

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE091415\
 Data File : BE090799.D
 Acq On : 14 Sep 2015 12:25
 Operator : UM/IZ
 Sample : G3635-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 091015-D534-F-D-B

Quant Time: Sep 14 13:32:29 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	70193	5.00	ng	0.00
6) Naphthalene-d8	10.30	136	323679	5.00	ng	0.00
12) Acenaphthene-d10	14.17	164	171903	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	407449	5.00	ng	0.00
25) Chrysene-d12	21.07	240	501878	5.00	ng	0.00
32) Perylene-d12	23.36	264	454325	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.18	112	39231	2.88	ng	0.00
5) Phenol-d6	6.74	99	38145	1.95	ng	0.00
7) Nitrobenzene-d5	8.70	82	62870	2.94	ng	0.00
13) 2,4,6-Tribromophenol	15.67	330	28789	5.75	ng	0.00
14) 2-Fluorobiphenyl	12.79	172	137799	2.89	ng	-0.01
27) Terphenyl-d14	19.53	244	230137	4.14	ng	-0.01

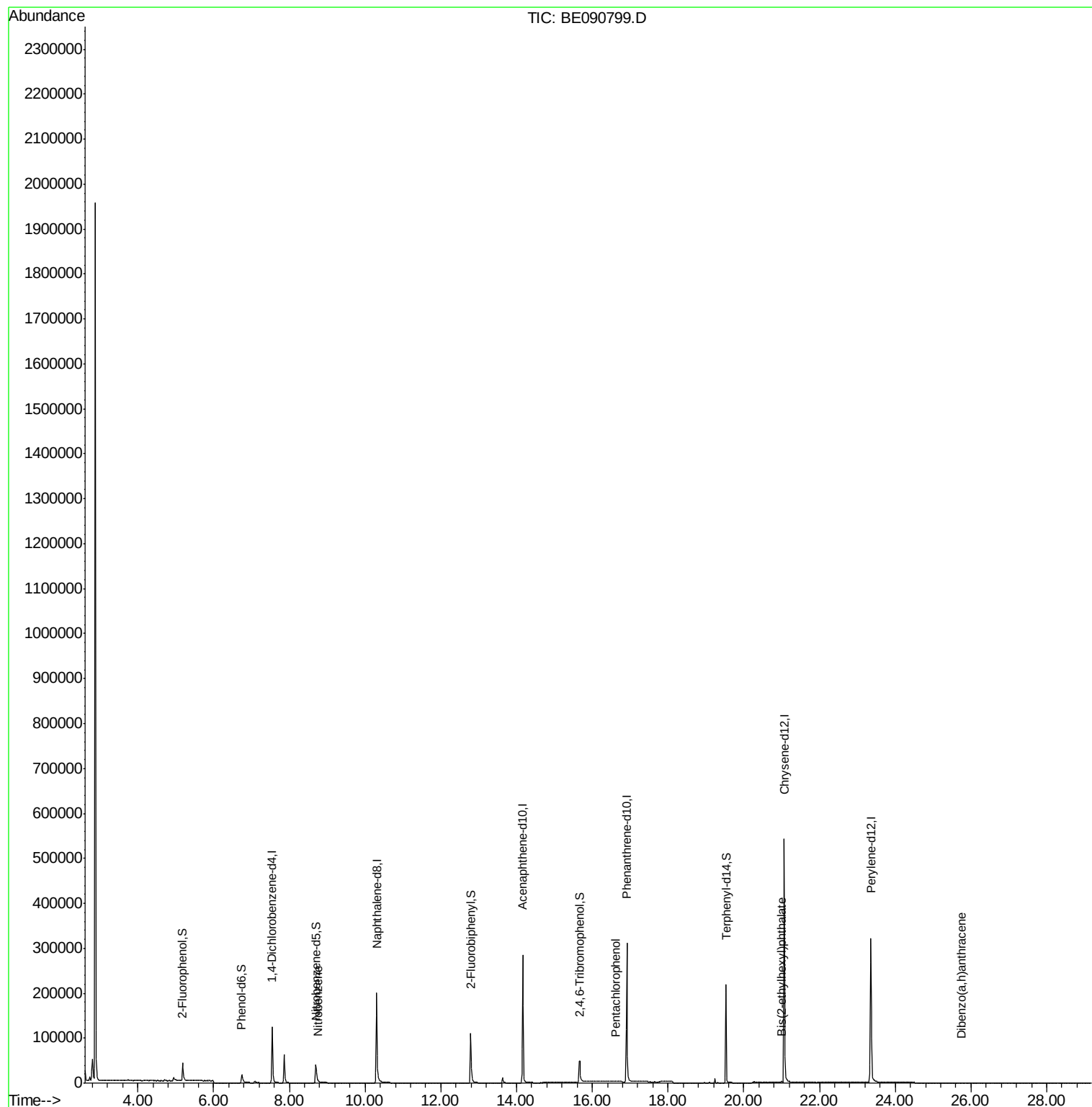
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.12	88	41	Below Cal	#	47
3) n-Nitrosodimethylamine	3.41	42	188	Below Cal	#	1
8) Nitrobenzene	8.76	77	14	0.11 ng	#	62
20) Hexachlorobenzene	16.23	284	35	Below Cal	#	1
21) Pentachlorophenol	16.61	266	55	0.47 ng	#	74
29) Chrysene	21.07	228	1874	Below Cal	#	72
30) Bis(2-ethylhexyl)phthalate	21.00	149	3538	0.19 ng		99
36) Dibenzo(a,h)anthracene	25.74	278	33	0.14 ng	#	1

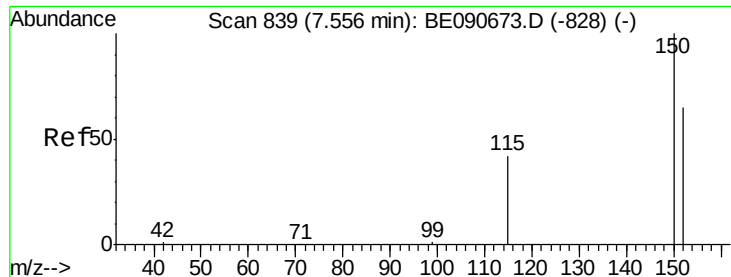
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 02 11:40:50 2015
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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: BE090799.D

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Instrument :

BNA_E

ClientSampleId :

091015-D534-F-D-B

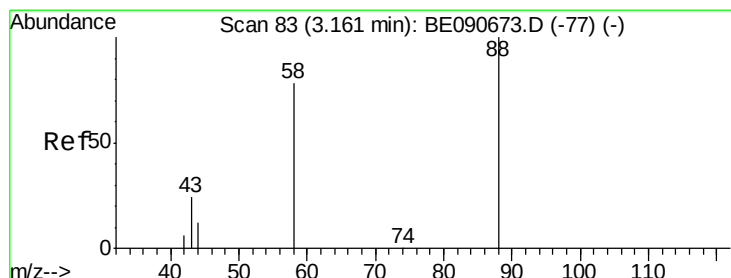
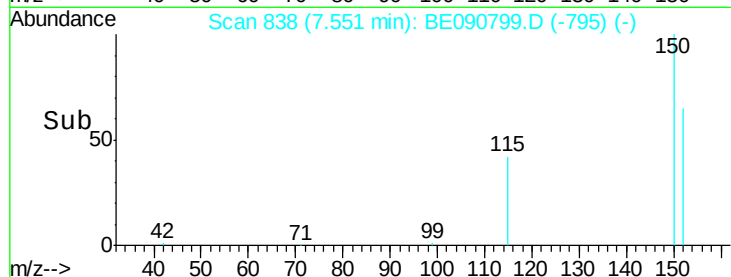
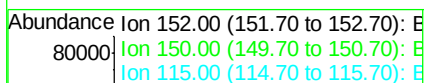
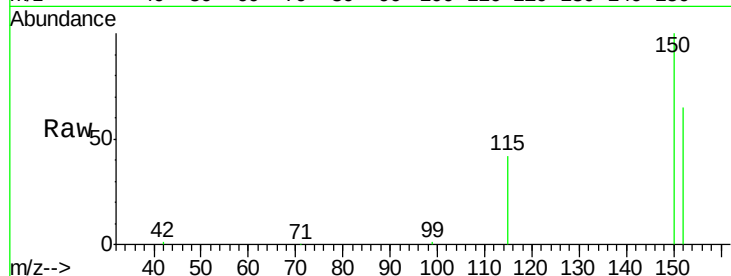
Tgt Ion: 152 Resp: 70193

Ion Ratio Lower Upper

152 100

150 153.8 122.2 183.4

115 64.7 51.0 76.4



#2

1,4-Dioxane

Concen: Below Cal

RT: 3.12 min Scan# 76

Delta R.T. -0.05 min

Lab File: BE090799.D

Acq: 14 Sep 2015 12:25

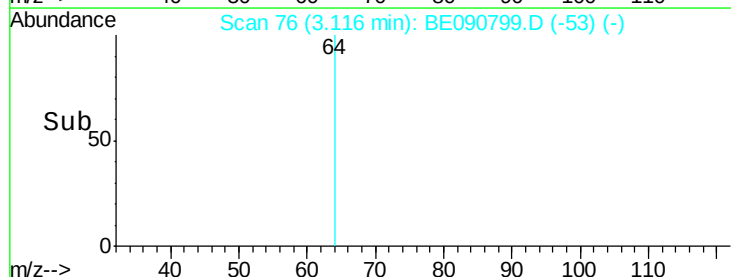
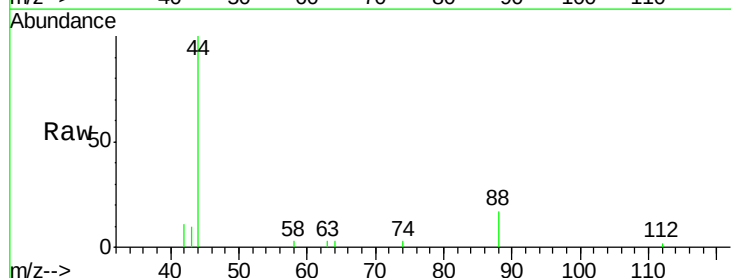
Tgt Ion: 88 Resp: 41

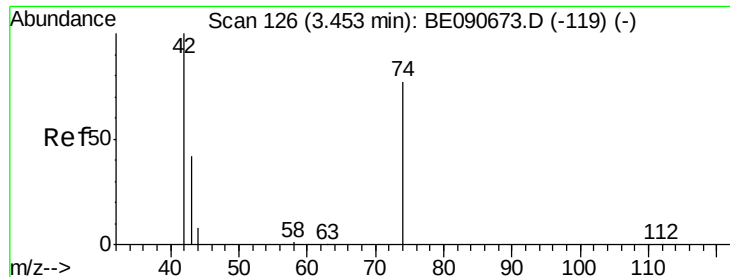
Ion Ratio Lower Upper

88 100

58 39.0 68.4 102.6#

43 0.0 26.9 40.3#



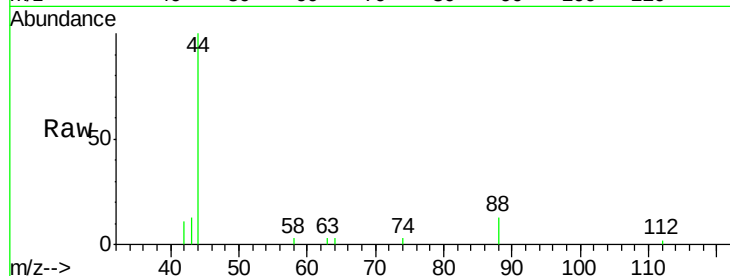


#3

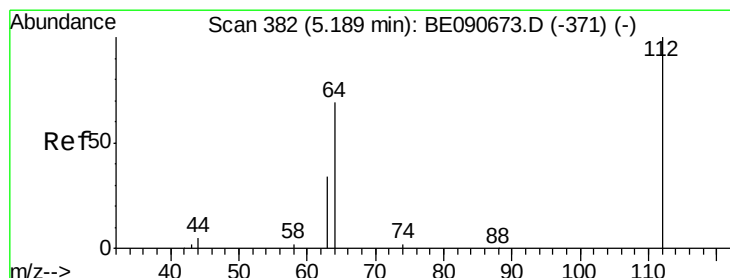
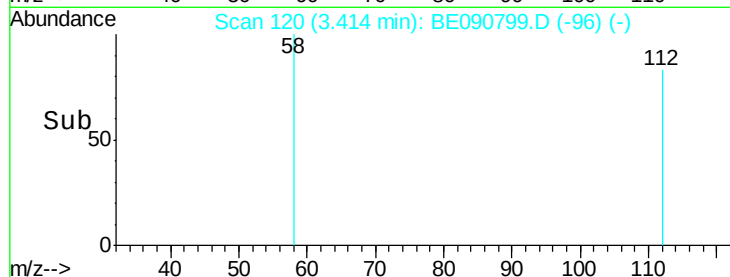
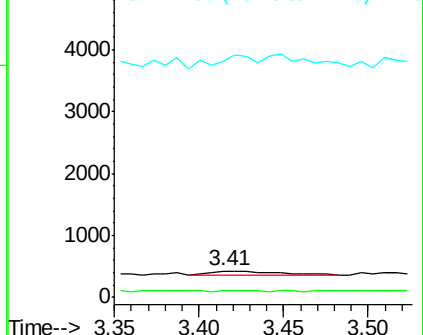
n-Nitrosodimethylamine
 Concen: Below Cal
 RT: 3.41 min Scan# 120
 Delta R.T. -0.04 min
 Lab File: BE090799.D
 Acq: 14 Sep 2015 12:25

Instrument :
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 ClientSampleId :
 091015-D534-F-D-B

Tgt Ion: 42 Resp: 188
 Ion Ratio Lower Upper
 42 100
 74 0.0 83.7 125.5#
 44 199.5 10.0 15.0#



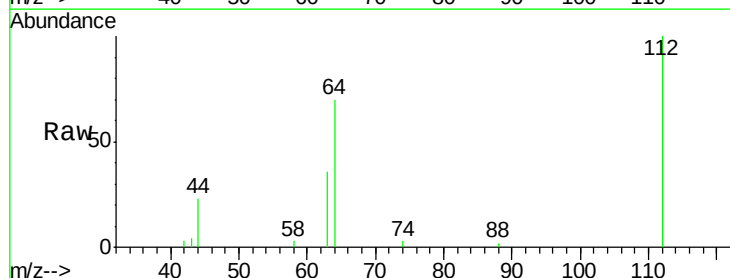
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



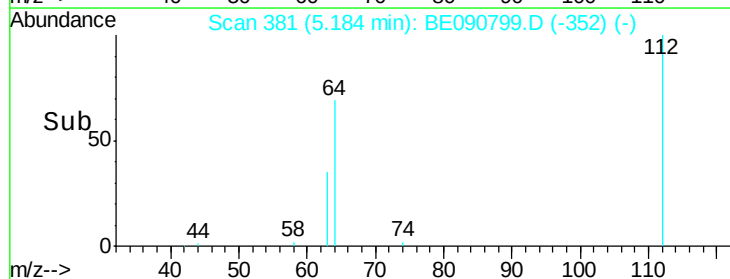
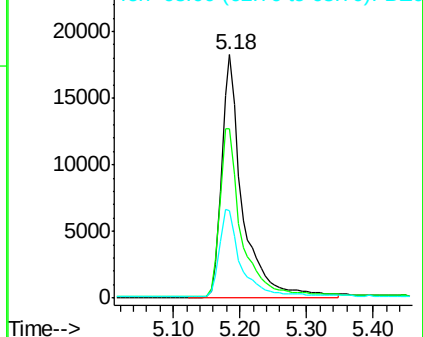
#4

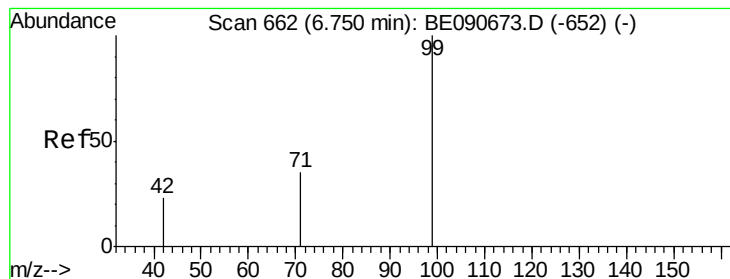
2-Fluorophenol
 Concen: 2.88 ng
 RT: 5.18 min Scan# 381
 Delta R.T. -0.00 min
 Lab File: BE090799.D
 Acq: 14 Sep 2015 12:25

Tgt Ion: 112 Resp: 39231
 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: 1.95 ng

RT: 6.74 min Scan# 661

Delta R.T. -0.01 min

Lab File: BE090799.D

Acq: 14 Sep 2015 12:25

Instrument :

BNA_E

ClientSampleId :

091015-D534-F-D-B

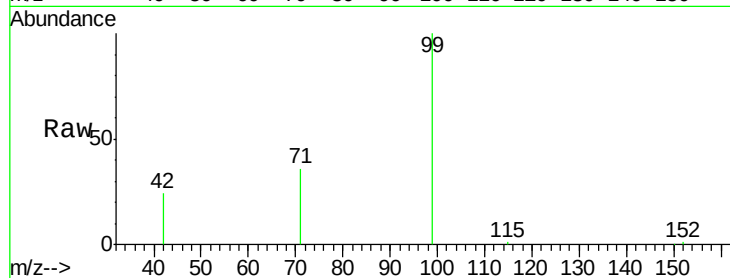
Tgt Ion: 99 Resp: 38145

Ion Ratio Lower Upper

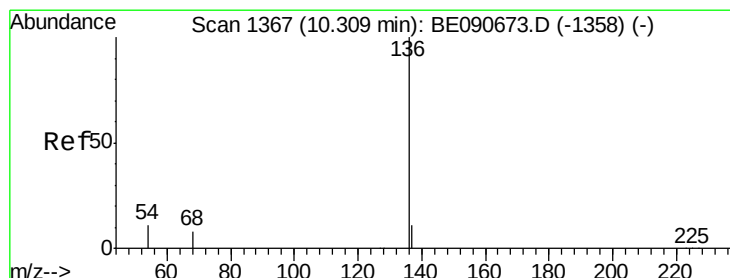
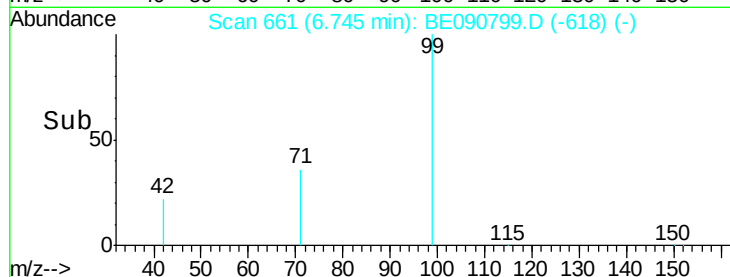
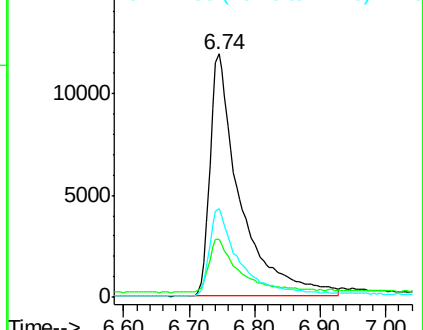
99 100

42 22.4 16.8 25.2

71 35.9 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: BE090799.D

Acq: 14 Sep 2015 12:25

Tgt Ion: 136 Resp: 323679

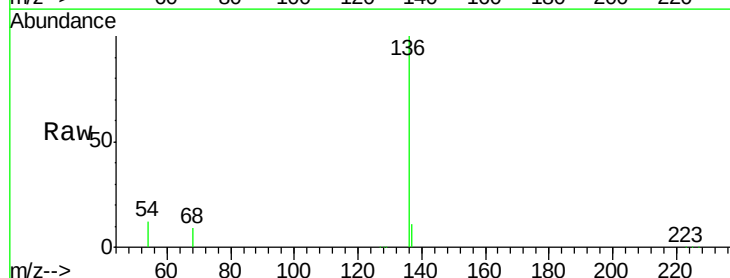
Ion Ratio Lower Upper

136 100

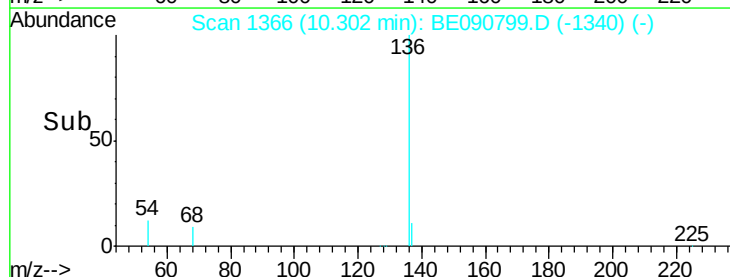
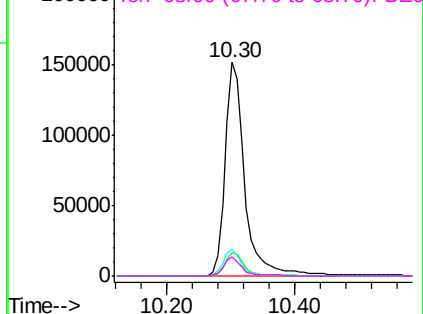
137 11.0 8.7 13.1

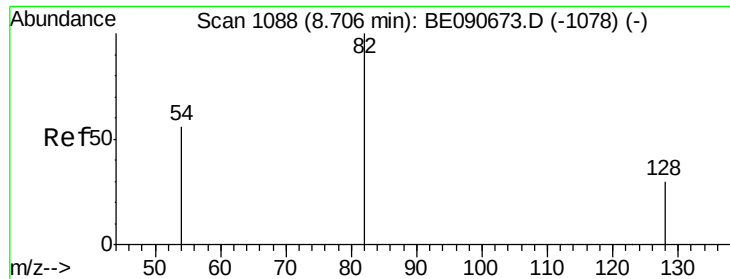
54 12.4 9.0 13.6

68 8.9 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: 2.94 ng

RT: 8.70 min Scan# 1087

Delta R.T. -0.00 min

Lab File: BE090799.D

Acq: 14 Sep 2015 12:25

Instrument :

BNA_E

ClientSampleId :

091015-D534-F-D-B

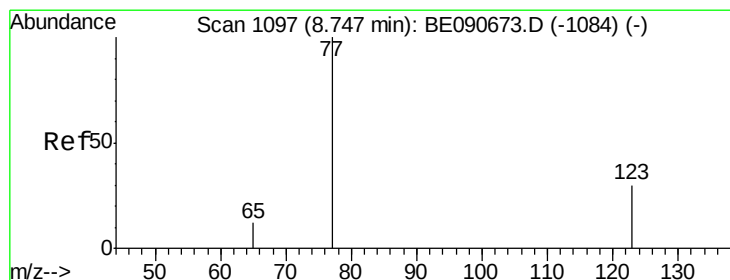
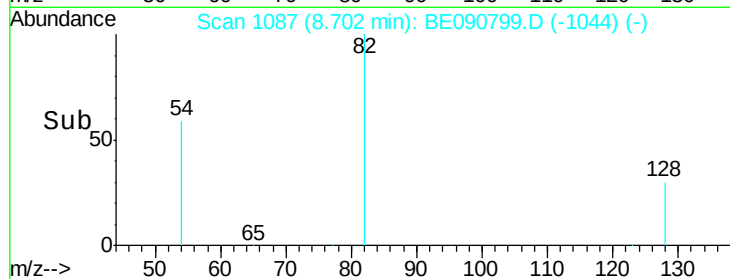
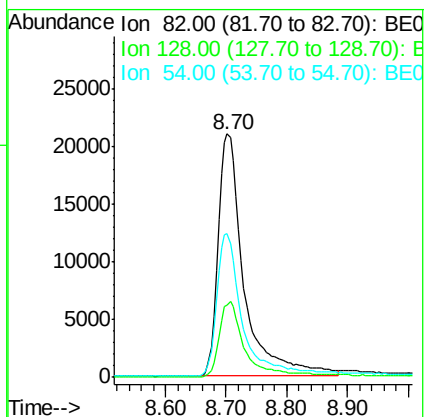
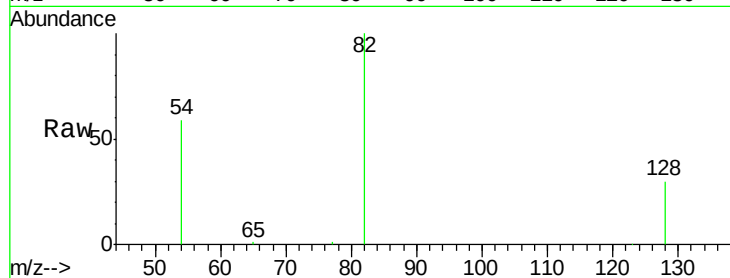
Tgt Ion: 82 Resp: 62870

Ion Ratio Lower Upper

82 100

128 29.9 25.0 37.4

54 58.9 46.3 69.5



#8

Nitrobenzene

Concen: 0.11 ng

RT: 8.76 min Scan# 1100

Delta R.T. 0.01 min

Lab File: BE090799.D

Acq: 14 Sep 2015 12:25

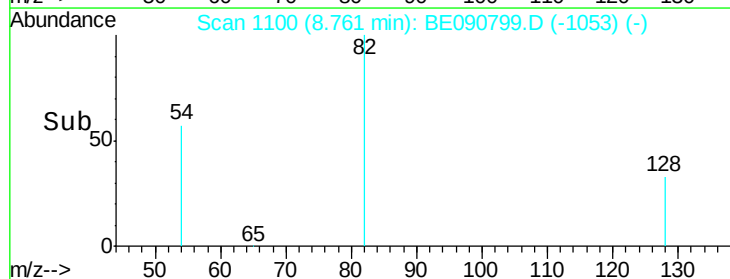
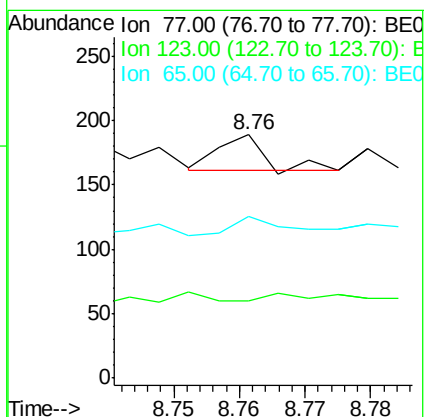
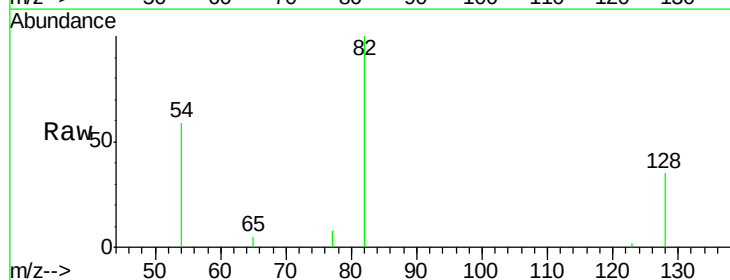
Tgt Ion: 77 Resp: 14

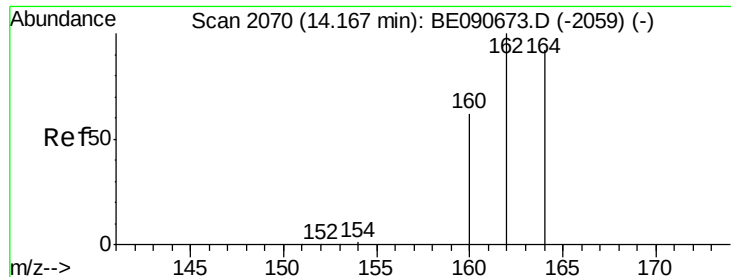
Ion Ratio Lower Upper

77 100

123 35.7 25.1 37.7

65 57.1 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: BE090799.D

Acq: 14 Sep 2015 12:25

Instrument :

BNA_E

ClientSampleId :

091015-D534-F-D-B

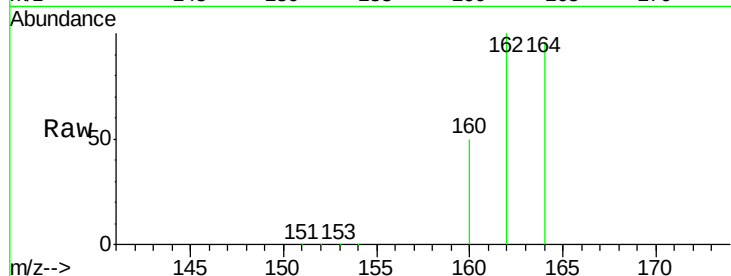
Tgt Ion:164 Resp: 171903

Ion Ratio Lower Upper

164 100

162 104.1 86.8 130.2

160 51.6 53.9 80.9#

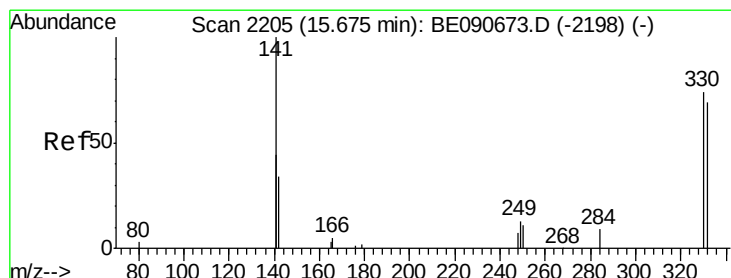
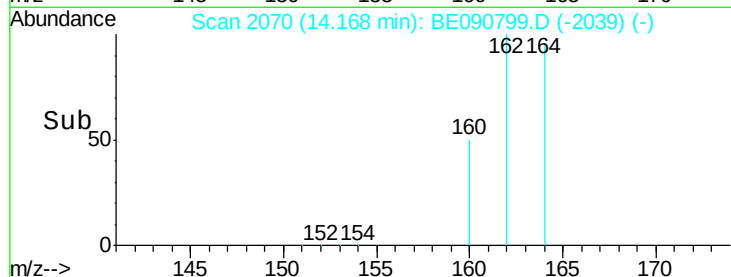
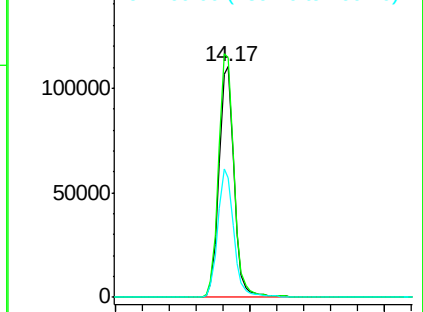


Abundance

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: 5.75 ng

RT: 15.67 min Scan# 2204

Delta R.T. -0.00 min

Lab File: BE090799.D

Acq: 14 Sep 2015 12:25

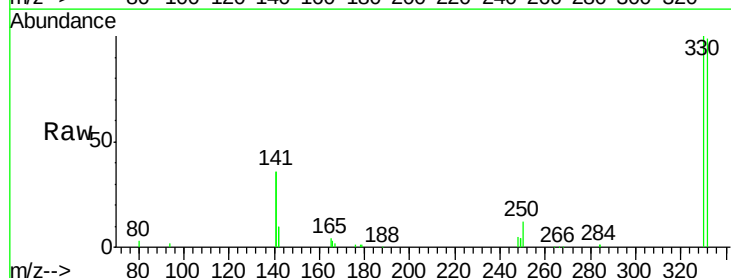
Tgt Ion:330 Resp: 28789

Ion Ratio Lower Upper

330 100

332 96.4 74.9 112.3

141 179.7 145.2 217.8

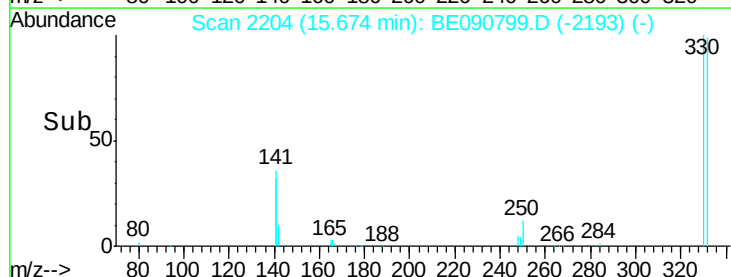
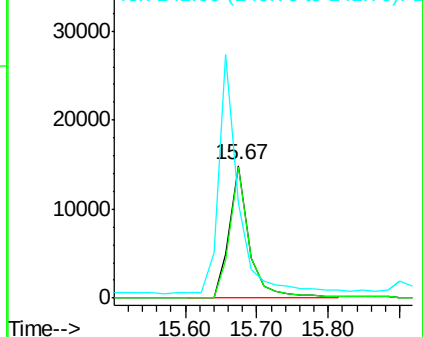


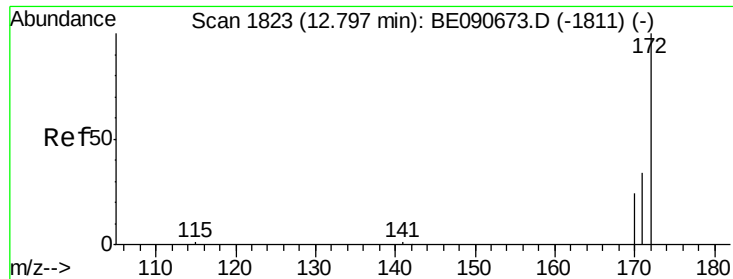
Abundance

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

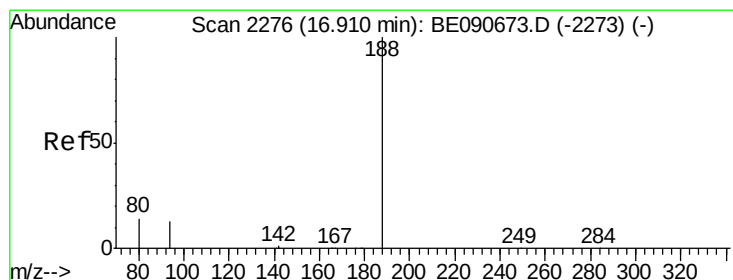
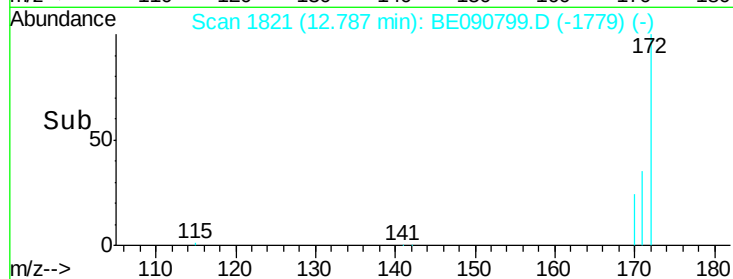
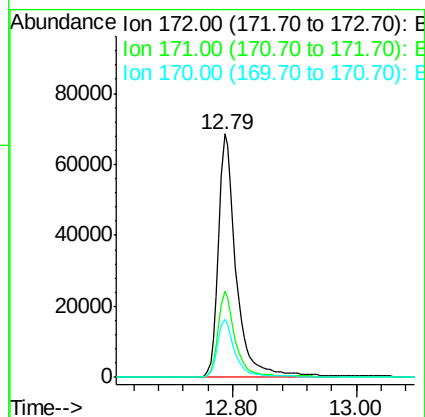
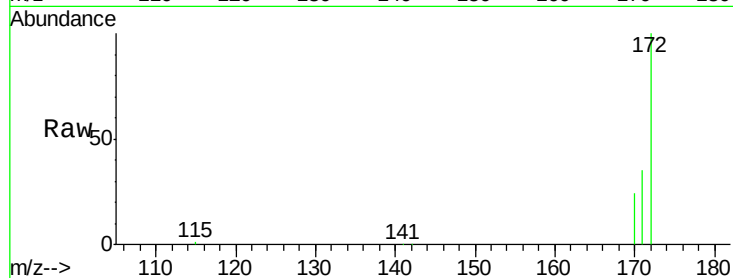




#14
2-Fluorobiphenyl
Concen: 2.89 ng
RT: 12.79 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BE090799.D
Acq: 14 Sep 2015 12:25

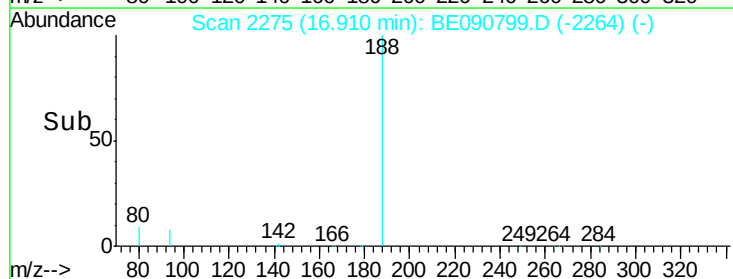
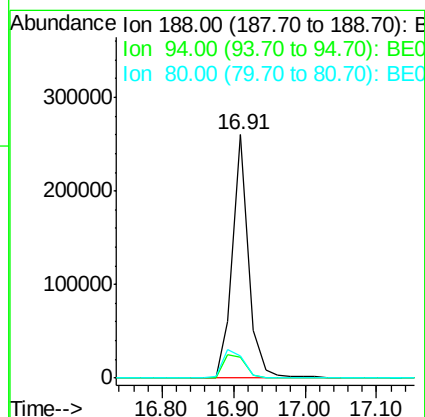
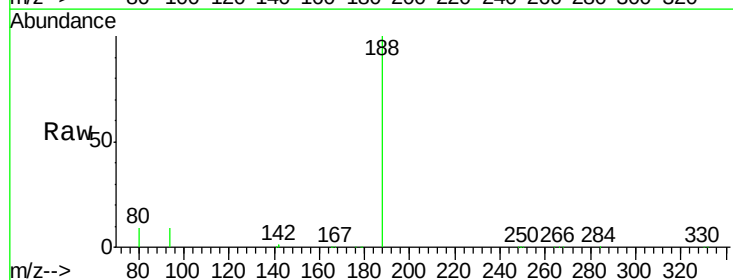
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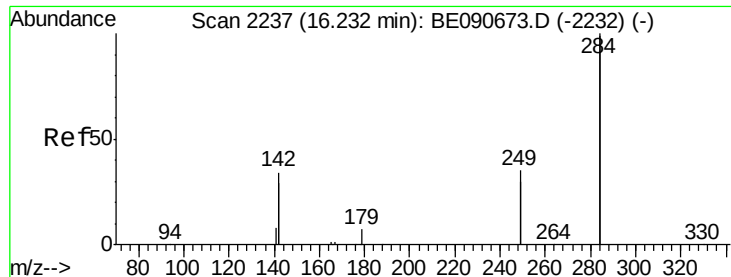
Tgt Ion:172 Resp: 137799
Ion Ratio Lower Upper
172 100
171 35.3 27.8 41.8
170 24.0 19.8 29.6



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BE090799.D
Acq: 14 Sep 2015 12:25

Tgt Ion:188 Resp: 407449
Ion Ratio Lower Upper
188 100
94 8.6 10.3 15.5#
80 9.1 11.0 16.6#





#20

Hexachlorobenzene

Concen: Below Cal

RT: 16.23 min Scan# 2236

Delta R.T. 0.00 min

Lab File: BE090799.D

Acq: 14 Sep 2015 12:25

Instrument :

BNA_E

ClientSampleId :

091015-D534-F-D-B

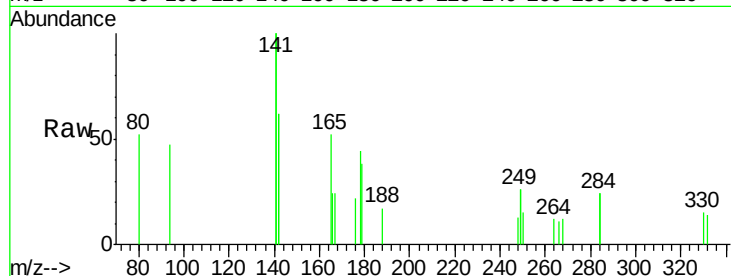
Tgt Ion:284 Resp: 35

Ion Ratio Lower Upper

284 100

142 1437.1 35.0 52.4#

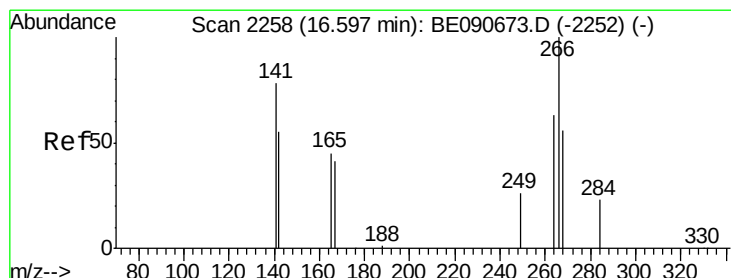
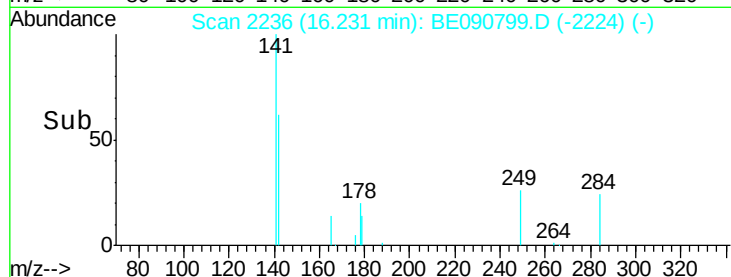
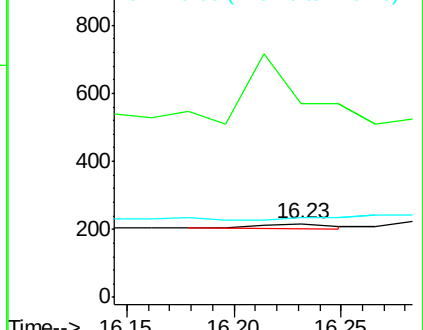
249 0.0 25.5 38.3#



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: 16.61 min Scan# 2258

Delta R.T. 0.02 min

Lab File: BE090799.D

Acq: 14 Sep 2015 12:25

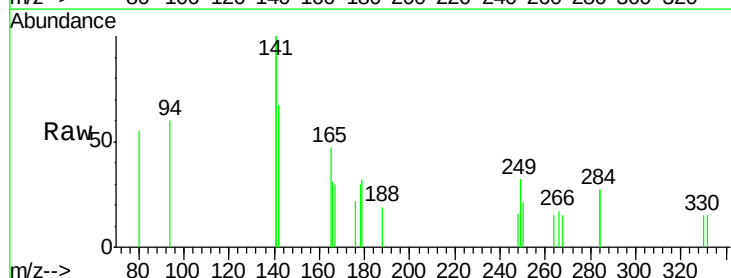
Tgt Ion:266 Resp: 55

Ion Ratio Lower Upper

266 100

268 85.7 49.6 74.4#

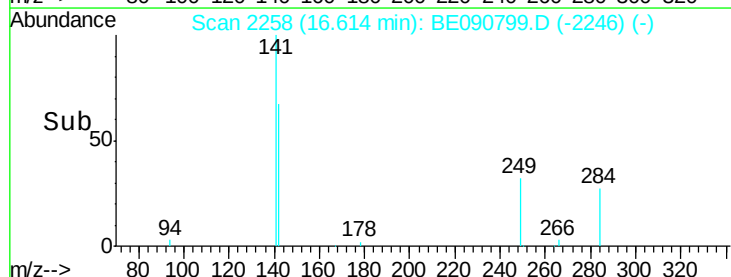
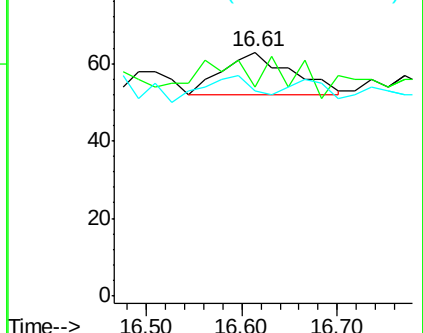
264 84.1 53.9 80.9#

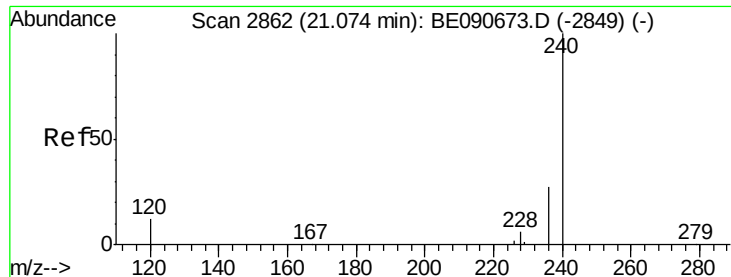


Abundance Ion 265.70 (265.40 to 266.40): E

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# 2860

Delta R.T. -0.01 min

Lab File: BE090799.D

Acq: 14 Sep 2015 12:25

Instrument :

BNA_E

ClientSampleId :

091015-D534-F-D-B

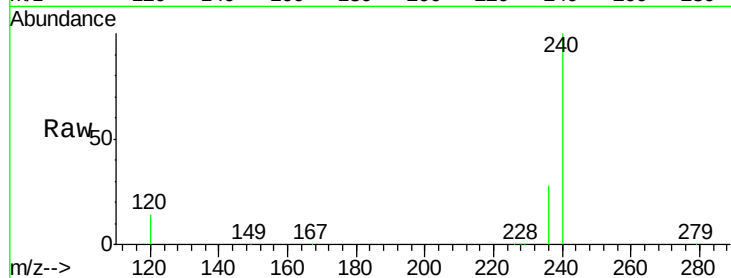
Tgt Ion:240 Resp: 501878

Ion Ratio Lower Upper

240 100

120 13.6 10.1 15.1

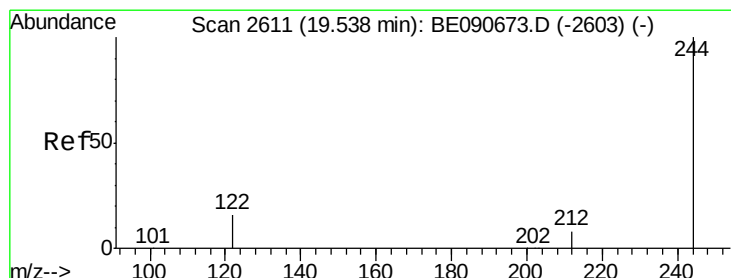
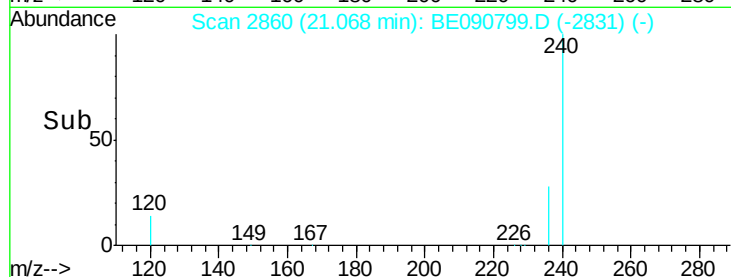
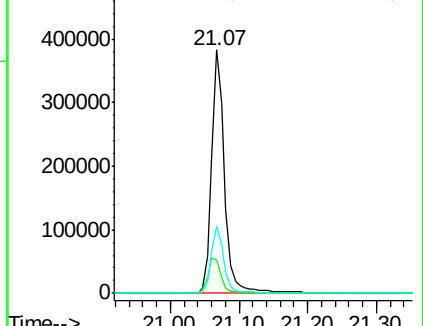
236 27.5 21.9 32.9



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: 4.14 ng

RT: 19.53 min Scan# 2608

Delta R.T. -0.01 min

Lab File: BE090799.D

Acq: 14 Sep 2015 12:25

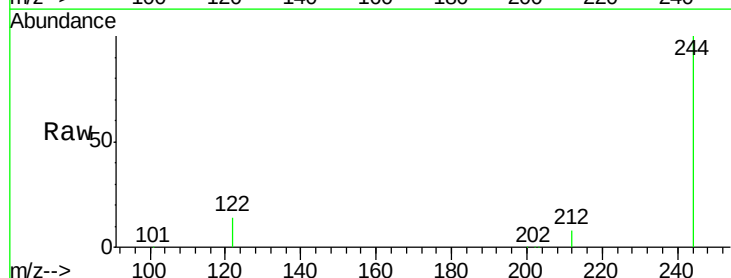
Tgt Ion:244 Resp: 230137

Ion Ratio Lower Upper

244 100

212 8.2 6.9 10.3

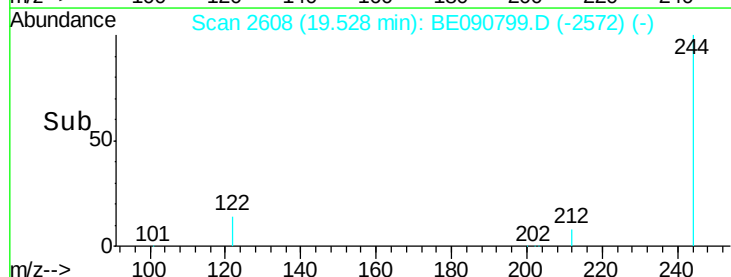
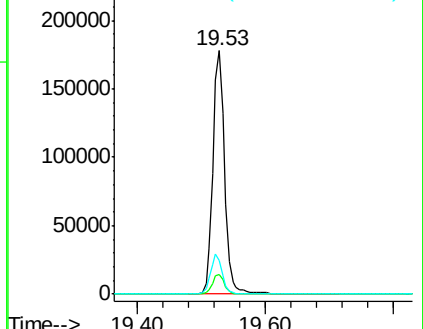
122 13.8 12.9 19.3

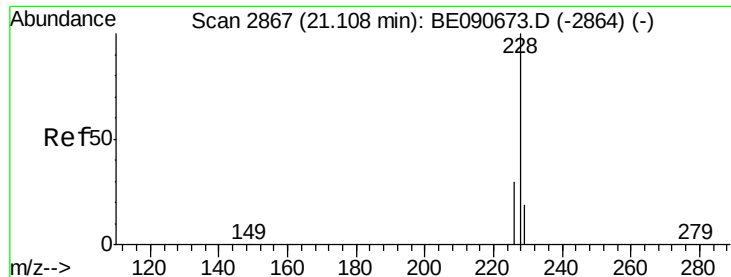


Abundance Ion 244.00 (243.70 to 244.70): E

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# 2860

Delta R.T. -0.04 min

Lab File: BE090799.D

Acq: 14 Sep 2015 12:25

Instrument :

BNA_E

ClientSampleId :

091015-D534-F-D-B

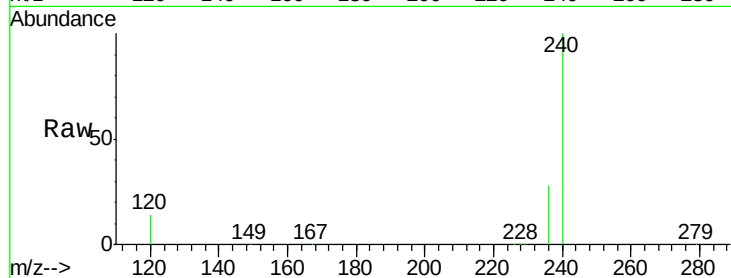
Tgt Ion:228 Resp: 1874

Ion Ratio Lower Upper

228 100

226 17.1 24.2 36.4#

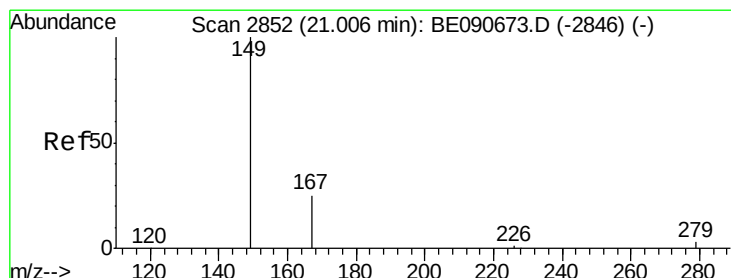
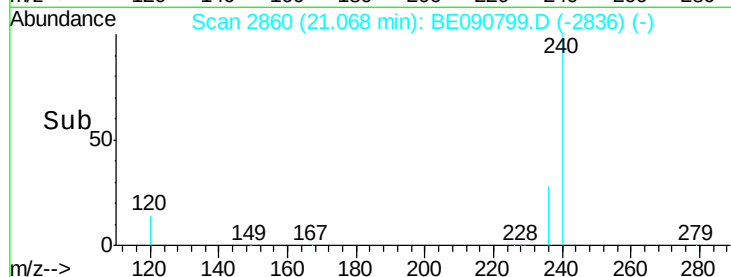
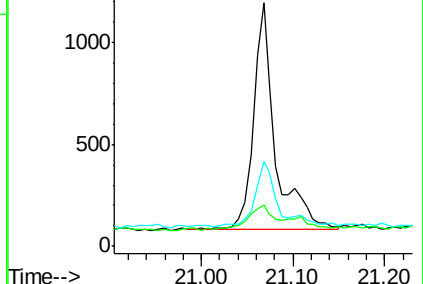
229 34.6 15.3 22.9#



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: 0.19 ng

RT: 21.00 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BE090799.D

Acq: 14 Sep 2015 12:25

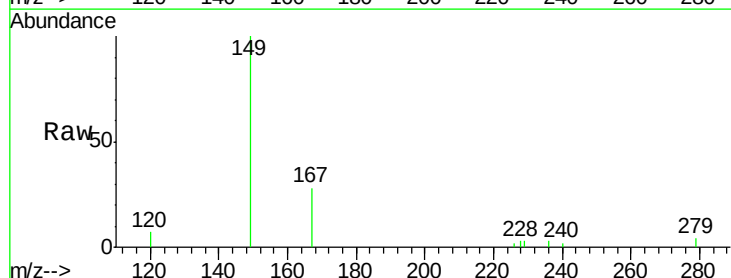
Tgt Ion:149 Resp: 3538

Ion Ratio Lower Upper

149 100

167 24.5 20.1 30.1

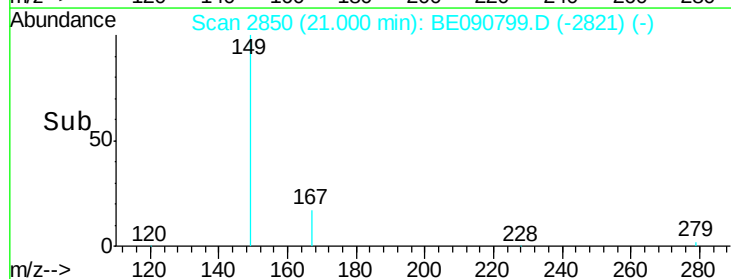
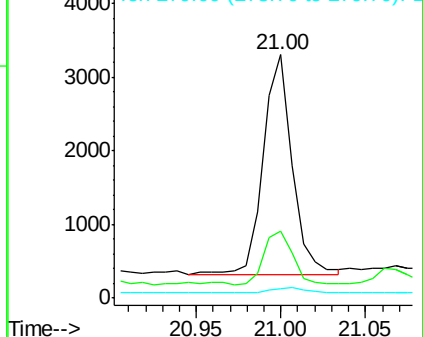
279 3.3 2.3 3.5

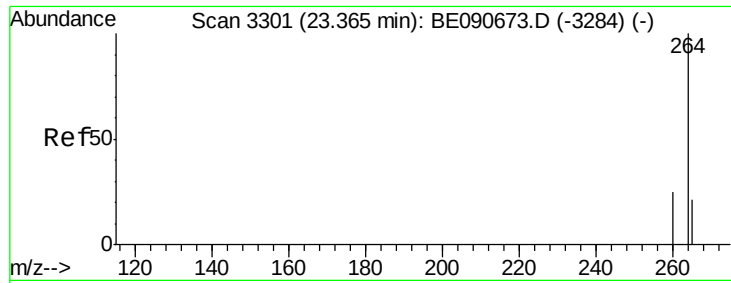


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

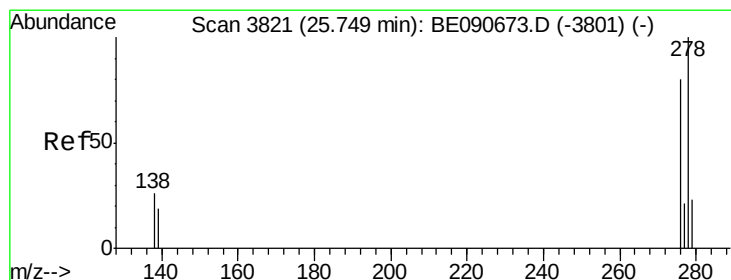
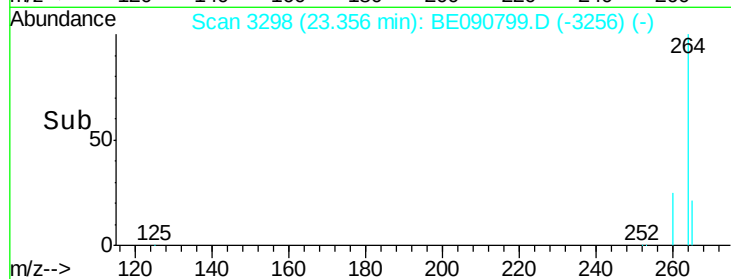
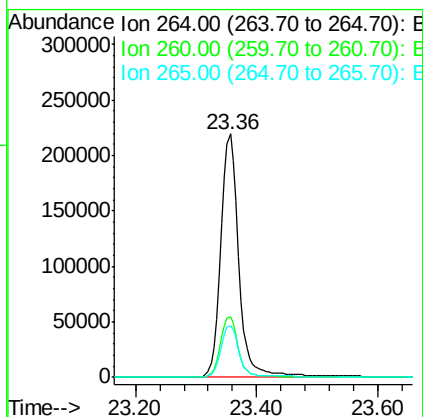
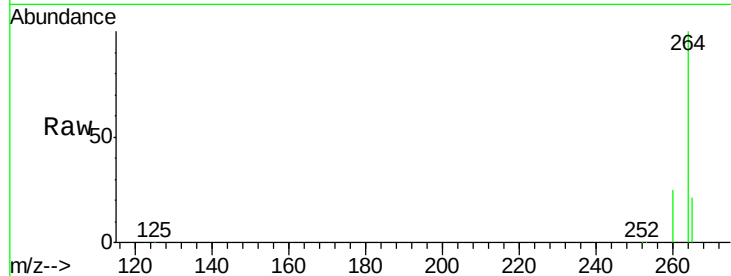




#32
Perylene-d12
 Concen: 5.00 ng
 RT: 23.36 min Scan# 3298
 Delta R.T. -0.01 min
 Lab File: BE090799.D
 Acq: 14 Sep 2015 12:25

Instrument :
 BNA_E
 ClientSampleId :
 091015-D534-F-D-B

Tgt Ion: 264 Resp: 454325
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.7 29.5
 265 21.4 17.5 26.3



#36
Dibenzo(a,h)anthracene
 Concen: 0.14 ng
 RT: 25.74 min Scan# 3817
 Delta R.T. -0.01 min
 Lab File: BE090799.D
 Acq: 14 Sep 2015 12:25

Tgt Ion: 278 Resp: 33
 Ion Ratio Lower Upper
 278 100
 139 176.6 15.4 23.0#
 279 114.3 18.8 28.2#

