

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080416\
 Data File : BE092187.D
 Acq On : 4 Aug 2016 18:03
 Operator : UM/SJ
 Sample : H4205-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 GW-41-7.8-15.0

Quant Time: Aug 05 03:33:00 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	14287	5.00	ng	0.00
6) Naphthalene-d8	10.98	136	62023	5.00	ng	-0.01
10) Acenaphthene-d10	14.83	164	31461	5.00	ng	-0.02
16) Phenanthrene-d10	17.56	188	66850	5.00	ng	-0.02
22) Chrysene-d12	21.75	240	71615	5.00	ng	0.00
28) Perylene-d12	24.14	264	76857	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.70	112	17309	4.72	ng	0.00
5) Phenol-d6	7.34	99	15319	3.13	ng	-0.01
7) Nitrobenzene-d5	9.34	82	27034	5.52	ng	-0.01
11) 2,4,6-Tribromophenol	16.32	330	10924	10.69	ng	-0.01
12) 2-Fluorobiphenyl	13.46	172	56641	5.68	ng	0.00
24) Terphenyl-d14	20.19	244	69693	6.78	ng	-0.02

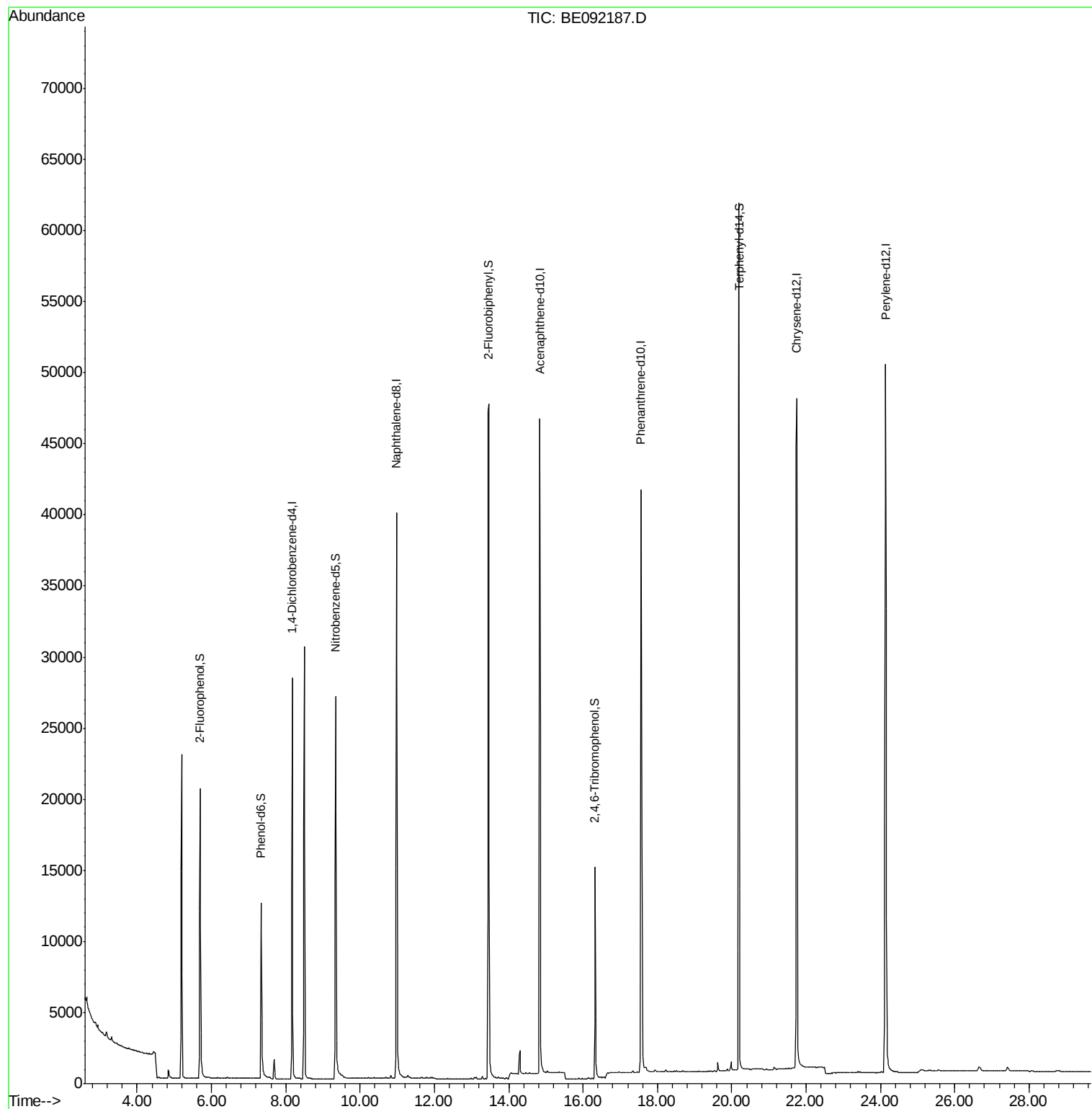
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE092187.D

Acq: 4 Aug 2016 18:03

Instrument :

BNA_E

ClientSampleId :

GW-41-7.8-15.0

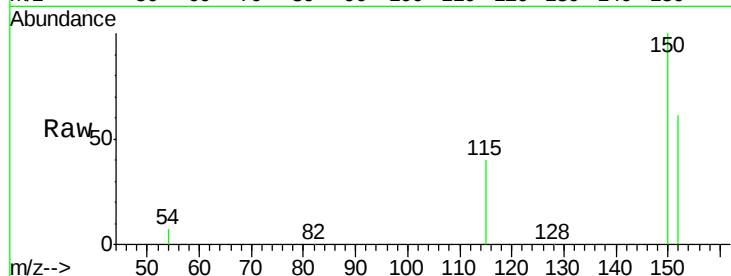
Tgt Ion:152 Resp: 14287

Ion Ratio Lower Upper

152 100

150 163.7 106.0 159.0#

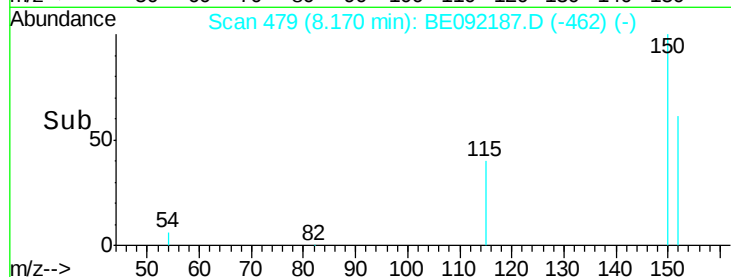
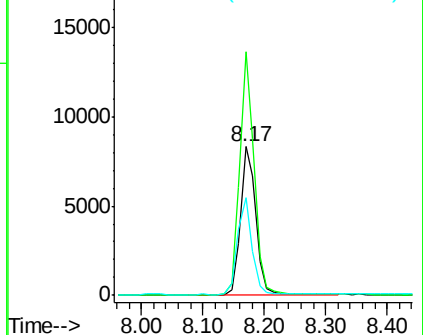
115 65.9 36.9 55.3#



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: 4.72 ng

RT: 5.70 min Scan# 267

Delta R.T. 0.00 min

Lab File: BE092187.D

Acq: 4 Aug 2016 18:03

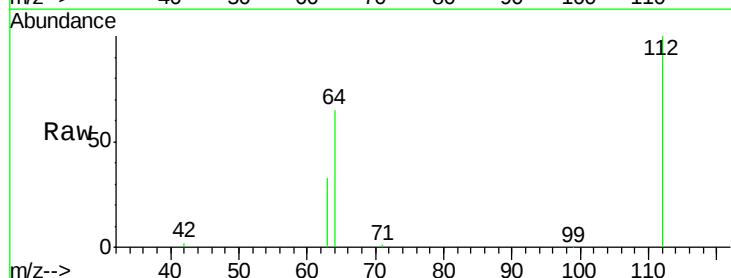
Tgt Ion:112 Resp: 17309

Ion Ratio Lower Upper

112 100

64 67.3 55.9 83.9

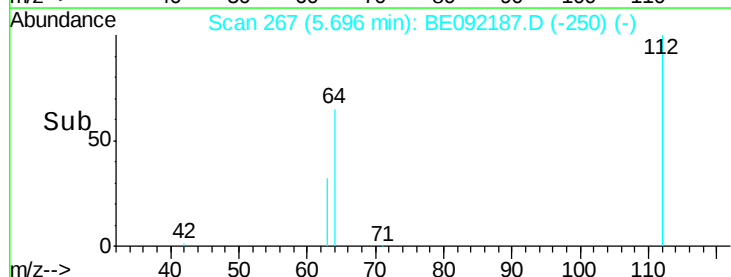
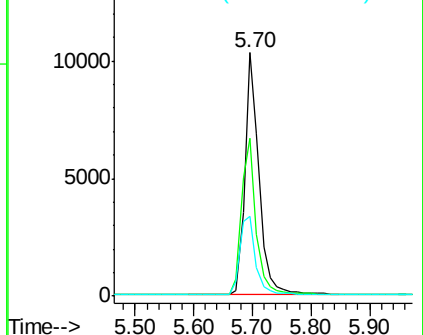
63 36.5 31.1 46.7



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: 3.13 ng

RT: 7.34 min Scan# 409

Delta R.T. -0.01 min

Lab File: BE092187.D

Acq: 4 Aug 2016 18:03

Instrument :

BNA_E

ClientSampleId :

GW-41-7.8-15.0

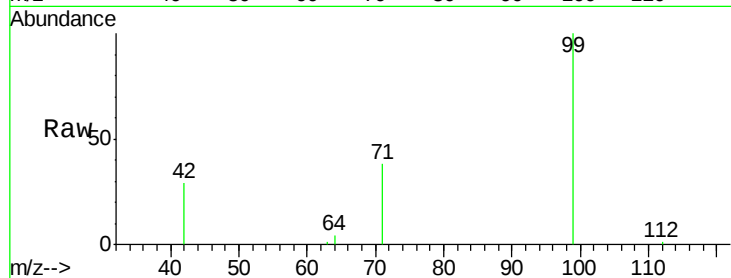
Tgt Ion: 99 Resp: 15319

Ion Ratio Lower Upper

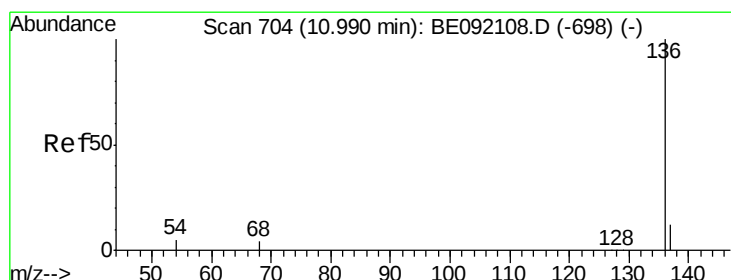
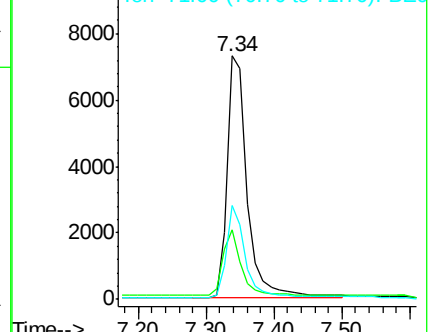
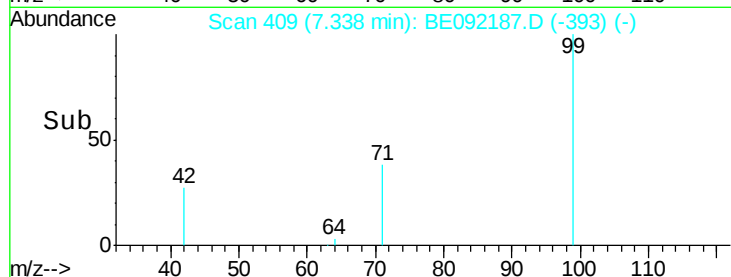
99 100

42 25.1 22.4 33.6

71 35.3 28.9 43.3



Abundance Ion 99.00 (98.70 to 99.70): BE092108.D (-403) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.98 min Scan# 703

Delta R.T. -0.01 min

Lab File: BE092187.D

Acq: 4 Aug 2016 18:03

Tgt Ion: 136 Resp: 62023

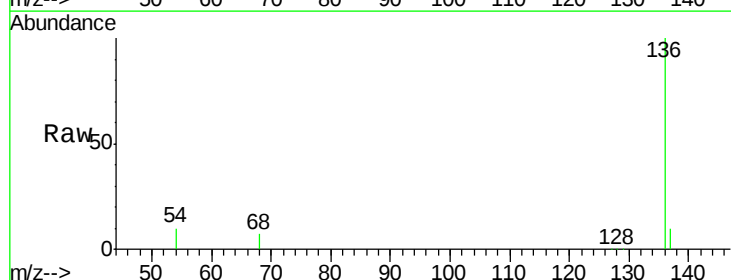
Ion Ratio Lower Upper

136 100

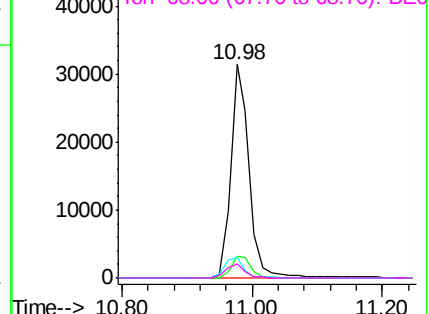
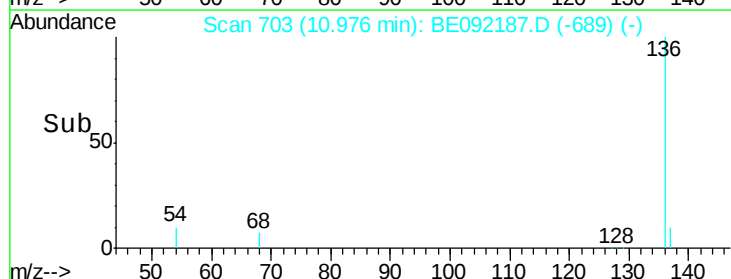
137 10.4 9.1 13.7

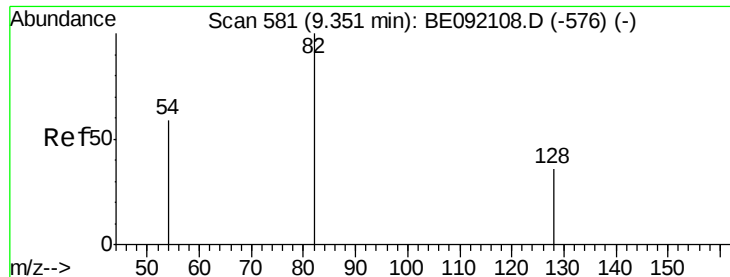
54 9.8 2.7 4.1#

68 6.9 2.2 3.4#



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





#7

Nitrobenzene-d5

Concen: 5.52 ng

RT: 9.34 min Scan# 580

Delta R.T. -0.01 min

Lab File: BE092187.D

Acq: 4 Aug 2016 18:03

Instrument :

BNA_E

ClientSampleId :

GW-41-7.8-15.0

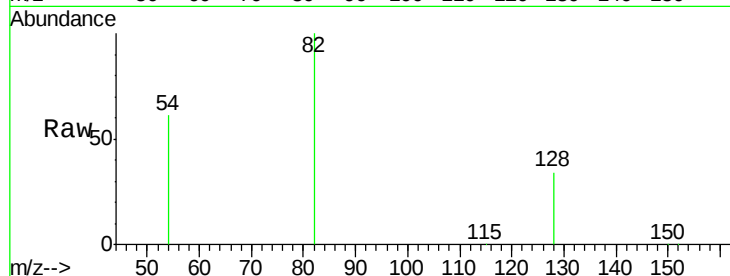
Tgt Ion: 82 Resp: 27034

Ion Ratio Lower Upper

82 100

128 34.1 33.0 49.4

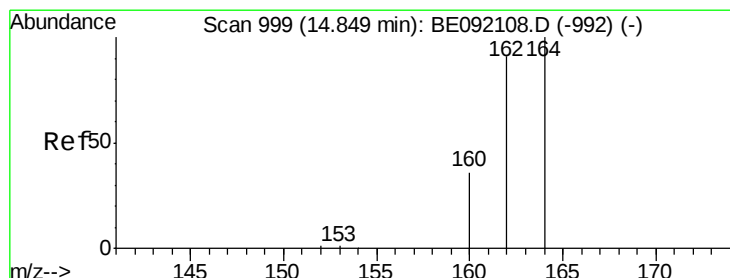
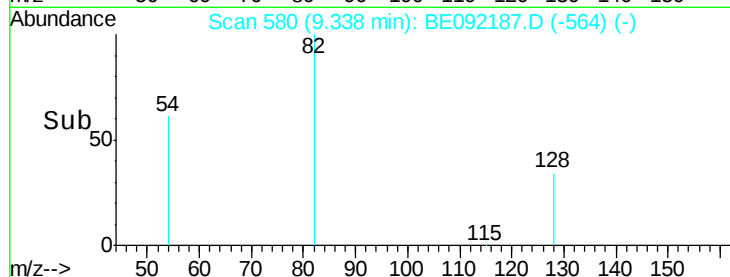
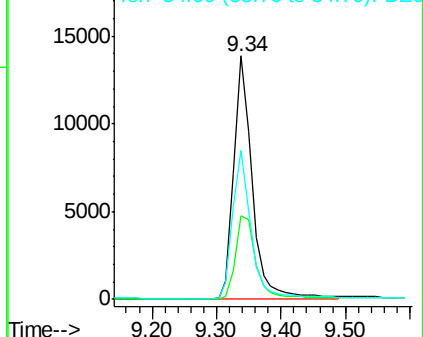
54 61.0 42.6 63.8



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: BE092187.D

Acq: 4 Aug 2016 18:03

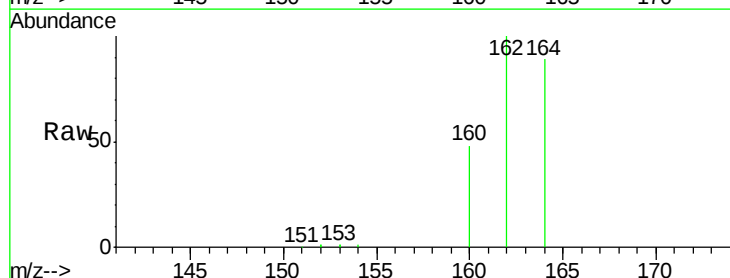
Tgt Ion: 164 Resp: 31461

Ion Ratio Lower Upper

164 100

162 112.9 69.5 104.3#

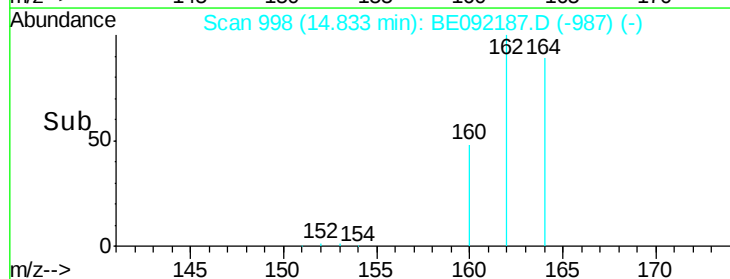
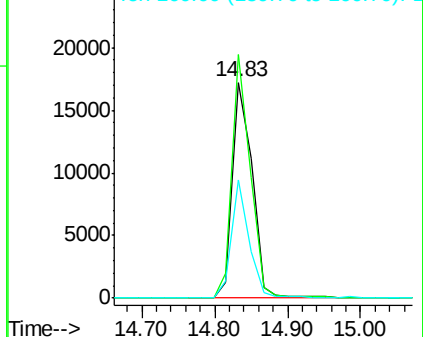
160 54.5 27.6 41.4#



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

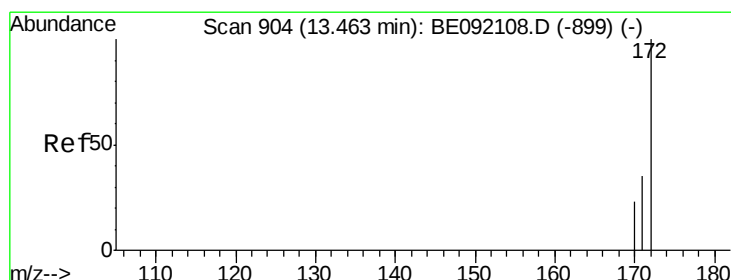
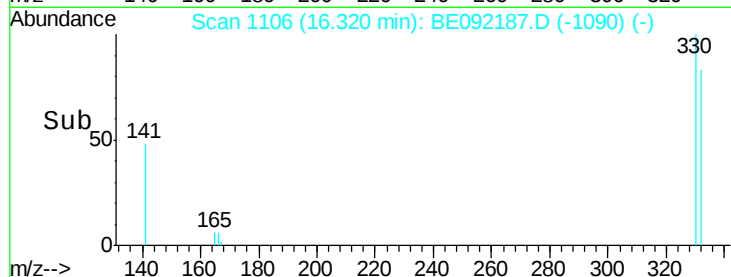
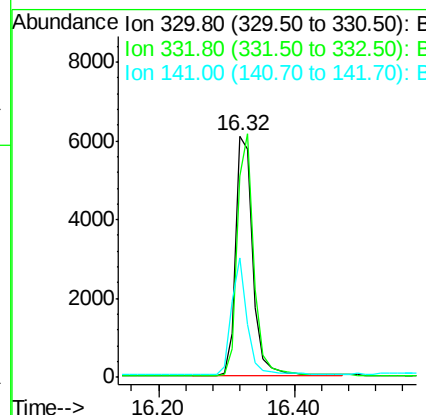
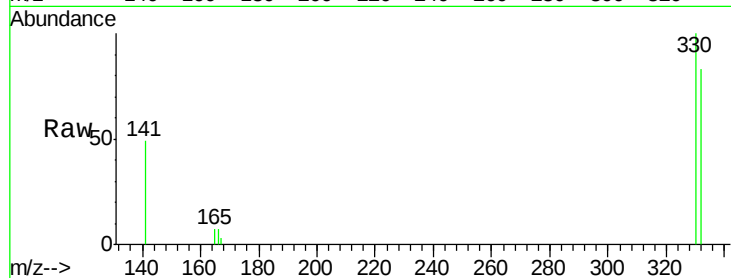




#11
 2,4,6-Tribromophenol
 Concen: 10.69 ng
 RT: 16.32 min Scan# 1106
 Delta R.T. -0.01 min
 Lab File: BE092187.D
 Acq: 4 Aug 2016 18:03

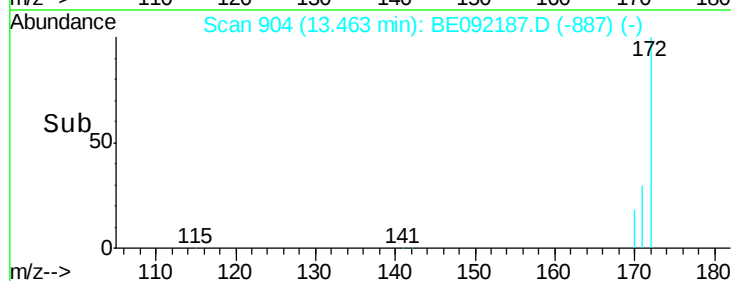
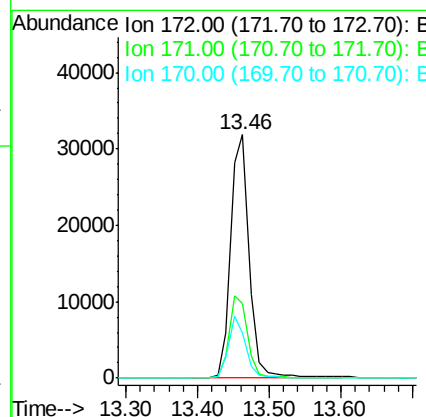
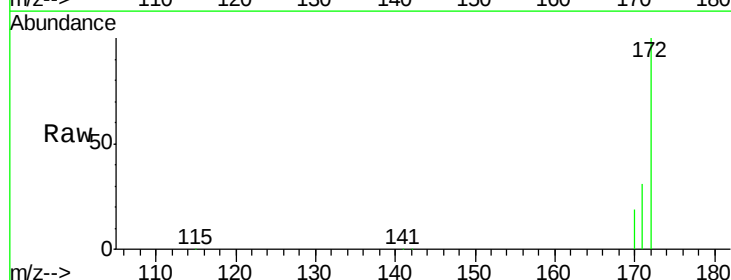
Instrument :
 BNA_E
 ClientSampleId :
 GW-41-7.8-15.0

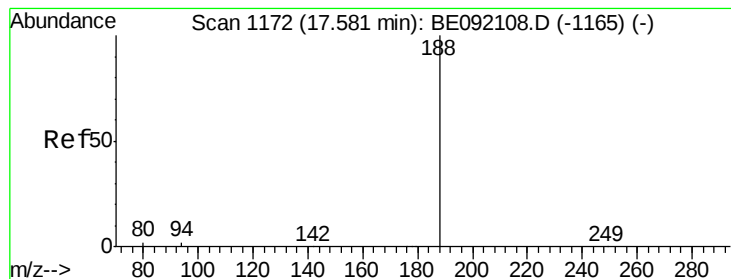
Tgt Ion: 330 Resp: 10924
 Ion Ratio Lower Upper
 330 100
 332 96.9 74.2 111.4
 141 44.1 139.8 209.8#



#12
 2-Fluorobiphenyl
 Concen: 5.68 ng
 RT: 13.46 min Scan# 904
 Delta R.T. -0.00 min
 Lab File: BE092187.D
 Acq: 4 Aug 2016 18:03

Tgt Ion: 172 Resp: 56641
 Ion Ratio Lower Upper
 172 100
 171 30.6 30.3 45.5
 170 18.6 21.6 32.4#

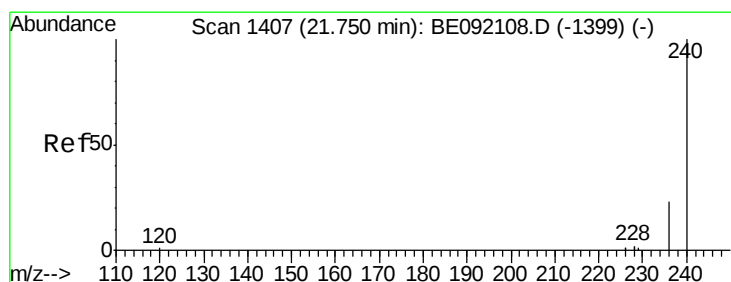
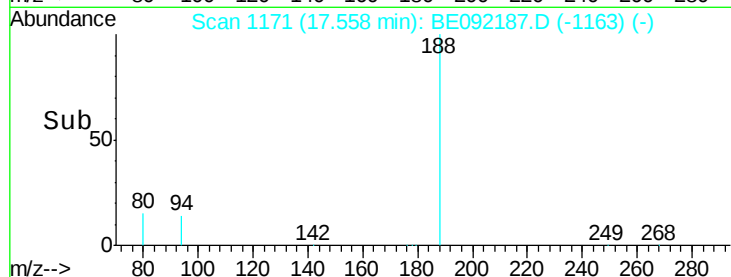
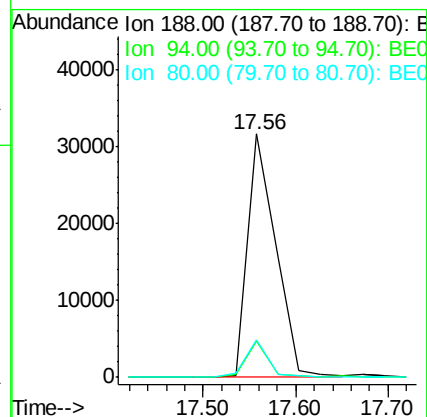
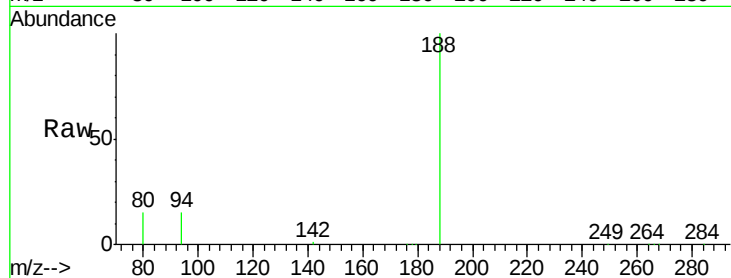




#16
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.56 min Scan# 1171
Delta R.T. -0.02 min
Lab File: BE092187.D
Acq: 4 Aug 2016 18:03

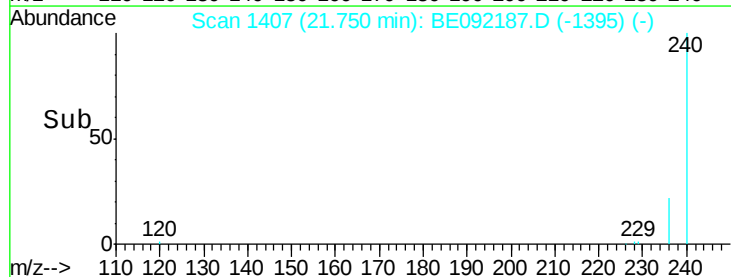
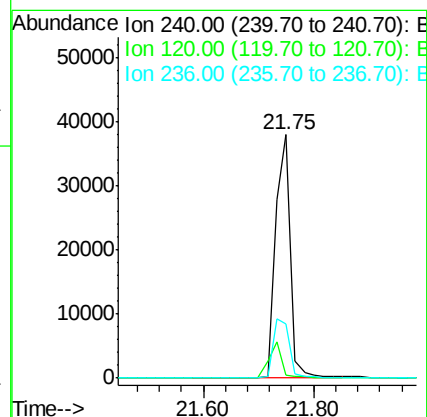
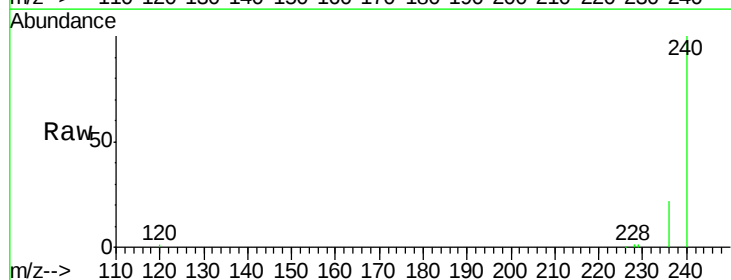
Instrument :
BNA_E
ClientSampleId :
GW-41-7.8-15.0

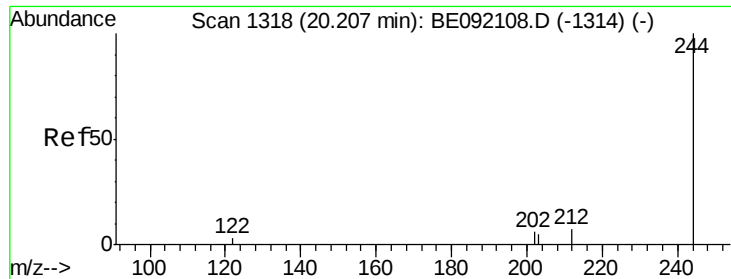
Tgt Ion:188 Resp: 66850
Ion Ratio Lower Upper
188 100
94 14.8 3.9 5.9#
80 15.2 3.4 5.0#



#22
Chrysene-d12
Concen: 5.00 ng
RT: 21.75 min Scan# 1407
Delta R.T. -0.00 min
Lab File: BE092187.D
Acq: 4 Aug 2016 18:03

Tgt Ion:240 Resp: 71615
Ion Ratio Lower Upper
240 100
120 1.4 0.6 1.0#
236 22.5 18.2 27.4

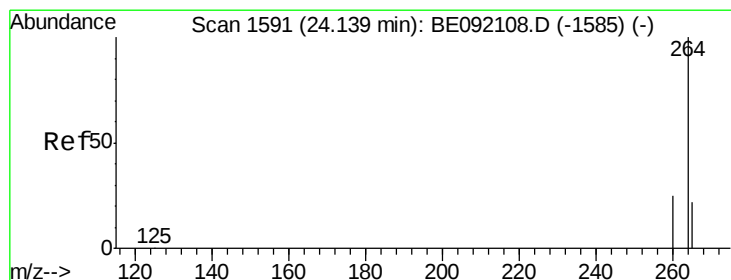
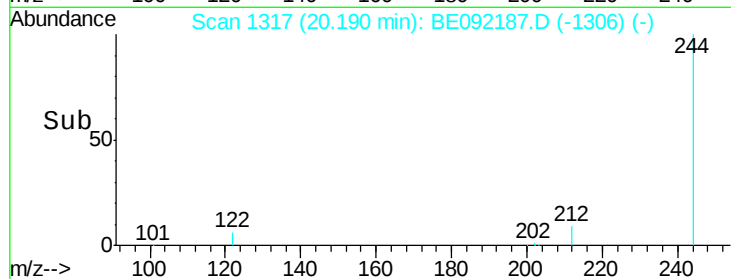
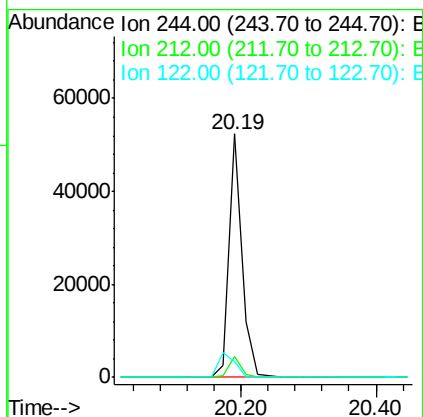
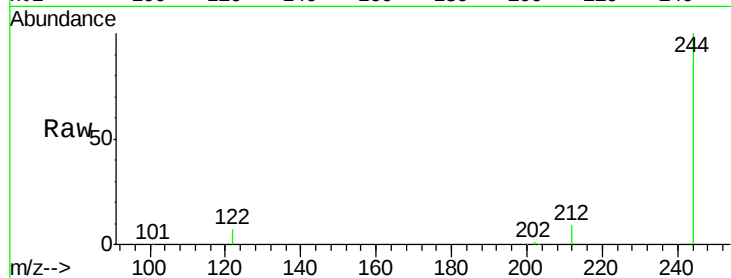




#24
 Terphenyl-d14
 Concen: 6.78 ng
 RT: 20.19 min Scan# 1317
 Delta R.T. -0.02 min
 Lab File: BE092187.D
 Acq: 4 Aug 2016 18:03

Instrument :
 BNA_E
 ClientSampleId :
 GW-41-7.8-15.0

Tgt Ion:244 Resp: 69693
 Ion Ratio Lower Upper
 244 100
 212 8.7 9.1 13.7#
 122 6.6 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: BE092187.D
 Acq: 4 Aug 2016 18:03

Tgt Ion:264 Resp: 76857
 Ion Ratio Lower Upper
 264 100
 260 24.8 20.8 31.2
 265 22.3 16.6 25.0

