

Data Path : Z:\HPCHEM1\BNA E\DATA\BE091415\
 Data File : BE090816.D
 Acq On : 15 Sep 2015 1:44
 Operator : UM/IZ
 Sample : G3658-06
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 091215-D534-E-U-S

Quant Time: Sep 15 03:52:11 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

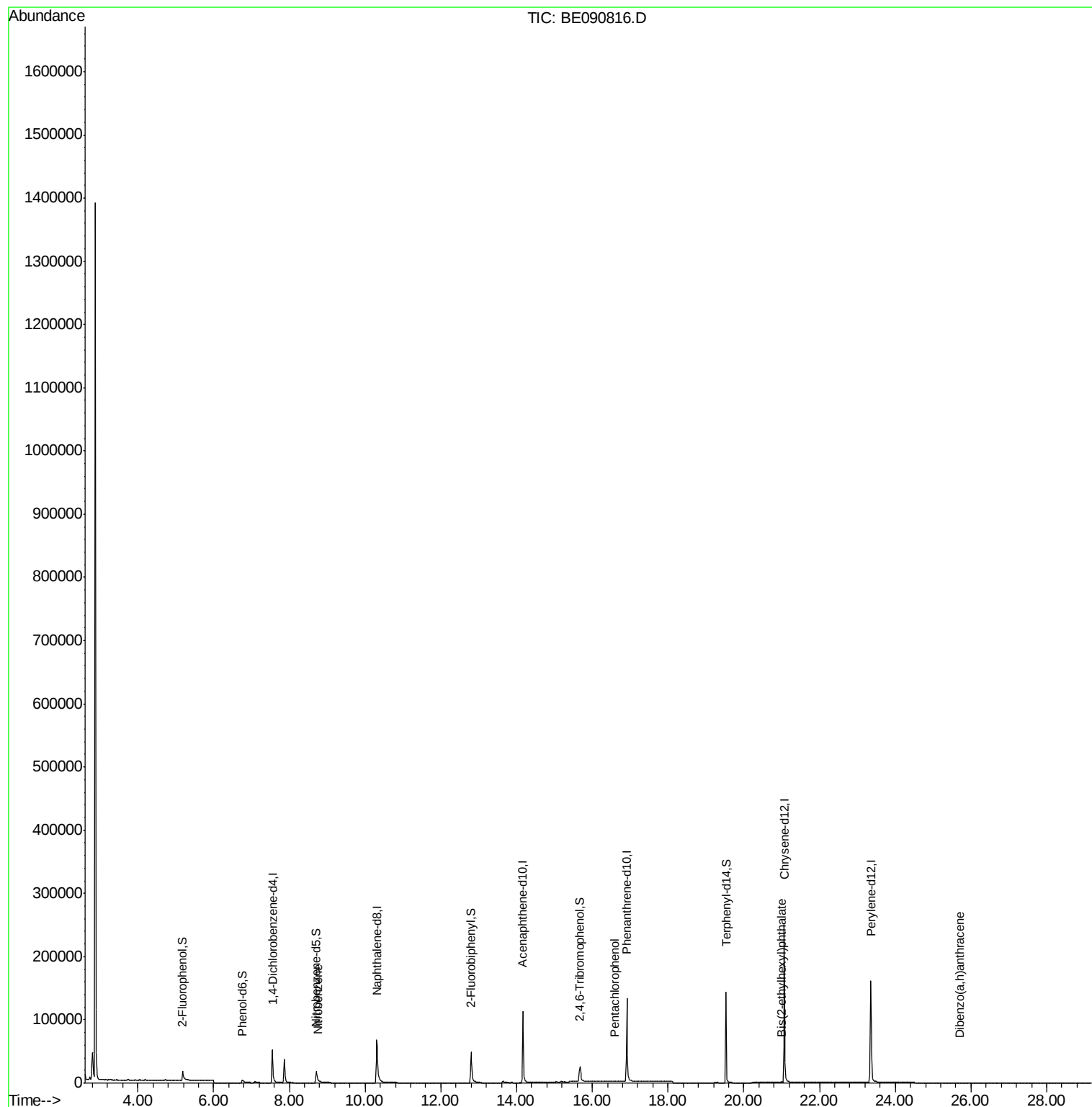
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	33940	5.00	ng	0.00
6) Naphthalene-d8	10.31	136	141960	5.00	ng	0.00
12) Acenaphthene-d10	14.17	164	72925	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	185411	5.00	ng	0.00
25) Chrysene-d12	21.07	240	248311	5.00	ng	0.00
32) Perylene-d12	23.35	264	235113	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	17070	2.59	ng	0.00
5) Phenol-d6	6.76	99	12611	1.33	ng	0.00
7) Nitrobenzene-d5	8.71	82	33901	3.61	ng	0.00
13) 2,4,6-Tribromophenol	15.67	330	15031	7.04	ng	0.00
14) 2-Fluorobiphenyl	12.80	172	80151	3.97	ng	0.00
27) Terphenyl-d14	19.53	244	153320	5.58	ng	-0.01
Target Compounds						
3) n-Nitrosodimethylamine	3.45	42	61	Below Cal	#	31
8) Nitrobenzene	8.76	77	25	0.11 ng	#	39
20) Hexachlorobenzene	16.20	284	31	Below Cal	#	1
21) Pentachlorophenol	16.60	266	16	0.47 ng	#	54
29) Chrysene	21.07	228	868	Below Cal	#	74
30) Bis(2-ethylhexyl)phthalate	21.00	149	1651	0.18 ng		99
36) Dibenzo(a,h)anthracene	25.70	278	5	0.14 ng	#	1

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

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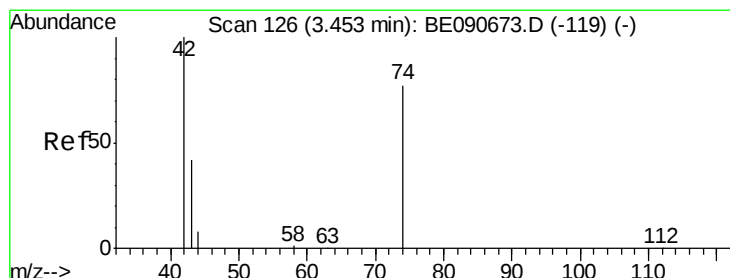
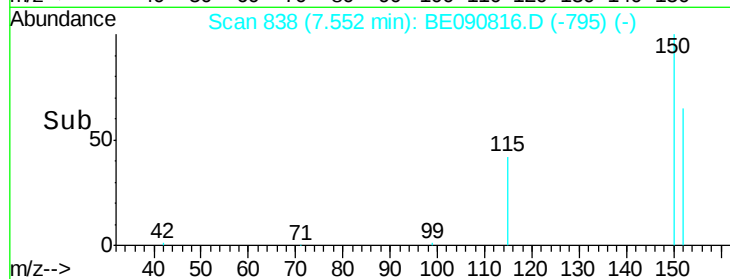
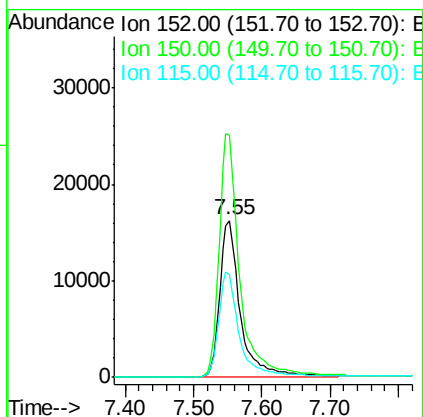
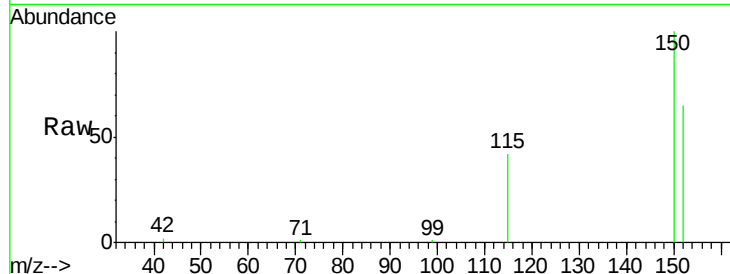


#1

1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.55 min Scan# 838
 Delta R.T. -0.00 min
 Lab File: BE090816.D
 Acq: 15 Sep 2015 1:44

Instrument :
 BNA_E
 ClientSampleId :
 091215-D534-E-U-S

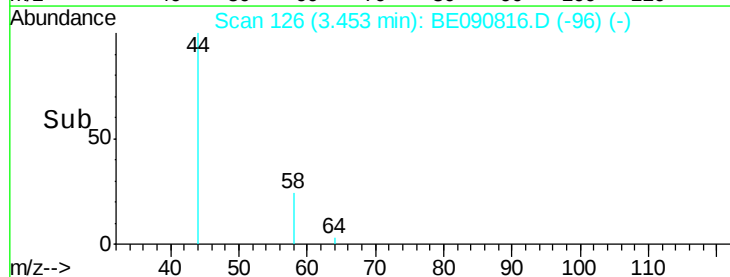
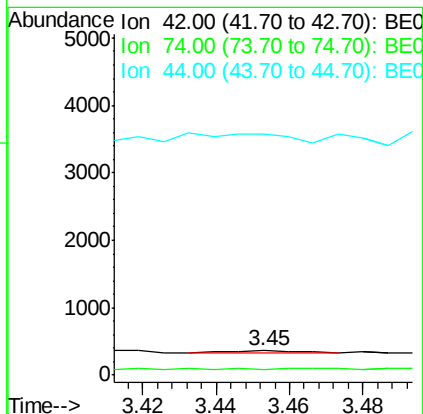
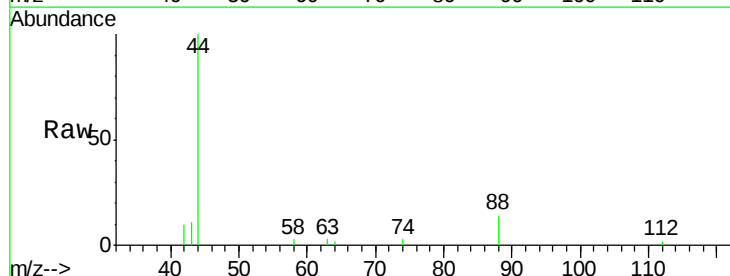
Tot Ion:152 Resp: 33940
 Ion Ratio Lower Upper
 152 100
 150 154.5 122.2 183.4
 115 65.6 51.0 76.4

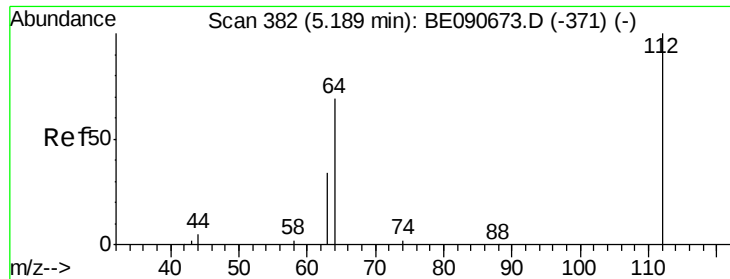


#3

n-Nitrosodimethylamine
 Concen: Below Cal
 RT: 3.45 min Scan# 126
 Delta R.T. 0.00 min
 Lab File: BE090816.D
 Acq: 15 Sep 2015 1:44

Tgt Ion: 42 Resp: 61
 Ion Ratio Lower Upper
 42 100
 74 29.5 83.7 125.5#
 44 0.0 10.0 15.0#





#4

2-Fluorophenol

Concen: 2.59 ng

RT: 5.18 min Scan# 381

Delta R.T. -0.01 min

Lab File: BE090816.D

Acq: 15 Sep 2015 1:44

Instrument :

BNA_E

ClientSampleId :

091215-D534-E-U-S

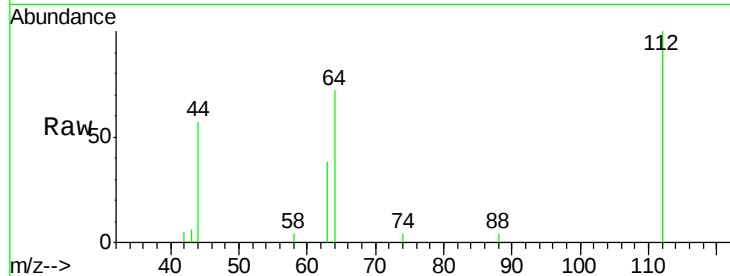
Tot Ion:112 Resp: 17070

Ion Ratio Lower Upper

112 100

64 72.1 57.3 85.9

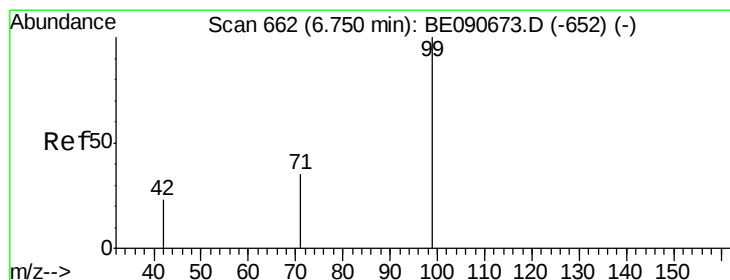
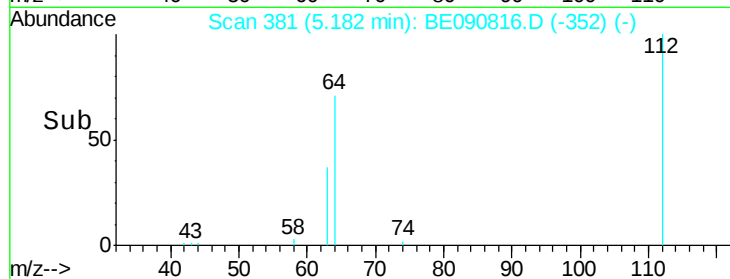
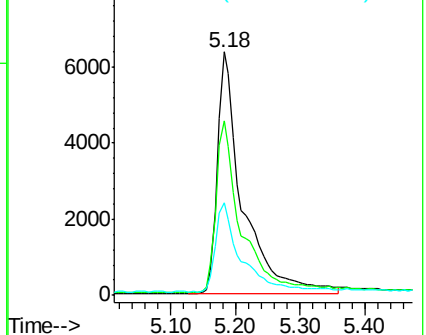
63 37.9 29.2 43.8



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 1.33 ng

RT: 6.76 min Scan# 663

Delta R.T. 0.00 min

Lab File: BE090816.D

Acq: 15 Sep 2015 1:44

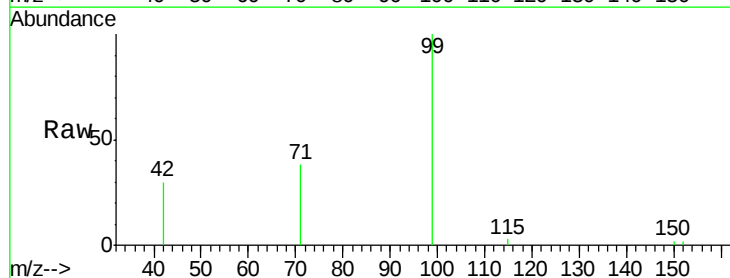
Tgt Ion: 99 Resp: 12611

Ion Ratio Lower Upper

99 100

42 20.8 16.8 25.2

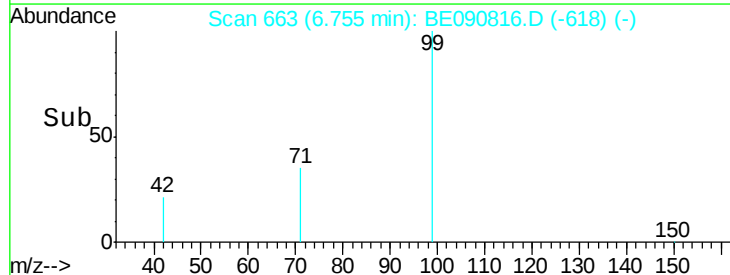
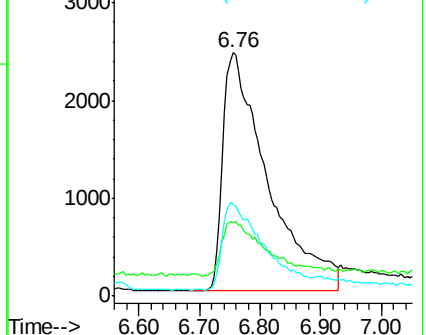
71 34.3 28.3 42.5

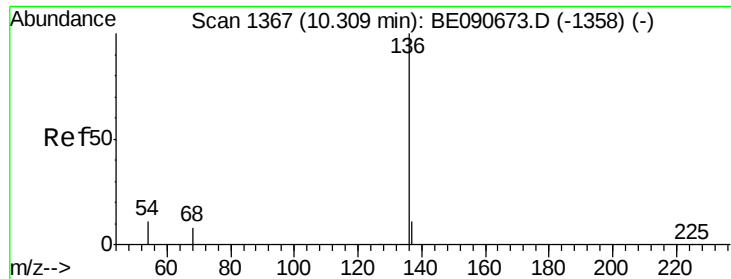


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE090816.D

Acq: 15 Sep 2015 1:44

Instrument :

BNA_E

ClientSampleId :

091215-D534-E-U-S

Tot Ion:136 Resp: 141960

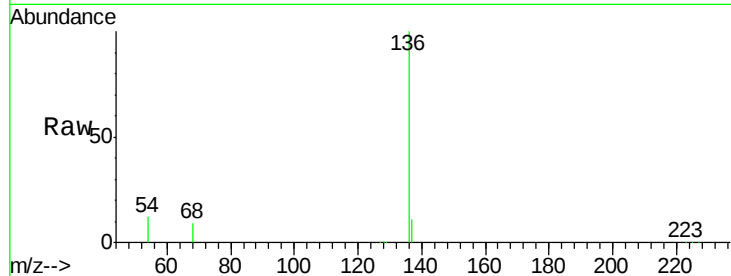
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 11.7 9.0 13.6

68 8.5 6.3 9.5

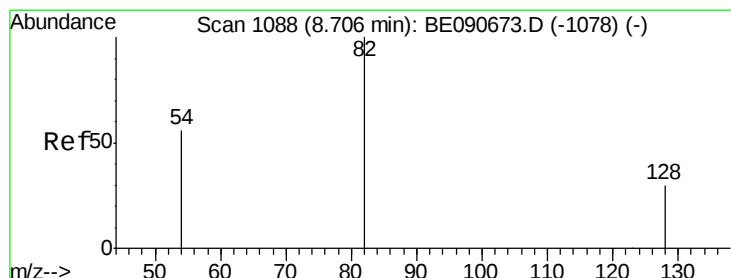
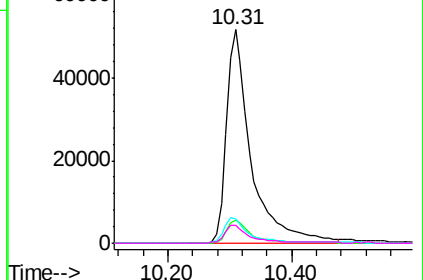
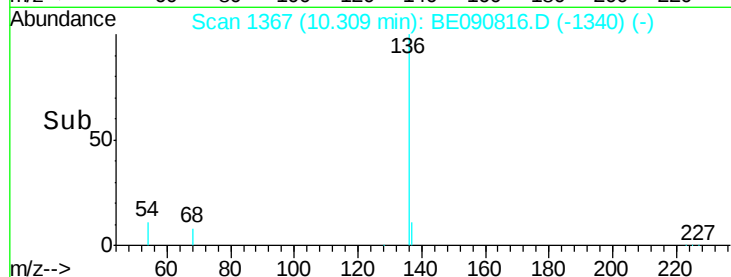


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.61 ng

RT: 8.71 min Scan# 1089

Delta R.T. 0.00 min

Lab File: BE090816.D

Acq: 15 Sep 2015 1:44

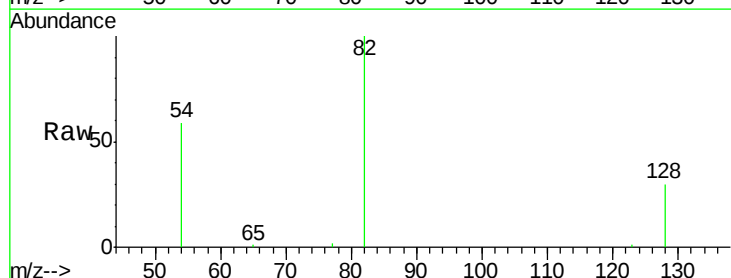
Tgt Ion: 82 Resp: 33901

Ion Ratio Lower Upper

82 100

128 30.1 25.0 37.4

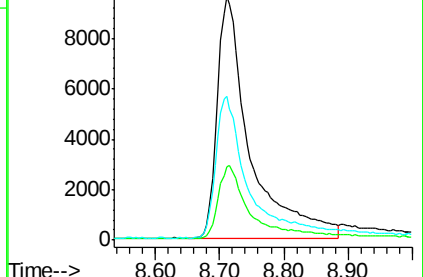
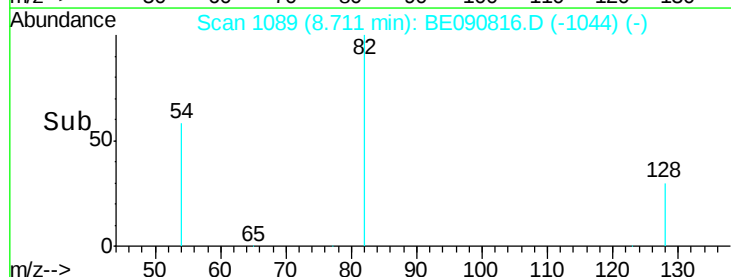
54 58.9 46.3 69.5

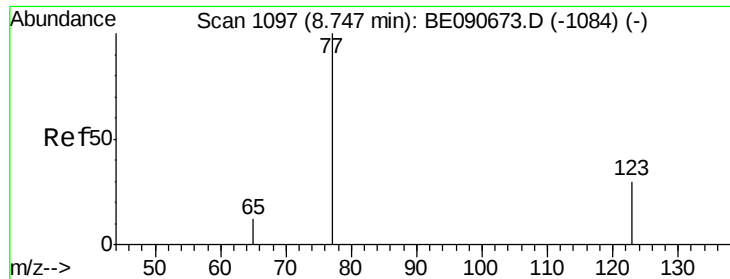


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#8

Nitrobenzene

Concen: 0.11 ng

RT: 8.76 min Scan# 1099

Delta R.T. 0.01 min

Lab File: BE090816.D

Acq: 15 Sep 2015 1:44

Instrument :

BNA_E

ClientSampleId :

091215-D534-E-U-S

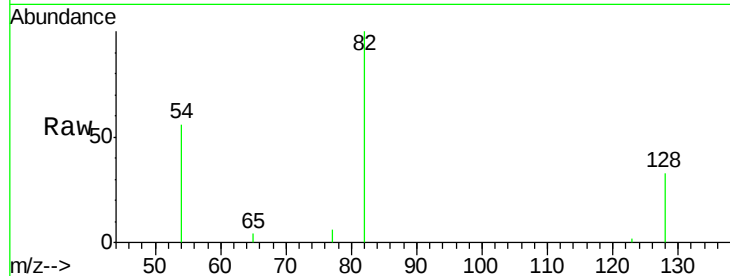
Tot Ion: 77 Resp: 25

Ion Ratio Lower Upper

77 100

123 0.0 25.1 37.7#

65 40.0 9.9 14.9#

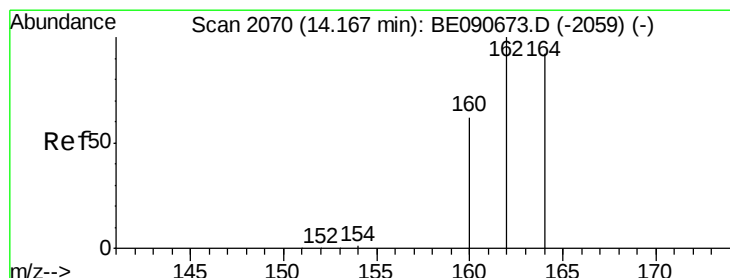
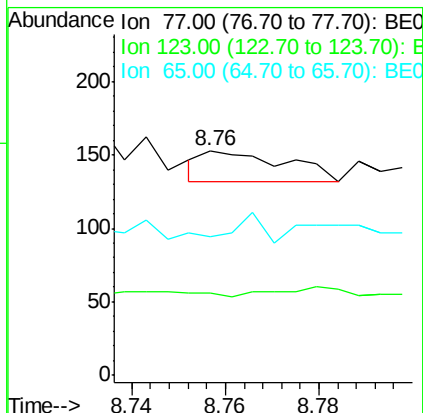
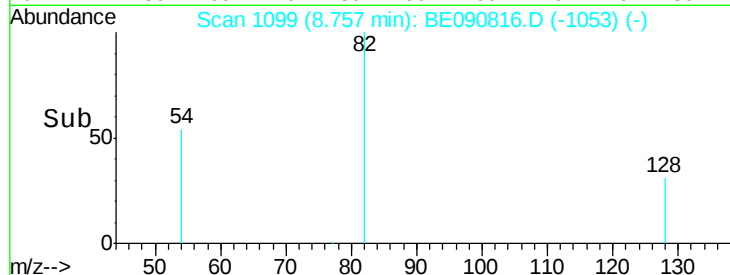


Abundance Ion 77.00 (76.70 to 77.70): BE090673.D (-1084) (-)

Ion 123.00 (122.70 to 123.70): BE090673.D (-1084) (-)

Ion 65.00 (64.70 to 65.70): BE090673.D (-1084) (-)

Time--> 8.74 8.76 8.78



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.17 min Scan# 2070

Delta R.T. 0.00 min

Lab File: BE090816.D

Acq: 15 Sep 2015 1:44

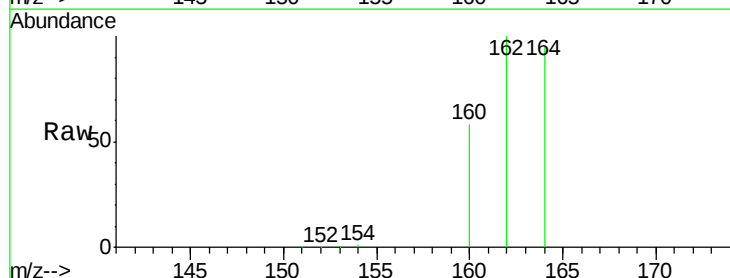
Tgt Ion: 164 Resp: 72925

Ion Ratio Lower Upper

164 100

162 105.3 86.8 130.2

160 60.6 53.9 80.9

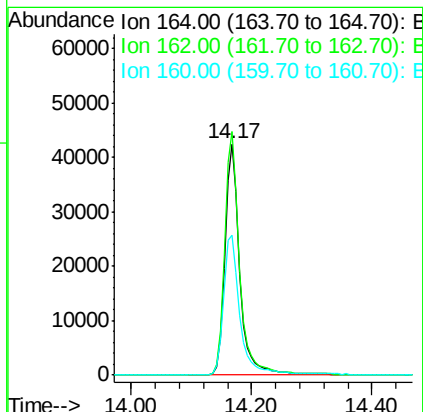
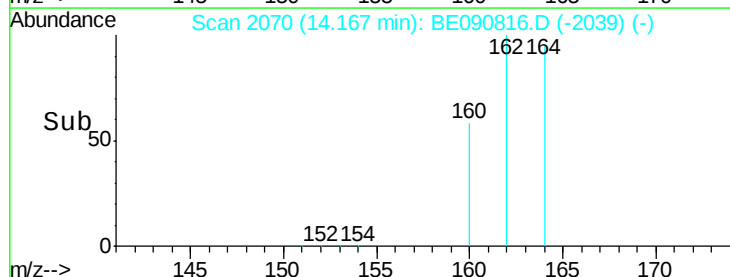


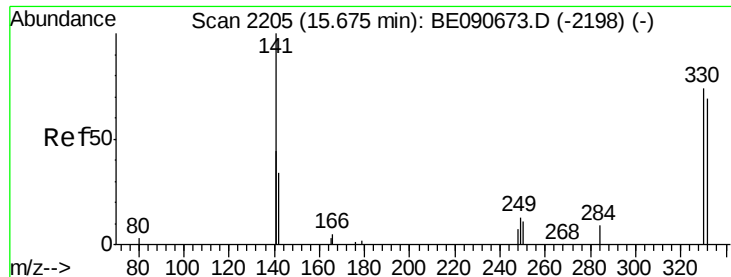
Abundance Ion 164.00 (163.70 to 164.70): BE090673.D (-2059) (-)

Ion 162.00 (161.70 to 162.70): BE090673.D (-2059) (-)

Ion 160.00 (159.70 to 160.70): BE090673.D (-2059) (-)

Time--> 14.00 14.20 14.40

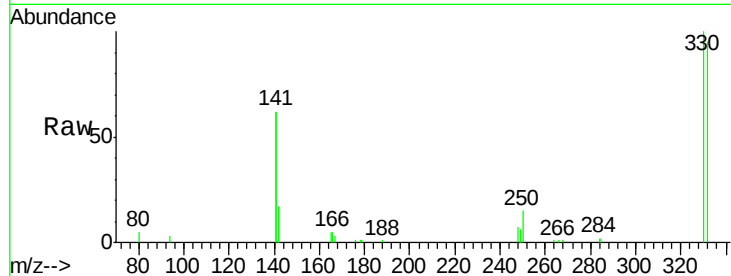




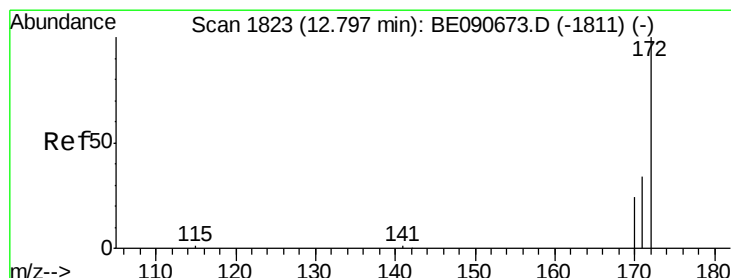
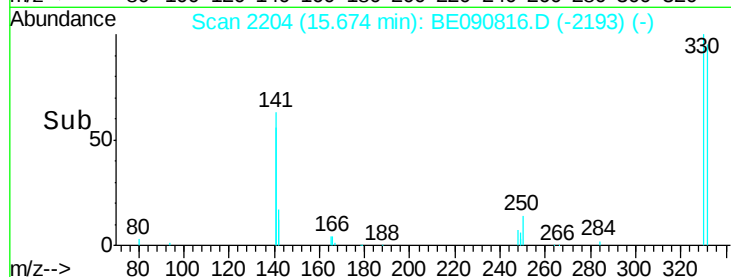
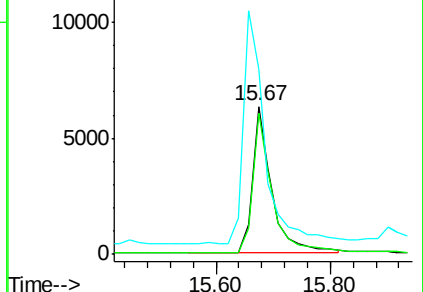
#13
 2,4,6-Tribromophenol
 Concen: 7.04 ng
 RT: 15.67 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: BE090816.D
 Acq: 15 Sep 2015 1:44

Instrument :
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 091215-D534-E-U-S

Tot Ion:330 Resp: 15031
 Ion Ratio Lower Upper
 330 100
 332 96.0 74.9 112.3
 141 175.5 145.2 217.8

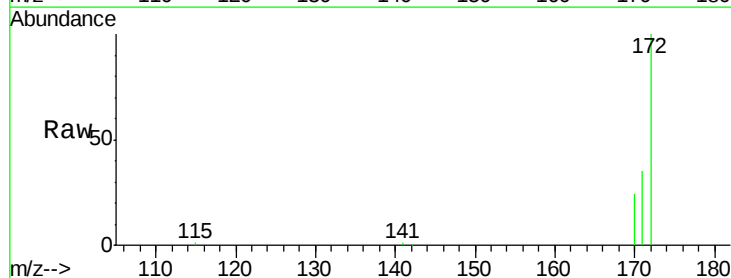


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

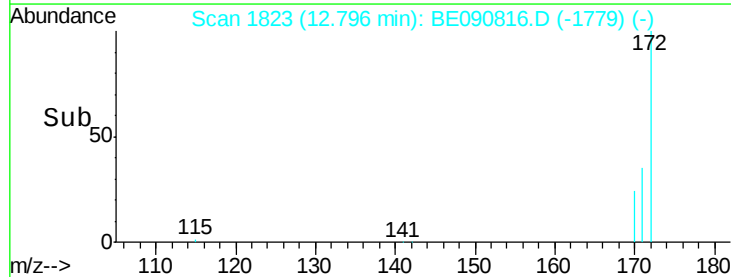
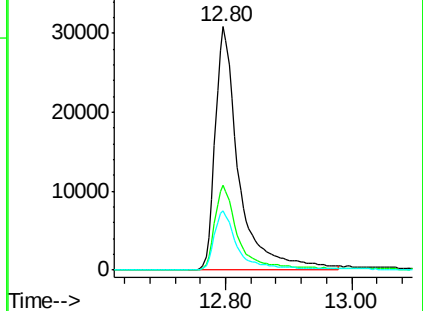


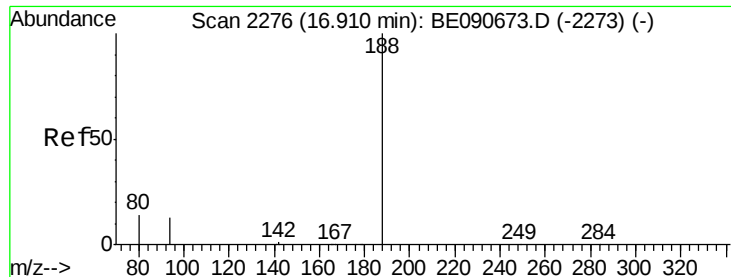
#14
 2-Fluorobiphenyl
 Concen: 3.97 ng
 RT: 12.80 min Scan# 1823
 Delta R.T. -0.00 min
 Lab File: BE090816.D
 Acq: 15 Sep 2015 1:44

Tgt Ion:172 Resp: 80151
 Ion Ratio Lower Upper
 172 100
 171 34.7 27.8 41.8
 170 24.4 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: BE090816.D

Acq: 15 Sep 2015 1:44

Instrument :

BNA_E

ClientSampleId :

091215-D534-E-U-S

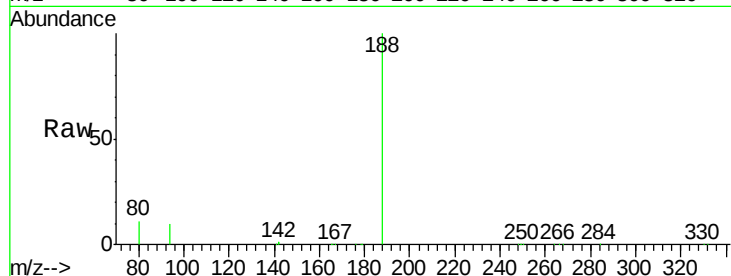
Tot Ion:188 Resp: 185411

Ion Ratio Lower Upper

188 100

94 10.4 10.3 15.5

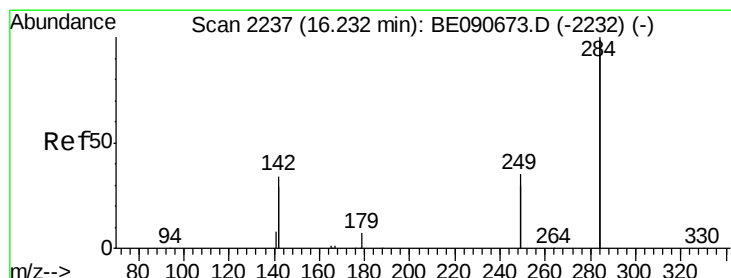
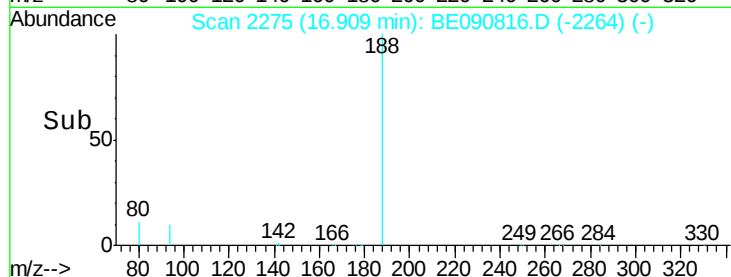
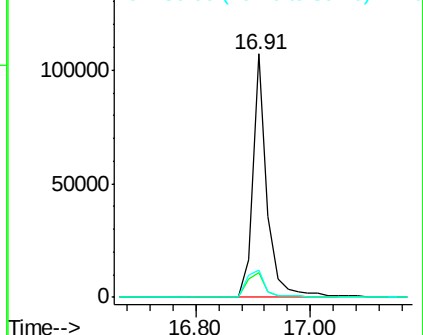
80 11.1 11.0 16.6



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



#20

Hexachlorobenzene

Concen: Below Cal

RT: 16.20 min Scan# 2234

Delta R.T. -0.04 min

Lab File: BE090816.D

Acq: 15 Sep 2015 1:44

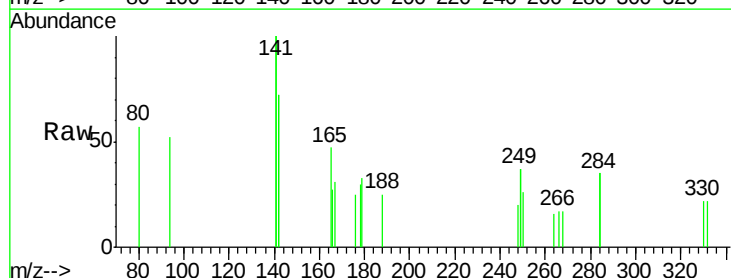
Tgt Ion:284 Resp: 31

Ion Ratio Lower Upper

284 100

142 432.3 35.0 52.4#

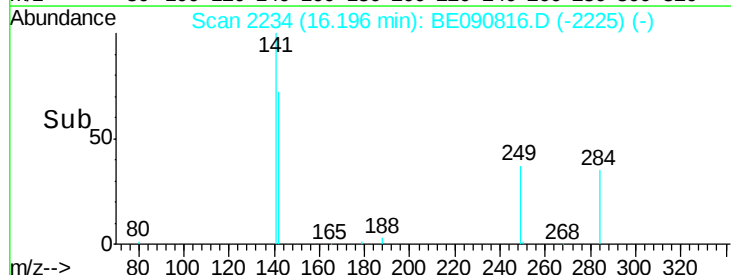
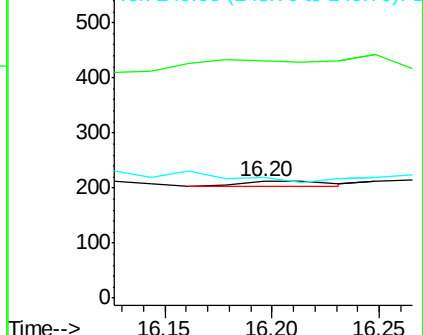
249 0.0 25.5 38.3#

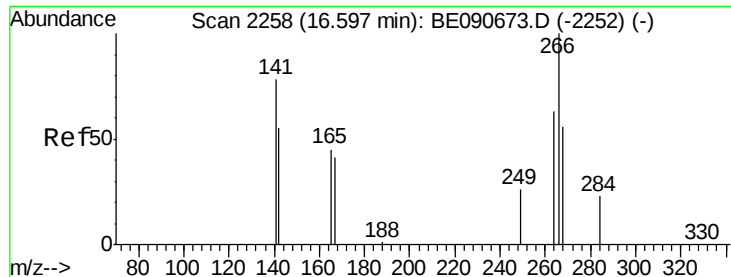


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#21

Pentachlorophenol

Concen: 0.47 ng

RT: 16.60 min Scan# 2257

Delta R.T. -0.00 min

Lab File: BE090816.D

Acq: 15 Sep 2015 1:44

Instrument :

BNA_E

ClientSampleId :

091215-D534-E-U-S

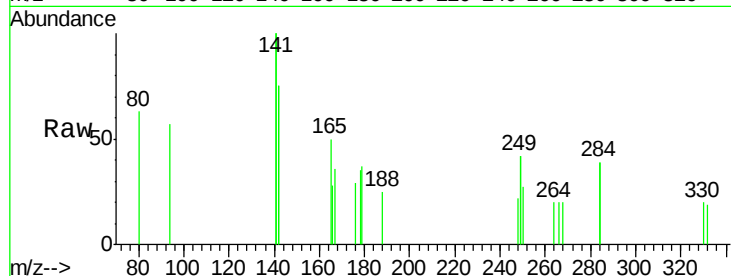
Tot Ion:266 Resp: 16

Ion Ratio Lower Upper

266 100

268 100.0 49.6 74.4#

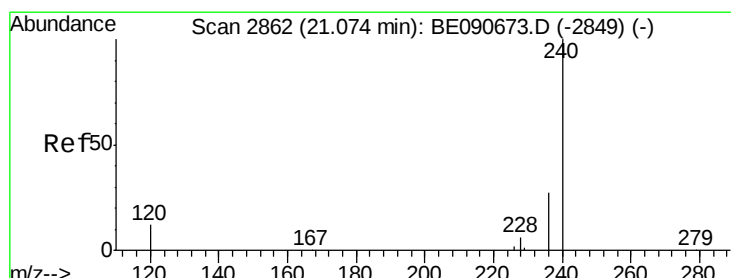
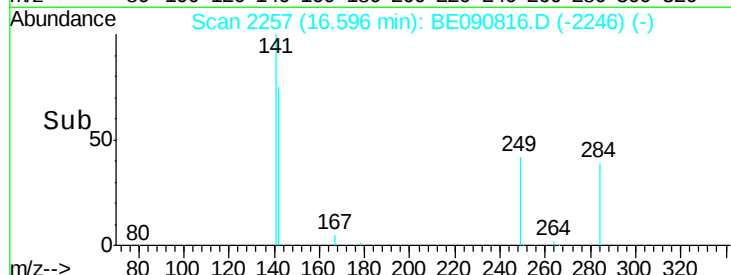
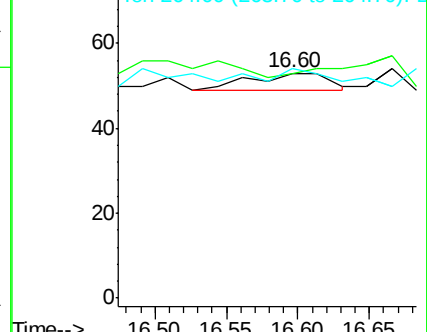
264 101.9 53.9 80.9#



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.07 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BE090816.D

Acq: 15 Sep 2015 1:44

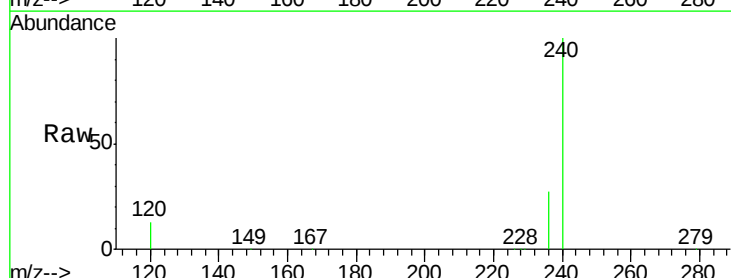
Tgt Ion:240 Resp: 248311

Ion Ratio Lower Upper

240 100

120 13.4 10.1 15.1

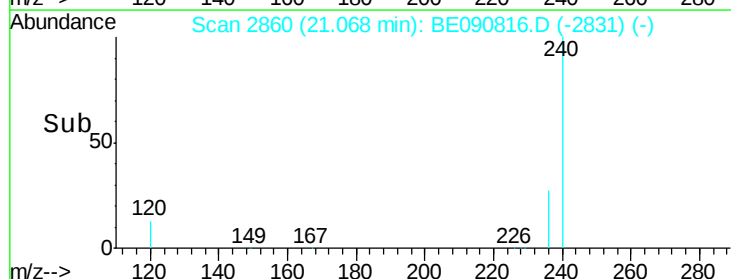
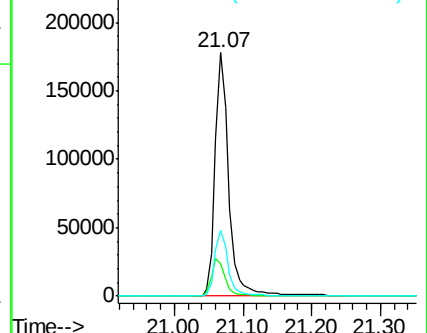
236 27.0 21.9 32.9

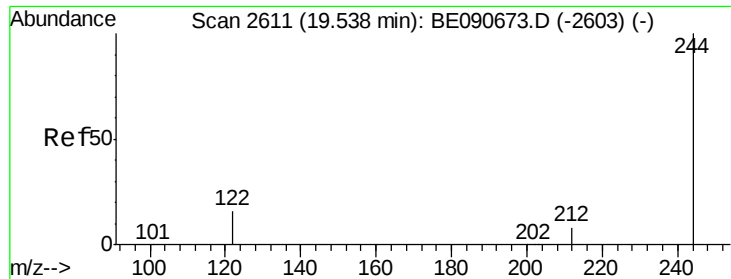


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

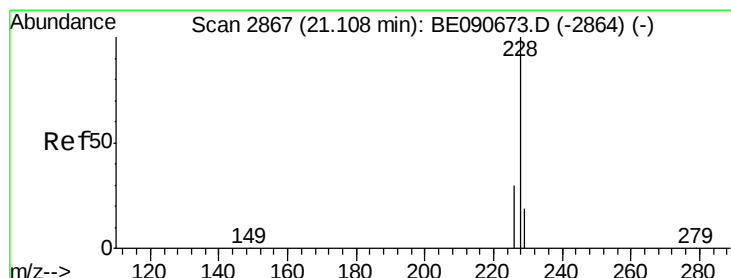
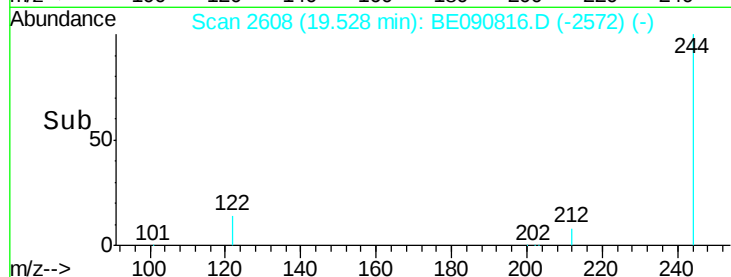
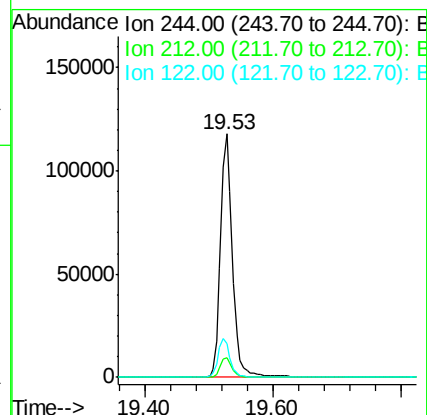
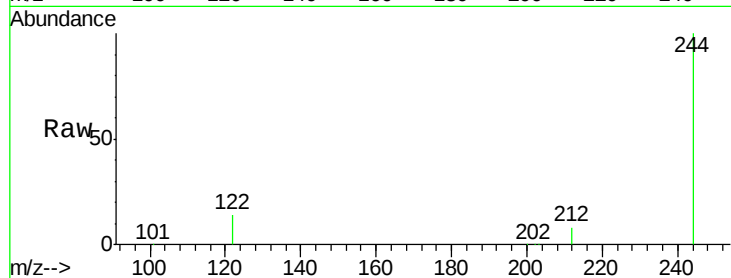




#27
 Terphenyl-d14
 Concen: 5.58 ng
 RT: 19.53 min Scan# 2608
 Delta R.T. -0.01 min
 Lab File: BE090816.D
 Acq: 15 Sep 2015 1:44

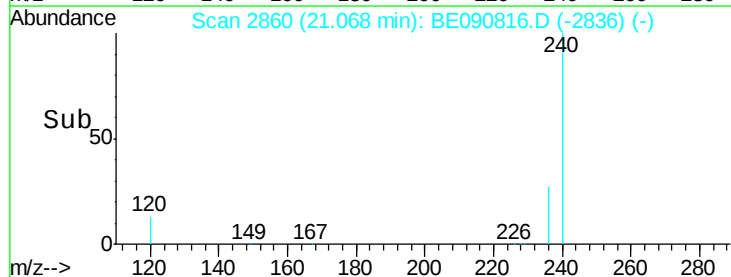
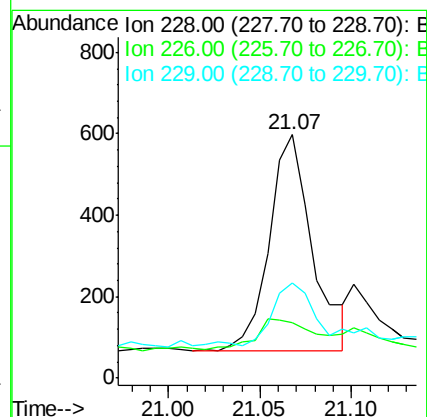
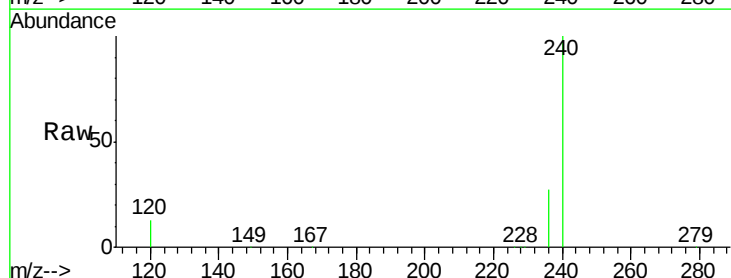
Instrument :
 BNA_E
 ClientSampleId :
 091215-D534-E-U-S

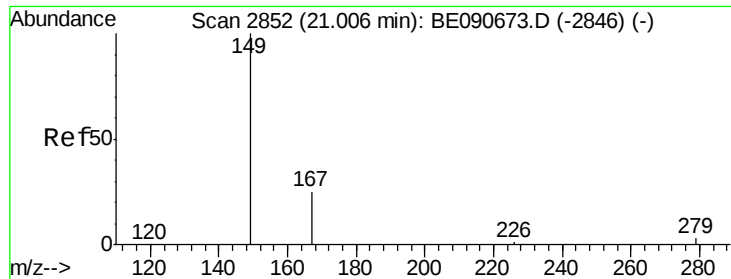
Tot Ion:244 Resp: 153320
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.9 10.3
 122 13.8 12.9 19.3



#29
 Chrysene
 Concen: Below Cal
 RT: 21.07 min Scan# 2860
 Delta R.T. -0.04 min
 Lab File: BE090816.D
 Acq: 15 Sep 2015 1:44

Tgt Ion:228 Resp: 868
 Ion Ratio Lower Upper
 228 100
 226 22.6 24.2 36.4#
 229 39.0 15.3 22.9#





#30

Bis(2-ethylhexyl)phthalate

Concen: 0.18 ng

RT: 21.00 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BE090816.D

Acq: 15 Sep 2015 1:44

Instrument :

BNA_E

ClientSampleId :

091215-D534-E-U-S

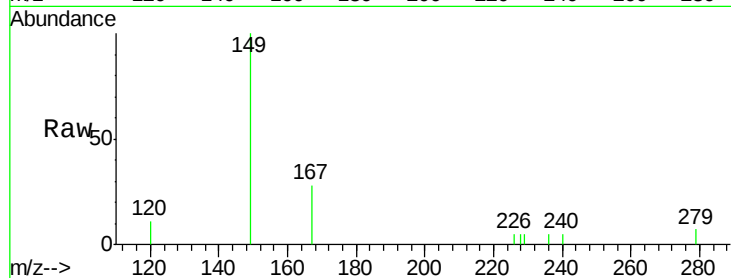
Tot Ion:149 Resp: 1651

Ion Ratio Lower Upper

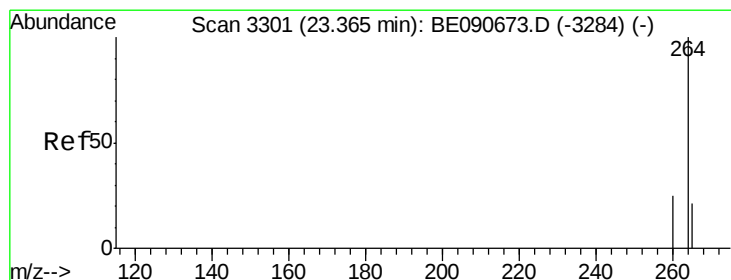
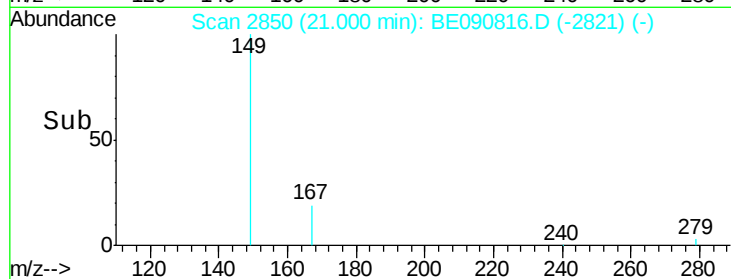
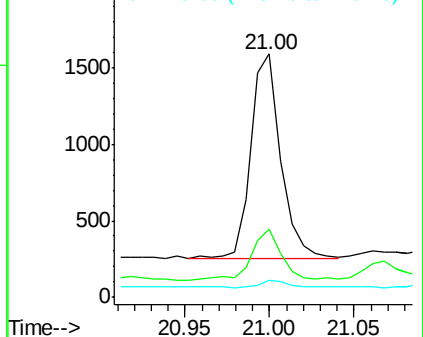
149 100

167 25.5 20.1 30.1

279 3.2 2.3 3.5



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#32

Perylene-d12

Concen: 5.00 ng

RT: 23.35 min Scan# 3297

Delta R.T. -0.01 min

Lab File: BE090816.D

Acq: 15 Sep 2015 1:44

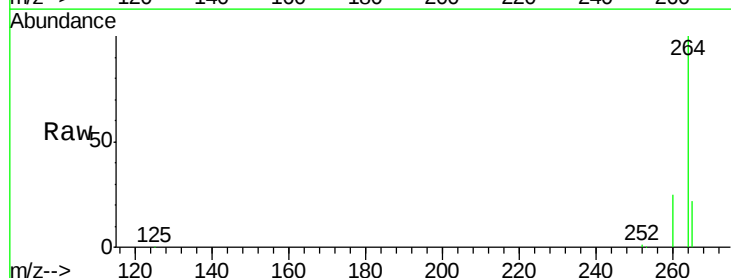
Tgt Ion:264 Resp: 235113

Ion Ratio Lower Upper

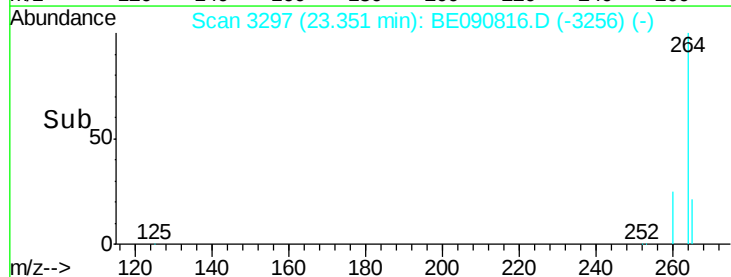
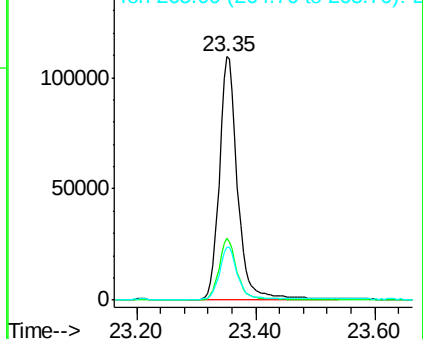
264 100

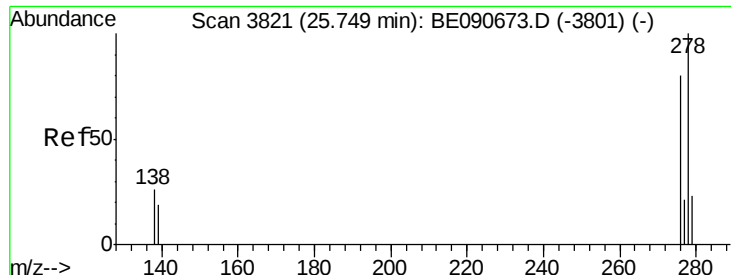
260 25.5 19.7 29.5

265 21.6 17.5 26.3



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





#36

Dibenzo(a,h)anthracene

Concen: 0.14 ng

RT: 25.70 min Scan# 3810

Delta R.T. -0.04 min

Lab File: BE090816.D

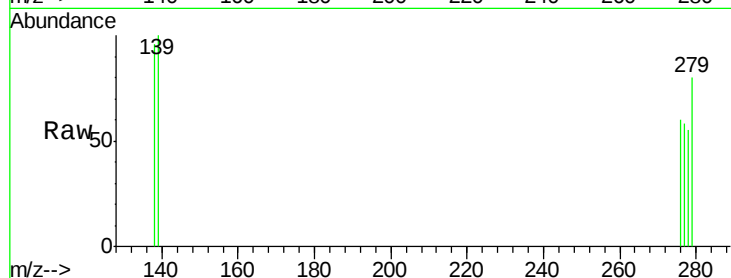
Acq: 15 Sep 2015 1:44

Instrument :

BNA_E

ClientSampleId :

091215-D534-E-U-S



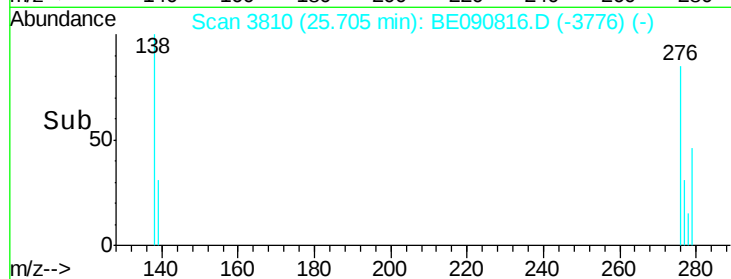
Tot Ion: 278 Resp: 5

Ion Ratio Lower Upper

278 100

139 180.6 15.4 23.0#

279 145.2 18.8 28.2#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

