

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081115\
 Data File : BE090451.D
 Acq On : 12 Aug 2015 5:11
 Operator : UM/IZ
 Sample : G3236-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 080715-D534-F-D-S

Quant Time: Aug 12 06:57:02 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 12:28:08 2015
 Response via : Initial Calibration

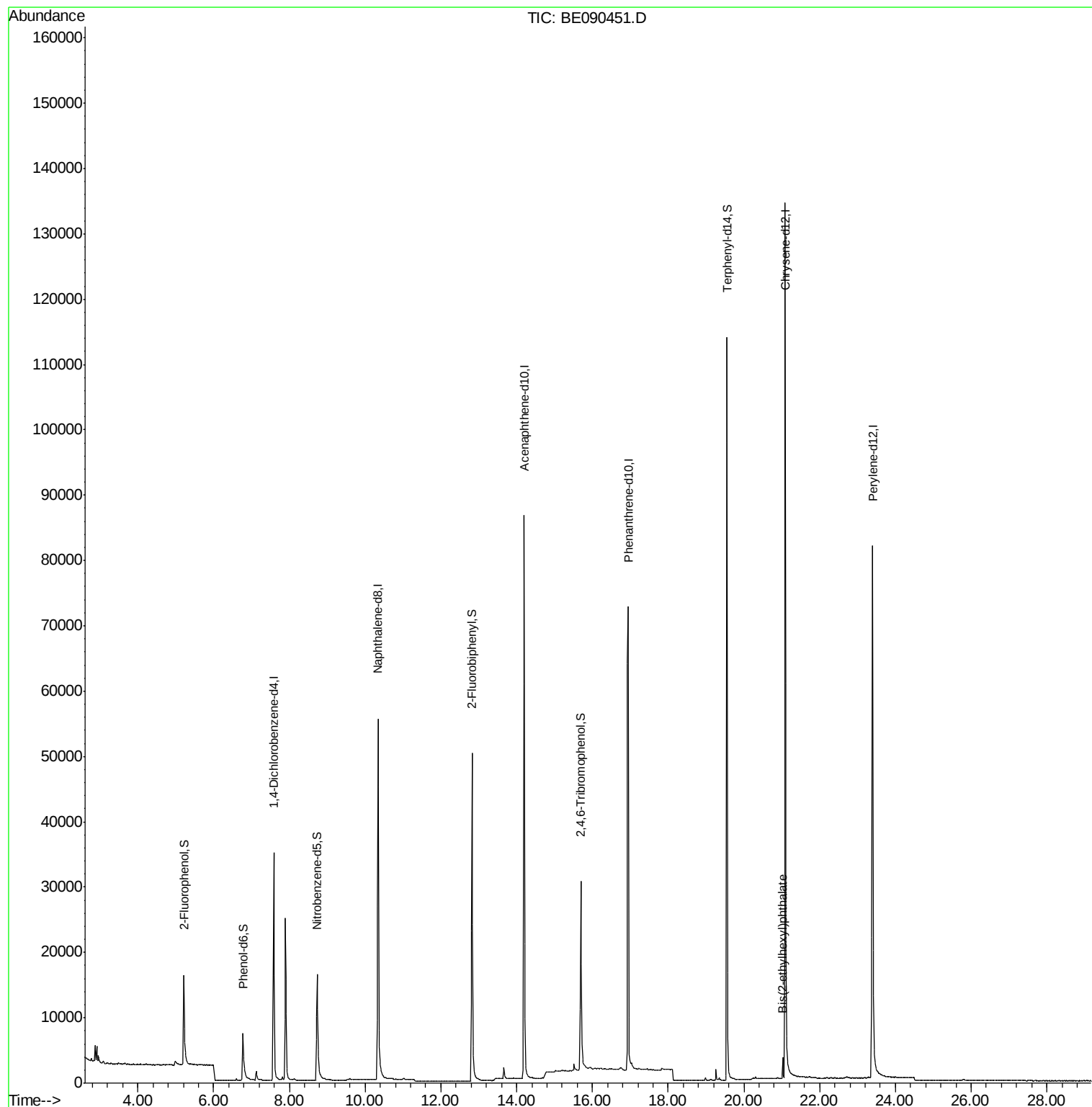
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	19338	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	89337	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	51546	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	122438	5.00	ng	0.00
25) Chrysene-d12	21.09	240	140283	5.00	ng	0.00
32) Perylene-d12	23.40	264	124147	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	13727	4.73	ng	0.00
5) Phenol-d6	6.77	99	13551	2.33	ng	0.00
7) Nitrobenzene-d5	8.73	82	23630	3.32	ng	0.00
13) 2,4,6-Tribromophenol	15.69	330	15228	9.07	ng	-0.02
14) 2-Fluorobiphenyl	12.82	172	59175	4.17	ng	0.00
27) Terphenyl-d14	19.56	244	118921	5.75	ng	0.00
Target Compounds						
30) Bis(2-ethylhexyl)phthalate	21.03	149	2825	0.48	ng	Qvalue 99

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

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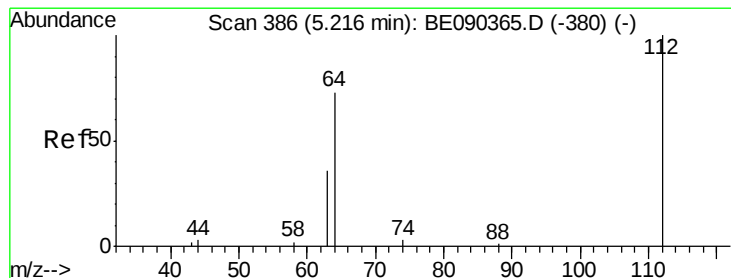
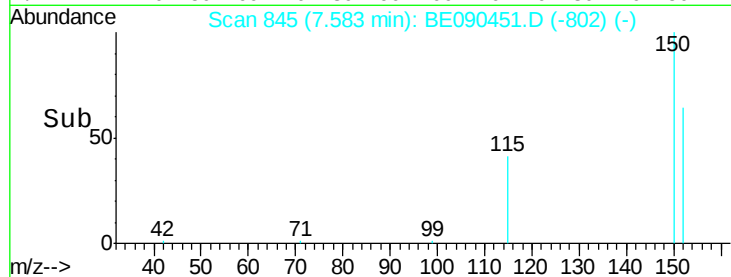
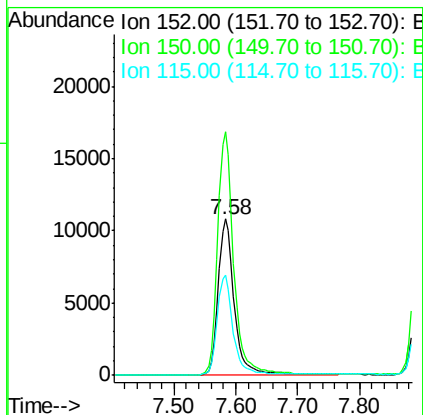
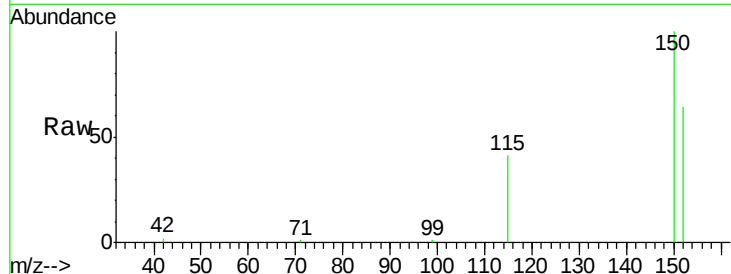


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.58 min Scan# 845
Delta R.T. -0.01 min
Lab File: BE090451.D
Acq: 12 Aug 2015 5:11

Instrument :
BNA_E
ClientSampleId :
080715-D534-F-D-S

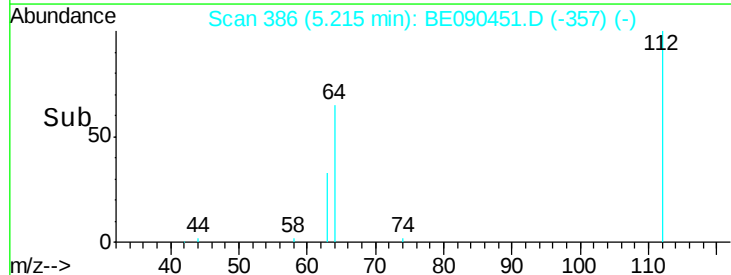
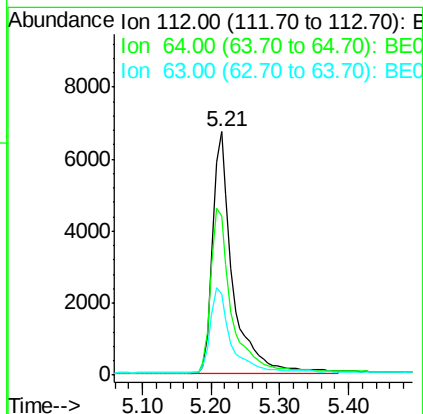
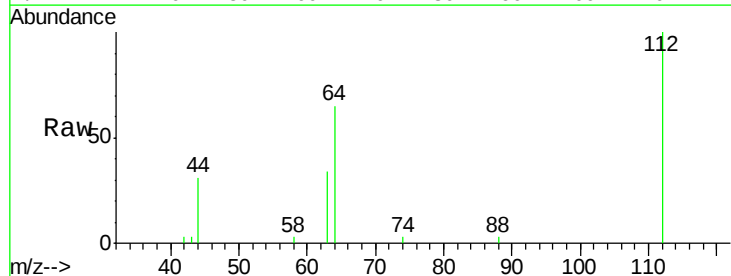
Tgt Ion:152 Resp: 19338
Ion Ratio Lower Upper
152 100
150 155.7 123.0 184.4
115 63.8 48.9 73.3



#4

2-Fluorophenol
Concen: 4.73 ng
RT: 5.21 min Scan# 386
Delta R.T. -0.00 min
Lab File: BE090451.D
Acq: 12 Aug 2015 5:11

Tgt Ion:112 Resp: 13727
Ion Ratio Lower Upper
112 100
64 70.5 37.1 55.7#
63 36.4 19.5 29.3#





#5

Phenol-d6

Concen: 2.33 ng

RT: 6.77 min Scan# 667

Delta R.T. -0.01 min

Lab File: BE090451.D

Acq: 12 Aug 2015 5:11

Instrument :

BNA_E

ClientSampleId :

080715-D534-F-D-S

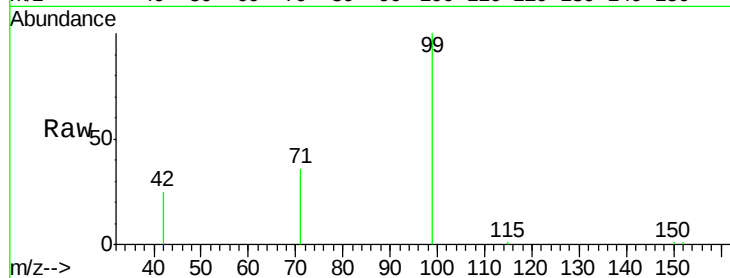
Tgt Ion: 99 Resp: 13551

Ion Ratio Lower Upper

99 100

42 21.9 18.2 27.4

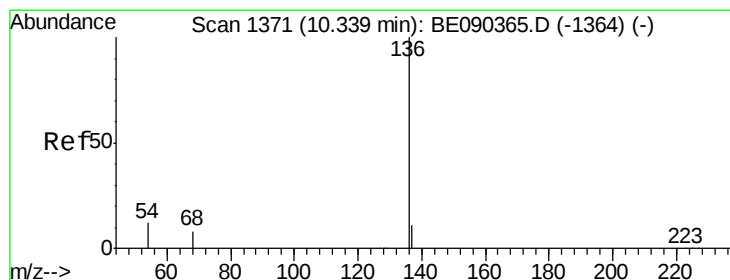
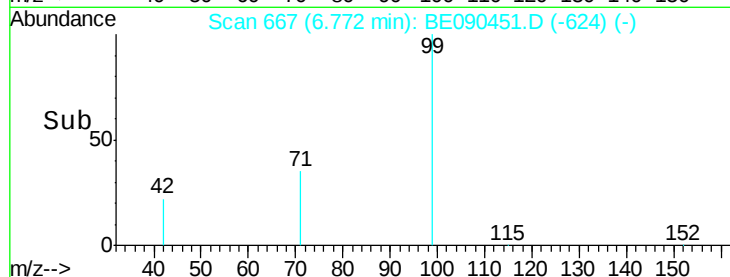
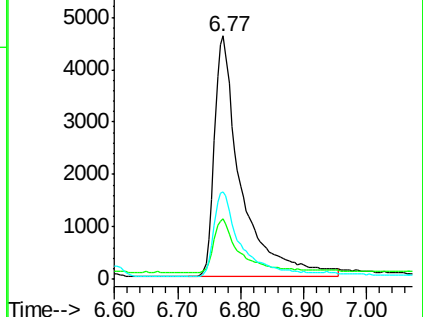
71 35.3 27.4 41.0



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: BE090451.D

Acq: 12 Aug 2015 5:11

Tgt Ion: 136 Resp: 89337

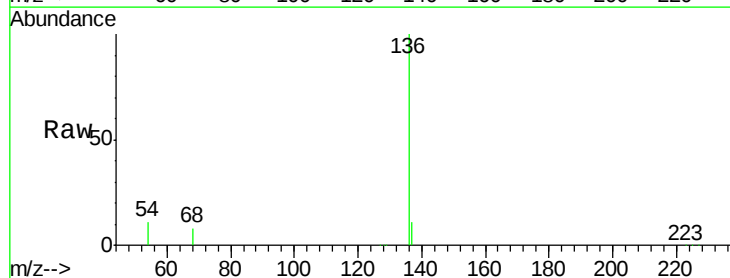
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 10.9 9.4 14.0

68 7.9 6.5 9.7

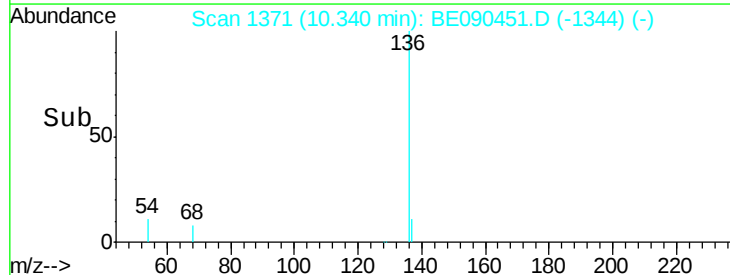
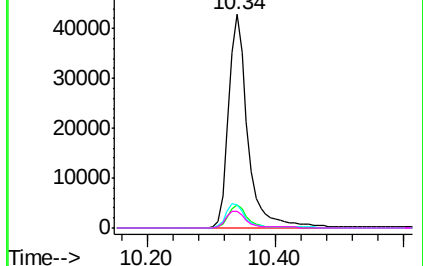


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.32 ng

RT: 8.73 min Scan# 1093

Delta R.T. -0.00 min

Lab File: BE090451.D

Acq: 12 Aug 2015 5:11

Instrument :

BNA_E

ClientSampleId :

080715-D534-F-D-S

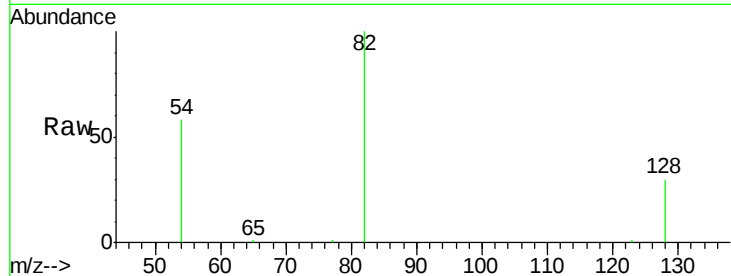
Tgt Ion: 82 Resp: 23630

Ion Ratio Lower Upper

82 100

128 30.1 25.0 37.6

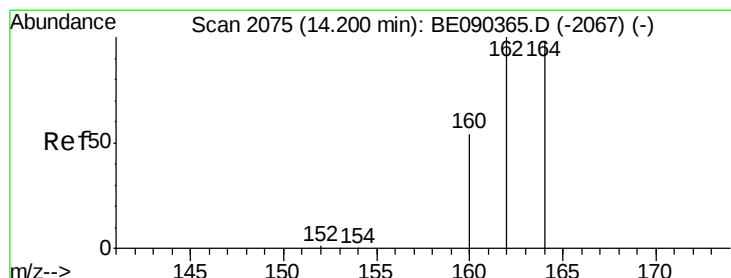
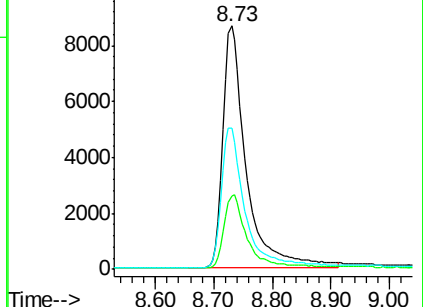
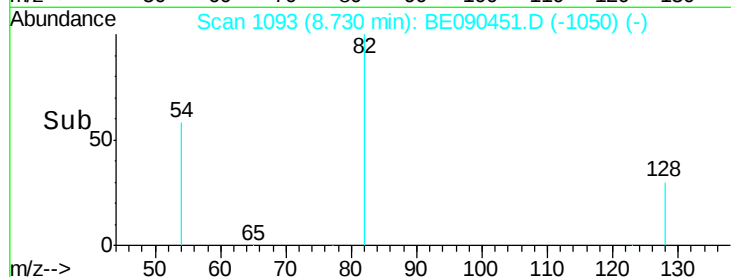
54 58.1 48.8 73.2



Abundance Ion 82.00 (81.70 to 82.70): BE090451.D (-1050) (-)

Ion 128.00 (127.70 to 128.70): BE090451.D (-1050) (-)

Ion 54.00 (53.70 to 54.70): BE090451.D (-1050) (-)



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.19 min Scan# 2074

Delta R.T. -0.01 min

Lab File: BE090451.D

Acq: 12 Aug 2015 5:11

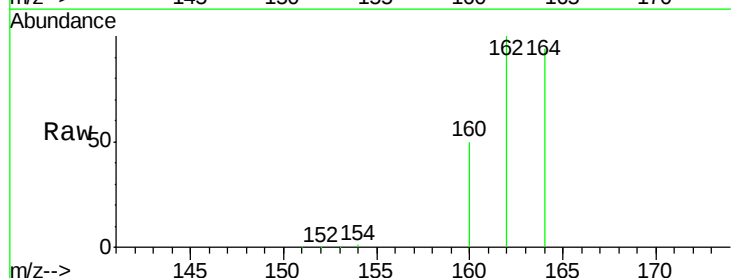
Tgt Ion: 164 Resp: 51546

Ion Ratio Lower Upper

164 100

162 106.1 81.8 122.8

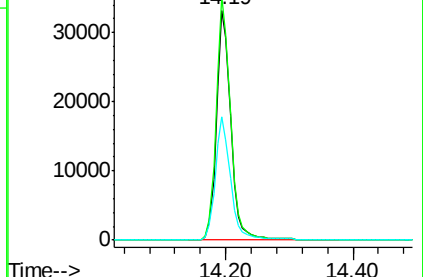
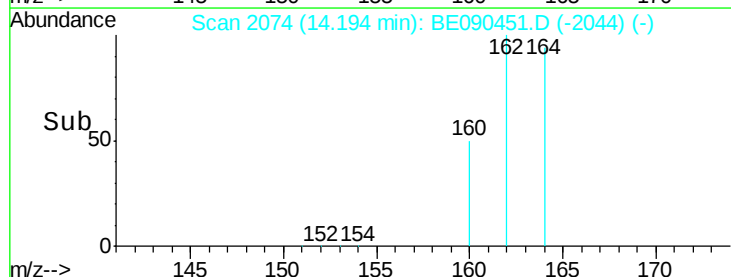
160 53.5 44.2 66.4



Abundance Ion 164.00 (163.70 to 164.70): BE090451.D (-2044) (-)

Ion 162.00 (161.70 to 162.70): BE090451.D (-2044) (-)

Ion 160.00 (159.70 to 160.70): BE090451.D (-2044) (-)

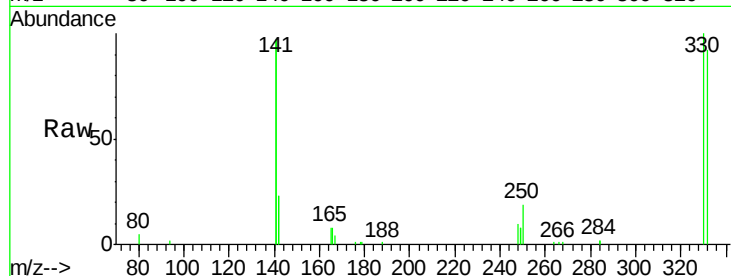




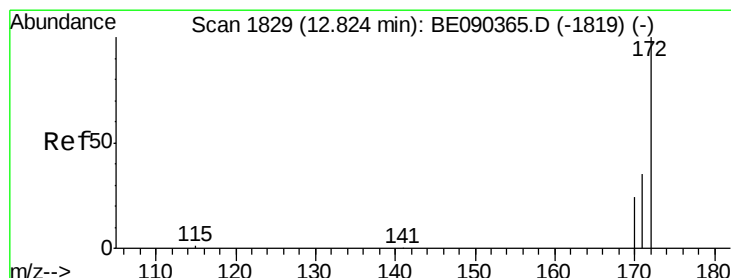
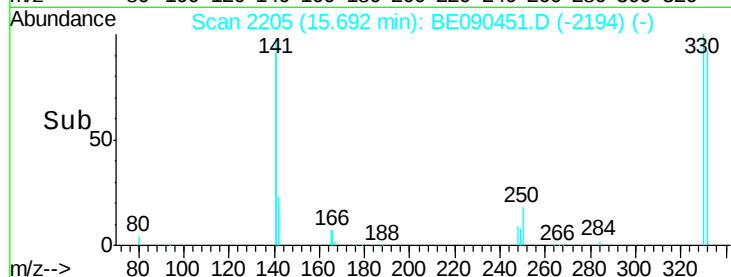
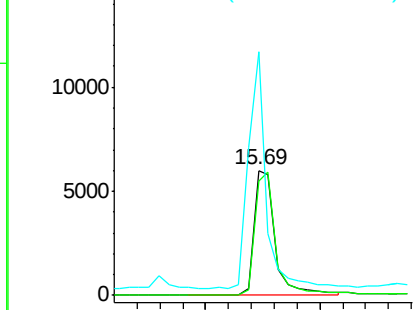
#13
 2,4,6-Tribromophenol
 Concen: 9.07 ng
 RT: 15.69 min Scan# 2205
 Delta R.T. -0.02 min
 Lab File: BE090451.D
 Acq: 12 Aug 2015 5:11

Instrument :
 BNA_E
 ClientSampleId :
 080715-D534-F-D-S

Tgt Ion: 330 Resp: 15228
 Ion Ratio Lower Upper
 330 100
 332 96.5 75.8 113.6
 141 159.0 114.4 171.6

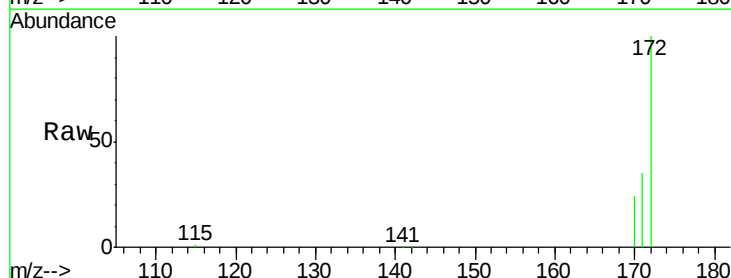


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

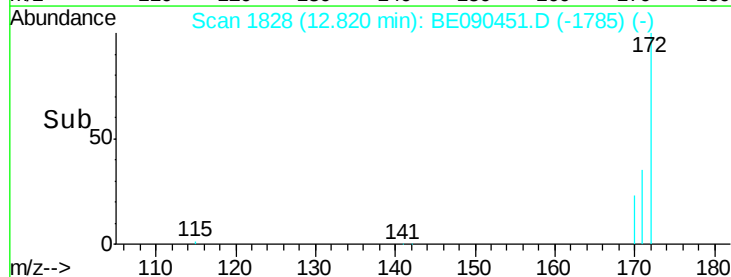
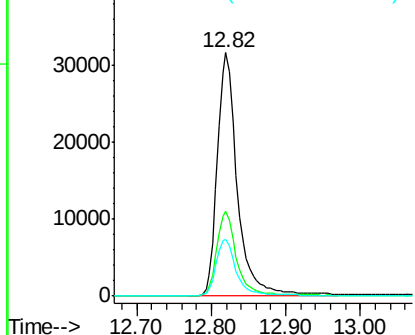


#14
 2-Fluorobiphenyl
 Concen: 4.17 ng
 RT: 12.82 min Scan# 1828
 Delta R.T. -0.00 min
 Lab File: BE090451.D
 Acq: 12 Aug 2015 5:11

Tgt Ion: 172 Resp: 59175
 Ion Ratio Lower Upper
 172 100
 171 34.6 28.5 42.7
 170 23.5 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# 2277

Delta R.T. 0.00 min

Lab File: BE090451.D

Acq: 12 Aug 2015 5:11

Instrument :

BNA_E

ClientSampleId :

080715-D534-F-D-S

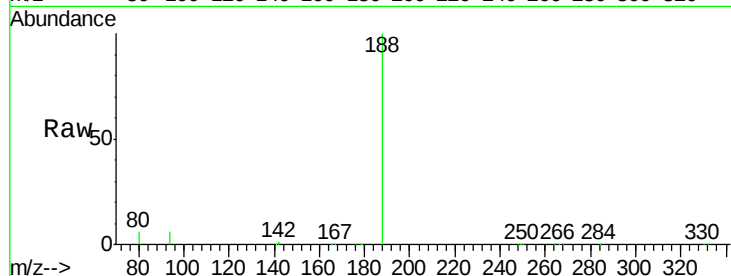
Tgt Ion:188 Resp: 122438

Ion Ratio Lower Upper

188 100

94 5.6 5.7 8.5#

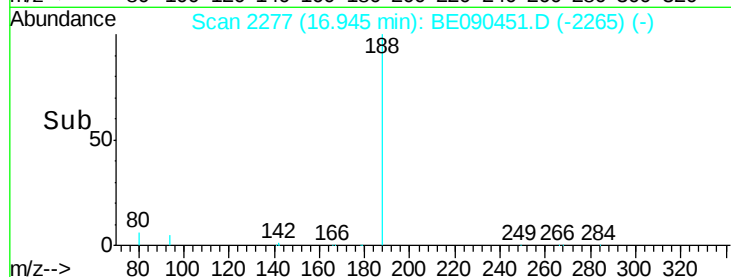
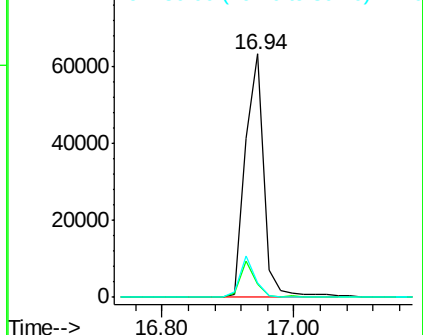
80 5.8 5.8 8.8



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: 21.09 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BE090451.D

Acq: 12 Aug 2015 5:11

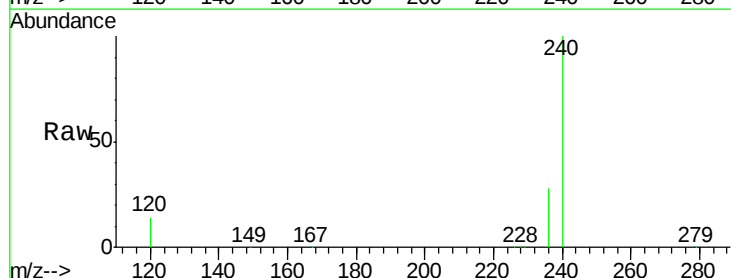
Tgt Ion:240 Resp: 140283

Ion Ratio Lower Upper

240 100

120 13.8 8.3 12.5#

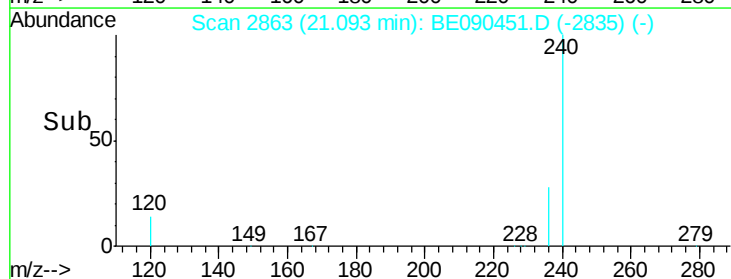
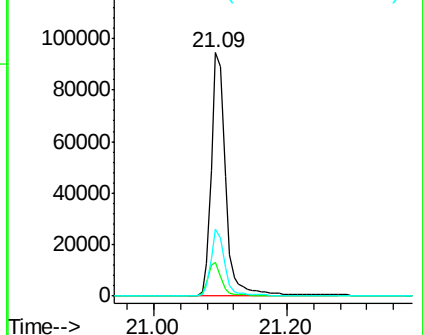
236 27.7 21.0 31.4



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: 5.75 ng

RT: 19.56 min Scan# 2613

Delta R.T. -0.01 min

Lab File: BE090451.D

Acq: 12 Aug 2015 5:11

Instrument :

BNA_E

ClientSampleId :

080715-D534-F-D-S

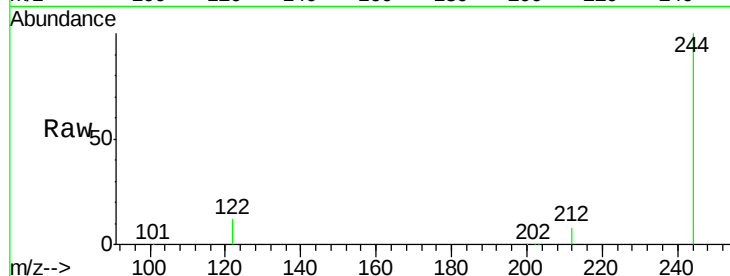
Tgt Ion:244 Resp: 118921

Ion Ratio Lower Upper

244 100

212 7.9 6.6 9.8

122 12.1 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

120000

100000

80000

60000

40000

20000

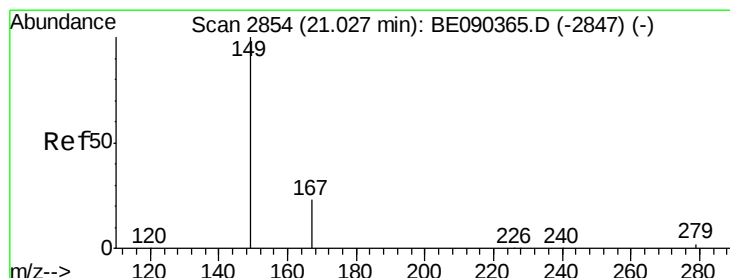
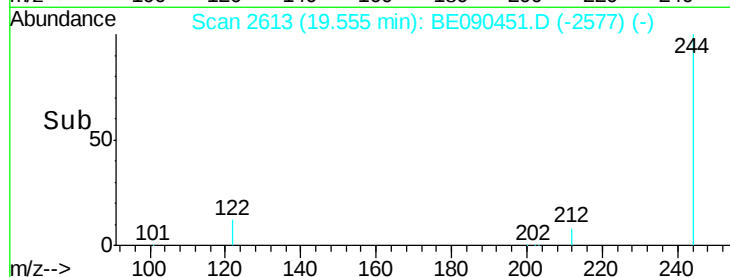
0

19.56

19.60

19.80

Time-->



#30

Bis(2-ethylhexyl)phthalate

Concen: 0.48 ng

RT: 21.03 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BE090451.D

Acq: 12 Aug 2015 5:11

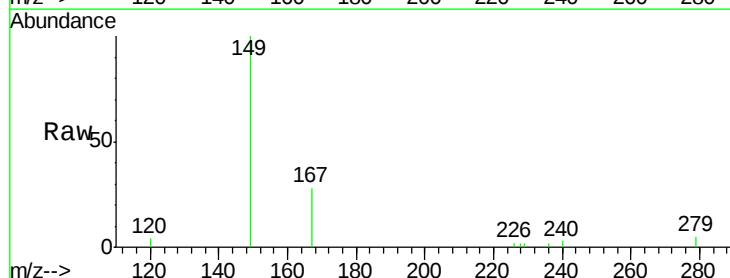
Tgt Ion:149 Resp: 2825

Ion Ratio Lower Upper

149 100

167 24.4 19.8 29.8

279 3.4 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

3000

2000

1000

0

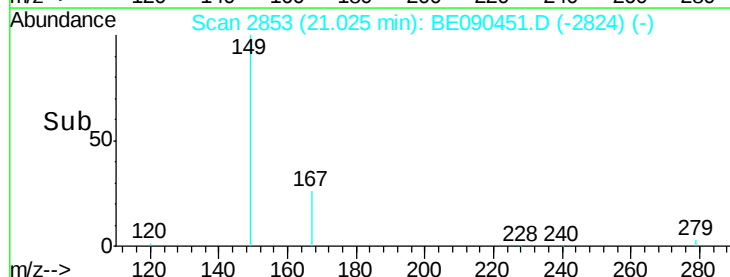
21.03

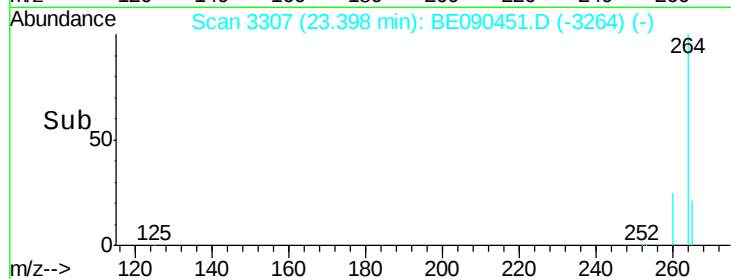
20.95

21.00

21.05

Time-->





#32

Perylene-d12

Concen: 5.00 ng

RT: 23.40 min Scan# 3307

Delta R.T. -0.00 min

Lab File: BE090451.D

Acq: 12 Aug 2015 5:11

Instrument :

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ClientSampleId :

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Tgt Ion: 264 Resp: 124147

Ion Ratio Lower Upper

264 100

260 24.9 20.1 30.1

265 21.7 17.2 25.8

