

Data Path : Z:\HPCHEM1\BNA_E\Data\BE062416\
 Data File : BE091950.D
 Acq On : 24 Jun 2016 17:20
 Operator : UM/SJ
 Sample : PB91612BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB91612BL

Quant Time: Jun 24 19:15:40 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 15 12:00:38 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	30943	5.00	ng	0.02
8) Naphthalene-d8	11.02	136	147076	5.00	ng	0.03
15) Acenaphthene-d10	14.86	164	100834	5.00	ng	0.00
24) Phenanthrene-d10	17.61	188	190831	5.00	ng	0.00
31) Chrysene-d12	21.76	240	277488	5.00	ng	0.00
40) Perylene-d12	24.17	264	206526	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.72	112	50569	8.36	ng	0.00
5) Phenol-d6	7.37	99	74484	7.51	ng	0.02
9) Nitrobenzene-d5	9.37	82	42307	4.17	ng	0.00
16) 2,4,6-Tribromophenol	16.35	330	21878	8.33	ng	0.00
17) 2-Fluorobiphenyl	13.48	172	99865	3.90	ng	0.00
34) Terphenyl-d14	20.22	244	134512	3.96	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.47	88	133	0.03	ng	# 65
6) bis(2-Chloroethyl)ether	7.63	93	226	0.03	ng	# 92
7) n-Nitroso-di-n-propylamine	9.02	70	273	0.16	ng	# 78
10) Nitrobenzene	9.42	77	469	0.09	ng	# 66
11) bis(2-Chloroethoxy)methane	10.45	93	975	0.08	ng	# 2
12) Naphthalene	11.05	128	997	0.03	ng	# 73
13) Hexachlorobutadiene	11.34	225	172	0.03	ng	# 94
14) 2-Methylnaphthalene	12.69	142	785	0.04	ng	# 90
18) Acenaphthylene	14.59	152	4577	0.04	ng	# 76
19) 2,6-Dinitrotoluene	14.04	165	3388	0.39	ng	# 10
20) Acenaphthene	14.92	154	1494	0.05	ng	# 1
21) 2,4-Dinitrotoluene	14.86	165	47587	2.42	ng	# 1
22) Fluorene	15.91	166	1195	0.04	ng	# 99
23) 4-Chlorophenyl-phenylether	15.91	204	517	0.04	ng	# 92
25) 4-Bromophenyl-phenylether	16.80	248	348	0.05	ng	# 92
26) Hexachlorobenzene	16.92	284	339	0.04	ng	# 90
27) Pentachlorophenol	17.26	266	262	0.20	ng	# 95
28) Phenanthrene	17.73	178	1751	0.04	ng	# 98
29) Anthracene	17.73	178	1867	0.04	ng	# 98
30) Fluoranthene	19.65	202	10050	0.05	ng	# 83
32) Benzidine	19.86	184	343	0.12	ng	# 1
33) Pyrene	20.02	202	9820	0.05	ng	# 73
35) Benzo(a)anthracene	21.79	228	6348	0.15	ng	# 67
36) 3,3'-Dichlorobenzidine	21.70	252	1000	0.14	ng	# 93
37) Chrysene	21.79	228	6382	0.10	ng	# 76
38) Bis(2-ethylhexyl)phthalate	21.64	149	6368	0.16	ng	# 100
39) Indeno(1,2,3-cd)pyrene	26.68	276	12258	0.06	ng	# 93
41) Benzo(b)fluoranthene	23.43	252	3086	0.06	ng	# 25
42) Benzo(k)fluoranthene	23.48	252	2528	0.05	ng	# 33
43) Benzo(a)pyrene	24.06	252	2514	0.05	ng	# 21
44) Dibenzo(a,h)anthracene	26.72	278	2535	0.06	ng	# 31
45) Benzo(g,h,i)perylene	27.47	276	10336	0.06	ng	# 57

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 15 12:00:38 2016
Response via : Initial Calibration

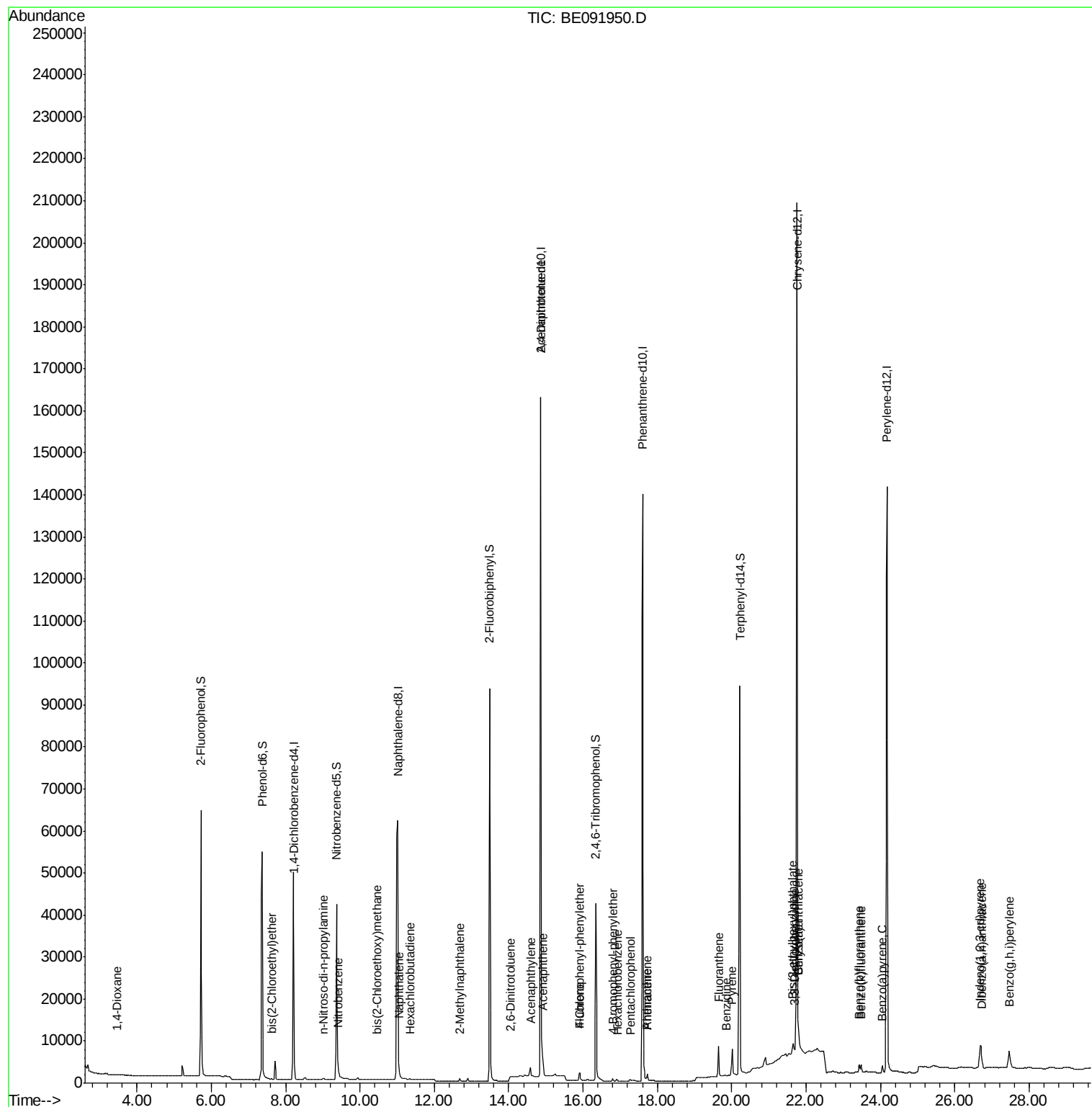
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.22 min Scan# 324

Delta R.T. 0.02 min

Lab File: BE091950.D

Acq: 24 Jun 2016 17:20

Instrument :

BNA_E

ClientSampleId :

PB91612BL

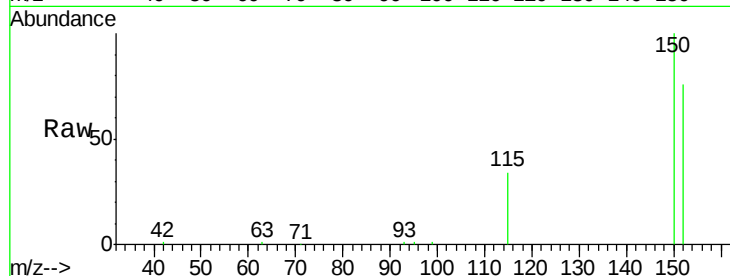
Tgt Ion:152 Resp: 30943

Ion Ratio Lower Upper

152 100

150 131.1 123.9 185.9

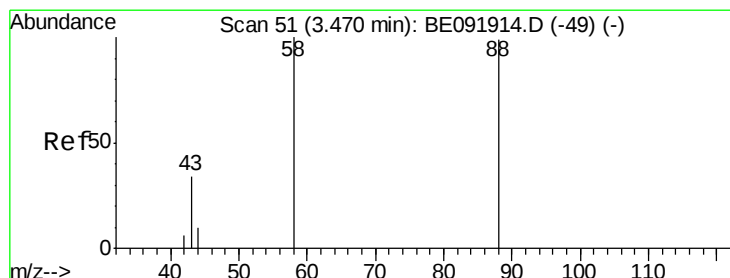
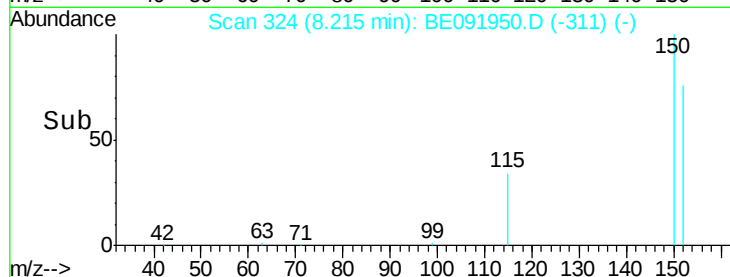
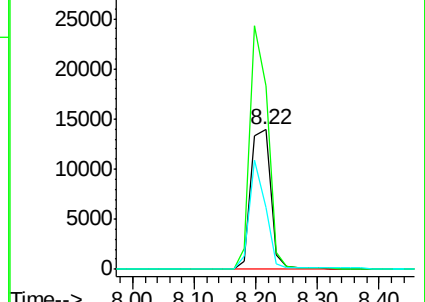
115 44.5 48.3 72.5#



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



#2

1,4-Dioxane

Concen: 0.03 ng

RT: 3.47 min Scan# 51

Delta R.T. -0.00 min

Lab File: BE091950.D

Acq: 24 Jun 2016 17:20

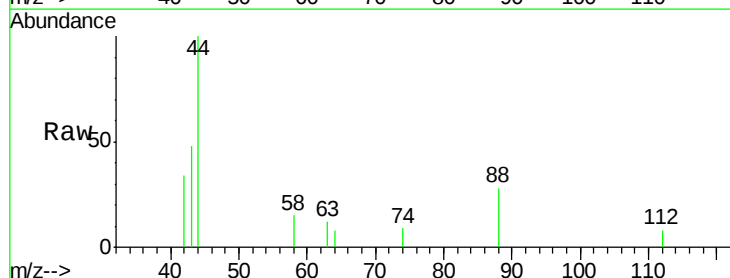
Tgt Ion: 88 Resp: 133

Ion Ratio Lower Upper

88 100

58 58.6 63.0 94.4#

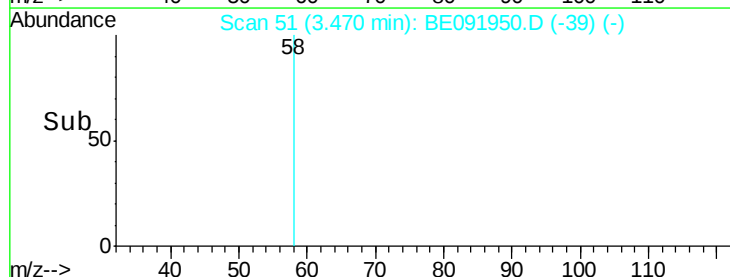
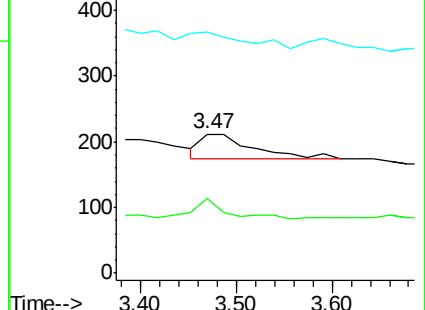
43 0.0 29.1 43.7#

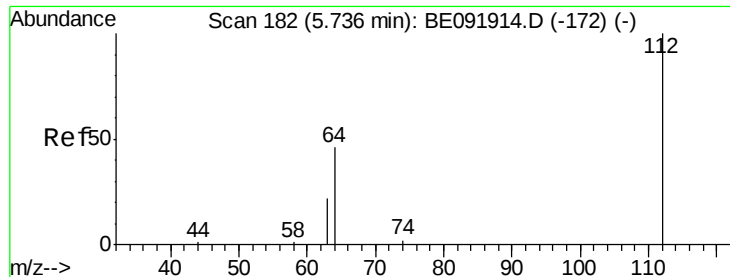


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 8.36 ng

RT: 5.72 min Scan# 181

Delta R.T. -0.00 min

Lab File: BE091950.D

Acq: 24 Jun 2016 17:20

Instrument :

BNA_E

ClientSampleId :

PB91612BL

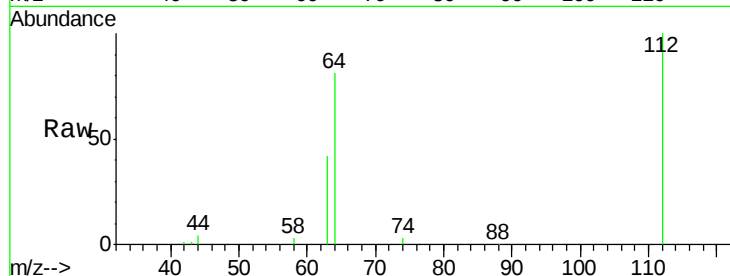
Tgt Ion: 112 Resp: 50569

Ion Ratio Lower Upper

112 100

64 69.1 53.7 80.5

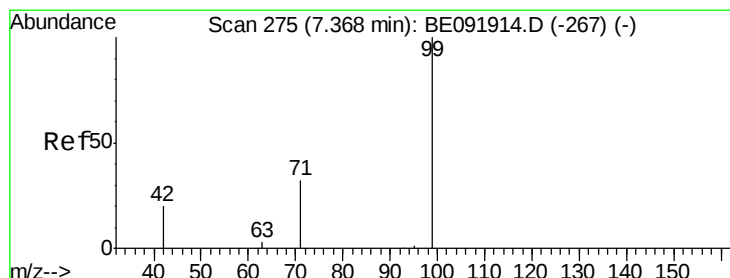
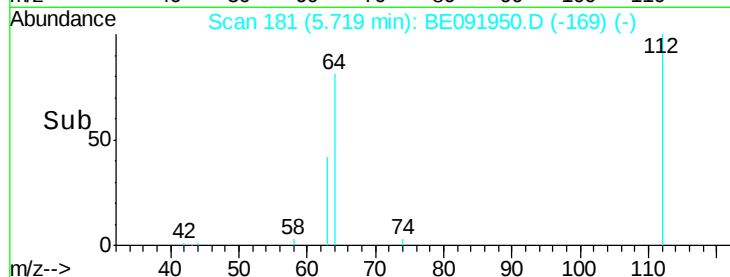
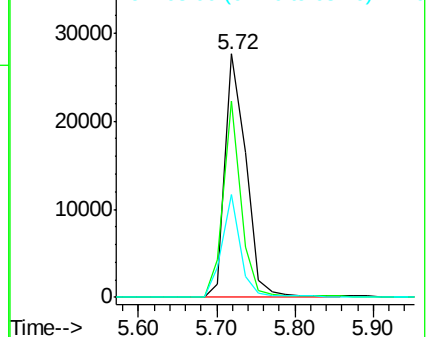
63 36.6 29.5 44.3



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 7.51 ng

RT: 7.37 min Scan# 275

Delta R.T. 0.02 min

Lab File: BE091950.D

Acq: 24 Jun 2016 17:20

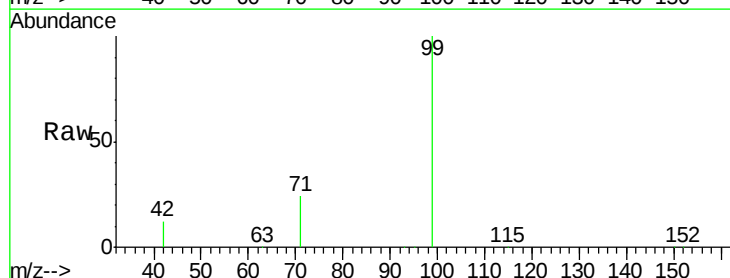
Tgt Ion: 99 Resp: 74484

Ion Ratio Lower Upper

99 100

42 25.0 19.6 29.4

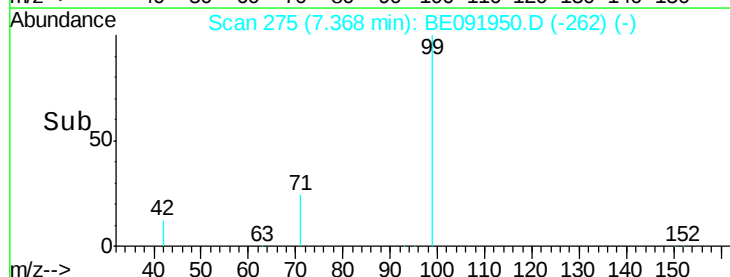
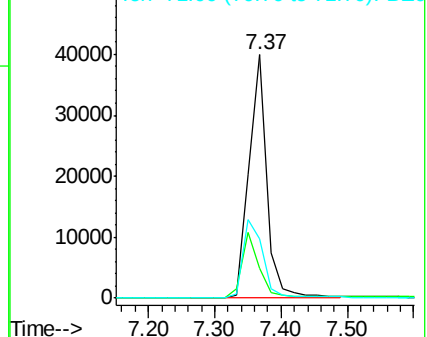
71 35.6 28.1 42.1

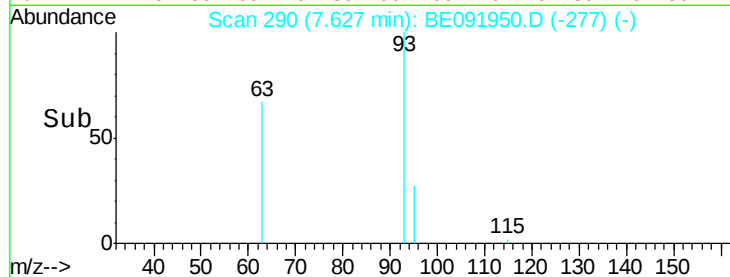
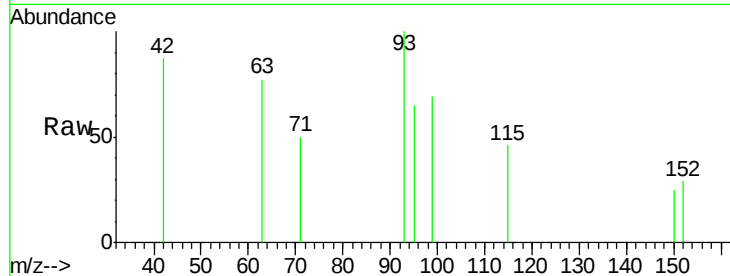
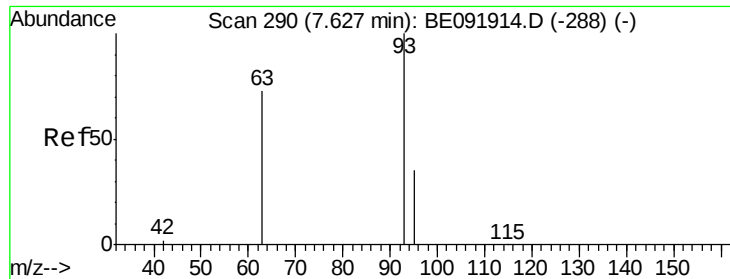


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.03 ng

RT: 7.63 min Scan# 290

Delta R.T. 0.02 min

Lab File: BE091950.D

Acq: 24 Jun 2016 17:20

Instrument :

BNA_E

ClientSampleId :

PB91612BL

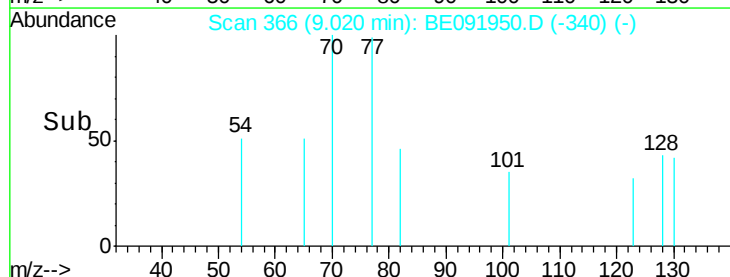
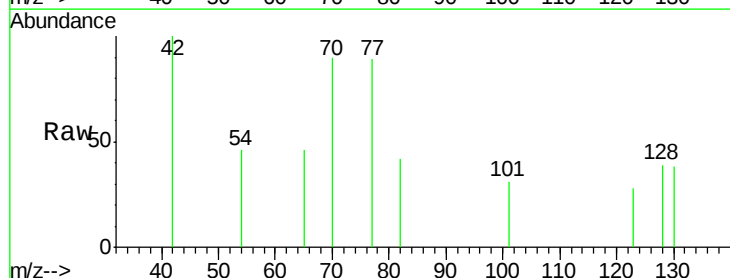
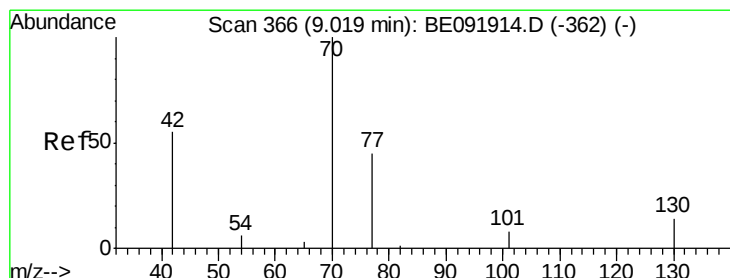
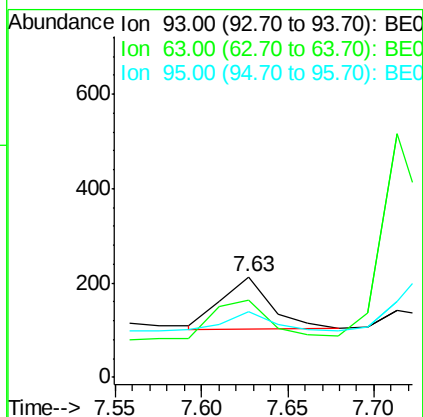
Tgt Ion: 93 Resp: 226

Ion Ratio Lower Upper

93 100

63 90.7 66.2 99.4

95 35.8 25.5 38.3



#7

n-Nitroso-di-n-propylamine

Concen: 0.16 ng

RT: 9.02 min Scan# 366

Delta R.T. 0.02 min

Lab File: BE091950.D

Acq: 24 Jun 2016 17:20

Tgt Ion: 70 Resp: 273

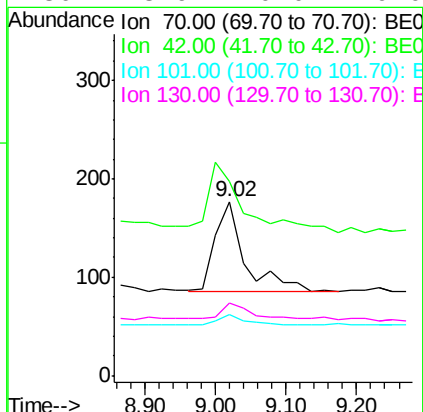
Ion Ratio Lower Upper

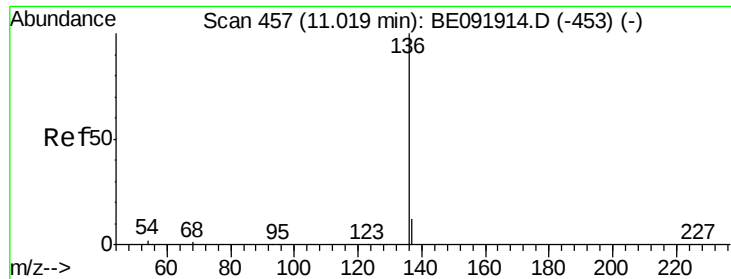
70 100

42 91.9 58.4 87.6#

101 12.8 6.4 9.6#

130 13.9 0.0 0.0#





#8

Naphthalene-d8

Concen: 5.00 ng

RT: 11.02 min Scan# 457

Delta R.T. 0.03 min

Lab File: BE091950.D

Acq: 24 Jun 2016 17:20

Instrument :

BNA_E

ClientSampleId :

PB91612BL

Tgt Ion: 136 Resp: 147076

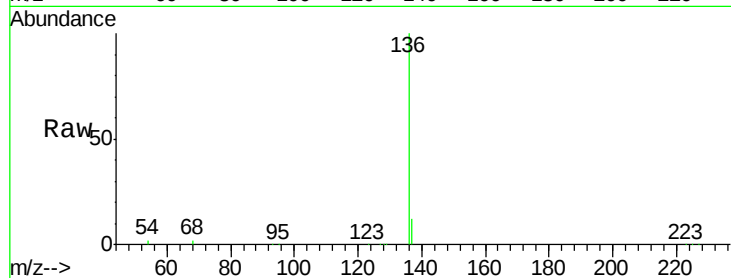
Ion Ratio Lower Upper

136 100

137 12.2 8.3 12.5

54 1.8 8.2 12.4#

68 1.5 5.9 8.9#

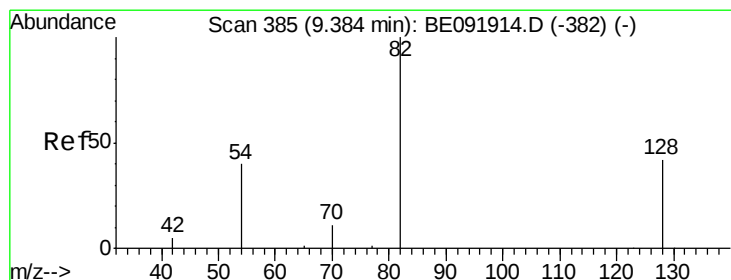
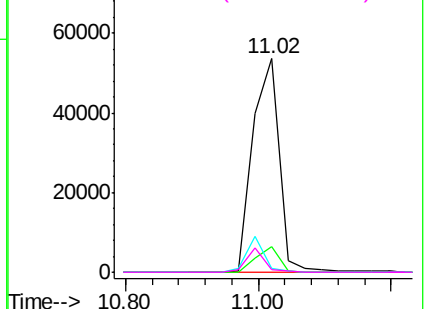
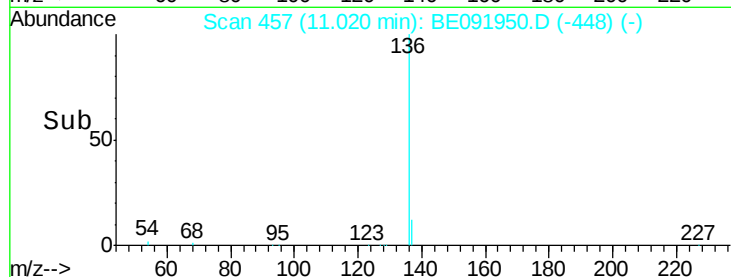


Abundance Ion 136.00 (135.70 to 136.70): E

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



#9

Nitrobenzene-d5

Concen: 4.17 ng

RT: 9.37 min Scan# 384

Delta R.T. -0.00 min

Lab File: BE091950.D

Acq: 24 Jun 2016 17:20

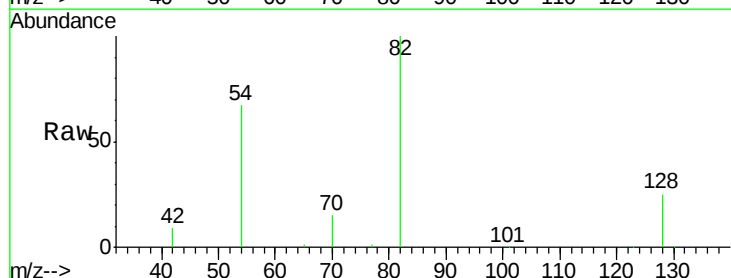
Tgt Ion: 82 Resp: 42307

Ion Ratio Lower Upper

82 100

128 24.9 39.5 59.3#

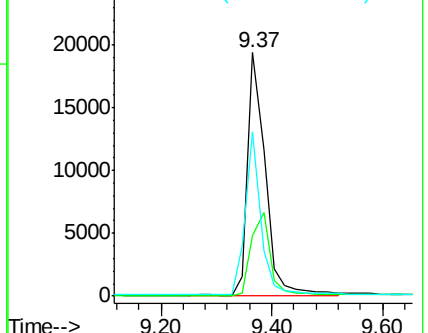
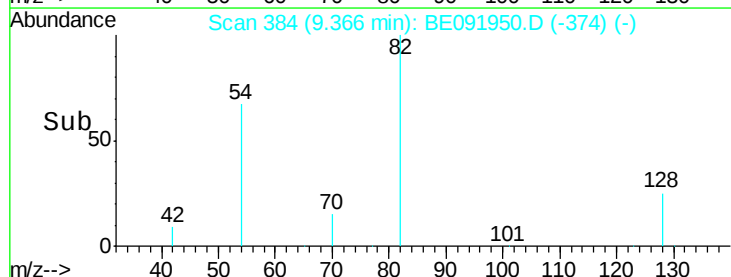
54 67.4 30.3 45.5#

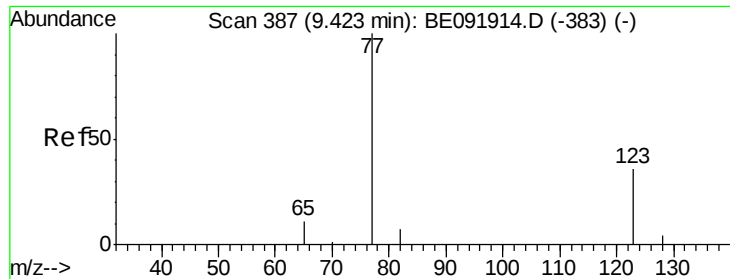


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

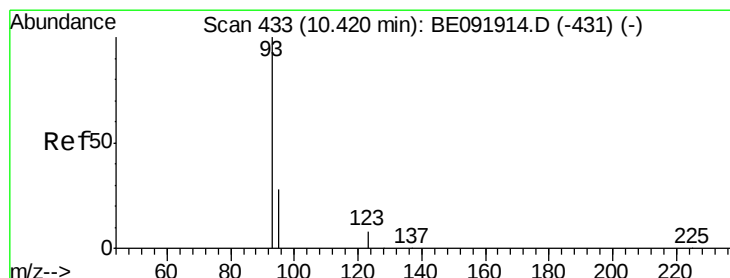
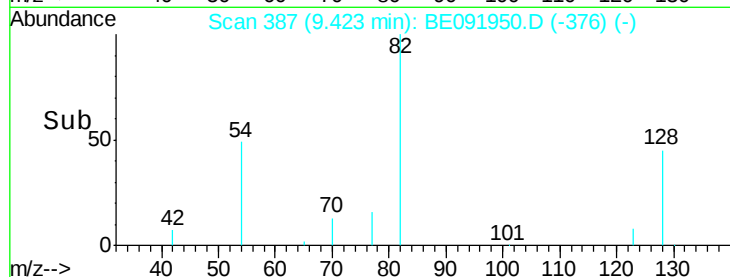
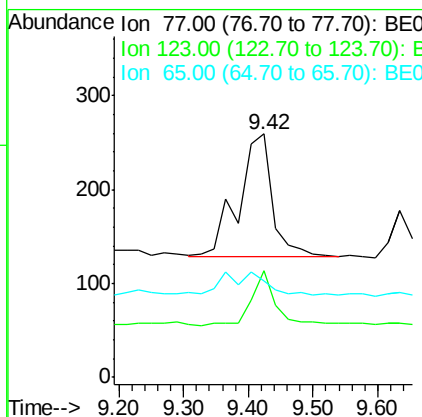
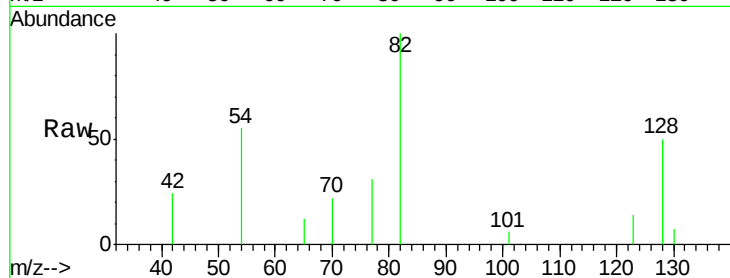




#10
Nitrobenzene
Concen: 0.09 ng
RT: 9.42 min Scan# 387
Delta R.T. 0.02 min
Lab File: BE091950.D
Acq: 24 Jun 2016 17:20

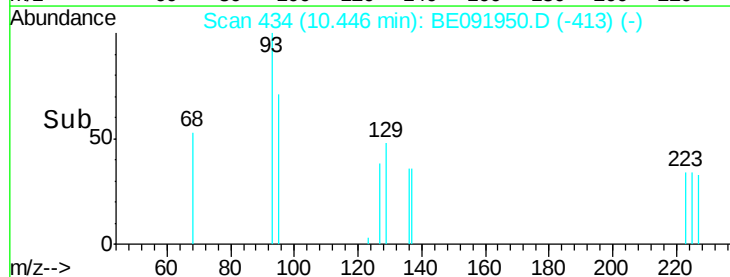
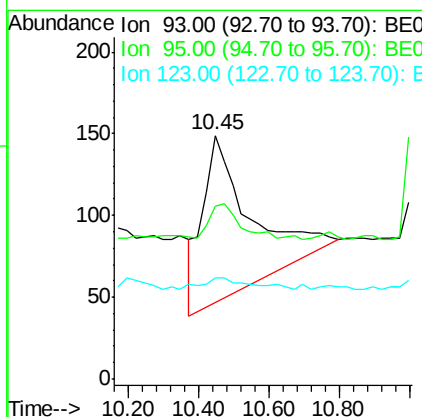
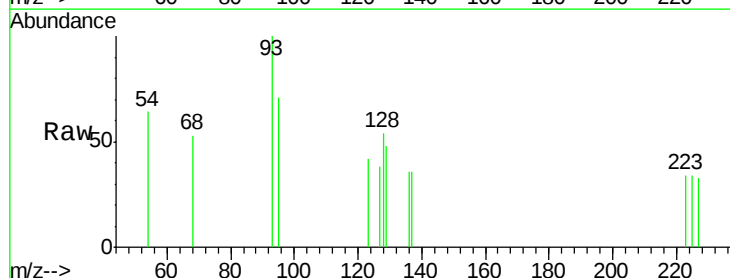
Instrument :
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ClientSampled :
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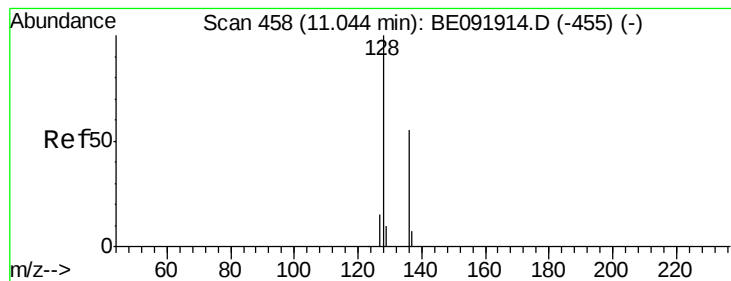
Tgt Ion: 77 Resp: 469
Ion Ratio Lower Upper
77 100
123 32.6 0.0 0.0#
65 0.0 11.1 16.7#



#11
bis(2-Chloroethoxy)methane
Concen: 0.08 ng
RT: 10.45 min Scan# 434
Delta R.T. 0.03 min
Lab File: BE091950.D
Acq: 24 Jun 2016 17:20

Tgt Ion: 93 Resp: 975
Ion Ratio Lower Upper
93 100
95 0.0 57.6 86.4#
123 6.5 100.2 150.4#





#12

Naphthalene

Concen: 0.03 ng

RT: 11.05 min Scan# 458

Delta R.T. 0.00 min

Lab File: BE091950.D

Acq: 24 Jun 2016 17:20

Instrument :

BNA_E

ClientSampleId :

PB91612BL

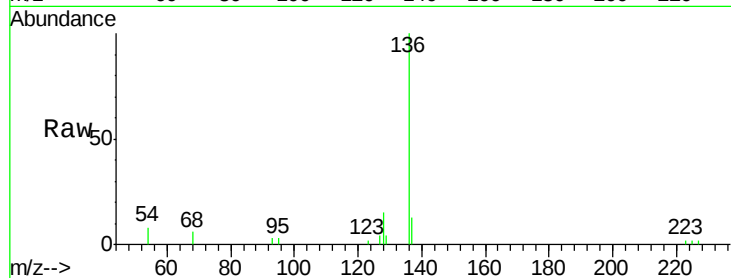
Tgt Ion:128 Resp: 997

Ion Ratio Lower Upper

128 100

129 23.1 10.4 15.6#

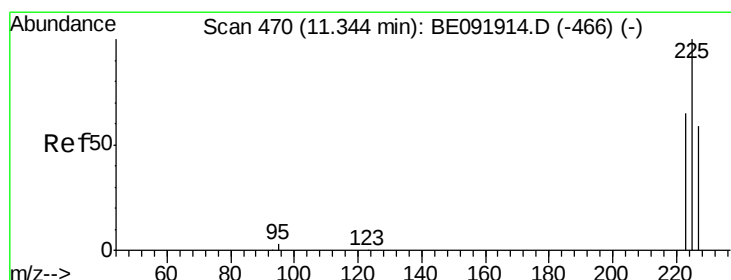
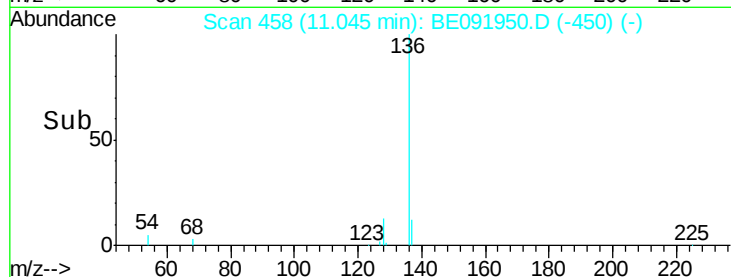
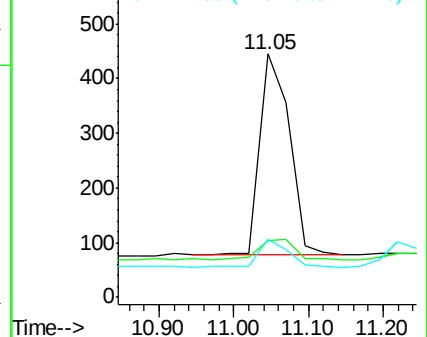
127 24.0 10.2 15.2#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#13

Hexachlorobutadiene

Concen: 0.03 ng

RT: 11.34 min Scan# 470

Delta R.T. 0.00 min

Lab File: BE091950.D

Acq: 24 Jun 2016 17:20

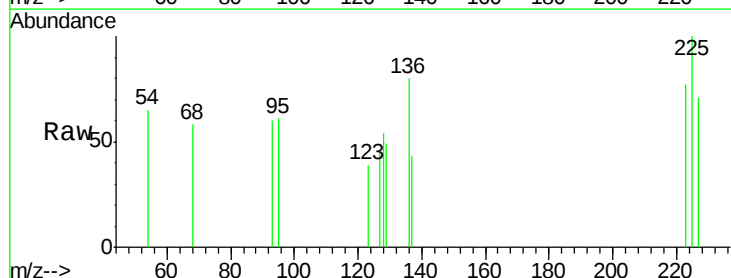
Tgt Ion:225 Resp: 172

Ion Ratio Lower Upper

225 100

223 70.3 49.8 74.8

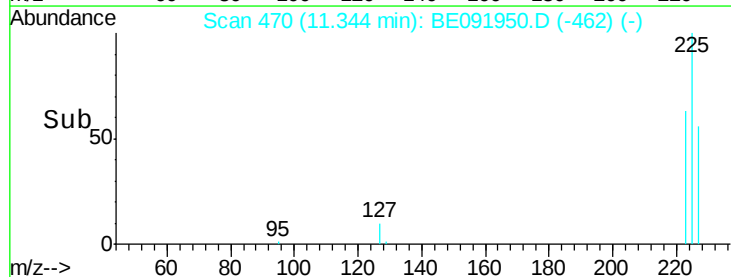
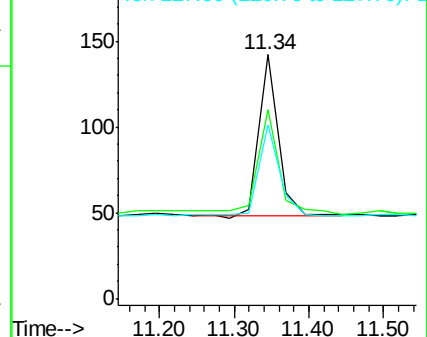
227 61.6 50.6 75.8

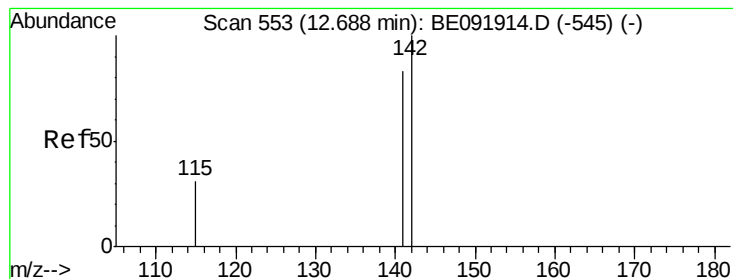


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#14

2-Methylnaphthalene

Concen: 0.04 ng

RT: 12.69 min Scan# 553

Delta R.T. 0.01 min

Lab File: BE091950.D

Acq: 24 Jun 2016 17:20

Instrument :

BNA_E

ClientSampleId :

PB91612BL

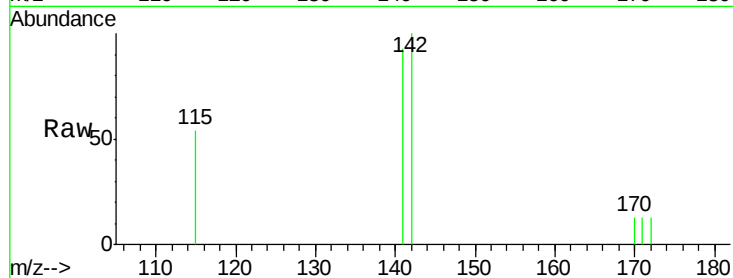
Tgt Ion:142 Resp: 785

Ion Ratio Lower Upper

142 100

141 92.8 71.9 107.9

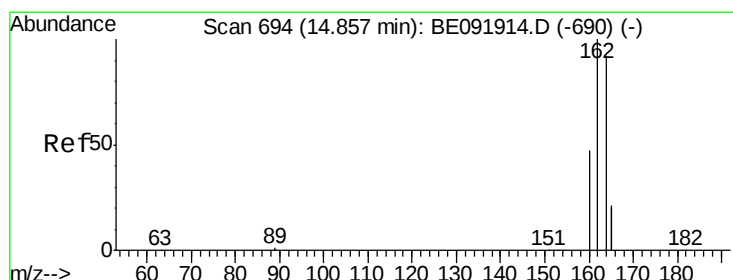
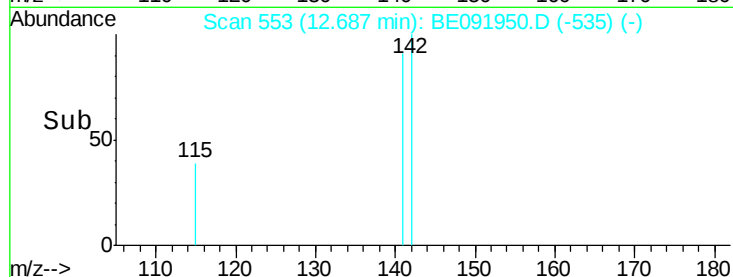
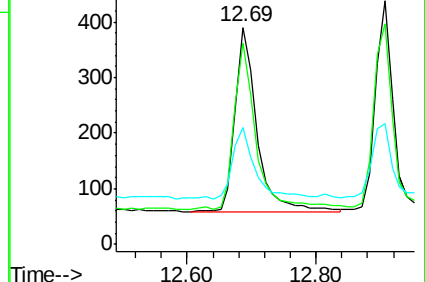
115 53.8 29.9 44.9#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#15

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.86 min Scan# 694

Delta R.T. -0.00 min

Lab File: BE091950.D

Acq: 24 Jun 2016 17:20

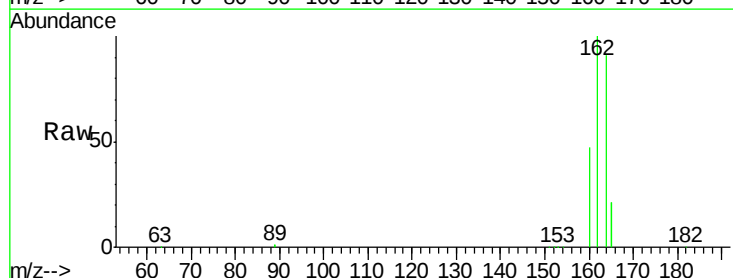
Tgt Ion:164 Resp: 100834

Ion Ratio Lower Upper

164 100

162 109.9 71.8 107.8#

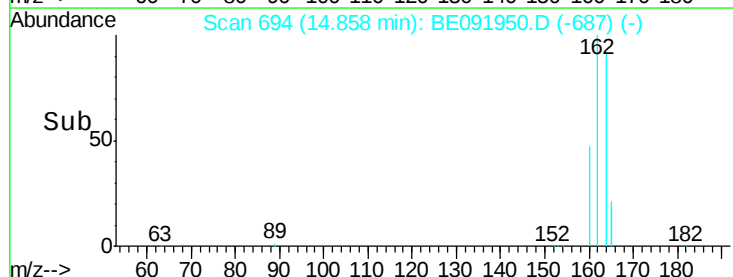
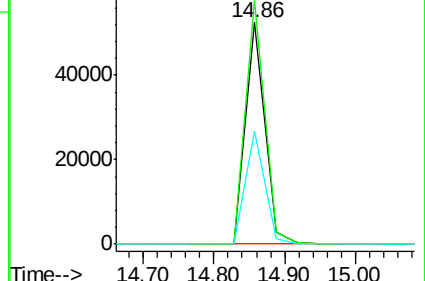
160 51.2 28.0 42.0#

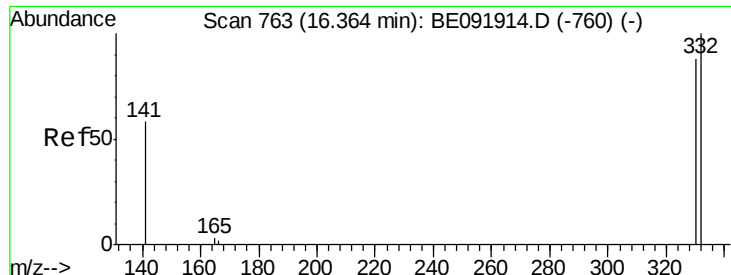


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

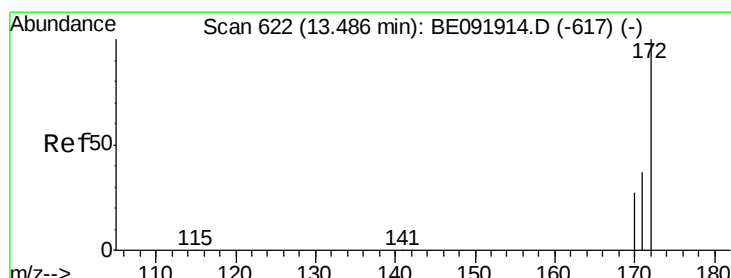
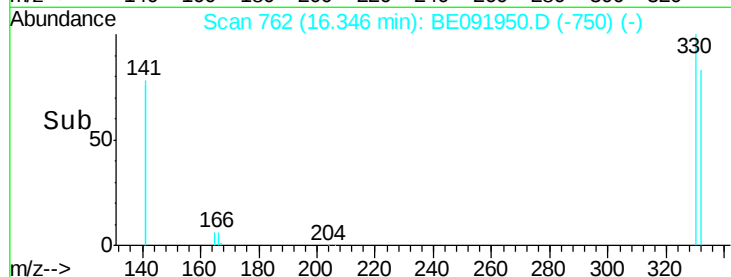
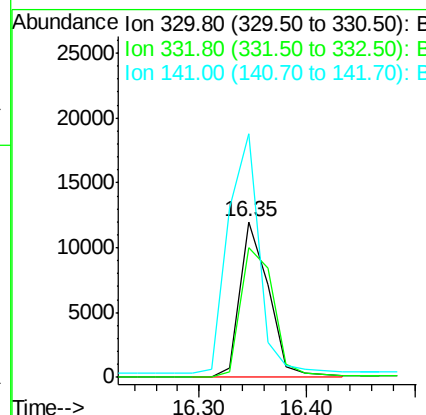
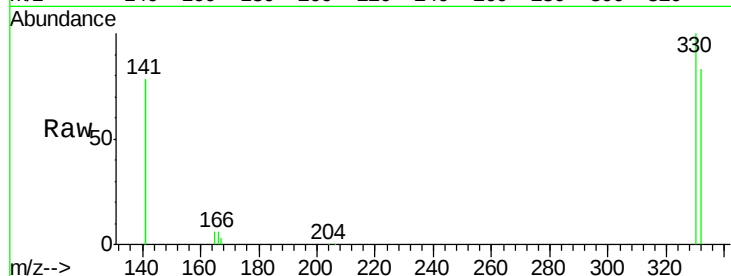




#16
 2,4,6-Tribromophenol
 Concen: 8.33 ng
 RT: 16.35 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BE091950.D
 Acq: 24 Jun 2016 17:20

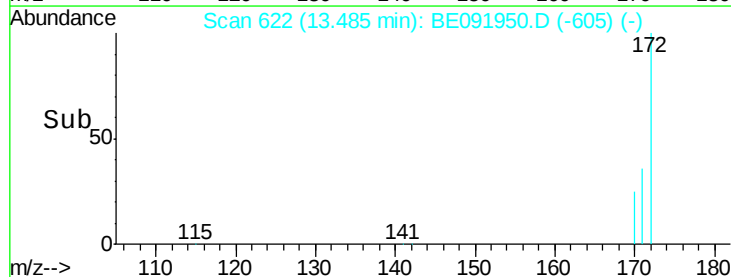
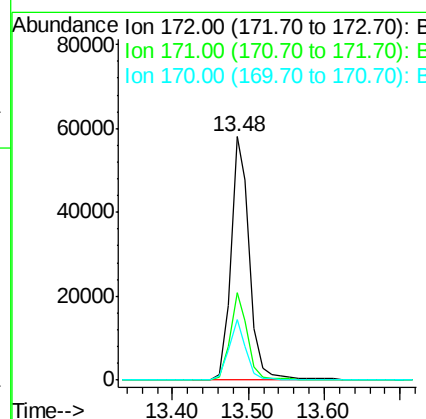
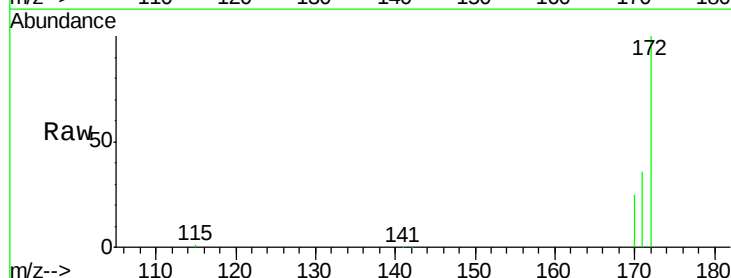
Instrument :
 BNA_E
 ClientSampleId :
 PB91612BL

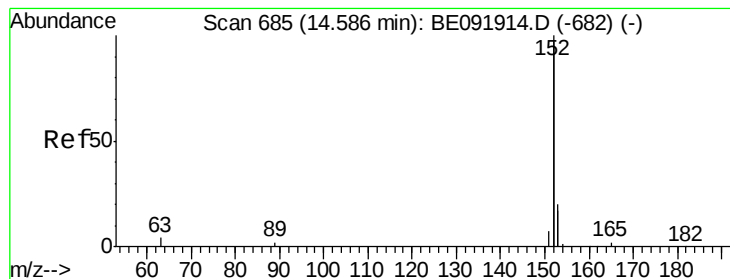
Tgt Ion:330 Resp: 21878
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 166.6 138.4 207.6



#17
 2-Fluorobiphenyl
 Concen: 3.90 ng
 RT: 13.48 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BE091950.D
 Acq: 24 Jun 2016 17:20

Tgt Ion:172 Resp: 99865
 Ion Ratio Lower Upper
 172 100
 171 36.1 24.3 36.5
 170 24.9 14.9 22.3#





#18

Acenaphthylene

Concen: 0.04 ng

RT: 14.59 min Scan# 685

Delta R.T. 0.03 min

Lab File: BE091950.D

Acq: 24 Jun 2016 17:20

Instrument :

BNA_E

ClientSampleId :

PB91612BL

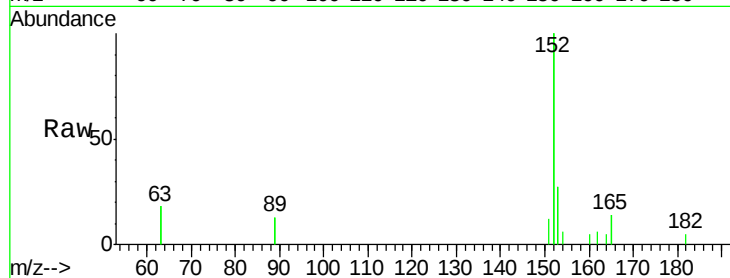
Tgt Ion:152 Resp: 4577

Ion Ratio Lower Upper

152 100

151 5.4 19.4 29.2#

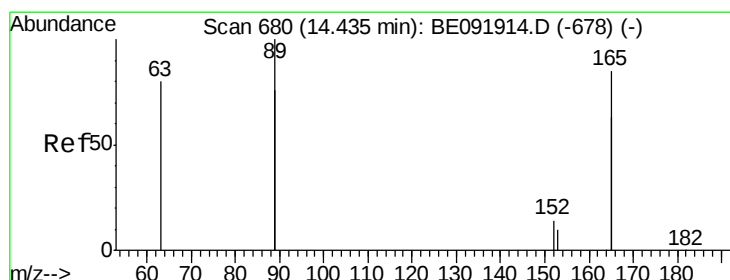
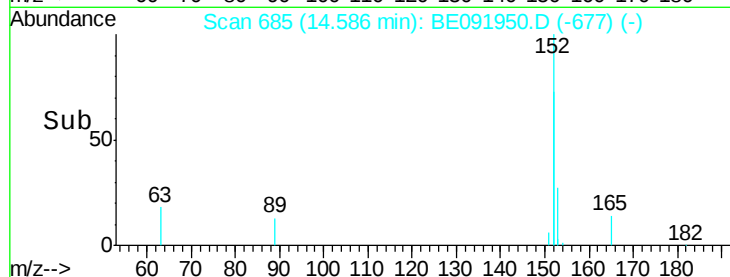
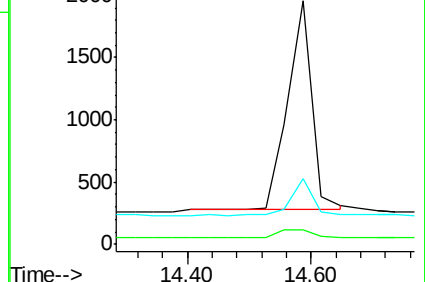
153 15.8 14.4 21.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#19

2,6-Dinitrotoluene

Concen: 0.39 ng

RT: 14.04 min Scan# 667

Delta R.T. -0.39 min

Lab File: BE091950.D

Acq: 24 Jun 2016 17:20

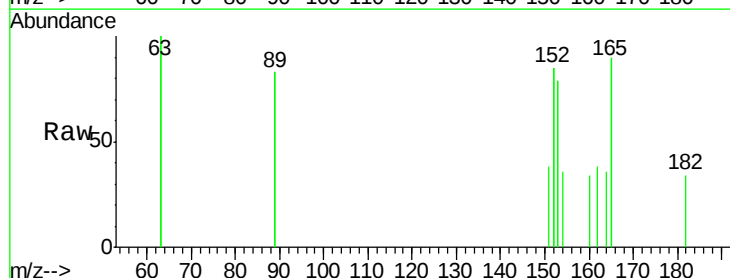
Tgt Ion:165 Resp: 3388

Ion Ratio Lower Upper

165 100

63 0.0 65.9 98.9#

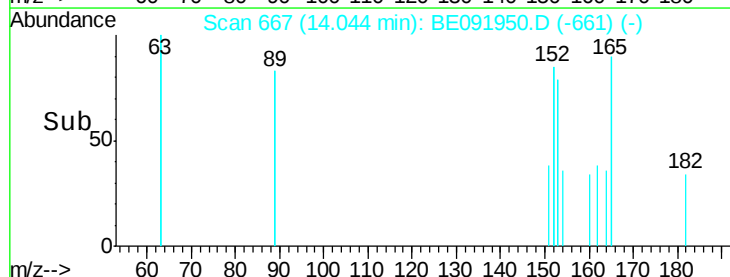
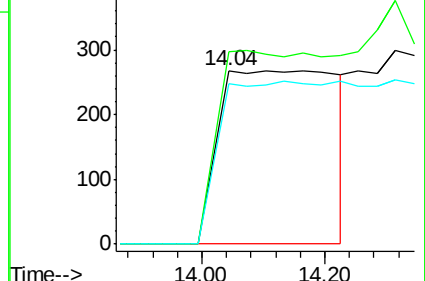
89 0.0 59.1 88.7#

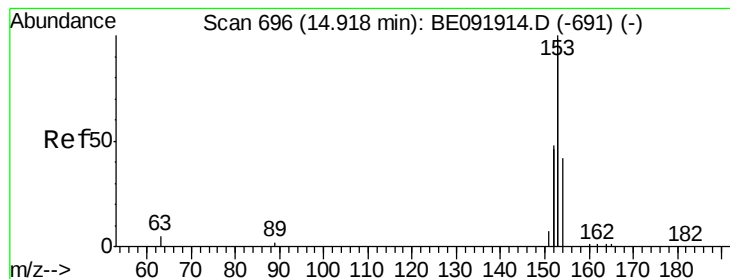


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BE0

Ion 89.00 (88.70 to 89.70): BE0





#20

Acenaphthene

Concen: 0.05 ng

RT: 14.92 min Scan# 696

Delta R.T. -0.00 min

Lab File: BE091950.D

Acq: 24 Jun 2016 17:20

Instrument :

BNA_E

ClientSampleId :

PB91612BL

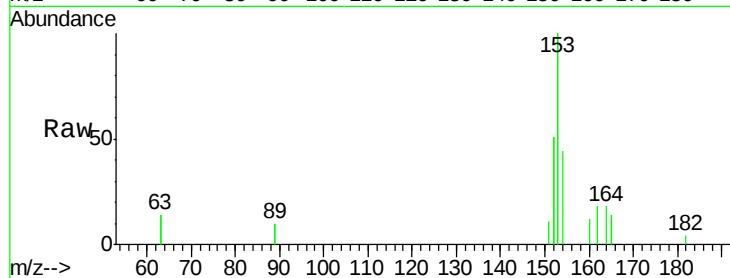
Tgt Ion:154 Resp: 1494

Ion Ratio Lower Upper

154 100

153 338.4 88.1 132.1#

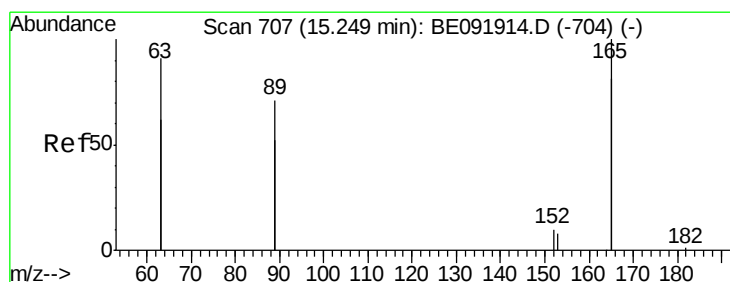
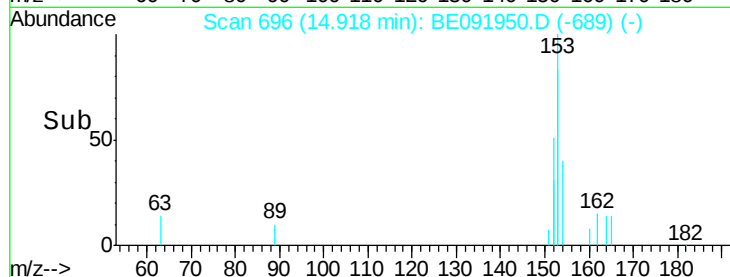
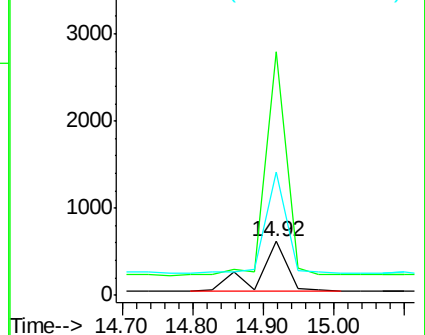
152 156.2 44.2 66.2#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#21

2,4-Dinitrotoluene

Concen: 2.42 ng

RT: 14.86 min Scan# 694

Delta R.T. -0.36 min

Lab File: BE091950.D

Acq: 24 Jun 2016 17:20

Tgt Ion:165 Resp: 47587

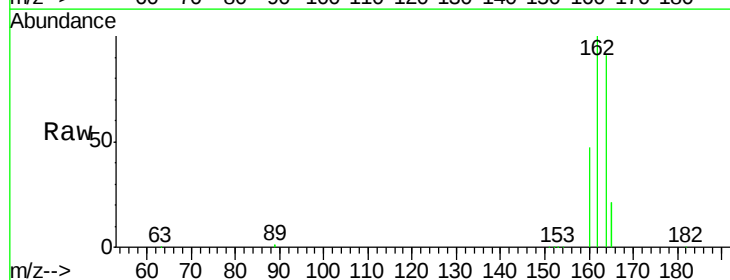
Ion Ratio Lower Upper

165 100

63 3.9 0.0 0.0#

89 1.9 99.8 149.8#

182 0.0 0.0 0.0

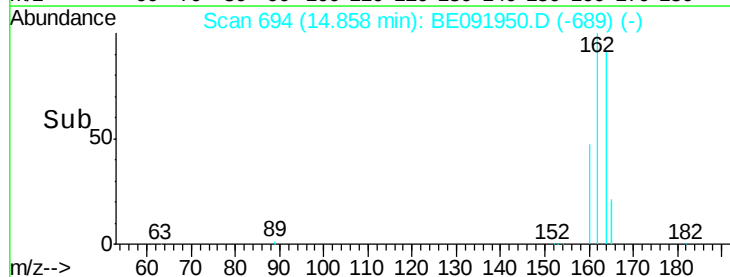
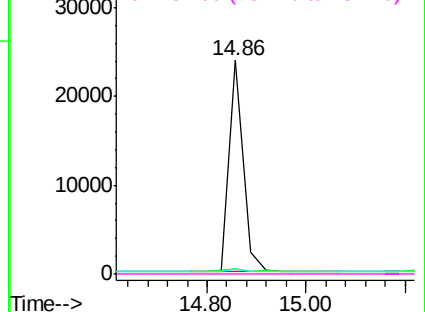


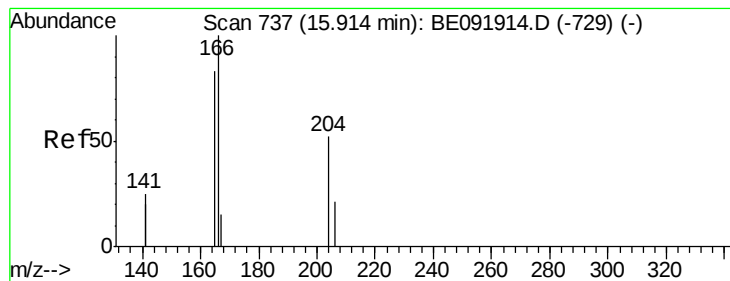
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BE0

Ion 89.00 (88.70 to 89.70): BE0

Ion 182.00 (181.70 to 182.70): E





#22

Fluorene

Concen: 0.04 ng

RT: 15.91 min Scan# 737

Delta R.T. 0.02 min

Lab File: BE091950.D

Acq: 24 Jun 2016 17:20

Instrument :

BNA_E

ClientSampleId :

PB91612BL

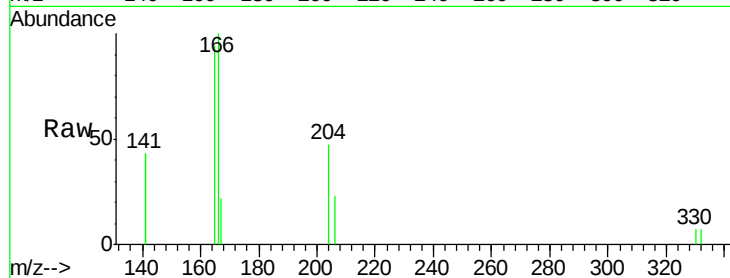
Tgt Ion:166 Resp: 1195

Ion Ratio Lower Upper

166 100

165 99.1 78.6 117.8

167 14.4 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

15.91

600

400

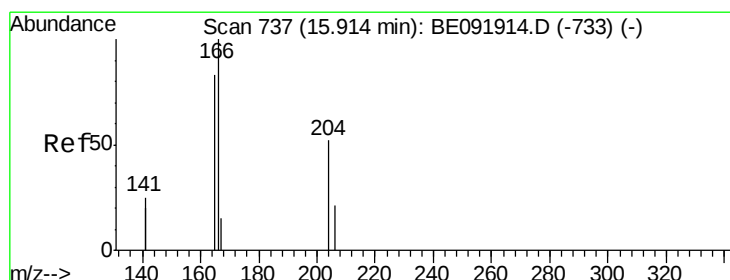
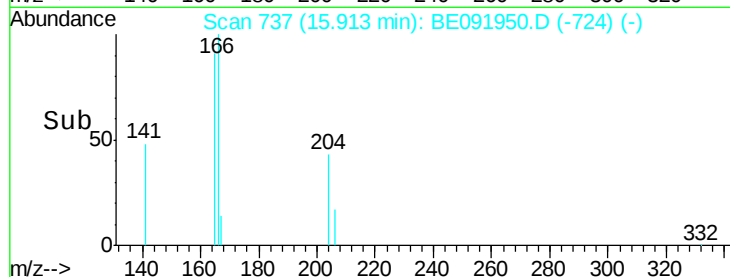
200

0

15.80

16.00

Time-->



#23

4-Chlorophenyl-phenylether

Concen: 0.04 ng

RT: 15.91 min Scan# 737

Delta R.T. 0.02 min

Lab File: BE091950.D

Acq: 24 Jun 2016 17:20

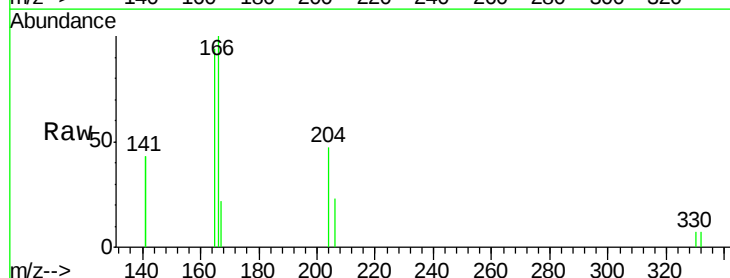
Tgt Ion:204 Resp: 517

Ion Ratio Lower Upper

204 100

206 33.7 27.8 41.6

141 262.3 197.6 296.4



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

15.91

1000

500

0

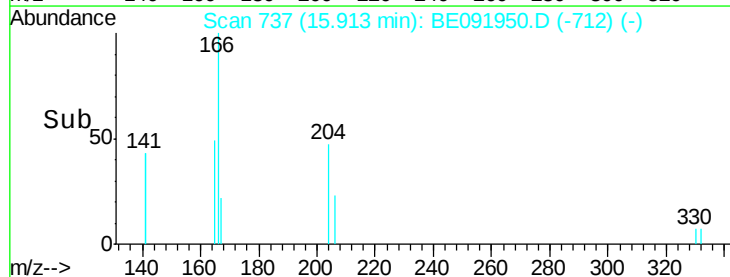
15.80

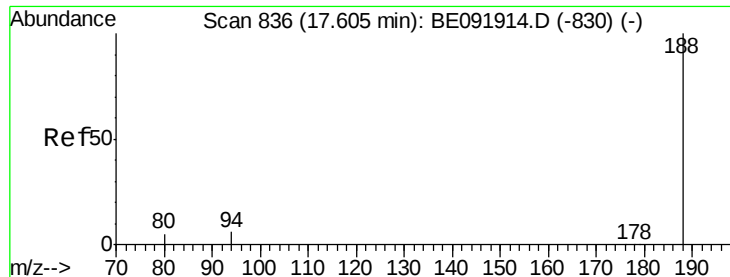
15.90

16.00

16.10

Time-->

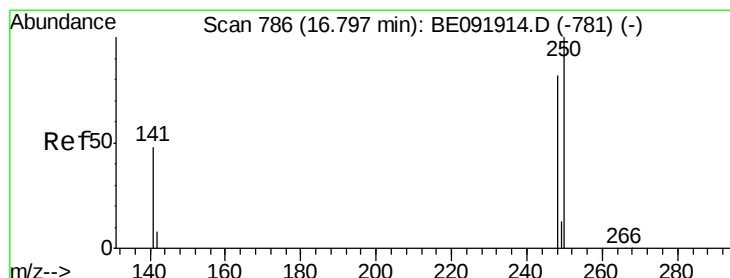
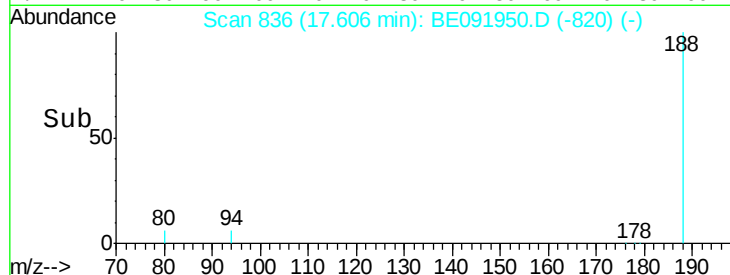
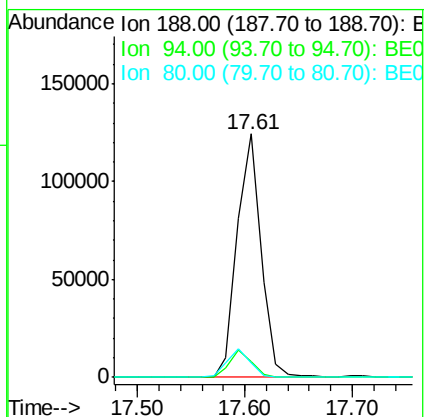
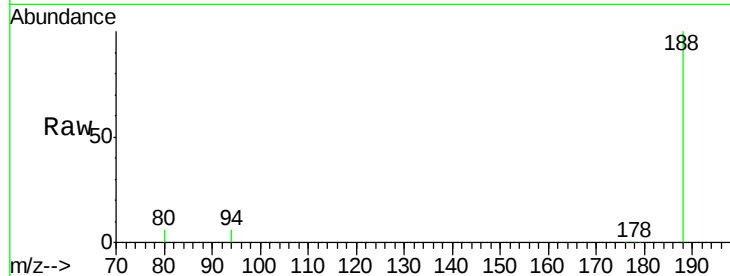




#24
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.61 min Scan# 836
Delta R.T. -0.00 min
Lab File: BE091950.D
Acq: 24 Jun 2016 17:20

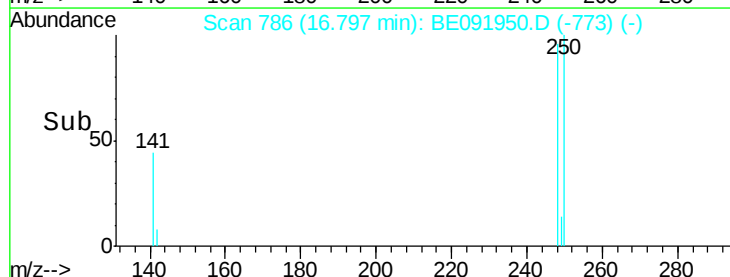
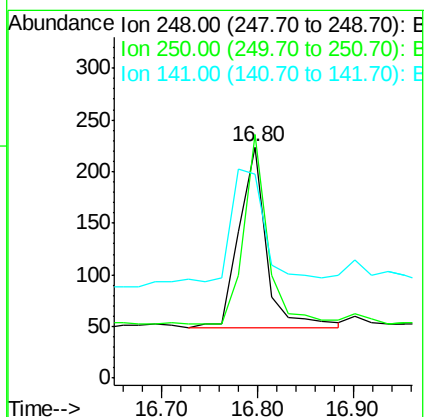
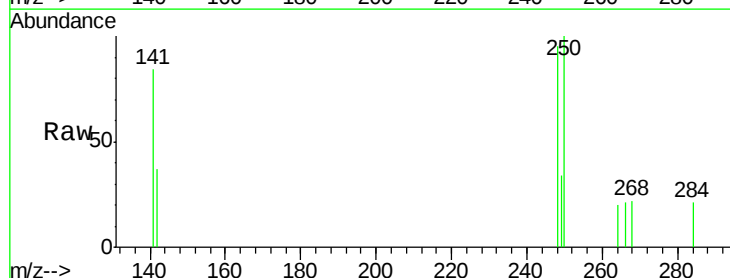
Instrument :
BNA_E
ClientSampleId :
PB91612BL

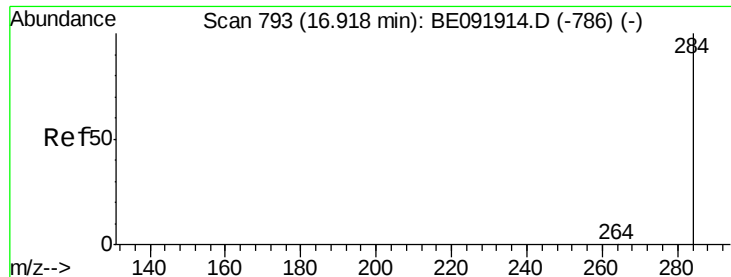
Tgt Ion:188 Resp: 190831
Ion Ratio Lower Upper
188 100
94 6.4 4.1 6.1#
80 5.9 3.4 5.2#



#25
4-Bromophenyl-phenylether
Concen: 0.05 ng
RT: 16.80 min Scan# 786
Delta R.T. 0.02 min
Lab File: BE091950.D
Acq: 24 Jun 2016 17:20

Tgt Ion:248 Resp: 348
Ion Ratio Lower Upper
248 100
250 88.2 75.7 113.5
141 90.2 64.6 97.0

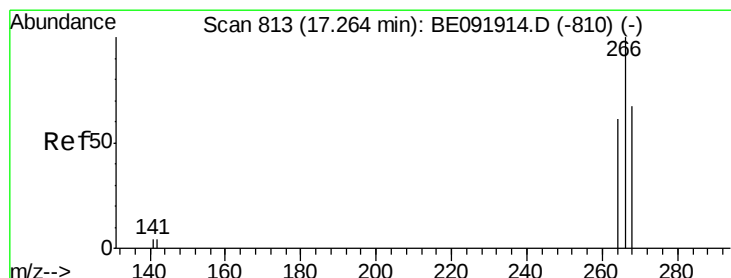
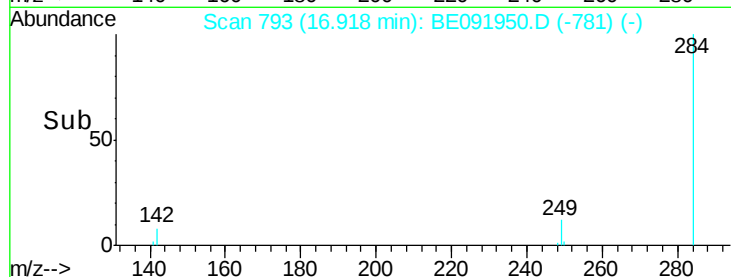
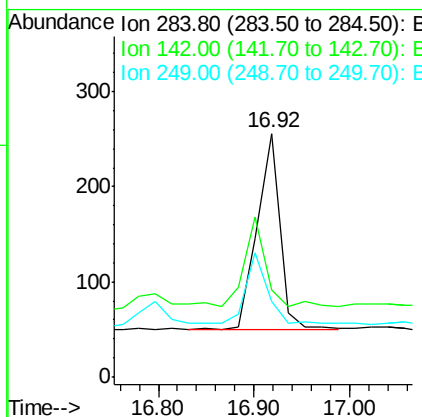
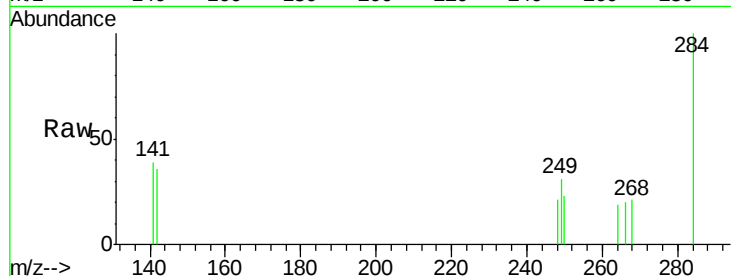




#26
Hexachlorobenzene
Concen: 0.04 ng
RT: 16.92 min Scan# 793
Delta R.T. -0.00 min
Lab File: BE091950.D
Acq: 24 Jun 2016 17:20

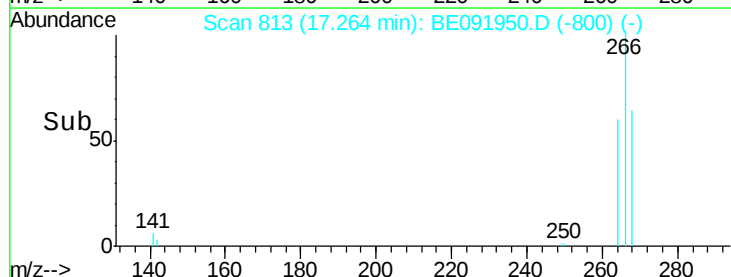
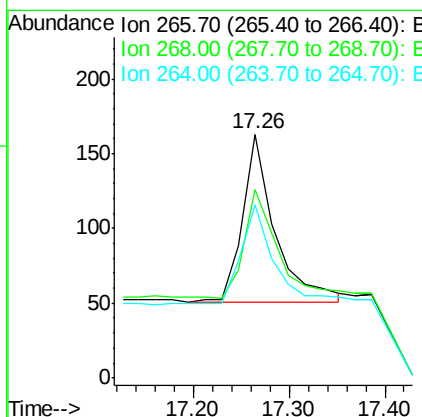
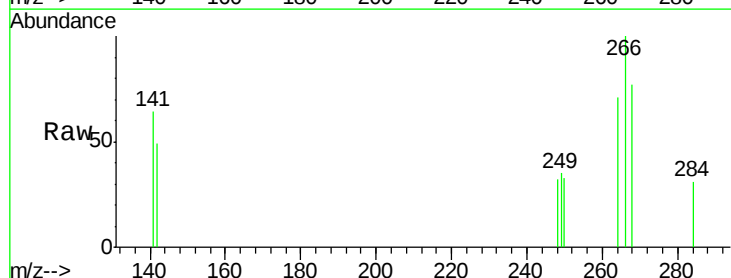
Instrument :
BNA_E
ClientSampleId :
PB91612BL

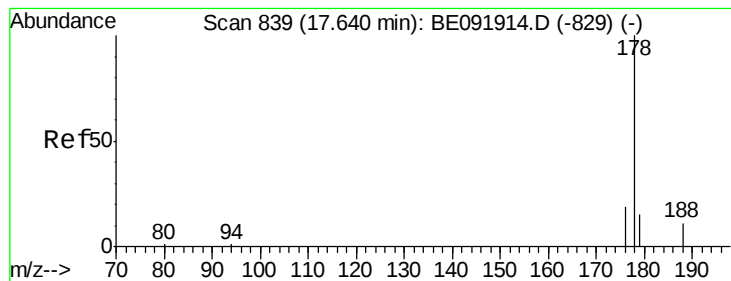
Tgt Ion: 284 Resp: 339
Ion Ratio Lower Upper
284 100
142 45.1 31.4 47.2
249 37.2 25.3 37.9



#27
Pentachlorophenol
Concen: 0.20 ng
RT: 17.26 min Scan# 813
Delta R.T. 0.02 min
Lab File: BE091950.D
Acq: 24 Jun 2016 17:20

Tgt Ion: 266 Resp: 262
Ion Ratio Lower Upper
266 100
268 77.3 60.5 90.7
264 71.2 51.0 76.4





#28

Phenanthrene

Concen: 0.04 ng

RT: 17.73 min Scan# 847

Delta R.T. 0.09 min

Lab File: BE091950.D

Acq: 24 Jun 2016 17:20

Instrument :

BNA_E

ClientSampleId :

PB91612BL

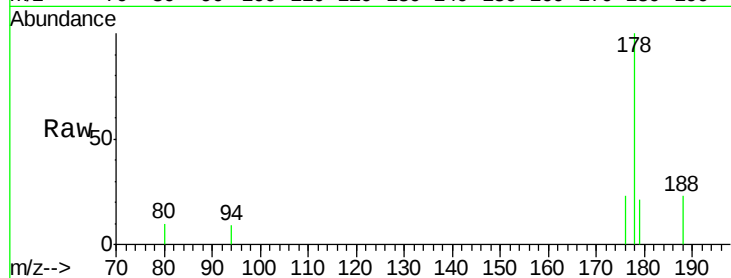
Tgt Ion:178 Resp: 1751

Ion Ratio Lower Upper

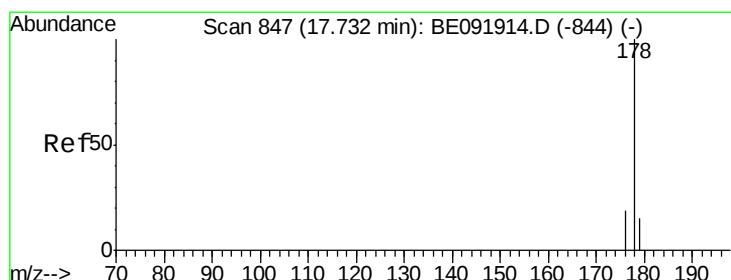
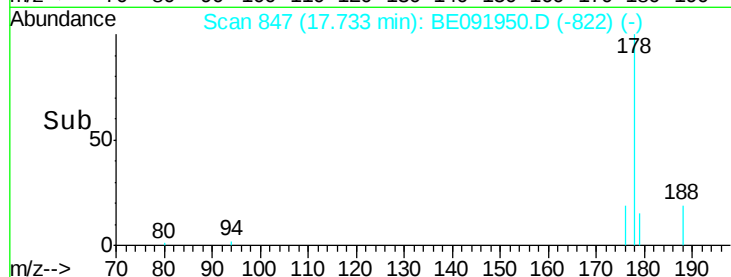
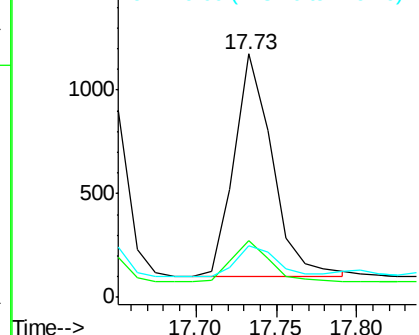
178 100

176 18.8 15.4 23.2

179 14.7 12.9 19.3



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#29

Anthracene

Concen: 0.04 ng

RT: 17.73 min Scan# 847

Delta R.T. -0.00 min

Lab File: BE091950.D

Acq: 24 Jun 2016 17:20

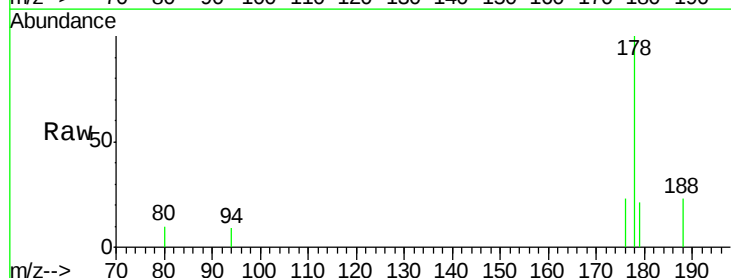
Tgt Ion:178 Resp: 1867

Ion Ratio Lower Upper

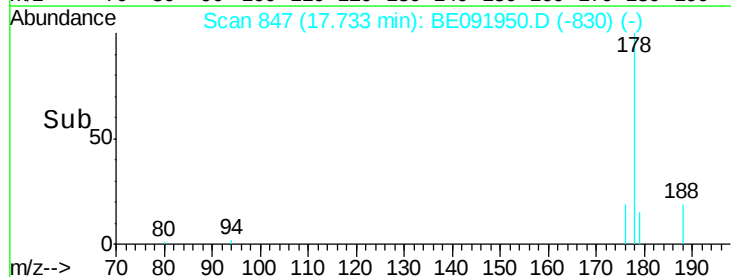
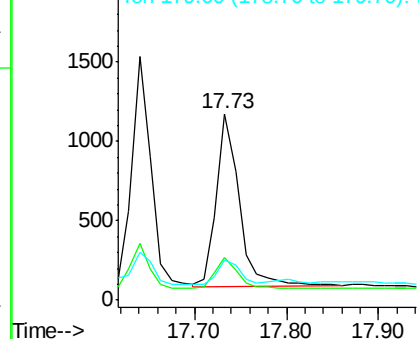
178 100

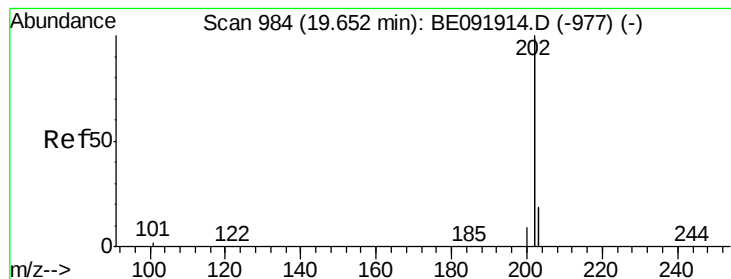
176 18.2 15.1 22.7

179 14.0 12.1 18.1



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

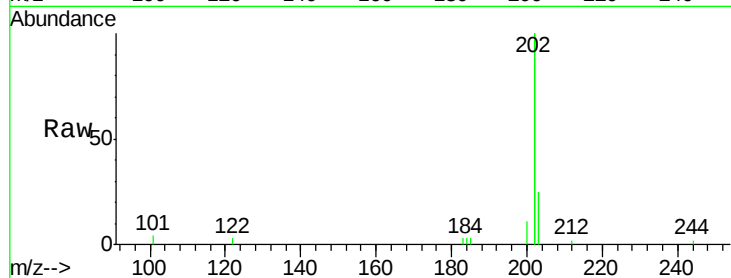




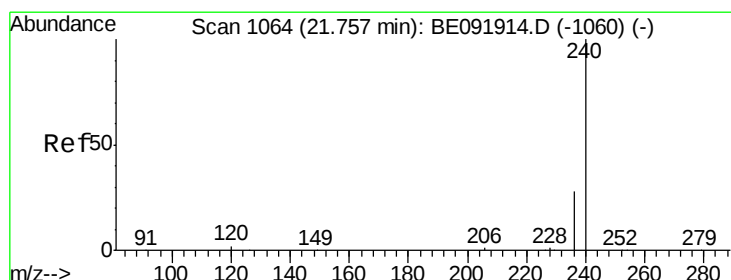
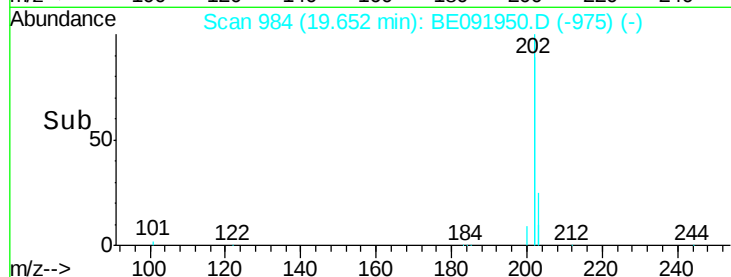
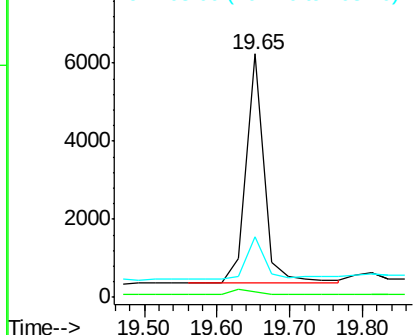
#30
 Fluoranthene
 Concen: 0.05 ng
 RT: 19.65 min Scan# 984
 Delta R.T. 0.00 min
 Lab File: BE091950.D
 Acq: 24 Jun 2016 17:20

Instrument :
 BNA_E
 ClientSampleId :
 PB91612BL

Tgt Ion: 202 Resp: 10050
 Ion Ratio Lower Upper
 202 100
 101 0.0 9.4 14.0#
 203 21.3 14.3 21.5

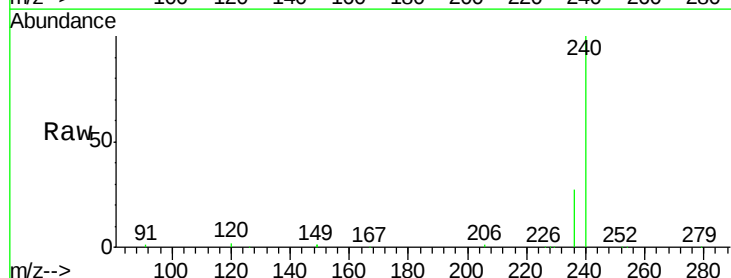


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

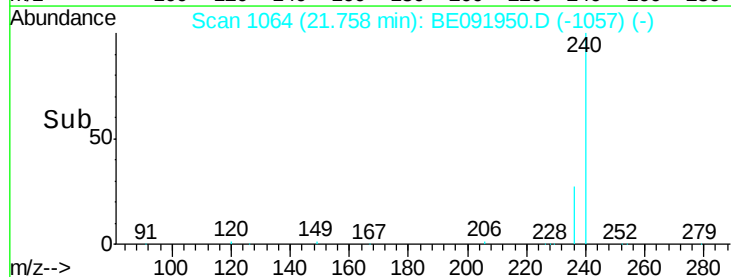
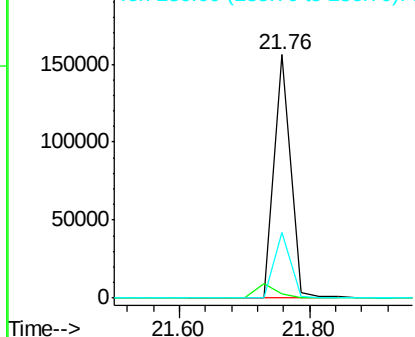


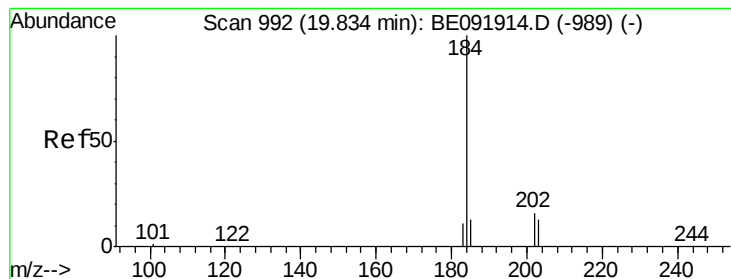
#31
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.76 min Scan# 1064
 Delta R.T. 0.00 min
 Lab File: BE091950.D
 Acq: 24 Jun 2016 17:20

Tgt Ion: 240 Resp: 277488
 Ion Ratio Lower Upper
 240 100
 120 1.6 1.2 1.8
 236 27.2 19.8 29.8



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





#32

Benzidine

Concen: 0.12 ng

RT: 19.86 min Scan# 993

Delta R.T. 0.02 min

Lab File: BE091950.D

Acq: 24 Jun 2016 17:20

Instrument :

BNA_E

ClientSampleId :

PB91612BL

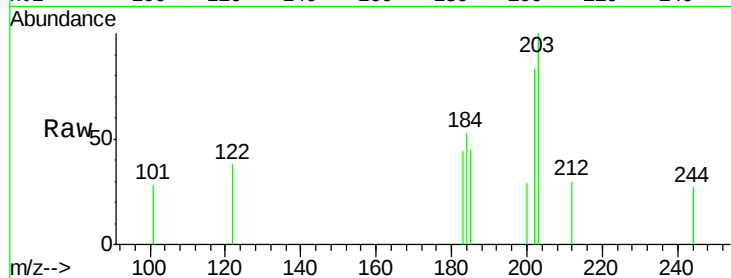
Tgt Ion:184 Resp: 343

Ion Ratio Lower Upper

184 100

185 84.8 11.4 17.2#

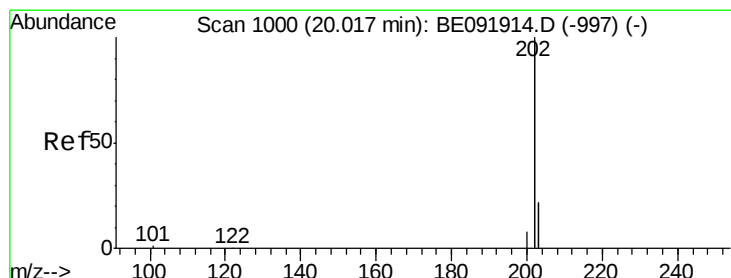
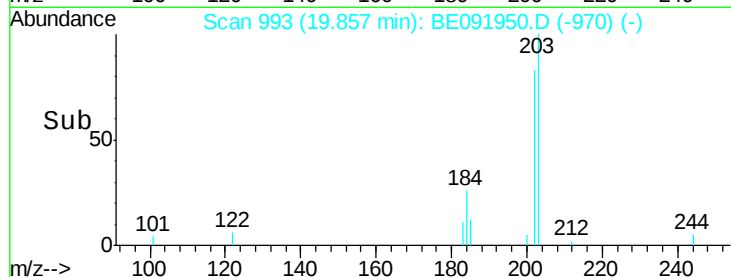
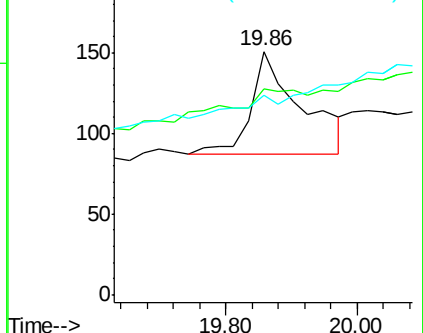
183 82.1 11.8 17.6#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#33

Pyrene

Concen: 0.05 ng

RT: 20.02 min Scan# 1000

Delta R.T. 0.00 min

Lab File: BE091950.D

Acq: 24 Jun 2016 17:20

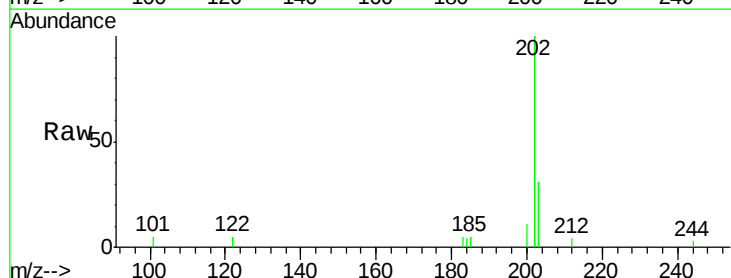
Tgt Ion:202 Resp: 9820

Ion Ratio Lower Upper

202 100

200 5.8 16.9 25.3#

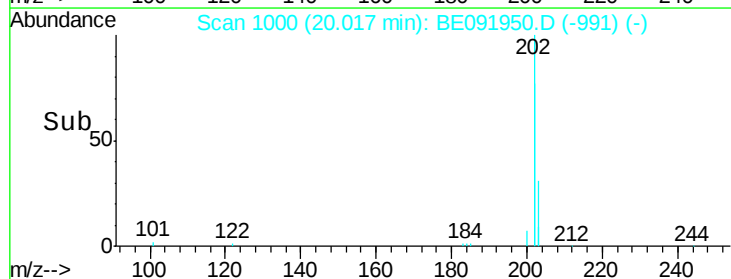
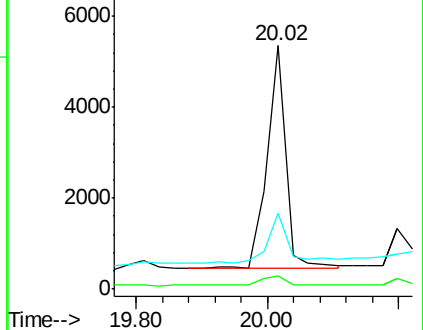
203 26.7 14.1 21.1#

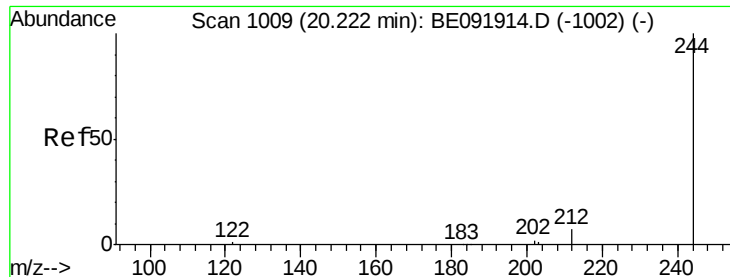


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#34

Terphenyl-d14

Concen: 3.96 ng

RT: 20.22 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BE091950.D

Acq: 24 Jun 2016 17:20

Instrument :

BNA_E

ClientSampled :

PB91612BL

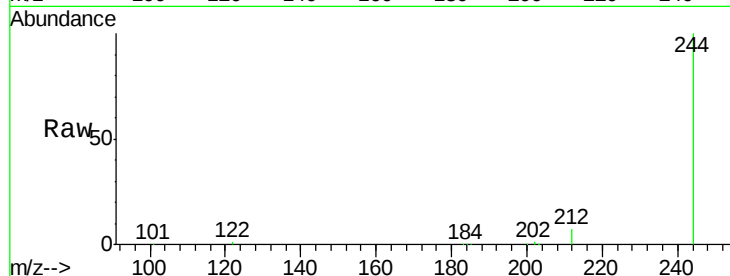
Tgt Ion:244 Resp: 134512

Ion Ratio Lower Upper

244 100

212 7.0 6.5 9.7

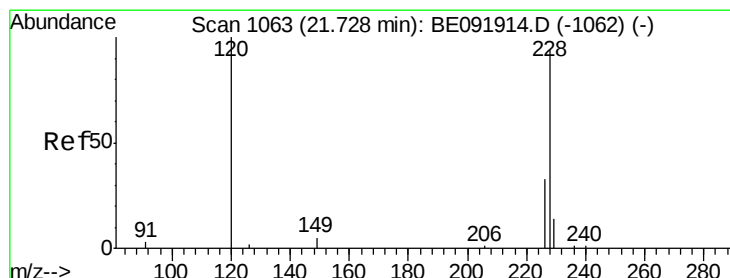
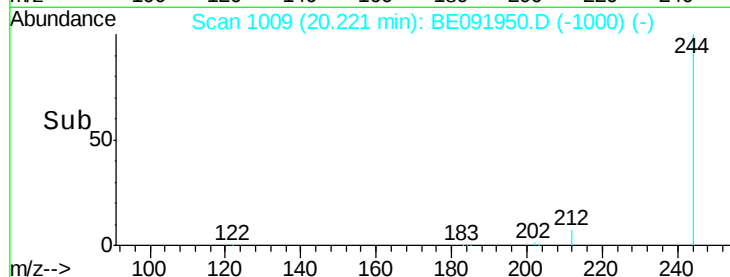
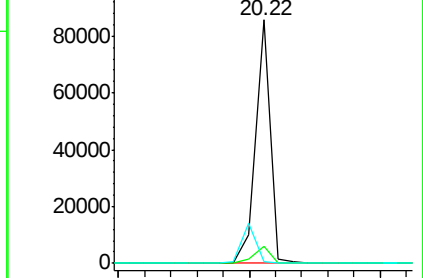
122 0.5 2.9 4.3#



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



#35

Benzo(a)anthracene

Concen: 0.15 ng

RT: 21.79 min Scan# 1065

Delta R.T. 0.06 min

Lab File: BE091950.D

Acq: 24 Jun 2016 17:20

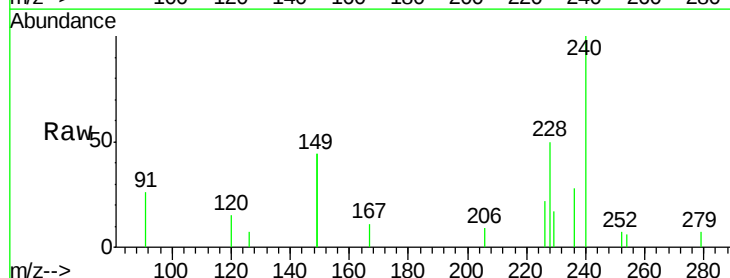
Tgt Ion:228 Resp: 6348

Ion Ratio Lower Upper

228 100

226 43.2 21.0 31.4#

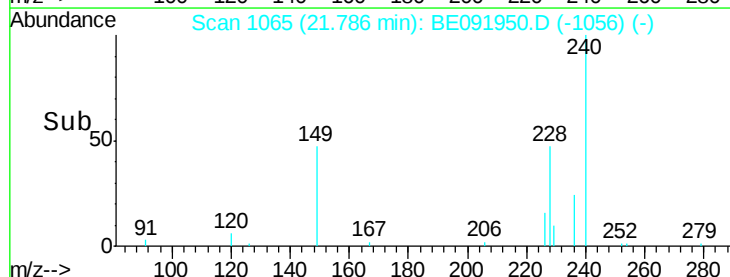
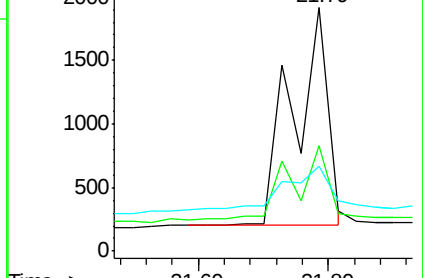
229 34.7 15.8 23.8#

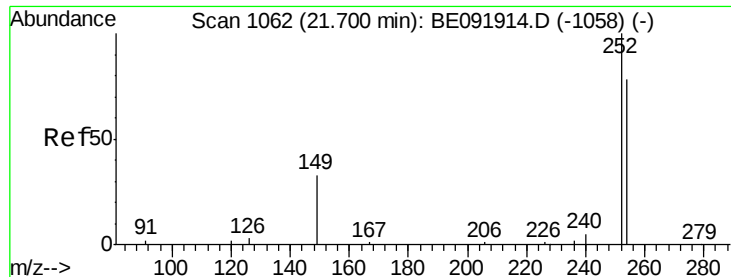


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

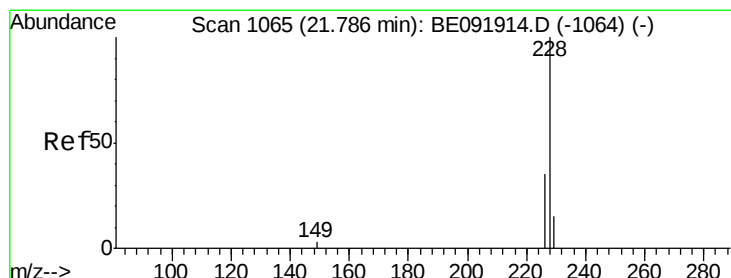
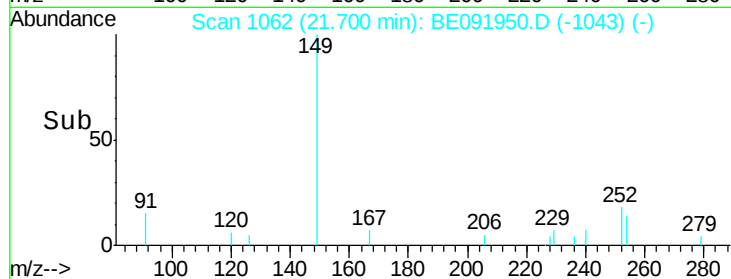
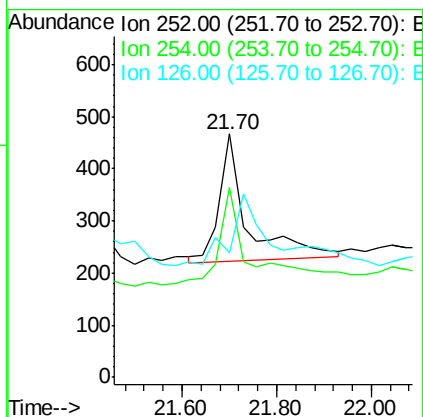
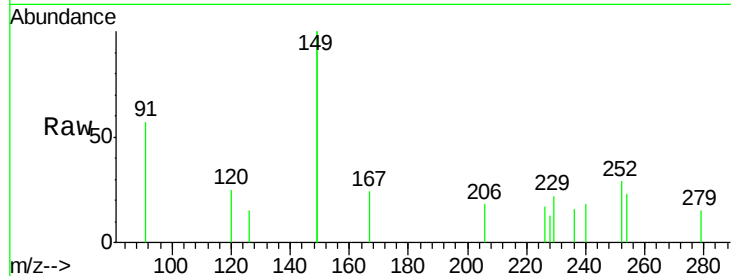




#36
 3,3'-Dichlorobenzidine
 Concen: 0.14 ng
 RT: 21.70 min Scan# 1062
 Delta R.T. 0.03 min
 Lab File: BE091950.D
 Acq: 24 Jun 2016 17:20

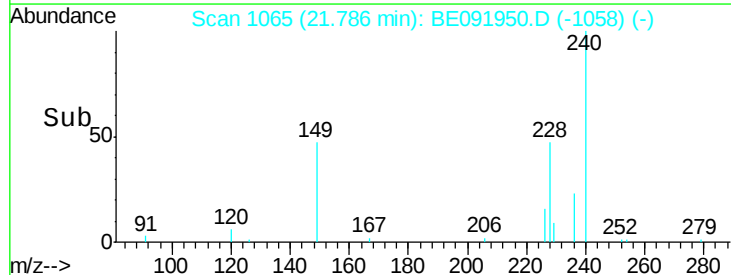
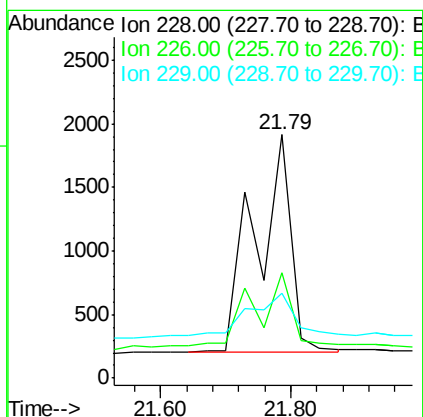
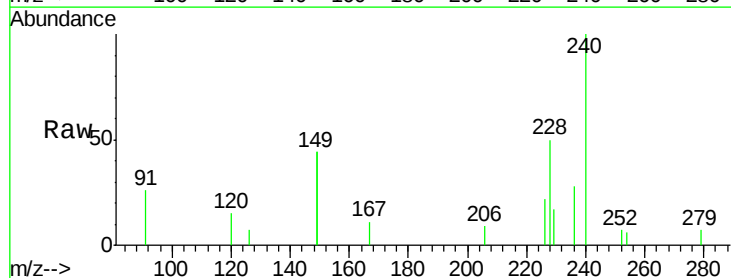
Instrument :
 BNA_E
 ClientSampleId :
 PB91612BL

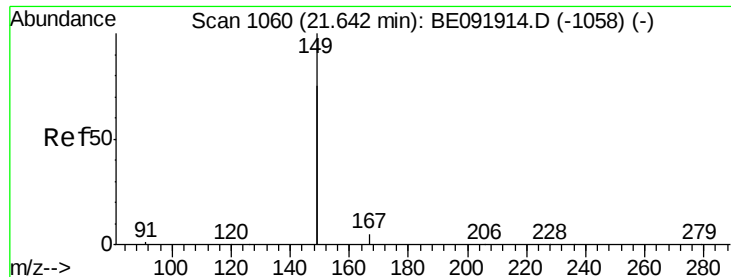
Tgt Ion: 252 Resp: 1000
 Ion Ratio Lower Upper
 252 100
 254 77.9 61.5 92.3
 126 51.4 2.5 3.7#



#37
 Chrysene
 Concen: 0.10 ng
 RT: 21.79 min Scan# 1065
 Delta R.T. 0.00 min
 Lab File: BE091950.D
 Acq: 24 Jun 2016 17:20

Tgt Ion: 228 Resp: 6382
 Ion Ratio Lower Upper
 228 100
 226 43.2 27.0 40.6#
 229 34.7 13.8 20.8#





#38

Bis(2-ethylhexyl)phthalate

Concen: 0.16 ng

RT: 21.64 min Scan# 1060

Delta R.T. -0.03 min

Lab File: BE091950.D

Acq: 24 Jun 2016 17:20

Instrument :

BNA_E

ClientSampleId :

PB91612BL

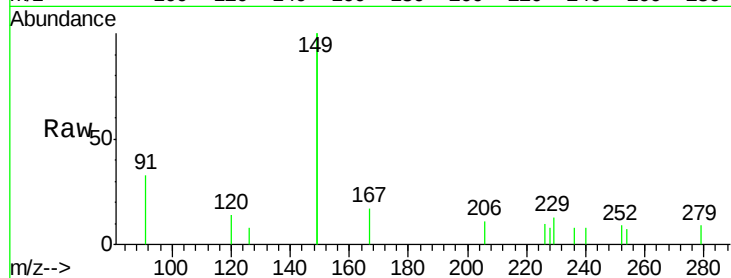
Tgt Ion:149 Resp: 6368

Ion Ratio Lower Upper

149 100

167 0.0 0.0 0.0

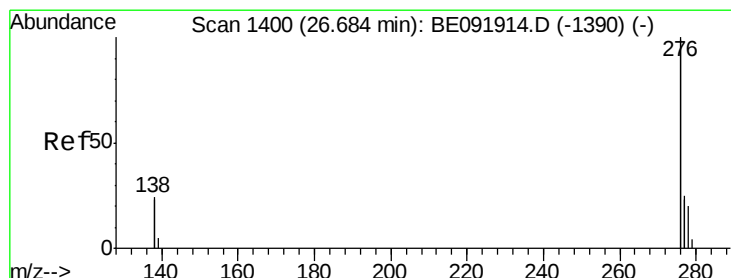
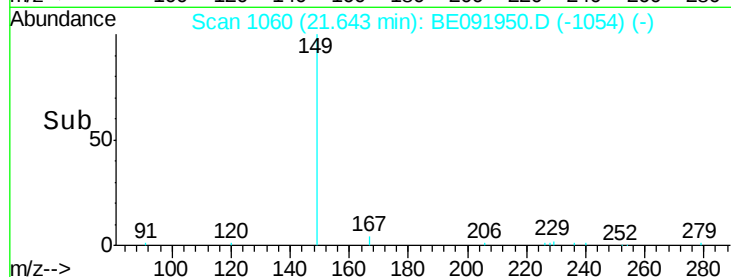
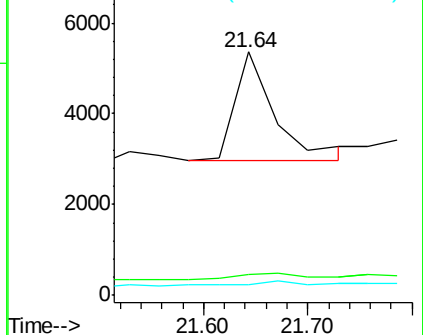
279 0.0 0.0 0.0



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



#39

Indeno(1,2,3-cd)pyrene

Concen: 0.06 ng

RT: 26.68 min Scan# 1400

Delta R.T. -0.00 min

Lab File: BE091950.D

Acq: 24 Jun 2016 17:20

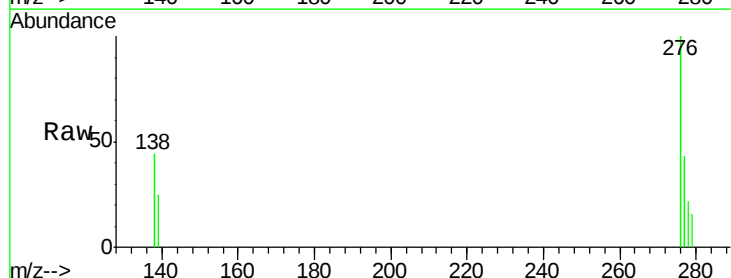
Tgt Ion:276 Resp: 12258

Ion Ratio Lower Upper

276 100

138 27.7 19.7 29.5

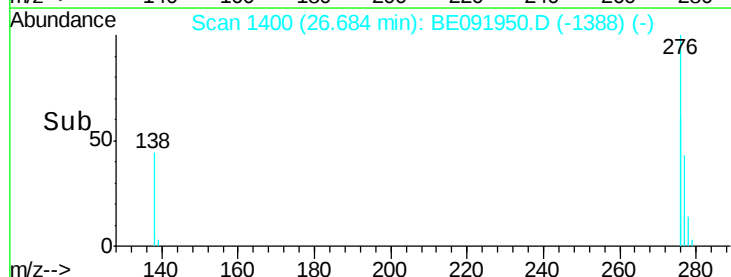
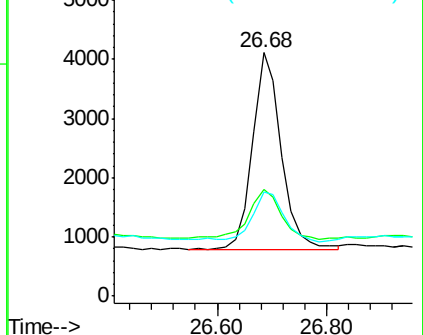
277 28.9 20.1 30.1

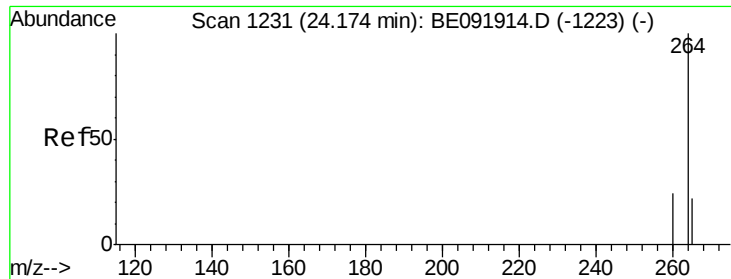


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#40

Perylene-d12

Concen: 5.00 ng

RT: 24.17 min Scan# 1231

Delta R.T. -0.00 min

Lab File: BE091950.D

Acq: 24 Jun 2016 17:20

Instrument :

BNA_E

ClientSampleId :

PB91612BL

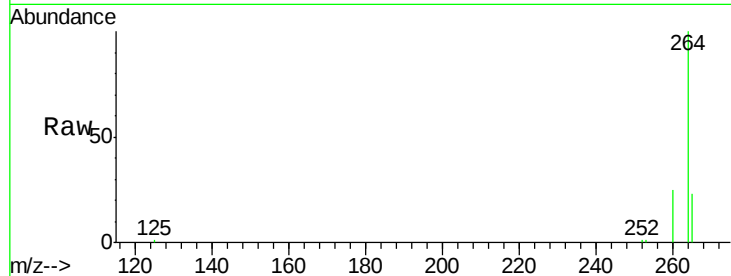
Tgt Ion:264 Resp: 206526

Ion Ratio Lower Upper

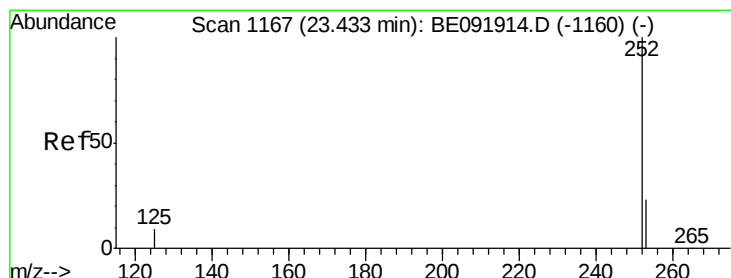
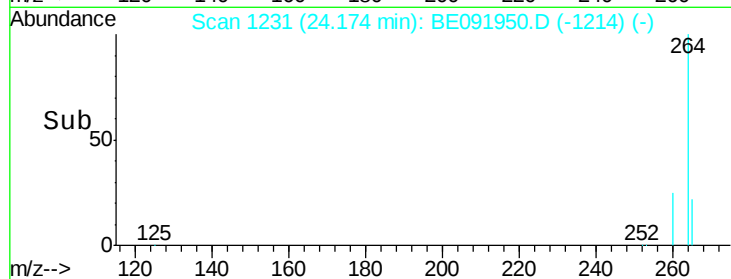
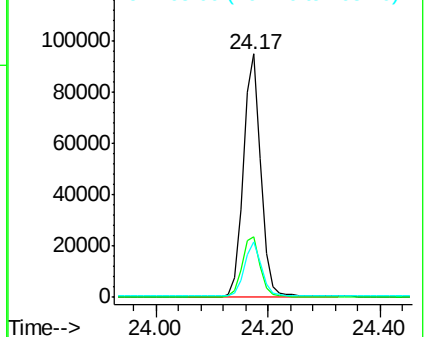
264 100

260 24.9 20.3 30.5

265 22.6 17.6 26.4



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#41

Benzo(b)fluoranthene

Concen: 0.06 ng

RT: 23.43 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BE091950.D

Acq: 24 Jun 2016 17:20

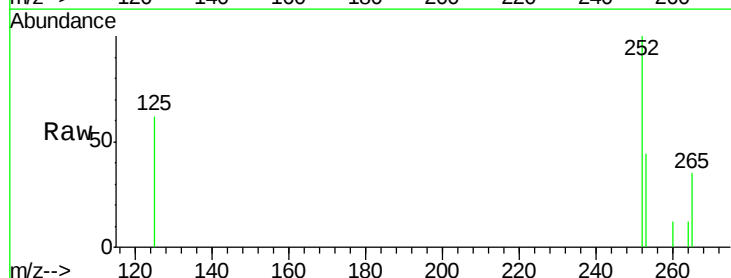
Tgt Ion:252 Resp: 3086

Ion Ratio Lower Upper

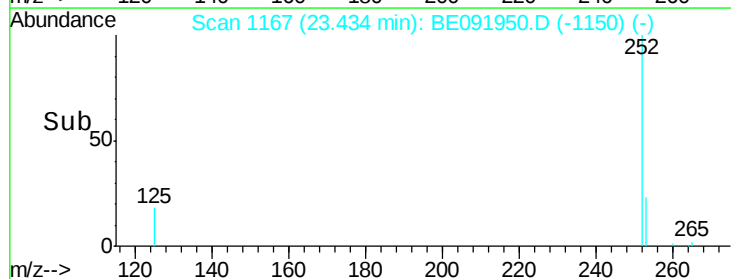
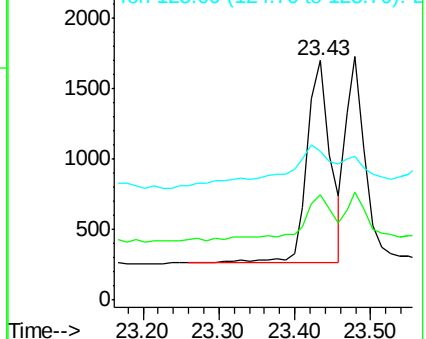
252 100

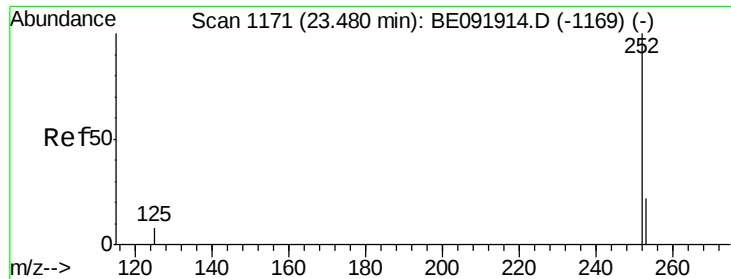
253 44.1 17.8 26.6#

125 62.0 9.4 14.2#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#42

Benzo(k)fluoranthene

Concen: 0.05 ng

RT: 23.48 min Scan# 1171

Delta R.T. -0.00 min

Lab File: BE091950.D

Acq: 24 Jun 2016 17:20

Instrument :

BNA_E

ClientSampleId :

PB91612BL

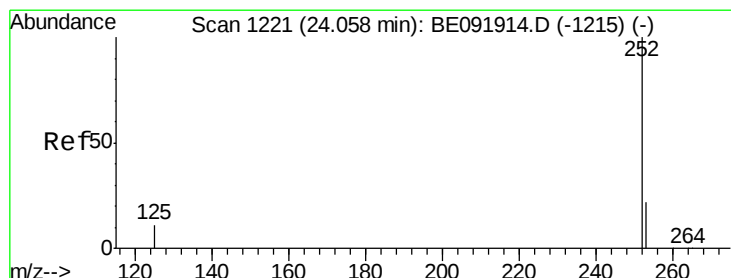
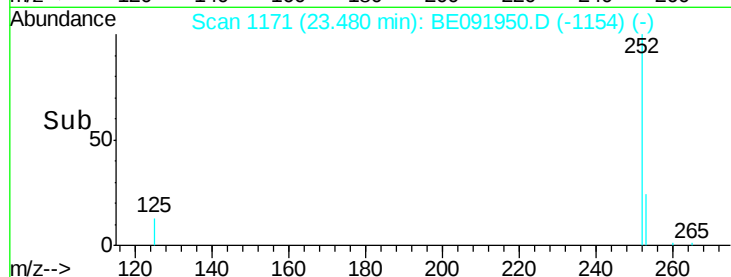
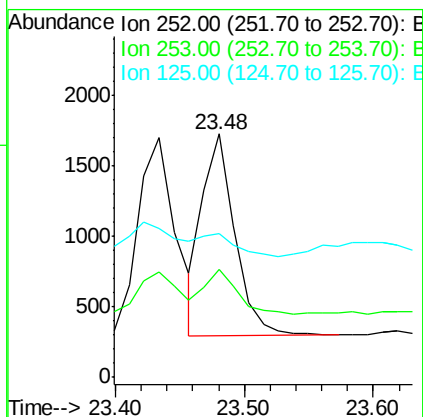
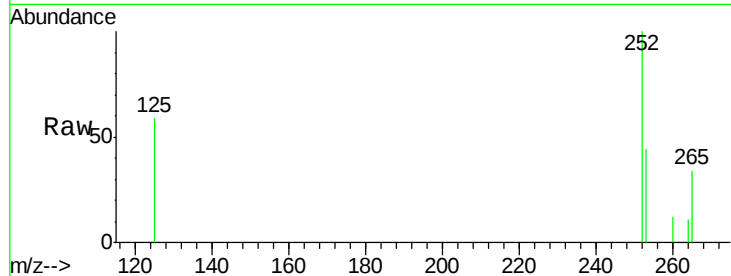
Tgt Ion:252 Resp: 2528

Ion Ratio Lower Upper

252 100

253 44.3 19.4 29.2#

125 59.2 8.3 12.5#



#43

Benzo(a)pyrene

Concen: 0.05 ng

RT: 24.06 min Scan# 1221

Delta R.T. -0.00 min

Lab File: BE091950.D

Acq: 24 Jun 2016 17:20

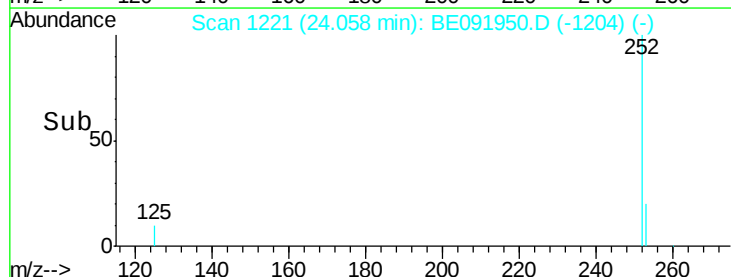
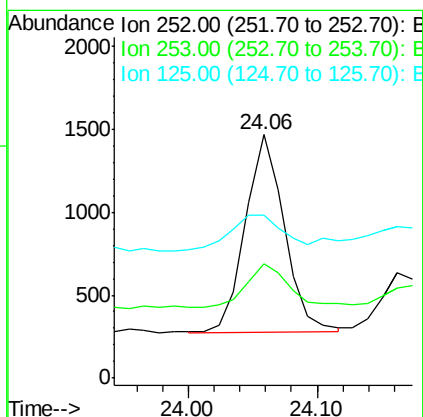
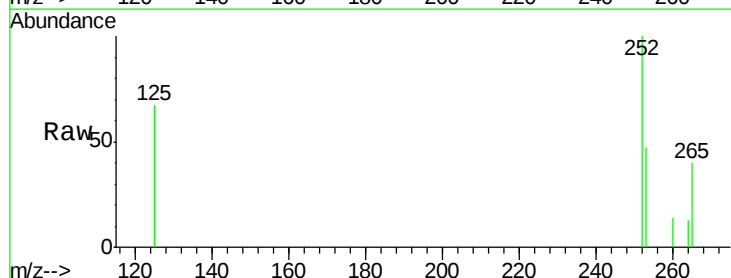
Tgt Ion:252 Resp: 2514

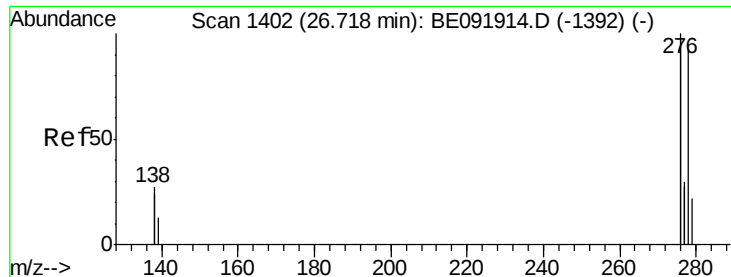
Ion Ratio Lower Upper

252 100

253 47.1 18.9 28.3#

125 67.0 10.5 15.7#





#44

Dibenzo(a,h)anthracene

Concen: 0.06 ng

RT: 26.72 min Scan# 1402

Delta R.T. -0.00 min

Lab File: BE091950.D

Acq: 24 Jun 2016 17:20

Instrument :

BNA_E

ClientSampleId :

PB91612BL

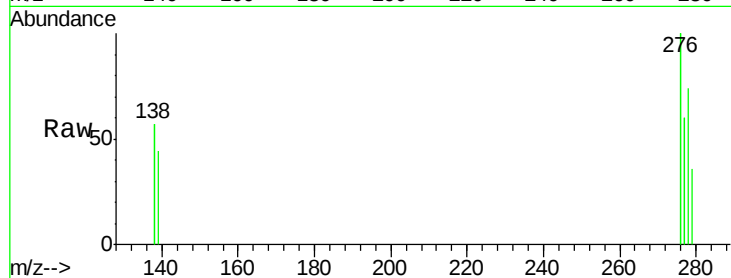
Tgt Ion: 278 Resp: 2535

Ion Ratio Lower Upper

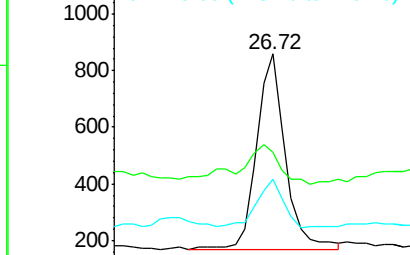
278 100

139 59.5 12.6 18.8#

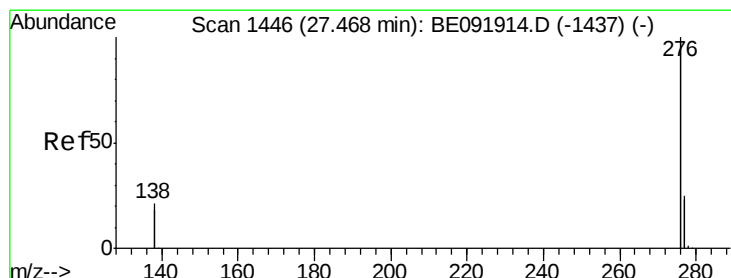
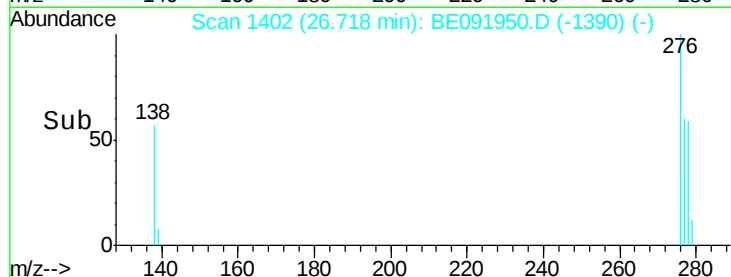
279 48.8 20.0 30.0#



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



Time-->



#45

Benzo(g,h,i)perylene

Concen: 0.06 ng

RT: 27.47 min Scan# 1446

Delta R.T. -0.00 min

Lab File: BE091950.D

Acq: 24 Jun 2016 17:20

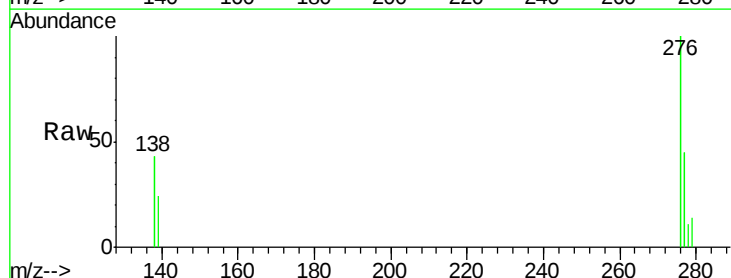
Tgt Ion: 276 Resp: 10336

Ion Ratio Lower Upper

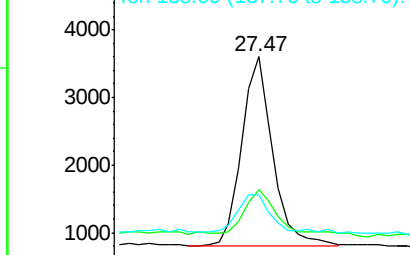
276 100

277 45.4 19.5 29.3#

138 43.3 17.7 26.5#



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E



Time-->

