

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072216\
 Data File : BE092003.D
 Acq On : 22 Jul 2016 12:12
 Operator : UM/SJ
 Sample : SSTDICC1.6
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC1.6

Quant Time: Jul 22 12:59:57 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE072216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 22 11:36:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	21279	5.00	ng	0.00
8) Naphthalene-d8	10.99	136	105647	5.00	ng	0.00
15) Acenaphthene-d10	14.86	164	70623	5.00	ng	0.00
24) Phenanthrene-d10	17.59	188	160179	5.00	ng	0.00
31) Chrysene-d12	21.76	240	255923	5.00	ng	0.00
40) Perylene-d12	24.16	264	180440	5.00	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.72	112	7068	1.39	ng	0.00
5) Phenol-d6	7.35	99	10208	1.44	ng	-0.02
9) Nitrobenzene-d5	9.37	82	10944	1.52	ng	-0.02
16) 2,4,6-Tribromophenol	16.35	330	3111	1.55	ng	0.00
17) 2-Fluorobiphenyl	13.47	172	30035	1.74	ng	-0.01
34) Terphenyl-d14	20.22	244	40933	1.36	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.47	88	4340	1.50	ng	88
3) n-Nitrosodimethylamine	3.82	42	5565	1.70	ng	89
6) bis(2-Chloroethyl)ether	7.61	93	10087	1.64	ng	96
7) n-Nitroso-di-n-propylamine	9.00	70	8659	1.47	ng	# 98
10) Nitrobenzene	9.40	77	12332	1.58	ng	# 100
11) bis(2-Chloroethoxy)methane	10.42	93	13310	1.51	ng	# 19
12) Naphthalene	11.04	128	38184	1.55	ng	97
13) Hexachlorobutadiene	11.34	225	5429	1.45	ng	98
14) 2-Methylnaphthalene	12.66	142	24173	1.53	ng	95
18) Acenaphthylene	14.56	152	182483	2.06	ng	# 71
19) 2,6-Dinitrotoluene	14.44	165	27885	1.81	ng	# 10
20) Acenaphthene	14.92	154	28439	1.47	ng	# 1
21) 2,4-Dinitrotoluene	15.22	165	25163	1.60	ng	# 73
22) Fluorene	15.90	166	35569	1.75	ng	100
23) 4-Chlorophenyl-phenylether	15.90	204	17974	1.77	ng	95
25) 4-Bromophenyl-phenylether	16.78	248	10897	1.57	ng	98
26) Hexachlorobenzene	16.90	284	10783	1.56	ng	97
27) Pentachlorophenol	17.25	266	2675	1.06	ng	88
28) Phenanthrene	17.63	178	65440	1.57	ng	99
29) Anthracene	17.72	178	60994	1.56	ng	100
30) Fluoranthene	19.63	202	271216	1.51	ng	# 67
32) Benzidine	19.83	184	16125	0.95	ng	# 93
33) Pyrene	19.99	202	303922	1.63	ng	# 64
35) Benzo(a)anthracene	21.73	228	97819	2.28	ng	93
36) 3,3'-Dichlorobenzidine	21.67	252	15951	1.21	ng	# 66
37) Chrysene	21.73	228	97805	1.61	ng	96
38) Bis(2-ethylhexyl)phthalate	21.64	149	79419	1.60	ng	# 100
39) Indeno(1,2,3-cd)pyrene	26.68	276	311020	1.30	ng	98
41) Benzo(b)fluoranthene	23.42	252	75841	1.52	ng	98
42) Benzo(k)fluoranthene	23.47	252	79561	1.65	ng	95
43) Benzo(a)pyrene	24.05	252	69565	1.48	ng	95
44) Dibenzo(a,h)anthracene	26.70	278	63342	1.43	ng	99
45) Benzo(g,h,i)perylene	27.45	276	258266	1.43	ng	98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 22 11:36:01 2016
Response via : Initial Calibration

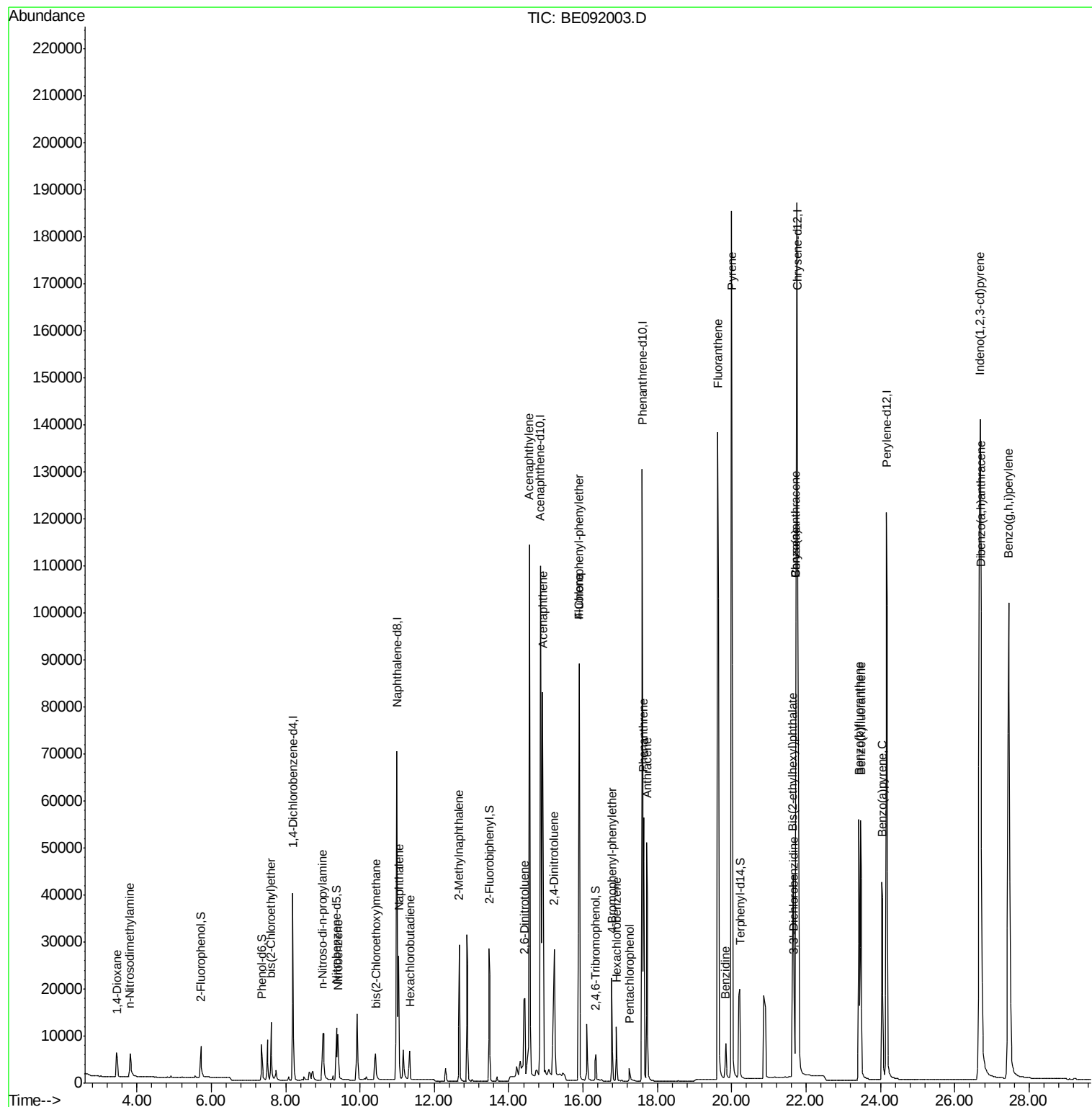
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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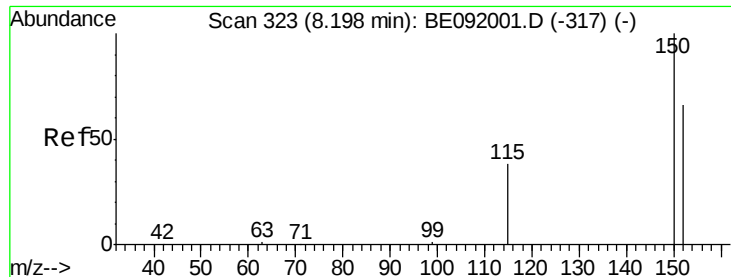
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.20 min Scan# 323

Delta R.T. -0.00 min

Lab File: BE092003.D

Acq: 22 Jul 2016 12:12

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

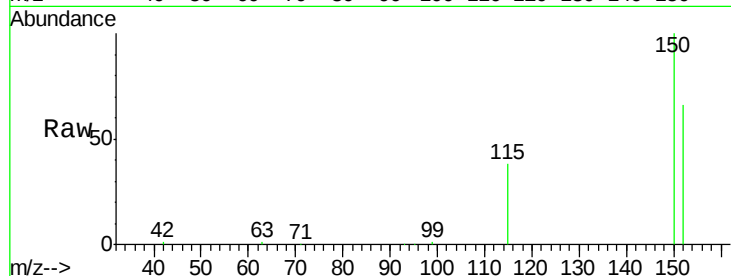
Tgt Ion:152 Resp: 21279

Ion Ratio Lower Upper

152 100

150 151.6 123.9 185.9

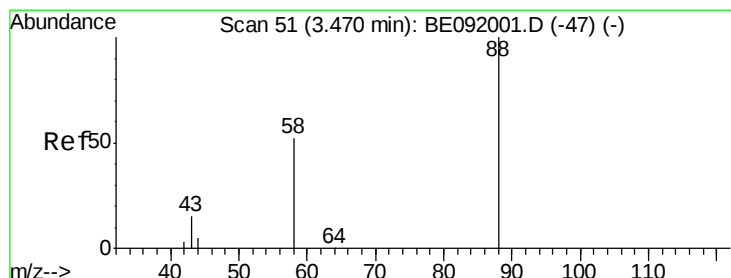
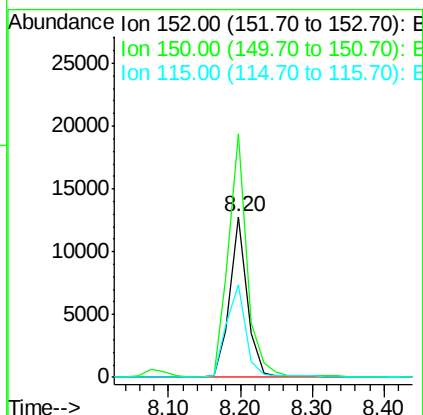
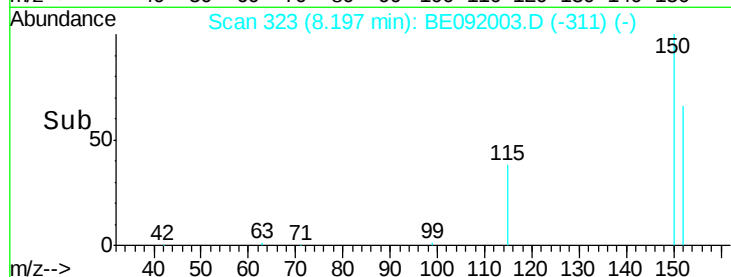
115 57.7 48.3 72.5



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: 1.50 ng

RT: 3.47 min Scan# 51

Delta R.T. 0.00 min

Lab File: BE092003.D

Acq: 22 Jul 2016 12:12

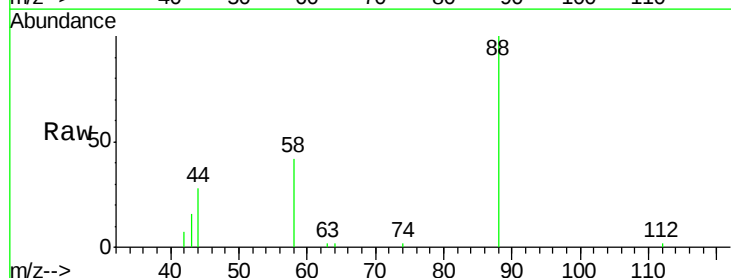
Tgt Ion: 88 Resp: 4340

Ion Ratio Lower Upper

88 100

58 91.7 63.0 94.4

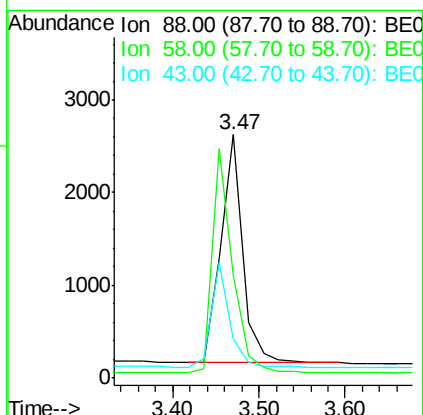
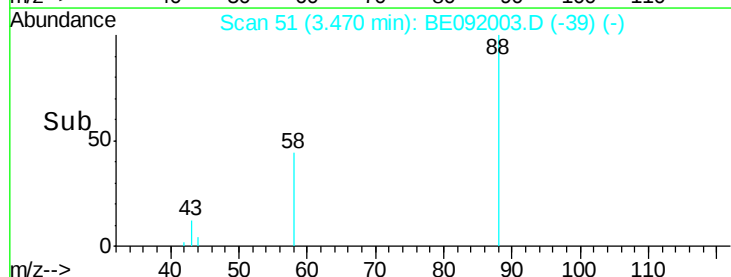
43 39.1 29.1 43.7

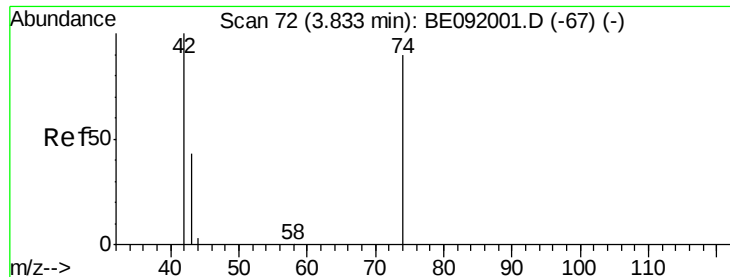


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 1.70 ng

RT: 3.82 min Scan# 71

Delta R.T. -0.02 min

Lab File: BE092003.D

Acq: 22 Jul 2016 12:12

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

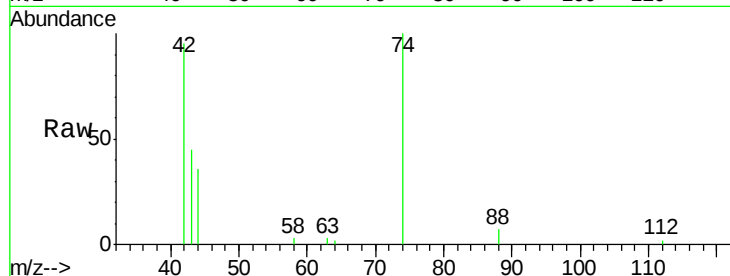
Tgt Ion: 42 Resp: 5565

Ion Ratio Lower Upper

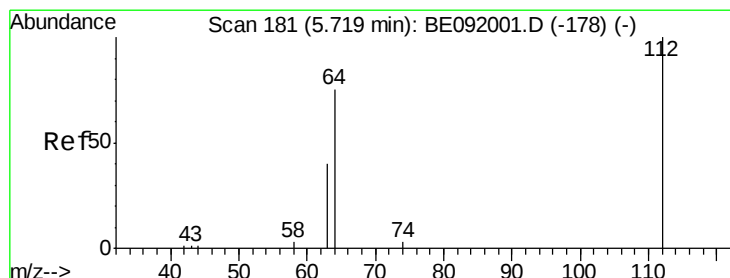
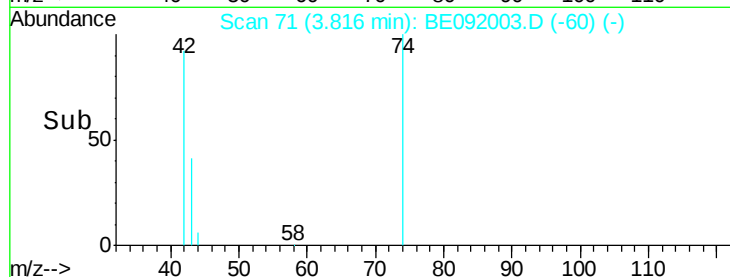
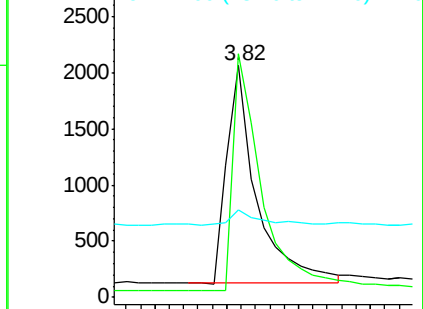
42 100

74 104.5 93.4 140.0

44 6.3 5.0 7.6



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: 1.39 ng

RT: 5.72 min Scan# 181

Delta R.T. 0.00 min

Lab File: BE092003.D

Acq: 22 Jul 2016 12:12

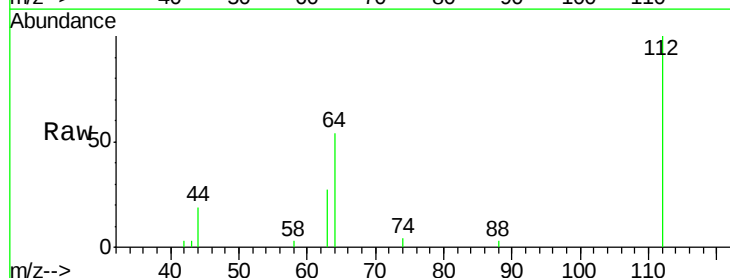
Tgt Ion: 112 Resp: 7068

Ion Ratio Lower Upper

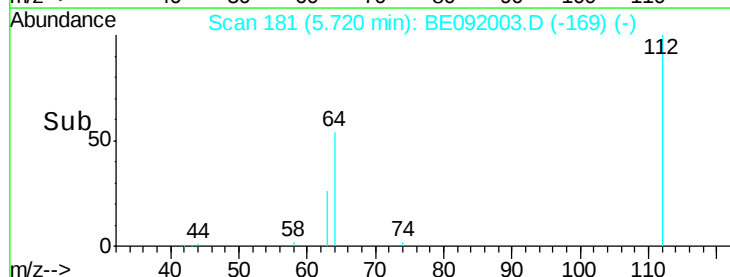
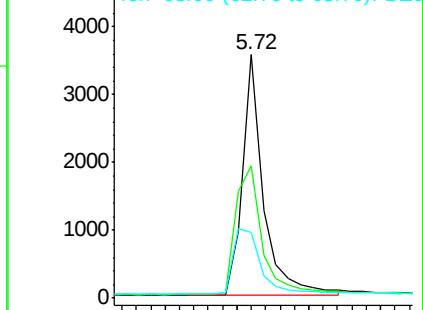
112 100

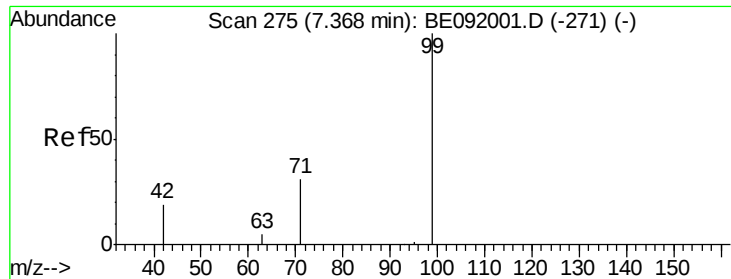
64 68.3 53.7 80.5

63 36.6 29.5 44.3



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: 1.44 ng

RT: 7.35 min Scan# 274

Delta R.T. -0.02 min

Lab File: BE092003.D

Acq: 22 Jul 2016 12:12

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

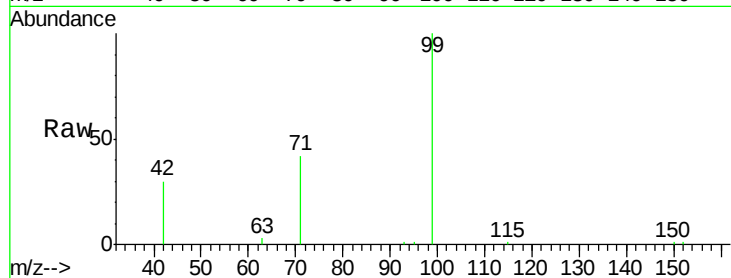
Tgt Ion: 99 Resp: 10208

Ion Ratio Lower Upper

99 100

42 26.8 19.6 29.4

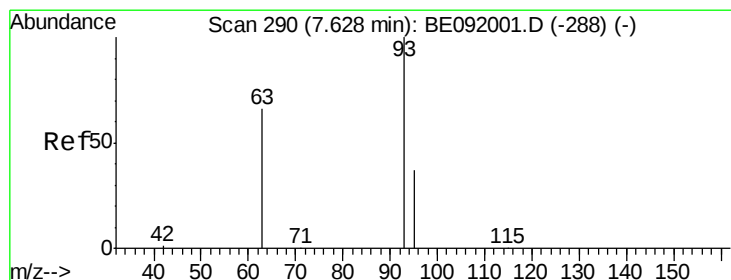
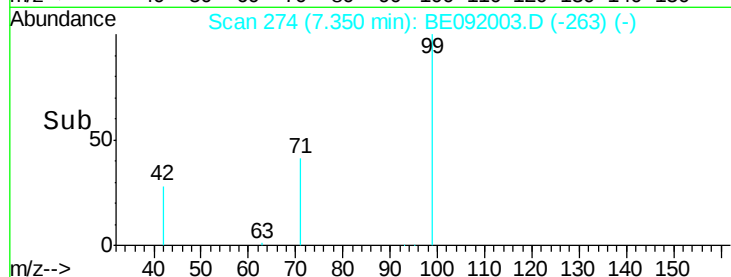
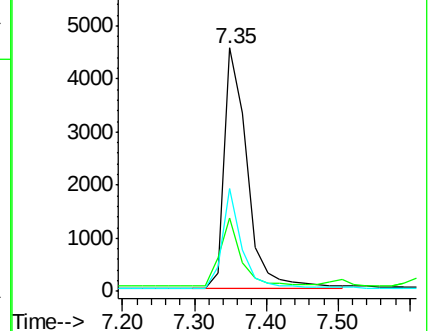
71 35.5 28.1 42.1



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: 1.64 ng

RT: 7.61 min Scan# 289

Delta R.T. -0.02 min

Lab File: BE092003.D

Acq: 22 Jul 2016 12:12

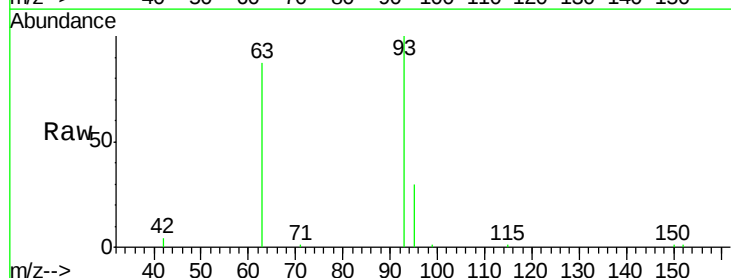
Tgt Ion: 93 Resp: 10087

Ion Ratio Lower Upper

93 100

63 86.7 66.2 99.4

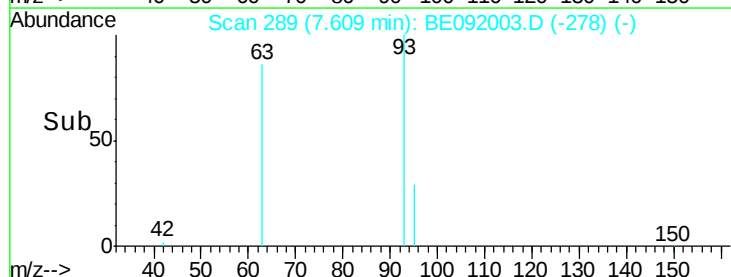
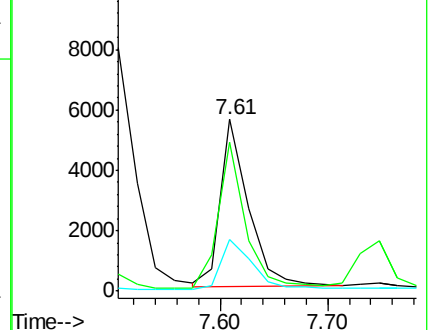
95 34.4 25.5 38.3

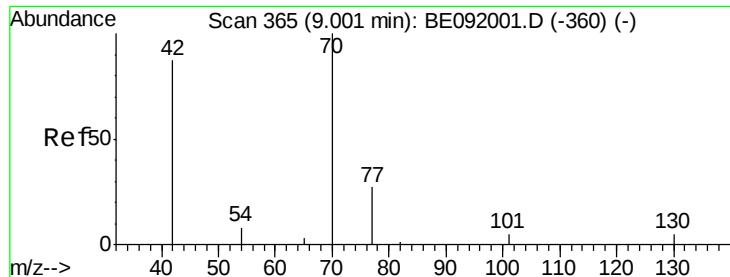


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

n-Nitroso-di-n-propylamine

Concen: 1.47 ng

RT: 9.00 min Scan# 365

Delta R.T. -0.00 min

Lab File: BE092003.D

Acq: 22 Jul 2016 12:12

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

Tgt Ion: 70 Resp: 8659

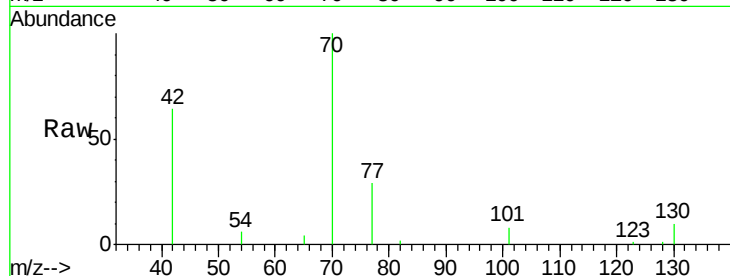
Ion Ratio Lower Upper

70 100

42 75.0 58.4 87.6

101 7.9 6.4 9.6

130 15.7 0.0 0.0#

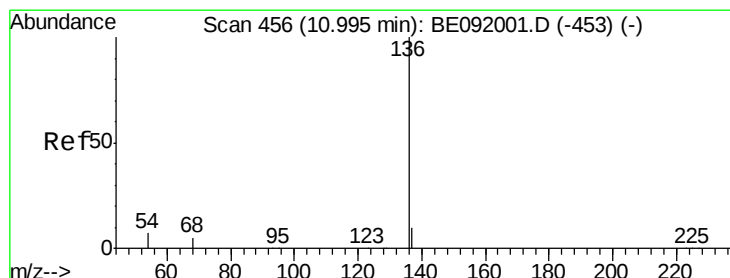
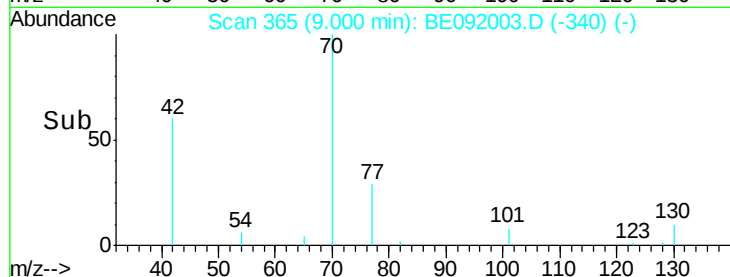
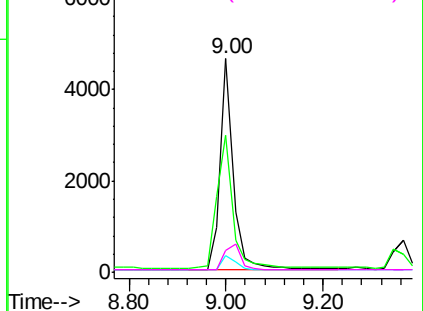


Abundance Ion 70.00 (69.70 to 70.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 101.00 (100.70 to 101.70): BE0

Ion 130.00 (129.70 to 130.70): BE0



#8

Naphthalene-d8

Concen: 5.00 ng

RT: 10.99 min Scan# 456

Delta R.T. 0.00 min

Lab File: BE092003.D

Acq: 22 Jul 2016 12:12

Tgt Ion: 136 Resp: 105647

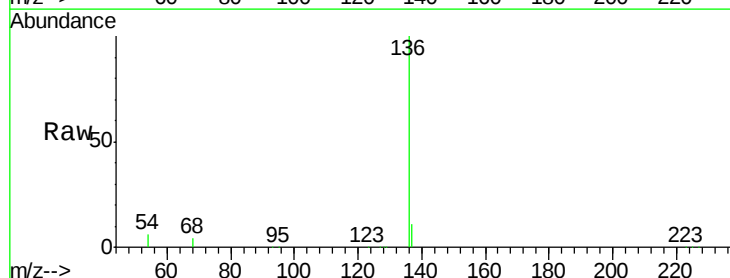
Ion Ratio Lower Upper

136 100

137 10.7 8.3 12.5

54 5.7 8.2 12.4#

68 4.4 5.9 8.9#

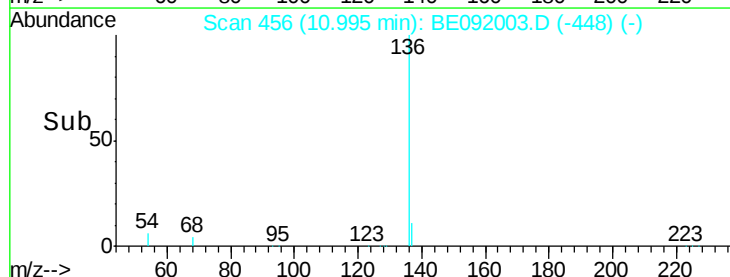
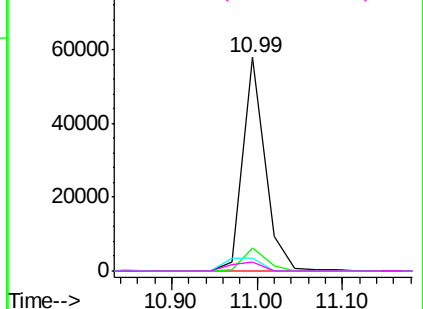


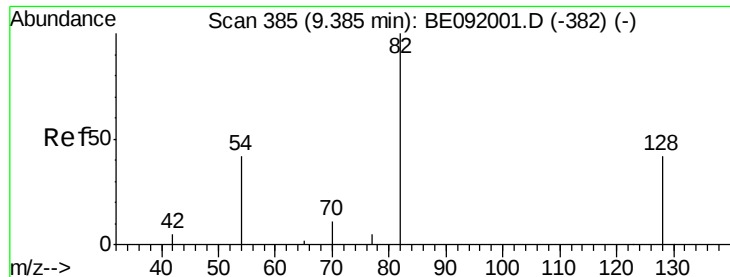
Abundance Ion 136.00 (135.70 to 136.70): BE0

Ion 137.00 (136.70 to 137.70): BE0

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0

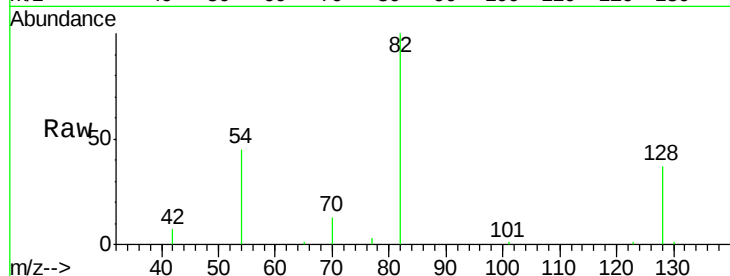




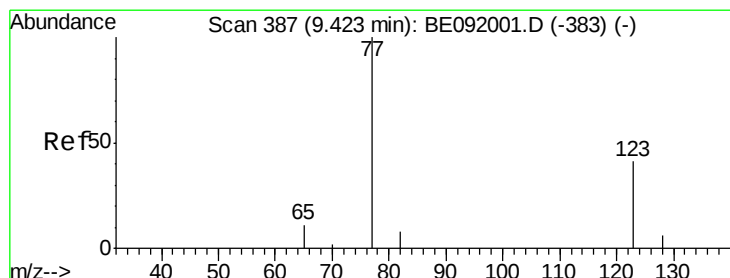
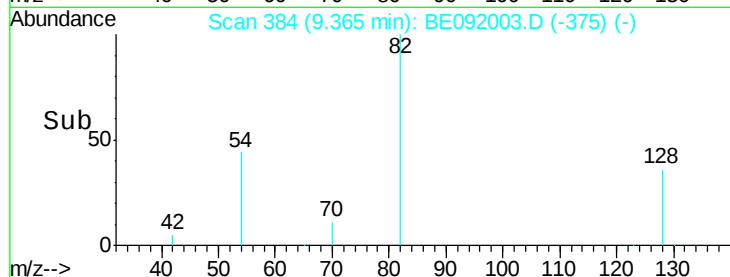
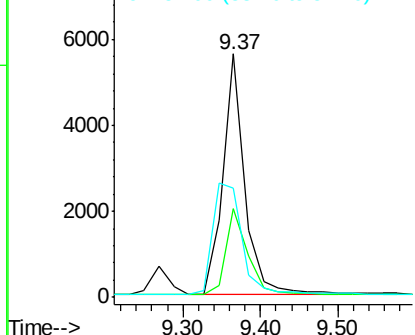
#9
 Nitrobenzene-d5
 Concen: 1.52 ng
 RT: 9.37 min Scan# 384
 Delta R.T. -0.02 min
 Lab File: BE092003.D
 Acq: 22 Jul 2016 12:12

Instrument :
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 SSTDICC1.6

Tgt Ion: 82 Resp: 10944
 Ion Ratio Lower Upper
 82 100
 128 36.5 39.5 59.3#
 54 44.7 30.3 45.5

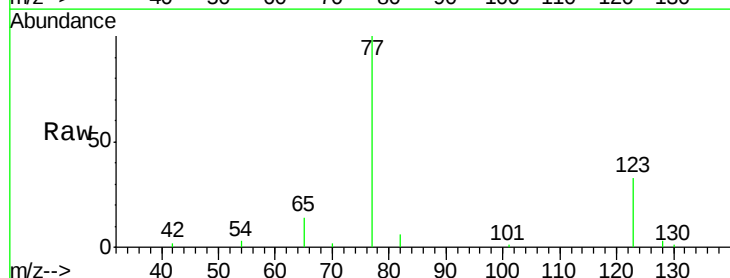


Abundance Ion 82.00 (81.70 to 82.70): BE0
 Ion 128.00 (127.70 to 128.70): BE0
 Ion 54.00 (53.70 to 54.70): BE0

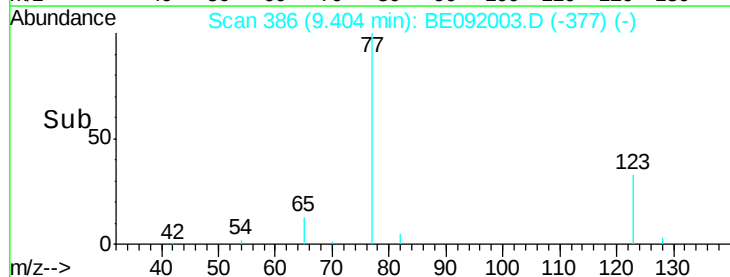
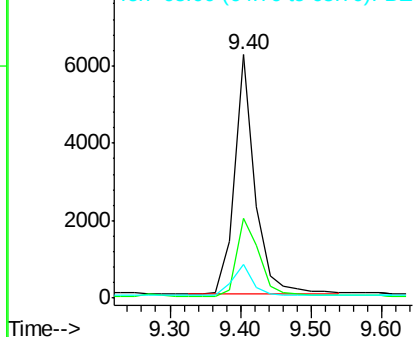


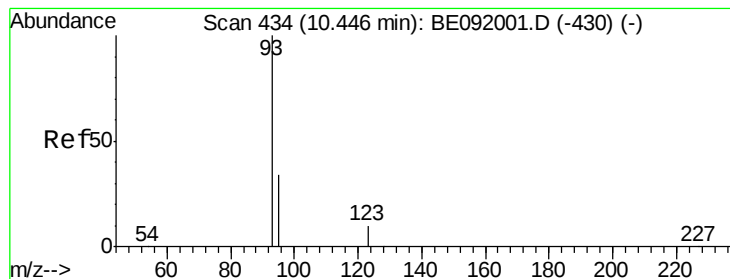
#10
 Nitrobenzene
 Concen: 1.58 ng
 RT: 9.40 min Scan# 386
 Delta R.T. -0.02 min
 Lab File: BE092003.D
 Acq: 22 Jul 2016 12:12

Tgt Ion: 77 Resp: 12332
 Ion Ratio Lower Upper
 77 100
 123 37.5 0.0 0.0#
 65 14.0 11.1 16.7



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

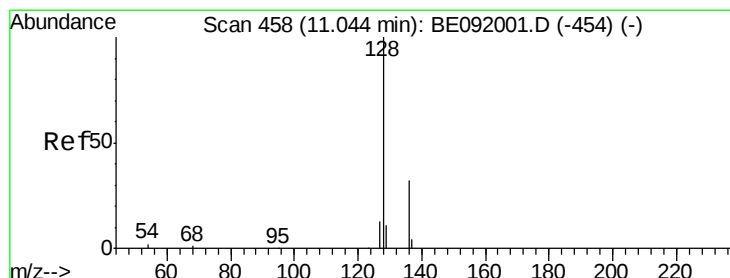
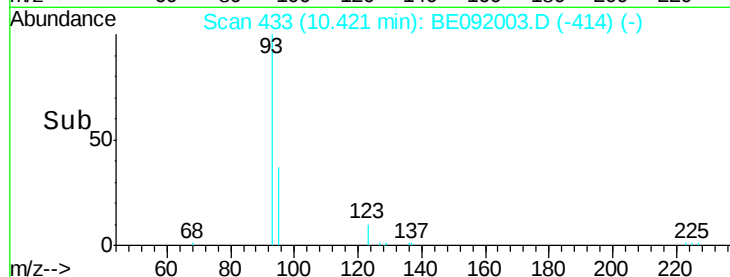
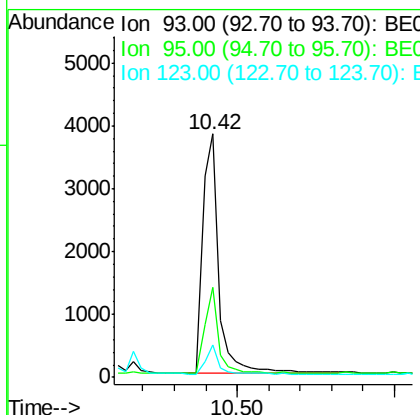
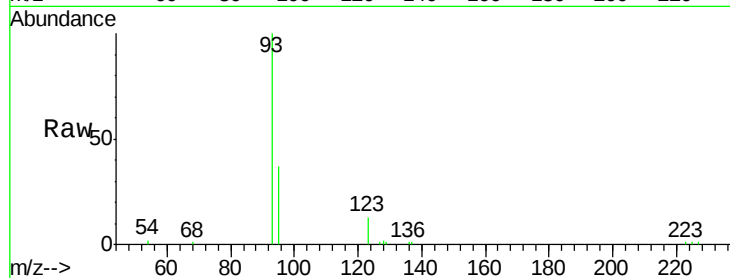




#11
bis(2-Chloroethoxy)methane
Concen: 1.51 ng
RT: 10.42 min Scan# 433
Delta R.T. -0.02 min
Lab File: BE092003.D
Acq: 22 Jul 2016 12:12

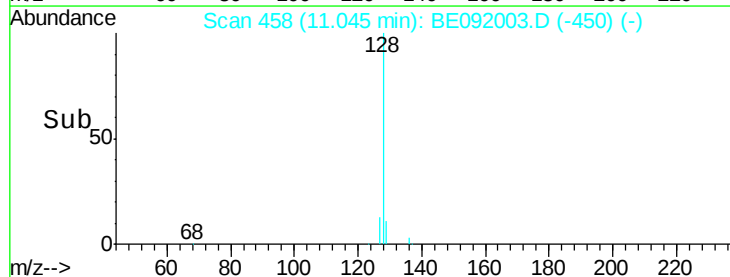
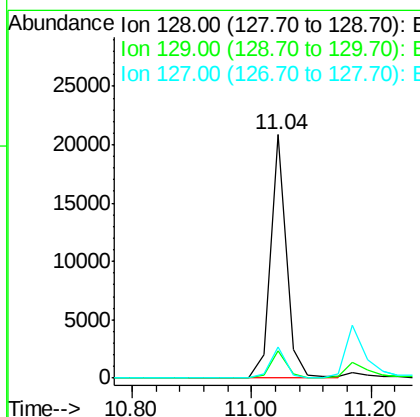
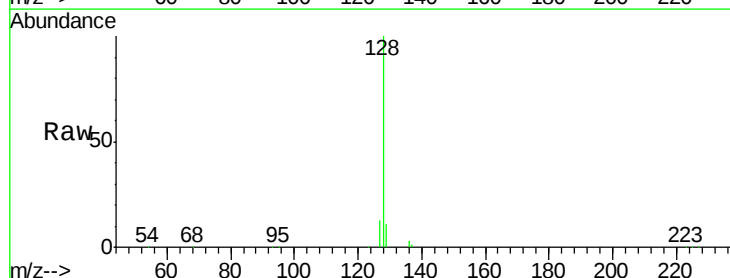
Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

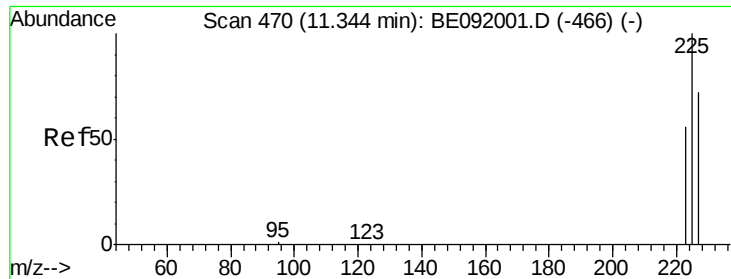
Tgt Ion: 93 Resp: 13310
Ion Ratio Lower Upper
93 100
95 34.8 57.6 86.4#
123 9.9 100.2 150.4#



#12
Naphthalene
Concen: 1.55 ng
RT: 11.04 min Scan# 458
Delta R.T. 0.00 min
Lab File: BE092003.D
Acq: 22 Jul 2016 12:12

Tgt Ion: 128 Resp: 38184
Ion Ratio Lower Upper
128 100
129 11.2 10.4 15.6
127 13.0 10.2 15.2

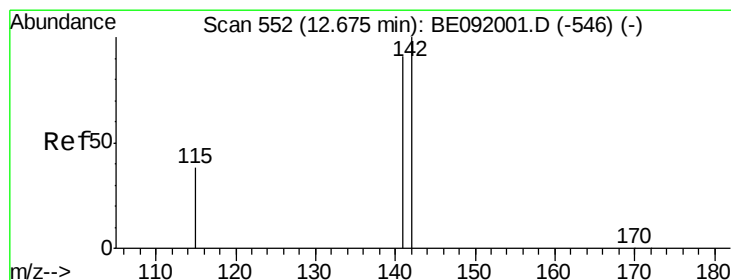
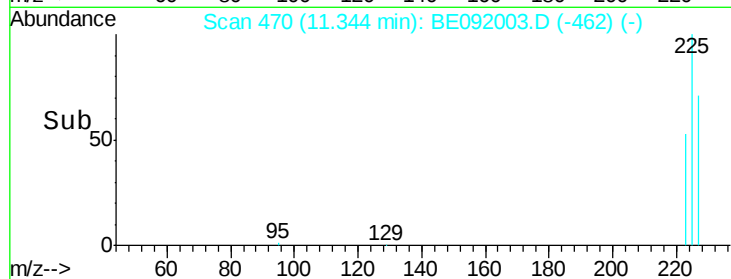
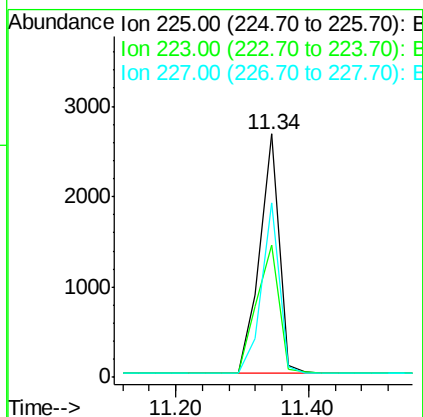
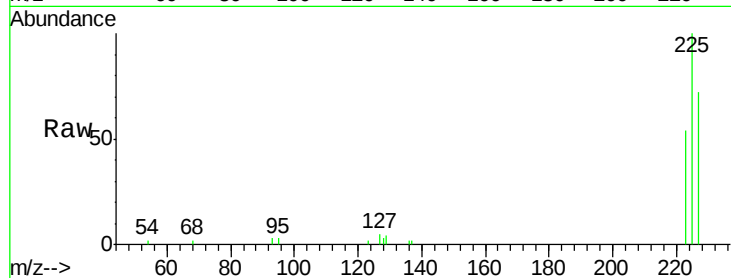




#13
Hexachlorobutadiene
Concen: 1.45 ng
RT: 11.34 min Scan# 470
Delta R.T. 0.00 min
Lab File: BE092003.D
Acq: 22 Jul 2016 12:12

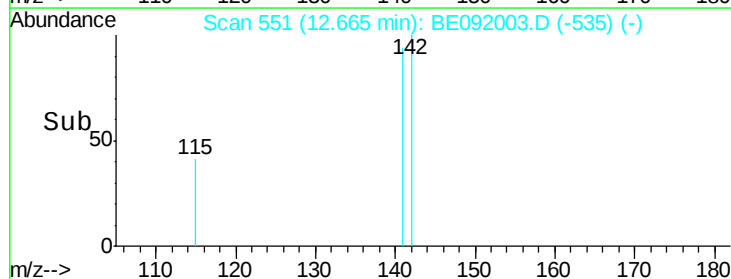
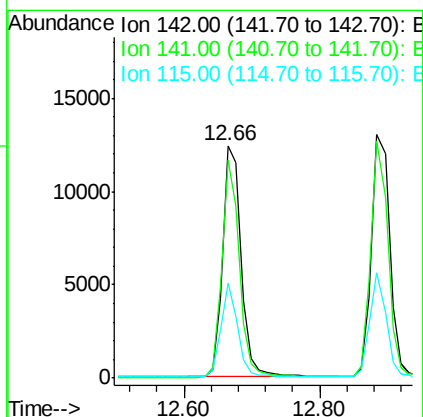
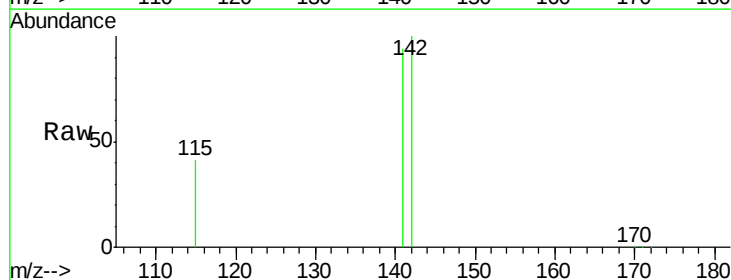
Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

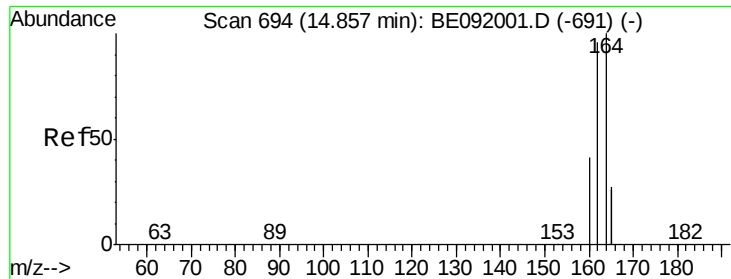
Tgt Ion: 225 Resp: 5429
Ion Ratio Lower Upper
225 100
223 60.8 49.8 74.8
227 65.5 50.6 75.8



#14
2-Methylnaphthalene
Concen: 1.53 ng
RT: 12.66 min Scan# 551
Delta R.T. -0.01 min
Lab File: BE092003.D
Acq: 22 Jul 2016 12:12

Tgt Ion: 142 Resp: 24173
Ion Ratio Lower Upper
142 100
141 94.1 71.9 107.9
115 41.0 29.9 44.9





#15

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.86 min Scan# 694

Delta R.T. 0.00 min

Lab File: BE092003.D

Acq: 22 Jul 2016 12:12

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

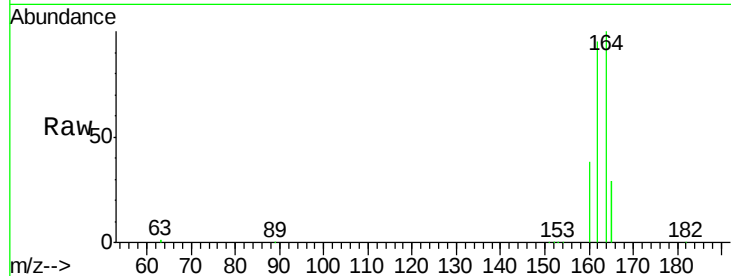
Tgt Ion:164 Resp: 70623

Ion Ratio Lower Upper

164 100

162 94.6 71.8 107.8

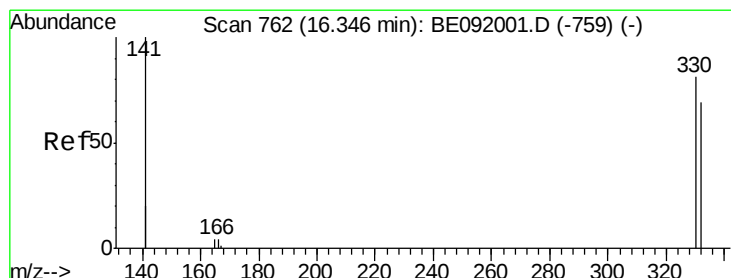
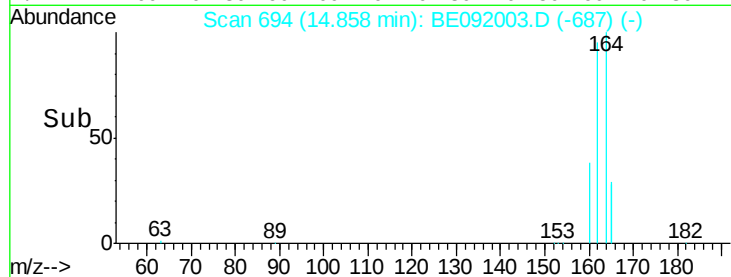
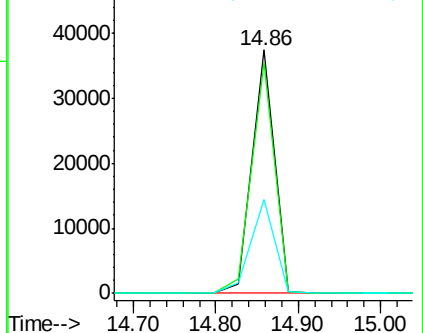
160 38.4 28.0 42.0



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: 1.55 ng

RT: 16.35 min Scan# 762

Delta R.T. -0.00 min

Lab File: BE092003.D

Acq: 22 Jul 2016 12:12

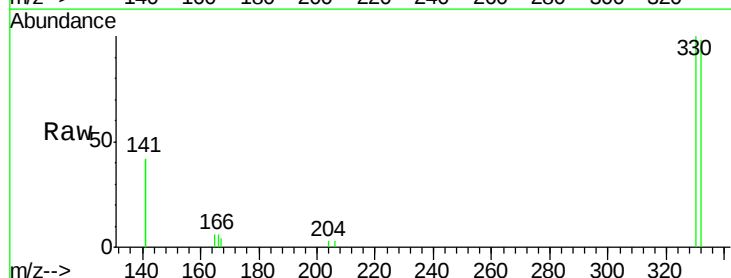
Tgt Ion:330 Resp: 3111

Ion Ratio Lower Upper

330 100

332 97.4 77.0 115.6

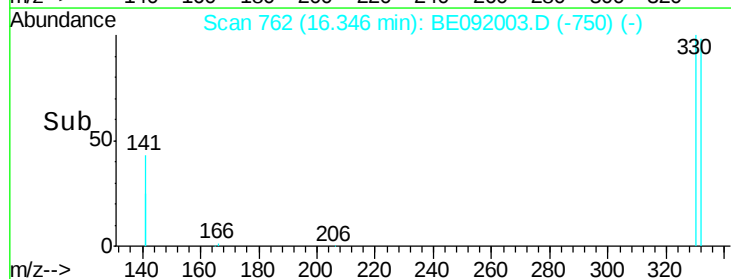
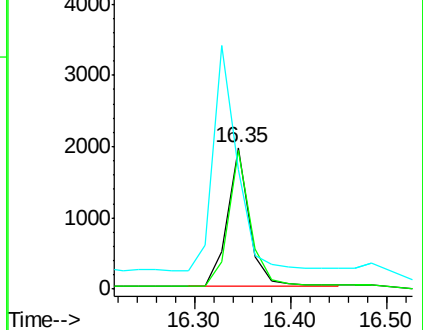
141 178.3 138.4 207.6

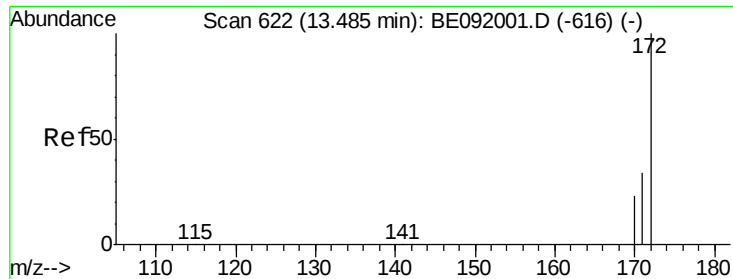


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

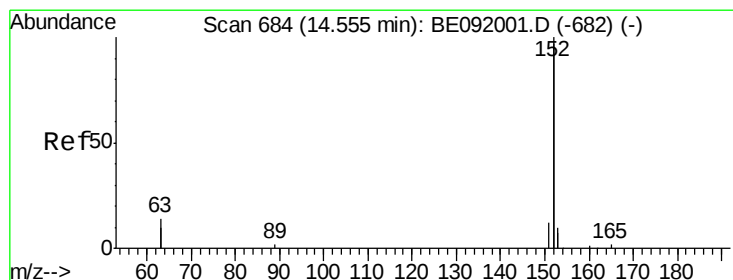
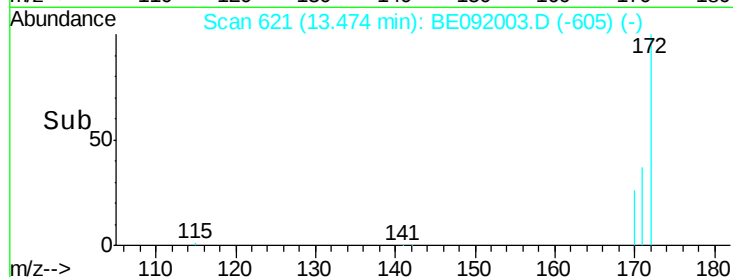
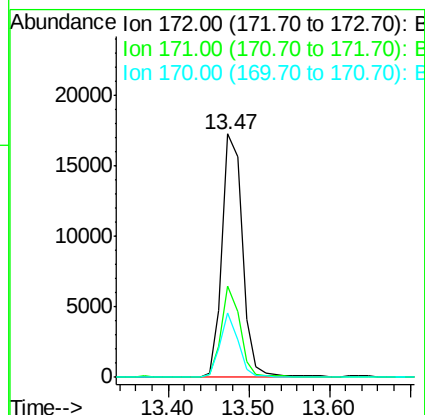
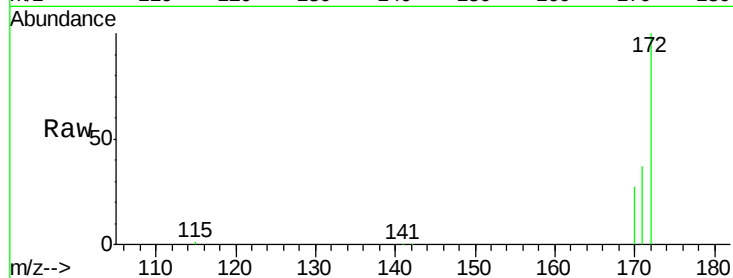




#17
2-Fluorobiphenyl
Concen: 1.74 ng
RT: 13.47 min Scan# 621
Delta R.T. -0.01 min
Lab File: BE092003.D
Acq: 22 Jul 2016 12:12

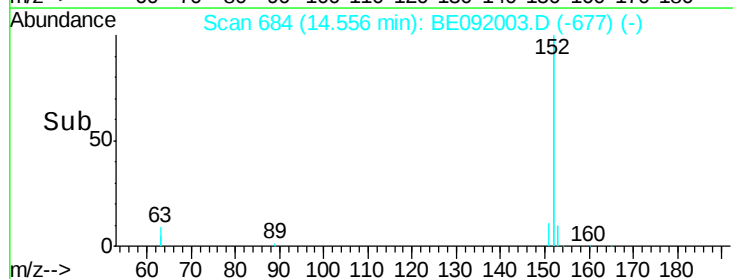
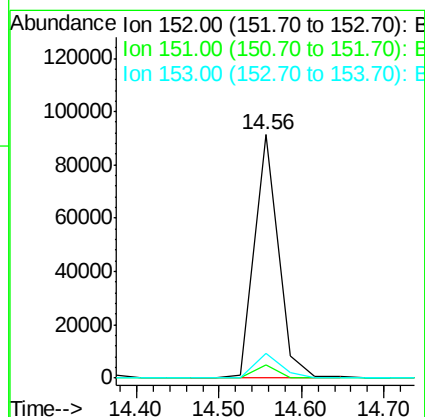
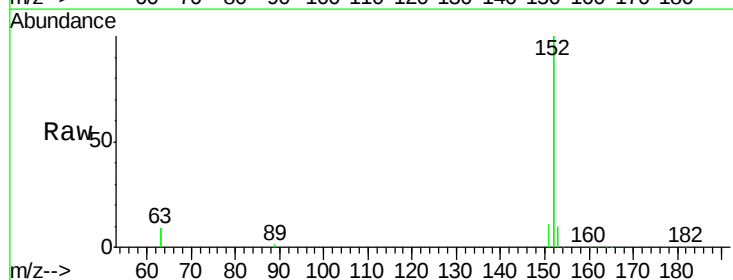
Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

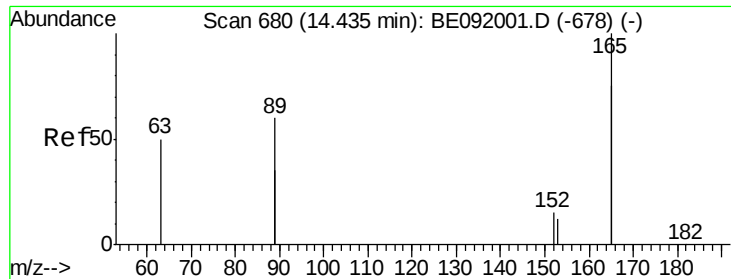
Tgt Ion:172 Resp: 30035
Ion Ratio Lower Upper
172 100
171 37.4 24.3 36.5#
170 26.5 14.9 22.3#



#18
Acenaphthylene
Concen: 2.06 ng
RT: 14.56 min Scan# 684
Delta R.T. 0.00 min
Lab File: BE092003.D
Acq: 22 Jul 2016 12:12

Tgt Ion:152 Resp: 182483
Ion Ratio Lower Upper
152 100
151 5.4 19.4 29.2#
153 11.1 14.4 21.6#

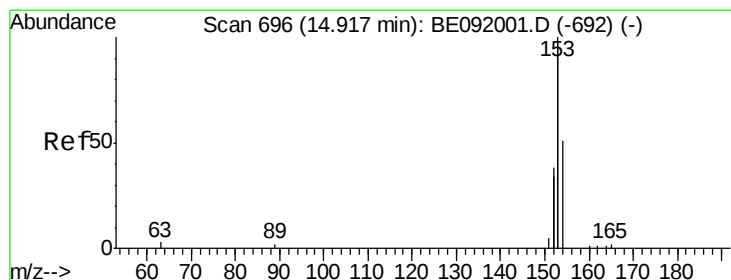
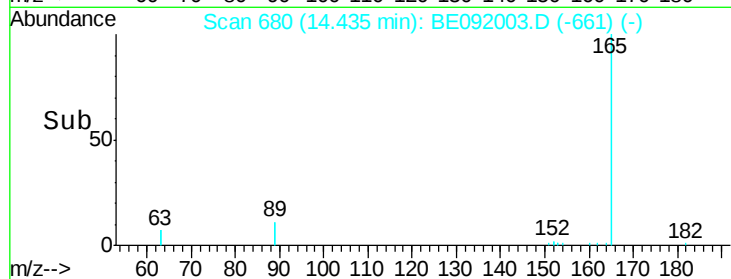
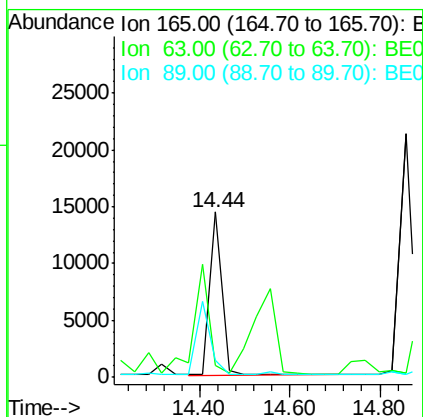
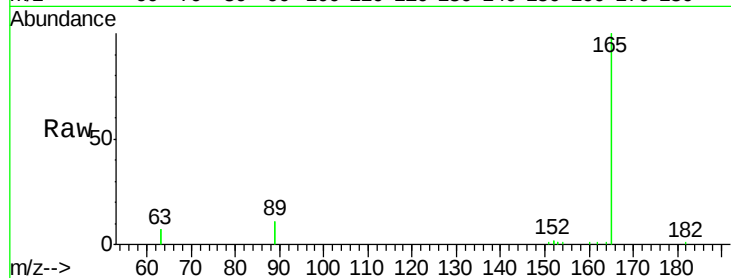




#19
2,6-Dinitrotoluene
Concen: 1.81 ng
RT: 14.44 min Scan# 680
Delta R.T. 0.00 min
Lab File: BE092003.D
Acq: 22 Jul 2016 12:12

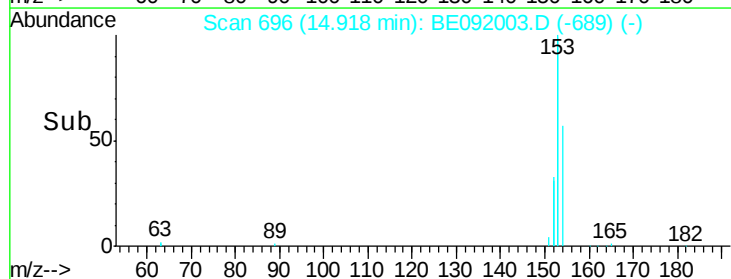
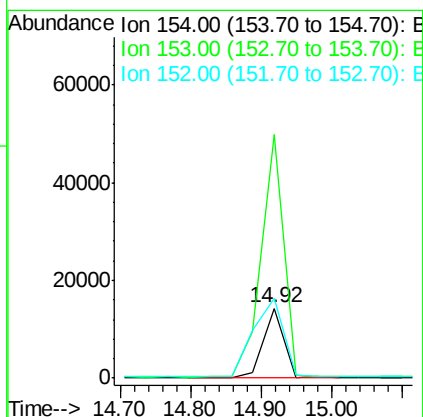
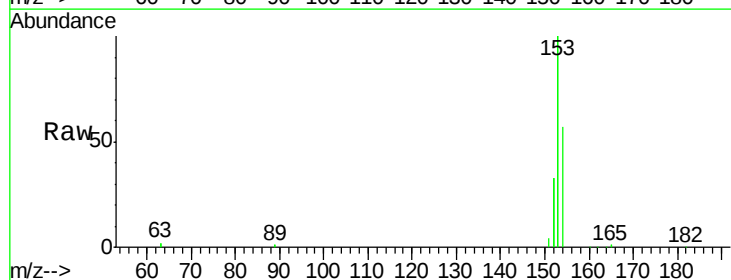
Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

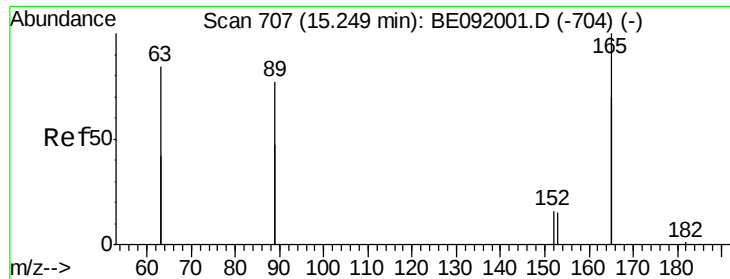
Tgt Ion:165 Resp: 27885
Ion Ratio Lower Upper
165 100
63 0.0 65.9 98.9#
89 0.0 59.1 88.7#



#20
Acenaphthene
Concen: 1.47 ng
RT: 14.92 min Scan# 696
Delta R.T. 0.00 min
Lab File: BE092003.D
Acq: 22 Jul 2016 12:12

Tgt Ion:154 Resp: 28439
Ion Ratio Lower Upper
154 100
153 378.8 88.1 132.1#
152 164.3 44.2 66.2#

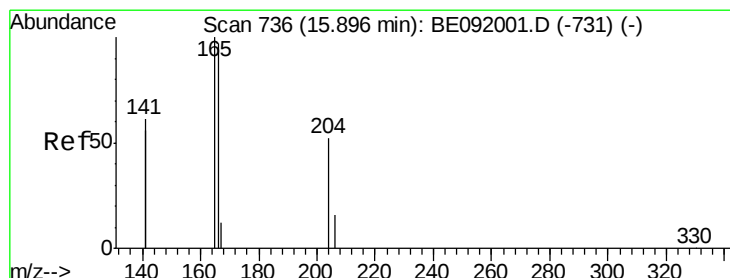
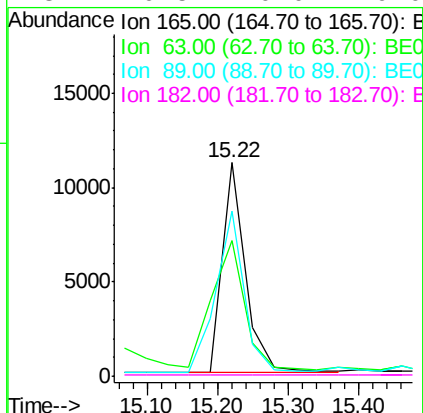
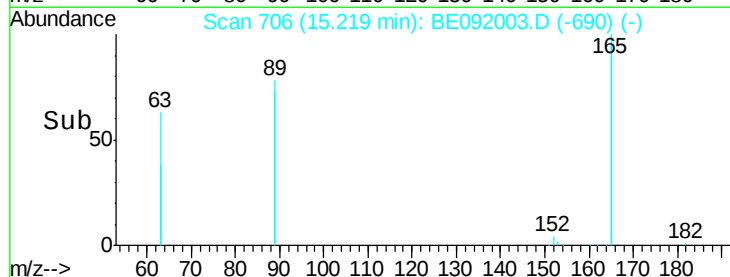
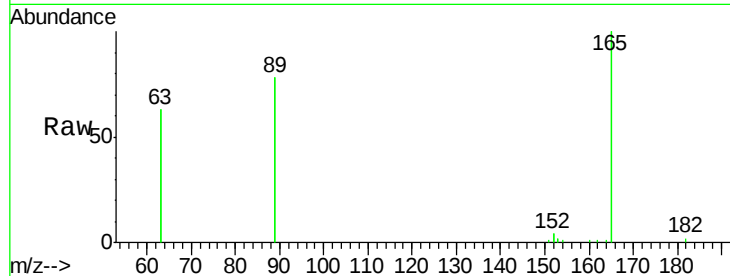




#21
2,4-Dinitrotoluene
Concen: 1.60 ng
RT: 15.22 min Scan# 706
Delta R.T. -0.03 min
Lab File: BE092003.D
Acq: 22 Jul 2016 12:12

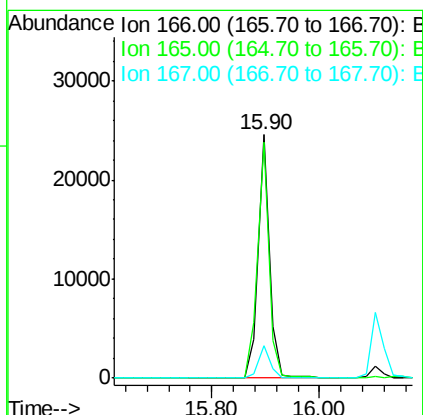
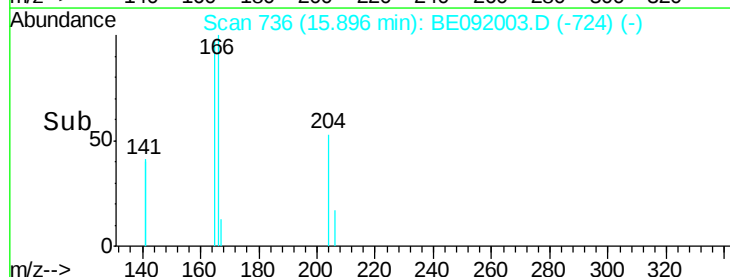
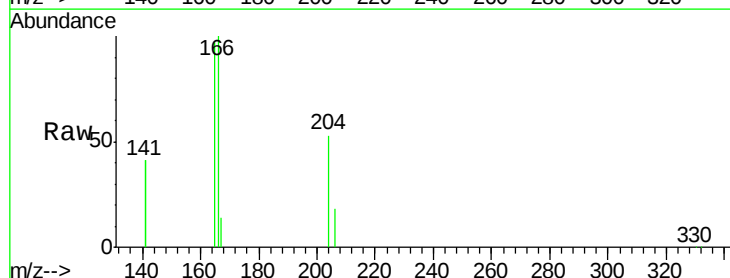
Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

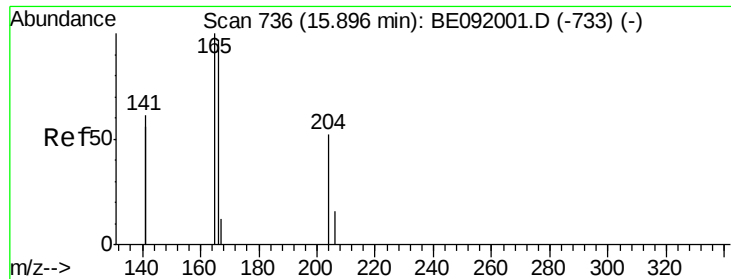
Tgt Ion:165 Resp: 25163
Ion Ratio Lower Upper
165 100
63 87.2 0.0 0.0#
89 94.0 99.8 149.8#
182 0.5 0.0 0.0#



#22
Fluorene
Concen: 1.75 ng
RT: 15.90 min Scan# 736
Delta R.T. -0.00 min
Lab File: BE092003.D
Acq: 22 Jul 2016 12:12

Tgt Ion:166 Resp: 35569
Ion Ratio Lower Upper
166 100
165 98.4 78.6 117.8
167 13.7 10.8 16.2

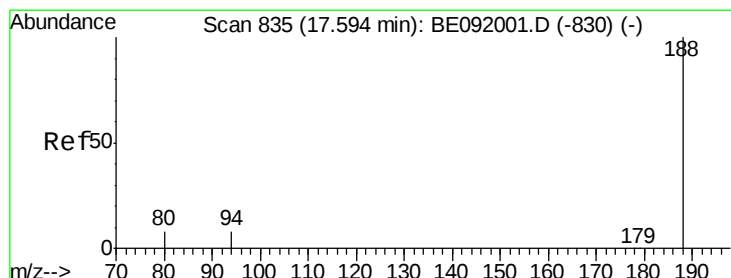
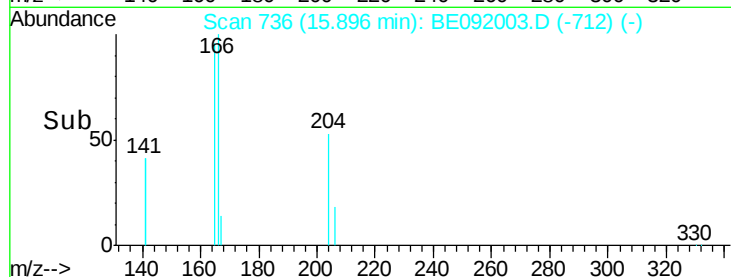
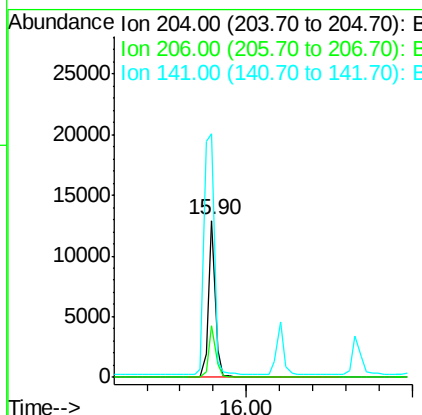
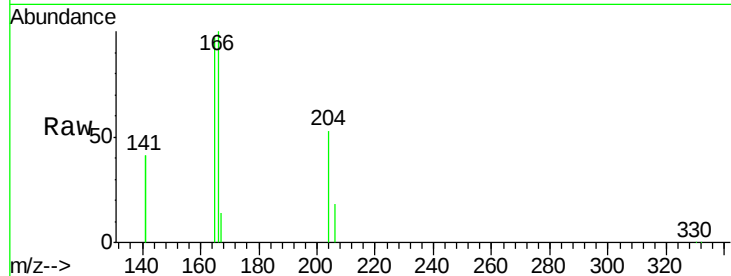




#23
 4-Chlorophenyl-phenylether
 Concen: 1.77 ng
 RT: 15.90 min Scan# 736
 Delta R.T. -0.00 min
 Lab File: BE092003.D
 Acq: 22 Jul 2016 12:12

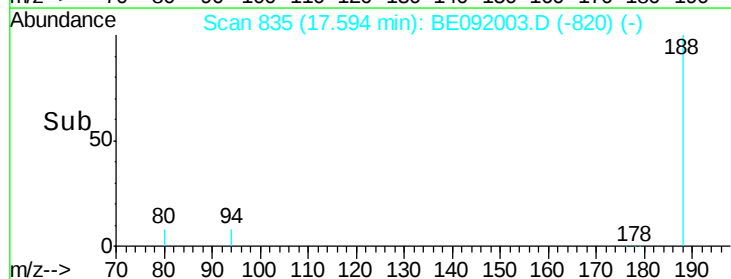
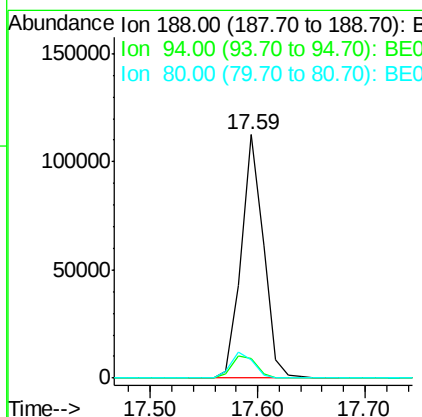
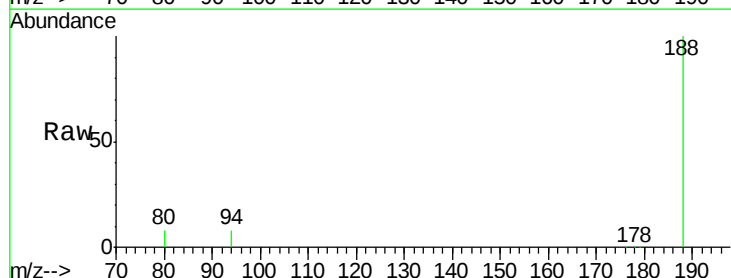
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC1.6

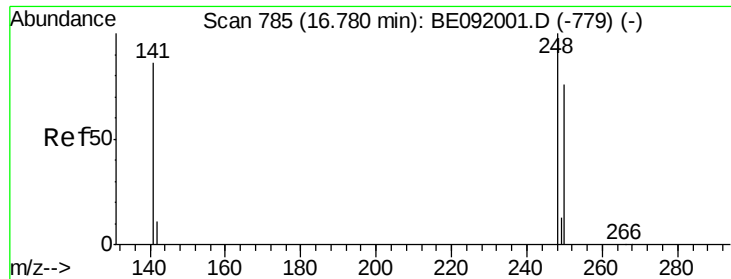
Tgt Ion: 204 Resp: 17974
 Ion Ratio Lower Upper
 204 100
 206 33.8 27.8 41.6
 141 237.4 197.6 296.4



#24
 Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.59 min Scan# 835
 Delta R.T. -0.00 min
 Lab File: BE092003.D
 Acq: 22 Jul 2016 12:12

Tgt Ion: 188 Resp: 160179
 Ion Ratio Lower Upper
 188 100
 94 8.2 4.1 6.1#
 80 7.6 3.4 5.2#





#25

4-Bromophenyl-phenylether

Concen: 1.57 ng

RT: 16.78 min Scan# 785

Delta R.T. -0.00 min

Lab File: BE092003.D

Acq: 22 Jul 2016 12:12

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

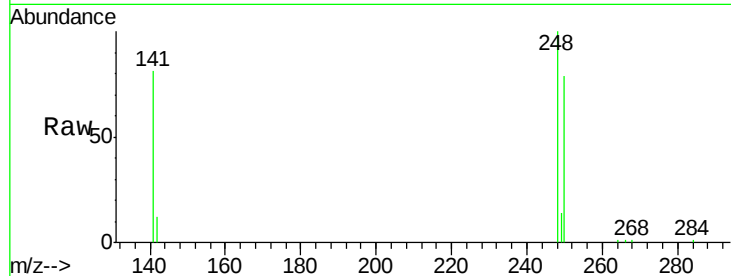
Tgt Ion:248 Resp: 10897

Ion Ratio Lower Upper

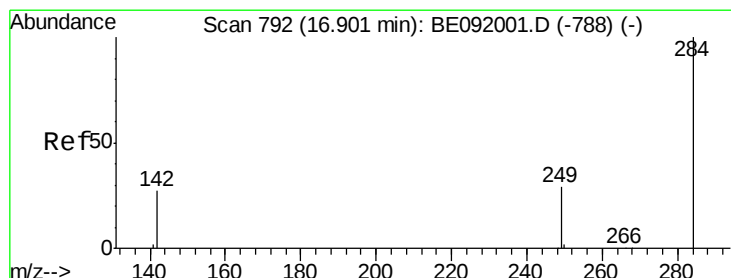
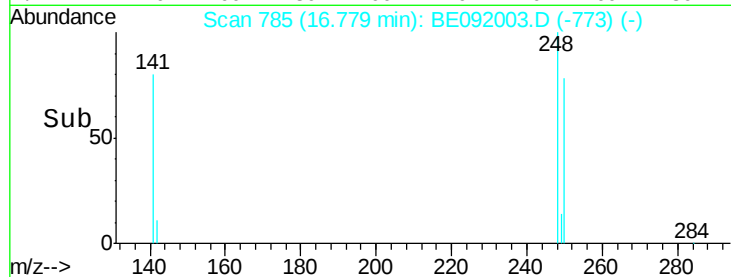
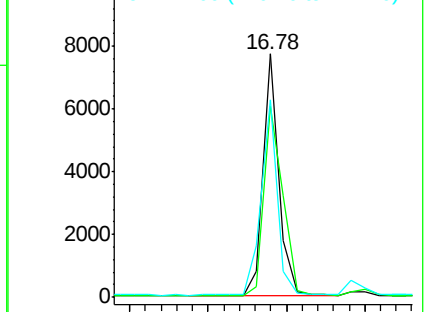
248 100

250 93.0 75.7 113.5

141 82.8 64.6 97.0



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



#26

Hexachlorobenzene

Concen: 1.56 ng

RT: 16.90 min Scan# 792

Delta R.T. -0.00 min

Lab File: BE092003.D

Acq: 22 Jul 2016 12:12

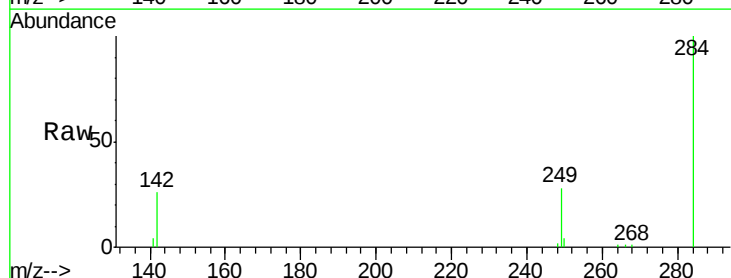
Tgt Ion:284 Resp: 10783

Ion Ratio Lower Upper

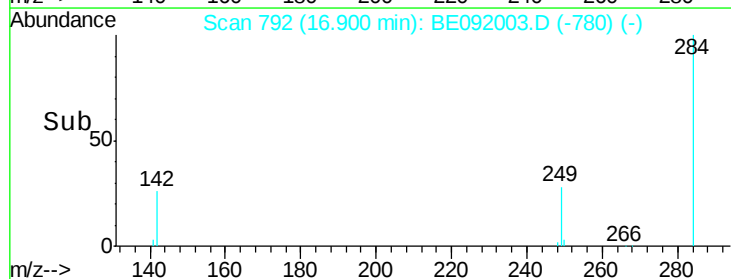
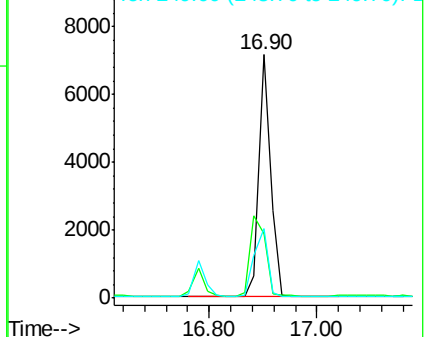
284 100

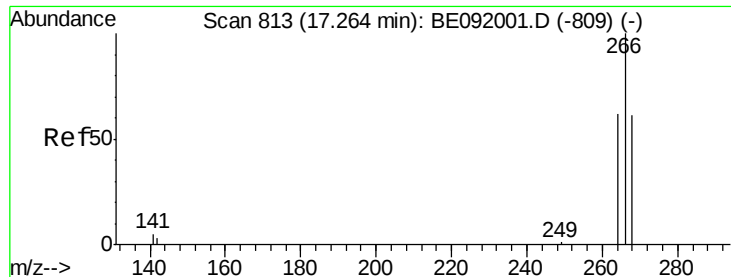
142 41.7 31.4 47.2

249 32.1 25.3 37.9



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

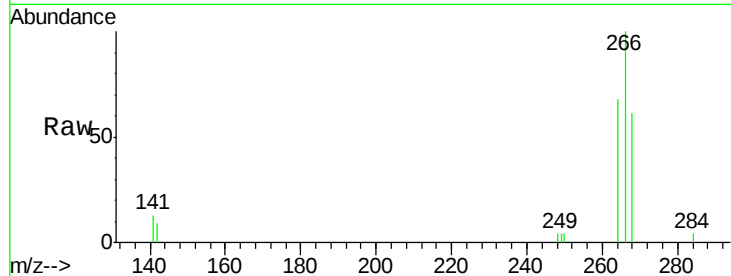




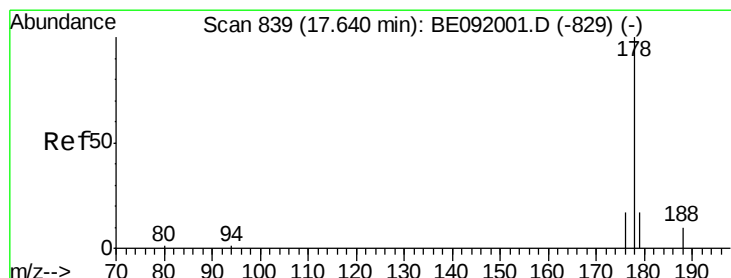
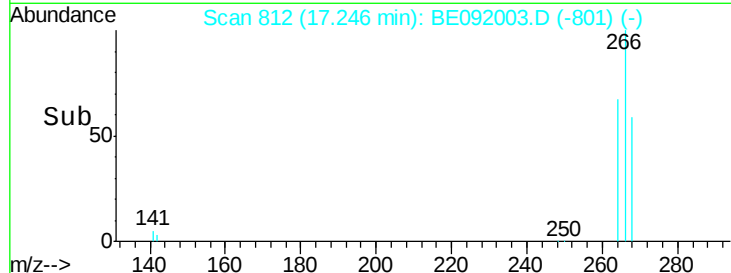
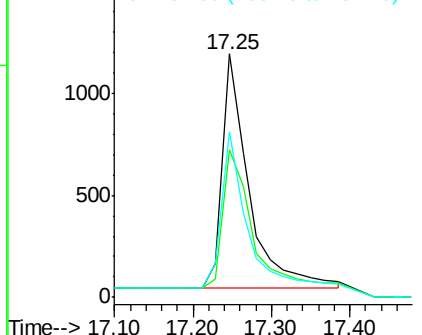
#27
 Pentachlorophenol
 Concen: 1.06 ng
 RT: 17.25 min Scan# 812
 Delta R.T. -0.02 min
 Lab File: BE092003.D
 Acq: 22 Jul 2016 12:12

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC1.6

Tgt Ion: 266 Resp: 2675
 Ion Ratio Lower Upper
 266 100
 268 60.8 60.5 90.7
 264 67.9 51.0 76.4

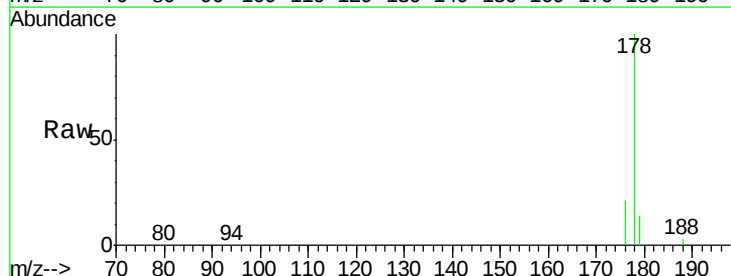


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

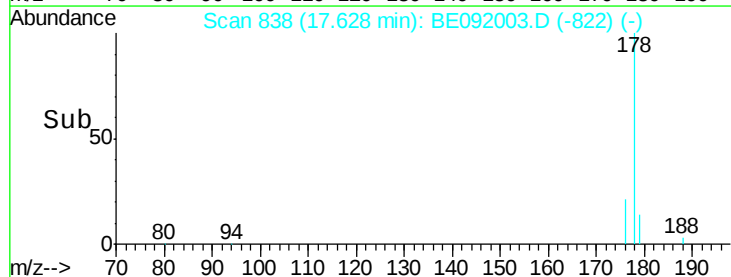
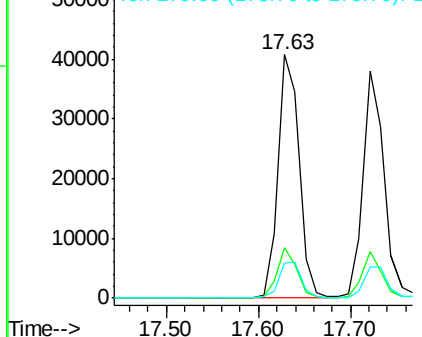


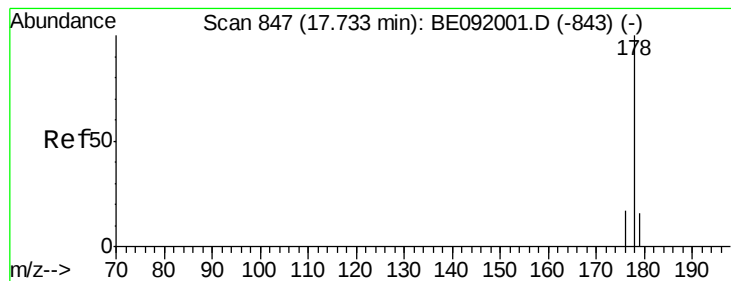
#28
 Phenanthrene
 Concen: 1.57 ng
 RT: 17.63 min Scan# 838
 Delta R.T. -0.01 min
 Lab File: BE092003.D
 Acq: 22 Jul 2016 12:12

Tgt Ion: 178 Resp: 65440
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.2
 179 15.5 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: 1.56 ng

RT: 17.72 min Scan# 846

Delta R.T. -0.01 min

Lab File: BE092003.D

Acq: 22 Jul 2016 12:12

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

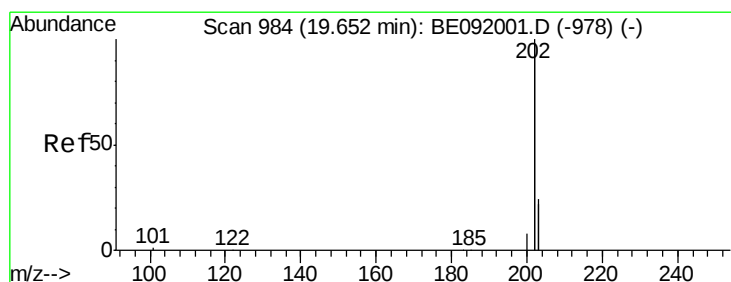
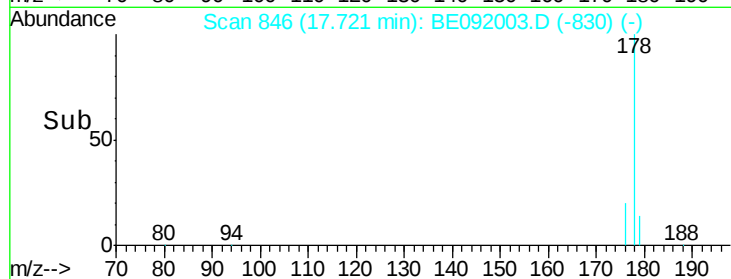
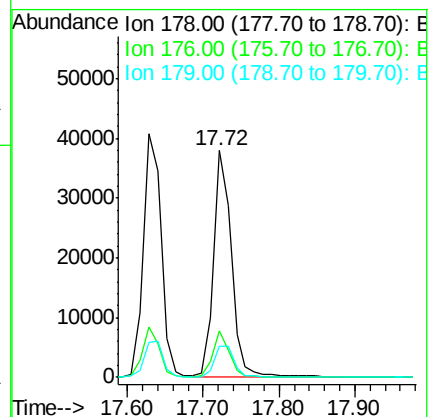
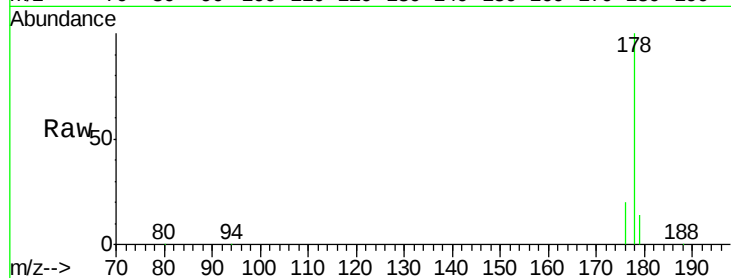
Tgt Ion:178 Resp: 60994

Ion Ratio Lower Upper

178 100

176 18.9 15.1 22.7

179 15.4 12.1 18.1



#30

Fluoranthene

Concen: 1.51 ng

RT: 19.63 min Scan# 983

Delta R.T. -0.02 min

Lab File: BE092003.D

Acq: 22 Jul 2016 12:12

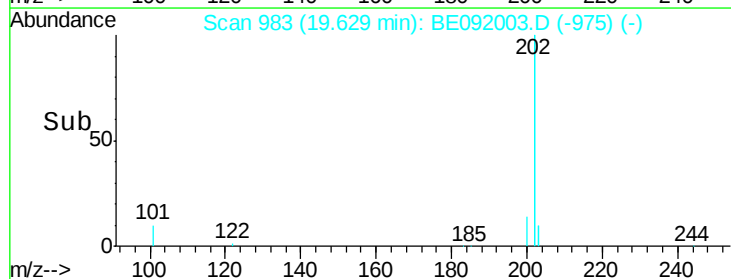
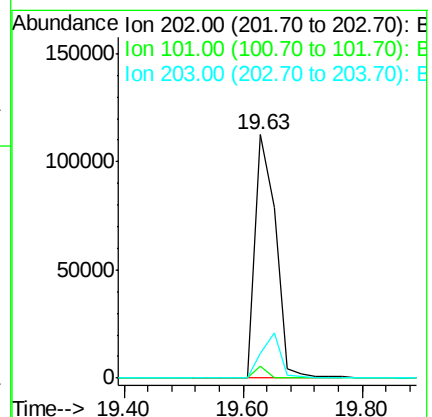
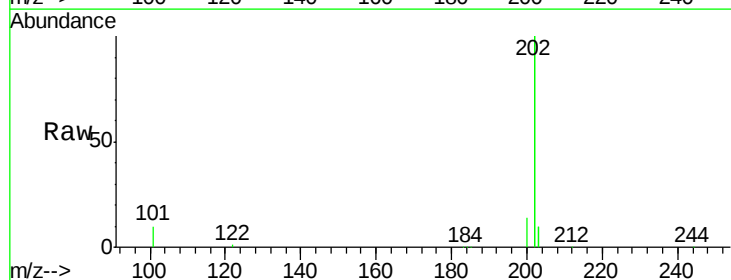
Tgt Ion:202 Resp: 271216

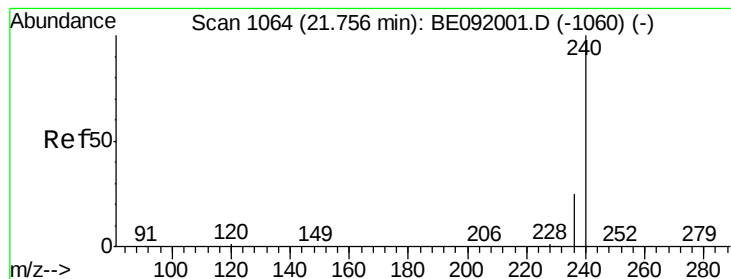
Ion Ratio Lower Upper

202 100

101 3.3 9.4 14.0#

203 0.0 14.3 21.5#

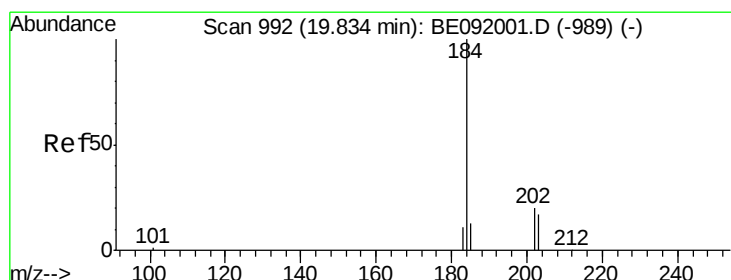
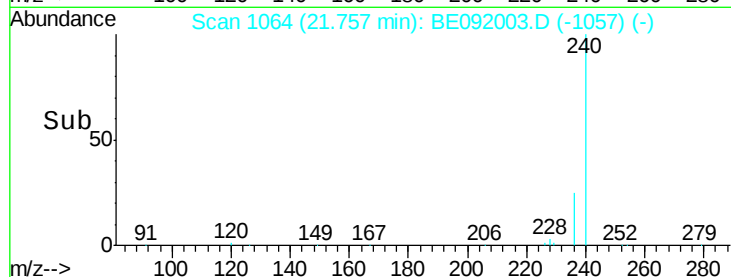
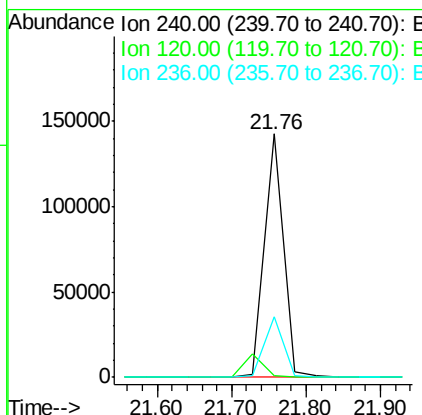
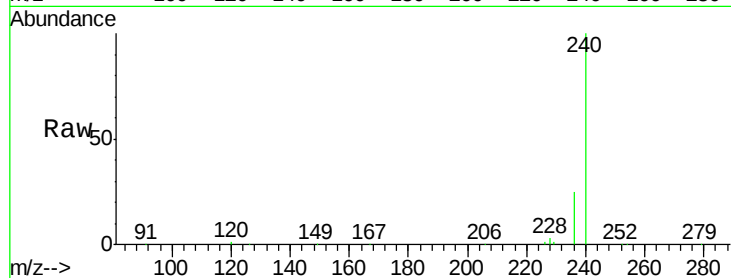




#31
Chrysene-d12
Concen: 5.00 ng
RT: 21.76 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BE092003.D
Acq: 22 Jul 2016 12:12

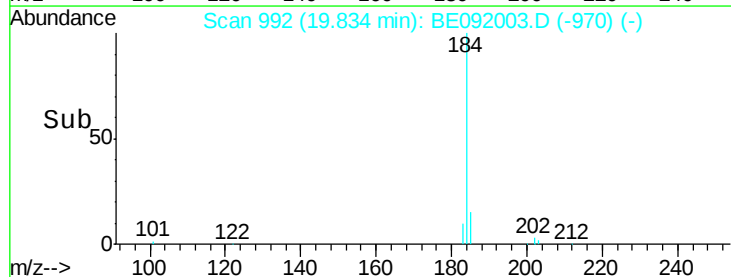
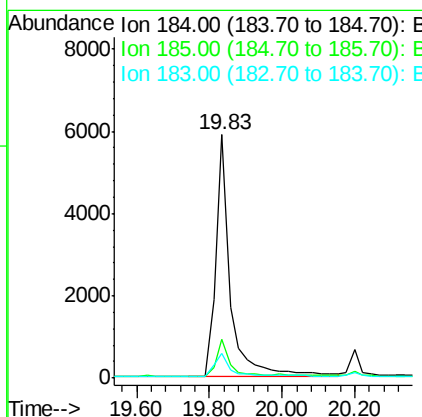
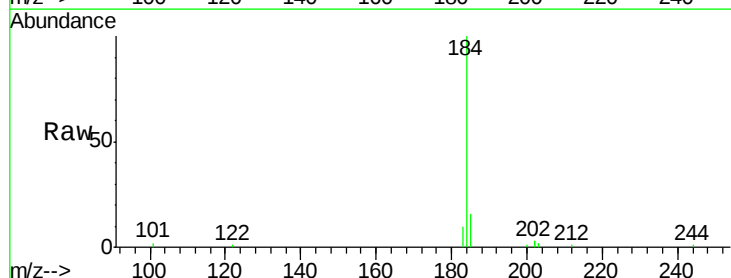
Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

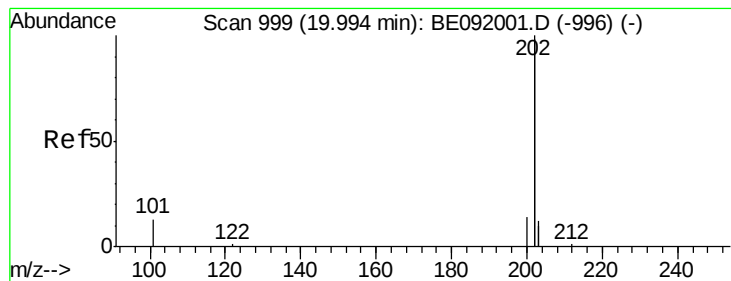
Tgt Ion:240 Resp: 255923
Ion Ratio Lower Upper
240 100
120 0.8 1.2 1.8#
236 25.1 19.8 29.8



#32
Benzidine
Concen: 0.95 ng
RT: 19.83 min Scan# 992
Delta R.T. -0.00 min
Lab File: BE092003.D
Acq: 22 Jul 2016 12:12

Tgt Ion:184 Resp: 16125
Ion Ratio Lower Upper
184 100
185 15.8 11.4 17.2
183 10.4 11.8 17.6#





#33

Pyrene

Concen: 1.63 ng

RT: 19.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: BE092003.D

Acq: 22 Jul 2016 12:12

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

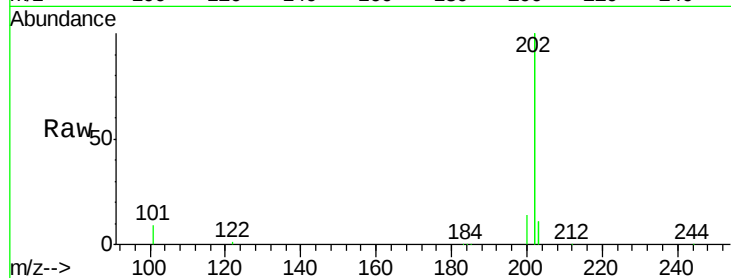
Tgt Ion:202 Resp: 303922

Ion Ratio Lower Upper

202 100

200 5.7 16.9 25.3#

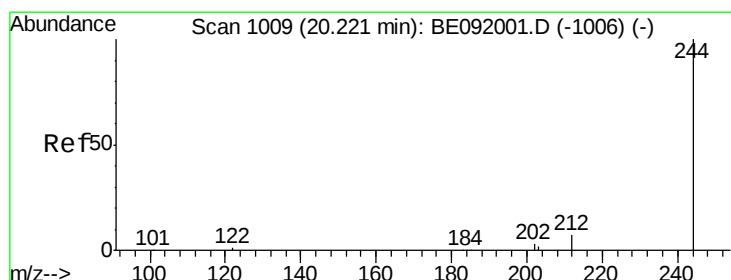
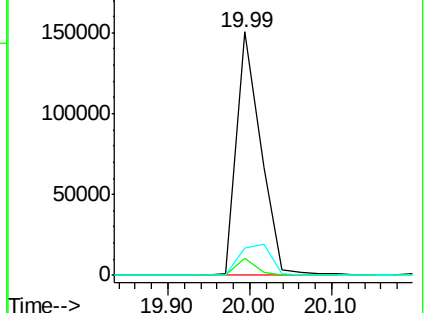
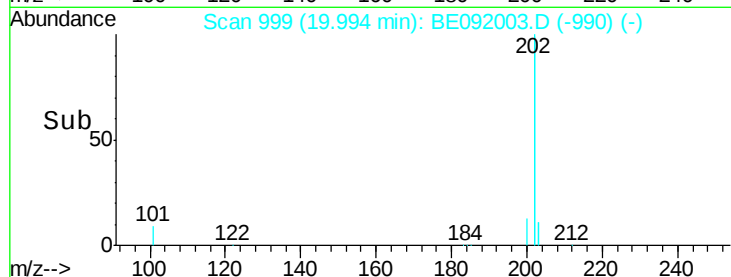
203 0.0 14.1 21.1#



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: 1.36 ng

RT: 20.22 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BE092003.D

Acq: 22 Jul 2016 12:12

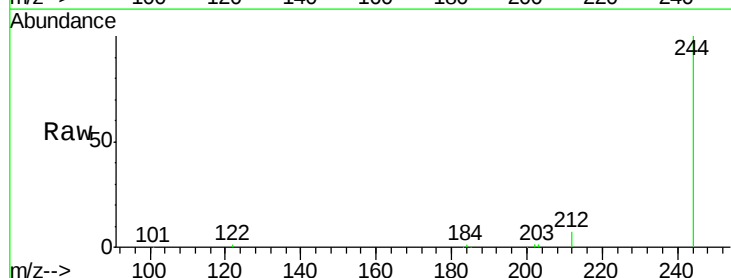
Tgt Ion:244 Resp: 40933

Ion Ratio Lower Upper

244 100

212 6.5 6.5 9.7

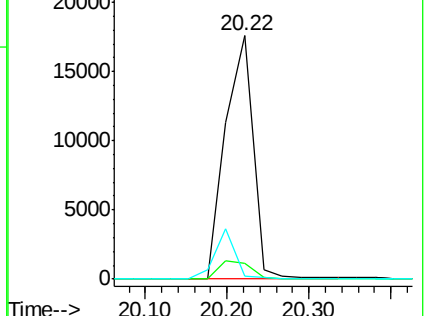
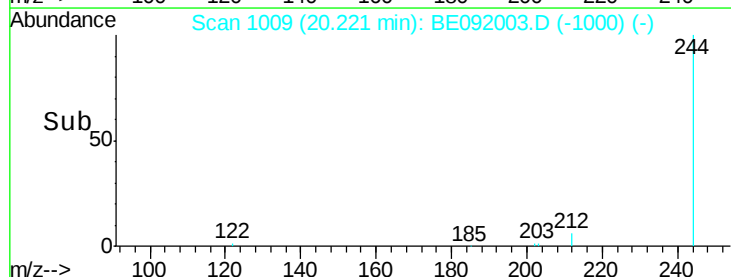
122 1.0 2.9 4.3#

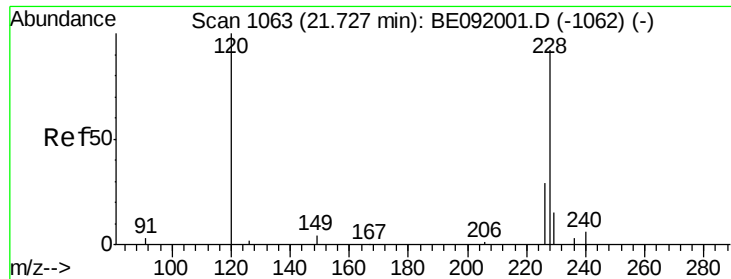


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#35

Benzo(a)anthracene

Concen: 2.28 ng

RT: 21.73 min Scan# 1063

Delta R.T. 0.00 min

Lab File: BE092003.D

Acq: 22 Jul 2016 12:12

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

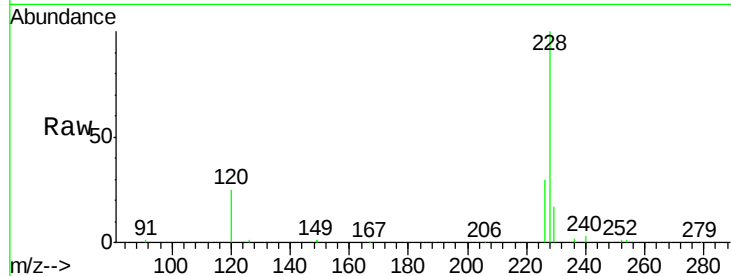
Tgt Ion:228 Resp: 97819

Ion Ratio Lower Upper

228 100

226 30.1 21.0 31.4

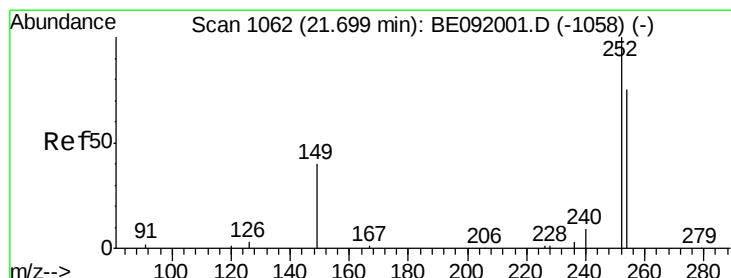
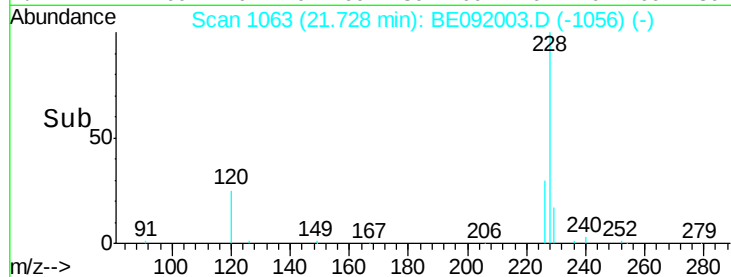
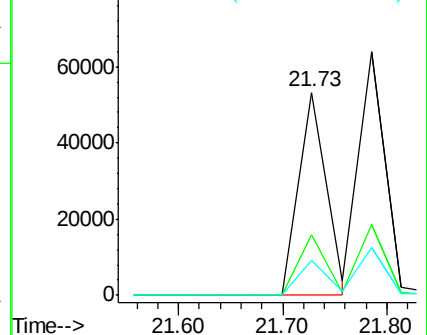
229 17.4 15.8 23.8



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: 1.21 ng

RT: 21.67 min Scan# 1061

Delta R.T. -0.03 min

Lab File: BE092003.D

Acq: 22 Jul 2016 12:12

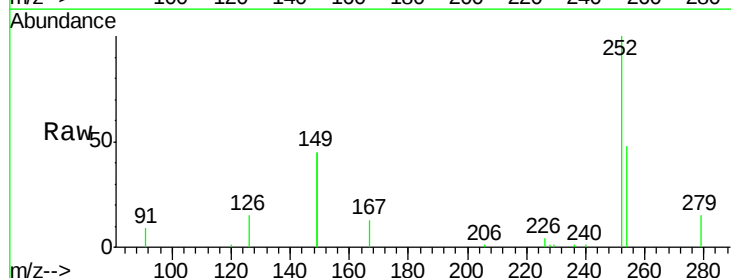
Tgt Ion:252 Resp: 15951

Ion Ratio Lower Upper

252 100

254 47.7 61.5 92.3#

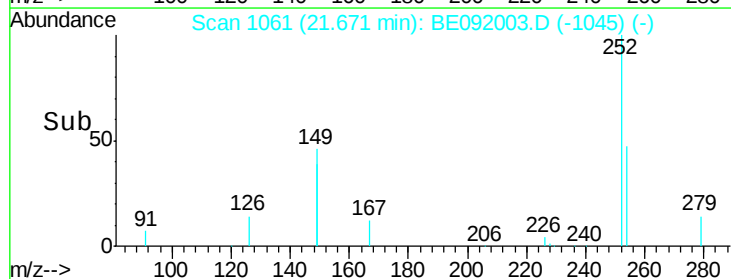
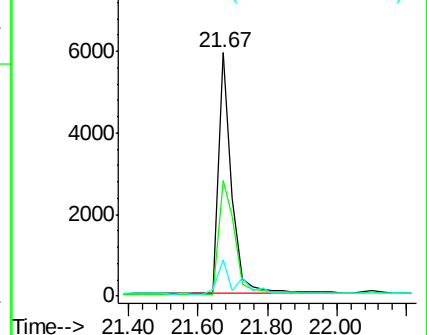
126 15.1 2.5 3.7#

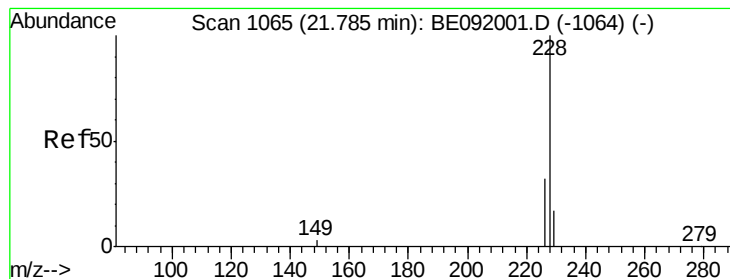


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#37

Chrysene

Concen: 1.61 ng

RT: 21.73 min Scan# 1063

Delta R.T. -0.06 min

Lab File: BE092003.D

Acq: 22 Jul 2016 12:12

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

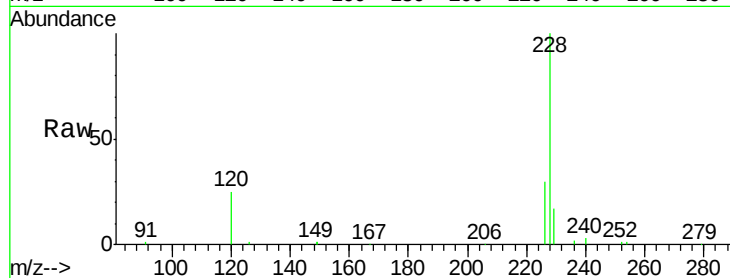
Tgt Ion:228 Resp: 97805

Ion Ratio Lower Upper

228 100

226 30.1 27.0 40.6

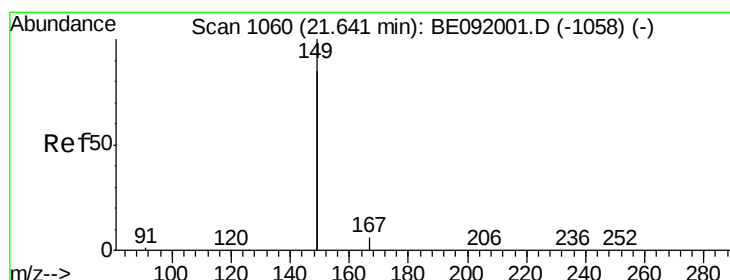
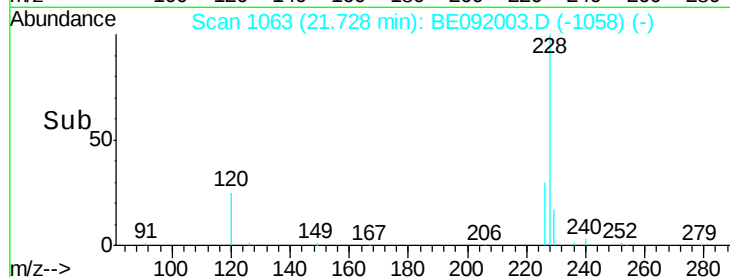
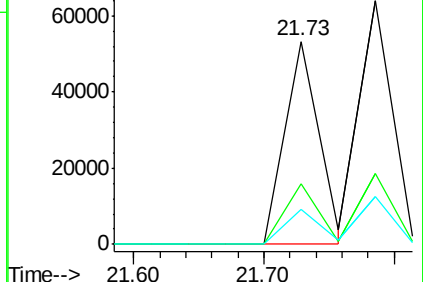
229 17.4 13.8 20.8



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



#38

Bis(2-ethylhexyl)phthalate

Concen: 1.60 ng

RT: 21.64 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BE092003.D

Acq: 22 Jul 2016 12:12

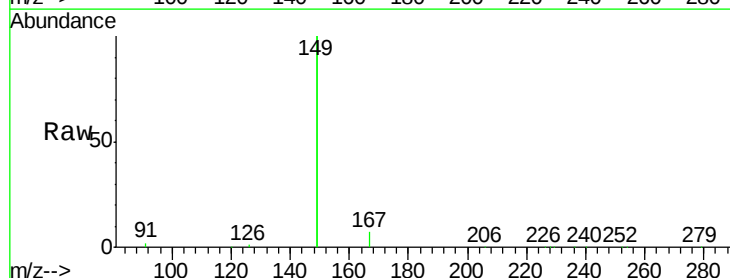
Tgt Ion:149 Resp: 79419

Ion Ratio Lower Upper

149 100

167 4.7 0.0 0.0#

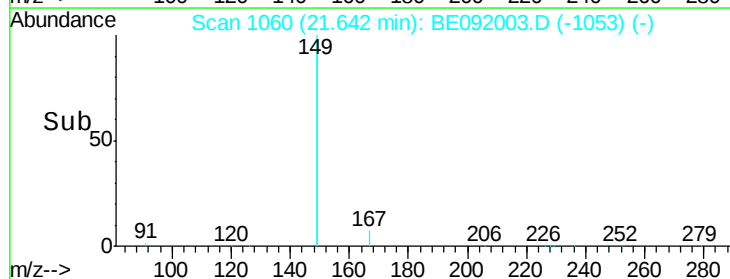
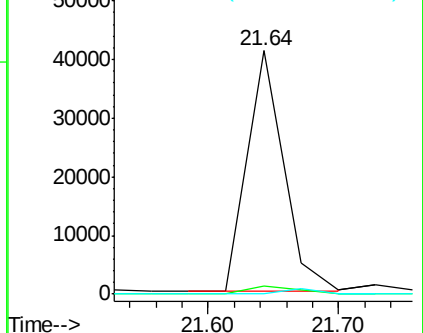
279 0.0 0.0 0.0

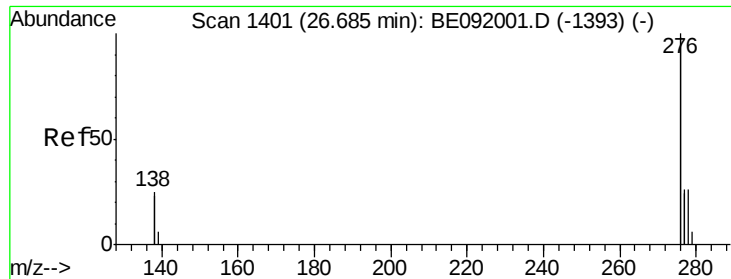


Abundance Ion 149.00 (148.70 to 149.70): E

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: 1.30 ng

RT: 26.68 min Scan# 1400

Delta R.T. -0.00 min

Lab File: BE092003.D

Acq: 22 Jul 2016 12:12

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

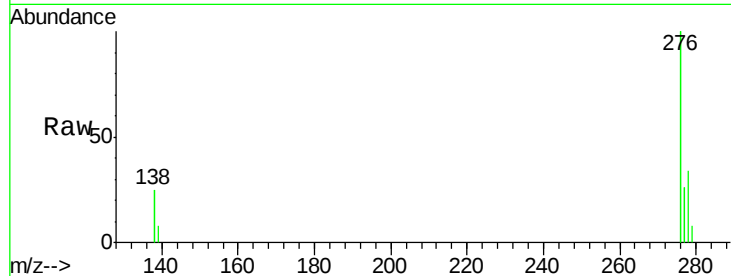
Tgt Ion:276 Resp: 311020

Ion Ratio Lower Upper

276 100

138 26.6 19.7 29.5

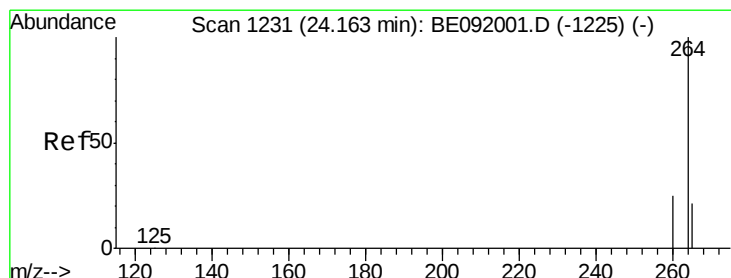
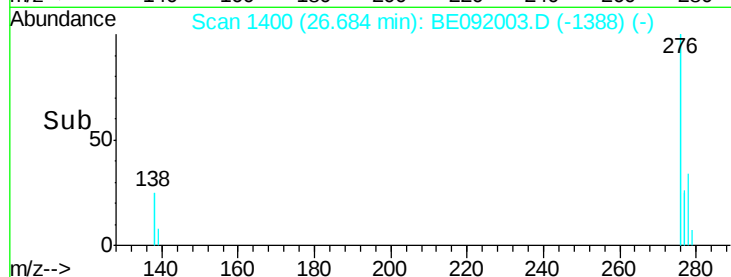
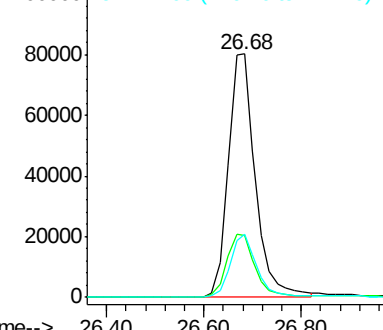
277 24.8 20.1 30.1



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: 24.16 min Scan# 1230

Delta R.T. -0.00 min

Lab File: BE092003.D

Acq: 22 Jul 2016 12:12

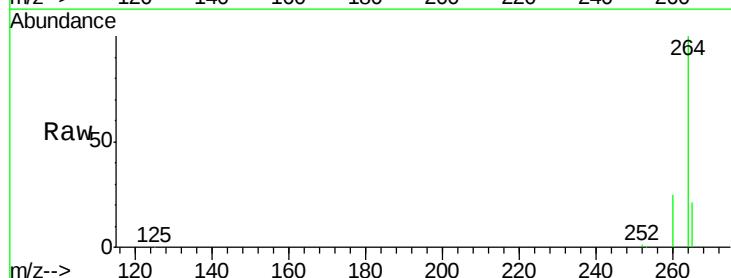
Tgt Ion:264 Resp: 180440

Ion Ratio Lower Upper

264 100

260 25.3 20.3 30.5

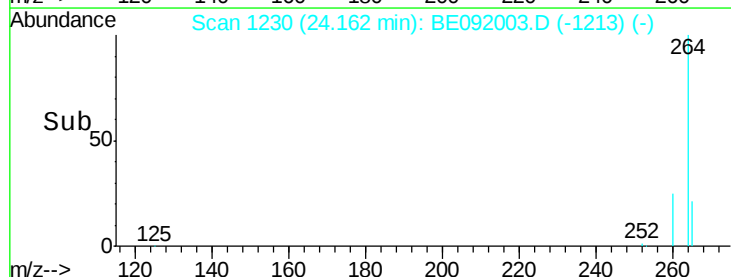
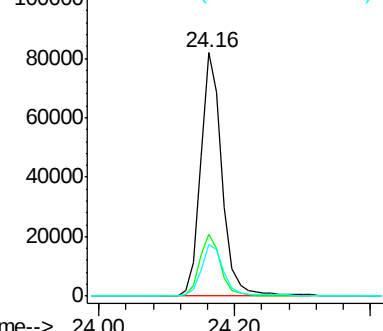
265 21.1 17.6 26.4

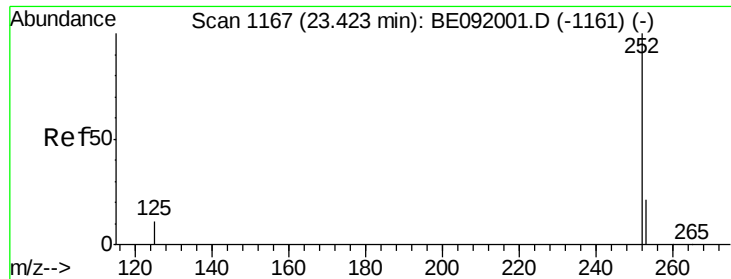


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#41

Benzo(b)fluoranthene

Concen: 1.52 ng

RT: 23.42 min Scan# 1166

Delta R.T. -0.00 min

Lab File: BE092003.D

Acq: 22 Jul 2016 12:12

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

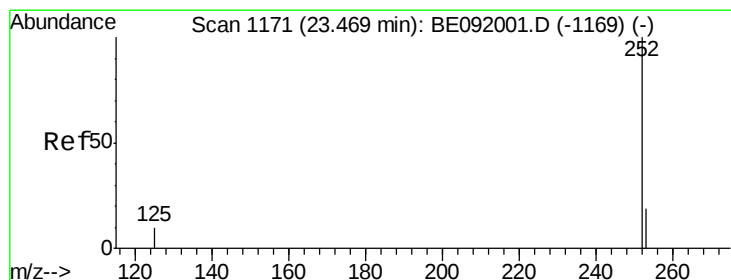
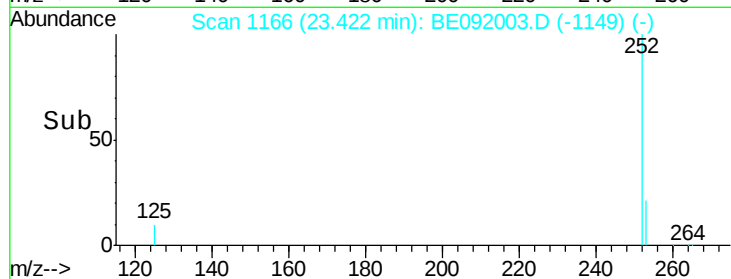
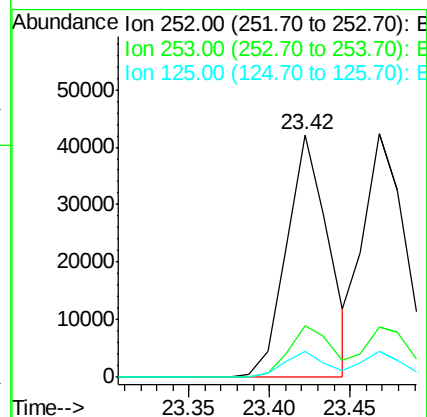
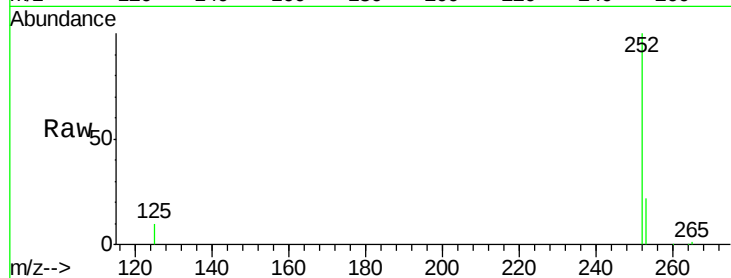
Tgt Ion:252 Resp: 75841

Ion Ratio Lower Upper

252 100

253 21.5 17.8 26.6

125 10.5 9.4 14.2



#42

Benzo(k)fluoranthene

Concen: 1.65 ng

RT: 23.47 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BE092003.D

Acq: 22 Jul 2016 12:12

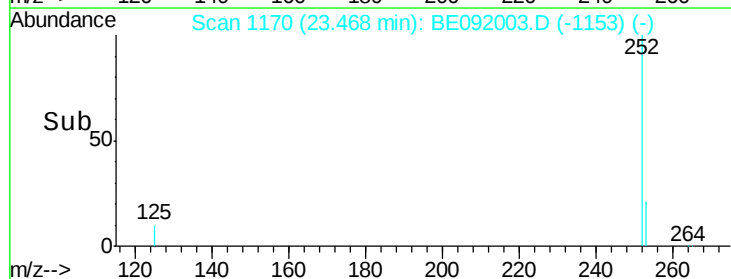
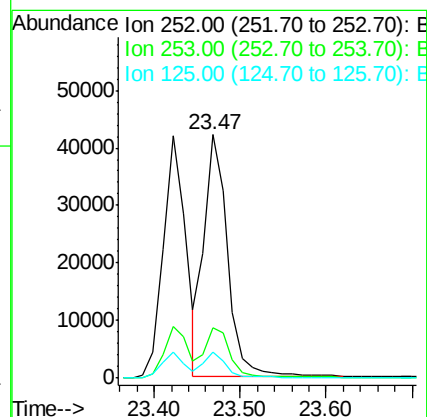
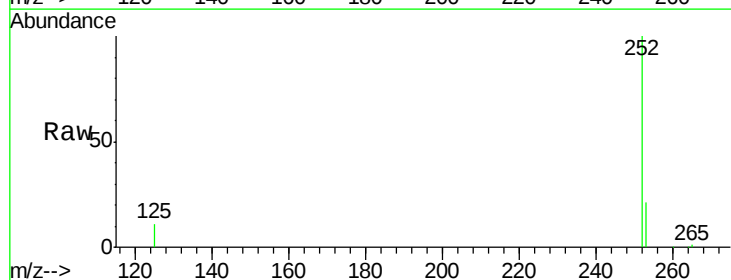
Tgt Ion:252 Resp: 79561

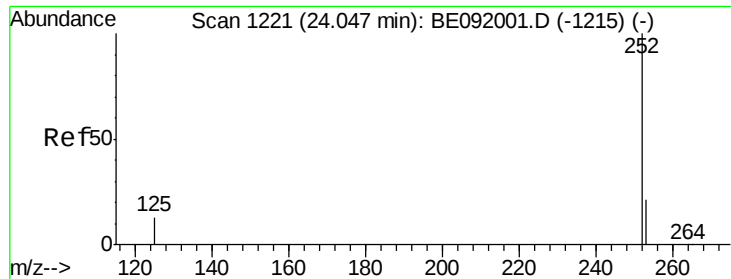
Ion Ratio Lower Upper

252 100

253 20.8 19.4 29.2

125 10.6 8.3 12.5





#43

Benzo(a)pyrene

Concen: 1.48 ng

RT: 24.05 min Scan# 1220

Delta R.T. -0.00 min

Lab File: BE092003.D

Acq: 22 Jul 2016 12:12

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

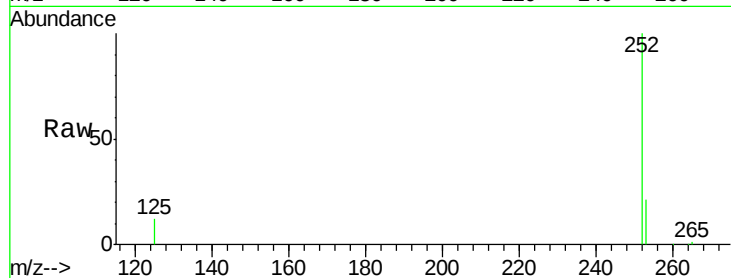
Tgt Ion: 252 Resp: 69565

Ion Ratio Lower Upper

252 100

253 20.6 18.9 28.3

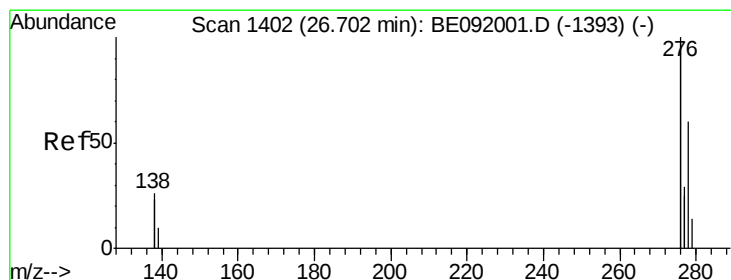
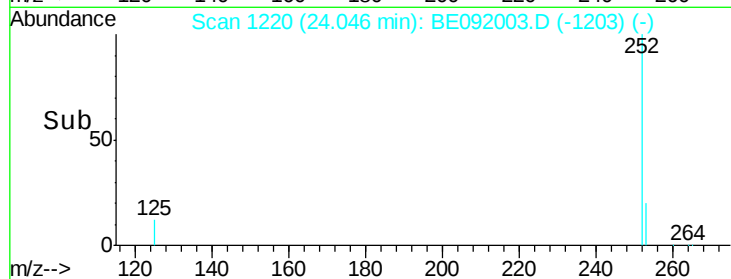
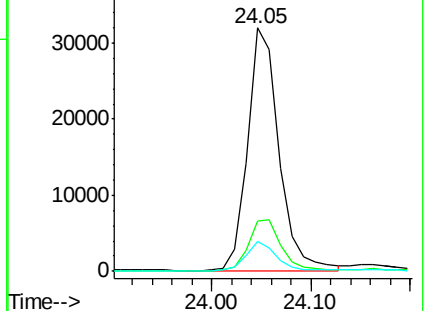
125 12.1 10.5 15.7



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



#44

Dibenzo(a,h)anthracene

Concen: 1.43 ng

RT: 26.70 min Scan# 1401

Delta R.T. -0.00 min

Lab File: BE092003.D

Acq: 22 Jul 2016 12:12

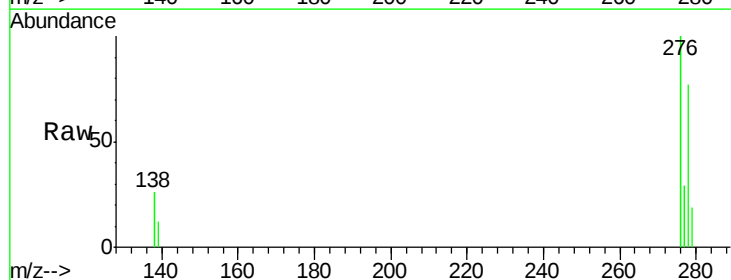
Tgt Ion: 278 Resp: 63342

Ion Ratio Lower Upper

278 100

139 15.5 12.6 18.8

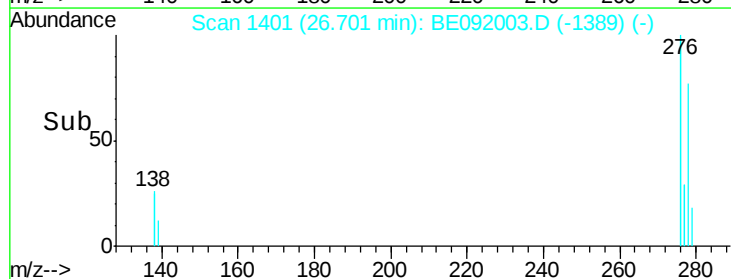
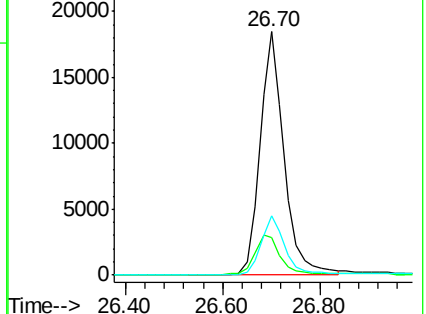
279 24.2 20.0 30.0

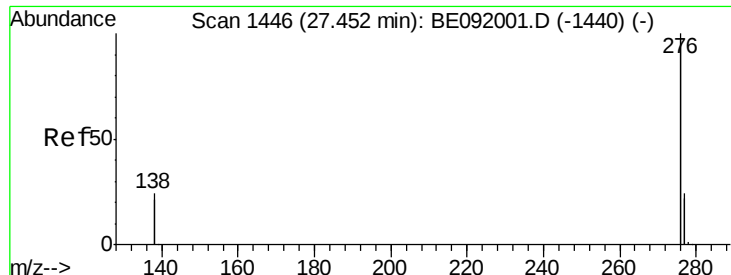


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#45

Benzo(g,h,i)perylene

Concen: 1.43 ng

RT: 27.45 min Scan# 1445

Delta R.T. -0.00 min

Lab File: BE092003.D

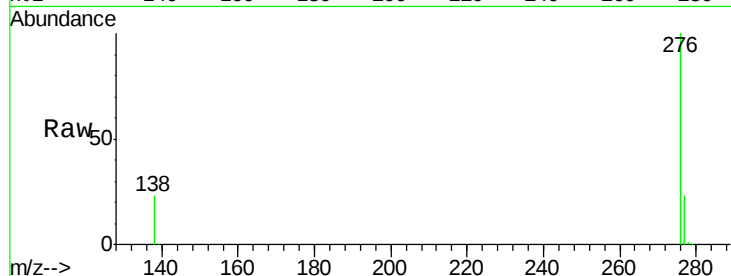
Acq: 22 Jul 2016 12:12

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6



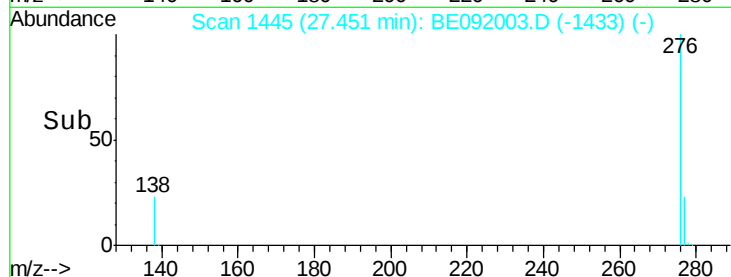
Tgt Ion: 276 Resp: 258266

Ion Ratio Lower Upper

276 100

277 23.0 19.5 29.3

138 22.8 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

