

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080316\
 Data File : BE092175.D
 Acq On : 4 Aug 2016 10:00
 Operator : UM/SJ
 Sample : H4221-22MS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

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

Quant Time: Aug 04 14:12:27 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	12216	5.00	ng	0.00
6) Naphthalene-d8	10.98	136	56534	5.00	ng	-0.01
10) Acenaphthene-d10	14.83	164	30832	5.00	ng	-0.02
16) Phenanthrene-d10	17.56	188	67479	5.00	ng	-0.02
22) Chrysene-d12	21.75	240	88408	5.00	ng	0.00
28) Perylene-d12	24.14	264	87277	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.70	112	12245	3.90	ng	0.00
5) Phenol-d6	7.34	99	11268	2.70	ng	-0.01
7) Nitrobenzene-d5	9.34	82	15337	3.44	ng	-0.01
11) 2,4,6-Tribromophenol	16.32	330	7587	7.58	ng	-0.01
12) 2-Fluorobiphenyl	13.46	172	34073	3.49	ng	0.00
24) Terphenyl-d14	20.19	244	56111	4.42	ng	-0.02

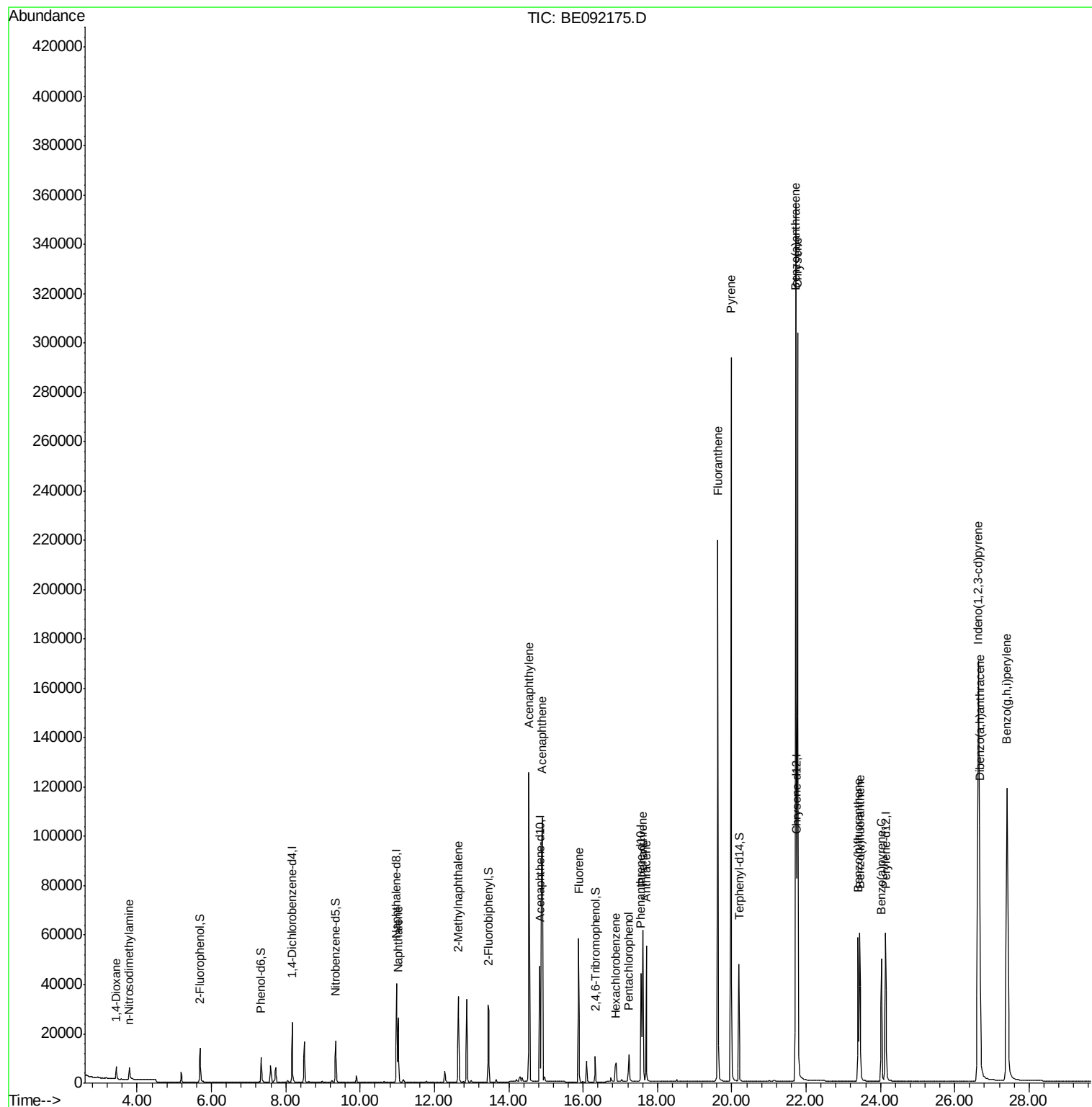
Target Compounds						Qvalue
2) 1,4-Dioxane	3.43	88	2988	1.80	ng	# 89
3) n-Nitrosodimethylamine	3.78	42	4522	2.01	ng	# 96
8) Naphthalene	11.03	128	38920	3.20	ng	95
9) 2-Methylnaphthalene	12.64	142	26838	3.34	ng	87
13) Acenaphthylene	14.54	152	179025	3.29	ng	97
14) Acenaphthene	14.90	154	27498	3.17	ng	# 92
15) Fluorene	15.88	166	36272	3.30	ng	100
17) Hexachlorobenzene	16.89	284	10120	3.07	ng	# 38
18) Pentachlorophenol	17.24	266	9332	7.53	ng	# 83
19) Phenanthrene	17.60	178	69111	3.76	ng	99
20) Anthracene	17.70	178	63891	3.56	ng	99
21) Fluoranthene	19.63	202	296632	3.59	ng	97
23) Pyrene	19.99	202	327406	3.54	ng	98
25) Benzo(a)anthracene	21.72	228	341024	3.51	ng	# 93
26) Chrysene	21.77	228	314639	3.23	ng	# 85
27) Indeno(1,2,3-cd)pyrene	26.63	276	365045	3.45	ng	100
29) Benzo(b)fluoranthene	23.40	252	86597	3.63	ng	97
30) Benzo(k)fluoranthene	23.45	252	82133	3.59	ng	96
31) Benzo(a)pyrene	24.02	252	76842	3.50	ng	95
32) Dibenzo(a,h)anthracene	26.67	278	75282	3.60	ng	# 92
33) Benzo(g,h,i)perylene	27.40	276	310755	3.48	ng	96

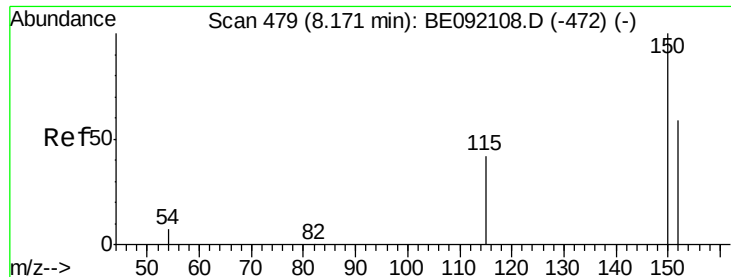
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE092175.D

Acq: 4 Aug 2016 10:00

Instrument :

BNA_E

ClientSampleId :

GW-44-8.6-15.0MS

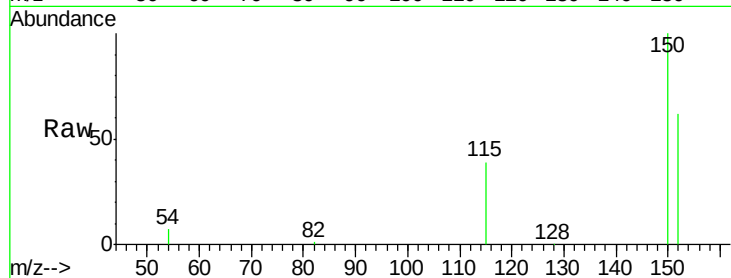
Tgt Ion:152 Resp: 12216

Ion Ratio Lower Upper

152 100

150 162.1 106.0 159.0#

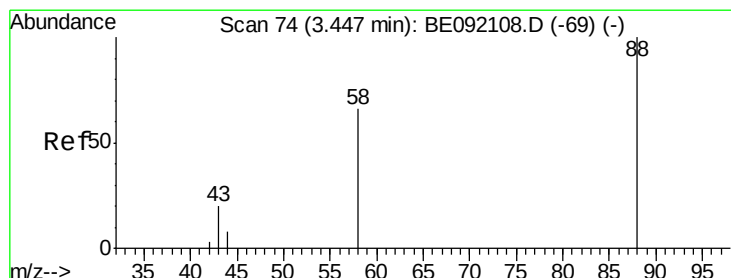
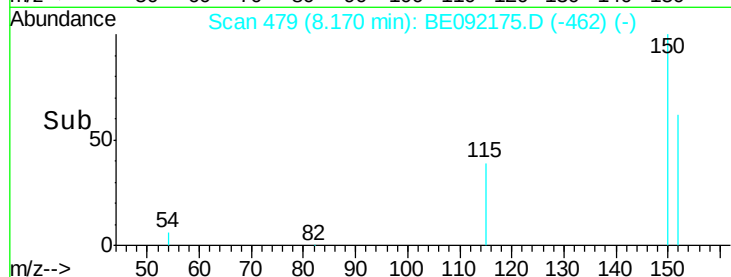
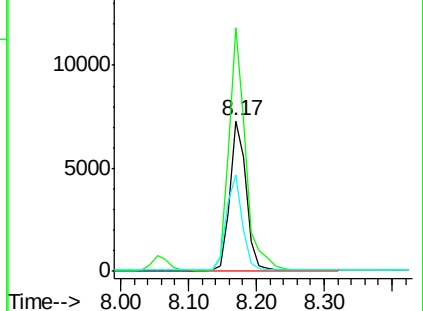
115 63.9 36.9 55.3#



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: 1.80 ng

RT: 3.43 min Scan# 73

Delta R.T. -0.01 min

Lab File: BE092175.D

Acq: 4 Aug 2016 10:00

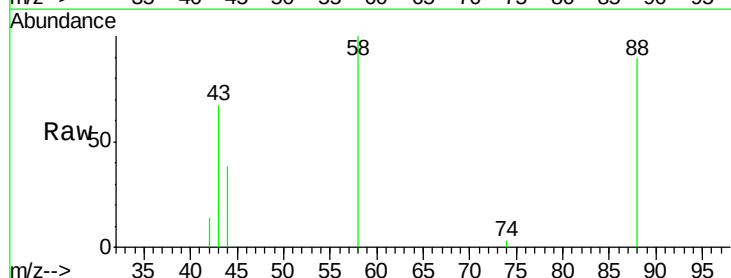
Tgt Ion: 88 Resp: 2988

Ion Ratio Lower Upper

88 100

58 86.0 62.1 93.1

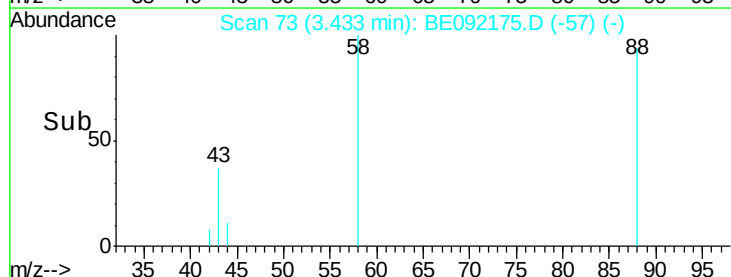
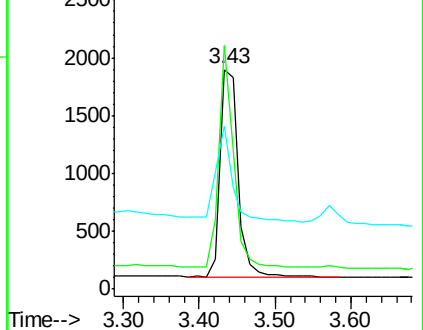
43 41.6 27.2 40.8#

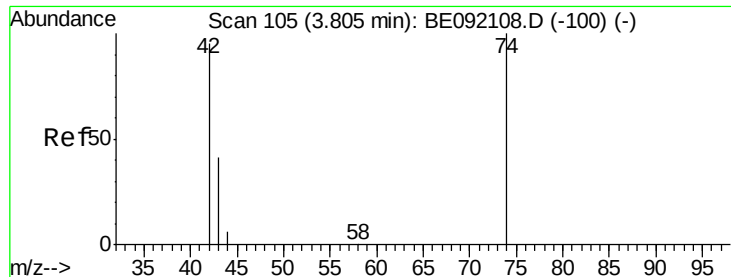


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 2.01 ng

RT: 3.78 min Scan# 103

Delta R.T. -0.03 min

Lab File: BE092175.D

Acq: 4 Aug 2016 10:00

Instrument :

BNA_E

ClientSampleId :

GW-44-8.6-15.0MS

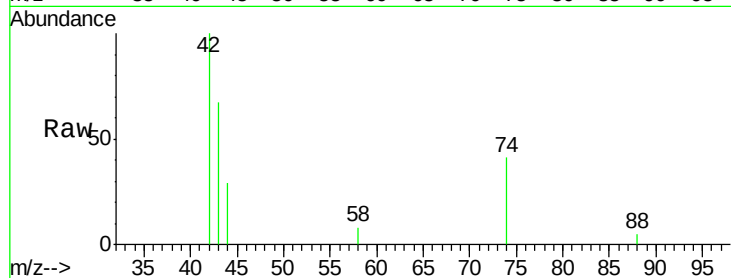
Tgt Ion: 42 Resp: 4522

Ion Ratio Lower Upper

42 100

74 100.0 82.8 124.2

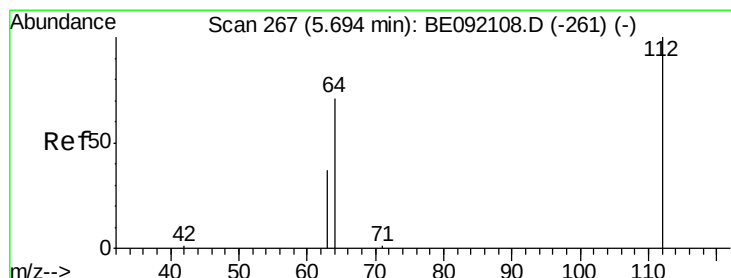
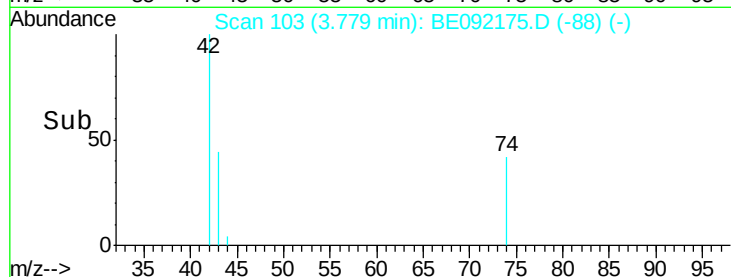
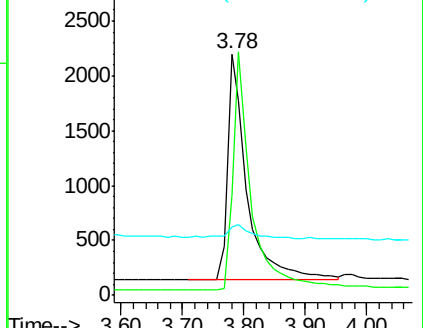
44 7.8 9.0 13.4#



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: 3.90 ng

RT: 5.70 min Scan# 267

Delta R.T. 0.00 min

Lab File: BE092175.D

Acq: 4 Aug 2016 10:00

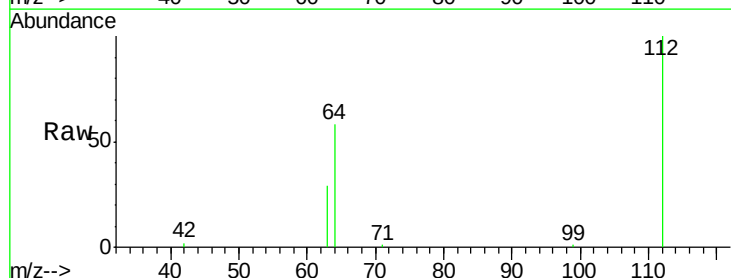
Tgt Ion: 112 Resp: 12245

Ion Ratio Lower Upper

112 100

64 66.6 55.9 83.9

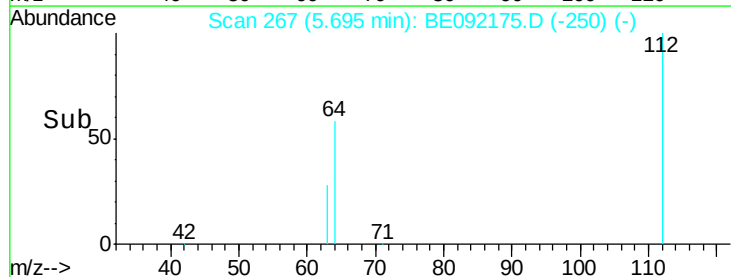
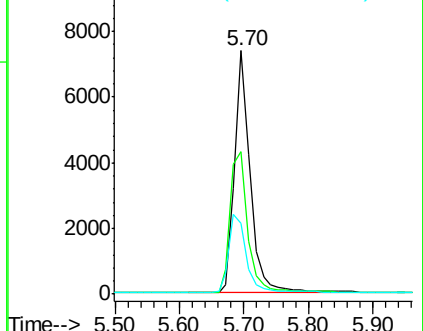
63 35.9 31.1 46.7

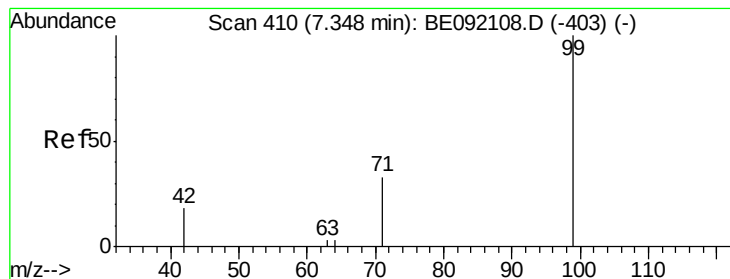


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 2.70 ng

RT: 7.34 min Scan# 409

Delta R.T. -0.01 min

Lab File: BE092175.D

Acq: 4 Aug 2016 10:00

Instrument :

BNA_E

ClientSampleId :

GW-44-8.6-15.0MS

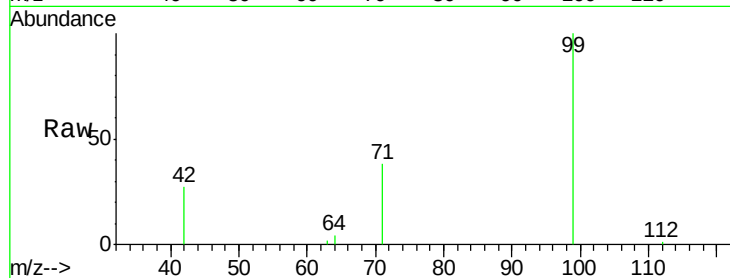
Tgt Ion: 99 Resp: 11268

Ion Ratio Lower Upper

99 100

42 25.5 22.4 33.6

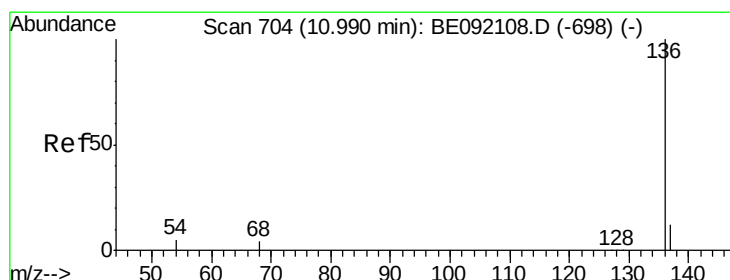
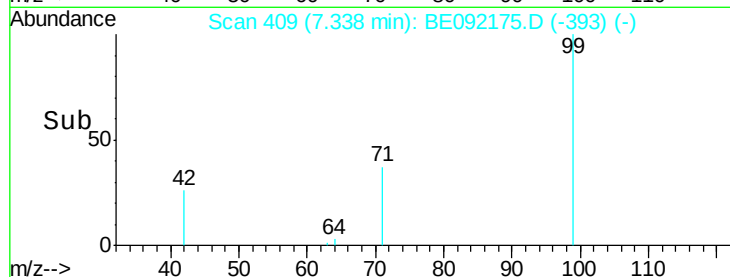
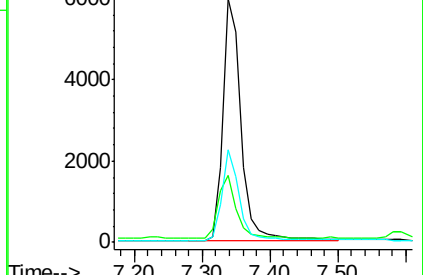
71 35.4 28.9 43.3



Abundance Ion 99.00 (98.70 to 99.70): BE092108.D (-403) (-)

Ion 42.00 (41.70 to 42.70): BE092108.D (-403) (-)

Ion 71.00 (70.70 to 71.70): BE092108.D (-403) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.98 min Scan# 703

Delta R.T. -0.01 min

Lab File: BE092175.D

Acq: 4 Aug 2016 10:00

Tgt Ion: 136 Resp: 56534

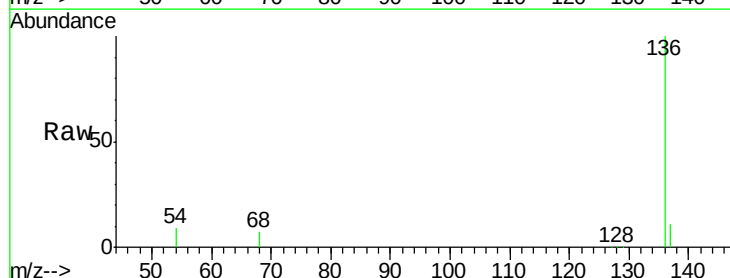
Ion Ratio Lower Upper

136 100

137 10.5 9.1 13.7

54 9.2 2.7 4.1#

68 6.6 2.2 3.4#

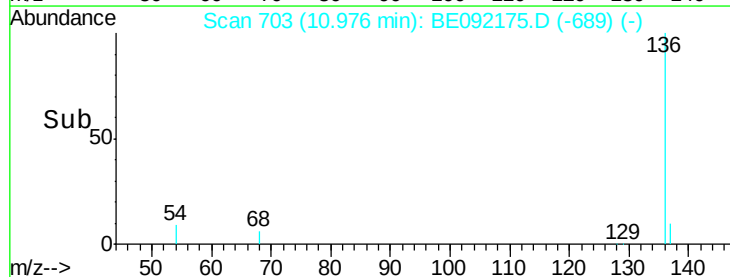
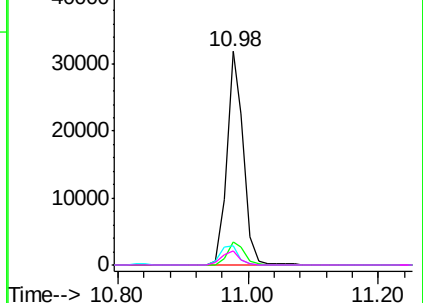


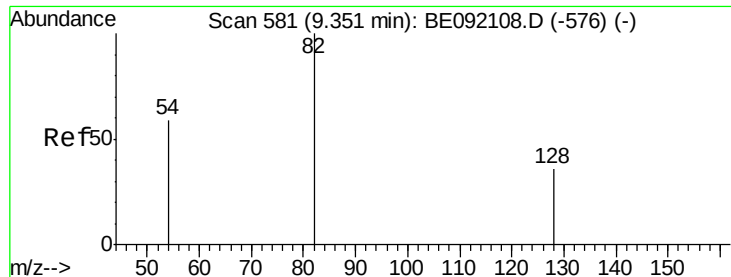
Abundance Ion 136.00 (135.70 to 136.70): BE092108.D (-698) (-)

Ion 137.00 (136.70 to 137.70): BE092108.D (-698) (-)

Ion 54.00 (53.70 to 54.70): BE092108.D (-698) (-)

Ion 68.00 (67.70 to 68.70): BE092108.D (-698) (-)





#7

Nitrobenzene-d5

Concen: 3.44 ng

RT: 9.34 min Scan# 580

Delta R.T. -0.01 min

Lab File: BE092175.D

Acq: 4 Aug 2016 10:00

Instrument :

BNA_E

ClientSampleId :

GW-44-8.6-15.0MS

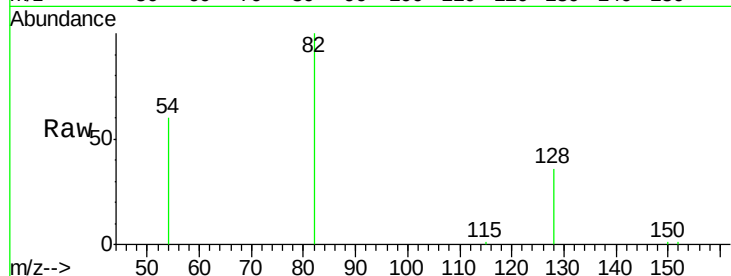
Tgt Ion: 82 Resp: 15337

Ion Ratio Lower Upper

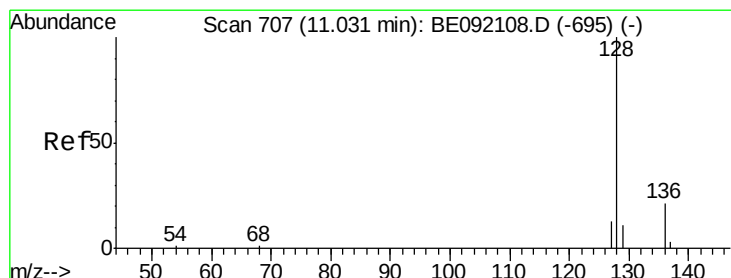
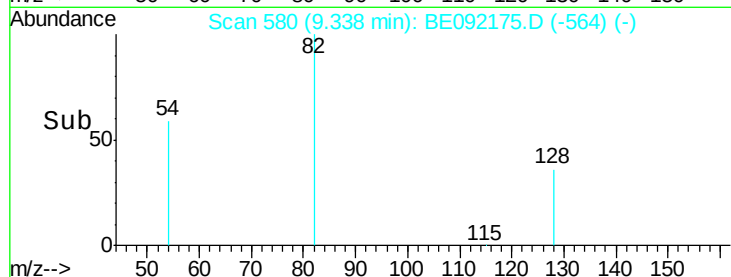
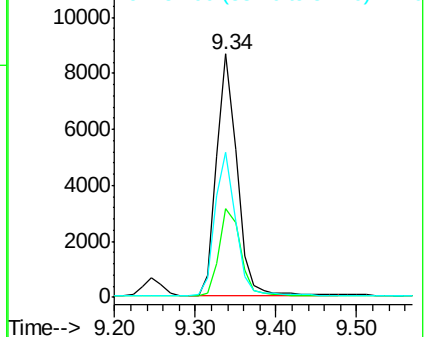
82 100

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: 3.20 ng

RT: 11.03 min Scan# 707

Delta R.T. 0.00 min

Lab File: BE092175.D

Acq: 4 Aug 2016 10:00

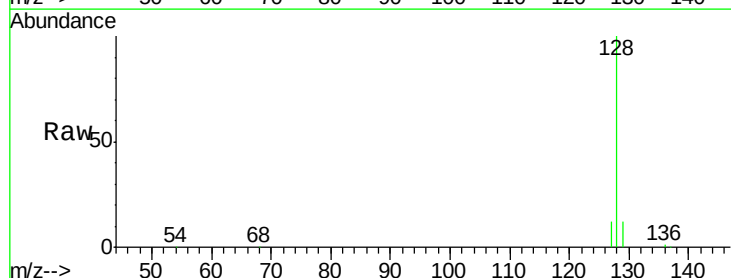
Tgt Ion: 128 Resp: 38920

Ion Ratio Lower Upper

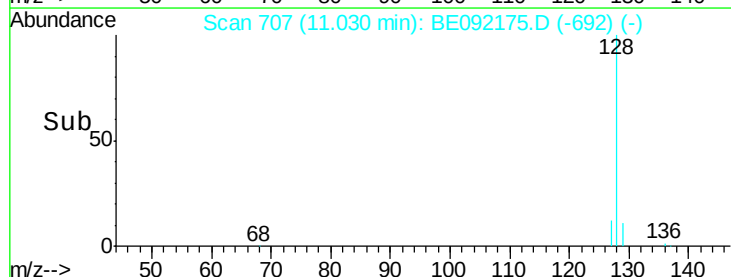
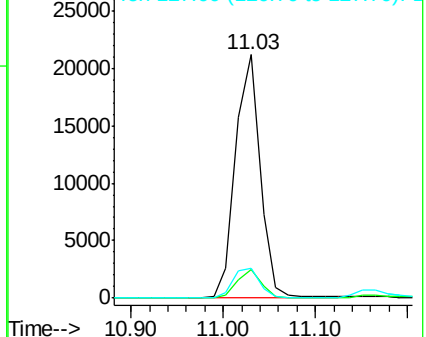
128 100

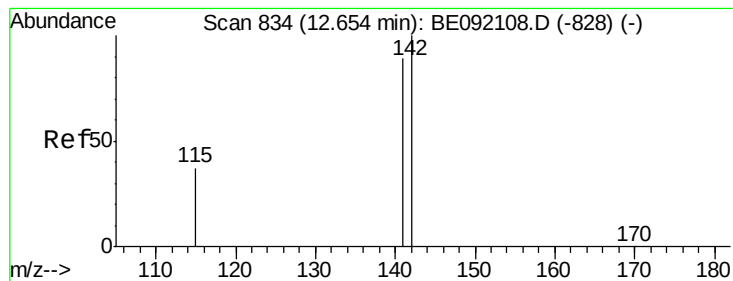
129 11.5 11.1 16.7

127 12.2 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: 3.34 ng

RT: 12.64 min Scan# 833

Delta R.T. -0.01 min

Lab File: BE092175.D

Acq: 4 Aug 2016 10:00

Instrument :

BNA_E

ClientSampleId :

GW-44-8.6-15.0MS

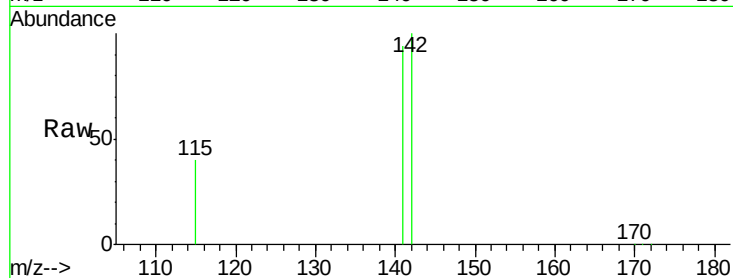
Tgt Ion:142 Resp: 26838

Ion Ratio Lower Upper

142 100

141 93.6 65.1 97.7

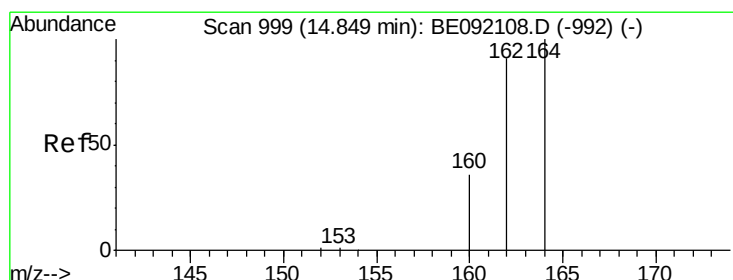
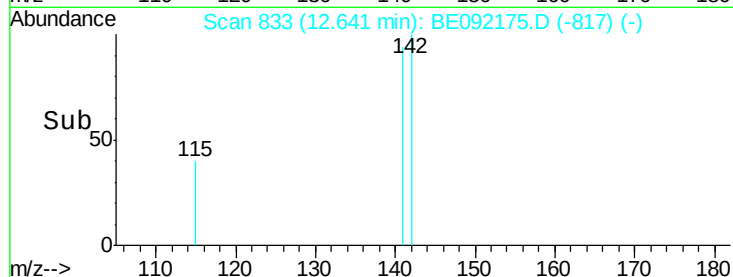
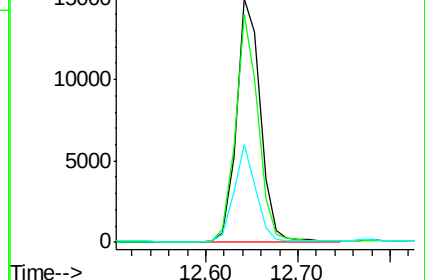
115 40.4 27.0 40.4



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: BE092175.D

Acq: 4 Aug 2016 10:00

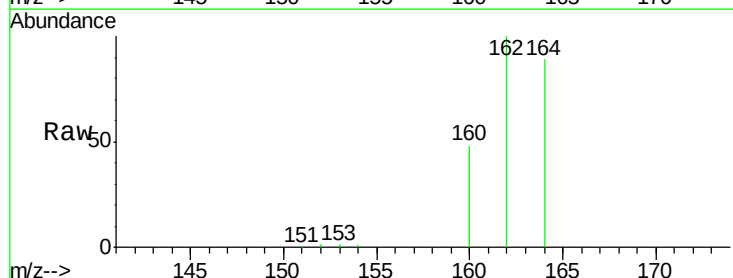
Tgt Ion:164 Resp: 30832

Ion Ratio Lower Upper

164 100

162 112.3 69.5 104.3#

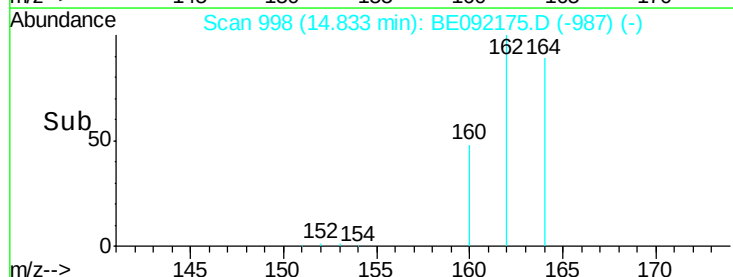
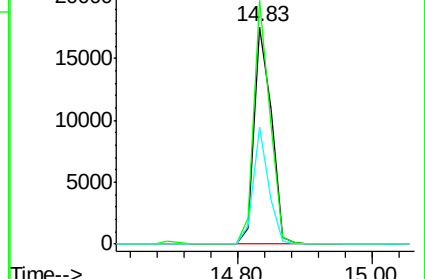
160 53.9 27.6 41.4#

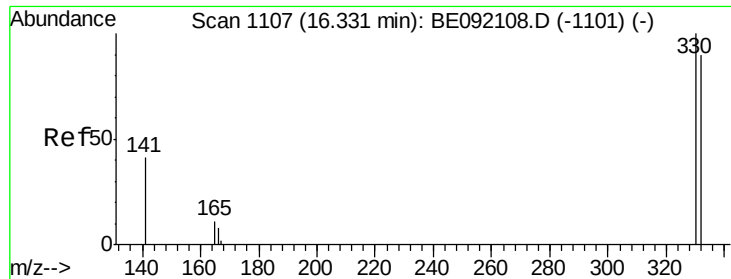


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

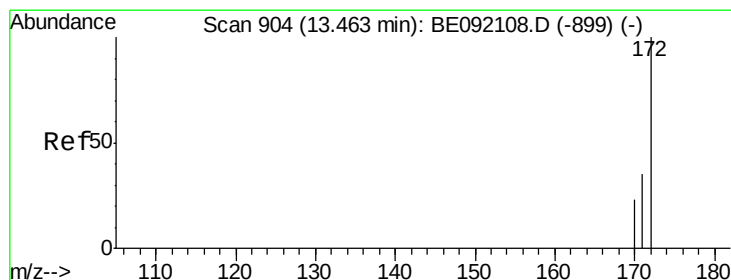
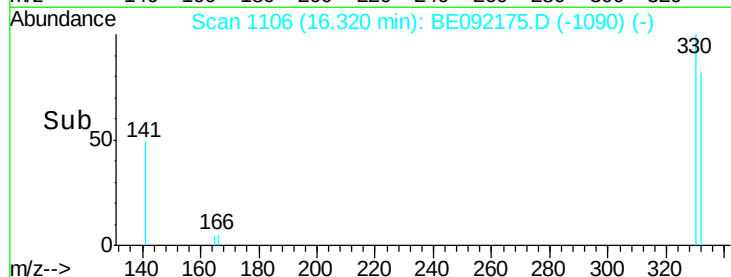
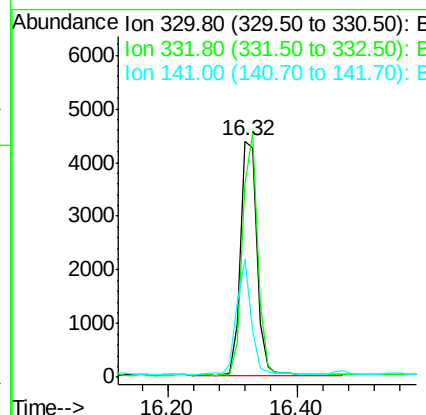
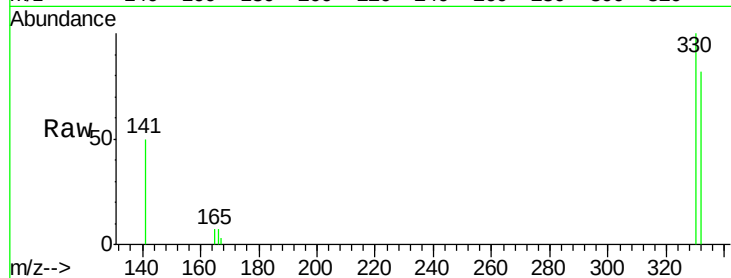




#11
 2,4,6-Tribromophenol
 Concen: 7.58 ng
 RT: 16.32 min Scan# 1106
 Delta R.T. -0.01 min
 Lab File: BE092175.D
 Acq: 4 Aug 2016 10:00

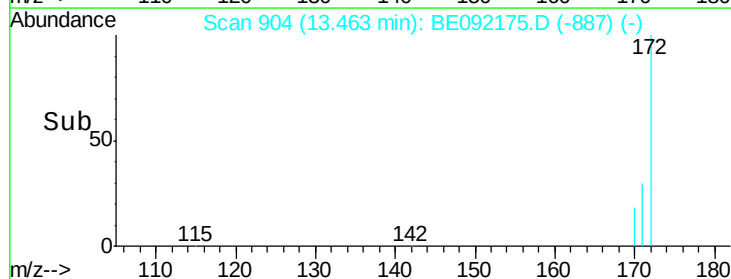
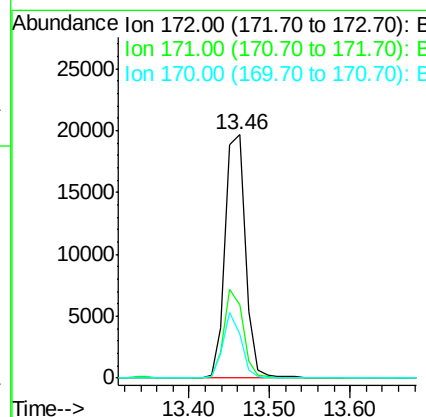
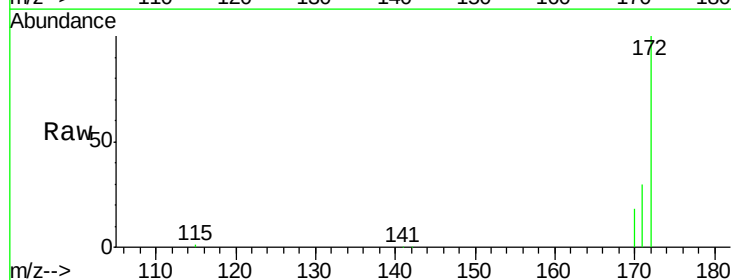
Instrument :
 BNA_E
 ClientSampleId :
 GW-44-8.6-15.0MS

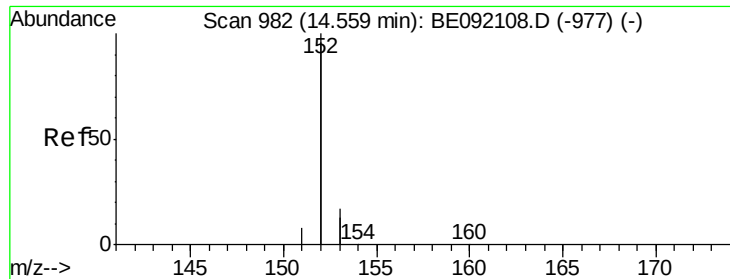
Tgt Ion:330 Resp: 7587
 Ion Ratio Lower Upper
 330 100
 332 95.3 74.2 111.4
 141 43.2 139.8 209.8#



#12
 2-Fluorobiphenyl
 Concen: 3.49 ng
 RT: 13.46 min Scan# 904
 Delta R.T. -0.00 min
 Lab File: BE092175.D
 Acq: 4 Aug 2016 10:00

Tgt Ion:172 Resp: 34073
 Ion Ratio Lower Upper
 172 100
 171 30.3 30.3 45.5#
 170 18.0 21.6 32.4#





#13

Acenaphthylene

Concen: 3.29 ng

RT: 14.54 min Scan# 981

Delta R.T. -0.02 min

Lab File: BE092175.D

Acq: 4 Aug 2016 10:00

Instrument :

BNA_E

ClientSampleId :

GW-44-8.6-15.0MS

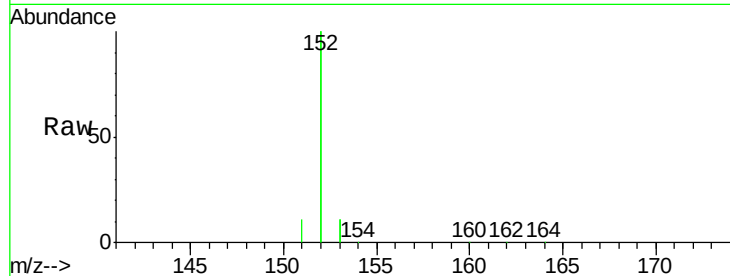
Tgt Ion:152 Resp: 179025

Ion Ratio Lower Upper

152 100

151 4.9 4.0 6.0

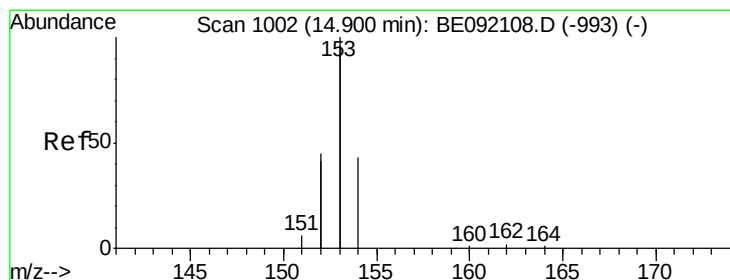
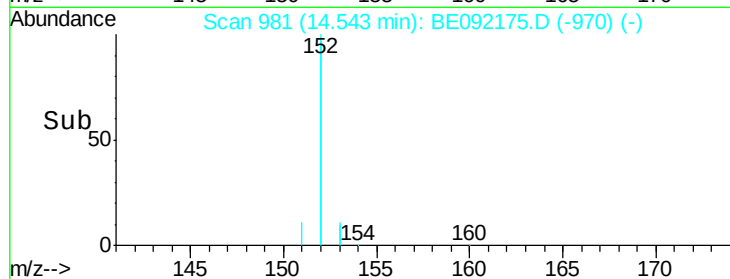
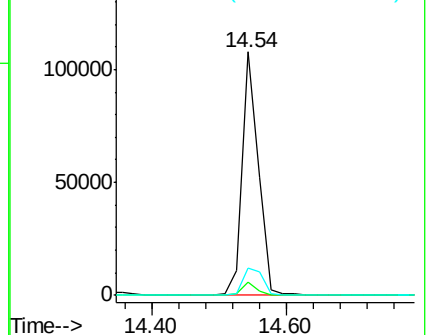
153 13.4 9.6 14.4



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: 3.17 ng

RT: 14.90 min Scan# 1002

Delta R.T. 0.00 min

Lab File: BE092175.D

Acq: 4 Aug 2016 10:00

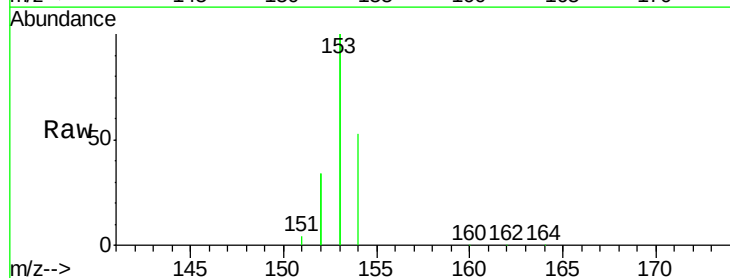
Tgt Ion:154 Resp: 27498

Ion Ratio Lower Upper

154 100

153 450.6 345.1 517.7

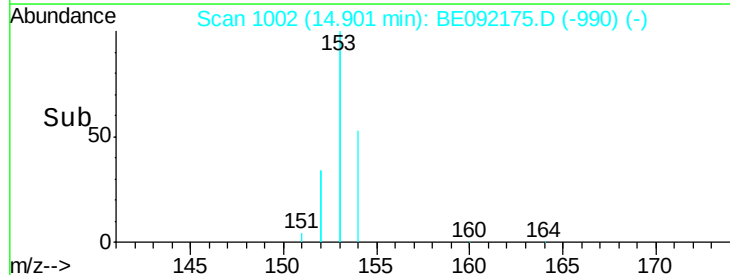
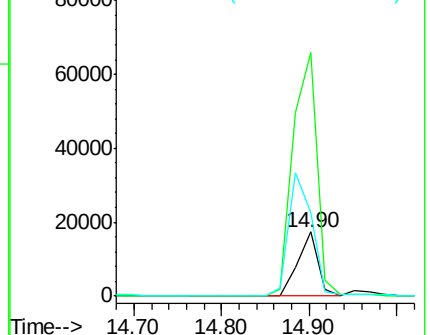
152 219.5 0.0 0.0#

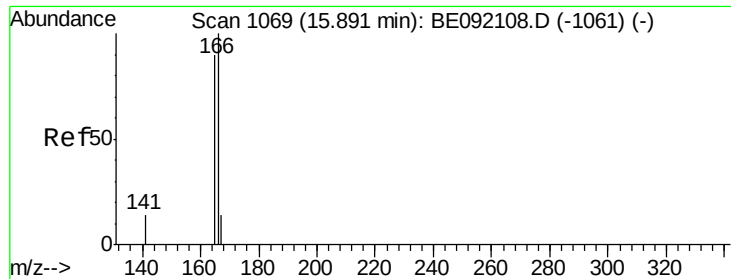


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

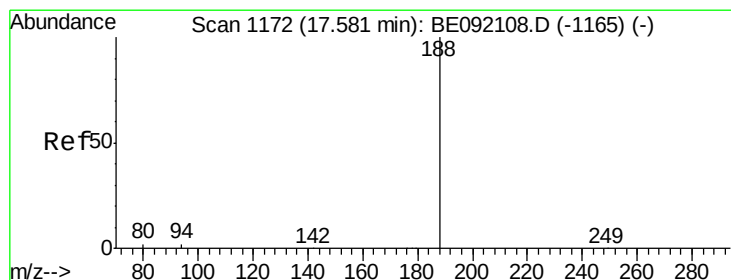
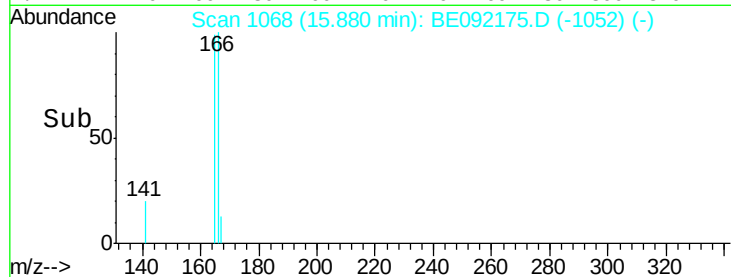
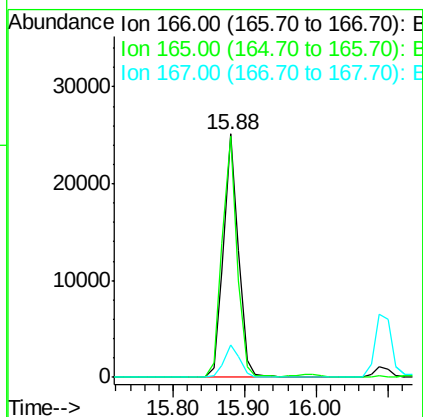
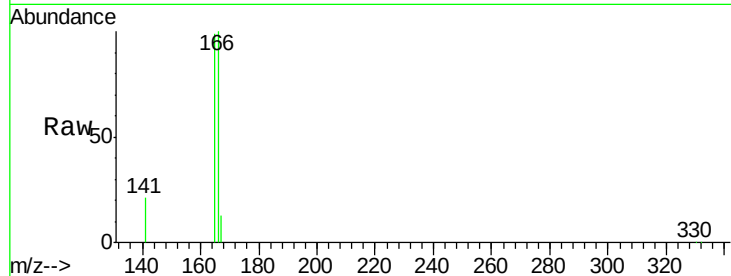




#15
 Fluorene
 Concen: 3.30 ng
 RT: 15.88 min Scan# 1068
 Delta R.T. -0.01 min
 Lab File: BE092175.D
 Acq: 4 Aug 2016 10:00

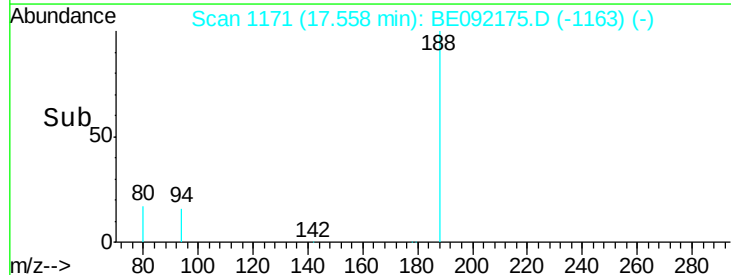
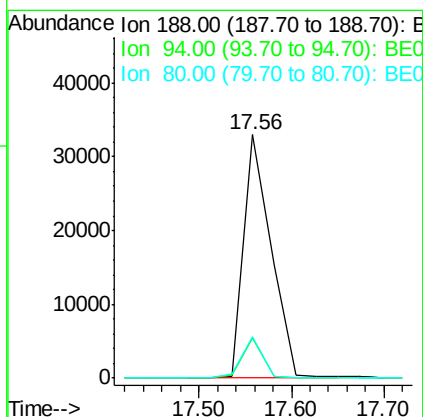
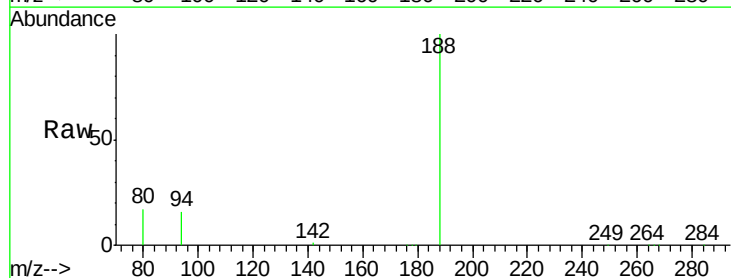
Instrument :
 BNA_E
 ClientSampleId :
 GW-44-8.6-15.0MS

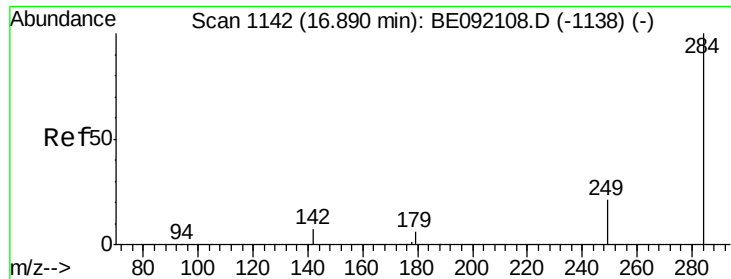
Tgt Ion:166 Resp: 36272
 Ion Ratio Lower Upper
 166 100
 165 98.6 78.6 118.0
 167 13.4 11.1 16.7



#16
 Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.56 min Scan# 1171
 Delta R.T. -0.02 min
 Lab File: BE092175.D
 Acq: 4 Aug 2016 10:00

Tgt Ion:188 Resp: 67479
 Ion Ratio Lower Upper
 188 100
 94 16.3 3.9 5.9#
 80 17.0 3.4 5.0#

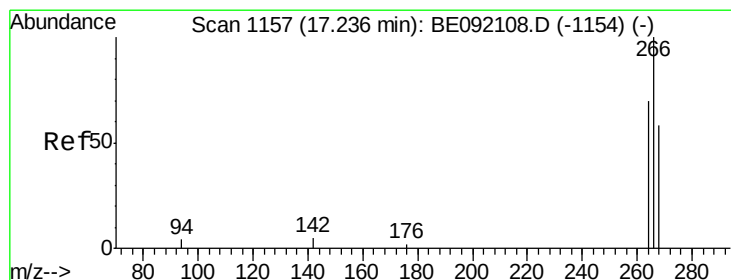
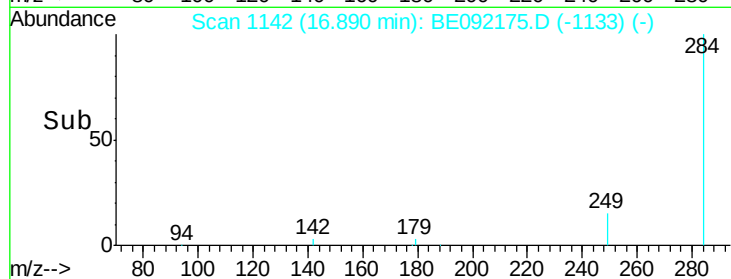
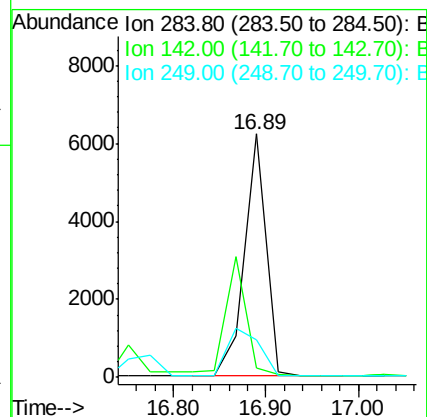
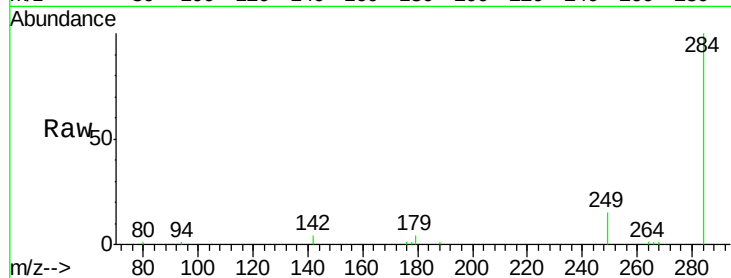




#17
Hexachlorobenzene
Concen: 3.07 ng
RT: 16.89 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BE092175.D
Acq: 4 Aug 2016 10:00

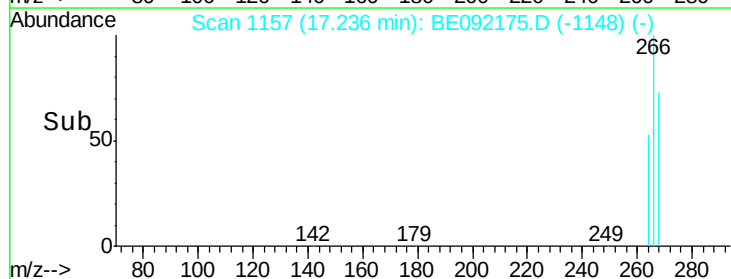
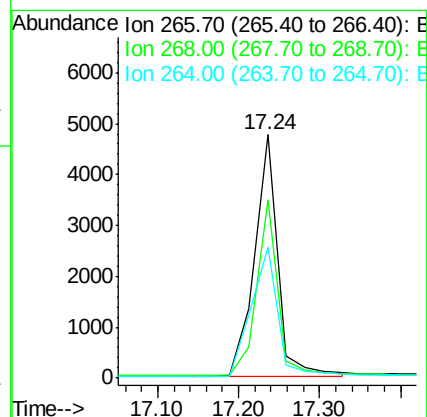
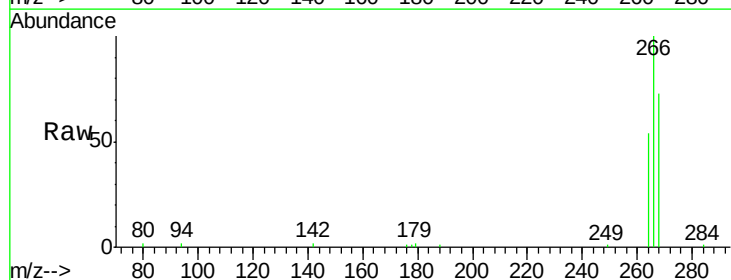
Instrument :
BNA_E
ClientSampleId :
GW-44-8.6-15.0MS

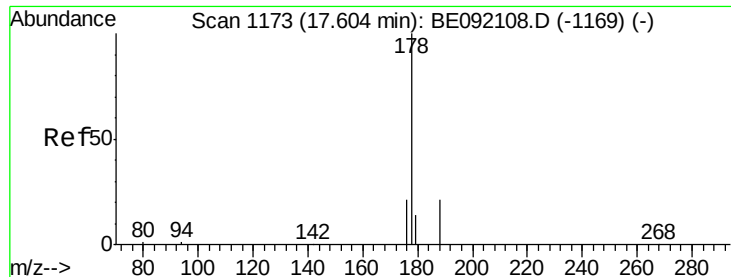
Tgt Ion: 284 Resp: 10120
Ion Ratio Lower Upper
284 100
142 0.0 33.3 49.9#
249 0.0 25.4 38.0#



#18
Pentachlorophenol
Concen: 7.53 ng
RT: 17.24 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BE092175.D
Acq: 4 Aug 2016 10:00

Tgt Ion: 266 Resp: 9332
Ion Ratio Lower Upper
266 100
268 73.5 62.7 94.1
264 53.8 63.5 95.3#





#19

Phenanthrene

Concen: 3.76 ng

RT: 17.60 min Scan# 1173

Delta R.T. 0.00 min

Lab File: BE092175.D

Acq: 4 Aug 2016 10:00

Instrument :

BNA_E

ClientSampleId :

GW-44-8.6-15.0MS

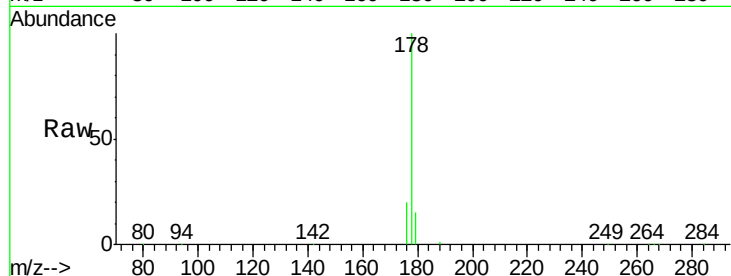
Tgt Ion:178 Resp: 69111

Ion Ratio Lower Upper

178 100

176 19.7 15.4 23.0

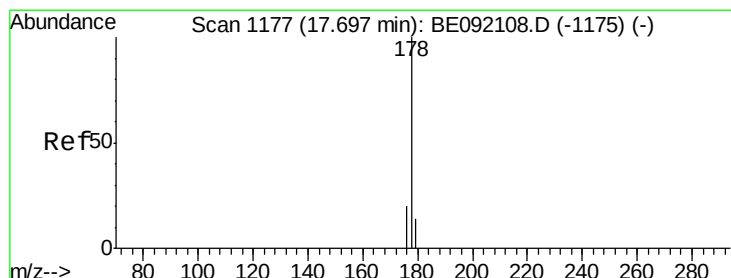
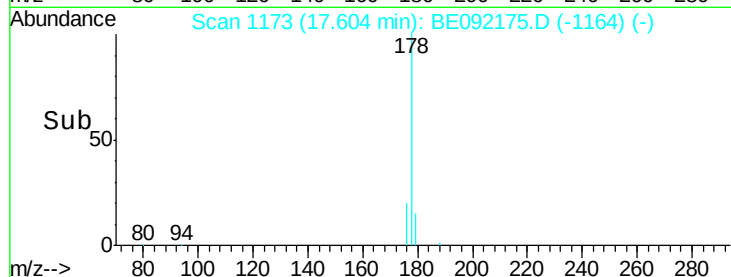
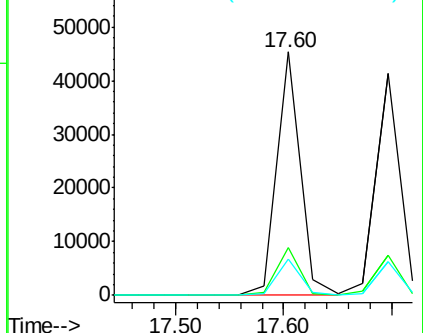
179 15.1 12.7 19.1



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: 3.56 ng

RT: 17.70 min Scan# 1177

Delta R.T. -0.00 min

Lab File: BE092175.D

Acq: 4 Aug 2016 10:00

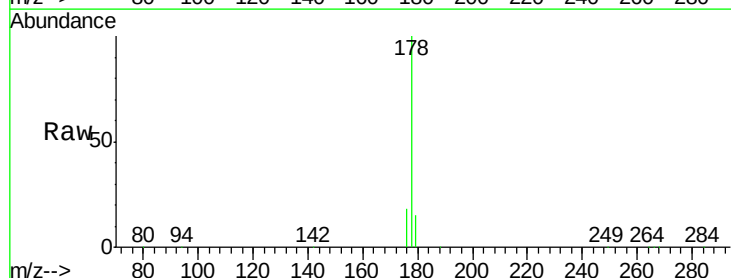
Tgt Ion:178 Resp: 63891

Ion Ratio Lower Upper

178 100

176 18.5 15.2 22.8

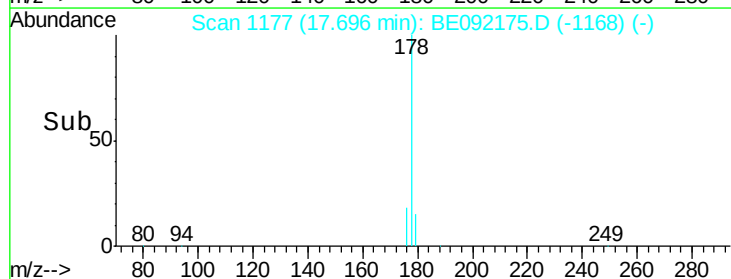
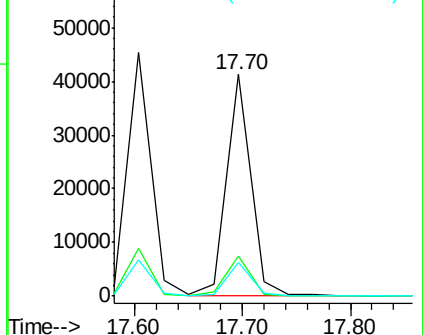
179 15.5 12.2 18.4

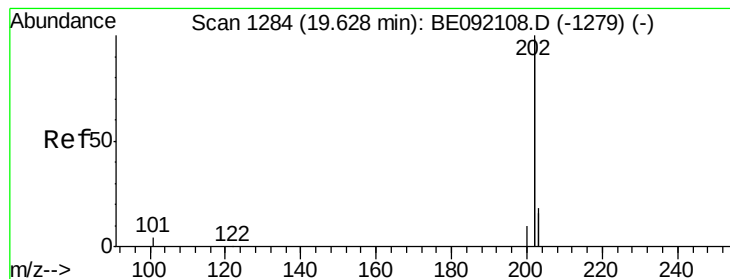


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#21

Fluoranthene

Concen: 3.59 ng

RT: 19.63 min Scan# 1284

Delta R.T. -0.00 min

Lab File: BE092175.D

Acq: 4 Aug 2016 10:00

Instrument :

BNA_E

ClientSampleId :

GW-44-8.6-15.0MS

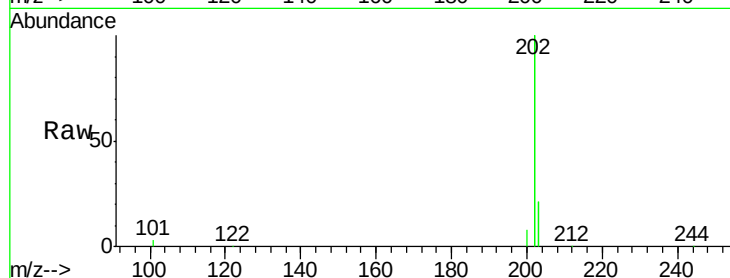
Tgt Ion:202 Resp: 296632

Ion Ratio Lower Upper

202 100

101 2.9 2.2 3.2

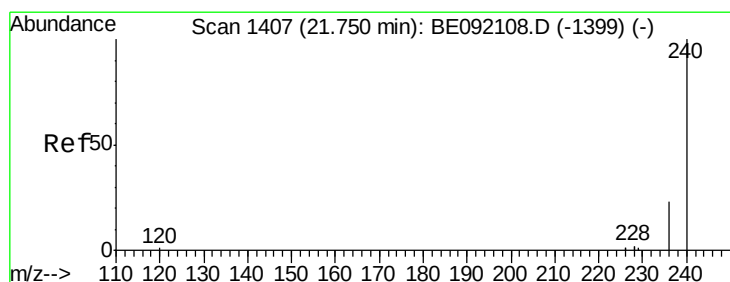
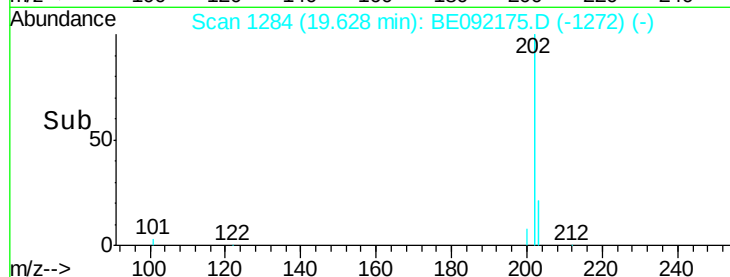
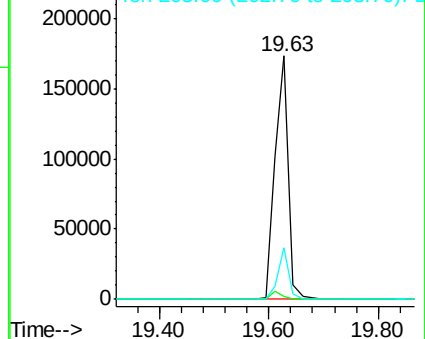
203 17.8 13.0 19.4



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: BE092175.D

Acq: 4 Aug 2016 10:00

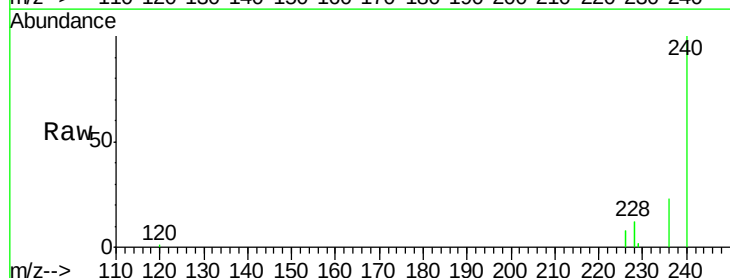
Tgt Ion:240 Resp: 88408

Ion Ratio Lower Upper

240 100

120 1.2 0.6 1.0#

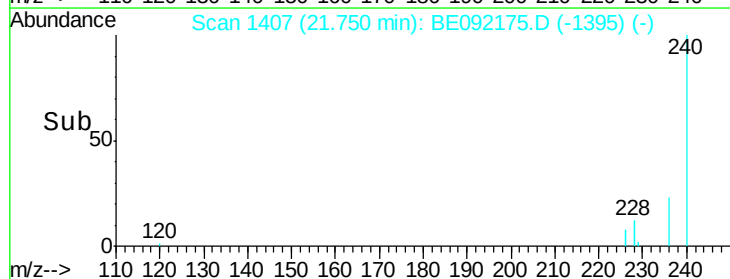
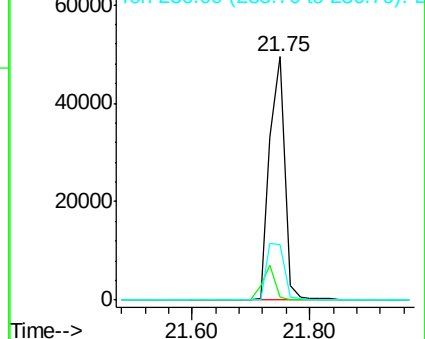
236 22.7 18.2 27.4

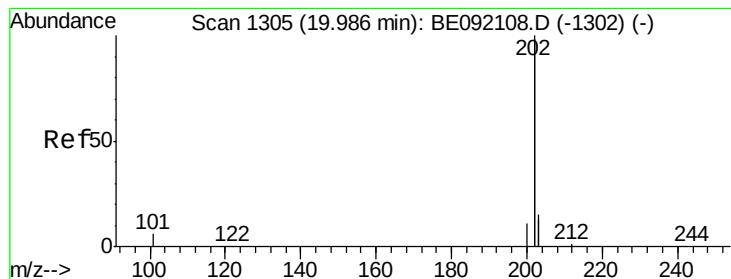


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#23

Pyrene

Concen: 3.54 ng

RT: 19.99 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BE092175.D

Acq: 4 Aug 2016 10:00

Instrument :

BNA_E

ClientSampleId :

GW-44-8.6-15.0MS

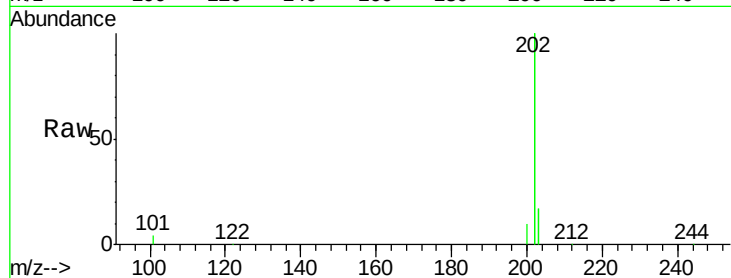
Tgt Ion: 202 Resp: 327406

Ion Ratio Lower Upper

202 100

200 5.3 4.4 6.6

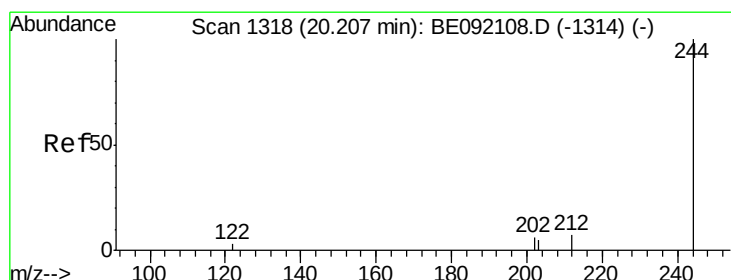
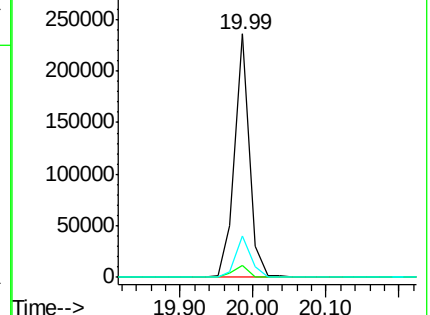
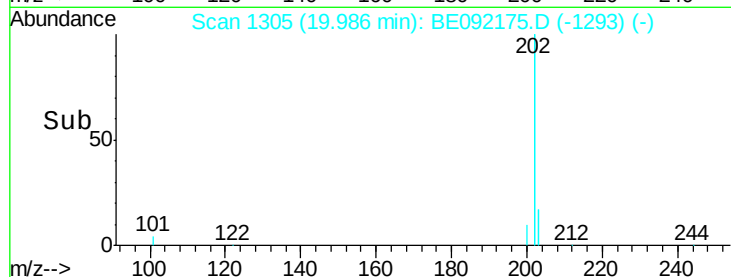
203 17.8 13.4 20.0



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



#24

Terphenyl-d14

Concen: 4.42 ng

RT: 20.19 min Scan# 1317

Delta R.T. -0.02 min

Lab File: BE092175.D

Acq: 4 Aug 2016 10:00

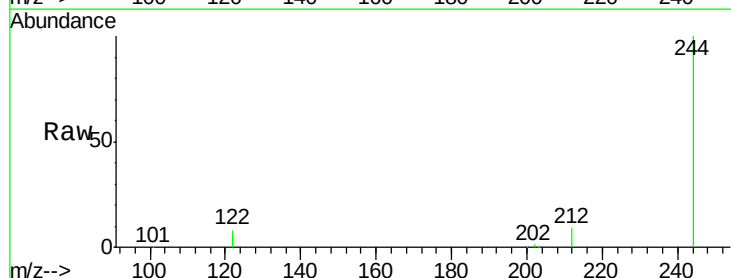
Tgt Ion: 244 Resp: 56111

Ion Ratio Lower Upper

244 100

212 9.1 9.1 13.7#

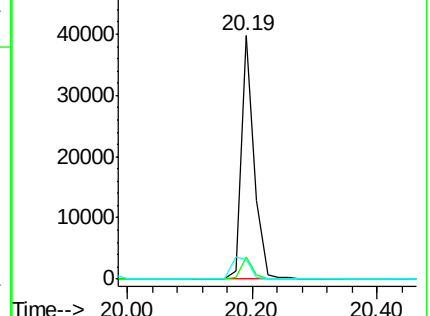
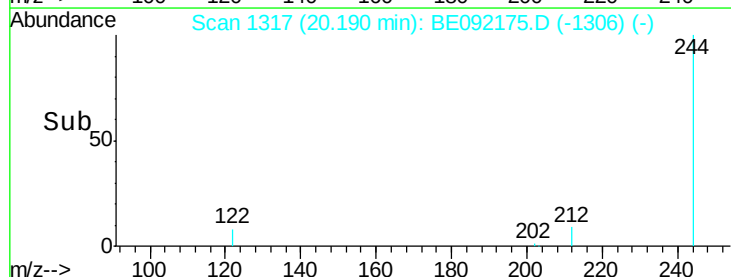
122 8.2 11.0 16.4#

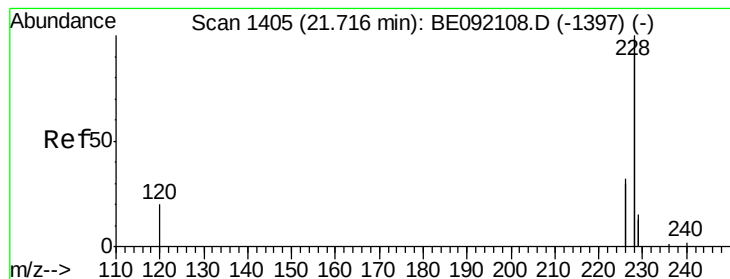


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#25

Benzo(a)anthracene

Concen: 3.51 ng

RT: 21.72 min Scan# 1405

Delta R.T. -0.00 min

Lab File: BE092175.D

Acq: 4 Aug 2016 10:00

Instrument :

BNA_E

ClientSampleId :

GW-44-8.6-15.0MS

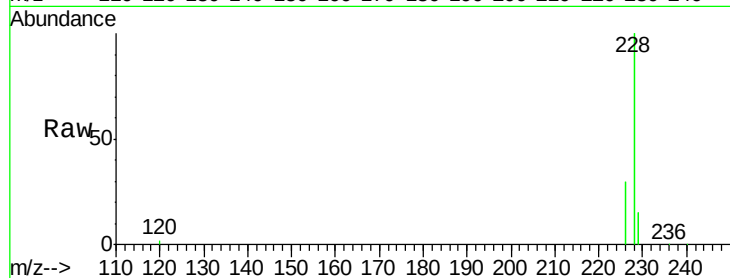
Tgt Ion:228 Resp: 341024

Ion Ratio Lower Upper

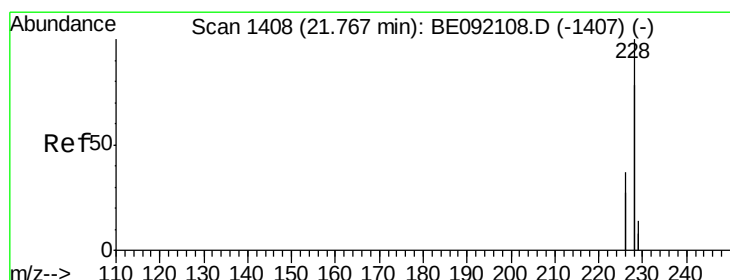
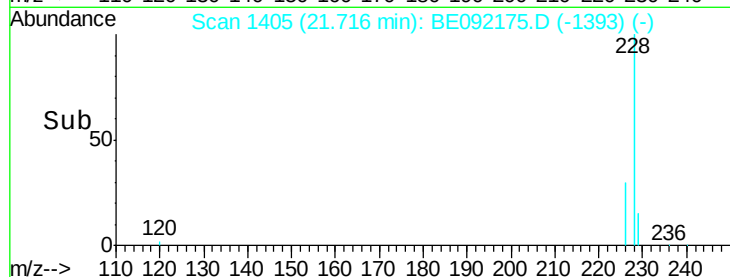
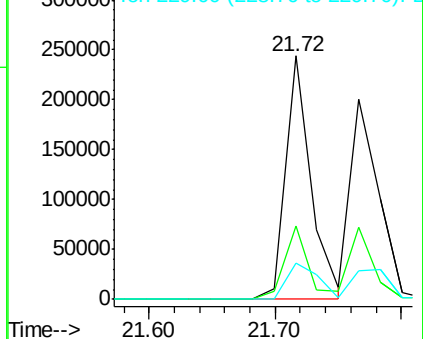
228 100

226 30.1 22.1 33.1

229 14.7 15.1 22.7#



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



#26

Chrysene

Concen: 3.23 ng

RT: 21.77 min Scan# 1408

Delta R.T. -0.00 min

Lab File: BE092175.D

Acq: 4 Aug 2016 10:00

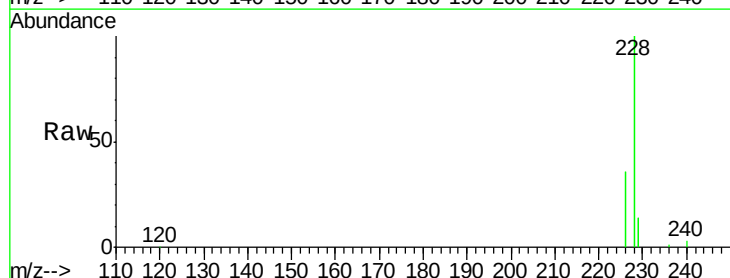
Tgt Ion:228 Resp: 314639

Ion Ratio Lower Upper

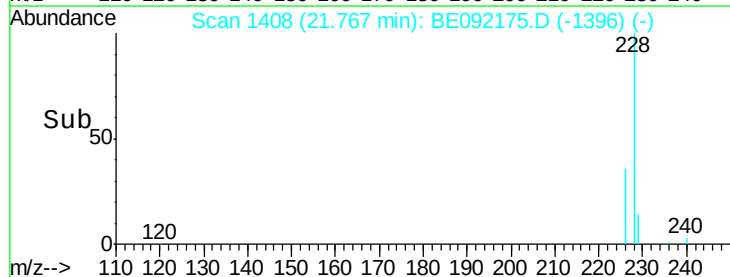
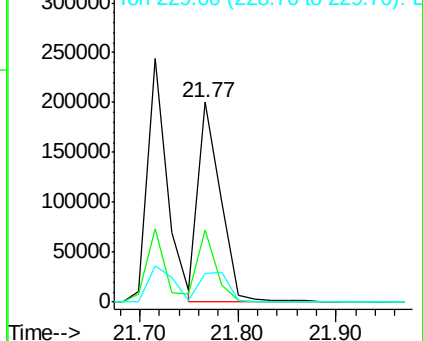
228 100

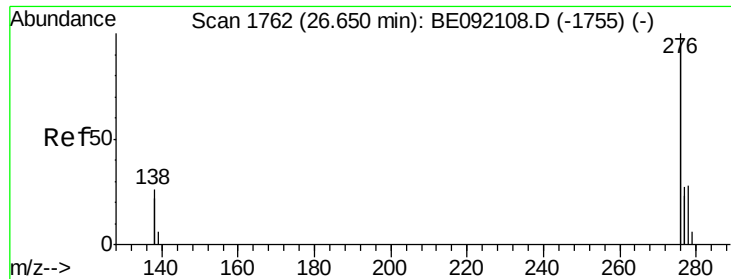
226 35.9 22.3 33.5#

229 14.2 16.9 25.3#



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

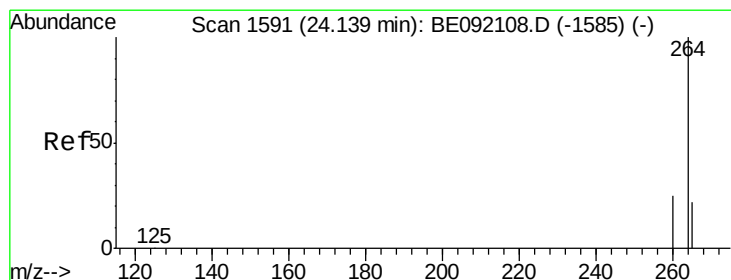
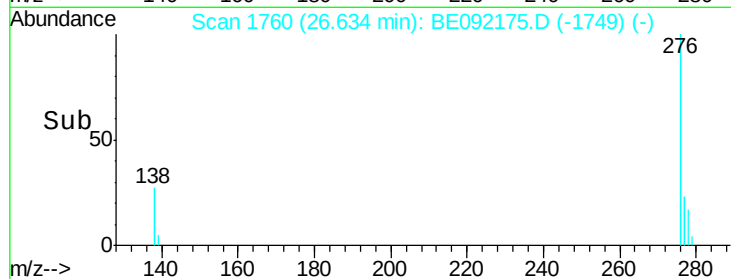
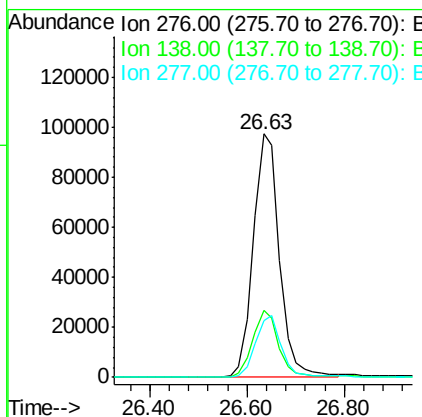
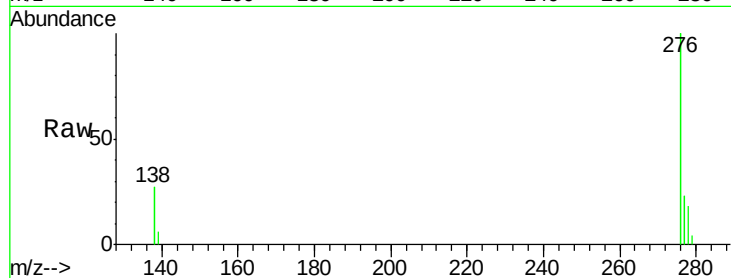




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 3.45 ng
 RT: 26.63 min Scan# 1760
 Delta R.T. -0.02 min
 Lab File: BE092175.D
 Acq: 4 Aug 2016 10:00

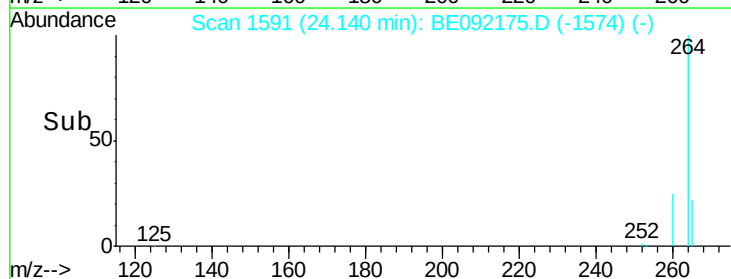
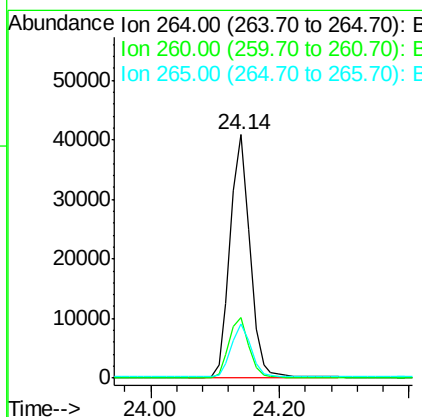
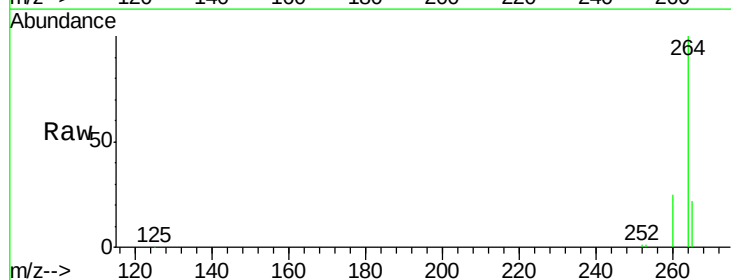
Instrument :
 BNA_E
 ClientSampleId :
 GW-44-8.6-15.0MS

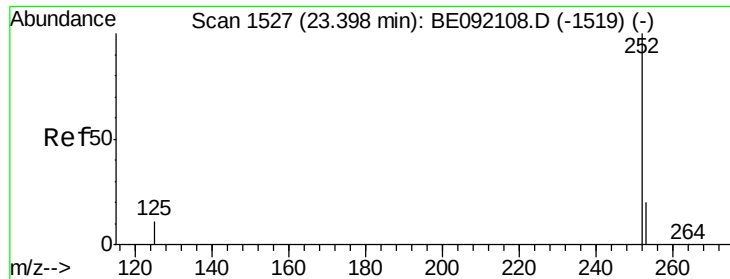
Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.9	21.2	31.8
277	24.7	19.8	29.8



#28
 Perylene-d12
 Concen: 5.00 ng
 RT: 24.14 min Scan# 1591
 Delta R.T. 0.00 min
 Lab File: BE092175.D
 Acq: 4 Aug 2016 10:00

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.8	31.2
265	22.3	16.6	25.0





#29

Benzo(b)fluoranthene

Concen: 3.63 ng

RT: 23.40 min Scan# 1527

Delta R.T. 0.00 min

Lab File: BE092175.D

Acq: 4 Aug 2016 10:00

Instrument :

BNA_E

ClientSampleId :

GW-44-8.6-15.0MS

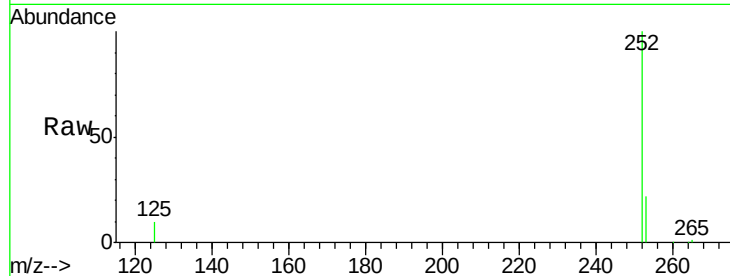
Tgt Ion:252 Resp: 86597

Ion Ratio Lower Upper

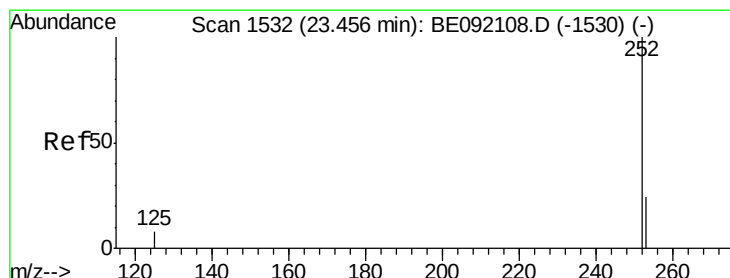
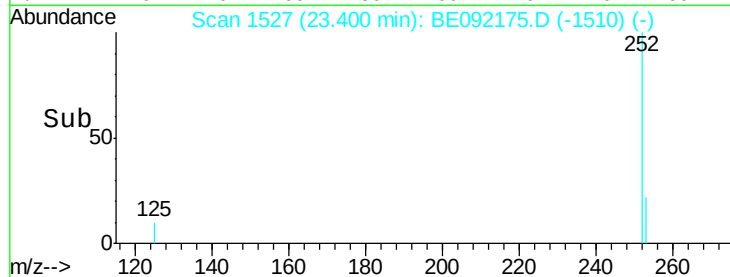
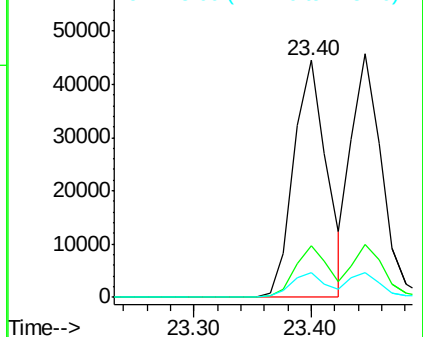
252 100

253 21.9 17.4 26.0

125 10.2 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: 3.59 ng

RT: 23.45 min Scan# 1531

Delta R.T. -0.01 min

Lab File: BE092175.D

Acq: 4 Aug 2016 10:00

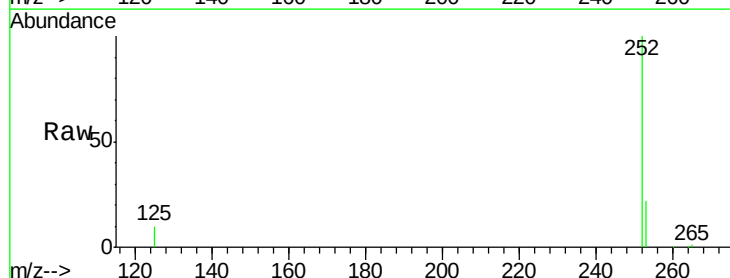
Tgt Ion:252 Resp: 82133

Ion Ratio Lower Upper

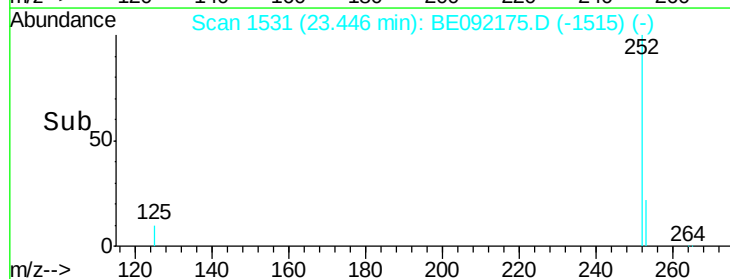
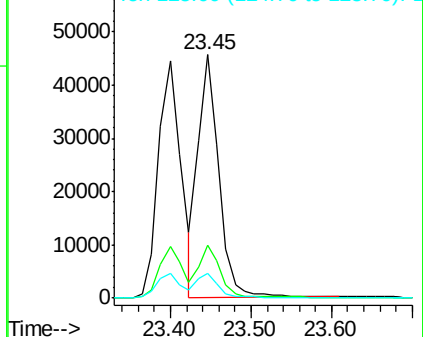
252 100

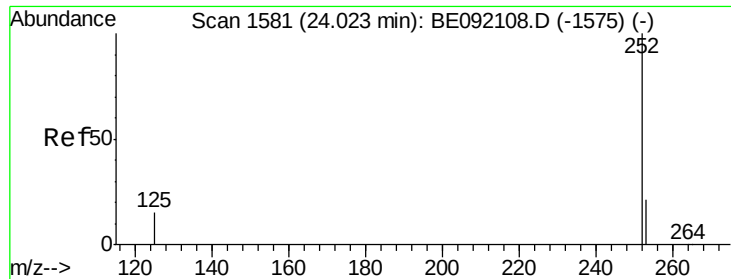
253 21.9 19.4 29.0

125 10.3 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: 3.50 ng

RT: 24.02 min Scan# 1581

Delta R.T. 0.00 min

Lab File: BE092175.D

Acq: 4 Aug 2016 10:00

Instrument :

BNA_E

ClientSampleId :

GW-44-8.6-15.0MS

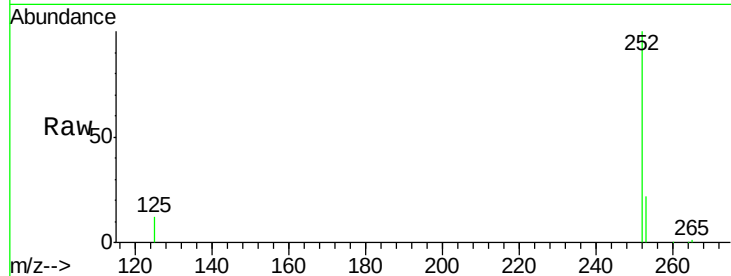
Tgt Ion: 252 Resp: 76842

Ion Ratio Lower Upper

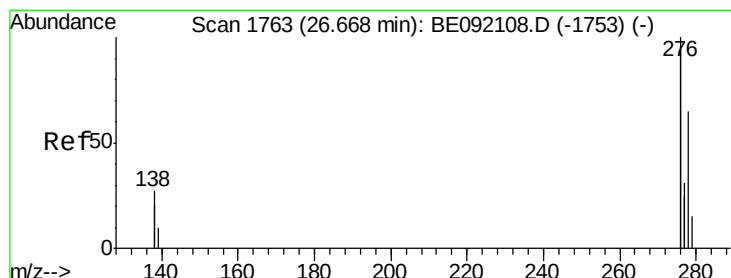
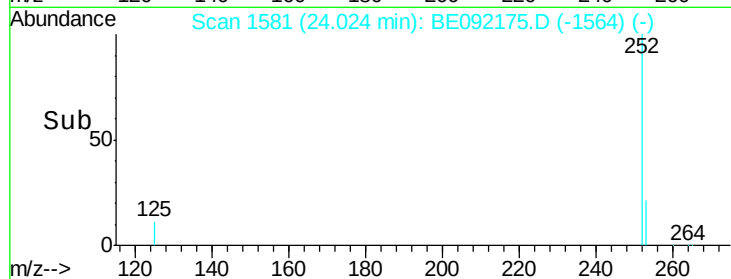
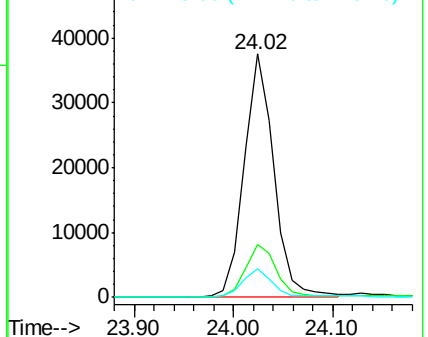
252 100

253 21.6 19.8 29.8

125 11.6 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: 3.60 ng

RT: 26.67 min Scan# 1762

Delta R.T. 0.00 min

Lab File: BE092175.D

Acq: 4 Aug 2016 10:00

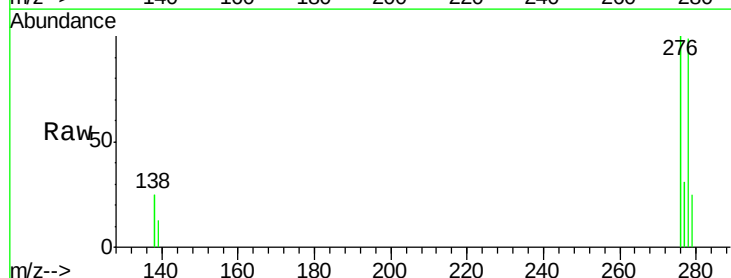
Tgt Ion: 278 Resp: 75282

Ion Ratio Lower Upper

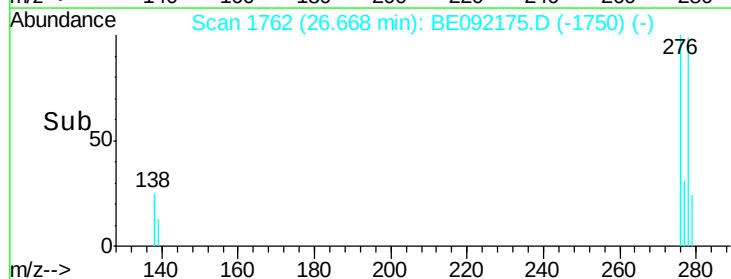
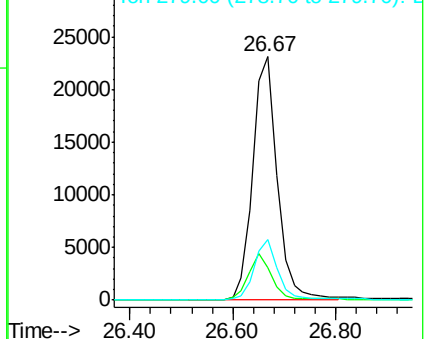
278 100

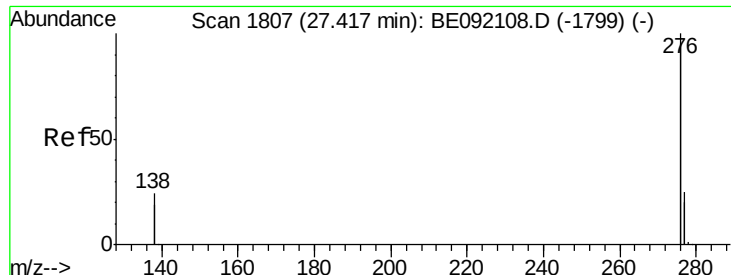
139 13.6 16.7 25.1#

279 24.7 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: 3.48 ng

RT: 27.40 min Scan# 1805

Delta R.T. -0.02 min

Lab File: BE092175.D

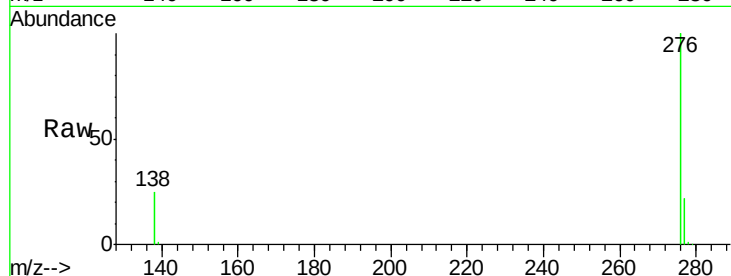
Acq: 4 Aug 2016 10:00

Instrument :

BNA_E

ClientSampleId :

GW-44-8.6-15.0MS



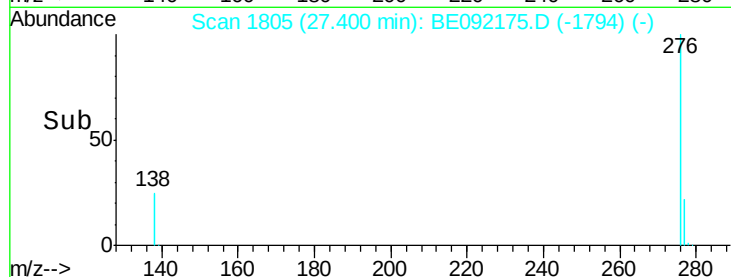
Tgt Ion: 276 Resp: 310755

Ion Ratio Lower Upper

276 100

277 22.3 19.5 29.3

138 24.6 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

