

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE063015\
 Data File : BE090014.D
 Acq On : 30 Jun 2015 17:20
 Operator : TP/IZ
 Sample : PB84283BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB84283BL

Quant Time: Jul 01 05:31:29 2015
 Quant Method : Z:\HPCHEM1\BNA_M\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	12343	5.00	ng	0.00
6) Naphthalene-d8	10.37	136	52485	5.00	ng	-0.01
12) Acenaphthene-d10	14.23	164	28715	5.00	ng	0.00
18) Phenanthrene-d10	16.96	188	66605	5.00	ng	-0.02
25) Chrysene-d12	21.13	240	82641	5.00	ng	0.00
32) Perylene-d12	23.44	264	83240	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	19860	7.00	ng	-0.01
5) Phenol-d6	6.80	99	27296	6.88	ng	0.00
7) Nitrobenzene-d5	8.75	82	16266	3.90	ng	0.00
13) 2,4,6-Tribromophenol	15.73	330	7011	8.33	ng	0.00
14) 2-Fluorobiphenyl	12.85	172	33197	3.85	ng	-0.01
27) Terphenyl-d14	19.59	244	52203	3.79	ng	0.00

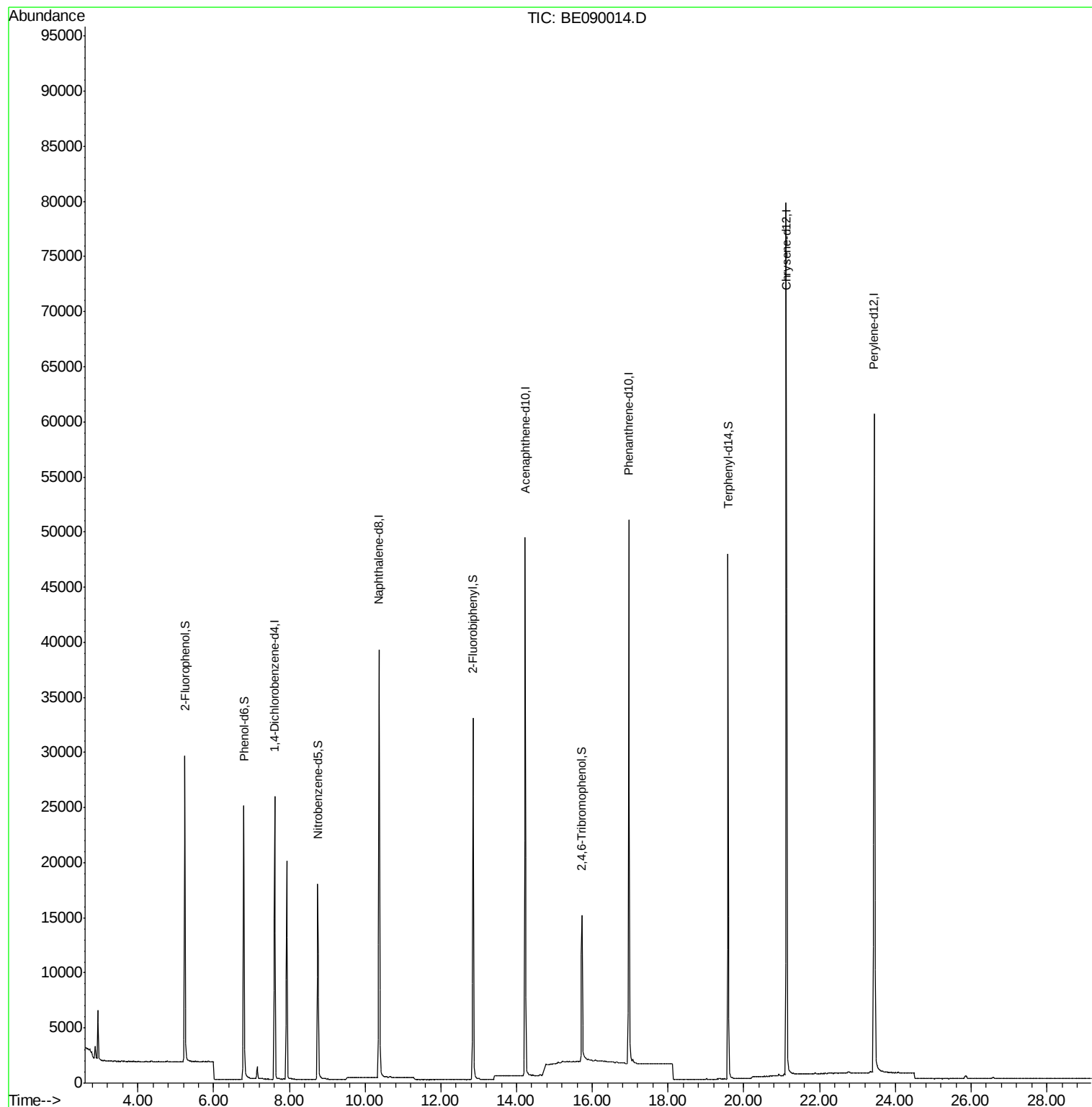
Target Compounds	Qvalue
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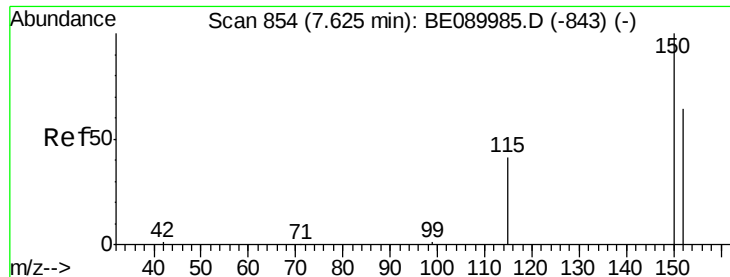
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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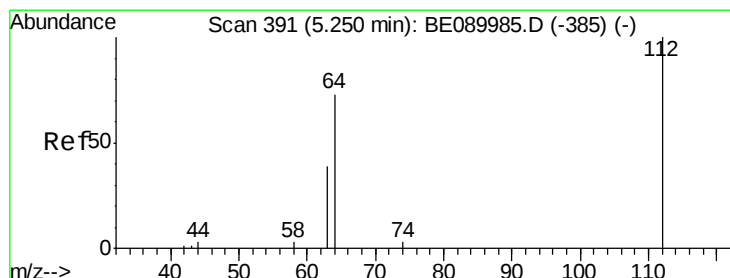
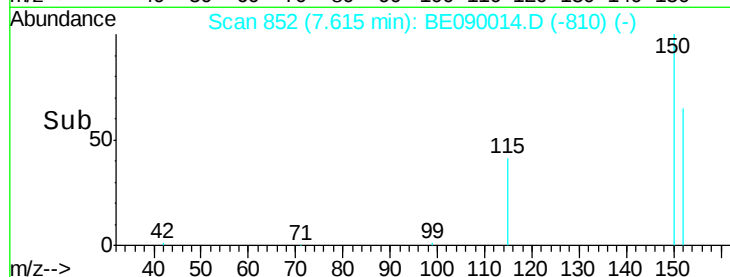
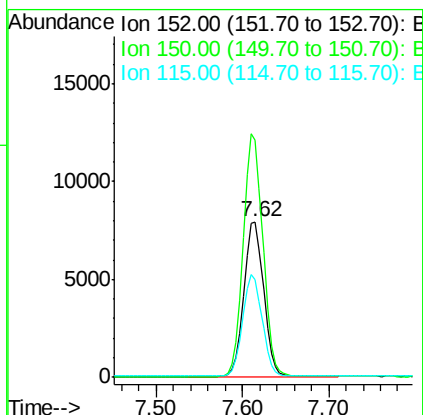
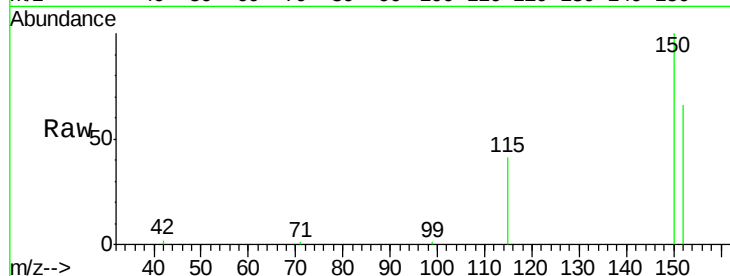


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.62 min Scan# 852
Delta R.T. -0.01 min
Lab File: BE090014.D
Acq: 30 Jun 2015 17:20

Instrument :
BNA_E
ClientSampleId :
PB84283BL

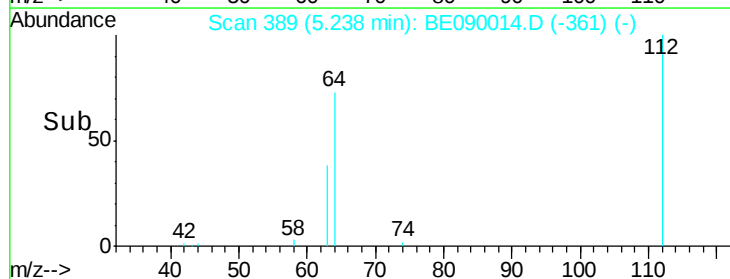
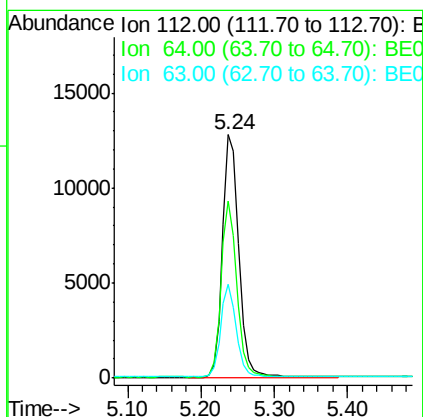
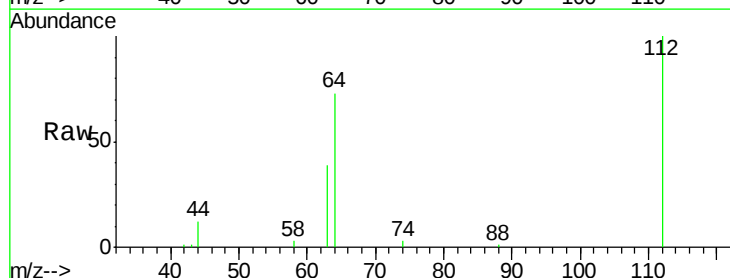
Tgt Ion:152 Resp: 12343
Ion Ratio Lower Upper
152 100
150 152.3 123.9 185.9
115 62.5 50.6 76.0

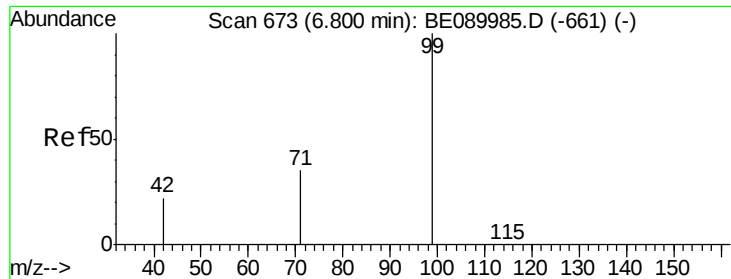


#4

2-Fluorophenol
Concen: 7.00 ng
RT: 5.24 min Scan# 389
Delta R.T. -0.01 min
Lab File: BE090014.D
Acq: 30 Jun 2015 17:20

Tgt Ion:112 Resp: 19860
Ion Ratio Lower Upper
112 100
64 70.6 56.3 84.5
63 36.7 29.8 44.6





#5

Phenol-d6

Concen: 6.88 ng

RT: 6.80 min Scan# 672

Delta R.T. -0.00 min

Lab File: BE090014.D

Acq: 30 Jun 2015 17:20

Instrument :

BNA_E

ClientSampleId :

PB84283BL

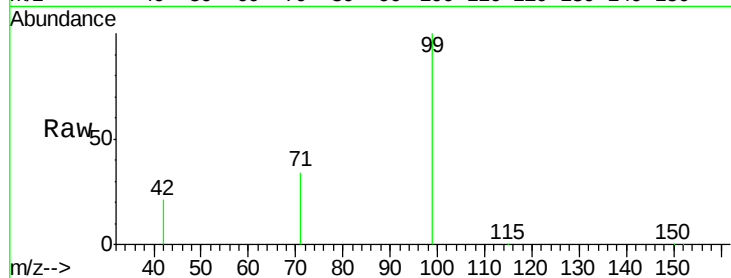
Tgt Ion: 99 Resp: 27296

Ion Ratio Lower Upper

99 100

42 20.5 18.7 28.1

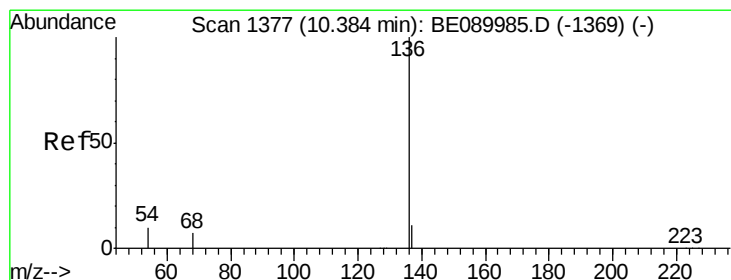
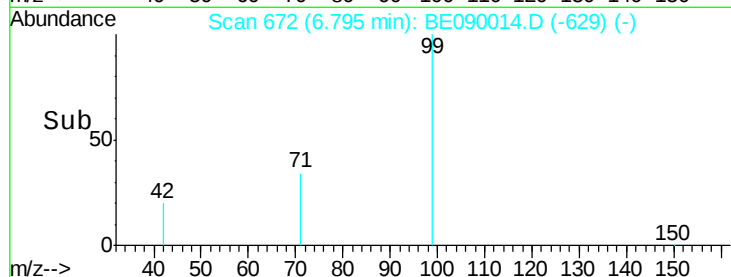
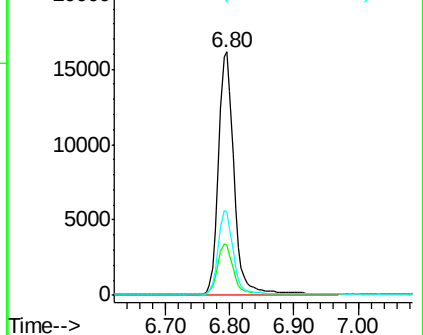
71 34.4 27.5 41.3



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: 10.37 min Scan# 1375

Delta R.T. -0.01 min

Lab File: BE090014.D

Acq: 30 Jun 2015 17:20

Tgt Ion: 136 Resp: 52485

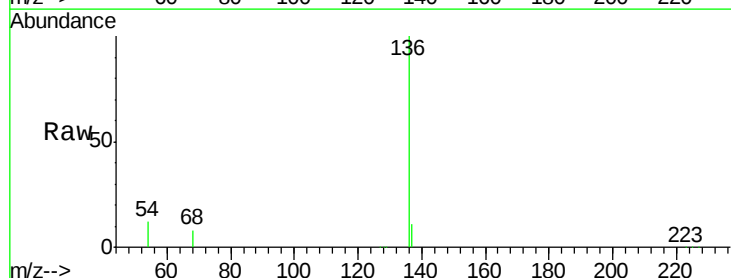
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 11.6 8.2 12.4

68 8.3 5.8 8.8

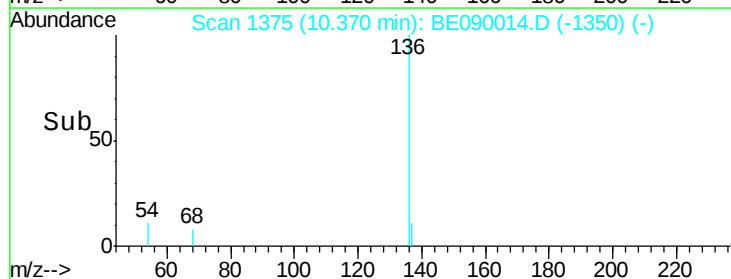
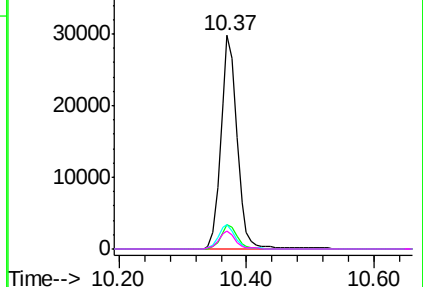


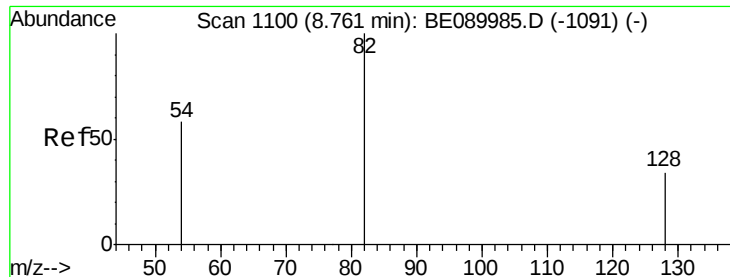
Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.90 ng

RT: 8.75 min Scan# 1098

Delta R.T. -0.01 min

Lab File: BE090014.D

Acq: 30 Jun 2015 17:20

Instrument :

BNA_E

ClientSampleId :

PB84283BL

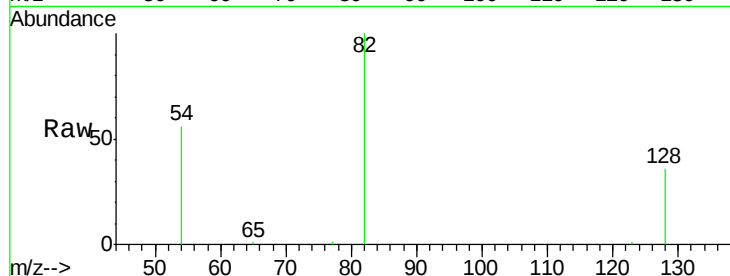
Tgt Ion: 82 Resp: 16266

Ion Ratio Lower Upper

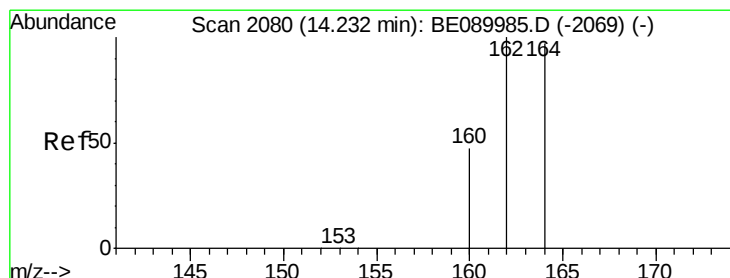
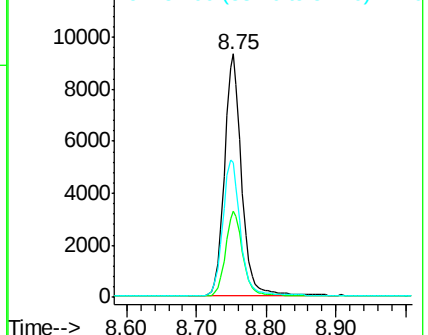
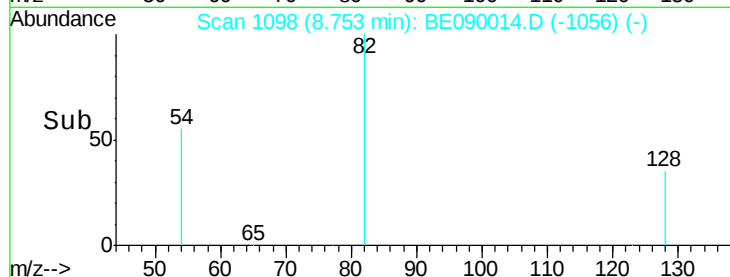
82 100

128 35.6 28.0 42.0

54 55.5 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: 14.23 min Scan# 2080

Delta R.T. -0.00 min

Lab File: BE090014.D

Acq: 30 Jun 2015 17:20

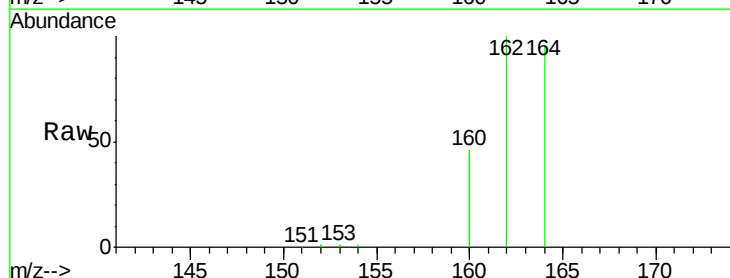
Tgt Ion: 164 Resp: 28715

Ion Ratio Lower Upper

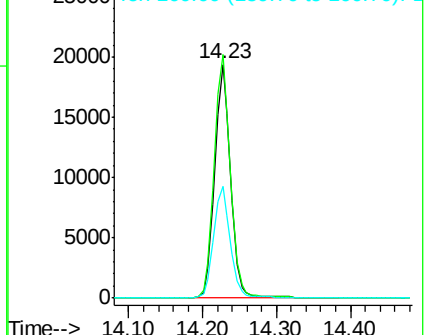
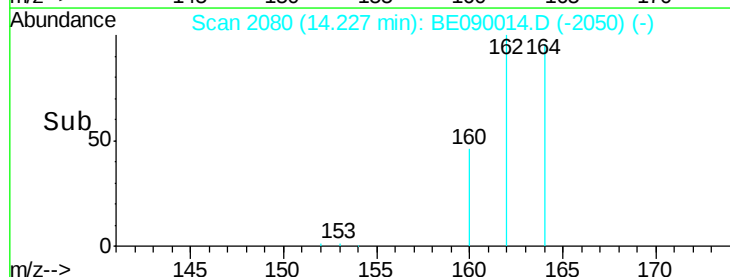
164 100

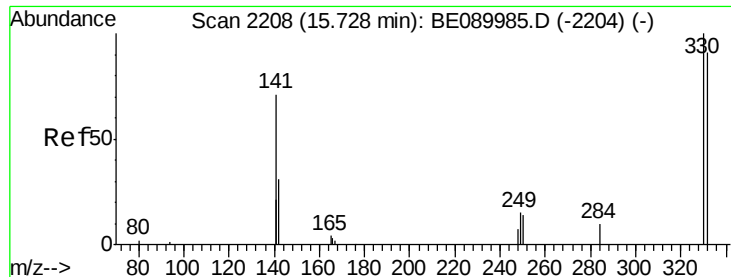
162 104.1 82.2 123.4

160 47.9 39.0 58.6



Abundance Ion 164.00 (163.70 to 164.70): BE
Ion 162.00 (161.70 to 162.70): BE
Ion 160.00 (159.70 to 160.70): BE

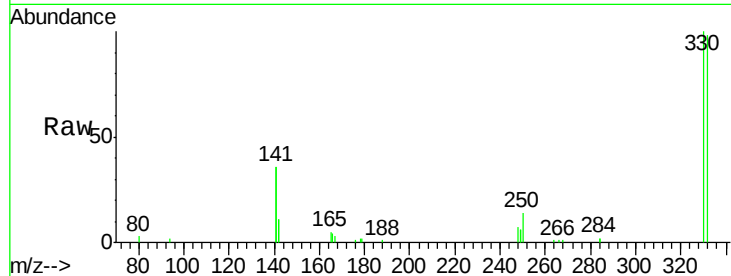




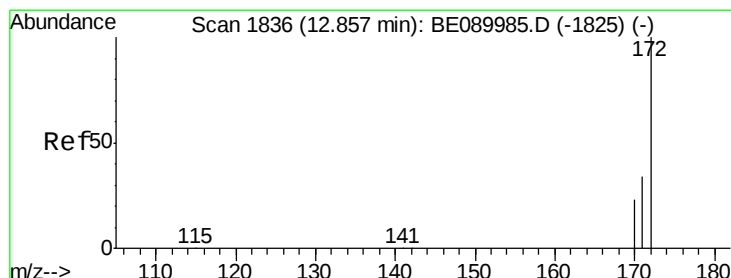
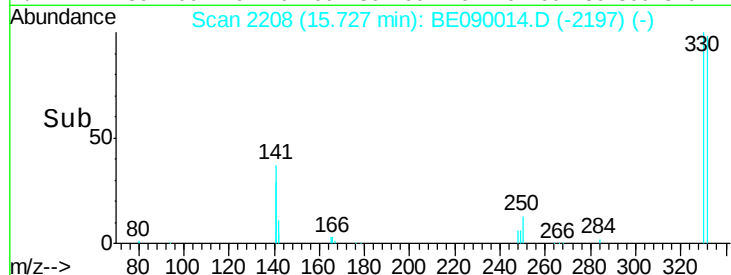
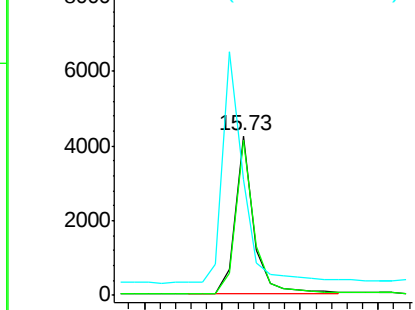
#13
 2,4,6-Tribromophenol
 Concen: 8.33 ng
 RT: 15.73 min Scan# 2208
 Delta R.T. -0.00 min
 Lab File: BE090014.D
 Acq: 30 Jun 2015 17:20

Instrument :
 BNA_E
 ClientSampleId :
 PB84283BL

Tgt Ion: 330 Resp: 7011
 Ion Ratio Lower Upper
 330 100
 332 98.0 76.4 114.6
 141 162.2 130.3 195.5

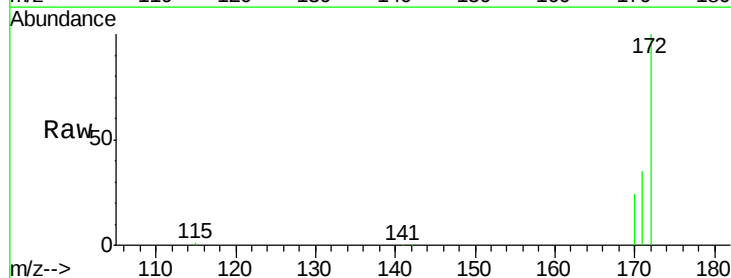


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

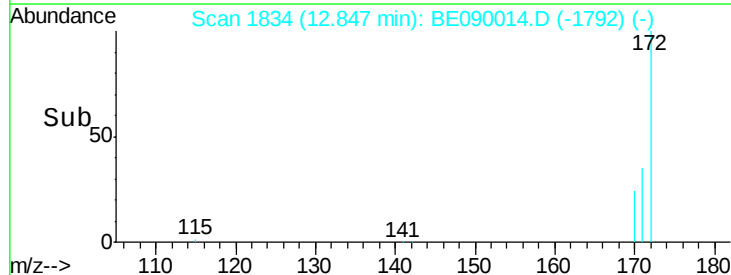
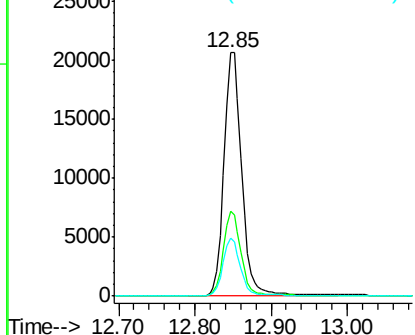


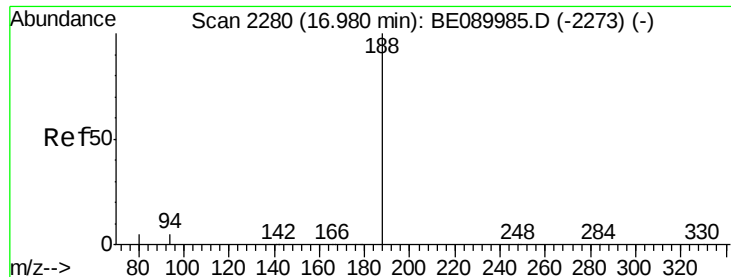
#14
 2-Fluorobiphenyl
 Concen: 3.85 ng
 RT: 12.85 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BE090014.D
 Acq: 30 Jun 2015 17:20

Tgt Ion: 172 Resp: 33197
 Ion Ratio Lower Upper
 172 100
 171 35.1 27.8 41.6
 170 23.7 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# 2279

Delta R.T. -0.02 min

Lab File: BE090014.D

Acq: 30 Jun 2015 17:20

Instrument :

BNA_E

ClientSampleId :

PB84283BL

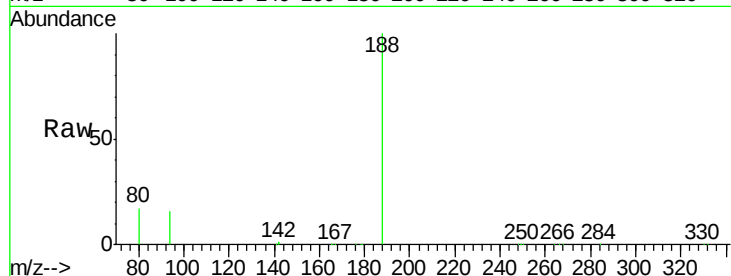
Tgt Ion:188 Resp: 66605

Ion Ratio Lower Upper

188 100

94 15.5 4.1 6.1#

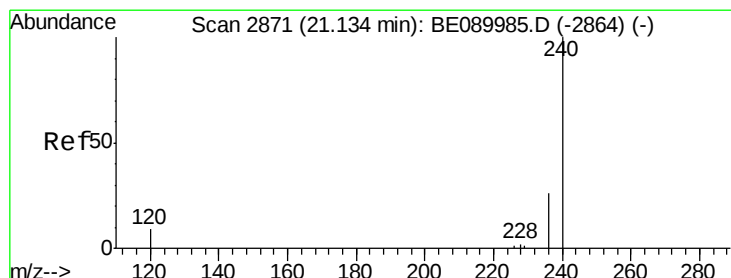
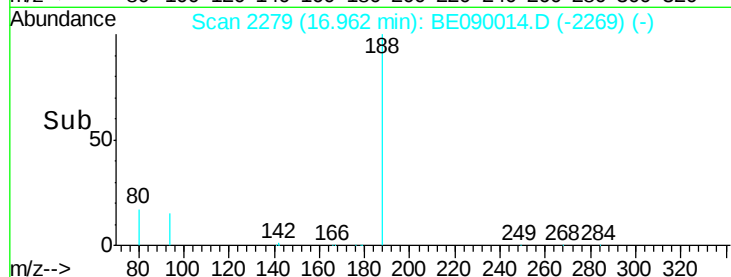
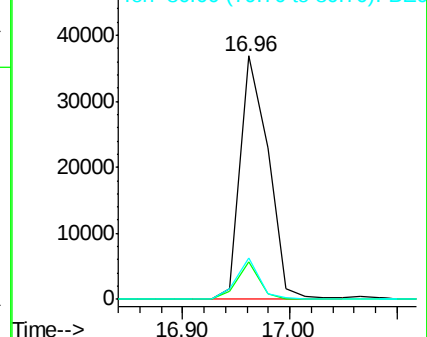
80 17.2 4.2 6.2#



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: 21.13 min Scan# 2869

Delta R.T. -0.01 min

Lab File: BE090014.D

Acq: 30 Jun 2015 17:20

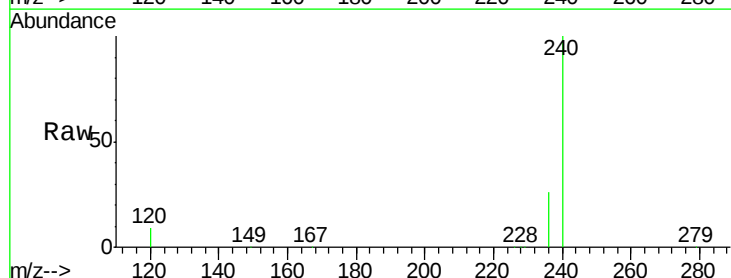
Tgt Ion:240 Resp: 82641

Ion Ratio Lower Upper

240 100

120 9.2 6.9 10.3

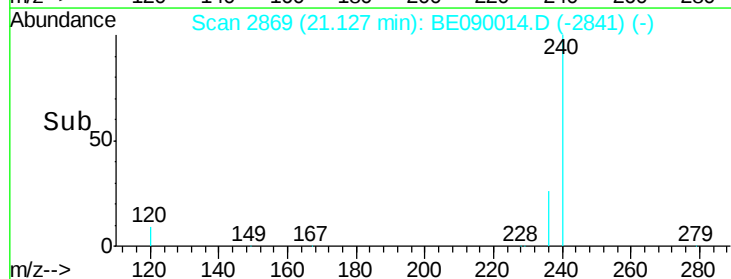
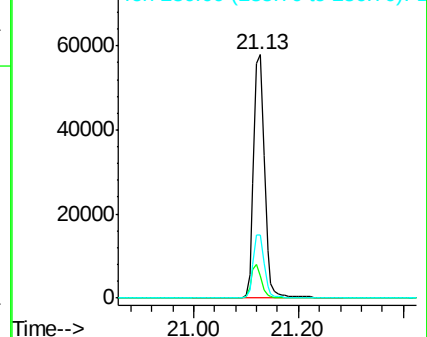
236 26.2 20.8 31.2

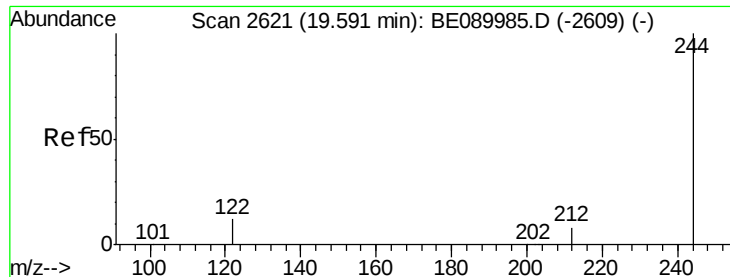


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

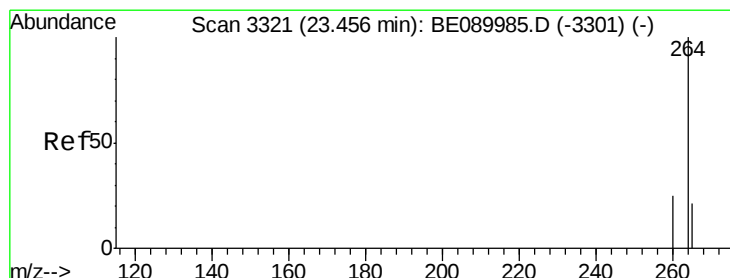
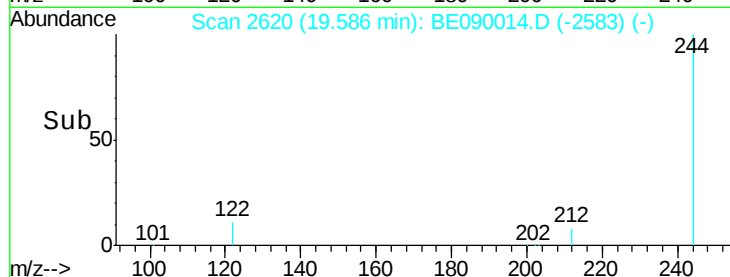
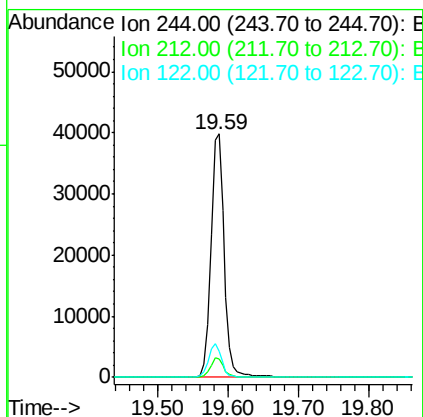
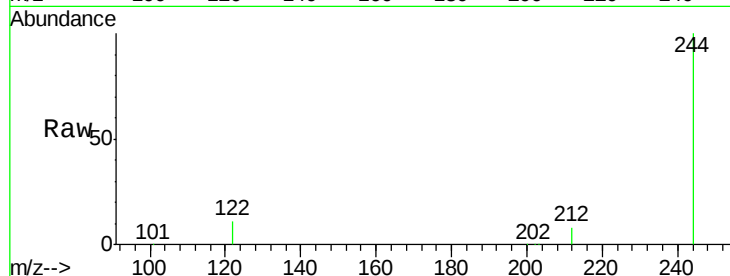




#27
 Terphenyl-d14
 Concen: 3.79 ng
 RT: 19.59 min Scan# 2620
 Delta R.T. -0.00 min
 Lab File: BE090014.D
 Acq: 30 Jun 2015 17:20

Instrument :
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Tgt Ion:244 Resp: 52203
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.6 9.8
 122 10.9 9.8 14.8



#32
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.44 min Scan# 3318
 Delta R.T. -0.01 min
 Lab File: BE090014.D
 Acq: 30 Jun 2015 17:20

Tgt Ion:264 Resp: 83240
 Ion Ratio Lower Upper
 264 100
 260 24.7 20.2 30.2
 265 22.3 17.1 25.7

