

Data Path : Z:\HPCHEM1\BNA E\DATA\BE080216\
 Data File : BE092145.D
 Acq On : 3 Aug 2016 13:01
 Operator : UM/SJ
 Sample : H4176-04
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 GW-27-7.8-15.0

Quant Time: Aug 03 13:58:02 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	12384	5.00	ng	0.00
6) Naphthalene-d8	10.99	136	54842	5.00	ng	0.00
10) Acenaphthene-d10	14.85	164	29841	5.00	ng	0.00
16) Phenanthrene-d10	17.58	188	63975	5.00	ng	0.00
22) Chrysene-d12	21.75	240	81292	5.00	ng	0.00
28) Perylene-d12	24.14	264	82117	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.70	112	235506	74.05	ng	0.00
5) Phenol-d6	7.34	99	225088	53.12	ng	-0.01
7) Nitrobenzene-d5	9.34	82	356694	82.43	ng	-0.01
11) 2,4,6-Tribromophenol	16.33	330	141390	145.92	ng	0.00
12) 2-Fluorobiphenyl	13.46	172	652418	68.99	ng	0.00
24) Terphenyl-d14	20.21	244	790034	67.67	ng	0.00

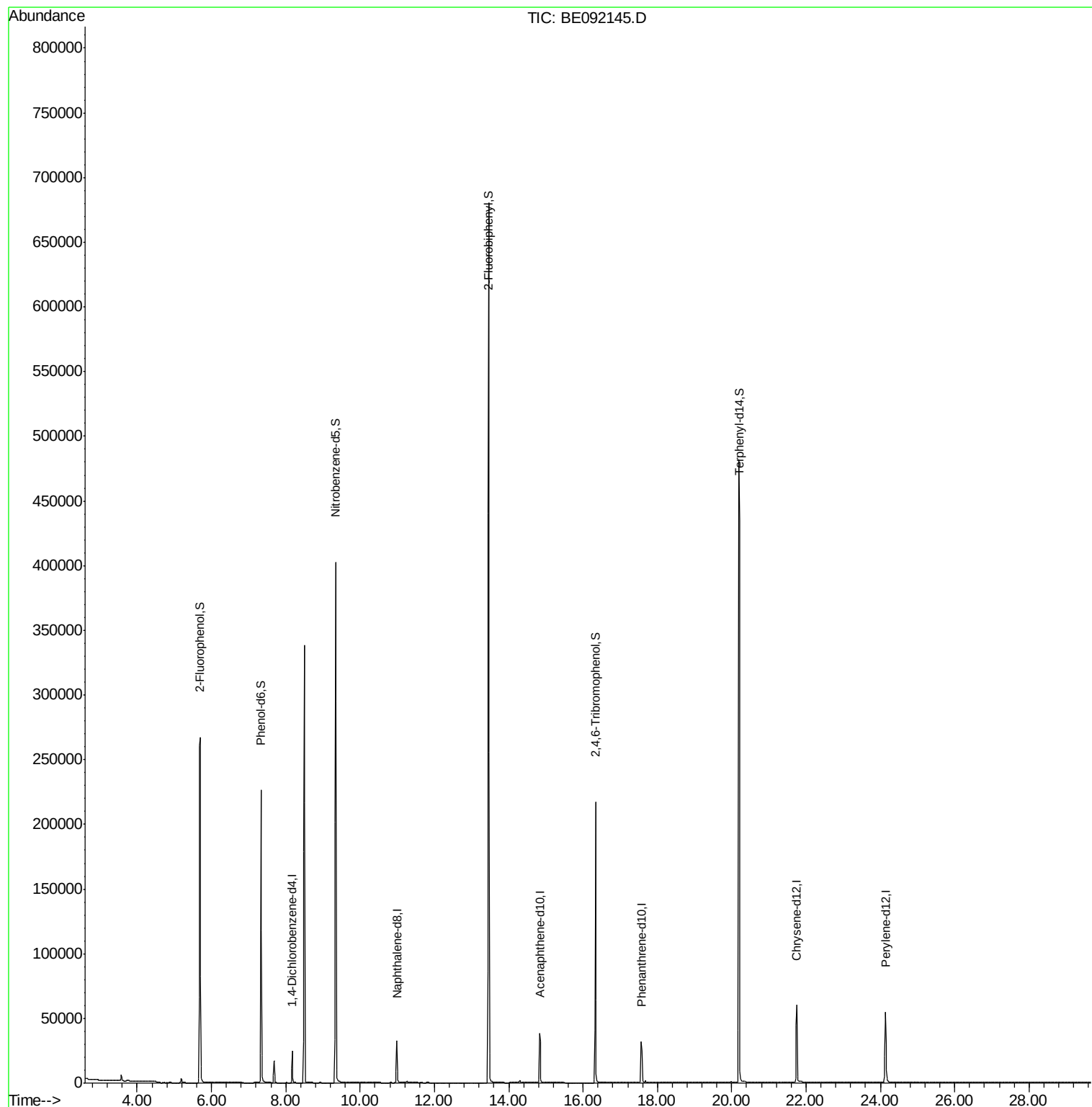
Target Compounds Qvalue

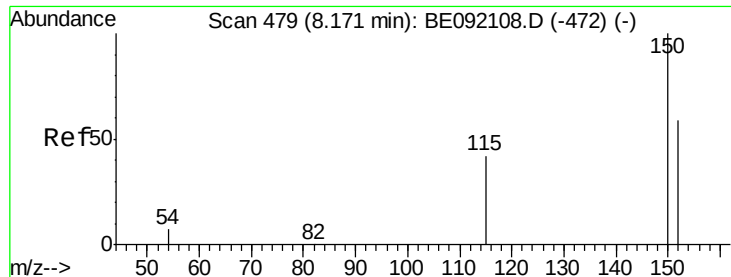
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE080216\
Data File : BE092145.D
Acq On : 3 Aug 2016 13:01
Operator : UM/SJ
Sample : H4176-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
GW-27-7.8-15.0

Quant Time: Aug 03 13:58:02 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: BE092145.D

Acq: 3 Aug 2016 13:01

Instrument :

BNA_E

ClientSampleId :

GW-27-7.8-15.0

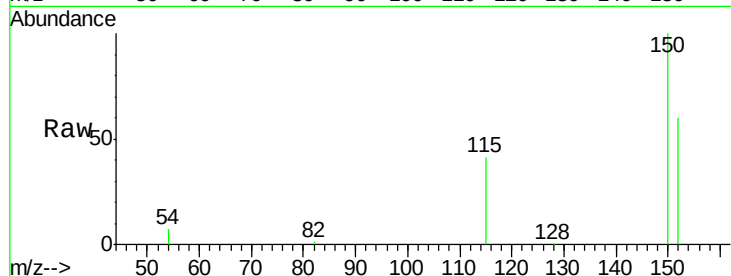
Tot Ion:152 Resp: 12384

Ion Ratio Lower Upper

152 100

150 166.1 106.0 159.0#

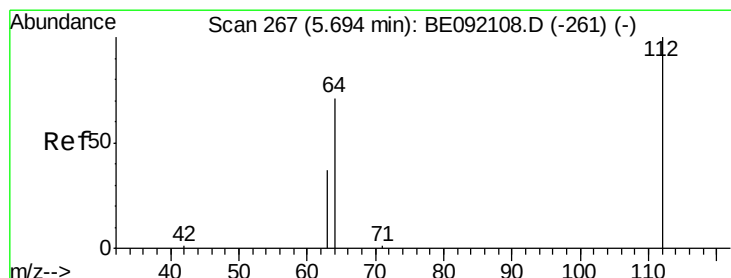
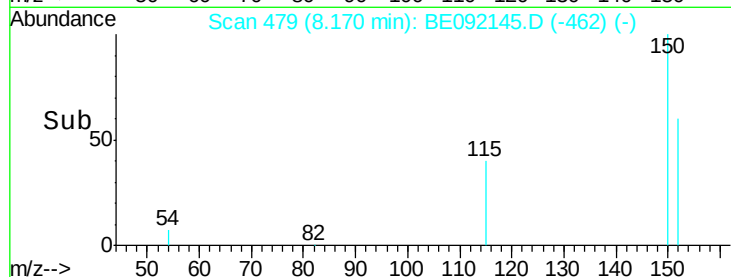
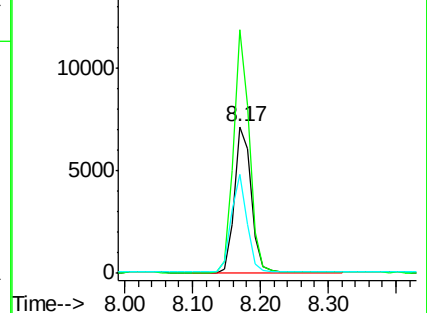
115 67.6 36.9 55.3#



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: 74.05 ng

RT: 5.70 min Scan# 267

Delta R.T. 0.00 min

Lab File: BE092145.D

Acq: 3 Aug 2016 13:01

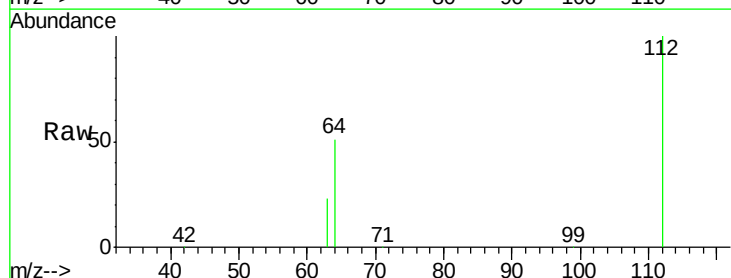
Tgt Ion:112 Resp: 235506

Ion Ratio Lower Upper

112 100

64 68.6 55.9 83.9

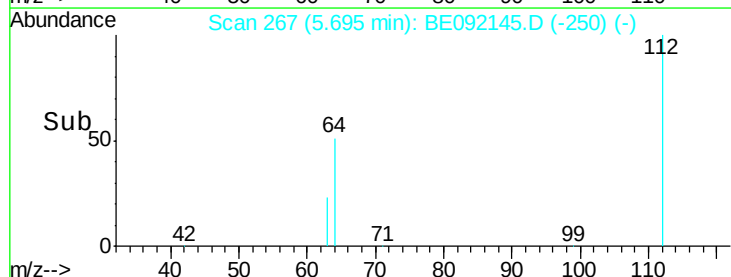
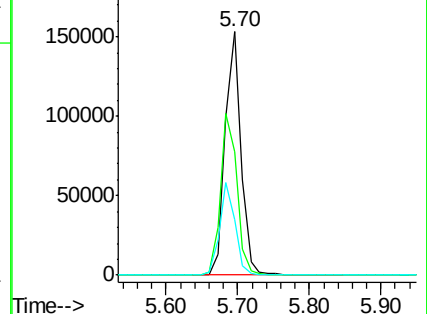
63 37.1 31.1 46.7

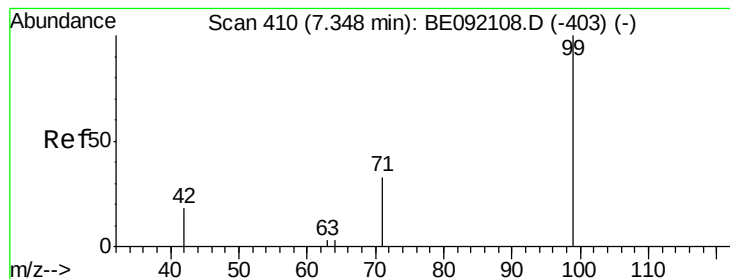


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 53.12 ng

RT: 7.34 min Scan# 409

Delta R.T. -0.01 min

Lab File: BE092145.D

Acq: 3 Aug 2016 13:01

Instrument :

BNA_E

ClientSampleId :

GW-27-7.8-15.0

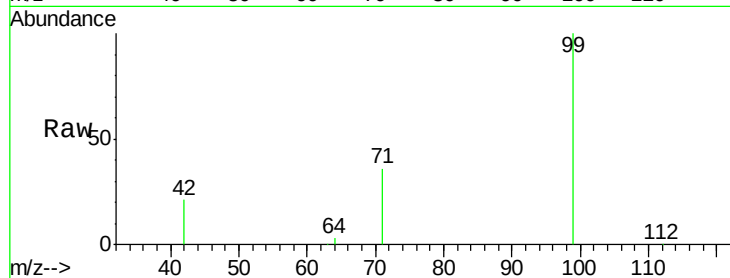
Tot Ion: 99 Resp: 225088

Ion Ratio Lower Upper

99 100

42 25.0 22.4 33.6

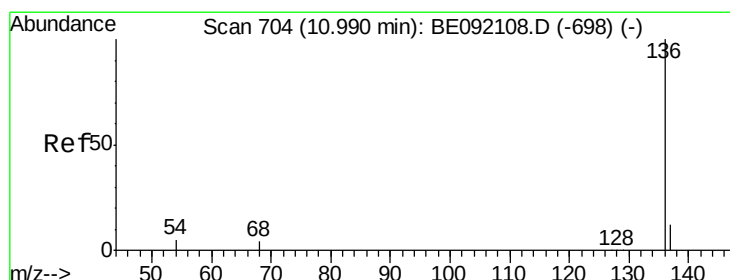
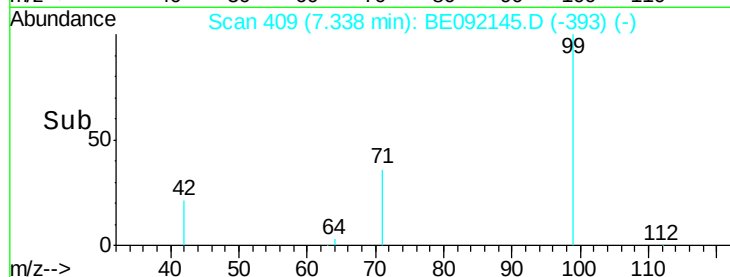
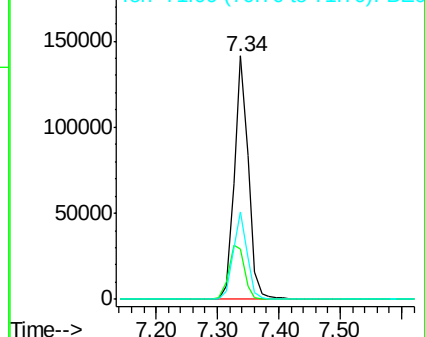
71 35.8 28.9 43.3



Abundance Ion 99.00 (98.70 to 99.70): 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: 10.99 min Scan# 704

Delta R.T. -0.00 min

Lab File: BE092145.D

Acq: 3 Aug 2016 13:01

Tgt Ion: 136 Resp: 54842

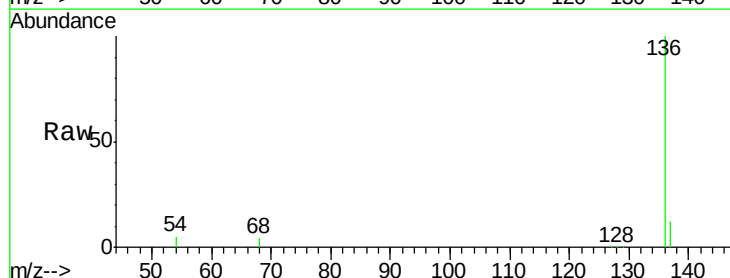
Ion Ratio Lower Upper

136 100

137 11.7 9.1 13.7

54 5.0 2.7 4.1#

68 4.0 2.2 3.4#

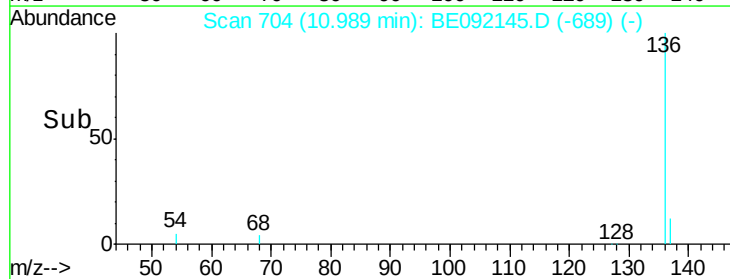
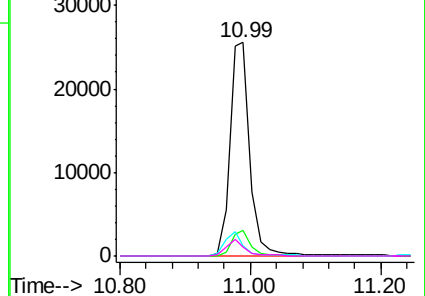


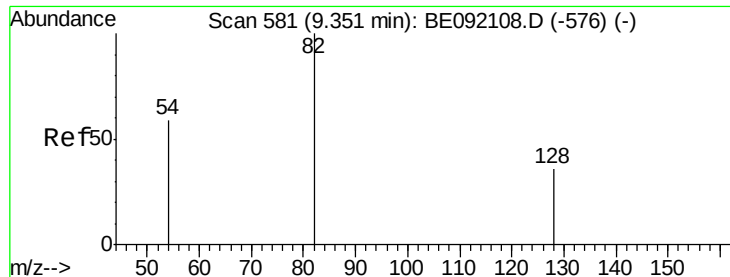
Abundance Ion 136.00 (135.70 to 136.70): BE092108.D (-698) (-)

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: 82.43 ng

RT: 9.34 min Scan# 580

Delta R.T. -0.01 min

Lab File: BE092145.D

Acq: 3 Aug 2016 13:01

Instrument :

BNA_E

ClientSampleId :

GW-27-7.8-15.0

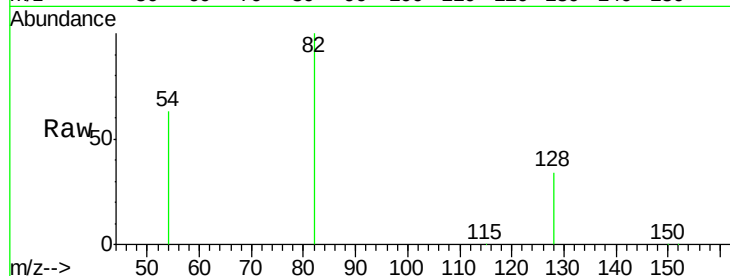
Tot Ion: 82 Resp: 356694

Ion Ratio Lower Upper

82 100

128 33.7 33.0 49.4

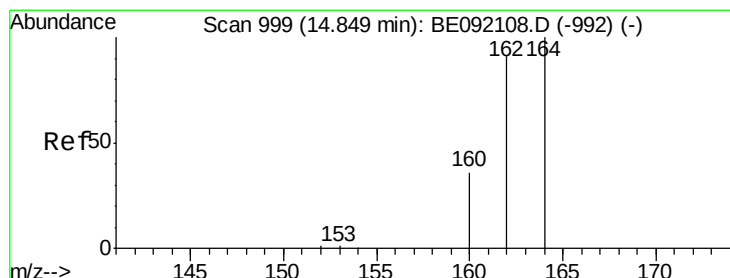
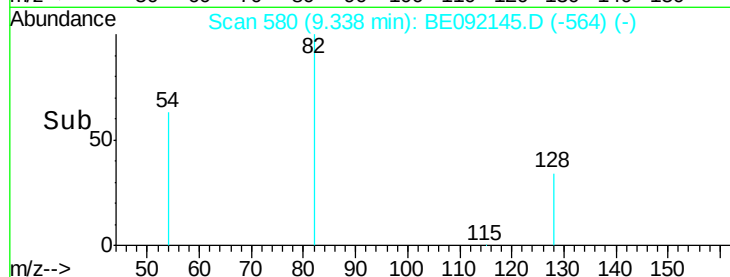
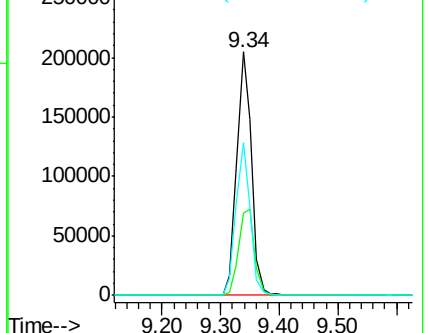
54 62.9 42.6 63.8



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: BE092145.D

Acq: 3 Aug 2016 13:01

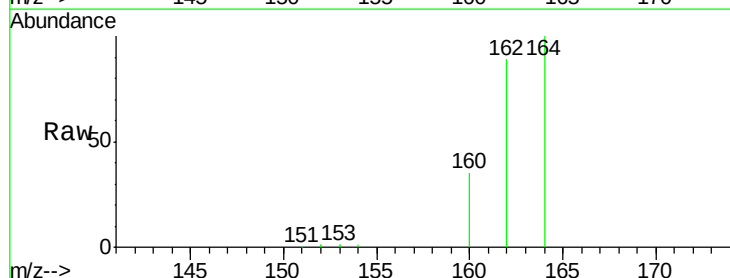
Tgt Ion: 164 Resp: 29841

Ion Ratio Lower Upper

164 100

162 89.5 69.5 104.3

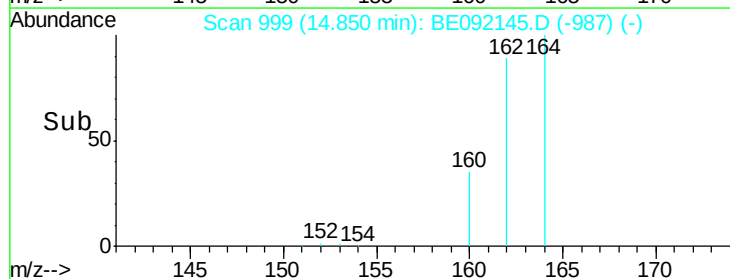
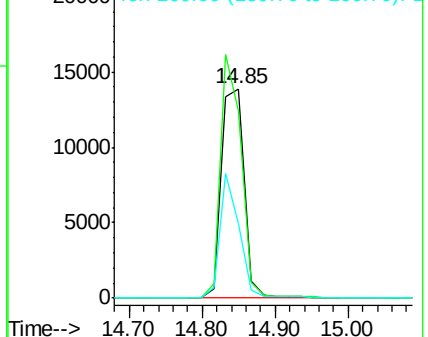
160 35.4 27.6 41.4

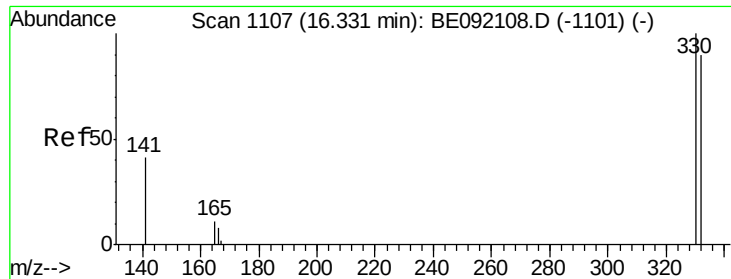


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

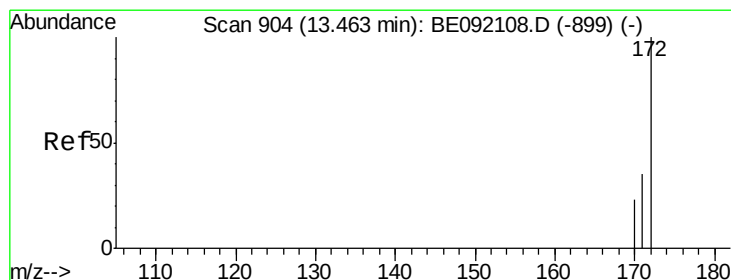
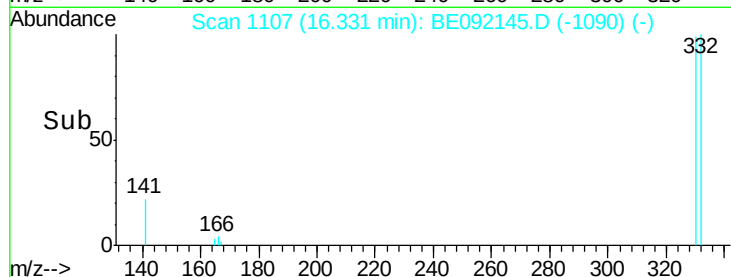
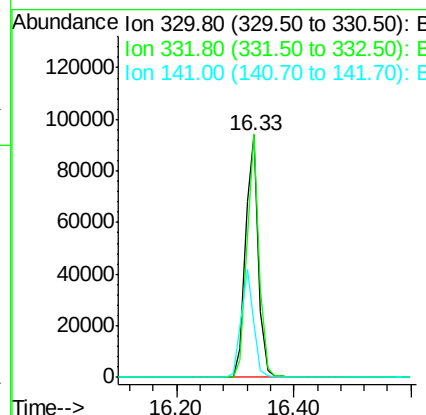
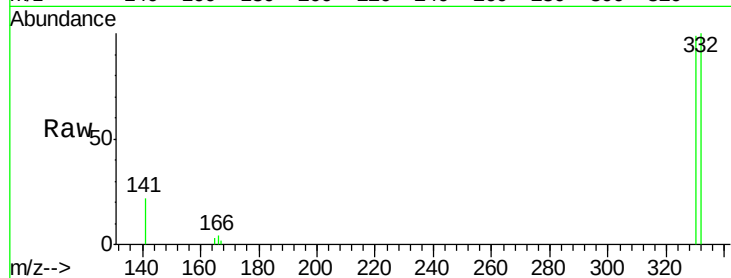




#11
 2,4,6-Tribromophenol
 Concen: 145.92 ng
 RT: 16.33 min Scan# 1107
 Delta R.T. 0.00 min
 Lab File: BE092145.D
 Acq: 3 Aug 2016 13:01

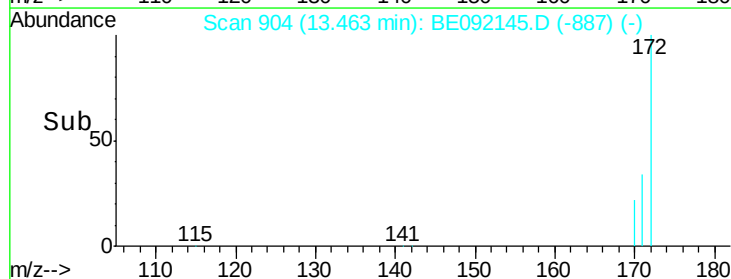
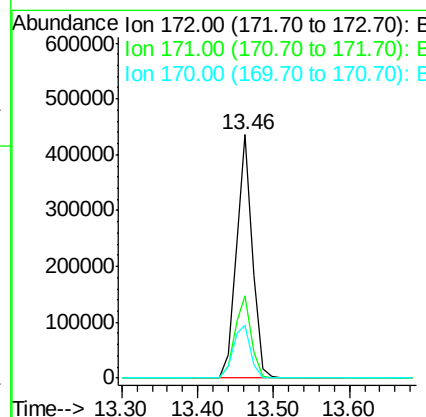
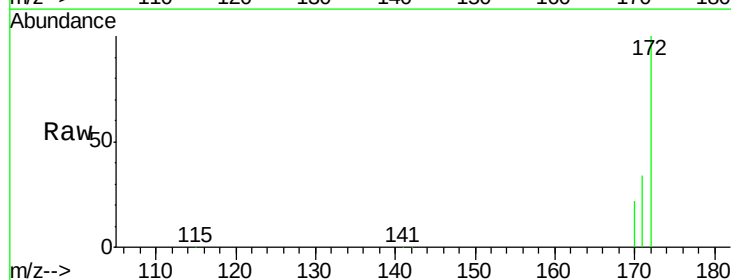
Instrument :
 BNA_E
 ClientSampleId :
 GW-27-7.8-15.0

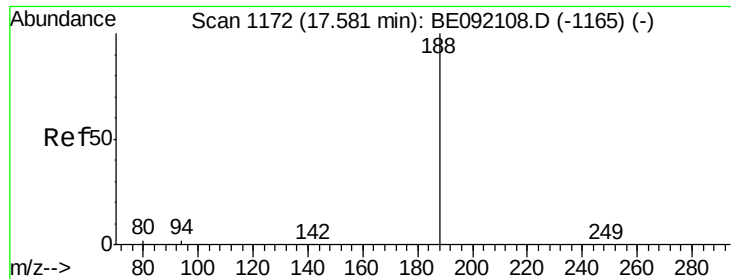
Tot Ion:330 Resp: 141390
 Ion Ratio Lower Upper
 330 100
 332 96.5 74.2 111.4
 141 43.0 139.8 209.8#



#12
 2-Fluorobiphenyl
 Concen: 68.99 ng
 RT: 13.46 min Scan# 904
 Delta R.T. -0.00 min
 Lab File: BE092145.D
 Acq: 3 Aug 2016 13:01

Tgt Ion:172 Resp: 652418
 Ion Ratio Lower Upper
 172 100
 171 33.8 30.3 45.5
 170 21.9 21.6 32.4

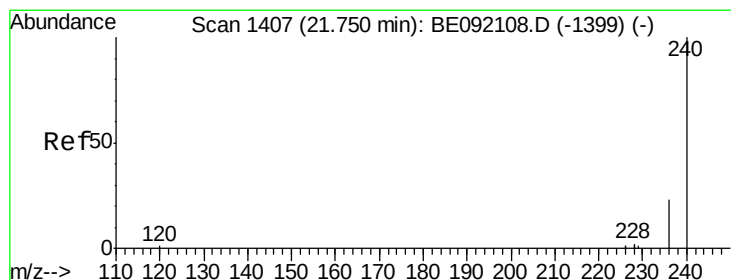
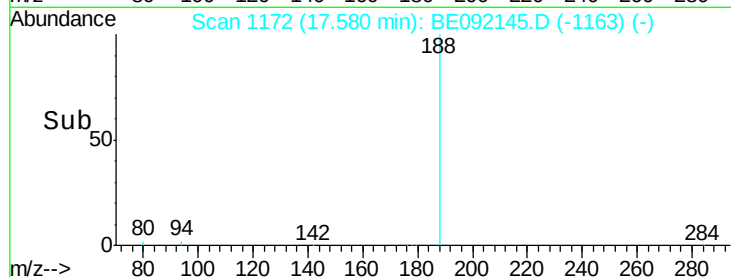
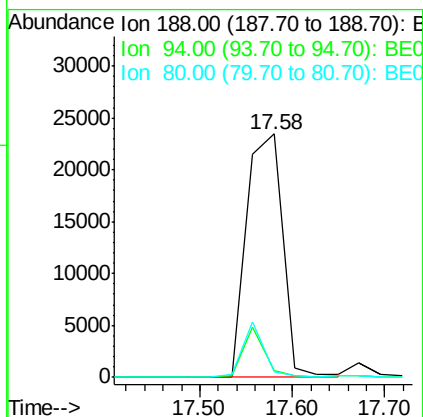
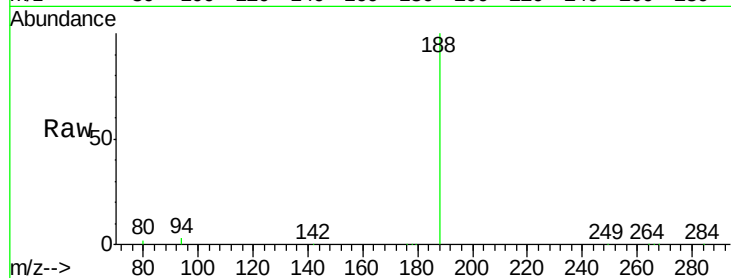




#16
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.58 min Scan# 1172
Delta R.T. -0.00 min
Lab File: BE092145.D
Acq: 3 Aug 2016 13:01

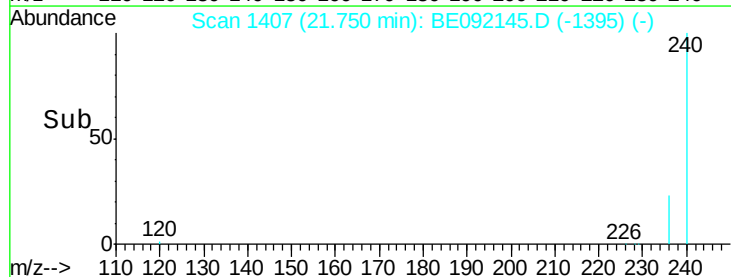
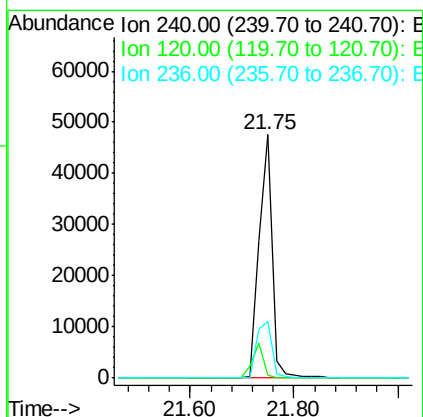
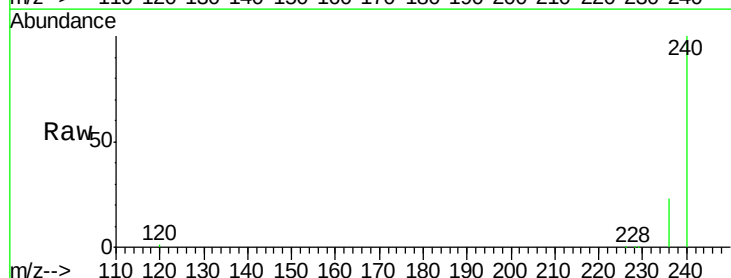
Instrument :
BNA_E
ClientSampleId :
GW-27-7.8-15.0

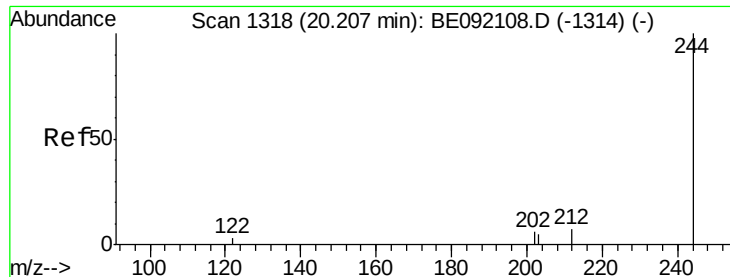
Tot Ion:188 Resp: 63975
Ion Ratio Lower Upper
188 100
94 2.6 3.9 5.9#
80 2.1 3.4 5.0#



#22
Chrysene-d12
Concen: 5.00 ng
RT: 21.75 min Scan# 1407
Delta R.T. -0.00 min
Lab File: BE092145.D
Acq: 3 Aug 2016 13:01

Tgt Ion:240 Resp: 81292
Ion Ratio Lower Upper
240 100
120 1.3 0.6 1.0#
236 23.2 18.2 27.4

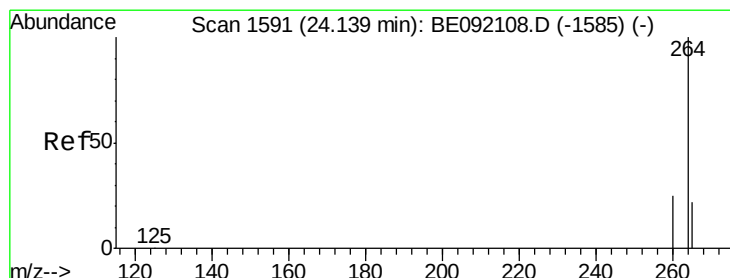
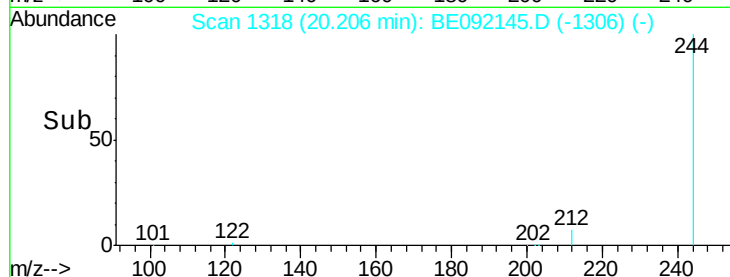
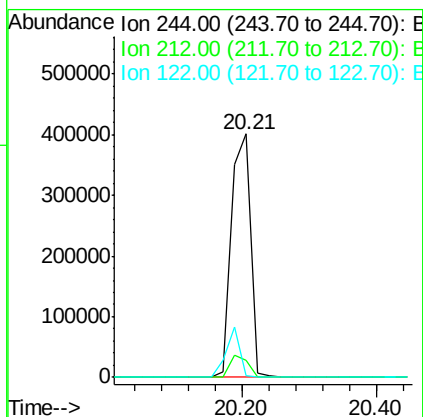
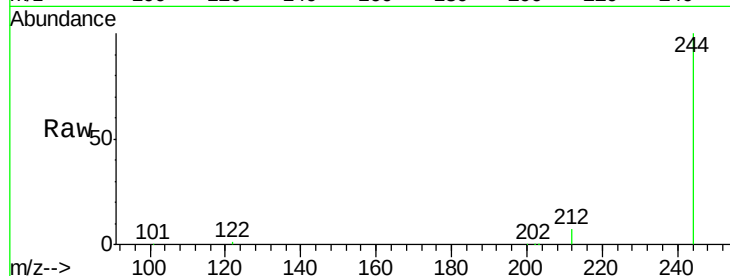




#24
 Terphenyl-d14
 Concen: 67.67 ng
 RT: 20.21 min Scan# 1318
 Delta R.T. -0.00 min
 Lab File: BE092145.D
 Acq: 3 Aug 2016 13:01

Instrument :
 BNA_E
 ClientSampleId :
 GW-27-7.8-15.0

Tot Ion:244 Resp: 790034
 Ion Ratio Lower Upper
 244 100
 212 7.0 9.1 13.7#
 122 0.7 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: BE092145.D
 Acq: 3 Aug 2016 13:01

Tgt Ion:264 Resp: 82117
 Ion Ratio Lower Upper
 264 100
 260 24.0 20.8 31.2
 265 22.6 16.6 25.0

