

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE082015\
 Data File : BE090572.D
 Acq On : 20 Aug 2015 13:08
 Operator : UM/IZ
 Sample : PB85108BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB85108BL

Quant Time: Aug 21 01:34:06 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE081415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 14 16:52:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	23272	5.00	ng	-0.01
6) Naphthalene-d8	10.33	136	107338	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	63346	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	159907	5.00	ng	0.00
25) Chrysene-d12	21.09	240	198380	5.00	ng	0.00
32) Perylene-d12	23.40	264	185028	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.20	112	35120	5.22	ng	-0.01
5) Phenol-d6	6.76	99	48350	4.89	ng	-0.01
7) Nitrobenzene-d5	8.71	82	23464	2.74	ng	0.00
13) 2,4,6-Tribromophenol	15.69	330	19468	7.99	ng	-0.02
14) 2-Fluorobiphenyl	12.81	172	47274	2.50	ng	0.00
27) Terphenyl-d14	19.55	244	89509	2.47	ng	0.00

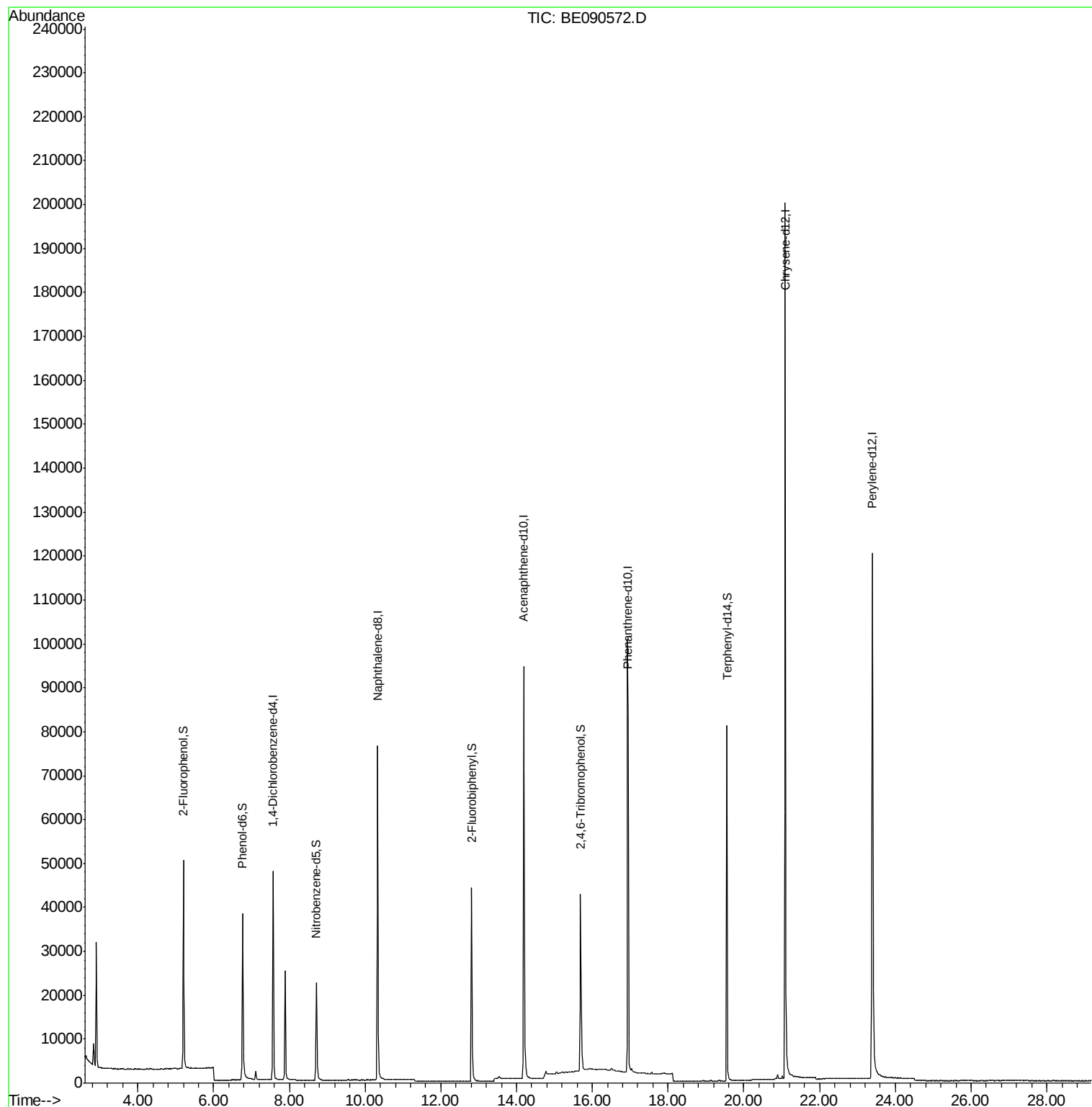
Target Compounds	Qvalue
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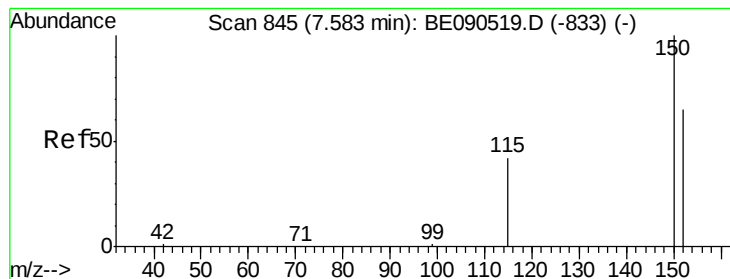
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.57 min Scan# 842

Delta R.T. -0.01 min

Lab File: BE090572.D

Acq: 20 Aug 2015 13:08

Instrument :

BNA_E

ClientSampleId :

PB85108BL

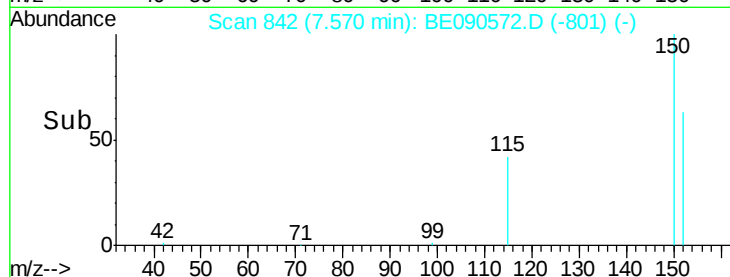
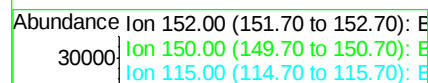
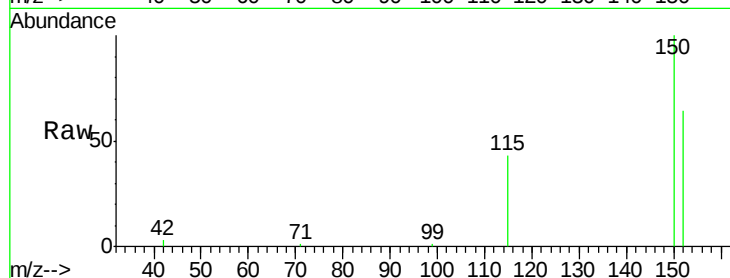
Tgt Ion:152 Resp: 23272

Ion Ratio Lower Upper

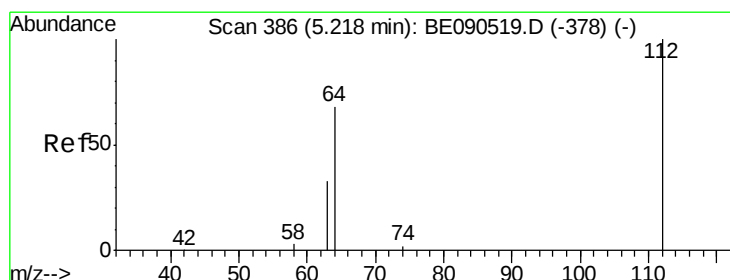
152 100

150 157.3 123.0 184.4

115 67.0 48.9 73.3



Time-->



#4

2-Fluorophenol

Concen: 5.22 ng

RT: 5.20 min Scan# 384

Delta R.T. -0.01 min

Lab File: BE090572.D

Acq: 20 Aug 2015 13:08

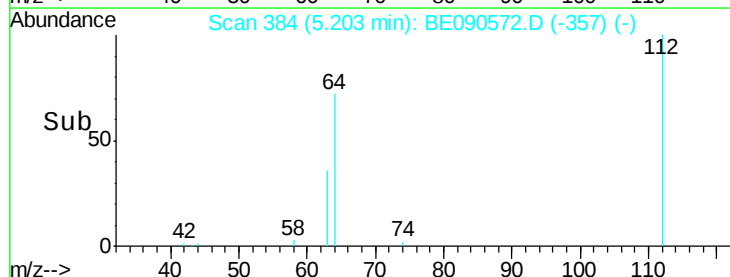
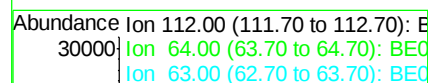
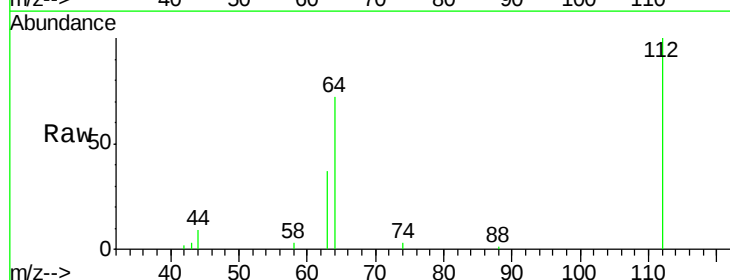
Tgt Ion:112 Resp: 35120

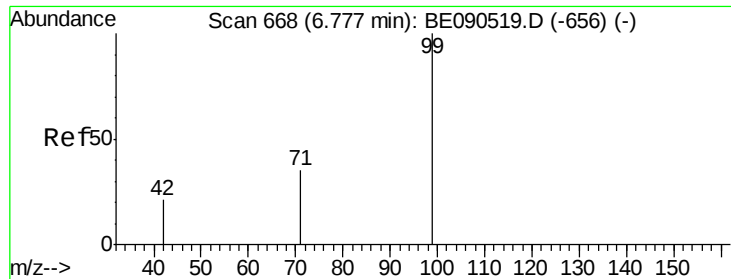
Ion Ratio Lower Upper

112 100

64 70.1 37.1 55.7#

63 35.4 19.5 29.3#





#5

Phenol-d6

Concen: 4.89 ng

RT: 6.76 min Scan# 665

Delta R.T. -0.01 min

Lab File: BE090572.D

Acq: 20 Aug 2015 13:08

Instrument :

BNA_E

ClientSampleId :

PB85108BL

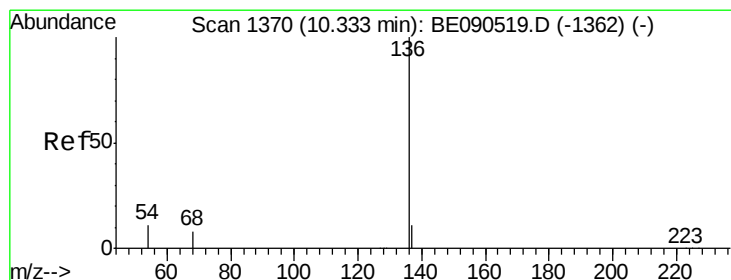
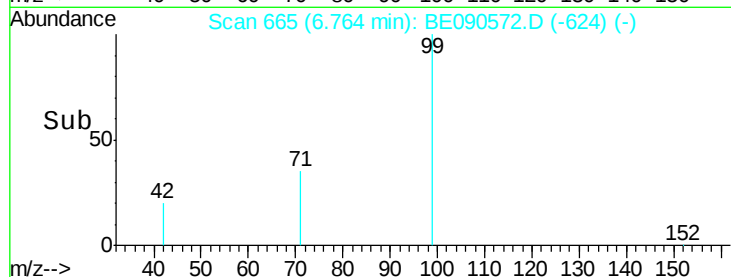
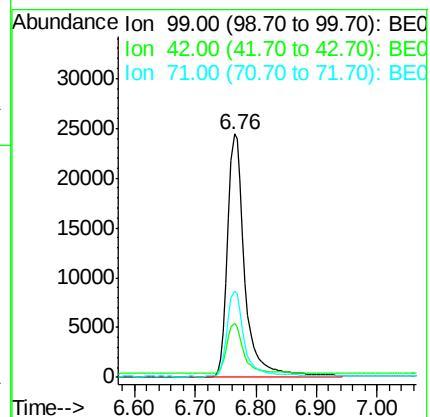
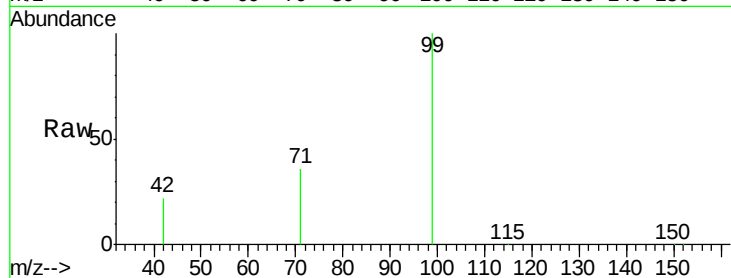
Tgt Ion: 99 Resp: 48350

Ion Ratio Lower Upper

99 100

42 20.1 18.2 27.4

71 35.1 27.4 41.0



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.33 min Scan# 1370

Delta R.T. -0.00 min

Lab File: BE090572.D

Acq: 20 Aug 2015 13:08

Tgt Ion: 136 Resp: 107338

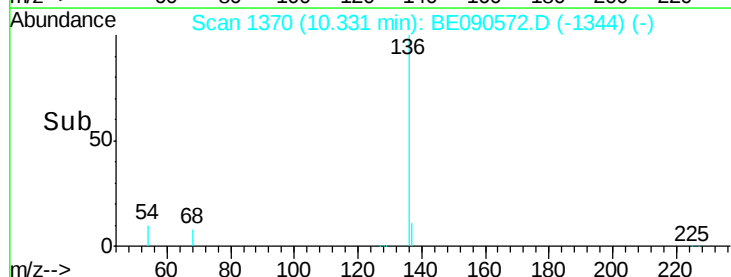
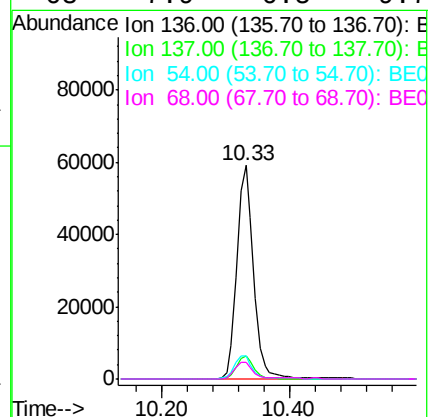
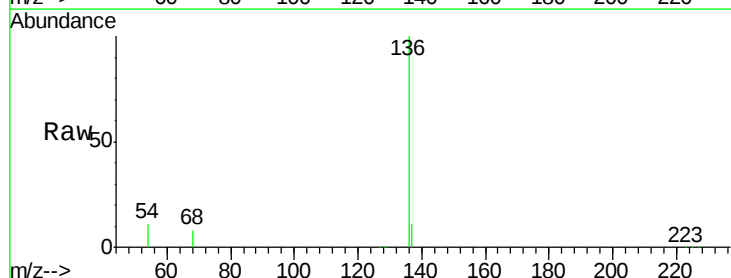
Ion Ratio Lower Upper

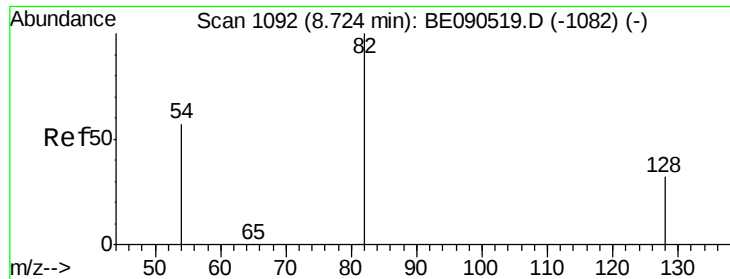
136 100

137 10.9 8.7 13.1

54 10.5 9.4 14.0

68 7.9 6.5 9.7





#7

Nitrobenzene-d5

Concen: 2.74 ng

RT: 8.71 min Scan# 1090

Delta R.T. -0.01 min

Lab File: BE090572.D

Acq: 20 Aug 2015 13:08

Instrument :

BNA_E

ClientSampleId :

PB85108BL

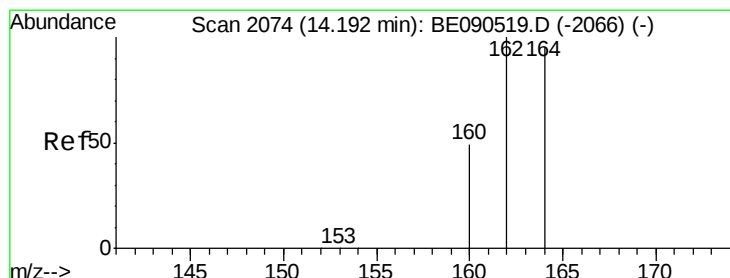
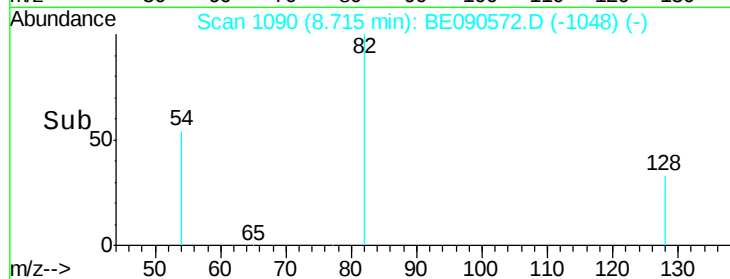
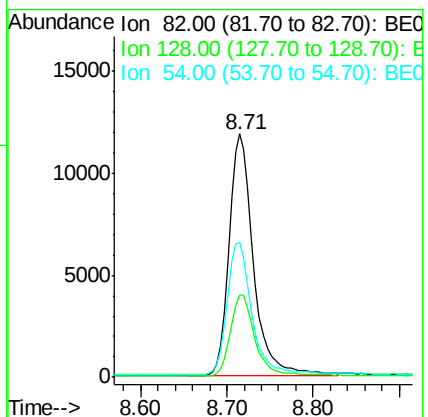
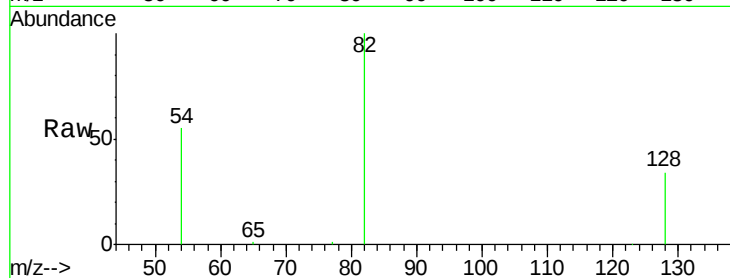
Tgt Ion: 82 Resp: 23464

Ion Ratio Lower Upper

82 100

128 33.8 25.0 37.6

54 55.2 48.8 73.2



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.19 min Scan# 2074

Delta R.T. 0.00 min

Lab File: BE090572.D

Acq: 20 Aug 2015 13:08

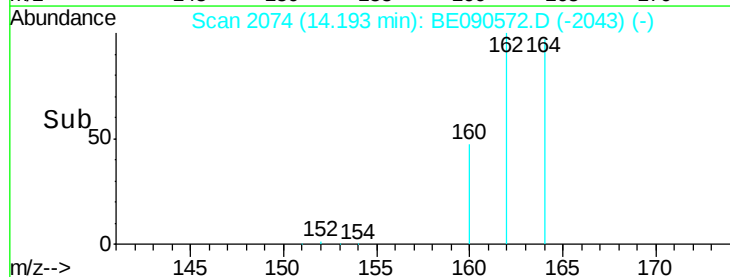
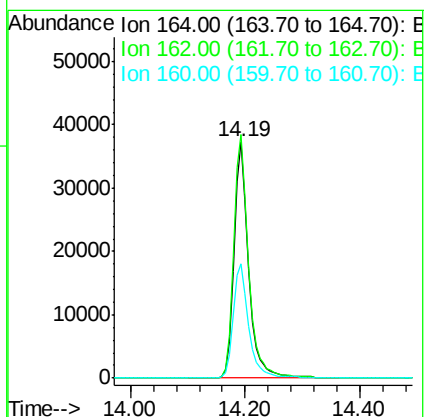
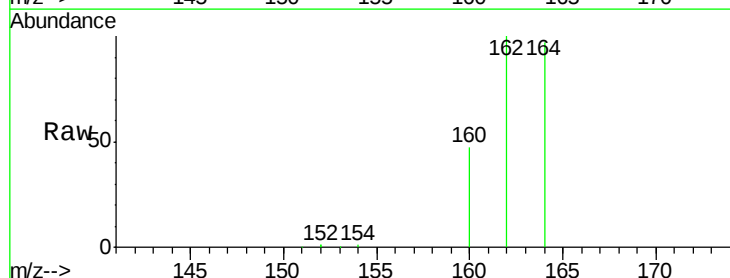
Tgt Ion: 164 Resp: 63346

Ion Ratio Lower Upper

164 100

162 103.0 81.8 122.8

160 48.6 44.2 66.4

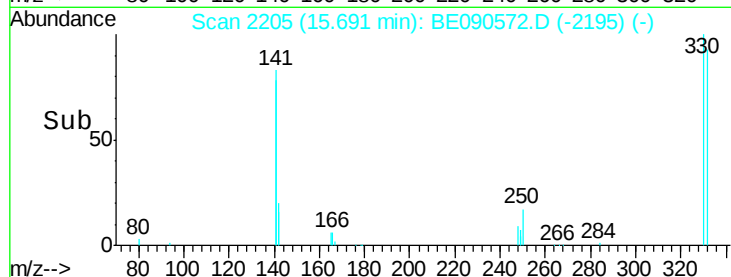
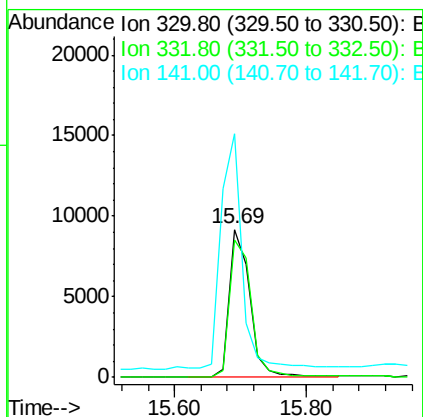
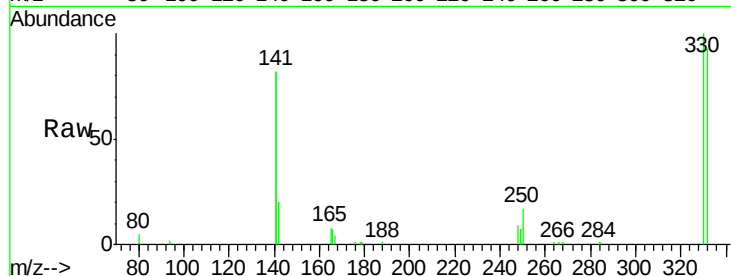




#13
 2,4,6-Tribromophenol
 Concen: 7.99 ng
 RT: 15.69 min Scan# 2205
 Delta R.T. -0.02 min
 Lab File: BE090572.D
 Acq: 20 Aug 2015 13:08

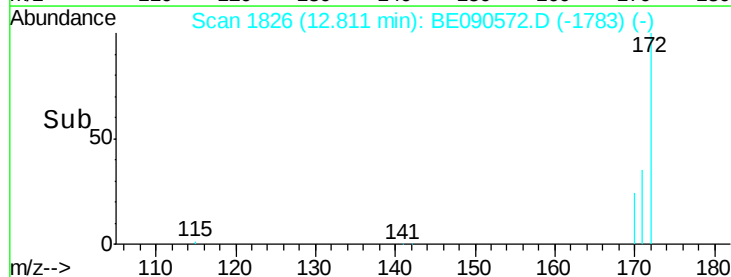
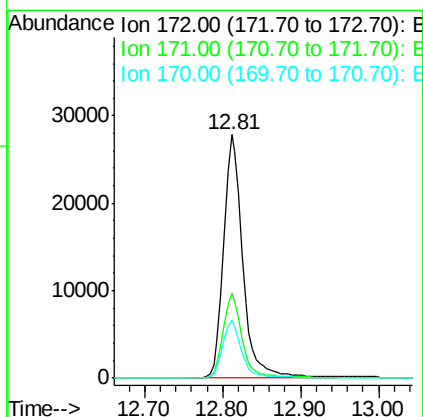
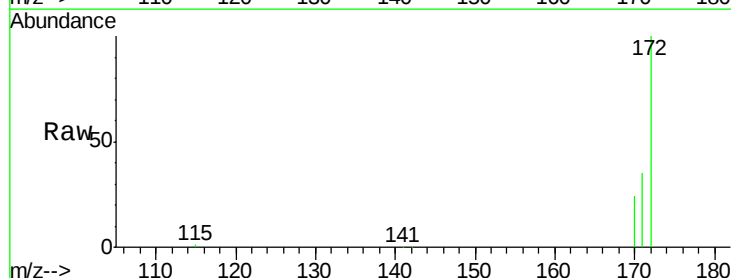
Instrument :
 BNA_E
 ClientSampleId :
 PB85108BL

Tgt Ion:330 Resp: 19468
 Ion Ratio Lower Upper
 330 100
 332 98.5 75.8 113.6
 141 167.2 114.4 171.6



#14
 2-Fluorobiphenyl
 Concen: 2.50 ng
 RT: 12.81 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: BE090572.D
 Acq: 20 Aug 2015 13:08

Tgt Ion:172 Resp: 47274
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.5 42.7
 170 23.7 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: BE090572.D

Acq: 20 Aug 2015 13:08

Instrument :

BNA_E

ClientSampleId :

PB85108BL

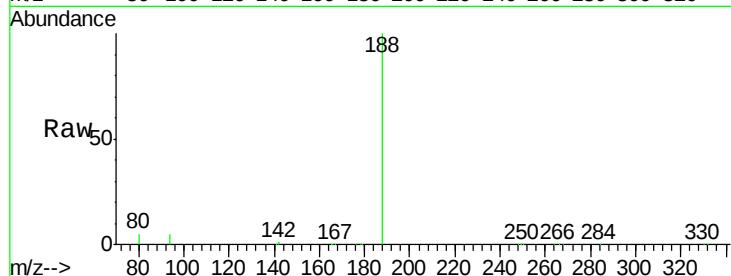
Tgt Ion:188 Resp: 159907

Ion Ratio Lower Upper

188 100

94 5.3 5.7 8.5#

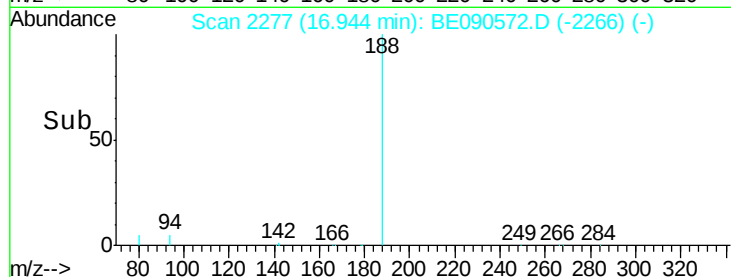
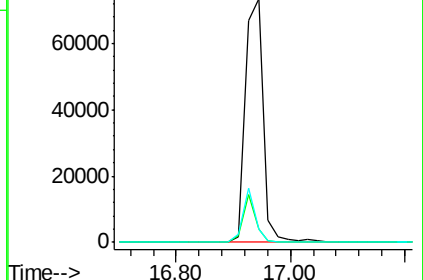
80 5.4 5.8 8.8#



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# 2864

Delta R.T. 0.00 min

Lab File: BE090572.D

Acq: 20 Aug 2015 13:08

Tgt Ion:240 Resp: 198380

Ion Ratio Lower Upper

240 100

120 12.9 8.3 12.5#

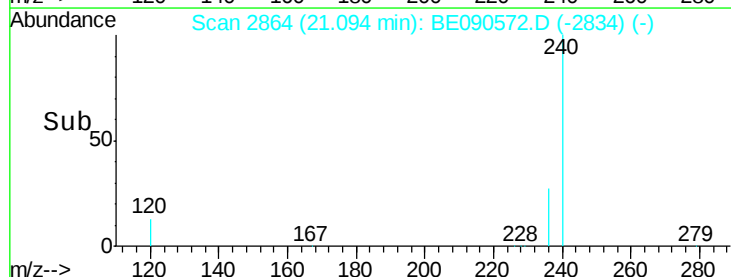
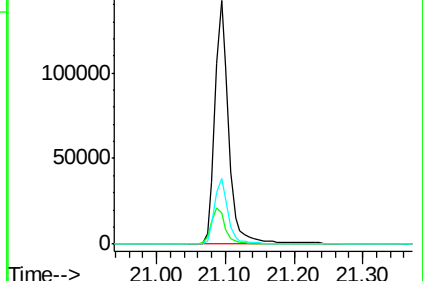
236 27.0 21.0 31.4

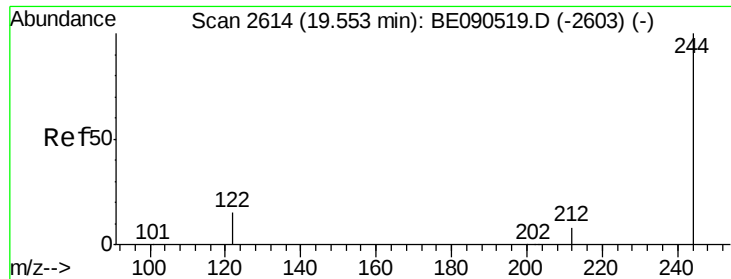


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

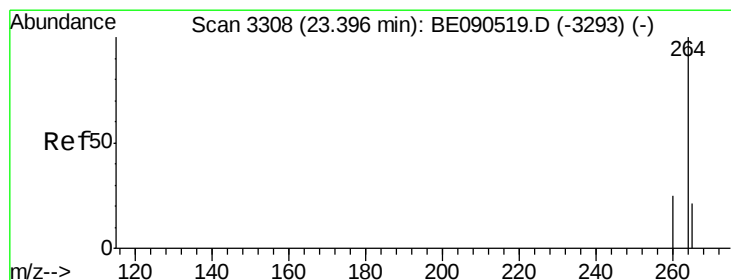
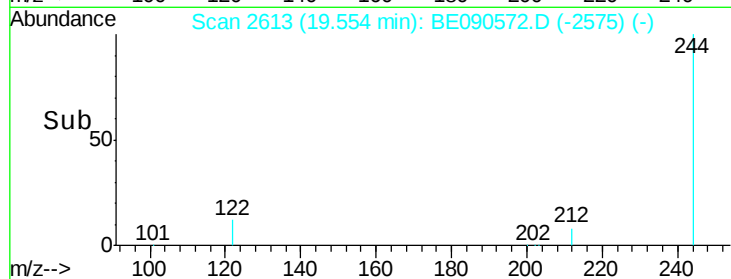
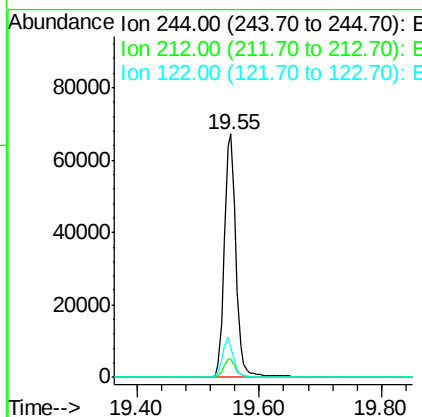
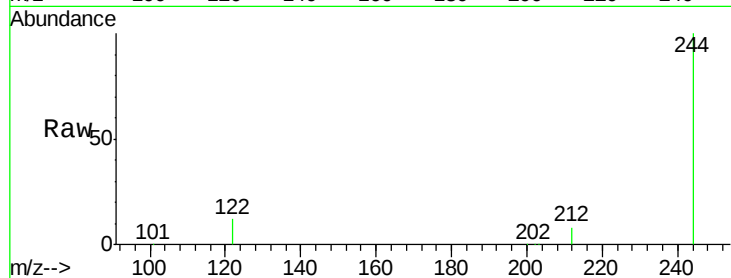




#27
 Terphenyl-d14
 Concen: 2.47 ng
 RT: 19.55 min Scan# 2613
 Delta R.T. 0.00 min
 Lab File: BE090572.D
 Acq: 20 Aug 2015 13:08

Instrument :
 BNA_E
 ClientSampleId :
 PB85108BL

Tgt Ion:244 Resp: 89509
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.6 9.8
 122 12.3 10.2 15.4



#32
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.40 min Scan# 3307
 Delta R.T. 0.00 min
 Lab File: BE090572.D
 Acq: 20 Aug 2015 13:08

Tgt Ion:264 Resp: 185028
 Ion Ratio Lower Upper
 264 100
 260 25.0 20.1 30.1
 265 21.9 17.2 25.8

