

Data Path : Z:\HPCHEM1\BNA E\DATA\BE091015\
 Data File : BE090769.D
 Acq On : 10 Sep 2015 19:57
 Operator : UM/IZ
 Sample : G3598-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 090815-D534-F-D-S

Quant Time: Sep 11 02:53:30 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

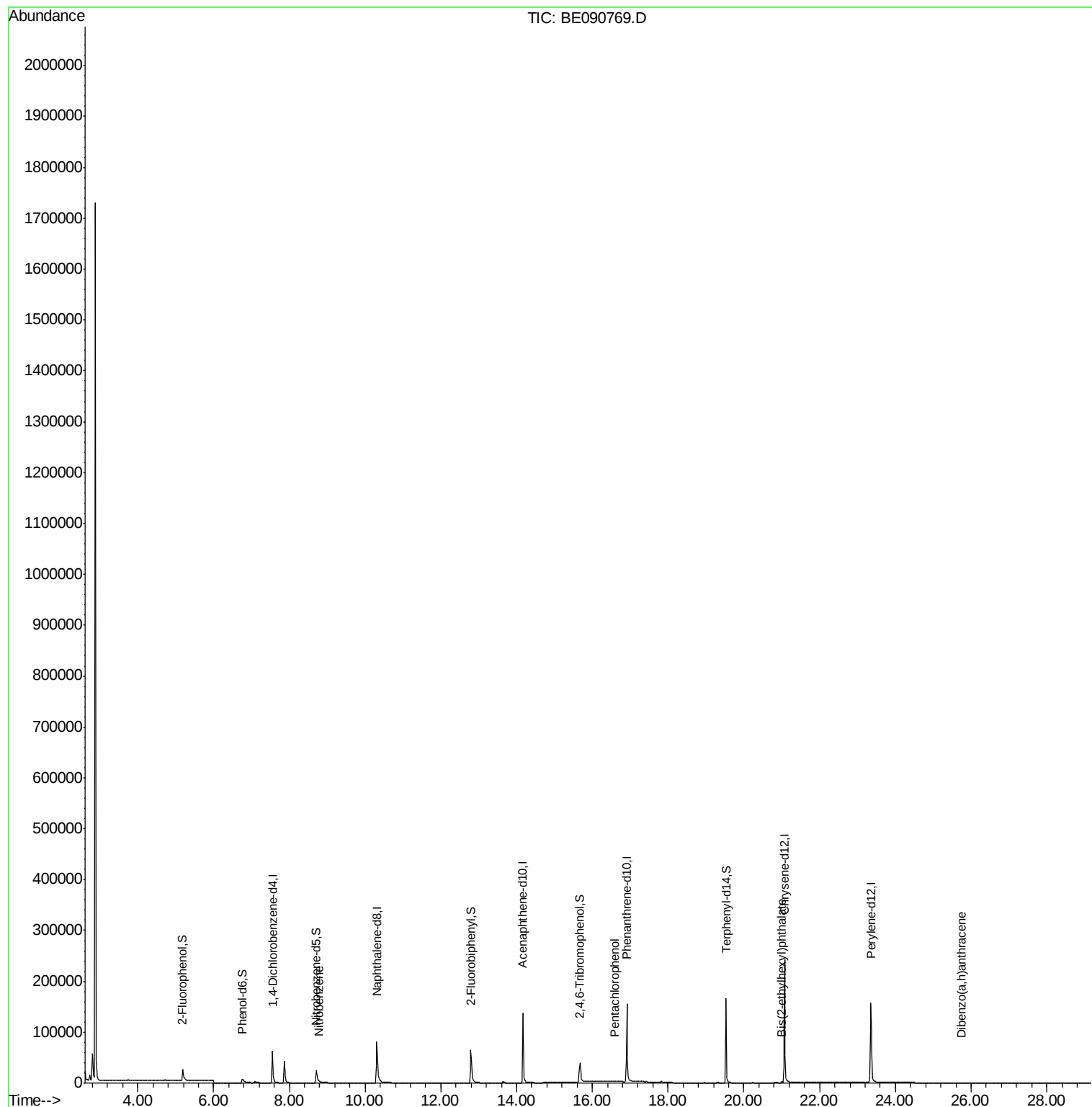
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	37596	5.00	ng	0.00
6) Naphthalene-d8	10.31	136	166749	5.00	ng	0.00
12) Acenaphthene-d10	14.17	164	86521	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	211969	5.00	ng	0.00
25) Chrysene-d12	21.07	240	256052	5.00	ng	0.00
32) Perylene-d12	23.36	264	231675	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.19	112	25651	3.51	ng	0.00
5) Phenol-d6	6.76	99	21552	2.06	ng	0.00
7) Nitrobenzene-d5	8.71	82	44533	4.04	ng	0.00
13) 2,4,6-Tribromophenol	15.68	330	21854	8.59	ng	0.00
14) 2-Fluorobiphenyl	12.79	172	99299	4.14	ng	0.00
27) Terphenyl-d14	19.53	244	178129	6.29	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.15	88	94	Below Cal	#	1
3) n-Nitrosodimethylamine	3.45	42	59	Below Cal	#	1
8) Nitrobenzene	8.78	77	32	0.11 ng	#	82
20) Hexachlorobenzene	16.23	284	234	Below Cal	#	1
21) Pentachlorophenol	16.60	266	44	0.47 ng	#	65
29) Chrysene	21.11	228	734	Below Cal	#	82
30) Bis(2-ethylhexyl)phthalate	21.00	149	1668	0.18 ng	#	98
36) Dibenzo(a,h)anthracene	25.75	278	287	0.14 ng	#	1

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

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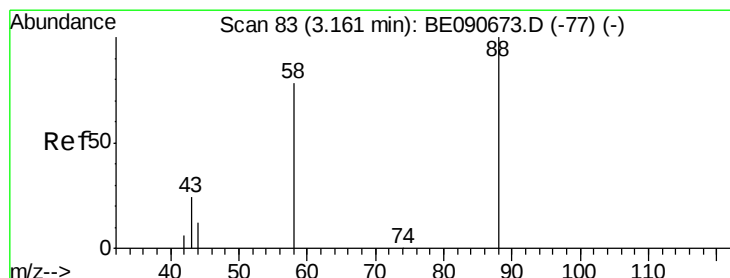
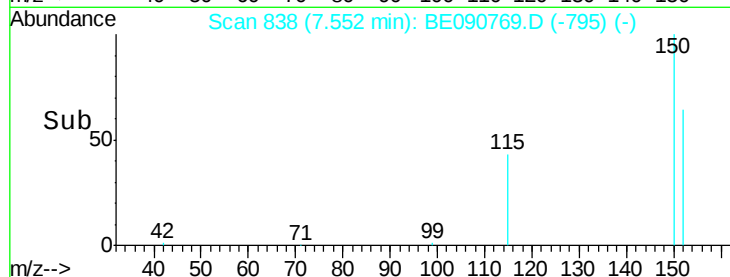
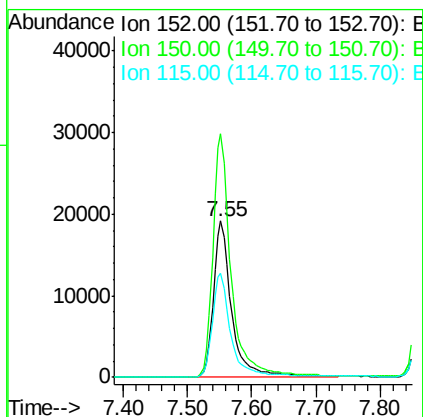
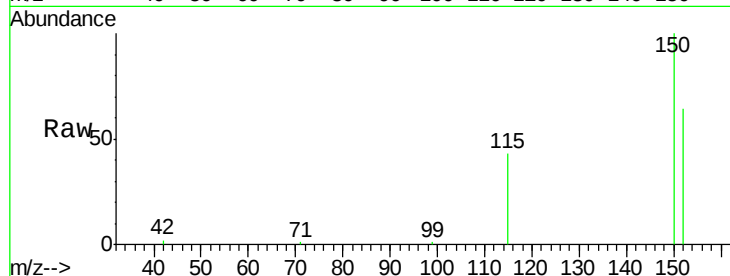


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.55 min Scan# 838
Delta R.T. -0.00 min
Lab File: BE090769.D
Acq: 10 Sep 2015 19:57

Instrument :
BNA_E
ClientSampleId :
090815-D534-F-D-S

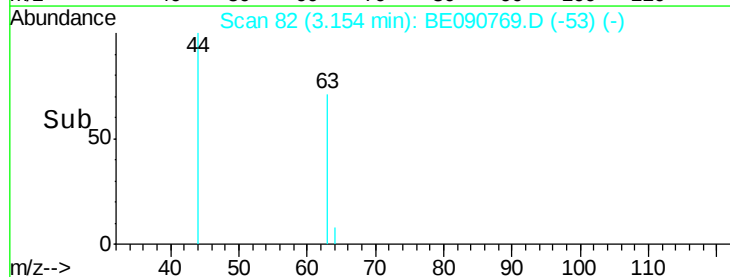
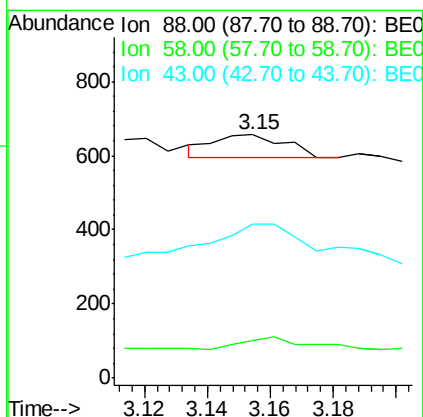
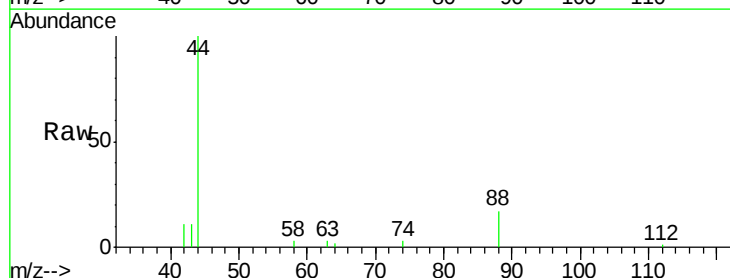
Tot Ion:152 Resp: 37596
Ion Ratio Lower Upper
152 100
150 156.0 122.2 183.4
115 66.9 51.0 76.4

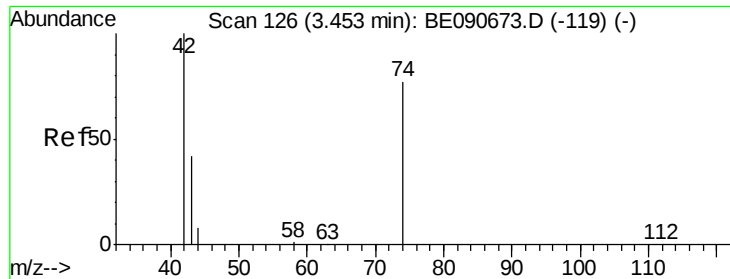


#2

1,4-Dioxane
Concen: Below Cal
RT: 3.15 min Scan# 82
Delta R.T. -0.01 min
Lab File: BE090769.D
Acq: 10 Sep 2015 19:57

Tgt Ion: 88 Resp: 94
Ion Ratio Lower Upper
88 100
58 57.4 68.4 102.6#
43 291.5 26.9 40.3#



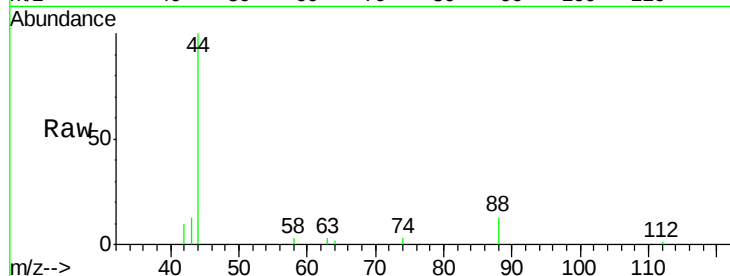


#3

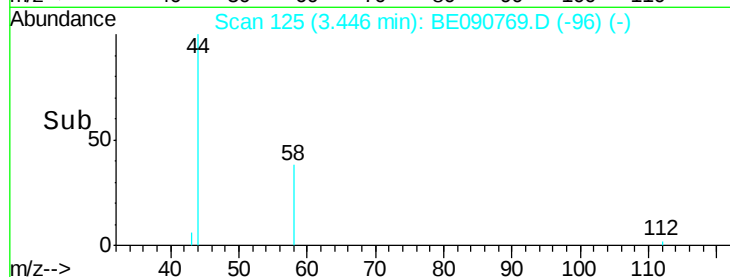
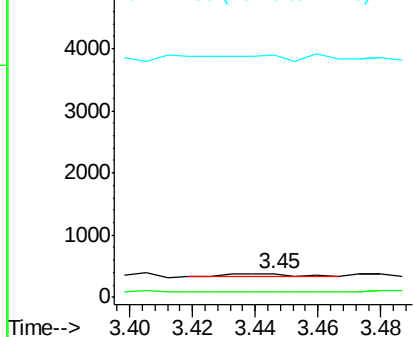
n-Nitrosodimethylamine
 Concen: Below Cal
 RT: 3.45 min Scan# 125
 Delta R.T. -0.01 min
 Lab File: BE090769.D
 Acq: 10 Sep 2015 19:57

Instrument :
 BNA_E
 ClientSampleId :
 090815-D534-F-D-S

Tot Ion: 42 Resp: 59
 Ion Ratio Lower Upper
 42 100
 74 11.9 83.7 125.5#
 44 161.0 10.0 15.0#



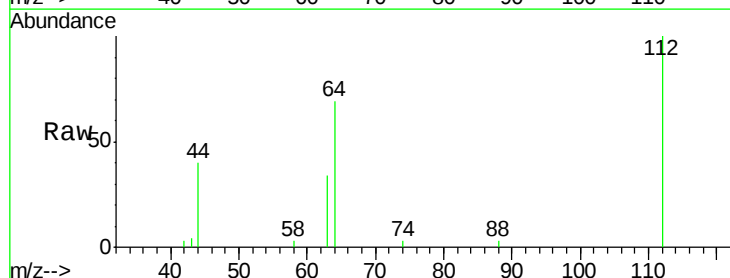
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



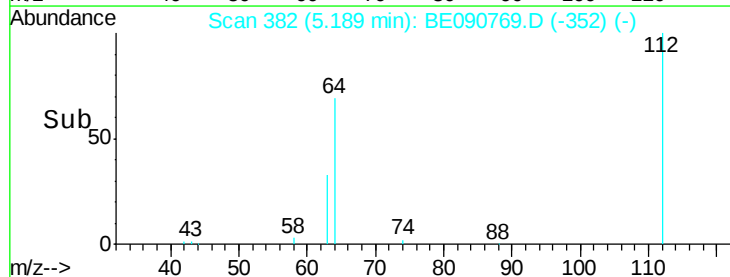
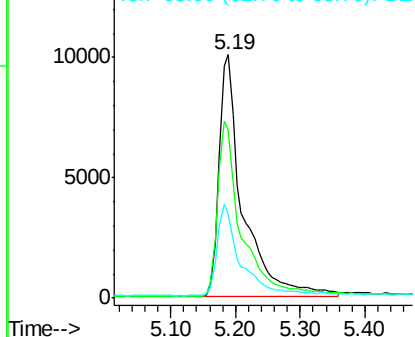
#4

2-Fluorophenol
 Concen: 3.51 ng
 RT: 5.19 min Scan# 382
 Delta R.T. 0.00 min
 Lab File: BE090769.D
 Acq: 10 Sep 2015 19:57

Tgt Ion: 112 Resp: 25651
 Ion Ratio Lower Upper
 112 100
 64 72.3 57.3 85.9
 63 37.5 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: 2.06 ng

RT: 6.76 min Scan# 663

Delta R.T. 0.00 min

Lab File: BE090769.D

Acq: 10 Sep 2015 19:57

Instrument :

BNA_E

ClientSampleId :

090815-D534-F-D-S

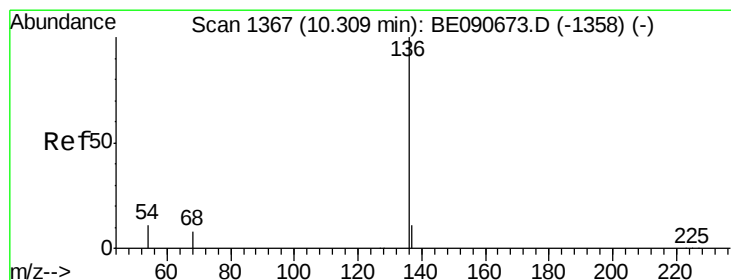
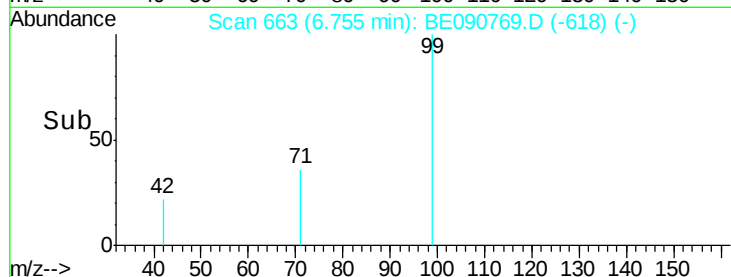
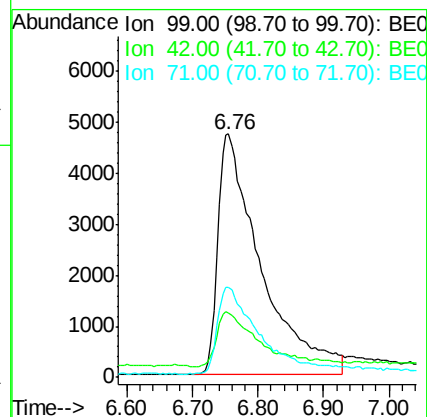
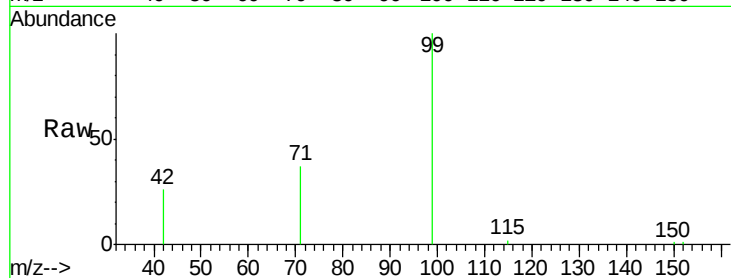
Tot Ion: 99 Resp: 21552

Ion Ratio Lower Upper

99 100

42 21.6 16.8 25.2

71 36.1 28.3 42.5



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.31 min Scan# 1367

Delta R.T. -0.00 min

Lab File: BE090769.D

Acq: 10 Sep 2015 19:57

Tgt Ion: 136 Resp: 166749

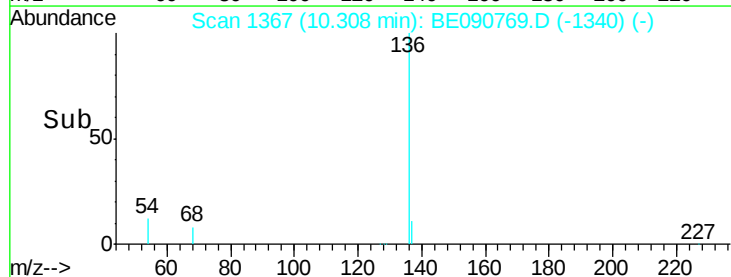
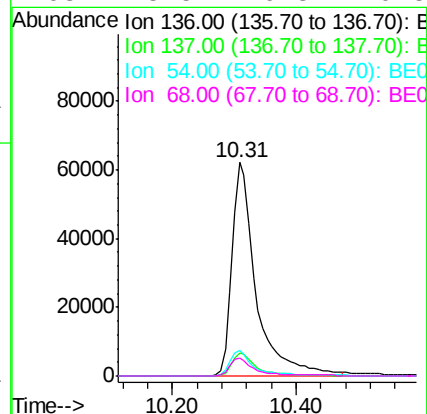
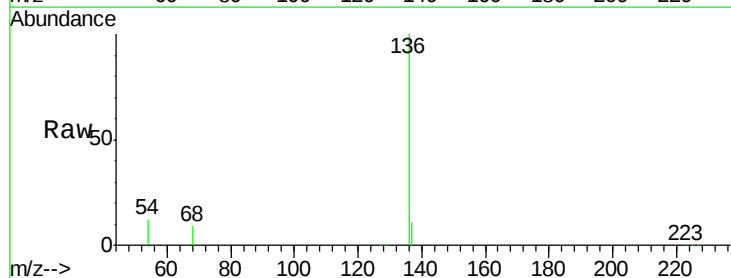
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 12.1 9.0 13.6

68 8.5 6.3 9.5





#7

Nitrobenzene-d5

Concen: 4.04 ng

RT: 8.71 min Scan# 1089

Delta R.T. 0.00 min

Lab File: BE090769.D

Acq: 10 Sep 2015 19:57

Instrument :

BNA_E

ClientSampleId :

090815-D534-F-D-S

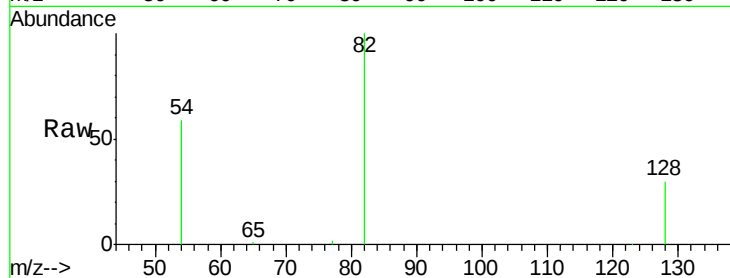
Tot Ion: 82 Resp: 44533

Ion Ratio Lower Upper

82 100

128 30.1 25.0 37.4

54 59.0 46.3 69.5



Abundance Ion 82.00 (81.70 to 82.70): BE090769.D (-1078) (-)

Ion 128.00 (127.70 to 128.70): BE090769.D (-1078) (-)

Ion 54.00 (53.70 to 54.70): BE090769.D (-1078) (-)

8.71

15000

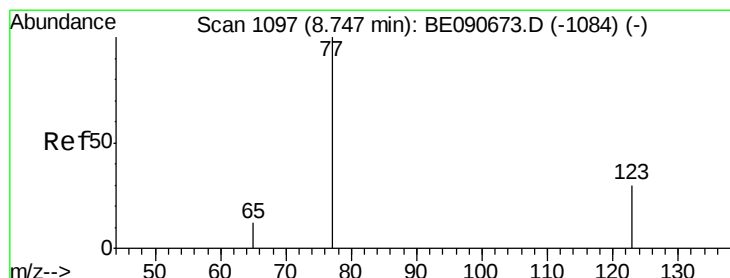
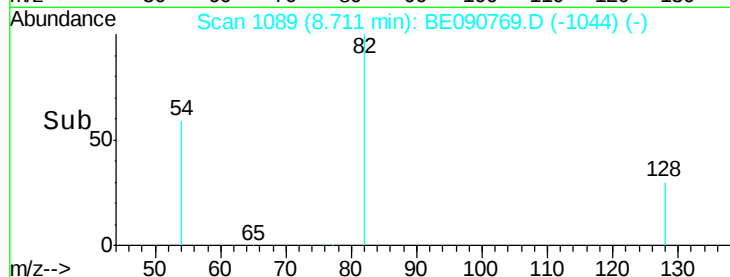
10000

5000

0

Time-->

8.60 8.70 8.80 8.90



#8

Nitrobenzene

Concen: 0.11 ng

RT: 8.78 min Scan# 1104

Delta R.T. 0.03 min

Lab File: BE090769.D

Acq: 10 Sep 2015 19:57

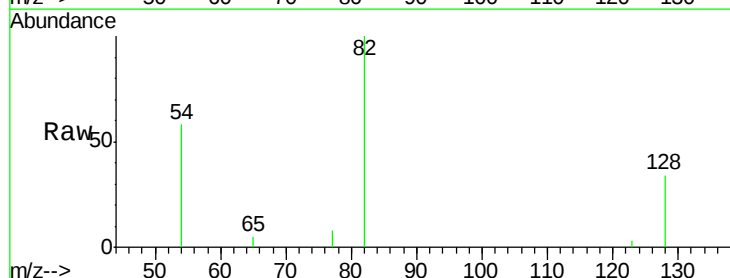
Tgt Ion: 77 Resp: 32

Ion Ratio Lower Upper

77 100

123 28.1 25.1 37.7

65 31.3 9.9 14.9#



Abundance Ion 77.00 (76.70 to 77.70): BE090769.D (-1084) (-)

Ion 123.00 (122.70 to 123.70): BE090769.D (-1084) (-)

Ion 65.00 (64.70 to 65.70): BE090769.D (-1084) (-)

8.78

200

150

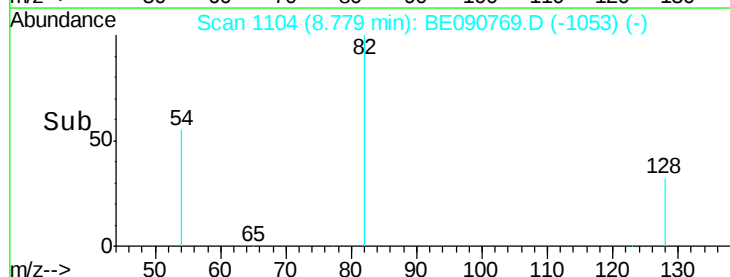
100

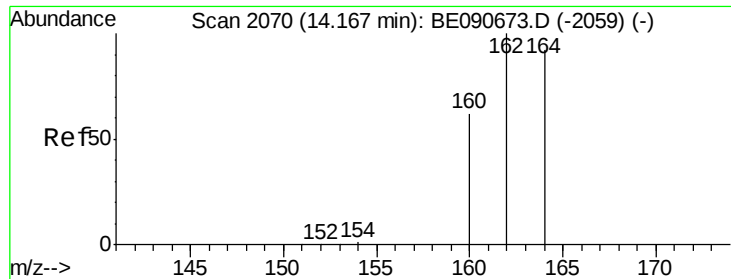
50

0

Time-->

8.76 8.78 8.80





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.17 min Scan# 2070

Delta R.T. -0.00 min

Lab File: BE090769.D

Acq: 10 Sep 2015 19:57

Instrument :

BNA_E

ClientSampleId :

090815-D534-F-D-S

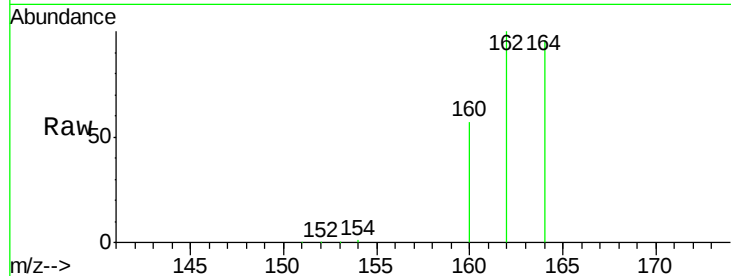
Tot Ion:164 Resp: 86521

Ion Ratio Lower Upper

164 100

162 104.5 86.8 130.2

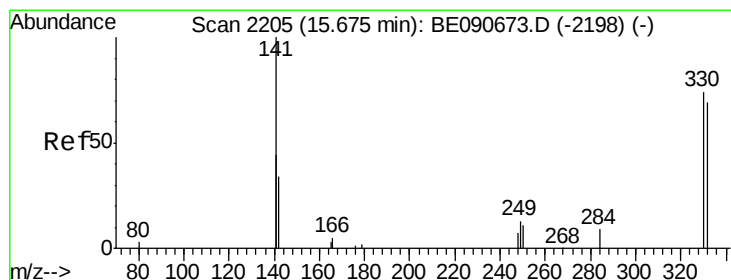
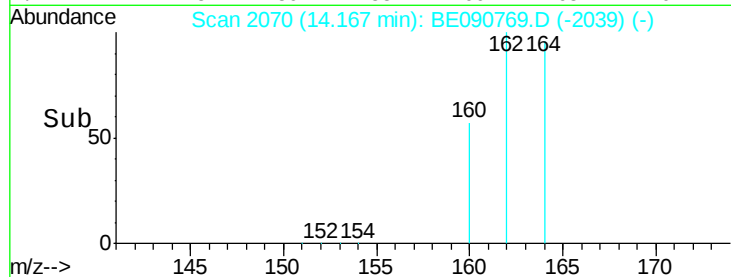
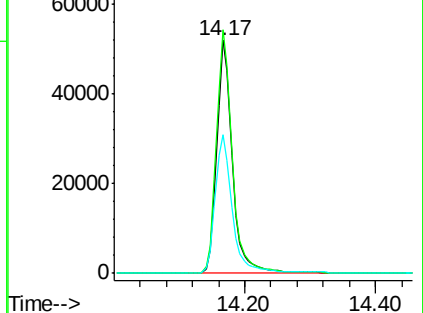
160 59.4 53.9 80.9



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: 8.59 ng

RT: 15.68 min Scan# 2205

Delta R.T. 0.00 min

Lab File: BE090769.D

Acq: 10 Sep 2015 19:57

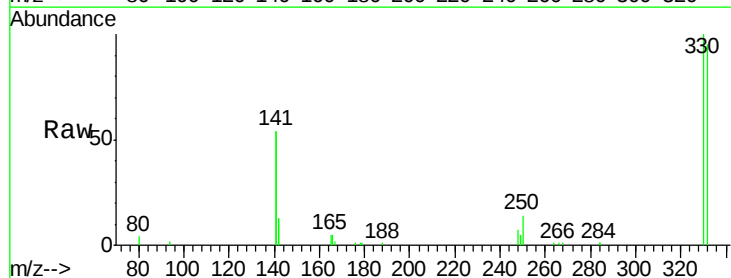
Tgt Ion:330 Resp: 21854

Ion Ratio Lower Upper

330 100

332 96.7 74.9 112.3

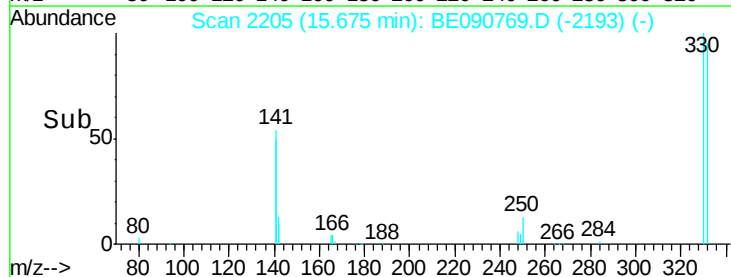
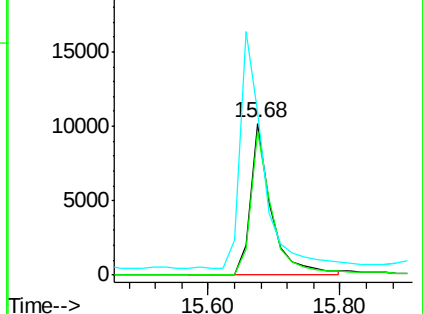
141 177.5 145.2 217.8



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

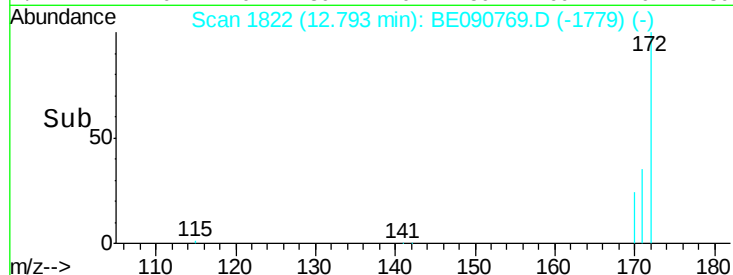
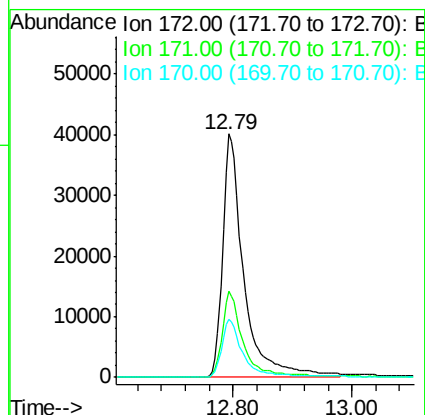
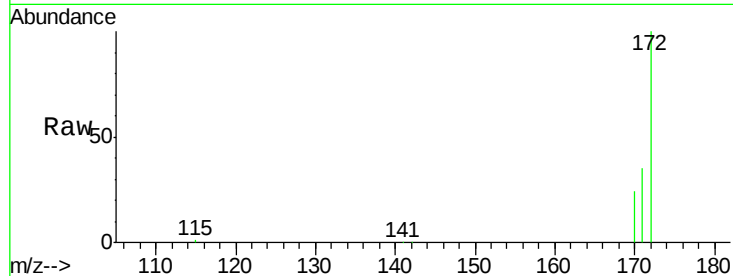




#14
2-Fluorobiphenyl
Concen: 4.14 ng
RT: 12.79 min Scan# 1822
Delta R.T. -0.00 min
Lab File: BE090769.D
Acq: 10 Sep 2015 19:57

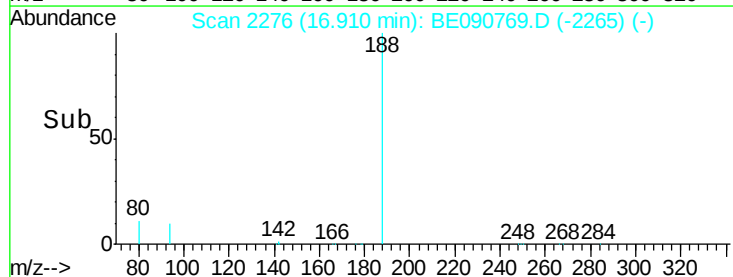
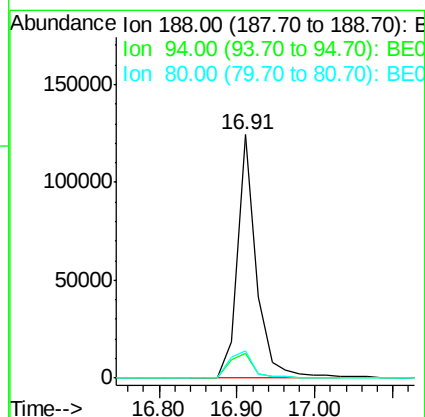
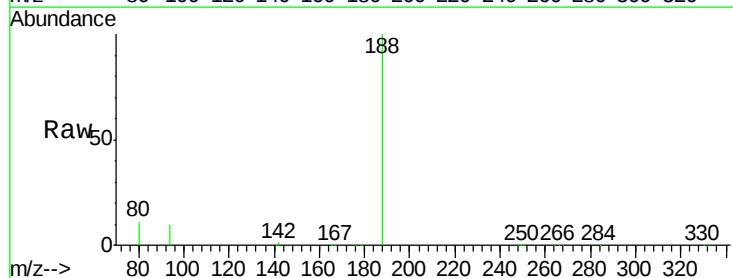
Instrument :
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Tot Ion:172 Resp: 99299
Ion Ratio Lower Upper
172 100
171 35.3 27.8 41.8
170 24.0 19.8 29.6



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2276
Delta R.T. 0.00 min
Lab File: BE090769.D
Acq: 10 Sep 2015 19:57

Tgt Ion:188 Resp: 211969
Ion Ratio Lower Upper
188 100
94 10.3 10.3 15.5#
80 11.4 11.0 16.6





#20

Hexachlorobenzene

Concen: Below Cal

RT: 16.23 min Scan# 2237

Delta R.T. 0.00 min

Lab File: BE090769.D

Acq: 10 Sep 2015 19:57

Instrument :

BNA_E

ClientSampleId :

090815-D534-F-D-S

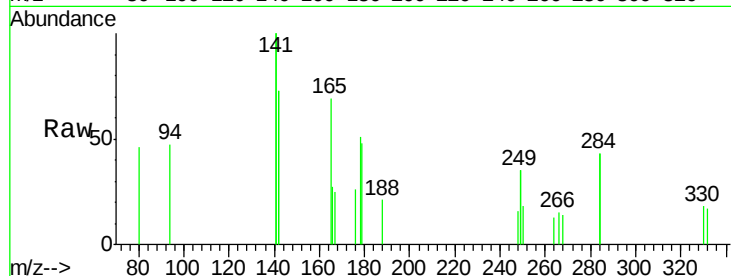
Tot Ion:284 Resp: 234

Ion Ratio Lower Upper

284 100

142 256.0 35.0 52.4#

249 88.5 25.5 38.3#

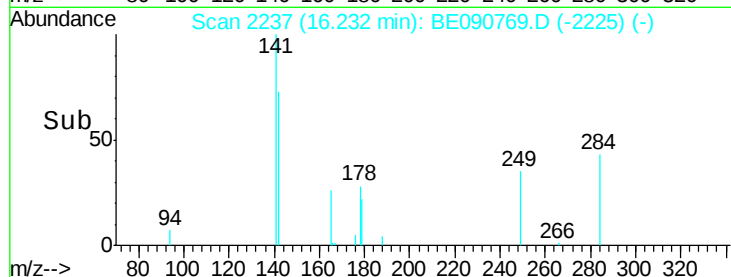


Abundance Ion 283.80 (283.50 to 284.50): E

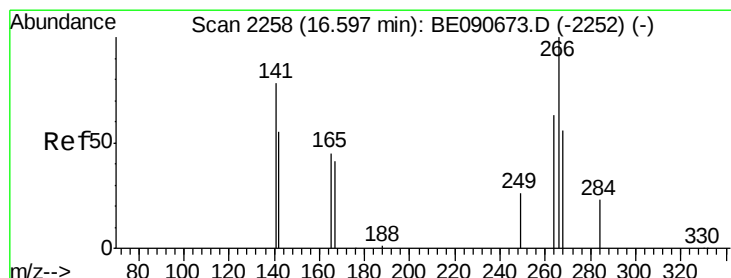
Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

Time-->



Time-->



#21

Pentachlorophenol

Concen: 0.47 ng

RT: 16.60 min Scan# 2258

Delta R.T. 0.00 min

Lab File: BE090769.D

Acq: 10 Sep 2015 19:57

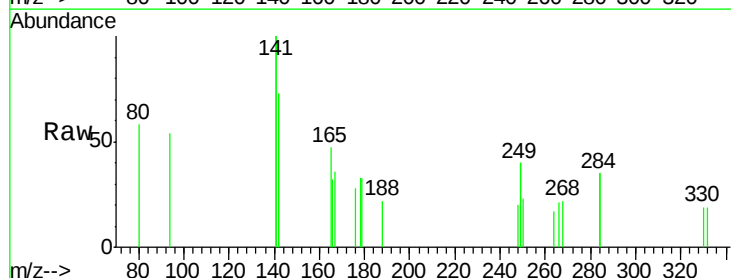
Tgt Ion:266 Resp: 44

Ion Ratio Lower Upper

266 100

268 103.2 49.6 74.4#

264 82.5 53.9 80.9#

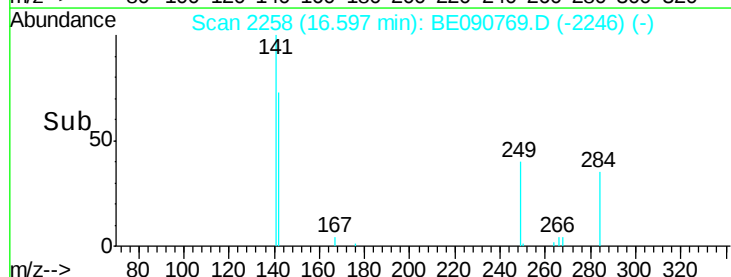


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

Time-->



Time-->



#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.07 min Scan# 2862

Delta R.T. -0.00 min

Lab File: BE090769.D

Acq: 10 Sep 2015 19:57

Instrument :

BNA_E

ClientSampleId :

090815-D534-F-D-S

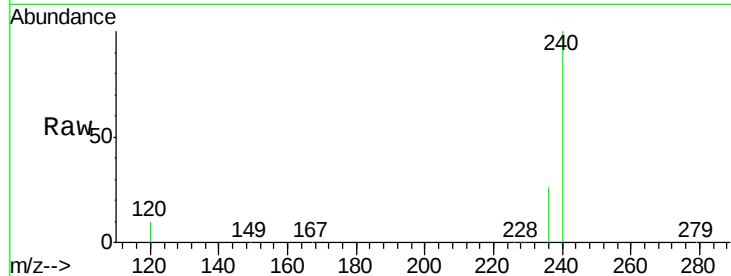
Tot Ion:240 Resp: 256052

Ion Ratio Lower Upper

240 100

120 10.4 10.1 15.1

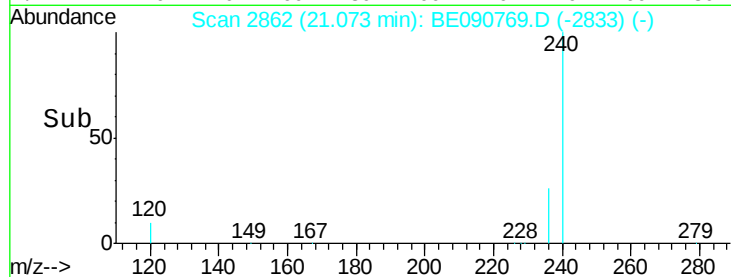
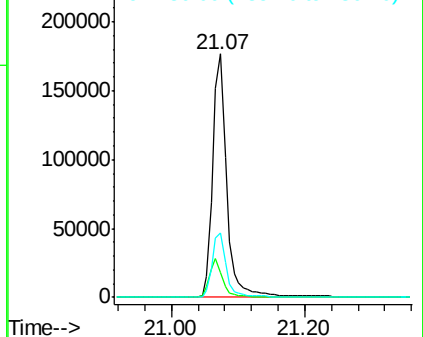
236 26.3 21.9 32.9



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: 6.29 ng

RT: 19.53 min Scan# 2609

Delta R.T. -0.01 min

Lab File: BE090769.D

Acq: 10 Sep 2015 19:57

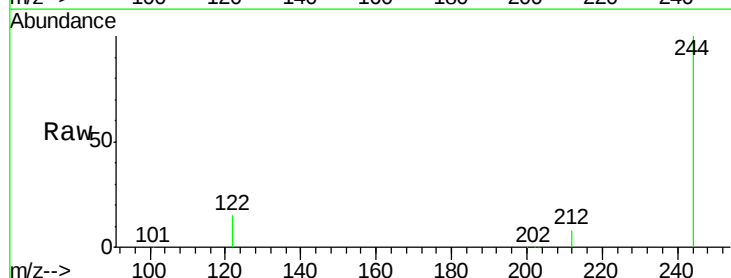
Tgt Ion:244 Resp: 178129

Ion Ratio Lower Upper

244 100

212 8.3 6.9 10.3

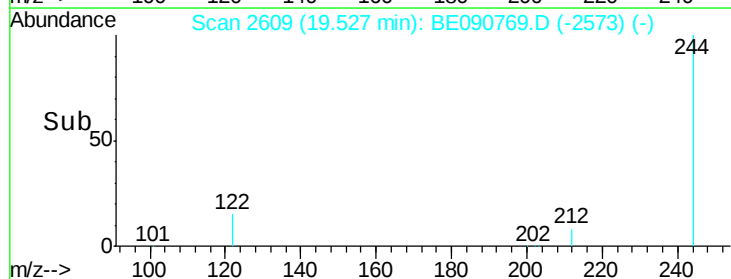
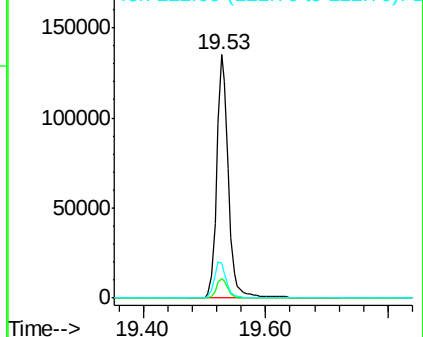
122 14.6 12.9 19.3



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

Chrvsene

Concen: Below Cal

RT: 21.11 min Scan# 2867

Delta R.T. 0.00 min

Lab File: BE090769.D

Acq: 10 Sep 2015 19:57

Instrument :

BNA_E

ClientSampleId :

090815-D534-F-D-S

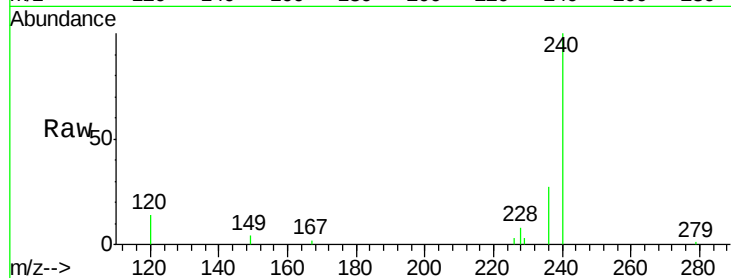
Tot Ion:228 Resp: 734

Ion Ratio Lower Upper

228 100

226 36.8 24.2 36.4#

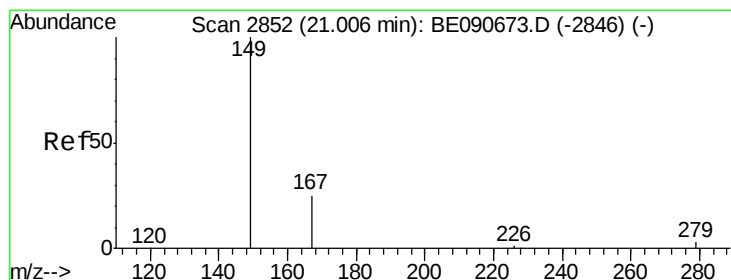
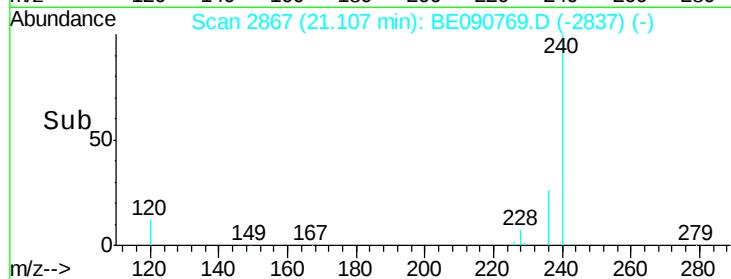
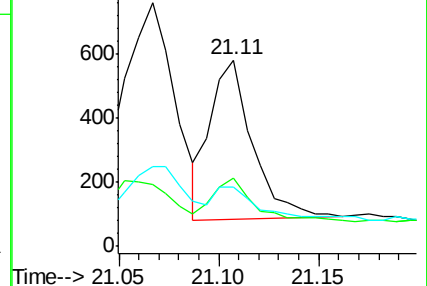
229 31.6 15.3 22.9#



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: 0.18 ng

RT: 21.00 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BE090769.D

Acq: 10 Sep 2015 19:57

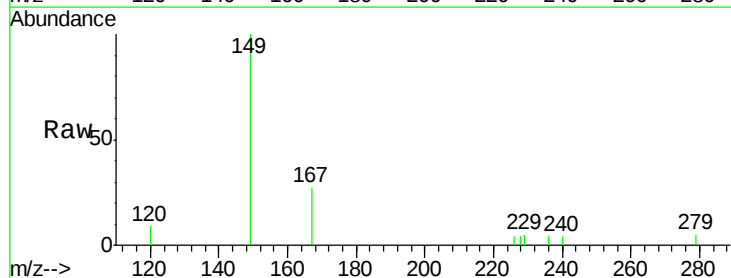
Tgt Ion:149 Resp: 1668

Ion Ratio Lower Upper

149 100

167 23.9 20.1 30.1

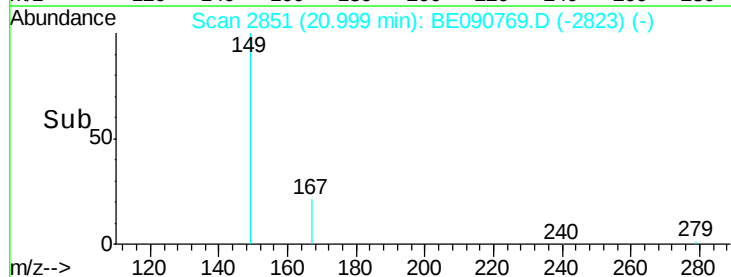
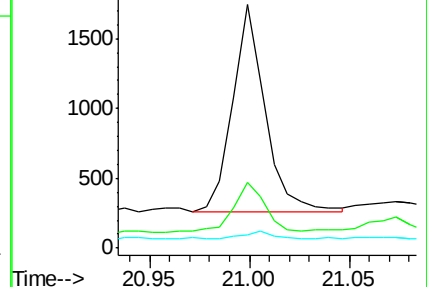
279 4.0 2.3 3.5#



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

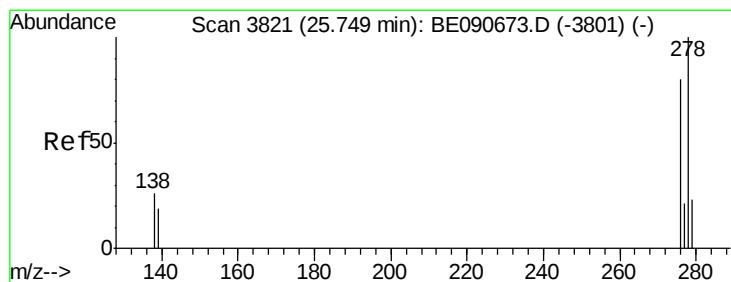
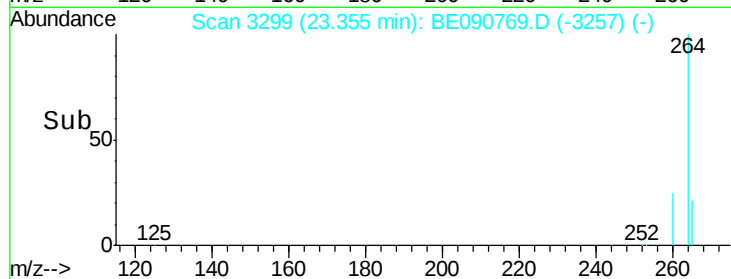
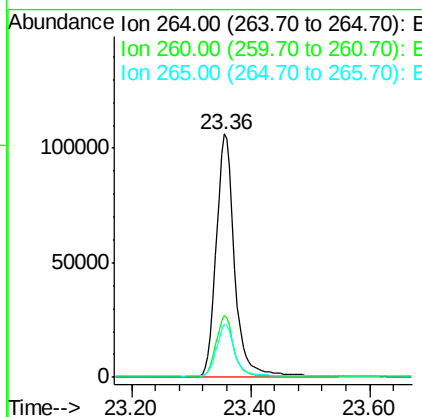




#32
Pervlene-d12
Concen: 5.00 ng
RT: 23.36 min Scan# 3299
Delta R.T. -0.01 min
Lab File: BE090769.D
Acq: 10 Sep 2015 19:57

Instrument :
BNA_E
ClientSampleId :
090815-D534-F-D-S

Tot Ion:264 Resp: 231675
Ion Ratio Lower Upper
264 100
260 25.4 19.7 29.5
265 21.7 17.5 26.3



#36
Dibenzo(a,h)anthracene
Concen: 0.14 ng
RT: 25.75 min Scan# 3822
Delta R.T. 0.01 min
Lab File: BE090769.D
Acq: 10 Sep 2015 19:57

Tgt Ion:278 Resp: 287
Ion Ratio Lower Upper
278 100
139 79.9 15.4 23.0#
279 68.8 18.8 28.2#

