

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080316\
 Data File : BE092157.D
 Acq On : 3 Aug 2016 22:37
 Operator : UM/SJ
 Sample : H4176-18
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 GW-36-6.5-15.0

Quant Time: Aug 04 05:52:04 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	12071	5.00	ng	0.00
6) Naphthalene-d8	10.98	136	52168	5.00	ng	-0.01
10) Acenaphthene-d10	14.83	164	28182	5.00	ng	-0.02
16) Phenanthrene-d10	17.56	188	65436	5.00	ng	-0.02
22) Chrysene-d12	21.73	240	82452	5.00	ng	-0.02
28) Perylene-d12	24.14	264	82223	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.69	112	230303	74.29	ng	0.00
5) Phenol-d6	7.34	99	221907	53.73	ng	-0.01
7) Nitrobenzene-d5	9.34	82	337039	81.88	ng	-0.01
11) 2,4,6-Tribromophenol	16.33	330	140892	153.96	ng	0.00
12) 2-Fluorobiphenyl	13.46	172	622022	69.65	ng	0.00
24) Terphenyl-d14	20.19	244	737990	62.32	ng	-0.02

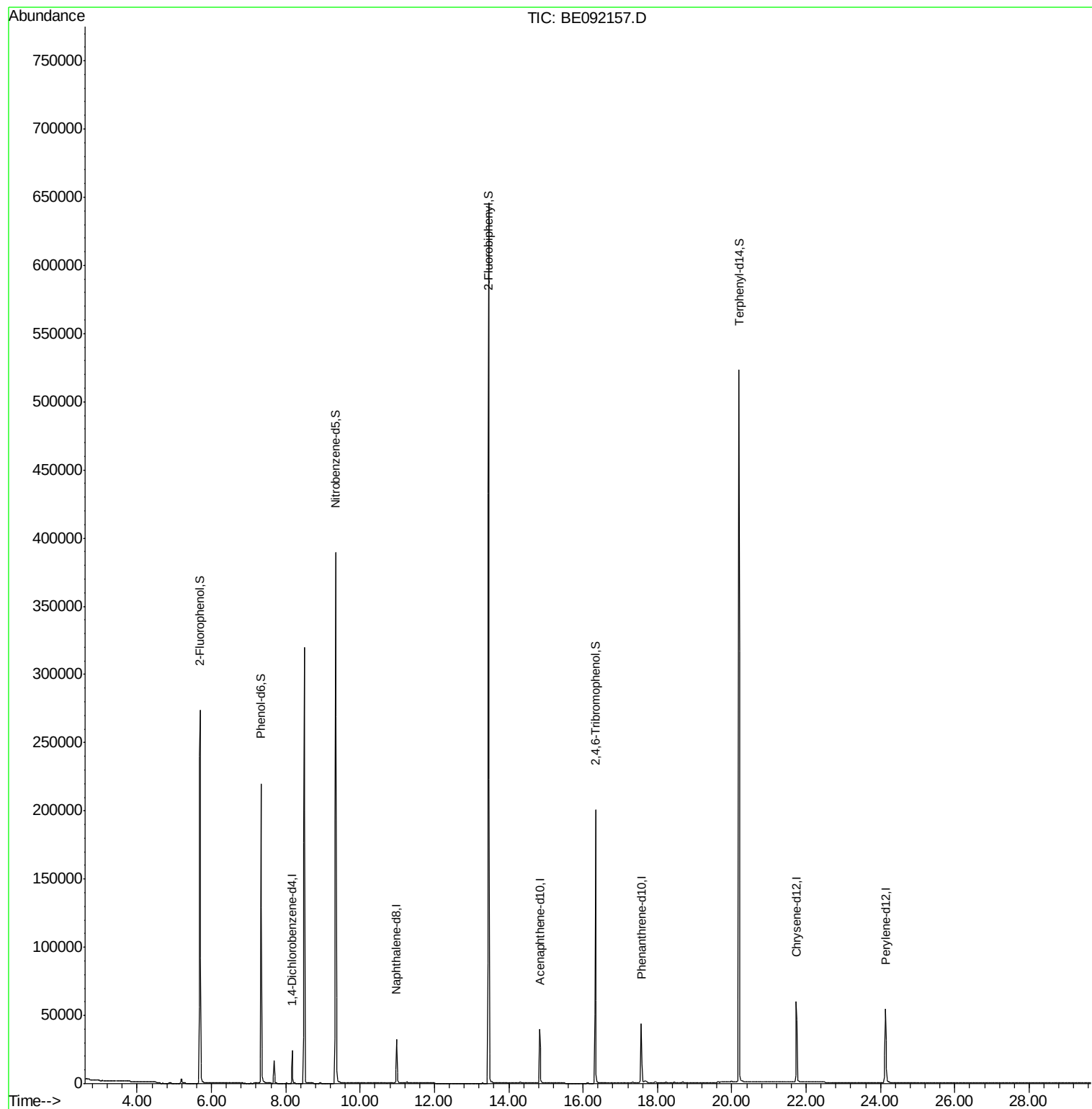
Target Compounds	Qvalue
------------------	--------

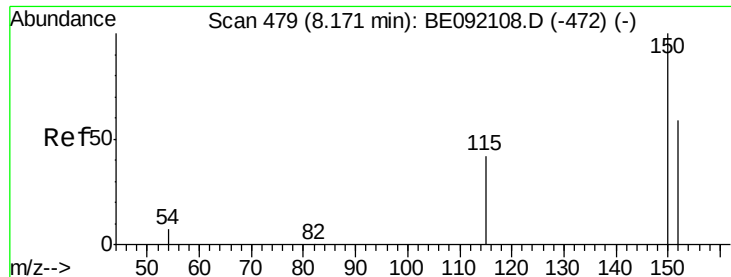
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080316\
Data File : BE092157.D
Acq On : 3 Aug 2016 22:37
Operator : UM/SJ
Sample : H4176-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
GW-36-6.5-15.0

Quant Time: Aug 04 05:52:04 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





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.17 min Scan# 479

Delta R.T. -0.00 min

Lab File: BE092157.D

Acq: 3 Aug 2016 22:37

Instrument :

BNA_E

ClientSampleId :

GW-36-6.5-15.0

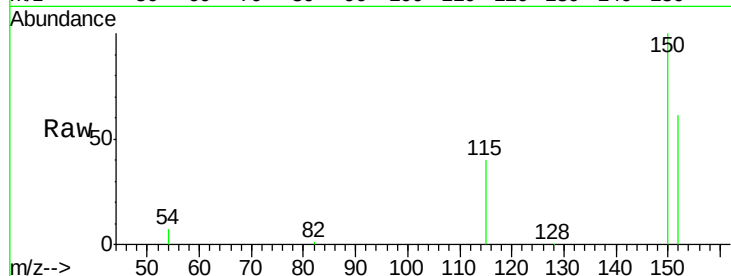
Tgt Ion:152 Resp: 12071

Ion Ratio Lower Upper

152 100

150 164.7 106.0 159.0#

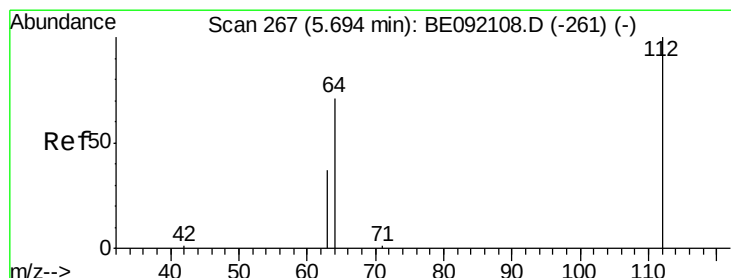
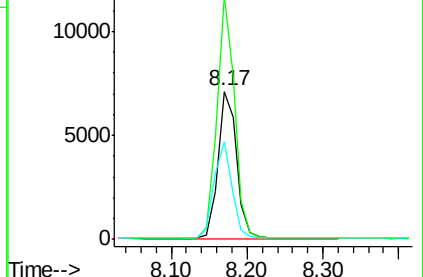
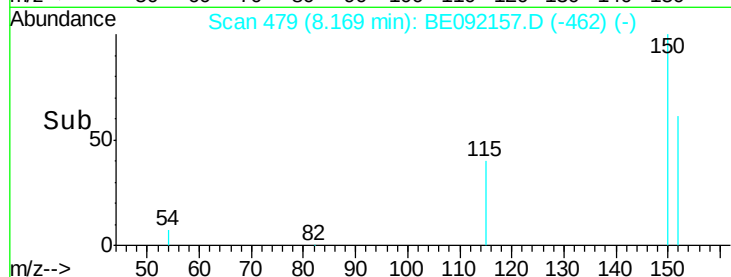
115 66.5 36.9 55.3#



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



#4

2-Fluorophenol

Concen: 74.29 ng

RT: 5.69 min Scan# 267

Delta R.T. 0.00 min

Lab File: BE092157.D

Acq: 3 Aug 2016 22:37

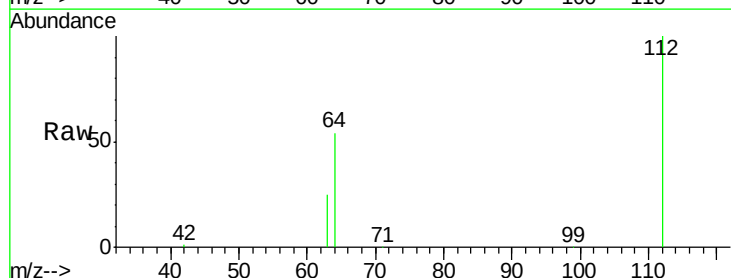
Tgt Ion:112 Resp: 230303

Ion Ratio Lower Upper

112 100

64 69.2 55.9 83.9

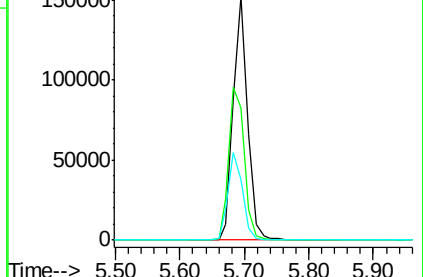
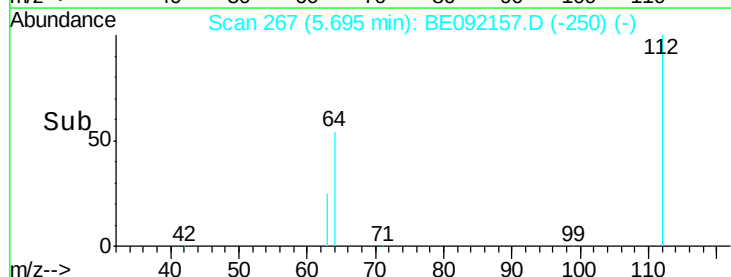
63 37.2 31.1 46.7

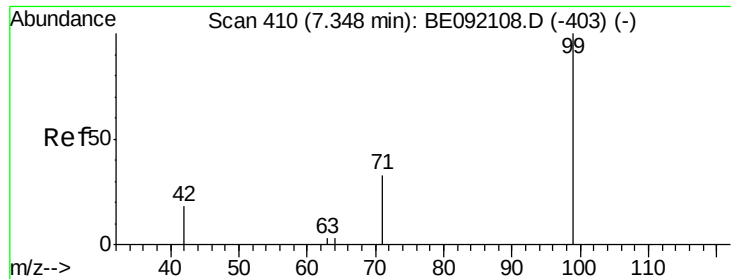


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 53.73 ng

RT: 7.34 min Scan# 409

Delta R.T. -0.01 min

Lab File: BE092157.D

Acq: 3 Aug 2016 22:37

Instrument :

BNA_E

ClientSampleId :

GW-36-6.5-15.0

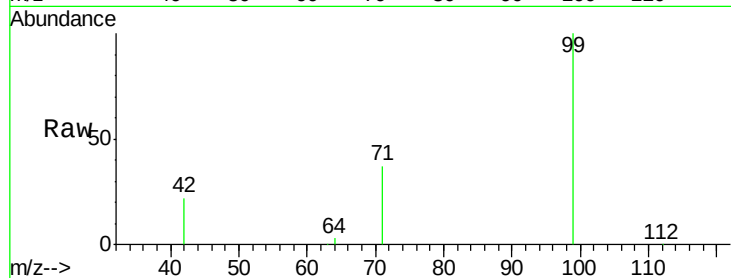
Tgt Ion: 99 Resp: 221907

Ion Ratio Lower Upper

99 100

42 25.0 22.4 33.6

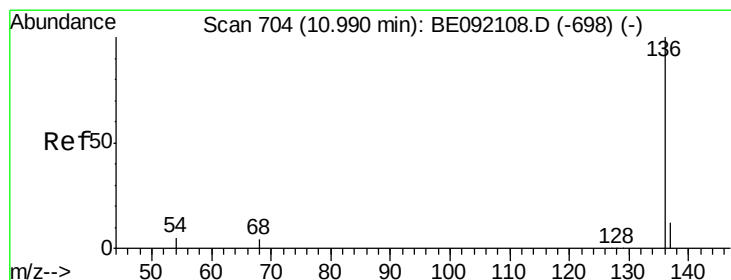
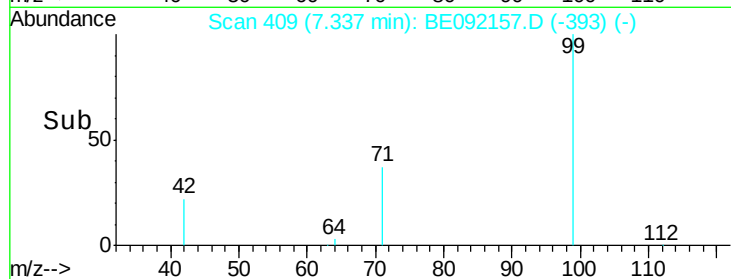
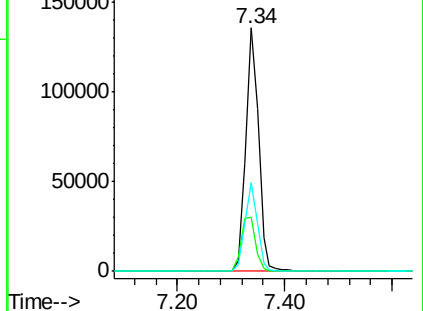
71 35.8 28.9 43.3



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. -0.01 min

Lab File: BE092157.D

Acq: 3 Aug 2016 22:37

Tgt Ion: 136 Resp: 52168

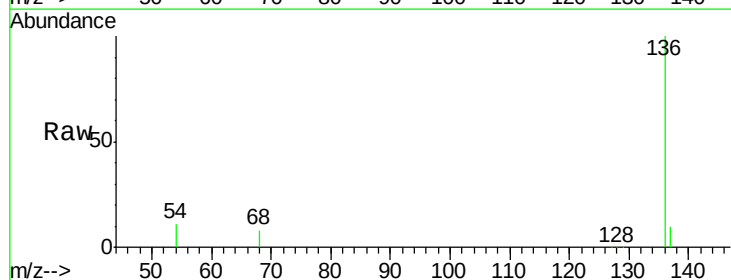
Ion Ratio Lower Upper

136 100

137 10.2 9.1 13.7

54 11.4 2.7 4.1#

68 7.9 2.2 3.4#

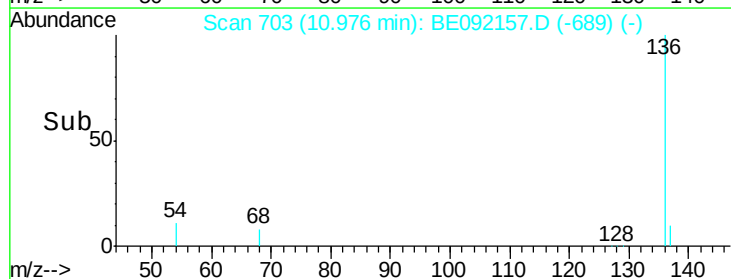
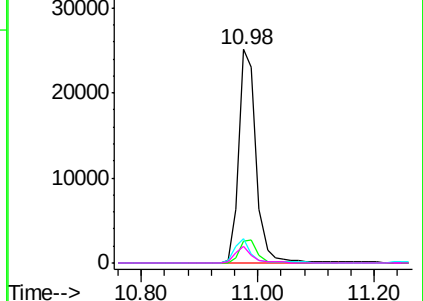


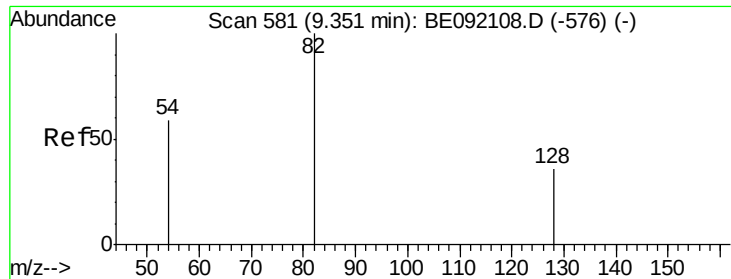
Abundance Ion 136.00 (135.70 to 136.70): E

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: 81.88 ng

RT: 9.34 min Scan# 580

Delta R.T. -0.01 min

Lab File: BE092157.D

Acq: 3 Aug 2016 22:37

Instrument :

BNA_E

ClientSampleId :

GW-36-6.5-15.0

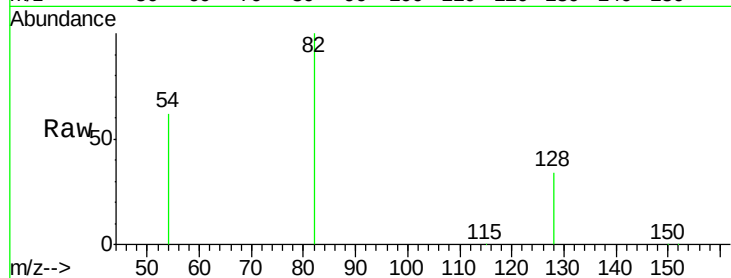
Tgt Ion: 82 Resp: 337039

Ion Ratio Lower Upper

82 100

128 34.5 33.0 49.4

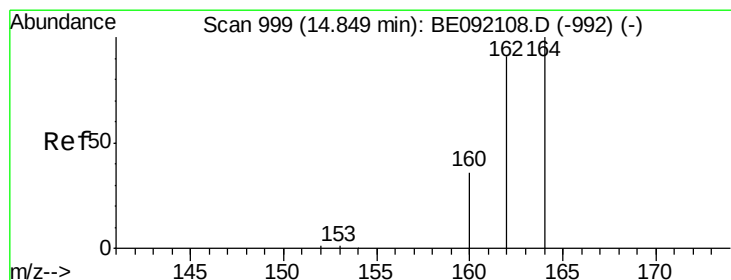
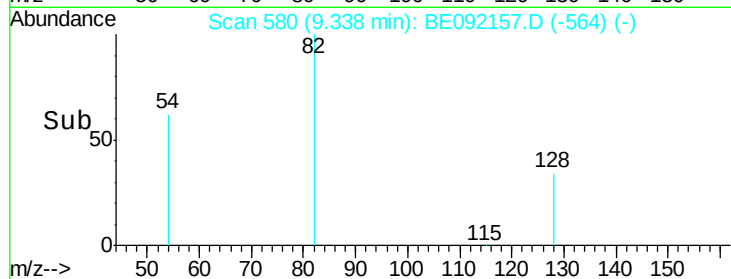
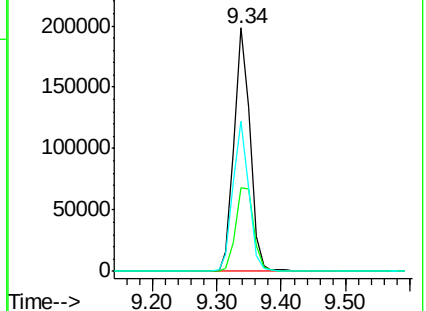
54 61.7 42.6 63.8



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



#10

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.83 min Scan# 998

Delta R.T. -0.02 min

Lab File: BE092157.D

Acq: 3 Aug 2016 22:37

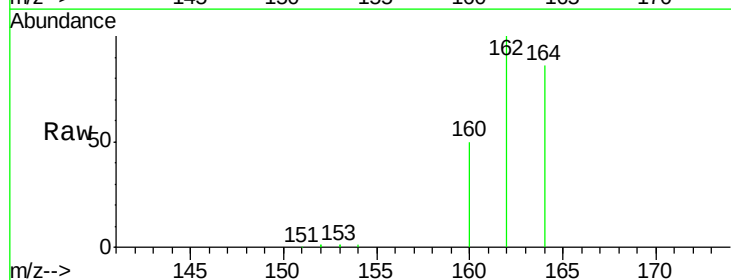
Tgt Ion: 164 Resp: 28182

Ion Ratio Lower Upper

164 100

162 116.9 69.5 104.3#

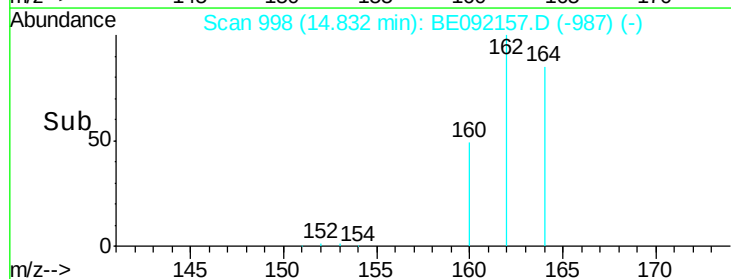
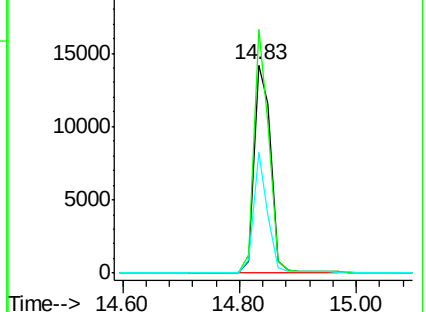
160 58.0 27.6 41.4#

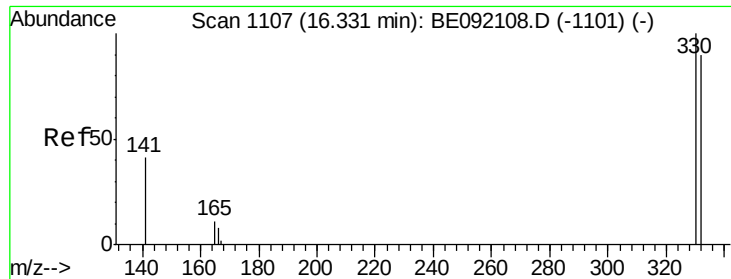


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

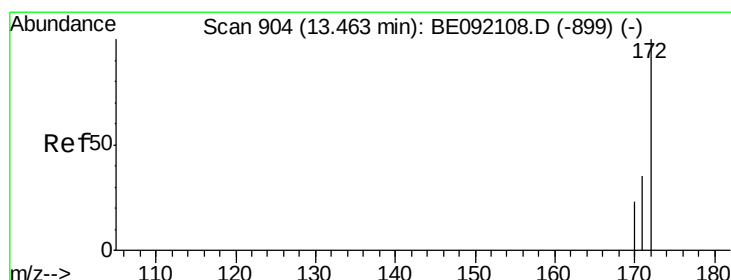
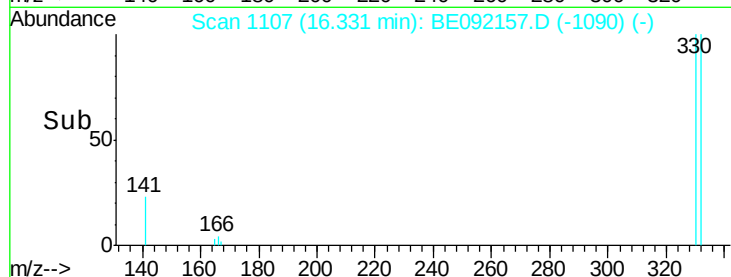
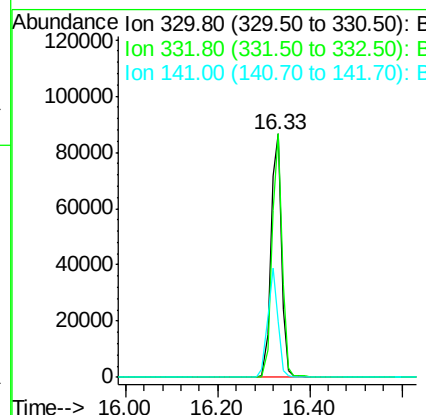
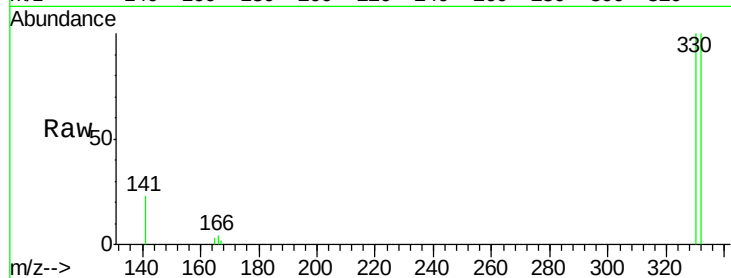




#11
 2,4,6-Tribromophenol
 Concen: 153.96 ng
 RT: 16.33 min Scan# 1107
 Delta R.T. 0.00 min
 Lab File: BE092157.D
 Acq: 3 Aug 2016 22:37

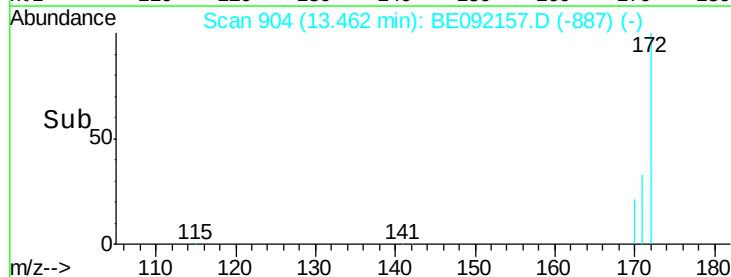
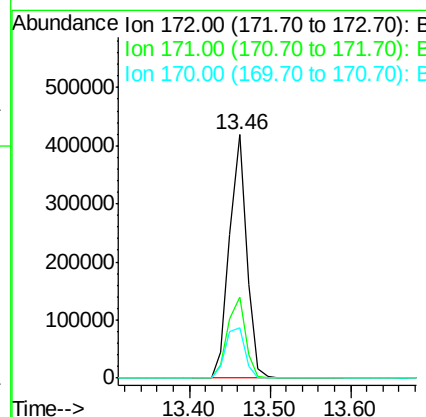
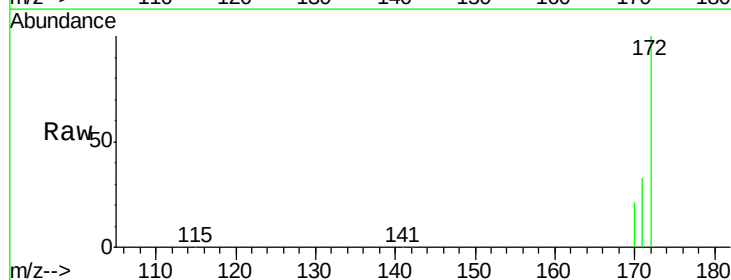
Instrument :
 BNA_E
 ClientSampleId :
 GW-36-6.5-15.0

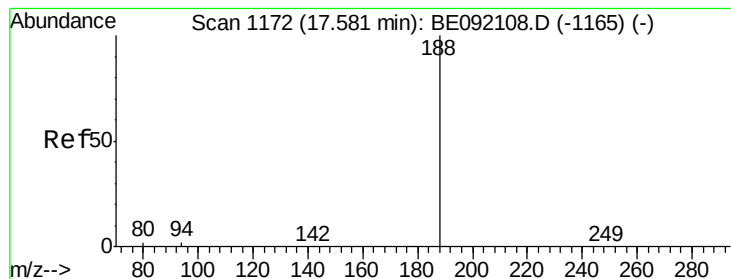
Tgt Ion:330 Resp: 140892
 Ion Ratio Lower Upper
 330 100
 332 95.8 74.2 111.4
 141 42.6 139.8 209.8#



#12
 2-Fluorobiphenyl
 Concen: 69.65 ng
 RT: 13.46 min Scan# 904
 Delta R.T. -0.00 min
 Lab File: BE092157.D
 Acq: 3 Aug 2016 22:37

Tgt Ion:172 Resp: 622022
 Ion Ratio Lower Upper
 172 100
 171 33.1 30.3 45.5
 170 20.6 21.6 32.4#





#16

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.56 min Scan# 1171

Delta R.T. -0.02 min

Lab File: BE092157.D

Acq: 3 Aug 2016 22:37

Instrument :

BNA_E

ClientSampleId :

GW-36-6.5-15.0

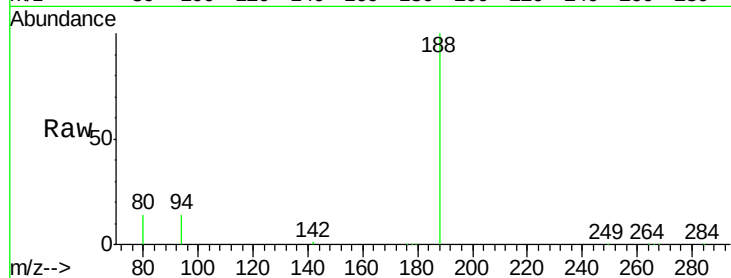
Tgt Ion:188 Resp: 65436

Ion Ratio Lower Upper

188 100

94 14.0 3.9 5.9#

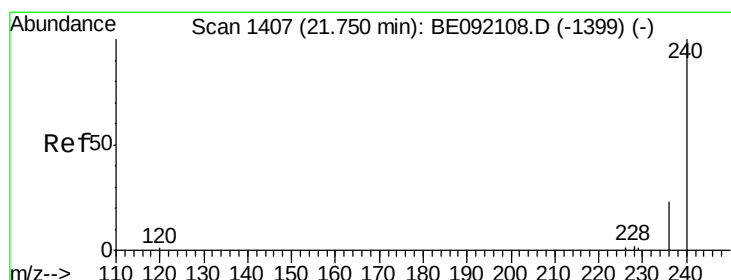
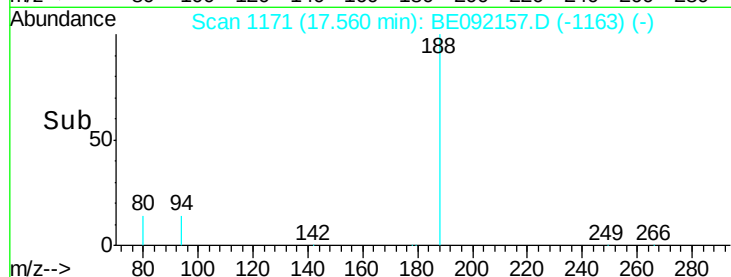
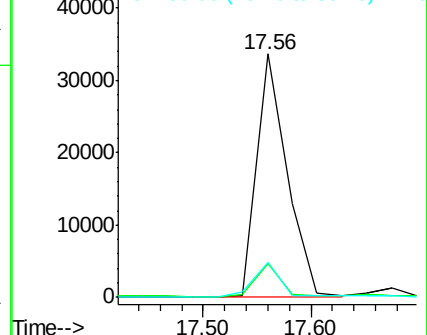
80 14.2 3.4 5.0#



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



#22

Chrysene-d12

Concen: 5.00 ng

RT: 21.73 min Scan# 1406

Delta R.T. -0.02 min

Lab File: BE092157.D

Acq: 3 Aug 2016 22:37

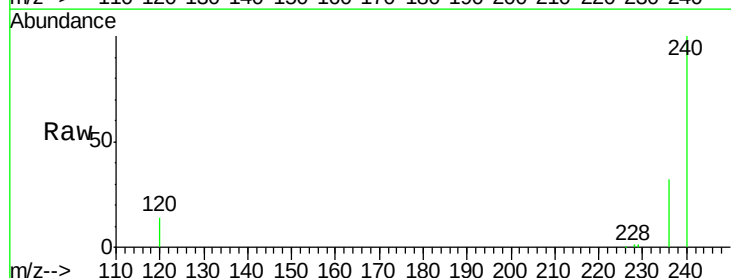
Tgt Ion:240 Resp: 82452

Ion Ratio Lower Upper

240 100

120 14.2 0.6 1.0#

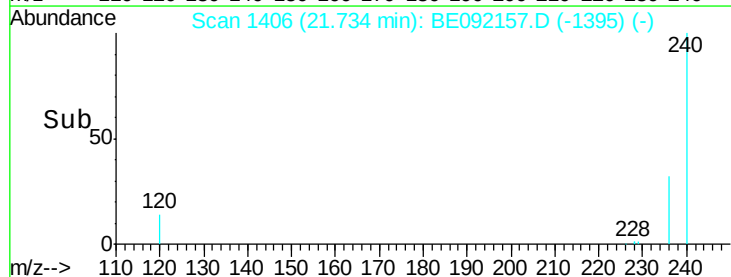
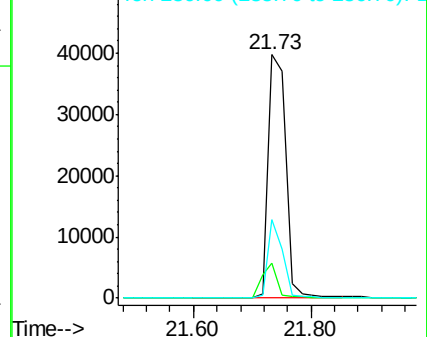
236 32.0 18.2 27.4#

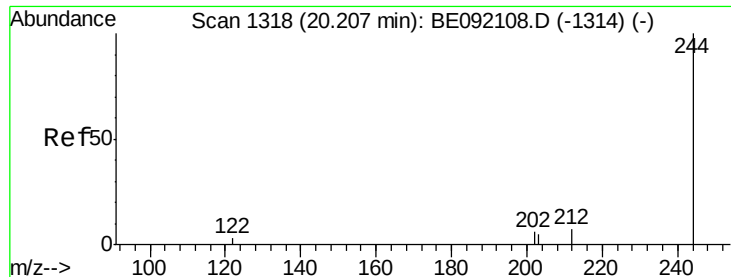


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

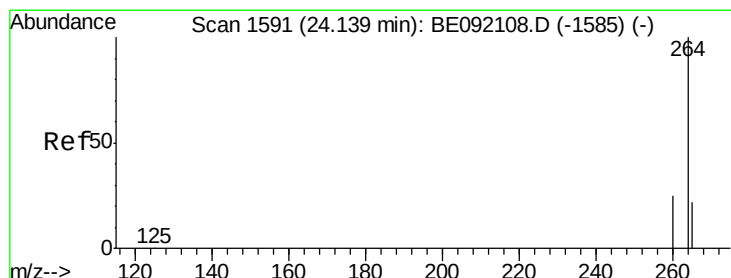
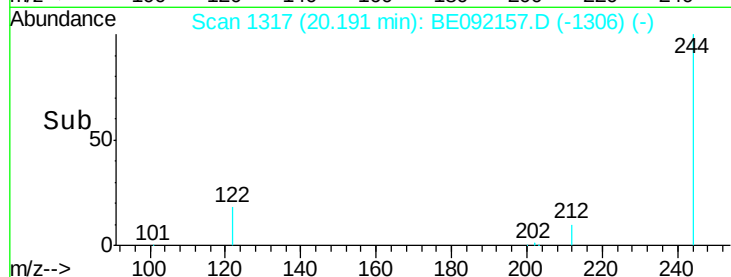
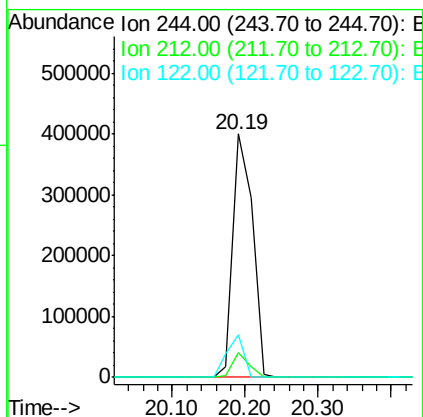
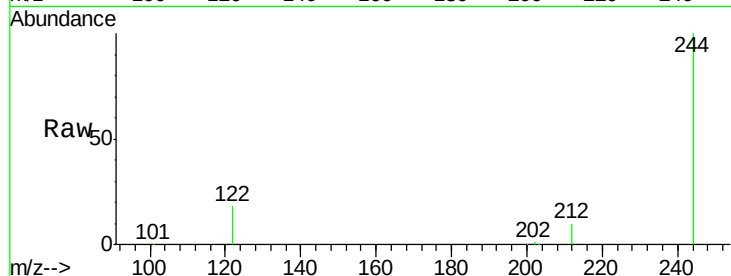




#24
 Terphenyl-d14
 Concen: 62.32 ng
 RT: 20.19 min Scan# 1317
 Delta R.T. -0.02 min
 Lab File: BE092157.D
 Acq: 3 Aug 2016 22:37

Instrument :
 BNA_E
 ClientSampleId :
 GW-36-6.5-15.0

Tgt Ion:244 Resp: 737990
 Ion Ratio Lower Upper
 244 100
 212 10.1 9.1 13.7
 122 17.6 11.0 16.4#



#28
 Perylene-d12
 Concen: 5.00 ng
 RT: 24.14 min Scan# 1591
 Delta R.T. 0.00 min
 Lab File: BE092157.D
 Acq: 3 Aug 2016 22:37

Tgt Ion:264 Resp: 82223
 Ion Ratio Lower Upper
 264 100
 260 24.2 20.8 31.2
 265 22.7 16.6 25.0

