

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080316\
 Data File : BE092176.D
 Acq On : 4 Aug 2016 10:36
 Operator : UM/SJ
 Sample : H4221-23MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

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

Quant Time: Aug 04 14:13:33 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-PAH-BE080216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 02 16:59:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	11956	5.00	ng	0.00
6) Naphthalene-d8	10.98	136	54782	5.00	ng	-0.02
10) Acenaphthene-d10	14.83	164	29638	5.00	ng	-0.02
16) Phenanthrene-d10	17.56	188	63872	5.00	ng	-0.02
22) Chrysene-d12	21.75	240	83661	5.00	ng	0.00
28) Perylene-d12	24.14	264	82926	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.69	112	15031	4.90	ng	0.00
5) Phenol-d6	7.34	99	15436	3.77	ng	-0.01
7) Nitrobenzene-d5	9.34	82	15743	3.64	ng	-0.01
11) 2,4,6-Tribromophenol	16.32	330	7417	7.71	ng	-0.01
12) 2-Fluorobiphenyl	13.46	172	34371	3.66	ng	0.00
24) Terphenyl-d14	20.19	244	53834	4.48	ng	-0.02

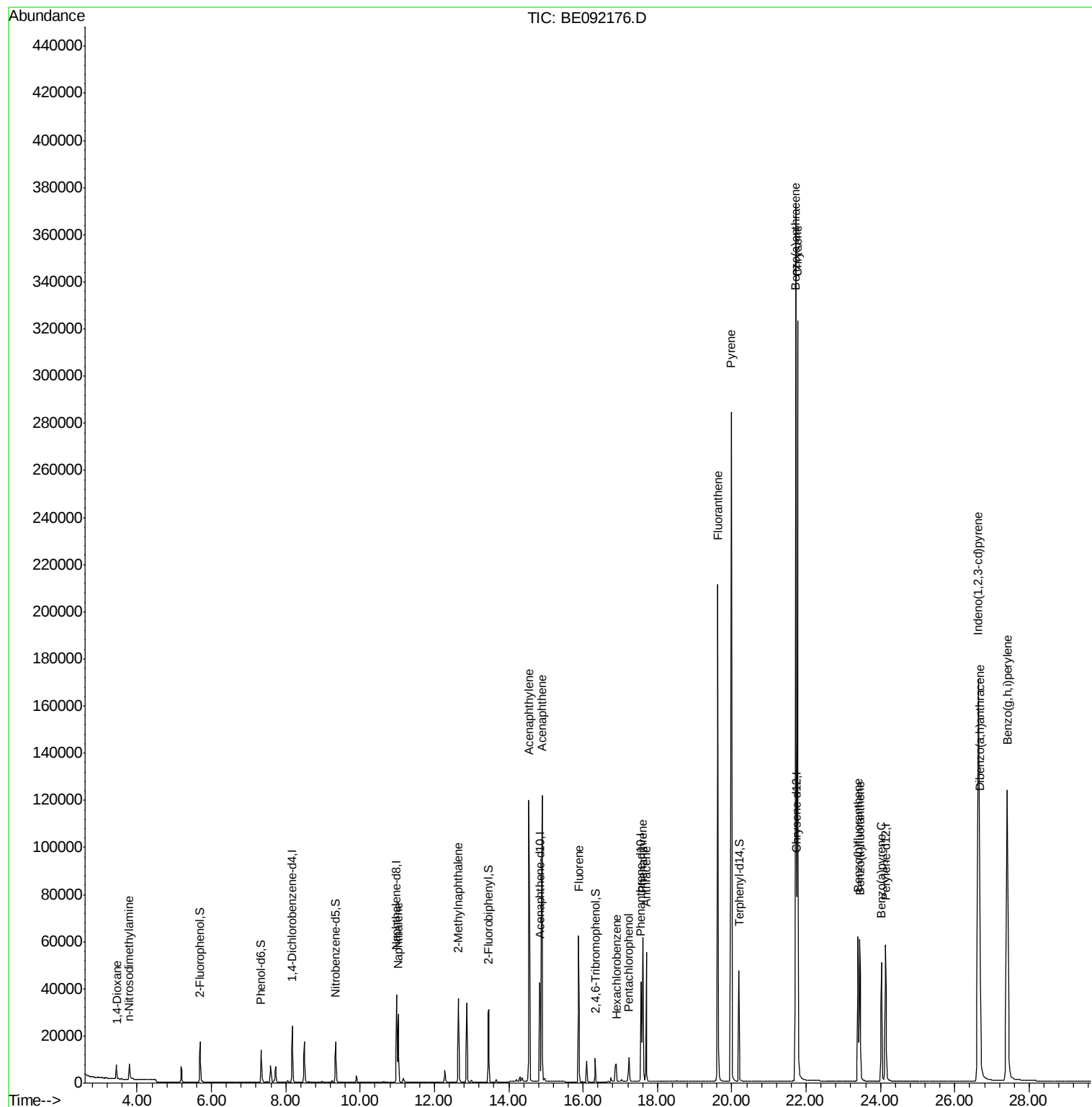
Target Compounds						Qvalue
2) 1,4-Dioxane	3.44	88	3868	2.38	ng	# 89
3) n-Nitrosodimethylamine	3.78	42	6074	2.73	ng	# 97
8) Naphthalene	11.03	128	40876	3.47	ng	95
9) 2-Methylnaphthalene	12.64	142	28419	3.65	ng	# 84
13) Acenaphthylene	14.54	152	187553	3.59	ng	98
14) Acenaphthene	14.90	154	31180	3.74	ng	# 93
15) Fluorene	15.88	166	37758	3.57	ng	99
17) Hexachlorobenzene	16.89	284	10616	3.40	ng	# 38
18) Pentachlorophenol	17.24	266	9015	7.68	ng	# 82
19) Phenanthrene	17.60	178	69100	3.97	ng	99
20) Anthracene	17.70	178	64298	3.78	ng	99
21) Fluoranthene	19.63	202	302836	3.88	ng	97
23) Pyrene	19.99	202	327367	3.74	ng	98
25) Benzo(a)anthracene	21.72	228	354227	3.85	ng	97
26) Chrysene	21.77	228	316075	3.43	ng	# 87
27) Indeno(1,2,3-cd)pyrene	26.63	276	377916	3.78	ng	100
29) Benzo(b)fluoranthene	23.40	252	86210	3.80	ng	97
30) Benzo(k)fluoranthene	23.45	252	84485	3.89	ng	95
31) Benzo(a)pyrene	24.02	252	81337	3.90	ng	95
32) Dibenzo(a,h)anthracene	26.67	278	78060	3.92	ng	# 92
33) Benzo(g,h,i)perylene	27.42	276	321415	3.78	ng	# 94

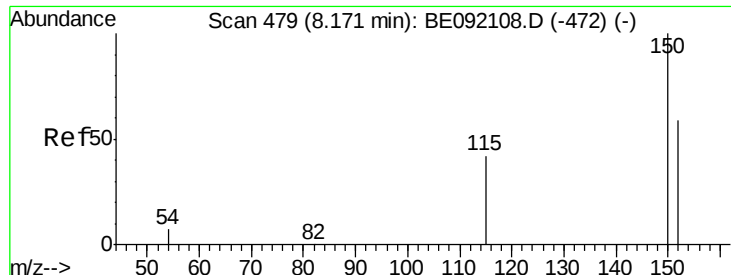
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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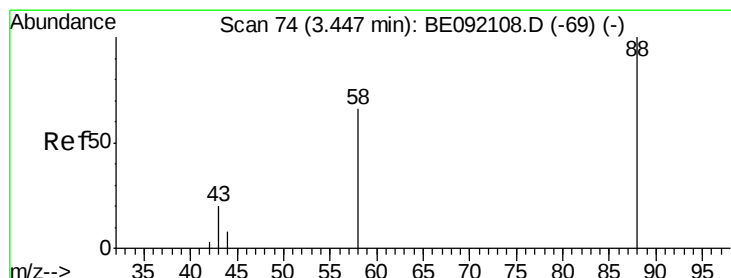
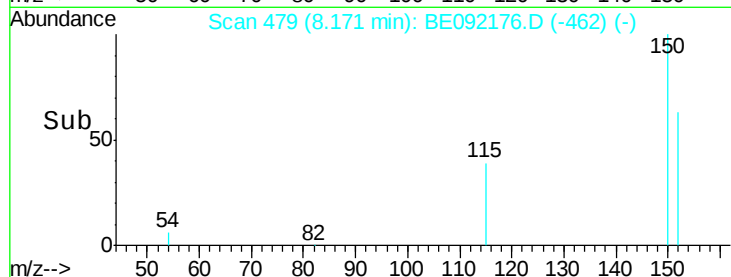
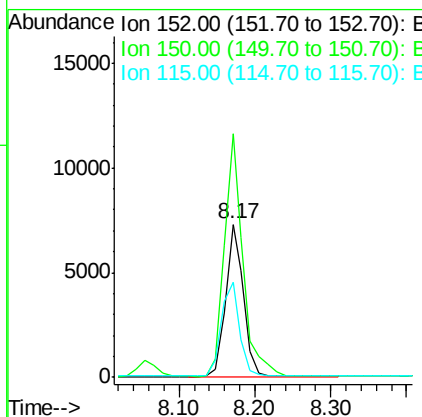
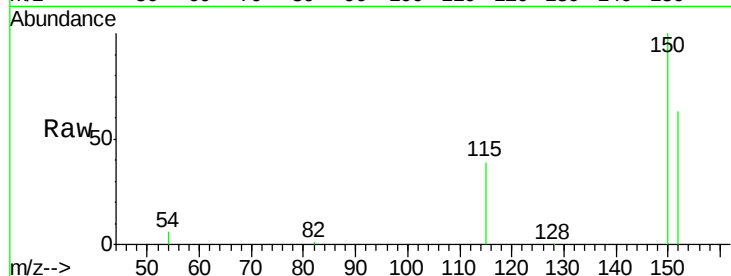




#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 8.17 min Scan# 479
 Delta R.T. -0.00 min
 Lab File: BE092176.D
 Acq: 4 Aug 2016 10:36

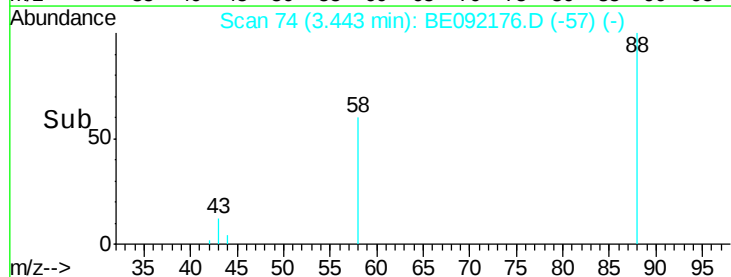
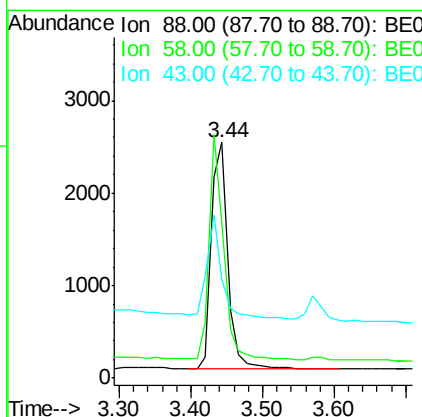
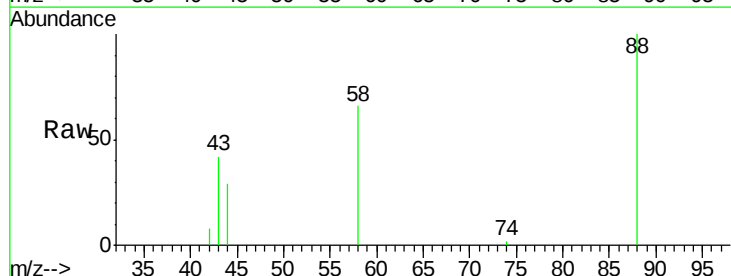
Instrument :
 BNA_E
 ClientSampleId :
 GW-44-8.6-15.0MSD

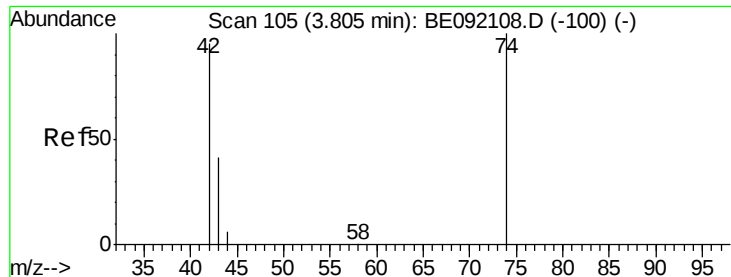
Tgt Ion:152 Resp: 11956
 Ion Ratio Lower Upper
 152 100
 150 159.0 106.0 159.0#
 115 61.9 36.9 55.3#



#2
 1,4-Dioxane
 Concen: 2.38 ng
 RT: 3.44 min Scan# 74
 Delta R.T. -0.00 min
 Lab File: BE092176.D
 Acq: 4 Aug 2016 10:36

Tgt Ion: 88 Resp: 3868
 Ion Ratio Lower Upper
 88 100
 58 86.5 62.1 93.1
 43 41.8 27.2 40.8#





#3

n-Nitrosodimethylamine

Concen: 2.73 ng

RT: 3.78 min Scan# 103

Delta R.T. -0.03 min

Lab File: BE092176.D

Acq: 4 Aug 2016 10:36

Instrument :

BNA_E

ClientSampleId :

GW-44-8.6-15.0MSD

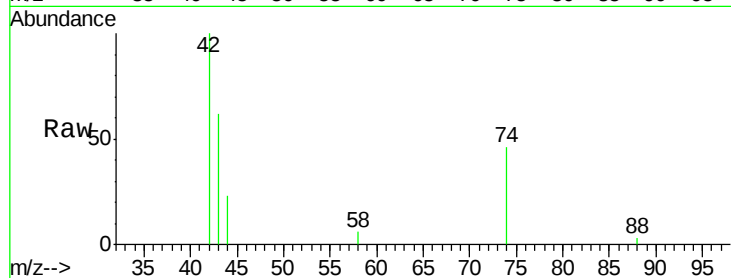
Tgt Ion: 42 Resp: 6074

Ion Ratio Lower Upper

42 100

74 101.4 82.8 124.2

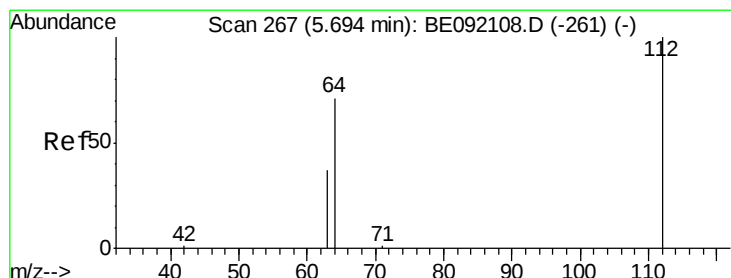
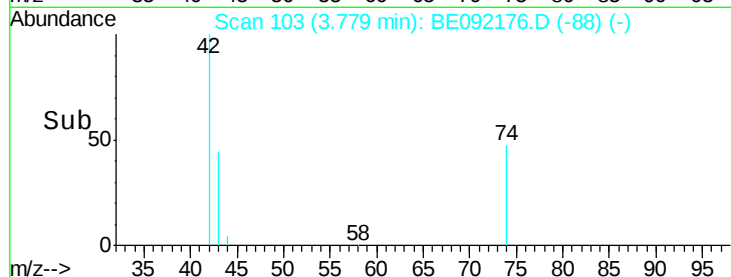
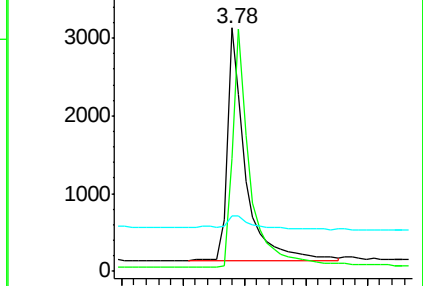
44 7.5 9.0 13.4#



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: 4.90 ng

RT: 5.69 min Scan# 267

Delta R.T. 0.00 min

Lab File: BE092176.D

Acq: 4 Aug 2016 10:36

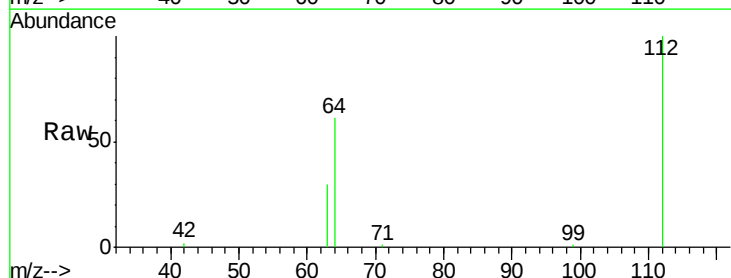
Tgt Ion: 112 Resp: 15031

Ion Ratio Lower Upper

112 100

64 67.3 55.9 83.9

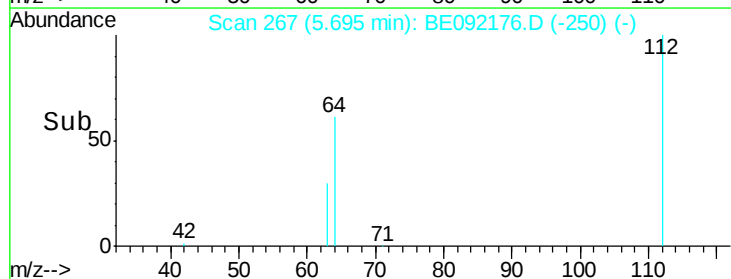
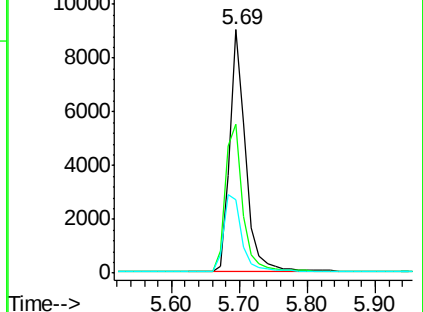
63 36.5 31.1 46.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 3.77 ng

RT: 7.34 min Scan# 409

Delta R.T. -0.01 min

Lab File: BE092176.D

Acq: 4 Aug 2016 10:36

Instrument :

BNA_E

ClientSampleId :

GW-44-8.6-15.0MSD

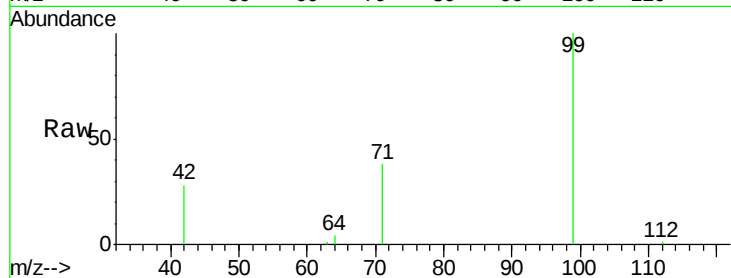
Tgt Ion: 99 Resp: 15436

Ion Ratio Lower Upper

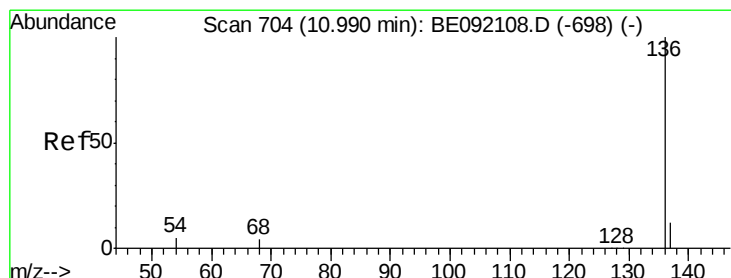
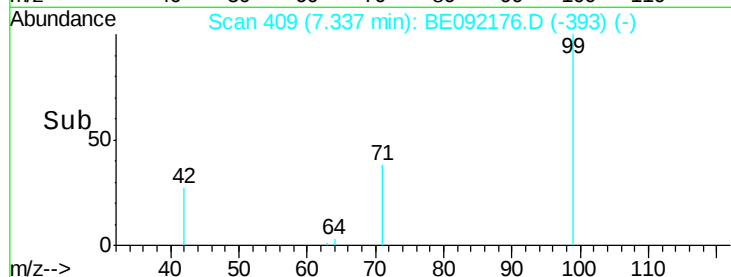
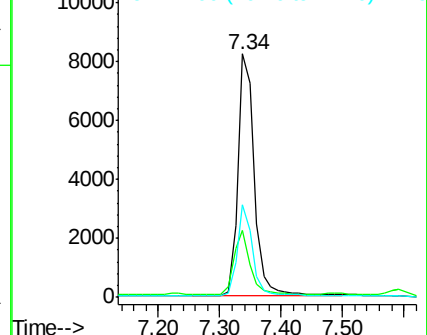
99 100

42 25.6 22.4 33.6

71 35.3 28.9 43.3



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

Naphthalene-d8

Concen: 5.00 ng

RT: 10.98 min Scan# 703

Delta R.T. -0.02 min

Lab File: BE092176.D

Acq: 4 Aug 2016 10:36

Tgt Ion: 136 Resp: 54782

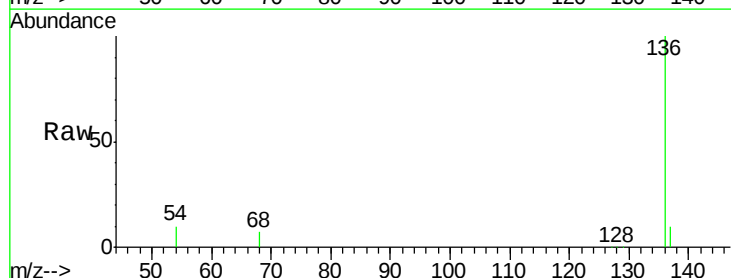
Ion Ratio Lower Upper

136 100

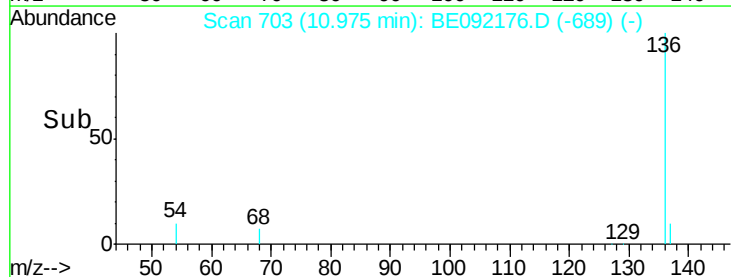
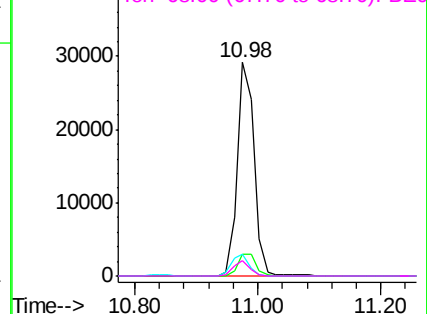
137 10.4 9.1 13.7

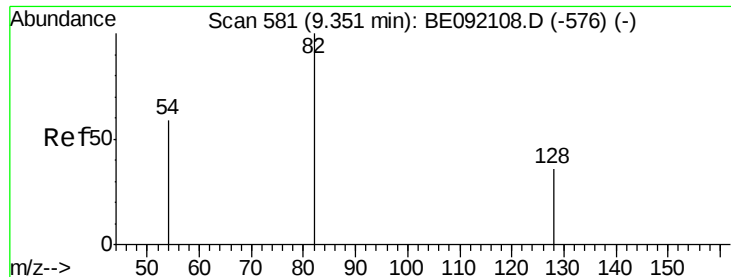
54 10.4 2.7 4.1#

68 7.3 2.2 3.4#



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





#7

Nitrobenzene-d5

Concen: 3.64 ng

RT: 9.34 min Scan# 580

Delta R.T. -0.01 min

Lab File: BE092176.D

Acq: 4 Aug 2016 10:36

Instrument :

BNA_E

ClientSampleId :

GW-44-8.6-15.0MSD

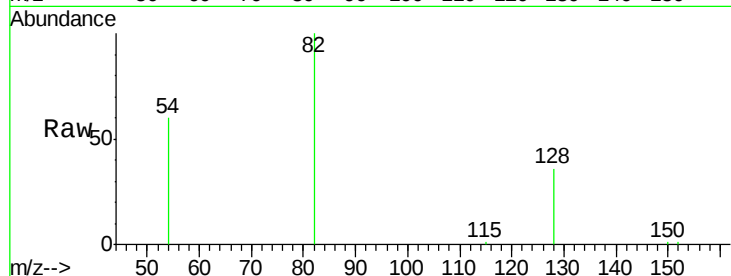
Tgt Ion: 82 Resp: 15743

Ion Ratio Lower Upper

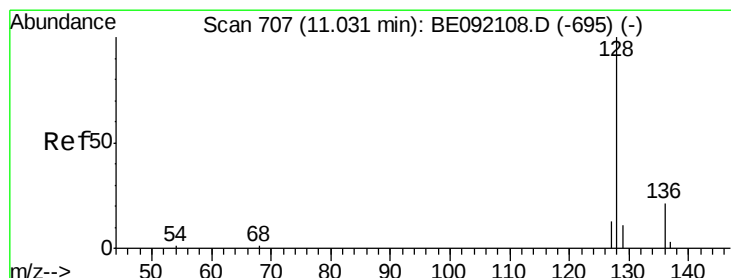
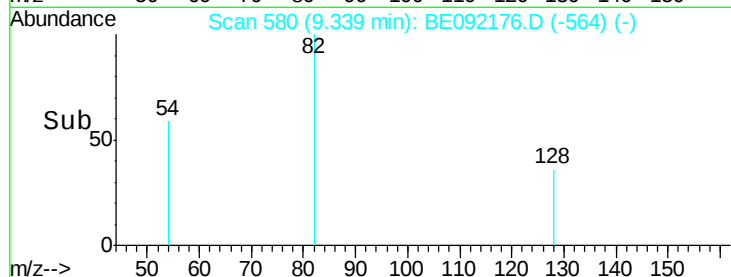
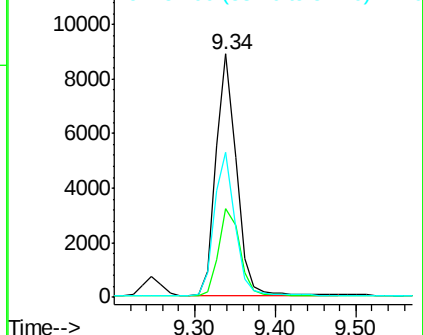
82 100

128 36.2 33.0 49.4

54 59.6 42.6 63.8



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



#8

Naphthalene

Concen: 3.47 ng

RT: 11.03 min Scan# 707

Delta R.T. -0.00 min

Lab File: BE092176.D

Acq: 4 Aug 2016 10:36

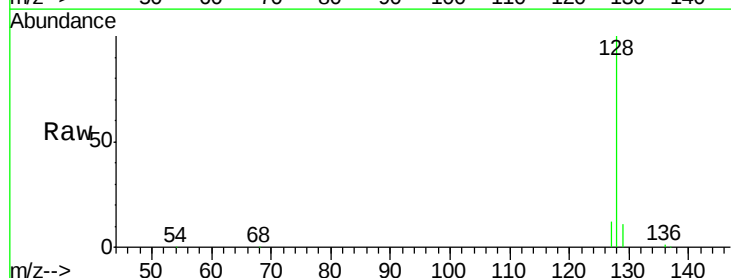
Tgt Ion: 128 Resp: 40876

Ion Ratio Lower Upper

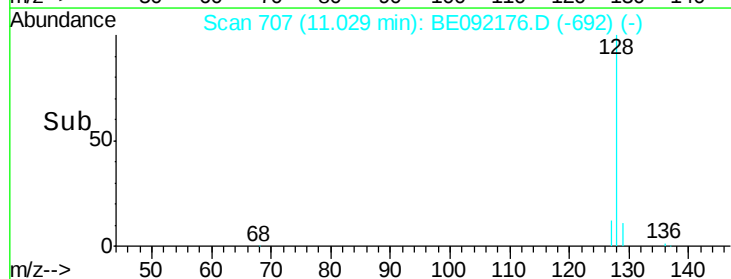
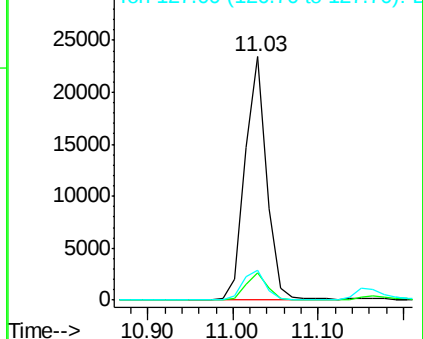
128 100

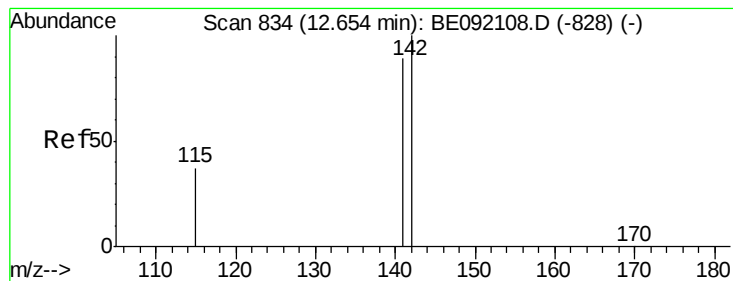
129 11.5 11.1 16.7

127 12.5 11.3 16.9



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E





#9

2-Methylnaphthalene

Concen: 3.65 ng

RT: 12.64 min Scan# 833

Delta R.T. -0.01 min

Lab File: BE092176.D

Acq: 4 Aug 2016 10:36

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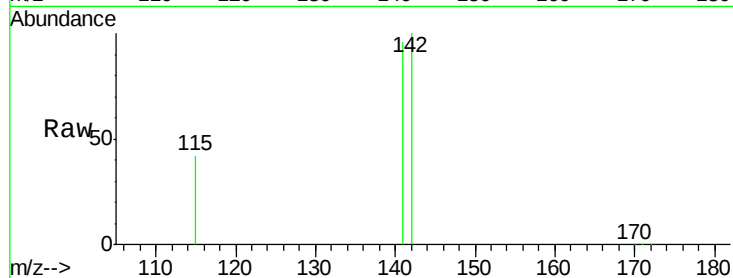
Tgt Ion:142 Resp: 28419

Ion Ratio Lower Upper

142 100

141 96.1 65.1 97.7

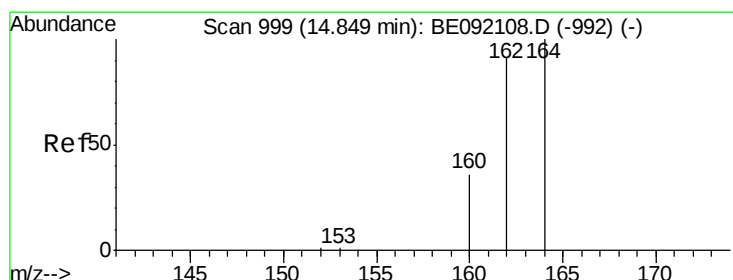
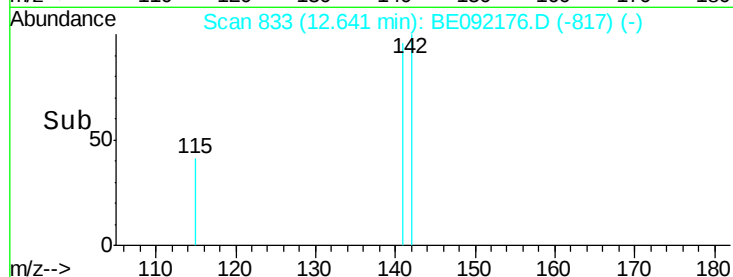
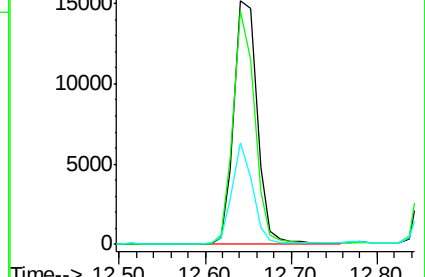
115 41.6 27.0 40.4#



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



#10

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.83 min Scan# 998

Delta R.T. -0.02 min

Lab File: BE092176.D

Acq: 4 Aug 2016 10:36

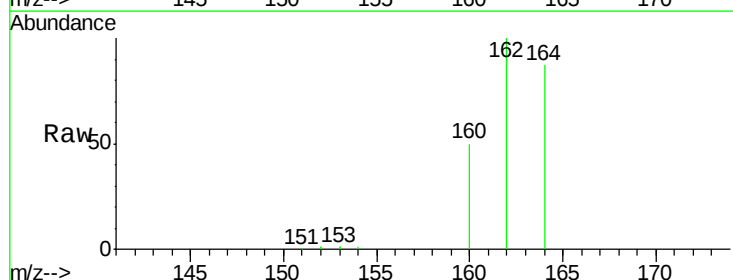
Tgt Ion:164 Resp: 29638

Ion Ratio Lower Upper

164 100

162 114.9 69.5 104.3#

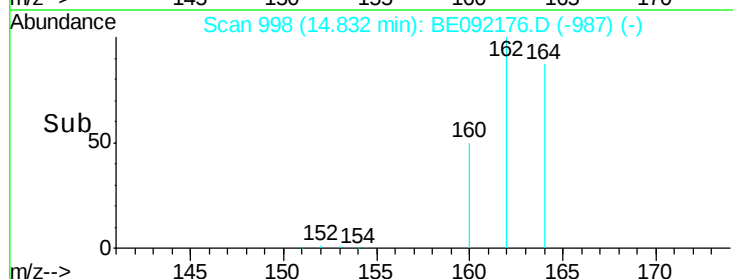
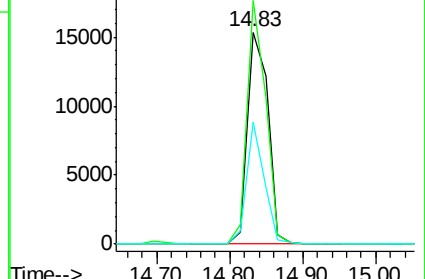
160 57.4 27.6 41.4#

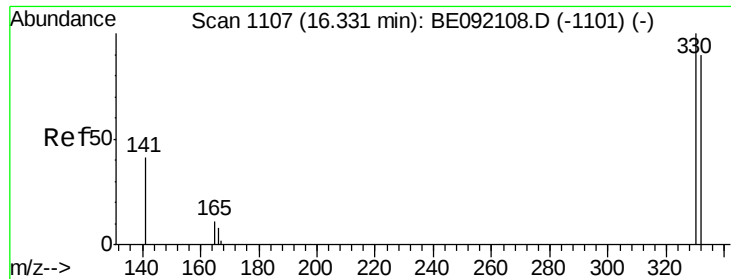


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

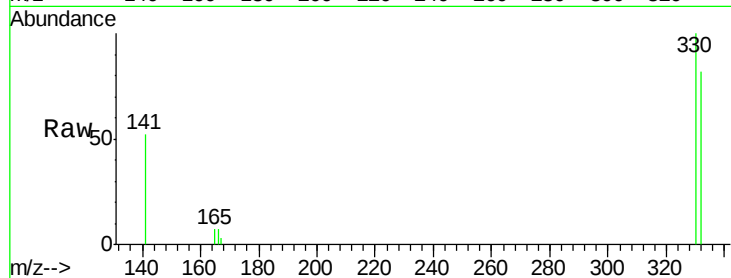




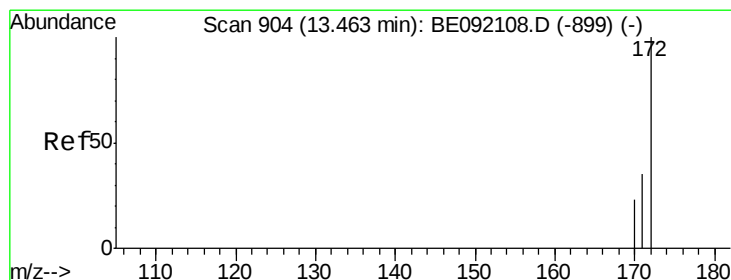
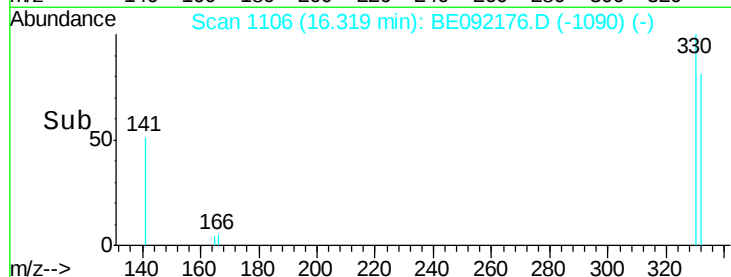
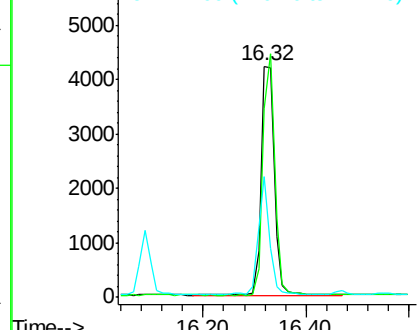
#11
 2,4,6-Tribromophenol
 Concen: 7.71 ng
 RT: 16.32 min Scan# 1106
 Delta R.T. -0.01 min
 Lab File: BE092176.D
 Acq: 4 Aug 2016 10:36

Instrument :
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Tgt Ion: 330 Resp: 7417
 Ion Ratio Lower Upper
 330 100
 332 95.6 74.2 111.4
 141 44.0 139.8 209.8#

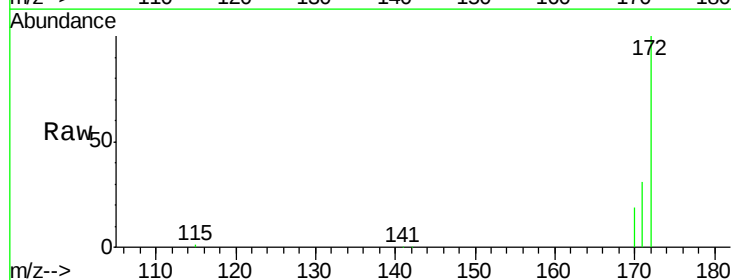


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

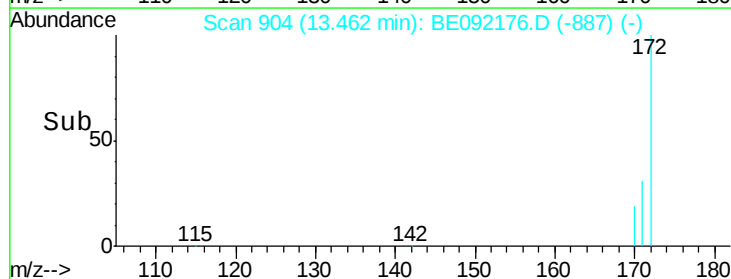
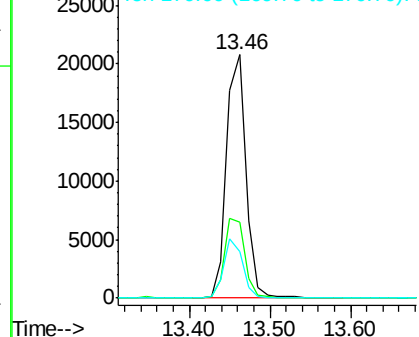


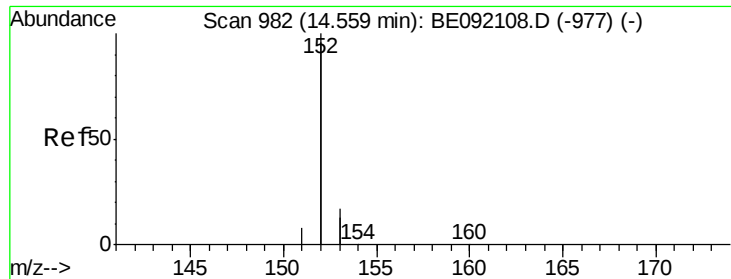
#12
 2-Fluorobiphenyl
 Concen: 3.66 ng
 RT: 13.46 min Scan# 904
 Delta R.T. -0.00 min
 Lab File: BE092176.D
 Acq: 4 Aug 2016 10:36

Tgt Ion: 172 Resp: 34371
 Ion Ratio Lower Upper
 172 100
 171 31.2 30.3 45.5
 170 19.1 21.6 32.4#



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#13

Acenaphthylene

Concen: 3.59 ng

RT: 14.54 min Scan# 981

Delta R.T. -0.02 min

Lab File: BE092176.D

Acq: 4 Aug 2016 10:36

Instrument :

BNA_E

ClientSampleId :

GW-44-8.6-15.0MSD

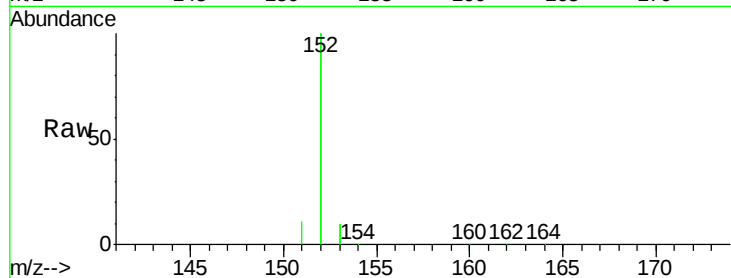
Tgt Ion:152 Resp: 187553

Ion Ratio Lower Upper

152 100

151 5.0 4.0 6.0

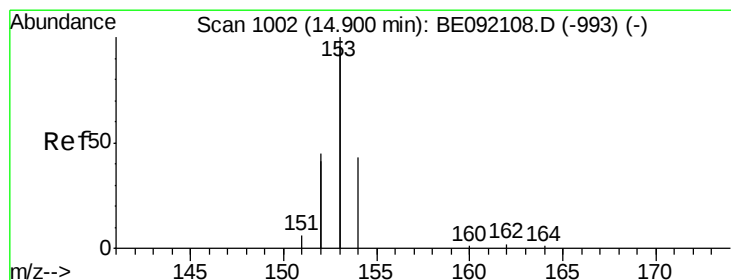
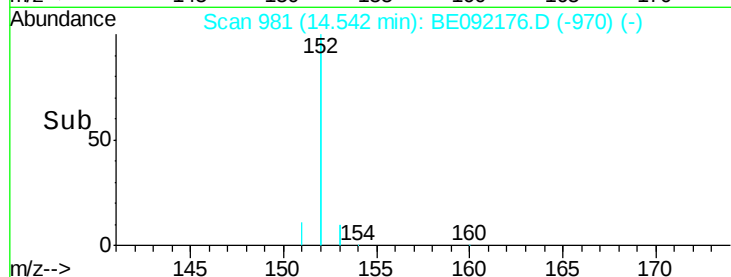
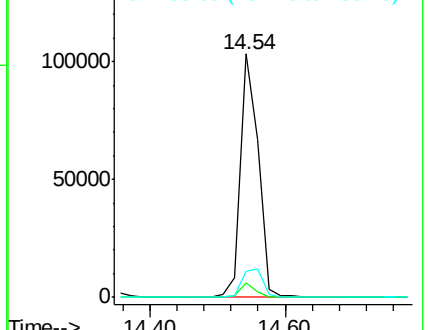
153 13.1 9.6 14.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#14

Acenaphthene

Concen: 3.74 ng

RT: 14.90 min Scan# 1002

Delta R.T. -0.00 min

Lab File: BE092176.D

Acq: 4 Aug 2016 10:36

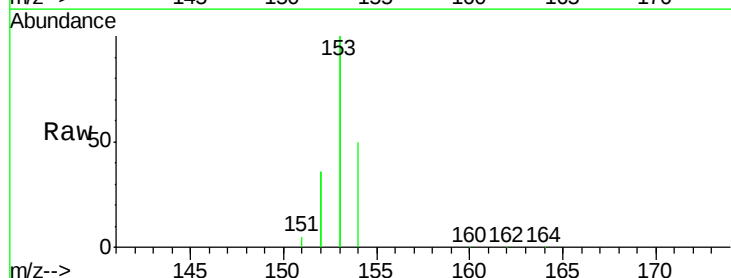
Tgt Ion:154 Resp: 31180

Ion Ratio Lower Upper

154 100

153 414.2 345.1 517.7

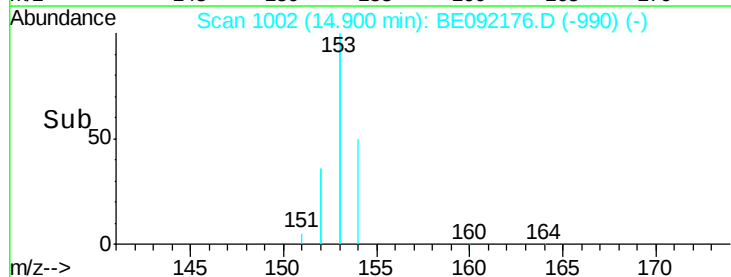
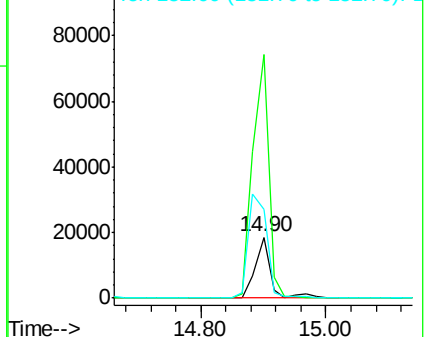
152 201.6 0.0 0.0#

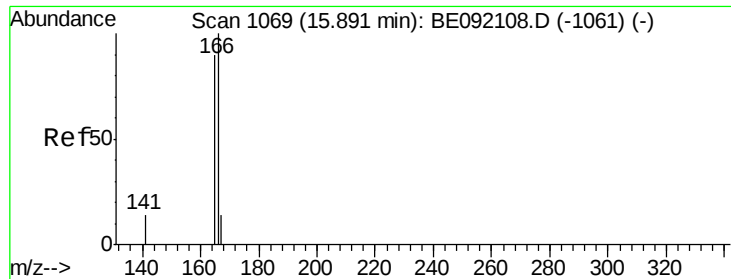


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#15

Fluorene

Concen: 3.57 ng

RT: 15.88 min Scan# 1068

Delta R.T. -0.01 min

Lab File: BE092176.D

Acq: 4 Aug 2016 10:36

Instrument :

BNA_E

ClientSampleId :

GW-44-8.6-15.0MSD

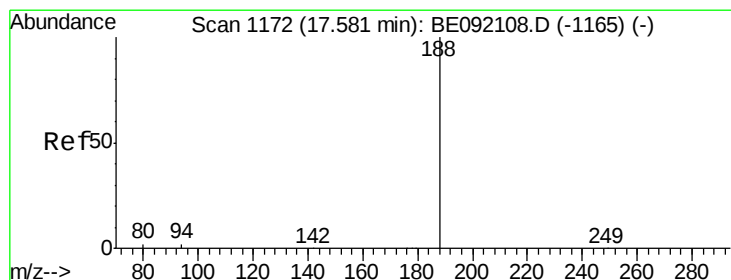
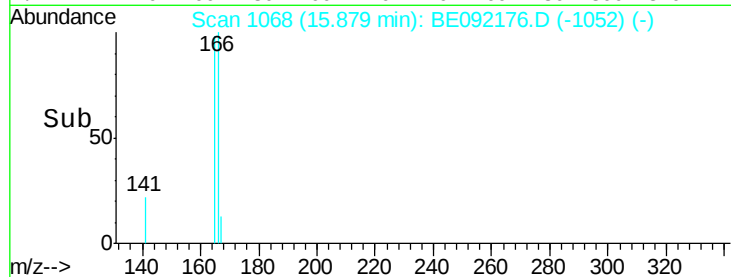
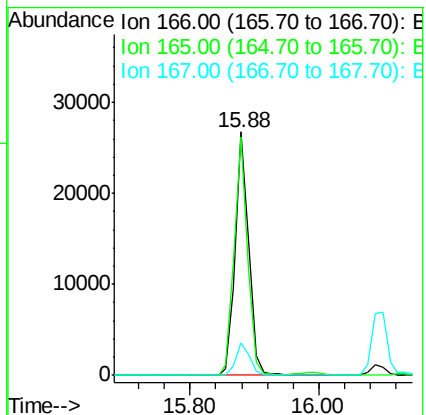
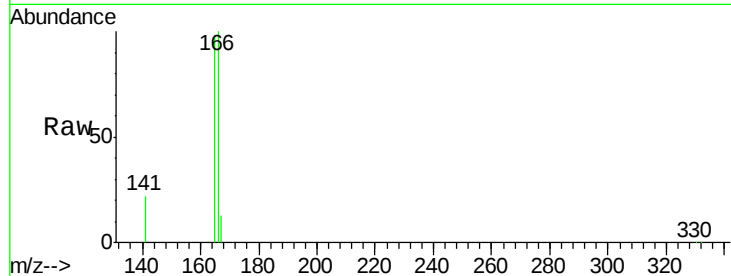
Tgt Ion:166 Resp: 37758

Ion Ratio Lower Upper

166 100

165 97.0 78.6 118.0

167 13.5 11.1 16.7



#16

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.56 min Scan# 1171

Delta R.T. -0.02 min

Lab File: BE092176.D

Acq: 4 Aug 2016 10:36

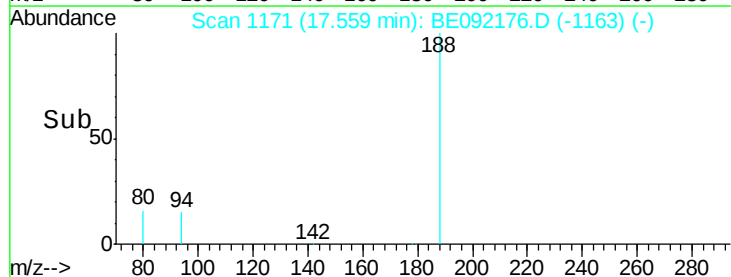
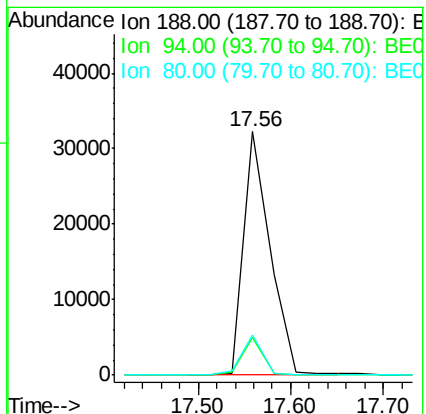
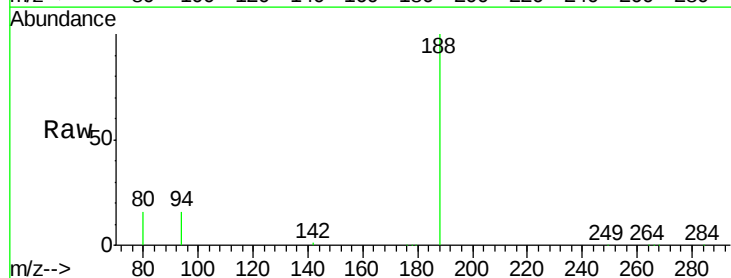
Tgt Ion:188 Resp: 63872

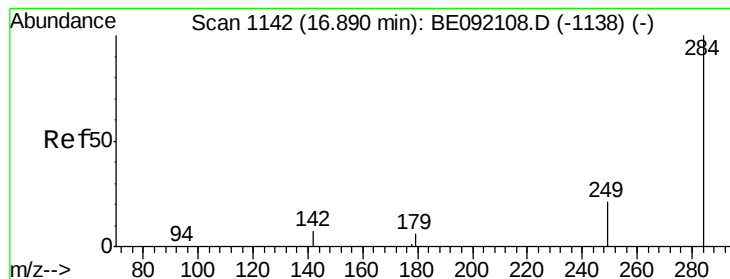
Ion Ratio Lower Upper

188 100

94 15.7 3.9 5.9#

80 16.3 3.4 5.0#





#17

Hexachlorobenzene

Concen: 3.40 ng

RT: 16.89 min Scan# 1142

Delta R.T. 0.00 min

Lab File: BE092176.D

Acq: 4 Aug 2016 10:36

Instrument :

BNA_E

ClientSampleId :

GW-44-8.6-15.0MSD

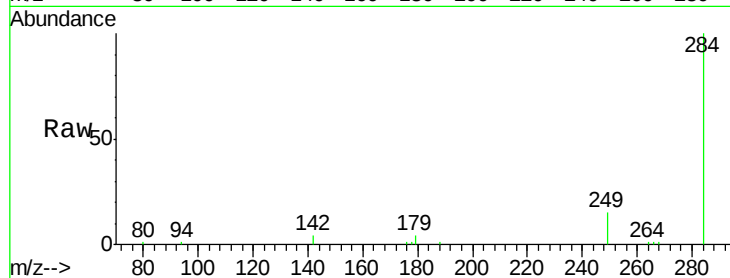
Tgt Ion:284 Resp: 10616

Ion Ratio Lower Upper

284 100

142 0.0 33.3 49.9#

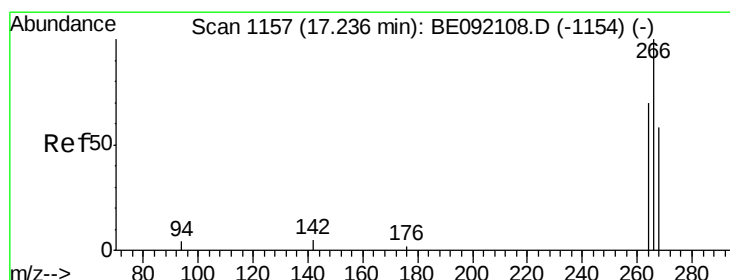
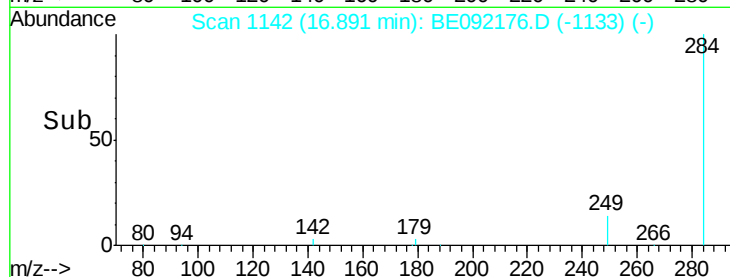
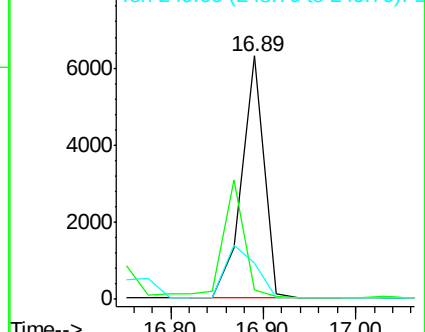
249 0.0 25.4 38.0#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#18

Pentachlorophenol

Concen: 7.68 ng

RT: 17.24 min Scan# 1157

Delta R.T. 0.00 min

Lab File: BE092176.D

Acq: 4 Aug 2016 10:36

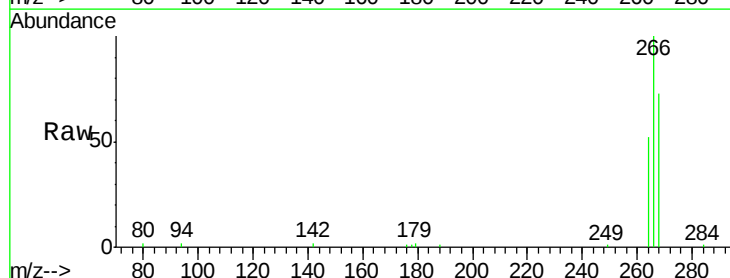
Tgt Ion:266 Resp: 9015

Ion Ratio Lower Upper

266 100

268 73.2 62.7 94.1

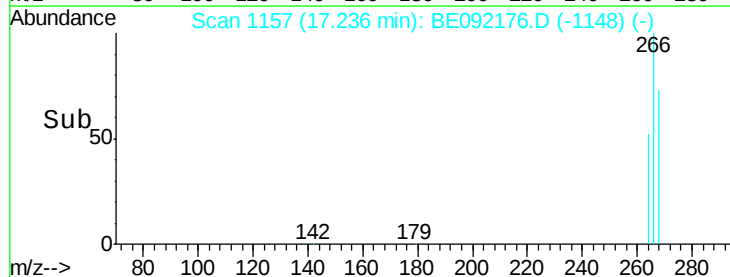
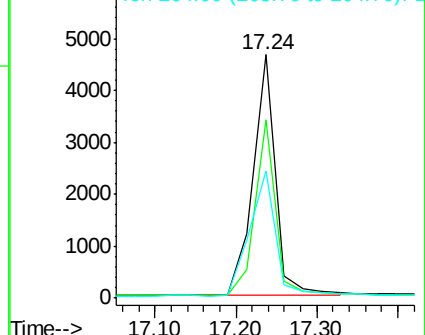
264 52.4 63.5 95.3#

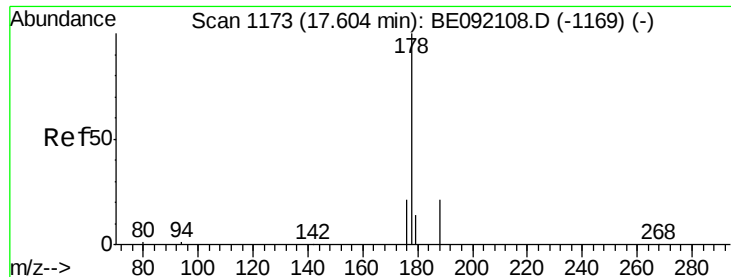


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#19

Phenanthrene

Concen: 3.97 ng

RT: 17.60 min Scan# 1173

Delta R.T. 0.00 min

Lab File: BE092176.D

Acq: 4 Aug 2016 10:36

Instrument :

BNA_E

ClientSampleId :

GW-44-8.6-15.0MSD

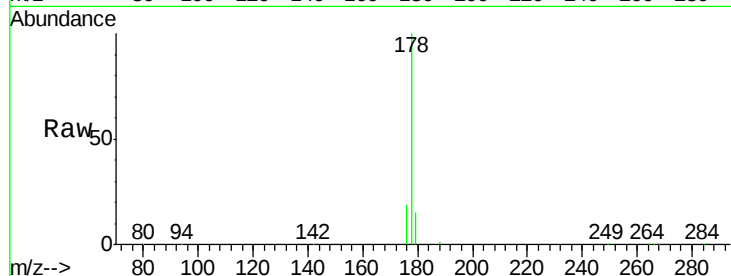
Tgt Ion:178 Resp: 69100

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.0

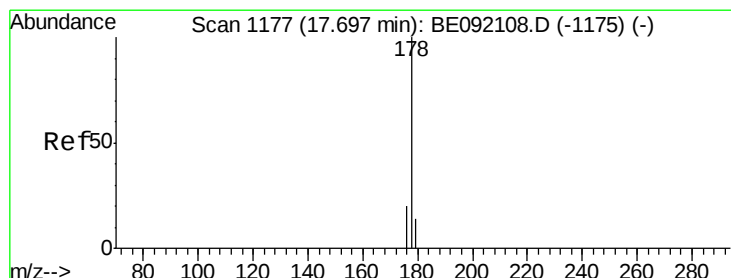
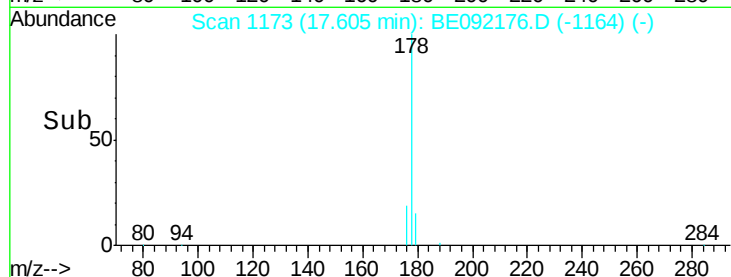
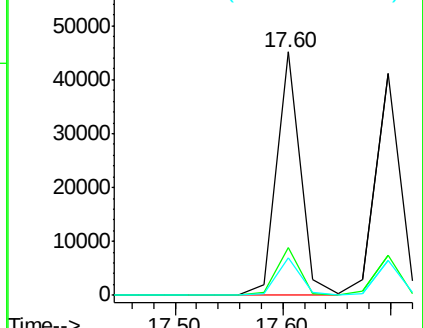
179 15.5 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#20

Anthracene

Concen: 3.78 ng

RT: 17.70 min Scan# 1177

Delta R.T. 0.00 min

Lab File: BE092176.D

Acq: 4 Aug 2016 10:36

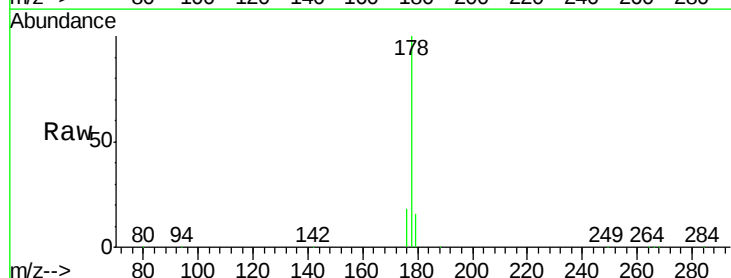
Tgt Ion:178 Resp: 64298

Ion Ratio Lower Upper

178 100

176 18.7 15.2 22.8

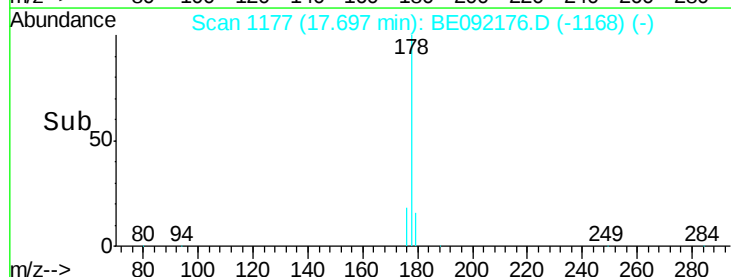
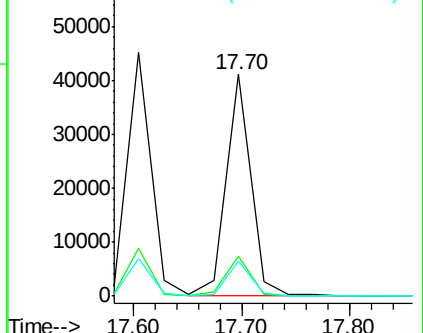
179 15.7 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#21

Fluoranthene

Concen: 3.88 ng

RT: 19.63 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BE092176.D

Acq: 4 Aug 2016 10:36

Instrument :

BNA_E

ClientSampleId :

GW-44-8.6-15.0MSD

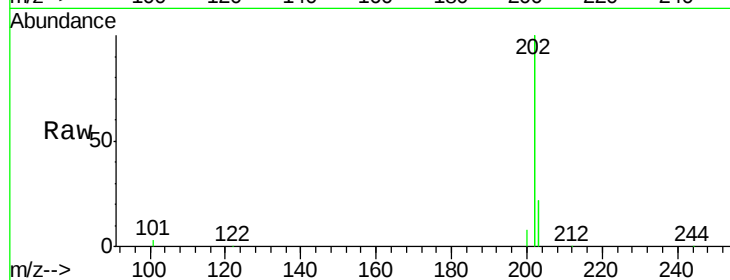
Tgt Ion: 202 Resp: 302836

Ion Ratio Lower Upper

202 100

101 2.9 2.2 3.2

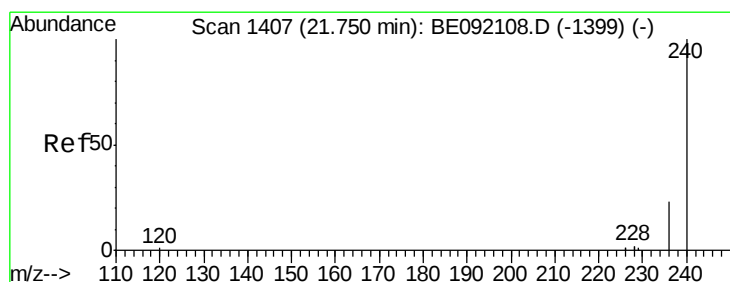
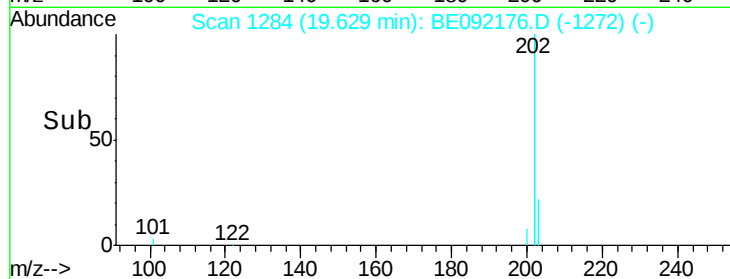
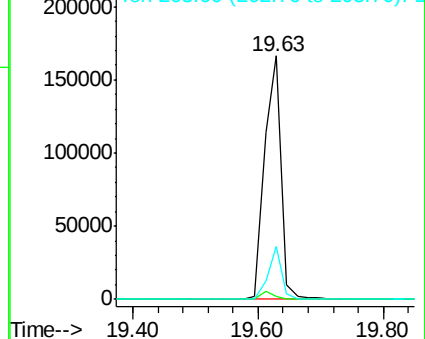
203 17.9 13.0 19.4



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



#22

Chrysene-d12

Concen: 5.00 ng

RT: 21.75 min Scan# 1407

Delta R.T. 0.00 min

Lab File: BE092176.D

Acq: 4 Aug 2016 10:36

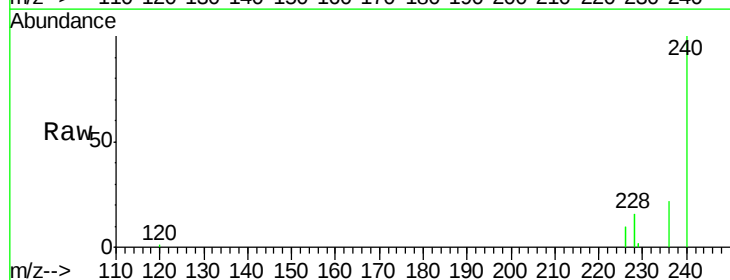
Tgt Ion: 240 Resp: 83661

Ion Ratio Lower Upper

240 100

120 1.0 0.6 1.0#

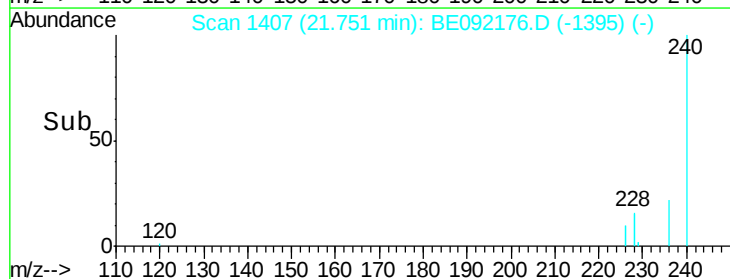
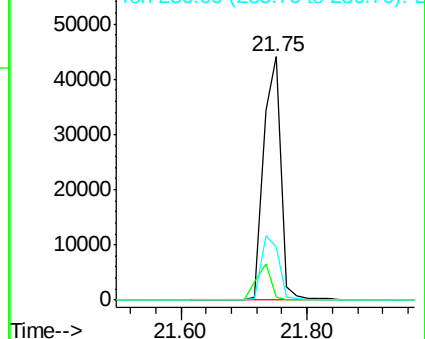
236 21.9 18.2 27.4

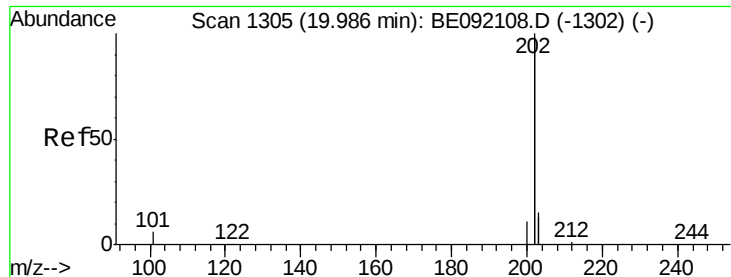


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

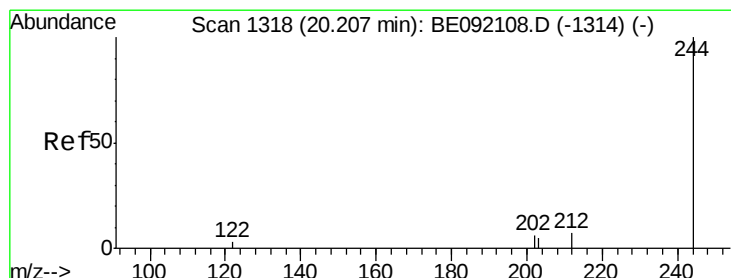
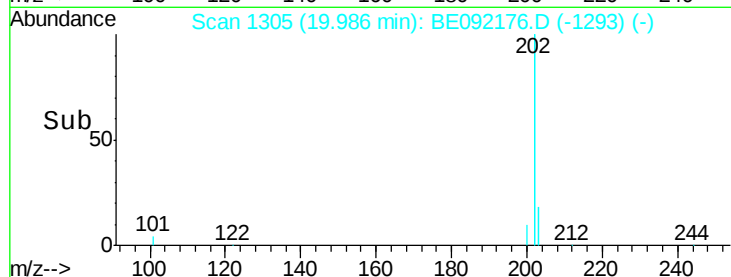
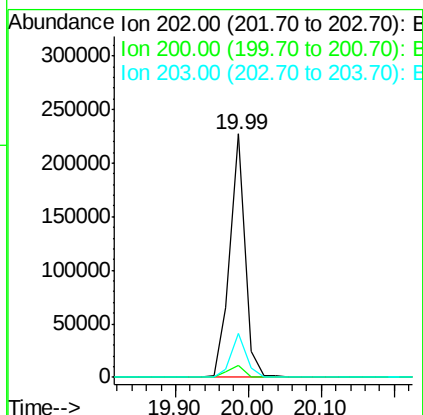
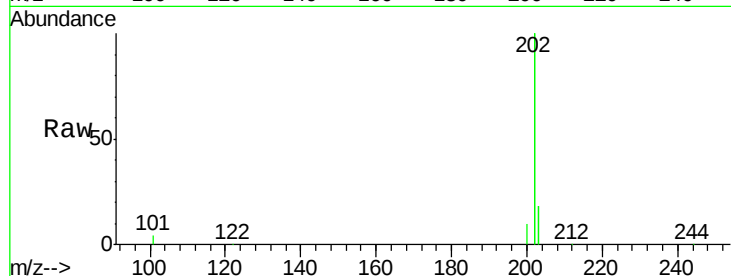




#23
 Pyrene
 Concen: 3.74 ng
 RT: 19.99 min Scan# 1305
 Delta R.T. 0.00 min
 Lab File: BE092176.D
 Acq: 4 Aug 2016 10:36

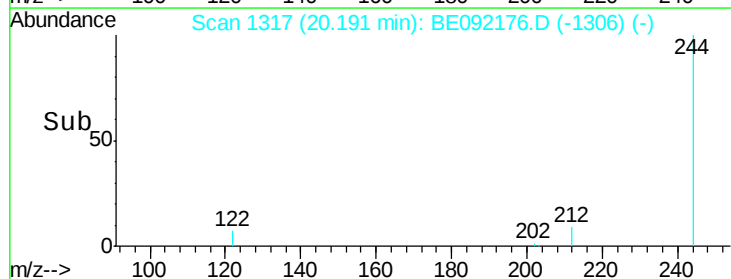
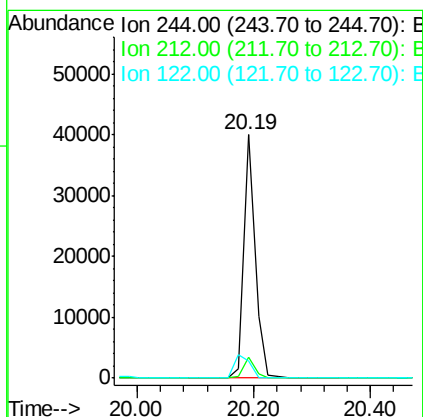
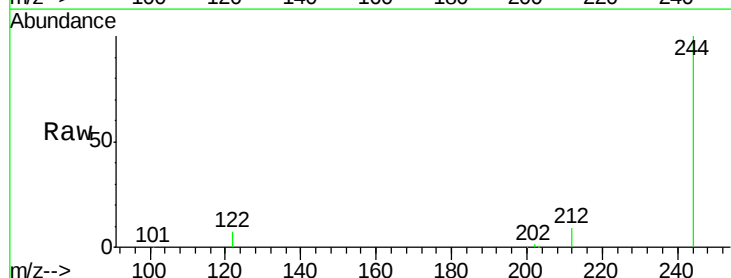
Instrument :
 BNA_E
 ClientSampleId :
 GW-44-8.6-15.0MSD

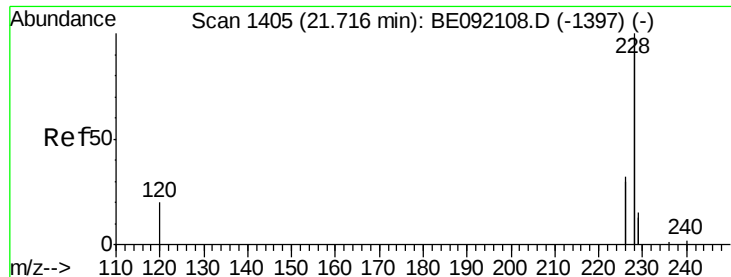
Tgt Ion: 202 Resp: 327367
 Ion Ratio Lower Upper
 202 100
 200 5.3 4.4 6.6
 203 18.0 13.4 20.0



#24
 Terphenyl-d14
 Concen: 4.48 ng
 RT: 20.19 min Scan# 1317
 Delta R.T. -0.02 min
 Lab File: BE092176.D
 Acq: 4 Aug 2016 10:36

Tgt Ion: 244 Resp: 53834
 Ion Ratio Lower Upper
 244 100
 212 8.8 9.1 13.7#
 122 6.8 11.0 16.4#

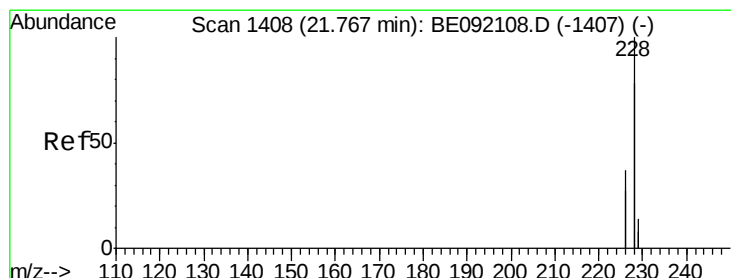
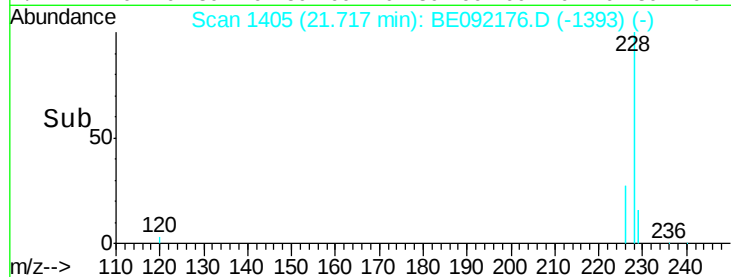
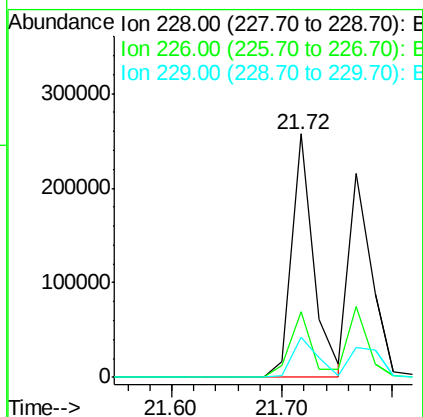
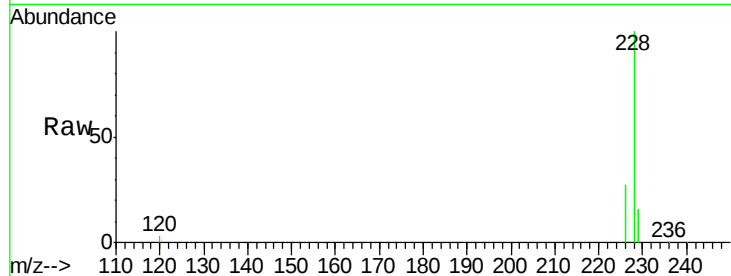




#25
Benzo(a)anthracene
Concen: 3.85 ng
RT: 21.72 min Scan# 1405
Delta R.T. 0.00 min
Lab File: BE092176.D
Acq: 4 Aug 2016 10:36

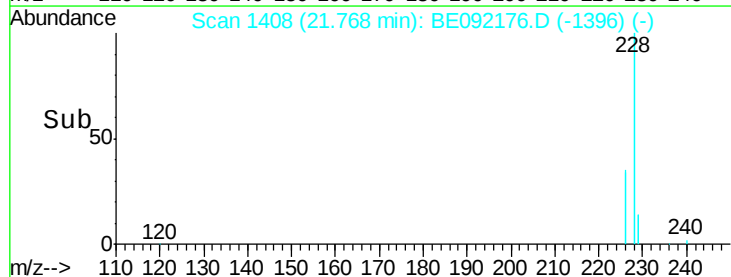
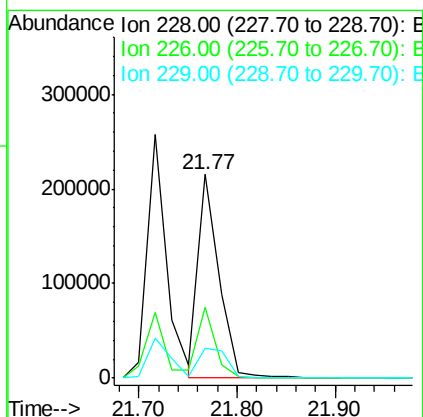
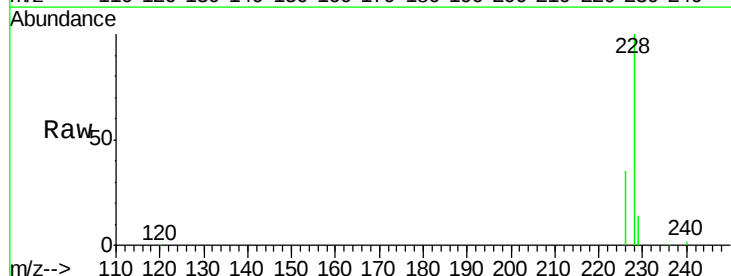
Instrument :
BNA_E
ClientSampleId :
GW-44-8.6-15.0MSD

Tgt Ion:228 Resp: 354227
Ion Ratio Lower Upper
228 100
226 27.2 22.1 33.1
229 16.4 15.1 22.7



#26
Chrysene
Concen: 3.43 ng
RT: 21.77 min Scan# 1408
Delta R.T. 0.00 min
Lab File: BE092176.D
Acq: 4 Aug 2016 10:36

Tgt Ion:228 Resp: 316075
Ion Ratio Lower Upper
228 100
226 34.6 22.3 33.5#
229 14.4 16.9 25.3#

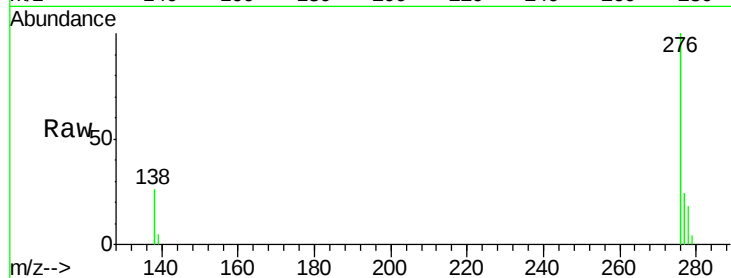




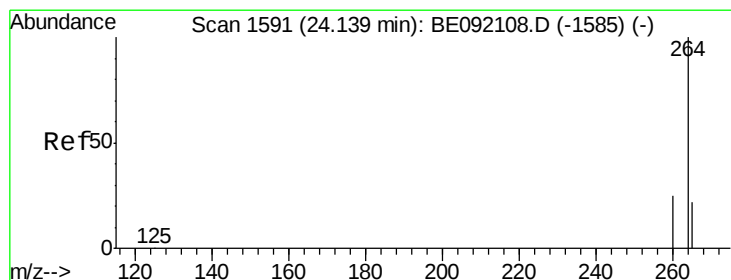
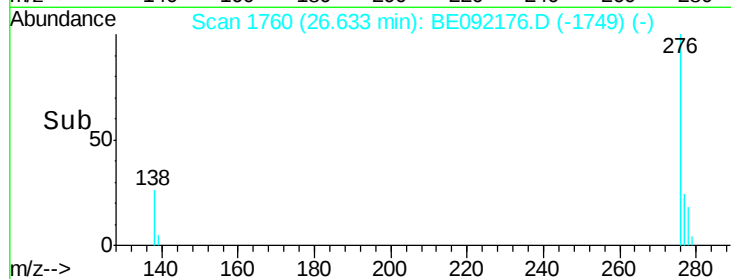
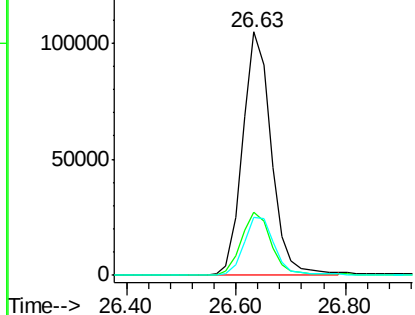
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 3.78 ng
 RT: 26.63 min Scan# 1760
 Delta R.T. -0.02 min
 Lab File: BE092176.D
 Acq: 4 Aug 2016 10:36

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

Tgt Ion: 276 Resp: 377916
 Ion Ratio Lower Upper
 276 100
 138 26.9 21.2 31.8
 277 24.9 19.8 29.8

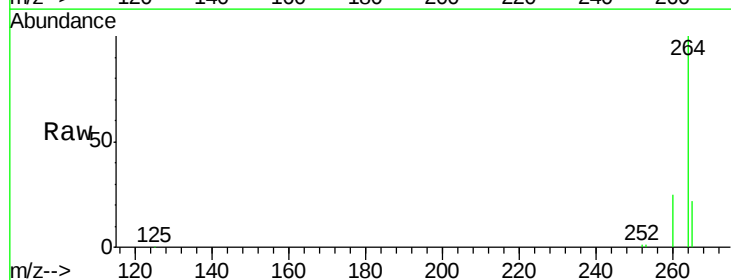


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

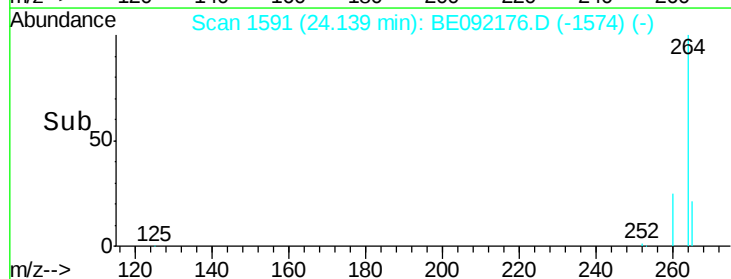
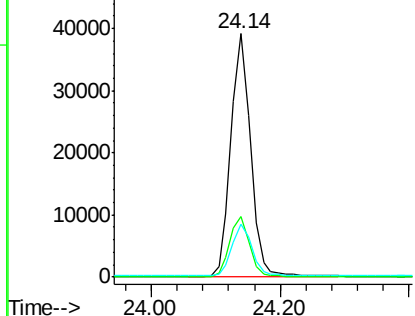


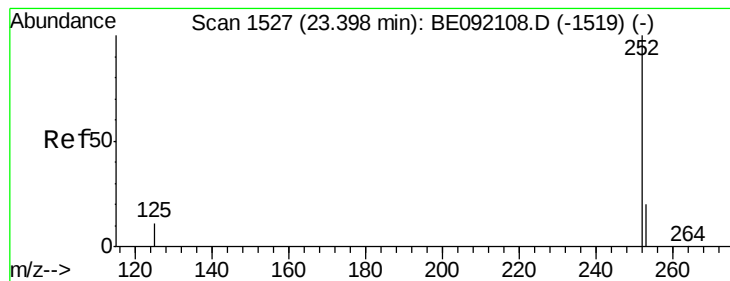
#28
 Perylene-d12
 Concen: 5.00 ng
 RT: 24.14 min Scan# 1591
 Delta R.T. 0.00 min
 Lab File: BE092176.D
 Acq: 4 Aug 2016 10:36

Tgt Ion: 264 Resp: 82926
 Ion Ratio Lower Upper
 264 100
 260 25.0 20.8 31.2
 265 22.0 16.6 25.0



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





#29

Benzo(b)fluoranthene

Concen: 3.80 ng

RT: 23.40 min Scan# 1527

Delta R.T. 0.00 min

Lab File: BE092176.D

Acq: 4 Aug 2016 10:36

Instrument :

BNA_E

ClientSampleId :

GW-44-8.6-15.0MSD

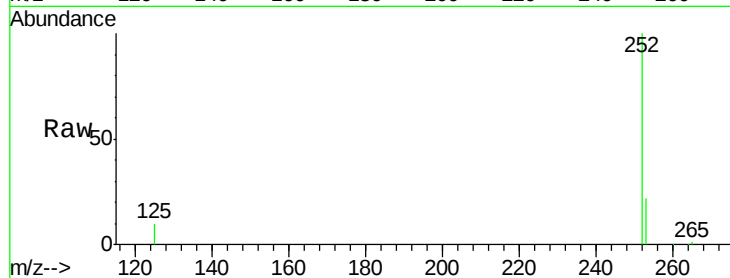
Tgt Ion:252 Resp: 86210

Ion Ratio Lower Upper

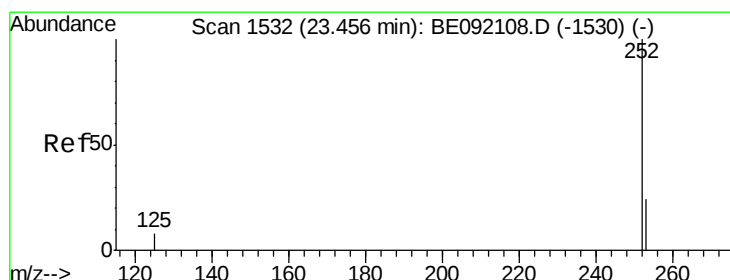
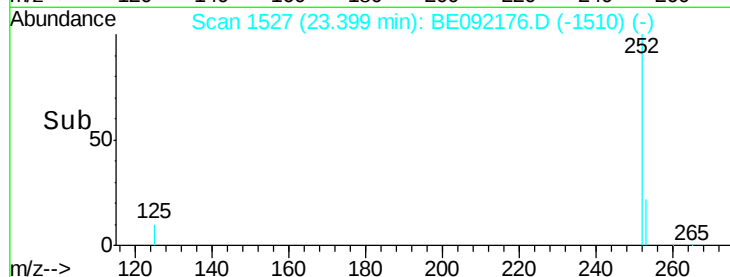
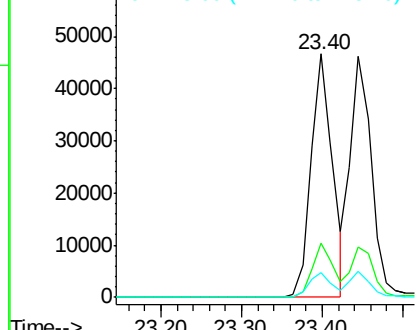
252 100

253 22.1 17.4 26.0

125 10.3 10.2 15.2



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



#30

Benzo(k)fluoranthene

Concen: 3.89 ng

RT: 23.45 min Scan# 1531

Delta R.T. -0.01 min

Lab File: BE092176.D

Acq: 4 Aug 2016 10:36

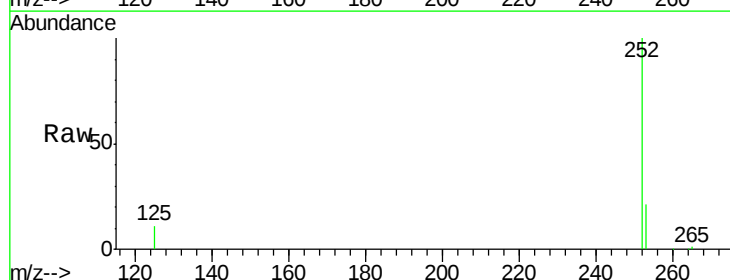
Tgt Ion:252 Resp: 84485

Ion Ratio Lower Upper

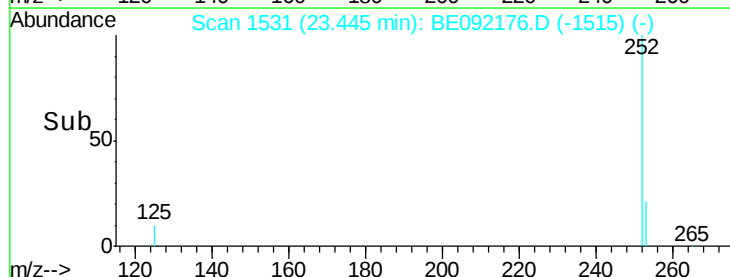
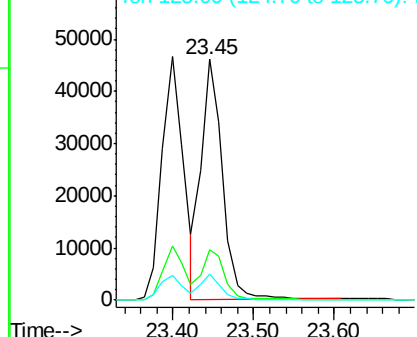
252 100

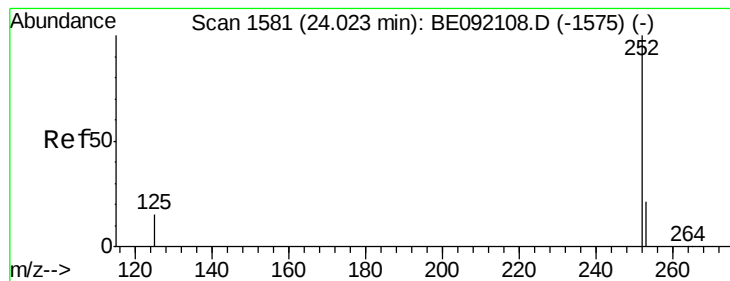
253 21.1 19.4 29.0

125 10.6 8.9 13.3



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





#31

Benzo(a)pyrene

Concen: 3.90 ng

RT: 24.02 min Scan# 1581

Delta R.T. 0.00 min

Lab File: BE092176.D

Acq: 4 Aug 2016 10:36

Instrument :

BNA_E

ClientSampleId :

GW-44-8.6-15.0MSD

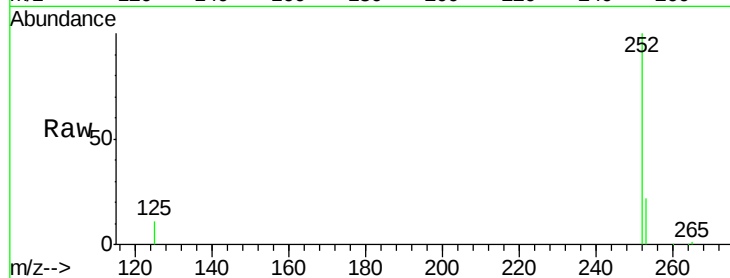
Tgt Ion: 252 Resp: 81337

Ion Ratio Lower Upper

252 100

253 21.7 19.8 29.8

125 11.5 10.4 15.6

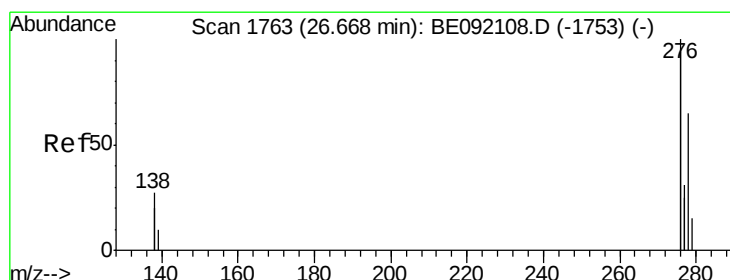
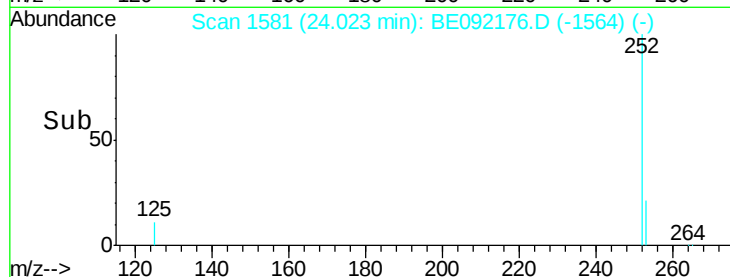
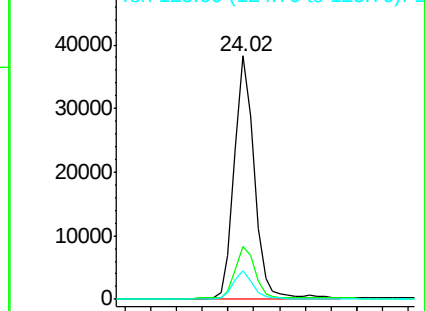


Abundance

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



#32

Dibenzo(a,h)anthracene

Concen: 3.92 ng

RT: 26.67 min Scan# 1762

Delta R.T. -0.00 min

Lab File: BE092176.D

Acq: 4 Aug 2016 10:36

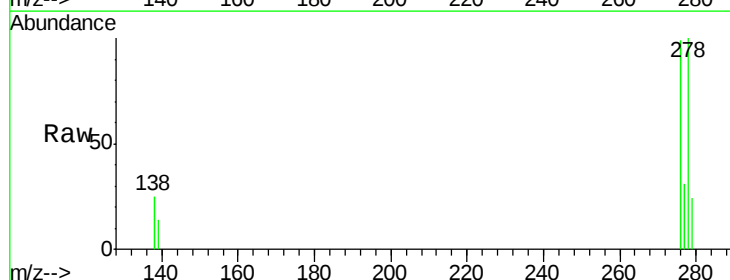
Tgt Ion: 278 Resp: 78060

Ion Ratio Lower Upper

278 100

139 13.8 16.7 25.1#

279 24.5 20.3 30.5

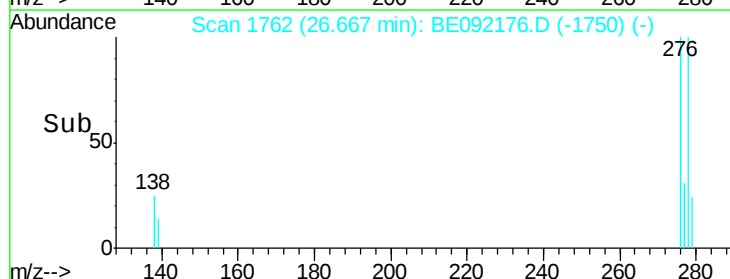
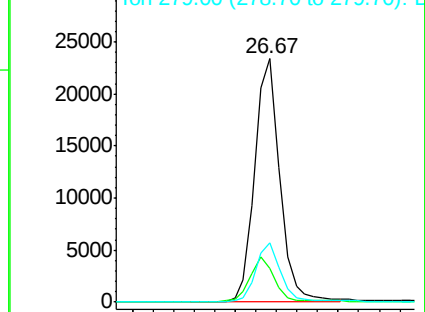


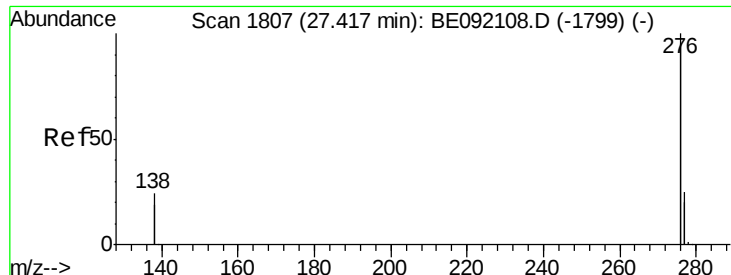
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Benzo(g,h,i)perylene

Concen: 3.78 ng

RT: 27.42 min Scan# 1806

Delta R.T. -0.00 min

Lab File: BE092176.D

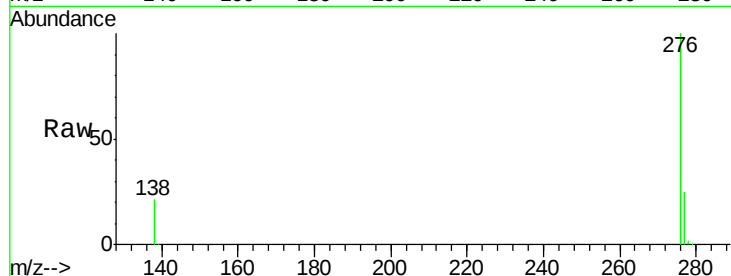
Acq: 4 Aug 2016 10:36

Instrument :

BNA_E

ClientSampleId :

GW-44-8.6-15.0MSD



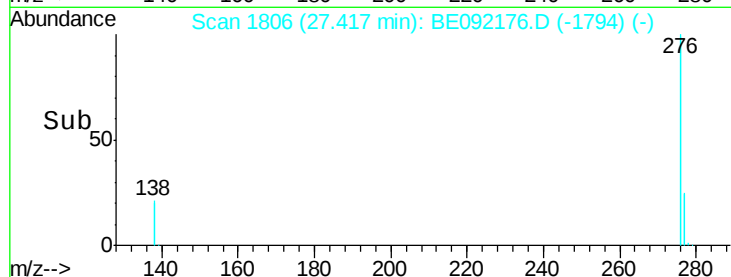
Tgt Ion: 276 Resp: 321415

Ion Ratio Lower Upper

276 100

277 24.9 19.5 29.3

138 20.7 20.8 31.2#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

