

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080316\
 Data File : BE092152.D
 Acq On : 3 Aug 2016 19:29
 Operator : UM/SJ
 Sample : H4176-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 GW-28-6.3-15.0

Quant Time: Aug 04 05:42:44 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	11446	5.00	ng	0.00
6) Naphthalene-d8	10.98	136	50072	5.00	ng	-0.01
10) Acenaphthene-d10	14.85	164	26166	5.00	ng	0.00
16) Phenanthrene-d10	17.56	188	57887	5.00	ng	-0.02
22) Chrysene-d12	21.75	240	74585	5.00	ng	0.00
28) Perylene-d12	24.14	264	77591	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.69	112	209167	71.16	ng	0.00
5) Phenol-d6	7.34	99	196643	50.21	ng	-0.01
7) Nitrobenzene-d5	9.34	82	335699	84.97	ng	-0.01
11) 2,4,6-Tribromophenol	16.33	330	122042	143.64	ng	0.00
12) 2-Fluorobiphenyl	13.46	172	609685	73.53	ng	0.00
24) Terphenyl-d14	20.19	244	763738	71.30	ng	-0.02

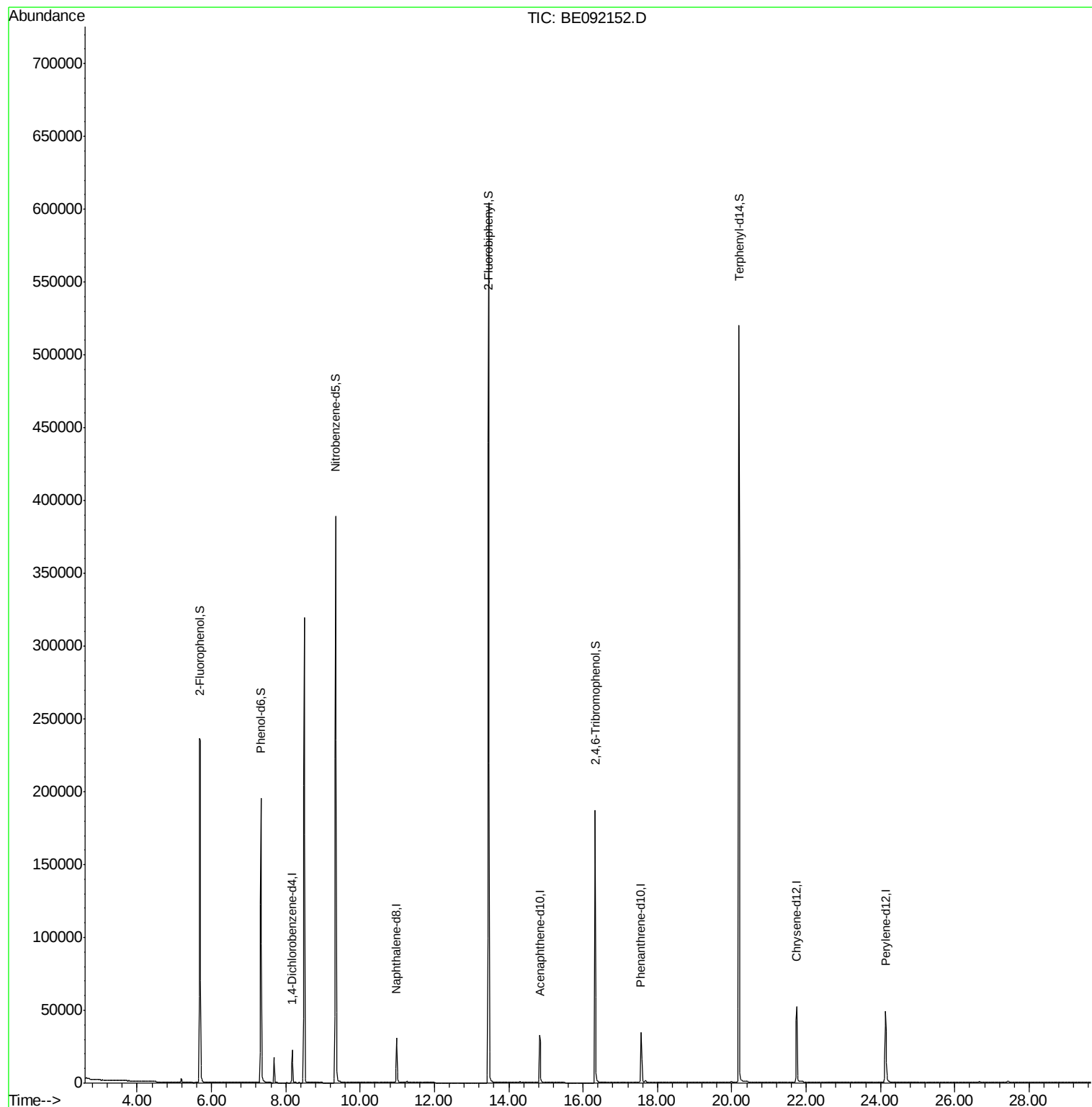
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE092152.D

Acq: 3 Aug 2016 19:29

Instrument :

BNA_E

ClientSampleId :

GW-28-6.3-15.0

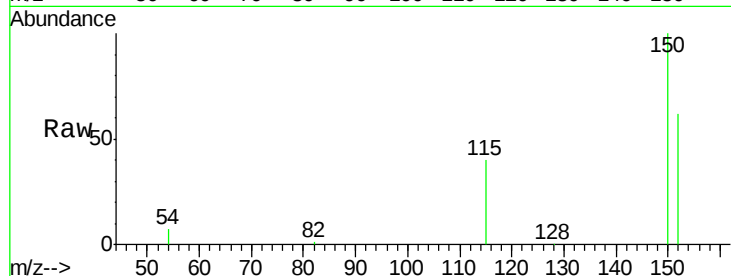
Tgt Ion:152 Resp: 11446

Ion Ratio Lower Upper

152 100

150 161.0 106.0 159.0#

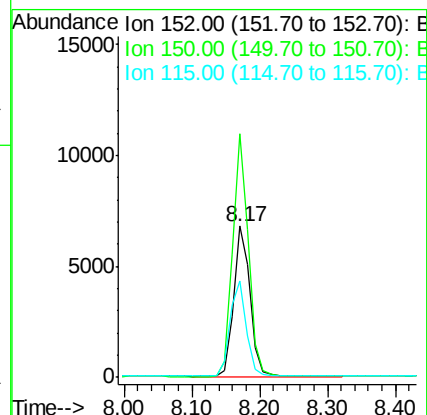
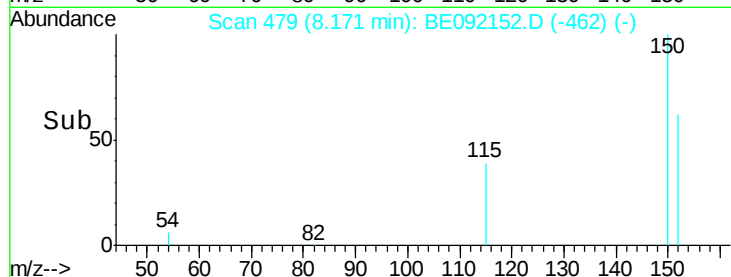
115 63.9 36.9 55.3#



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



#4

2-Fluorophenol

Concen: 71.16 ng

RT: 5.69 min Scan# 267

Delta R.T. -0.00 min

Lab File: BE092152.D

Acq: 3 Aug 2016 19:29

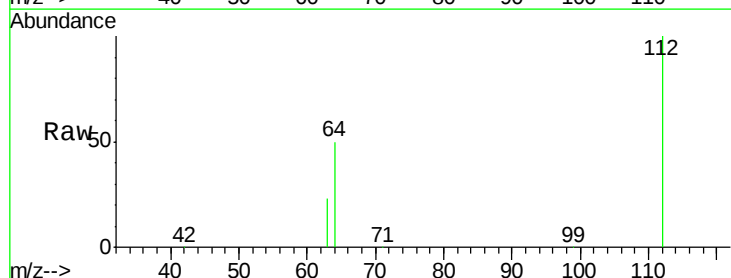
Tgt Ion:112 Resp: 209167

Ion Ratio Lower Upper

112 100

64 68.9 55.9 83.9

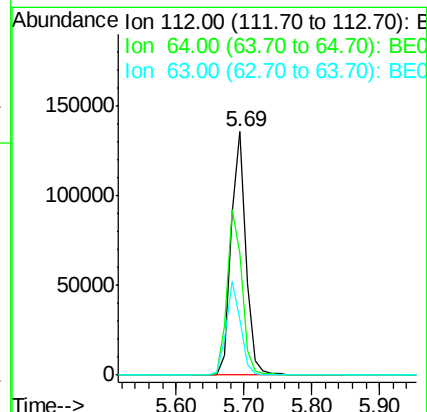
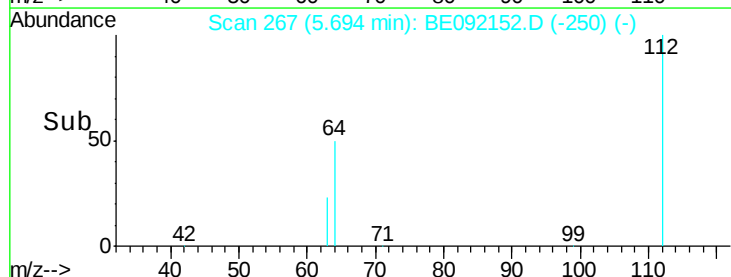
63 37.5 31.1 46.7



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: 50.21 ng

RT: 7.34 min Scan# 409

Delta R.T. -0.01 min

Lab File: BE092152.D

Acq: 3 Aug 2016 19:29

Instrument :

BNA_E

ClientSampleId :

GW-28-6.3-15.0

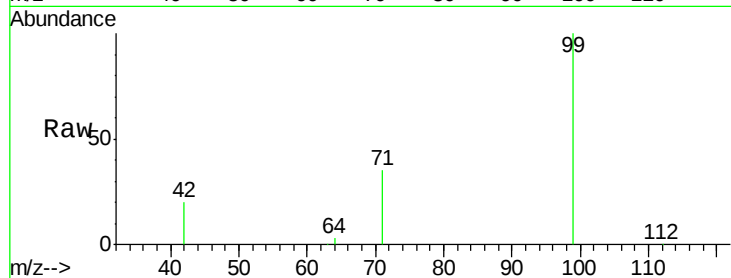
Tgt Ion: 99 Resp: 196643

Ion Ratio Lower Upper

99 100

42 25.2 22.4 33.6

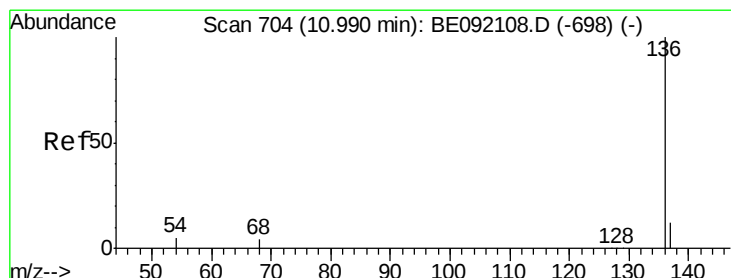
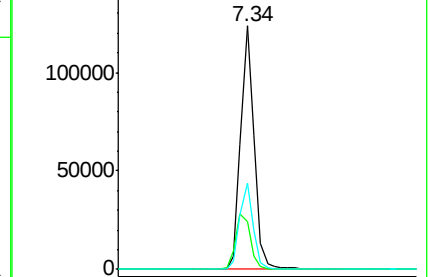
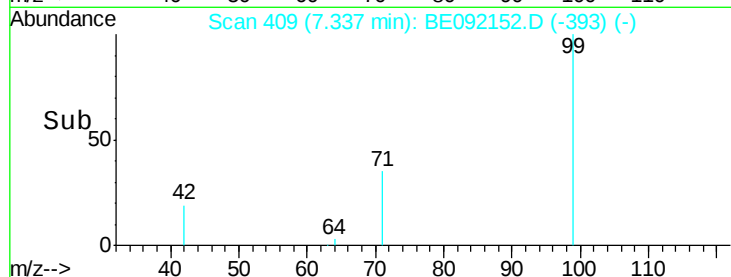
71 35.7 28.9 43.3



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: BE092152.D

Acq: 3 Aug 2016 19:29

Tgt Ion: 136 Resp: 50072

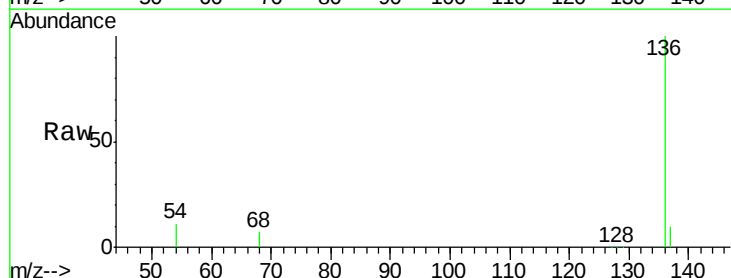
Ion Ratio Lower Upper

136 100

137 10.4 9.1 13.7

54 10.9 2.7 4.1#

68 7.4 2.2 3.4#

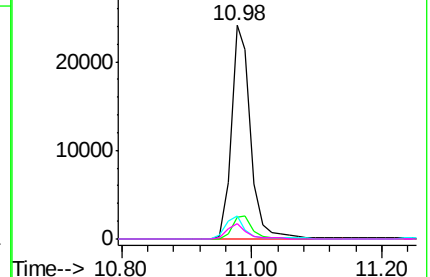
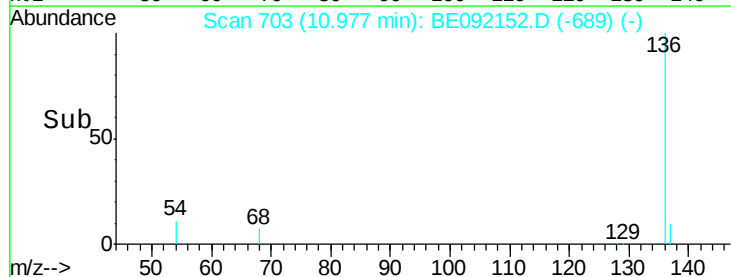


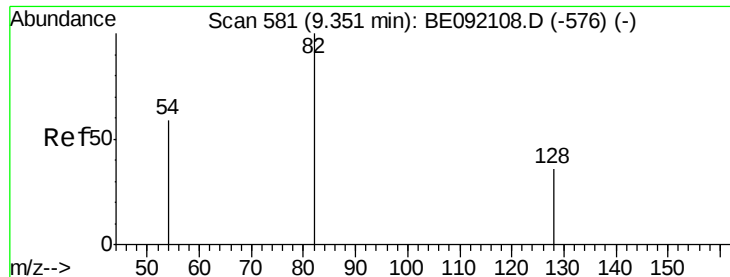
Abundance Ion 136.00 (135.70 to 136.70): BE092108.D (-698) (-)

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: 84.97 ng

RT: 9.34 min Scan# 580

Delta R.T. -0.01 min

Lab File: BE092152.D

Acq: 3 Aug 2016 19:29

Instrument :

BNA_E

ClientSampleId :

GW-28-6.3-15.0

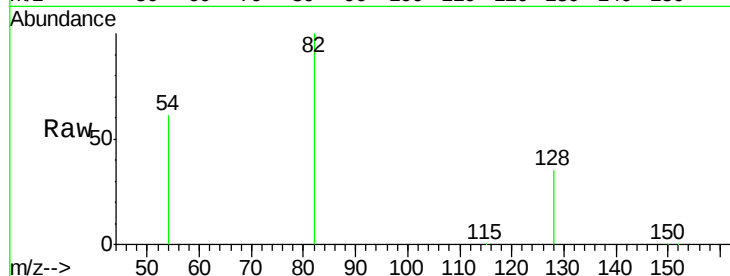
Tgt Ion: 82 Resp: 335699

Ion Ratio Lower Upper

82 100

128 35.5 33.0 49.4

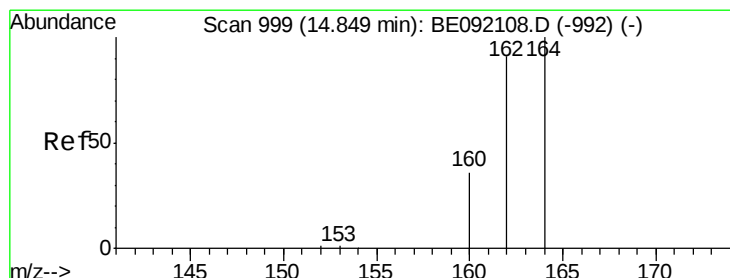
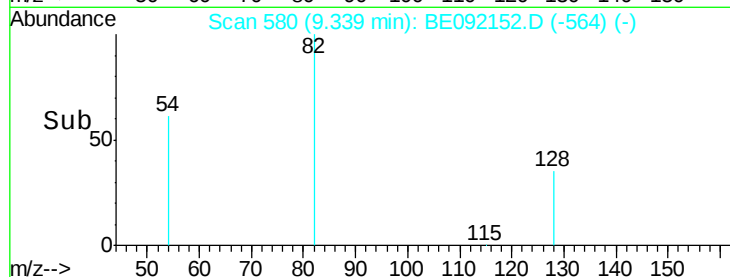
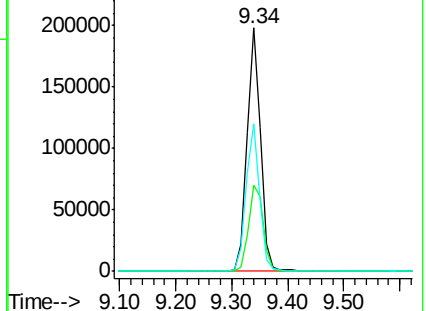
54 60.8 42.6 63.8



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: 14.85 min Scan# 999

Delta R.T. -0.00 min

Lab File: BE092152.D

Acq: 3 Aug 2016 19:29

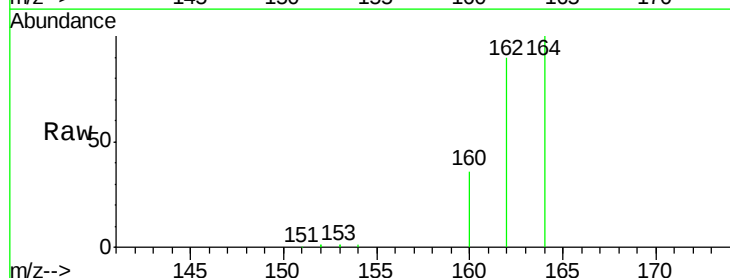
Tgt Ion: 164 Resp: 26166

Ion Ratio Lower Upper

164 100

162 89.9 69.5 104.3

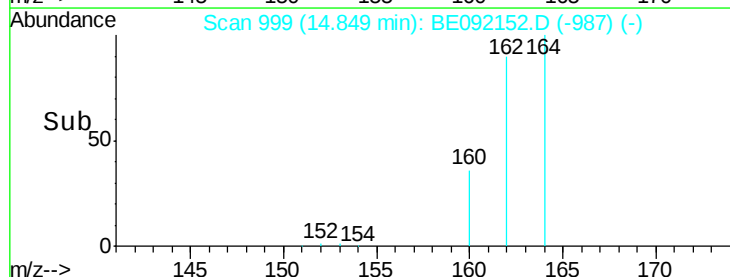
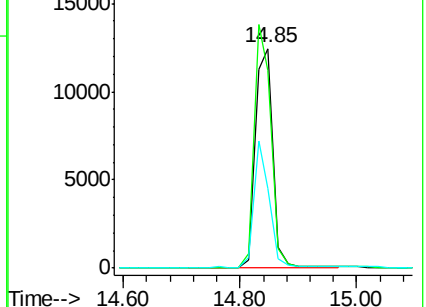
160 36.1 27.6 41.4



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

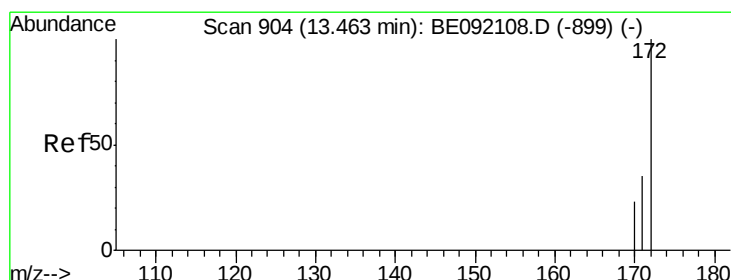
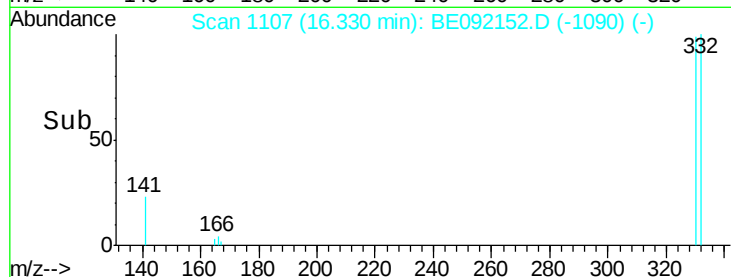
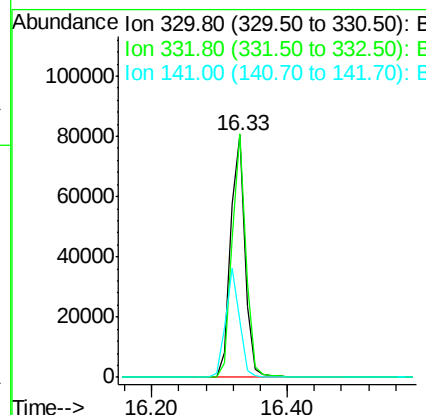
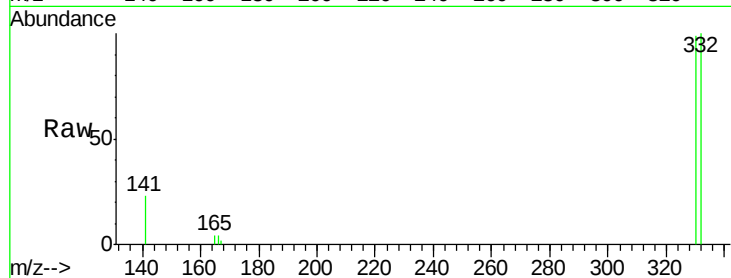




#11
 2,4,6-Tribromophenol
 Concen: 143.64 ng
 RT: 16.33 min Scan# 1107
 Delta R.T. -0.00 min
 Lab File: BE092152.D
 Acq: 3 Aug 2016 19:29

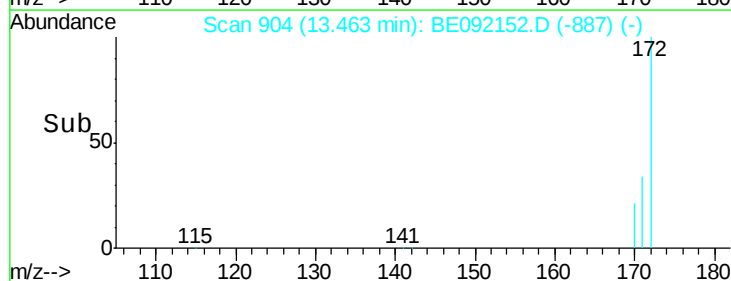
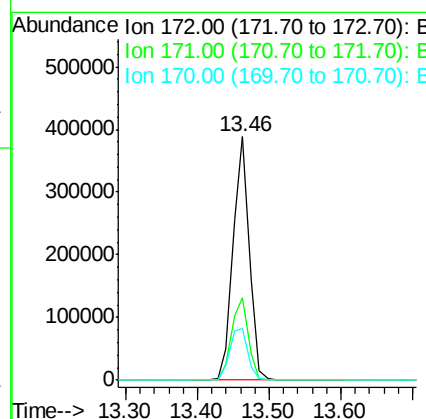
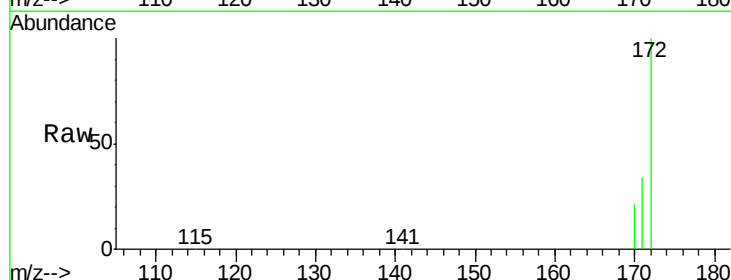
Instrument :
 BNA_E
 ClientSampleId :
 GW-28-6.3-15.0

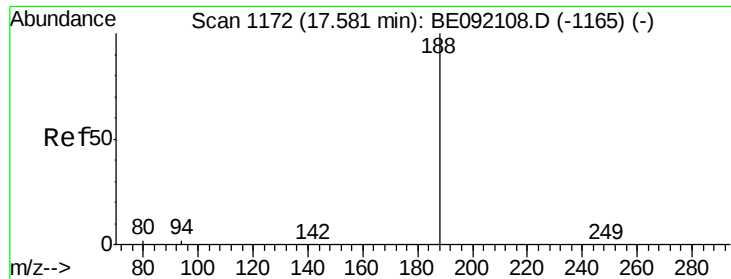
Tgt Ion: 330 Resp: 122042
 Ion Ratio Lower Upper
 330 100
 332 96.4 74.2 111.4
 141 43.6 139.8 209.8#



#12
 2-Fluorobiphenyl
 Concen: 73.53 ng
 RT: 13.46 min Scan# 904
 Delta R.T. -0.00 min
 Lab File: BE092152.D
 Acq: 3 Aug 2016 19:29

Tgt Ion: 172 Resp: 609685
 Ion Ratio Lower Upper
 172 100
 171 33.8 30.3 45.5
 170 21.4 21.6 32.4#

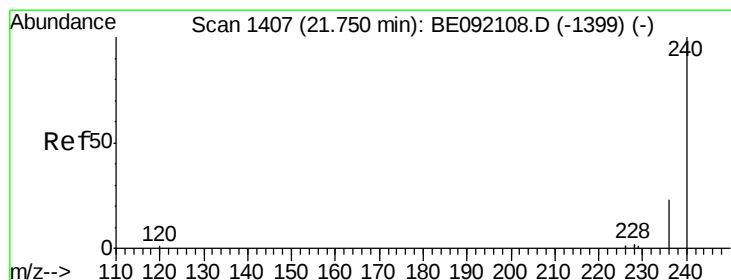
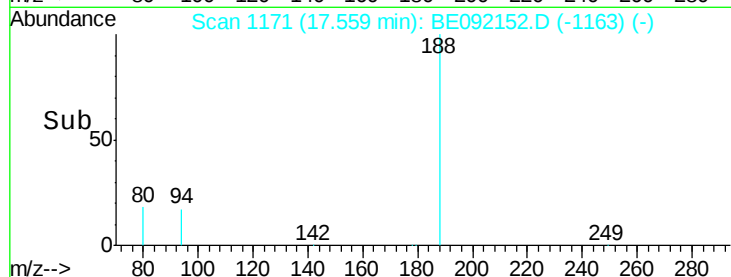
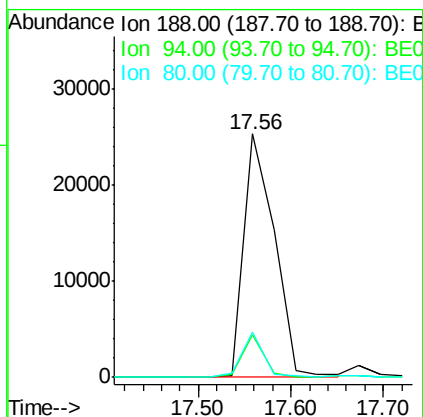
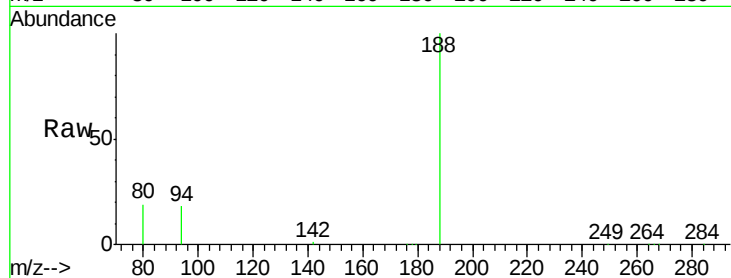




#16
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.56 min Scan# 1171
Delta R.T. -0.02 min
Lab File: BE092152.D
Acq: 3 Aug 2016 19:29

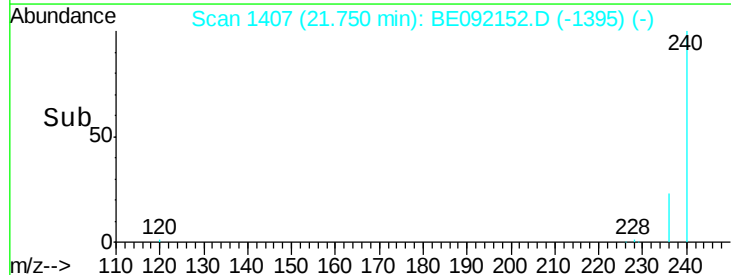
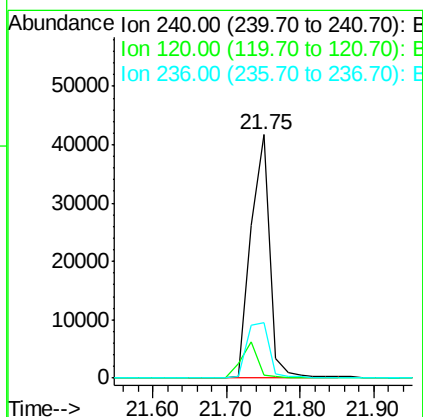
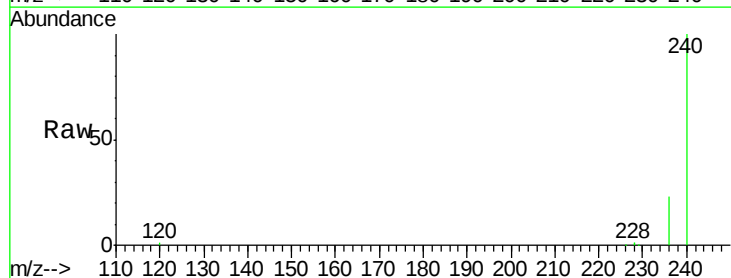
Instrument :
BNA_E
ClientSampleId :
GW-28-6.3-15.0

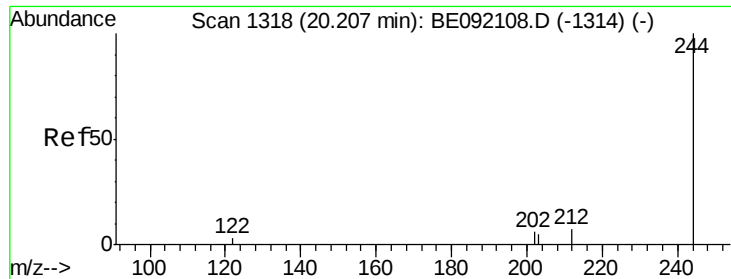
Tgt Ion:188 Resp: 57887
Ion Ratio Lower Upper
188 100
94 17.6 3.9 5.9#
80 18.6 3.4 5.0#



#22
Chrysene-d12
Concen: 5.00 ng
RT: 21.75 min Scan# 1407
Delta R.T. -0.00 min
Lab File: BE092152.D
Acq: 3 Aug 2016 19:29

Tgt Ion:240 Resp: 74585
Ion Ratio Lower Upper
240 100
120 1.5 0.6 1.0#
236 22.7 18.2 27.4

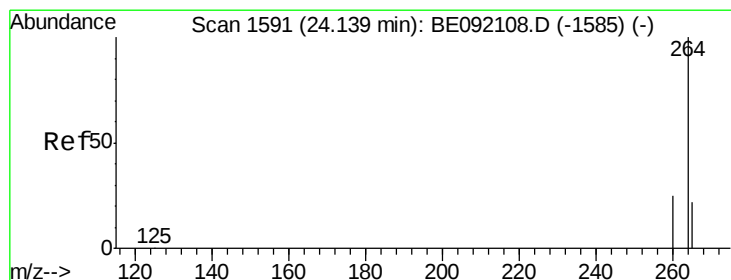
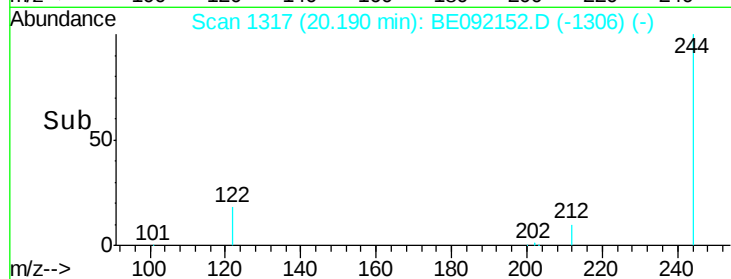
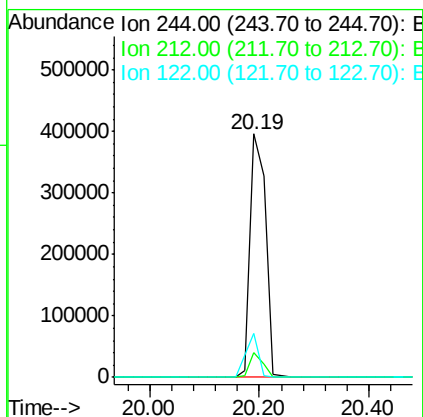
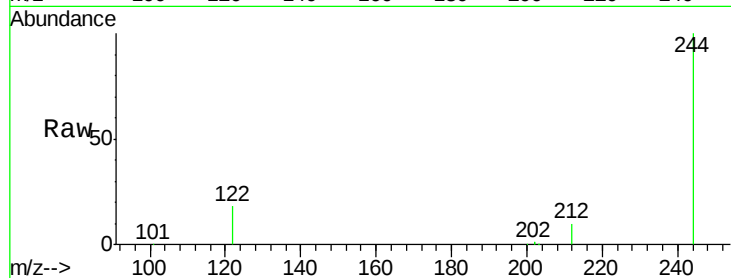




#24
 Terphenyl-d14
 Concen: 71.30 ng
 RT: 20.19 min Scan# 1317
 Delta R.T. -0.02 min
 Lab File: BE092152.D
 Acq: 3 Aug 2016 19:29

Instrument :
 BNA_E
 ClientSampleId :
 GW-28-6.3-15.0

Tgt Ion:244 Resp: 763738
 Ion Ratio Lower Upper
 244 100
 212 10.2 9.1 13.7
 122 17.9 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: BE092152.D
 Acq: 3 Aug 2016 19:29

Tgt Ion:264 Resp: 77591
 Ion Ratio Lower Upper
 264 100
 260 25.1 20.8 31.2
 265 22.0 16.6 25.0

