

Data Path : Z:\HPCHEM1\BNA E\DATA\BE080715\
 Data File : BE090403.D
 Acq On : 7 Aug 2015 18:28
 Operator : TP/UM
 Sample : PB84793BL
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB84793BL

Quant Time: Aug 08 00:10:09 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	7.59	152	17897	5.00	ng	0.00
6) Naphthalene-d8	10.35	136	75984	5.00	ng	0.00
12) Acenaphthene-d10	14.20	164	43550	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	111411	5.00	ng	0.00
25) Chrysene-d12	21.10	240	122933	5.00	ng	0.00
32) Perylene-d12	23.40	264	102528	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	24186	9.01	ng	0.00
5) Phenol-d6	6.77	99	35696	6.19	ng	-0.01
7) Nitrobenzene-d5	8.74	82	21416	3.52	ng	0.00
13) 2,4,6-Tribromophenol	15.71	330	4903	4.63	ng	0.00
14) 2-Fluorobiphenyl	12.82	172	53242	4.44	ng	0.00
27) Terphenyl-d14	19.56	244	96001	5.30	ng	0.00

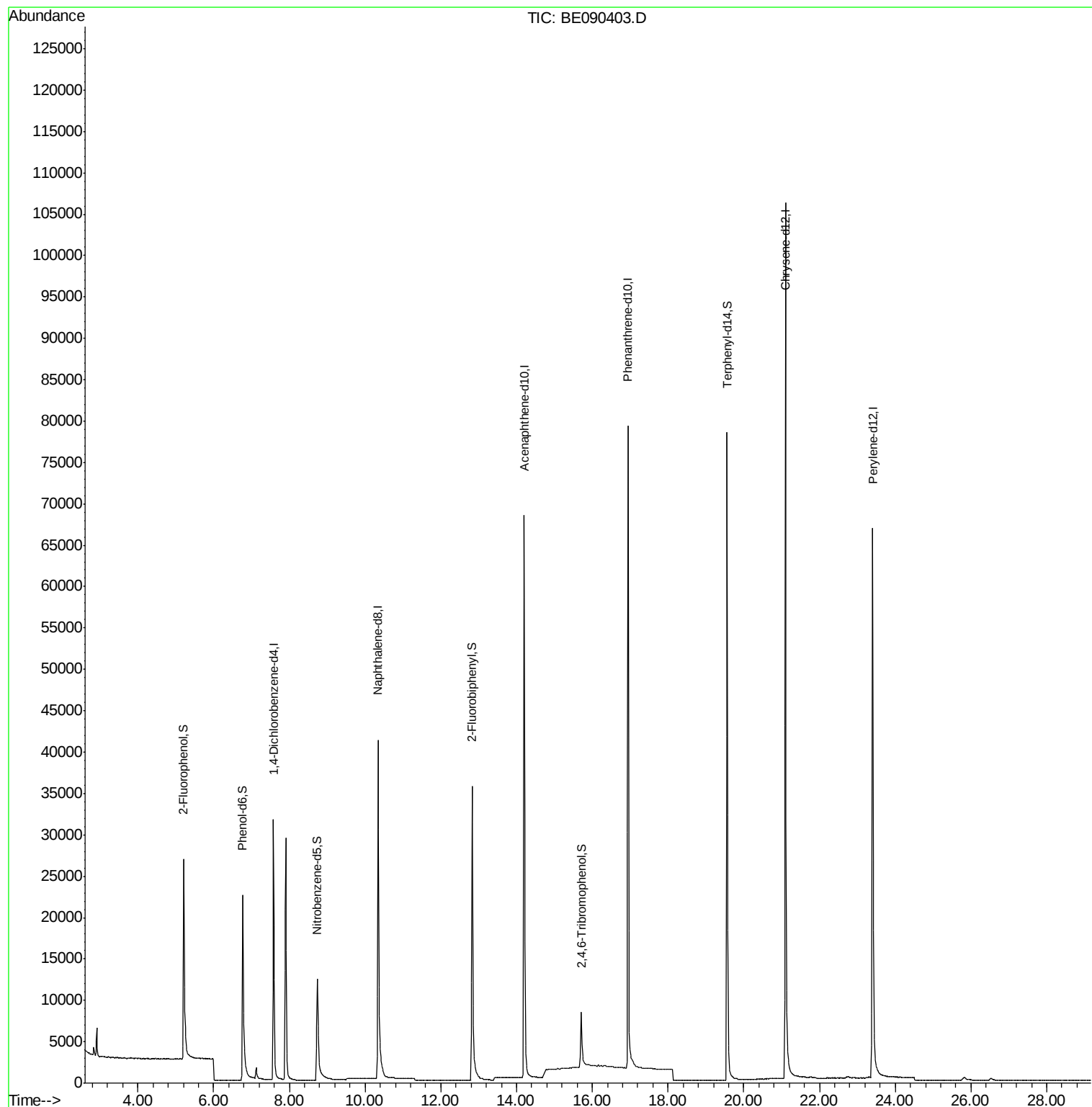
Target Compounds Qvalue

(#) = 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: BE090403.D

Acq: 7 Aug 2015 18:28

Instrument :

BNA_E

ClientSampleId :

PB84793BL

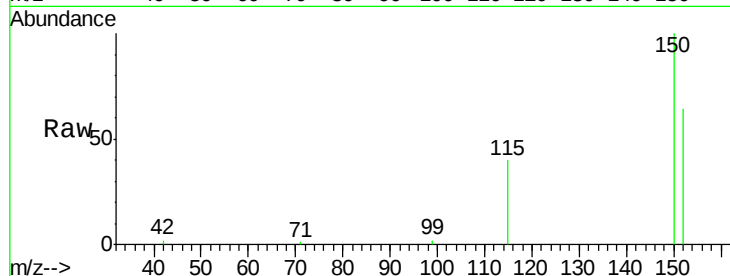
Tot Ion:152 Resp: 17897

Ion Ratio Lower Upper

152 100

150 155.8 123.0 184.4

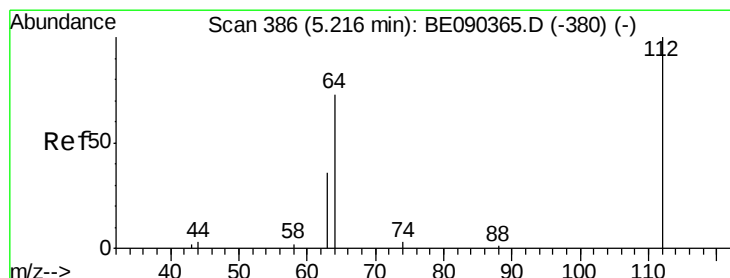
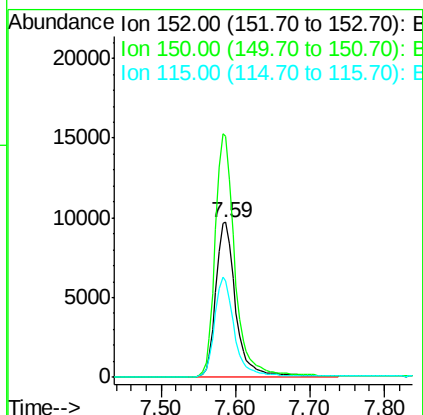
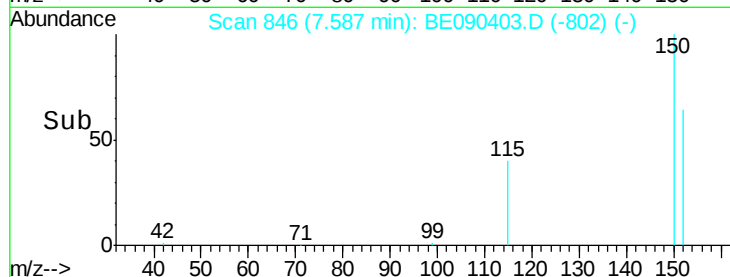
115 62.0 48.9 73.3



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: 9.01 ng

RT: 5.22 min Scan# 386

Delta R.T. 0.00 min

Lab File: BE090403.D

Acq: 7 Aug 2015 18:28

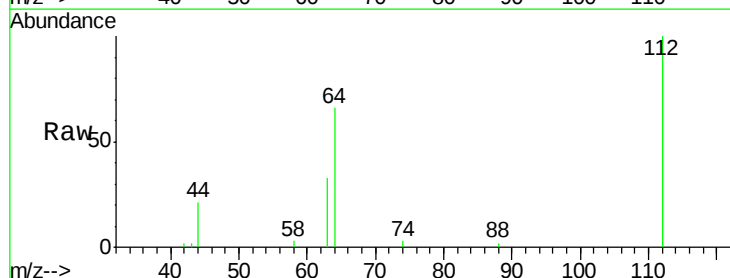
Tgt Ion:112 Resp: 24186

Ion Ratio Lower Upper

112 100

64 71.2 37.1 55.7#

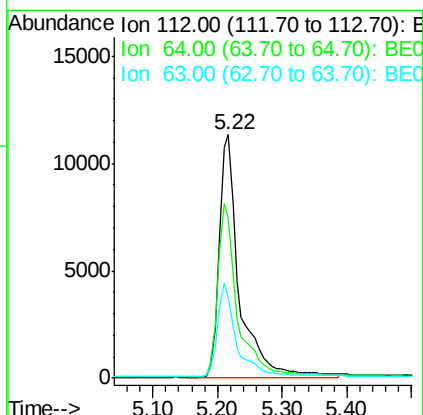
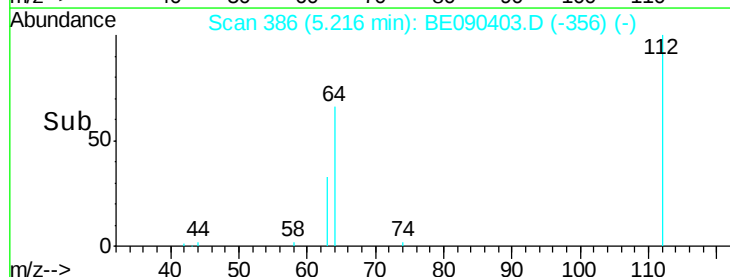
63 37.2 19.5 29.3#



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: 6.19 ng

RT: 6.77 min Scan# 666

Delta R.T. -0.01 min

Lab File: BE090403.D

Acq: 7 Aug 2015 18:28

Instrument :

BNA_E

ClientSampleId :

PB84793BL

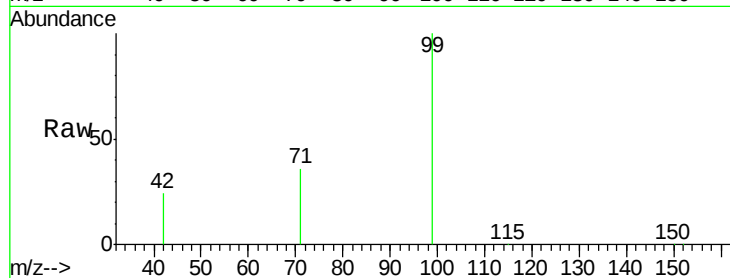
Tot Ion: 99 Resp: 35696

Ion Ratio Lower Upper

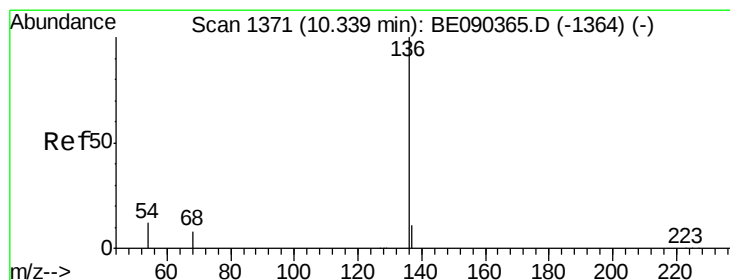
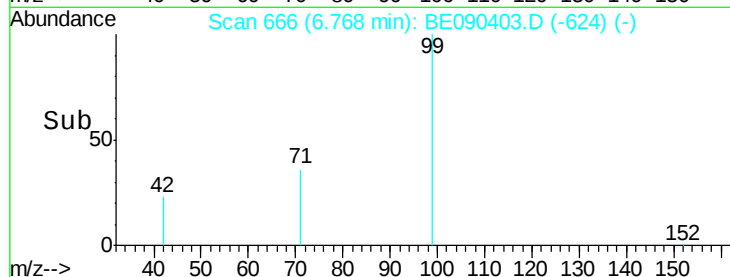
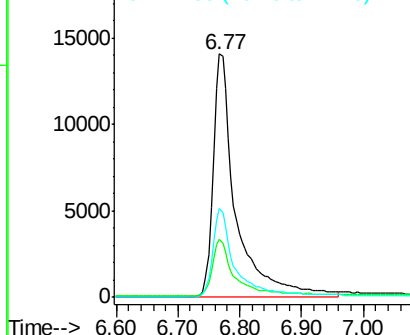
99 100

42 22.3 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: 10.35 min Scan# 1372

Delta R.T. 0.01 min

Lab File: BE090403.D

Acq: 7 Aug 2015 18:28

Tgt Ion: 136 Resp: 75984

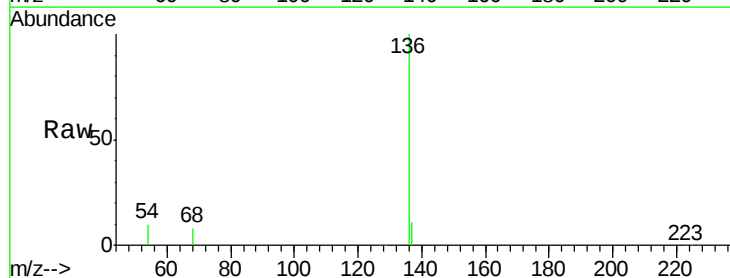
Ion Ratio Lower Upper

136 100

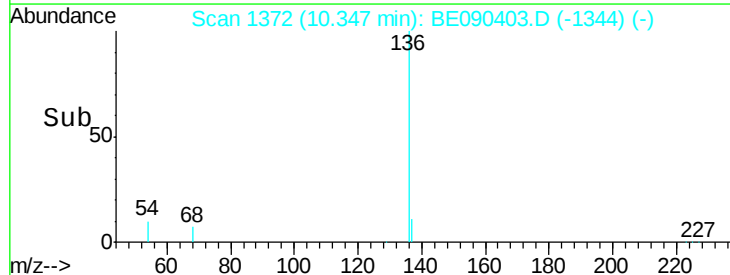
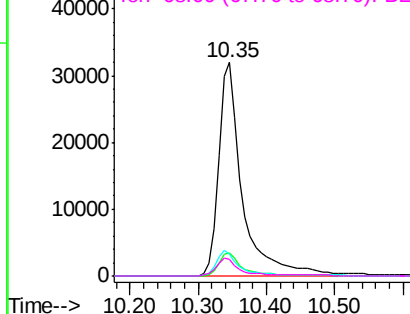
137 11.0 8.7 13.1

54 10.2 9.4 14.0

68 7.5 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: 3.52 ng

RT: 8.74 min Scan# 1095

Delta R.T. 0.01 min

Lab File: BE090403.D

Acq: 7 Aug 2015 18:28

Instrument :

BNA_E

ClientSampleId :

PB84793BL

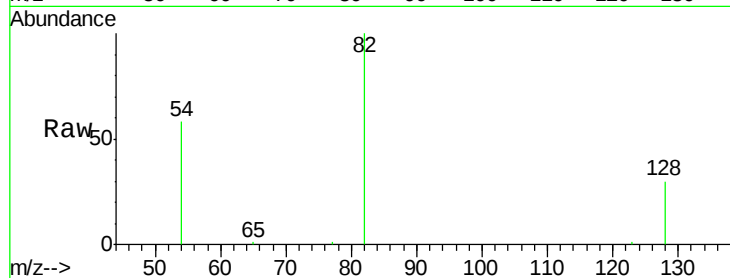
Tot Ion: 82 Resp: 21416

Ion Ratio Lower Upper

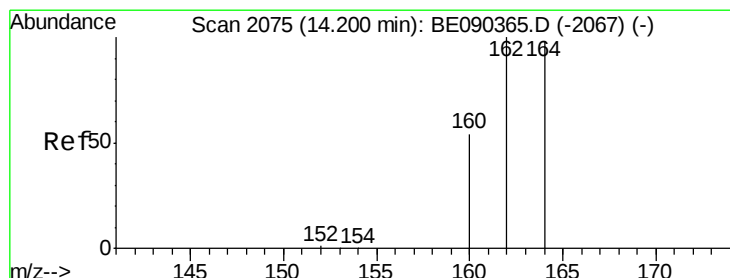
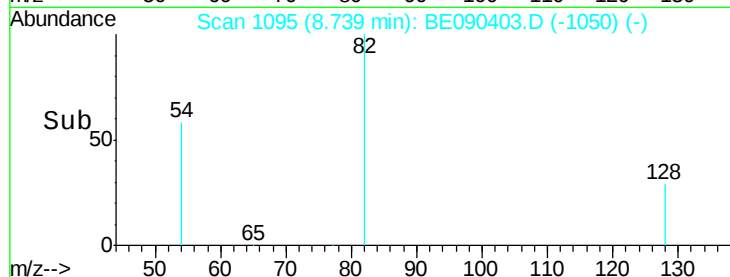
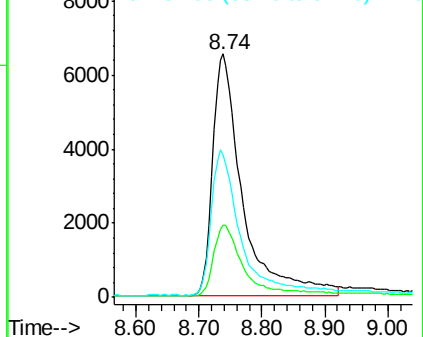
82 100

128 29.9 25.0 37.6

54 58.5 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: BE090403.D

Acq: 7 Aug 2015 18:28

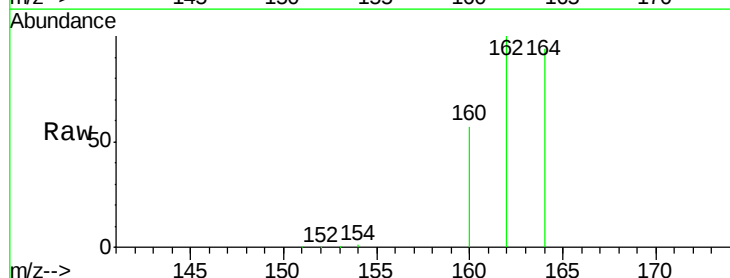
Tgt Ion: 164 Resp: 43550

Ion Ratio Lower Upper

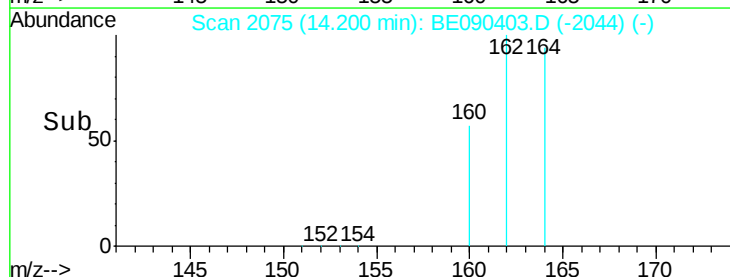
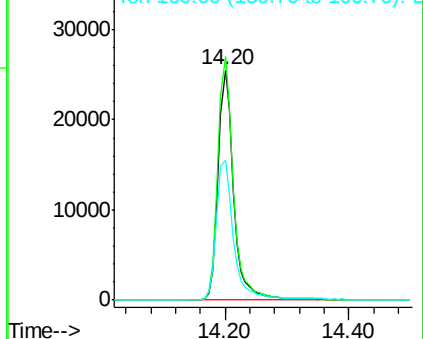
164 100

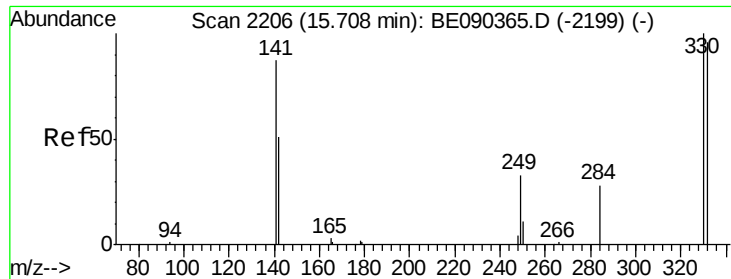
162 106.0 81.8 122.8

160 60.7 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

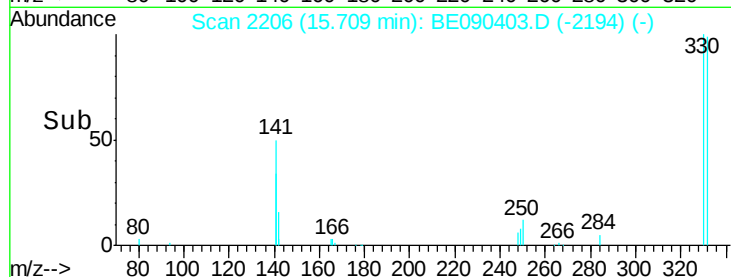
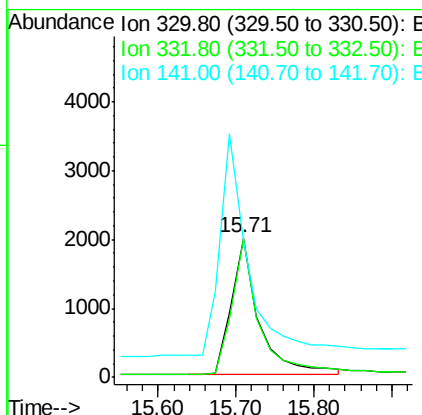
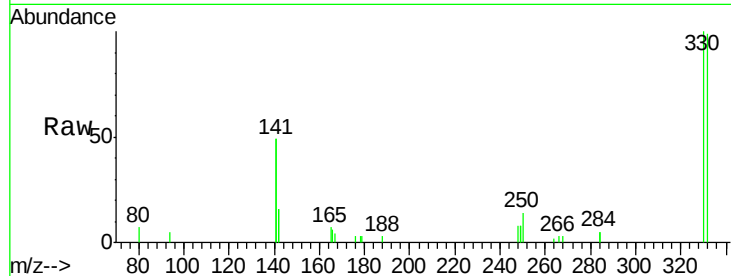




#13
 2,4,6-Tribromophenol
 Concen: 4.63 ng
 RT: 15.71 min Scan# 2206
 Delta R.T. 0.00 min
 Lab File: BE090403.D
 Acq: 7 Aug 2015 18:28

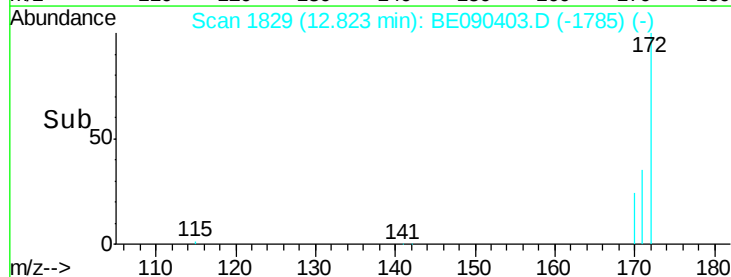
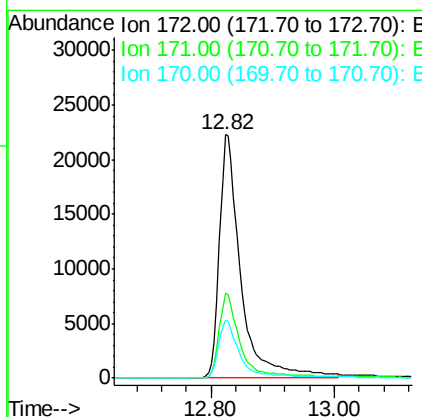
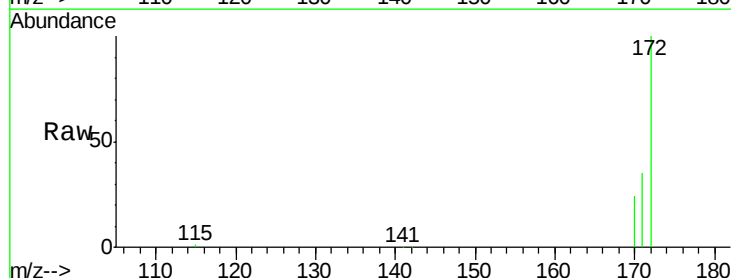
Instrument :
 BNA_E
 ClientSampleId :
 PB84793BL

Tot Ion:330 Resp: 4903
 Ion Ratio Lower Upper
 330 100
 332 96.8 75.8 113.6
 141 172.1 114.4 171.6#



#14
 2-Fluorobiphenyl
 Concen: 4.44 ng
 RT: 12.82 min Scan# 1829
 Delta R.T. -0.00 min
 Lab File: BE090403.D
 Acq: 7 Aug 2015 18:28

Tgt Ion:172 Resp: 53242
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.5 42.7
 170 24.0 19.8 29.8





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.94 min Scan# 2277

Delta R.T. 0.00 min

Lab File: BE090403.D

Acq: 7 Aug 2015 18:28

Instrument :

BNA_E

ClientSampleId :

PB84793BL

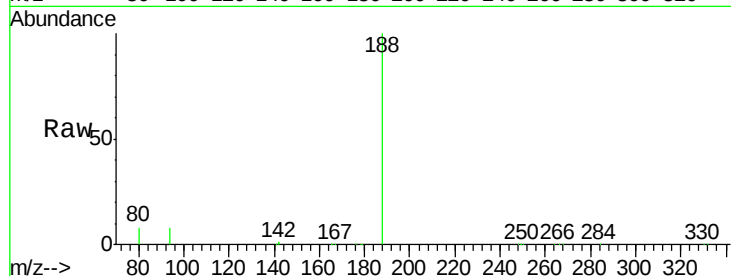
Tot Ion:188 Resp: 111411

Ion Ratio Lower Upper

188 100

94 7.7 5.7 8.5

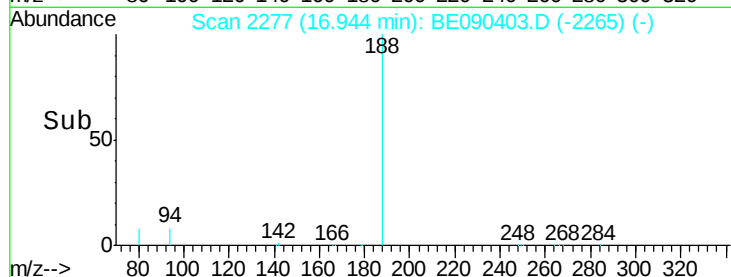
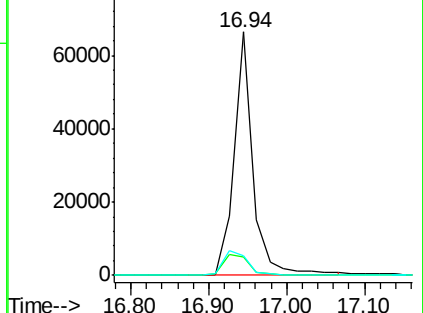
80 8.2 5.8 8.8



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# 2865

Delta R.T. -0.00 min

Lab File: BE090403.D

Acq: 7 Aug 2015 18:28

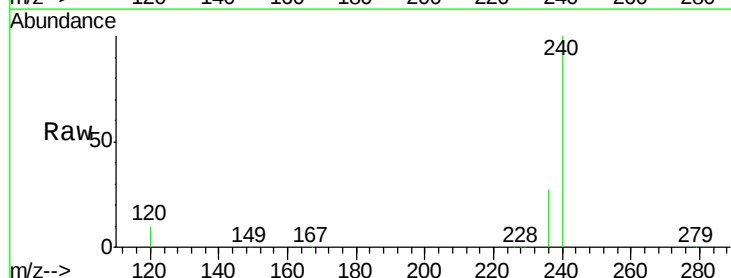
Tgt Ion:240 Resp: 122933

Ion Ratio Lower Upper

240 100

120 9.6 8.3 12.5

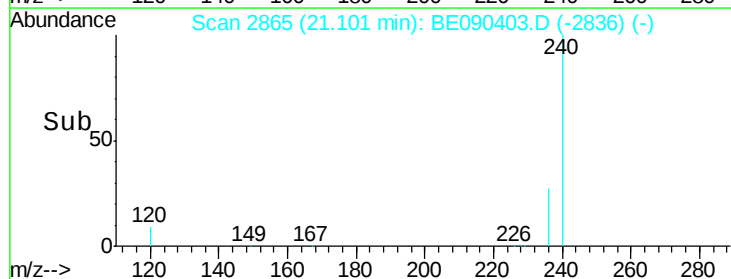
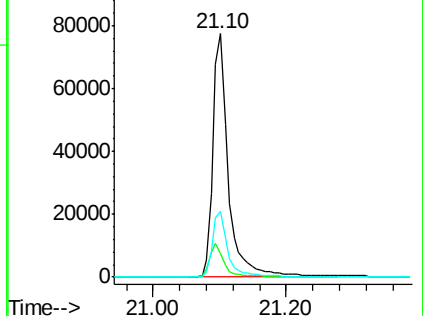
236 26.7 21.0 31.4

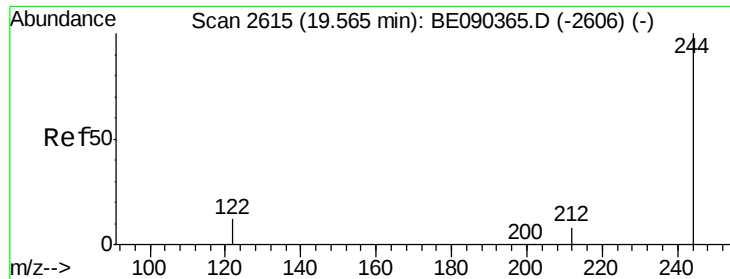


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

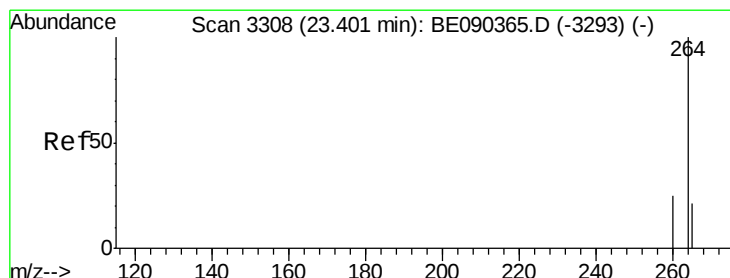
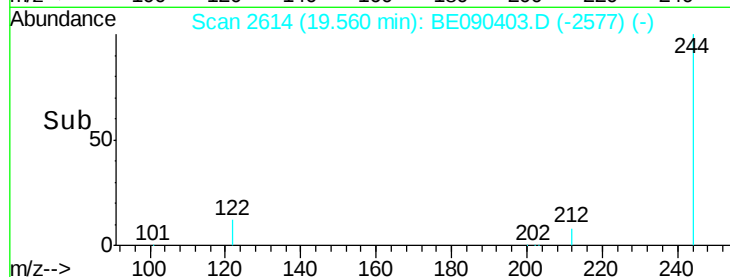
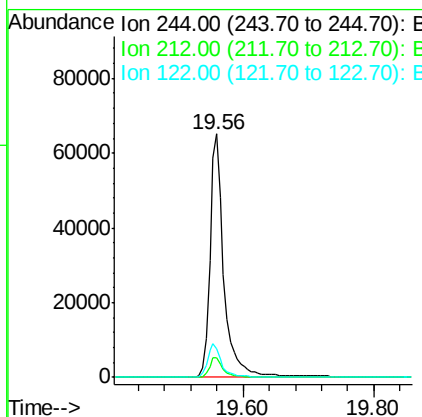
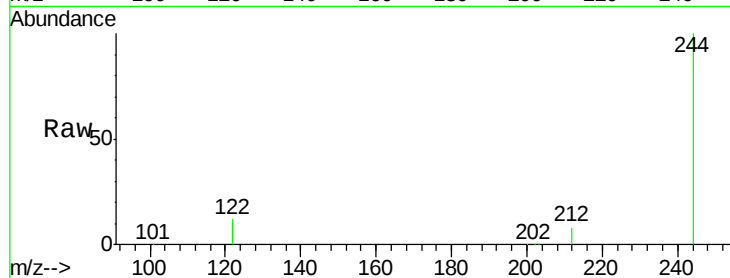




#27
 Terphenyl-d14
 Concen: 5.30 ng
 RT: 19.56 min Scan# 2614
 Delta R.T. -0.01 min
 Lab File: BE090403.D
 Acq: 7 Aug 2015 18:28

Instrument :
 BNA_E
 ClientSampleId :
 PB84793BL

Tot Ion:244 Resp: 96001
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.6 9.8
 122 11.9 10.2 15.4



#32
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.40 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: BE090403.D
 Acq: 7 Aug 2015 18:28

Tgt Ion:264 Resp: 102528
 Ion Ratio Lower Upper
 264 100
 260 25.0 20.1 30.1
 265 22.1 17.2 25.8

