

Data Path : Z:\HPCHEM1\BNA E\DATA\BE080515\
 Data File : BE090381.D
 Acq On : 6 Aug 2015 8:31
 Operator : TP/UM
 Sample : G3180-09
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 080415-D506-E-D-B

Quant Time: Aug 06 13:43:15 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

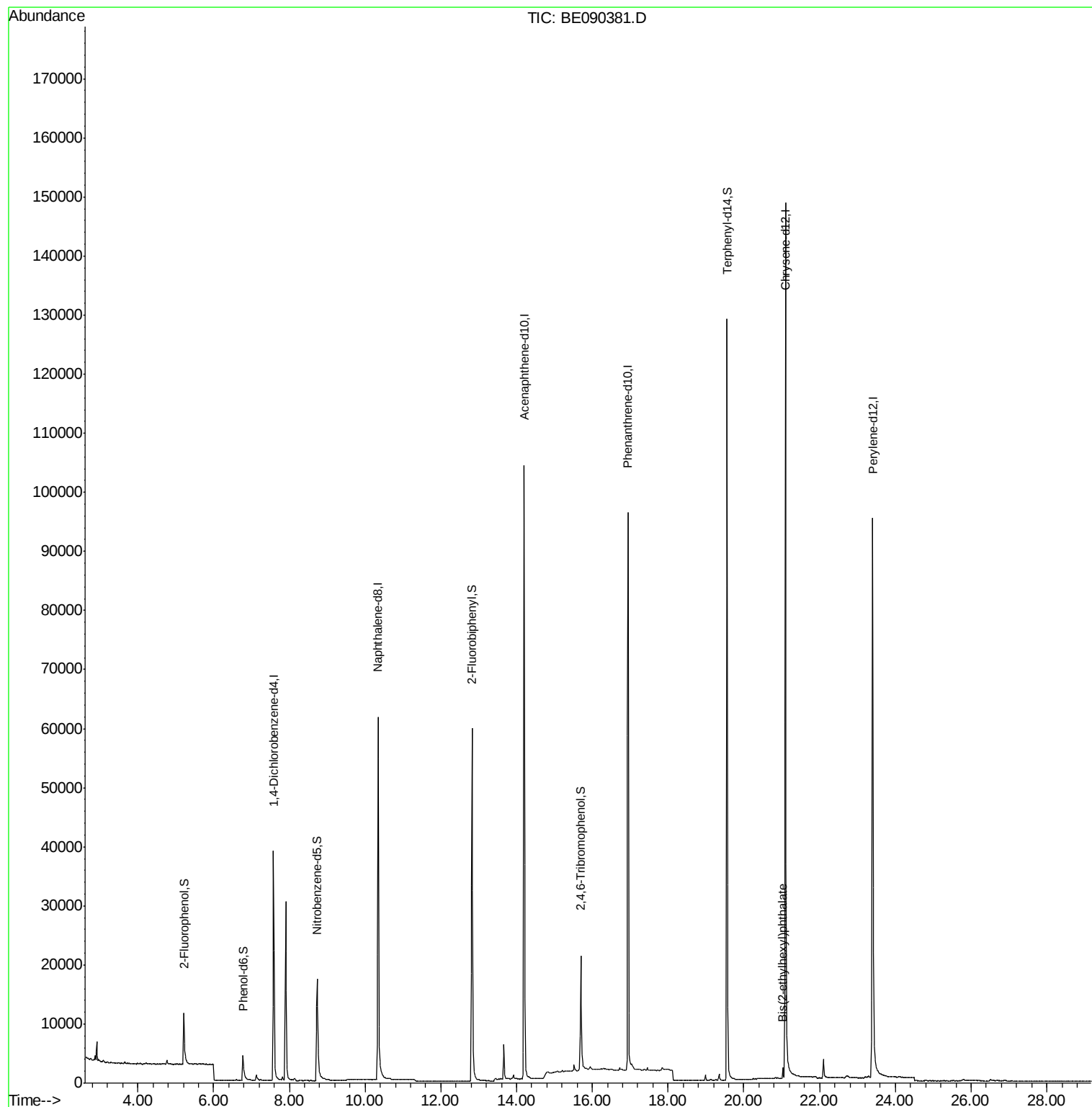
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	21325	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	96329	5.00	ng	0.00
12) Acenaphthene-d10	14.20	164	67625	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	139867	5.00	ng	0.00
25) Chrysene-d12	21.10	240	159206	5.00	ng	0.00
32) Perylene-d12	23.40	264	144855	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	8762	2.37	ng	0.00
5) Phenol-d6	6.77	99	7812	1.34	ng	0.00
7) Nitrobenzene-d5	8.73	82	25087	3.27	ng	0.00
13) 2,4,6-Tribromophenol	15.69	330	10272	5.75	ng	-0.02
14) 2-Fluorobiphenyl	12.82	172	68071	3.66	ng	0.00
27) Terphenyl-d14	19.55	244	137338	5.86	ng	-0.01
Target Compounds						
30) Bis(2-ethylhexyl)phthalate	21.03	149	1710	0.31	ng	Qvalue 96

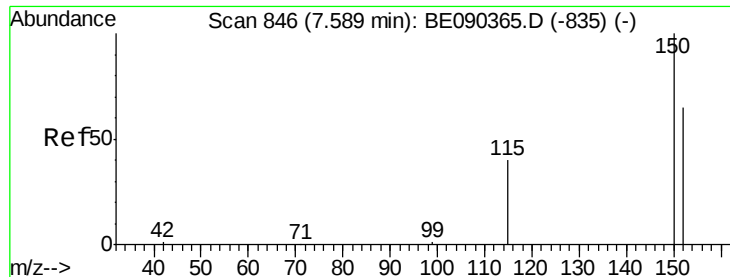
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE090381.D

Acq: 6 Aug 2015 8:31

Instrument :

BNA_E

ClientSampleId :

080415-D506-E-D-B

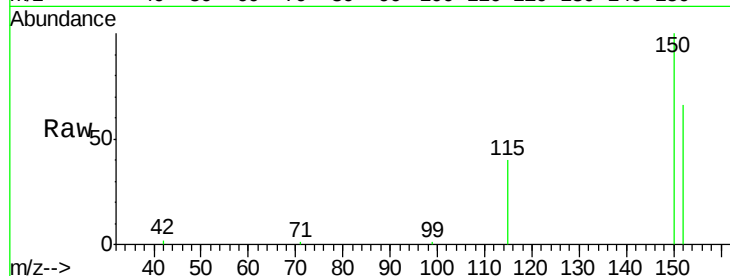
Tot Ion:152 Resp: 21325

Ion Ratio Lower Upper

152 100

150 151.2 123.0 184.4

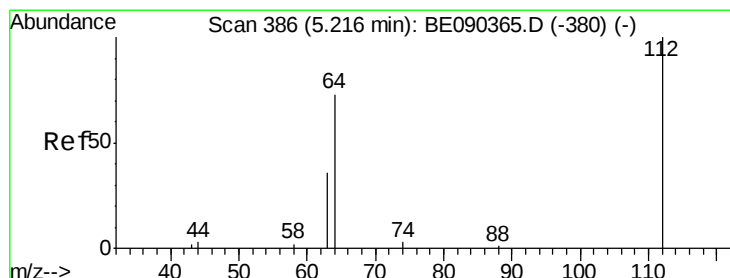
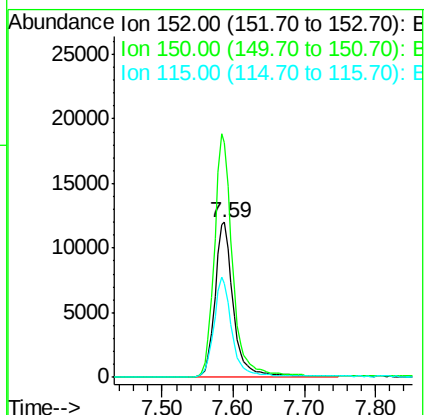
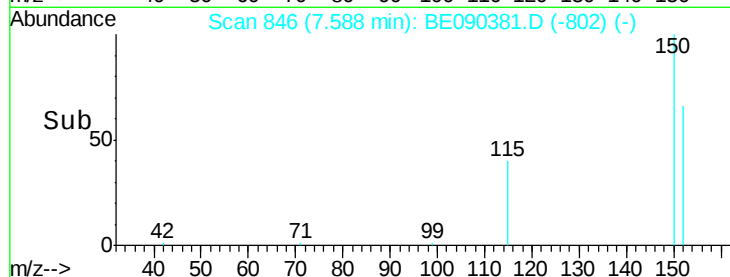
115 60.4 48.9 73.3



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: 2.37 ng

RT: 5.22 min Scan# 386

Delta R.T. 0.00 min

Lab File: BE090381.D

Acq: 6 Aug 2015 8:31

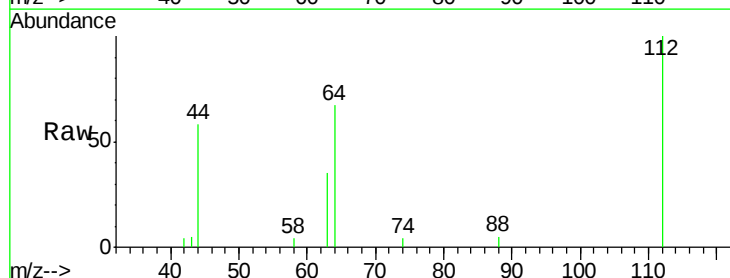
Tgt Ion:112 Resp: 8762

Ion Ratio Lower Upper

112 100

64 71.3 37.1 55.7#

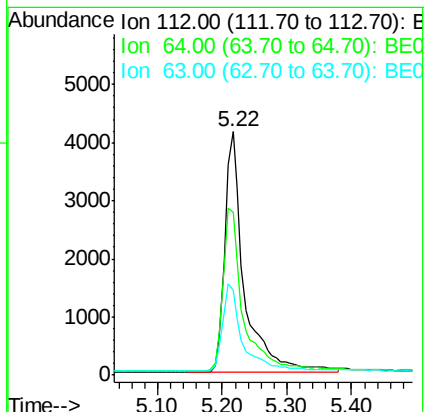
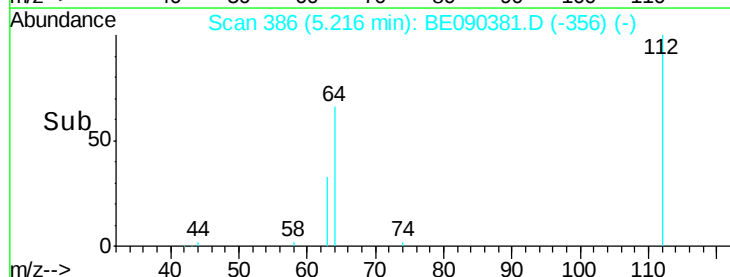
63 37.9 19.5 29.3#

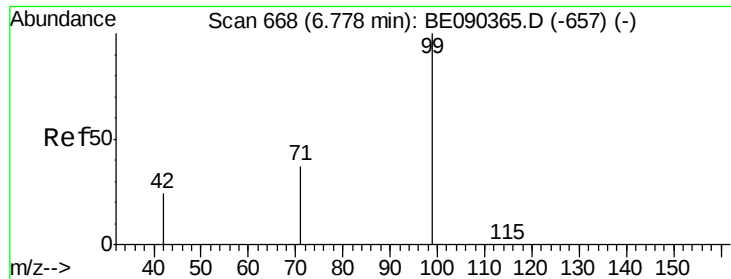


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 1.34 ng

RT: 6.77 min Scan# 667

Delta R.T. -0.01 min

Lab File: BE090381.D

Acq: 6 Aug 2015 8:31

Instrument :

BNA_E

ClientSampleId :

080415-D506-E-D-B

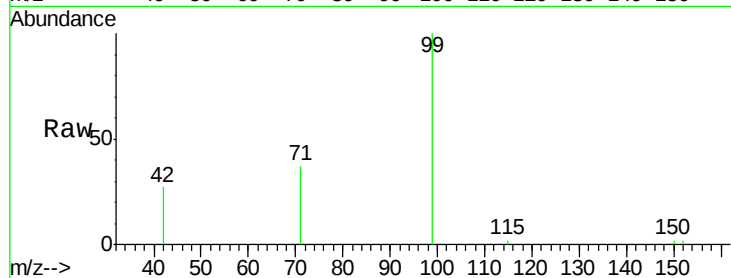
Tot Ion: 99 Resp: 7812

Ion Ratio Lower Upper

99 100

42 23.0 18.2 27.4

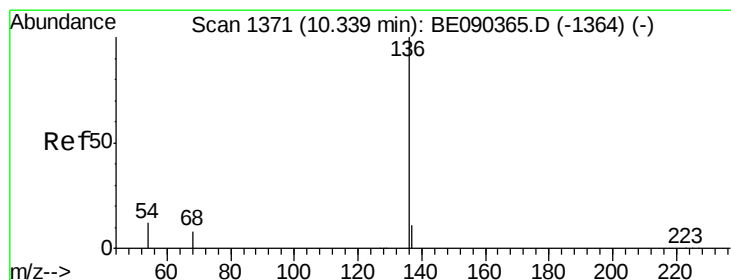
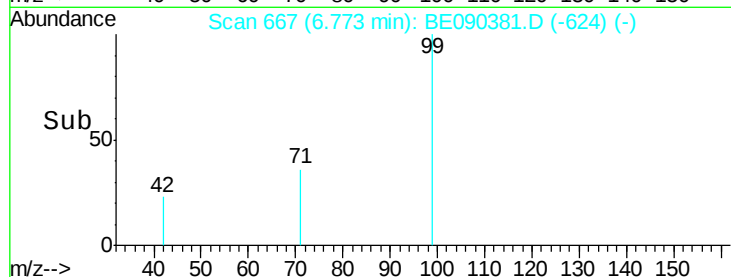
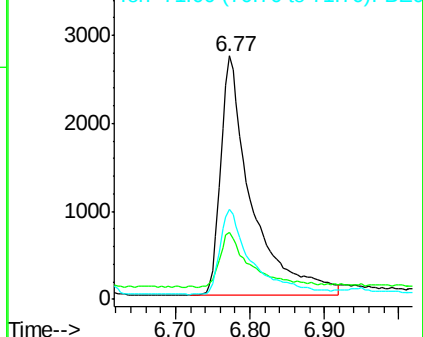
71 37.0 27.4 41.0



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: BE090381.D

Acq: 6 Aug 2015 8:31

Tgt Ion: 136 Resp: 96329

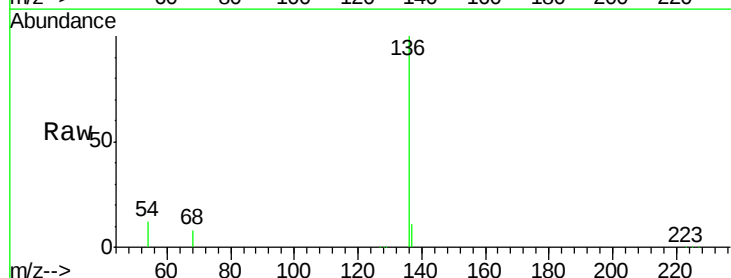
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 11.6 9.4 14.0

68 8.4 6.5 9.7

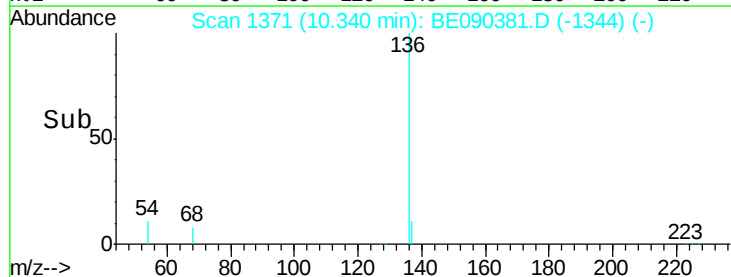
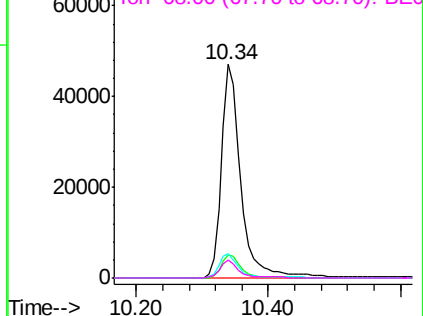


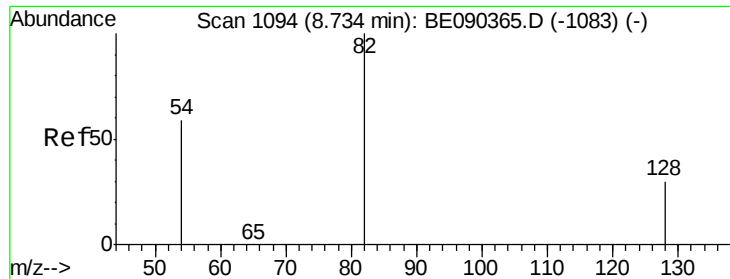
Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.27 ng

RT: 8.73 min Scan# 1093

Delta R.T. -0.00 min

Lab File: BE090381.D

Acq: 6 Aug 2015 8:31

Instrument :

BNA_E

ClientSampleId :

080415-D506-E-D-B

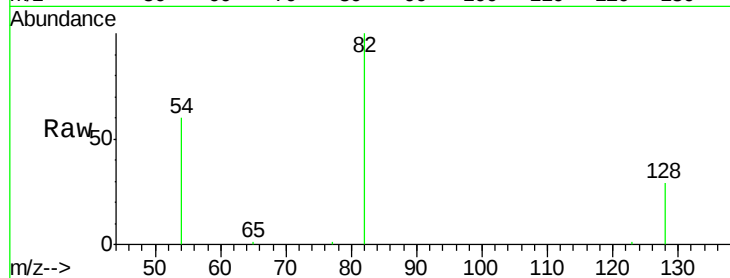
Tot Ion: 82 Resp: 25087

Ion Ratio Lower Upper

82 100

128 29.3 25.0 37.6

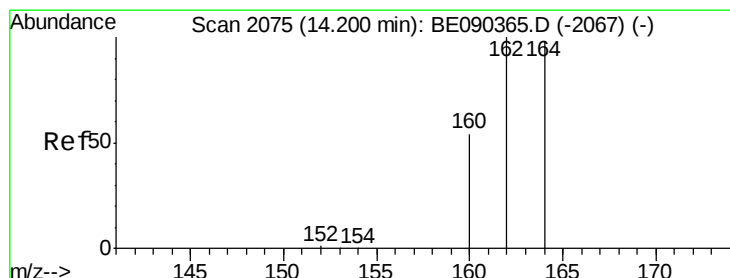
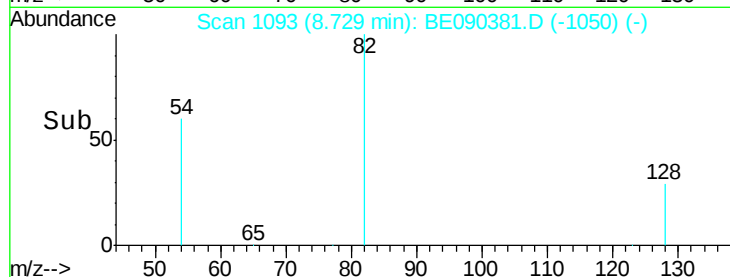
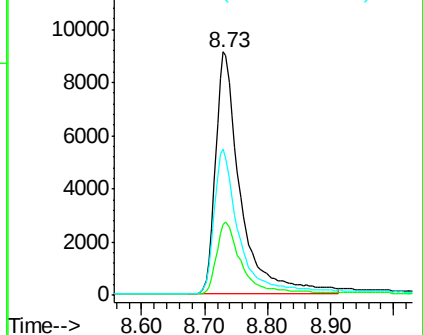
54 60.0 48.8 73.2



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: BE090381.D

Acq: 6 Aug 2015 8:31

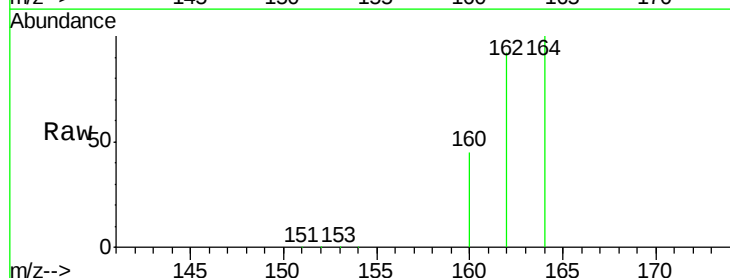
Tgt Ion: 164 Resp: 67625

Ion Ratio Lower Upper

164 100

162 91.8 81.8 122.8

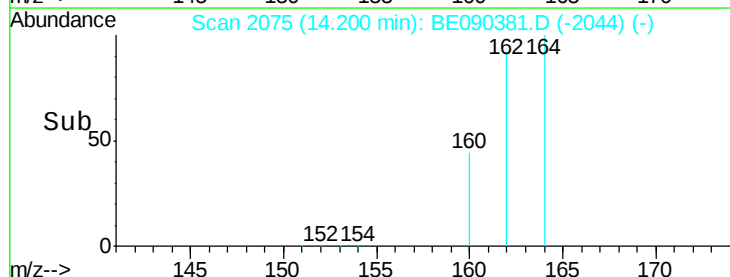
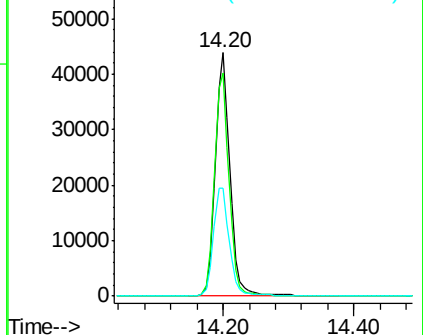
160 44.5 44.2 66.4

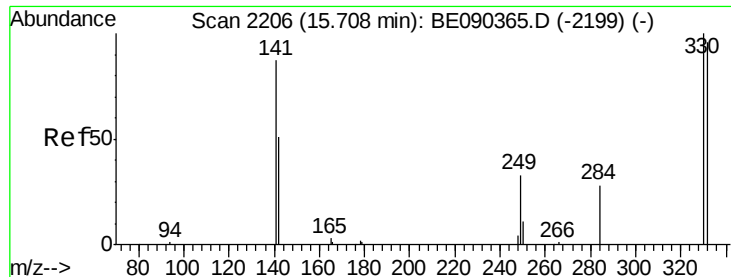


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

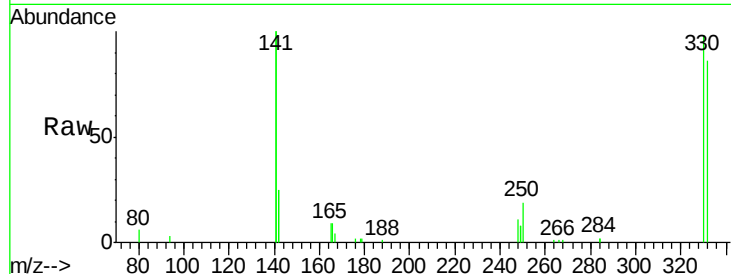




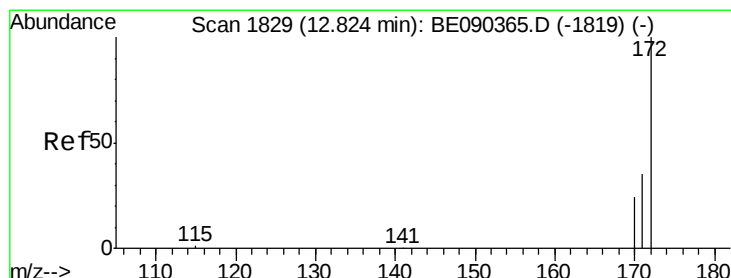
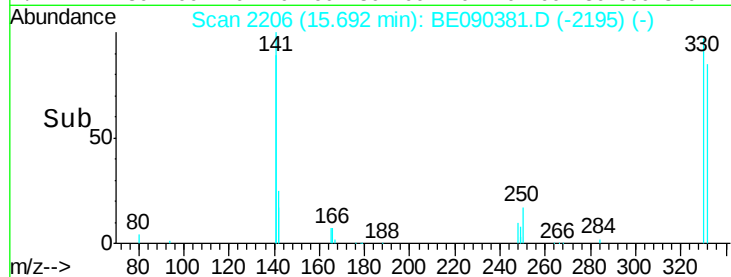
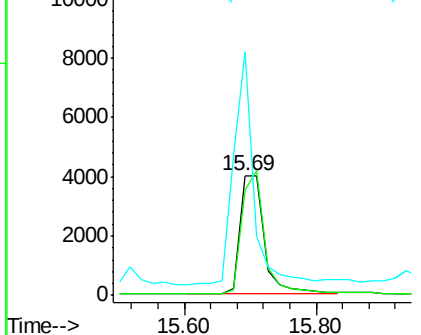
#13
 2,4,6-Tribromophenol
 Concen: 5.75 ng
 RT: 15.69 min Scan# 2206
 Delta R.T. -0.02 min
 Lab File: BE090381.D
 Acq: 6 Aug 2015 8:31

Instrument :
 BNA_E
 ClientSampleId :
 080415-D506-E-D-B

Tot Ion:330 Resp: 10272
 Ion Ratio Lower Upper
 330 100
 332 96.6 75.8 113.6
 141 160.7 114.4 171.6

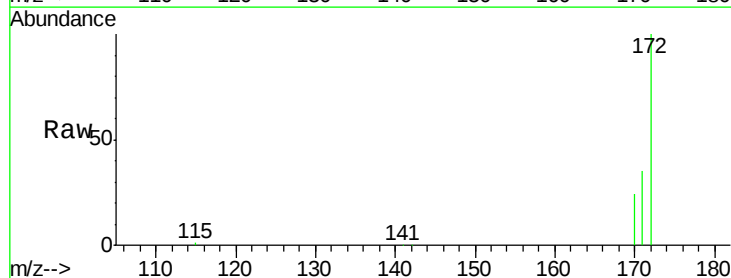


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

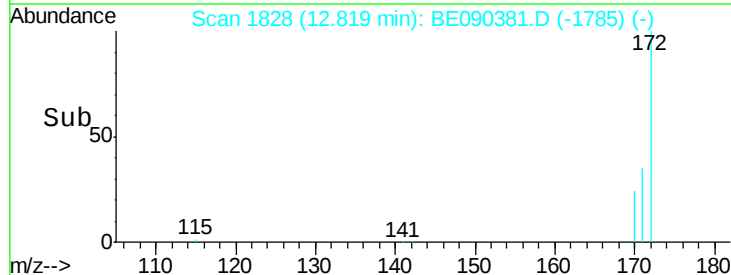
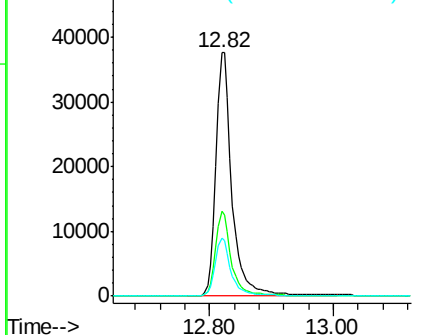


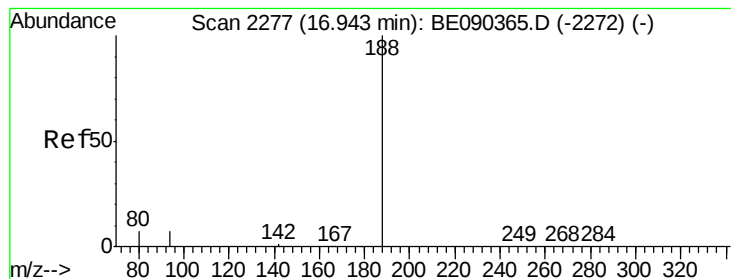
#14
 2-Fluorobiphenyl
 Concen: 3.66 ng
 RT: 12.82 min Scan# 1828
 Delta R.T. -0.00 min
 Lab File: BE090381.D
 Acq: 6 Aug 2015 8:31

Tgt Ion:172 Resp: 68071
 Ion Ratio Lower Upper
 172 100
 171 34.6 28.5 42.7
 170 23.7 19.8 29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.94 min Scan# 2278

Delta R.T. 0.00 min

Lab File: BE090381.D

Acq: 6 Aug 2015 8:31

Instrument :

BNA_E

ClientSampleId :

080415-D506-E-D-B

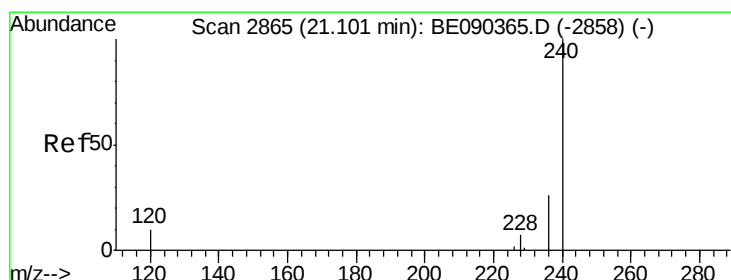
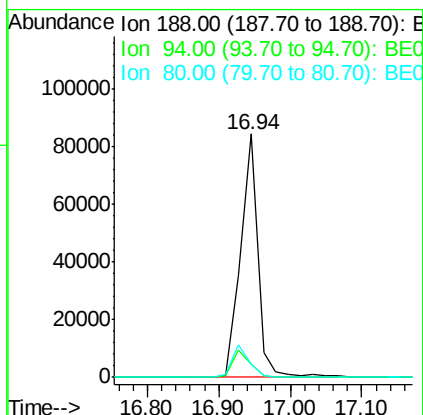
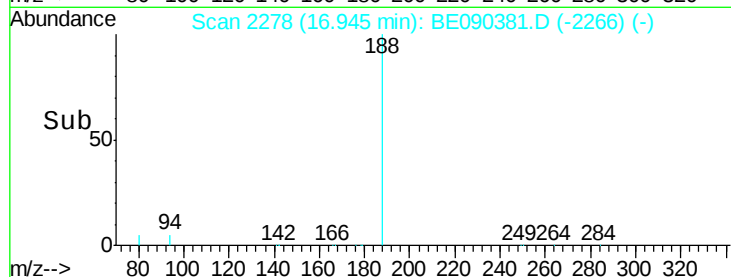
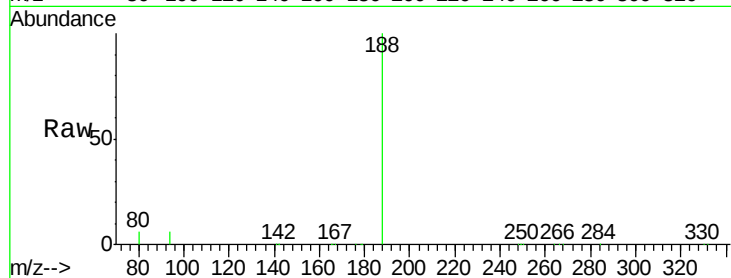
Tot Ion:188 Resp: 139867

Ion Ratio Lower Upper

188 100

94 5.5 5.7 8.5#

80 5.6 5.8 8.8#



#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.10 min Scan# 2865

Delta R.T. -0.00 min

Lab File: BE090381.D

Acq: 6 Aug 2015 8:31

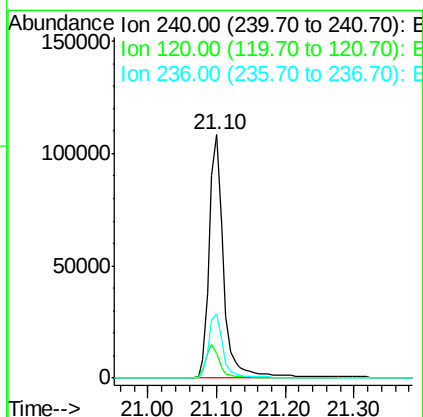
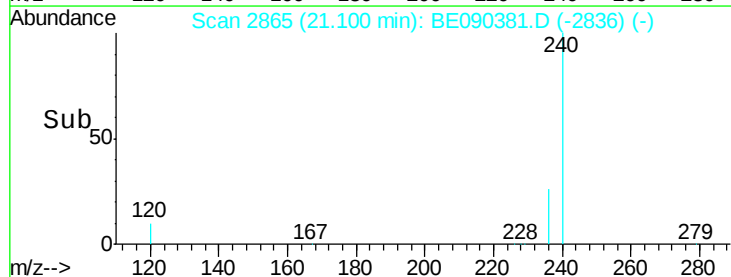
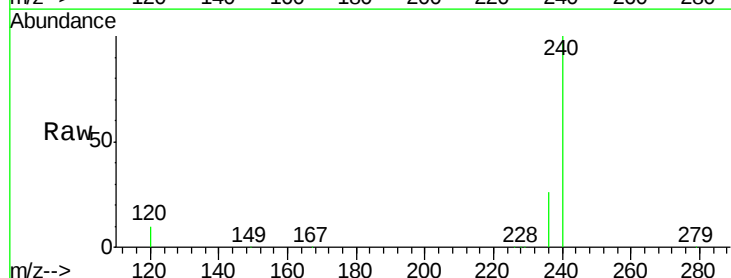
Tgt Ion:240 Resp: 159206

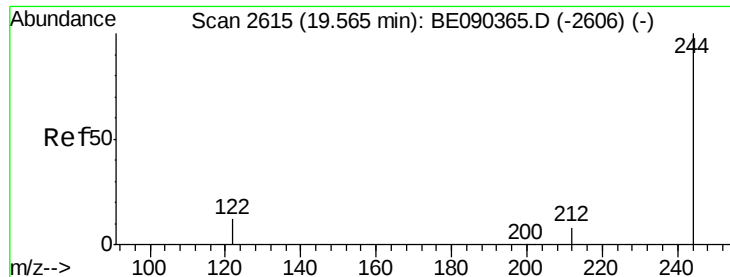
Ion Ratio Lower Upper

240 100

120 9.9 8.3 12.5

236 26.4 21.0 31.4





#27

Terphenyl-d14

Concen: 5.86 ng

RT: 19.55 min Scan# 2614

Delta R.T. -0.01 min

Lab File: BE090381.D

Acq: 6 Aug 2015 8:31

Instrument :

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ClientSampleId :

080415-D506-E-D-B

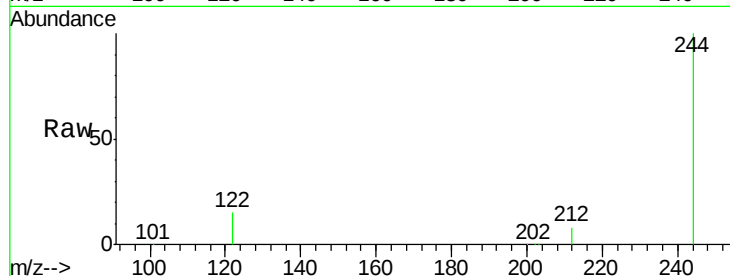
Tot Ion:244 Resp: 137338

Ion Ratio Lower Upper

244 100

212 8.3 6.6 9.8

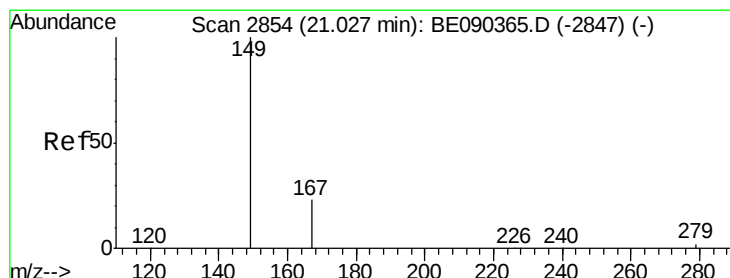
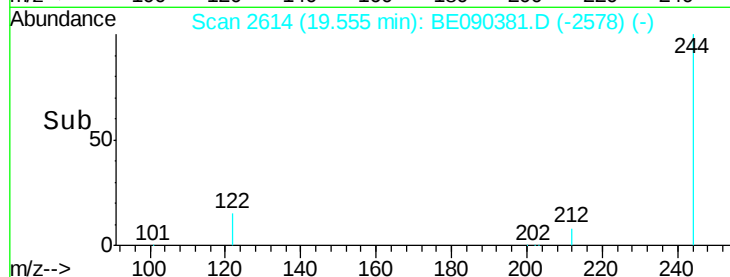
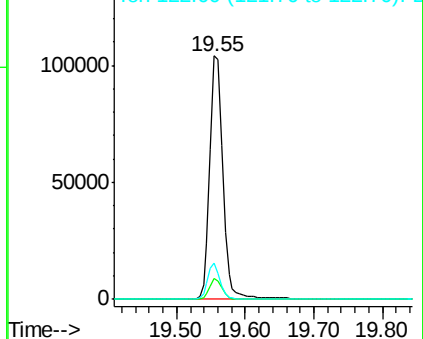
122 14.9 10.2 15.4



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: 0.31 ng

RT: 21.03 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BE090381.D

Acq: 6 Aug 2015 8:31

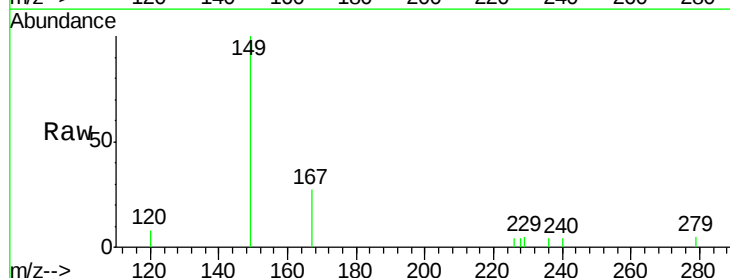
Tgt Ion:149 Resp: 1710

Ion Ratio Lower Upper

149 100

167 27.1 19.8 29.8

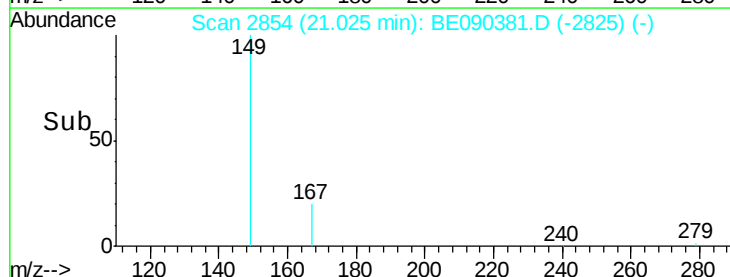
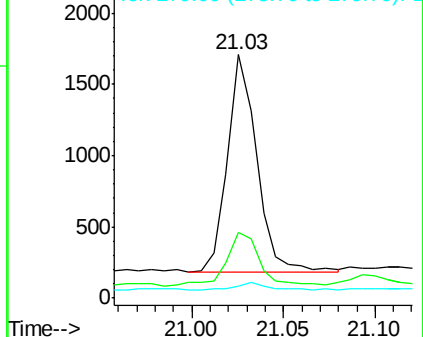
279 3.3 2.4 3.6

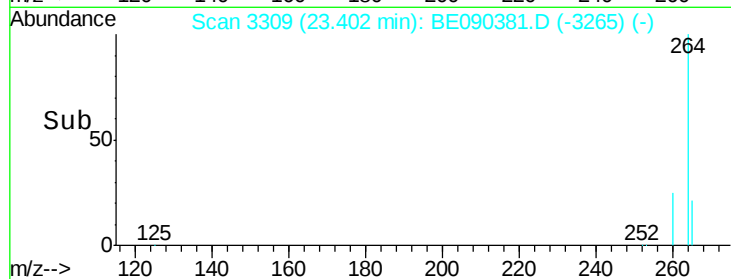
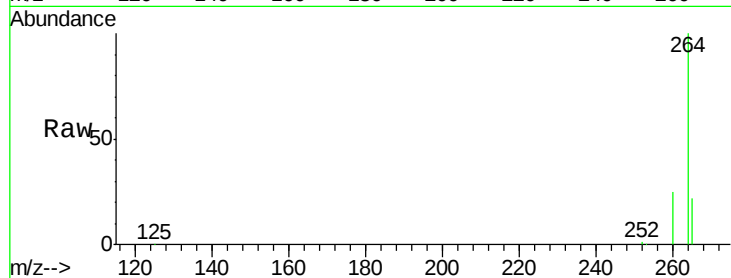
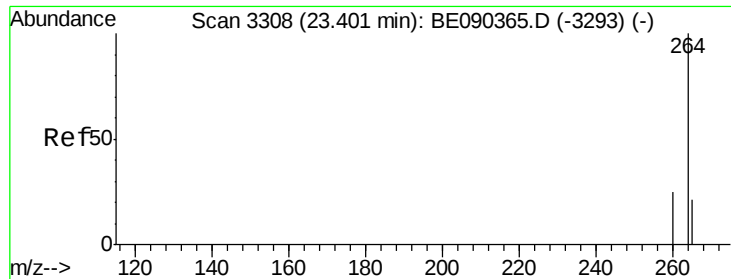


Abundance Ion 149.00 (148.70 to 149.70): E

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: BE090381.D

Acq: 6 Aug 2015 8:31

Instrument :

BNA_E

ClientSampleId :

080415-D506-E-D-B

Tot Ion: 264 Resp: 144855

Ion Ratio Lower Upper

264 100

260 24.8 20.1 30.1

265 21.9 17.2 25.8

