

Data Path : Z:\HPCHEM1\BNA E\DATA\BE091015\
 Data File : BE090766.D
 Acq On : 10 Sep 2015 18:07
 Operator : UM/IZ
 Sample : G3598-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 090515-D534-F-D-S

Quant Time: Sep 11 02:52:58 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	41468	5.00	ng	0.00
6) Naphthalene-d8	10.31	136	183914	5.00	ng	0.00
12) Acenaphthene-d10	14.17	164	93978	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	228761	5.00	ng	0.00
25) Chrysene-d12	21.07	240	286737	5.00	ng	0.00
32) Perylene-d12	23.36	264	260217	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.18	112	29207	3.62	ng	0.00
5) Phenol-d6	6.75	99	25137	2.18	ng	0.00
7) Nitrobenzene-d5	8.71	82	48077	3.96	ng	0.00
13) 2,4,6-Tribromophenol	15.68	330	23825	8.62	ng	0.00
14) 2-Fluorobiphenyl	12.79	172	106377	4.09	ng	0.00
27) Terphenyl-d14	19.53	244	187302	5.90	ng	0.00

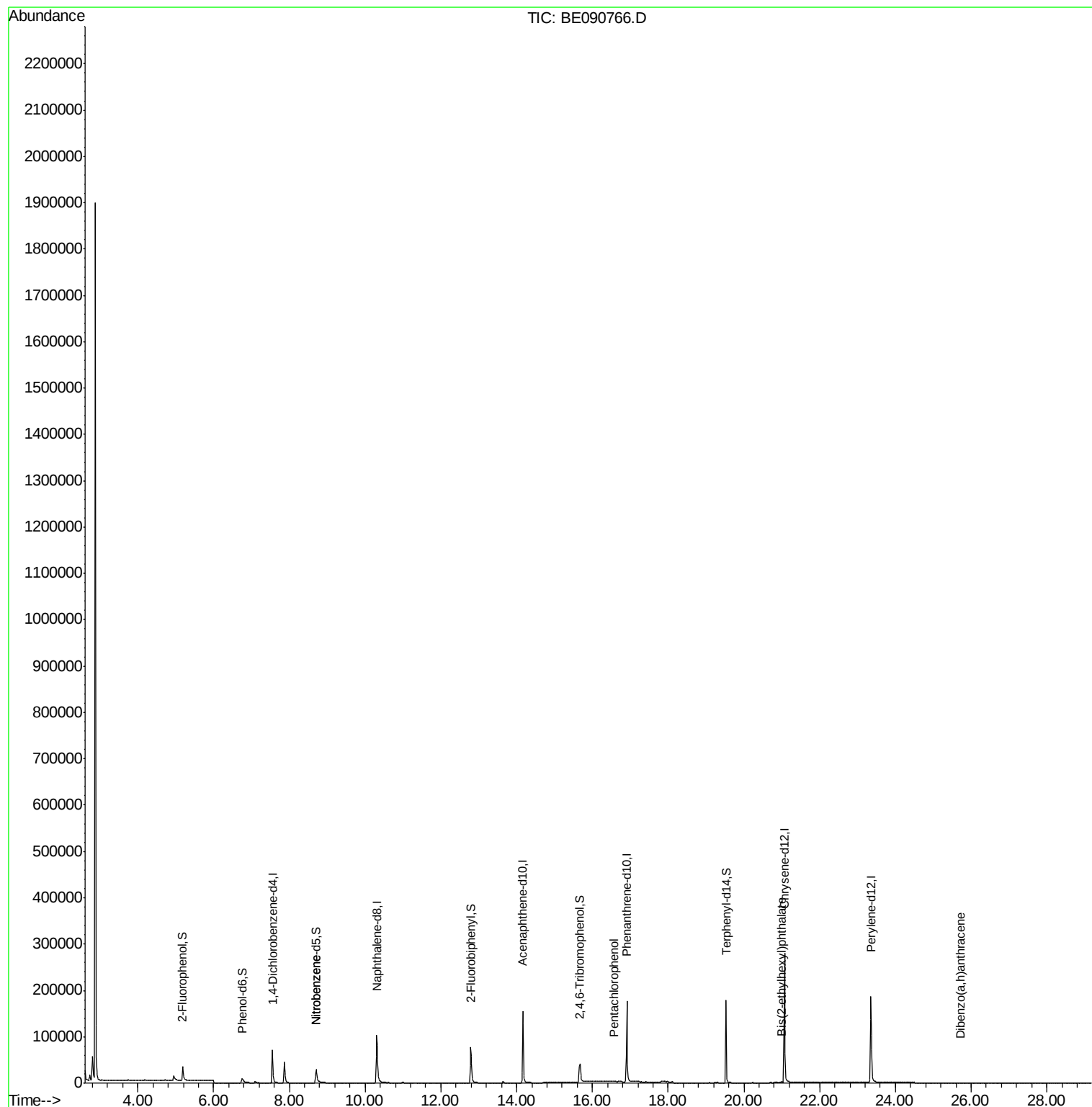
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.24	88	173	Below Cal	#	27
3) n-Nitrosodimethylamine	3.45	42	33	Below Cal	#	6
8) Nitrobenzene	8.71	77	80	0.11 ng	#	63
20) Hexachlorobenzene	16.23	284	132	Below Cal	#	1
21) Pentachlorophenol	16.58	266	32	0.47 ng	#	70
29) Chrysene	21.11	228	304	Below Cal	#	50
30) Bis(2-ethylhexyl)phthalate	21.00	149	4059	0.31 ng	#	90
36) Dibenzo(a,h)anthracene	25.73	278	26	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. -0.01 min

Lab File: BE090766.D

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Instrument :

BNA_E

ClientSampleId :

090515-D534-F-D-S

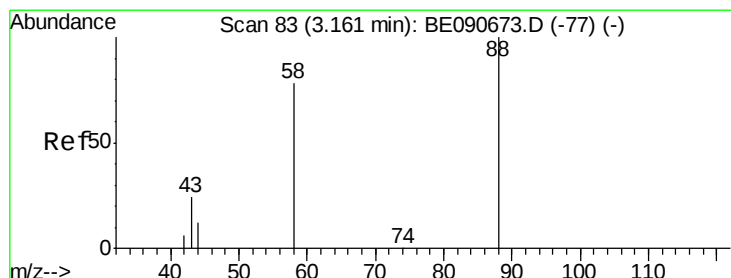
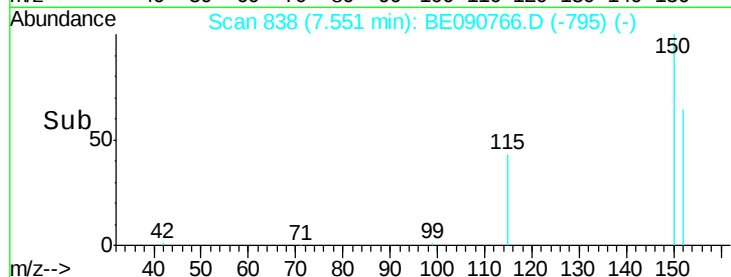
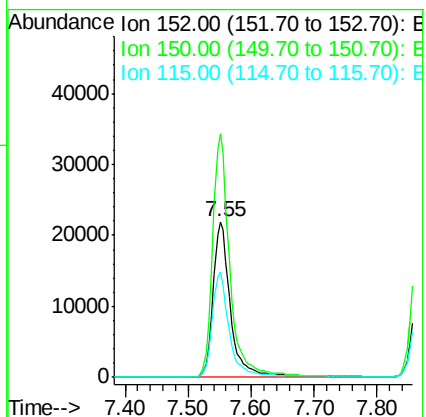
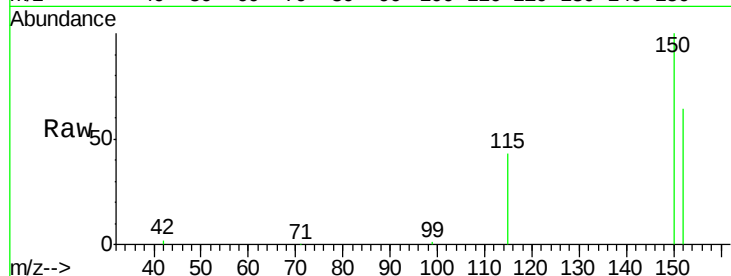
Tot Ion:152 Resp: 41468

Ion Ratio Lower Upper

152 100

150 156.2 122.2 183.4

115 67.4 51.0 76.4



#2

1,4-Dioxane

Concen: Below Cal

RT: 3.24 min Scan# 94

Delta R.T. 0.07 min

Lab File: BE090766.D

Acq: 10 Sep 2015 18:07

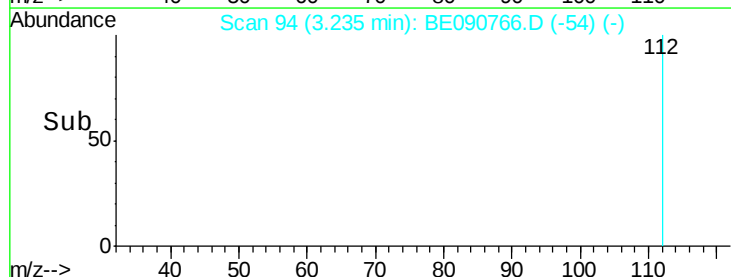
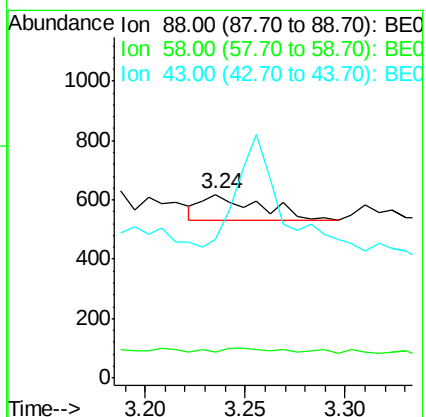
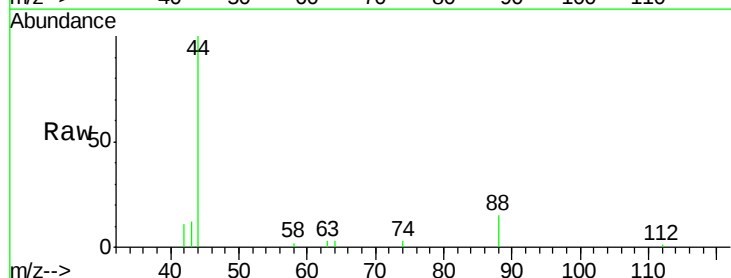
Tgt Ion: 88 Resp: 173

Ion Ratio Lower Upper

88 100

58 13.3 68.4 102.6#

43 0.0 26.9 40.3#



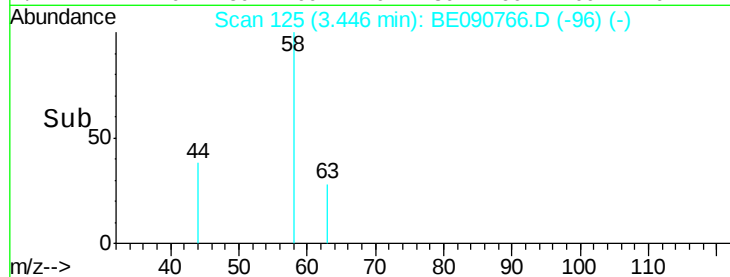
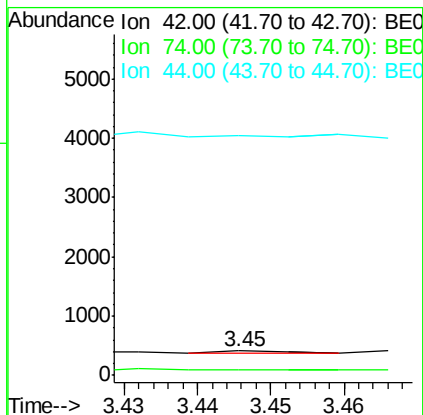
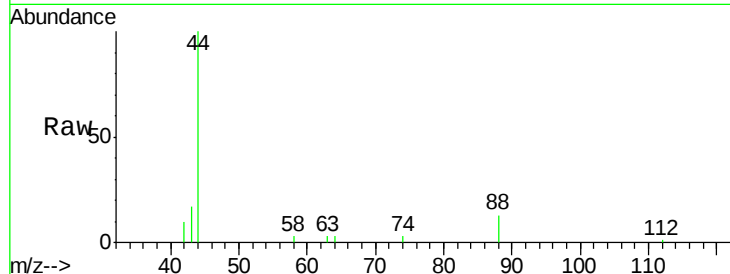


#3

n-Nitrosodimethylamine
 Concen: Below Cal
 RT: 3.45 min Scan# 125
 Delta R.T. -0.01 min
 Lab File: BE090766.D
 Acq: 10 Sep 2015 18:07

Instrument :
 BNA_E
 ClientSampleId :
 090515-D534-F-D-S

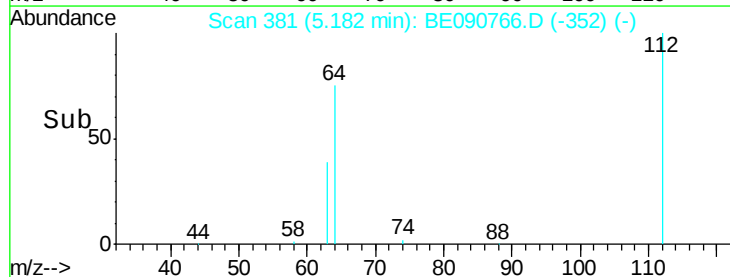
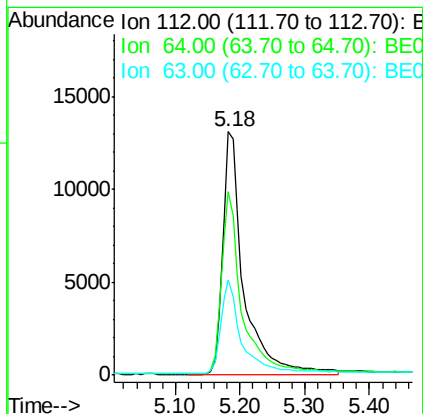
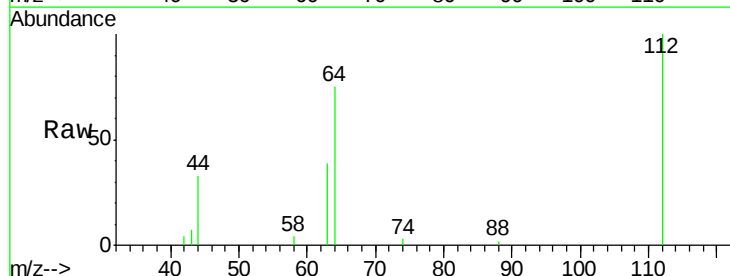
Tot Ion: 42 Resp: 33
 Ion Ratio Lower Upper
 42 100
 74 0.0 83.7 125.5#
 44 0.0 10.0 15.0#



#4

2-Fluorophenol
 Concen: 3.62 ng
 RT: 5.18 min Scan# 381
 Delta R.T. -0.01 min
 Lab File: BE090766.D
 Acq: 10 Sep 2015 18:07

Tgt Ion: 112 Resp: 29207
 Ion Ratio Lower Upper
 112 100
 64 72.0 57.3 85.9
 63 37.8 29.2 43.8





#5

Phenol-d6

Concen: 2.18 ng

RT: 6.75 min Scan# 662

Delta R.T. -0.00 min

Lab File: BE090766.D

Acq: 10 Sep 2015 18:07

Instrument :

BNA_E

ClientSampleId :

090515-D534-F-D-S

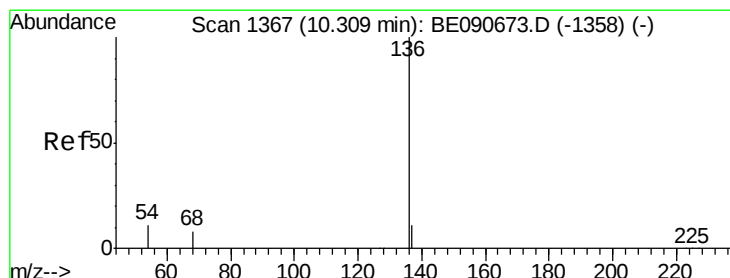
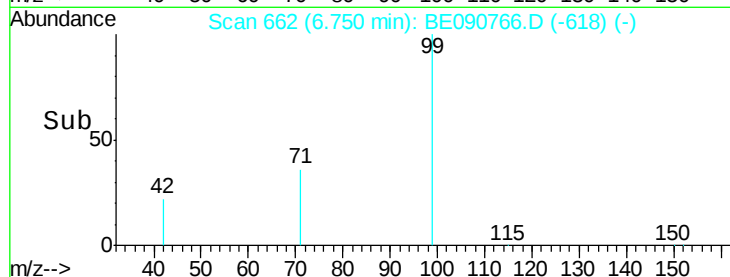
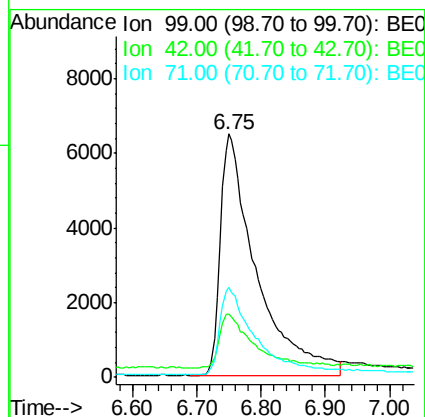
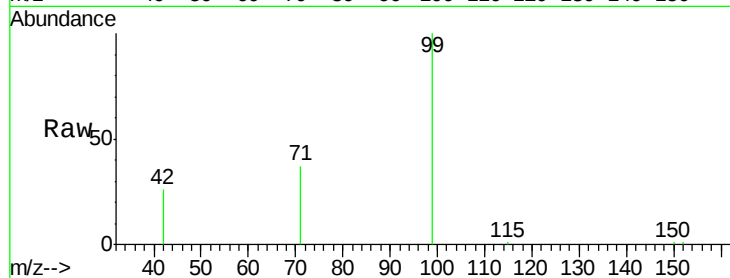
Tot Ion: 99 Resp: 25137

Ion Ratio Lower Upper

99 100

42 21.8 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: BE090766.D

Acq: 10 Sep 2015 18:07

Tgt Ion: 136 Resp: 183914

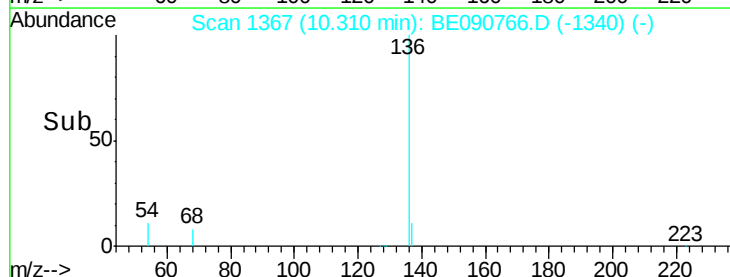
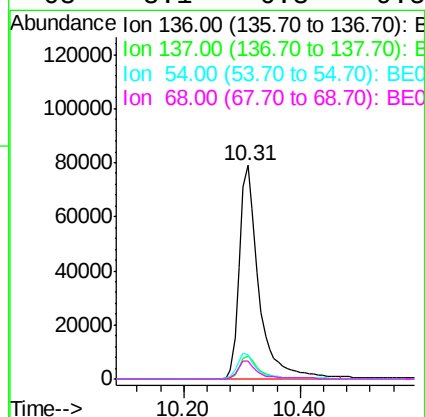
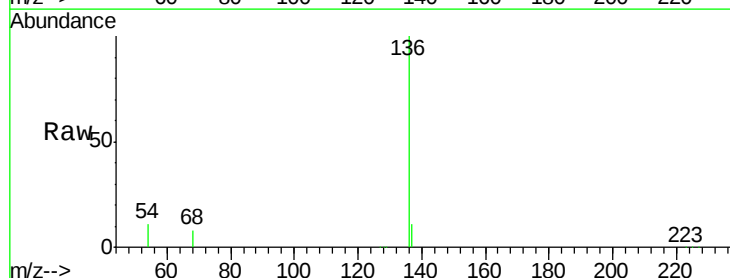
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 11.2 9.0 13.6

68 8.1 6.3 9.5





#7

Nitrobenzene-d5

Concen: 3.96 ng

RT: 8.71 min Scan# 1088

Delta R.T. 0.00 min

Lab File: BE090766.D

Acq: 10 Sep 2015 18:07

Instrument :

BNA_E

ClientSampleId :

090515-D534-F-D-S

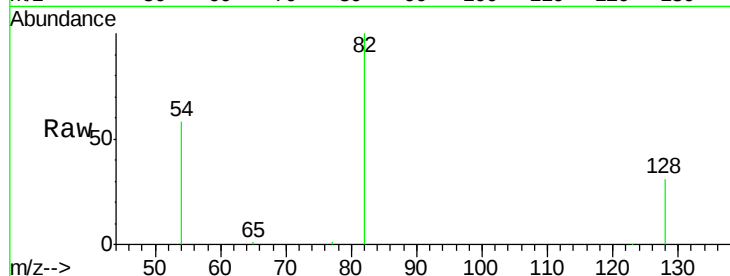
Tot Ion: 82 Resp: 48077

Ion Ratio Lower Upper

82 100

128 30.7 25.0 37.4

54 58.3 46.3 69.5

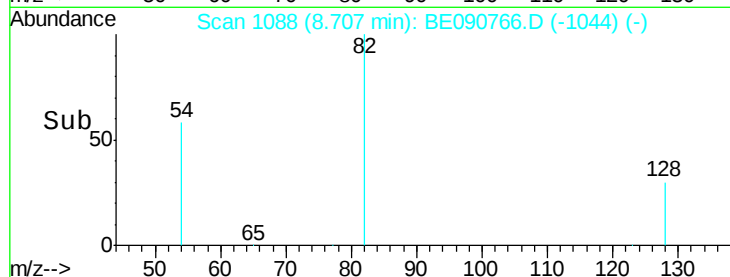


Abundance Ion 82.00 (81.70 to 82.70): BE090766.D (-1078) (-)

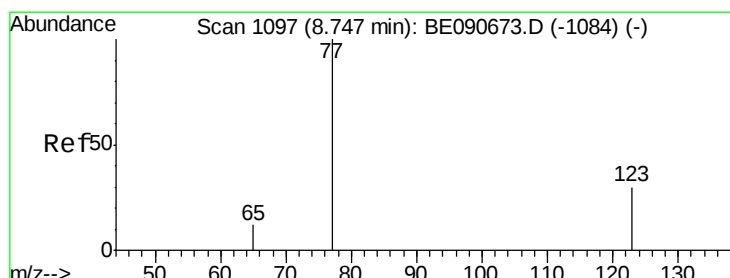
Ion 128.00 (127.70 to 128.70): BE090766.D (-1078) (-)

Ion 54.00 (53.70 to 54.70): BE090766.D (-1078) (-)

Time-->



Time-->



#8

Nitrobenzene

Concen: 0.11 ng

RT: 8.71 min Scan# 1088

Delta R.T. -0.04 min

Lab File: BE090766.D

Acq: 10 Sep 2015 18:07

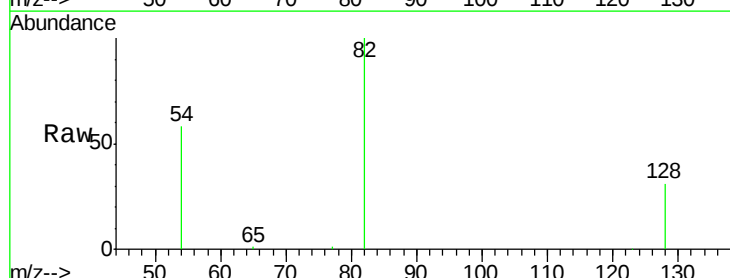
Tgt Ion: 77 Resp: 80

Ion Ratio Lower Upper

77 100

123 10.0 25.1 37.7#

65 0.0 9.9 14.9#

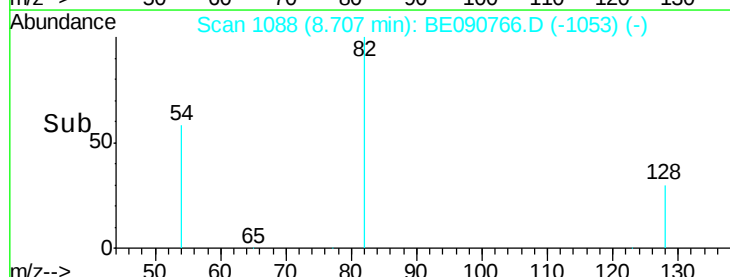


Abundance Ion 77.00 (76.70 to 77.70): BE090766.D (-1084) (-)

Ion 123.00 (122.70 to 123.70): BE090766.D (-1084) (-)

Ion 65.00 (64.70 to 65.70): BE090766.D (-1084) (-)

Time-->



Time-->



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.17 min Scan# 2070

Delta R.T. -0.00 min

Lab File: BE090766.D

Acq: 10 Sep 2015 18:07

Instrument :

BNA_E

ClientSampleId :

090515-D534-F-D-S

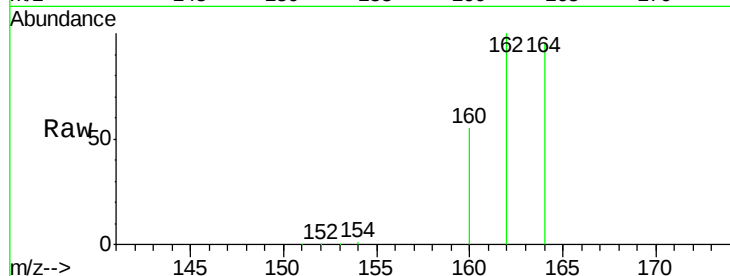
Tot Ion:164 Resp: 93978

Ion Ratio Lower Upper

164 100

162 105.7 86.8 130.2

160 58.5 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

80000

60000

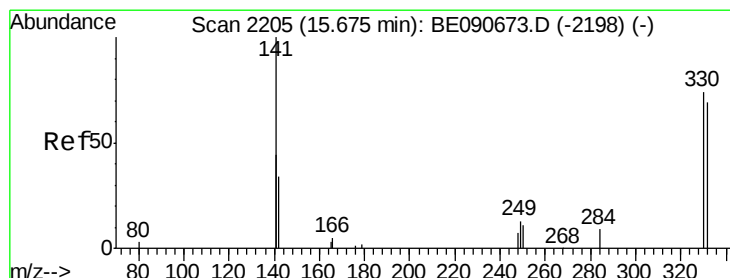
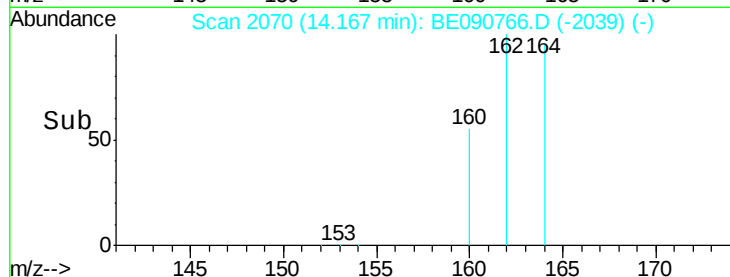
40000

20000

0

14.10 14.20 14.30 14.40

Time-->



#13

2,4,6-Tribromophenol

Concen: 8.62 ng

RT: 15.68 min Scan# 2205

Delta R.T. 0.00 min

Lab File: BE090766.D

Acq: 10 Sep 2015 18:07

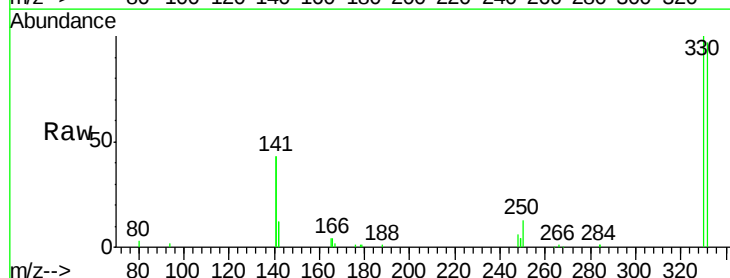
Tgt Ion:330 Resp: 23825

Ion Ratio Lower Upper

330 100

332 96.4 74.9 112.3

141 175.0 145.2 217.8



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

25000

20000

15000

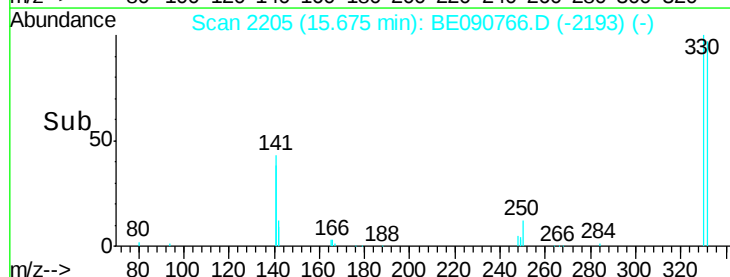
10000

5000

0

15.60 15.68 15.76

Time-->

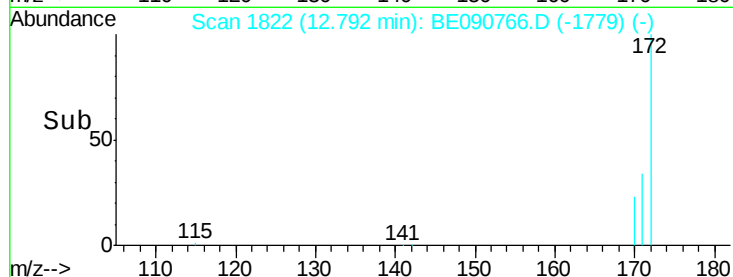
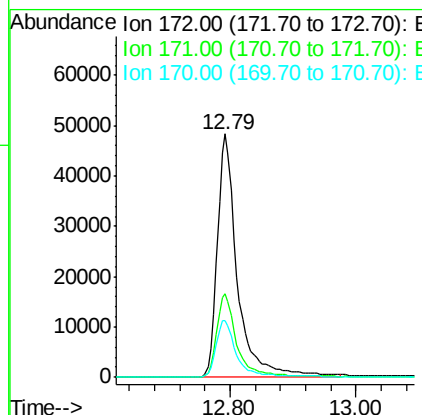
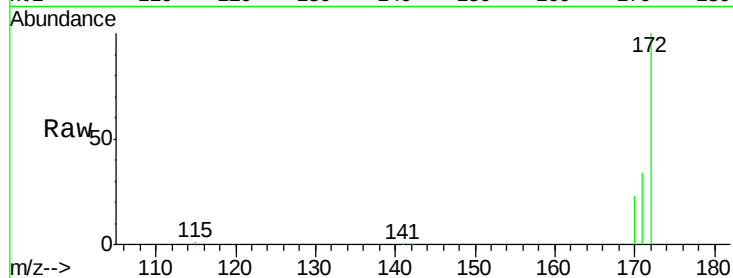




#14
2-Fluorobiphenyl
Concen: 4.09 ng
RT: 12.79 min Scan# 1822
Delta R.T. -0.00 min
Lab File: BE090766.D
Acq: 10 Sep 2015 18:07

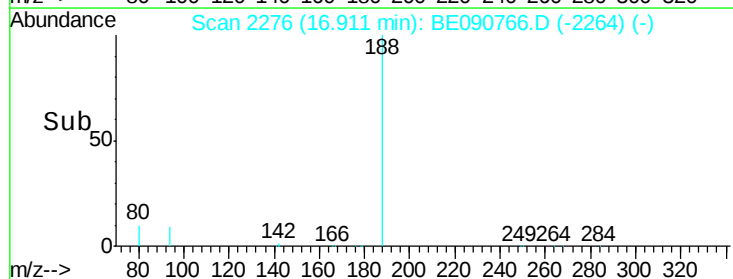
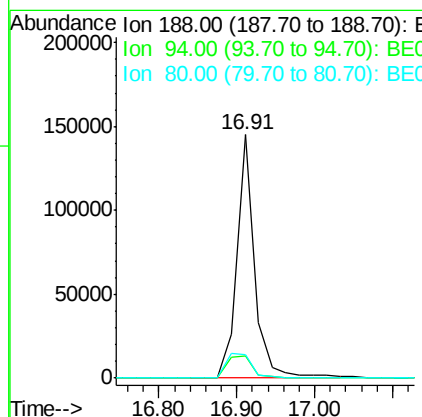
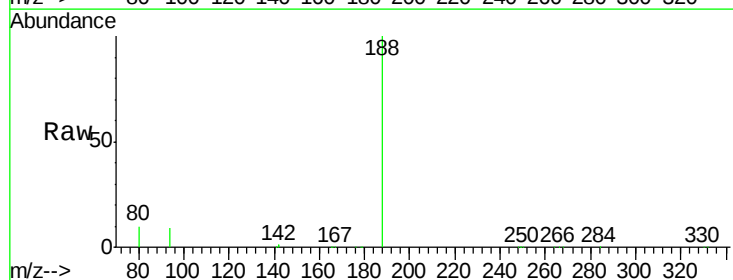
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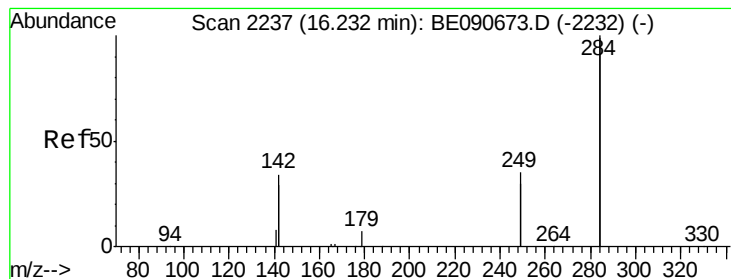
Tot Ion:172 Resp: 106377
Ion Ratio Lower Upper
172 100
171 34.4 27.8 41.8
170 23.5 19.8 29.6



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2276
Delta R.T. 0.00 min
Lab File: BE090766.D
Acq: 10 Sep 2015 18:07

Tgt Ion:188 Resp: 228761
Ion Ratio Lower Upper
188 100
94 9.2 10.3 15.5#
80 9.8 11.0 16.6#





#20

Hexachlorobenzene

Concen: Below Cal

RT: 16.23 min Scan# 2237

Delta R.T. 0.00 min

Lab File: BE090766.D

Acq: 10 Sep 2015 18:07

Instrument :

BNA_E

ClientSampleId :

090515-D534-F-D-S

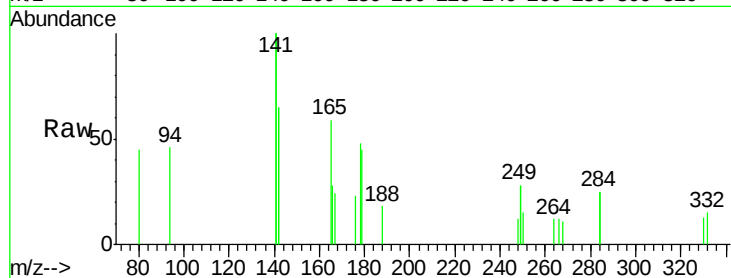
Tot Ion:284 Resp: 132

Ion Ratio Lower Upper

284 100

142 564.4 35.0 52.4#

249 42.4 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

800

600

400

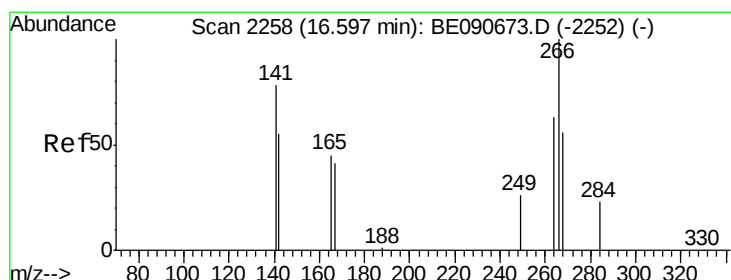
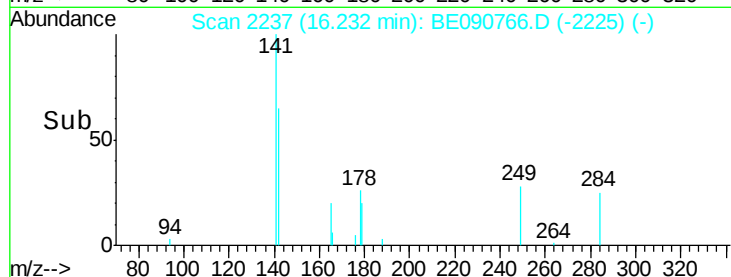
200

0

16.10 16.20 16.30

16.23

Time-->



#21

Pentachlorophenol

Concen: 0.47 ng

RT: 16.58 min Scan# 2257

Delta R.T. -0.02 min

Lab File: BE090766.D

Acq: 10 Sep 2015 18:07

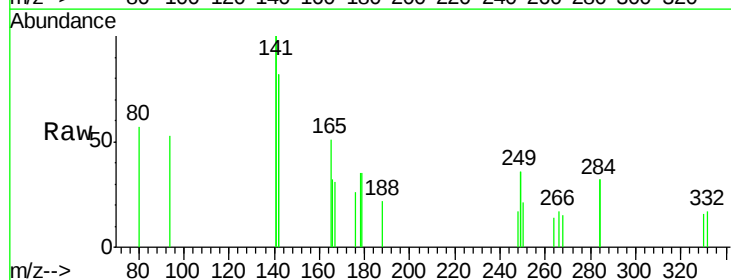
Tgt Ion:266 Resp: 32

Ion Ratio Lower Upper

266 100

268 91.2 49.6 74.4#

264 86.0 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

80

60

40

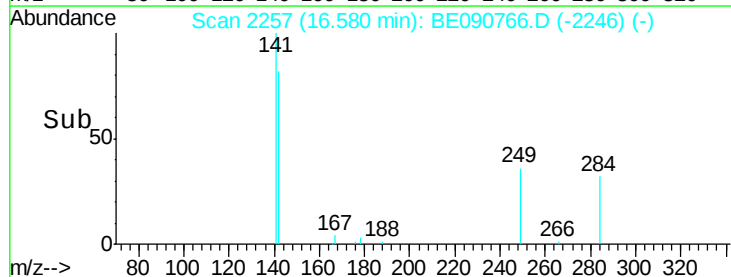
20

0

16.55 16.60 16.65

16.58

Time-->





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.07 min Scan# 2861

Delta R.T. -0.00 min

Lab File: BE090766.D

Acq: 10 Sep 2015 18:07

Instrument :

BNA_E

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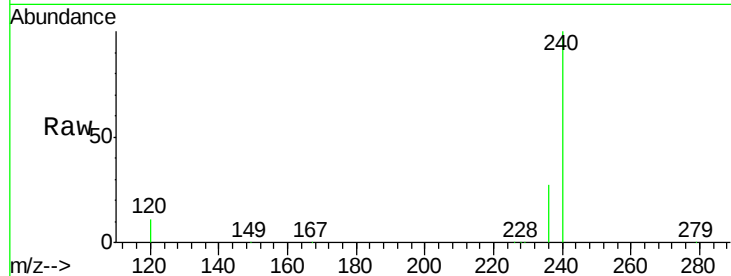
Tot Ion:240 Resp: 286737

Ion Ratio Lower Upper

240 100

120 11.0 10.1 15.1

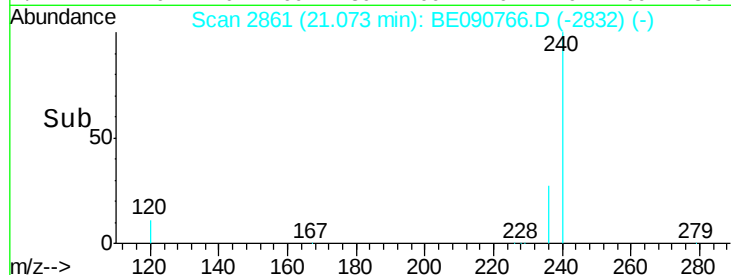
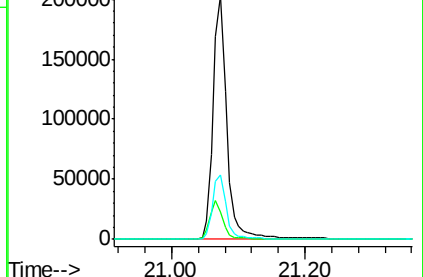
236 26.6 21.9 32.9



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: 5.90 ng

RT: 19.53 min Scan# 2609

Delta R.T. -0.01 min

Lab File: BE090766.D

Acq: 10 Sep 2015 18:07

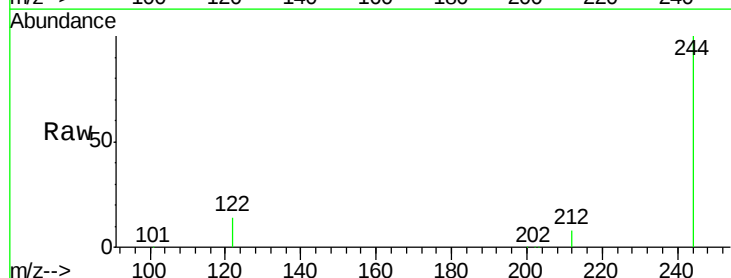
Tgt Ion:244 Resp: 187302

Ion Ratio Lower Upper

244 100

212 8.2 6.9 10.3

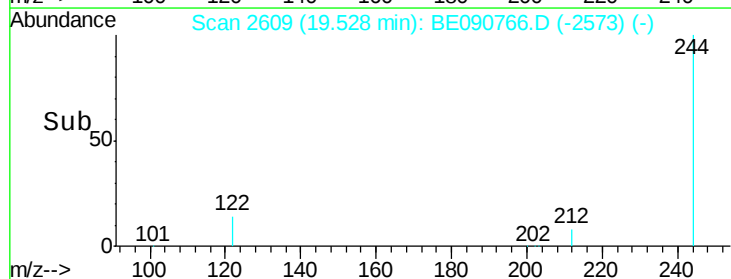
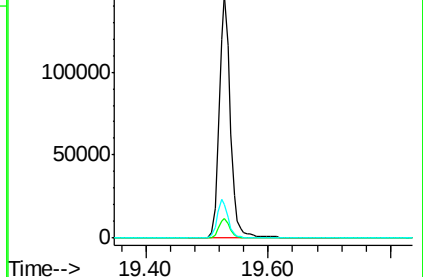
122 13.7 12.9 19.3

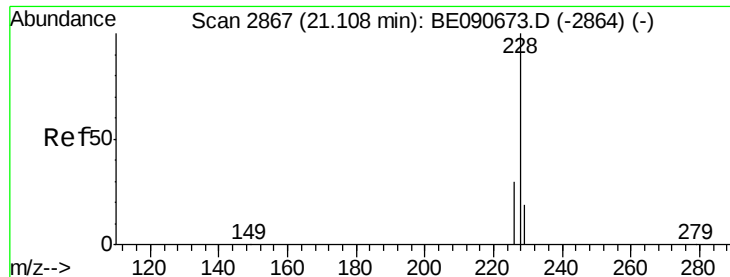


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#29

Chrysene

Concen: Below Cal

RT: 21.11 min Scan# 2866

Delta R.T. -0.00 min

Lab File: BE090766.D

Acq: 10 Sep 2015 18:07

Instrument :

BNA_E

ClientSampleId :

090515-D534-F-D-S

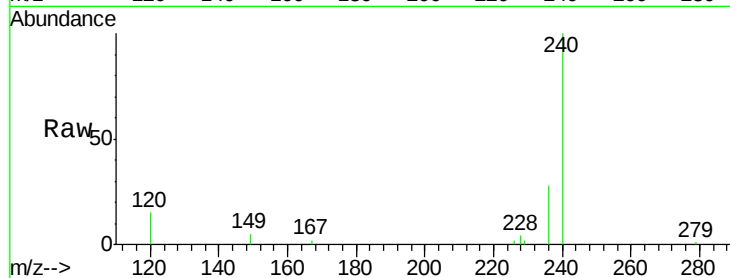
Tot Ion:228 Resp: 304

Ion Ratio Lower Upper

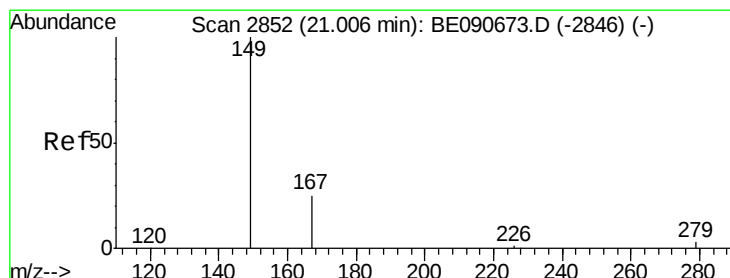
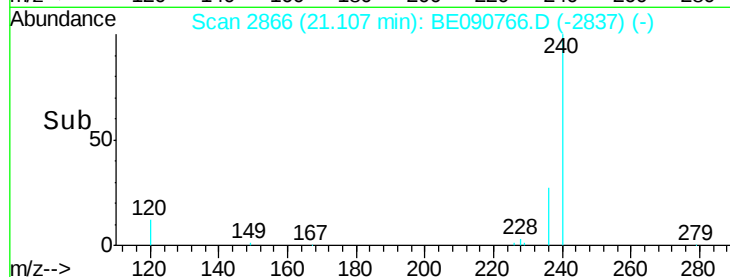
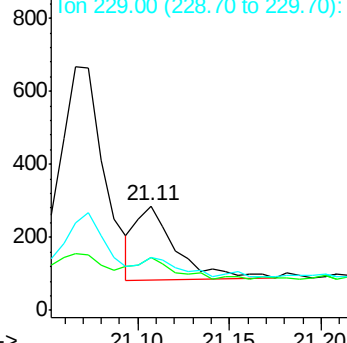
228 100

226 50.7 24.2 36.4#

229 51.0 15.3 22.9#



Abundance Ion 228.00 (227.70 to 228.70): E



#30

Bis(2-ethylhexyl)phthalate

Concen: 0.31 ng

RT: 21.00 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BE090766.D

Acq: 10 Sep 2015 18:07

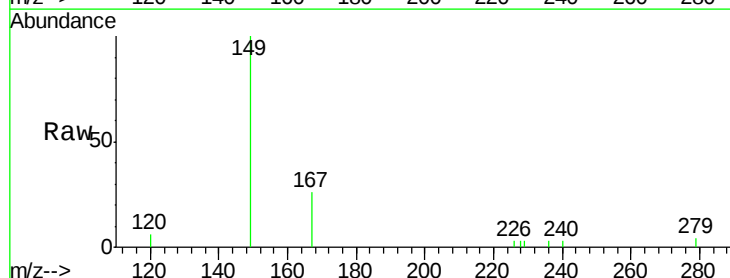
Tgt Ion:149 Resp: 4059

Ion Ratio Lower Upper

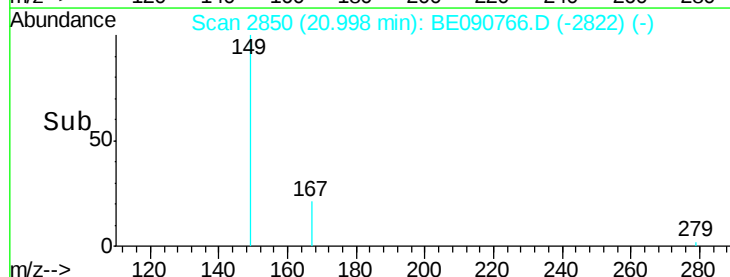
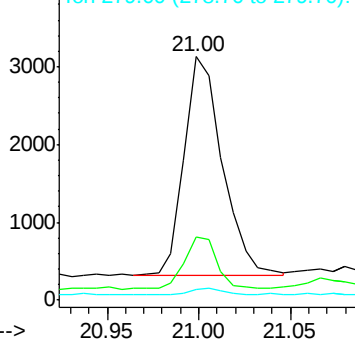
149 100

167 19.7 20.1 30.1#

279 2.5 2.3 3.5



Abundance Ion 149.00 (148.70 to 149.70): E

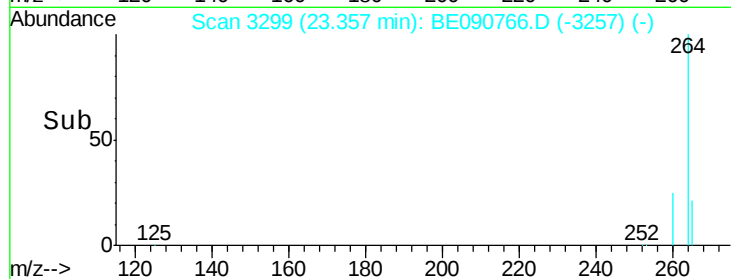
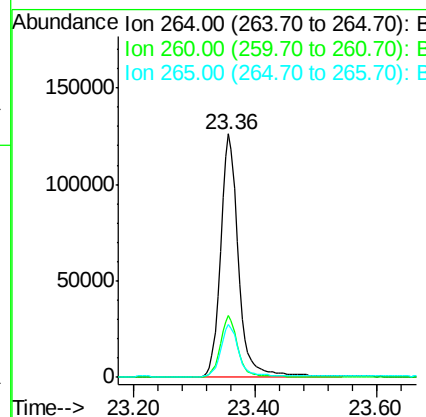




#32
 Pervlene-d12
 Concen: 5.00 ng
 RT: 23.36 min Scan# 3299
 Delta R.T. -0.01 min
 Lab File: BE090766.D
 Acq: 10 Sep 2015 18:07

Instrument :
 BNA_E
 ClientSampleId :
 090515-D534-F-D-S

Tot Ion:264 Resp: 260217
 Ion Ratio Lower Upper
 264 100
 260 25.2 19.7 29.5
 265 21.6 17.5 26.3



#36
 Dibenzo(a,h)anthracene
 Concen: 0.14 ng
 RT: 25.73 min Scan# 3817
 Delta R.T. -0.02 min
 Lab File: BE090766.D
 Acq: 10 Sep 2015 18:07

Tgt Ion:278 Resp: 26
 Ion Ratio Lower Upper
 278 100
 139 177.8 15.4 23.0#
 279 131.9 18.8 28.2#

