

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072216\
 Data File : BE092022.D
 Acq On : 23 Jul 2016 1:14
 Operator : UM/SJ
 Sample : H4120-13
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 GW-10-6.0-15.0

Quant Time: Jul 23 02:13:01 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE072216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 22 15:39:27 2016
 Response via : Initial Calibration

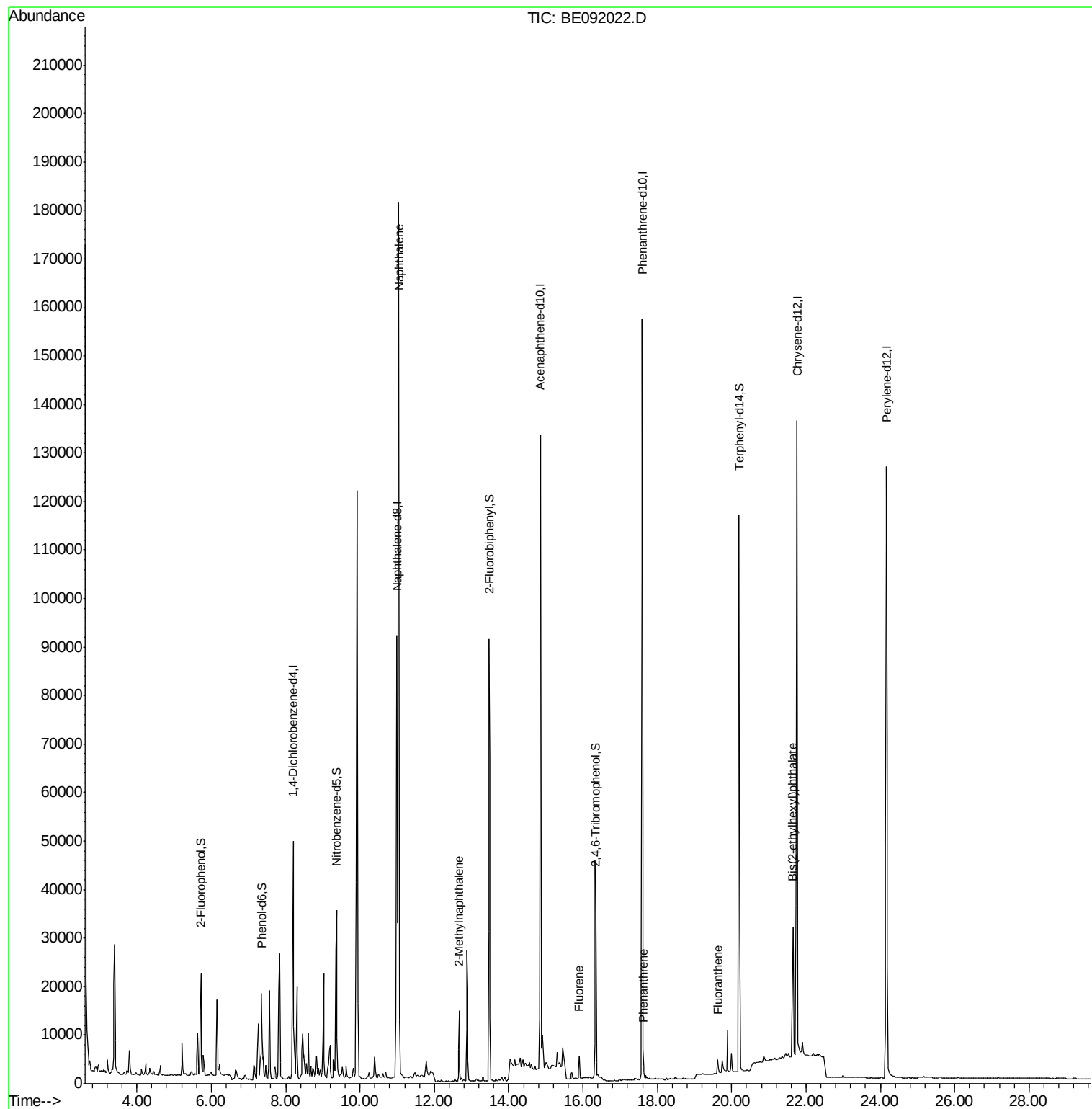
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	26058	5.00	ng	0.00
8) Naphthalene-d8	10.99	136	134944	5.00	ng	0.00
15) Acenaphthene-d10	14.86	164	87749	5.00	ng	0.00
24) Phenanthrene-d10	17.59	188	196139	5.00	ng	0.00
31) Chrysene-d12	21.76	240	200058	5.00	ng	0.00
40) Perylene-d12	24.16	264	191218	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.72	112	19904	3.94	ng	0.00
5) Phenol-d6	7.35	99	20455	2.36	ng	-0.02
9) Nitrobenzene-d5	9.37	82	35441	4.36	ng	-0.02
16) 2,4,6-Tribromophenol	16.35	330	24543	8.06	ng	0.00
17) 2-Fluorobiphenyl	13.47	172	90923	3.94	ng	-0.01
34) Terphenyl-d14	20.20	244	165231	8.22	ng	-0.02
Target Compounds						Qvalue
12) Naphthalene	11.04	128	257980	8.42	ng	98
14) 2-Methylnaphthalene	12.66	142	10706	0.56	ng	98
22) Fluorene	15.90	166	3345	0.12	ng	# 96
28) Phenanthrene	17.63	178	2117	0.04	ng	# 88
30) Fluoranthene	19.63	202	4230	0.02	ng	# 92
38) Bis(2-ethylhexyl)phthalate	21.64	149	45654	1.22	ng	# 100

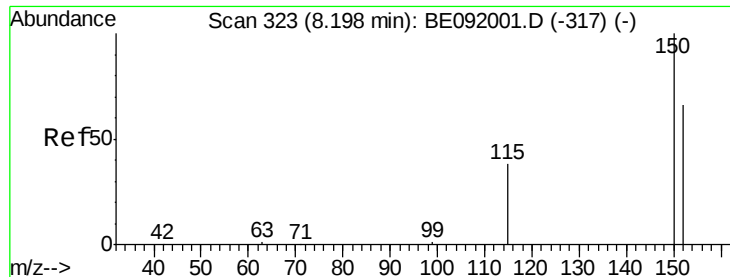
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072216\
Data File : BE092022.D
Acq On : 23 Jul 2016 1:14
Operator : UM/SJ
Sample : H4120-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
GW-10-6.0-15.0

Quant Time: Jul 23 02:13:01 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE072216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 22 15:39:27 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.20 min Scan# 323

Delta R.T. -0.00 min

Lab File: BE092022.D

Acq: 23 Jul 2016 1:14

Instrument :

BNA_E

ClientSampleId :

GW-10-6.0-15.0

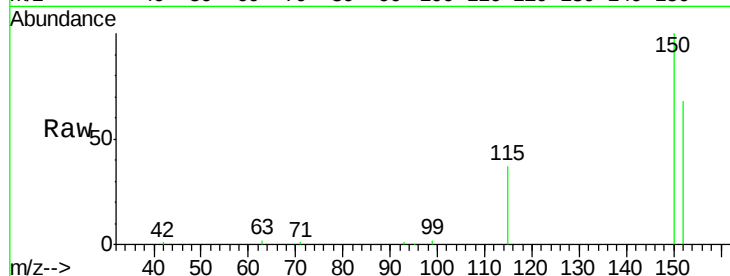
Tgt Ion:152 Resp: 26058

Ion Ratio Lower Upper

152 100

150 148.0 123.9 185.9

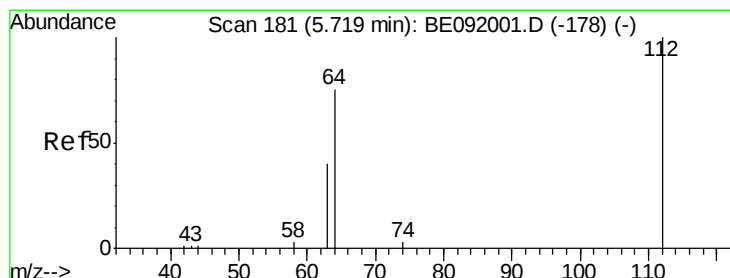
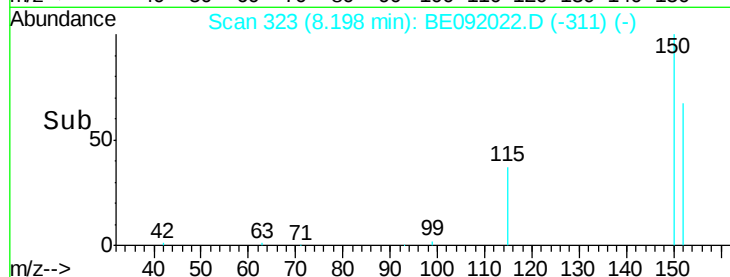
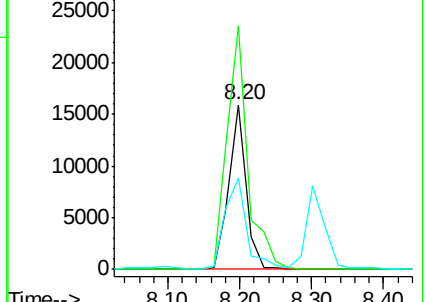
115 55.2 48.3 72.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#4

2-Fluorophenol

Concen: 3.94 ng

RT: 5.72 min Scan# 181

Delta R.T. 0.00 min

Lab File: BE092022.D

Acq: 23 Jul 2016 1:14

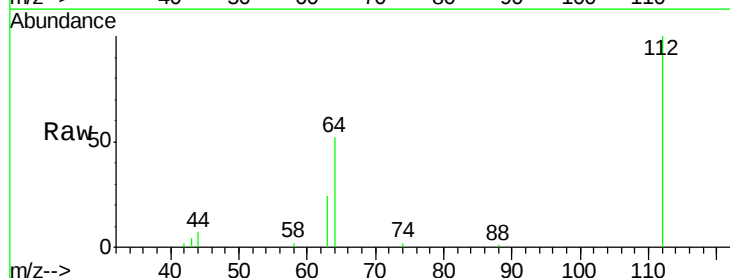
Tgt Ion:112 Resp: 19904

Ion Ratio Lower Upper

112 100

64 66.9 53.7 80.5

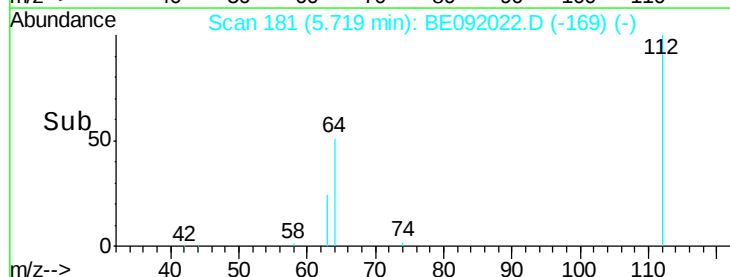
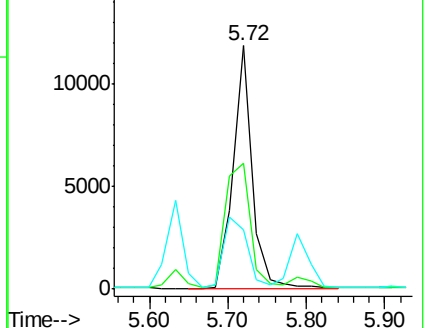
63 35.9 29.5 44.3

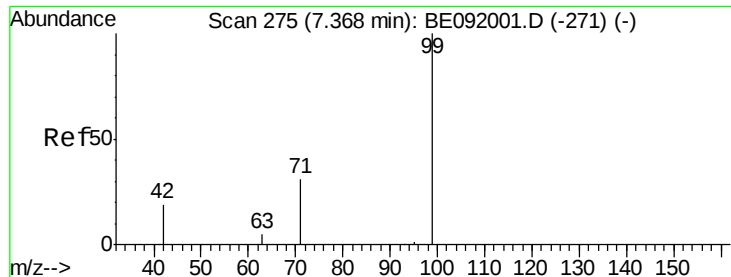


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 2.36 ng

RT: 7.35 min Scan# 274

Delta R.T. -0.02 min

Lab File: BE092022.D

Acq: 23 Jul 2016 1:14

Instrument :

BNA_E

ClientSampleId :

GW-10-6.0-15.0

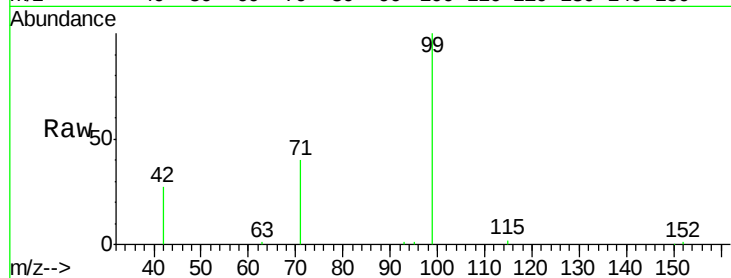
Tgt Ion: 99 Resp: 20455

Ion Ratio Lower Upper

99 100

42 25.9 19.6 29.4

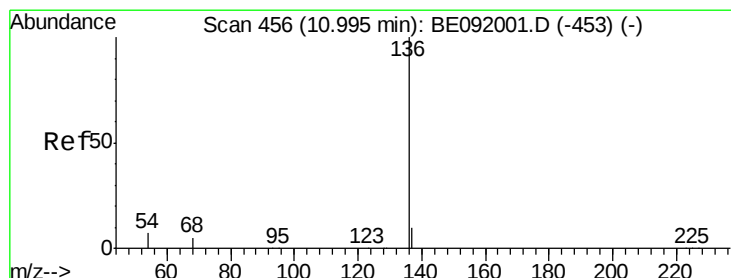
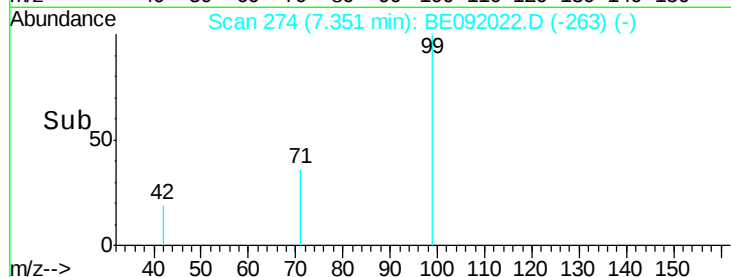
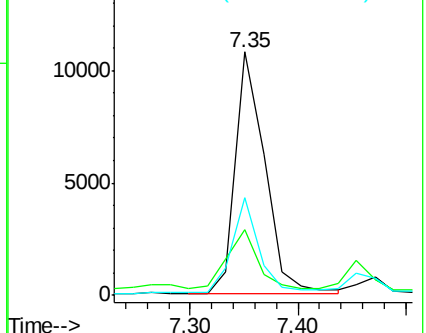
71 37.7 28.1 42.1



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

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

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



#8

Naphthalene-d8

Concen: 5.00 ng

RT: 10.99 min Scan# 456

Delta R.T. 0.00 min

Lab File: BE092022.D

Acq: 23 Jul 2016 1:14

Tgt Ion: 136 Resp: 134944

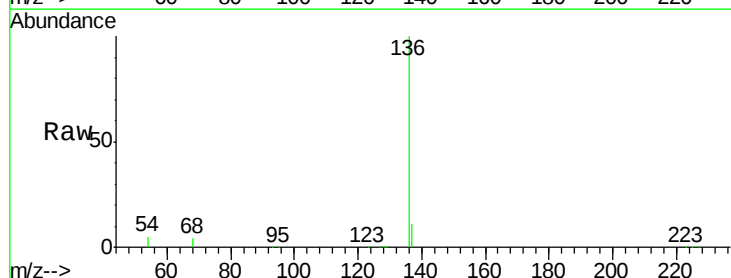
Ion Ratio Lower Upper

136 100

137 10.9 8.3 12.5

54 5.0 8.2 12.4#

68 4.1 5.9 8.9#

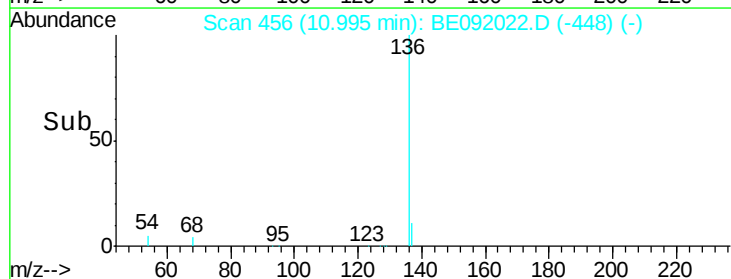
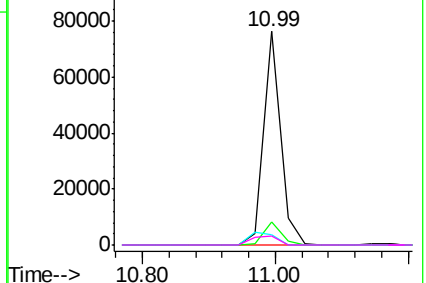


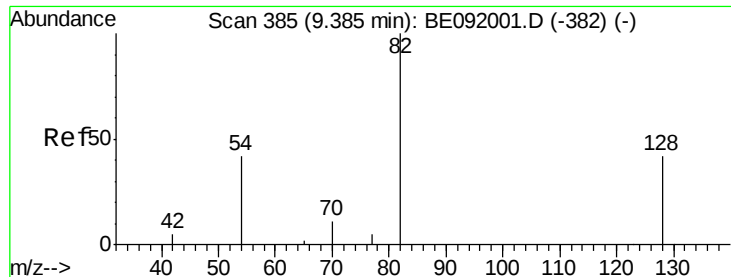
Abundance Ion 136.00 (135.70 to 136.70): BE092001.D (-453) (-)

Ion 137.00 (136.70 to 137.70): BE092001.D (-453) (-)

Ion 54.00 (53.70 to 54.70): BE092001.D (-453) (-)

Ion 68.00 (67.70 to 68.70): BE092001.D (-453) (-)





#9

Nitrobenzene-d5

Concen: 4.36 ng

RT: 9.37 min Scan# 384

Delta R.T. -0.02 min

Lab File: BE092022.D

Acq: 23 Jul 2016 1:14

Instrument :

BNA_E

ClientSampleId :

GW-10-6.0-15.0

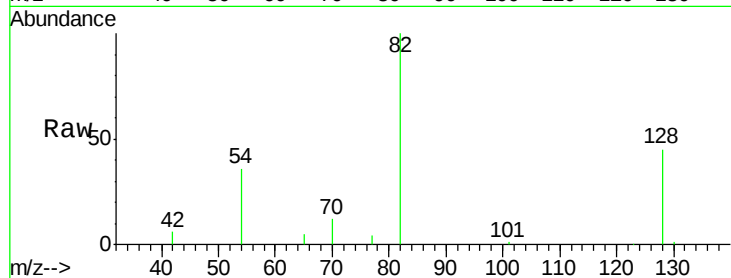
Tgt Ion: 82 Resp: 35441

Ion Ratio Lower Upper

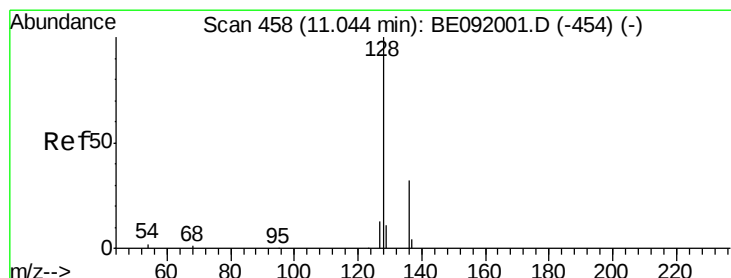
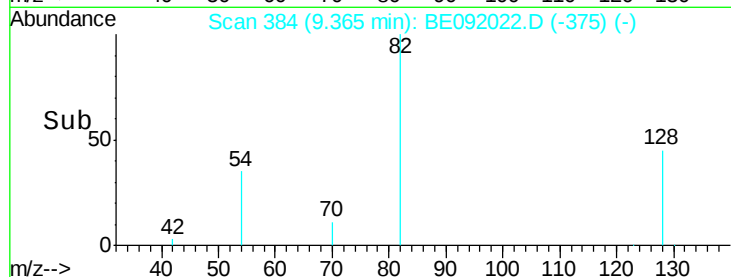
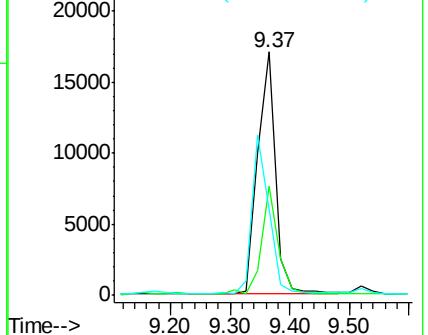
82 100

128 45.1 39.5 59.3

54 35.6 30.3 45.5



Abundance Ion 82.00 (81.70 to 82.70): BE0
Ion 128.00 (127.70 to 128.70): BE0
Ion 54.00 (53.70 to 54.70): BE0



#12

Naphthalene

Concen: 8.42 ng

RT: 11.04 min Scan# 458

Delta R.T. 0.00 min

Lab File: BE092022.D

Acq: 23 Jul 2016 1:14

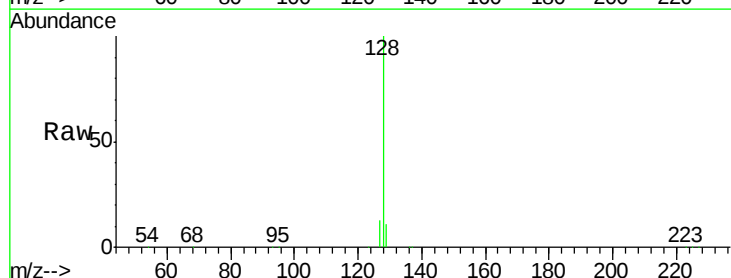
Tgt Ion: 128 Resp: 257980

Ion Ratio Lower Upper

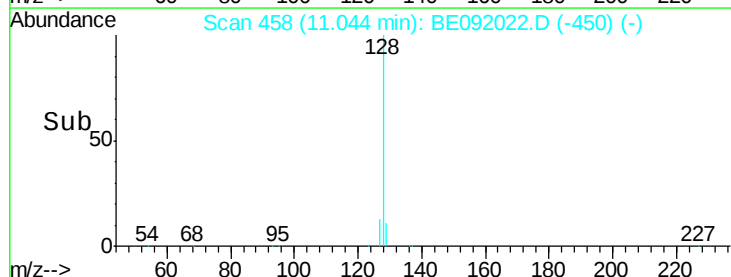
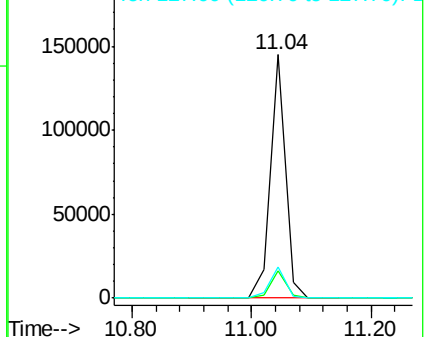
128 100

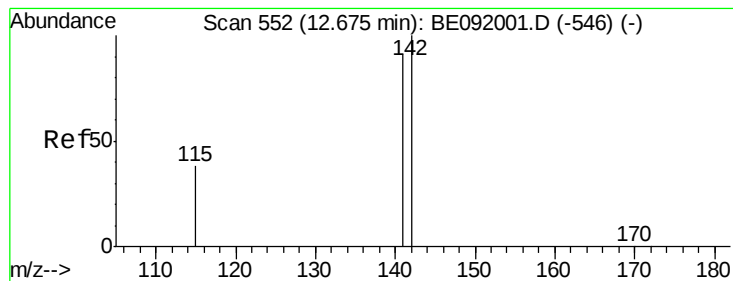
129 11.4 10.4 15.6

127 12.6 10.2 15.2



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





#14

2-Methylnaphthalene

Concen: 0.56 ng

RT: 12.66 min Scan# 551

Delta R.T. -0.01 min

Lab File: BE092022.D

Acq: 23 Jul 2016 1:14

Instrument :

BNA_E

ClientSampleId :

GW-10-6.0-15.0

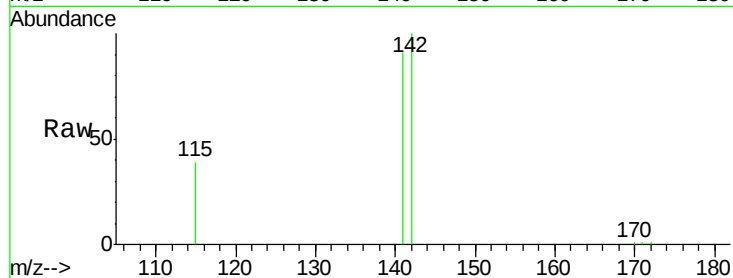
Tgt Ion:142 Resp: 10706

Ion Ratio Lower Upper

142 100

141 91.4 71.9 107.9

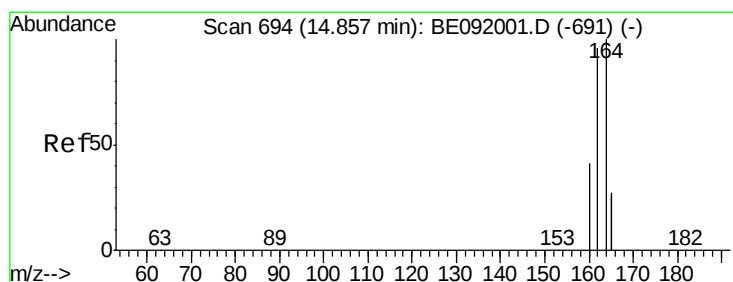
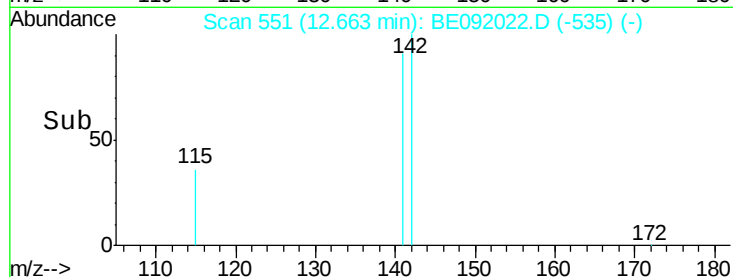
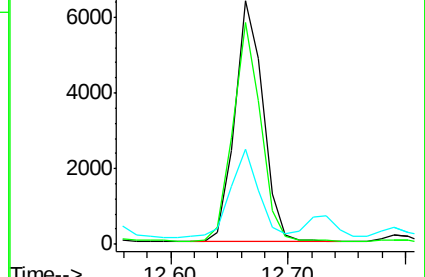
115 38.9 29.9 44.9



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



#15

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.86 min Scan# 694

Delta R.T. 0.00 min

Lab File: BE092022.D

Acq: 23 Jul 2016 1:14

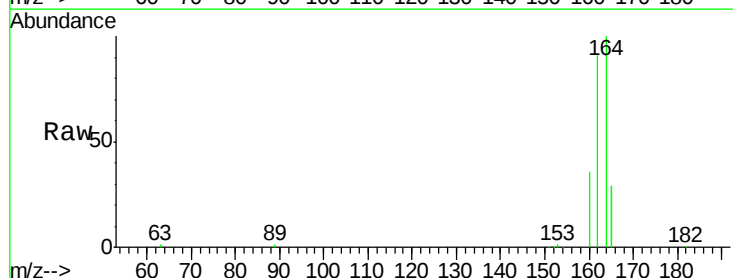
Tgt Ion:164 Resp: 87749

Ion Ratio Lower Upper

164 100

162 90.7 71.8 107.8

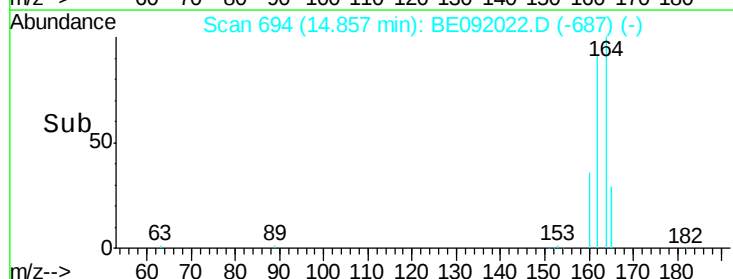
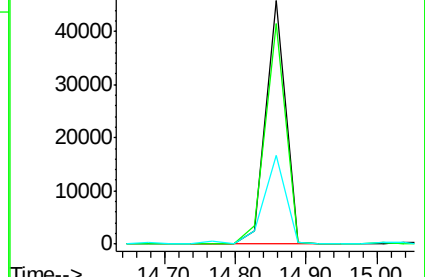
160 36.3 28.0 42.0

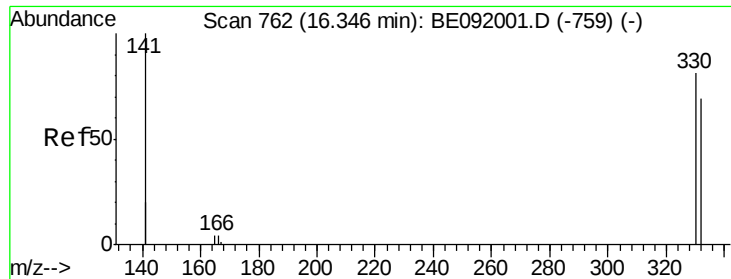


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

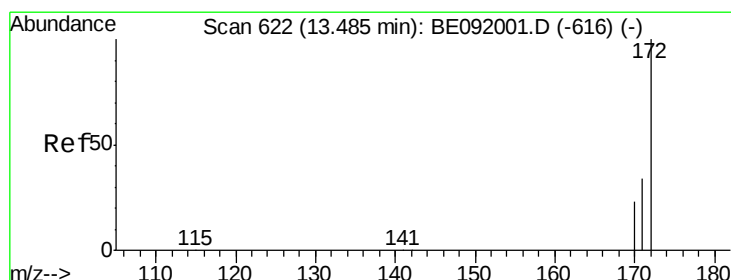
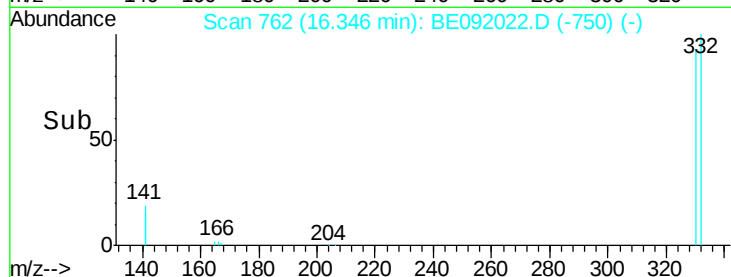
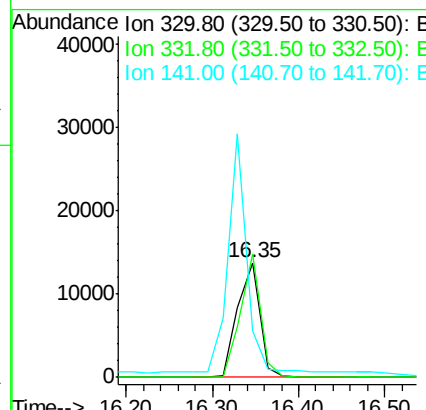
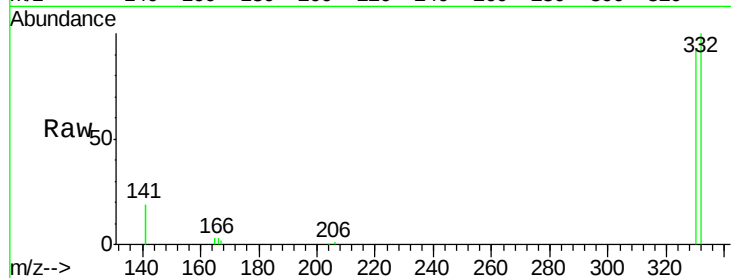




#16
 2,4,6-Tribromophenol
 Concen: 8.06 ng
 RT: 16.35 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BE092022.D
 Acq: 23 Jul 2016 1:14

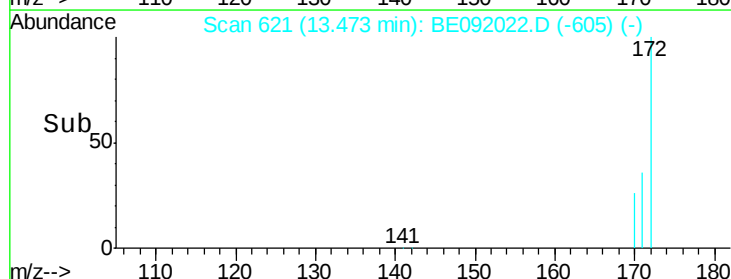
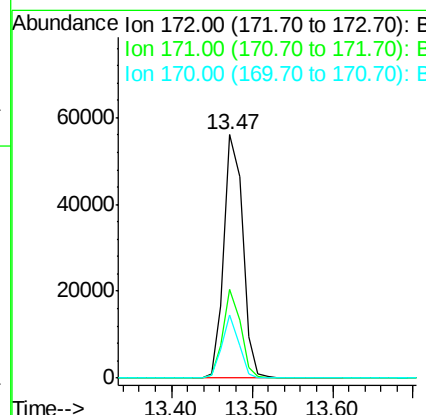
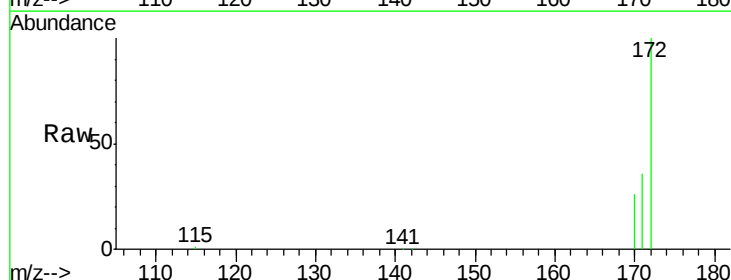
Instrument :
 BNA_E
 ClientSampleId :
 GW-10-6.0-15.0

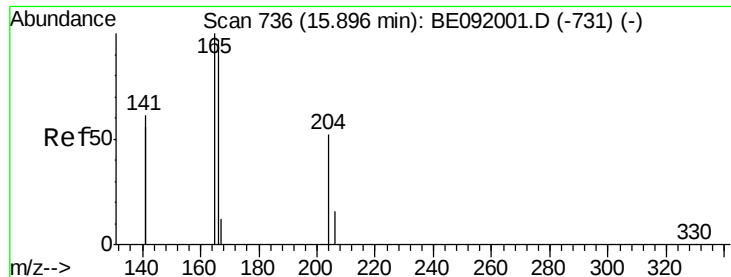
Tgt Ion:330 Resp: 24543
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.0 115.6
 141 173.9 138.4 207.6



#17
 2-Fluorobiphenyl
 Concen: 3.94 ng
 RT: 13.47 min Scan# 621
 Delta R.T. -0.01 min
 Lab File: BE092022.D
 Acq: 23 Jul 2016 1:14

Tgt Ion:172 Resp: 90923
 Ion Ratio Lower Upper
 172 100
 171 36.4 24.3 36.5
 170 26.1 14.9 22.3#





#22

Fluorene

Concen: 0.12 ng

RT: 15.90 min Scan# 736

Delta R.T. 0.00 min

Lab File: BE092022.D

Acq: 23 Jul 2016 1:14

Instrument :

BNA_E

ClientSampleId :

GW-10-6.0-15.0

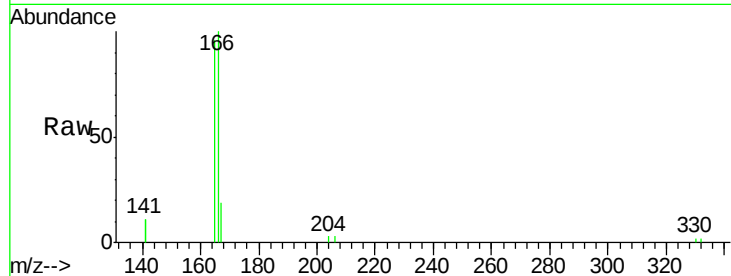
Tgt Ion:166 Resp: 3345

Ion Ratio Lower Upper

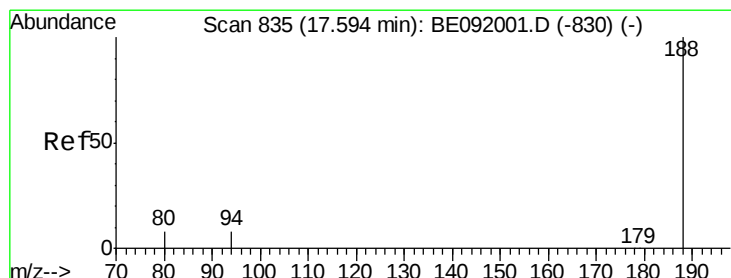
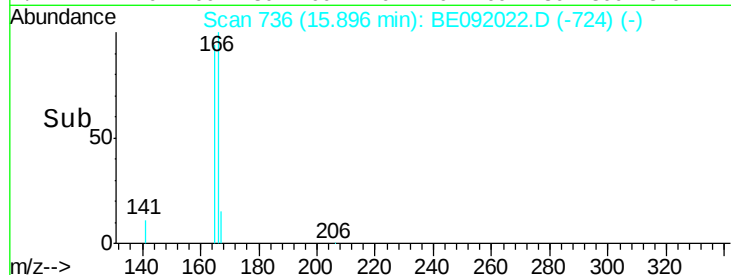
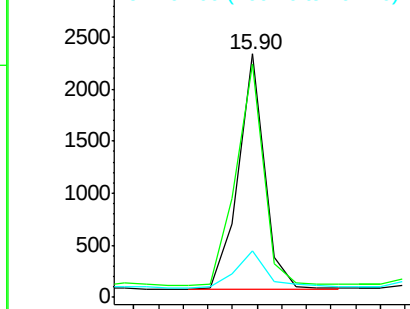
166 100

165 100.2 78.6 117.8

167 19.3 10.8 16.2#



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#24

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.59 min Scan# 835

Delta R.T. -0.00 min

Lab File: BE092022.D

Acq: 23 Jul 2016 1:14

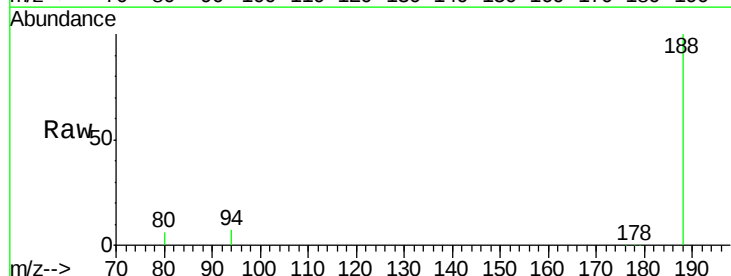
Tgt Ion:188 Resp: 196139

Ion Ratio Lower Upper

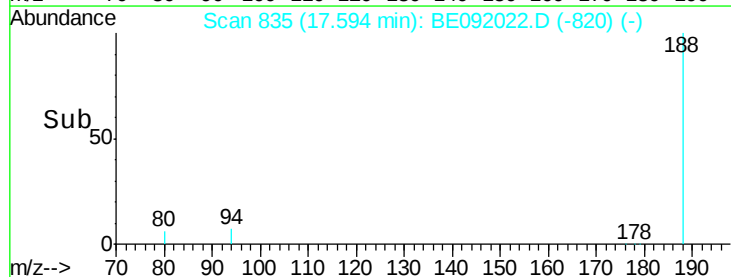
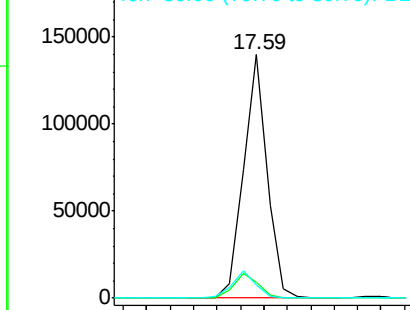
188 100

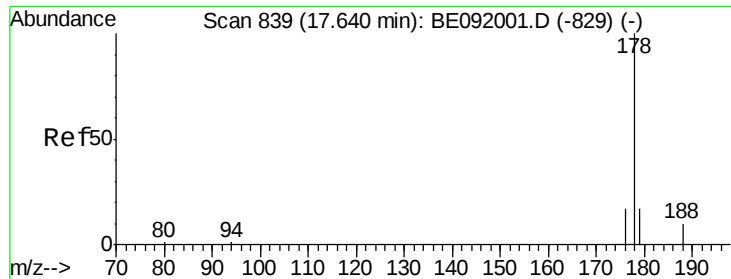
94 6.5 4.1 6.1#

80 5.7 3.4 5.2#



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

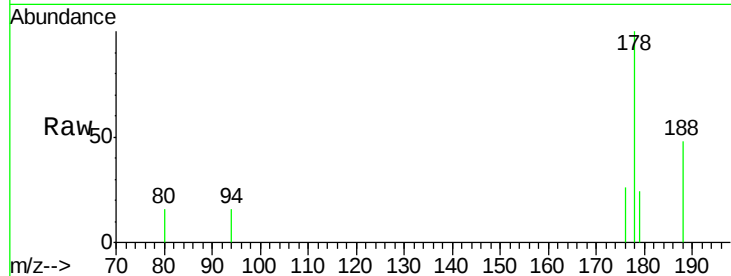




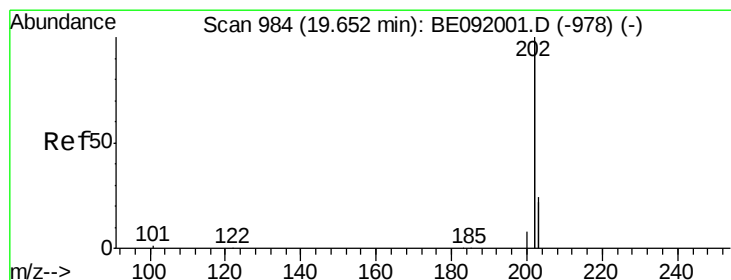
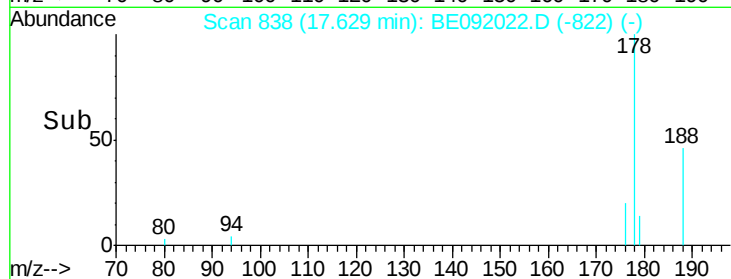
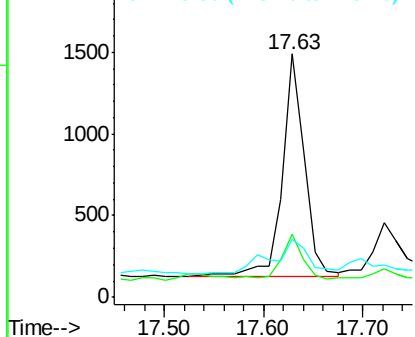
#28
Phenanthrene
Concen: 0.04 ng
RT: 17.63 min Scan# 838
Delta R.T. -0.01 min
Lab File: BE092022.D
Acq: 23 Jul 2016 1:14

Instrument :
BNA_E
ClientSampleId :
GW-10-6.0-15.0

Tgt Ion:178 Resp: 2117
Ion Ratio Lower Upper
178 100
176 18.5 15.4 23.2
179 26.1 12.9 19.3#

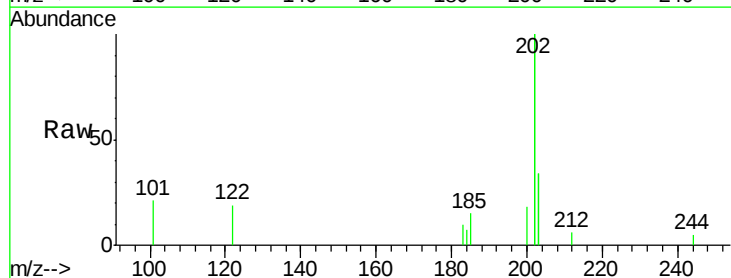


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

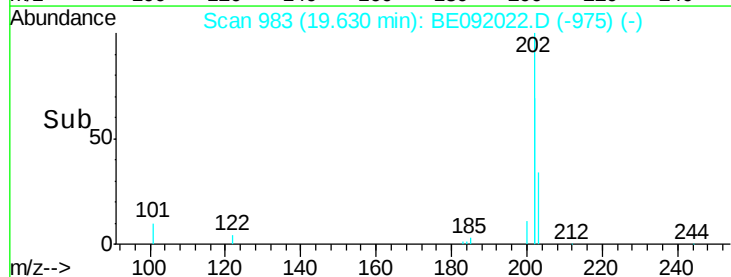
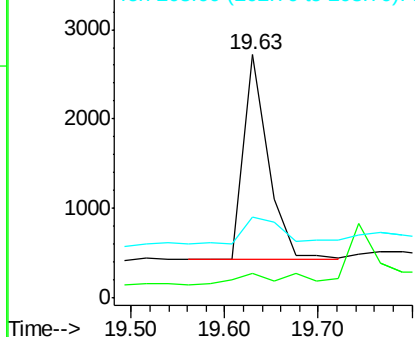


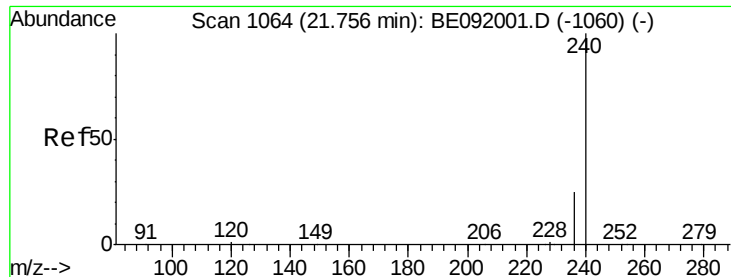
#30
Fluoranthene
Concen: 0.02 ng
RT: 19.63 min Scan# 983
Delta R.T. -0.02 min
Lab File: BE092022.D
Acq: 23 Jul 2016 1:14

Tgt Ion:202 Resp: 4230
Ion Ratio Lower Upper
202 100
101 8.6 9.4 14.0#
203 21.1 14.3 21.5



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





#31

Chrysene-d12

Concen: 5.00 ng

RT: 21.76 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BE092022.D

Acq: 23 Jul 2016 1:14

Instrument :

BNA_E

ClientSampleId :

GW-10-6.0-15.0

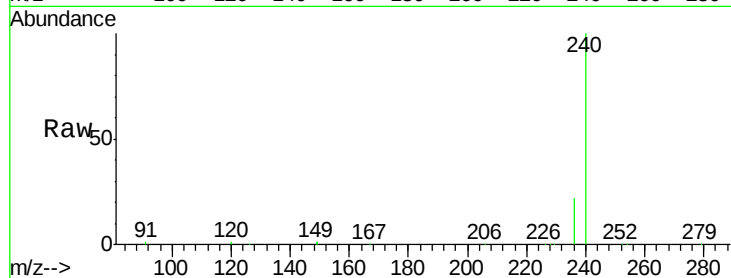
Tgt Ion:240 Resp: 200058

Ion Ratio Lower Upper

240 100

120 0.7 1.2 1.8#

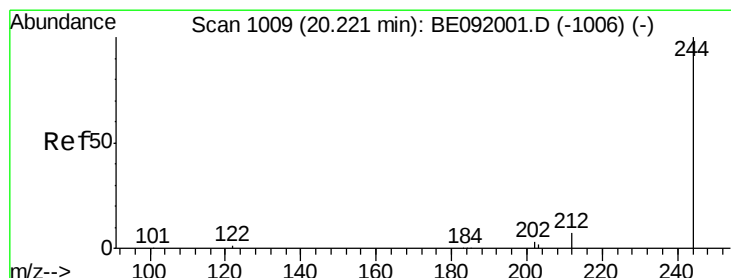
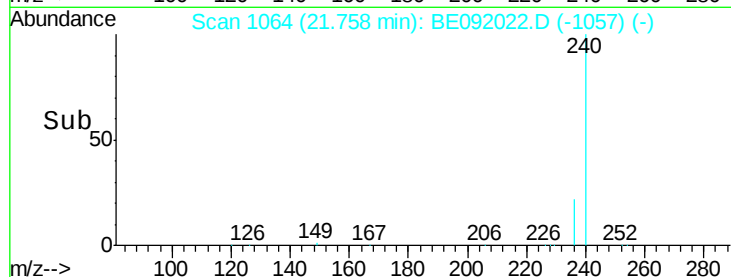
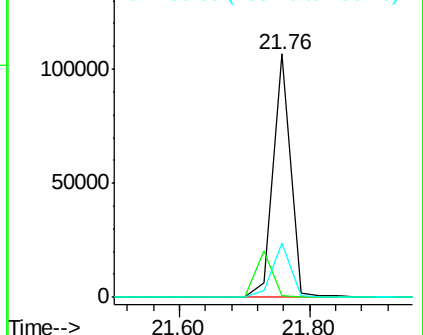
236 22.2 19.8 29.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#34

Terphenyl-d14

Concen: 8.22 ng

RT: 20.20 min Scan# 1008

Delta R.T. -0.02 min

Lab File: BE092022.D

Acq: 23 Jul 2016 1:14

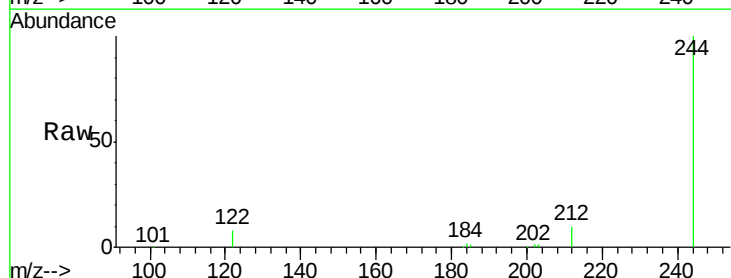
Tgt Ion:244 Resp: 165231

Ion Ratio Lower Upper

244 100

212 10.0 6.5 9.7#

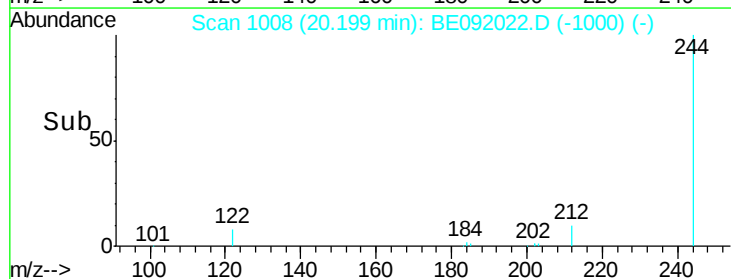
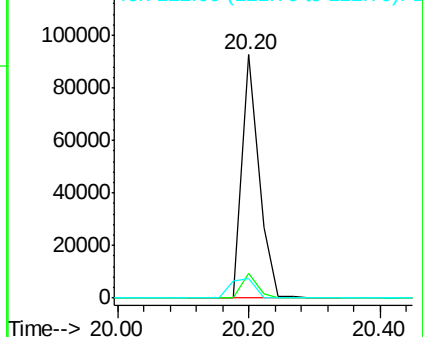
122 8.3 2.9 4.3#

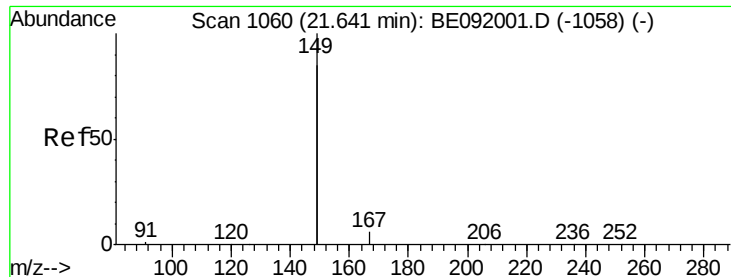


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

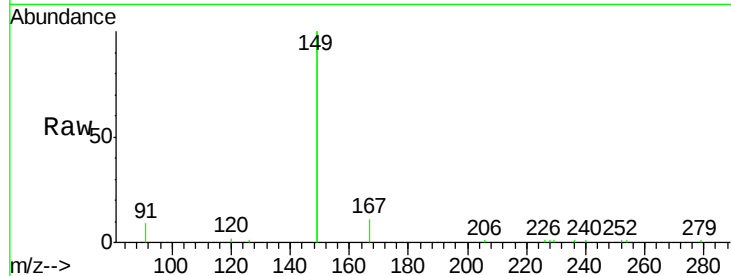




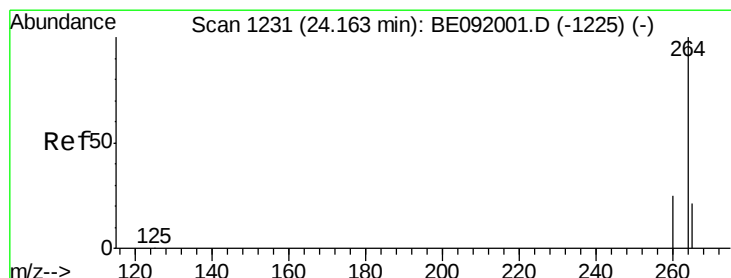
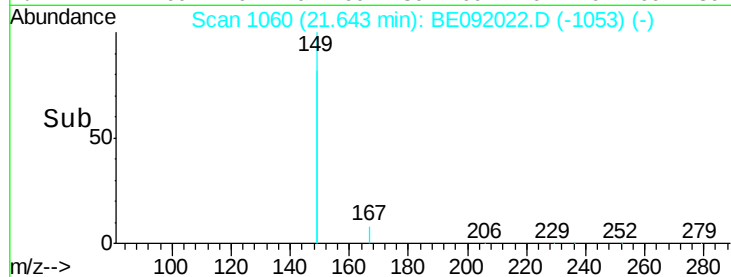
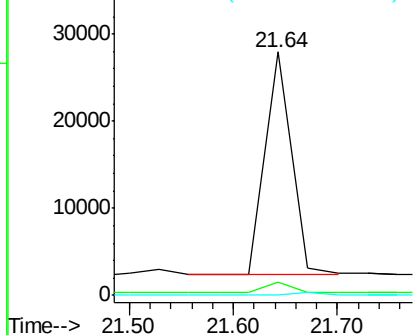
#38
 Bis(2-ethylhexyl)phthalate
 Concen: 1.22 ng
 RT: 21.64 min Scan# 1060
 Delta R.T. 0.00 min
 Lab File: BE092022.D
 Acq: 23 Jul 2016 1:14

Instrument :
 BNA_E
 ClientSampleId :
 GW-10-6.0-15.0

Tgt Ion:149 Resp: 45654
 Ion Ratio Lower Upper
 149 100
 167 4.9 0.0 0.0#
 279 0.0 0.0 0.0

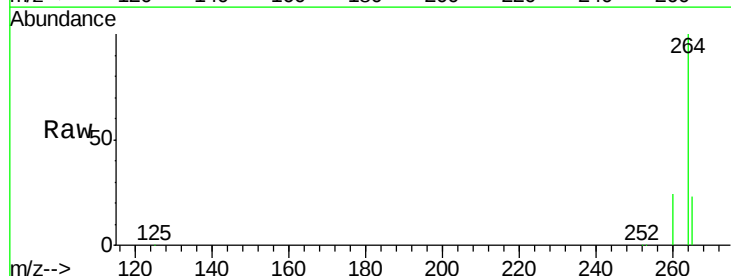


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#40
 Perylene-d12
 Concen: 5.00 ng
 RT: 24.16 min Scan# 1230
 Delta R.T. -0.00 min
 Lab File: BE092022.D
 Acq: 23 Jul 2016 1:14

Tgt Ion:264 Resp: 191218
 Ion Ratio Lower Upper
 264 100
 260 24.0 20.3 30.5
 265 22.6 17.6 26.4



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

