

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE091515\
 Data File : BE090834.D
 Acq On : 15 Sep 2015 15:47
 Operator : UM/IZ
 Sample : PB85543BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB85543BL

Quant Time: Sep 16 16:16:42 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 11:40:50 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	35966	5.00	ng	0.00
6) Naphthalene-d8	10.31	136	147657	5.00	ng	0.00
12) Acenaphthene-d10	14.17	164	73712	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	191885	5.00	ng	0.00
25) Chrysene-d12	21.07	240	269142	5.00	ng	0.00
32) Perylene-d12	23.35	264	266463	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	46797	6.68	ng	0.00
5) Phenol-d6	6.75	99	59911	5.98	ng	0.00
7) Nitrobenzene-d5	8.72	82	26209	2.69	ng	0.01
13) 2,4,6-Tribromophenol	15.69	330	8928	4.20	ng	0.02
14) 2-Fluorobiphenyl	12.81	172	56423	2.76	ng	0.00
27) Terphenyl-d14	19.53	244	106423	3.57	ng	0.00

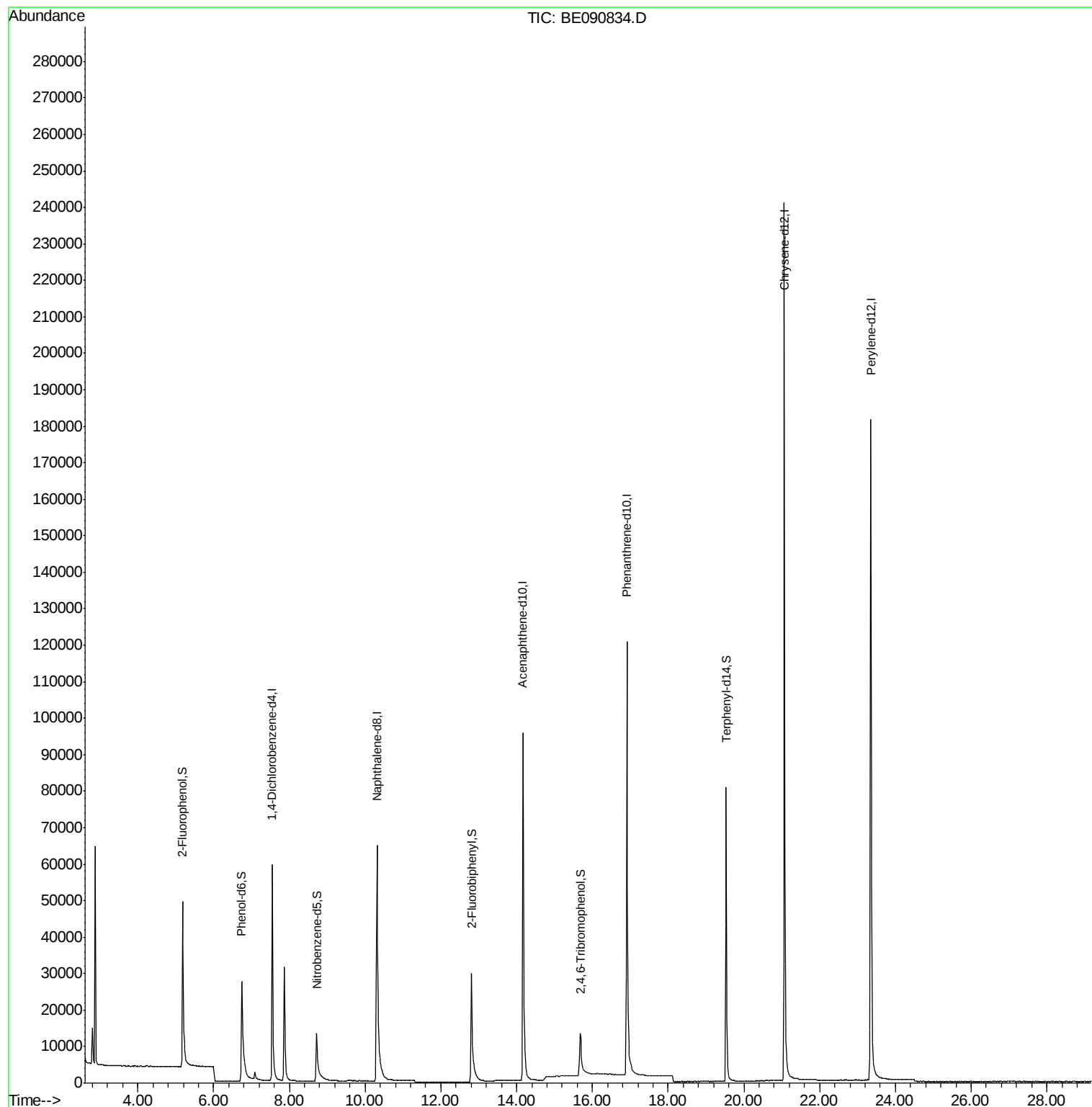
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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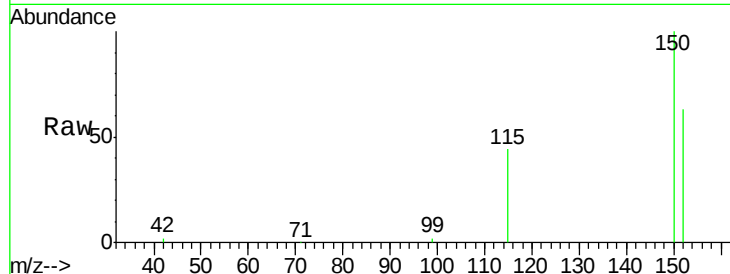




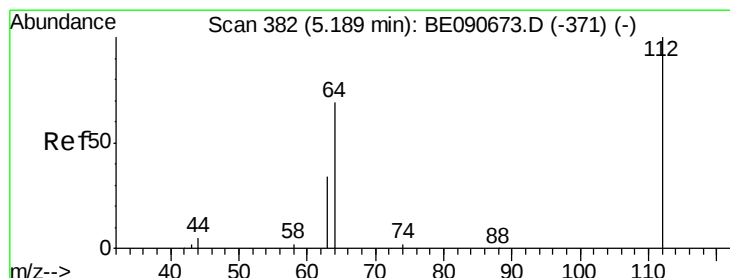
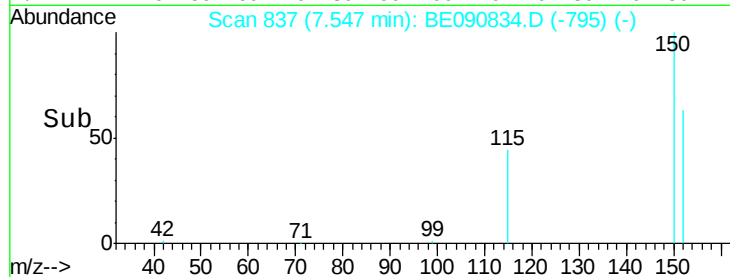
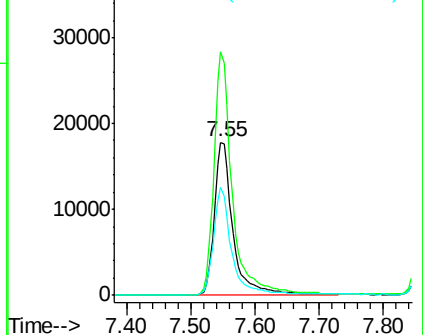
#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.55 min Scan# 837
 Delta R.T. -0.01 min
 Lab File: BE090834.D
 Acq: 15 Sep 2015 15:47

Instrument :
 BNA_E
 ClientSampleId :
 PB85543BL

Tgt Ion:152 Resp: 35966
 Ion Ratio Lower Upper
 152 100
 150 159.0 122.2 183.4
 115 70.3 51.0 76.4

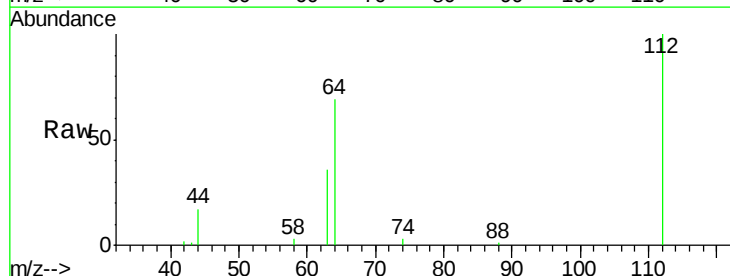


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

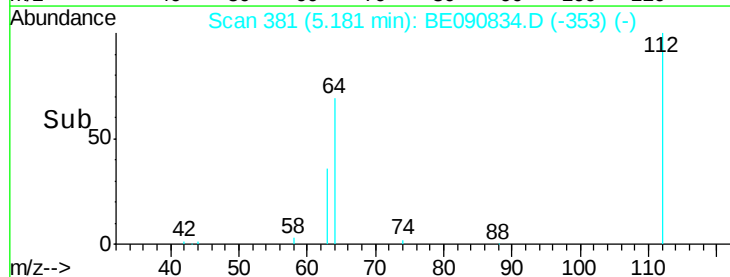
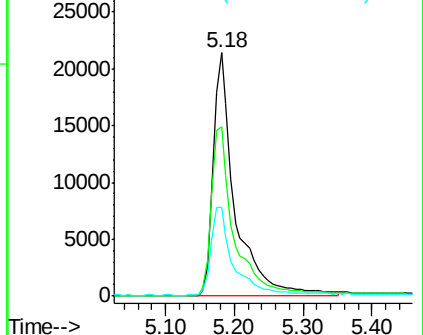


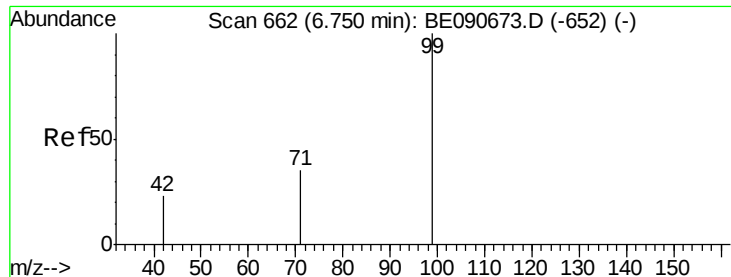
#4
 2-Fluorophenol
 Concen: 6.68 ng
 RT: 5.18 min Scan# 381
 Delta R.T. -0.01 min
 Lab File: BE090834.D
 Acq: 15 Sep 2015 15:47

Tgt Ion:112 Resp: 46797
 Ion Ratio Lower Upper
 112 100
 64 72.7 57.3 85.9
 63 37.6 29.2 43.8



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: 5.98 ng

RT: 6.75 min Scan# 661

Delta R.T. -0.00 min

Lab File: BE090834.D

Acq: 15 Sep 2015 15:47

Instrument :

BNA_E

ClientSampleId :

PB85543BL

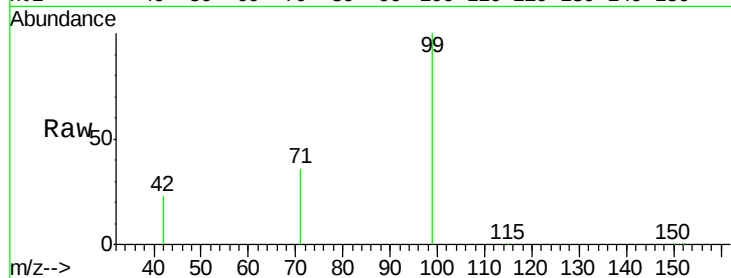
Tgt Ion: 99 Resp: 59911

Ion Ratio Lower Upper

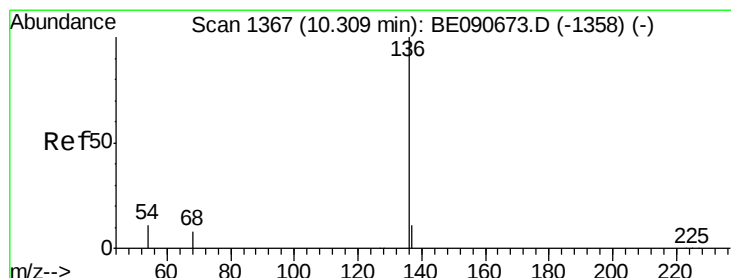
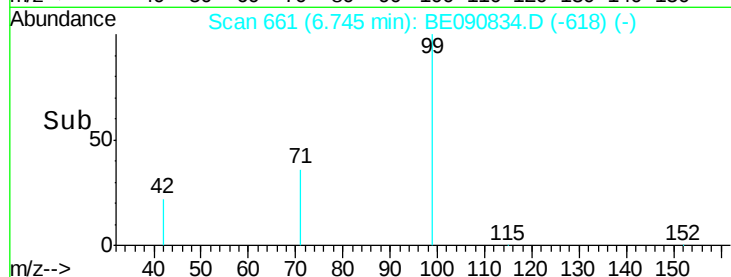
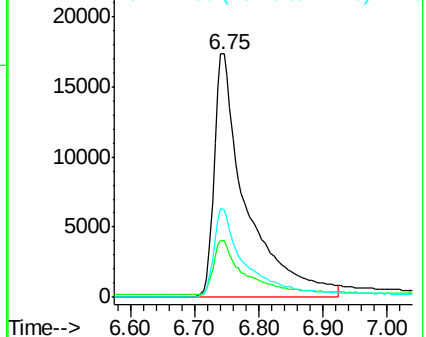
99 100

42 21.9 16.8 25.2

71 35.6 28.3 42.5



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: 10.31 min Scan# 1367

Delta R.T. 0.00 min

Lab File: BE090834.D

Acq: 15 Sep 2015 15:47

Tgt Ion: 136 Resp: 147657

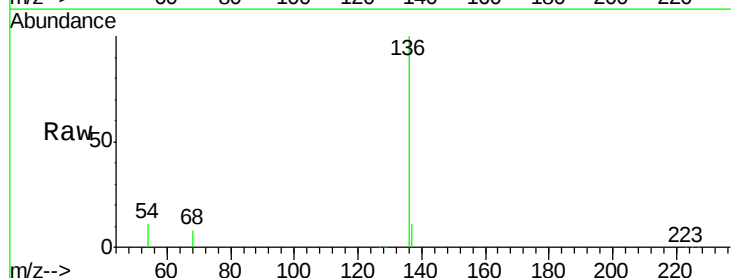
Ion Ratio Lower Upper

136 100

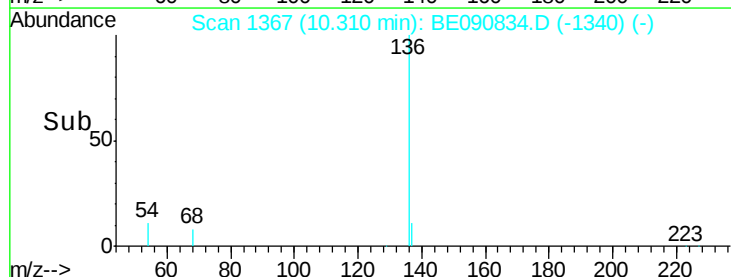
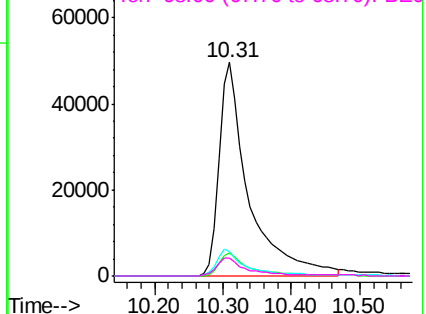
137 11.0 8.7 13.1

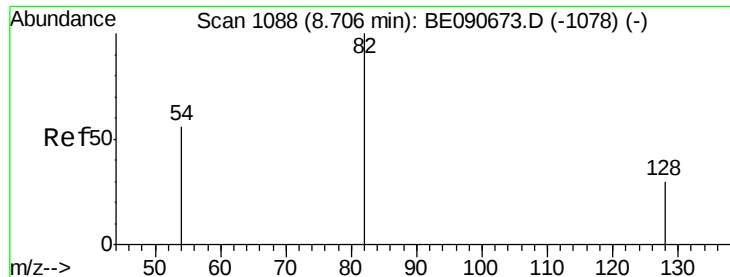
54 11.3 9.0 13.6

68 8.2 6.3 9.5



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: 2.69 ng

RT: 8.72 min Scan# 1091

Delta R.T. 0.01 min

Lab File: BE090834.D

Acq: 15 Sep 2015 15:47

Instrument :

BNA_E

ClientSampleId :

PB85543BL

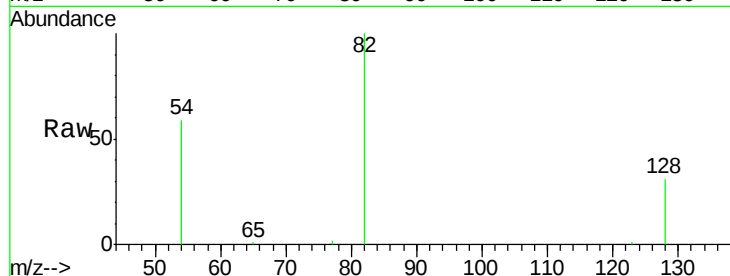
Tgt Ion: 82 Resp: 26209

Ion Ratio Lower Upper

82 100

128 30.8 25.0 37.4

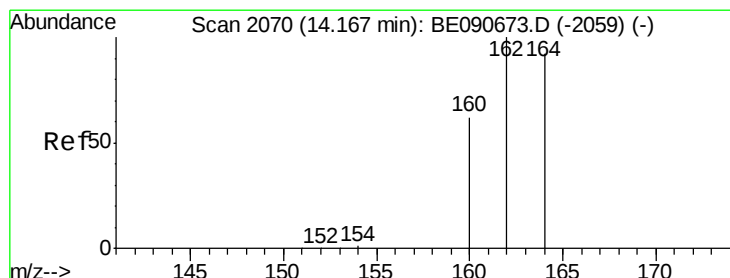
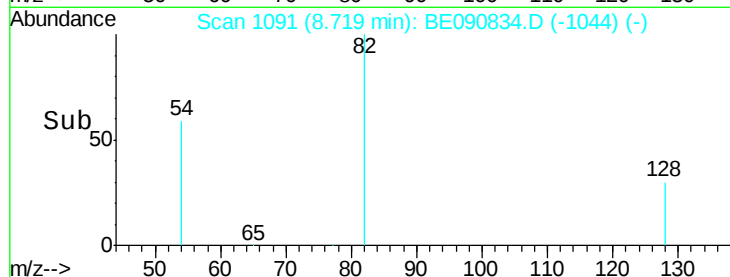
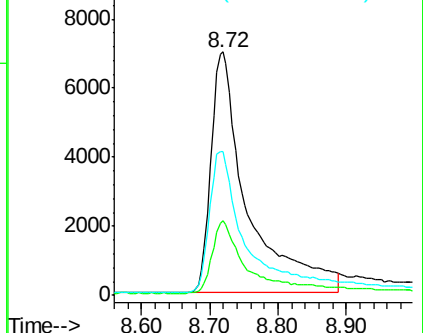
54 59.2 46.3 69.5



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: 14.17 min Scan# 2071

Delta R.T. 0.01 min

Lab File: BE090834.D

Acq: 15 Sep 2015 15:47

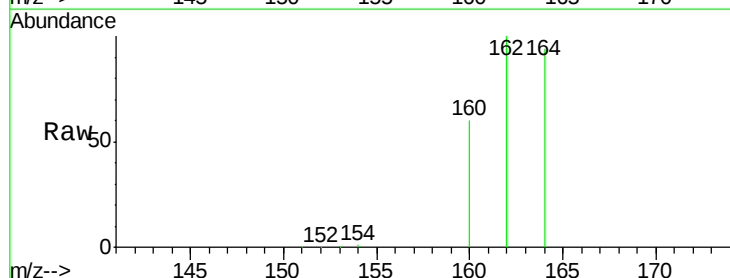
Tgt Ion: 164 Resp: 73712

Ion Ratio Lower Upper

164 100

162 106.4 86.8 130.2

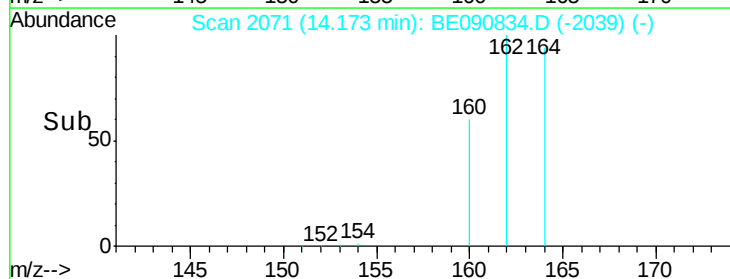
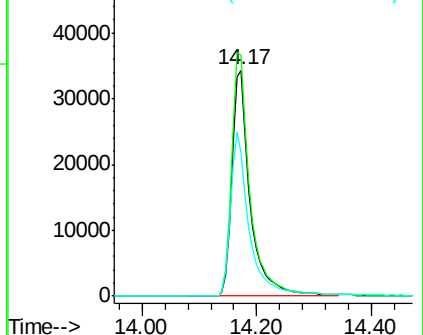
160 63.8 53.9 80.9



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

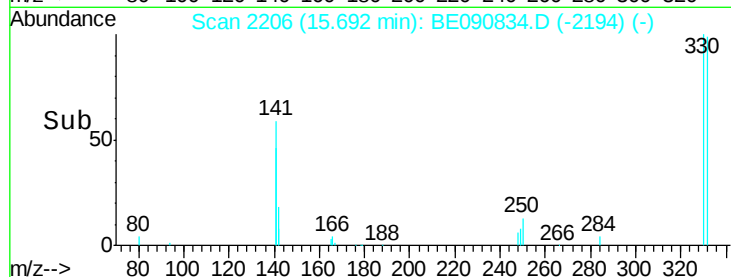
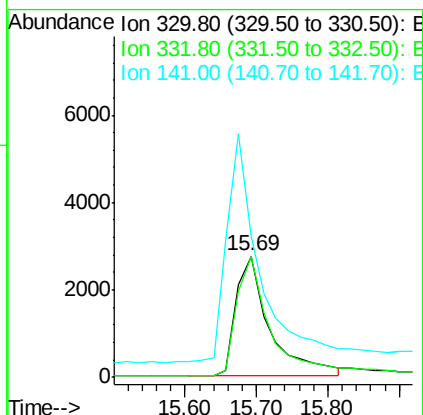
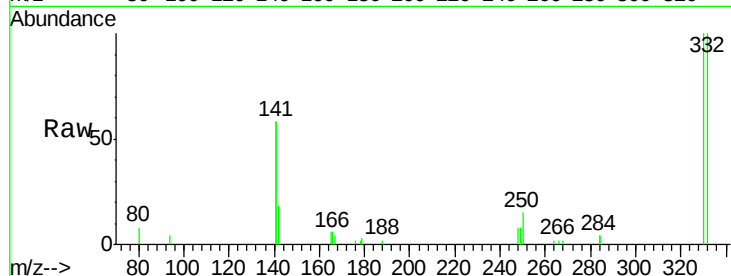




#13
 2,4,6-Tribromophenol
 Concen: 4.20 ng
 RT: 15.69 min Scan# 2206
 Delta R.T. 0.02 min
 Lab File: BE090834.D
 Acq: 15 Sep 2015 15:47

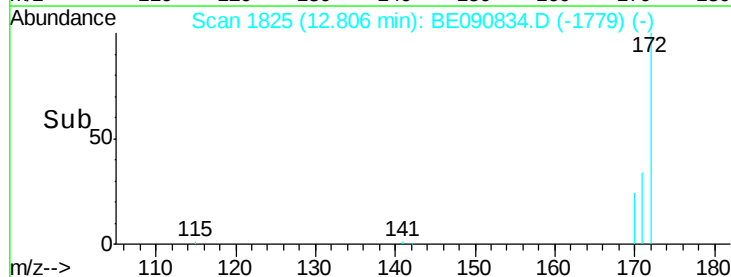
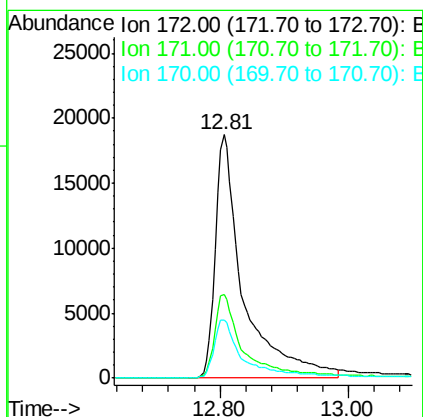
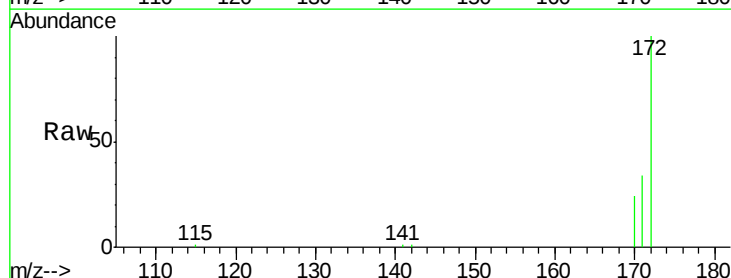
Instrument :
 BNA_E
 ClientSampleId :
 PB85543BL

Tgt Ion: 330 Resp: 8928
 Ion Ratio Lower Upper
 330 100
 332 98.3 74.9 112.3
 141 189.6 145.2 217.8



#14
 2-Fluorobiphenyl
 Concen: 2.76 ng
 RT: 12.81 min Scan# 1825
 Delta R.T. 0.01 min
 Lab File: BE090834.D
 Acq: 15 Sep 2015 15:47

Tgt Ion: 172 Resp: 56423
 Ion Ratio Lower Upper
 172 100
 171 34.4 27.8 41.8
 170 24.1 19.8 29.6





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.91 min Scan# 2276

Delta R.T. -0.00 min

Lab File: BE090834.D

Acq: 15 Sep 2015 15:47

Instrument :

BNA_E

ClientSampleId :

PB85543BL

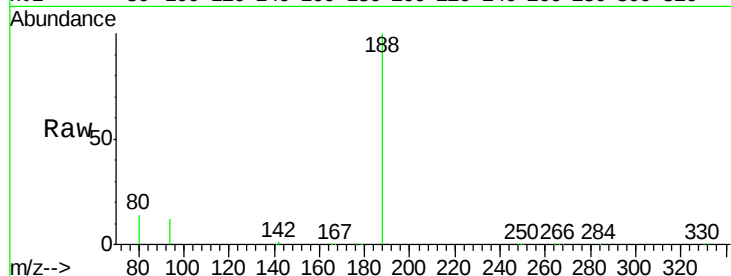
Tgt Ion:188 Resp: 191885

Ion Ratio Lower Upper

188 100

94 12.5 10.3 15.5

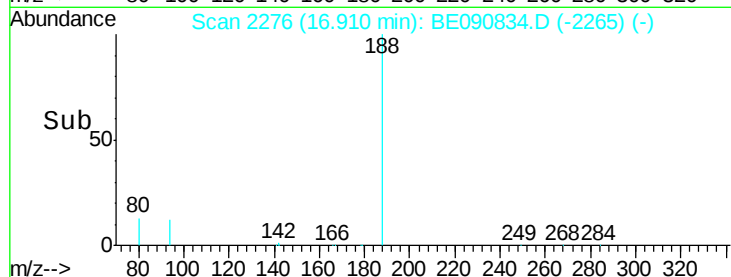
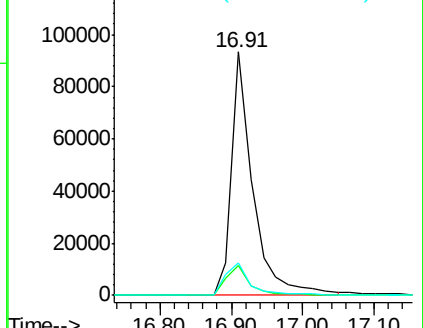
80 13.6 11.0 16.6



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: 21.07 min Scan# 2861

Delta R.T. -0.01 min

Lab File: BE090834.D

Acq: 15 Sep 2015 15:47

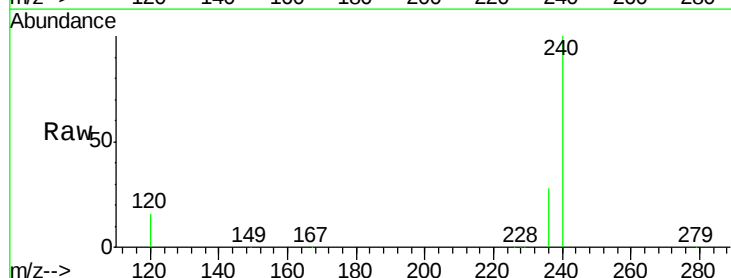
Tgt Ion:240 Resp: 269142

Ion Ratio Lower Upper

240 100

120 15.7 10.1 15.1#

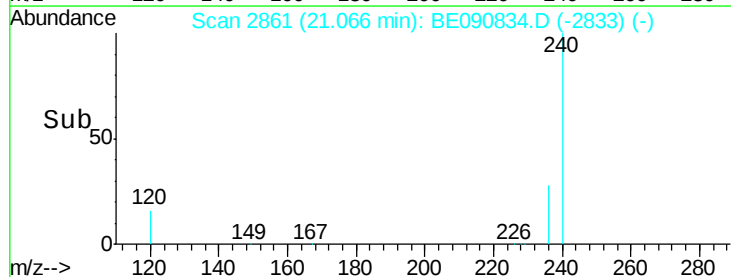
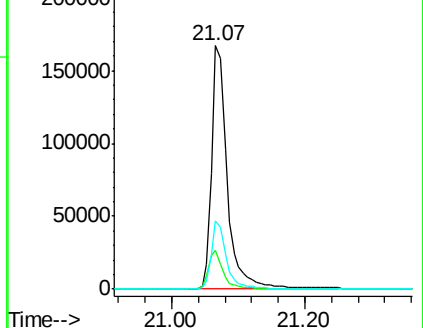
236 27.8 21.9 32.9



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

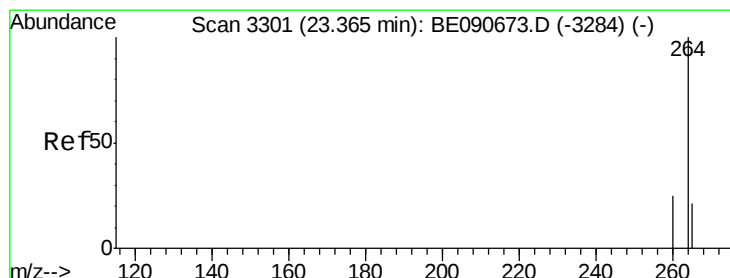
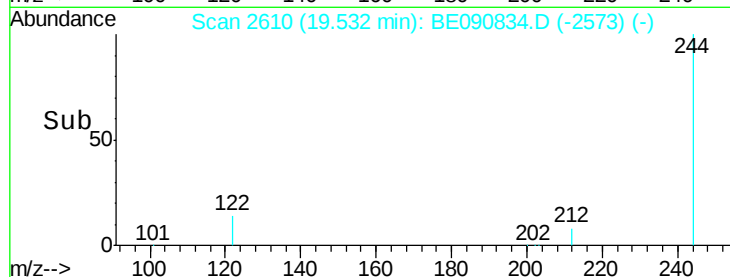
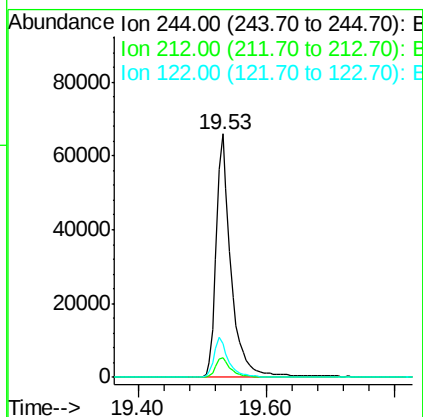
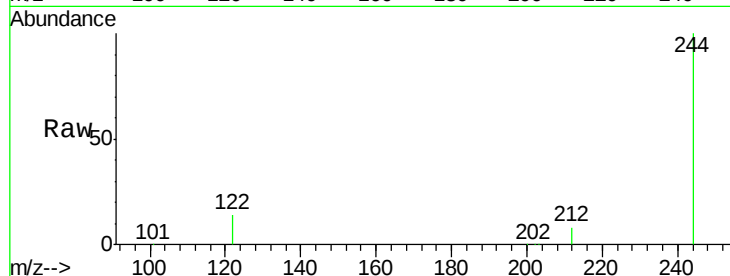




#27
 Terphenyl-d14
 Concen: 3.57 ng
 RT: 19.53 min Scan# 2610
 Delta R.T. -0.01 min
 Lab File: BE090834.D
 Acq: 15 Sep 2015 15:47

Instrument :
 BNA_E
 ClientSampleId :
 PB85543BL

Tgt Ion: 244 Resp: 106423
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.9 10.3
 122 13.7 12.9 19.3



#32
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.35 min Scan# 3299
 Delta R.T. -0.01 min
 Lab File: BE090834.D
 Acq: 15 Sep 2015 15:47

Tgt Ion: 264 Resp: 266463
 Ion Ratio Lower Upper
 264 100
 260 25.3 19.7 29.5
 265 21.5 17.5 26.3

