

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081115\
 Data File : BE090430.D
 Acq On : 11 Aug 2015 16:22
 Operator : UM/IZ
 Sample : PB84961BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB84961BL

Quant Time: Aug 12 04:20:49 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	20739	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	94264	5.00	ng	0.00
12) Acenaphthene-d10	14.20	164	55887	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	131056	5.00	ng	0.00
25) Chrysene-d12	21.10	240	140903	5.00	ng	0.00
32) Perylene-d12	23.40	264	124726	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	29879	9.60	ng	0.00
5) Phenol-d6	6.77	99	42690	6.38	ng	0.00
7) Nitrobenzene-d5	8.73	82	23405	3.13	ng	0.00
13) 2,4,6-Tribromophenol	15.71	330	9309	6.14	ng	0.00
14) 2-Fluorobiphenyl	12.82	172	58325	3.79	ng	0.00
27) Terphenyl-d14	19.56	244	92478	4.45	ng	0.00

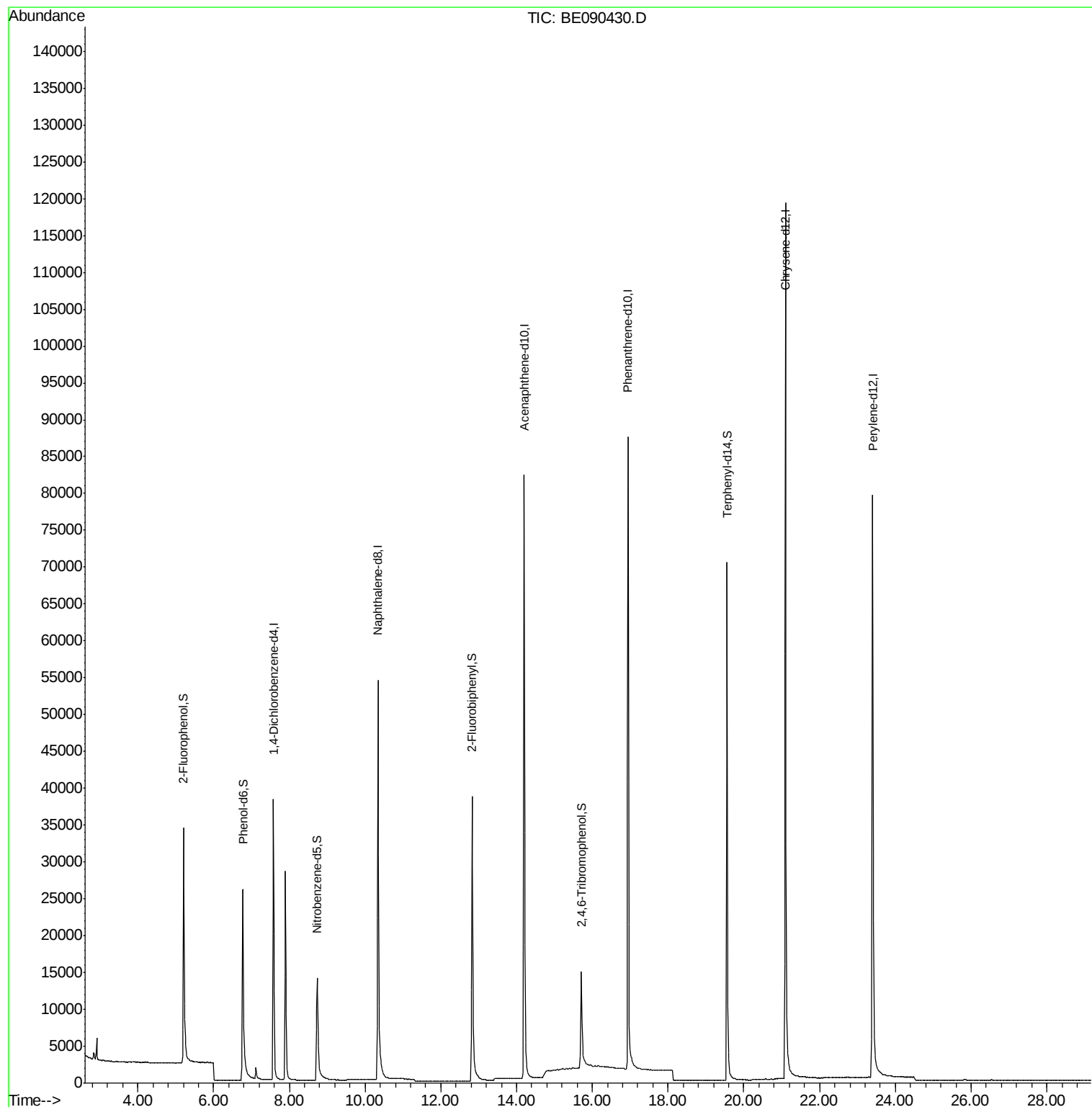
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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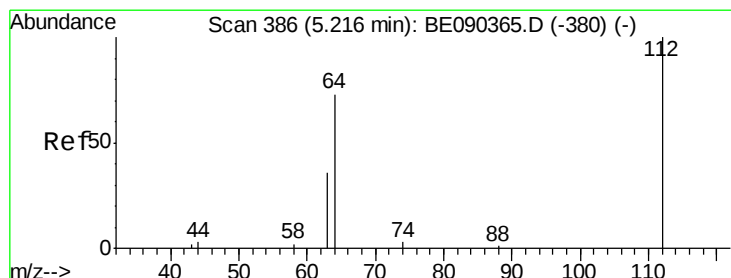
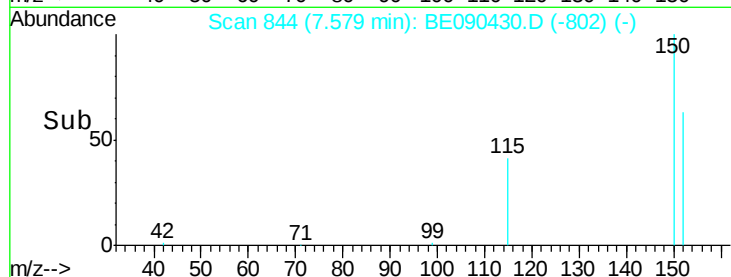
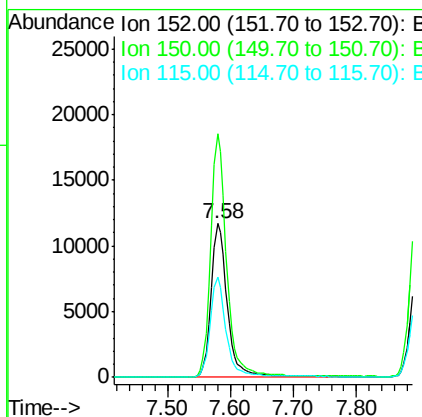
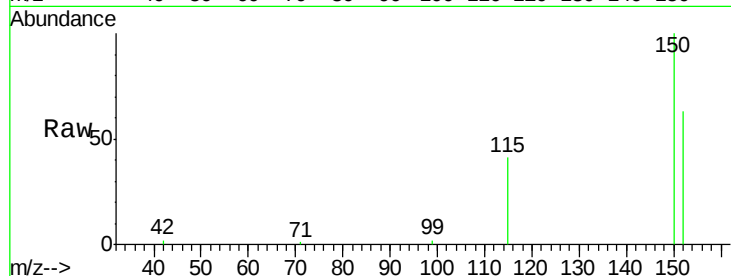




#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.58 min Scan# 844
 Delta R.T. -0.01 min
 Lab File: BE090430.D
 Acq: 11 Aug 2015 16:22

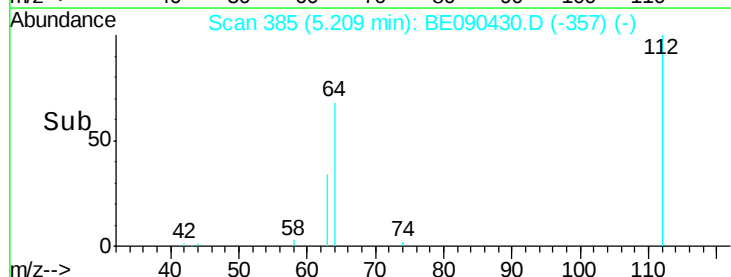
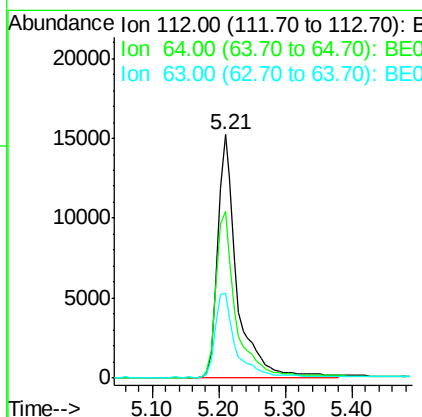
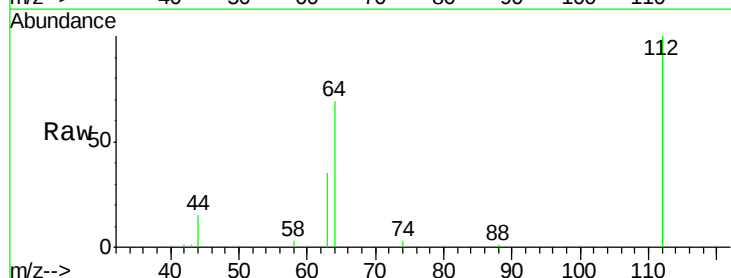
Instrument :
 BNA_E
 ClientSampleId :
 PB84961BL

Tgt Ion:152 Resp: 20739
 Ion Ratio Lower Upper
 152 100
 150 158.3 123.0 184.4
 115 64.8 48.9 73.3



#4
 2-Fluorophenol
 Concen: 9.60 ng
 RT: 5.21 min Scan# 385
 Delta R.T. -0.01 min
 Lab File: BE090430.D
 Acq: 11 Aug 2015 16:22

Tgt Ion:112 Resp: 29879
 Ion Ratio Lower Upper
 112 100
 64 70.2 37.1 55.7#
 63 36.5 19.5 29.3#





#5

Phenol-d6

Concen: 6.38 ng

RT: 6.77 min Scan# 666

Delta R.T. -0.01 min

Lab File: BE090430.D

Acq: 11 Aug 2015 16:22

Instrument :

BNA_E

ClientSampleId :

PB84961BL

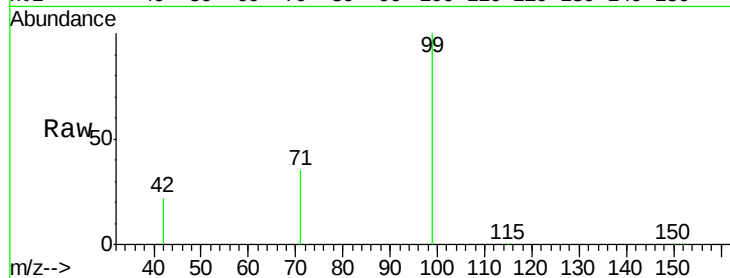
Tgt Ion: 99 Resp: 42690

Ion Ratio Lower Upper

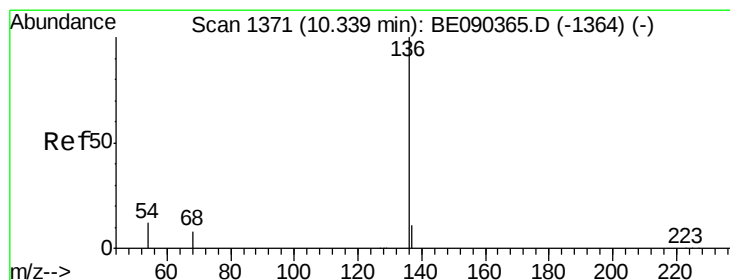
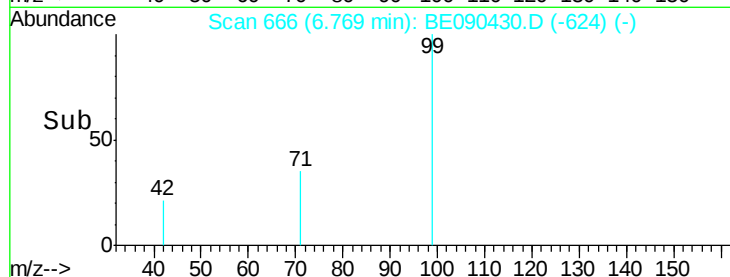
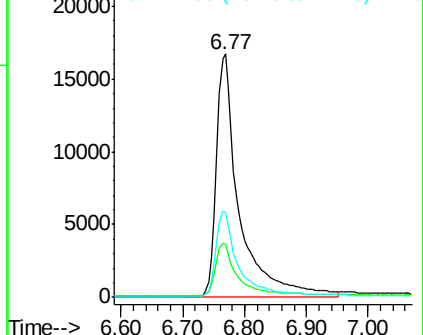
99 100

42 21.6 18.2 27.4

71 35.4 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: BE090430.D

Acq: 11 Aug 2015 16:22

Tgt Ion: 136 Resp: 94264

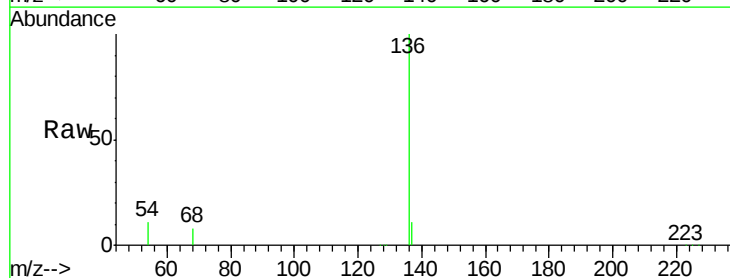
Ion Ratio Lower Upper

136 100

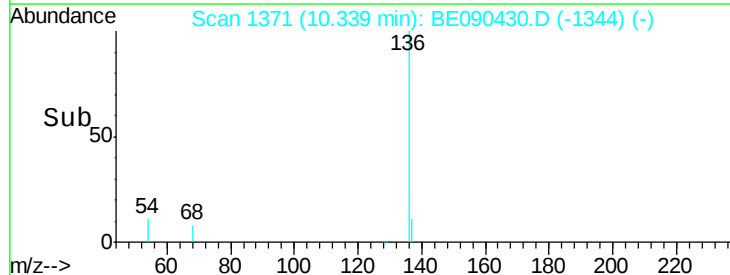
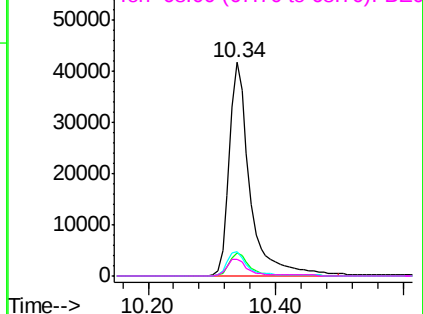
137 10.9 8.7 13.1

54 11.2 9.4 14.0

68 8.0 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: 3.13 ng

RT: 8.73 min Scan# 1094

Delta R.T. 0.00 min

Lab File: BE090430.D

Acq: 11 Aug 2015 16:22

Instrument :

BNA_E

ClientSampleId :

PB84961BL

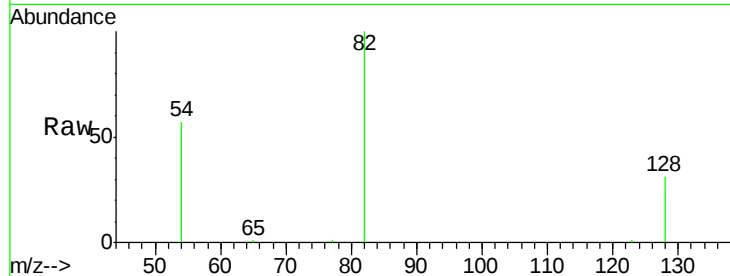
Tgt Ion: 82 Resp: 23405

Ion Ratio Lower Upper

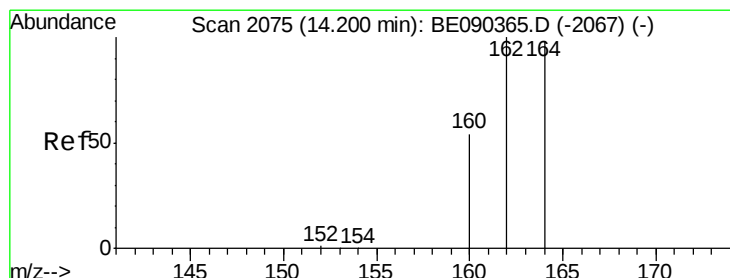
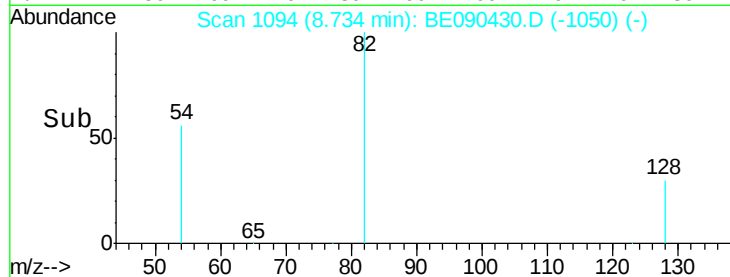
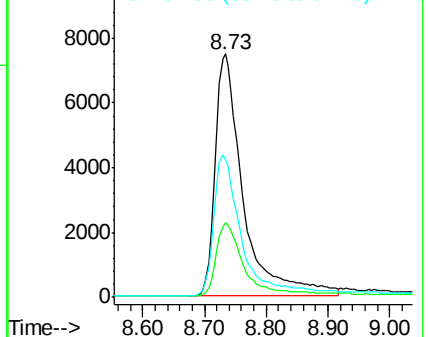
82 100

128 30.6 25.0 37.6

54 56.5 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: BE090430.D

Acq: 11 Aug 2015 16:22

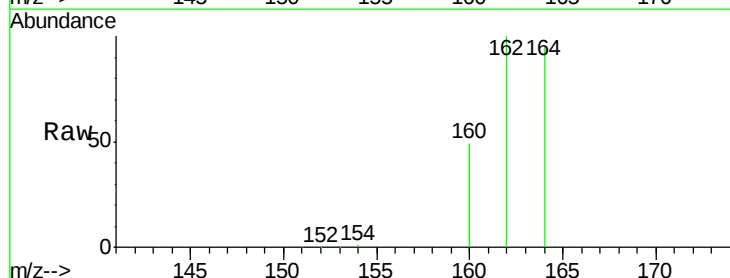
Tgt Ion: 164 Resp: 55887

Ion Ratio Lower Upper

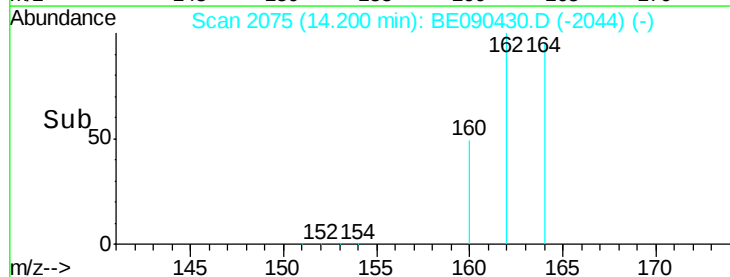
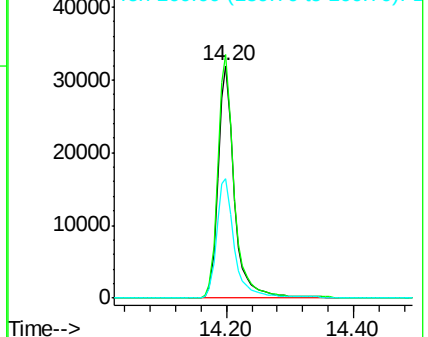
164 100

162 104.7 81.8 122.8

160 51.2 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

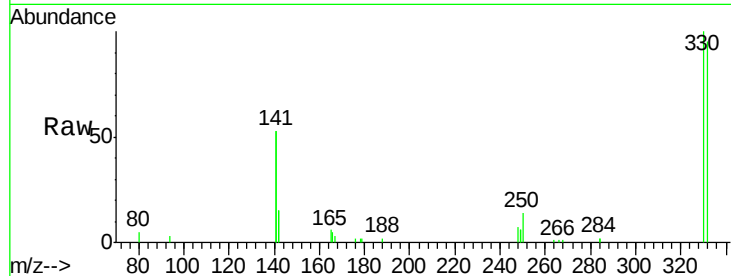




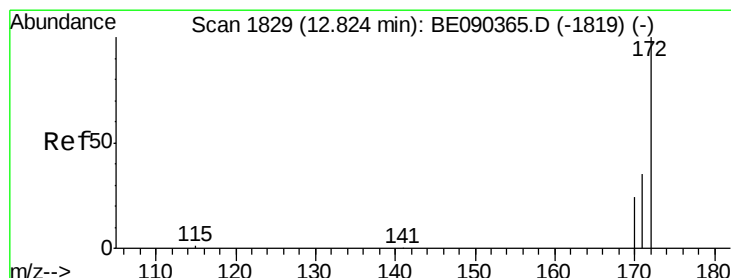
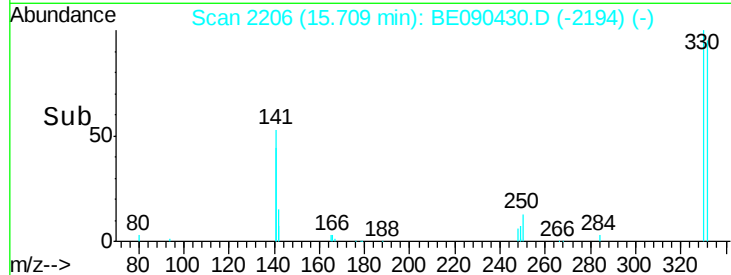
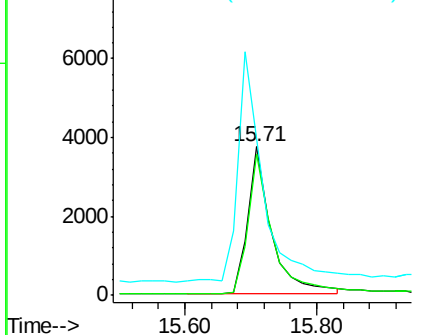
#13
 2,4,6-Tribromophenol
 Concen: 6.14 ng
 RT: 15.71 min Scan# 2206
 Delta R.T. 0.00 min
 Lab File: BE090430.D
 Acq: 11 Aug 2015 16:22

Instrument :
 BNA_E
 ClientSampleId :
 PB84961BL

Tgt Ion: 330 Resp: 9309
 Ion Ratio Lower Upper
 330 100
 332 96.8 75.8 113.6
 141 168.4 114.4 171.6

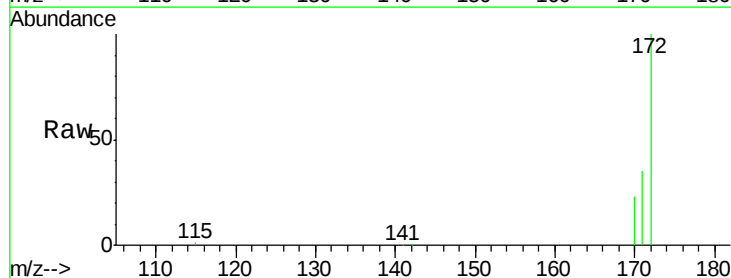


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

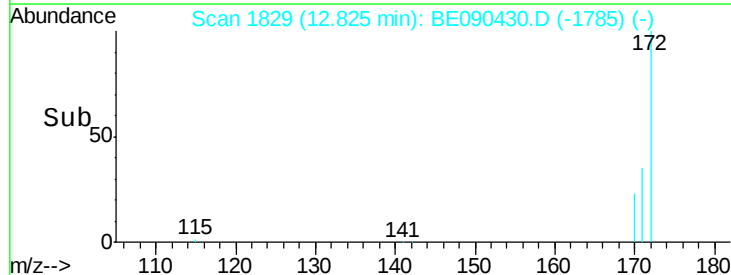
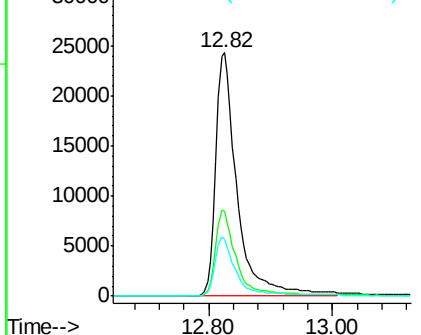


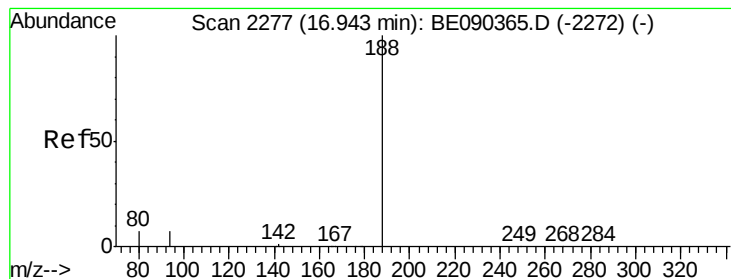
#14
 2-Fluorobiphenyl
 Concen: 3.79 ng
 RT: 12.82 min Scan# 1829
 Delta R.T. 0.00 min
 Lab File: BE090430.D
 Acq: 11 Aug 2015 16:22

Tgt Ion: 172 Resp: 58325
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.5 42.7
 170 23.3 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: BE090430.D

Acq: 11 Aug 2015 16:22

Instrument :

BNA_E

ClientSampleId :

PB84961BL

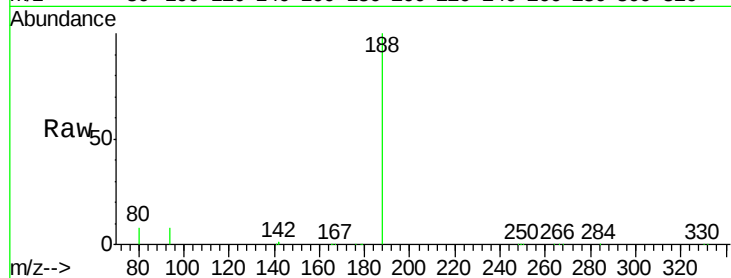
Tgt Ion:188 Resp: 131056

Ion Ratio Lower Upper

188 100

94 7.5 5.7 8.5

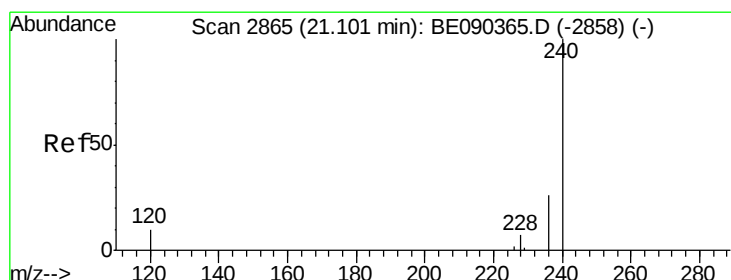
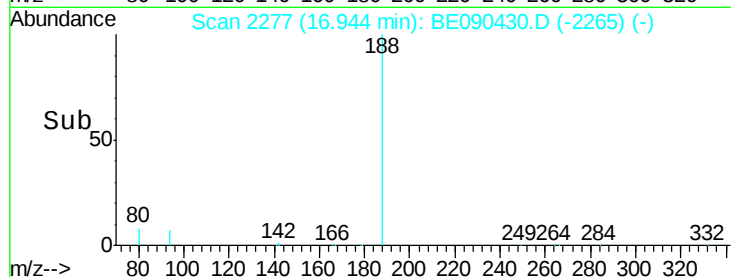
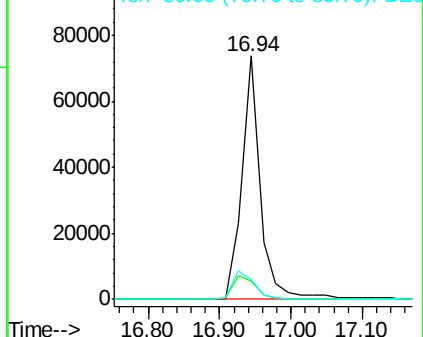
80 8.0 5.8 8.8



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: BE090430.D

Acq: 11 Aug 2015 16:22

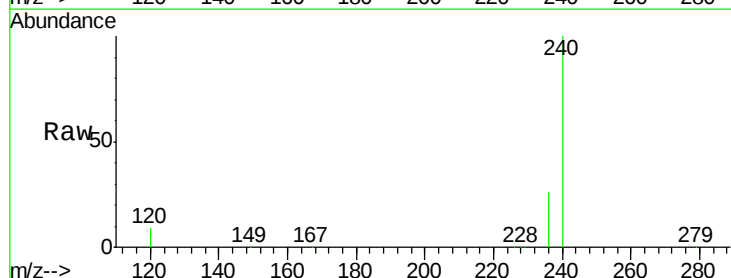
Tgt Ion:240 Resp: 140903

Ion Ratio Lower Upper

240 100

120 9.4 8.3 12.5

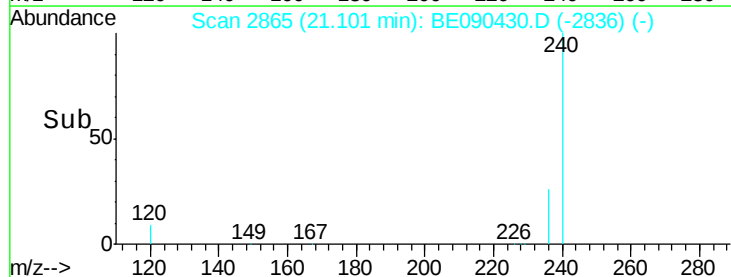
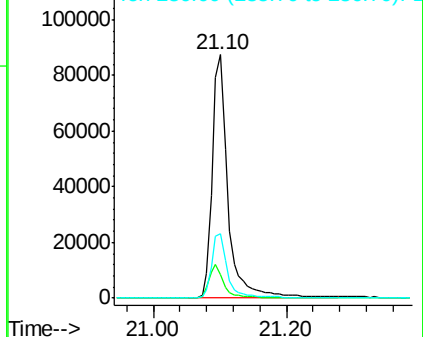
236 26.3 21.0 31.4



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

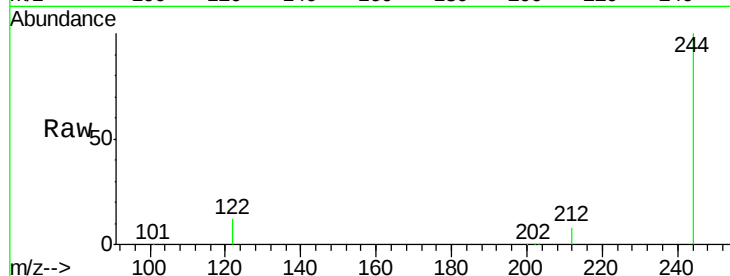




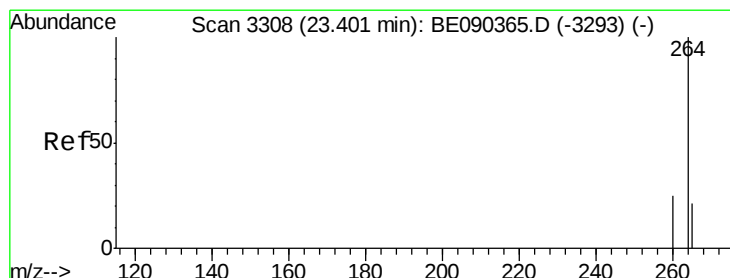
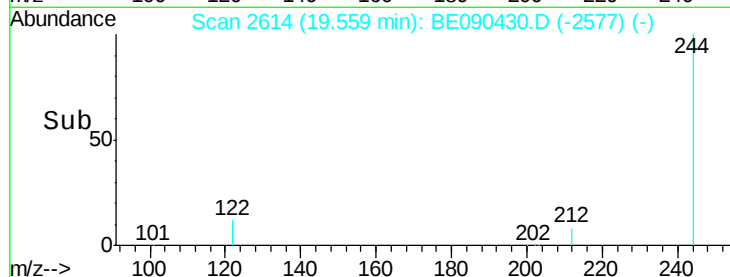
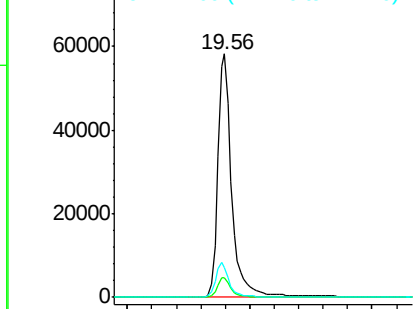
#27
 Terphenyl-d14
 Concen: 4.45 ng
 RT: 19.56 min Scan# 2614
 Delta R.T. -0.01 min
 Lab File: BE090430.D
 Acq: 11 Aug 2015 16:22

Instrument :
 BNA_E
 ClientSampleId :
 PB84961BL

Tgt Ion: 244 Resp: 92478
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.6 9.8
 122 12.1 10.2 15.4

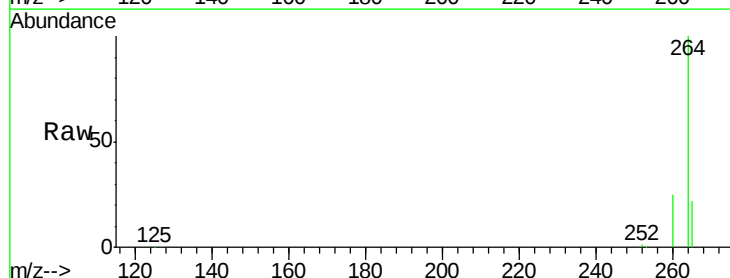


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#32
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.40 min Scan# 3307
 Delta R.T. -0.00 min
 Lab File: BE090430.D
 Acq: 11 Aug 2015 16:22

Tgt Ion: 264 Resp: 124726
 Ion Ratio Lower Upper
 264 100
 260 25.0 20.1 30.1
 265 22.0 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

