

Data Path : Z:\HPCHEM1\BNA_E\Data\BE091715\
 Data File : BE090860.D
 Acq On : 17 Sep 2015 11:38
 Operator : UM/IZ
 Sample : G3677-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 091415-D534-F-U-S

Quant Time: Sep 17 12:14:28 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	36892	5.00	ng	0.00
6) Naphthalene-d8	10.30	136	168262	5.00	ng	0.00
12) Acenaphthene-d10	14.16	164	91080	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	225591	5.00	ng	0.00
25) Chrysene-d12	21.07	240	268123	5.00	ng	0.00
32) Perylene-d12	23.35	264	239324	5.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.18	112	28507	3.97	ng	0.00
5) Phenol-d6	6.75	99	22982	2.24	ng	0.00
7) Nitrobenzene-d5	8.71	82	43397	3.90	ng	0.00
13) 2,4,6-Tribromophenol	15.67	330	22979	8.58	ng	0.00
14) 2-Fluorobiphenyl	12.79	172	93704	3.72	ng	0.00
27) Terphenyl-d14	19.53	244	162965	5.49	ng	-0.01

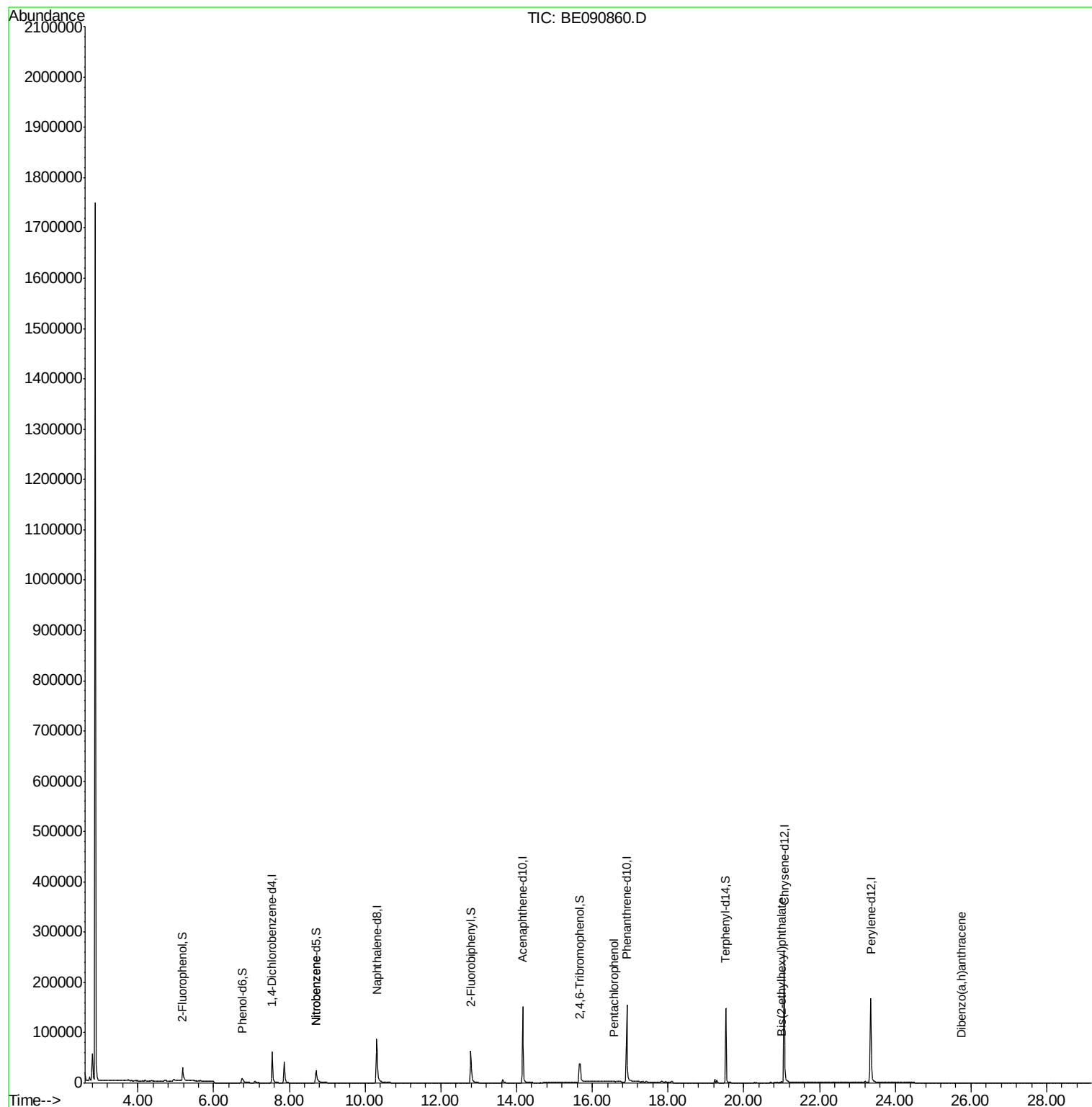
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.22	88	18	Below Cal	#	16
3) n-Nitrosodimethylamine	3.46	42	44	Below Cal	#	1
8) Nitrobenzene	8.71	77	125	0.12	ng	51
20) Hexachlorobenzene	16.23	284	73	Below Cal	#	39
21) Pentachlorophenol	16.58	266	39	0.47	ng	63
29) Chrysene	21.10	228	315	Below Cal	#	66
30) Bis(2-ethylhexyl)phthalate	20.99	149	3202	0.27	ng	100
36) Dibenzo(a,h)anthracene	25.75	278	67	0.14	ng	1

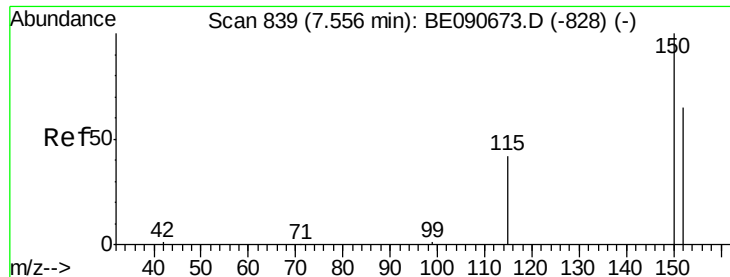
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.55 min Scan# 837

Delta R.T. -0.01 min

Lab File: BE090860.D

Acq: 17 Sep 2015 11:38

Instrument :

BNA_E

ClientSampleId :

091415-D534-F-U-S

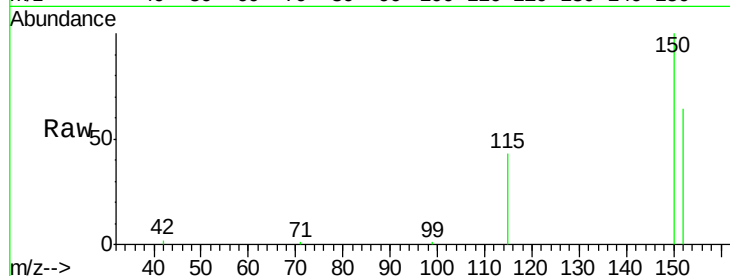
Tgt Ion:152 Resp: 36892

Ion Ratio Lower Upper

152 100

150 156.0 122.2 183.4

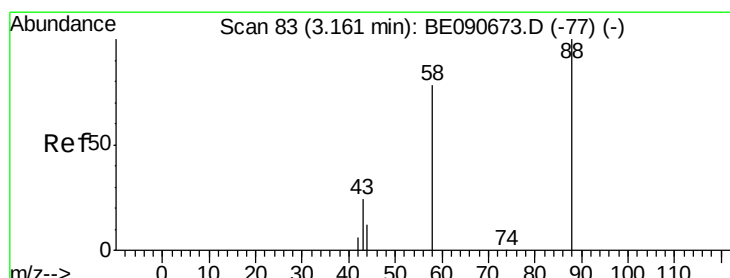
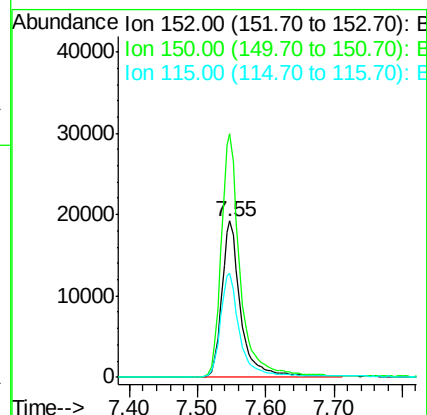
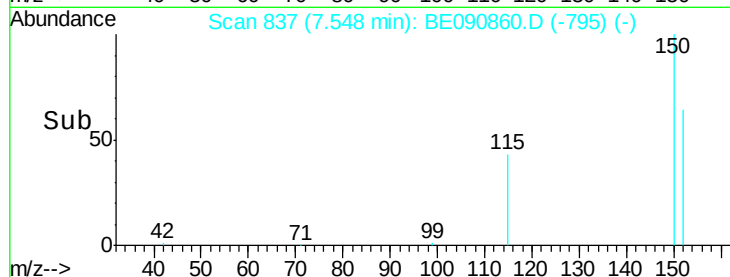
115 66.7 51.0 76.4



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



#2

1,4-Dioxane

Concen: Below Cal

RT: 3.22 min Scan# 92

Delta R.T. 0.06 min

Lab File: BE090860.D

Acq: 17 Sep 2015 11:38

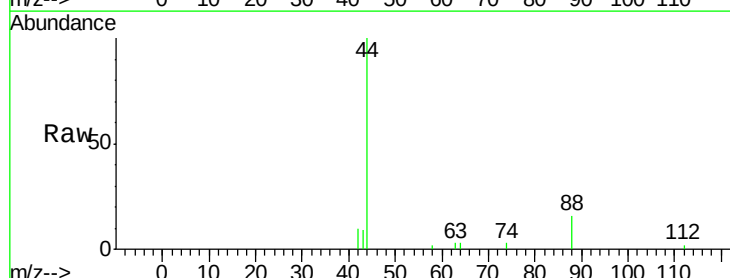
Tgt Ion: 88 Resp: 18

Ion Ratio Lower Upper

88 100

58 0.0 68.4 102.6#

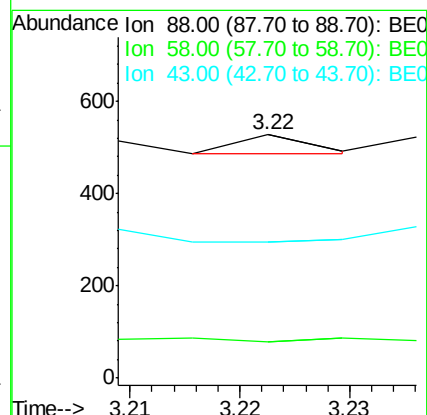
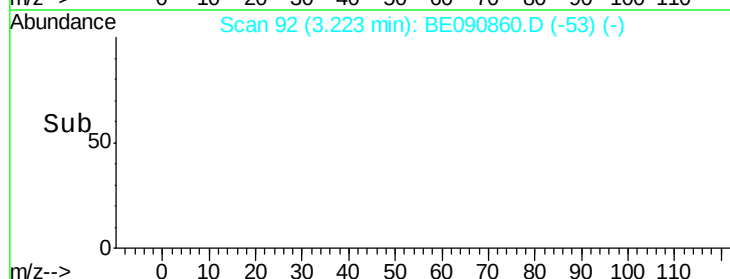
43 0.0 26.9 40.3#

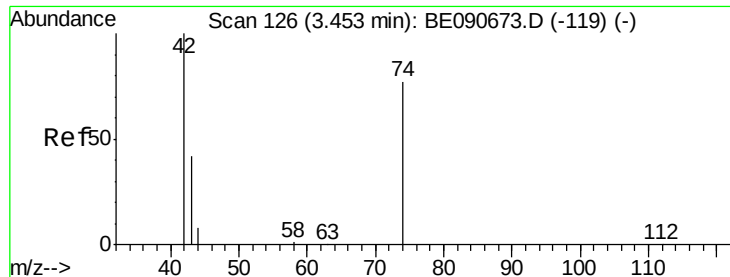


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



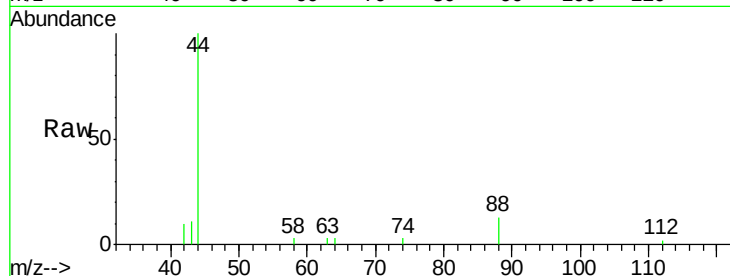


#3

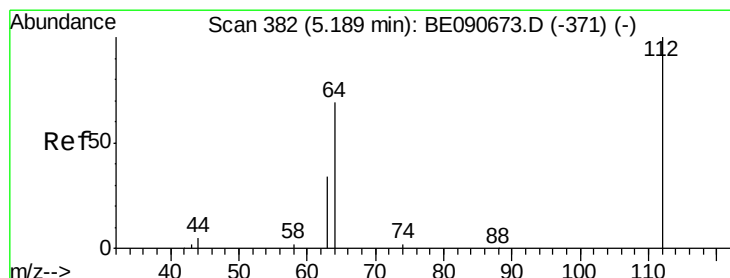
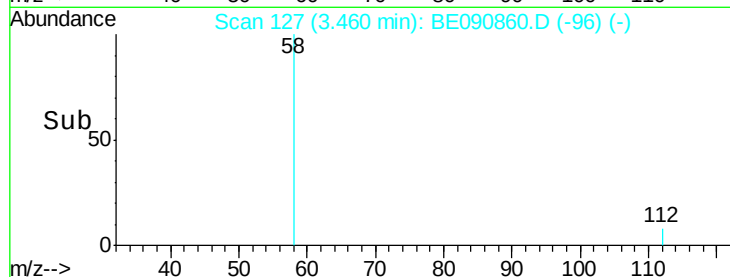
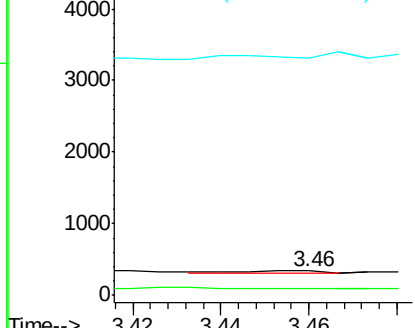
n-Nitrosodimethylamine
 Concen: Below Cal
 RT: 3.46 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: BE090860.D
 Acq: 17 Sep 2015 11:38

Instrument :
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 091415-D534-F-U-S

Tgt Ion: 42 Resp: 44
 Ion Ratio Lower Upper
 42 100
 74 0.0 83.7 125.5#
 44 302.3 10.0 15.0#



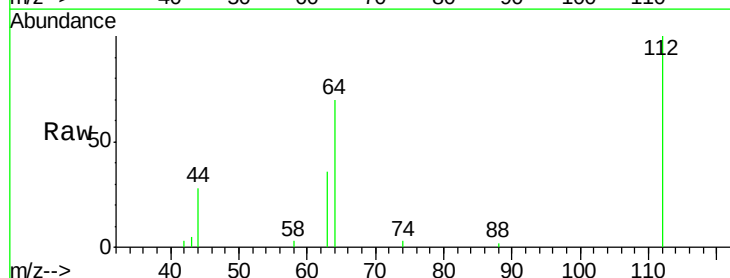
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



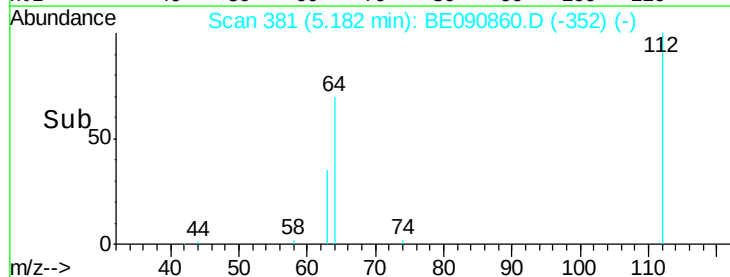
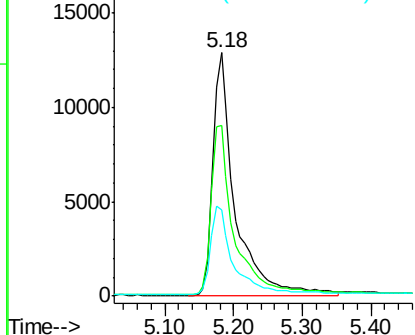
#4

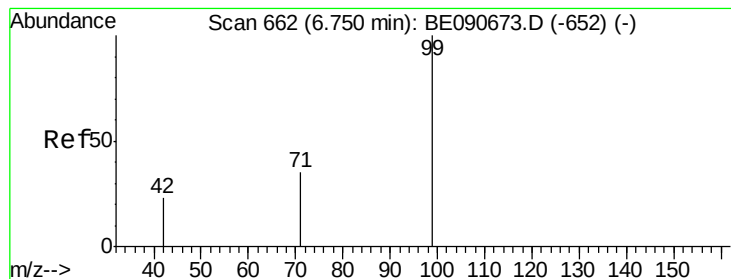
2-Fluorophenol
 Concen: 3.97 ng
 RT: 5.18 min Scan# 381
 Delta R.T. -0.01 min
 Lab File: BE090860.D
 Acq: 17 Sep 2015 11:38

Tgt Ion: 112 Resp: 28507
 Ion Ratio Lower Upper
 112 100
 64 72.9 57.3 85.9
 63 37.4 29.2 43.8



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: 2.24 ng

RT: 6.75 min Scan# 661

Delta R.T. -0.00 min

Lab File: BE090860.D

Acq: 17 Sep 2015 11:38

Instrument :

BNA_E

ClientSampleId :

091415-D534-F-U-S

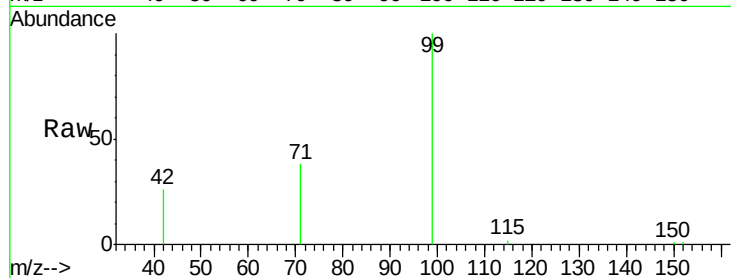
Tgt Ion: 99 Resp: 22982

Ion Ratio Lower Upper

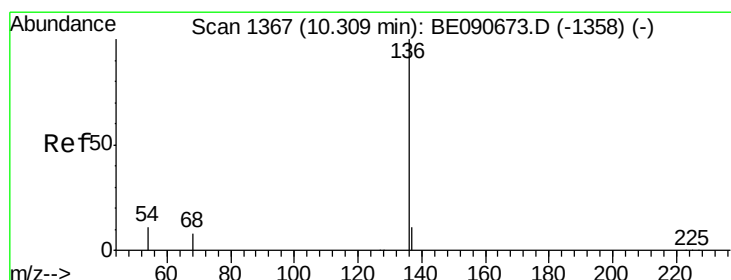
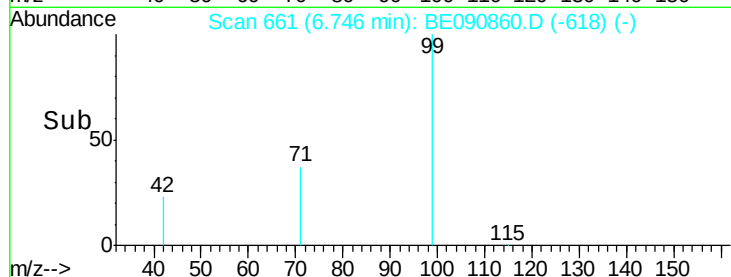
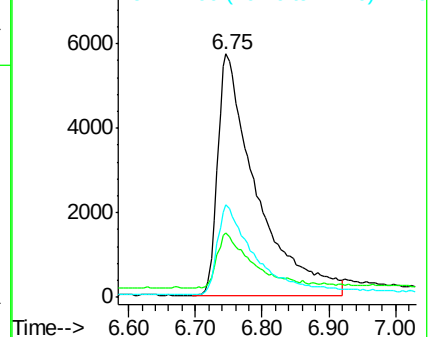
99 100

42 21.8 16.8 25.2

71 36.0 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: 10.30 min Scan# 1366

Delta R.T. -0.01 min

Lab File: BE090860.D

Acq: 17 Sep 2015 11:38

Tgt Ion: 136 Resp: 168262

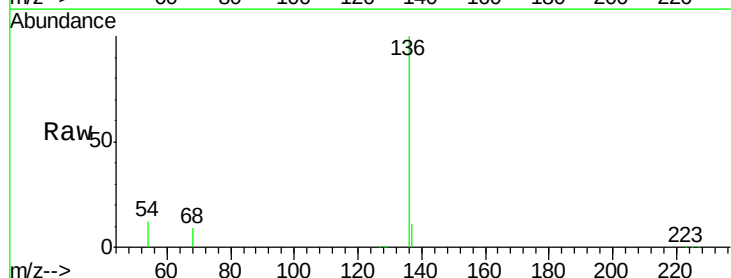
Ion Ratio Lower Upper

136 100

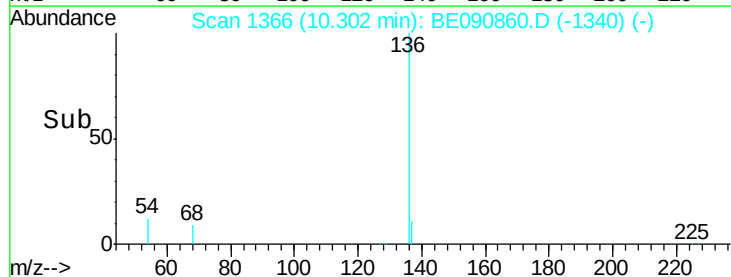
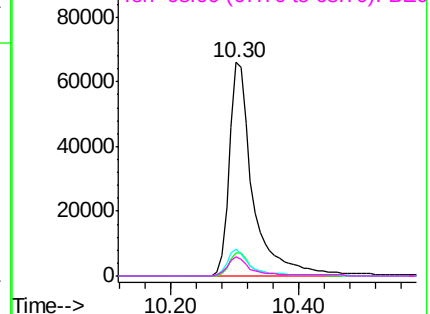
137 10.9 8.7 13.1

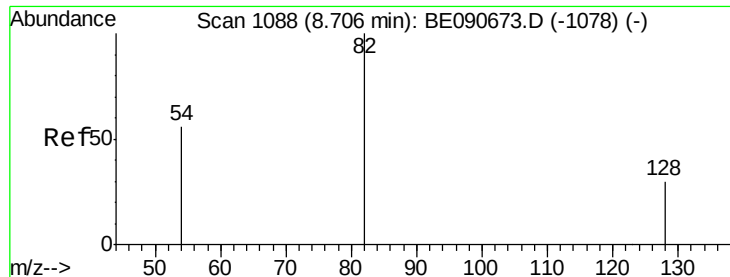
54 12.3 9.0 13.6

68 9.1 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: 3.90 ng

RT: 8.71 min Scan# 1088

Delta R.T. 0.00 min

Lab File: BE090860.D

Acq: 17 Sep 2015 11:38

Instrument :

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ClientSampleId :

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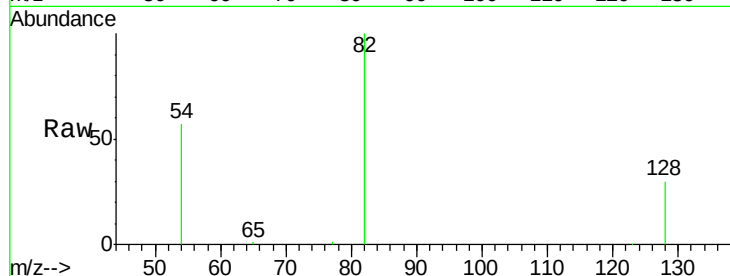
Tgt Ion: 82 Resp: 43397

Ion Ratio Lower Upper

82 100

128 30.3 25.0 37.4

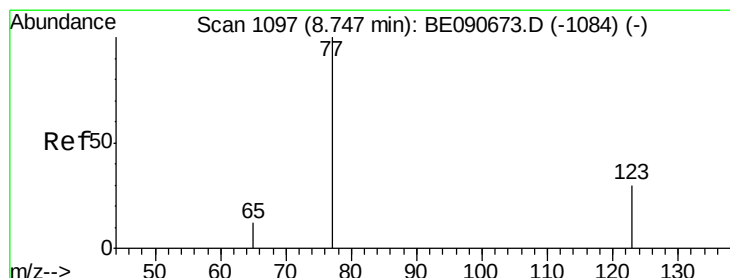
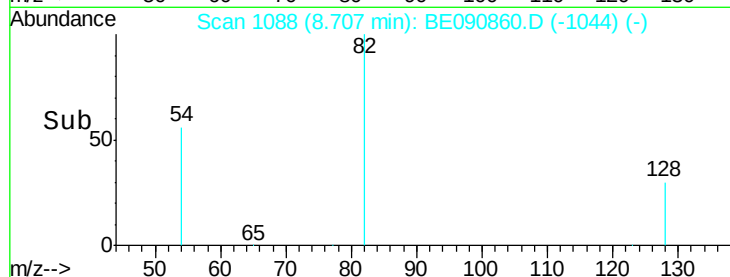
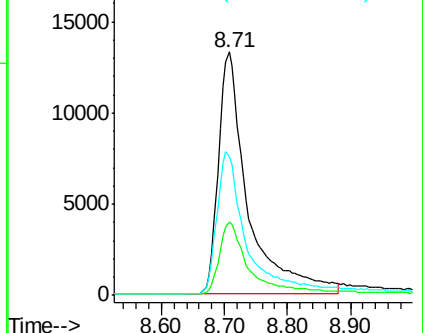
54 56.8 46.3 69.5



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



#8

Nitrobenzene

Concen: 0.12 ng

RT: 8.71 min Scan# 1089

Delta R.T. -0.04 min

Lab File: BE090860.D

Acq: 17 Sep 2015 11:38

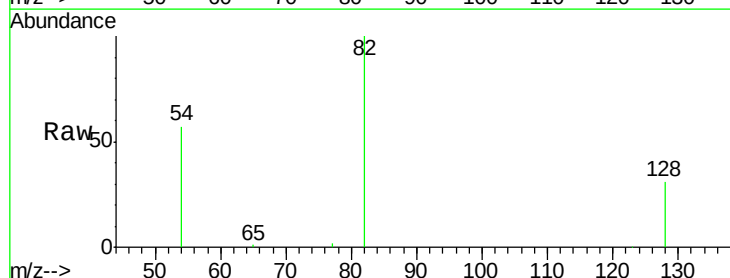
Tgt Ion: 77 Resp: 125

Ion Ratio Lower Upper

77 100

123 4.8 25.1 37.7#

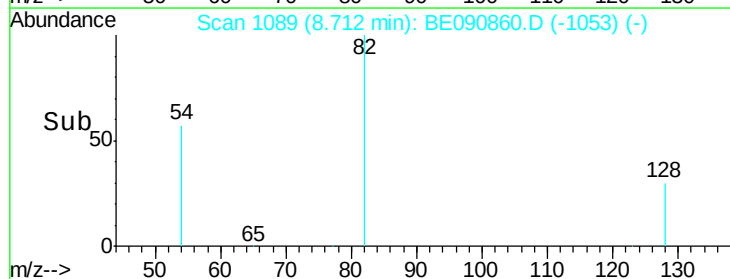
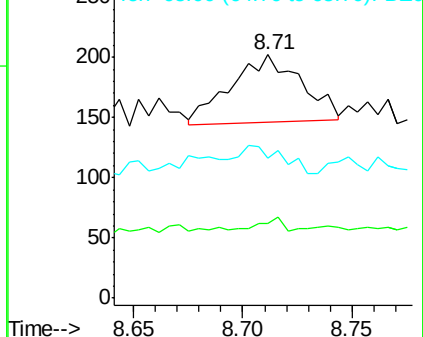
65 32.0 9.9 14.9#

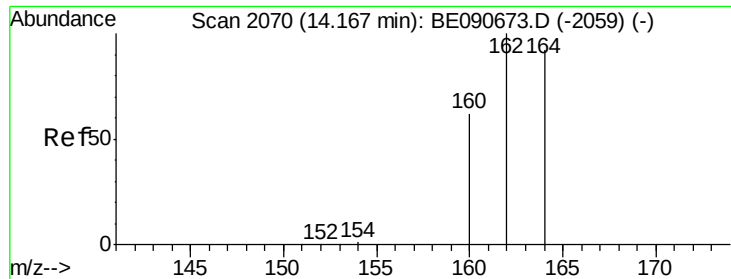


Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.16 min Scan# 2070

Delta R.T. -0.01 min

Lab File: BE090860.D

Acq: 17 Sep 2015 11:38

Instrument :

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ClientSampleId :

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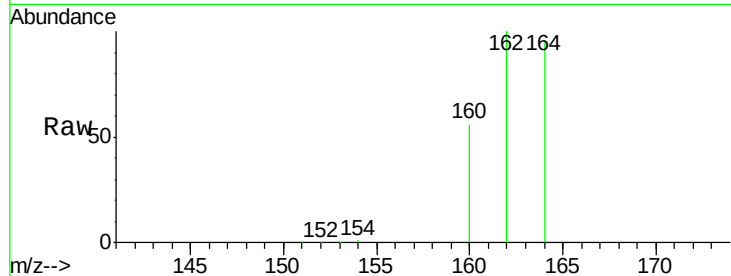
Tgt Ion:164 Resp: 91080

Ion Ratio Lower Upper

164 100

162 105.5 86.8 130.2

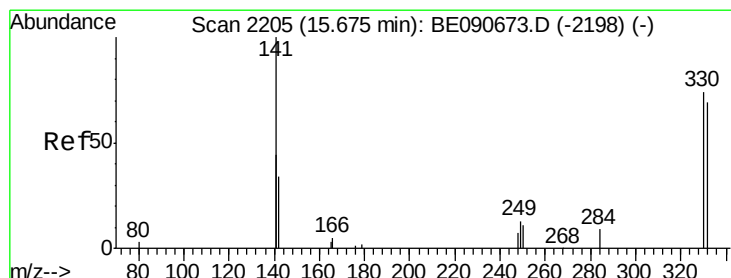
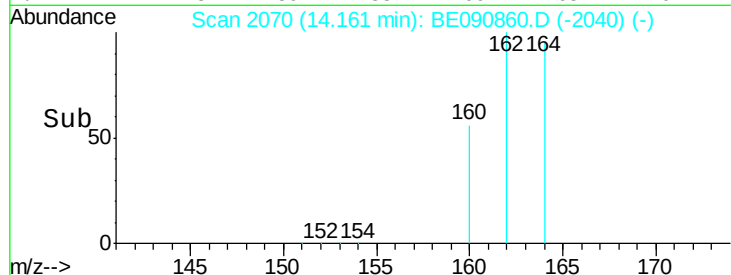
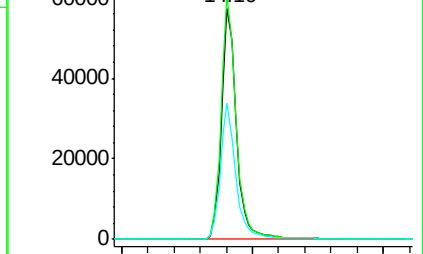
160 58.9 53.9 80.9



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: 8.58 ng

RT: 15.67 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BE090860.D

Acq: 17 Sep 2015 11:38

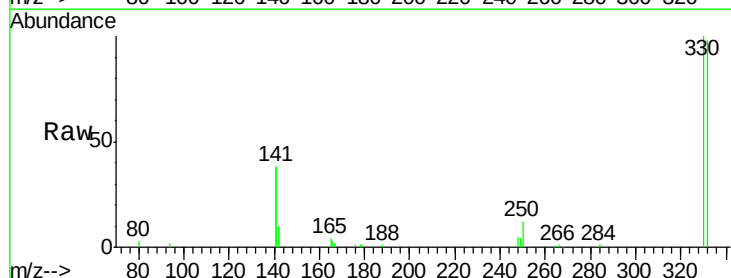
Tgt Ion:330 Resp: 22979

Ion Ratio Lower Upper

330 100

332 97.2 74.9 112.3

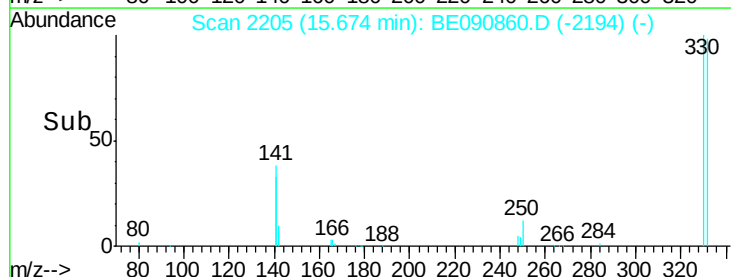
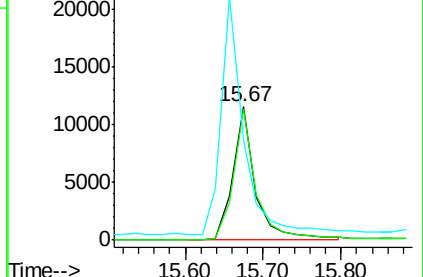
141 180.2 145.2 217.8

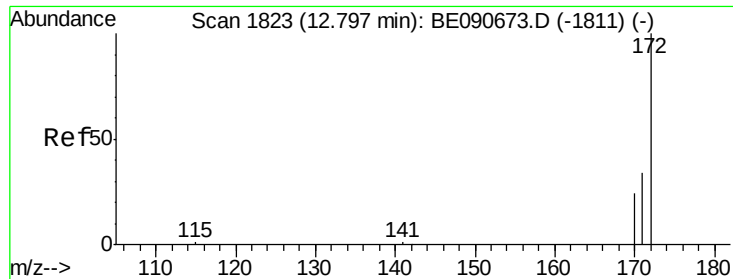


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

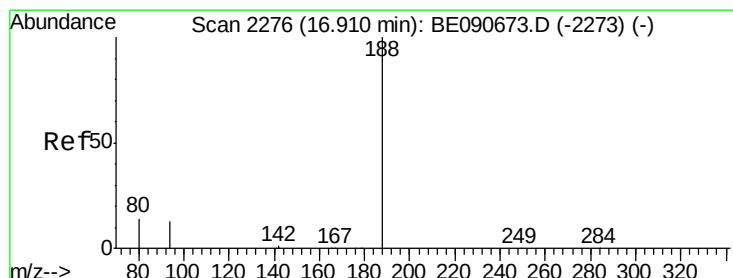
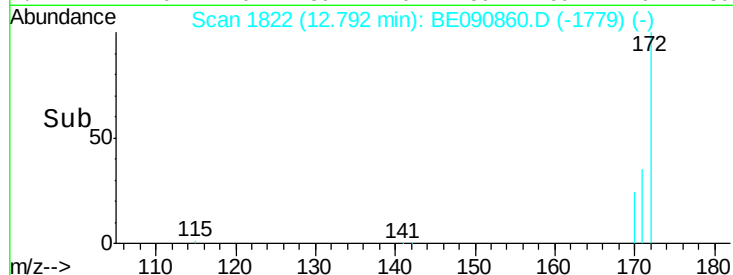
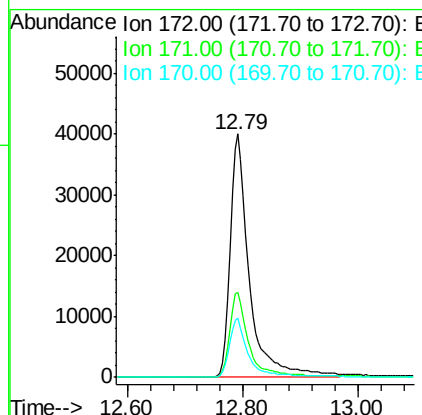
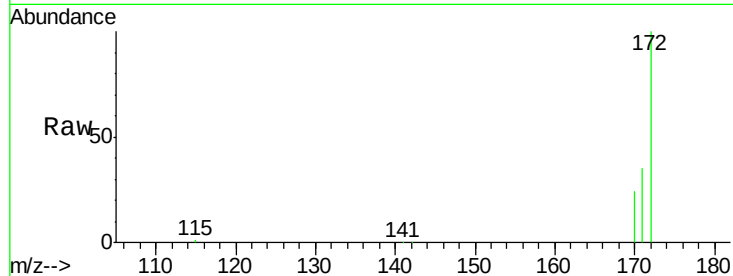




#14
2-Fluorobiphenyl
Concen: 3.72 ng
RT: 12.79 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BE090860.D
Acq: 17 Sep 2015 11:38

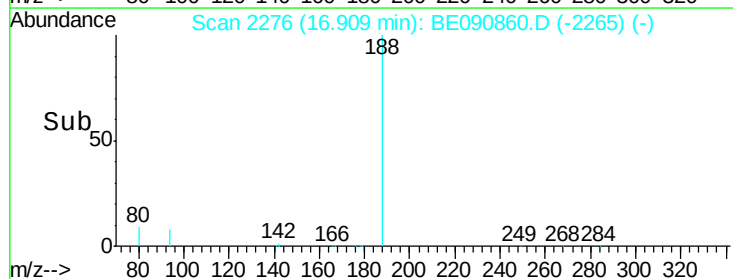
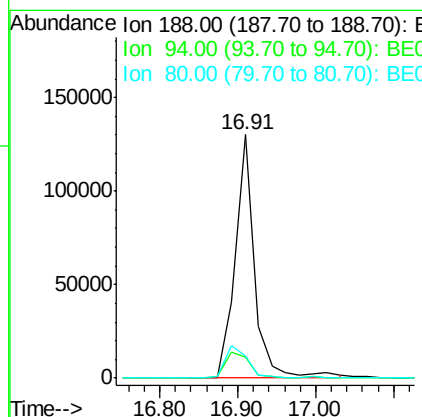
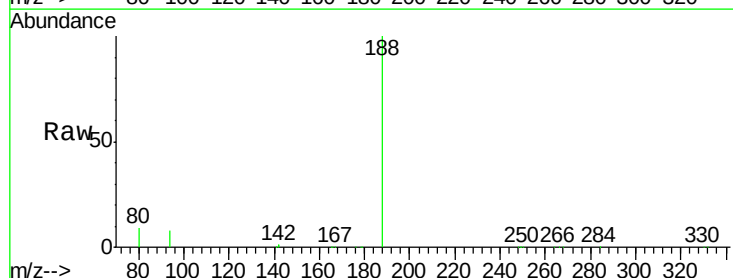
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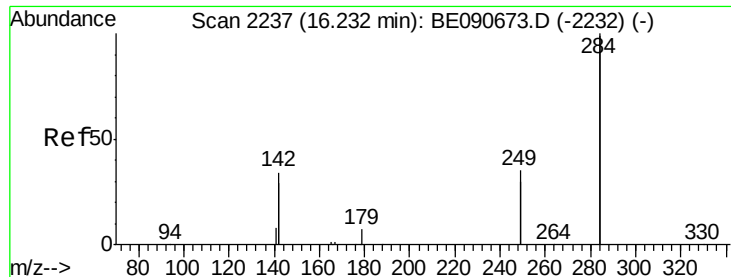
Tgt Ion:172 Resp: 93704
Ion Ratio Lower Upper
172 100
171 34.9 27.8 41.8
170 24.2 19.8 29.6



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2276
Delta R.T. -0.00 min
Lab File: BE090860.D
Acq: 17 Sep 2015 11:38

Tgt Ion:188 Resp: 225591
Ion Ratio Lower Upper
188 100
94 8.5 10.3 15.5#
80 9.0 11.0 16.6#





#20

Hexachlorobenzene

Concen: Below Cal

RT: 16.23 min Scan# 2237

Delta R.T. -0.00 min

Lab File: BE090860.D

Acq: 17 Sep 2015 11:38

Instrument :

BNA_E

ClientSampleId :

091415-D534-F-U-S

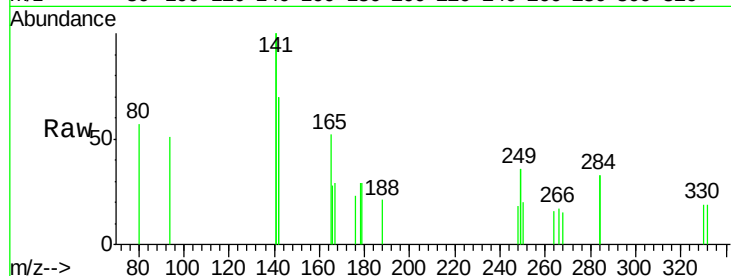
Tgt Ion:284 Resp: 73

Ion Ratio Lower Upper

284 100

142 0.0 35.0 52.4#

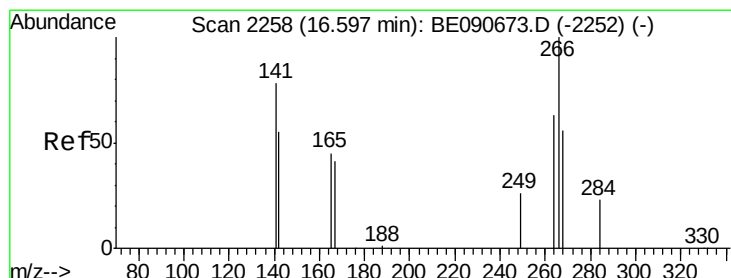
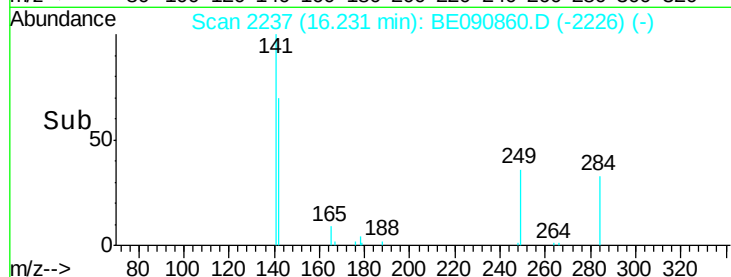
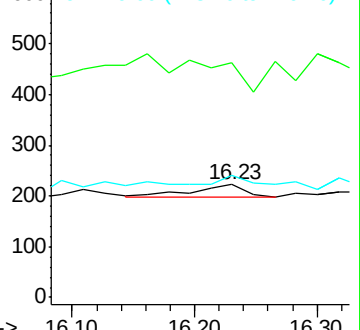
249 60.3 25.5 38.3#



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: 16.58 min Scan# 2257

Delta R.T. -0.02 min

Lab File: BE090860.D

Acq: 17 Sep 2015 11:38

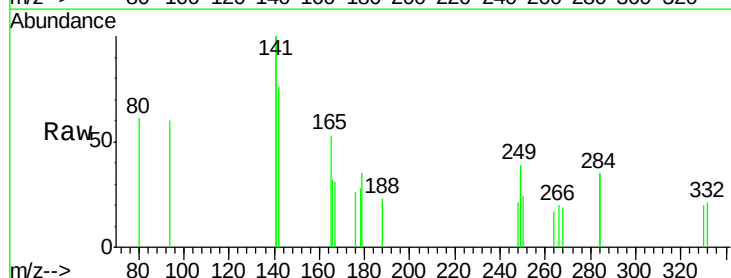
Tgt Ion:266 Resp: 39

Ion Ratio Lower Upper

266 100

268 98.2 49.6 74.4#

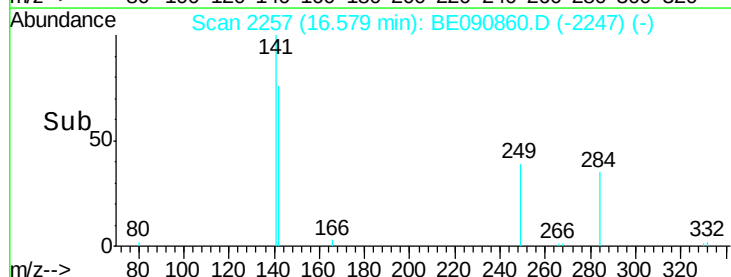
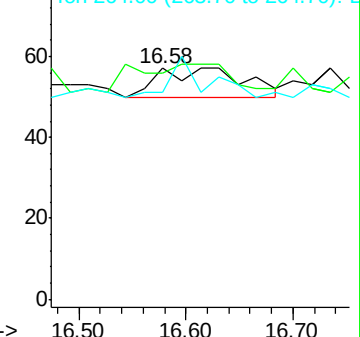
264 89.5 53.9 80.9#

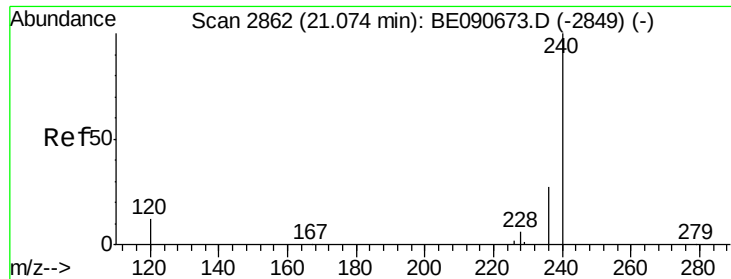


Abundance Ion 265.70 (265.40 to 266.40): E

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# 2861

Delta R.T. -0.01 min

Lab File: BE090860.D

Acq: 17 Sep 2015 11:38

Instrument :

BNA_E

ClientSampleId :

091415-D534-F-U-S

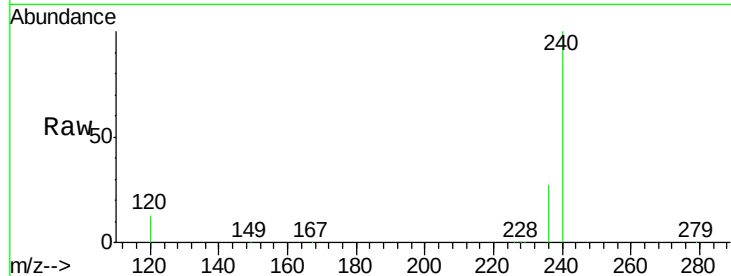
Tgt Ion:240 Resp: 268123

Ion Ratio Lower Upper

240 100

120 13.1 10.1 15.1

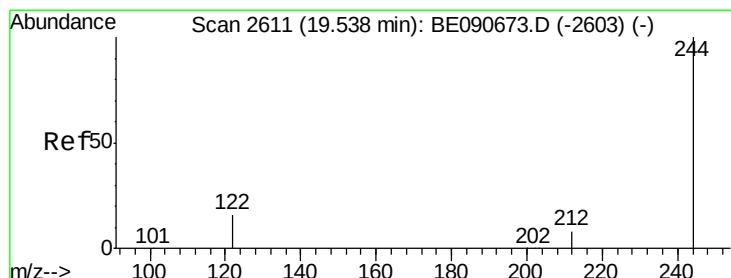
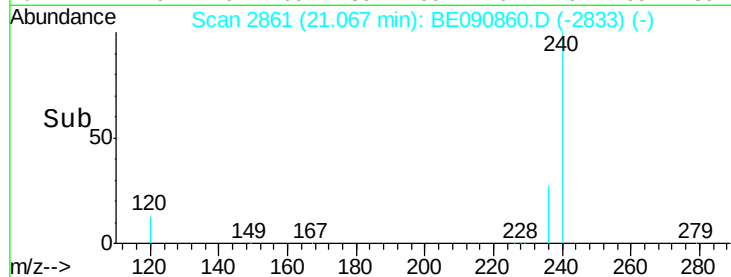
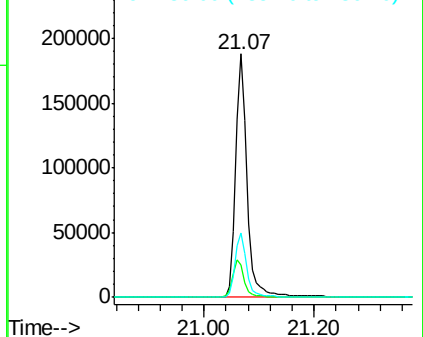
236 26.7 21.9 32.9



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: 5.49 ng

RT: 19.53 min Scan# 2609

Delta R.T. -0.01 min

Lab File: BE090860.D

Acq: 17 Sep 2015 11:38

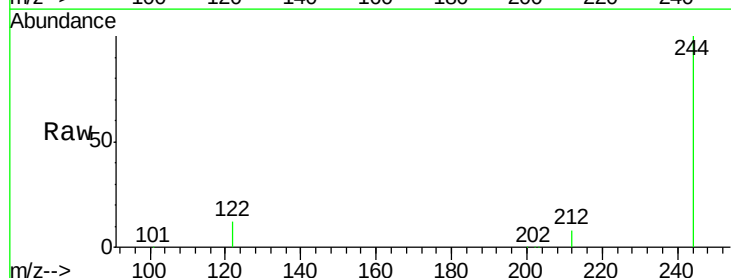
Tgt Ion:244 Resp: 162965

Ion Ratio Lower Upper

244 100

212 8.1 6.9 10.3

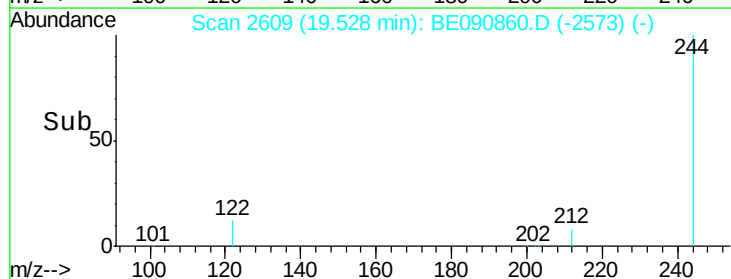
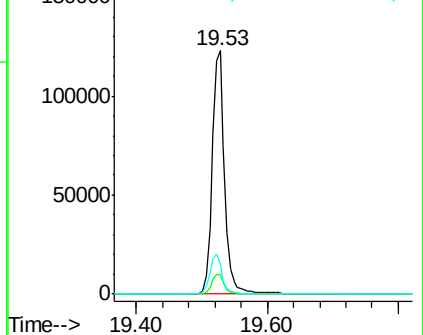
122 12.3 12.9 19.3#

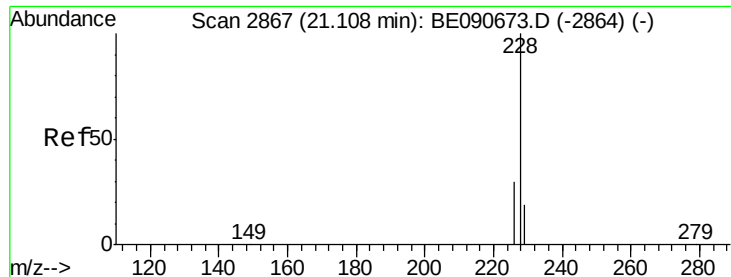


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#29

Chrysene

Concen: Below Cal

RT: 21.10 min Scan# 2866

Delta R.T. -0.01 min

Lab File: BE090860.D

Acq: 17 Sep 2015 11:38

Instrument :

BNA_E

ClientSampleId :

091415-D534-F-U-S

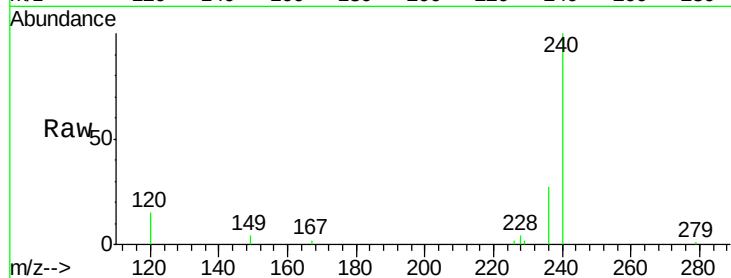
Tgt Ion:228 Resp: 315

Ion Ratio Lower Upper

228 100

226 43.2 24.2 36.4#

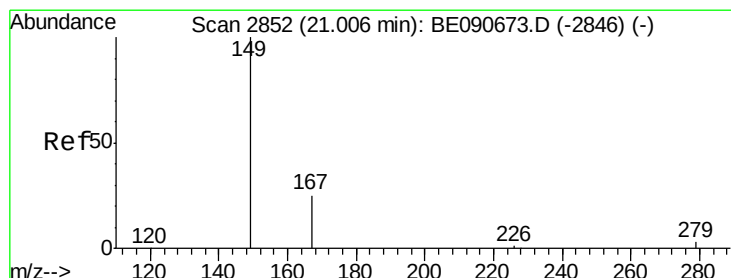
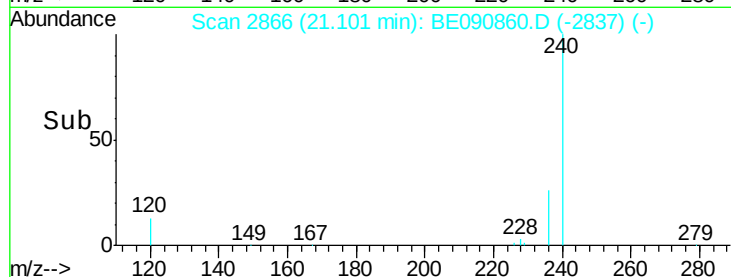
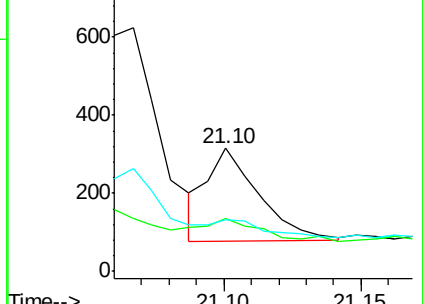
229 42.2 15.3 22.9#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#30

Bis(2-ethylhexyl)phthalate

Concen: 0.27 ng

RT: 20.99 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BE090860.D

Acq: 17 Sep 2015 11:38

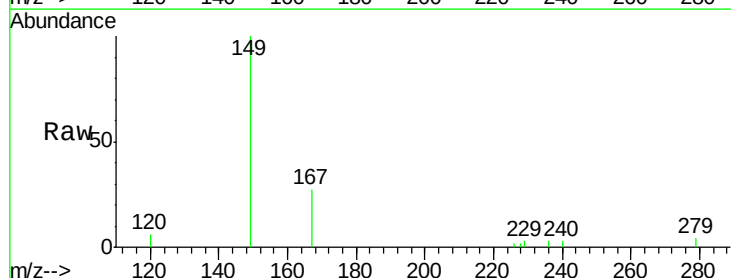
Tgt Ion:149 Resp: 3202

Ion Ratio Lower Upper

149 100

167 25.2 20.1 30.1

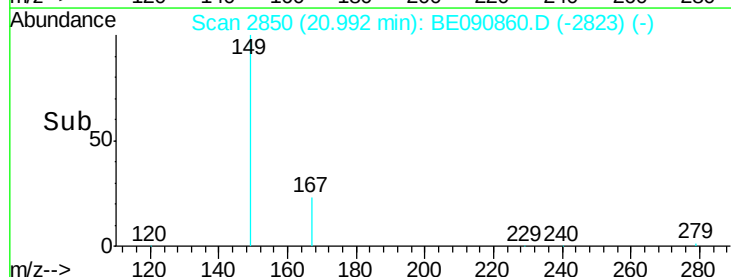
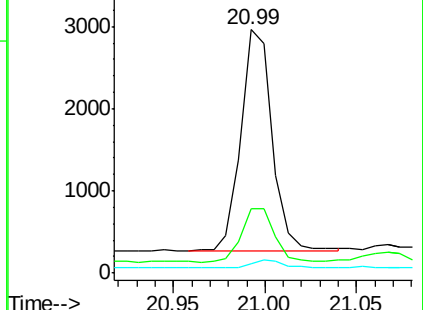
279 3.5 2.3 3.5#

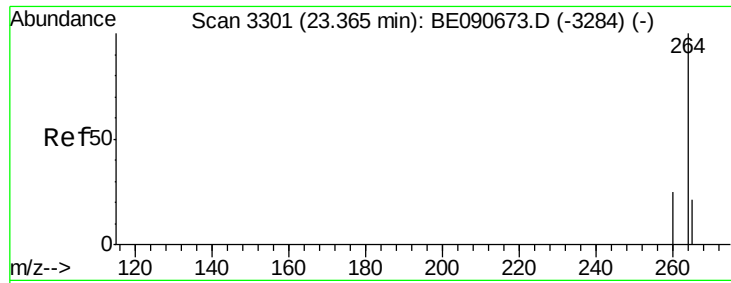


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

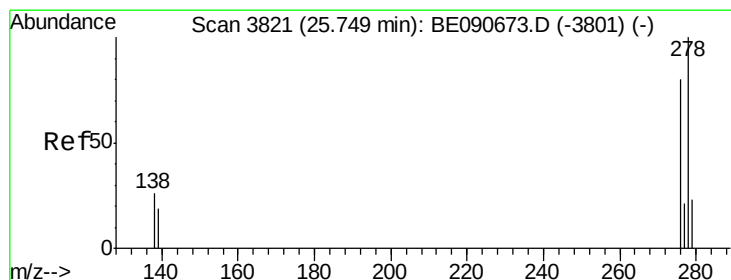
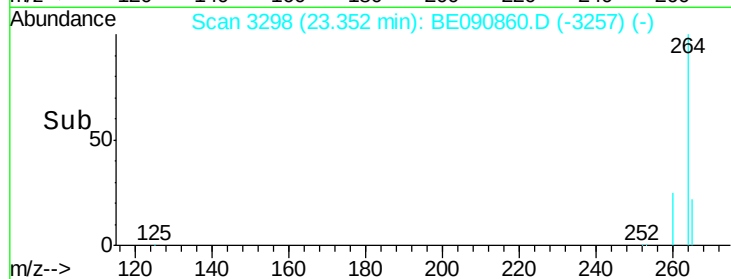
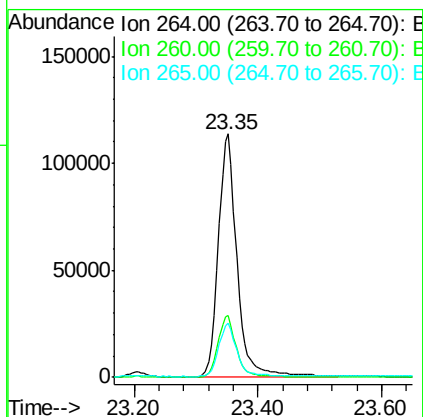
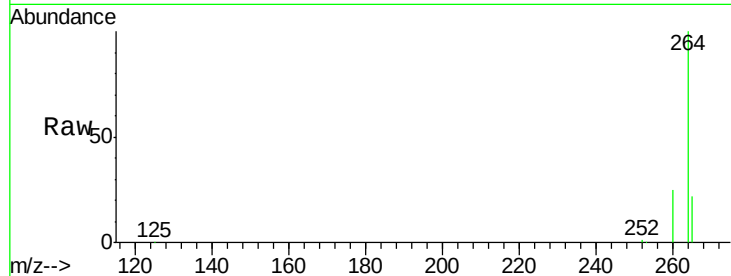




#32
Perylene-d12
 Concen: 5.00 ng
 RT: 23.35 min Scan# 3298
 Delta R.T. -0.01 min
 Lab File: BE090860.D
 Acq: 17 Sep 2015 11:38

Instrument :
 BNA_E
 ClientSampleId :
 091415-D534-F-U-S

Tgt Ion: 264 Resp: 239324
 Ion Ratio Lower Upper
 264 100
 260 25.2 19.7 29.5
 265 22.0 17.5 26.3



#36
Dibenzo(a,h)anthracene
 Concen: 0.14 ng
 RT: 25.75 min Scan# 3821
 Delta R.T. 0.00 min
 Lab File: BE090860.D
 Acq: 17 Sep 2015 11:38

Tgt Ion: 278 Resp: 67
 Ion Ratio Lower Upper
 278 100
 139 128.6 15.4 23.0#
 279 98.8 18.8 28.2#

