

Data Path : Z:\HPCHEM1\BNA E\DATA\BE041116\
 Data File : BE091625.D
 Acq On : 11 Apr 2016 13:07
 Operator : UM/SJ
 Sample : PB89606BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB89606BL

Quant Time: Apr 12 02:00:43 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE040816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 08 16:48:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	45968	5.00	ng	-0.02
7) Naphthalene-d8	10.59	136	220616	5.00	ng	0.00
13) Acenaphthene-d10	14.42	164	132931	5.00	ng	0.00
19) Phenanthrene-d10	17.16	188	344044	5.00	ng	0.00
26) Chrysene-d12	21.31	240	419467	5.00	ng	0.00
35) Perylene-d12	23.76	264	356462	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	73812	6.73	ng	0.00
5) Phenol-d6	6.97	99	103618	7.08	ng	0.00
8) Nitrobenzene-d5	8.96	82	40187	3.14	ng	0.00
14) 2,4,6-Tribromophenol	15.91	330	26430	5.51	ng	0.00
15) 2-Fluorobiphenyl	13.05	172	137397	3.72	ng	0.00
29) Terphenyl-d14	19.76	244	202710	3.87	ng	0.00

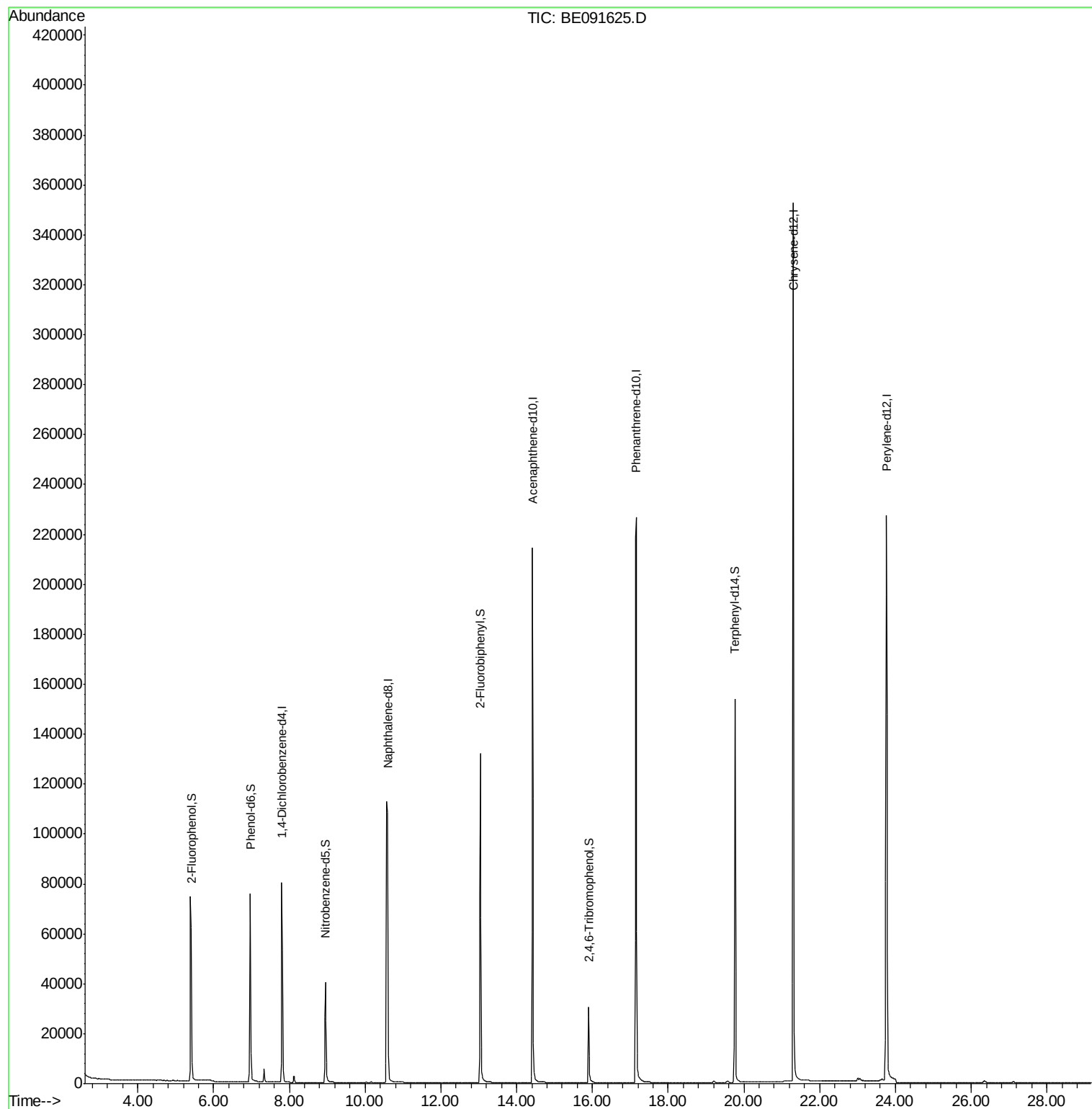
Target Compounds Qvalue

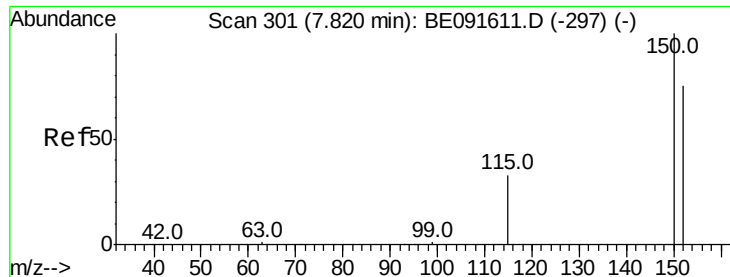
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE041116\
Data File : BE091625.D
Acq On : 11 Apr 2016 13:07
Operator : UM/SJ
Sample : PB89606BL
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB89606BL

Quant Time: Apr 12 02:00:43 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE040816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 08 16:48:14 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.80 min Scan# 300

Delta R.T. -0.02 min

Lab File: BE091625.D

Acq: 11 Apr 2016 13:07

Instrument :

BNA_E

ClientSampleId :

PB89606BL

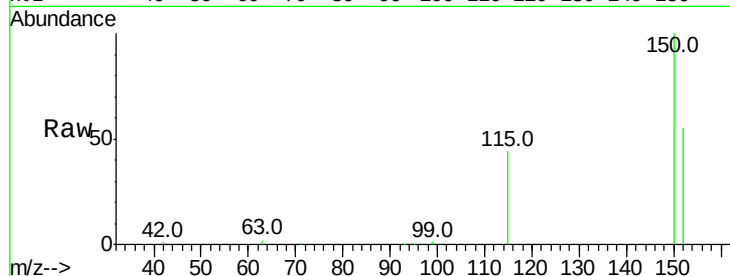
Tot Ion:152 Resp: 45968

Ion Ratio Lower Upper

152 100

150 182.1 122.6 183.8

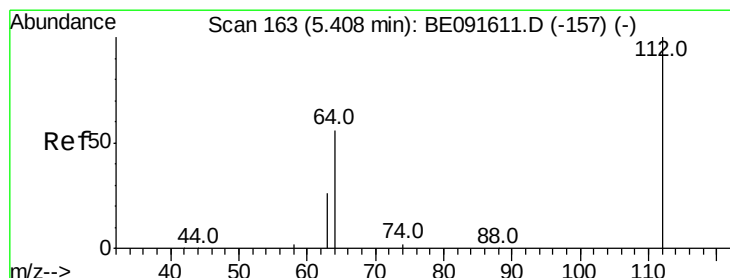
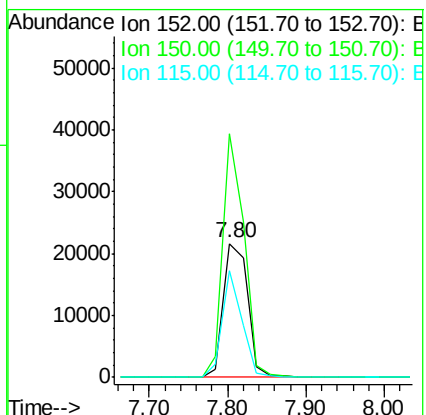
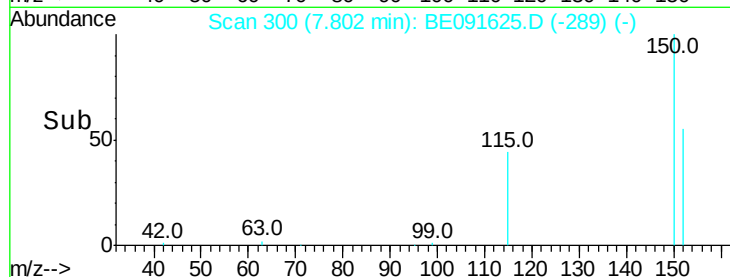
115 79.4 52.8 79.2#



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: 6.73 ng

RT: 5.41 min Scan# 163

Delta R.T. 0.00 min

Lab File: BE091625.D

Acq: 11 Apr 2016 13:07

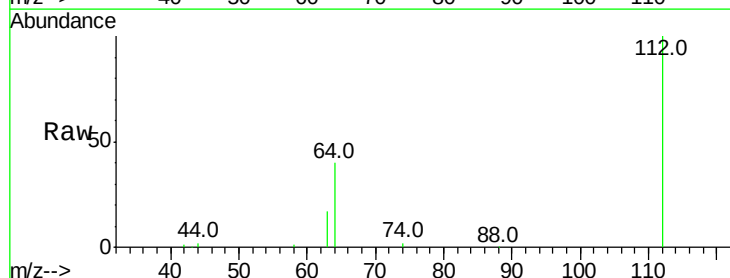
Tgt Ion:112 Resp: 73812

Ion Ratio Lower Upper

112 100

64 68.1 30.9 46.3#

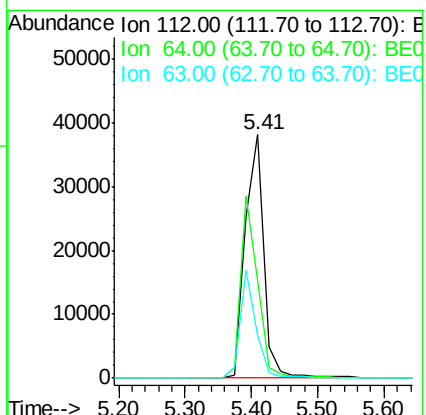
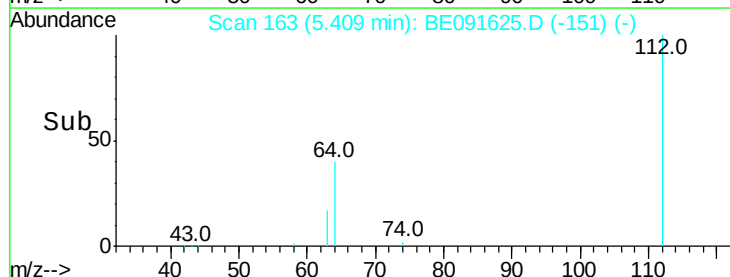
63 37.1 16.7 25.1#

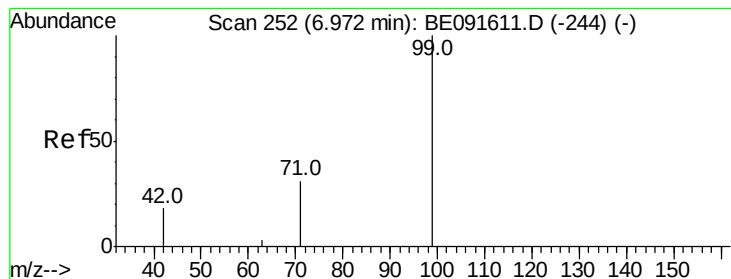


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 7.08 ng

RT: 6.97 min Scan# 252

Delta R.T. -0.00 min

Lab File: BE091625.D

Acq: 11 Apr 2016 13:07

Instrument :

BNA_E

ClientSampleId :

PB89606BL

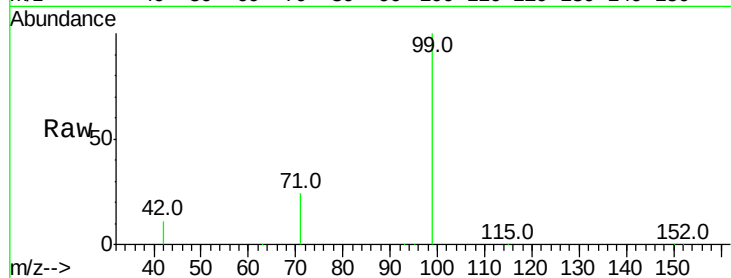
Tot Ion: 99 Resp: 103618

Ion Ratio Lower Upper

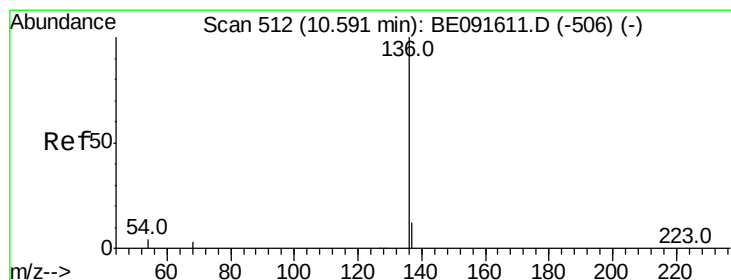
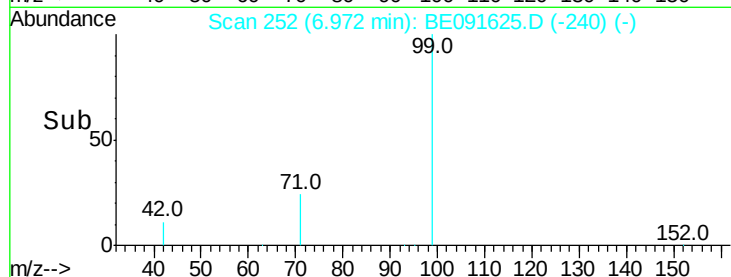
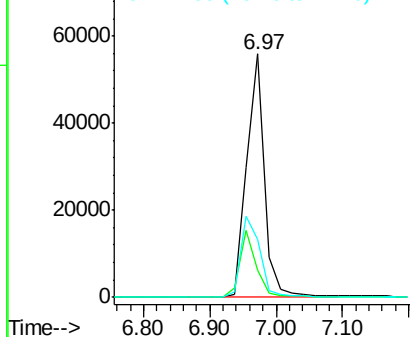
99 100

42 25.2 16.2 24.2#

71 35.8 29.0 43.4



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



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.59 min Scan# 512

Delta R.T. 0.00 min

Lab File: BE091625.D

Acq: 11 Apr 2016 13:07

Tgt Ion: 136 Resp: 220616

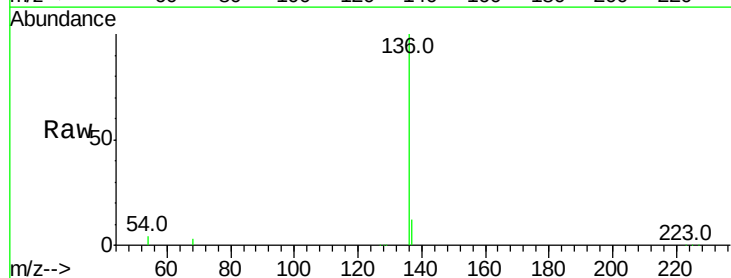
Ion Ratio Lower Upper

136 100

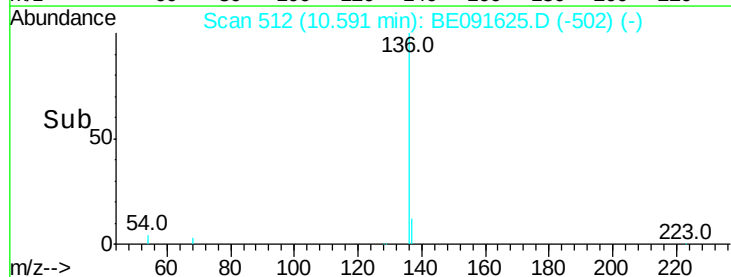
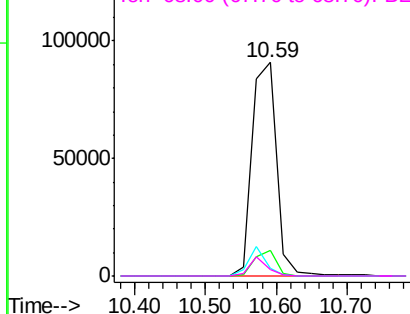
137 12.3 8.9 13.3

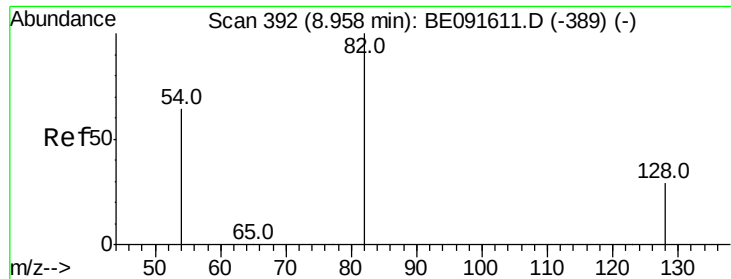
54 3.8 8.2 12.4#

68 3.1 6.2 9.4#



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





#8

Nitrobenzene-d5

Concen: 3.14 ng

RT: 8.96 min Scan# 392

Delta R.T. 0.00 min

Lab File: BE091625.D

Acq: 11 Apr 2016 13:07

Instrument :

BNA_E

ClientSampleId :

PB89606BL

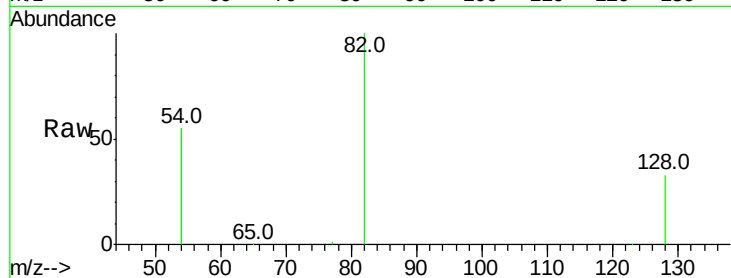
Tot Ion: 82 Resp: 40187

Ion Ratio Lower Upper

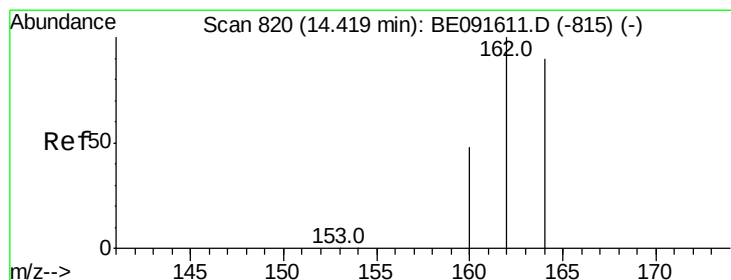
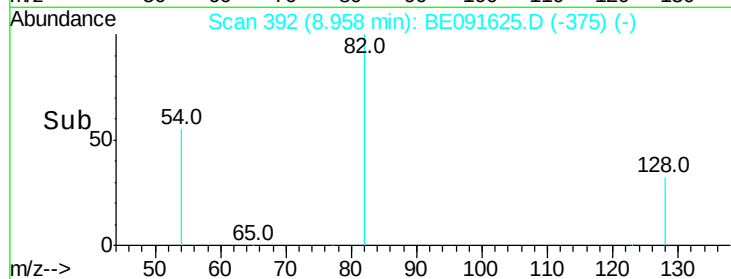
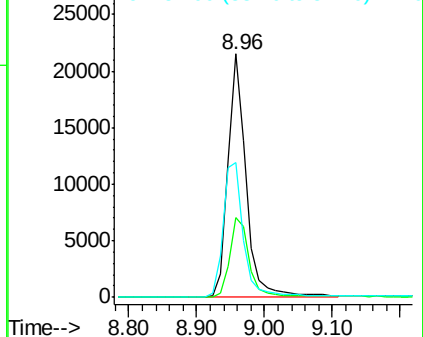
82 100

128 32.6 25.4 38.0

54 55.2 48.4 72.6



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



#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.42 min Scan# 820

Delta R.T. 0.00 min

Lab File: BE091625.D

Acq: 11 Apr 2016 13:07

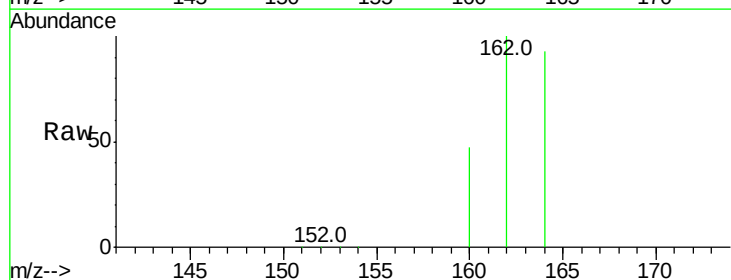
Tgt Ion:164 Resp: 132931

Ion Ratio Lower Upper

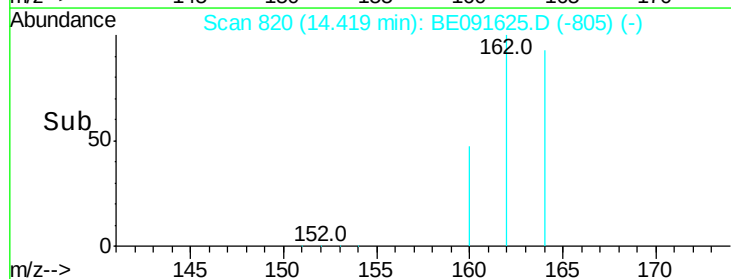
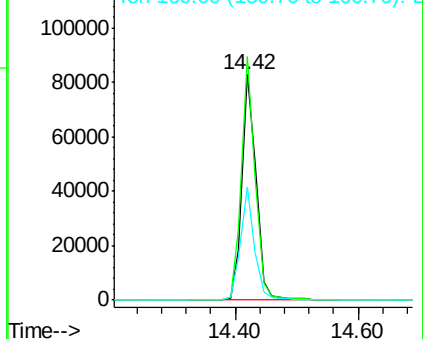
164 100

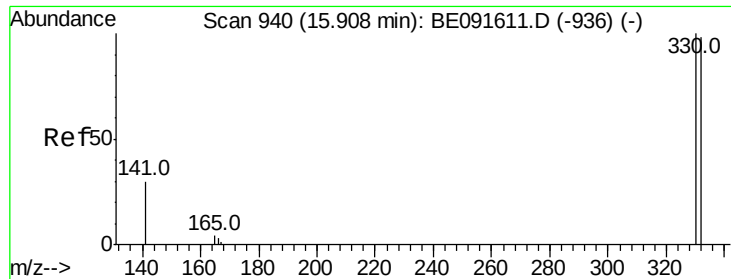
162 108.0 85.3 127.9

160 50.3 46.2 69.2



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

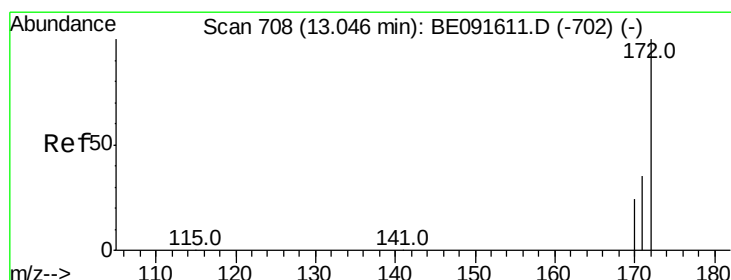
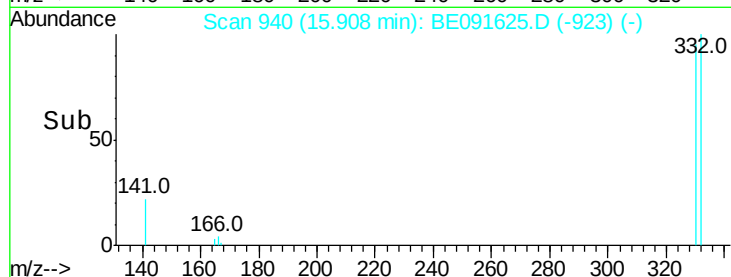
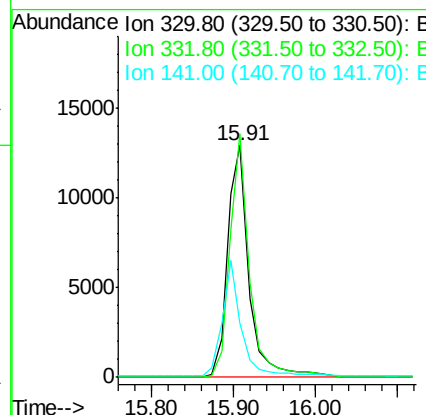
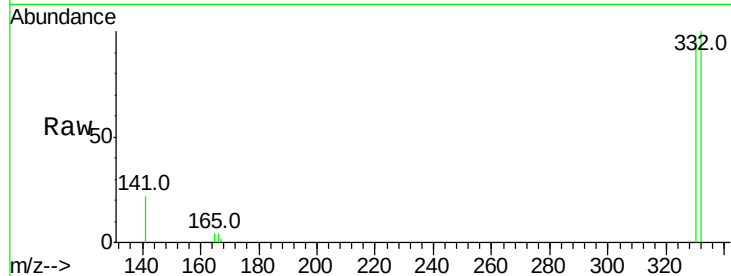




#14
 2,4,6-Tribromophenol
 Concen: 5.51 ng
 RT: 15.91 min Scan# 940
 Delta R.T. 0.00 min
 Lab File: BE091625.D
 Acq: 11 Apr 2016 13:07

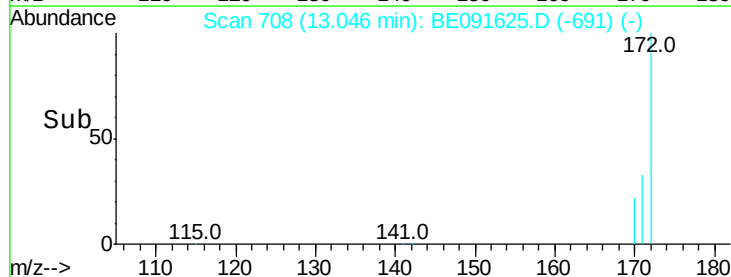
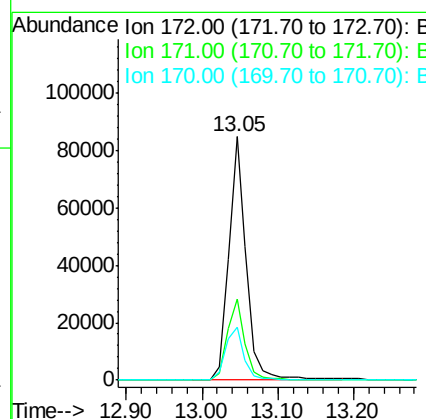
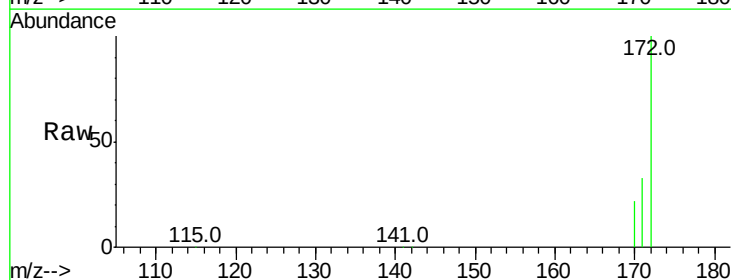
Instrument :
 BNA_E
 ClientSampleId :
 PB89606BL

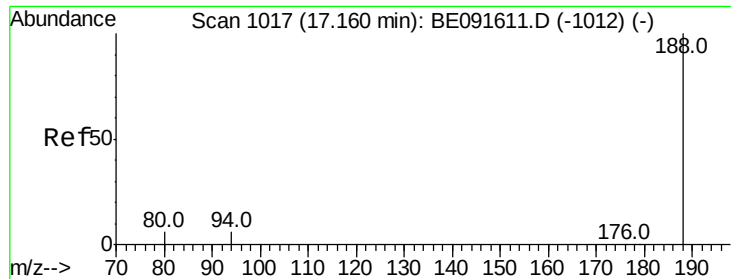
Tot Ion:330 Resp: 26430
 Ion Ratio Lower Upper
 330 100
 332 97.0 79.1 118.7
 141 43.1 125.4 188.0#



#15
 2-Fluorobiphenyl
 Concen: 3.72 ng
 RT: 13.05 min Scan# 708
 Delta R.T. 0.00 min
 Lab File: BE091625.D
 Acq: 11 Apr 2016 13:07

Tgt Ion:172 Resp: 137397
 Ion Ratio Lower Upper
 172 100
 171 33.4 28.8 43.2
 170 22.0 19.3 28.9





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.16 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BE091625.D

Acq: 11 Apr 2016 13:07

Instrument :

BNA_E

ClientSampled :

PB89606BL

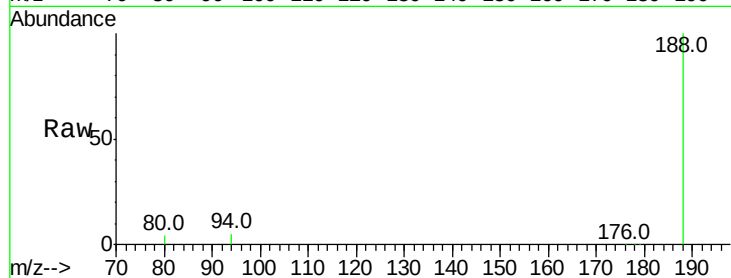
Tot Ion:188 Resp: 344044

Ion Ratio Lower Upper

188 100

94 5.1 8.7 13.1#

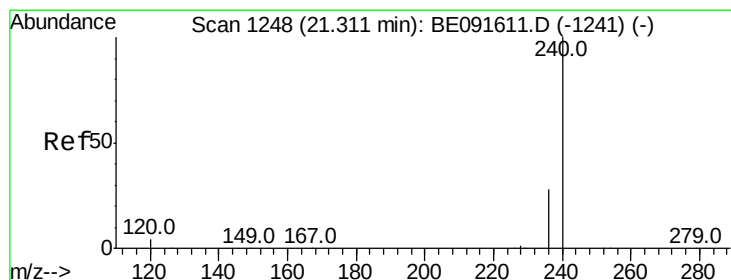
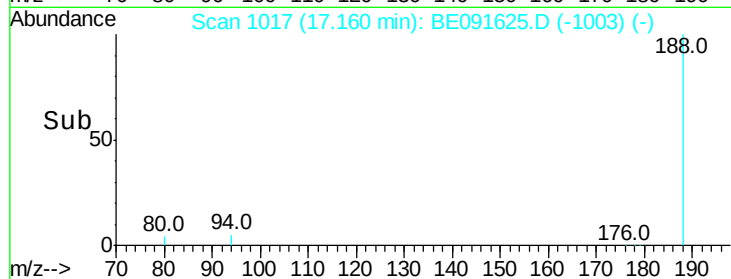
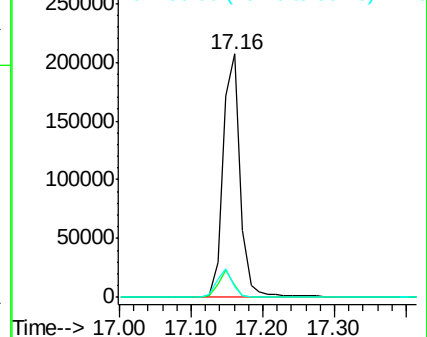
80 4.2 9.4 14.0#



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



#26

Chrysene-d12

Concen: 5.00 ng

RT: 21.31 min Scan# 1248

Delta R.T. 0.00 min

Lab File: BE091625.D

Acq: 11 Apr 2016 13:07

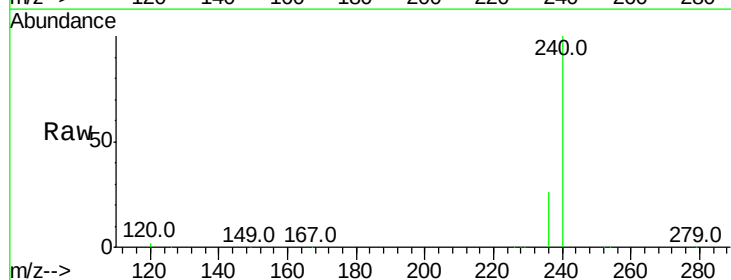
Tgt Ion:240 Resp: 419467

Ion Ratio Lower Upper

240 100

120 2.4 11.0 16.4#

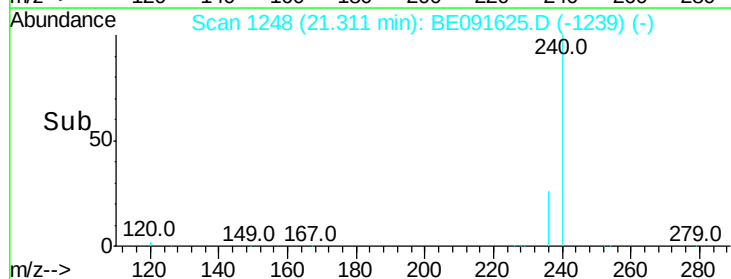
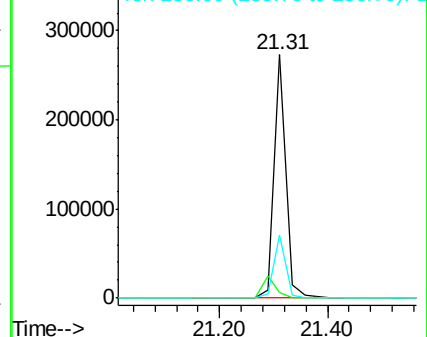
236 26.0 21.7 32.5

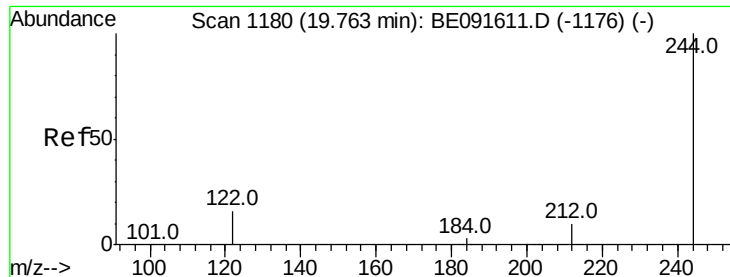


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 3.87 ng

RT: 19.76 min Scan# 1180

Delta R.T. 0.00 min

Lab File: BE091625.D

Acq: 11 Apr 2016 13:07

Instrument :

BNA_E

ClientSampleId :

PB89606BL

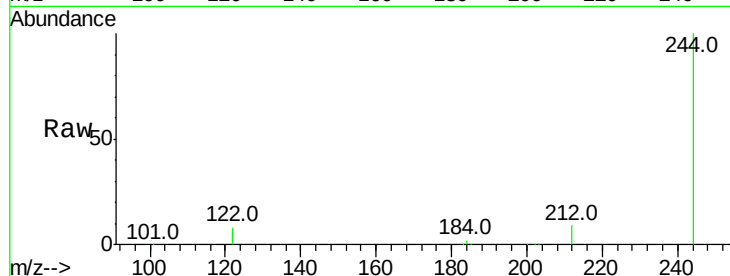
Tot Ion:244 Resp: 202710

Ion Ratio Lower Upper

244 100

212 9.1 6.9 10.3

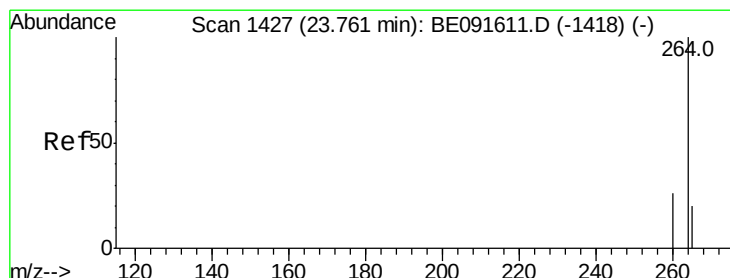
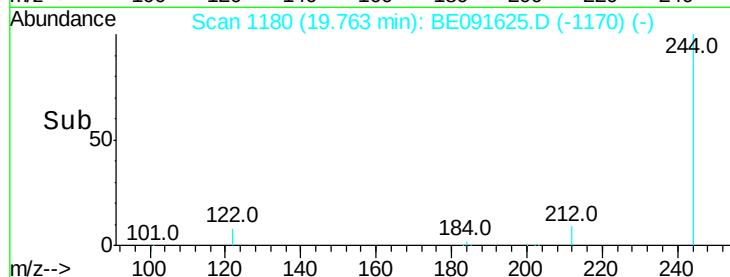
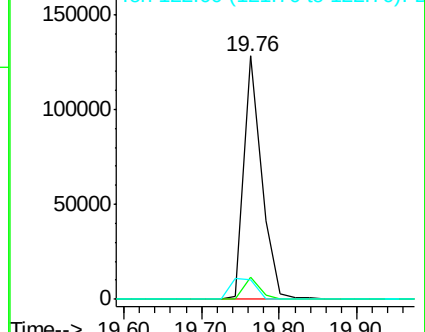
122 8.0 11.0 16.4#



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



#35

Perylene-d12

Concen: 5.00 ng

RT: 23.76 min Scan# 1427

Delta R.T. 0.00 min

Lab File: BE091625.D

Acq: 11 Apr 2016 13:07

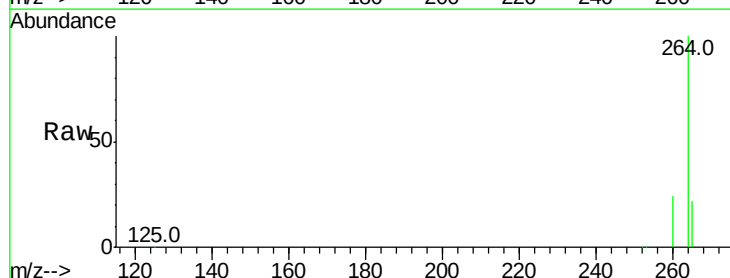
Tgt Ion:264 Resp: 356462

Ion Ratio Lower Upper

264 100

260 24.2 20.0 30.0

265 22.4 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

