

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE071015\
 Data File : BE090082.D
 Acq On : 10 Jul 2015 14:28
 Operator : TP/IZ
 Sample : G2824-14RE
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 X1SS0820624-150626RE

Quant Time: Jul 13 15:23:33 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE062915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 30 07:01:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	13511	5.00	ng	0.00
6) Naphthalene-d8	10.37	136	53083	5.00	ng	-0.01
12) Acenaphthene-d10	14.22	164	27991	5.00	ng	-0.01
18) Phenanthrene-d10	16.96	188	61833	5.00	ng	-0.02
25) Chrysene-d12	21.12	240	67176	5.00	ng	-0.01
32) Perylene-d12	23.43	264	59788	5.00	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	24002	7.73	ng	0.00
5) Phenol-d6	6.80	99	36973	8.51	ng	0.00
7) Nitrobenzene-d5	8.75	82	22034	5.23	ng	0.00
13) 2,4,6-Tribromophenol	15.73	330	7345	8.95	ng	0.00
14) 2-Fluorobiphenyl	12.85	172	48210	5.73	ng	0.00
27) Terphenyl-d14	19.58	244	68105	6.09	ng	-0.02

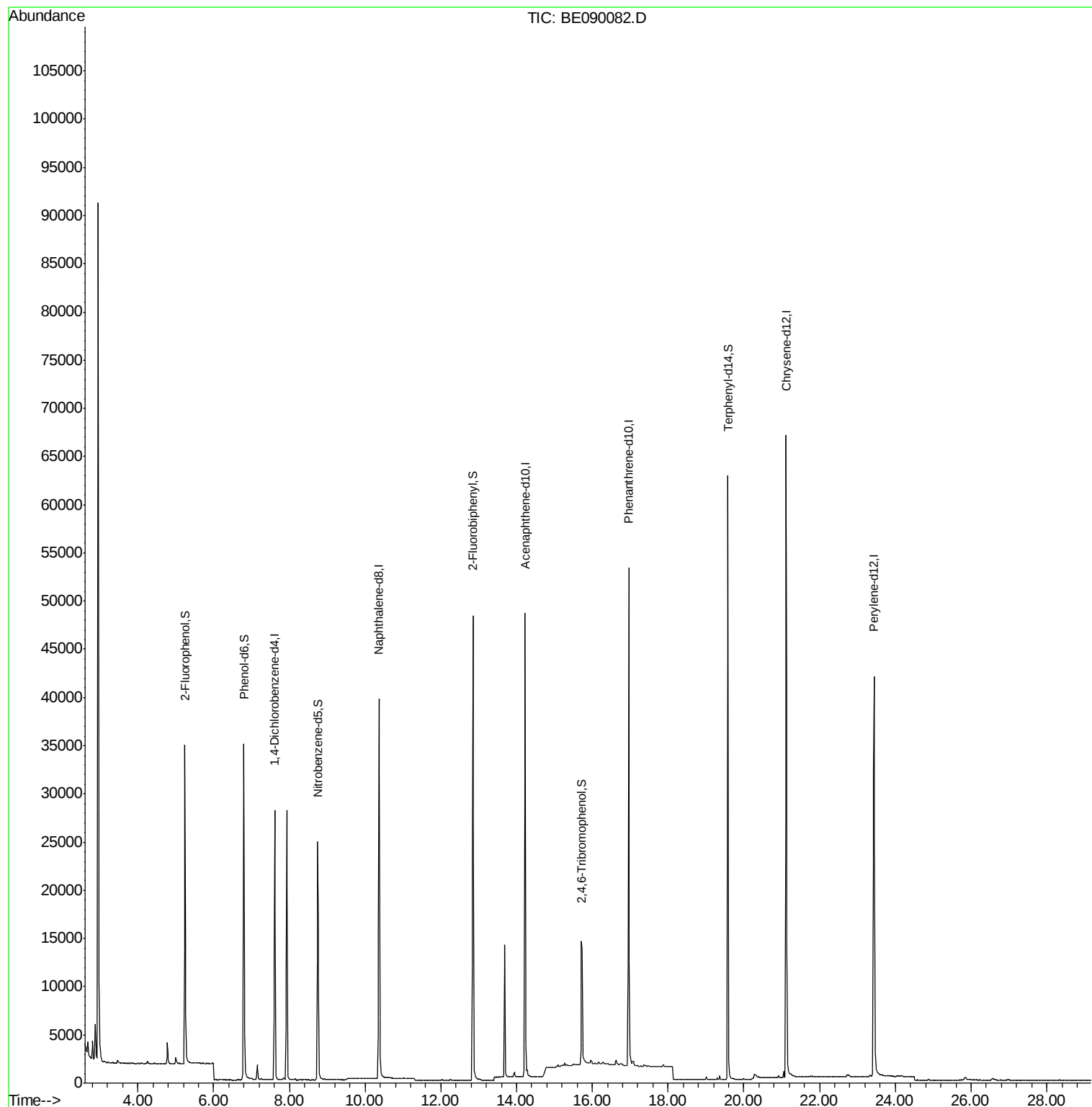
Target Compounds	Qvalue
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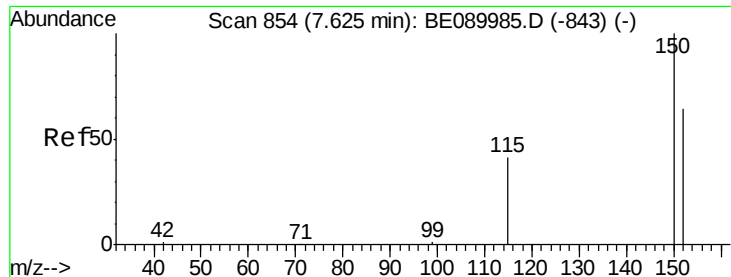
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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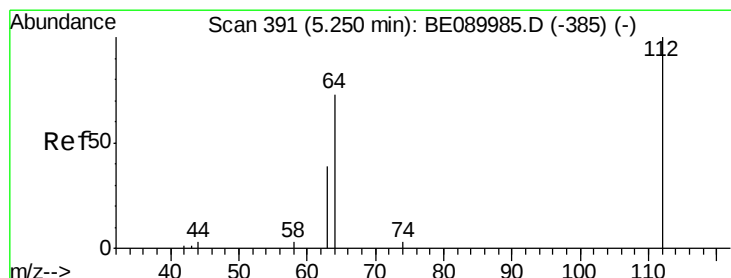
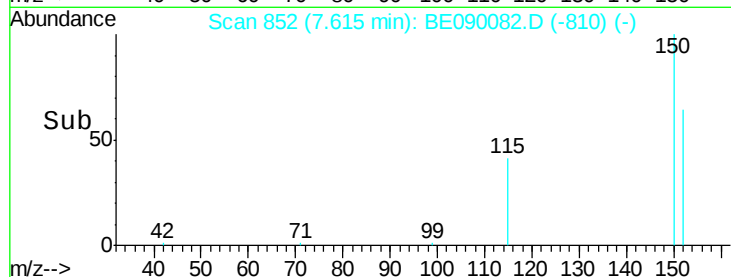
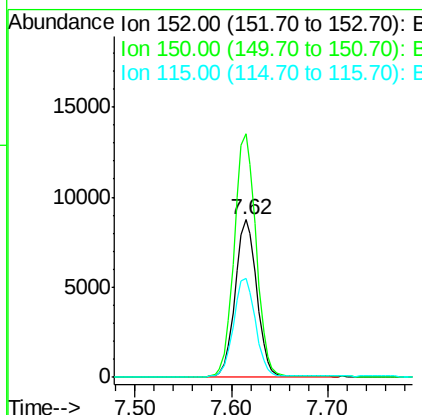
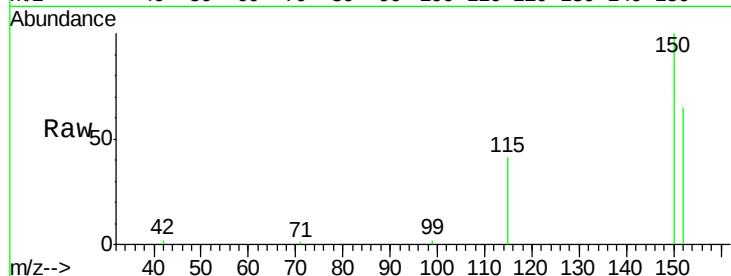




#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.62 min Scan# 852
 Delta R.T. -0.01 min
 Lab File: BE090082.D
 Acq: 10 Jul 2015 14:28

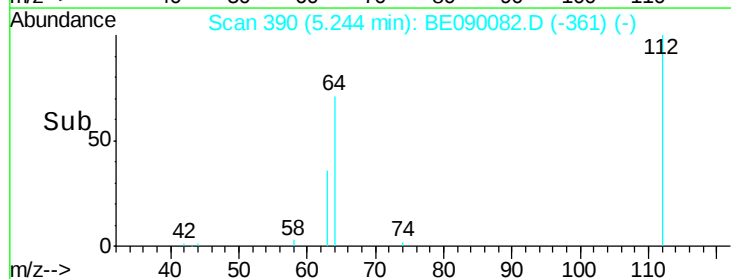
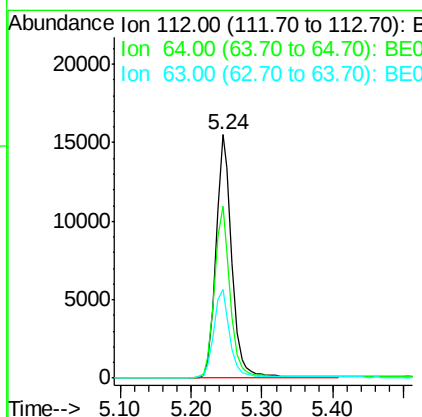
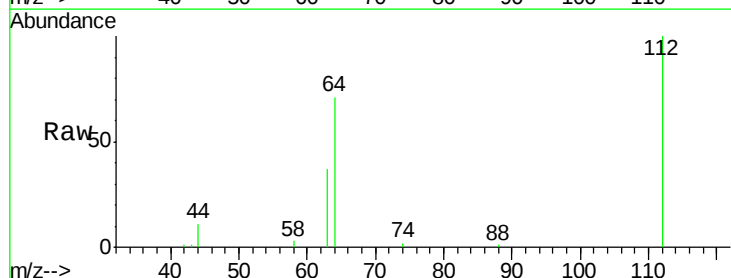
Instrument :
 BNA_E
 ClientSampleId :
 X1SS0820624-150626RE

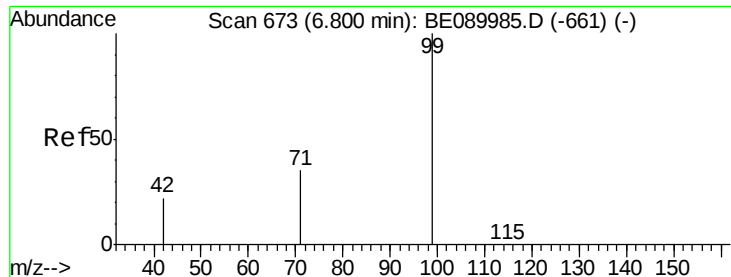
Tgt Ion:152 Resp: 13511
 Ion Ratio Lower Upper
 152 100
 150 154.8 123.9 185.9
 115 63.2 50.6 76.0



#4
 2-Fluorophenol
 Concen: 7.73 ng
 RT: 5.24 min Scan# 390
 Delta R.T. -0.01 min
 Lab File: BE090082.D
 Acq: 10 Jul 2015 14:28

Tgt Ion:112 Resp: 24002
 Ion Ratio Lower Upper
 112 100
 64 70.0 56.3 84.5
 63 36.6 29.8 44.6





#5

Phenol-d6

Concen: 8.51 ng

RT: 6.80 min Scan# 672

Delta R.T. -0.00 min

Lab File: BE090082.D

Acq: 10 Jul 2015 14:28

Instrument :

BNA_E

ClientSampleId :

X1SS0820624-150626RE

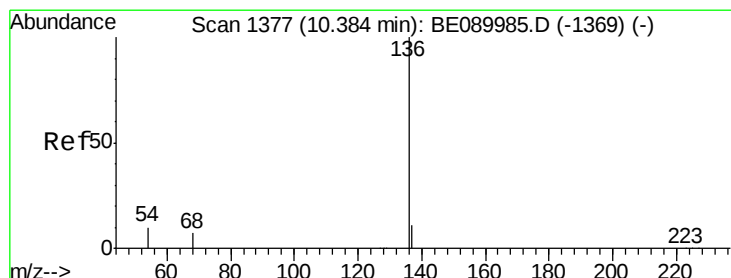
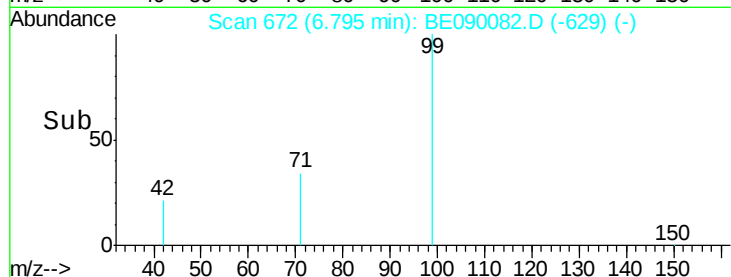
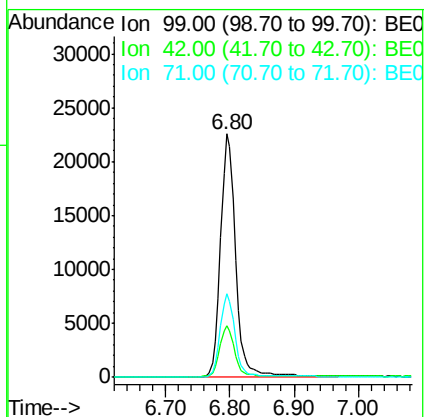
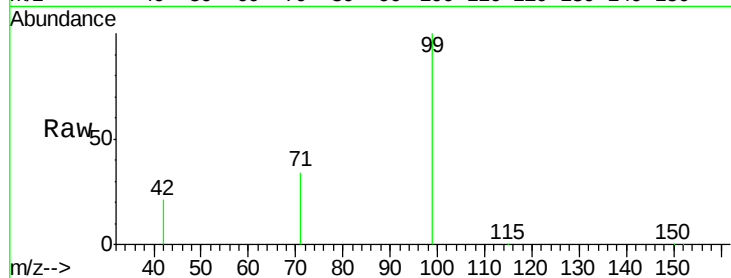
Tgt Ion: 99 Resp: 36973

Ion Ratio Lower Upper

99 100

42 20.8 18.7 28.1

71 33.5 27.5 41.3



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.37 min Scan# 1375

Delta R.T. -0.01 min

Lab File: BE090082.D

Acq: 10 Jul 2015 14:28

Tgt Ion: 136 Resp: 53083

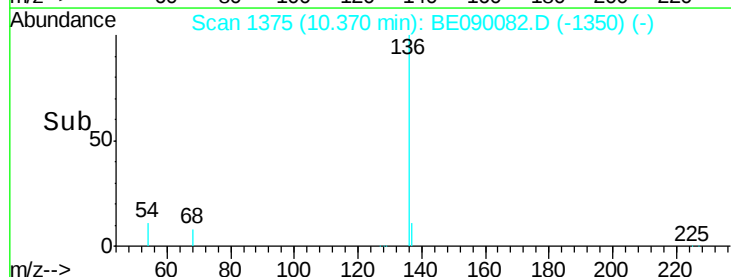
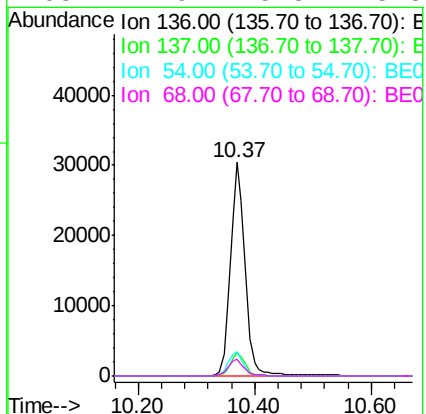
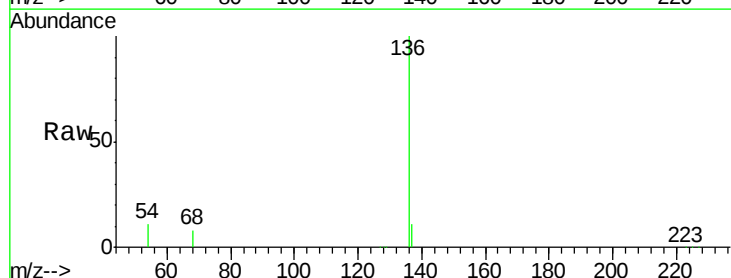
Ion Ratio Lower Upper

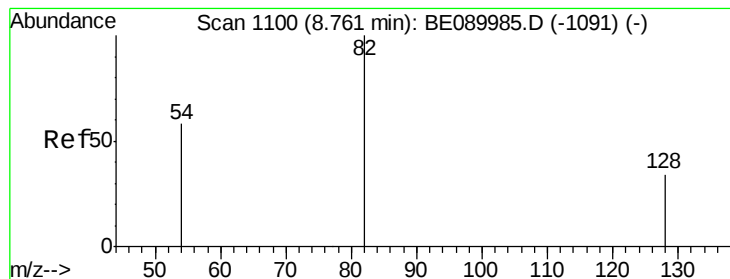
136 100

137 11.0 8.9 13.3

54 11.2 8.2 12.4

68 7.9 5.8 8.8





#7

Nitrobenzene-d5

Concen: 5.23 ng

RT: 8.75 min Scan# 1098

Delta R.T. -0.01 min

Lab File: BE090082.D

Acq: 10 Jul 2015 14:28

Instrument :

BNA_E

ClientSampleId :

X1SS0820624-150626RE

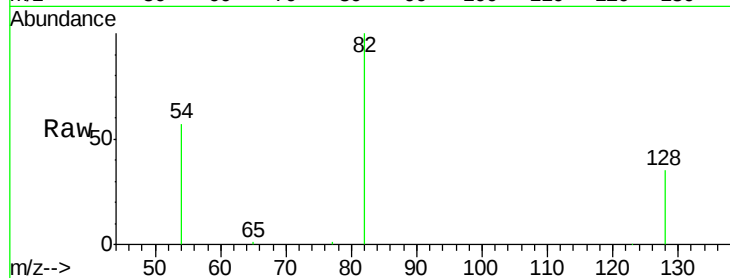
Tgt Ion: 82 Resp: 22034

Ion Ratio Lower Upper

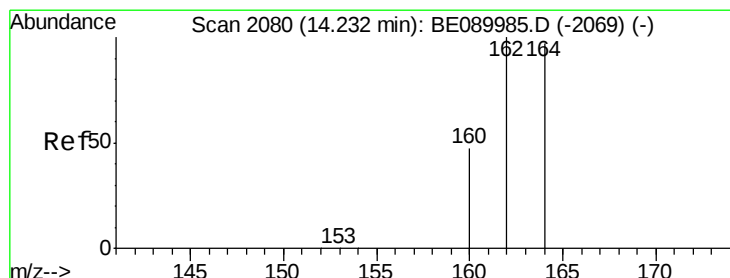
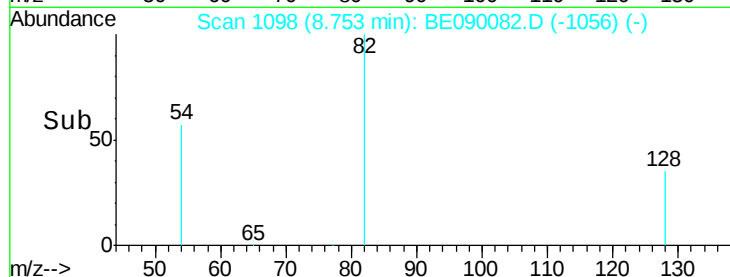
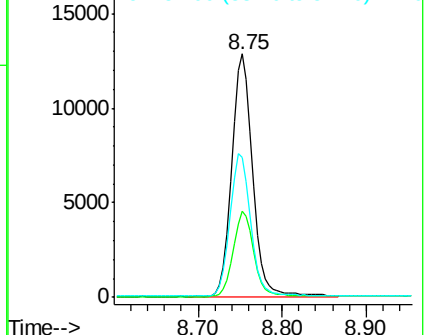
82 100

128 35.3 28.0 42.0

54 57.3 47.6 71.4



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: 14.22 min Scan# 2078

Delta R.T. -0.01 min

Lab File: BE090082.D

Acq: 10 Jul 2015 14:28

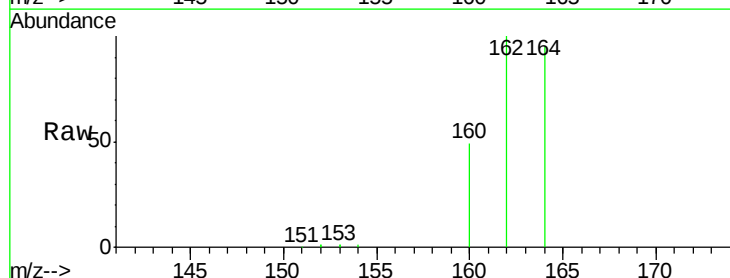
Tgt Ion: 164 Resp: 27991

Ion Ratio Lower Upper

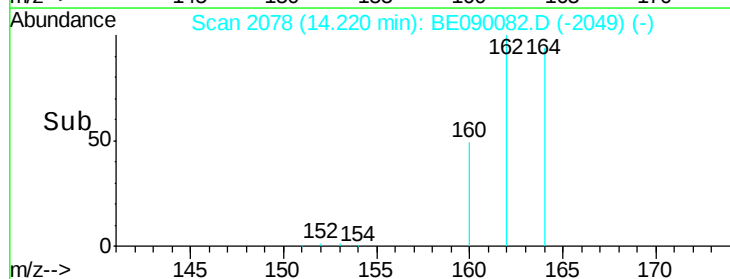
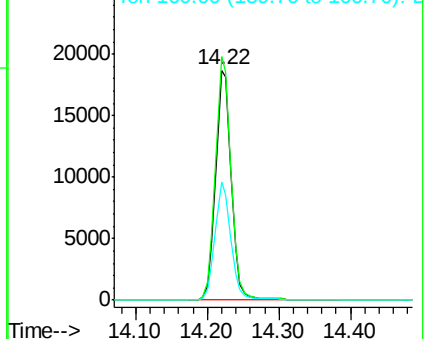
164 100

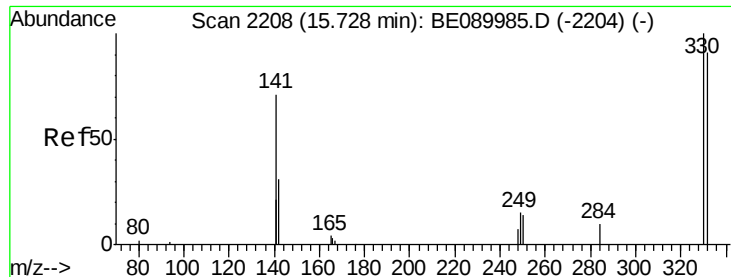
162 105.8 82.2 123.4

160 51.6 39.0 58.6



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

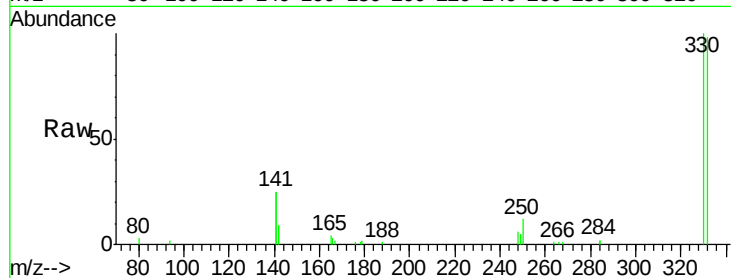




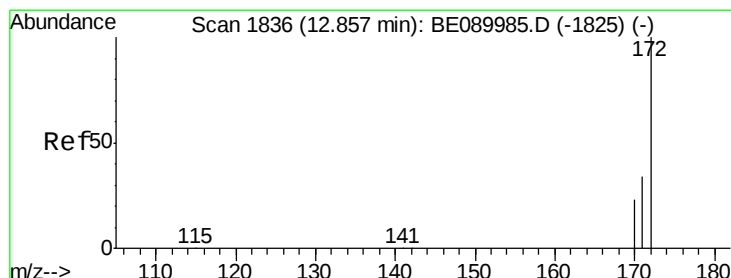
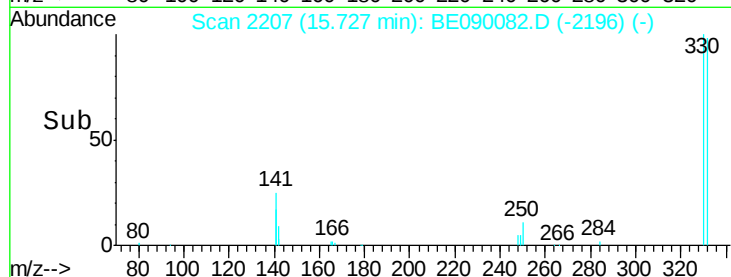
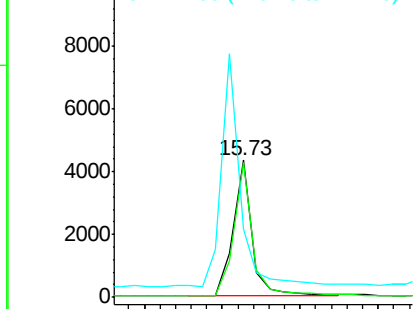
#13
 2,4,6-Tribromophenol
 Concen: 8.95 ng
 RT: 15.73 min Scan# 2207
 Delta R.T. -0.00 min
 Lab File: BE090082.D
 Acq: 10 Jul 2015 14:28

Instrument :
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 ClientSampleId :
 X1SS0820624-150626RE

Tgt Ion: 330 Resp: 7345
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.4 114.6
 141 168.7 130.3 195.5

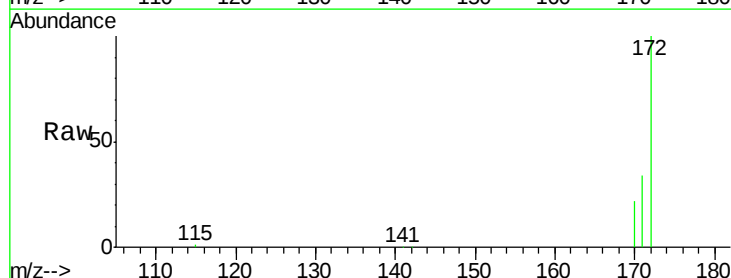


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

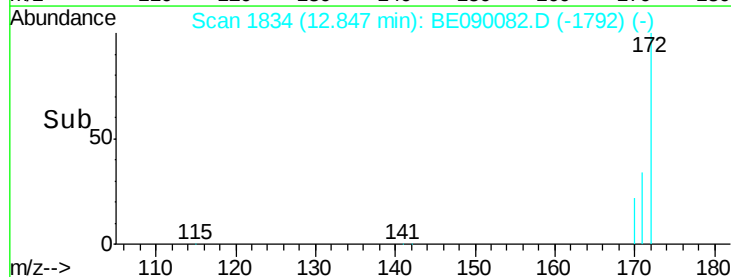
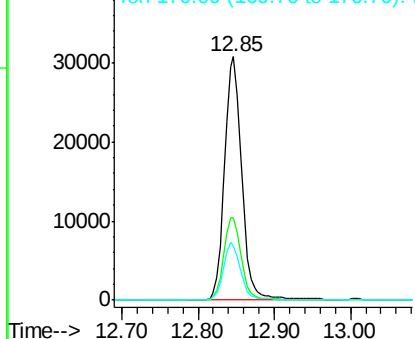


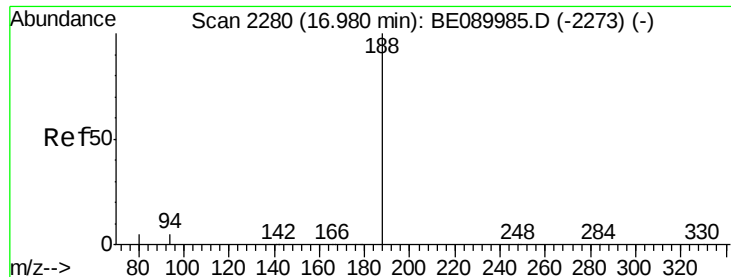
#14
 2-Fluorobiphenyl
 Concen: 5.73 ng
 RT: 12.85 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BE090082.D
 Acq: 10 Jul 2015 14:28

Tgt Ion: 172 Resp: 48210
 Ion Ratio Lower Upper
 172 100
 171 34.0 27.8 41.6
 170 22.5 18.3 27.5



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: 16.96 min Scan# 2278

Delta R.T. -0.02 min

Lab File: BE090082.D

Acq: 10 Jul 2015 14:28

Instrument :

BNA_E

ClientSampleId :

X1SS0820624-150626RE

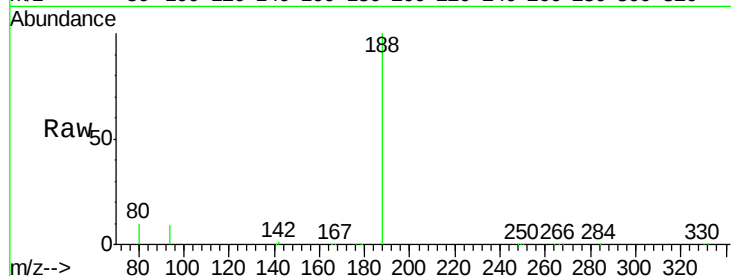
Tgt Ion:188 Resp: 61833

Ion Ratio Lower Upper

188 100

94 9.3 4.1 6.1#

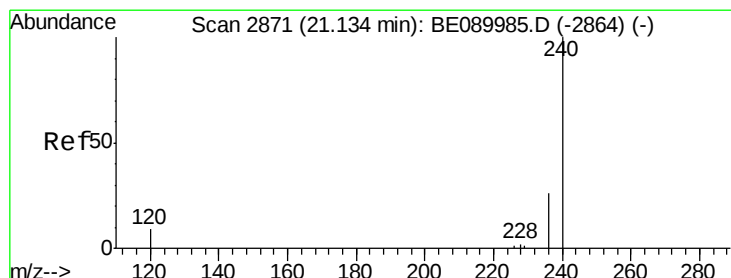
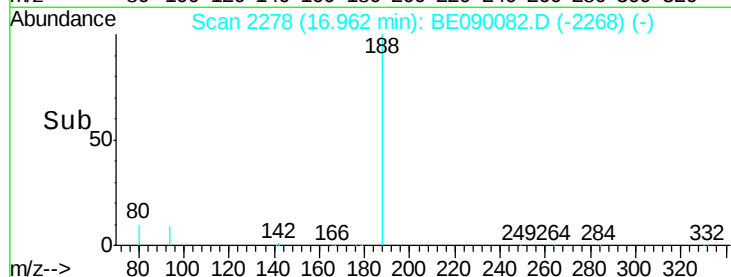
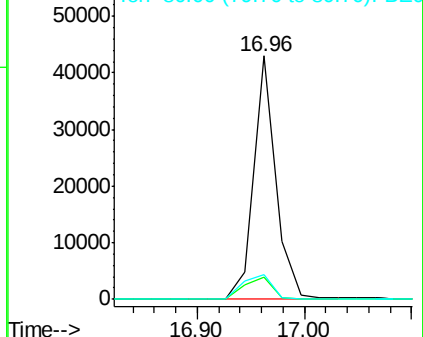
80 10.2 4.2 6.2#



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: 21.12 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BE090082.D

Acq: 10 Jul 2015 14:28

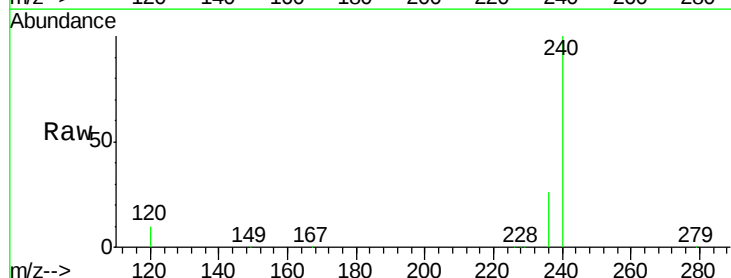
Tgt Ion:240 Resp: 67176

Ion Ratio Lower Upper

240 100

120 9.6 6.9 10.3

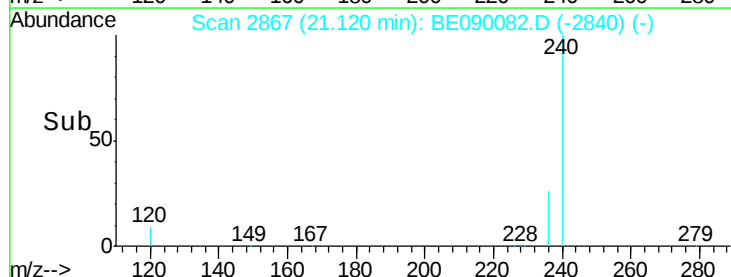
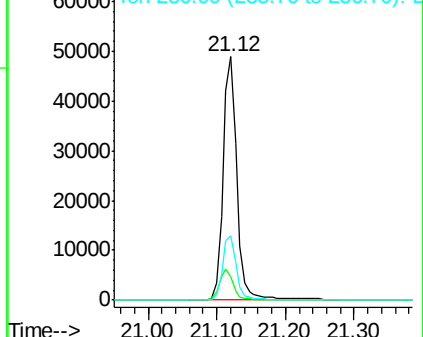
236 26.4 20.8 31.2

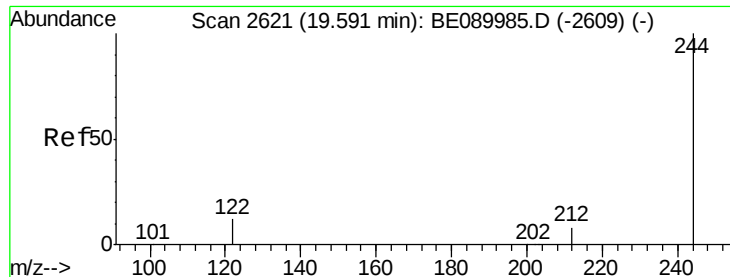


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

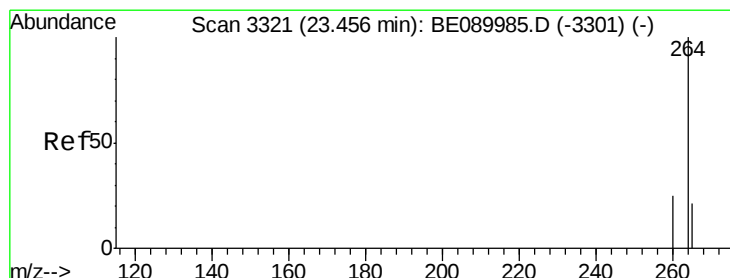
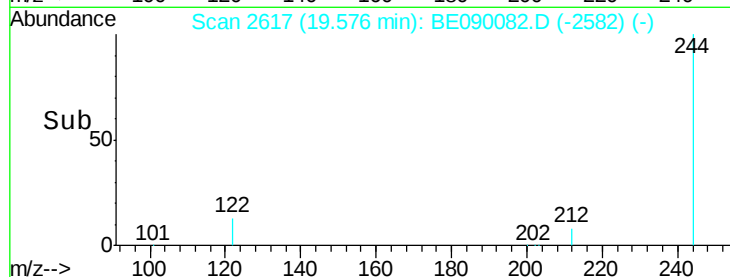
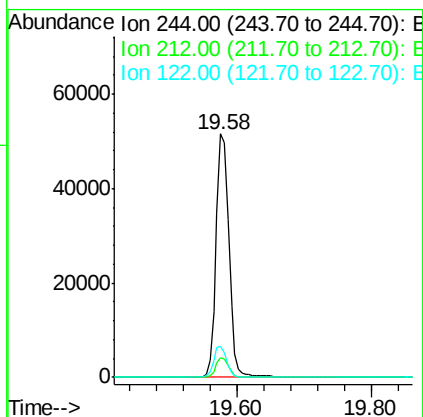
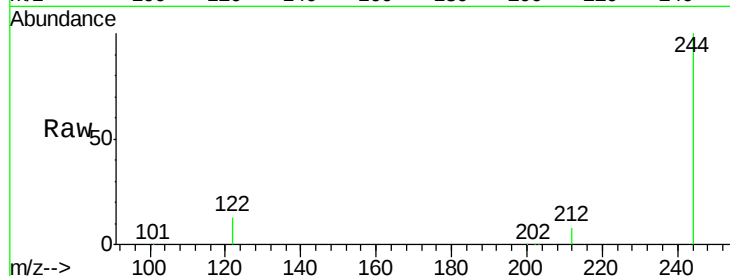




#27
 Terphenyl-d14
 Concen: 6.09 ng
 RT: 19.58 min Scan# 2617
 Delta R.T. -0.02 min
 Lab File: BE090082.D
 Acq: 10 Jul 2015 14:28

Instrument :
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 X1SS0820624-150626RE

Tgt Ion: 244 Resp: 68105
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.6 9.8
 122 13.1 9.8 14.8



#32
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.43 min Scan# 3315
 Delta R.T. -0.02 min
 Lab File: BE090082.D
 Acq: 10 Jul 2015 14:28

Tgt Ion: 264 Resp: 59788
 Ion Ratio Lower Upper
 264 100
 260 24.9 20.2 30.2
 265 22.6 17.1 25.7

