

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE091415\
 Data File : BE090822.D
 Acq On : 15 Sep 2015 5:19
 Operator : UM/IZ
 Sample : G3658-12
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 091315-D534-F-U-S

Quant Time: Sep 15 08:51:49 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	30518	5.00	ng	0.00
6) Naphthalene-d8	10.31	136	130369	5.00	ng	0.00
12) Acenaphthene-d10	14.17	164	68357	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	184783	5.00	ng	0.00
25) Chrysene-d12	21.07	240	244952	5.00	ng	0.00
32) Perylene-d12	23.35	264	232094	5.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.18	112	20958	3.53	ng	0.00
5) Phenol-d6	6.75	99	16071	1.89	ng	0.00
7) Nitrobenzene-d5	8.71	82	36162	4.20	ng	0.00
13) 2,4,6-Tribromophenol	15.67	330	16142	8.04	ng	0.00
14) 2-Fluorobiphenyl	12.80	172	81348	4.30	ng	0.00
27) Terphenyl-d14	19.53	244	155862	5.75	ng	-0.01

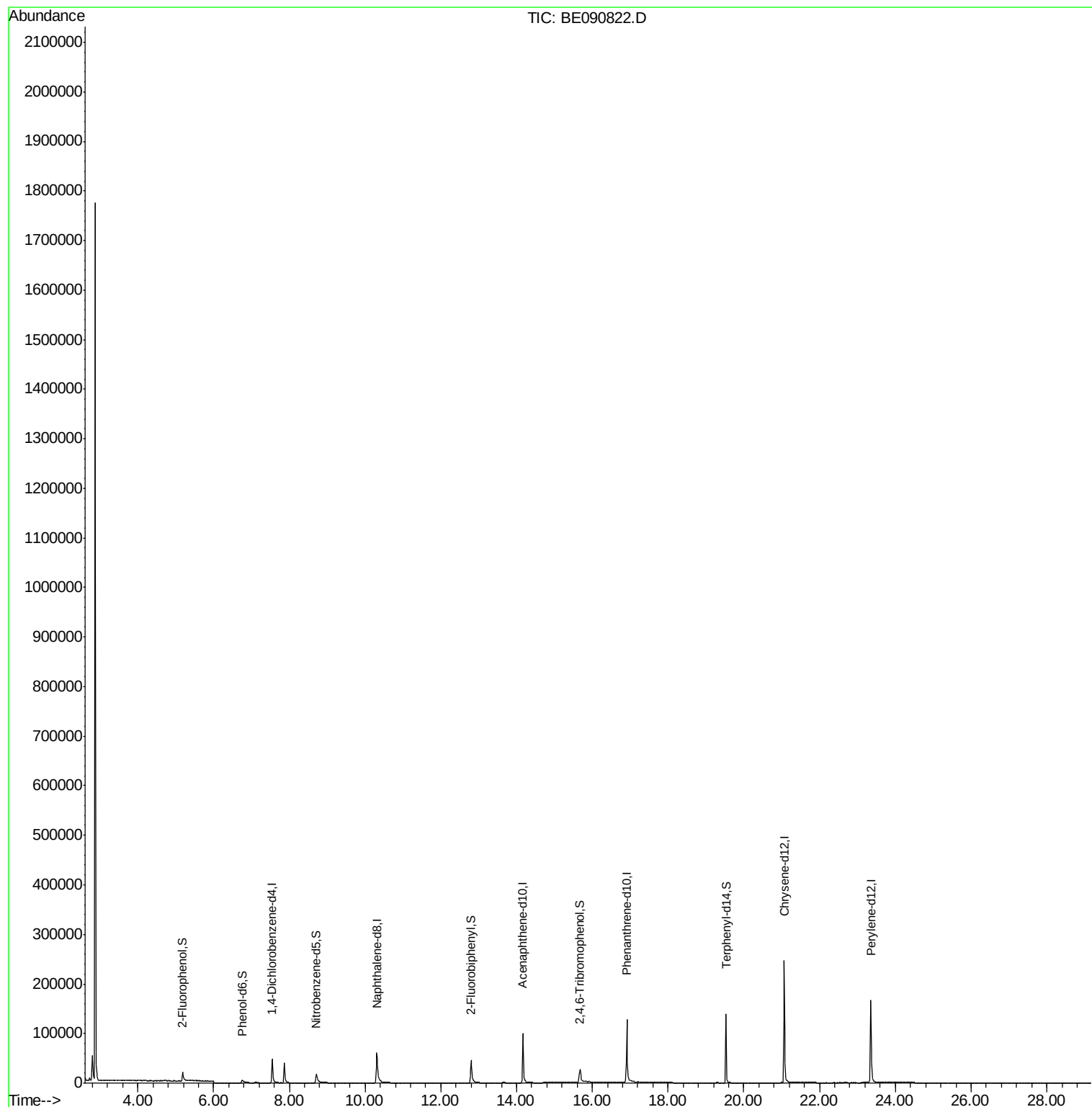
Target Compounds	Qvalue
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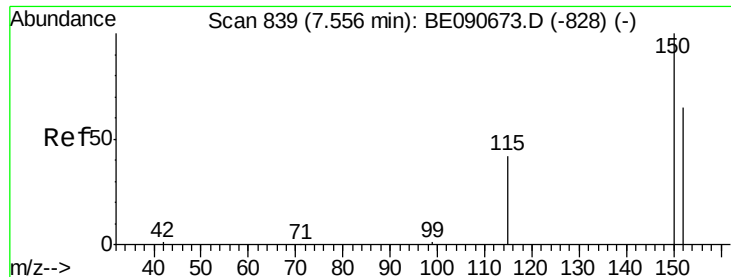
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.55 min Scan# 838

Delta R.T. -0.01 min

Lab File: BE090822.D

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Instrument :

BNA_E

ClientSampleId :

091315-D534-F-U-S

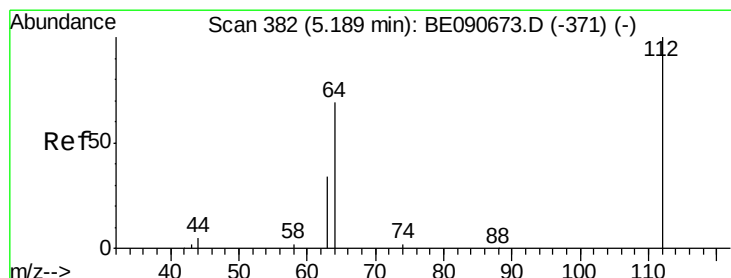
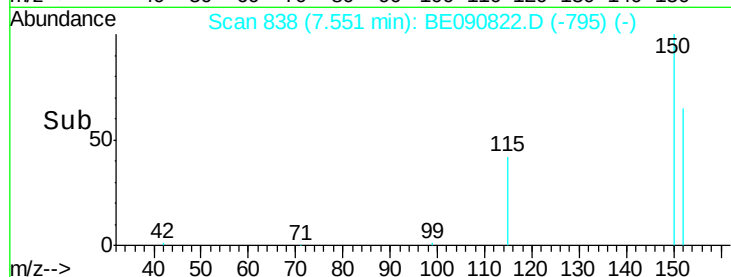
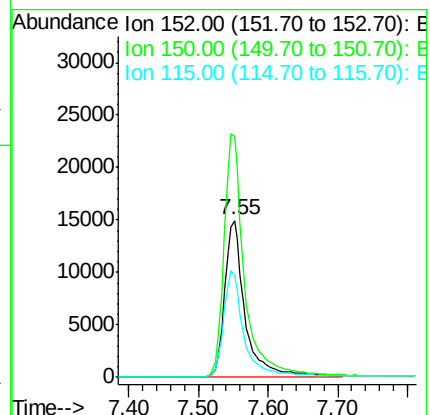
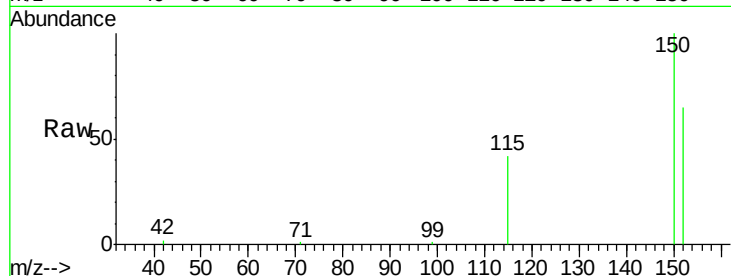
Tgt Ion:152 Resp: 30518

Ion Ratio Lower Upper

152 100

150 153.3 122.2 183.4

115 64.9 51.0 76.4



#4

2-Fluorophenol

Concen: 3.53 ng

RT: 5.18 min Scan# 381

Delta R.T. -0.00 min

Lab File: BE090822.D

Acq: 15 Sep 2015 5:19

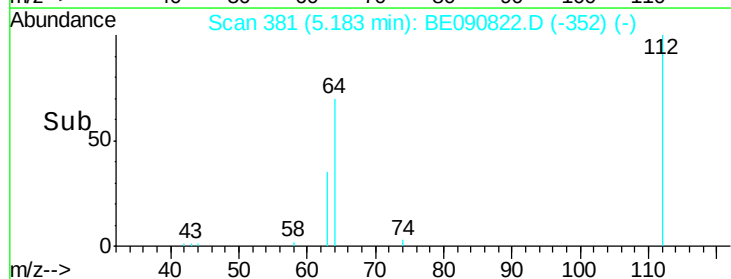
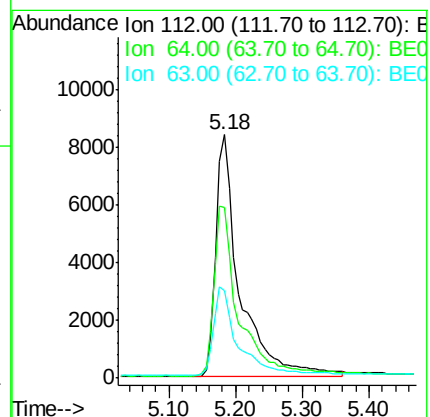
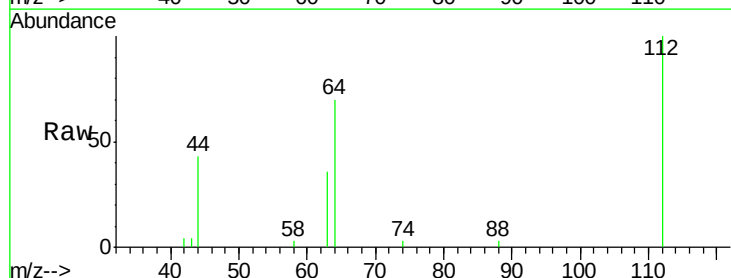
Tgt Ion:112 Resp: 20958

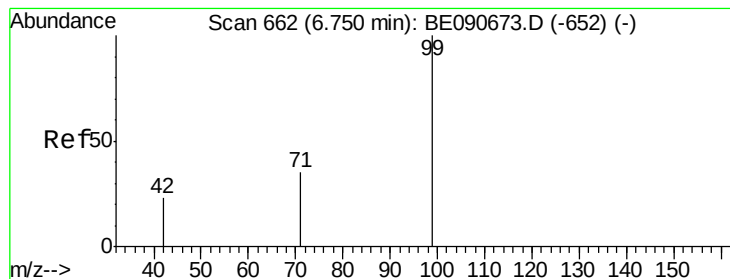
Ion Ratio Lower Upper

112 100

64 72.4 57.3 85.9

63 37.6 29.2 43.8





#5

Phenol-d6

Concen: 1.89 ng

RT: 6.75 min Scan# 663

Delta R.T. 0.00 min

Lab File: BE090822.D

Acq: 15 Sep 2015 5:19

Instrument :

BNA_E

ClientSampleId :

091315-D534-F-U-S

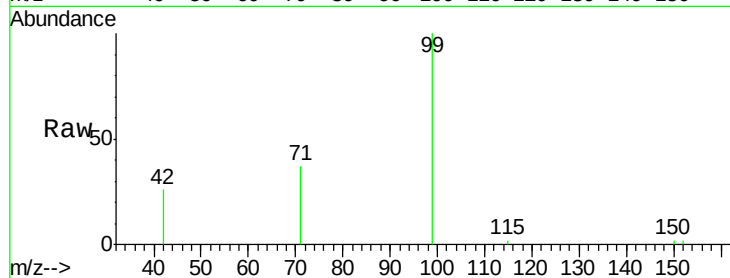
Tgt Ion: 99 Resp: 16071

Ion Ratio Lower Upper

99 100

42 21.4 16.8 25.2

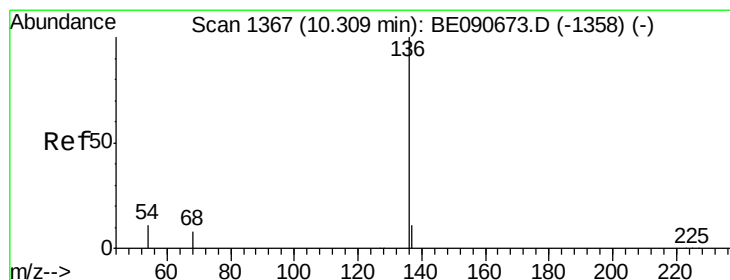
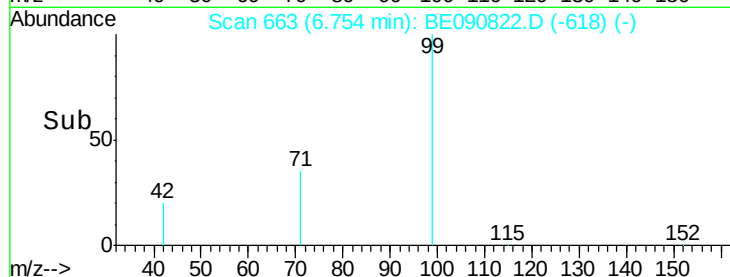
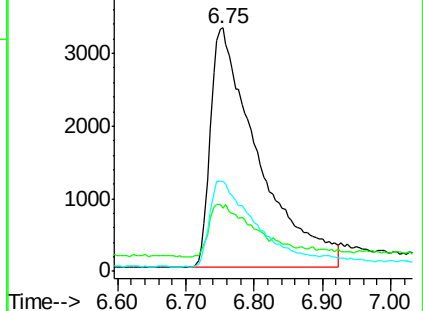
71 35.4 28.3 42.5



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: BE090822.D

Acq: 15 Sep 2015 5:19

Tgt Ion: 136 Resp: 130369

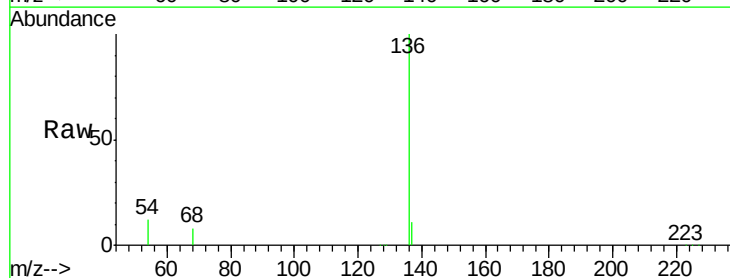
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 11.5 9.0 13.6

68 8.2 6.3 9.5

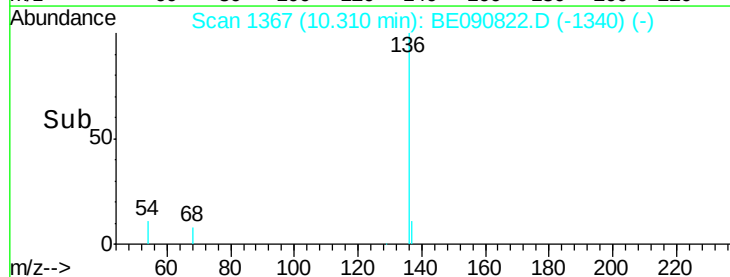
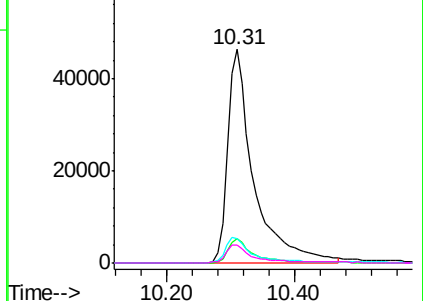


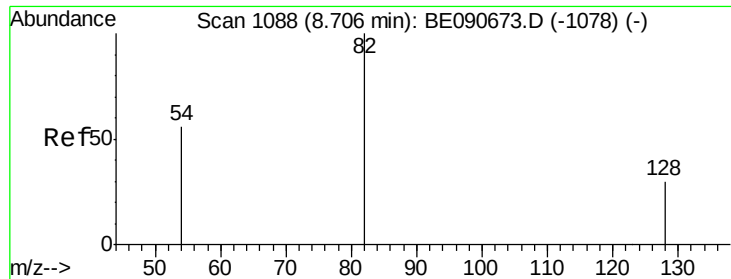
Abundance Ion 136.00 (135.70 to 136.70): E

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: 4.20 ng

RT: 8.71 min Scan# 1089

Delta R.T. 0.01 min

Lab File: BE090822.D

Acq: 15 Sep 2015 5:19

Instrument :

BNA_E

ClientSampleId :

091315-D534-F-U-S

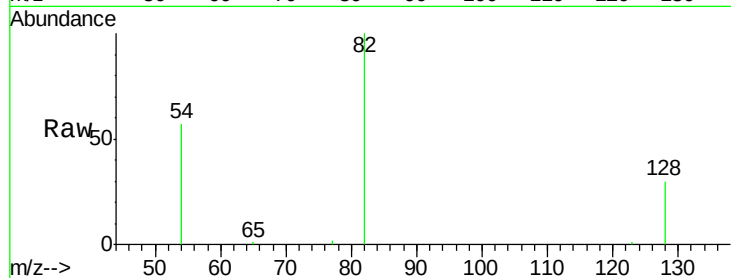
Tgt Ion: 82 Resp: 36162

Ion Ratio Lower Upper

82 100

128 29.7 25.0 37.4

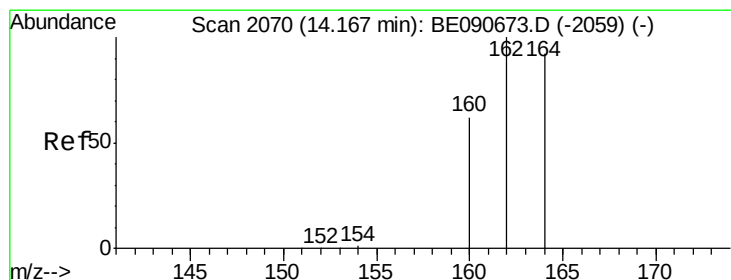
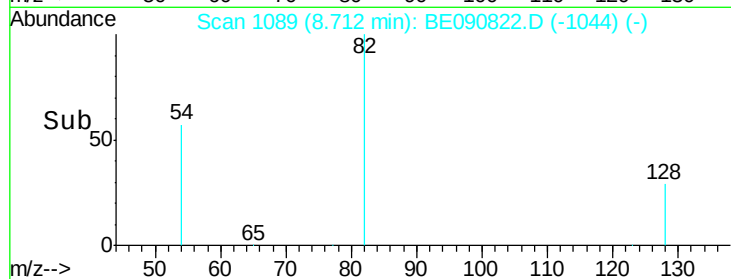
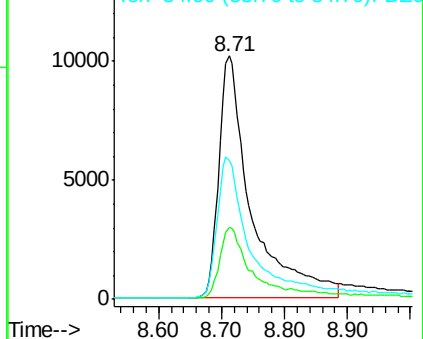
54 57.0 46.3 69.5



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# 2070

Delta R.T. 0.00 min

Lab File: BE090822.D

Acq: 15 Sep 2015 5:19

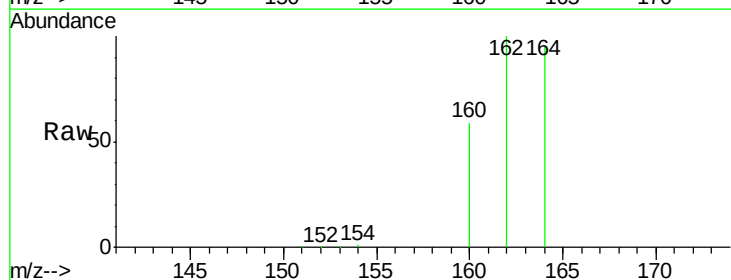
Tgt Ion: 164 Resp: 68357

Ion Ratio Lower Upper

164 100

162 105.5 86.8 130.2

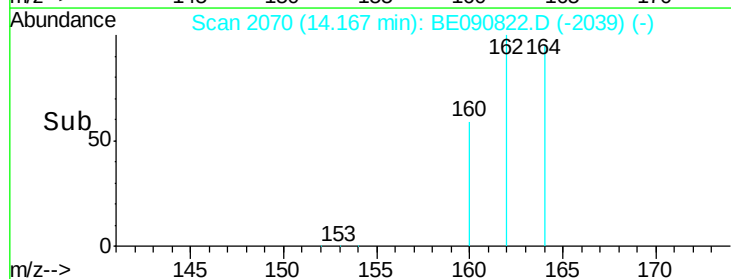
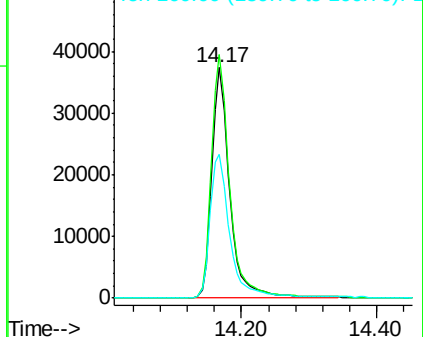
160 62.4 53.9 80.9

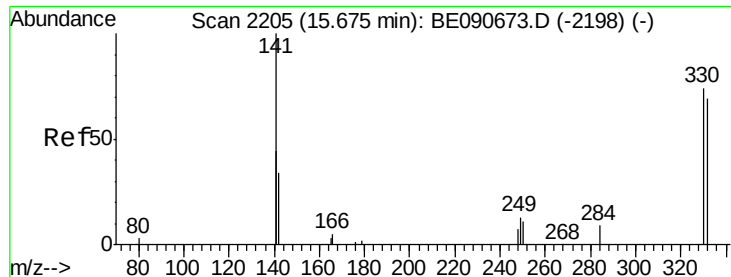


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

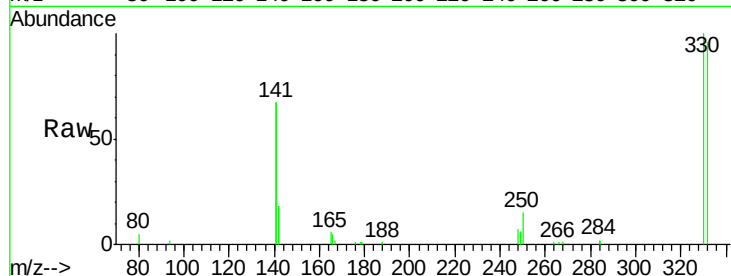




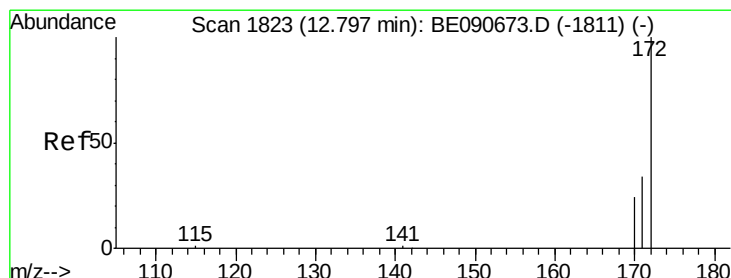
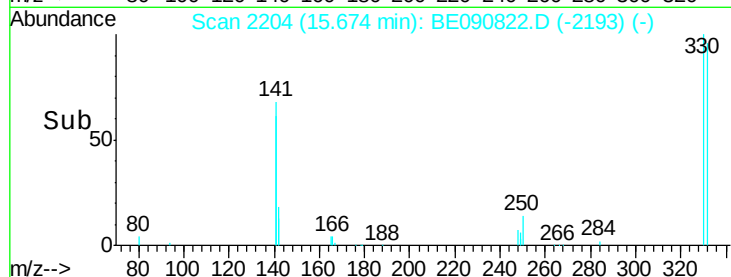
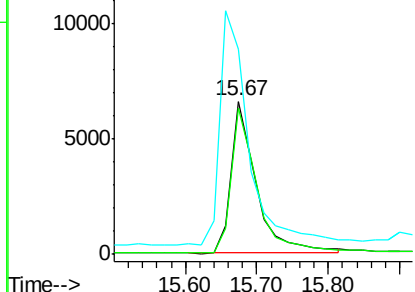
#13
 2,4,6-Tribromophenol
 Concen: 8.04 ng
 RT: 15.67 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: BE090822.D
 Acq: 15 Sep 2015 5:19

Instrument :
 BNA_E
 ClientSampleId :
 091315-D534-F-U-S

Tgt Ion: 330 Resp: 16142
 Ion Ratio Lower Upper
 330 100
 332 97.7 74.9 112.3
 141 178.3 145.2 217.8

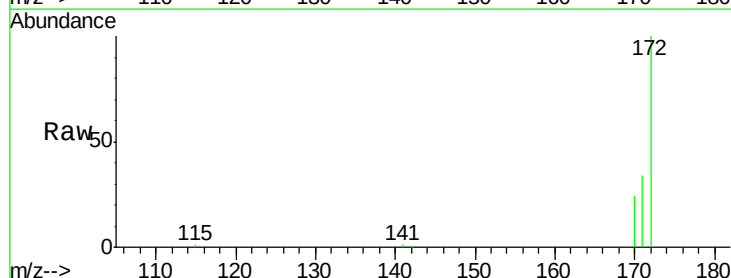


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

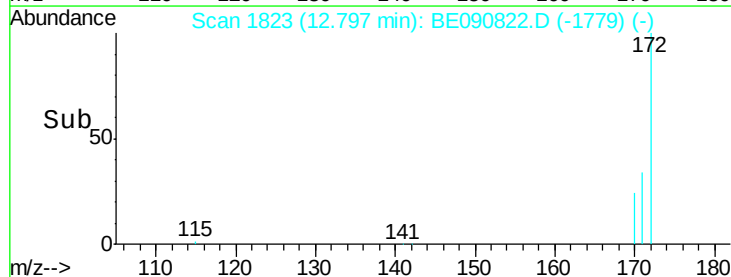
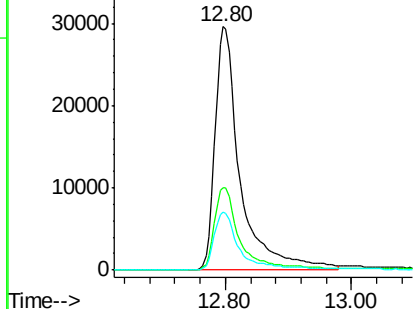


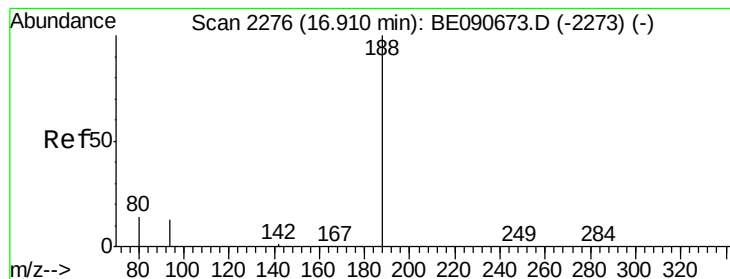
#14
 2-Fluorobiphenyl
 Concen: 4.30 ng
 RT: 12.80 min Scan# 1823
 Delta R.T. -0.00 min
 Lab File: BE090822.D
 Acq: 15 Sep 2015 5:19

Tgt Ion: 172 Resp: 81348
 Ion Ratio Lower Upper
 172 100
 171 34.1 27.8 41.8
 170 24.0 19.8 29.6



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: 16.91 min Scan# 2275

Delta R.T. -0.00 min

Lab File: BE090822.D

Acq: 15 Sep 2015 5:19

Instrument :

BNA_E

ClientSampleId :

091315-D534-F-U-S

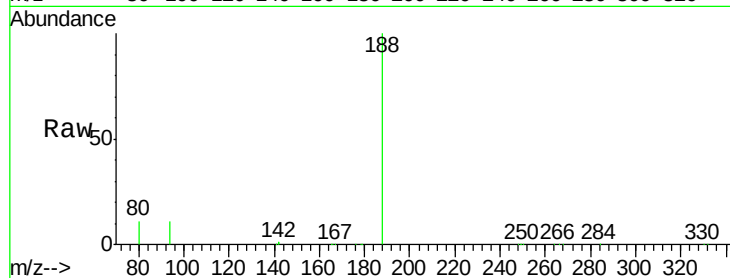
Tgt Ion:188 Resp: 184783

Ion Ratio Lower Upper

188 100

94 10.8 10.3 15.5

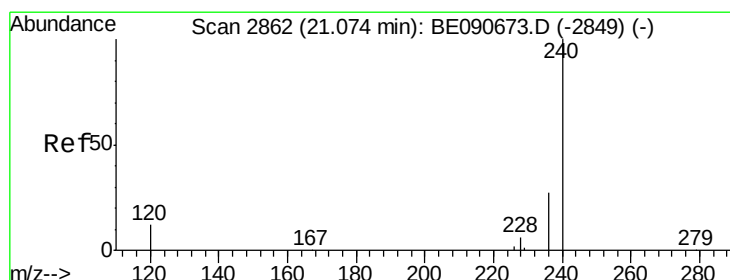
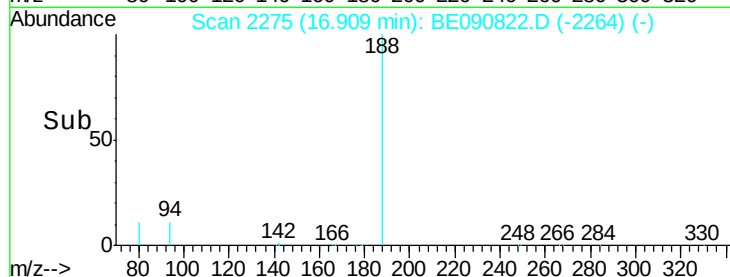
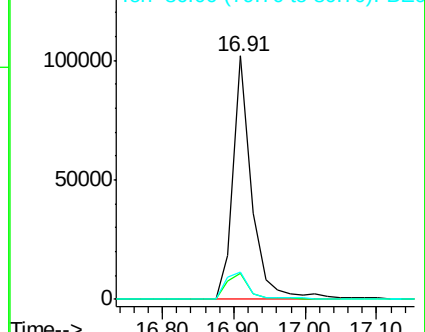
80 11.4 11.0 16.6



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# 2859

Delta R.T. -0.01 min

Lab File: BE090822.D

Acq: 15 Sep 2015 5:19

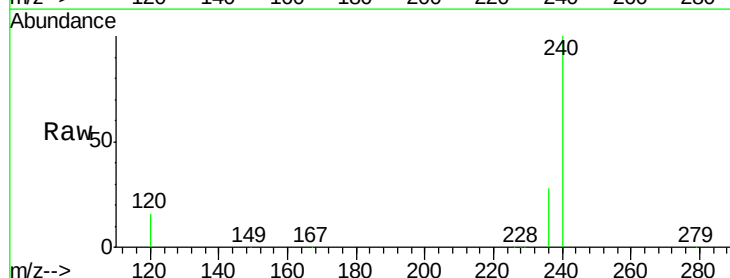
Tgt Ion:240 Resp: 244952

Ion Ratio Lower Upper

240 100

120 15.5 10.1 15.1#

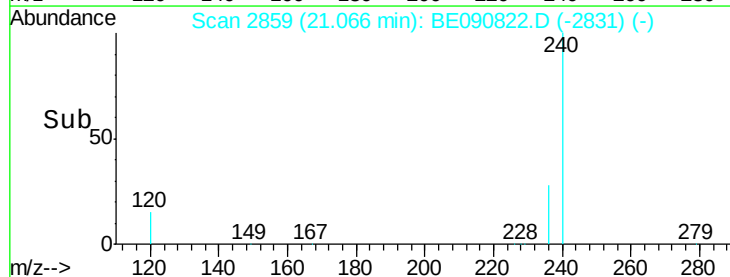
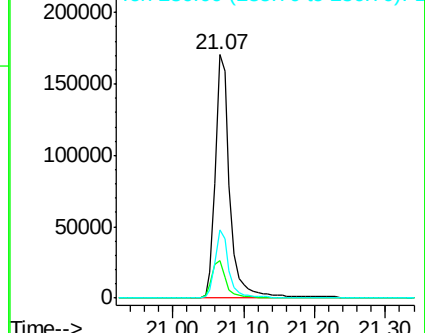
236 28.3 21.9 32.9

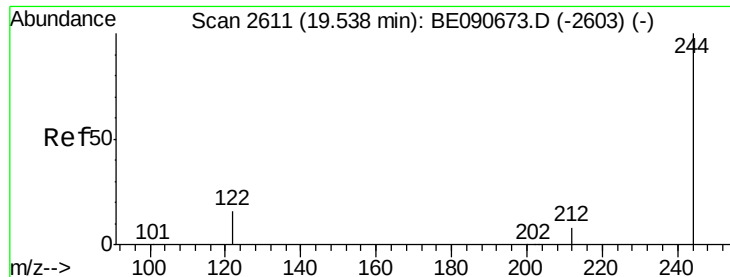


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

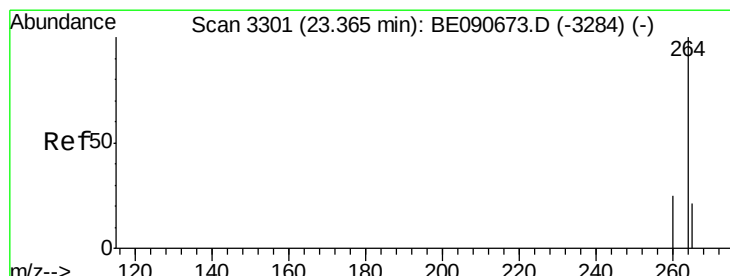
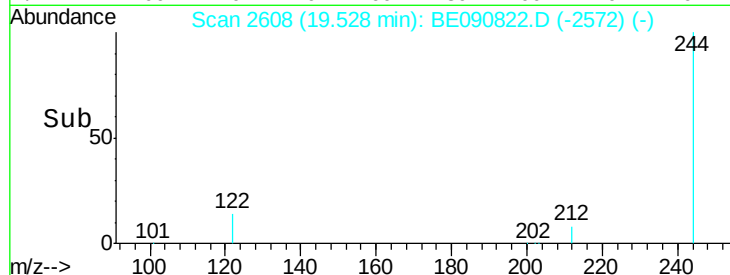
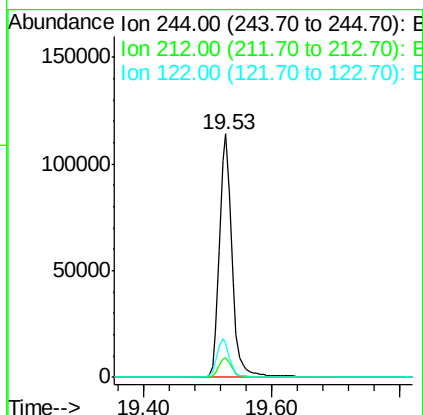
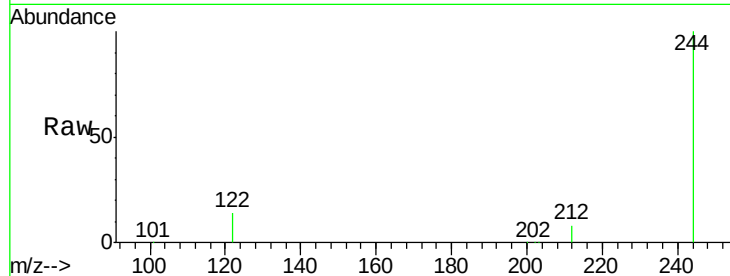




#27
 Terphenyl-d14
 Concen: 5.75 ng
 RT: 19.53 min Scan# 2608
 Delta R.T. -0.01 min
 Lab File: BE090822.D
 Acq: 15 Sep 2015 5:19

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 091315-D534-F-U-S

Tgt Ion: 244 Resp: 155862
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.9 10.3
 122 13.8 12.9 19.3



#32
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.35 min Scan# 3297
 Delta R.T. -0.01 min
 Lab File: BE090822.D
 Acq: 15 Sep 2015 5:19

Tgt Ion: 264 Resp: 232094
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.7 29.5
 265 21.5 17.5 26.3

