

Data Path : Z:\HPCHEM1\BNA E\DATA\BE091415\
 Data File : BE090811.D
 Acq On : 14 Sep 2015 22:42
 Operator : UM/IZ
 Sample : G3658-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 091215-D534-E-D-B

Quant Time: Sep 15 00:59:09 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	33079	5.00	ng	0.00
6) Naphthalene-d8	10.31	136	139523	5.00	ng	0.00
12) Acenaphthene-d10	14.17	164	72098	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	180587	5.00	ng	0.00
25) Chrysene-d12	21.07	240	223346	5.00	ng	0.00
32) Perylene-d12	23.36	264	210689	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.18	112	18941	2.95	ng	0.00
5) Phenol-d6	6.75	99	14590	1.58	ng	0.00
7) Nitrobenzene-d5	8.71	82	35395	3.84	ng	0.00
13) 2,4,6-Tribromophenol	15.68	330	14312	6.79	ng	0.00
14) 2-Fluorobiphenyl	12.79	172	85147	4.26	ng	0.00
27) Terphenyl-d14	19.53	244	148589	6.01	ng	-0.01

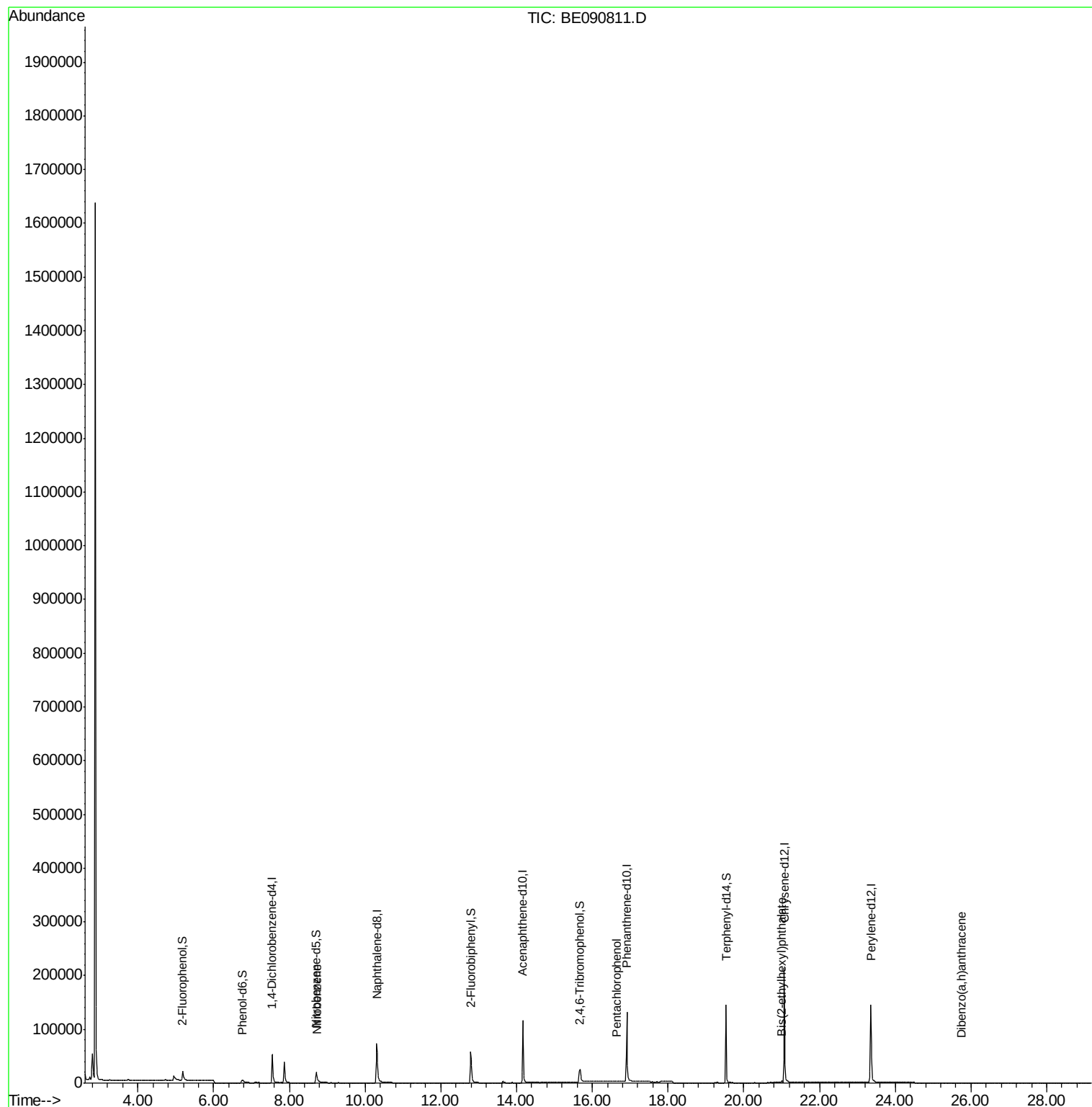
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.17	88	58	Below Cal	#	1
3) n-Nitrosodimethylamine	3.44	42	96	Below Cal	#	6
8) Nitrobenzene	8.75	77	27	0.11 ng	#	79
20) Hexachlorobenzene	16.25	284	90	Below Cal	#	22
21) Pentachlorophenol	16.63	266	52	0.48 ng	#	62
29) Chrysene	21.07	228	840	Below Cal	#	78
30) Bis(2-ethylhexyl)phthalate	21.00	149	3562	0.34 ng	#	99
36) Dibenzo(a,h)anthracene	25.75	278	40	0.14 ng	#	1

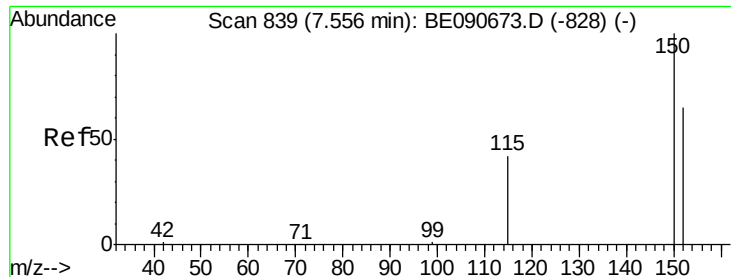
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 02 11:40:50 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.55 min Scan# 838

Delta R.T. -0.00 min

Lab File: BE090811.D

Acq: 14 Sep 2015 22:42

Instrument :

BNA_E

ClientSampleId :

091215-D534-E-D-B

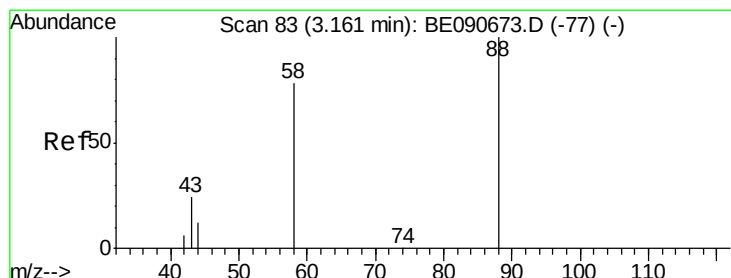
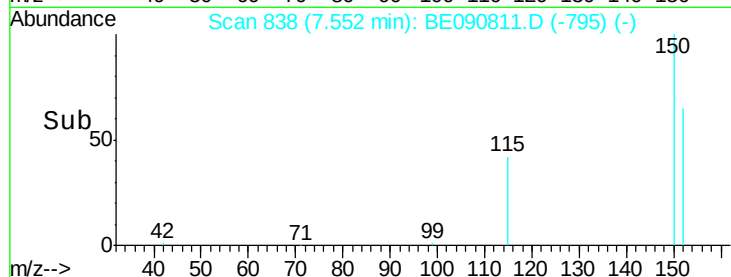
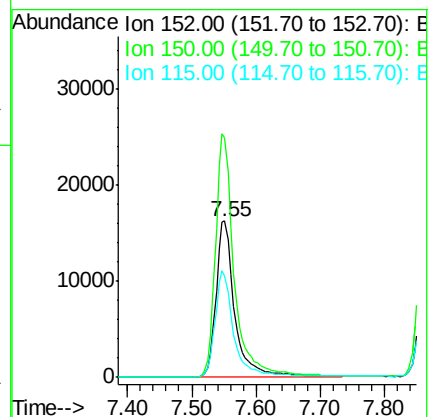
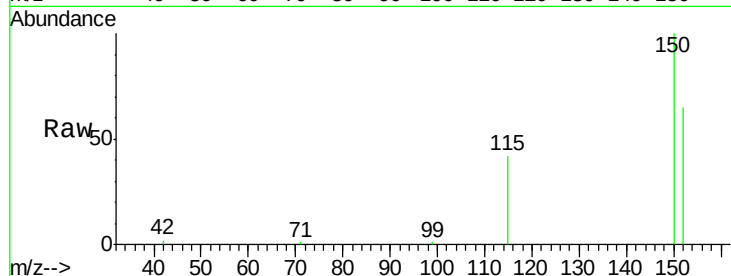
Tot Ion:152 Resp: 33079

Ion Ratio Lower Upper

152 100

150 153.2 122.2 183.4

115 65.0 51.0 76.4



#2

1,4-Dioxane

Concen: Below Cal

RT: 3.17 min Scan# 84

Delta R.T. 0.01 min

Lab File: BE090811.D

Acq: 14 Sep 2015 22:42

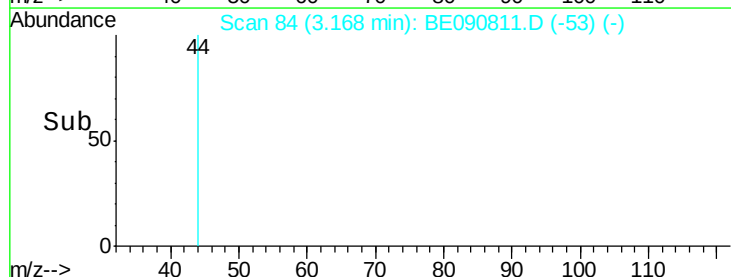
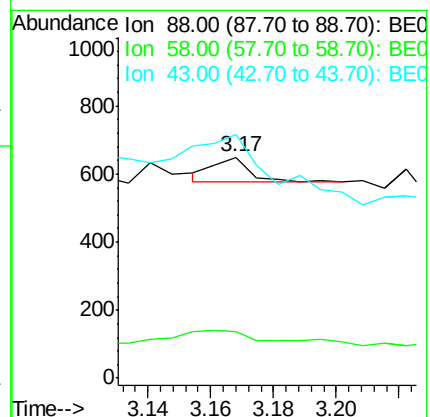
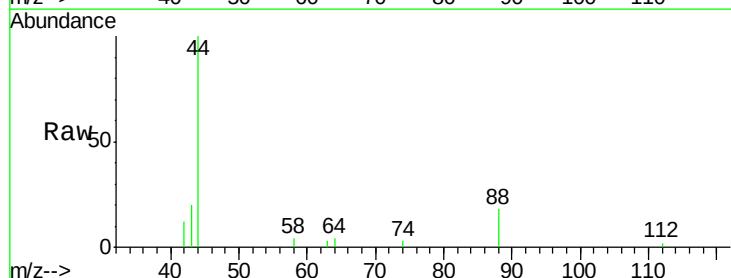
Tgt Ion: 88 Resp: 58

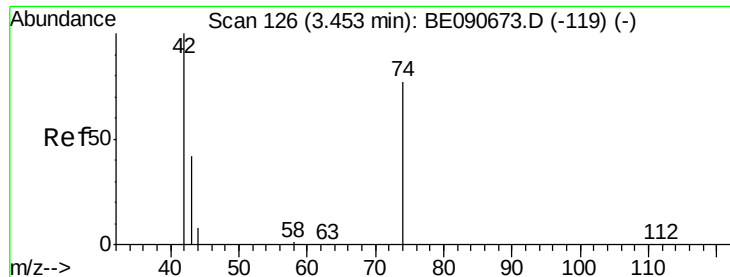
Ion Ratio Lower Upper

88 100

58 169.0 68.4 102.6#

43 1010.3 26.9 40.3#



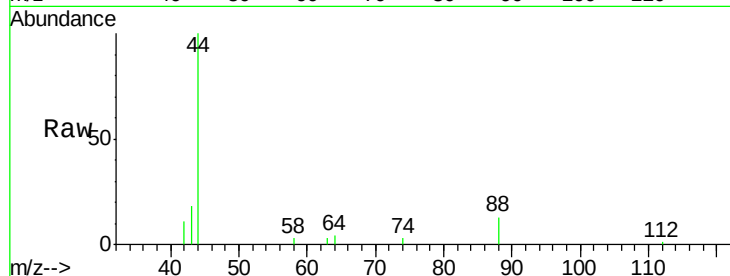


#3

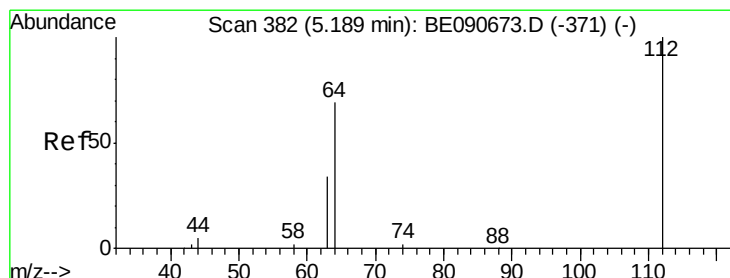
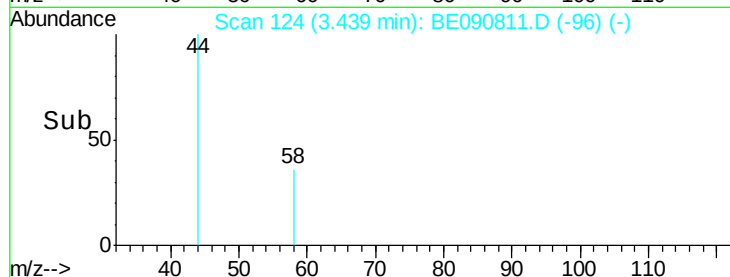
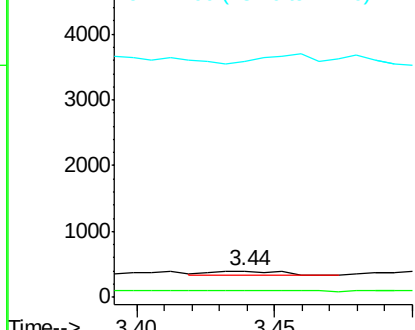
n-Nitrosodimethylamine
 Concen: Below Cal
 RT: 3.44 min Scan# 124
 Delta R.T. -0.01 min
 Lab File: BE090811.D
 Acq: 14 Sep 2015 22:42

Instrument :
 BNA_E
 ClientSampleId :
 091215-D534-E-D-B

Tot Ion: 42 Resp: 96
 Ion Ratio Lower Upper
 42 100
 74 0.0 83.7 125.5#
 44 0.0 10.0 15.0#



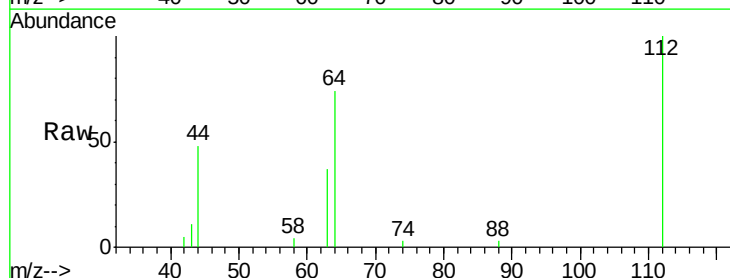
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



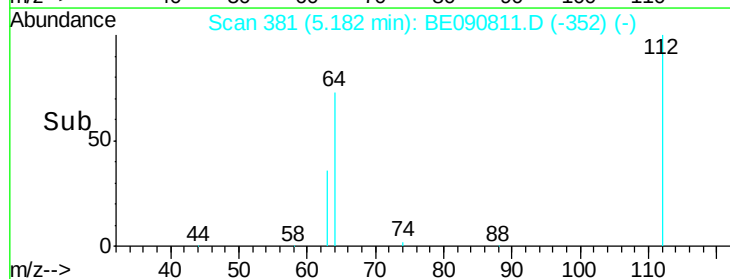
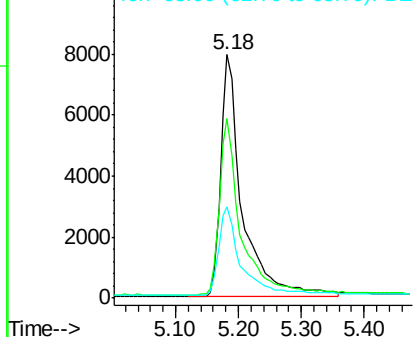
#4

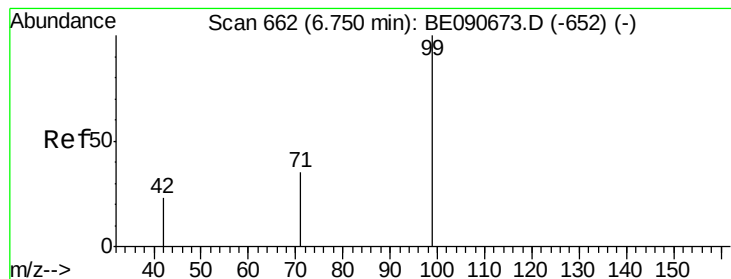
2-Fluorophenol
 Concen: 2.95 ng
 RT: 5.18 min Scan# 381
 Delta R.T. -0.01 min
 Lab File: BE090811.D
 Acq: 14 Sep 2015 22:42

Tgt Ion: 112 Resp: 18941
 Ion Ratio Lower Upper
 112 100
 64 72.8 57.3 85.9
 63 38.1 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: 1.58 ng

RT: 6.75 min Scan# 663

Delta R.T. 0.00 min

Lab File: BE090811.D

Acq: 14 Sep 2015 22:42

Instrument :

BNA_E

ClientSampleId :

091215-D534-E-D-B

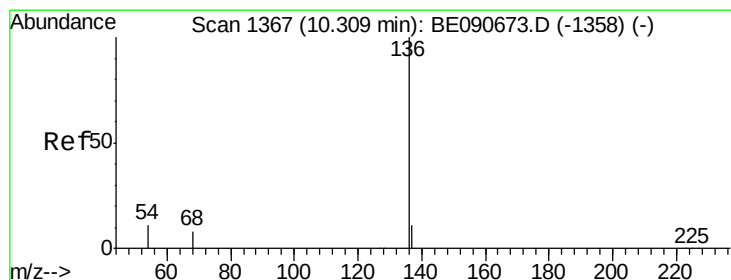
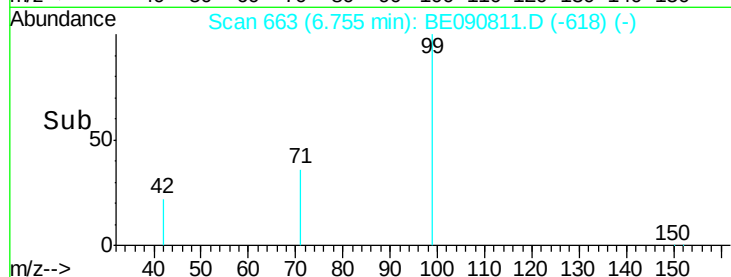
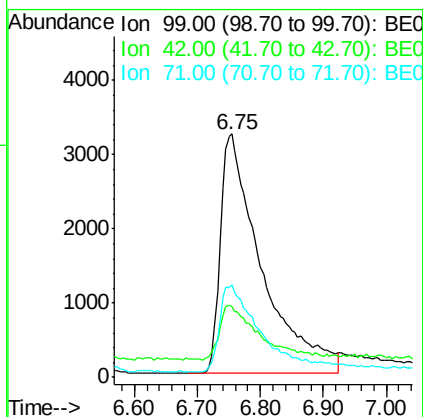
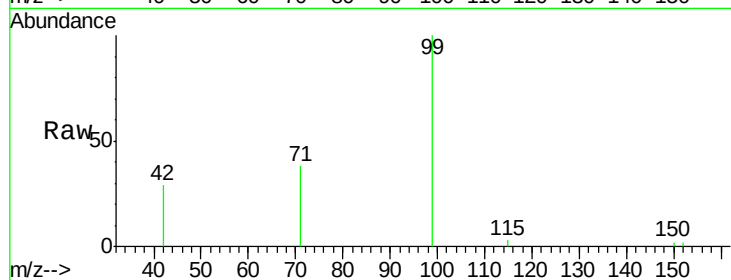
Tot Ion: 99 Resp: 14590

Ion Ratio Lower Upper

99 100

42 21.4 16.8 25.2

71 37.1 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: BE090811.D

Acq: 14 Sep 2015 22:42

Tgt Ion: 136 Resp: 139523

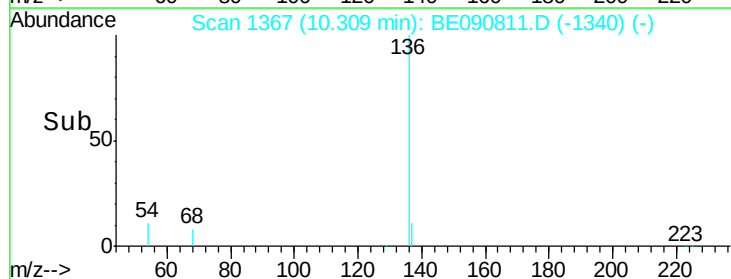
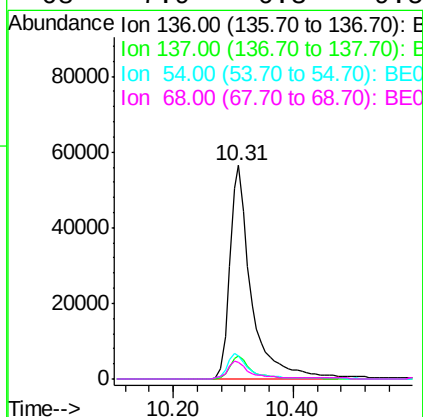
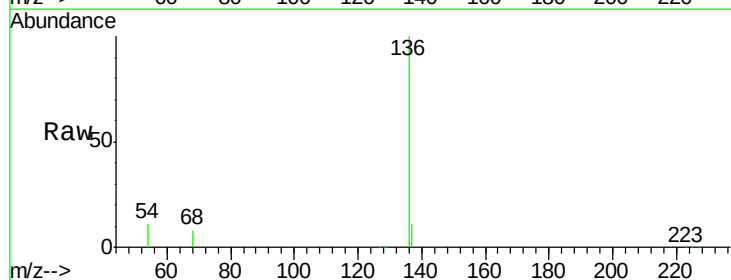
Ion Ratio Lower Upper

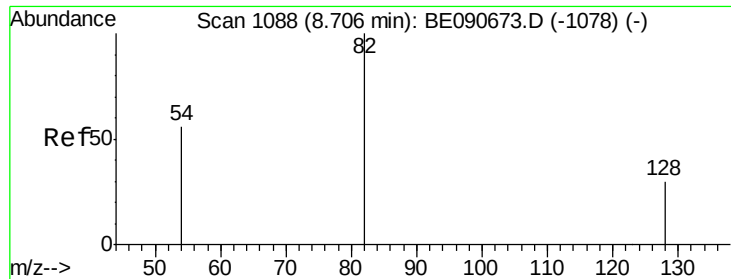
136 100

137 11.0 8.7 13.1

54 10.9 9.0 13.6

68 7.9 6.3 9.5





#7

Nitrobenzene-d5

Concen: 3.84 ng

RT: 8.71 min Scan# 1089

Delta R.T. 0.00 min

Lab File: BE090811.D

Acq: 14 Sep 2015 22:42

Instrument :

BNA_E

ClientSampleId :

091215-D534-E-D-B

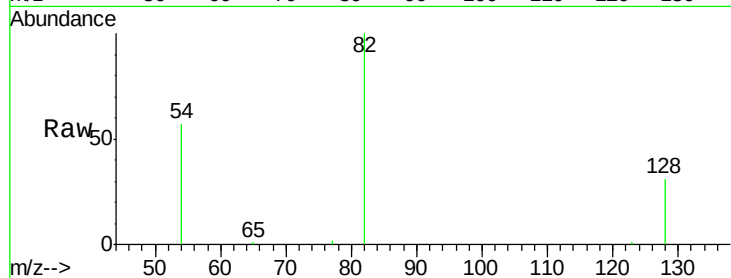
Tot Ion: 82 Resp: 35395

Ion Ratio Lower Upper

82 100

128 30.6 25.0 37.4

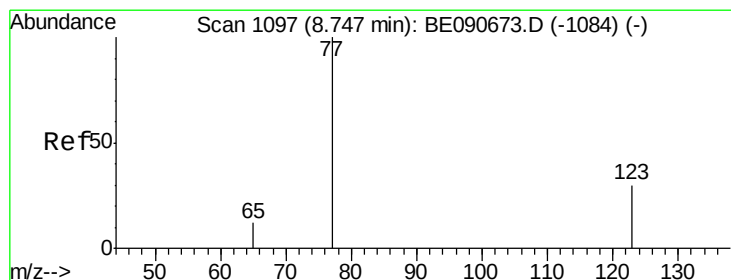
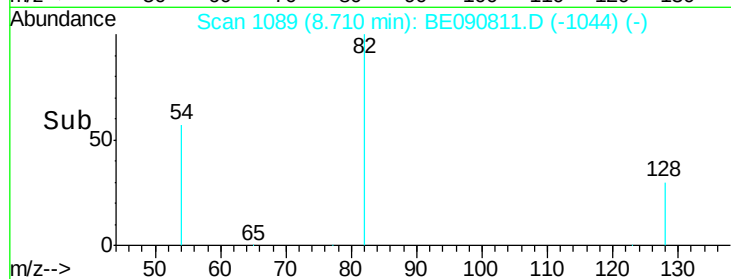
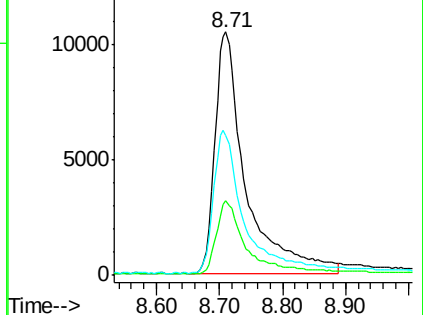
54 57.4 46.3 69.5



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: 0.11 ng

RT: 8.75 min Scan# 1097

Delta R.T. -0.00 min

Lab File: BE090811.D

Acq: 14 Sep 2015 22:42

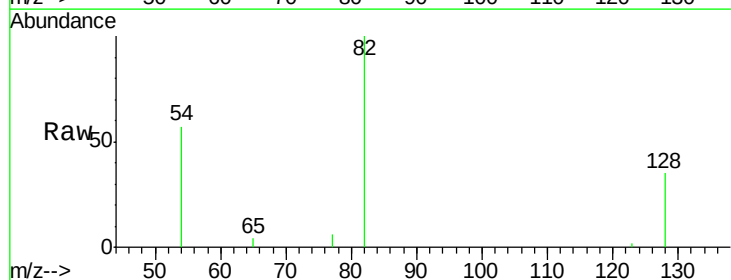
Tgt Ion: 77 Resp: 27

Ion Ratio Lower Upper

77 100

123 22.2 25.1 37.7#

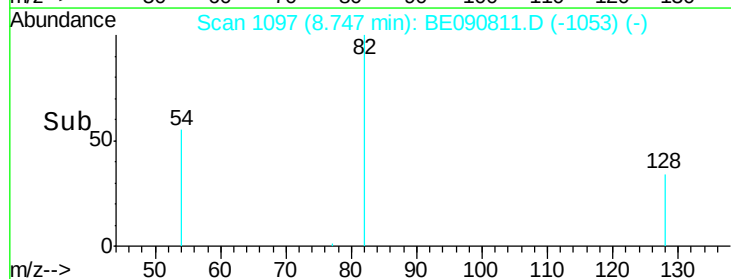
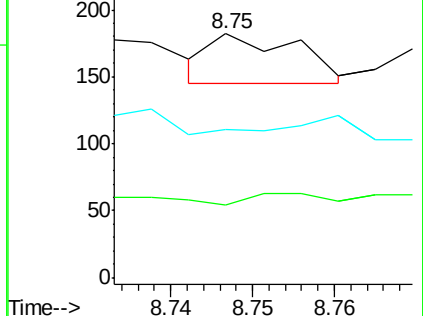
65 0.0 9.9 14.9#

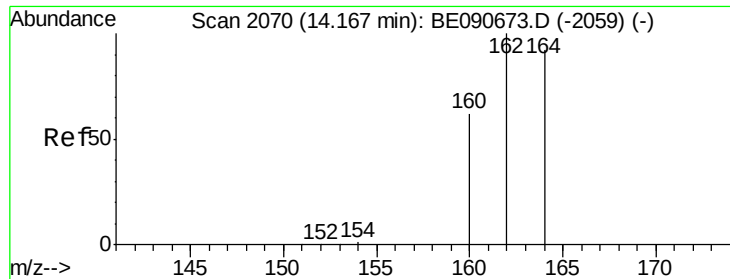


Abundance Ion 77.00 (76.70 to 77.70): BE0

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: 14.17 min Scan# 2070

Delta R.T. -0.00 min

Lab File: BE090811.D

Acq: 14 Sep 2015 22:42

Instrument :

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ClientSampleId :

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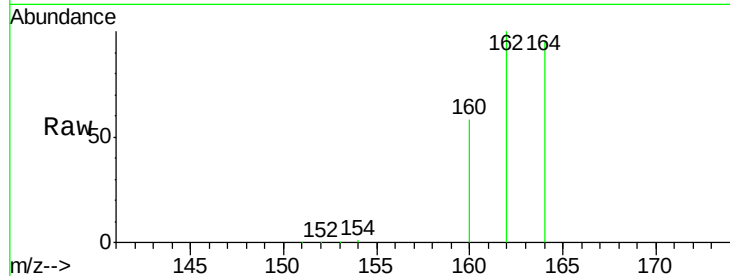
Tot Ion:164 Resp: 72098

Ion Ratio Lower Upper

164 100

162 104.9 86.8 130.2

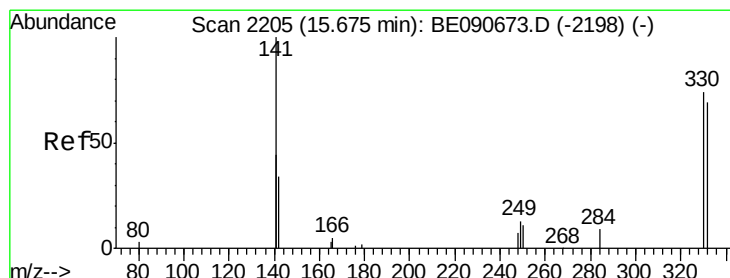
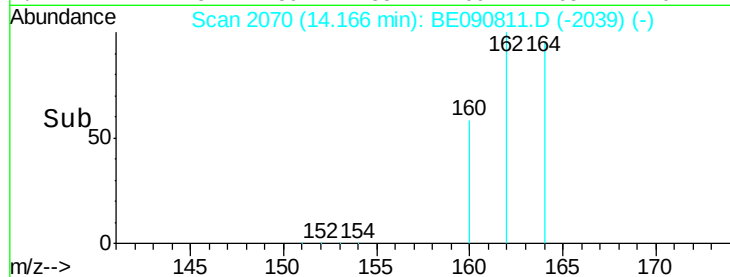
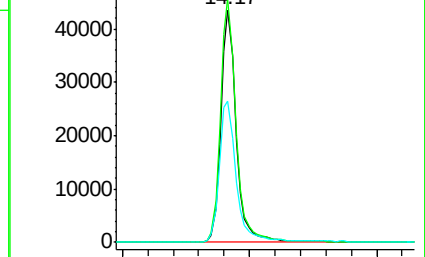
160 61.0 53.9 80.9



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: 6.79 ng

RT: 15.68 min Scan# 2205

Delta R.T. 0.00 min

Lab File: BE090811.D

Acq: 14 Sep 2015 22:42

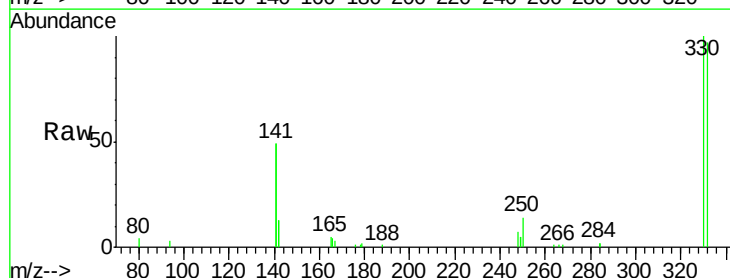
Tgt Ion:330 Resp: 14312

Ion Ratio Lower Upper

330 100

332 96.0 74.9 112.3

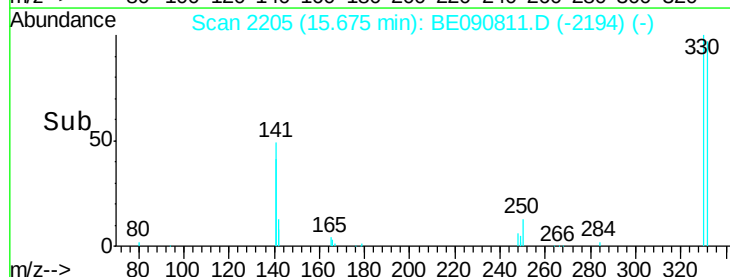
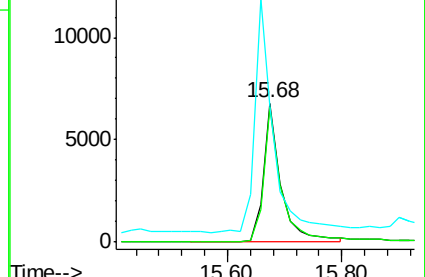
141 181.3 145.2 217.8

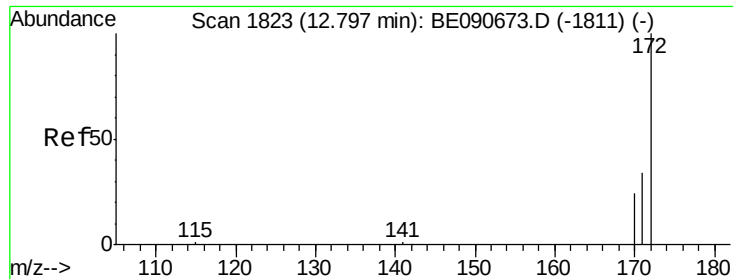


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

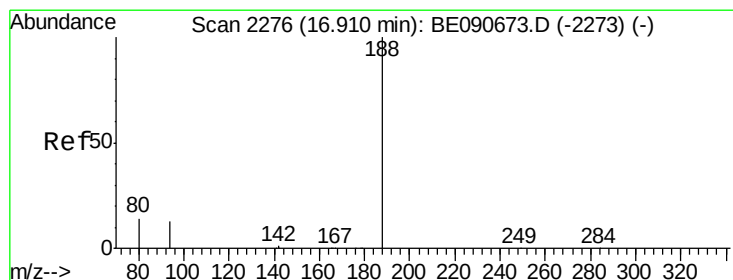
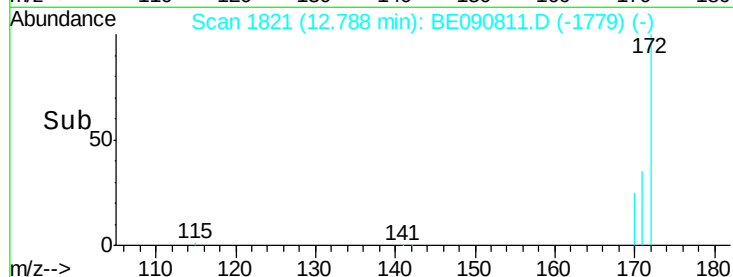
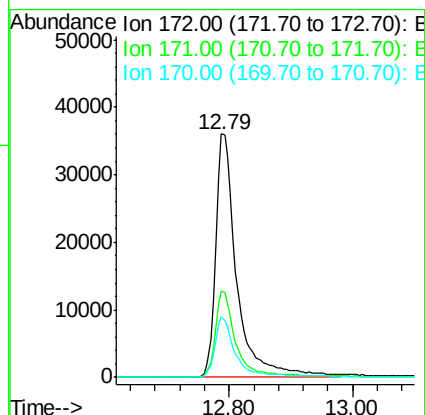
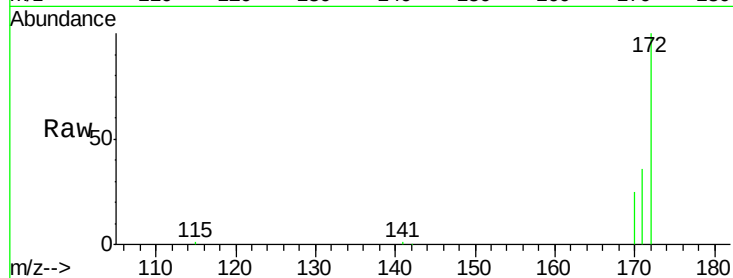




#14
2-Fluorobiphenyl
Concen: 4.26 ng
RT: 12.79 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BE090811.D
Acq: 14 Sep 2015 22:42

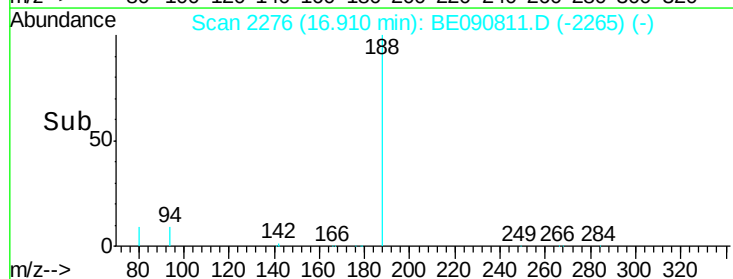
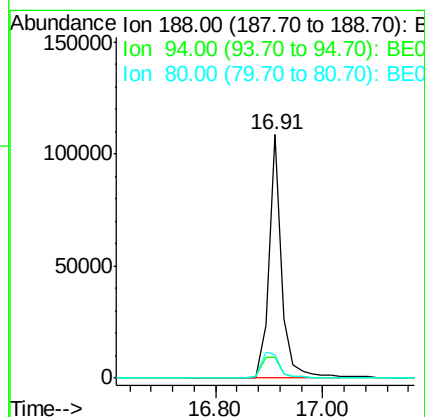
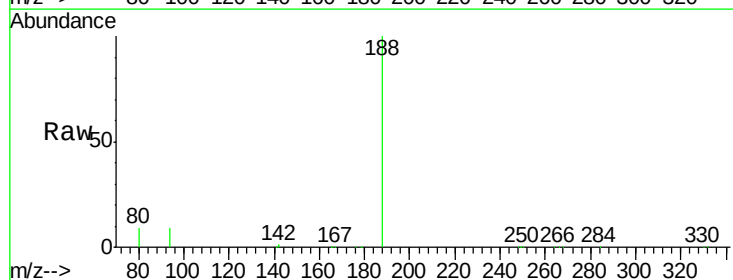
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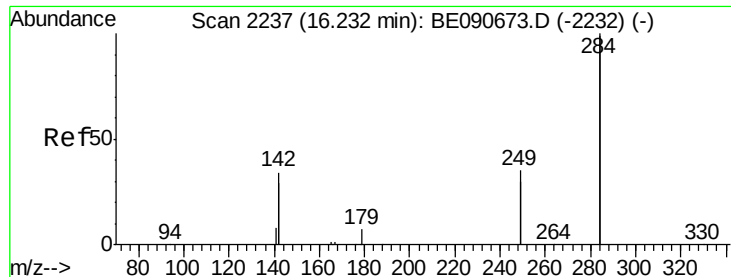
Tot Ion:172 Resp: 85147
Ion Ratio Lower Upper
172 100
171 35.6 27.8 41.8
170 24.7 19.8 29.6



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2276
Delta R.T. -0.00 min
Lab File: BE090811.D
Acq: 14 Sep 2015 22:42

Tgt Ion:188 Resp: 180587
Ion Ratio Lower Upper
188 100
94 8.7 10.3 15.5#
80 9.5 11.0 16.6#





#20

Hexachlorobenzene

Concen: Below Cal

RT: 16.25 min Scan# 2238

Delta R.T. 0.02 min

Lab File: BE090811.D

Acq: 14 Sep 2015 22:42

Instrument :

BNA_E

ClientSampleId :

091215-D534-E-D-B

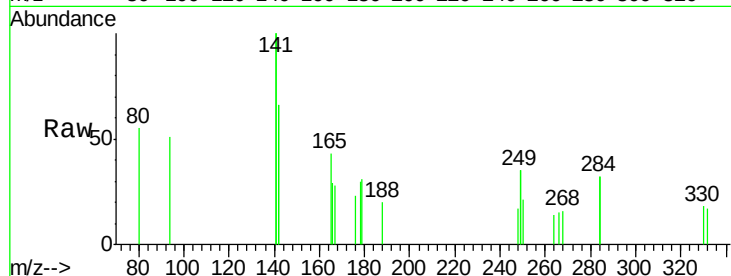
Tot Ion:284 Resp: 90

Ion Ratio Lower Upper

284 100

142 0.0 35.0 52.4#

249 83.3 25.5 38.3#

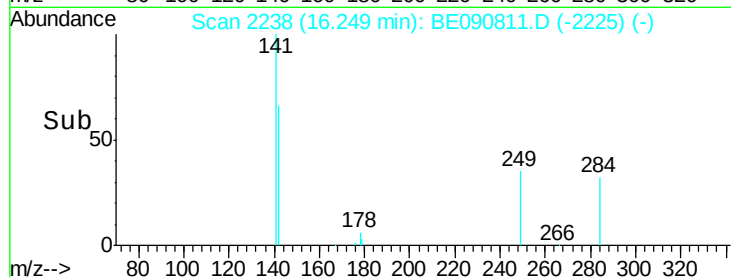


Abundance Ion 283.80 (283.50 to 284.50): E

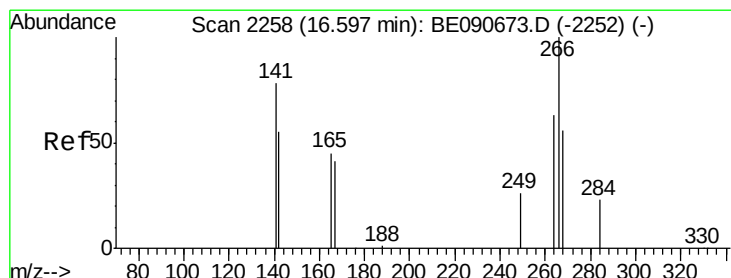
Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

Time-->



Time-->



#21

Pentachlorophenol

Concen: 0.48 ng

RT: 16.63 min Scan# 2260

Delta R.T. 0.03 min

Lab File: BE090811.D

Acq: 14 Sep 2015 22:42

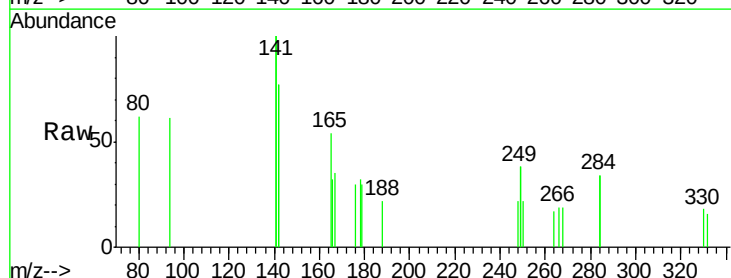
Tgt Ion:266 Resp: 52

Ion Ratio Lower Upper

266 100

268 100.0 49.6 74.4#

264 89.5 53.9 80.9#

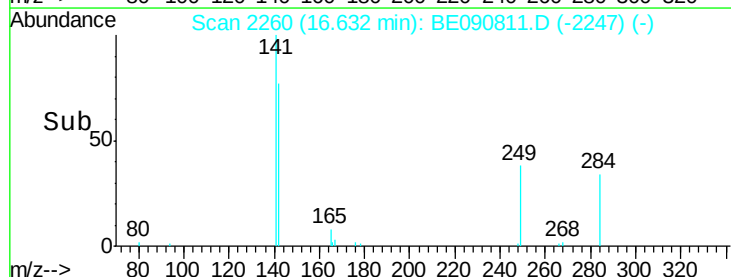


Abundance Ion 265.70 (265.40 to 266.40): E

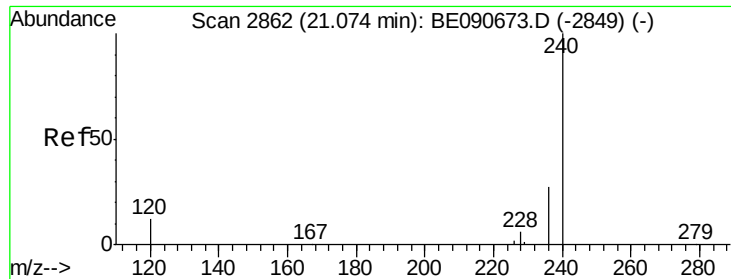
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

Time-->



Time-->



#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.07 min Scan# 2861

Delta R.T. -0.01 min

Lab File: BE090811.D

Acq: 14 Sep 2015 22:42

Instrument :

BNA_E

ClientSampleId :

091215-D534-E-D-B

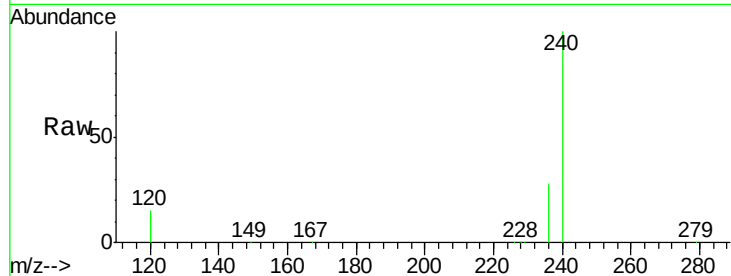
Tot Ion:240 Resp: 223346

Ion Ratio Lower Upper

240 100

120 15.0 10.1 15.1

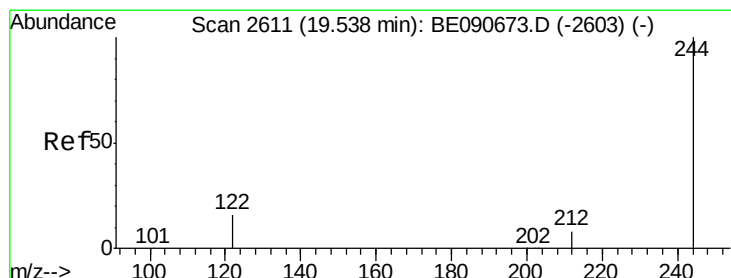
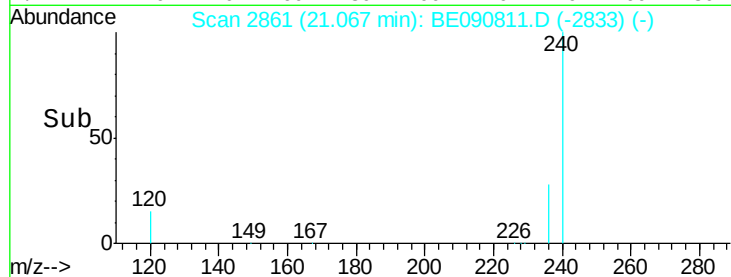
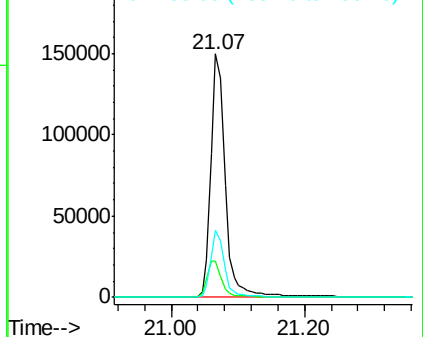
236 27.7 21.9 32.9



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: 6.01 ng

RT: 19.53 min Scan# 2609

Delta R.T. -0.01 min

Lab File: BE090811.D

Acq: 14 Sep 2015 22:42

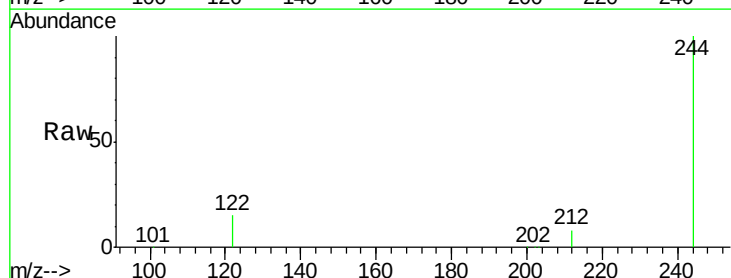
Tgt Ion:244 Resp: 148589

Ion Ratio Lower Upper

244 100

212 8.3 6.9 10.3

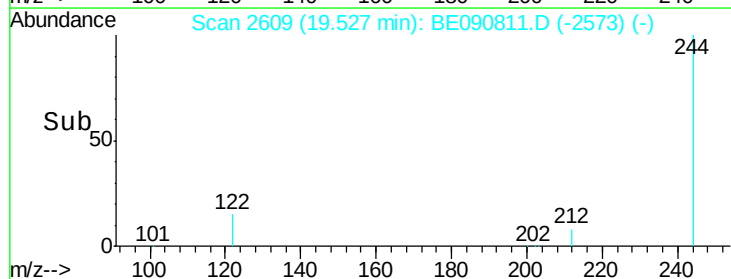
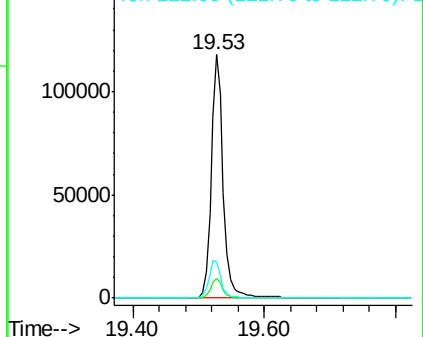
122 14.7 12.9 19.3

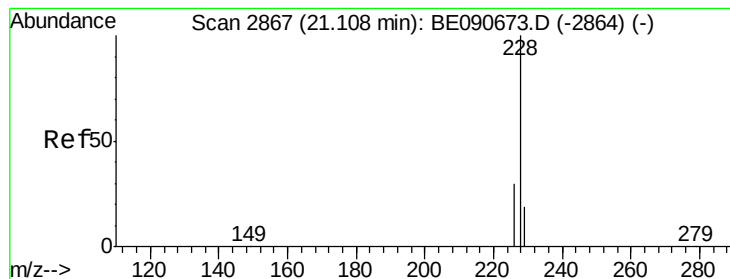


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#29

Chrysene

Concen: Below Cal

RT: 21.07 min Scan# 2861

Delta R.T. -0.04 min

Lab File: BE090811.D

Acq: 14 Sep 2015 22:42

Instrument :

BNA_E

ClientSampleId :

091215-D534-E-D-B

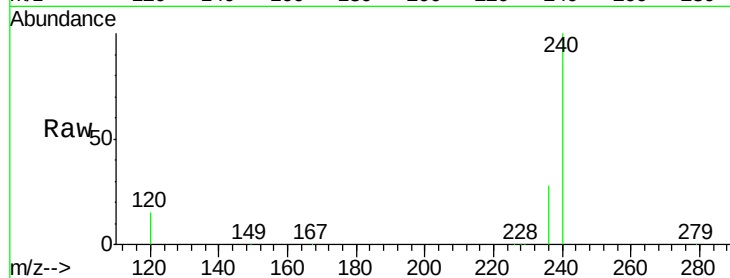
Tot Ion:228 Resp: 840

Ion Ratio Lower Upper

228 100

226 27.1 24.2 36.4

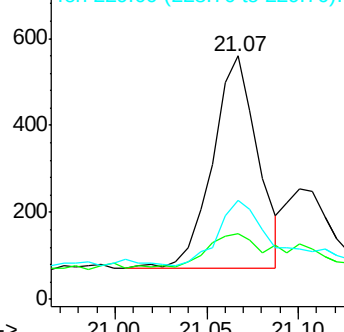
229 40.5 15.3 22.9#



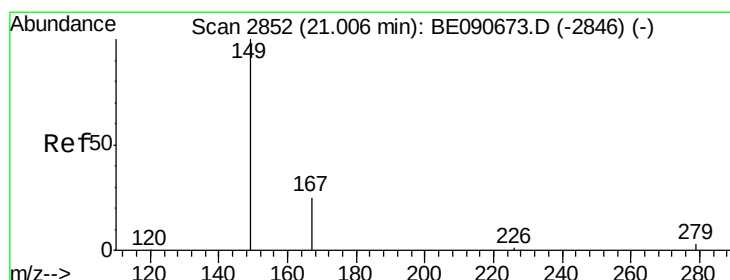
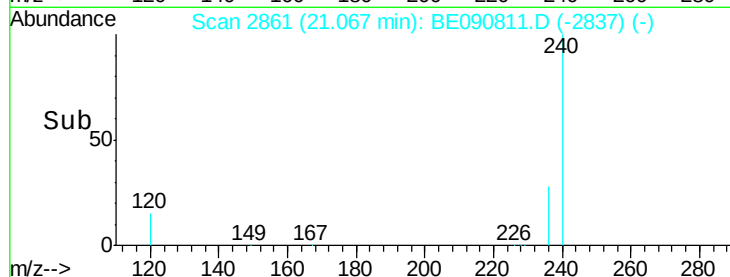
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#30

Bis(2-ethylhexyl)phthalate

Concen: 0.34 ng

RT: 21.00 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BE090811.D

Acq: 14 Sep 2015 22:42

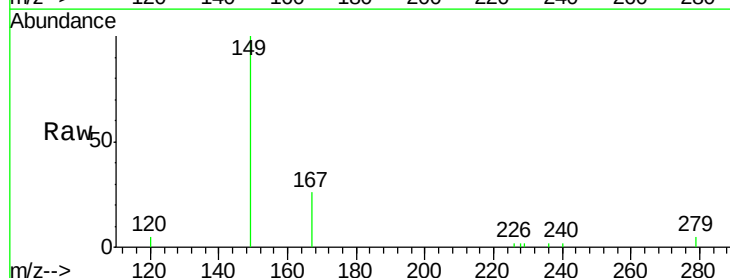
Tgt Ion:149 Resp: 3562

Ion Ratio Lower Upper

149 100

167 24.4 20.1 30.1

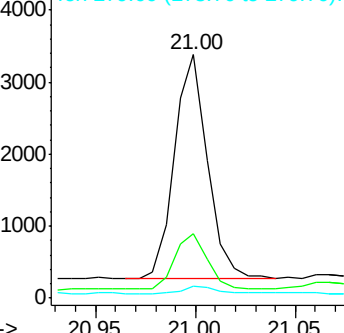
279 3.2 2.3 3.5



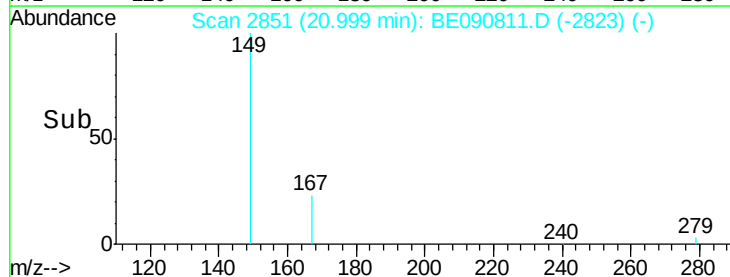
Abundance Ion 149.00 (148.70 to 149.70): E

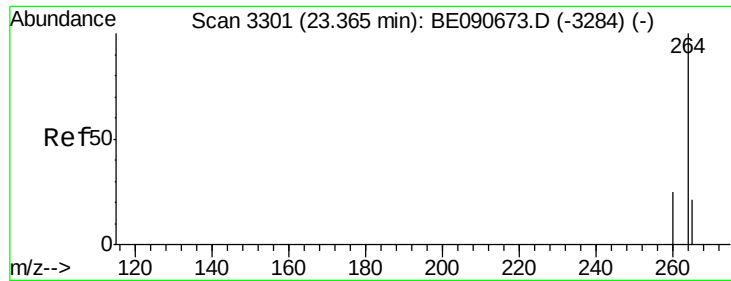
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->

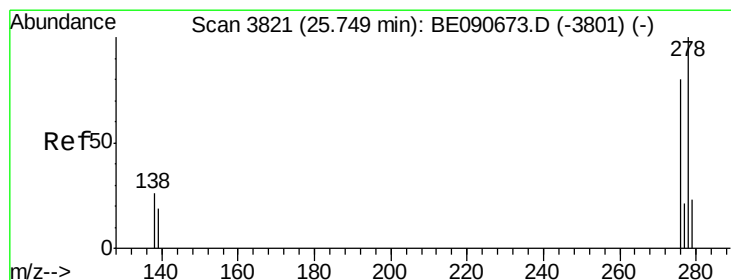
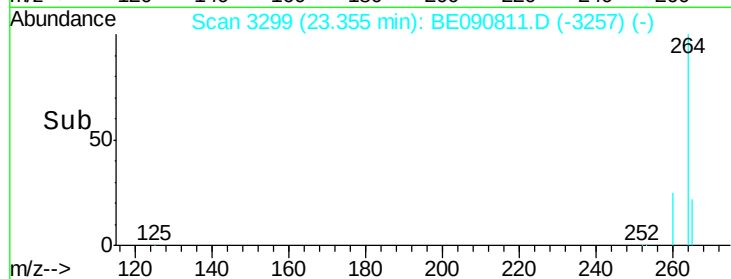
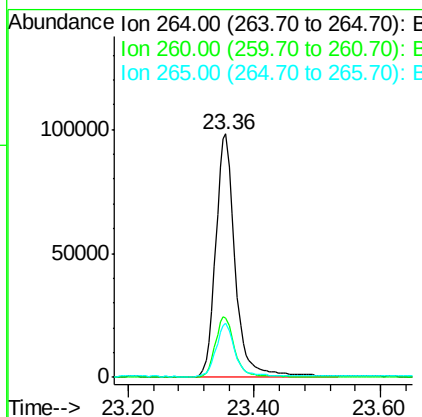
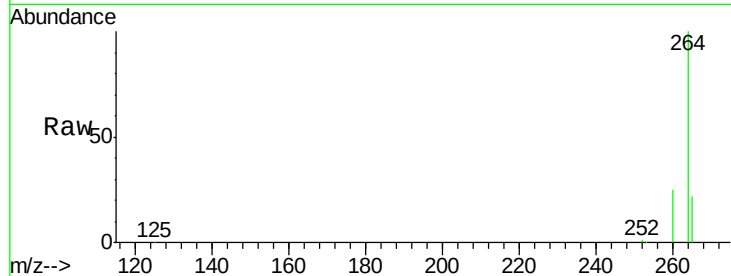




#32
 Pervlene-d12
 Concen: 5.00 ng
 RT: 23.36 min Scan# 3299
 Delta R.T. -0.01 min
 Lab File: BE090811.D
 Acq: 14 Sep 2015 22:42

Instrument :
 BNA_E
 ClientSampleId :
 091215-D534-E-D-B

Tot Ion:264 Resp: 210689
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.7 29.5
 265 22.1 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: BE090811.D
 Acq: 14 Sep 2015 22:42

Tgt Ion:278 Resp: 40
 Ion Ratio Lower Upper
 278 100
 139 147.6 15.4 23.0#
 279 104.9 18.8 28.2#

