

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090815\
 Data File : BE090754.D
 Acq On : 8 Sep 2015 18:39
 Operator : UM/IZ
 Sample : G3586-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 090415-D534-E-U-S

Quant Time: Sep 08 23:20:31 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 08 23:05:35 2015
 Response via : Initial Calibration

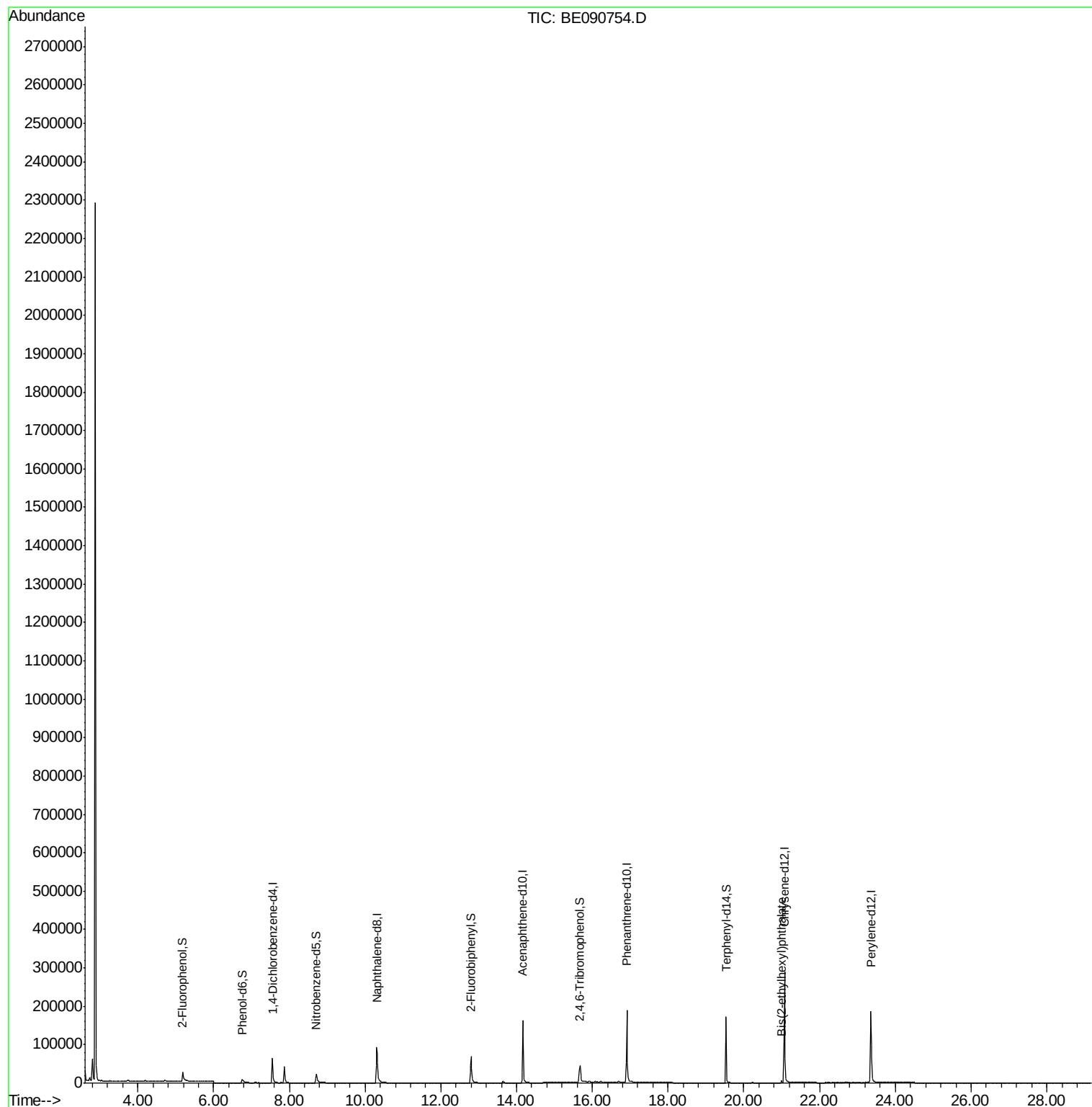
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	38683	5.00	ng	0.00
6) Naphthalene-d8	10.31	136	176762	5.00	ng	0.00
12) Acenaphthene-d10	14.17	164	100159	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	249275	5.00	ng	0.00
25) Chrysene-d12	21.07	240	293175	5.00	ng	0.00
32) Perylene-d12	23.36	264	261071	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	26413	3.51	ng	0.00
5) Phenol-d6	6.75	99	22736	2.11	ng	0.00
7) Nitrobenzene-d5	8.71	82	42625	3.65	ng	0.01
13) 2,4,6-Tribromophenol	15.67	330	24669	8.38	ng	0.00
14) 2-Fluorobiphenyl	12.80	172	103747	3.74	ng	0.00
27) Terphenyl-d14	19.53	244	181070	5.58	ng	0.00
Target Compounds						
30) Bis(2-ethylhexyl)phthalate	21.00	149	5634	0.39	ng	Qvalue 97

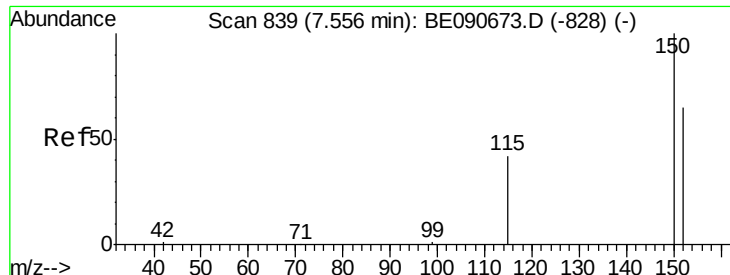
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.55 min Scan# 838

Delta R.T. -0.00 min

Lab File: BE090754.D

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090415-D534-E-U-S

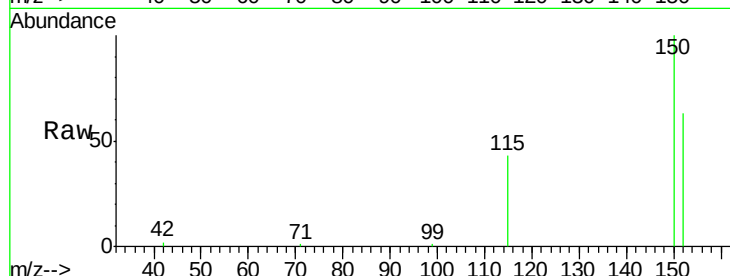
Tgt Ion:152 Resp: 38683

Ion Ratio Lower Upper

152 100

150 158.6 122.2 183.4

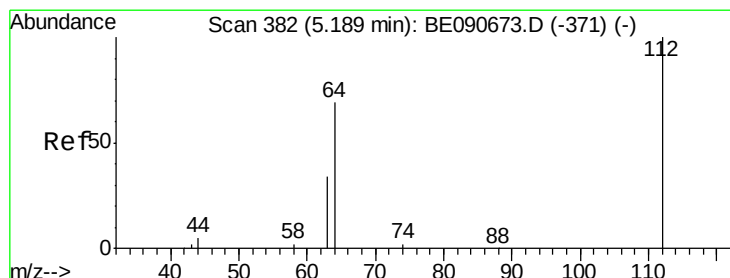
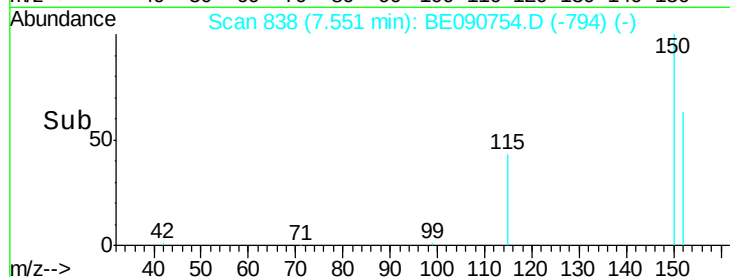
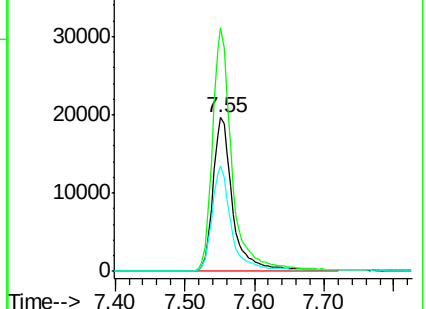
115 68.4 51.0 76.4



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: 3.51 ng

RT: 5.18 min Scan# 381

Delta R.T. -0.01 min

Lab File: BE090754.D

Acq: 8 Sep 2015 18:39

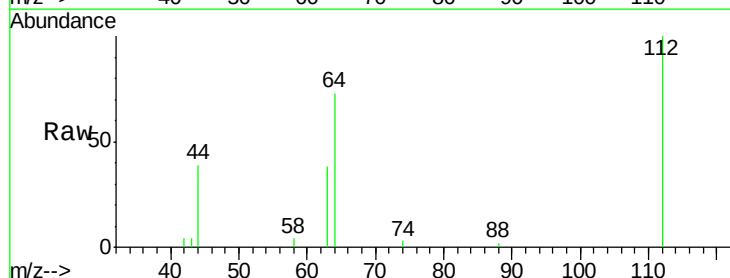
Tgt Ion:112 Resp: 26413

Ion Ratio Lower Upper

112 100

64 72.1 57.3 85.9

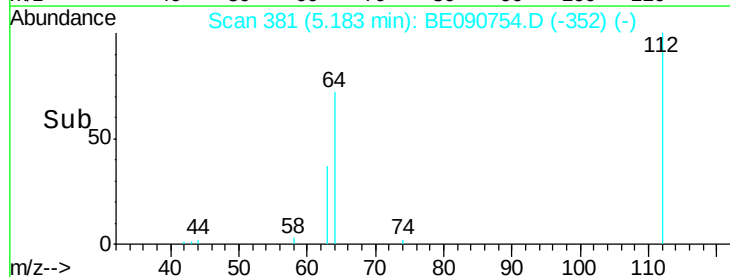
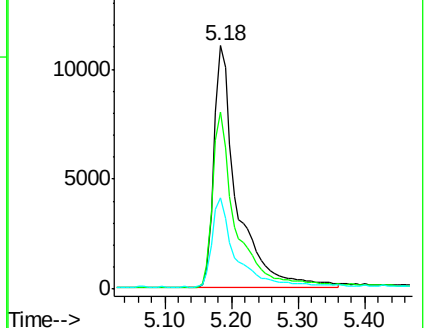
63 37.2 29.2 43.8

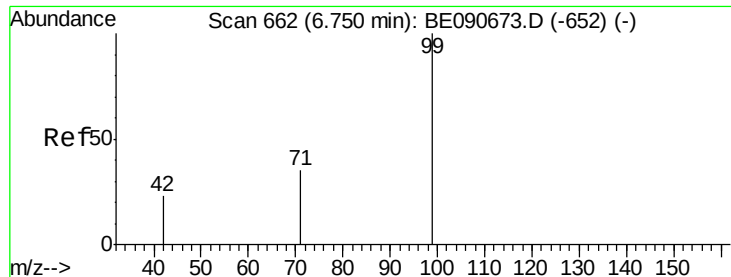


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 2.11 ng

RT: 6.75 min Scan# 662

Delta R.T. -0.00 min

Lab File: BE090754.D

Acq: 8 Sep 2015 18:39

Instrument :

BNA_E

ClientSampleId :

090415-D534-E-U-S

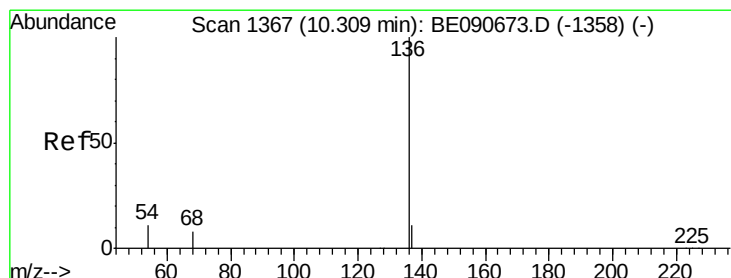
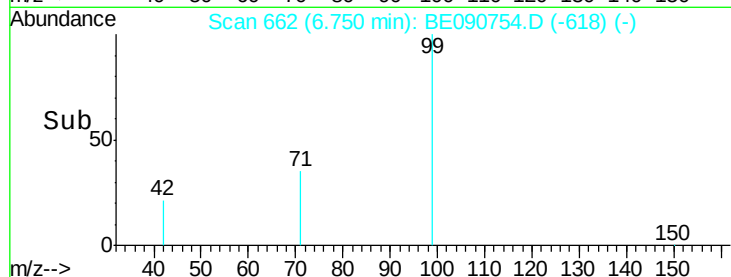
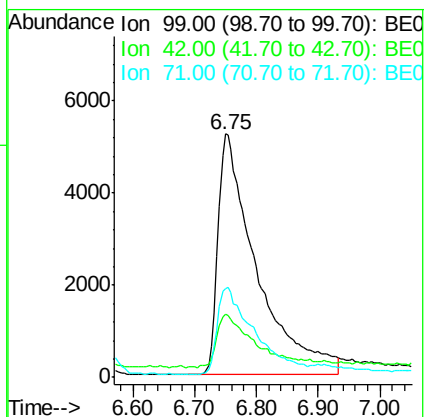
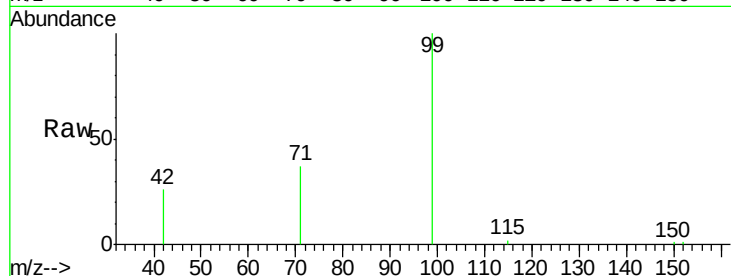
Tgt Ion: 99 Resp: 22736

Ion Ratio Lower Upper

99 100

42 21.9 16.8 25.2

71 34.7 28.3 42.5



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.31 min Scan# 1367

Delta R.T. 0.01 min

Lab File: BE090754.D

Acq: 8 Sep 2015 18:39

Tgt Ion: 136 Resp: 176762

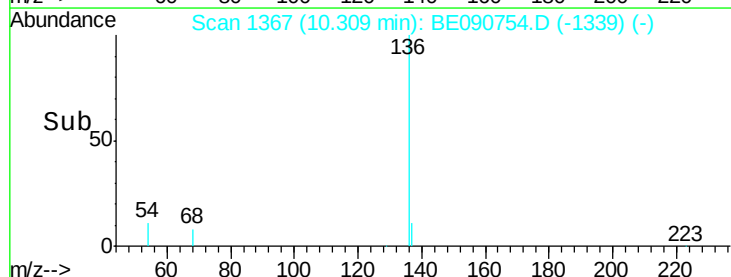
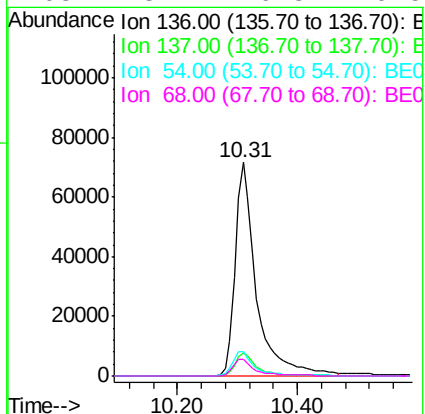
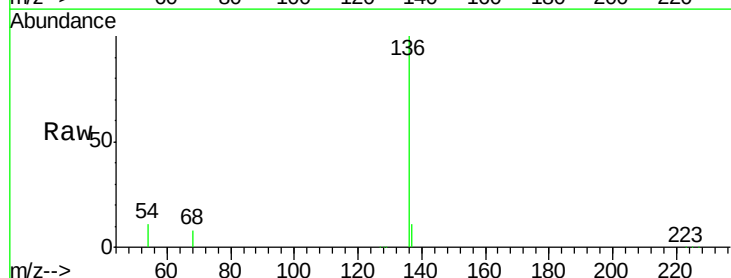
Ion Ratio Lower Upper

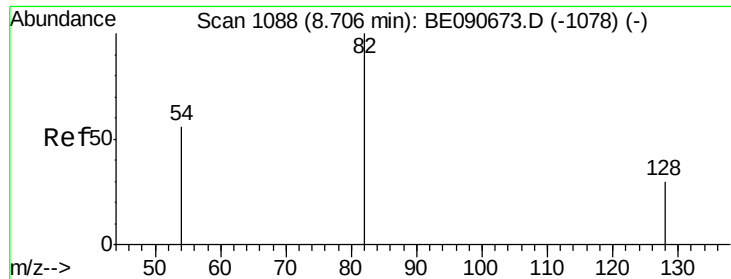
136 100

137 11.1 8.7 13.1

54 11.3 9.0 13.6

68 8.1 6.3 9.5





#7

Nitrobenzene-d5

Concen: 3.65 ng

RT: 8.71 min Scan# 1089

Delta R.T. 0.01 min

Lab File: BE090754.D

Acq: 8 Sep 2015 18:39

Instrument :

BNA_E

ClientSampleId :

090415-D534-E-U-S

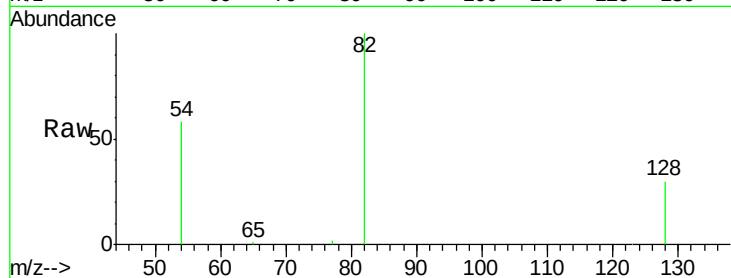
Tgt Ion: 82 Resp: 42625

Ion Ratio Lower Upper

82 100

128 30.1 25.0 37.4

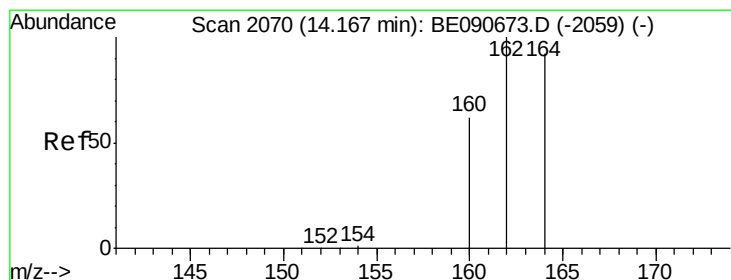
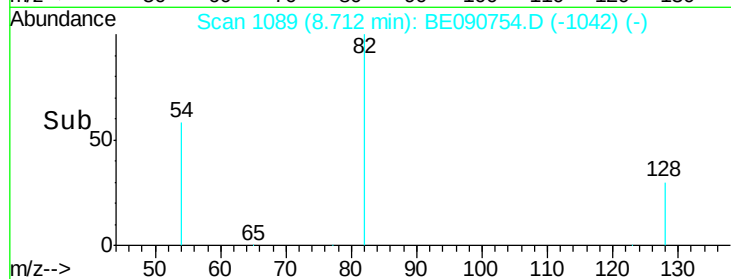
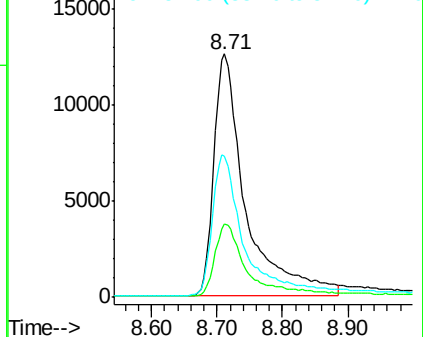
54 57.8 46.3 69.5



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: 14.17 min Scan# 2071

Delta R.T. 0.00 min

Lab File: BE090754.D

Acq: 8 Sep 2015 18:39

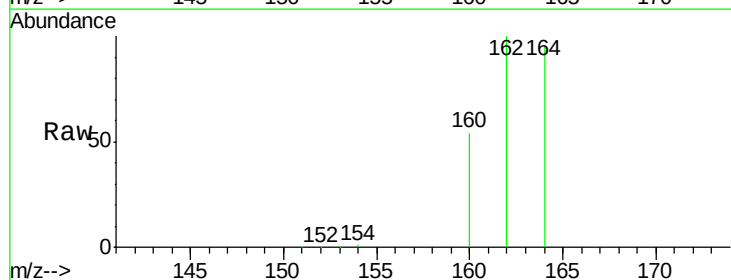
Tgt Ion: 164 Resp: 100159

Ion Ratio Lower Upper

164 100

162 104.0 86.8 130.2

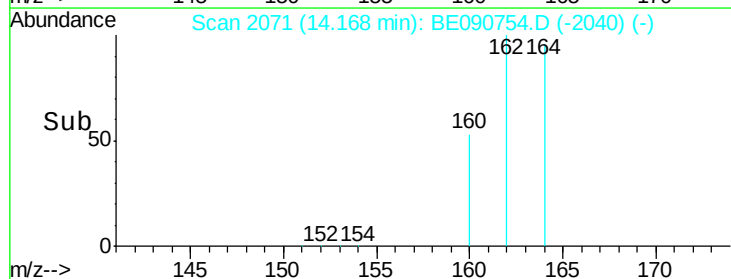
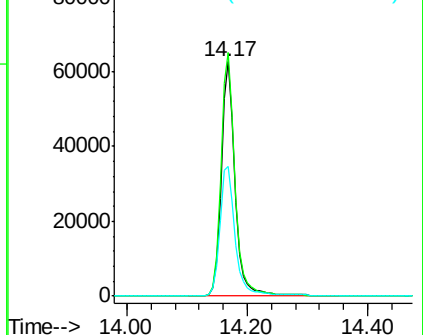
160 55.7 53.9 80.9

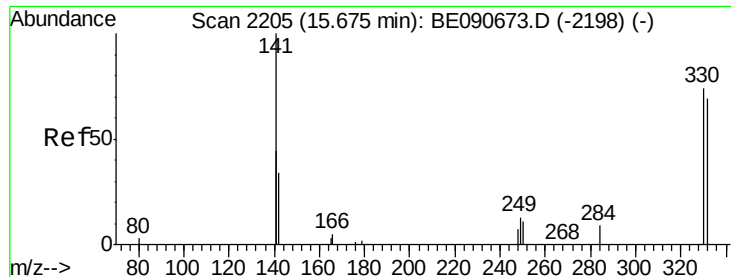


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#13

2,4,6-Tribromophenol

Concen: 8.38 ng

RT: 15.67 min Scan# 2205

Delta R.T. 0.00 min

Lab File: BE090754.D

Acq: 8 Sep 2015 18:39

Instrument :

BNA_E

ClientSampleId :

090415-D534-E-U-S

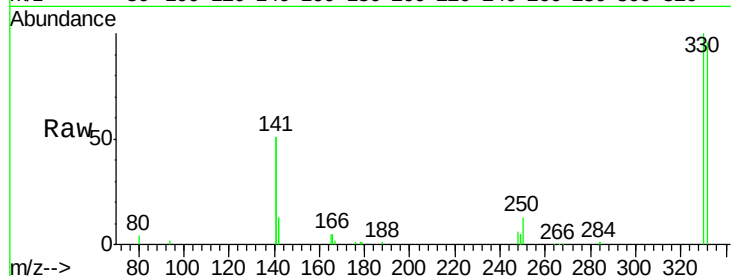
Tgt Ion:330 Resp: 24669

Ion Ratio Lower Upper

330 100

332 96.8 74.9 112.3

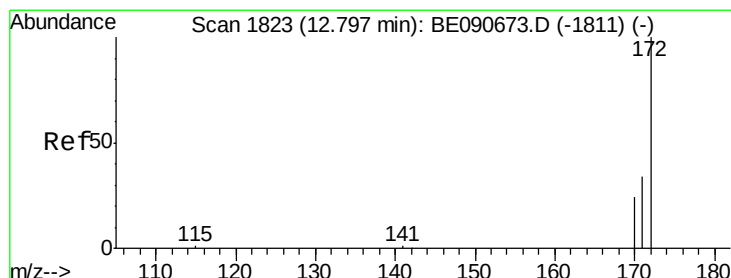
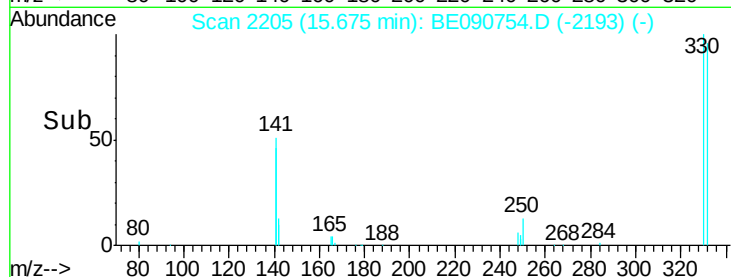
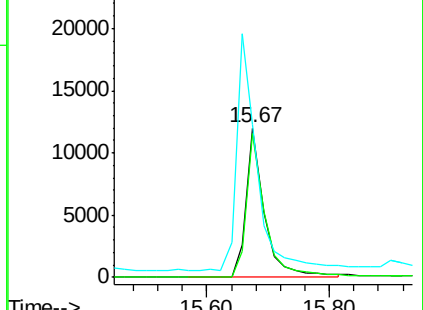
141 179.3 145.2 217.8



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: 3.74 ng

RT: 12.80 min Scan# 1823

Delta R.T. 0.00 min

Lab File: BE090754.D

Acq: 8 Sep 2015 18:39

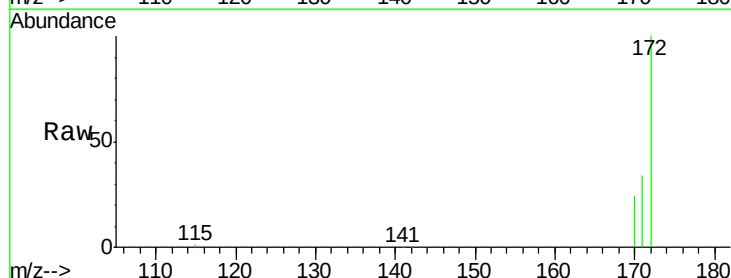
Tgt Ion:172 Resp: 103747

Ion Ratio Lower Upper

172 100

171 34.4 27.8 41.8

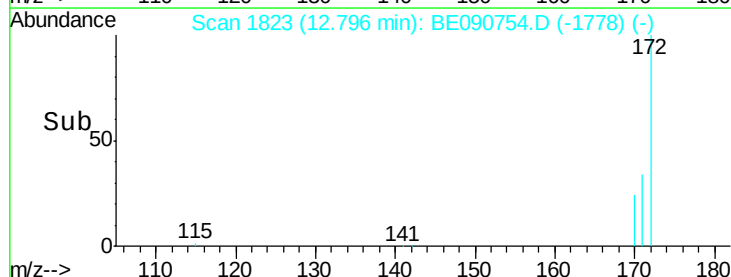
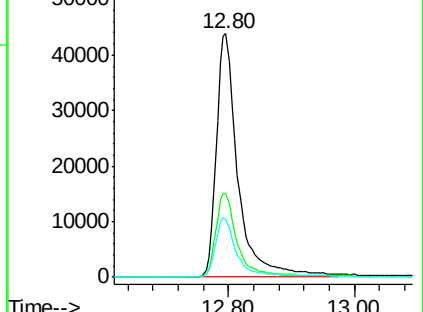
170 23.7 19.8 29.6

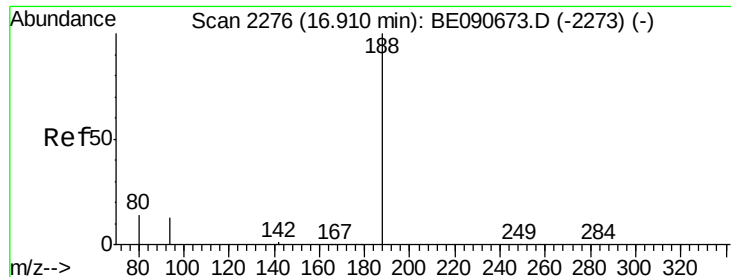


Abundance Ion 172.00 (171.70 to 172.70): E

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: 16.91 min Scan# 2276

Delta R.T. 0.00 min

Lab File: BE090754.D

Acq: 8 Sep 2015 18:39

Instrument :

BNA_E

ClientSampleId :

090415-D534-E-U-S

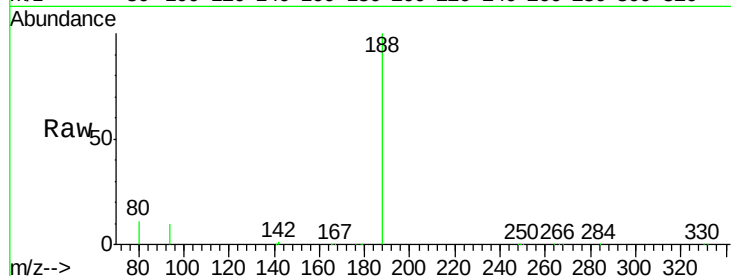
Tgt Ion:188 Resp: 249275

Ion Ratio Lower Upper

188 100

94 10.1 10.3 15.5#

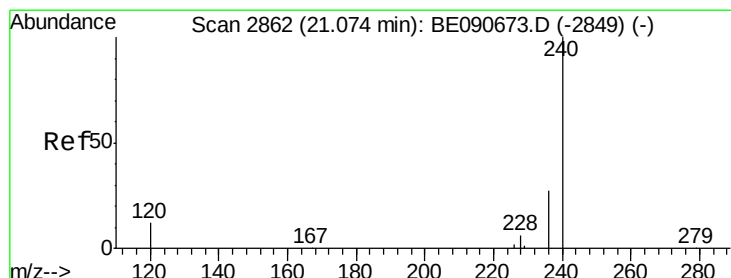
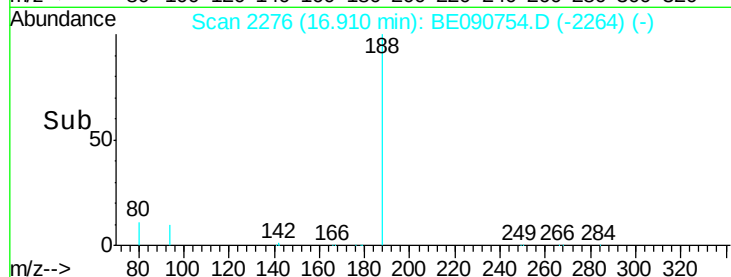
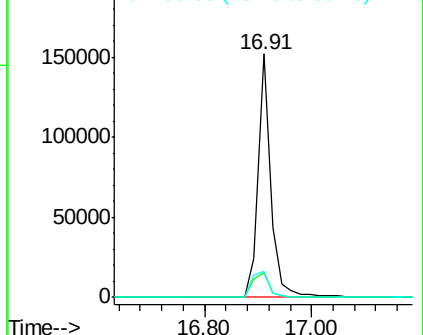
80 10.8 11.0 16.6#



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: 21.07 min Scan# 2861

Delta R.T. -0.00 min

Lab File: BE090754.D

Acq: 8 Sep 2015 18:39

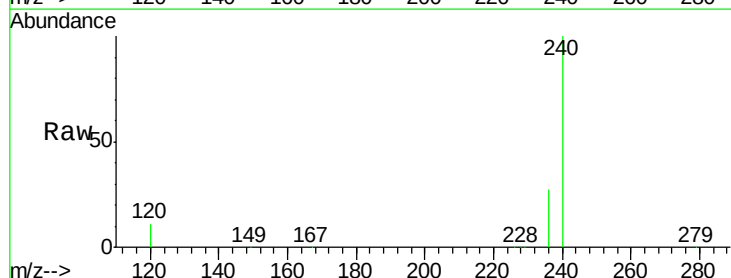
Tgt Ion:240 Resp: 293175

Ion Ratio Lower Upper

240 100

120 11.5 10.1 15.1

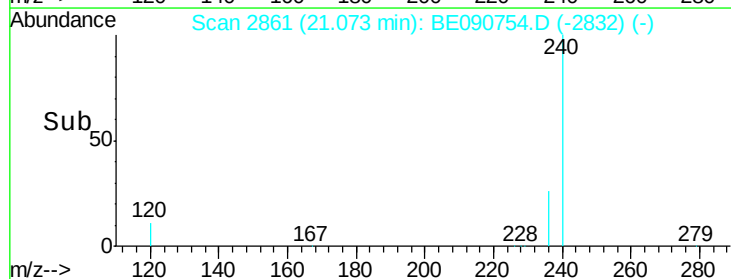
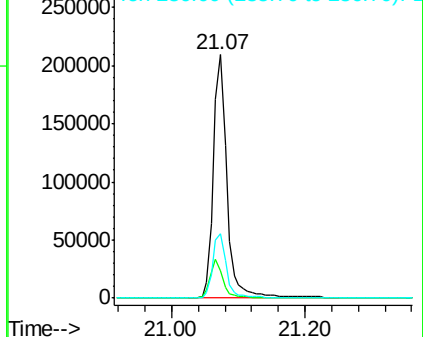
236 26.5 21.9 32.9

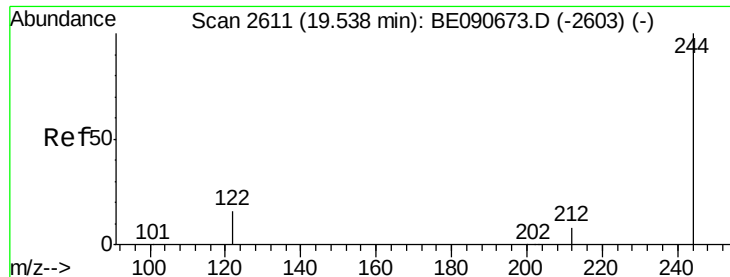


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Terphenyl-d14

Concen: 5.58 ng

RT: 19.53 min Scan# 2609

Delta R.T. -0.00 min

Lab File: BE090754.D

Acq: 8 Sep 2015 18:39

Instrument :

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090415-D534-E-U-S

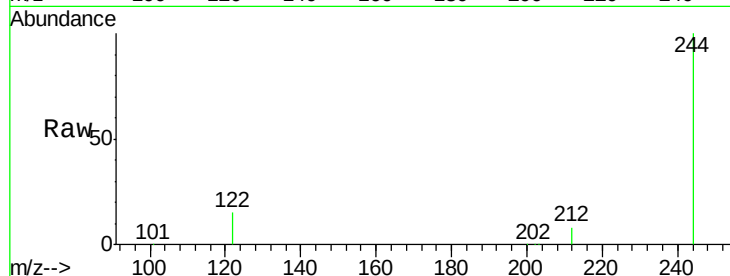
Tgt Ion:244 Resp: 181070

Ion Ratio Lower Upper

244 100

212 8.3 6.9 10.3

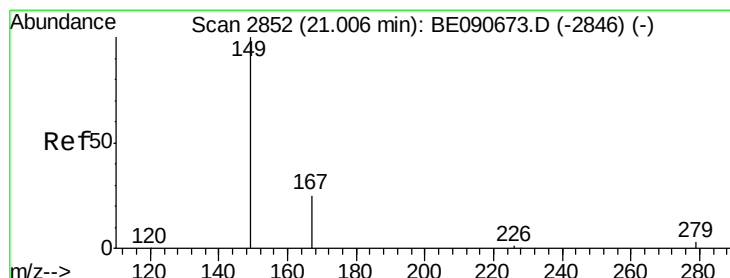
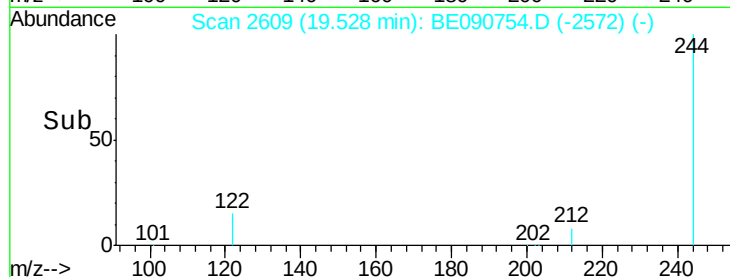
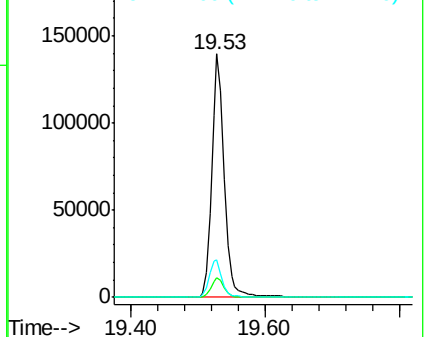
122 15.2 12.9 19.3



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: 0.39 ng

RT: 21.00 min Scan# 2850

Delta R.T. -0.00 min

Lab File: BE090754.D

Acq: 8 Sep 2015 18:39

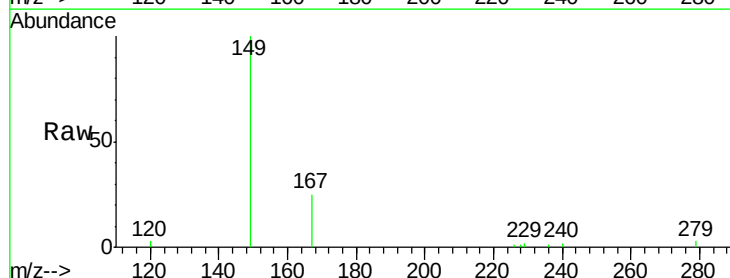
Tgt Ion:149 Resp: 5634

Ion Ratio Lower Upper

149 100

167 23.7 20.1 30.1

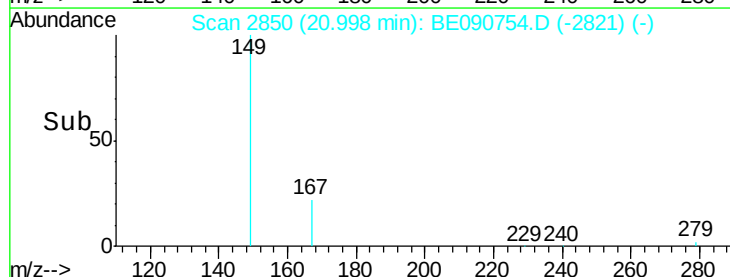
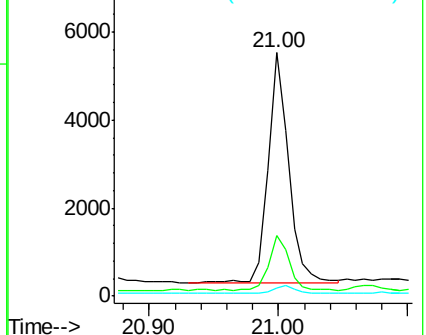
279 3.4 2.3 3.5

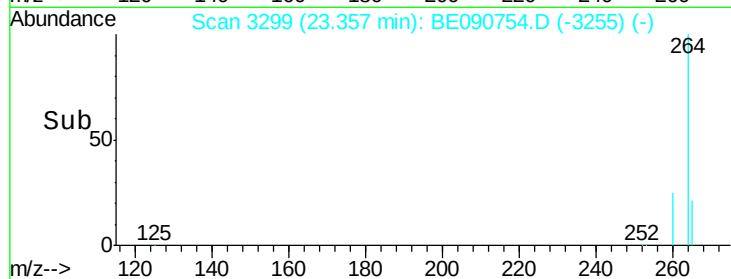
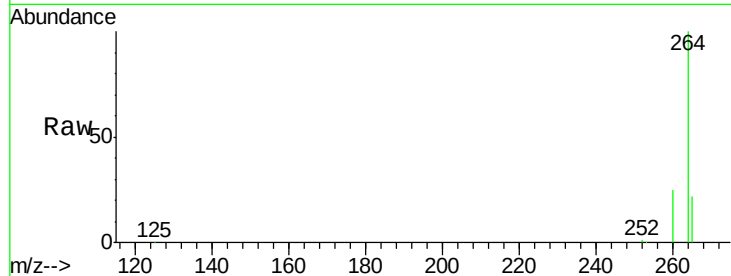
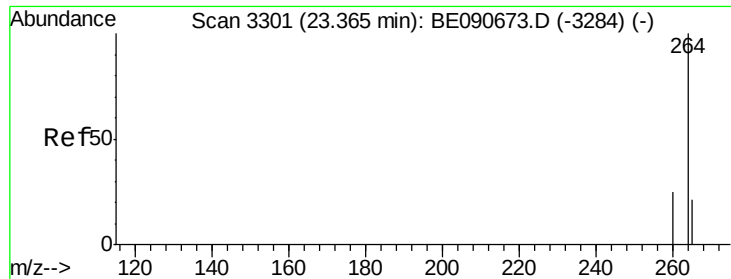


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#32

Perylene-d12

Concen: 5.00 ng

RT: 23.36 min Scan# 3299

Delta R.T. 0.00 min

Lab File: BE090754.D

Acq: 8 Sep 2015 18:39

Instrument :

BNA_E

ClientSampleId :

090415-D534-E-U-S

Tgt Ion: 264 Resp: 261071

Ion Ratio Lower Upper

264 100

260 25.1 19.7 29.5

265 21.6 17.5 26.3

