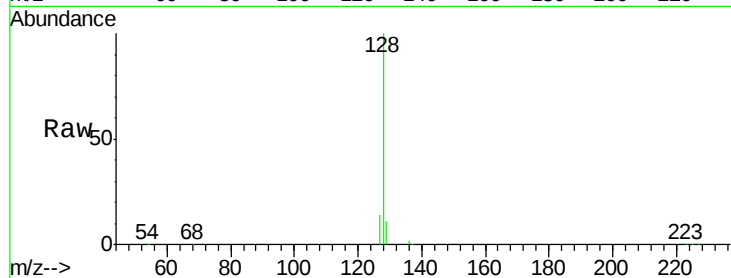
Tgt Ion:128 Resp: 45315

Ion Ratio Lower Upper

128 100

129 10.6 11.5 17.3#

127 13.8 11.0 16.6



#10

Hexachlorobutadiene

Concen: 2.75 ng

RT: 11.30 min Scan# 726

Delta R.T. -0.02 min

Lab File: BE092265.D

Acq: 11 Aug 2016 14:01

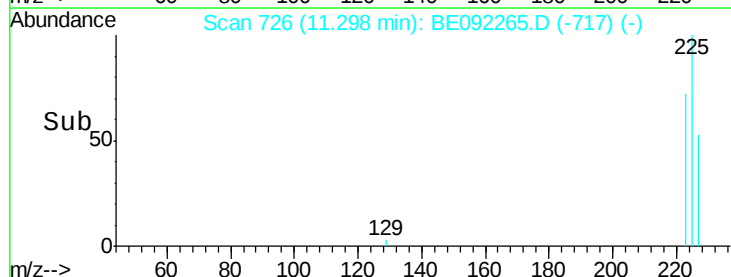
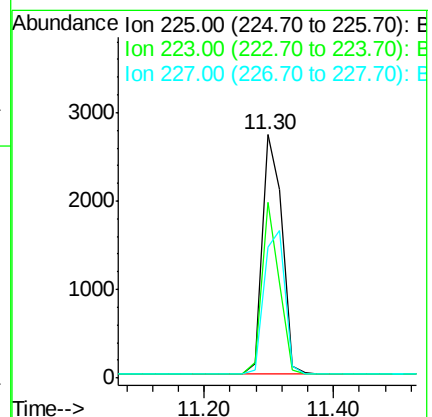
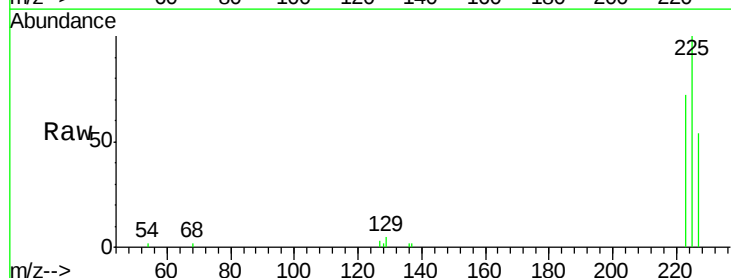
Tgt Ion:225 Resp: 5803

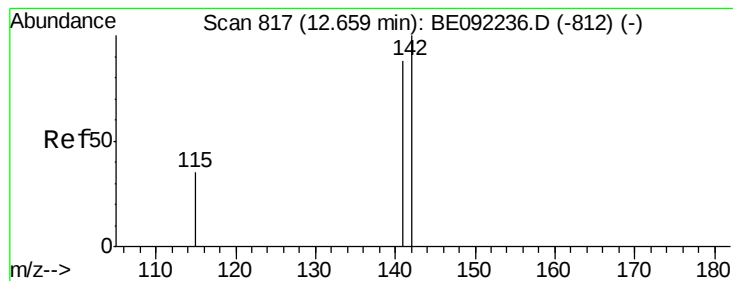
Ion Ratio Lower Upper

225 100

223 62.9 52.2 78.4

227 63.8 51.0 76.6





#11

2-Methylnaphthalene

Concen: 3.39 ng

RT: 12.64 min Scan# 815

Delta R.T. -0.02 min

Lab File: BE092265.D

Acq: 11 Aug 2016 14:01

Instrument :

BNA_E

ClientSampleId :

GW-44-8.6-15.0MS

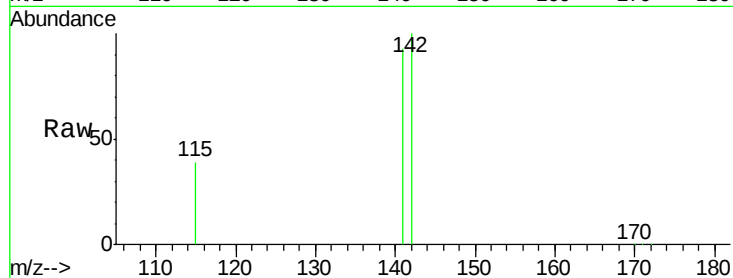
Tgt Ion:142 Resp: 30915

Ion Ratio Lower Upper

142 100

141 92.9 70.6 105.8

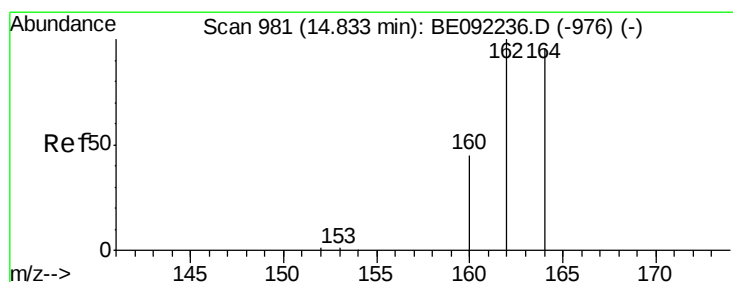
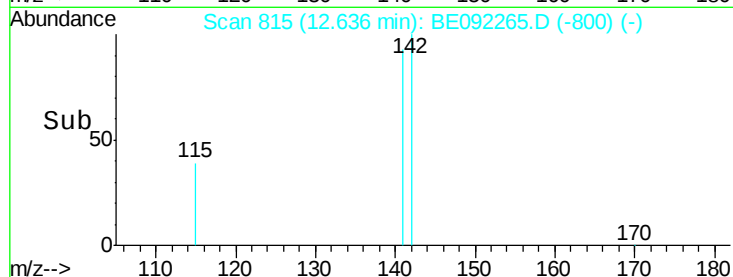
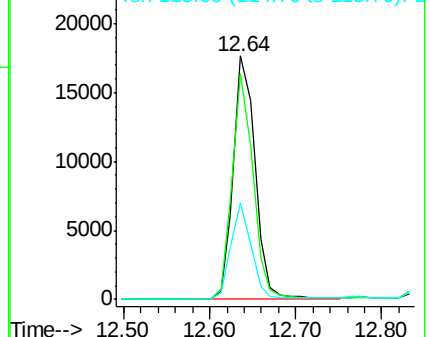
115 39.4 31.0 46.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.83 min Scan# 981

Delta R.T. -0.00 min

Lab File: BE092265.D

Acq: 11 Aug 2016 14:01

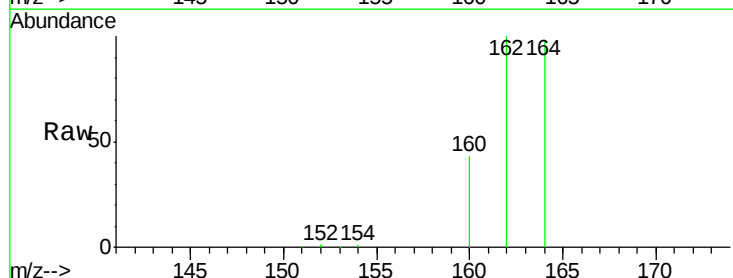
Tgt Ion:164 Resp: 35367

Ion Ratio Lower Upper

164 100

162 102.0 83.3 124.9

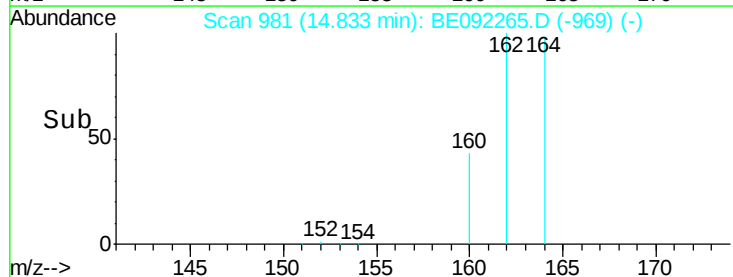
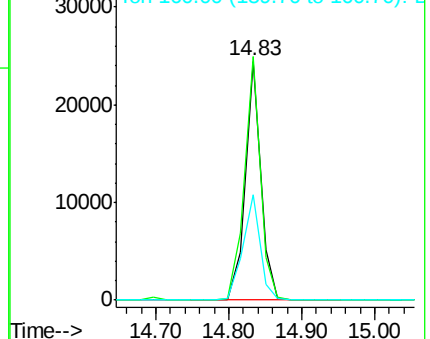
160 44.0 38.0 57.0

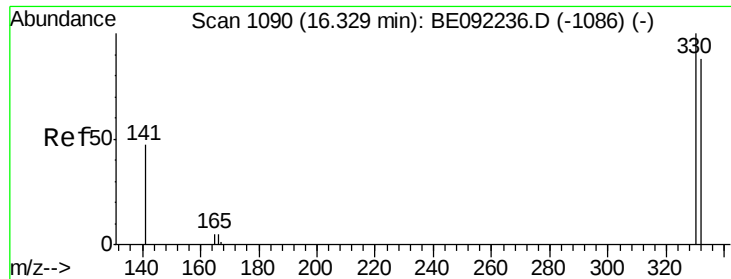


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

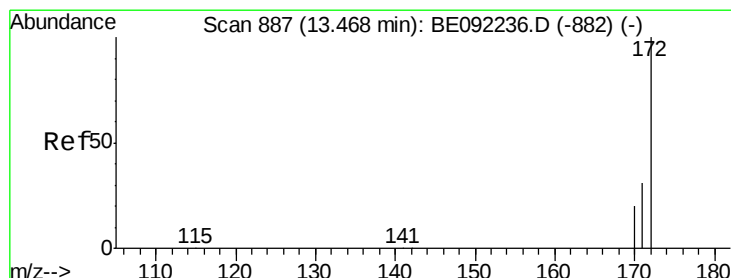
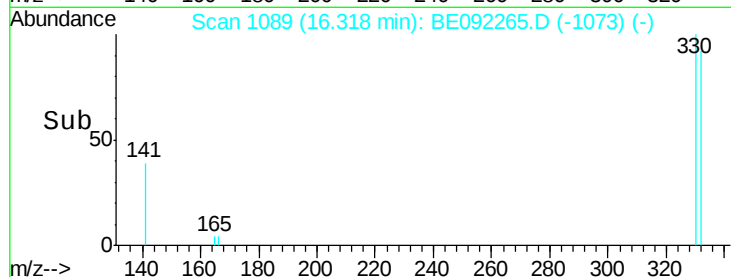
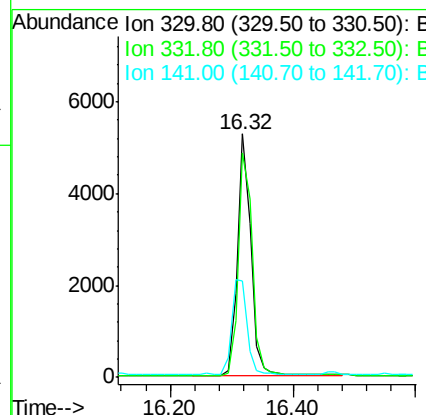
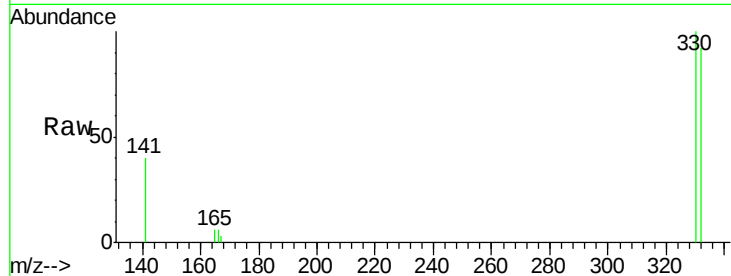




#13
 2,4,6-Tribromophenol
 Concen: 5.85 ng
 RT: 16.32 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: BE092265.D
 Acq: 11 Aug 2016 14:01

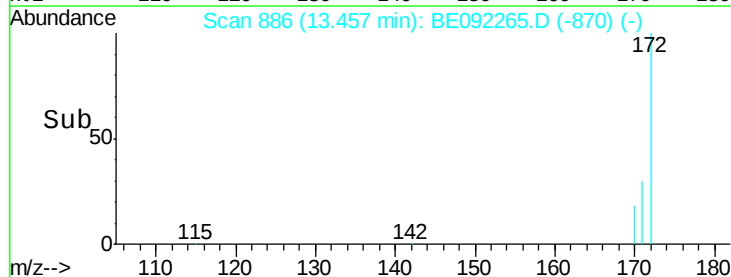
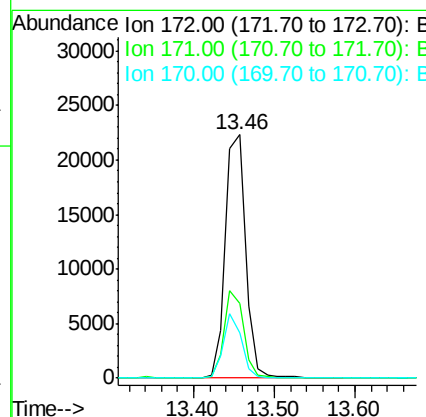
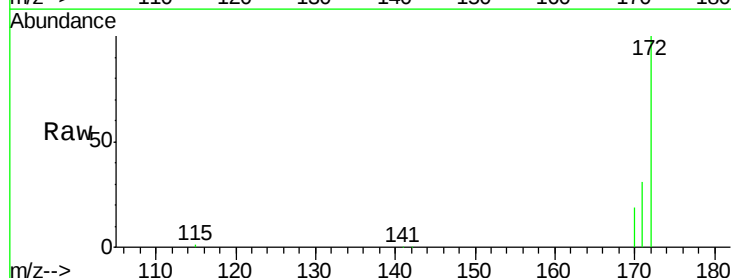
Instrument :
 BNA_E
 ClientSampleId :
 GW-44-8.6-15.0MS

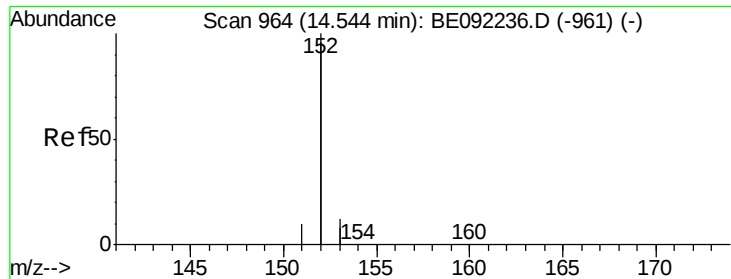
Tgt Ion:330 Resp: 7990
 Ion Ratio Lower Upper
 330 100
 332 97.5 75.4 113.0
 141 46.2 37.7 56.5



#14
 2-Fluorobiphenyl
 Concen: 3.54 ng
 RT: 13.46 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BE092265.D
 Acq: 11 Aug 2016 14:01

Tgt Ion:172 Resp: 38726
 Ion Ratio Lower Upper
 172 100
 171 30.8 26.8 40.2
 170 18.5 17.8 26.6

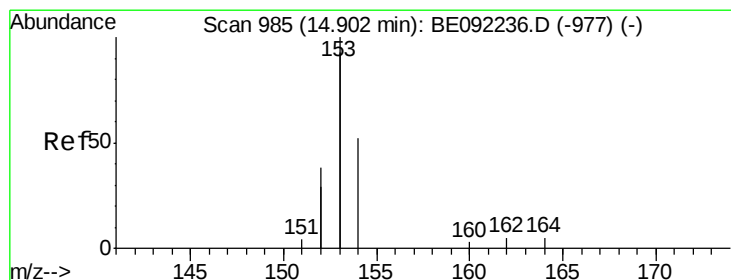
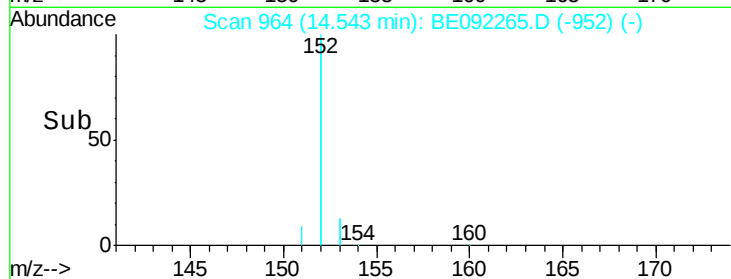
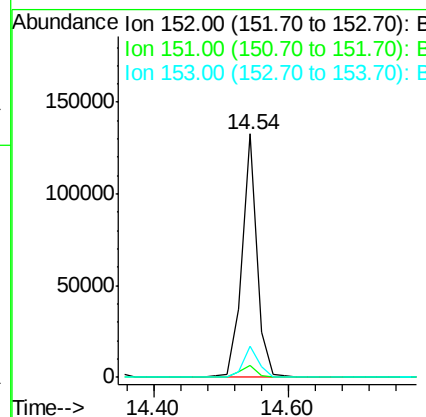
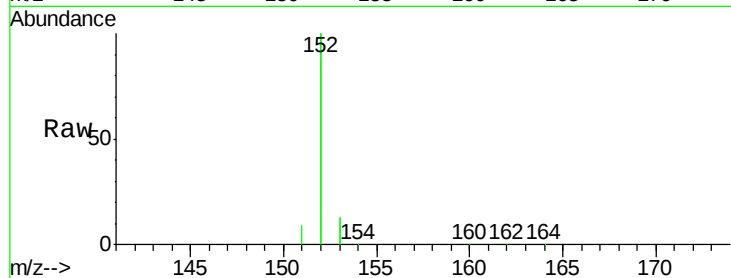




#15
Acenaphthylene
Concen: 3.32 ng
RT: 14.54 min Scan# 964
Delta R.T. -0.00 min
Lab File: BE092265.D
Acq: 11 Aug 2016 14:01

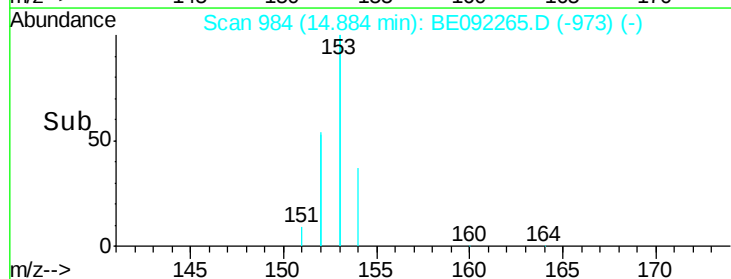
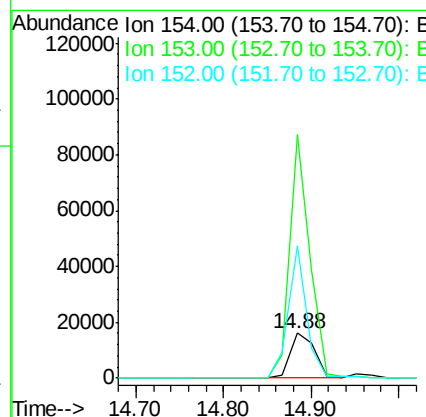
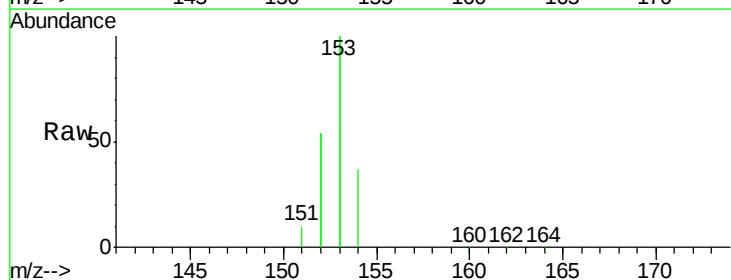
Instrument :
BNA_E
ClientSampleId :
GW-44-8.6-15.0MS

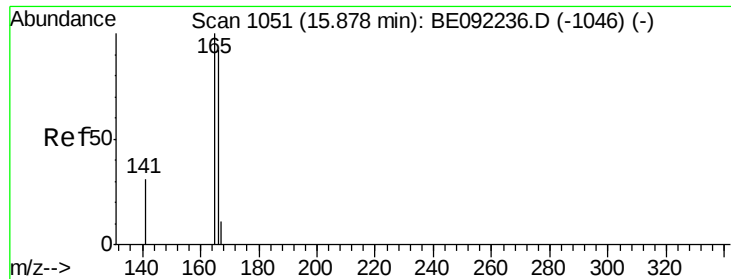
Tgt Ion:152 Resp: 203013
Ion Ratio Lower Upper
152 100
151 5.0 3.8 5.8
153 13.0 10.2 15.2



#16
Acenaphthene
Concen: 3.12 ng
RT: 14.88 min Scan# 984
Delta R.T. -0.02 min
Lab File: BE092265.D
Acq: 11 Aug 2016 14:01

Tgt Ion:154 Resp: 30619
Ion Ratio Lower Upper
154 100
153 454.0 355.0 532.4
152 225.1 179.7 269.5

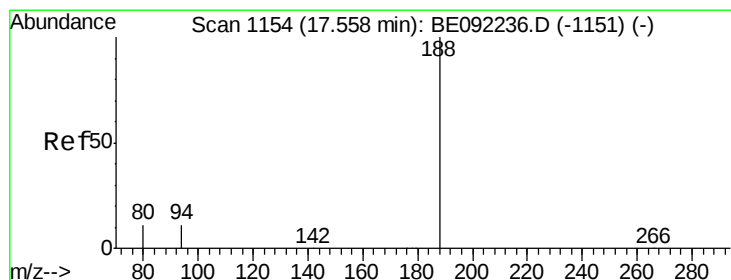
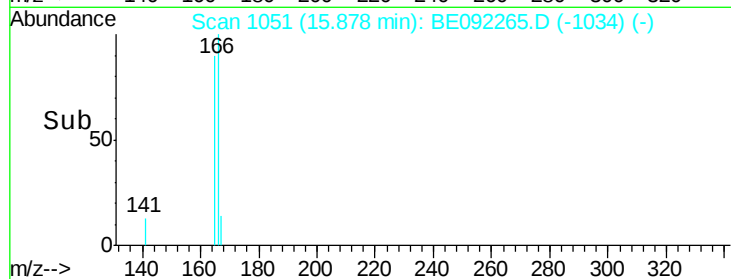
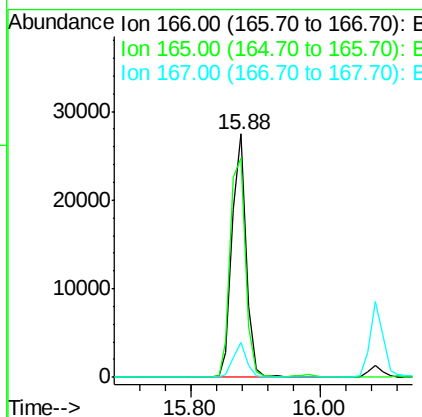
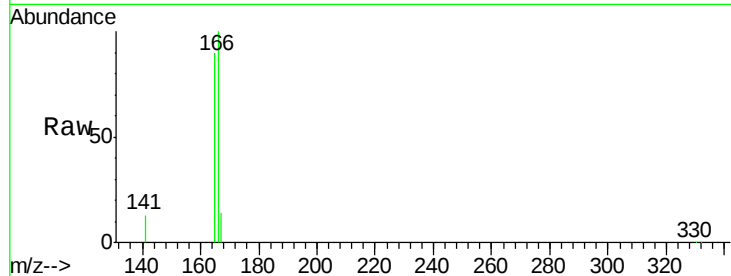




#17
Fluorene
 Concen: 3.43 ng
 RT: 15.88 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: BE092265.D
 Acq: 11 Aug 2016 14:01

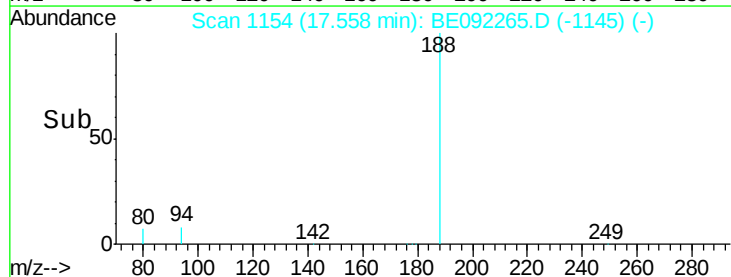
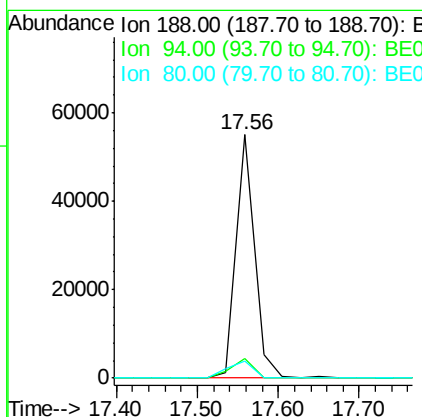
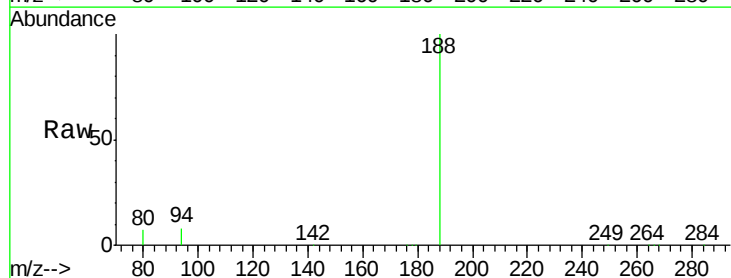
Instrument :
 BNA_E
 ClientSampleId :
 GW-44-8.6-15.0MS

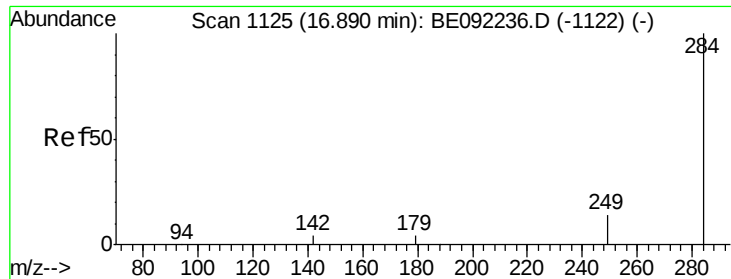
Tgt Ion:166 Resp: 40733
 Ion Ratio Lower Upper
 166 100
 165 99.0 80.1 120.1
 167 13.3 10.6 16.0



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.56 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BE092265.D
 Acq: 11 Aug 2016 14:01

Tgt Ion:188 Resp: 86189
 Ion Ratio Lower Upper
 188 100
 94 7.8 9.2 13.8#
 80 7.2 9.1 13.7#

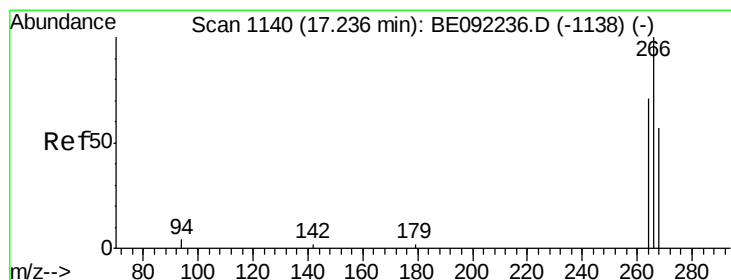
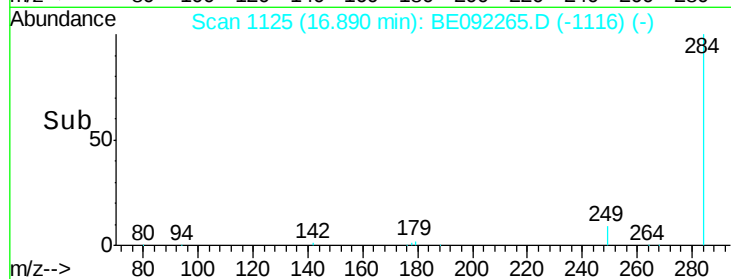
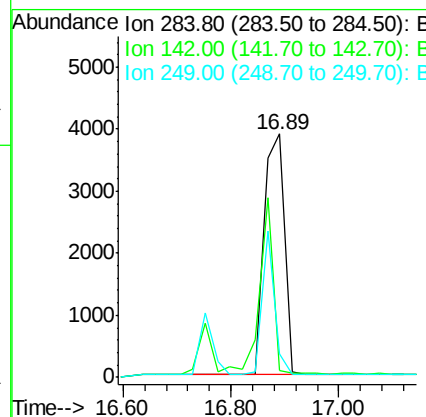
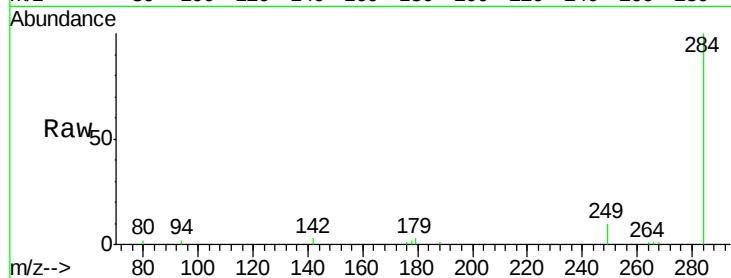




#19
Hexachlorobenzene
Concen: 3.01 ng
RT: 16.89 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BE092265.D
Acq: 11 Aug 2016 14:01

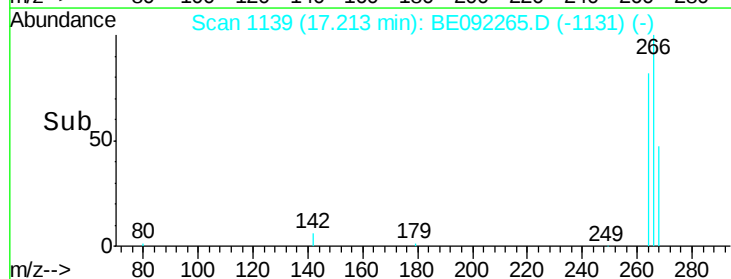
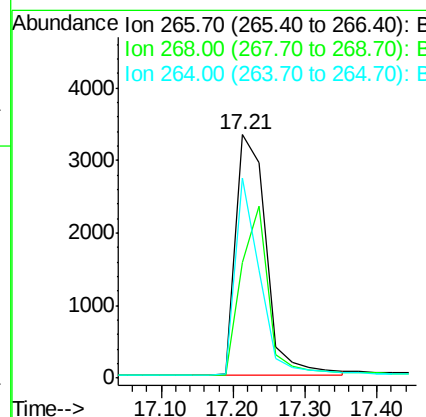
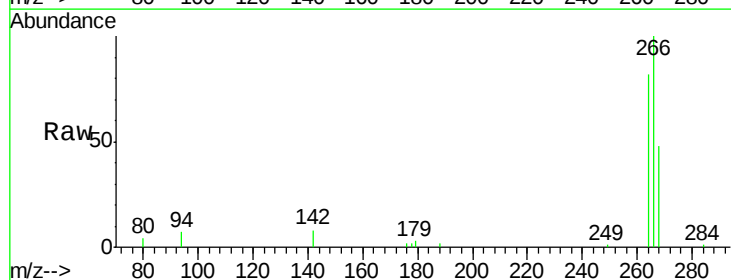
Instrument :
BNA_E
ClientSampleId :
GW-44-8.6-15.0MS

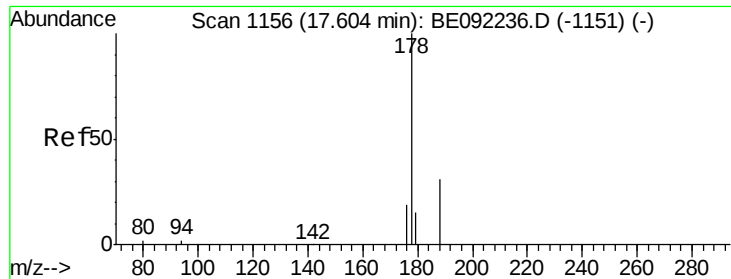
Tgt Ion: 284 Resp: 10285
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 0.0 0.0 0.0



#20
Pentachlorophenol
Concen: 9.10 ng
RT: 17.21 min Scan# 1139
Delta R.T. -0.02 min
Lab File: BE092265.D
Acq: 11 Aug 2016 14:01

Tgt Ion: 266 Resp: 9716
Ion Ratio Lower Upper
266 100
268 47.5 62.3 93.5#
264 82.4 67.4 101.0

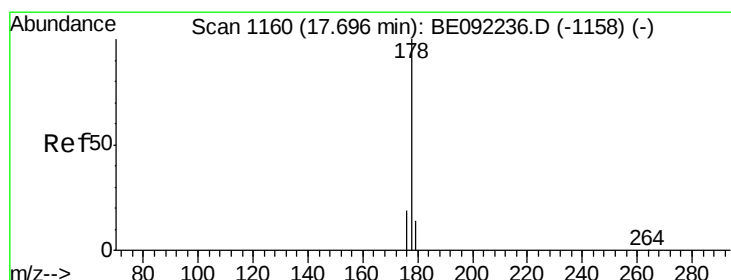
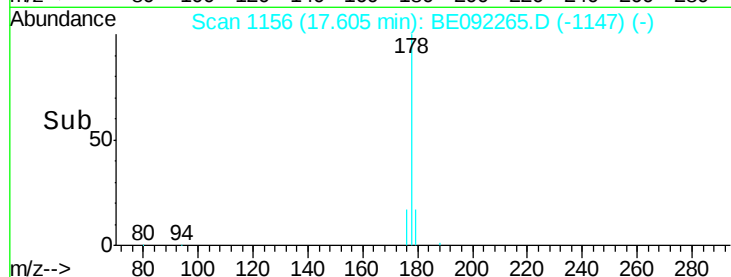
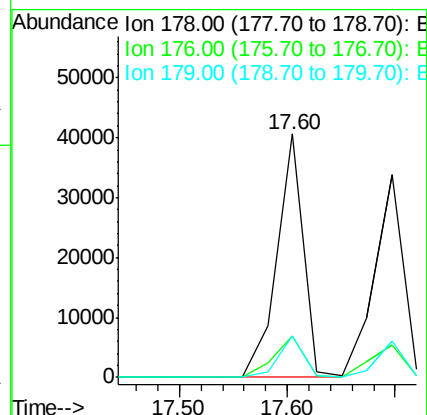
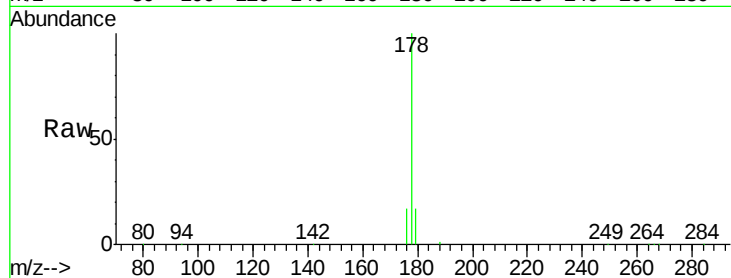




#21
Phenanthrene
Concen: 3.12 ng
RT: 17.60 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BE092265.D
Acq: 11 Aug 2016 14:01

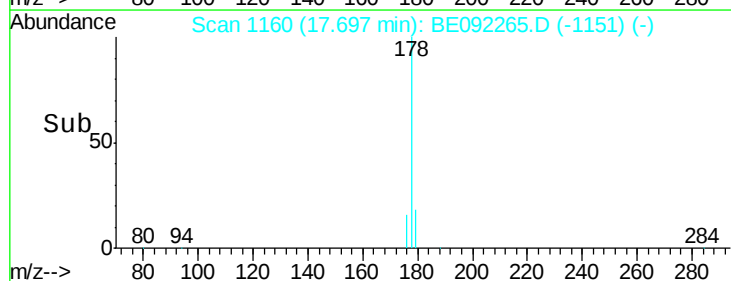
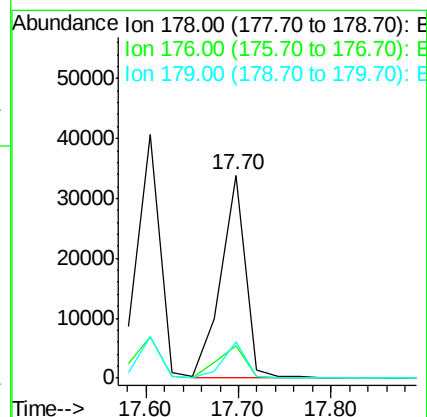
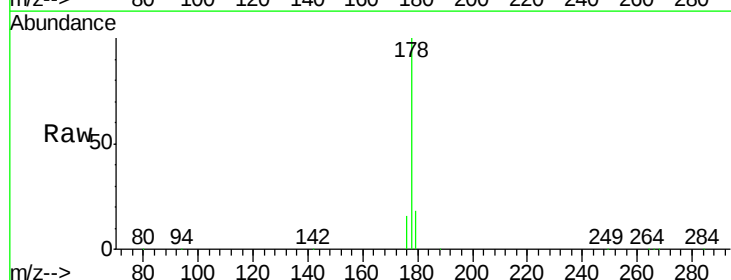
Instrument :
BNA_E
ClientSampleId :
GW-44-8.6-15.0MS

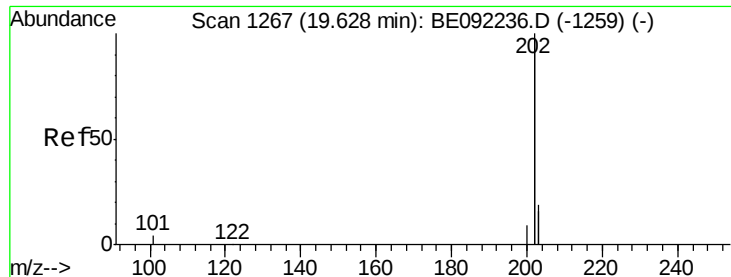
Tgt Ion:178 Resp: 69479
Ion Ratio Lower Upper
178 100
176 18.7 15.1 22.7
179 16.1 12.9 19.3



#22
Anthracene
Concen: 3.09 ng
RT: 17.70 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BE092265.D
Acq: 11 Aug 2016 14:01

Tgt Ion:178 Resp: 62297
Ion Ratio Lower Upper
178 100
176 18.1 15.0 22.4
179 16.3 12.0 18.0





#23

Fluoranthene

Concen: 3.74 ng

RT: 19.61 min Scan# 1266

Delta R.T. -0.02 min

Lab File: BE092265.D

Acq: 11 Aug 2016 14:01

Instrument :

BNA_E

ClientSampleId :

GW-44-8.6-15.0MS

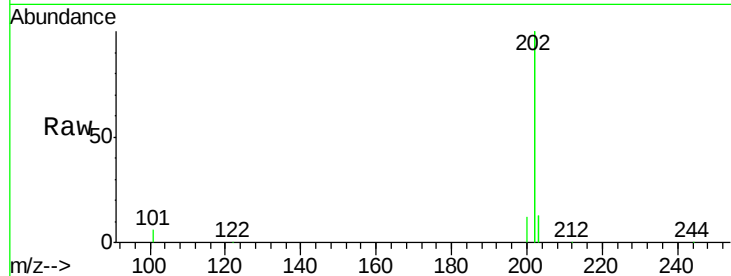
Tgt Ion:202 Resp: 331465

Ion Ratio Lower Upper

202 100

101 2.9 2.2 3.4

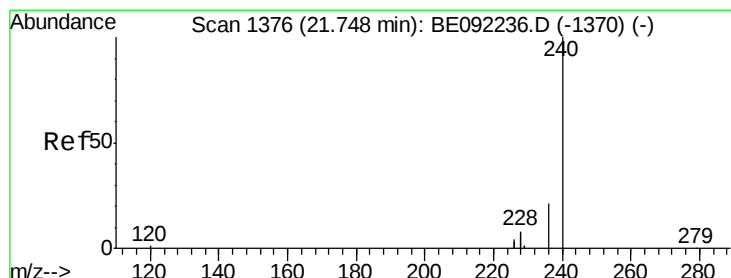
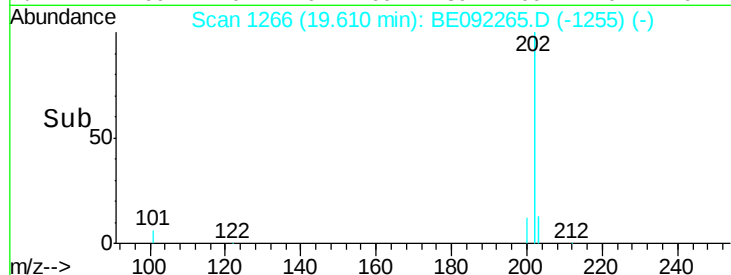
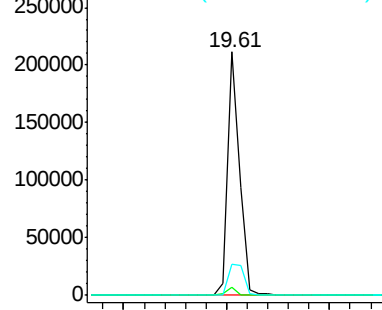
203 17.4 13.7 20.5



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



#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.73 min Scan# 1375

Delta R.T. -0.02 min

Lab File: BE092265.D

Acq: 11 Aug 2016 14:01

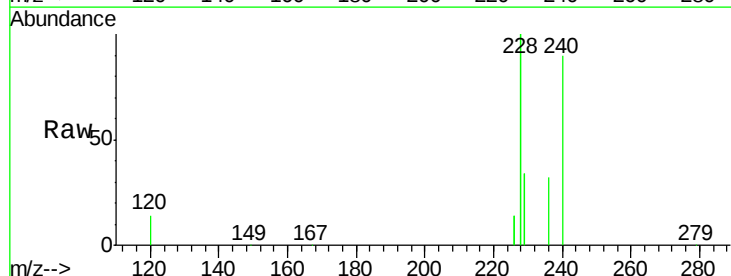
Tgt Ion:240 Resp: 83625

Ion Ratio Lower Upper

240 100

120 15.3 1.2 1.8#

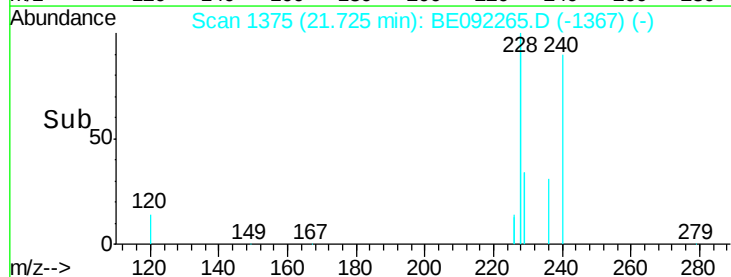
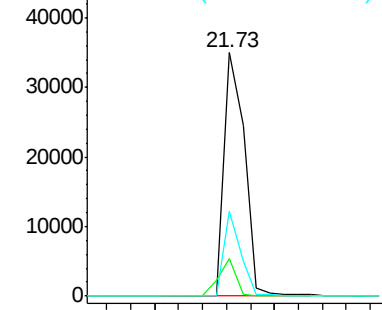
236 35.0 17.1 25.7#

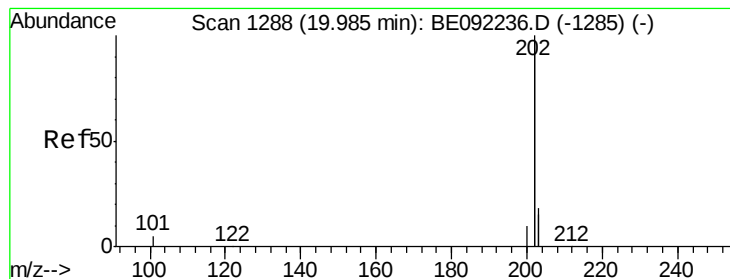


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#25

Pyrene

Concen: 3.50 ng

RT: 19.99 min Scan# 1288

Delta R.T. -0.00 min

Lab File: BE092265.D

Acq: 11 Aug 2016 14:01

Instrument :

BNA_E

ClientSampleId :

GW-44-8.6-15.0MS

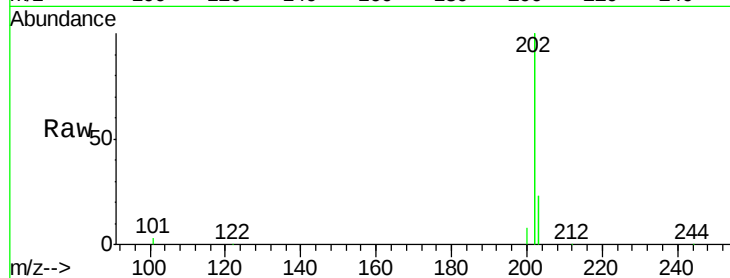
Tgt Ion:202 Resp: 345927

Ion Ratio Lower Upper

202 100

200 5.3 4.2 6.4

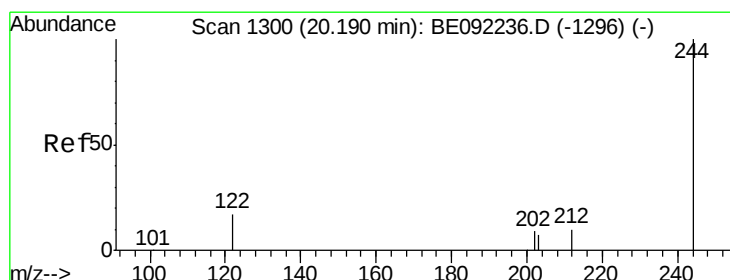
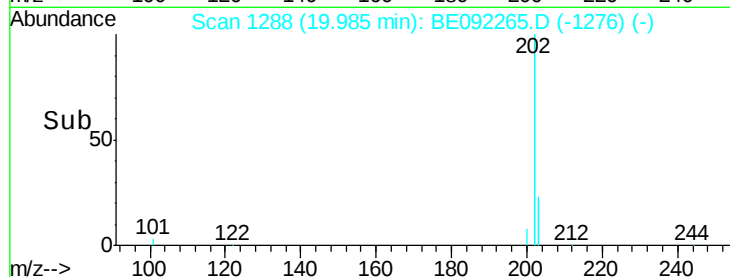
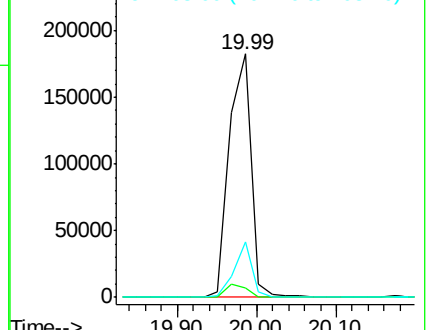
203 18.5 14.0 21.0



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



#26

Terphenyl-d14

Concen: 4.31 ng

RT: 20.19 min Scan# 1300

Delta R.T. -0.00 min

Lab File: BE092265.D

Acq: 11 Aug 2016 14:01

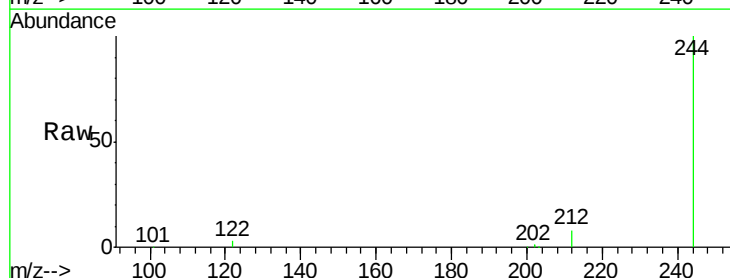
Tgt Ion:244 Resp: 60871

Ion Ratio Lower Upper

244 100

212 7.9 10.2 15.2#

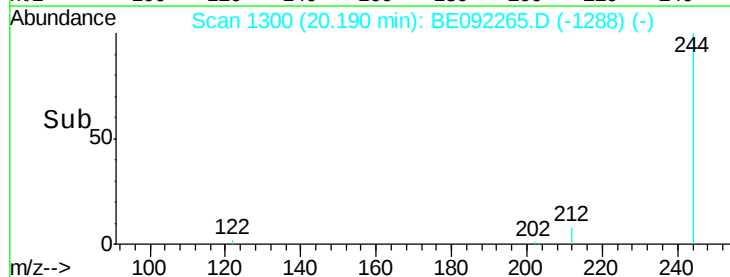
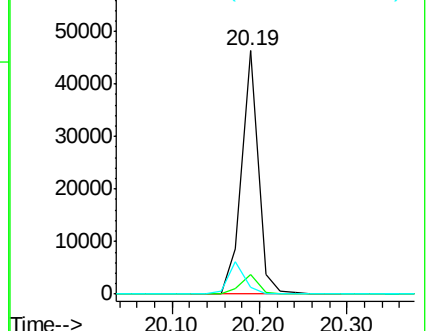
122 2.7 15.9 23.9#

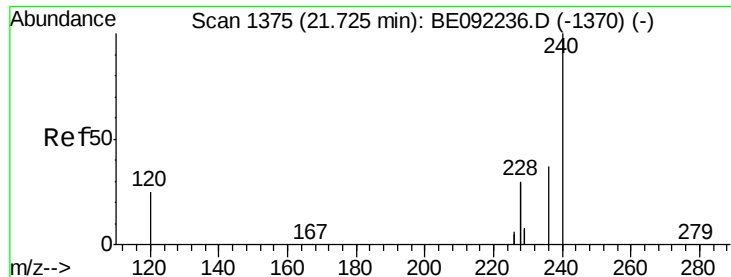


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

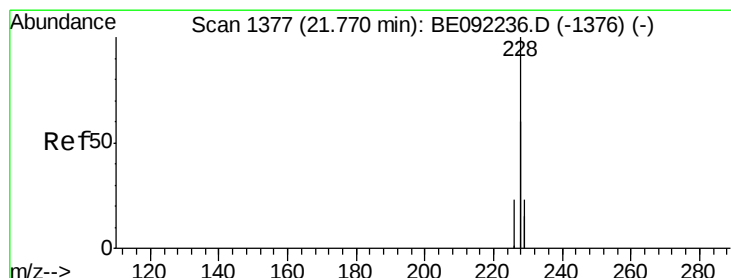
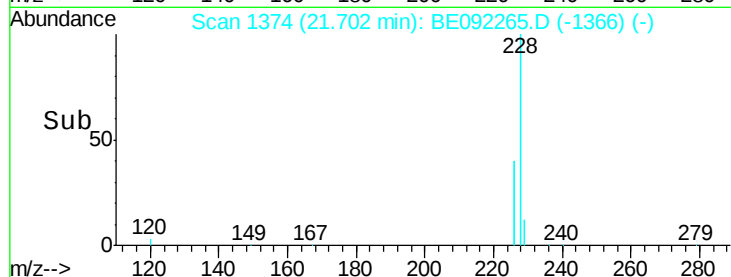
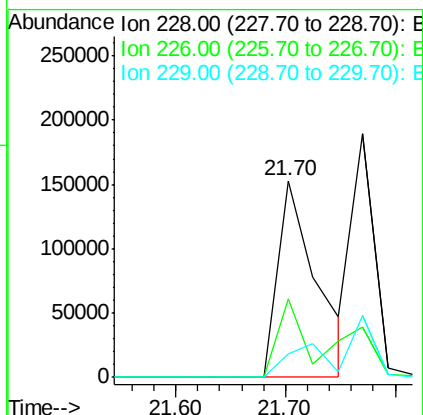
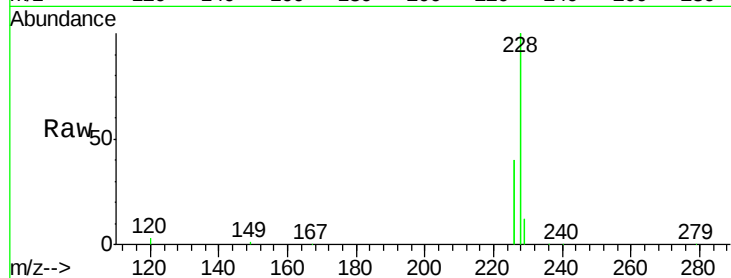




#27
Benzo(a)anthracene
Concen: 3.75 ng
RT: 21.70 min Scan# 1374
Delta R.T. -0.02 min
Lab File: BE092265.D
Acq: 11 Aug 2016 14:01

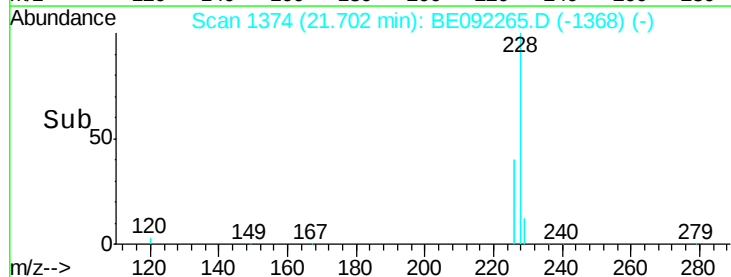
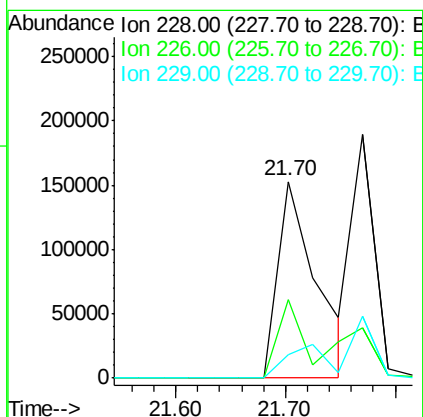
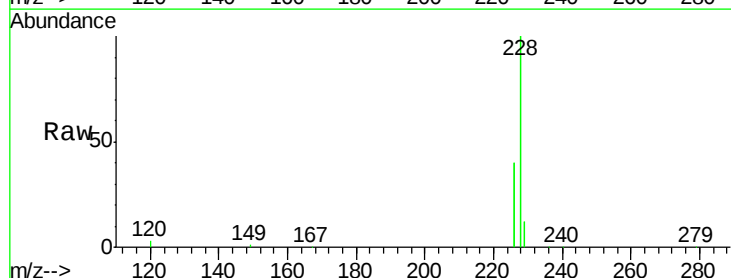
Instrument :
BNA_E
ClientSampleId :
GW-44-8.6-15.0MS

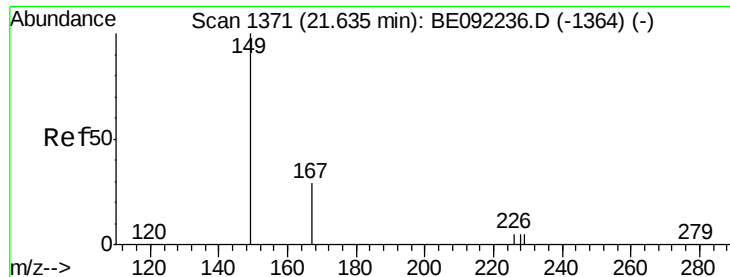
Tgt Ion:228 Resp: 376603
Ion Ratio Lower Upper
228 100
226 40.1 15.9 23.9#
229 12.1 22.4 33.6#



#28
Chrysene
Concen: 4.06 ng
RT: 21.70 min Scan# 1374
Delta R.T. -0.07 min
Lab File: BE092265.D
Acq: 11 Aug 2016 14:01

Tgt Ion:228 Resp: 376603
Ion Ratio Lower Upper
228 100
226 40.1 18.3 27.5#
229 12.1 18.6 27.8#

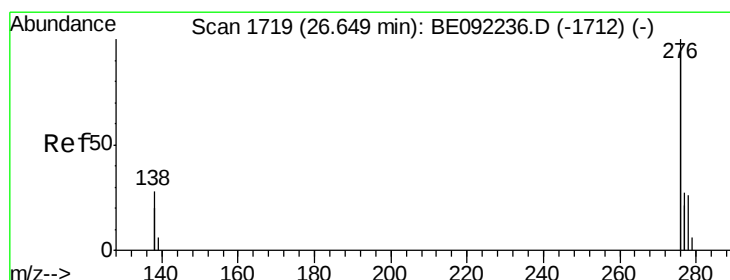
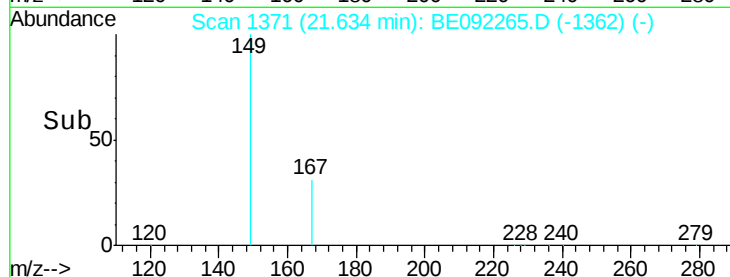
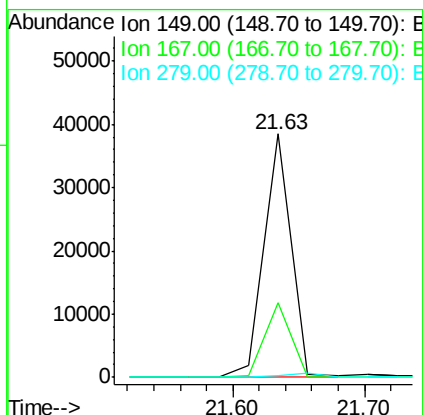
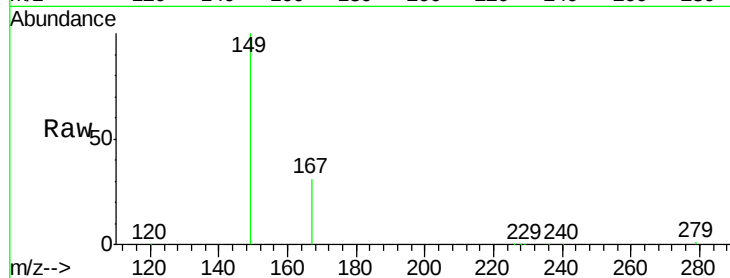




#29
 Bis(2-ethylhexyl)phthalate
 Concen: 3.37 ng
 RT: 21.63 min Scan# 1371
 Delta R.T. 0.00 min
 Lab File: BE092265.D
 Acq: 11 Aug 2016 14:01

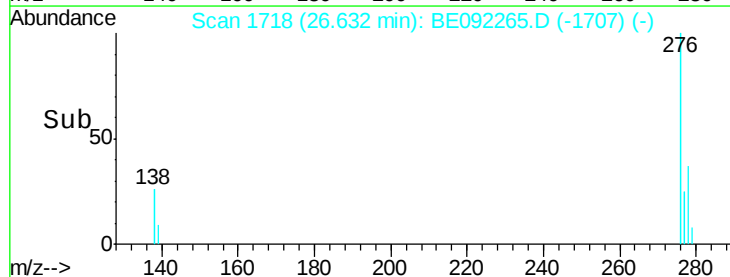
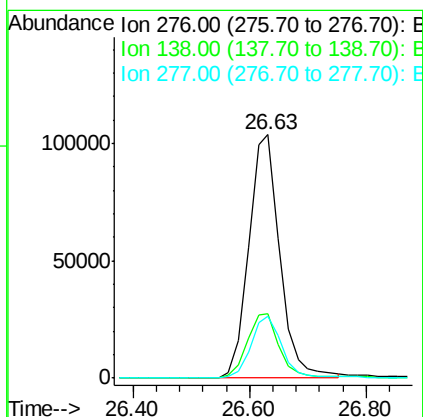
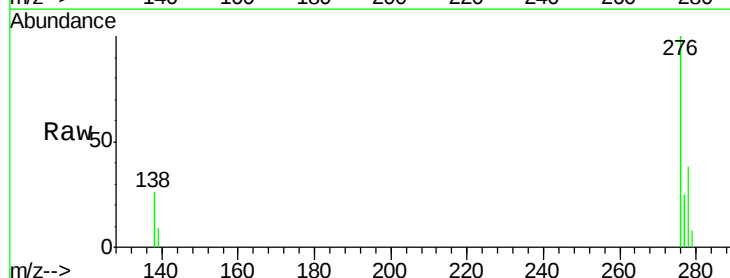
Instrument :
 BNA_E
 ClientSampleId :
 GW-44-8.6-15.0MS

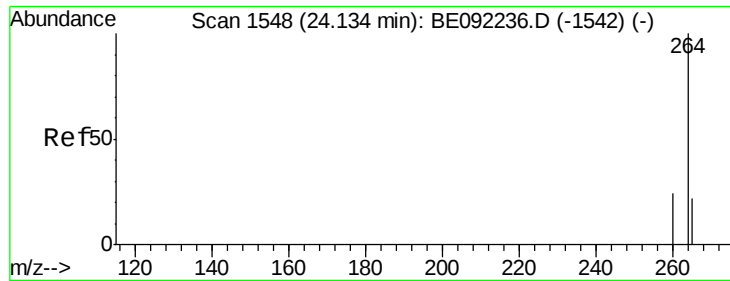
Tgt Ion:149 Resp: 54928
 Ion Ratio Lower Upper
 149 100
 167 29.9 22.1 33.1
 279 0.0 0.0 0.0



#30
 Indeno(1,2,3-cd)pyrene
 Concen: 3.83 ng
 RT: 26.63 min Scan# 1718
 Delta R.T. -0.02 min
 Lab File: BE092265.D
 Acq: 11 Aug 2016 14:01

Tgt Ion:276 Resp: 382297
 Ion Ratio Lower Upper
 276 100
 138 27.2 21.3 31.9
 277 24.8 19.7 29.5

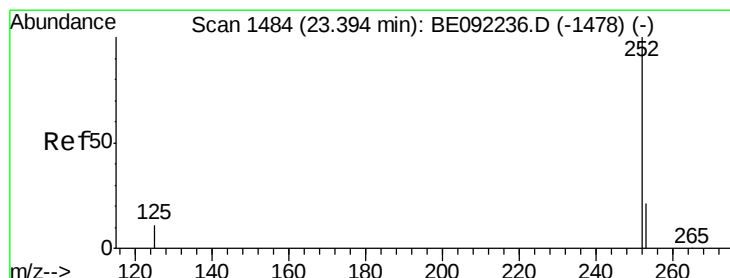
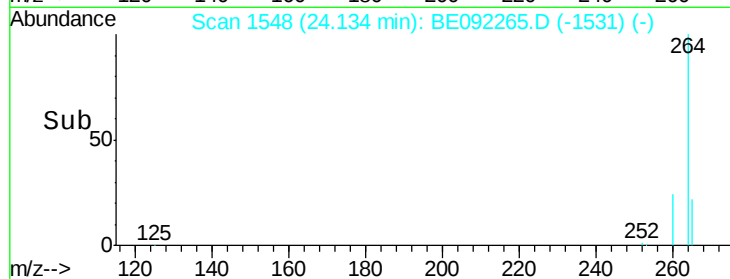
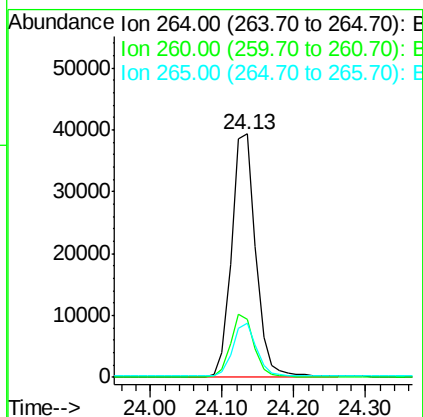
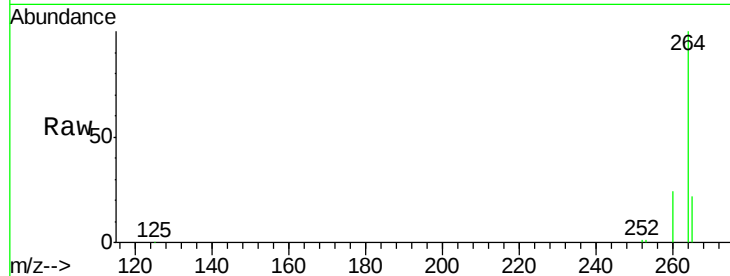




#31
 Perylene-d12
 Concen: 5.00 ng
 RT: 24.13 min Scan# 1548
 Delta R.T. -0.00 min
 Lab File: BE092265.D
 Acq: 11 Aug 2016 14:01

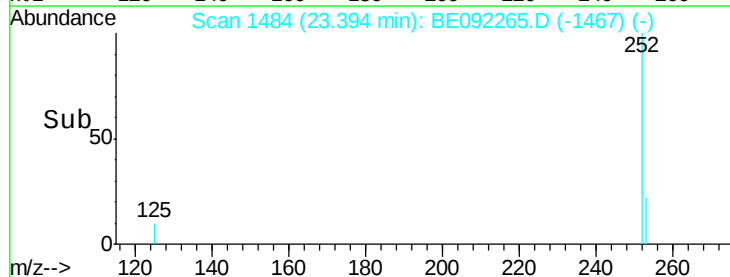
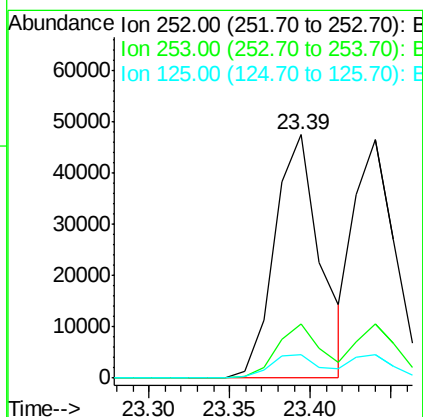
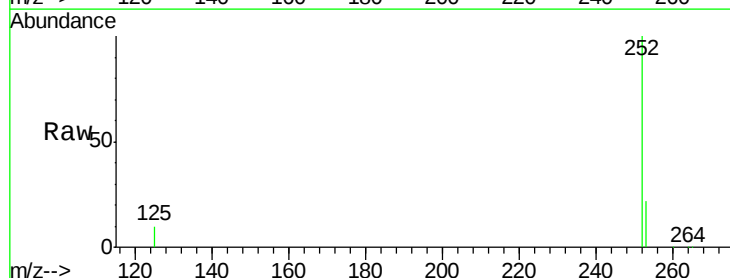
Instrument :
 BNA_E
 ClientSampleId :
 GW-44-8.6-15.0MS

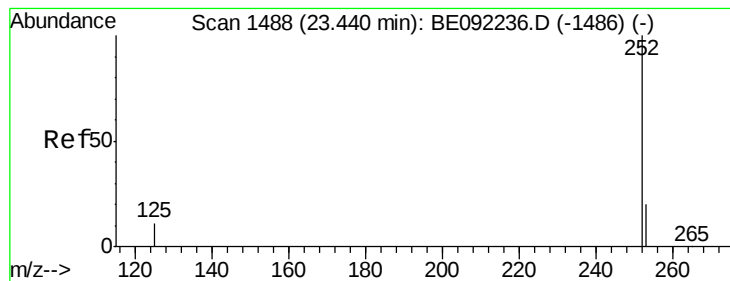
Tgt Ion: 264 Resp: 92694
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.5 29.3
 265 22.3 18.2 27.4



#32
 Benzo(b)fluoranthene
 Concen: 3.86 ng
 RT: 23.39 min Scan# 1484
 Delta R.T. -0.00 min
 Lab File: BE092265.D
 Acq: 11 Aug 2016 14:01

Tgt Ion: 252 Resp: 93831
 Ion Ratio Lower Upper
 252 100
 253 22.5 19.0 28.4
 125 9.8 10.3 15.5#





#33

Benzo(k)fluoranthene

Concen: 3.43 ng

RT: 23.44 min Scan# 1488

Delta R.T. -0.00 min

Lab File: BE092265.D

Acq: 11 Aug 2016 14:01

Instrument :

BNA_E

ClientSampleId :

GW-44-8.6-15.0MS

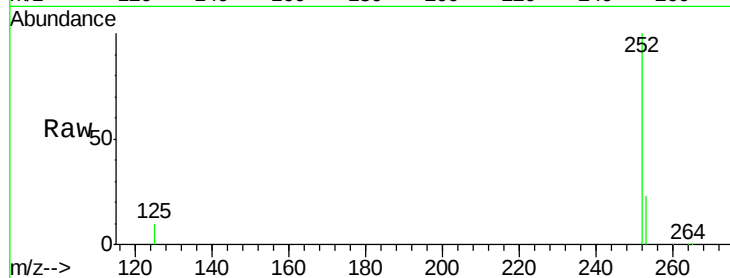
Tgt Ion:252 Resp: 84229

Ion Ratio Lower Upper

252 100

253 22.7 19.0 28.6

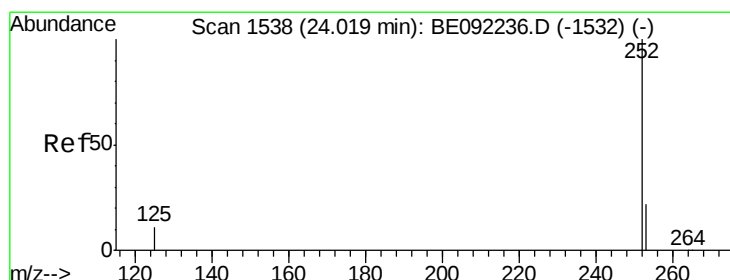
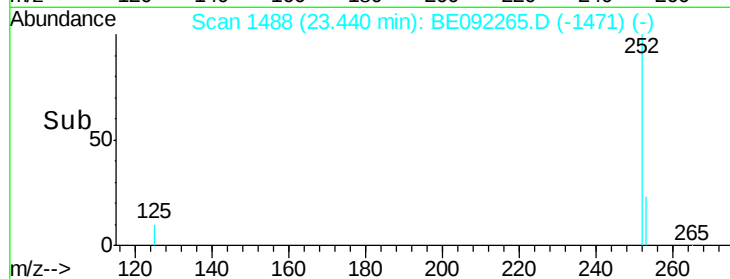
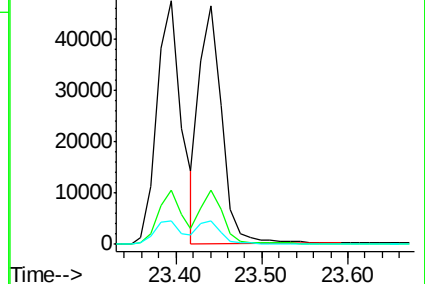
125 10.0 10.6 15.8#



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



#34

Benzo(a)pyrene

Concen: 3.60 ng

RT: 24.02 min Scan# 1538

Delta R.T. -0.00 min

Lab File: BE092265.D

Acq: 11 Aug 2016 14:01

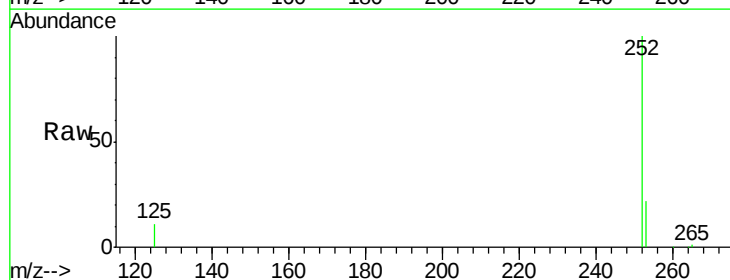
Tgt Ion:252 Resp: 82669

Ion Ratio Lower Upper

252 100

253 22.4 20.3 30.5

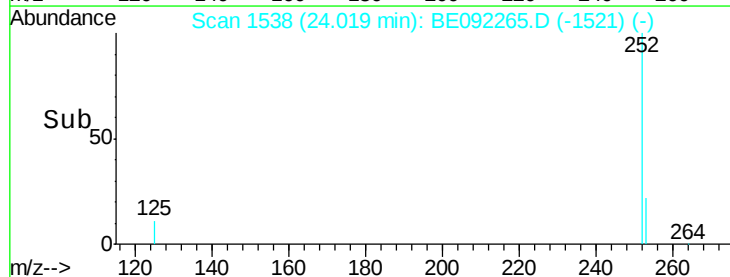
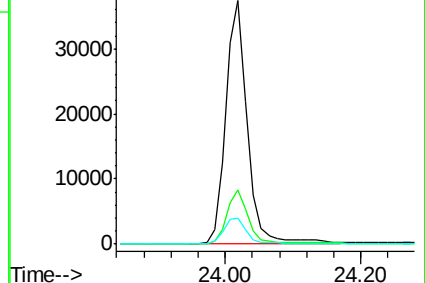
125 10.9 11.8 17.6#

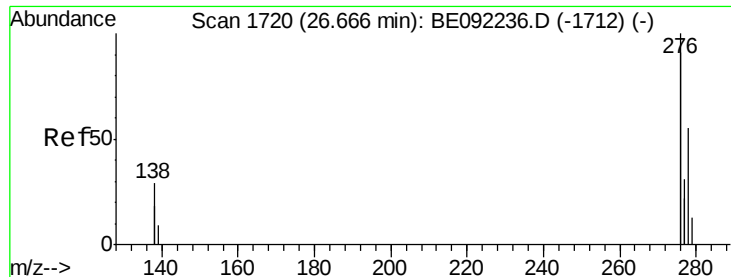


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

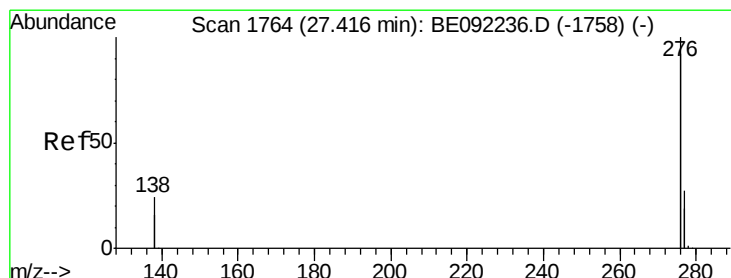
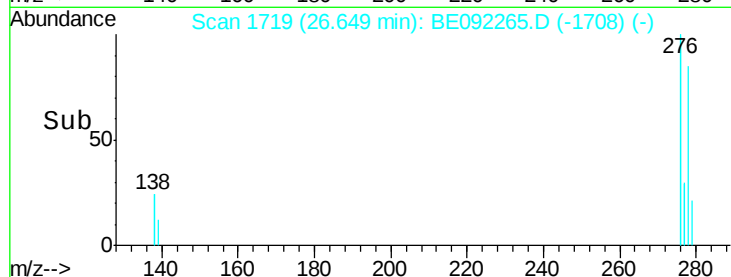
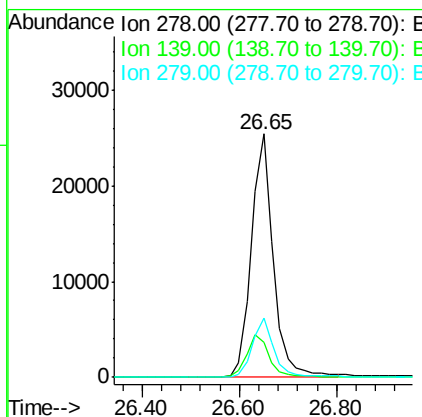
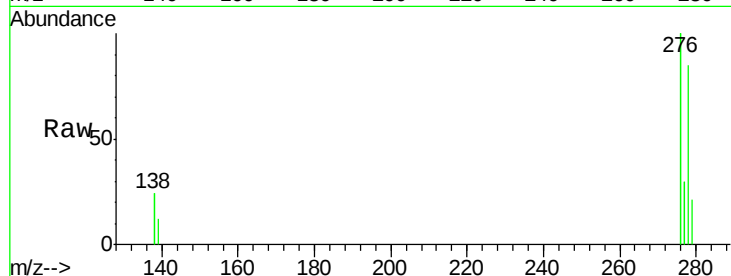




#35
Dibenzo(a,h)anthracene
Concen: 3.75 ng
RT: 26.65 min Scan# 1719
Delta R.T. -0.02 min
Lab File: BE092265.D
Acq: 11 Aug 2016 14:01

Instrument :
BNA_E
ClientSampleId :
GW-44-8.6-15.0MS

Tgt Ion: 278 Resp: 80098
Ion Ratio Lower Upper
278 100
139 14.3 16.2 24.2#
279 24.3 21.4 32.2



#36
Benzo(g,h,i)perylene
Concen: 3.60 ng
RT: 27.40 min Scan# 1763
Delta R.T. -0.02 min
Lab File: BE092265.D
Acq: 11 Aug 2016 14:01

Tgt Ion: 276 Resp: 330679
Ion Ratio Lower Upper
276 100
277 23.8 21.4 32.2
138 21.2 19.4 29.2

