

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072216\
 Data File : BE092011.D
 Acq On : 22 Jul 2016 18:10
 Operator : UM/SJ
 Sample : H4120-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 GW-02-6.5-17.0

Quant Time: Jul 23 01:44:11 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

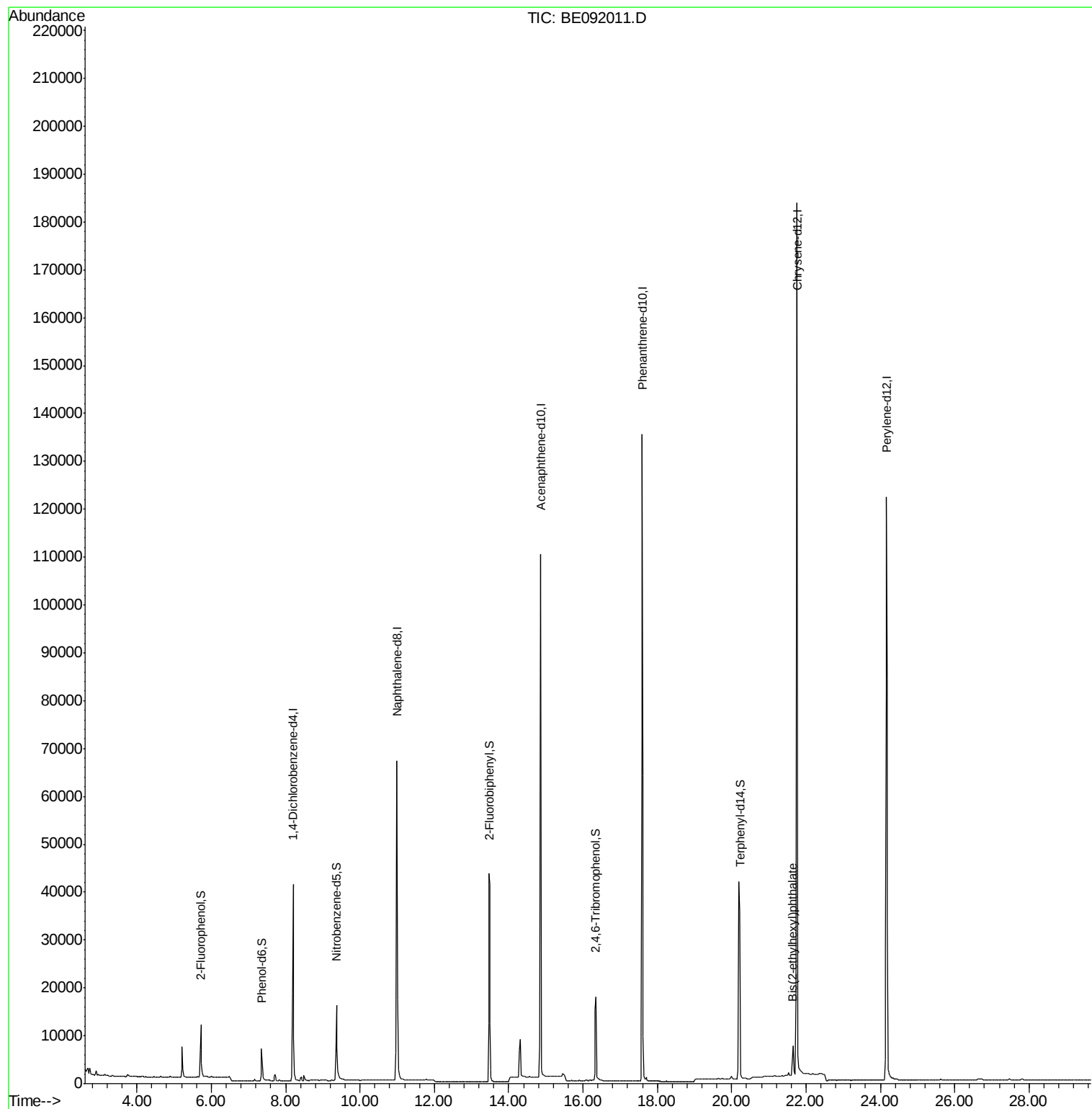
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	22704	5.00	ng	0.00
8) Naphthalene-d8	10.99	136	109176	5.00	ng	0.00
15) Acenaphthene-d10	14.86	164	71670	5.00	ng	0.00
24) Phenanthrene-d10	17.59	188	168898	5.00	ng	0.00
31) Chrysene-d12	21.76	240	259090	5.00	ng	0.00
40) Perylene-d12	24.16	264	176404	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.72	112	10723	2.44	ng	0.00
5) Phenol-d6	7.35	99	9836	1.36	ng	-0.02
9) Nitrobenzene-d5	9.37	82	17418	2.65	ng	-0.02
16) 2,4,6-Tribromophenol	16.35	330	10345	4.25	ng	0.00
17) 2-Fluorobiphenyl	13.48	172	50976	2.70	ng	0.00
34) Terphenyl-d14	20.22	244	83864	3.22	ng	0.00
Target Compounds						
38) Bis(2-ethylhexyl)phthalate	21.64	149	11059	0.29	ng	Qvalue # 100

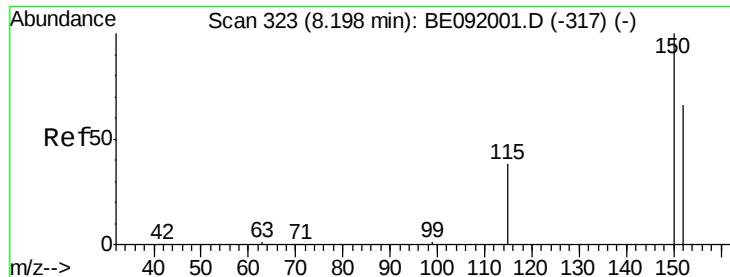
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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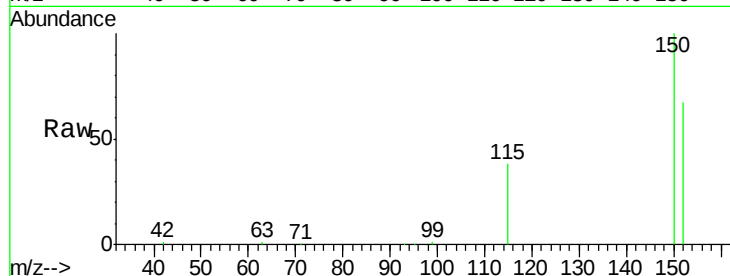




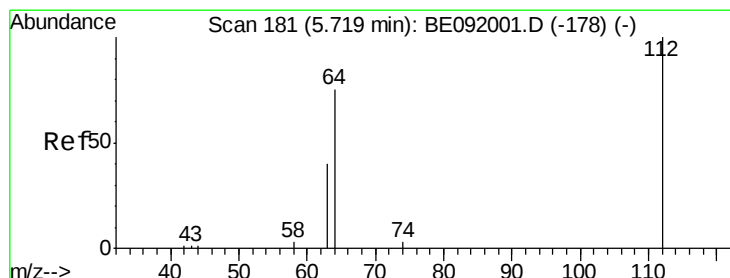
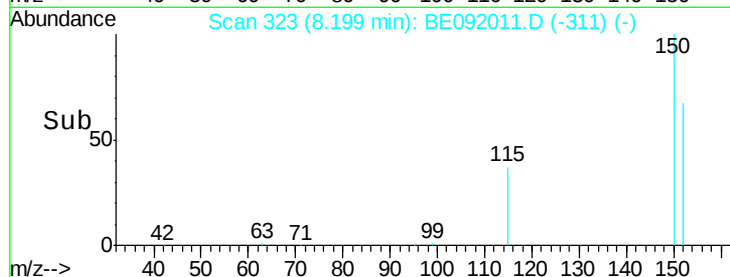
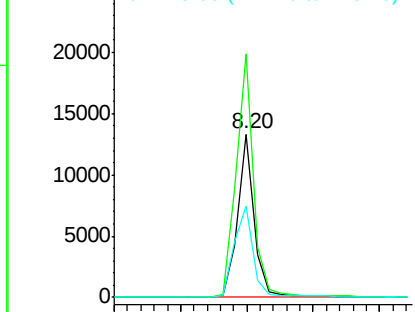
#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 8.20 min Scan# 323
 Delta R.T. 0.00 min
 Lab File: BE092011.D
 Acq: 22 Jul 2016 18:10

Instrument :
 BNA_E
 ClientSampleId :
 GW-02-6.5-17.0

Tgt Ion:152 Resp: 22704
 Ion Ratio Lower Upper
 152 100
 150 149.1 123.9 185.9
 115 56.2 48.3 72.5

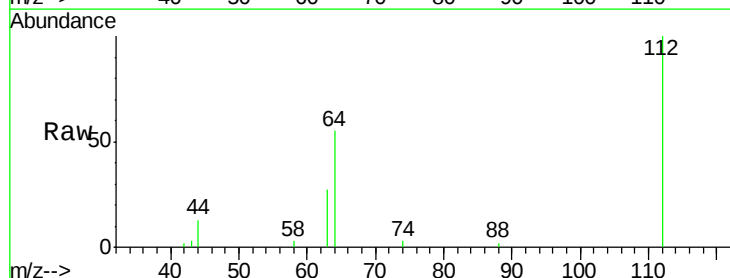


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

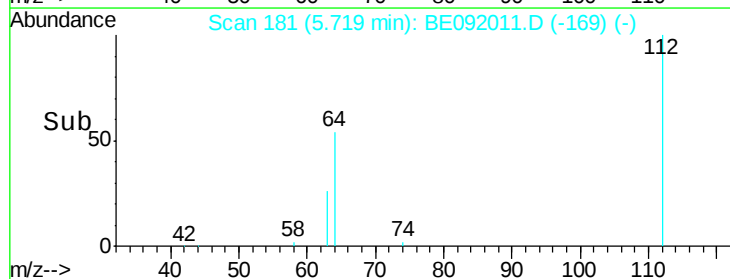
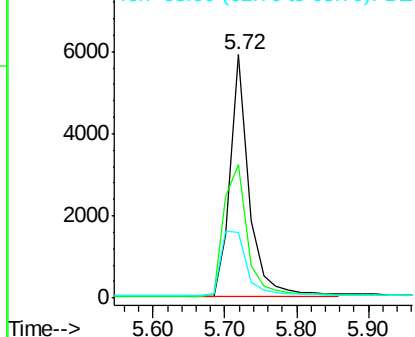


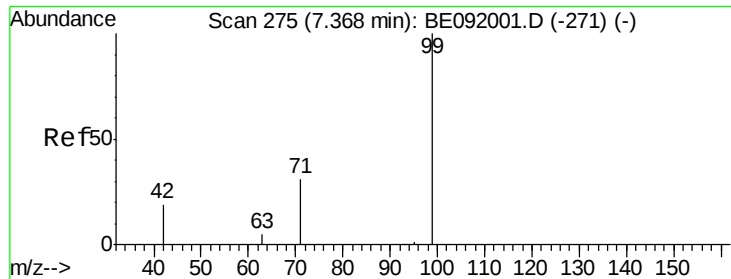
#4
 2-Fluorophenol
 Concen: 2.44 ng
 RT: 5.72 min Scan# 181
 Delta R.T. 0.00 min
 Lab File: BE092011.D
 Acq: 22 Jul 2016 18:10

Tgt Ion:112 Resp: 10723
 Ion Ratio Lower Upper
 112 100
 64 67.9 53.7 80.5
 63 37.2 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: 1.36 ng

RT: 7.35 min Scan# 274

Delta R.T. -0.02 min

Lab File: BE092011.D

Acq: 22 Jul 2016 18:10

Instrument :

BNA_E

ClientSampleId :

GW-02-6.5-17.0

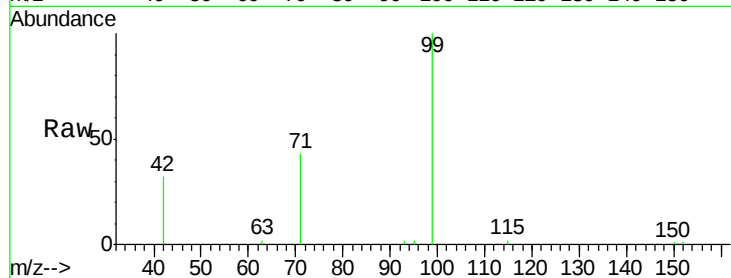
Tgt Ion: 99 Resp: 9836

Ion Ratio Lower Upper

99 100

42 24.8 19.6 29.4

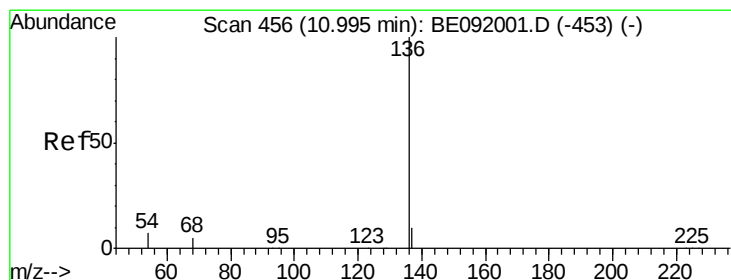
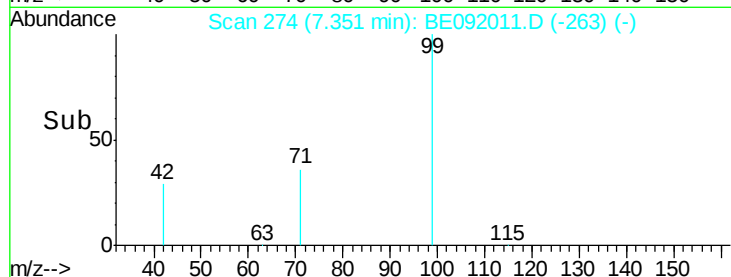
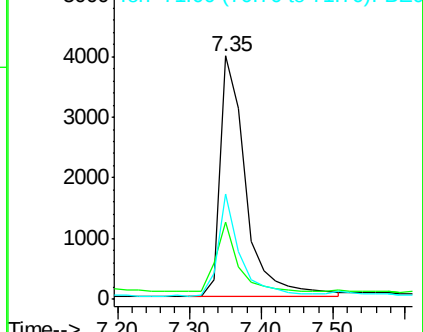
71 37.0 28.1 42.1



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



#8

Naphthalene-d8

Concen: 5.00 ng

RT: 10.99 min Scan# 456

Delta R.T. -0.00 min

Lab File: BE092011.D

Acq: 22 Jul 2016 18:10

Tgt Ion: 136 Resp: 109176

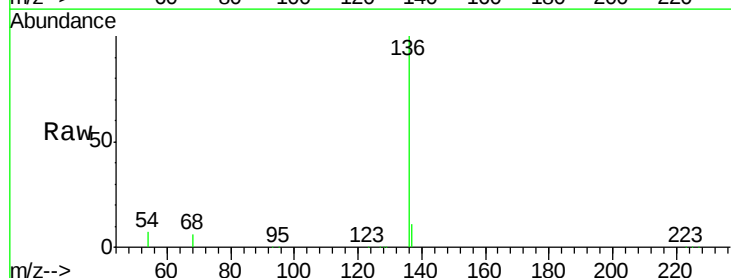
Ion Ratio Lower Upper

136 100

137 10.5 8.3 12.5

54 7.5 8.2 12.4#

68 5.6 5.9 8.9#

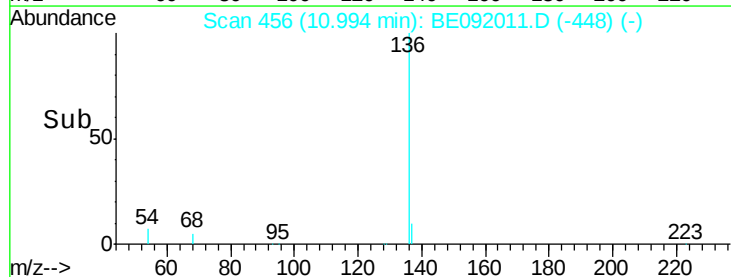
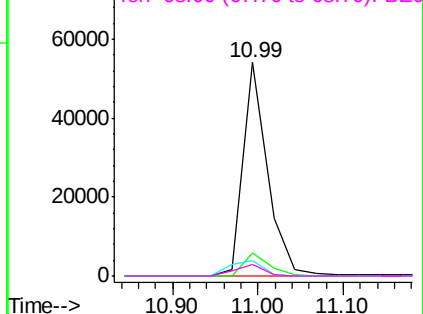


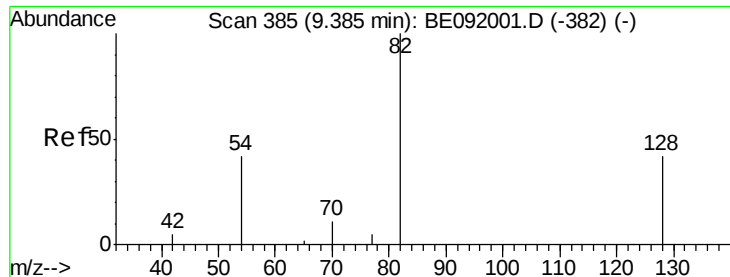
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0





#9

Nitrobenzene-d5

Concen: 2.65 ng

RT: 9.37 min Scan# 384

Delta R.T. -0.02 min

Lab File: BE092011.D

Acq: 22 Jul 2016 18:10

Instrument :

BNA_E

ClientSampleId :

GW-02-6.5-17.0

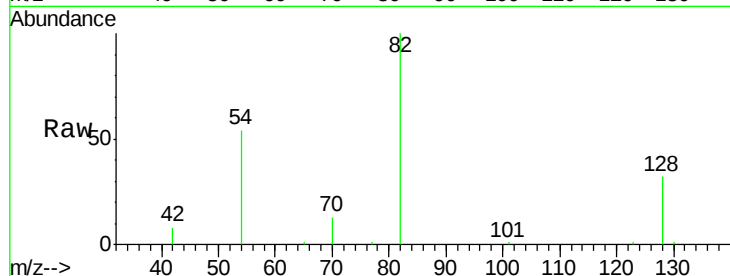
Tgt Ion: 82 Resp: 17418

Ion Ratio Lower Upper

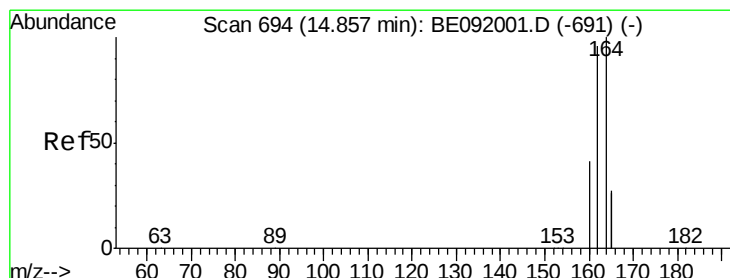
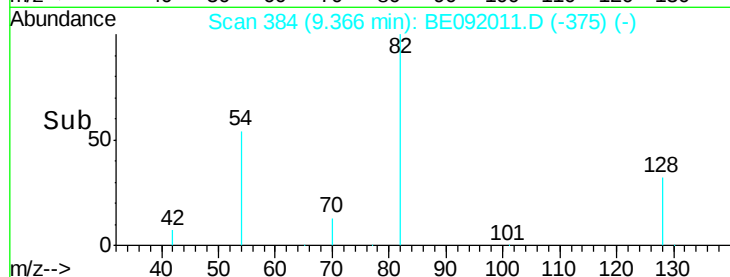
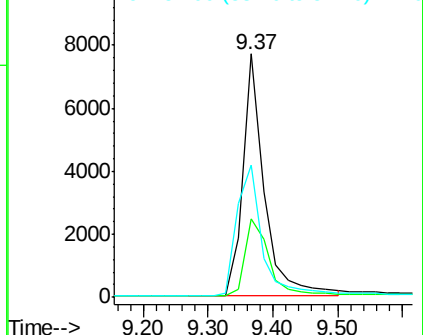
82 100

128 32.2 39.5 59.3#

54 54.3 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



#15

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.86 min Scan# 694

Delta R.T. 0.00 min

Lab File: BE092011.D

Acq: 22 Jul 2016 18:10

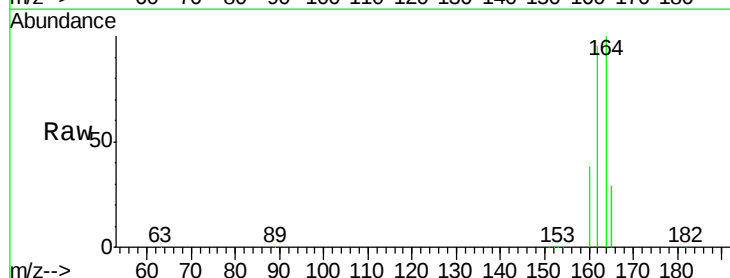
Tgt Ion: 164 Resp: 71670

Ion Ratio Lower Upper

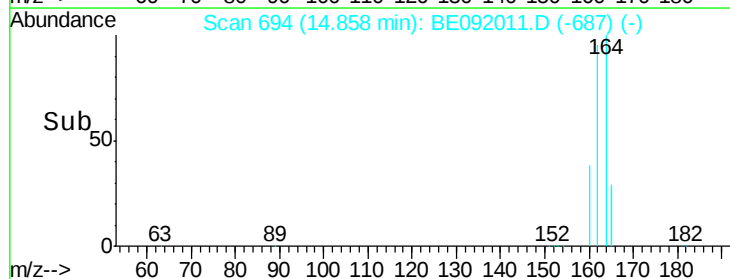
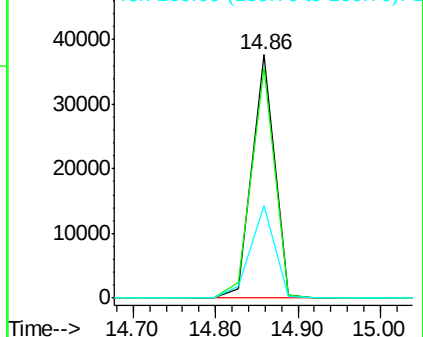
164 100

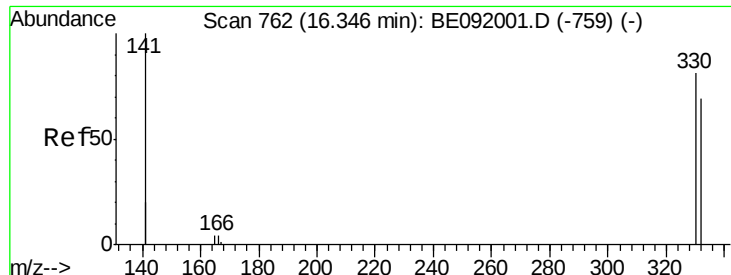
162 94.6 71.8 107.8

160 38.2 28.0 42.0



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

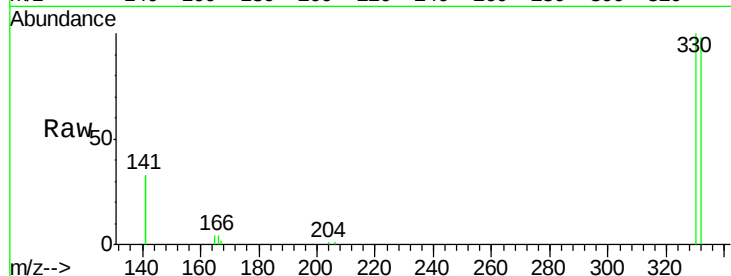




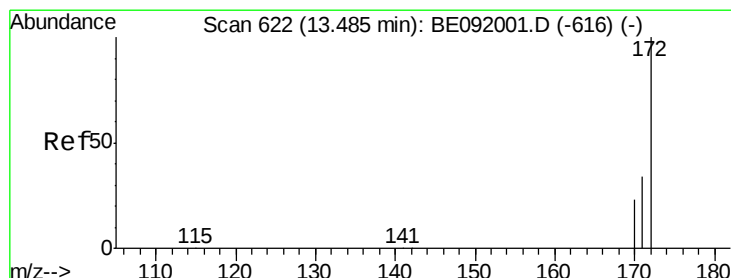
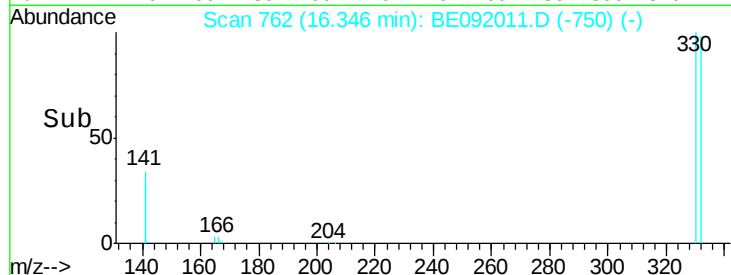
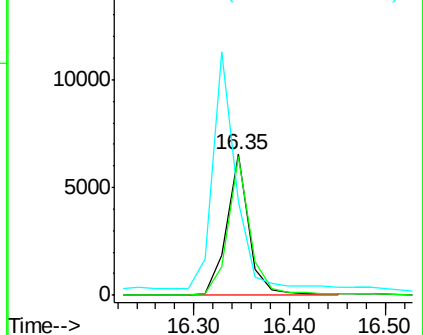
#16
 2,4,6-Tribromophenol
 Concen: 4.25 ng
 RT: 16.35 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BE092011.D
 Acq: 22 Jul 2016 18:10

Instrument :
 BNA_E
 ClientSampleId :
 GW-02-6.5-17.0

Tgt Ion:330 Resp: 10345
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 176.7 138.4 207.6

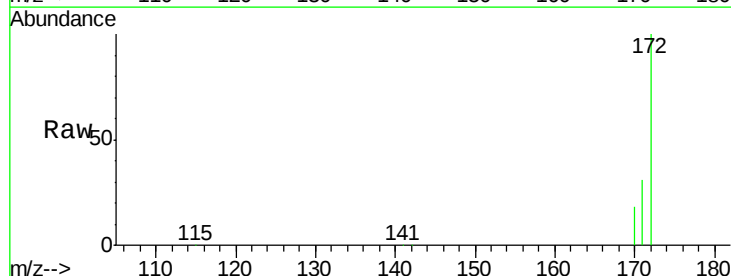


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

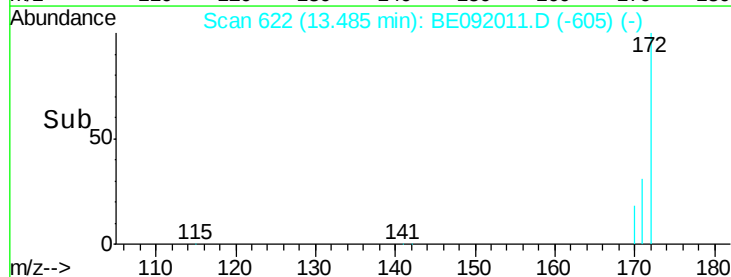
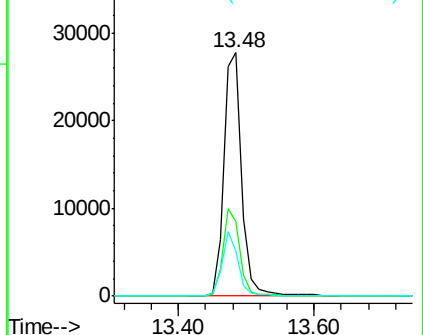


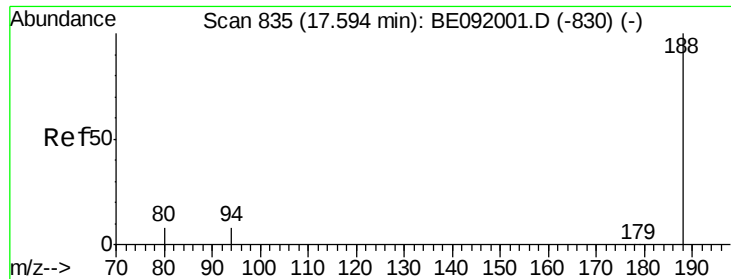
#17
 2-Fluorobiphenyl
 Concen: 2.70 ng
 RT: 13.48 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BE092011.D
 Acq: 22 Jul 2016 18:10

Tgt Ion:172 Resp: 50976
 Ion Ratio Lower Upper
 172 100
 171 30.7 24.3 36.5
 170 18.4 14.9 22.3



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

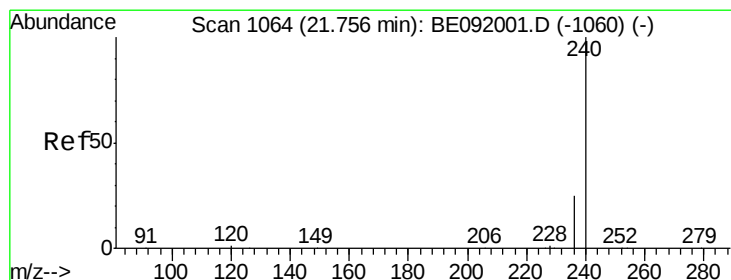
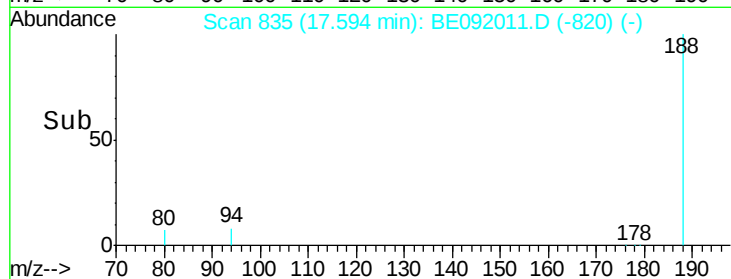
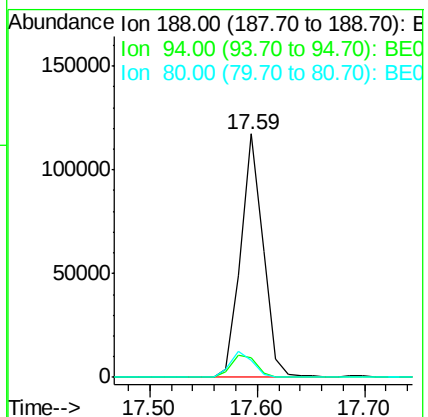
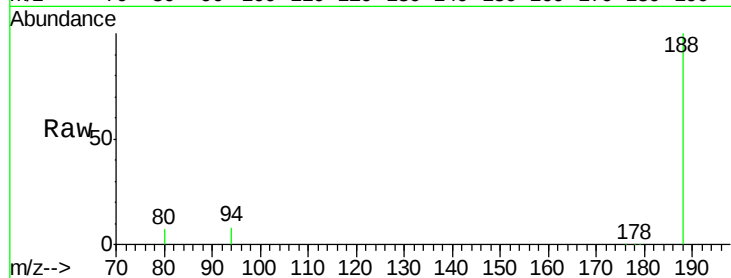




#24
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.59 min Scan# 835
Delta R.T. 0.00 min
Lab File: BE092011.D
Acq: 22 Jul 2016 18:10

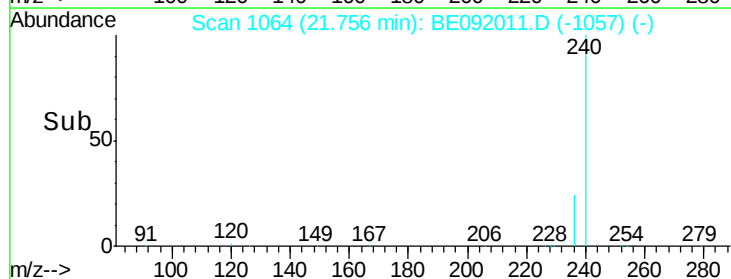
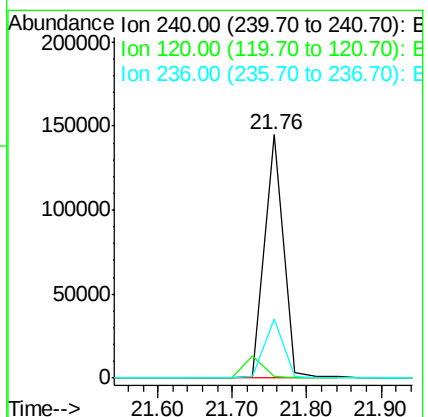
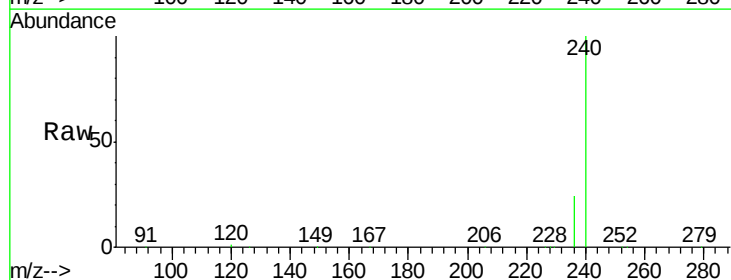
Instrument :
BNA_E
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GW-02-6.5-17.0

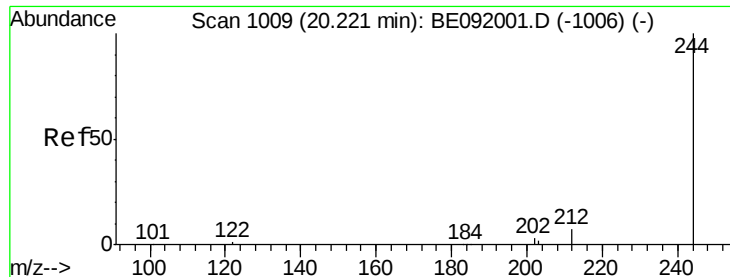
Tgt Ion:188 Resp: 168898
Ion Ratio Lower Upper
188 100
94 8.0 4.1 6.1#
80 7.3 3.4 5.2#



#31
Chrysene-d12
Concen: 5.00 ng
RT: 21.76 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BE092011.D
Acq: 22 Jul 2016 18:10

Tgt Ion:240 Resp: 259090
Ion Ratio Lower Upper
240 100
120 0.8 1.2 1.8#
236 24.4 19.8 29.8





#34

Terphenyl-d14

Concen: 3.22 ng

RT: 20.22 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BE092011.D

Acq: 22 Jul 2016 18:10

Instrument :

BNA_E

ClientSampleId :

GW-02-6.5-17.0

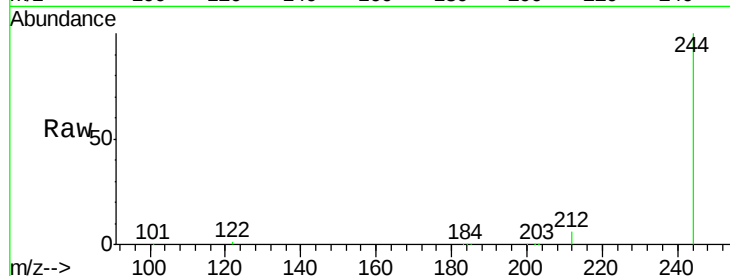
Tgt Ion: 244 Resp: 83864

Ion Ratio Lower Upper

244 100

212 6.2 6.5 9.7#

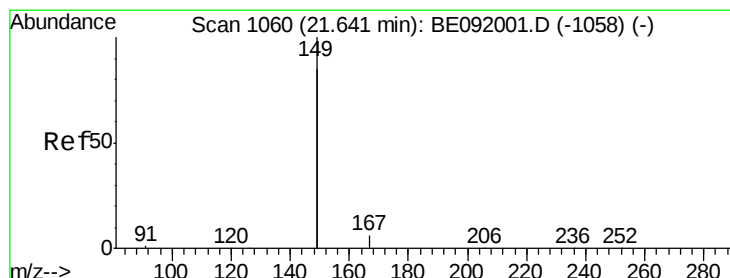
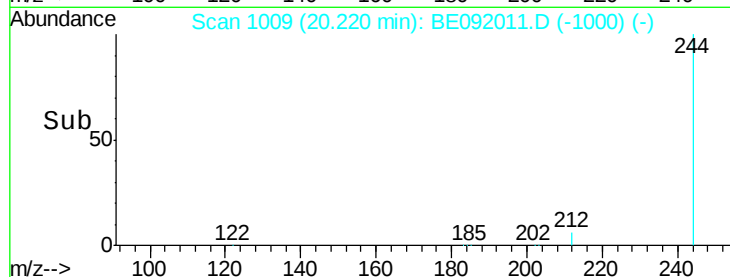
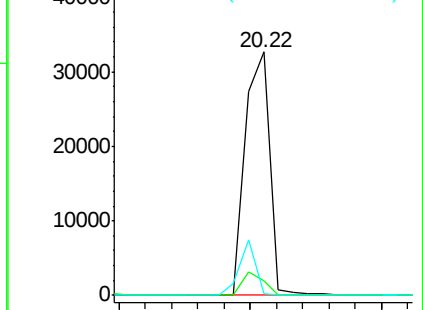
122 0.7 2.9 4.3#



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: 0.29 ng

RT: 21.64 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BE092011.D

Acq: 22 Jul 2016 18:10

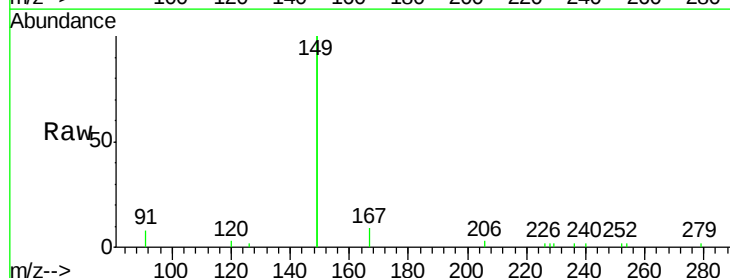
Tgt Ion: 149 Resp: 11059

Ion Ratio Lower Upper

149 100

167 4.3 0.0 0.0#

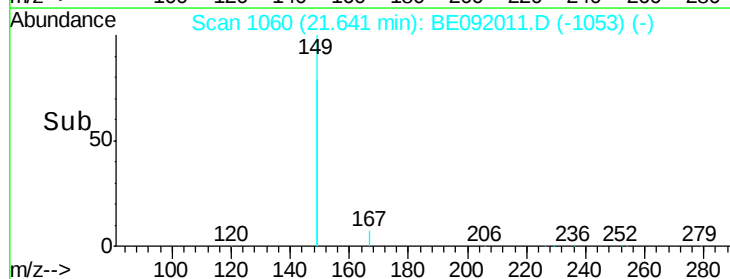
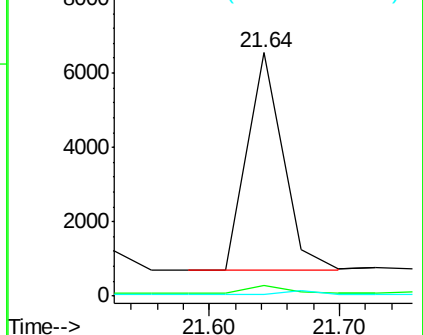
279 0.0 0.0 0.0

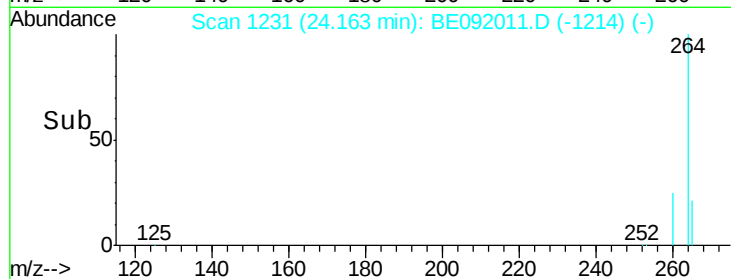
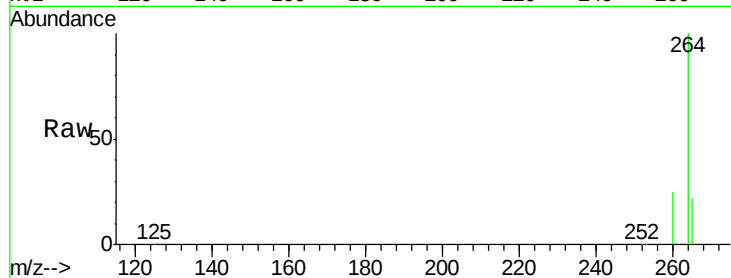
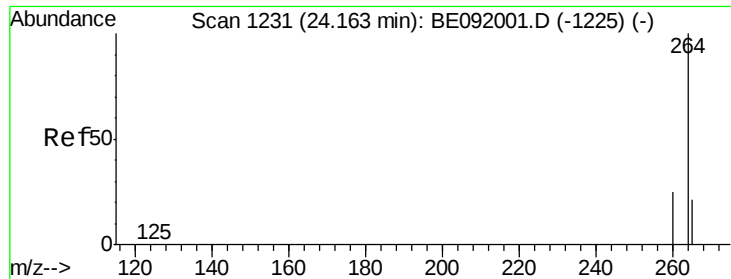


Abundance Ion 149.00 (148.70 to 149.70): E

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# 1231

Delta R.T. -0.00 min

Lab File: BE092011.D

Acq: 22 Jul 2016 18:10

Instrument :

BNA_E

ClientSampleId :

GW-02-6.5-17.0

Tgt Ion:264 Resp: 176404

Ion Ratio Lower Upper

264 100

260 25.1 20.3 30.5

265 21.6 17.6 26.4

