

Data Path : Z:\HPCHEM1\BNA E\DATA\BE080715\
 Data File : BE090398.D
 Acq On : 7 Aug 2015 15:26
 Operator : TP/UM
 Sample : PB84826BL
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB84826BL

Quant Time: Aug 07 23:27:52 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	18874	5.00	ng	0.00
6) Naphthalene-d8	10.35	136	80255	5.00	ng	0.00
12) Acenaphthene-d10	14.20	164	45151	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	112008	5.00	ng	0.00
25) Chrysene-d12	21.10	240	126982	5.00	ng	0.00
32) Perylene-d12	23.40	264	108525	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	23595	8.33	ng	0.00
5) Phenol-d6	6.77	99	34993	5.77	ng	0.00
7) Nitrobenzene-d5	8.74	82	21016	3.29	ng	0.00
13) 2,4,6-Tribromophenol	15.71	330	4675	4.35	ng	0.00
14) 2-Fluorobiphenyl	12.83	172	52124	4.20	ng	0.00
27) Terphenyl-d14	19.56	244	91333	4.88	ng	0.00

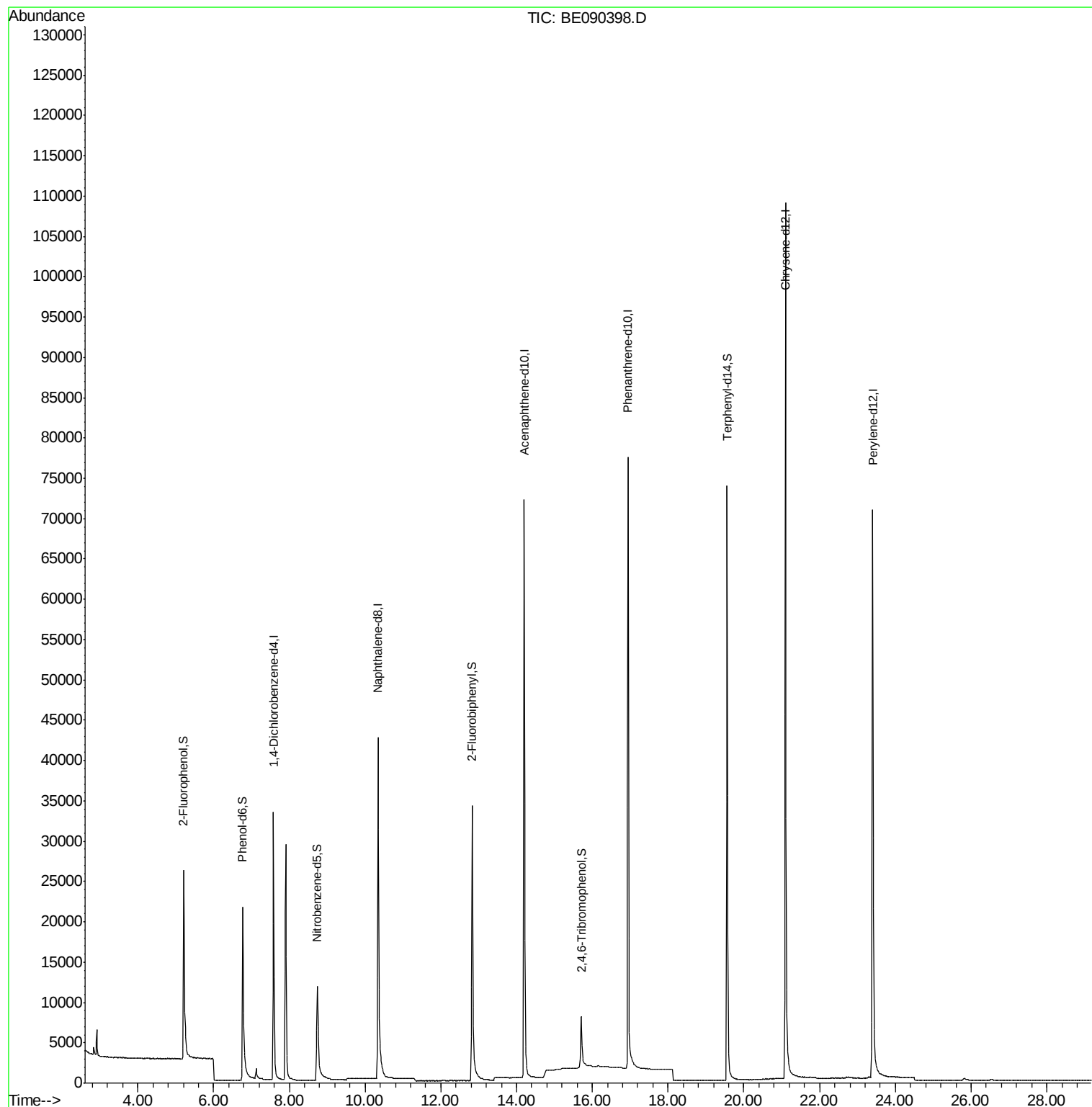
Target Compounds Qvalue

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

Data Path : Z:\HPCHEM1\BNA E\DATA\BE080715\
Data File : BE090398.D
Acq On : 7 Aug 2015 15:26
Operator : TP/UM
Sample : PB84826BL
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB84826BL

Quant Time: Aug 07 23:27:52 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





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.58 min Scan# 845

Delta R.T. -0.01 min

Lab File: BE090398.D

Acq: 7 Aug 2015 15:26

Instrument :

BNA_E

ClientSampleId :

PB84826BL

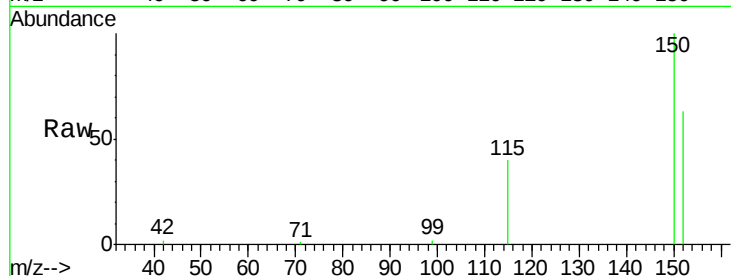
Tot Ion:152 Resp: 18874

Ion Ratio Lower Upper

152 100

150 157.9 123.0 184.4

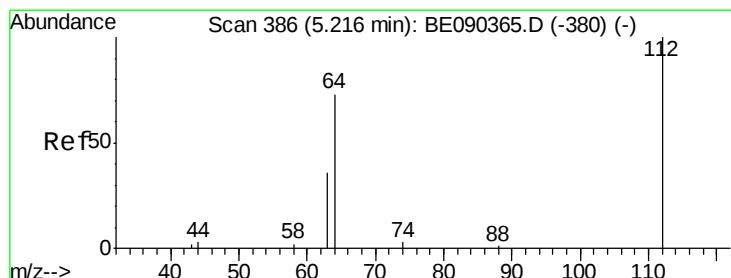
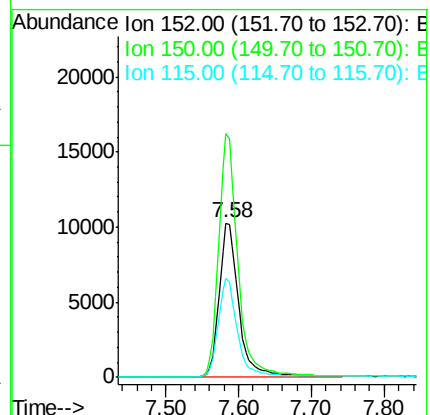
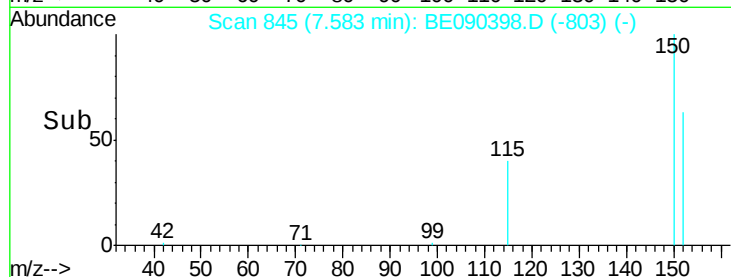
115 63.9 48.9 73.3



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: 8.33 ng

RT: 5.22 min Scan# 386

Delta R.T. 0.00 min

Lab File: BE090398.D

Acq: 7 Aug 2015 15:26

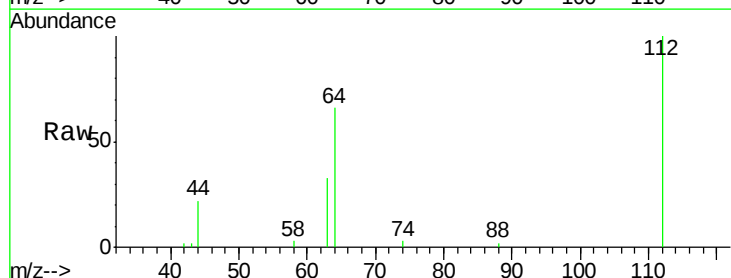
Tgt Ion:112 Resp: 23595

Ion Ratio Lower Upper

112 100

64 71.3 37.1 55.7#

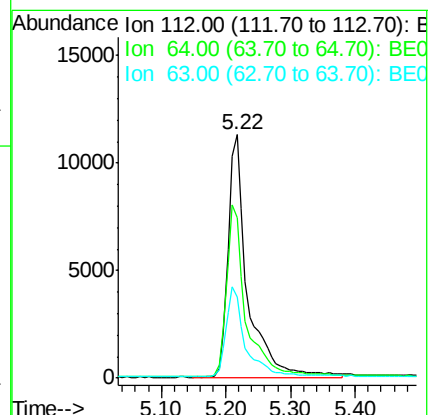
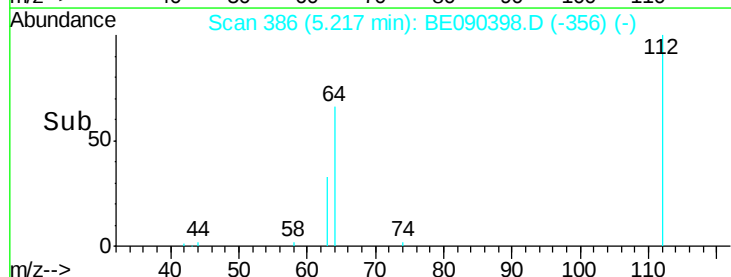
63 37.5 19.5 29.3#



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: 5.77 ng

RT: 6.77 min Scan# 667

Delta R.T. -0.01 min

Lab File: BE090398.D

Acq: 7 Aug 2015 15:26

Instrument :

BNA_E

ClientSampleId :

PB84826BL

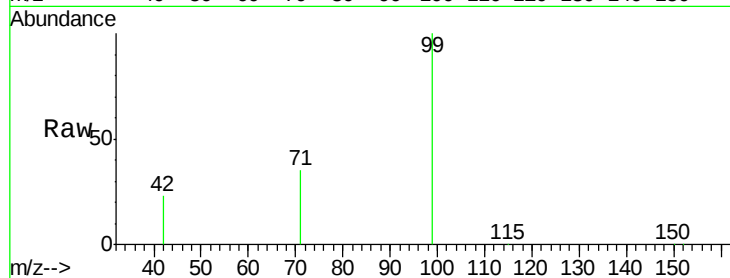
Tot Ion: 99 Resp: 34993

Ion Ratio Lower Upper

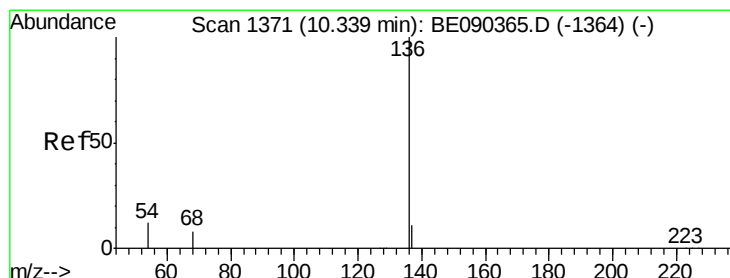
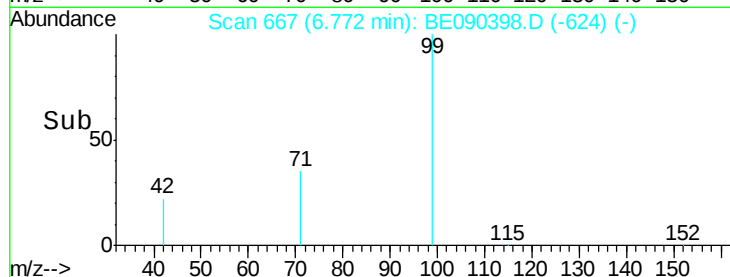
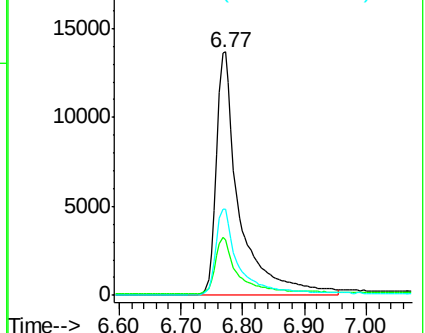
99 100

42 22.4 18.2 27.4

71 35.5 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: BE090398.D

Acq: 7 Aug 2015 15:26

Tgt Ion: 136 Resp: 80255

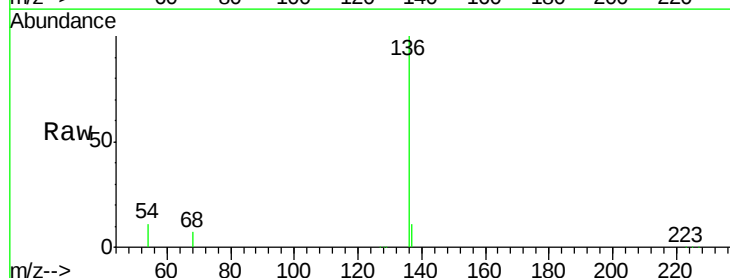
Ion Ratio Lower Upper

136 100

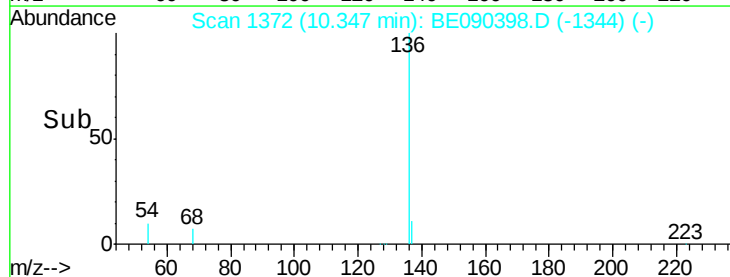
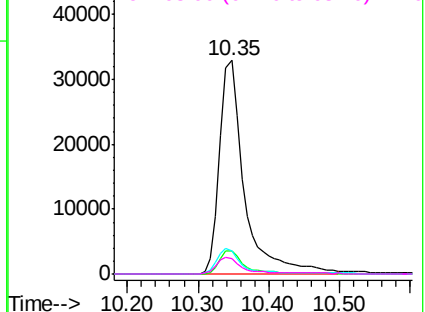
137 11.0 8.7 13.1

54 10.5 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: 3.29 ng

RT: 8.74 min Scan# 1095

Delta R.T. 0.01 min

Lab File: BE090398.D

Acq: 7 Aug 2015 15:26

Instrument :

BNA_E

ClientSampleId :

PB84826BL

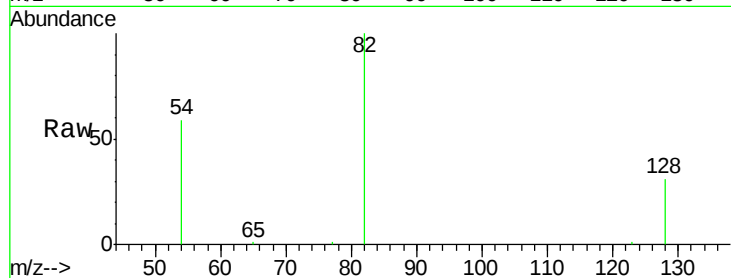
Tot Ion: 82 Resp: 21016

Ion Ratio Lower Upper

82 100

128 30.7 25.0 37.6

54 58.9 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

8.74

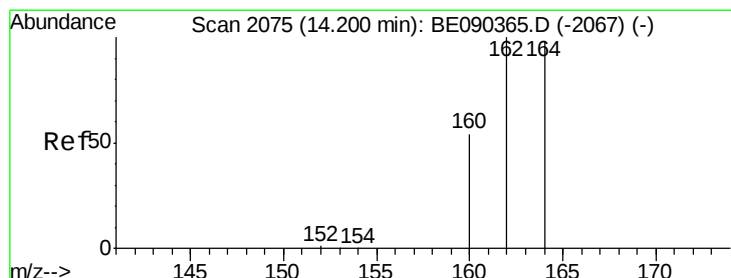
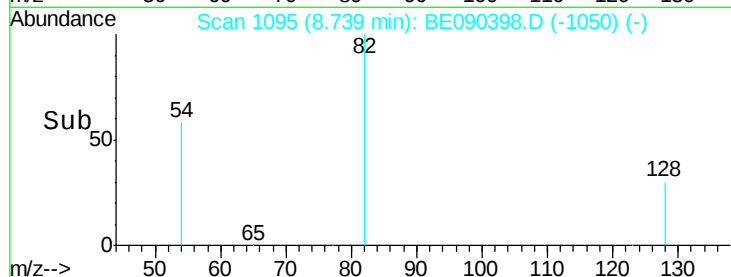
6000

4000

2000

0

Time--> 8.60 8.70 8.80 8.90 9.00



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.20 min Scan# 2075

Delta R.T. 0.00 min

Lab File: BE090398.D

Acq: 7 Aug 2015 15:26

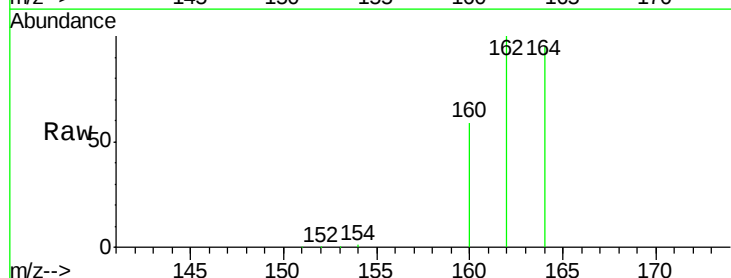
Tgt Ion: 164 Resp: 45151

Ion Ratio Lower Upper

164 100

162 105.6 81.8 122.8

160 62.3 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

14.20

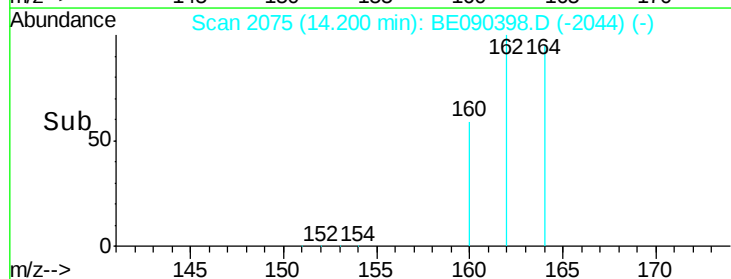
30000

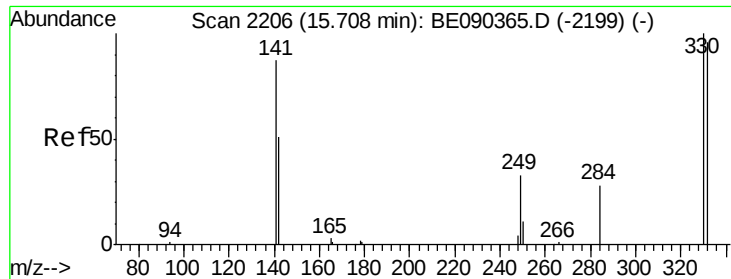
20000

10000

0

Time--> 14.20 14.40

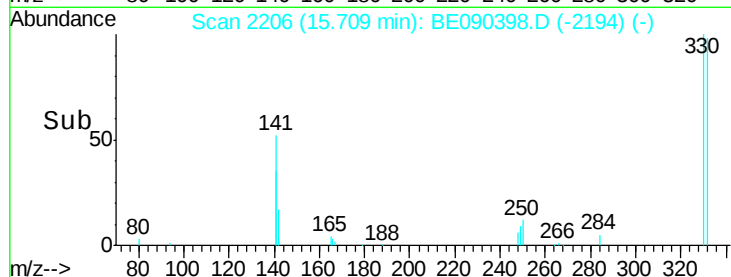
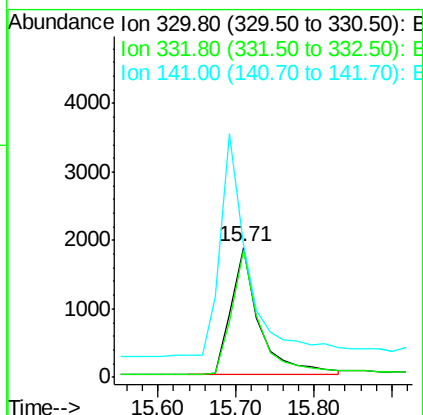
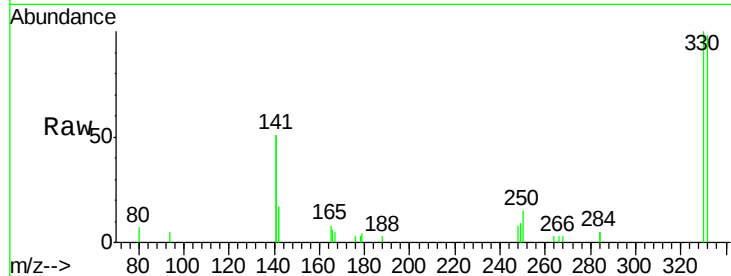




#13
 2,4,6-Tribromophenol
 Concen: 4.35 ng
 RT: 15.71 min Scan# 2206
 Delta R.T. 0.00 min
 Lab File: BE090398.D
 Acq: 7 Aug 2015 15:26

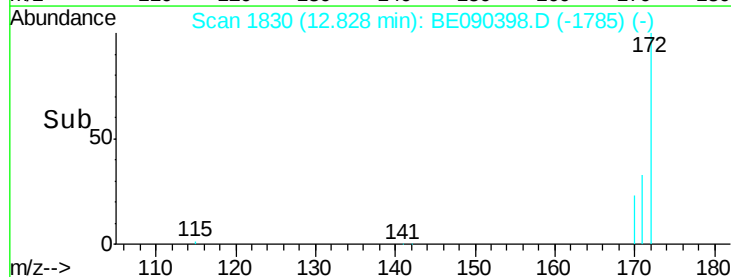
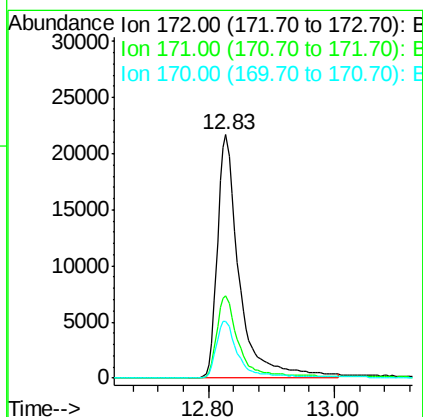
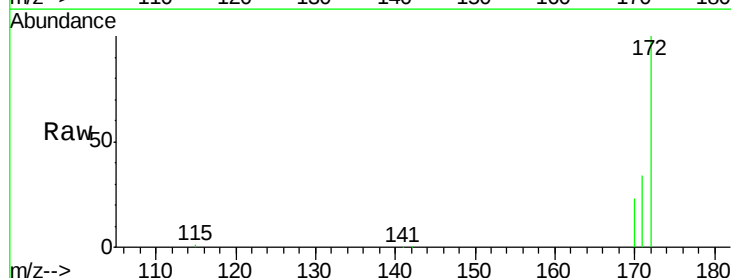
Instrument :
 BNA_E
 ClientSampleId :
 PB84826BL

Tot Ion:330 Resp: 4675
 Ion Ratio Lower Upper
 330 100
 332 97.2 75.8 113.6
 141 174.9 114.4 171.6#



#14
 2-Fluorobiphenyl
 Concen: 4.20 ng
 RT: 12.83 min Scan# 1830
 Delta R.T. 0.00 min
 Lab File: BE090398.D
 Acq: 7 Aug 2015 15:26

Tgt Ion:172 Resp: 52124
 Ion Ratio Lower Upper
 172 100
 171 33.6 28.5 42.7
 170 23.2 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: BE090398.D

Acq: 7 Aug 2015 15:26

Instrument :

BNA_E

ClientSampleId :

PB84826BL

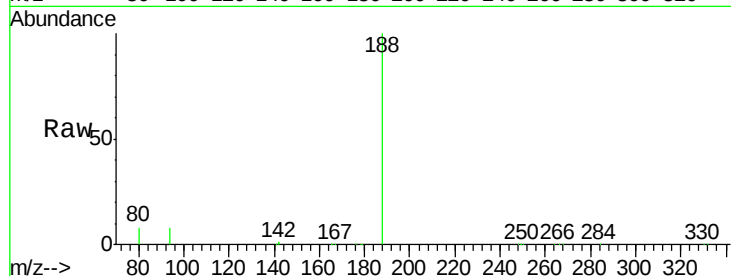
Tot Ion:188 Resp: 112008

Ion Ratio Lower Upper

188 100

94 7.8 5.7 8.5

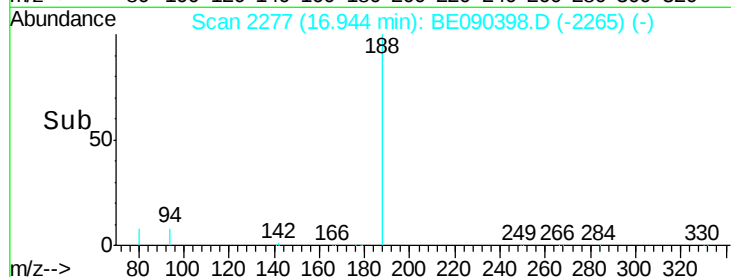
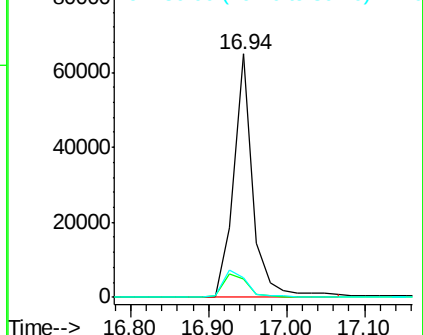
80 8.2 5.8 8.8



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: BE090398.D

Acq: 7 Aug 2015 15:26

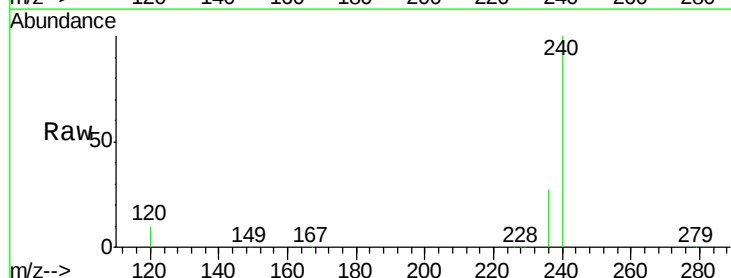
Tgt Ion:240 Resp: 126982

Ion Ratio Lower Upper

240 100

120 10.2 8.3 12.5

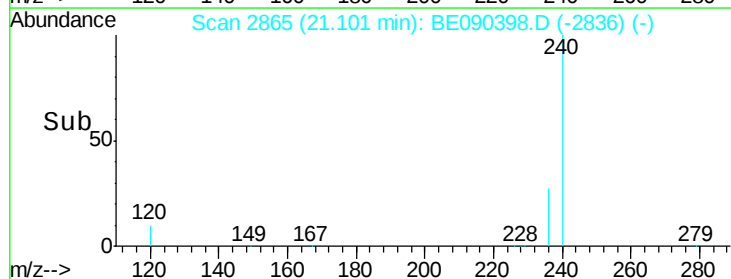
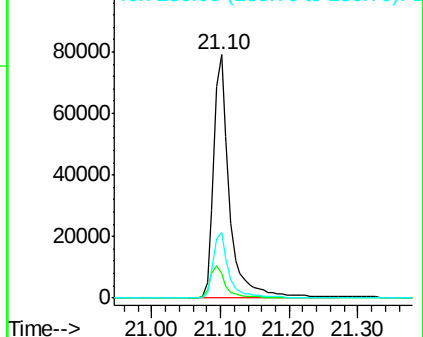
236 26.8 21.0 31.4

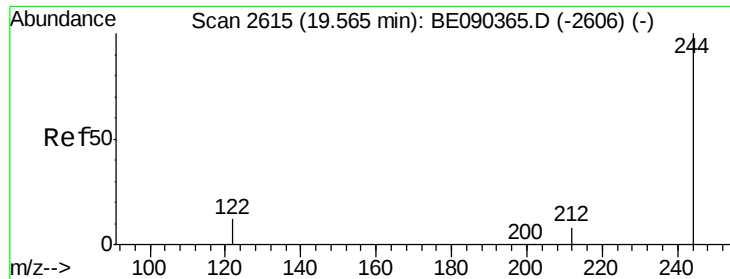


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

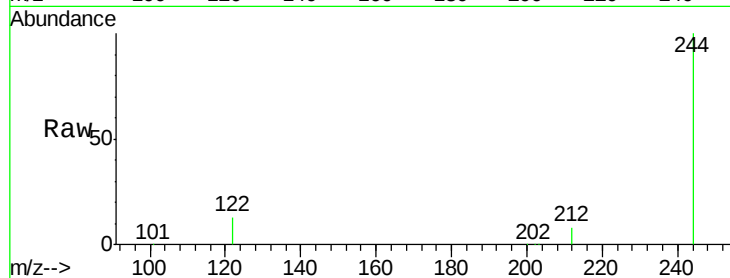




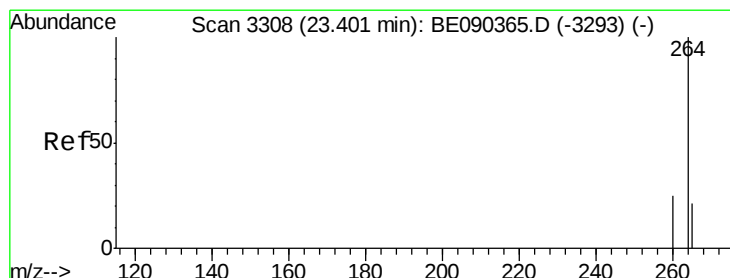
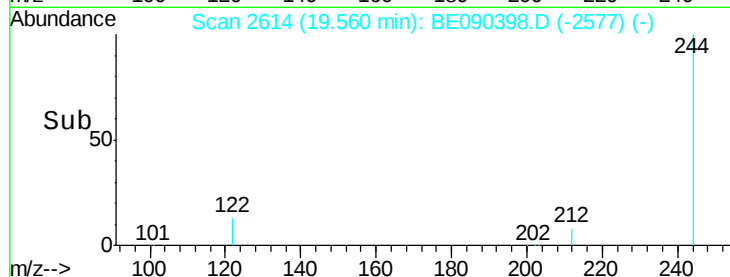
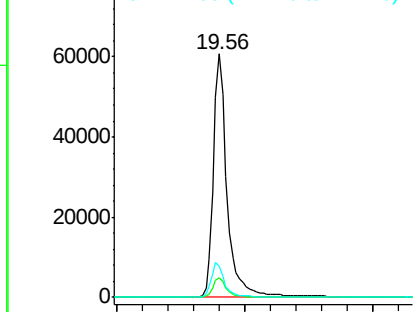
#27
 Terphenyl-d14
 Concen: 4.88 ng
 RT: 19.56 min Scan# 2614
 Delta R.T. -0.01 min
 Lab File: BE090398.D
 Acq: 7 Aug 2015 15:26

Instrument :
 BNA_E
 ClientSampleId :
 PB84826BL

Tot Ion:244 Resp: 91333
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.6 9.8
 122 12.8 10.2 15.4

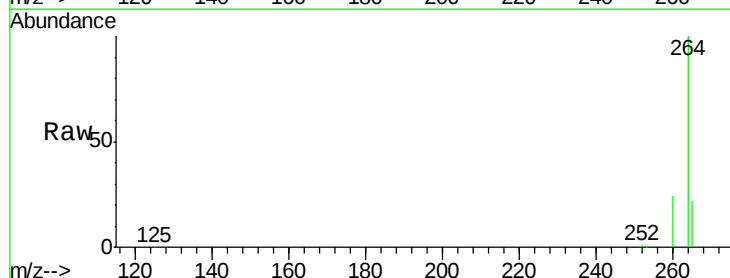


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#32
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.40 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: BE090398.D
 Acq: 7 Aug 2015 15:26

Tgt Ion:264 Resp: 108525
 Ion Ratio Lower Upper
 264 100
 260 24.4 20.1 30.1
 265 21.5 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

