

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081015\
 Data File : BE090423.D
 Acq On : 11 Aug 2015 4:37
 Operator : TP/UM
 Sample : PB84906BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB84906BL

Quant Time: Aug 11 07:23:00 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	29259	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	136220	5.00	ng	0.00
12) Acenaphthene-d10	14.20	164	81130	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	187524	5.00	ng	0.00
25) Chrysene-d12	21.09	240	210139	5.00	ng	0.00
32) Perylene-d12	23.40	264	195219	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	34030	7.75	ng	0.00
5) Phenol-d6	6.77	99	49788	5.31	ng	0.00
7) Nitrobenzene-d5	8.73	82	27067	2.54	ng	0.00
13) 2,4,6-Tribromophenol	15.71	330	13169	6.02	ng	0.00
14) 2-Fluorobiphenyl	12.82	172	64848	2.91	ng	0.00
27) Terphenyl-d14	19.56	244	111483	3.60	ng	0.00

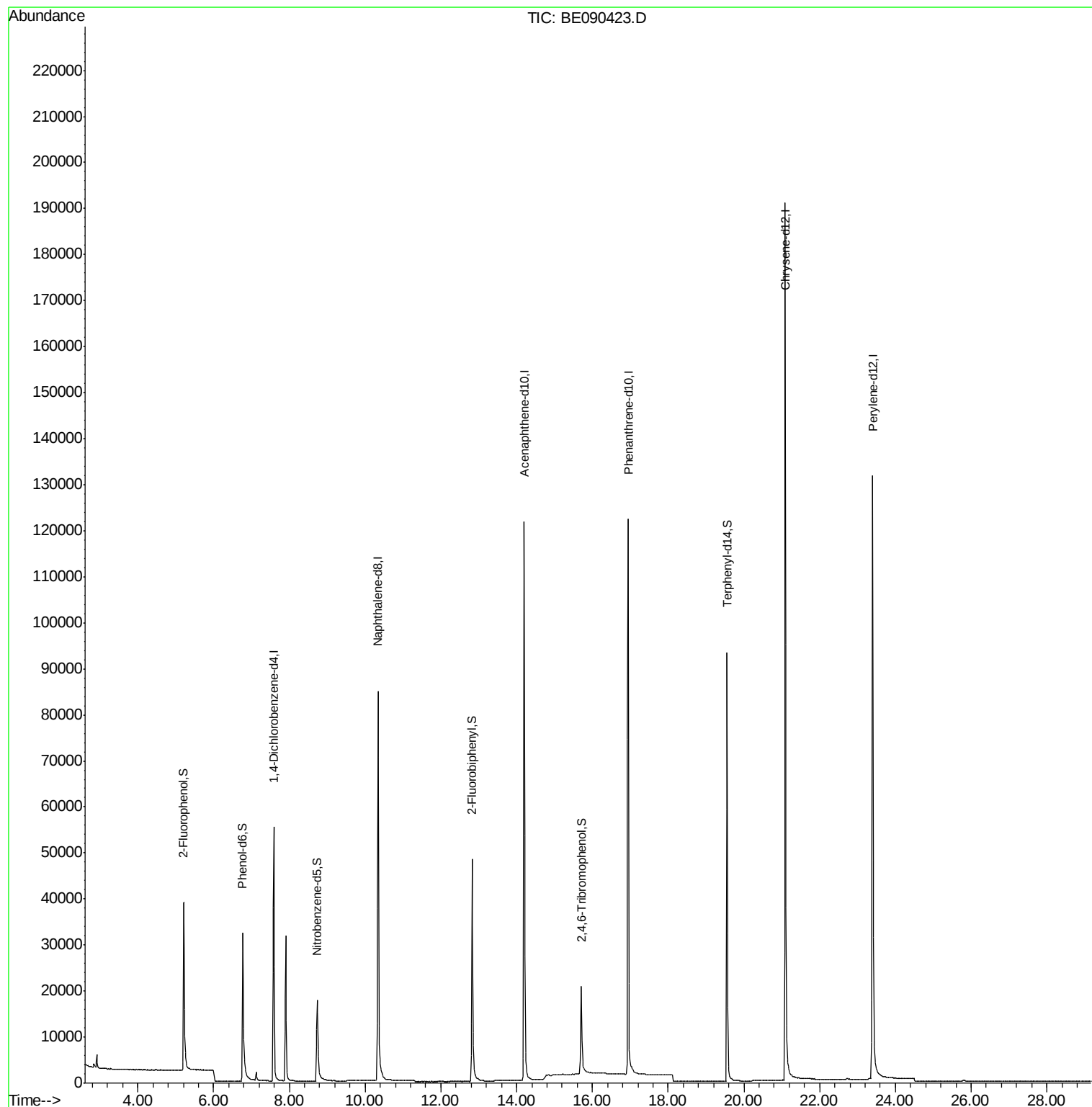
Target Compounds Qvalue

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

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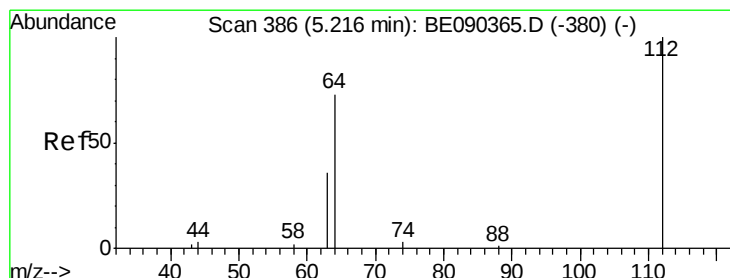
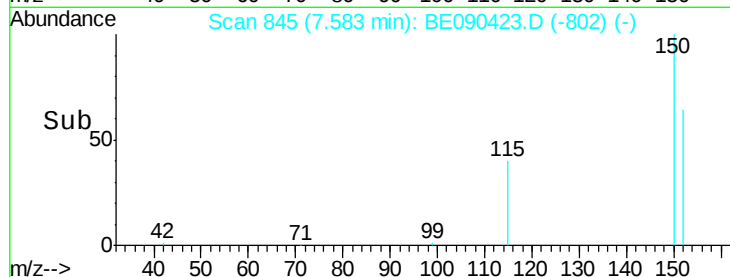
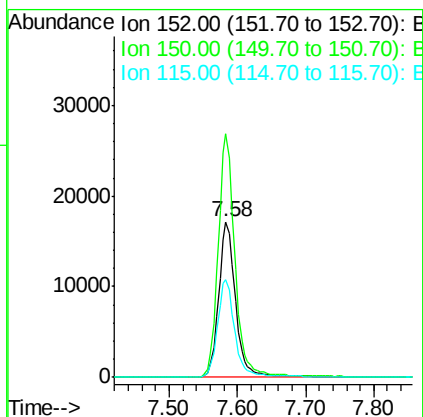
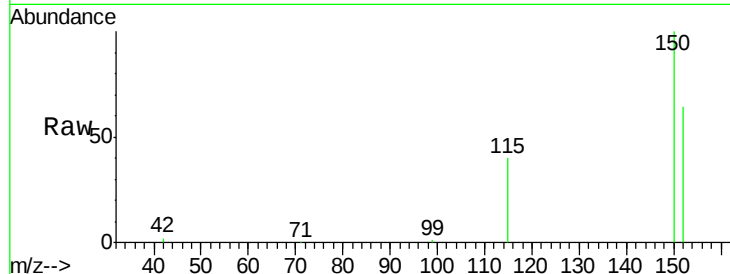


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.58 min Scan# 845
Delta R.T. -0.01 min
Lab File: BE090423.D
Acq: 11 Aug 2015 4:37

Instrument :
BNA_E
ClientSampleId :
PB84906BL

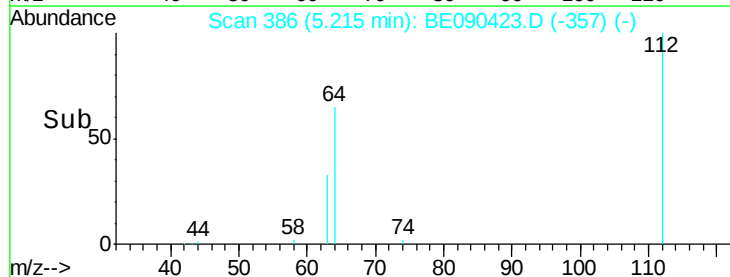
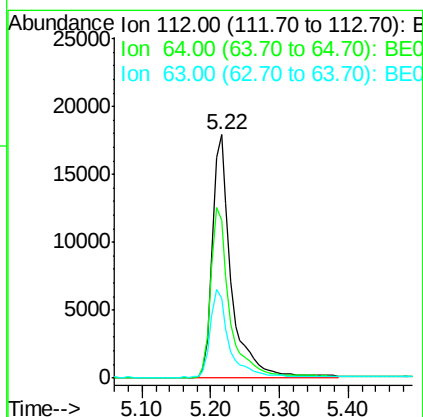
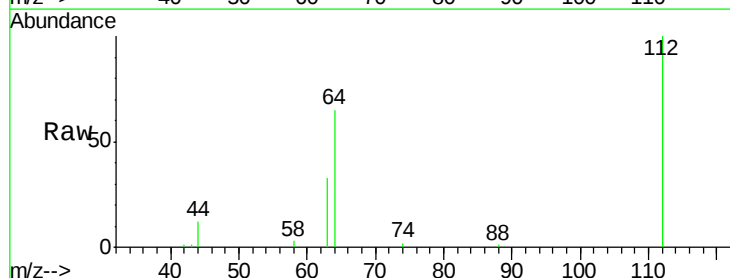
Tot Ion:152 Resp: 29259
Ion Ratio Lower Upper
152 100
150 156.6 123.0 184.4
115 62.9 48.9 73.3



#4

2-Fluorophenol
Concen: 7.75 ng
RT: 5.22 min Scan# 386
Delta R.T. -0.00 min
Lab File: BE090423.D
Acq: 11 Aug 2015 4:37

Tgt Ion:112 Resp: 34030
Ion Ratio Lower Upper
112 100
64 70.2 37.1 55.7#
63 36.2 19.5 29.3#





#5

Phenol-d6

Concen: 5.31 ng

RT: 6.77 min Scan# 666

Delta R.T. -0.01 min

Lab File: BE090423.D

Acq: 11 Aug 2015 4:37

Instrument :

BNA_E

ClientSampled :

PB84906BL

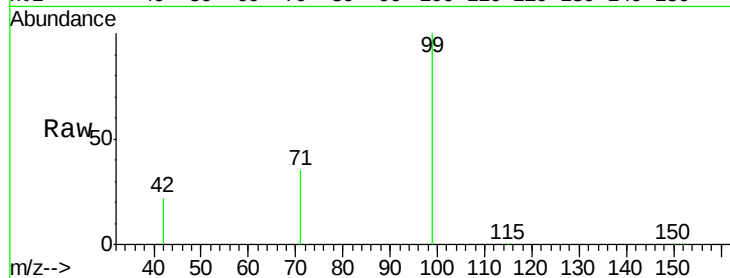
Tot Ion: 99 Resp: 49788

Ion Ratio Lower Upper

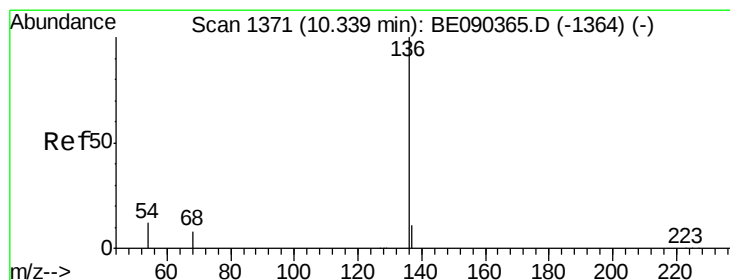
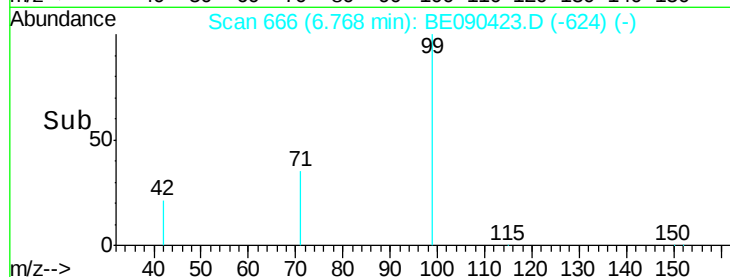
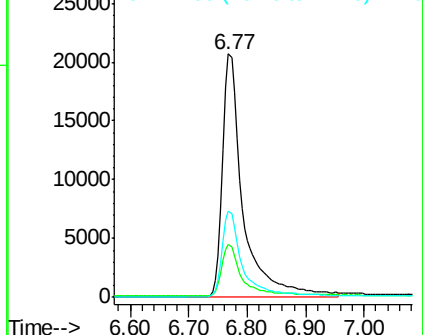
99 100

42 20.8 18.2 27.4

71 35.1 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: BE090423.D

Acq: 11 Aug 2015 4:37

Tgt Ion: 136 Resp: 136220

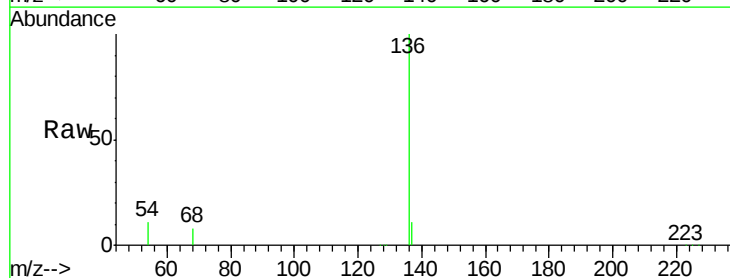
Ion Ratio Lower Upper

136 100

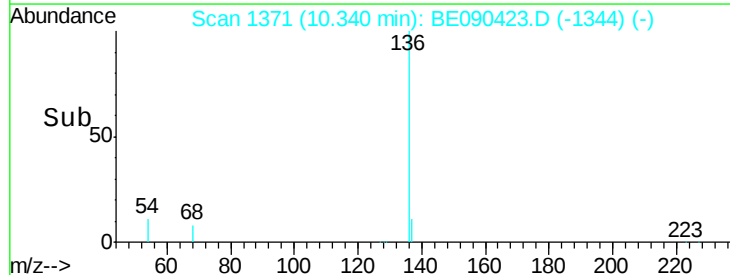
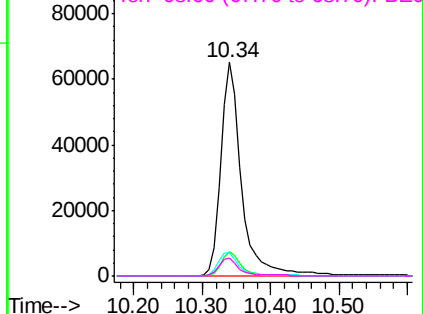
137 11.1 8.7 13.1

54 11.0 9.4 14.0

68 8.1 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: 2.54 ng

RT: 8.73 min Scan# 1094

Delta R.T. 0.00 min

Lab File: BE090423.D

Acq: 11 Aug 2015 4:37

Instrument :

BNA_E

ClientSampleId :

PB84906BL

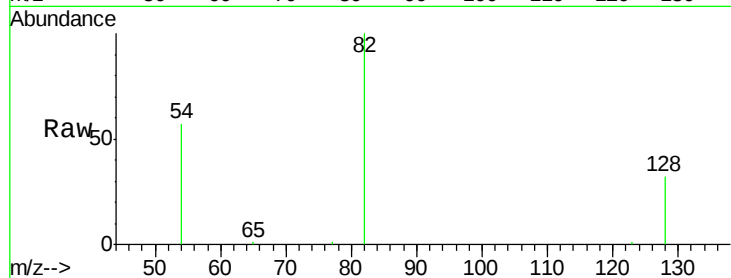
Tot Ion: 82 Resp: 27067

Ion Ratio Lower Upper

82 100

128 31.7 25.0 37.6

54 57.1 48.8 73.2



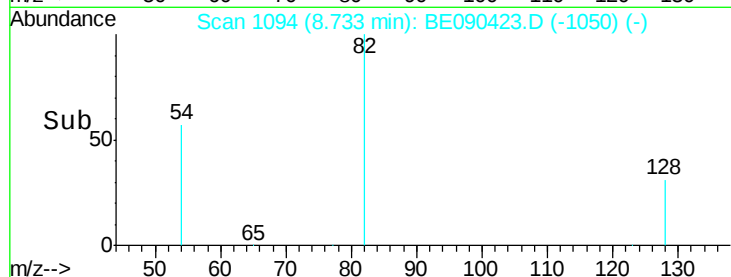
Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0

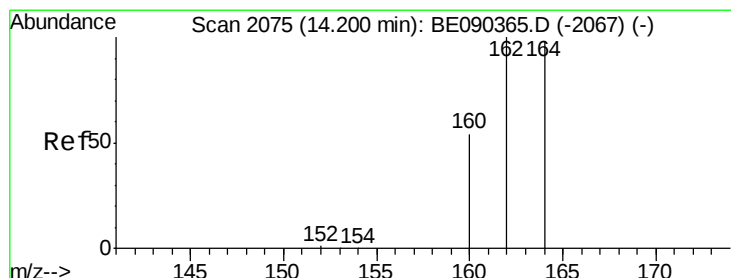
8.73

Time-->



8.73

Time-->



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.20 min Scan# 2075

Delta R.T. -0.00 min

Lab File: BE090423.D

Acq: 11 Aug 2015 4:37

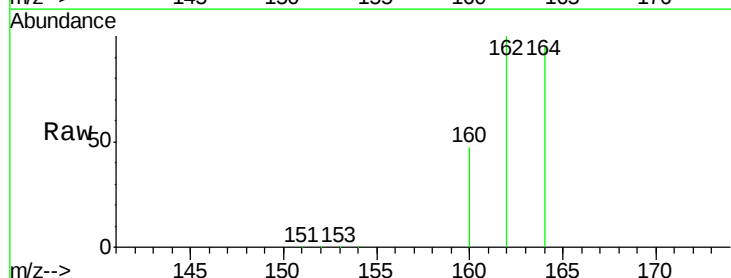
Tgt Ion: 164 Resp: 81130

Ion Ratio Lower Upper

164 100

162 105.4 81.8 122.8

160 49.5 44.2 66.4



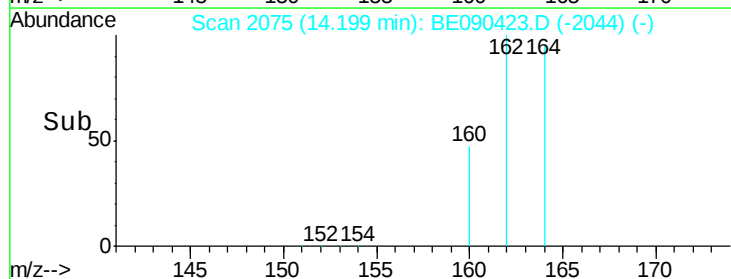
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

14.20

Time-->



14.20

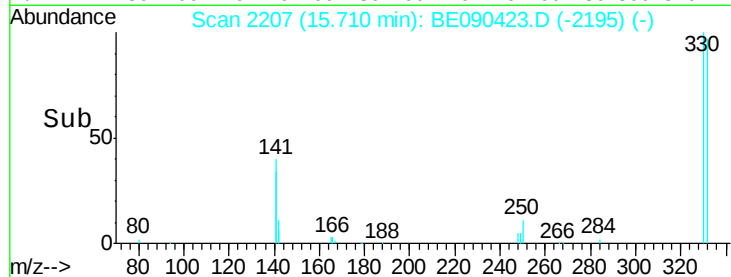
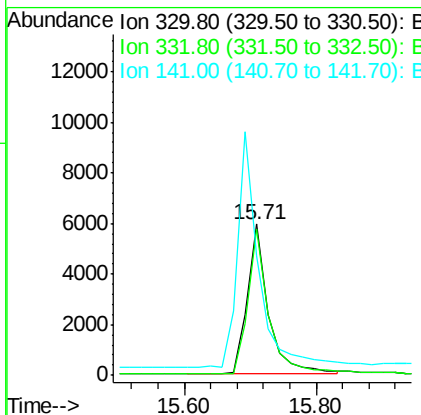
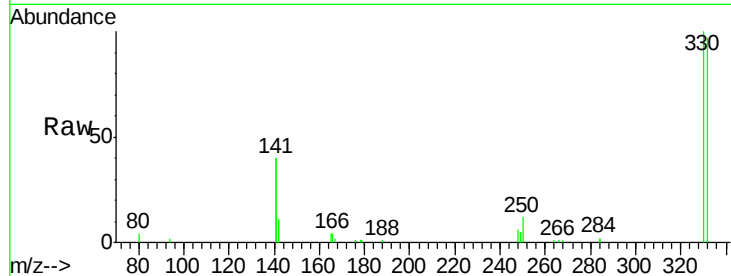
Time-->



#13
 2,4,6-Tribromophenol
 Concen: 6.02 ng
 RT: 15.71 min Scan# 2207
 Delta R.T. 0.00 min
 Lab File: BE090423.D
 Acq: 11 Aug 2015 4:37

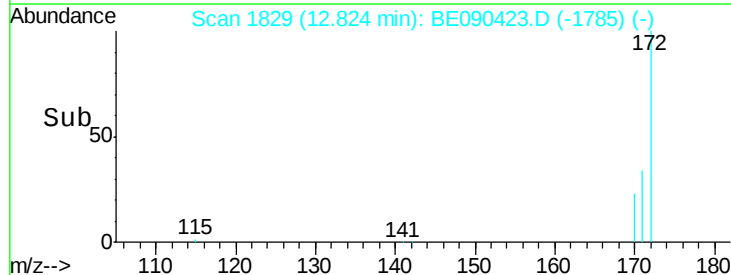
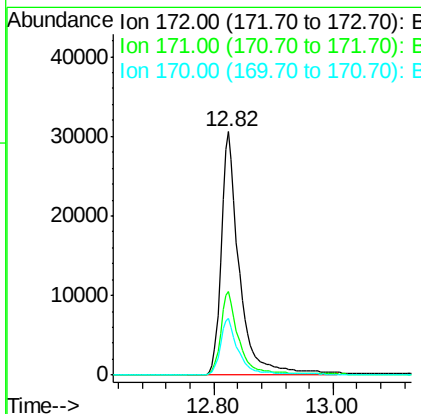
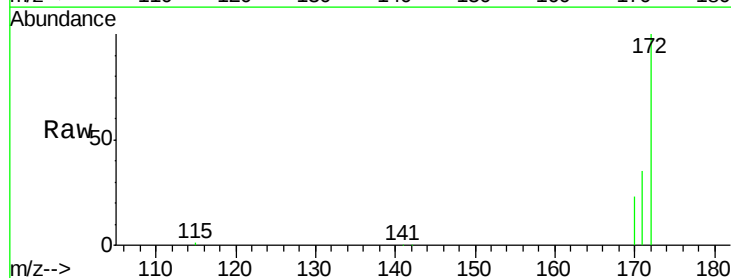
Instrument :
 BNA_E
 ClientSampleId :
 PB84906BL

Tot Ion:330 Resp: 13169
 Ion Ratio Lower Upper
 330 100
 332 96.2 75.8 113.6
 141 157.4 114.4 171.6



#14
 2-Fluorobiphenyl
 Concen: 2.91 ng
 RT: 12.82 min Scan# 1829
 Delta R.T. 0.00 min
 Lab File: BE090423.D
 Acq: 11 Aug 2015 4:37

Tgt Ion:172 Resp: 64848
 Ion Ratio Lower Upper
 172 100
 171 34.5 28.5 42.7
 170 23.2 19.8 29.8

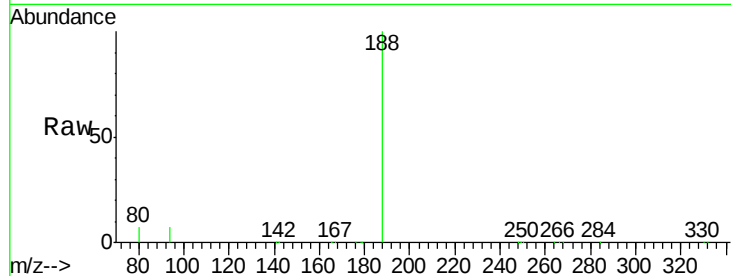




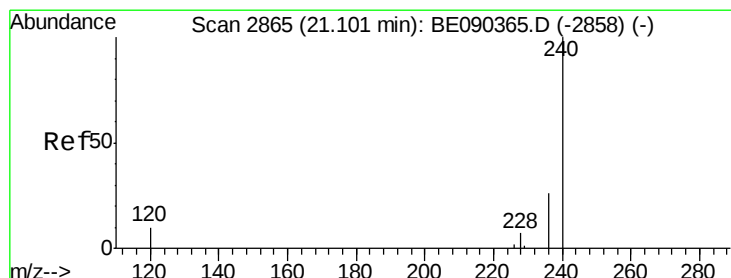
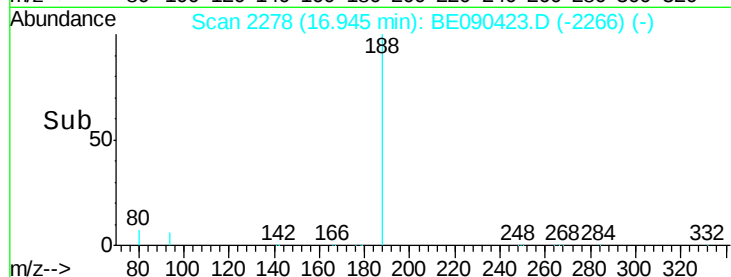
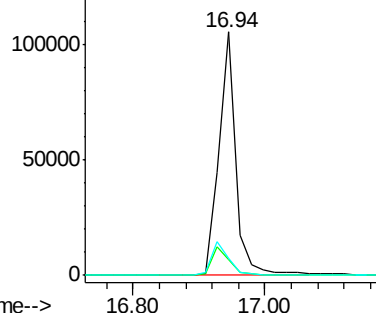
#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 2278
Delta R.T. 0.00 min
Lab File: BE090423.D
Acq: 11 Aug 2015 4:37

Instrument :
BNA_E
ClientSampled :
PB84906BL

Tot Ion:188 Resp: 187524
Ion Ratio Lower Upper
188 100
94 6.6 5.7 8.5
80 7.1 5.8 8.8

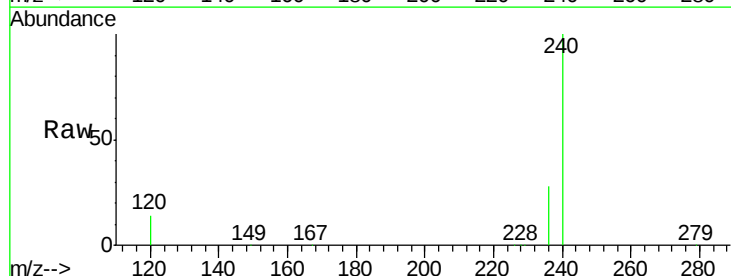


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE0
Ion 80.00 (79.70 to 80.70): BE0

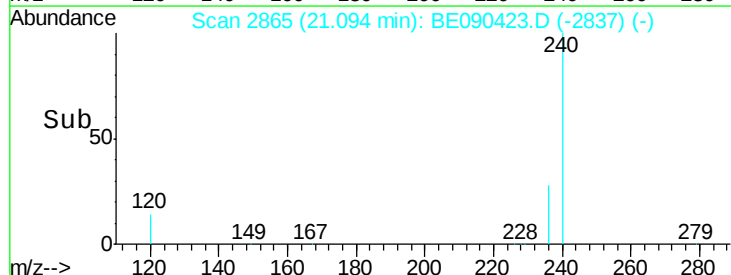
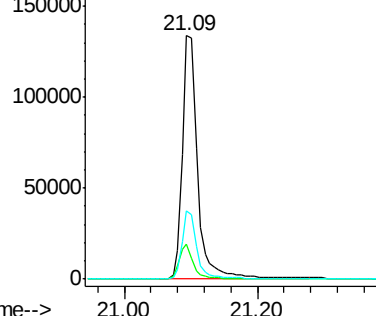


#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.09 min Scan# 2865
Delta R.T. -0.01 min
Lab File: BE090423.D
Acq: 11 Aug 2015 4:37

Tgt Ion:240 Resp: 210139
Ion Ratio Lower Upper
240 100
120 14.2 8.3 12.5#
236 27.9 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: 3.60 ng

RT: 19.56 min Scan# 2615

Delta R.T. -0.01 min

Lab File: BE090423.D

Acq: 11 Aug 2015 4:37

Instrument :

BNA_E

ClientSampleId :

PB84906BL

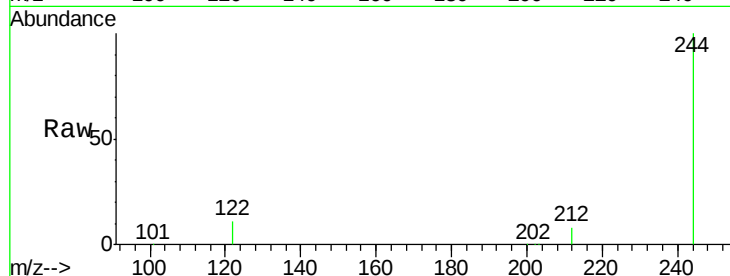
Tot Ion:244 Resp: 111483

Ion Ratio Lower Upper

244 100

212 7.9 6.6 9.8

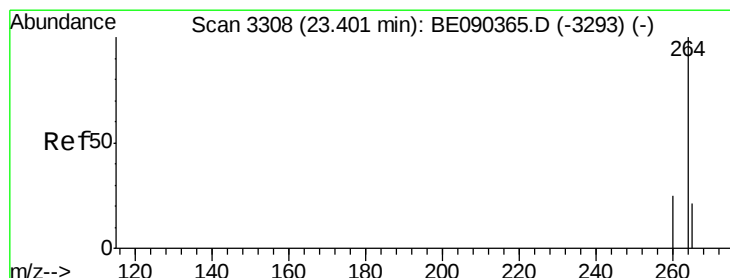
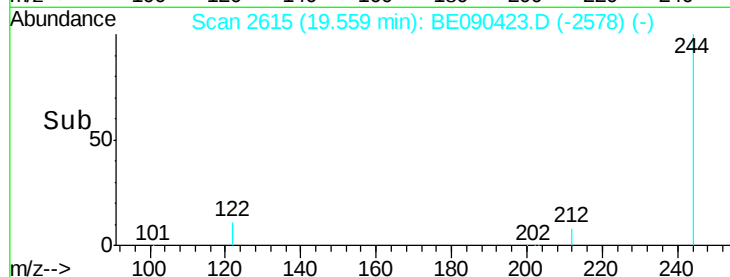
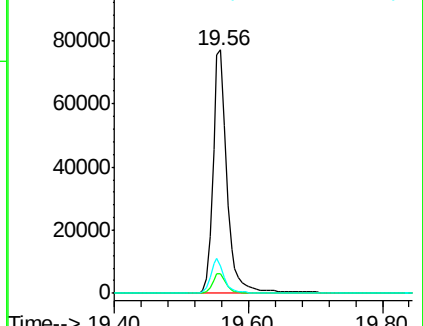
122 11.2 10.2 15.4



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# 3309

Delta R.T. -0.00 min

Lab File: BE090423.D

Acq: 11 Aug 2015 4:37

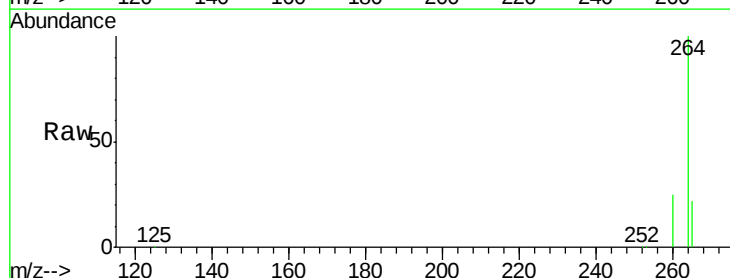
Tgt Ion:264 Resp: 195219

Ion Ratio Lower Upper

264 100

260 24.9 20.1 30.1

265 21.6 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

