

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090415\
 Data File : BE090738.D
 Acq On : 4 Sep 2015 20:16
 Operator : UM/IZ
 Sample : G3562-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 090315-D534-F-U-B

Quant Time: Sep 07 01:01:19 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	40913	5.00	ng	0.00
6) Naphthalene-d8	10.31	136	187254	5.00	ng	0.00
12) Acenaphthene-d10	14.17	164	106688	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	261663	5.00	ng	0.00
25) Chrysene-d12	21.07	240	309787	5.00	ng	0.00
32) Perylene-d12	23.36	264	288237	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.18	112	30943	3.89	ng	0.00
5) Phenol-d6	6.75	99	25981	2.28	ng	0.00
7) Nitrobenzene-d5	8.71	82	52816	4.27	ng	0.00
13) 2,4,6-Tribromophenol	15.67	330	34368	10.92	ng	0.00
14) 2-Fluorobiphenyl	12.79	172	121384	4.11	ng	0.00
27) Terphenyl-d14	19.53	244	232284	6.78	ng	-0.01

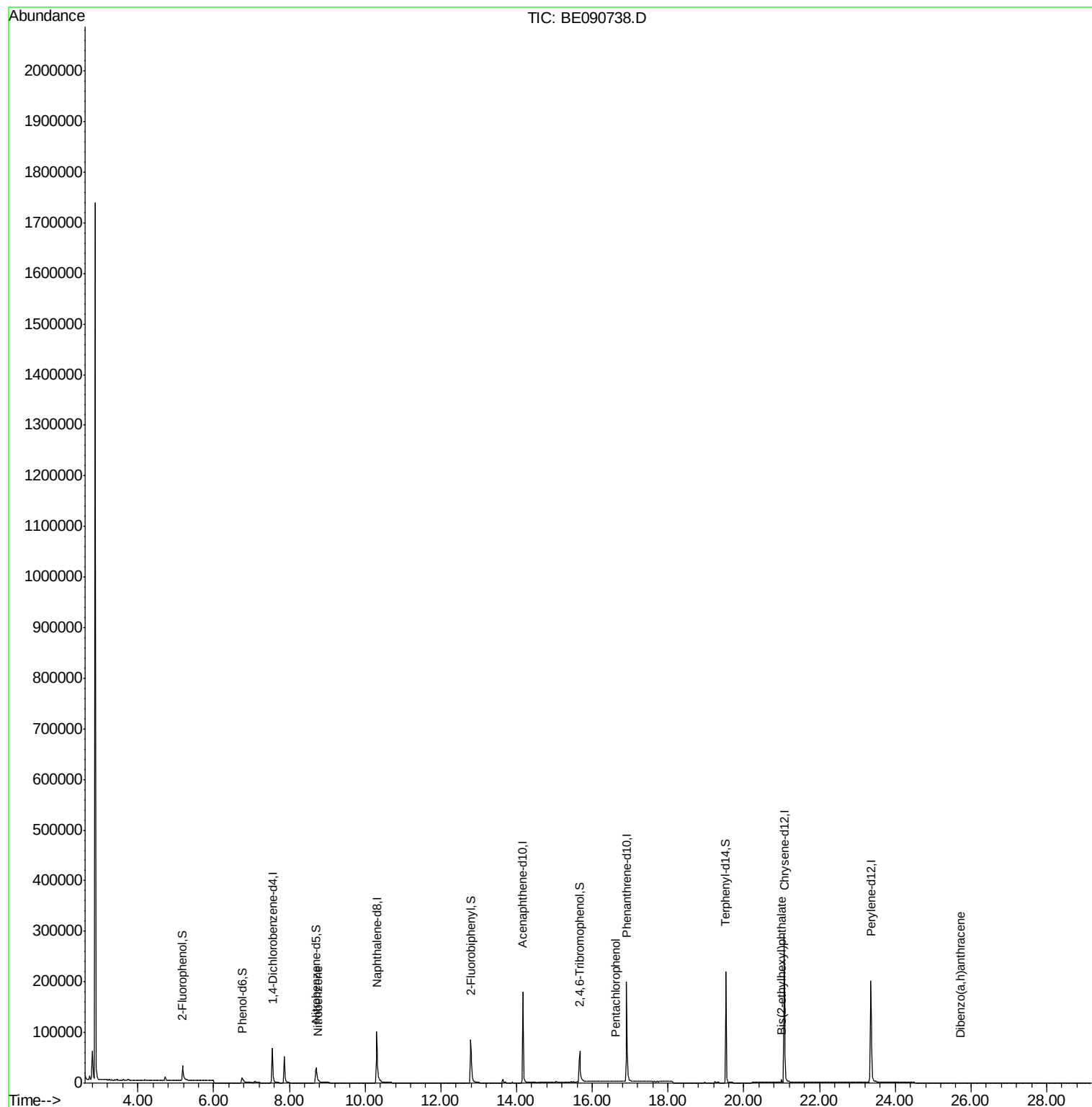
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.17	88	273	Below Cal	#	28
3) n-Nitrosodimethylamine	3.41	42	26	Below Cal	#	1
8) Nitrobenzene	8.77	77	18	0.11 ng	#	9
20) Hexachlorobenzene	16.23	284	81	Below Cal	#	39
21) Pentachlorophenol	16.61	266	62	0.48 ng	#	52
29) Chrysene	21.11	228	972	Below Cal	#	78
30) Bis(2-ethylhexyl)phthalate	21.00	149	5494	0.37 ng		99
36) Dibenzo(a,h)anthracene	25.74	278	292	0.14 ng	#	1

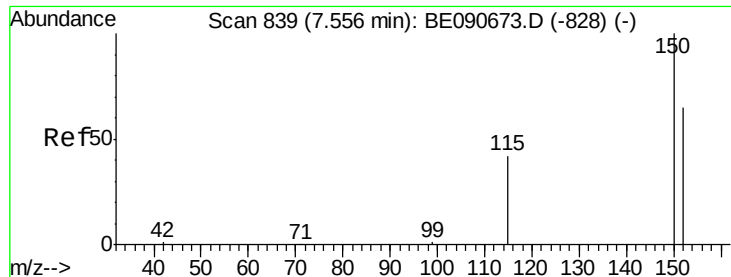
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE090738.D

Acq: 4 Sep 2015 20:16

Instrument :

BNA_E

ClientSampleId :

090315-D534-F-U-B

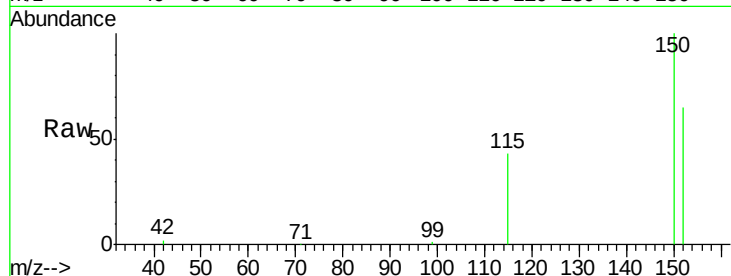
Tgt Ion: 152 Resp: 40913

Ion Ratio Lower Upper

152 100

150 154.6 122.2 183.4

115 66.1 51.0 76.4

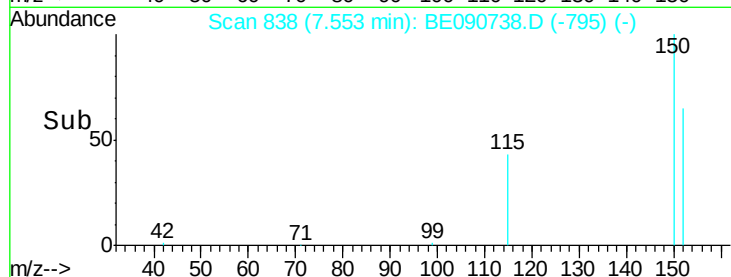


Abundance Ion 152.00 (151.70 to 152.70): E

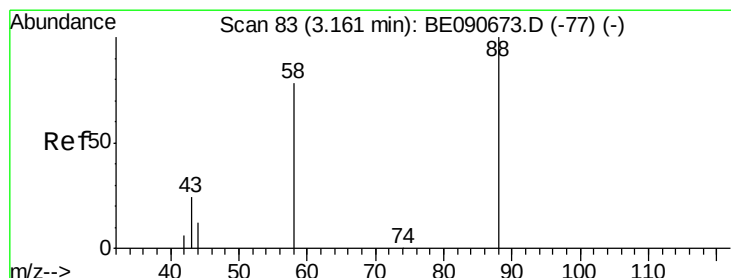
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

Time-->



Time-->



#2

1,4-Dioxane

Concen: Below Cal

RT: 3.17 min Scan# 84

Delta R.T. 0.01 min

Lab File: BE090738.D

Acq: 4 Sep 2015 20:16

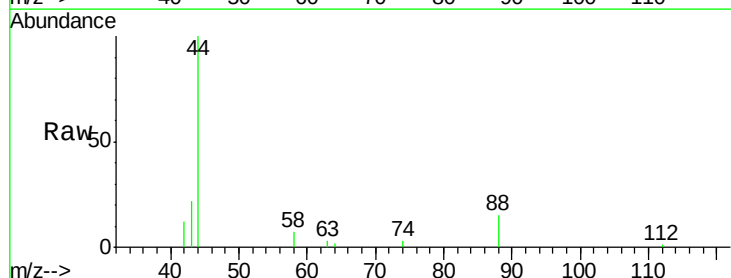
Tgt Ion: 88 Resp: 273

Ion Ratio Lower Upper

88 100

58 31.5 68.4 102.6#

43 93.4 26.9 40.3#

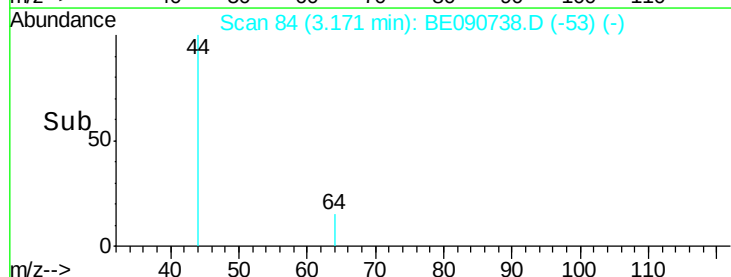


Abundance Ion 88.00 (87.70 to 88.70): BE0

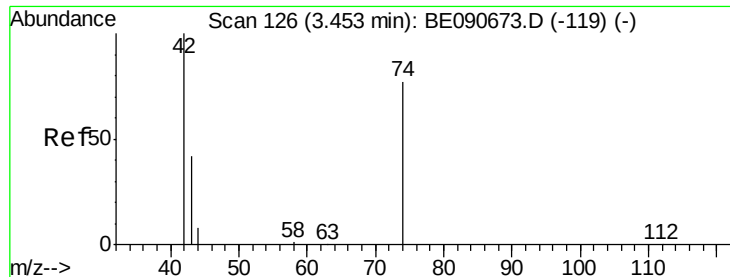
Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0

Time-->



Time-->



#3

n-Nitrosodimethylamine

Concen: Below Cal

RT: 3.41 min Scan# 120

Delta R.T. -0.04 min

Lab File: BE090738.D

Acq: 4 Sep 2015 20:16

Instrument :

BNA_E

ClientSampleId :

090315-D534-F-U-B

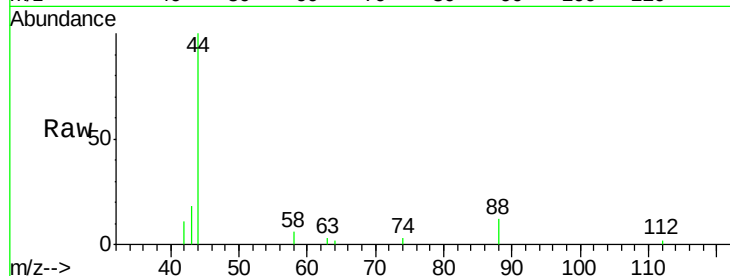
Tgt Ion: 42 Resp: 26

Ion Ratio Lower Upper

42 100

74 119.2 83.7 125.5

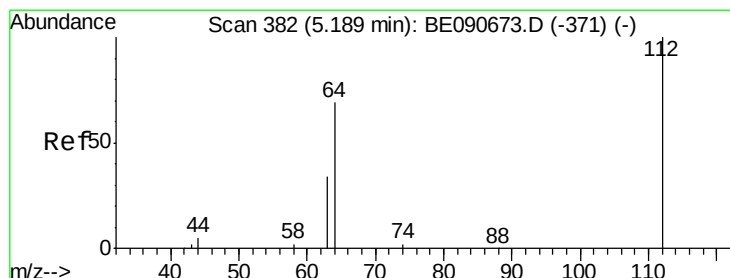
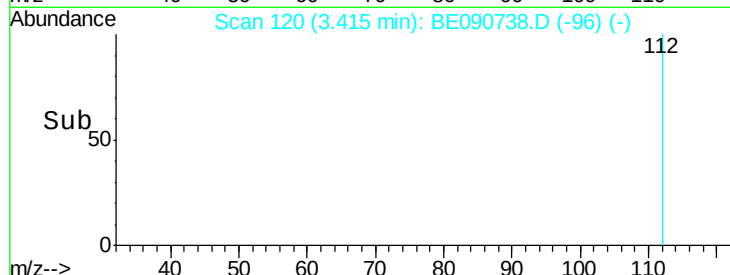
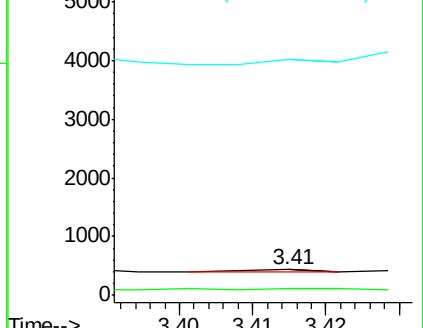
44 1007.7 10.0 15.0#



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: 3.89 ng

RT: 5.18 min Scan# 381

Delta R.T. -0.00 min

Lab File: BE090738.D

Acq: 4 Sep 2015 20:16

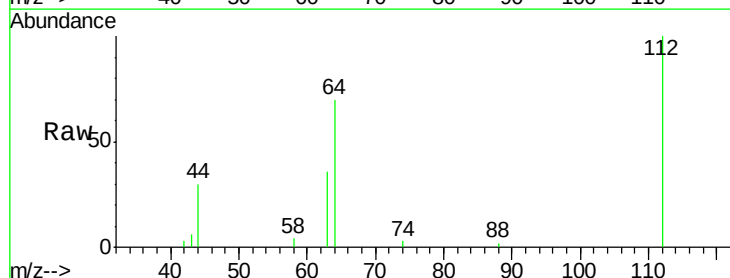
Tgt Ion: 112 Resp: 30943

Ion Ratio Lower Upper

112 100

64 71.2 57.3 85.9

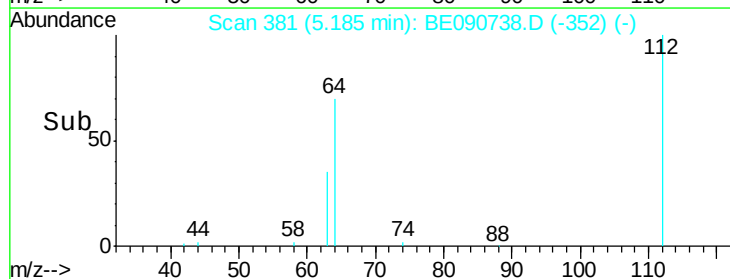
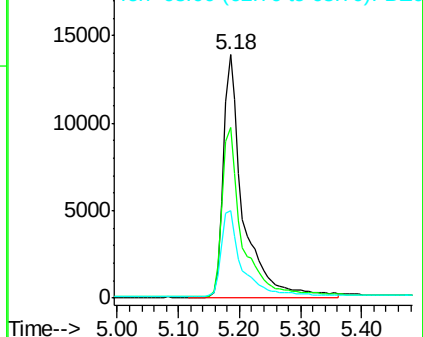
63 37.0 29.2 43.8

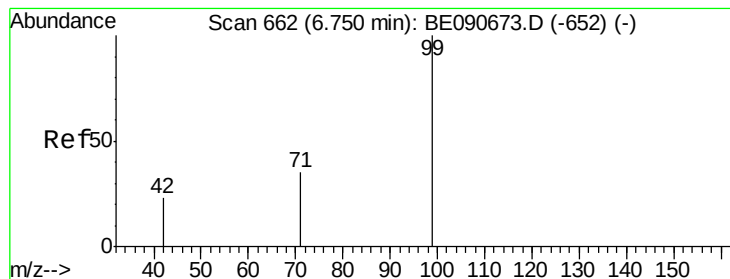


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 2.28 ng

RT: 6.75 min Scan# 662

Delta R.T. 0.00 min

Lab File: BE090738.D

Acq: 4 Sep 2015 20:16

Instrument :

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ClientSampleId :

090315-D534-F-U-B

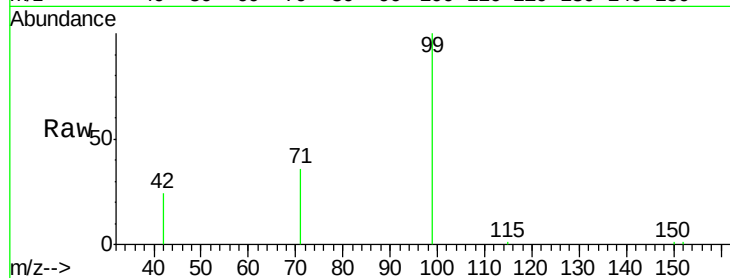
Tgt Ion: 99 Resp: 25981

Ion Ratio Lower Upper

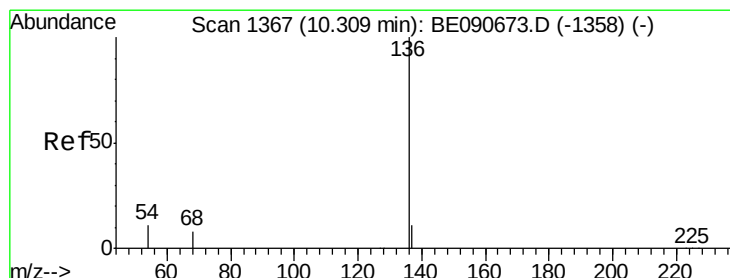
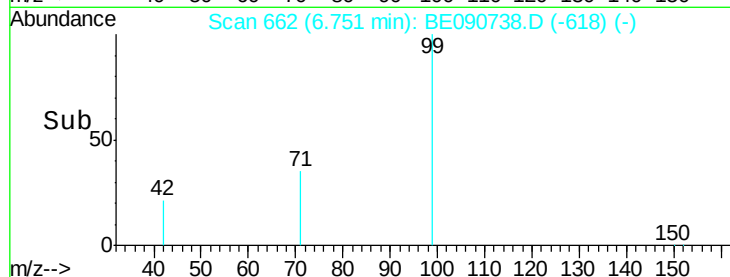
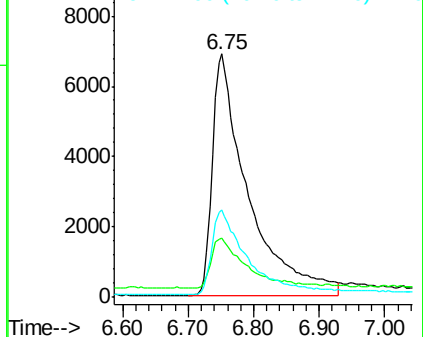
99 100

42 19.8 16.8 25.2

71 35.8 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: BE090738.D

Acq: 4 Sep 2015 20:16

Tgt Ion: 136 Resp: 187254

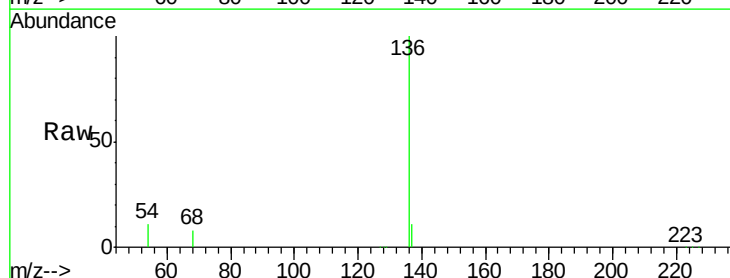
Ion Ratio Lower Upper

136 100

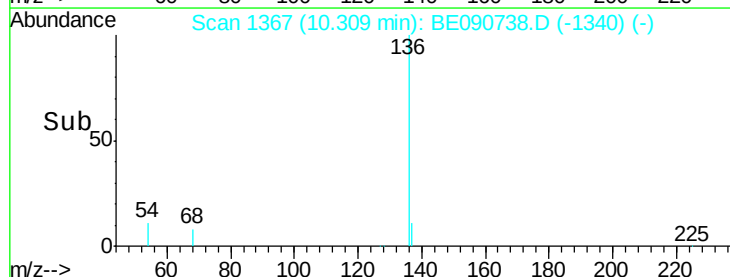
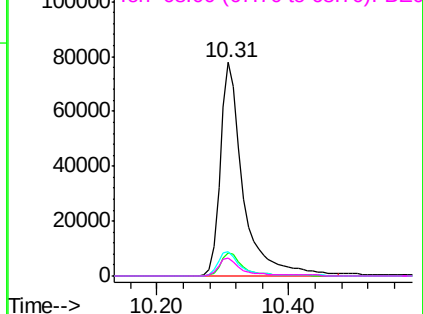
137 11.0 8.7 13.1

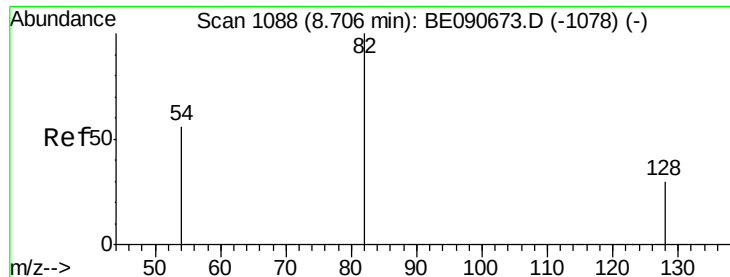
54 11.5 9.0 13.6

68 8.4 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: 4.27 ng

RT: 8.71 min Scan# 1088

Delta R.T. 0.00 min

Lab File: BE090738.D

Acq: 4 Sep 2015 20:16

Instrument :

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ClientSampleId :

090315-D534-F-U-B

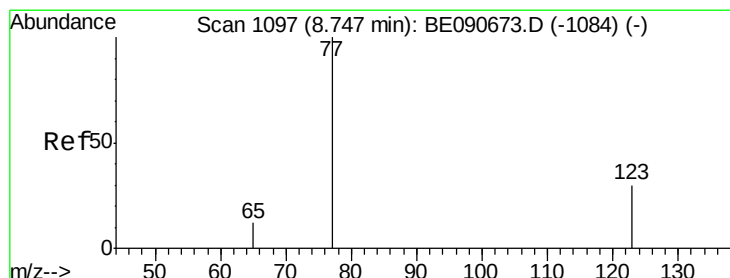
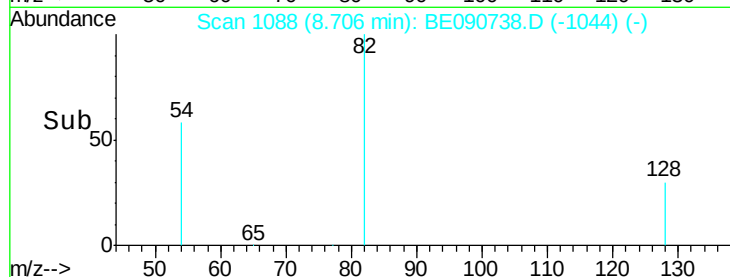
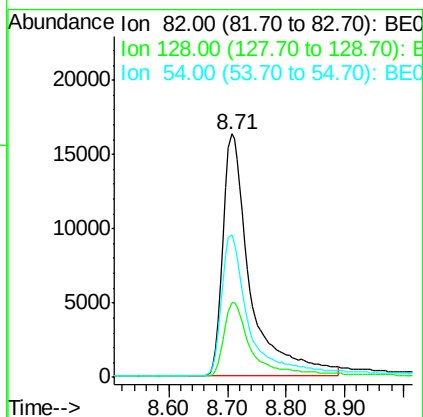
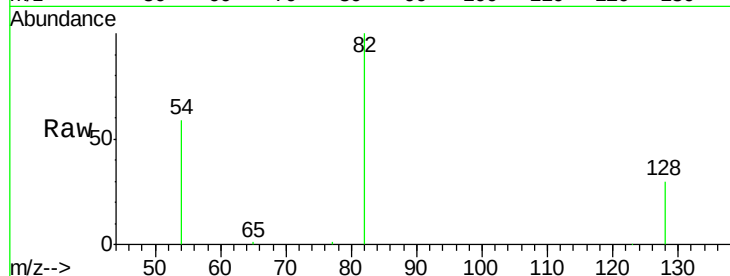
Tgt Ion: 82 Resp: 52816

Ion Ratio Lower Upper

82 100

128 30.5 25.0 37.4

54 58.7 46.3 69.5



#8

Nitrobenzene

Concen: 0.11 ng

RT: 8.77 min Scan# 1102

Delta R.T. 0.02 min

Lab File: BE090738.D

Acq: 4 Sep 2015 20:16

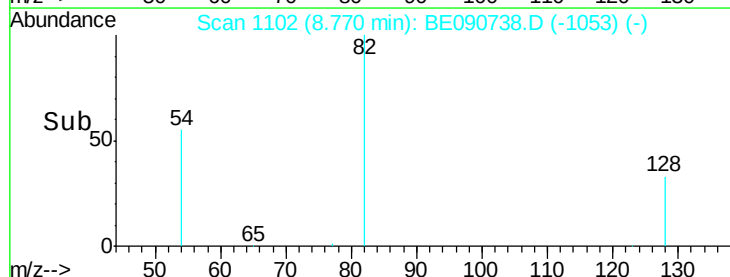
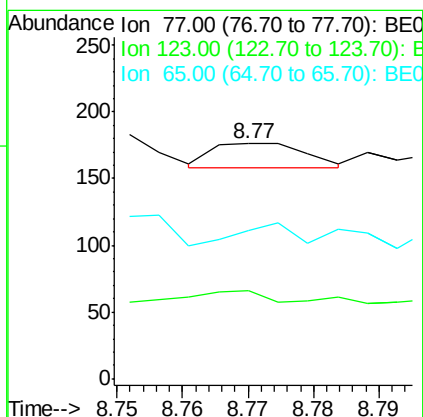
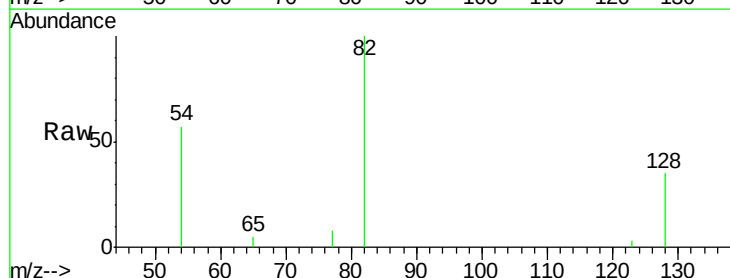
Tgt Ion: 77 Resp: 18

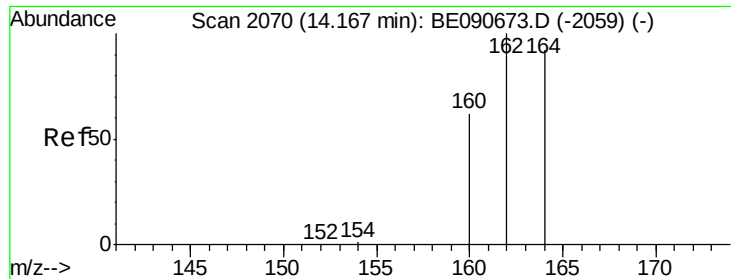
Ion Ratio Lower Upper

77 100

123 55.6 25.1 37.7#

65 94.4 9.9 14.9#





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.17 min Scan# 2070

Delta R.T. 0.00 min

Lab File: BE090738.D

Acq: 4 Sep 2015 20:16

Instrument :

BNA_E

ClientSampleId :

090315-D534-F-U-B

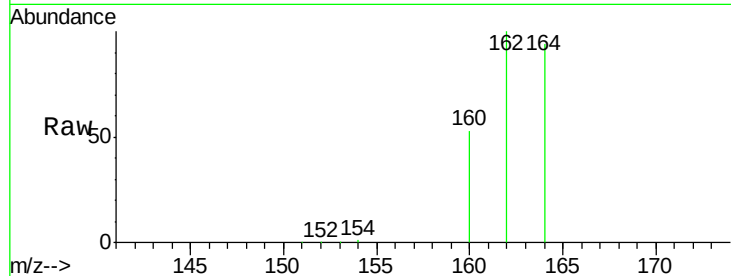
Tgt Ion:164 Resp: 106688

Ion Ratio Lower Upper

164 100

162 106.8 86.8 130.2

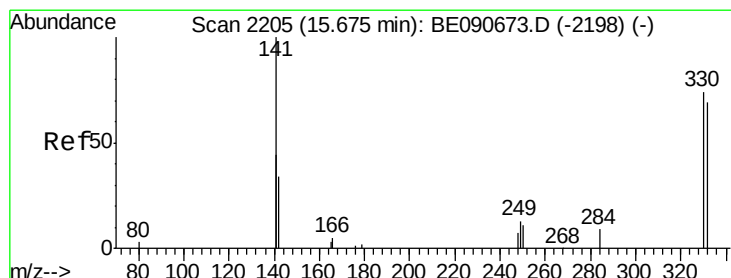
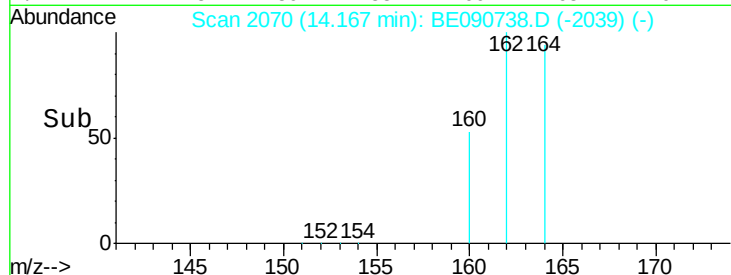
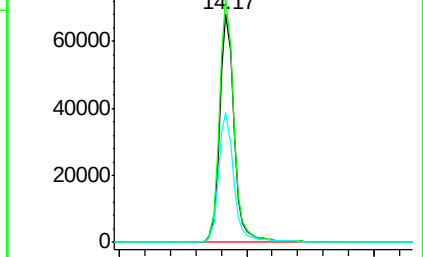
160 56.8 53.9 80.9



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: 10.92 ng

RT: 15.67 min Scan# 2204

Delta R.T. -0.00 min

Lab File: BE090738.D

Acq: 4 Sep 2015 20:16

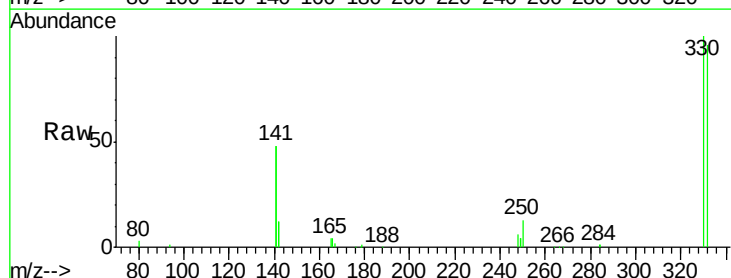
Tgt Ion:330 Resp: 34368

Ion Ratio Lower Upper

330 100

332 96.2 74.9 112.3

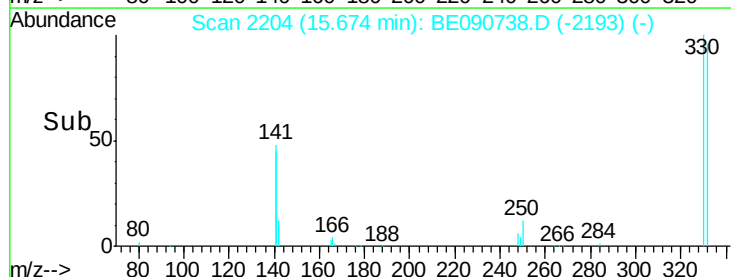
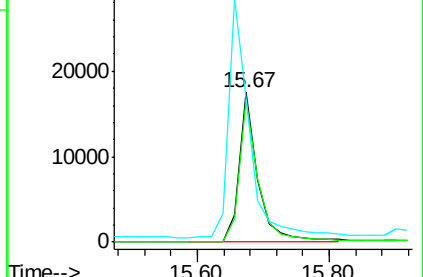
141 176.7 145.2 217.8

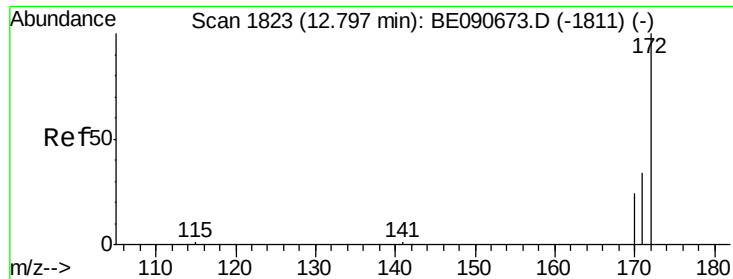


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

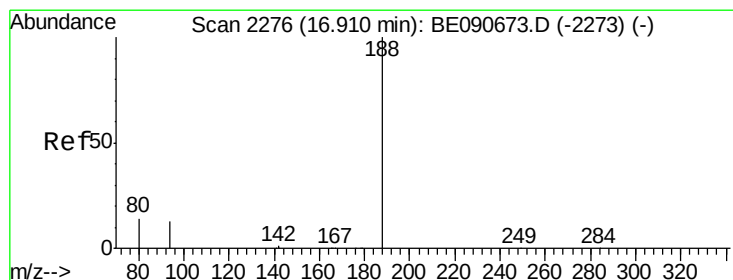
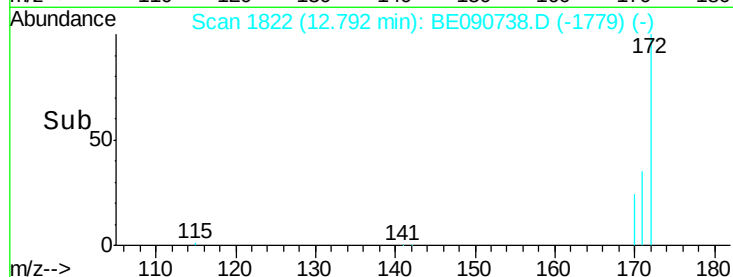
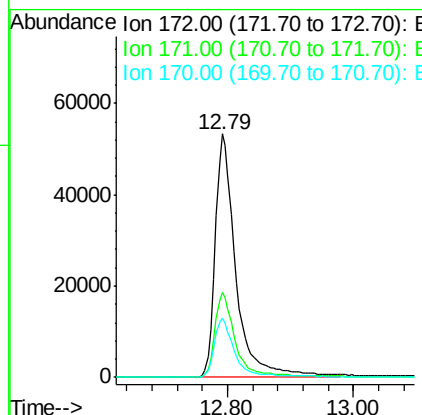
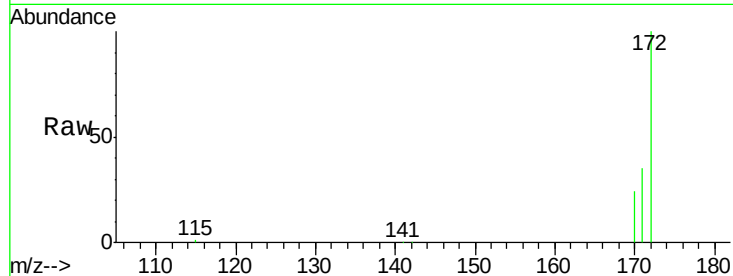




#14
2-Fluorobiphenyl
Concen: 4.11 ng
RT: 12.79 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BE090738.D
Acq: 4 Sep 2015 20:16

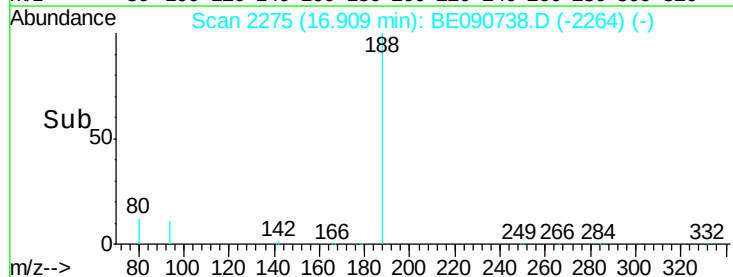
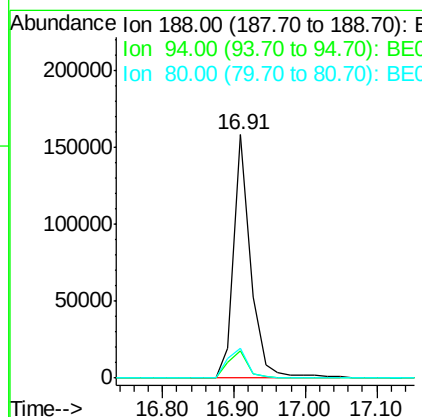
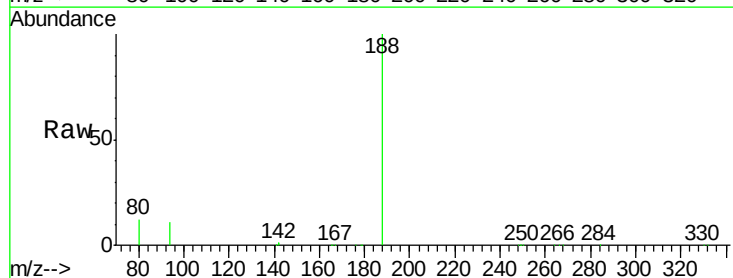
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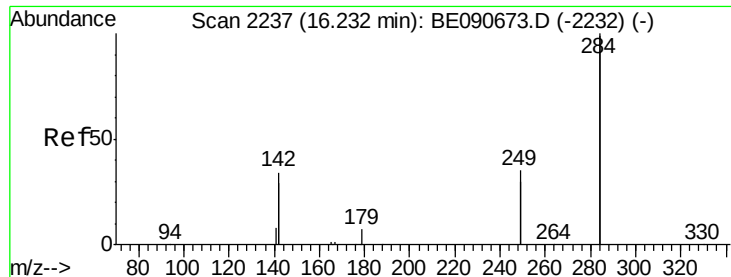
Tgt Ion:172 Resp: 121384
Ion Ratio Lower Upper
172 100
171 34.9 27.8 41.8
170 24.1 19.8 29.6



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BE090738.D
Acq: 4 Sep 2015 20:16

Tgt Ion:188 Resp: 261663
Ion Ratio Lower Upper
188 100
94 11.4 10.3 15.5
80 12.1 11.0 16.6





#20

Hexachlorobenzene

Concen: Below Cal

RT: 16.23 min Scan# 2236

Delta R.T. -0.00 min

Lab File: BE090738.D

Acq: 4 Sep 2015 20:16

Instrument :

BNA_E

ClientSampleId :

090315-D534-F-U-B

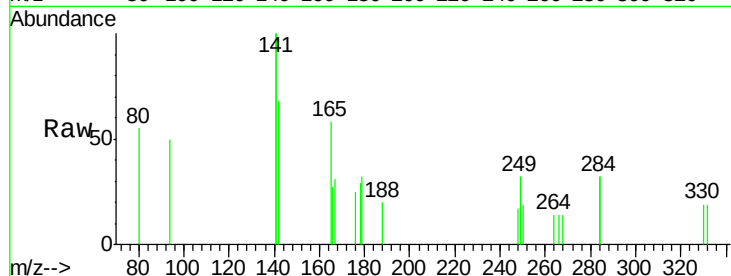
Tgt Ion:284 Resp: 81

Ion Ratio Lower Upper

284 100

142 0.0 35.0 52.4#

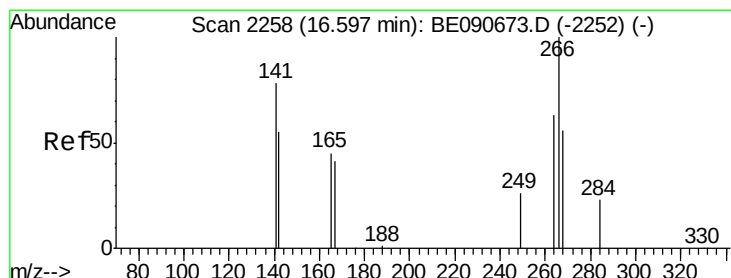
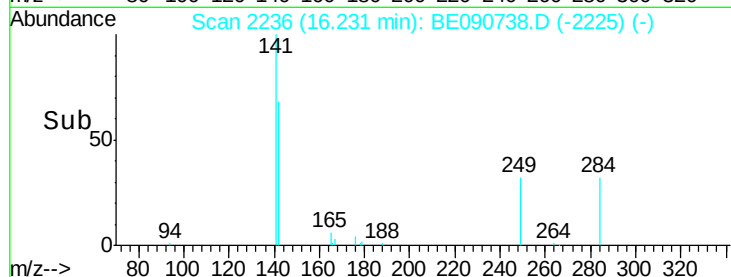
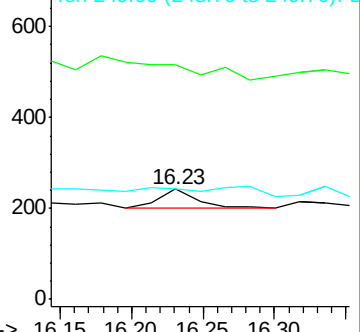
249 60.5 25.5 38.3#



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: 0.48 ng

RT: 16.61 min Scan# 2258

Delta R.T. 0.02 min

Lab File: BE090738.D

Acq: 4 Sep 2015 20:16

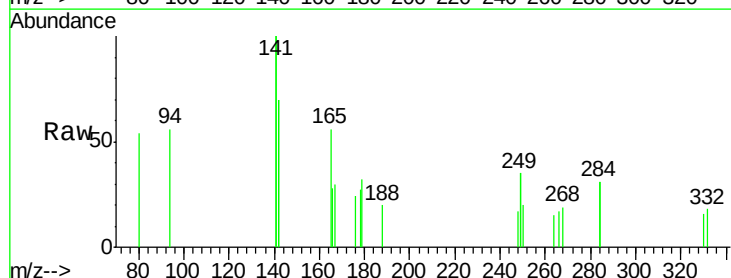
Tgt Ion:266 Resp: 62

Ion Ratio Lower Upper

266 100

268 111.9 49.6 74.4#

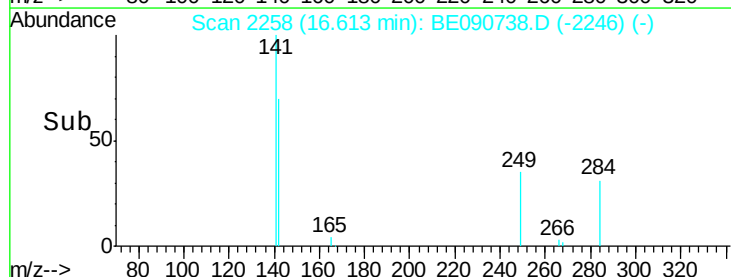
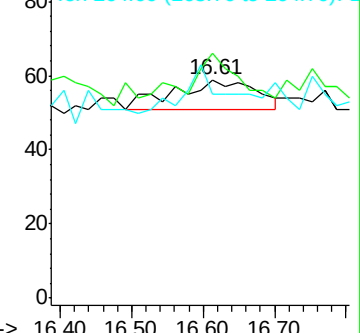
264 93.2 53.9 80.9#

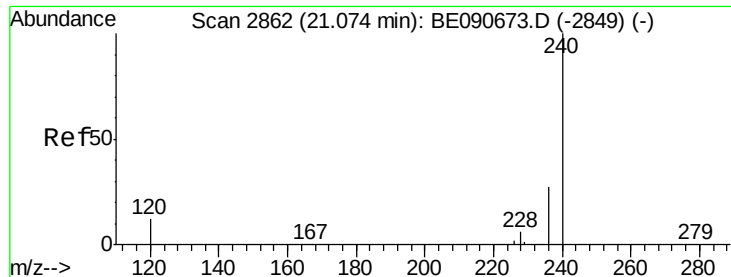


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

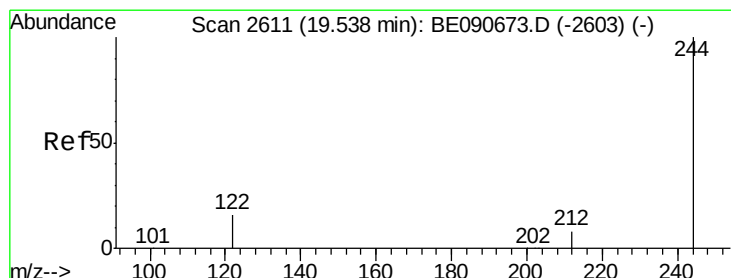
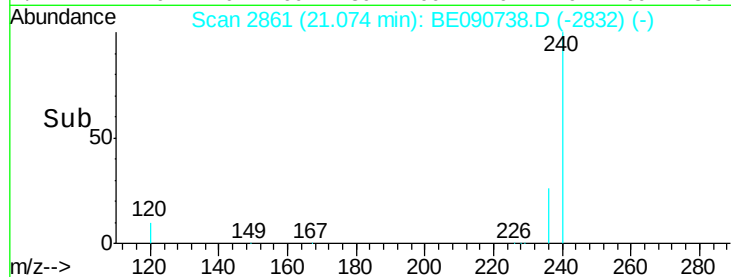
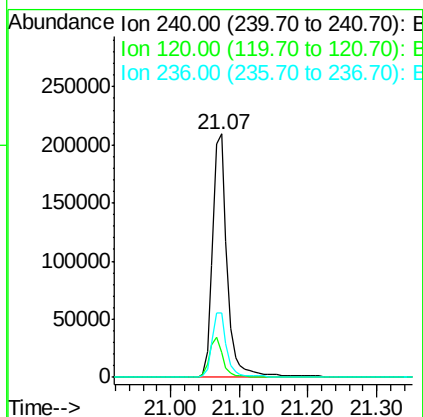
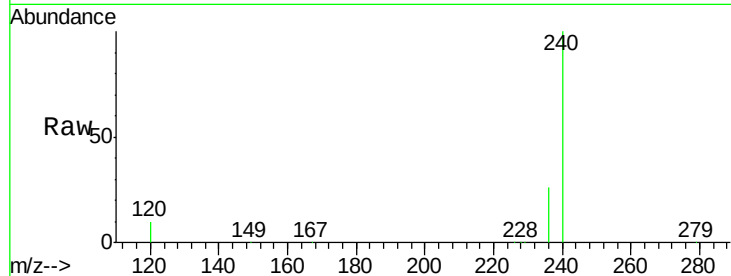




#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.07 min Scan# 2861
Delta R.T. -0.00 min
Lab File: BE090738.D
Acq: 4 Sep 2015 20:16

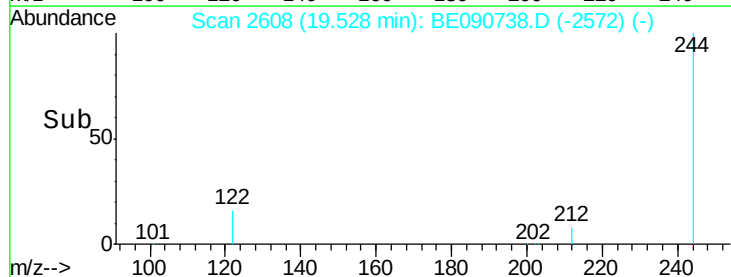
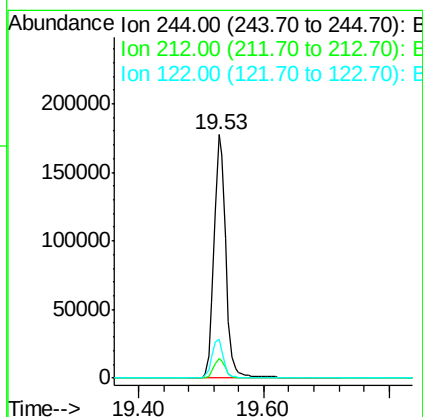
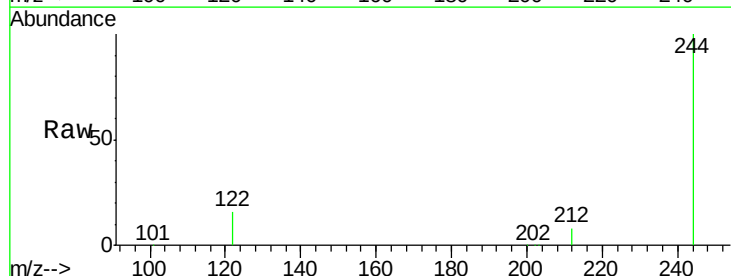
Instrument :
BNA_E
ClientSampleId :
090315-D534-F-U-B

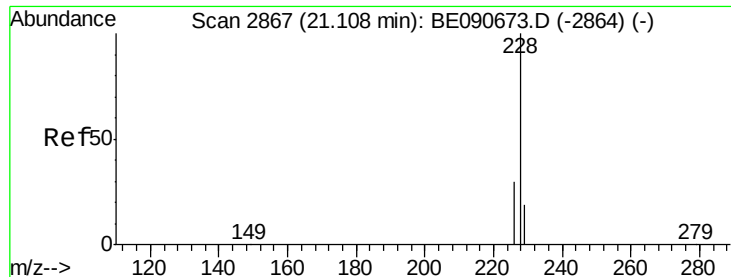
Tgt Ion:240 Resp: 309787
Ion Ratio Lower Upper
240 100
120 10.4 10.1 15.1
236 26.3 21.9 32.9



#27
Terphenyl-d14
Concen: 6.78 ng
RT: 19.53 min Scan# 2608
Delta R.T. -0.01 min
Lab File: BE090738.D
Acq: 4 Sep 2015 20:16

Tgt Ion:244 Resp: 232284
Ion Ratio Lower Upper
244 100
212 8.1 6.9 10.3
122 15.7 12.9 19.3





#29

Chrysene

Concen: Below Cal

RT: 21.11 min Scan# 2866

Delta R.T. 0.00 min

Lab File: BE090738.D

Acq: 4 Sep 2015 20:16

Instrument :

BNA_E

ClientSampleId :

090315-D534-F-U-B

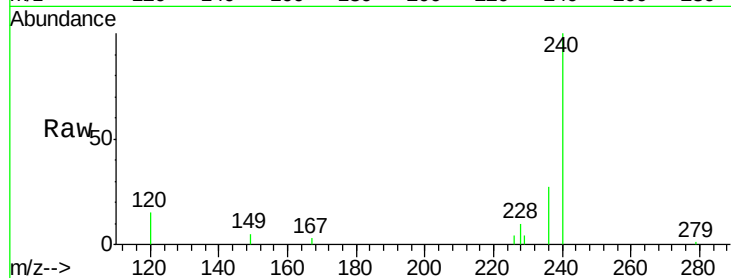
Tgt Ion:228 Resp: 972

Ion Ratio Lower Upper

228 100

226 37.5 24.2 36.4#

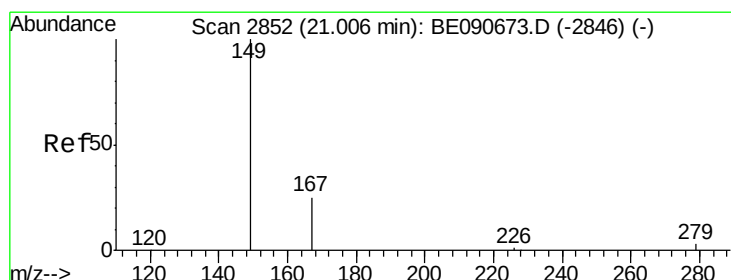
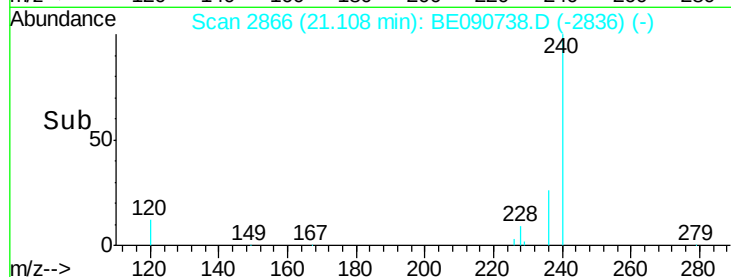
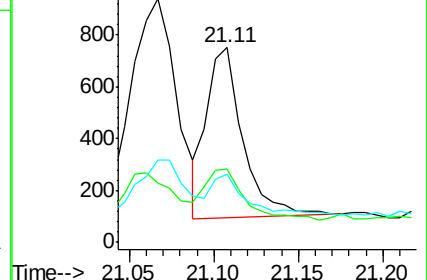
229 35.1 15.3 22.9#



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: 0.37 ng

RT: 21.00 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BE090738.D

Acq: 4 Sep 2015 20:16

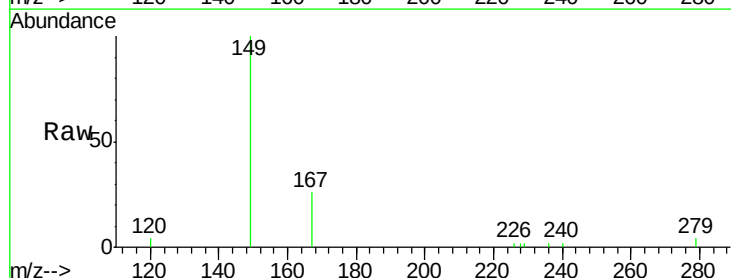
Tgt Ion:149 Resp: 5494

Ion Ratio Lower Upper

149 100

167 24.4 20.1 30.1

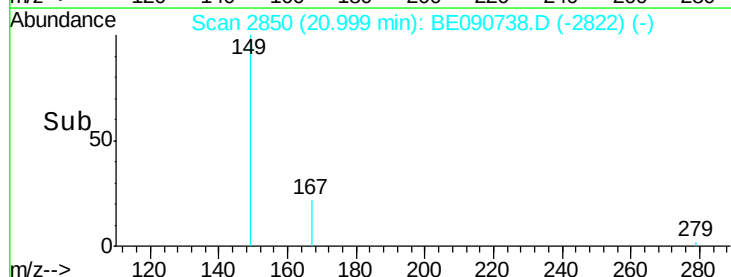
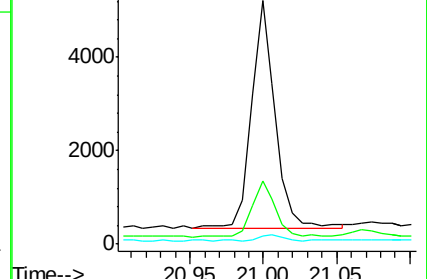
279 2.9 2.3 3.5

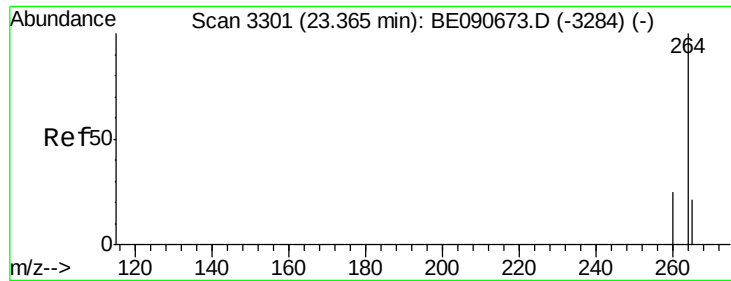


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

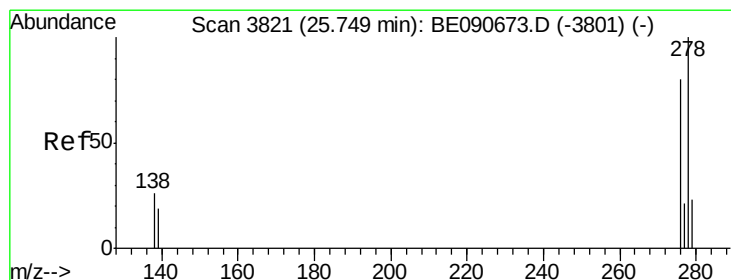
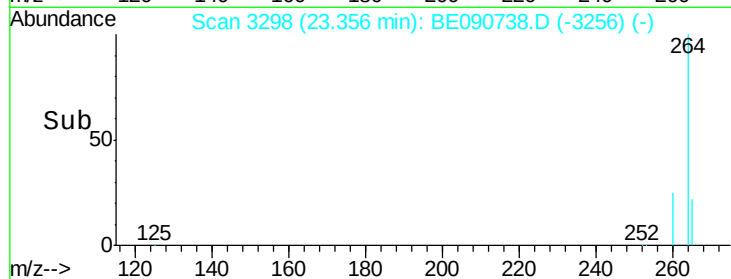
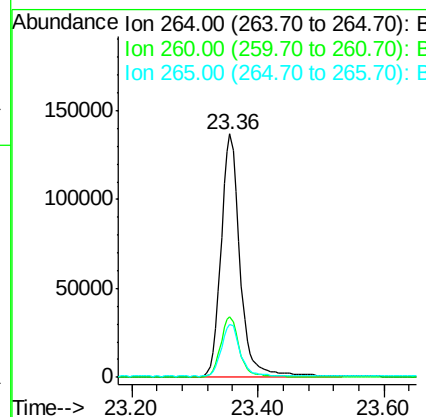
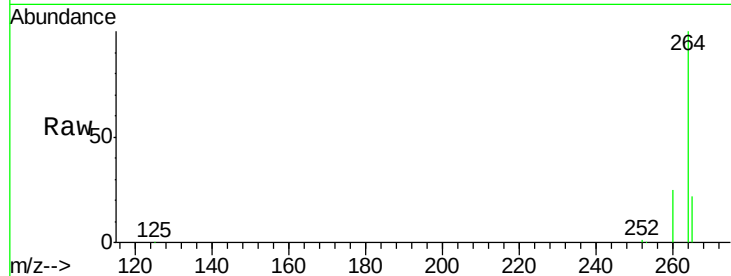




#32
Perylene-d12
 Concen: 5.00 ng
 RT: 23.36 min Scan# 3298
 Delta R.T. -0.01 min
 Lab File: BE090738.D
 Acq: 4 Sep 2015 20:16

Instrument :
 BNA_E
 ClientSampleId :
 090315-D534-F-U-B

Tgt Ion: 264 Resp: 288237
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.7 29.5
 265 21.9 17.5 26.3



#36
Dibenzo(a,h)anthracene
 Concen: 0.14 ng
 RT: 25.74 min Scan# 3818
 Delta R.T. -0.01 min
 Lab File: BE090738.D
 Acq: 4 Sep 2015 20:16

Tgt Ion: 278 Resp: 292
 Ion Ratio Lower Upper
 278 100
 139 98.7 15.4 23.0#
 279 77.9 18.8 28.2#

