

Data Path : Z:\HPCHEM1\BNA E\DATA\BE080515\
 Data File : BE090380.D
 Acq On : 6 Aug 2015 7:55
 Operator : TP/UM
 Sample : G3180-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 080315-D506-E-U-S

Quant Time: Aug 06 13:41:59 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 06 02:22:05 2015
 Response via : Initial Calibration

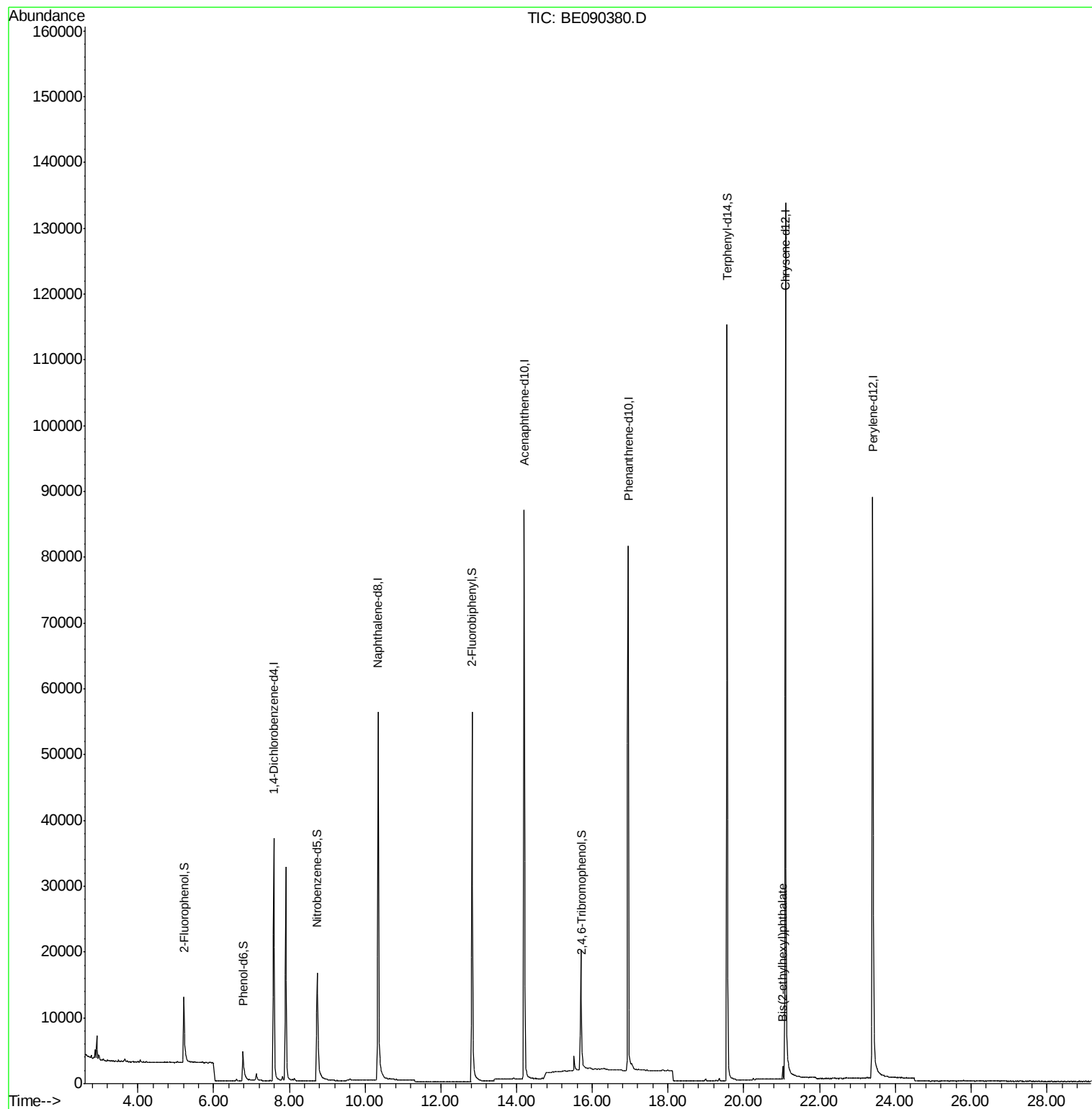
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	20538	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	89889	5.00	ng	0.00
12) Acenaphthene-d10	14.20	164	50647	5.00	ng	0.00
18) Phenanthrene-d10	16.95	188	120817	5.00	ng	0.00
25) Chrysene-d12	21.10	240	146523	5.00	ng	0.00
32) Perylene-d12	23.40	264	132578	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	10020	2.77	ng	0.00
5) Phenol-d6	6.77	99	8646	1.50	ng	0.00
7) Nitrobenzene-d5	8.73	82	25077	3.49	ng	0.00
13) 2,4,6-Tribromophenol	15.71	330	9906	6.86	ng	0.00
14) 2-Fluorobiphenyl	12.82	172	65229	4.68	ng	0.00
27) Terphenyl-d14	19.56	244	124284	5.76	ng	0.00
Target Compounds						
30) Bis(2-ethylhexyl)phthalate	21.03	149	1797	0.34	ng	Qvalue # 98

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

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.59 min Scan# 846

Delta R.T. -0.00 min

Lab File: BE090380.D

Acq: 6 Aug 2015 7:55

Instrument :

BNA_E

ClientSampleId :

080315-D506-E-U-S

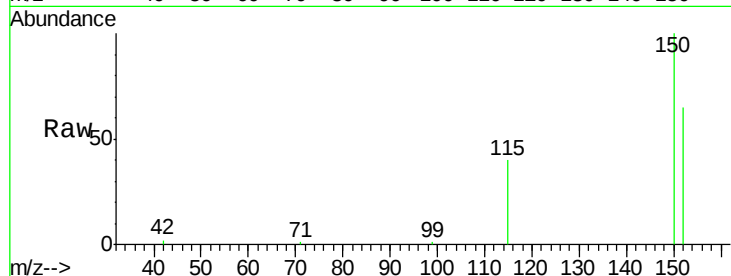
Tot Ion:152 Resp: 20538

Ion Ratio Lower Upper

152 100

150 153.7 123.0 184.4

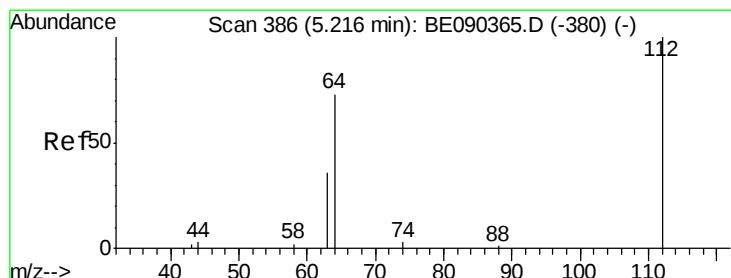
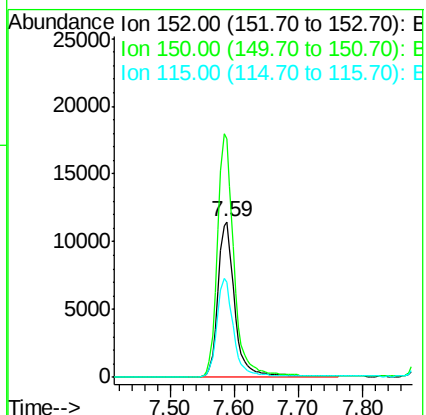
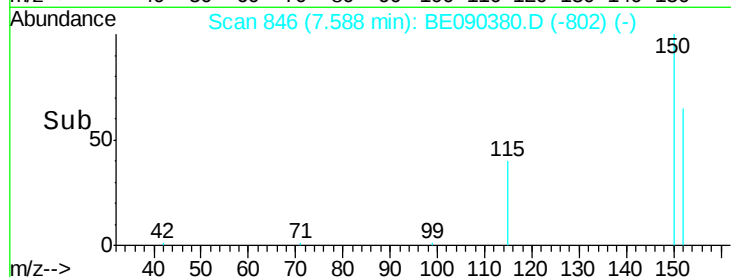
115 61.1 48.9 73.3



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: 2.77 ng

RT: 5.22 min Scan# 386

Delta R.T. -0.00 min

Lab File: BE090380.D

Acq: 6 Aug 2015 7:55

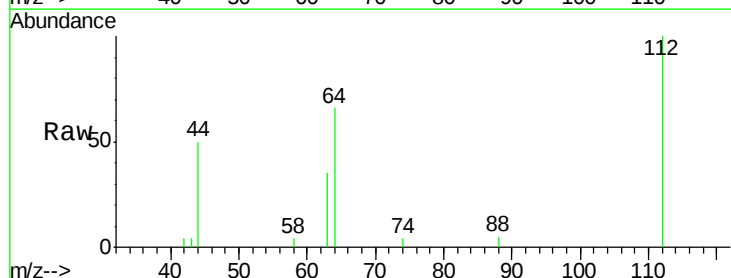
Tgt Ion:112 Resp: 10020

Ion Ratio Lower Upper

112 100

64 71.0 37.1 55.7#

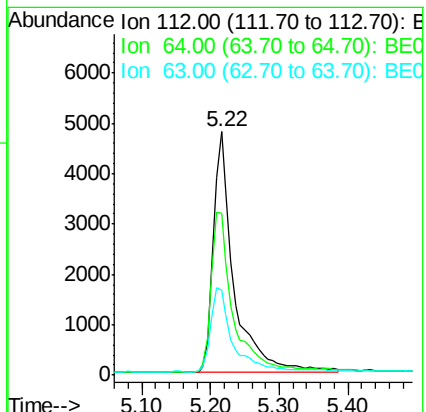
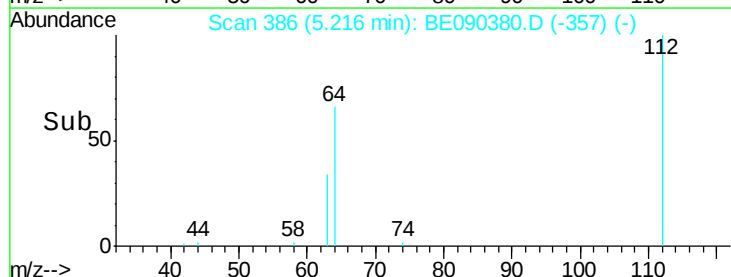
63 37.8 19.5 29.3#

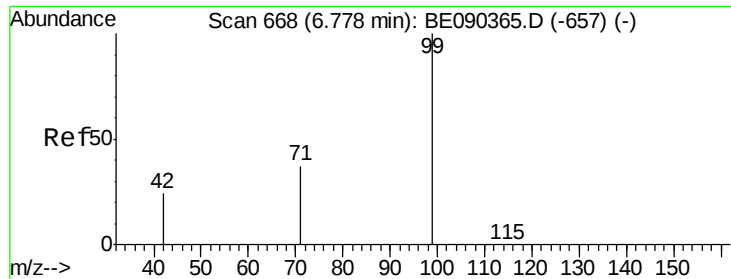


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 1.50 ng

RT: 6.77 min Scan# 667

Delta R.T. -0.00 min

Lab File: BE090380.D

Acq: 6 Aug 2015 7:55

Instrument :

BNA_E

ClientSampleId :

080315-D506-E-U-S

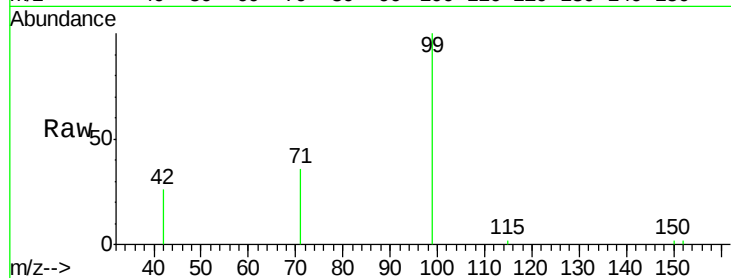
Tot Ion: 99 Resp: 8646

Ion Ratio Lower Upper

99 100

42 21.3 18.2 27.4

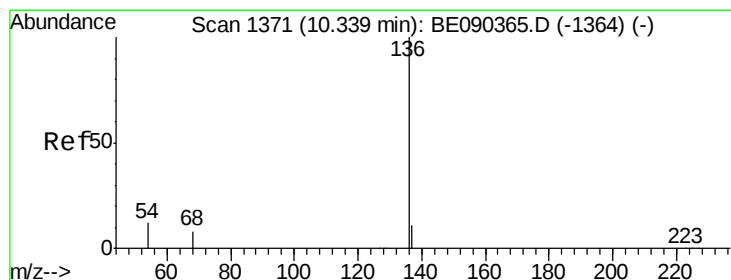
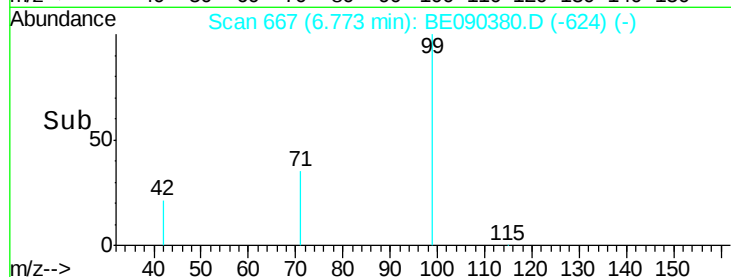
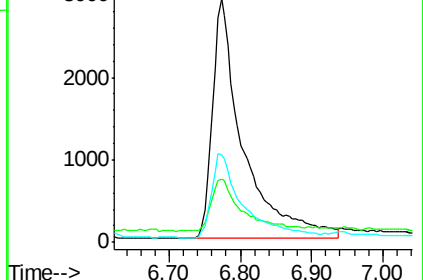
71 36.3 27.4 41.0



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: 10.34 min Scan# 1371

Delta R.T. 0.00 min

Lab File: BE090380.D

Acq: 6 Aug 2015 7:55

Tgt Ion: 136 Resp: 89889

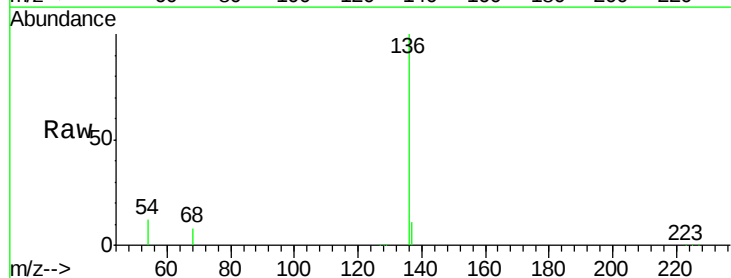
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 11.6 9.4 14.0

68 8.2 6.5 9.7

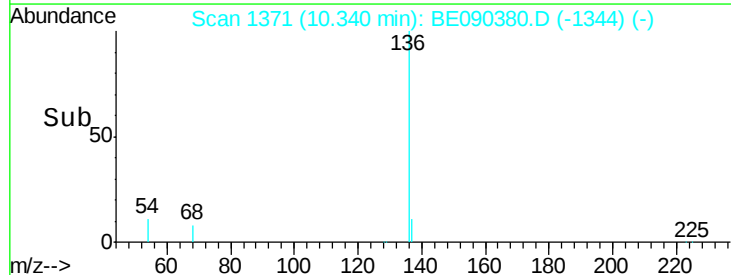
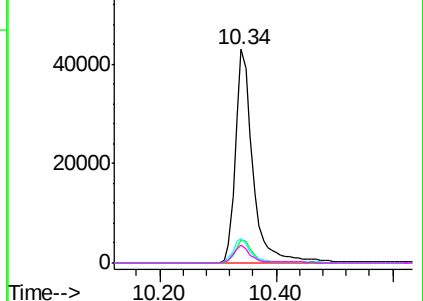


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.49 ng

RT: 8.73 min Scan# 1094

Delta R.T. -0.00 min

Lab File: BE090380.D

Acq: 6 Aug 2015 7:55

Instrument :

BNA_E

ClientSampleId :

080315-D506-E-U-S

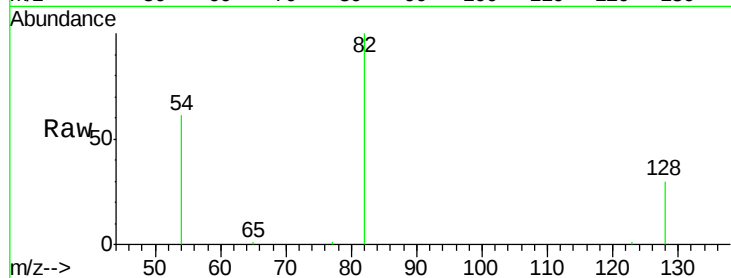
Tot Ion: 82 Resp: 25077

Ion Ratio Lower Upper

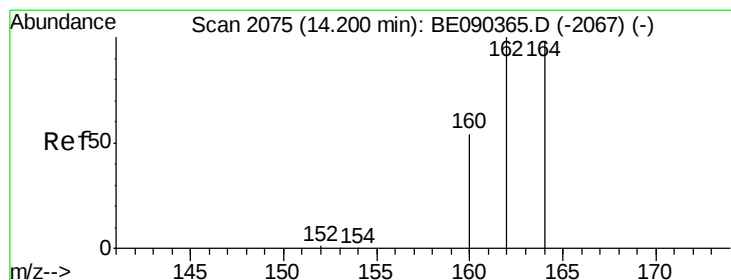
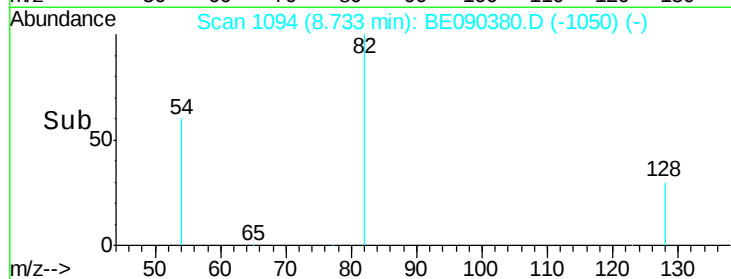
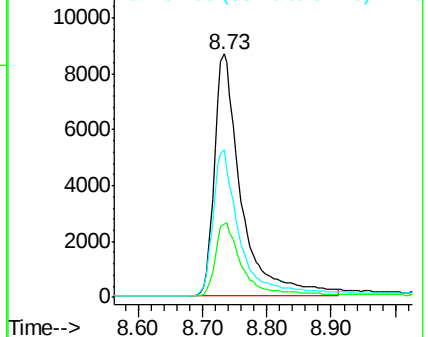
82 100

128 30.3 25.0 37.6

54 60.7 48.8 73.2



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



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.20 min Scan# 2075

Delta R.T. -0.00 min

Lab File: BE090380.D

Acq: 6 Aug 2015 7:55

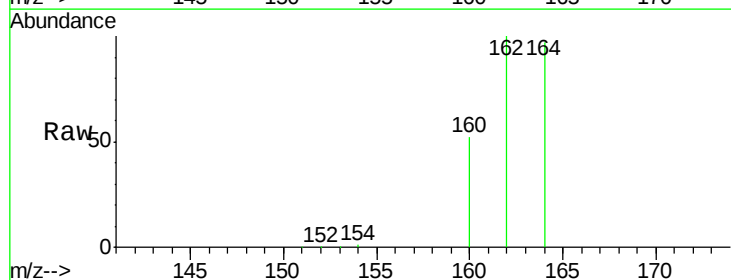
Tgt Ion: 164 Resp: 50647

Ion Ratio Lower Upper

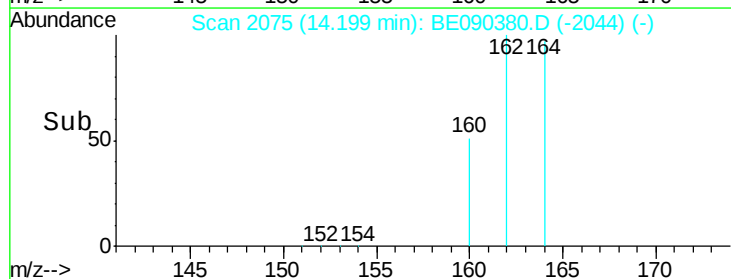
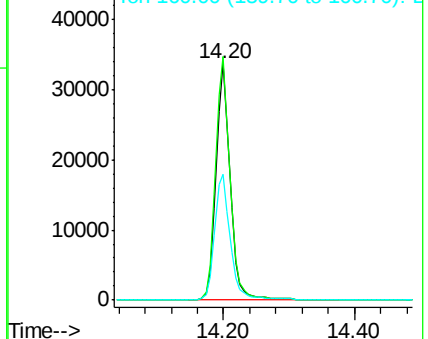
164 100

162 102.7 81.8 122.8

160 53.0 44.2 66.4



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

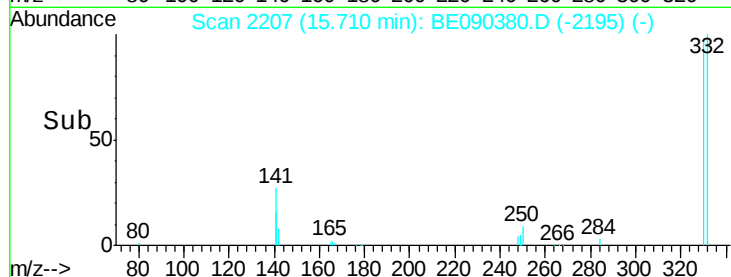
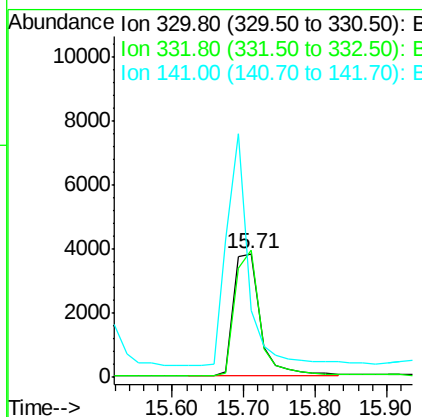
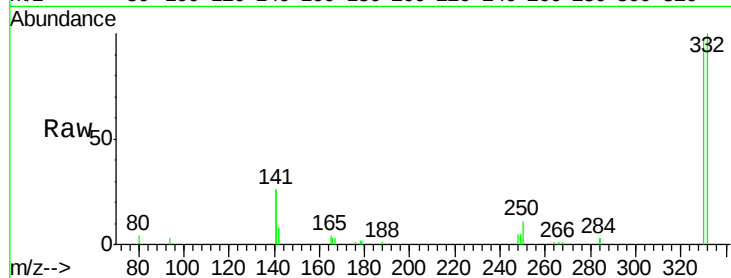




#13
 2,4,6-Tribromophenol
 Concen: 6.86 ng
 RT: 15.71 min Scan# 2207
 Delta R.T. 0.00 min
 Lab File: BE090380.D
 Acq: 6 Aug 2015 7:55

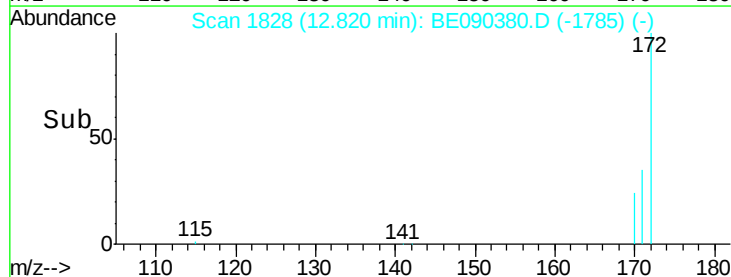
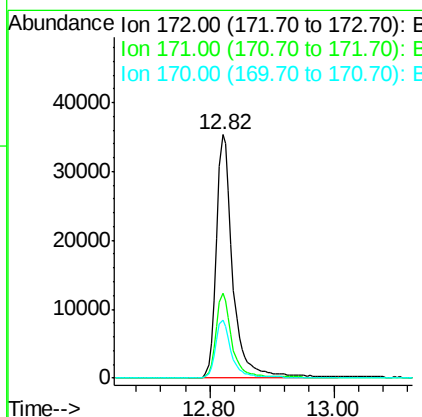
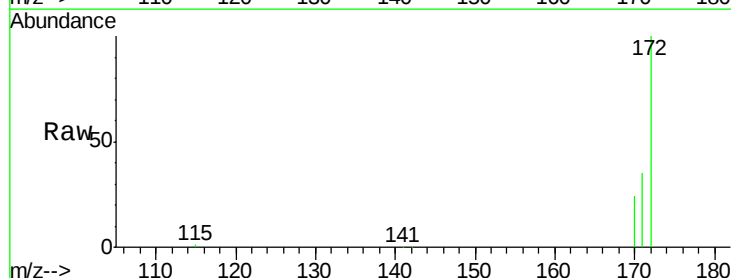
Instrument :
 BNA_E
 ClientSampleId :
 080315-D506-E-U-S

Tot Ion:330 Resp: 9906
 Ion Ratio Lower Upper
 330 100
 332 96.8 75.8 113.6
 141 153.2 114.4 171.6



#14
 2-Fluorobiphenyl
 Concen: 4.68 ng
 RT: 12.82 min Scan# 1828
 Delta R.T. -0.00 min
 Lab File: BE090380.D
 Acq: 6 Aug 2015 7:55

Tgt Ion:172 Resp: 65229
 Ion Ratio Lower Upper
 172 100
 171 34.6 28.5 42.7
 170 24.0 19.8 29.8





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.95 min Scan# 2278

Delta R.T. 0.00 min

Lab File: BE090380.D

Acq: 6 Aug 2015 7:55

Instrument :

BNA_E

ClientSampleId :

080315-D506-E-U-S

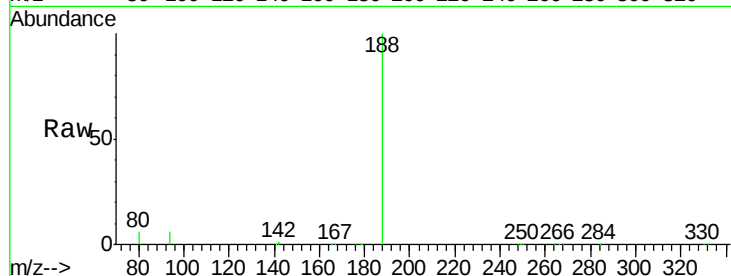
Tot Ion:188 Resp: 120817

Ion Ratio Lower Upper

188 100

94 5.5 5.7 8.5#

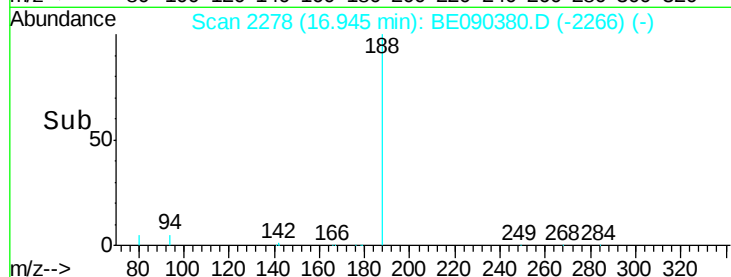
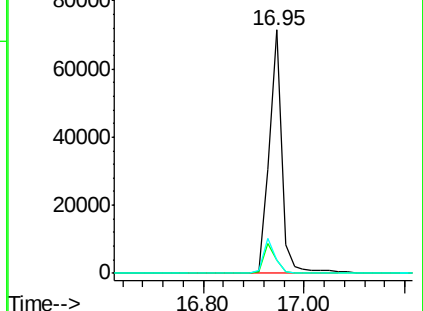
80 5.5 5.8 8.8#



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



#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.10 min Scan# 2866

Delta R.T. -0.00 min

Lab File: BE090380.D

Acq: 6 Aug 2015 7:55

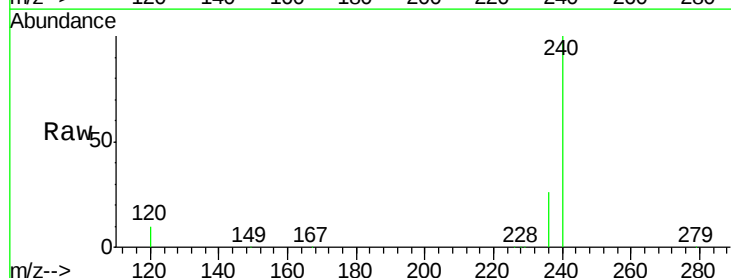
Tgt Ion:240 Resp: 146523

Ion Ratio Lower Upper

240 100

120 9.7 8.3 12.5

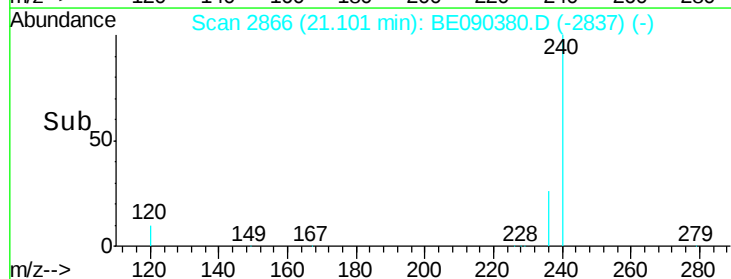
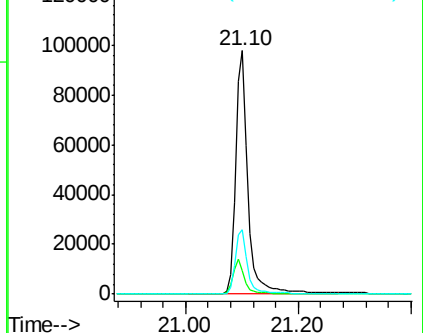
236 26.2 21.0 31.4



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





#27

Terphenyl-d14

Concen: 5.76 ng

RT: 19.56 min Scan# 2615

Delta R.T. -0.01 min

Lab File: BE090380.D

Acq: 6 Aug 2015 7:55

Instrument :

BNA_E

ClientSampleId :

080315-D506-E-U-S

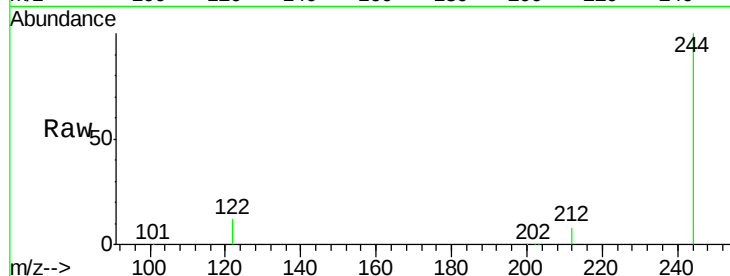
Tot Ion:244 Resp: 124284

Ion Ratio Lower Upper

244 100

212 7.9 6.6 9.8

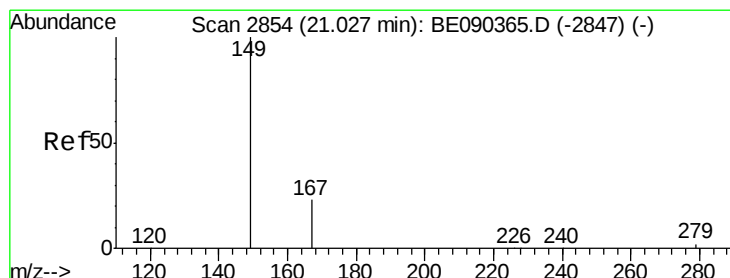
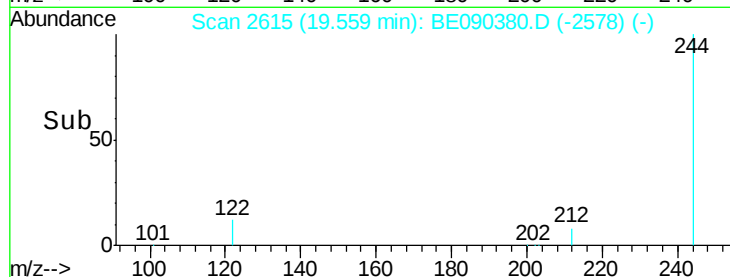
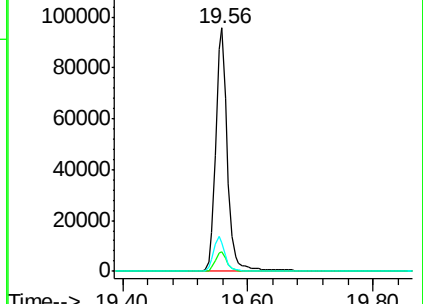
122 11.8 10.2 15.4



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



#30

Bis(2-ethylhexyl)phthalate

Concen: 0.34 ng

RT: 21.03 min Scan# 2855

Delta R.T. 0.00 min

Lab File: BE090380.D

Acq: 6 Aug 2015 7:55

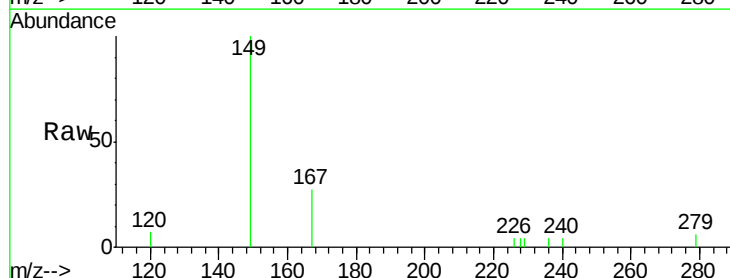
Tgt Ion:149 Resp: 1797

Ion Ratio Lower Upper

149 100

167 24.2 19.8 29.8

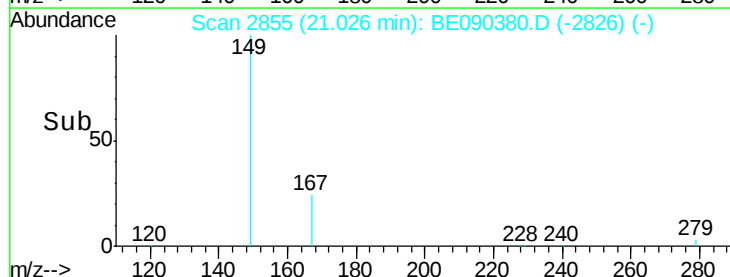
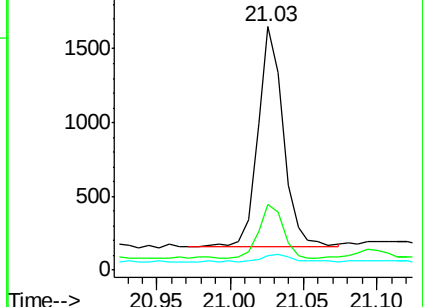
279 4.6 2.4 3.6#

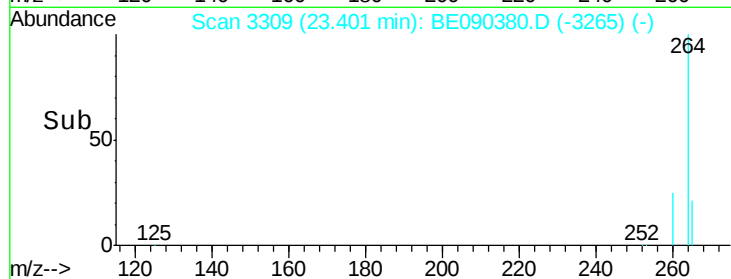


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#32

Pervlene-d12

Concen: 5.00 ng

RT: 23.40 min Scan# 3309

Delta R.T. -0.00 min

Lab File: BE090380.D

Acq: 6 Aug 2015 7:55

Instrument :

BNA_E

ClientSampleId :

080315-D506-E-U-S

Tot Ion:264 Resp: 132578

Ion Ratio Lower Upper

264 100

260 25.2 20.1 30.1

265 21.6 17.2 25.8

