

Data Path : Z:\HPCHEM1\BNA E\DATA\BE080715\
 Data File : BE090395.D
 Acq On : 7 Aug 2015 13:38
 Operator : TP/UM
 Sample : PB84854BL
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB84854BL

Quant Time: Aug 07 23:14:16 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	20303	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	86394	5.00	ng	0.00
12) Acenaphthene-d10	14.20	164	48859	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	120867	5.00	ng	0.00
25) Chrysene-d12	21.10	240	136215	5.00	ng	0.00
32) Perylene-d12	23.40	264	115960	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	25058	8.23	ng	0.00
5) Phenol-d6	6.77	99	37592	5.76	ng	0.00
7) Nitrobenzene-d5	8.73	82	22521	3.27	ng	0.00
13) 2,4,6-Tribromophenol	15.71	330	5115	4.39	ng	0.00
14) 2-Fluorobiphenyl	12.82	172	56028	4.17	ng	0.00
27) Terphenyl-d14	19.56	244	98800	4.92	ng	0.00

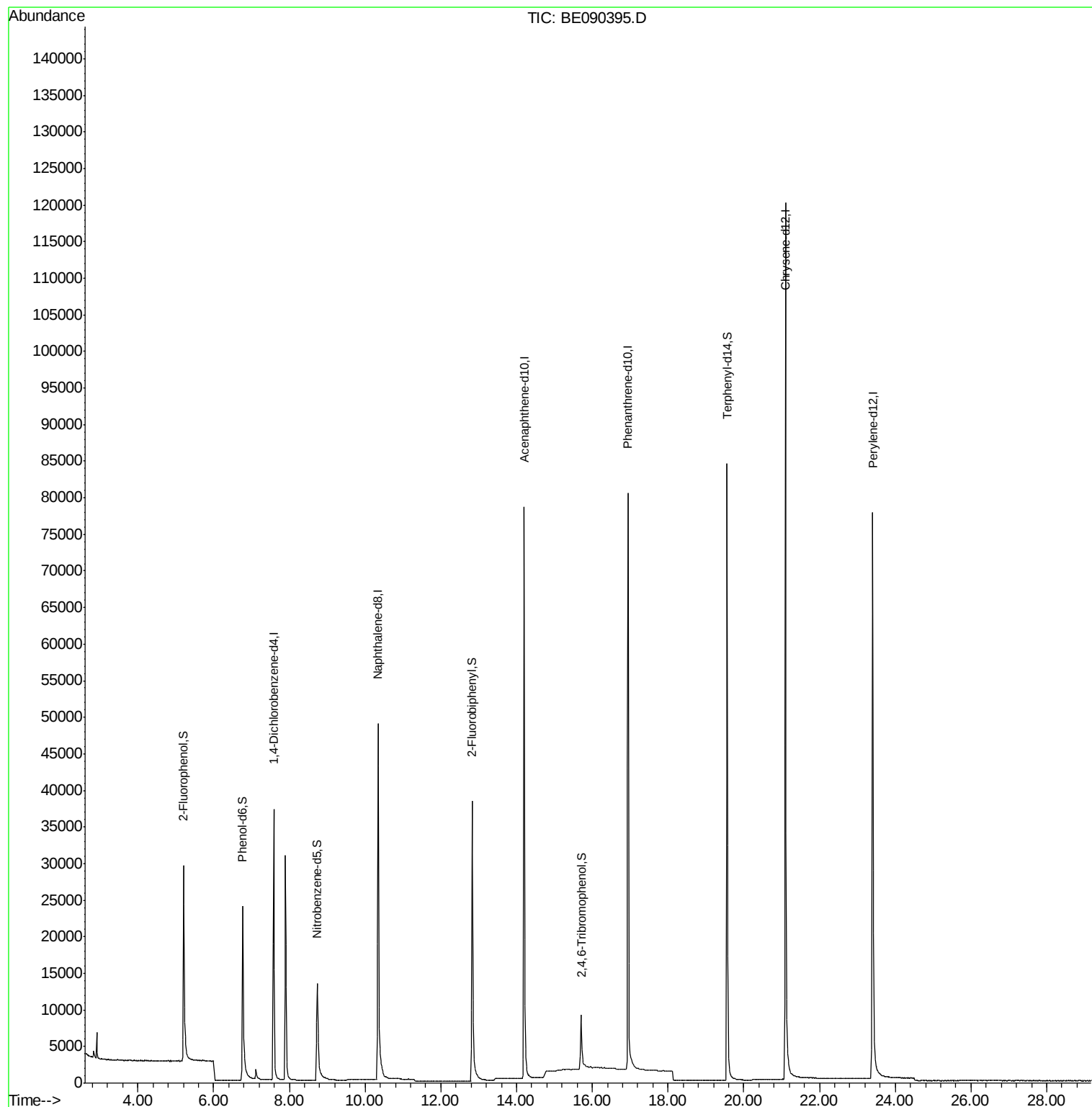
Target Compounds Qvalue

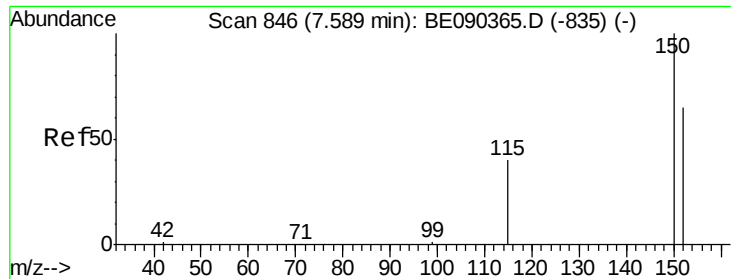
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE090395.D

Acq: 7 Aug 2015 13:38

Instrument :

BNA_E

ClientSampleId :

PB84854BL

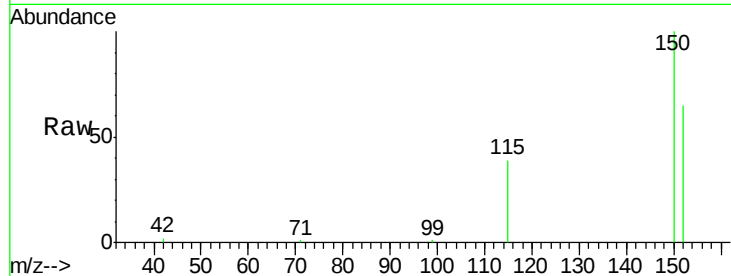
Tot Ion:152 Resp: 20303

Ion Ratio Lower Upper

152 100

150 153.4 123.0 184.4

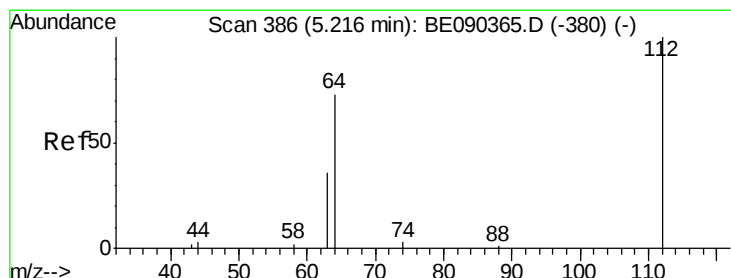
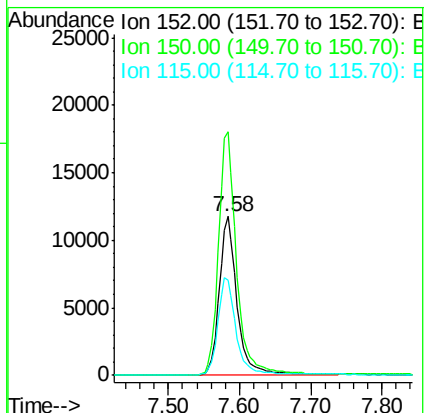
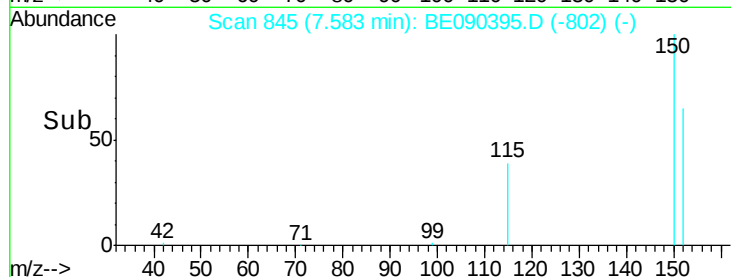
115 59.8 48.9 73.3



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: 8.23 ng

RT: 5.21 min Scan# 385

Delta R.T. -0.01 min

Lab File: BE090395.D

Acq: 7 Aug 2015 13:38

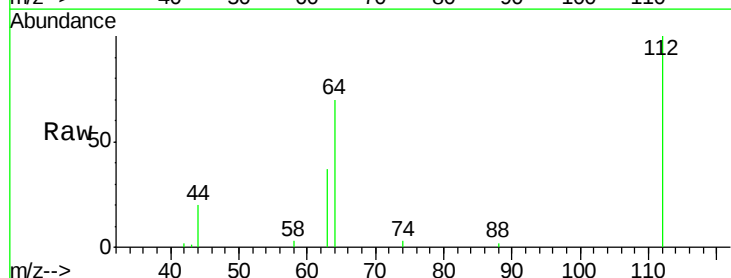
Tgt Ion:112 Resp: 25058

Ion Ratio Lower Upper

112 100

64 70.8 37.1 55.7#

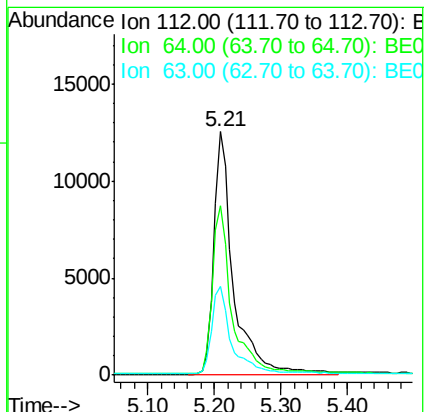
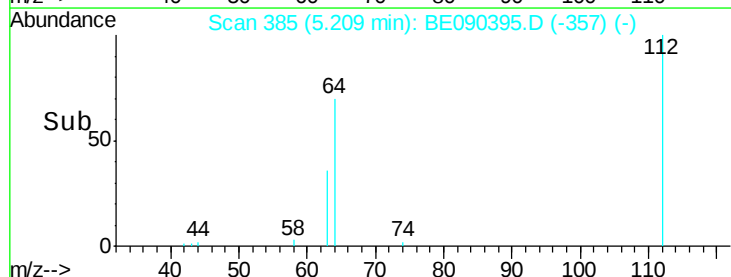
63 36.6 19.5 29.3#

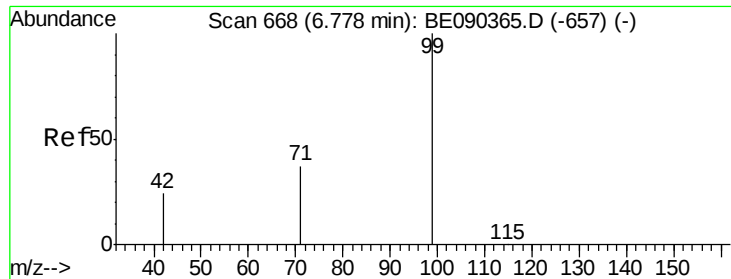


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 5.76 ng

RT: 6.77 min Scan# 666

Delta R.T. -0.01 min

Lab File: BE090395.D

Acq: 7 Aug 2015 13:38

Instrument :

BNA_E

ClientSampleId :

PB84854BL

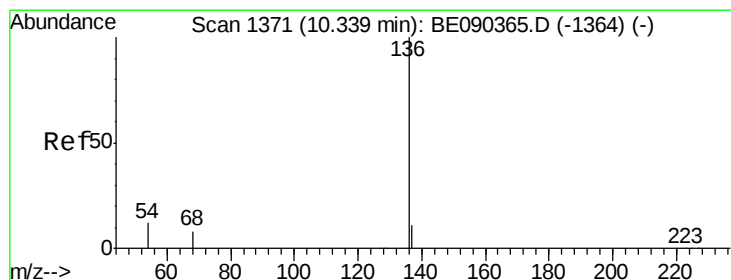
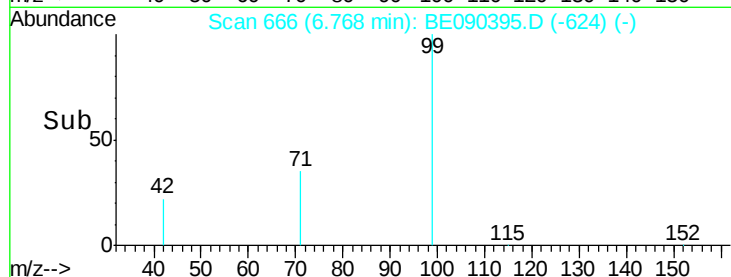
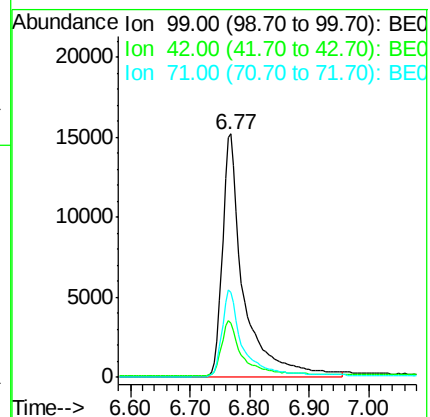
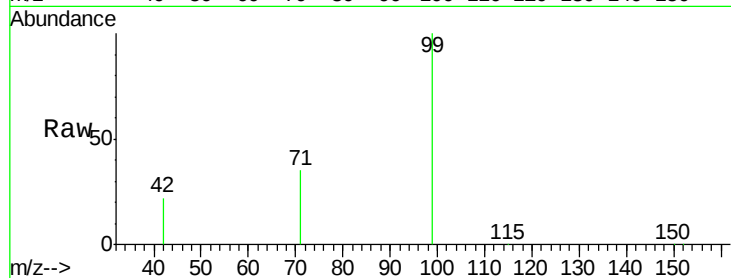
Tot Ion: 99 Resp: 37592

Ion Ratio Lower Upper

99 100

42 22.6 18.2 27.4

71 35.6 27.4 41.0



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.34 min Scan# 1371

Delta R.T. 0.00 min

Lab File: BE090395.D

Acq: 7 Aug 2015 13:38

Tgt Ion: 136 Resp: 86394

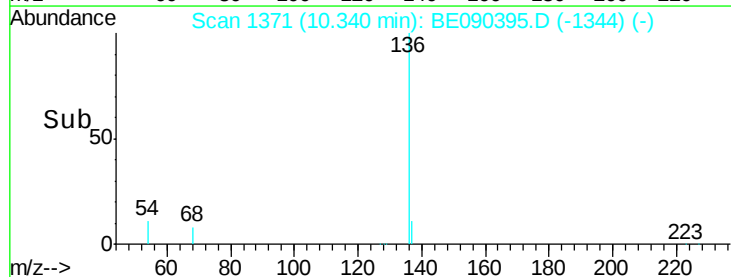
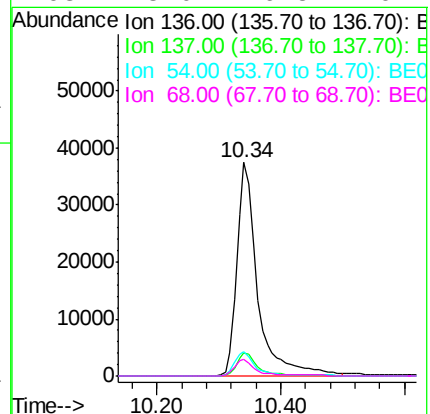
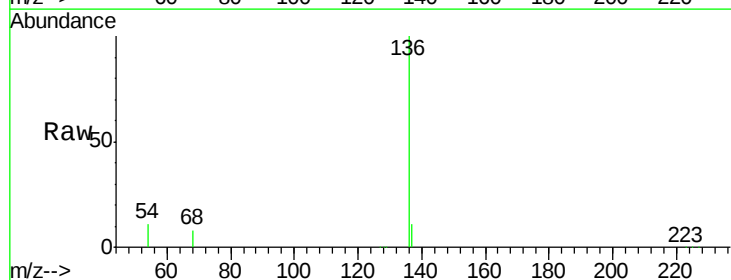
Ion Ratio Lower Upper

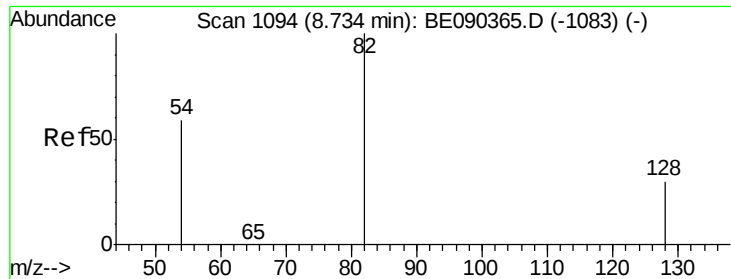
136 100

137 10.9 8.7 13.1

54 11.5 9.4 14.0

68 8.0 6.5 9.7





#7

Nitrobenzene-d5

Concen: 3.27 ng

RT: 8.73 min Scan# 1094

Delta R.T. 0.00 min

Lab File: BE090395.D

Acq: 7 Aug 2015 13:38

Instrument :

BNA_E

ClientSampleId :

PB84854BL

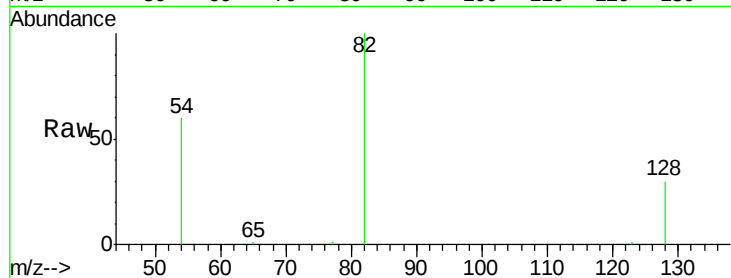
Tot Ion: 82 Resp: 22521

Ion Ratio Lower Upper

82 100

128 30.4 25.0 37.6

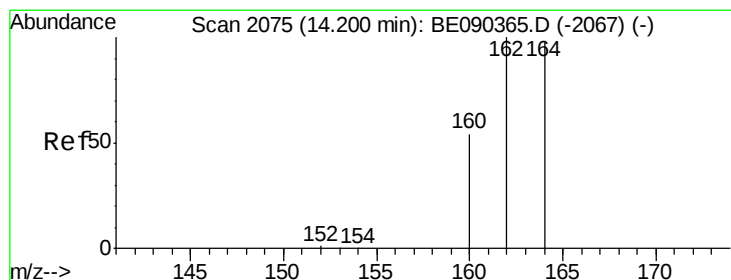
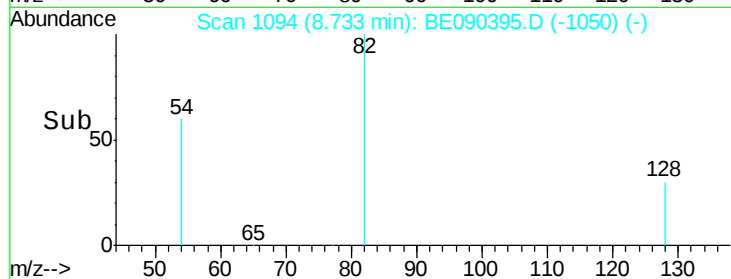
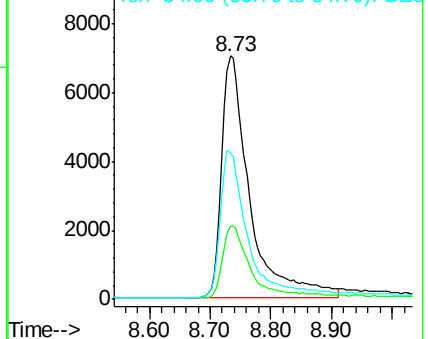
54 60.1 48.8 73.2



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



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.20 min Scan# 2075

Delta R.T. -0.00 min

Lab File: BE090395.D

Acq: 7 Aug 2015 13:38

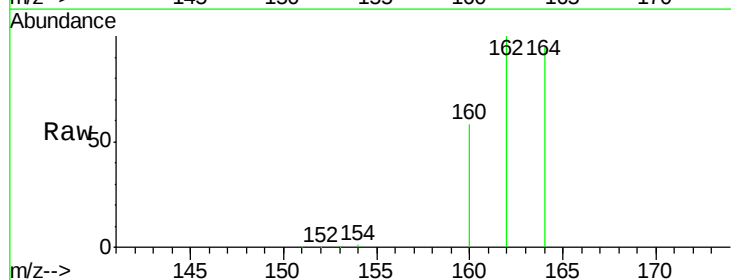
Tgt Ion: 164 Resp: 48859

Ion Ratio Lower Upper

164 100

162 105.7 81.8 122.8

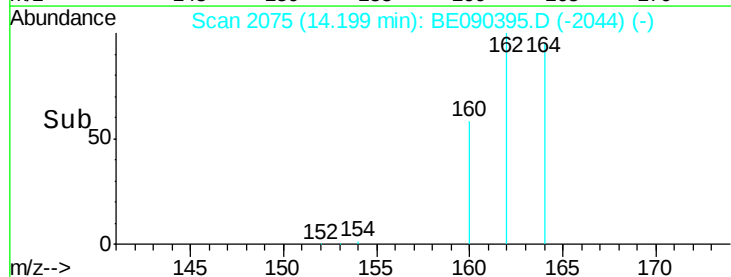
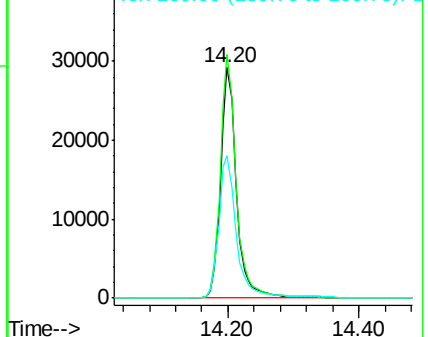
160 61.8 44.2 66.4

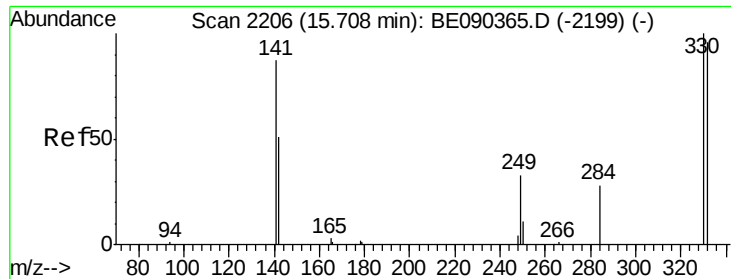


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

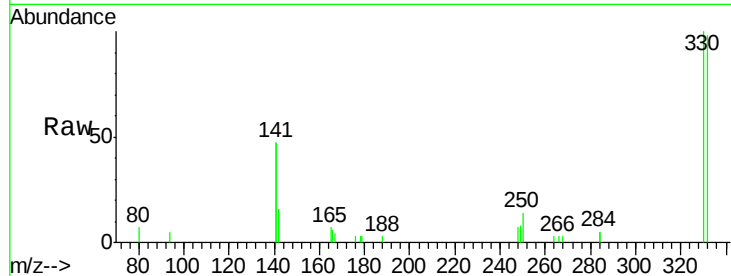




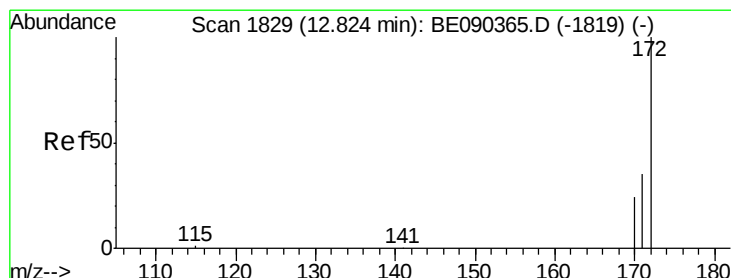
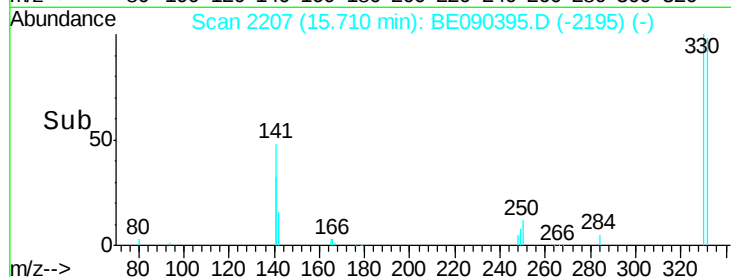
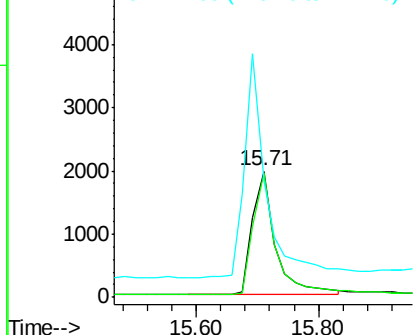
#13
 2,4,6-Tribromophenol
 Concen: 4.39 ng
 RT: 15.71 min Scan# 2207
 Delta R.T. 0.00 min
 Lab File: BE090395.D
 Acq: 7 Aug 2015 13:38

Instrument :
 BNA_E
 ClientSampleId :
 PB84854BL

Tot Ion:330 Resp: 5115
 Ion Ratio Lower Upper
 330 100
 332 95.6 75.8 113.6
 141 173.6 114.4 171.6#

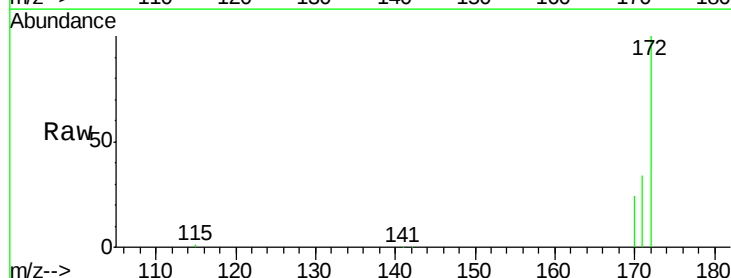


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

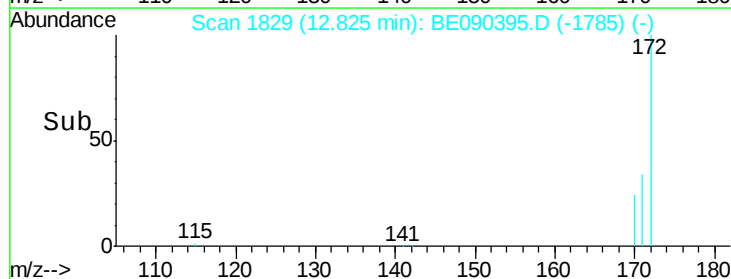
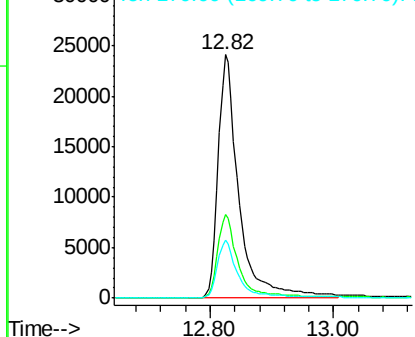


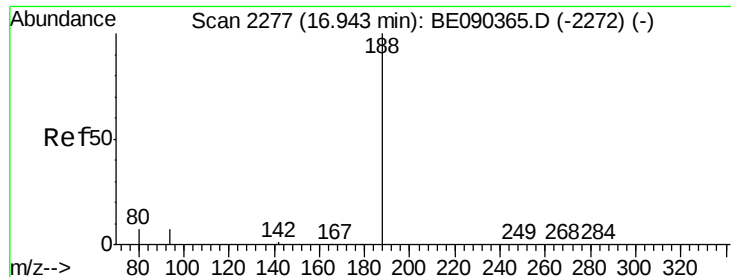
#14
 2-Fluorobiphenyl
 Concen: 4.17 ng
 RT: 12.82 min Scan# 1829
 Delta R.T. 0.00 min
 Lab File: BE090395.D
 Acq: 7 Aug 2015 13:38

Tgt Ion:172 Resp: 56028
 Ion Ratio Lower Upper
 172 100
 171 34.3 28.5 42.7
 170 23.9 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# 2278

Delta R.T. 0.00 min

Lab File: BE090395.D

Acq: 7 Aug 2015 13:38

Instrument :

BNA_E

ClientSampleId :

PB84854BL

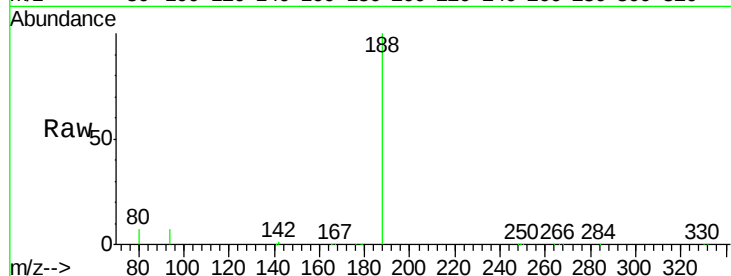
Tot Ion:188 Resp: 120867

Ion Ratio Lower Upper

188 100

94 7.0 5.7 8.5

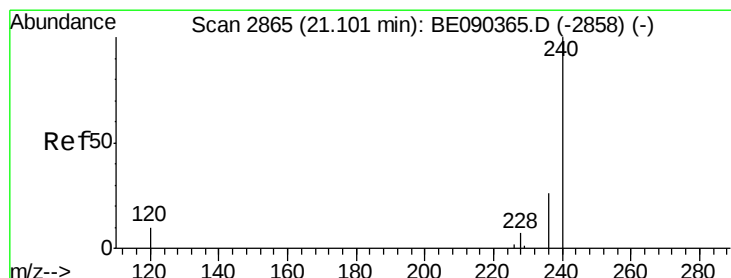
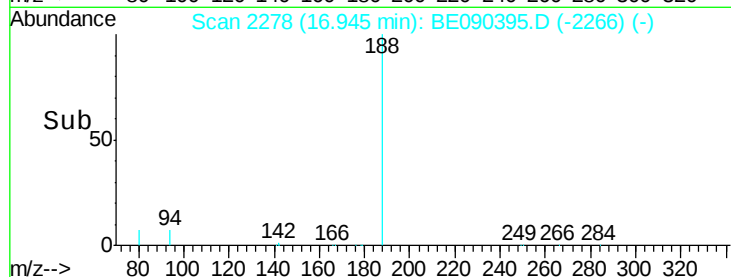
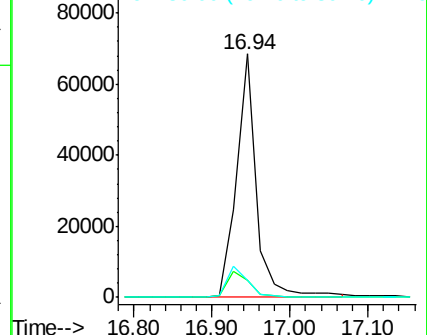
80 7.3 5.8 8.8



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: BE090395.D

Acq: 7 Aug 2015 13:38

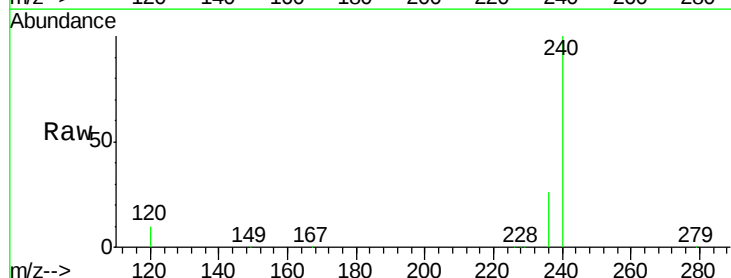
Tgt Ion:240 Resp: 136215

Ion Ratio Lower Upper

240 100

120 9.8 8.3 12.5

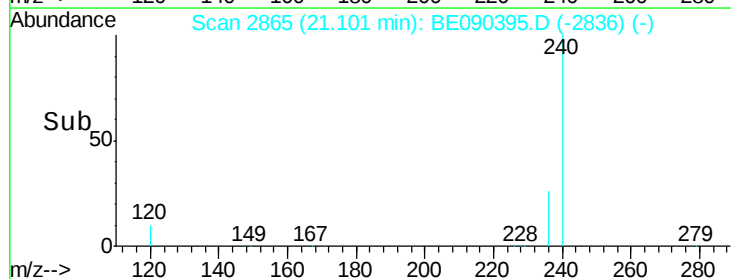
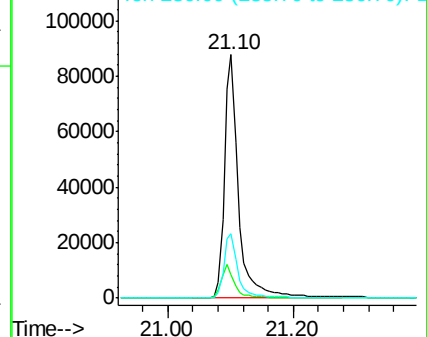
236 26.4 21.0 31.4

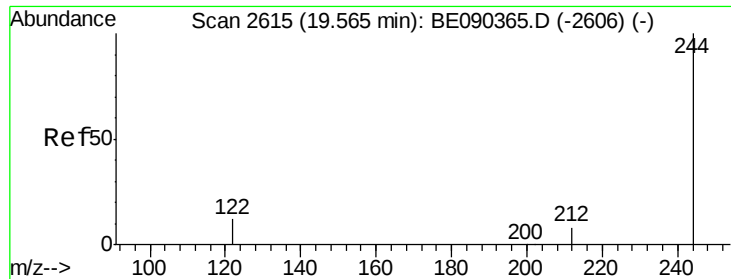


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

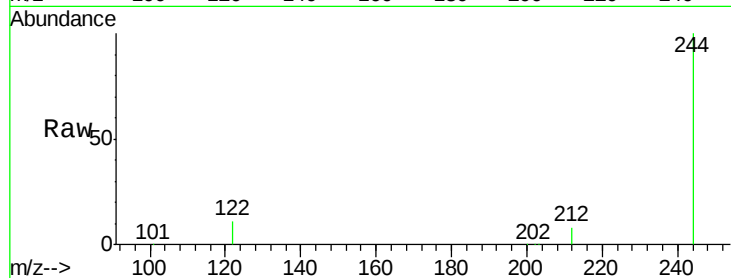




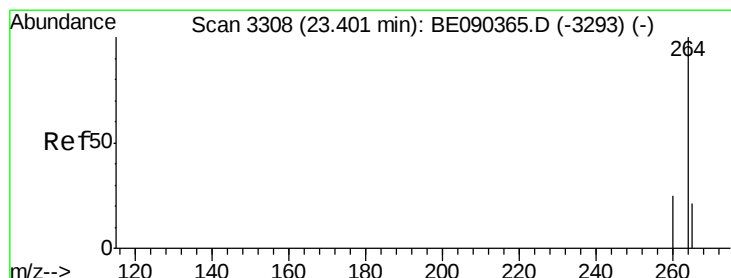
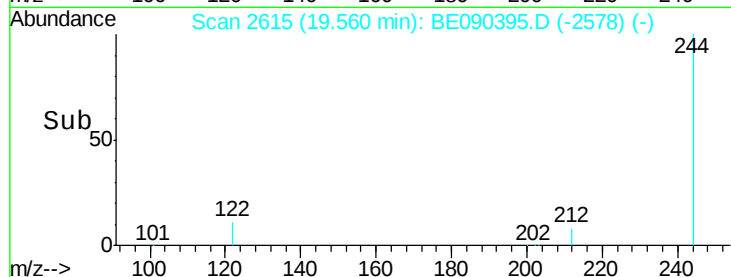
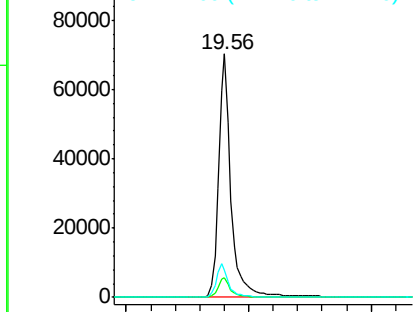
#27
 Terphenyl-d14
 Concen: 4.92 ng
 RT: 19.56 min Scan# 2615
 Delta R.T. -0.00 min
 Lab File: BE090395.D
 Acq: 7 Aug 2015 13:38

Instrument :
 BNA_E
 ClientSampleId :
 PB84854BL

Tot Ion:244 Resp: 98800
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.6 9.8
 122 11.3 10.2 15.4

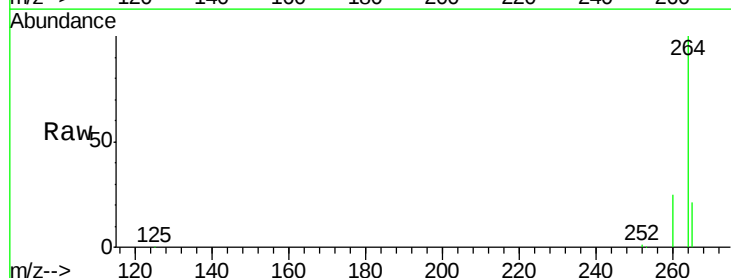


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#32
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.40 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: BE090395.D
 Acq: 7 Aug 2015 13:38

Tgt Ion:264 Resp: 115960
 Ion Ratio Lower Upper
 264 100
 260 24.8 20.1 30.1
 265 21.4 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

