

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072216\
 Data File : BE092001.D
 Acq On : 22 Jul 2016 10:55
 Operator : UM/SJ
 Sample : SSTDICC0.4
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.4

Quant Time: Jul 22 11:57:13 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	20335	5.00	ng	0.00
8) Naphthalene-d8	10.99	136	97711	5.00	ng	0.00
15) Acenaphthene-d10	14.86	164	68340	5.00	ng	0.00
24) Phenanthrene-d10	17.59	188	147204	5.00	ng	0.00
31) Chrysene-d12	21.76	240	236140	5.00	ng	0.00
40) Perylene-d12	24.16	264	163770	5.00	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.72	112	1440	0.30	ng	0.00
5) Phenol-d6	7.37	99	1968	0.29	ng	0.00
9) Nitrobenzene-d5	9.38	82	2259	0.34	ng	0.00
16) 2,4,6-Tribromophenol	16.35	330	510	0.26	ng	0.00
17) 2-Fluorobiphenyl	13.48	172	6946	0.42	ng	0.00
34) Terphenyl-d14	20.22	244	9144	0.33	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.47	88	1165	0.42	ng	96
3) n-Nitrosodimethylamine	3.83	42	1113	0.36	ng	# 81
6) bis(2-Chloroethyl)ether	7.63	93	2163	0.37	ng	98
7) n-Nitroso-di-n-propylamine	9.00	70	1815	0.32	ng	# 97
10) Nitrobenzene	9.42	77	2419	0.33	ng	# 99
11) bis(2-Chloroethoxy)methane	10.45	93	3350	0.41	ng	# 21
12) Naphthalene	11.04	128	9160	0.40	ng	97
13) Hexachlorobutadiene	11.34	225	1326	0.38	ng	97
14) 2-Methylnaphthalene	12.68	142	5584	0.38	ng	98
18) Acenaphthylene	14.56	152	34599	0.40	ng	# 72
19) 2,6-Dinitrotoluene	14.43	165	3434	0.23	ng	# 50
20) Acenaphthene	14.92	154	7150	0.38	ng	# 1
21) 2,4-Dinitrotoluene	15.25	165	6884	0.45	ng	# 1
22) Fluorene	15.90	166	7911	0.40	ng	99
23) 4-Chlorophenyl-phenylether	15.90	204	4074	0.41	ng	99
25) 4-Bromophenyl-phenylether	16.78	248	2432	0.38	ng	98
26) Hexachlorobenzene	16.90	284	2602	0.41	ng	98
27) Pentachlorophenol	17.26	266	365	0.16	ng	94
28) Phenanthrene	17.64	178	15457	0.40	ng	100
29) Anthracene	17.73	178	13196	0.37	ng	100
30) Fluoranthene	19.65	202	57960	0.35	ng	# 87
32) Benzidine	19.83	184	2332	0.15	ng	# 91
33) Pyrene	19.99	202	64124	0.37	ng	# 64
35) Benzo(a)anthracene	21.78	228	44622	1.13	ng	93
36) 3,3'-Dichlorobenzidine	21.70	252	2423	0.20	ng	# 99
37) Chrysene	21.78	228	45176	0.81	ng	96
38) Bis(2-ethylhexyl)phthalate	21.64	149	12643	0.28	ng	# 100
39) Indeno(1,2,3-cd)pyrene	26.68	276	70010	0.32	ng	98
41) Benzo(b)fluoranthene	23.42	252	16395	0.36	ng	100
42) Benzo(k)fluoranthene	23.47	252	17583	0.40	ng	96
43) Benzo(a)pyrene	24.05	252	15347	0.36	ng	96
44) Dibenzo(a,h)anthracene	26.70	278	13942	0.35	ng	97
45) Benzo(g,h,i)perylene	27.45	276	56855	0.35	ng	98

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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Quant Time: Jul 22 11:57:13 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

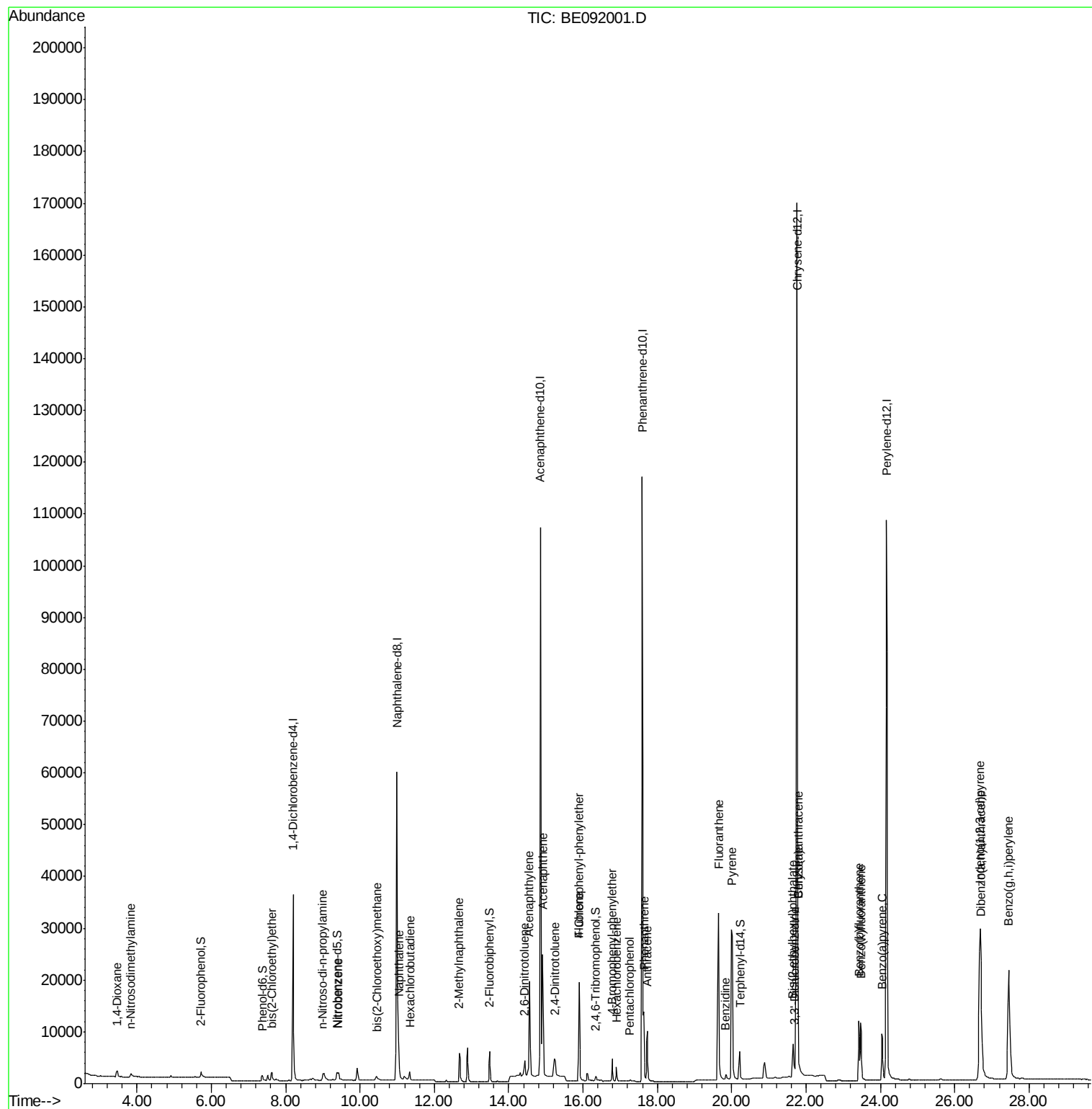
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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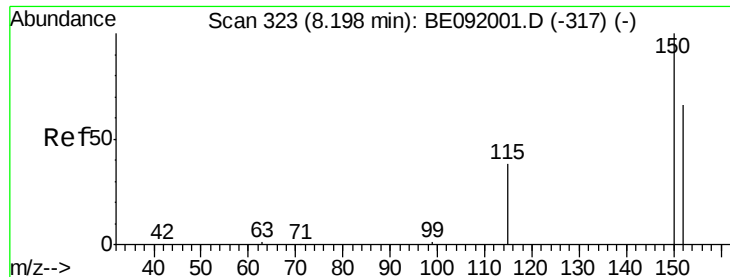
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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Quant Time: Jul 22 11:57:13 2016
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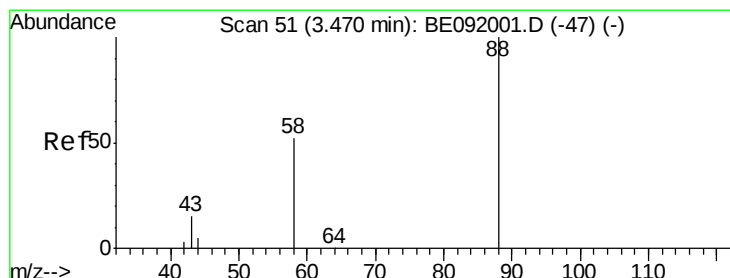
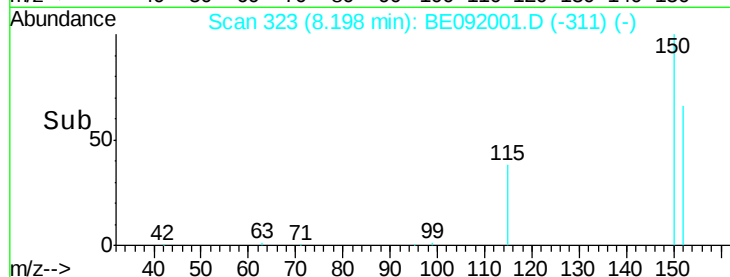
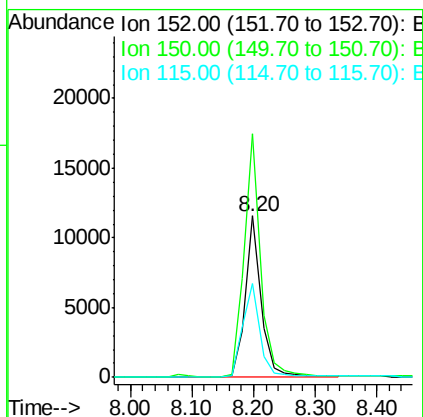
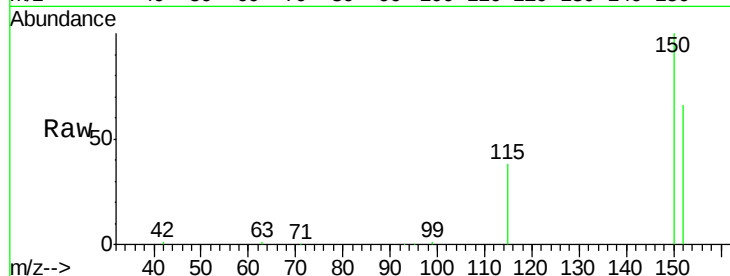




#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 8.20 min Scan# 323
 Delta R.T. 0.00 min
 Lab File: BE092001.D
 Acq: 22 Jul 2016 10:55

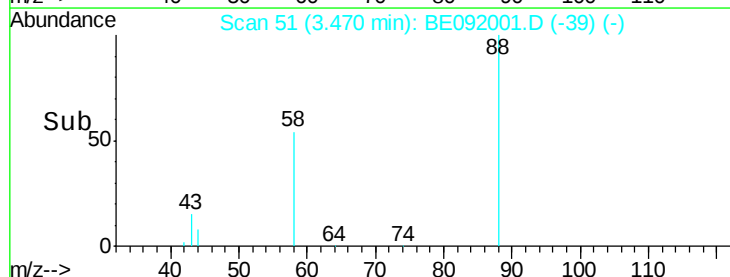
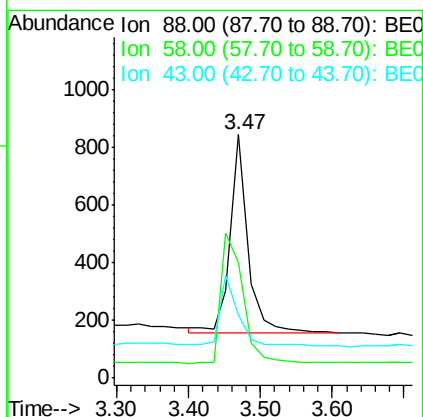
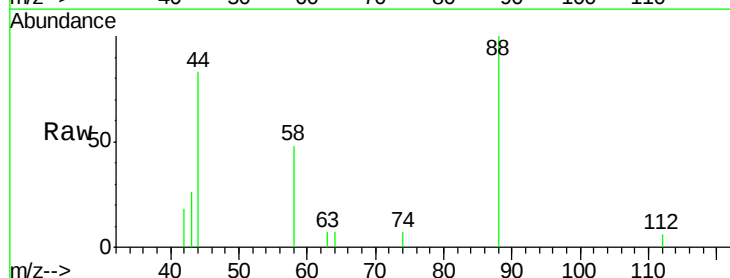
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.4

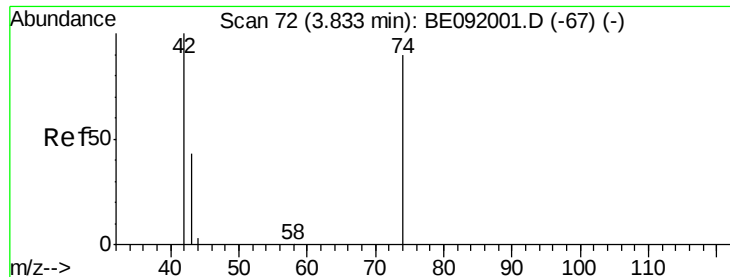
Tgt Ion: 152 Resp: 20335
 Ion Ratio Lower Upper
 152 100
 150 151.1 123.9 185.9
 115 57.9 48.3 72.5



#2
 1,4-Dioxane
 Concen: 0.42 ng
 RT: 3.47 min Scan# 51
 Delta R.T. 0.00 min
 Lab File: BE092001.D
 Acq: 22 Jul 2016 10:55

Tgt Ion: 88 Resp: 1165
 Ion Ratio Lower Upper
 88 100
 58 82.5 63.0 94.4
 43 34.8 29.1 43.7



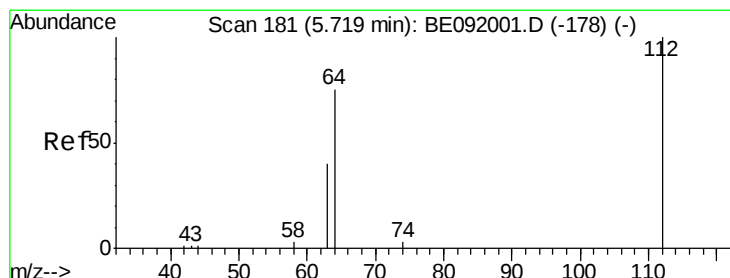
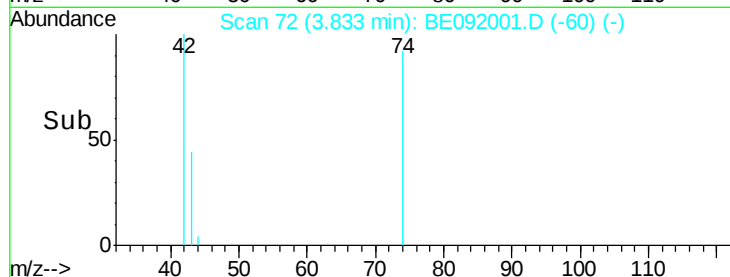
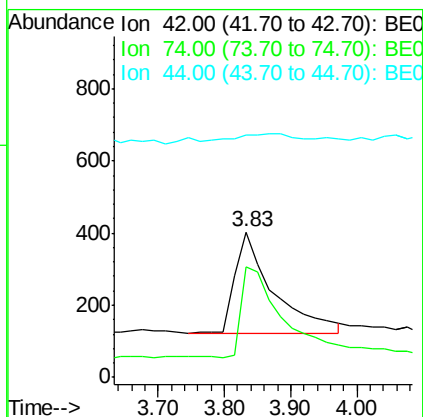
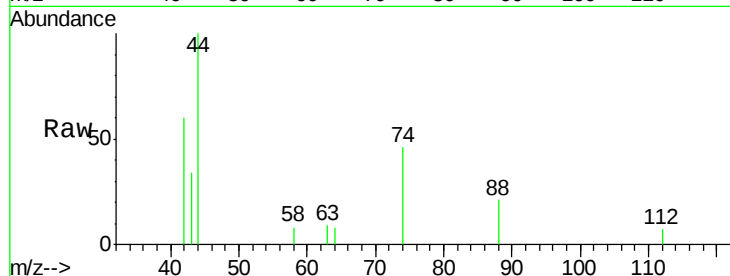


#3

n-Nitrosodimethylamine
 Concen: 0.36 ng
 RT: 3.83 min Scan# 72
 Delta R.T. 0.00 min
 Lab File: BE092001.D
 Acq: 22 Jul 2016 10:55

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.4

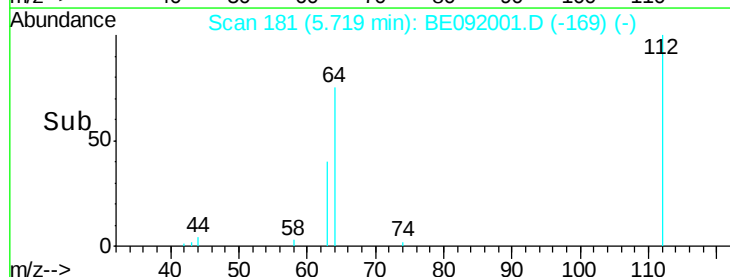
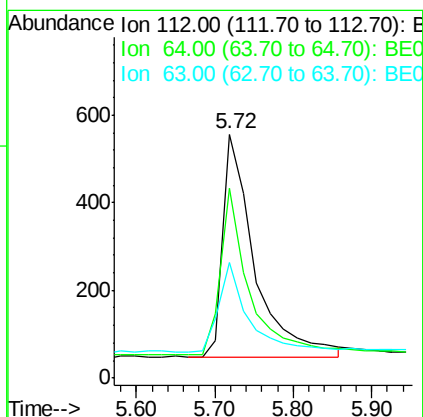
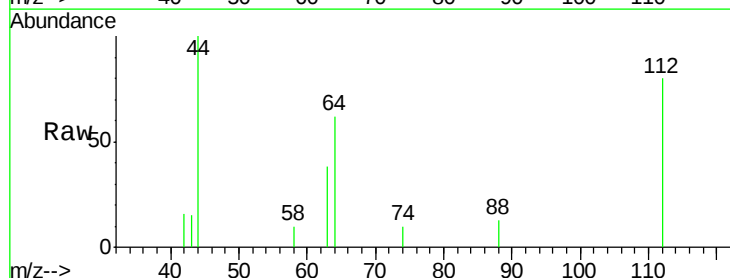
Tgt Ion: 42 Resp: 1113
 Ion Ratio Lower Upper
 42 100
 74 95.8 93.4 140.0
 44 0.0 5.0 7.6#

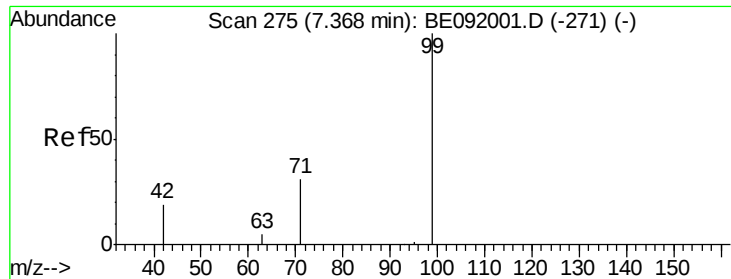


#4

2-Fluorophenol
 Concen: 0.30 ng
 RT: 5.72 min Scan# 181
 Delta R.T. 0.00 min
 Lab File: BE092001.D
 Acq: 22 Jul 2016 10:55

Tgt Ion: 112 Resp: 1440
 Ion Ratio Lower Upper
 112 100
 64 68.5 53.7 80.5
 63 38.1 29.5 44.3





#5

Phenol-d6

Concen: 0.29 ng

RT: 7.37 min Scan# 275

Delta R.T. 0.00 min

Lab File: BE092001.D

Acq: 22 Jul 2016 10:55

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

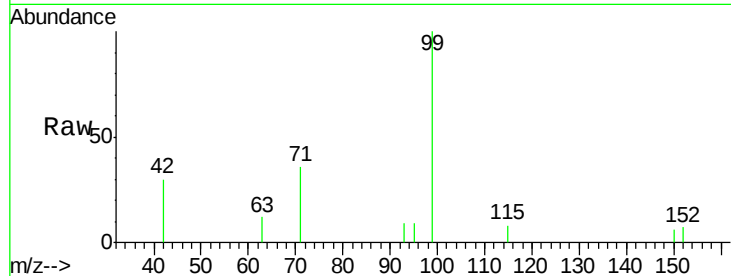
Tgt Ion: 99 Resp: 1968

Ion Ratio Lower Upper

99 100

42 26.6 19.6 29.4

71 35.9 28.1 42.1

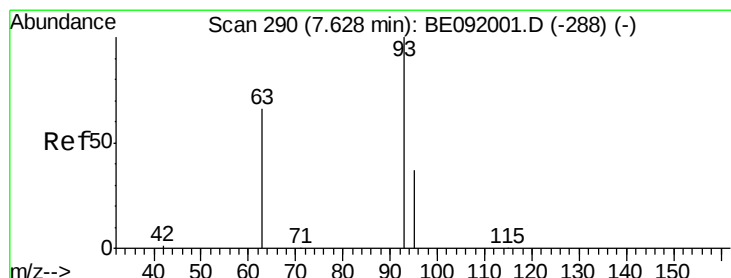
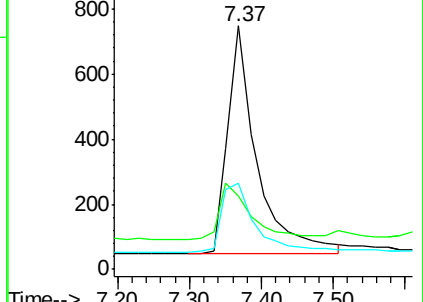
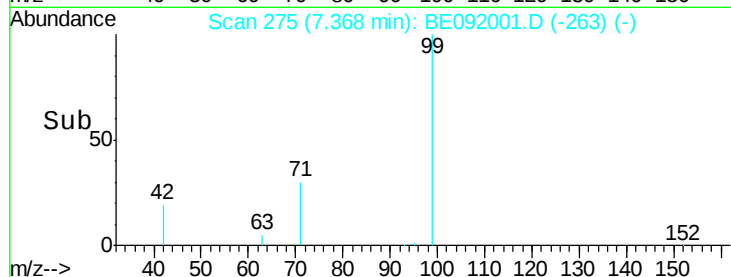


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.37 ng

RT: 7.63 min Scan# 290

Delta R.T. 0.00 min

Lab File: BE092001.D

Acq: 22 Jul 2016 10:55

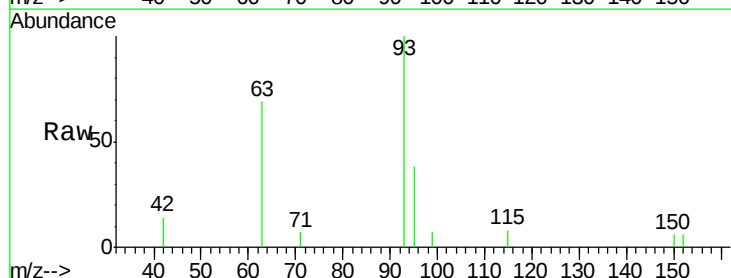
Tgt Ion: 93 Resp: 2163

Ion Ratio Lower Upper

93 100

63 85.1 66.2 99.4

95 32.9 25.5 38.3

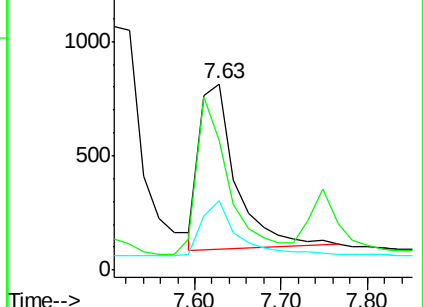
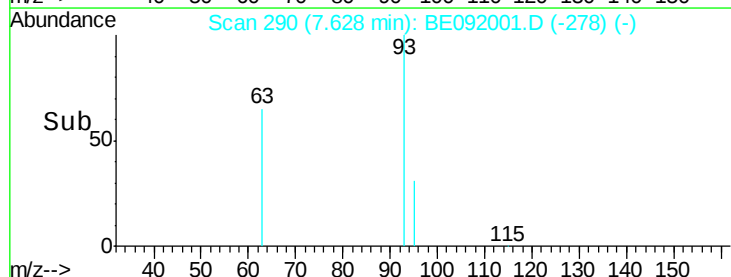


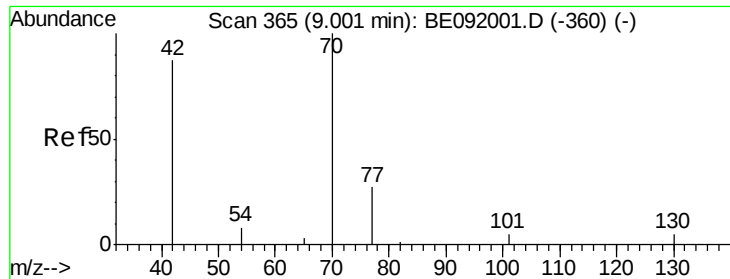
Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0

Time-->





#7

n-Nitroso-di-n-propylamine

Concen: 0.32 ng

RT: 9.00 min Scan# 365

Delta R.T. 0.00 min

Lab File: BE092001.D

Acq: 22 Jul 2016 10:55

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

Tgt Ion: 70 Resp: 1815

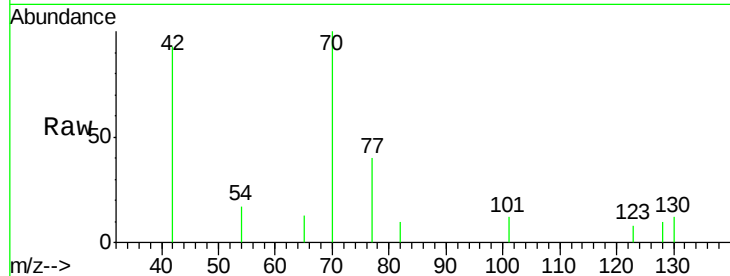
Ion Ratio Lower Upper

70 100

42 75.3 58.4 87.6

101 7.9 6.4 9.6

130 15.7 0.0 0.0#

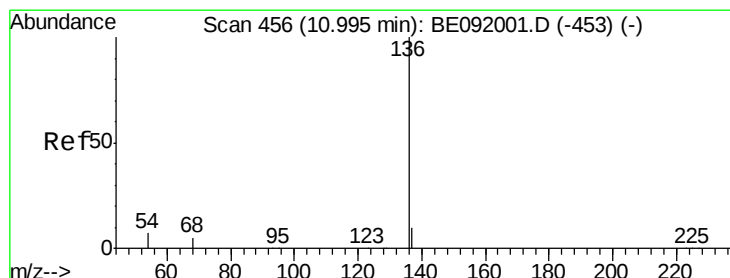
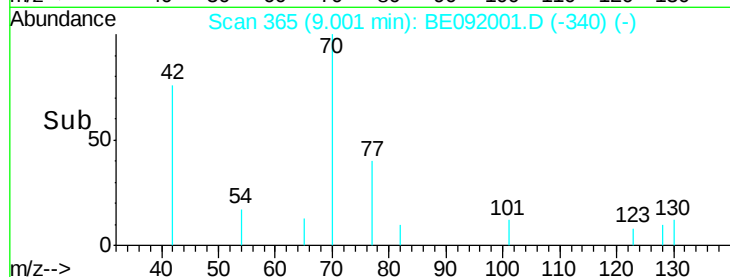
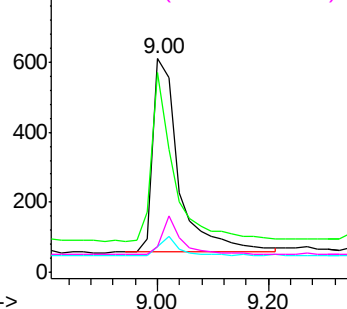


Abundance Ion 70.00 (69.70 to 70.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#8

Naphthalene-d8

Concen: 5.00 ng

RT: 10.99 min Scan# 456

Delta R.T. 0.00 min

Lab File: BE092001.D

Acq: 22 Jul 2016 10:55

Tgt Ion: 136 Resp: 97711

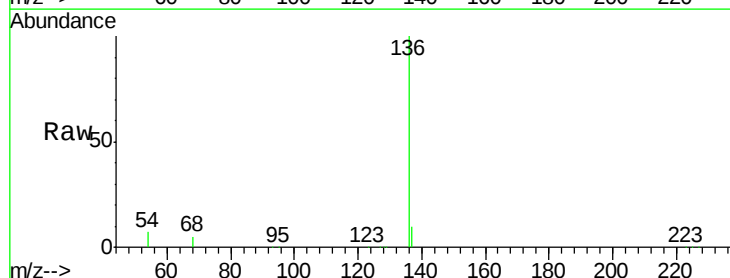
Ion Ratio Lower Upper

136 100

137 10.3 8.3 12.5

54 7.3 8.2 12.4#

68 5.4 5.9 8.9#

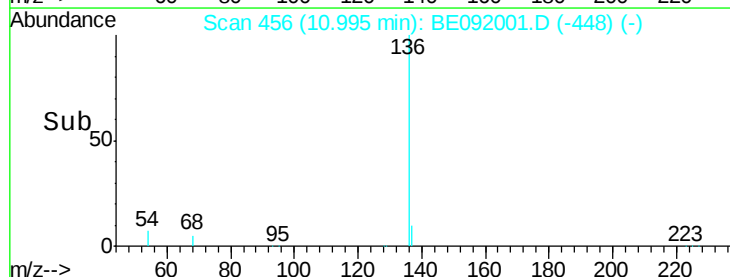
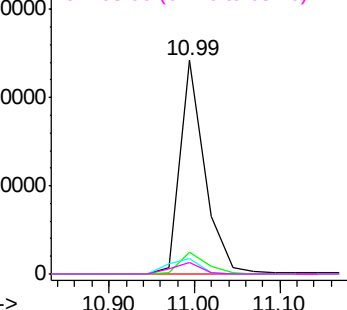


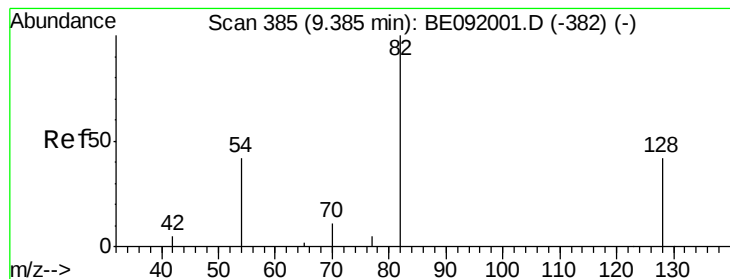
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.34 ng

RT: 9.38 min Scan# 385

Delta R.T. 0.00 min

Lab File: BE092001.D

Acq: 22 Jul 2016 10:55

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

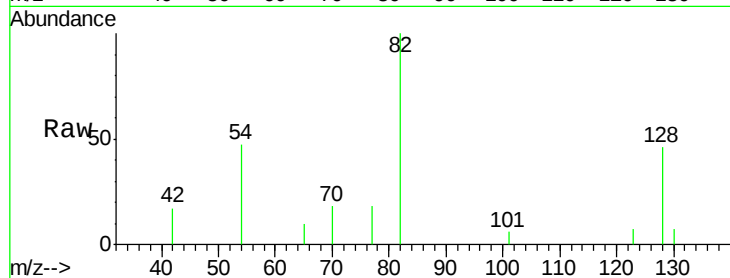
Tgt Ion: 82 Resp: 2259

Ion Ratio Lower Upper

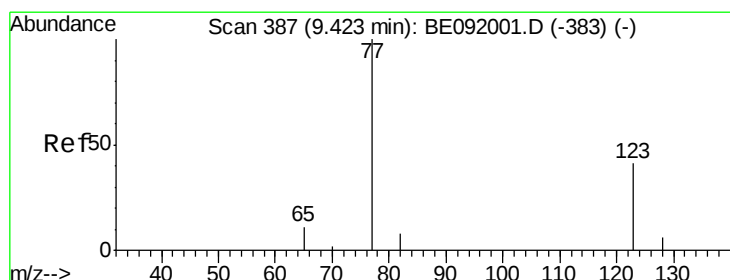
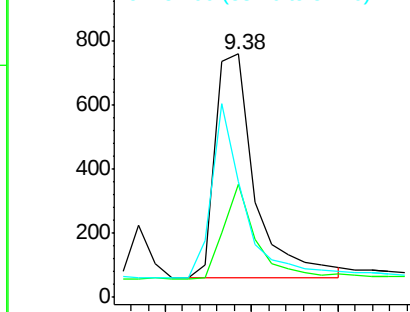
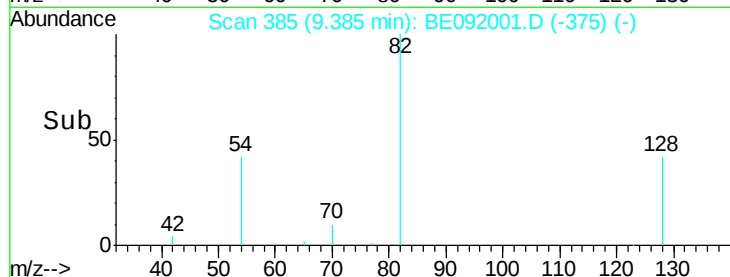
82 100

128 46.4 39.5 59.3

54 47.2 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: 0.33 ng

RT: 9.42 min Scan# 387

Delta R.T. 0.00 min

Lab File: BE092001.D

Acq: 22 Jul 2016 10:55

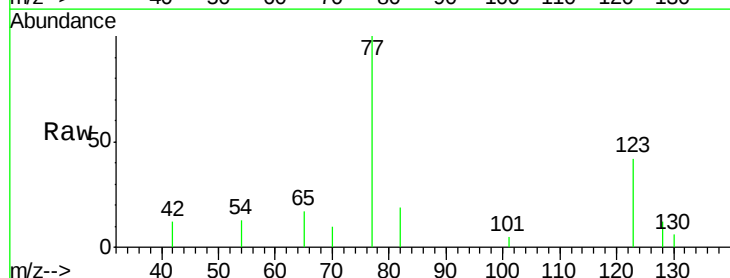
Tgt Ion: 77 Resp: 2419

Ion Ratio Lower Upper

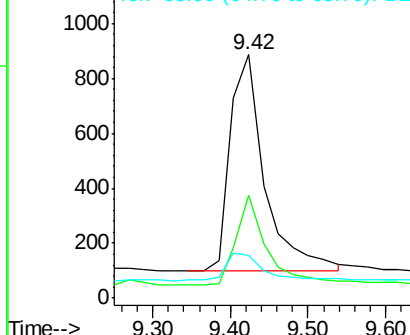
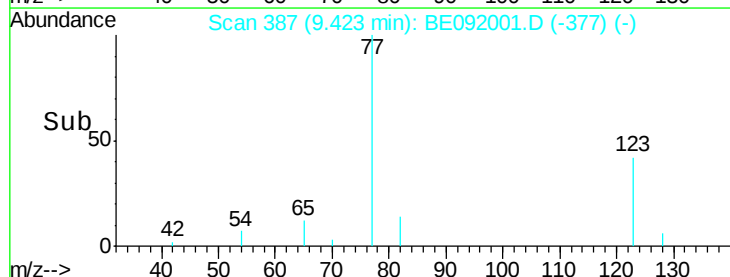
77 100

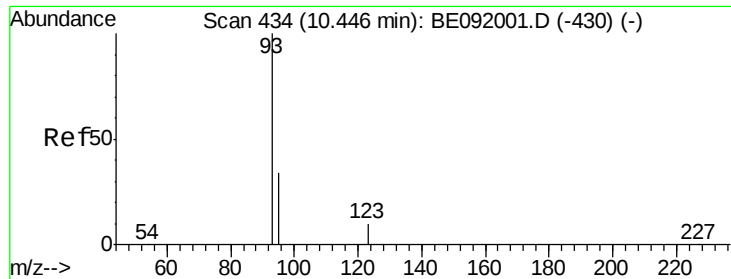
123 36.8 0.0 0.0#

65 14.3 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

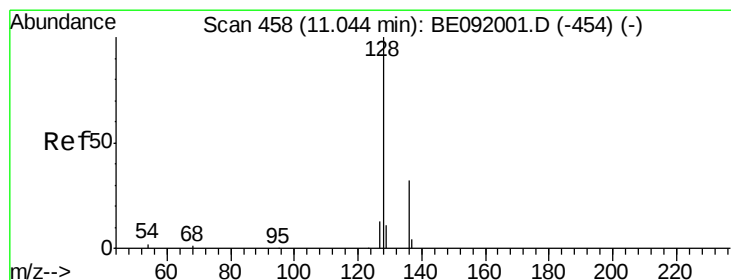
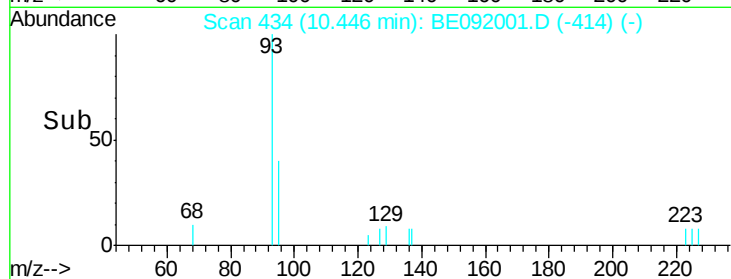
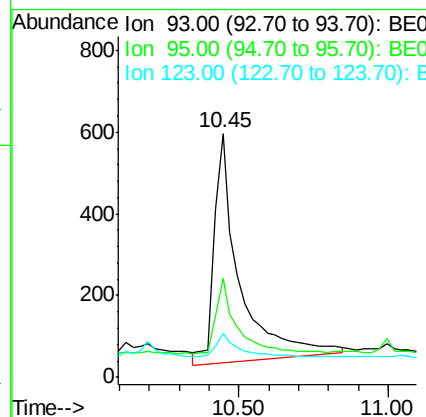
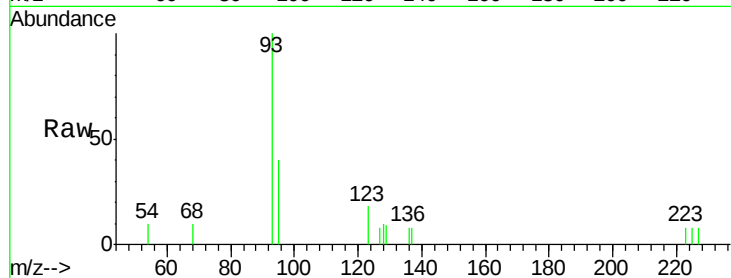




#11
 bis(2-Chloroethoxy)methane
 Concen: 0.41 ng
 RT: 10.45 min Scan# 434
 Delta R.T. 0.00 min
 Lab File: BE092001.D
 Acq: 22 Jul 2016 10:55

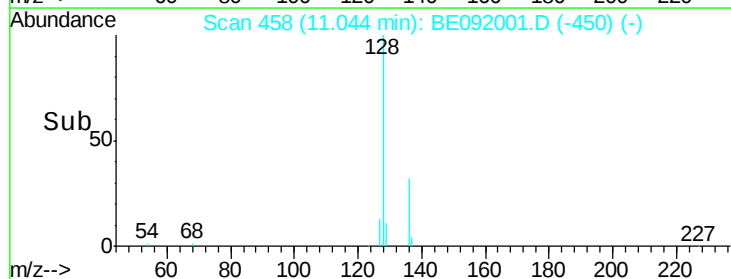
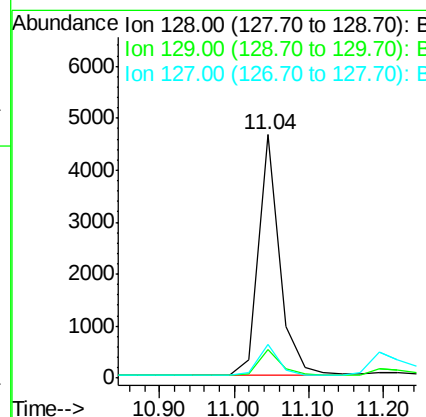
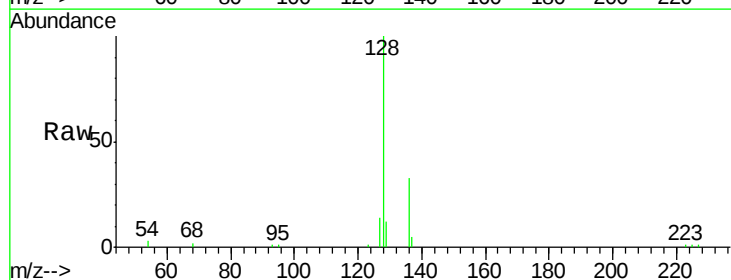
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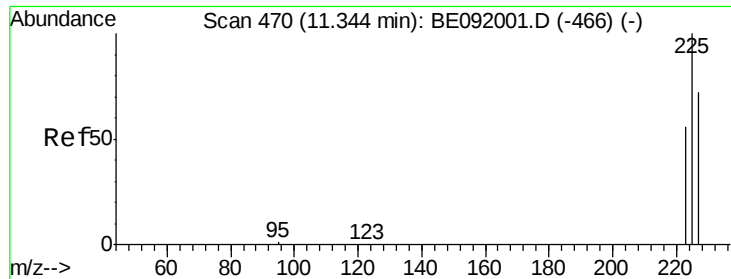
Tgt Ion: 93 Resp: 3350
 Ion Ratio Lower Upper
 93 100
 95 40.3 57.6 86.4#
 123 9.3 100.2 150.4#



#12
 Naphthalene
 Concen: 0.40 ng
 RT: 11.04 min Scan# 458
 Delta R.T. 0.00 min
 Lab File: BE092001.D
 Acq: 22 Jul 2016 10:55

Tgt Ion: 128 Resp: 9160
 Ion Ratio Lower Upper
 128 100
 129 11.7 10.4 15.6
 127 14.0 10.2 15.2

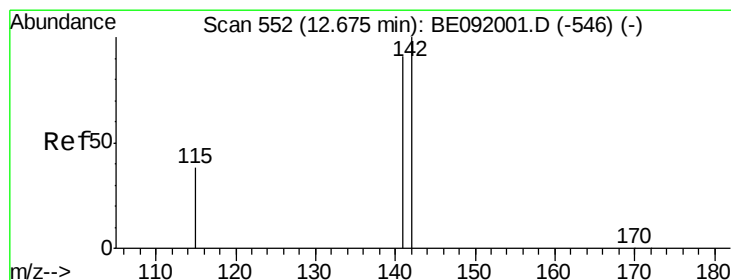
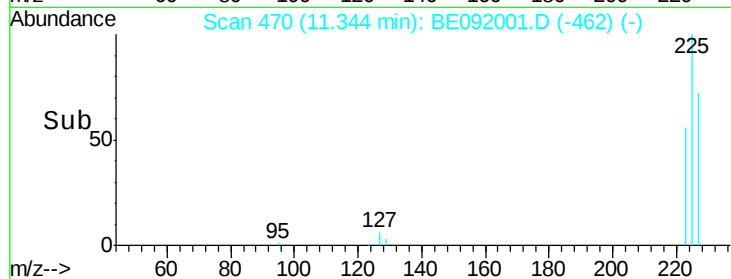
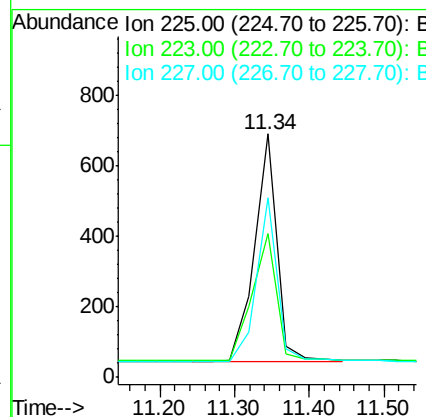
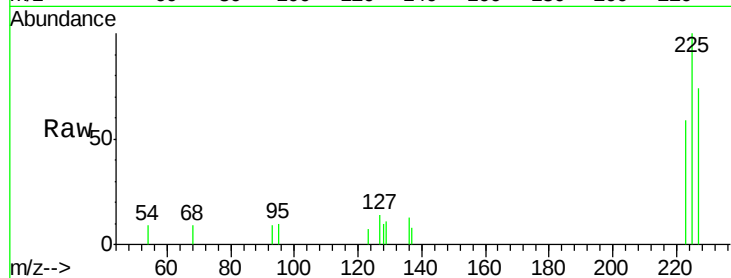




#13
Hexachlorobutadiene
Concen: 0.38 ng
RT: 11.34 min Scan# 470
Delta R.T. 0.00 min
Lab File: BE092001.D
Acq: 22 Jul 2016 10:55

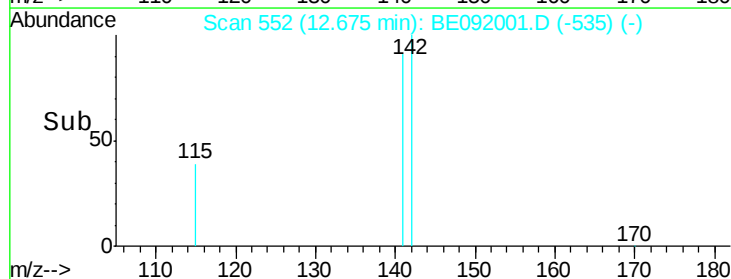
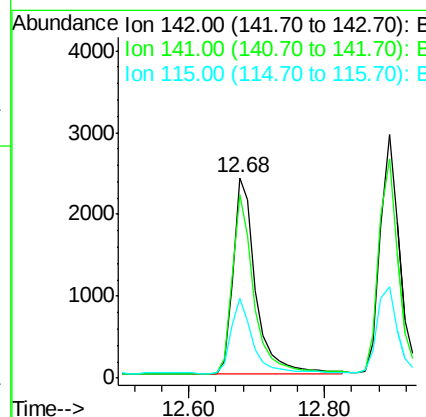
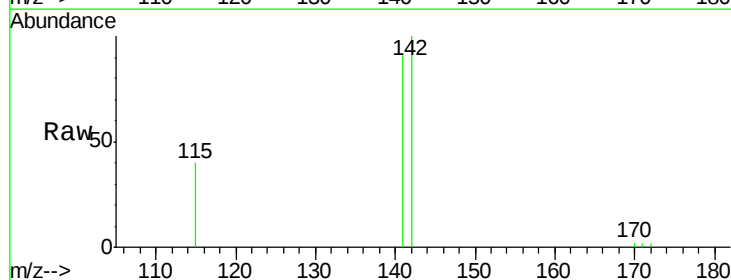
Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

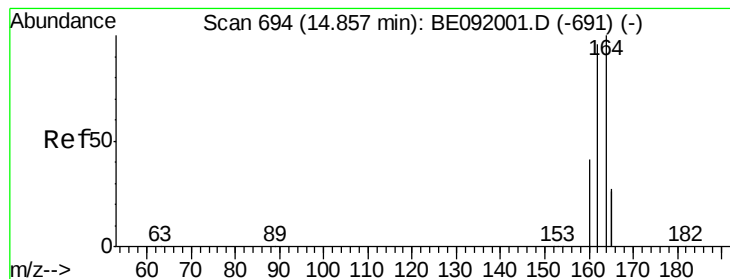
Tgt Ion: 225 Resp: 1326
Ion Ratio Lower Upper
225 100
223 60.7 49.8 74.8
227 66.8 50.6 75.8



#14
2-Methylnaphthalene
Concen: 0.38 ng
RT: 12.68 min Scan# 552
Delta R.T. 0.00 min
Lab File: BE092001.D
Acq: 22 Jul 2016 10:55

Tgt Ion: 142 Resp: 5584
Ion Ratio Lower Upper
142 100
141 91.3 71.9 107.9
115 40.0 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: BE092001.D

Acq: 22 Jul 2016 10:55

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

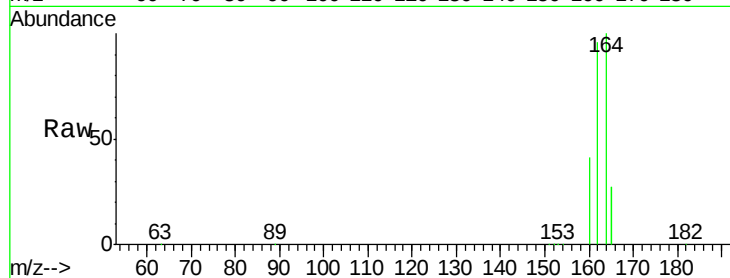
Tgt Ion:164 Resp: 68340

Ion Ratio Lower Upper

164 100

162 96.3 71.8 107.8

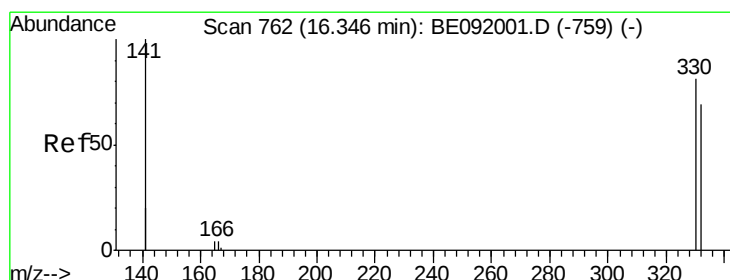
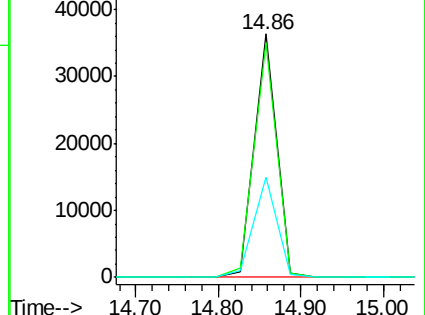
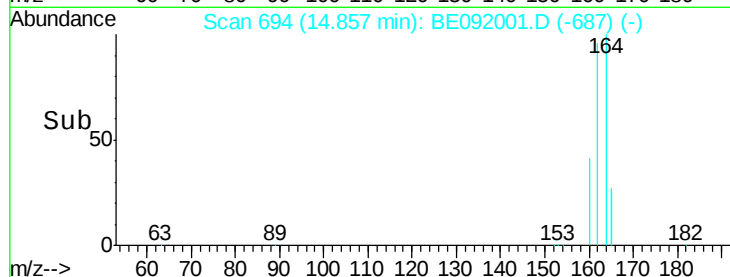
160 41.2 28.0 42.0



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: 0.26 ng

RT: 16.35 min Scan# 762

Delta R.T. 0.00 min

Lab File: BE092001.D

Acq: 22 Jul 2016 10:55

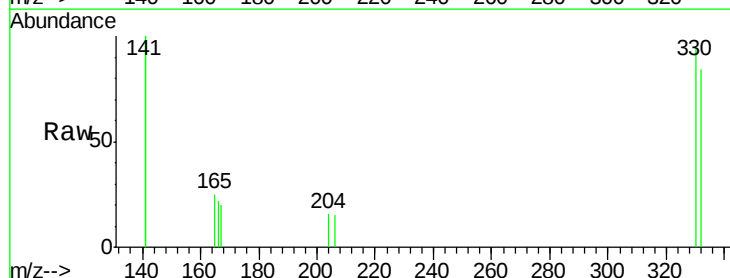
Tgt Ion:330 Resp: 510

Ion Ratio Lower Upper

330 100

332 94.9 77.0 115.6

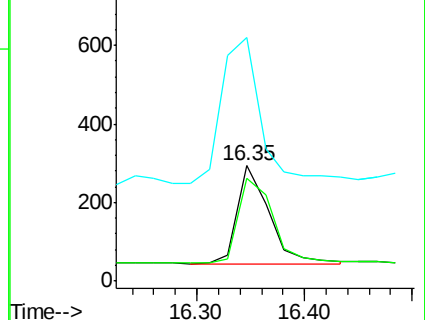
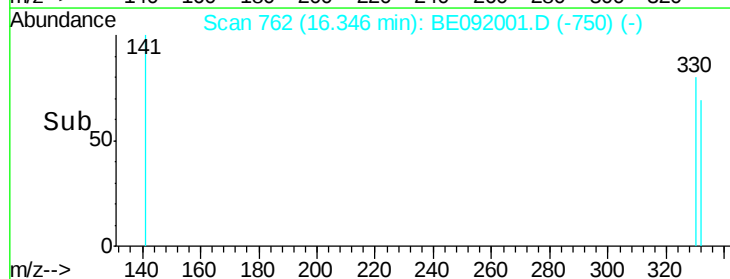
141 185.3 138.4 207.6

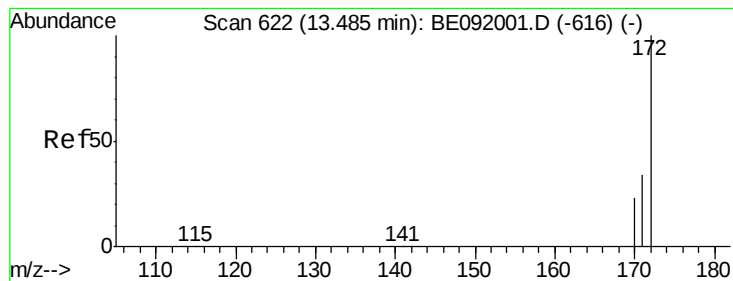


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

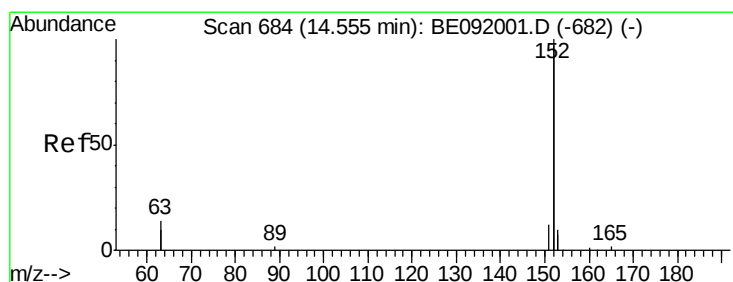
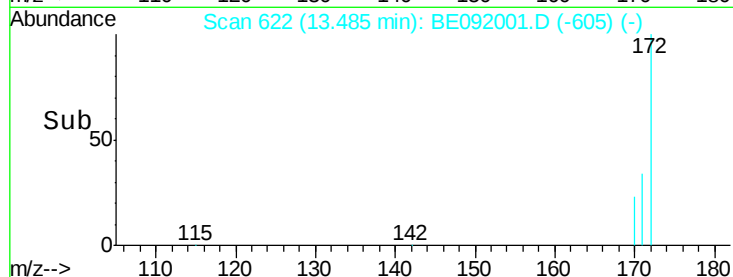
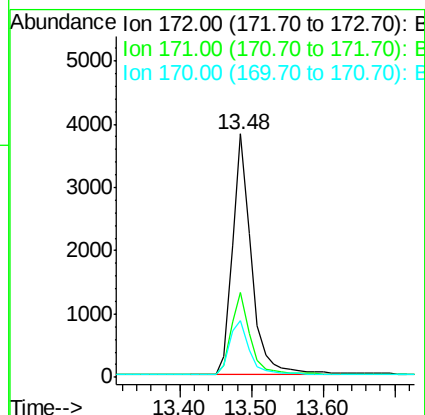
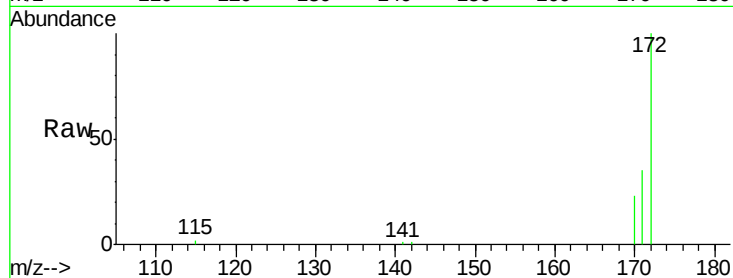




#17
2-Fluorobiphenyl
Concen: 0.42 ng
RT: 13.48 min Scan# 622
Delta R.T. 0.00 min
Lab File: BE092001.D
Acq: 22 Jul 2016 10:55

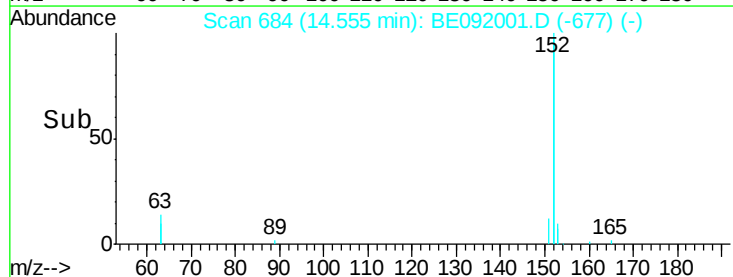
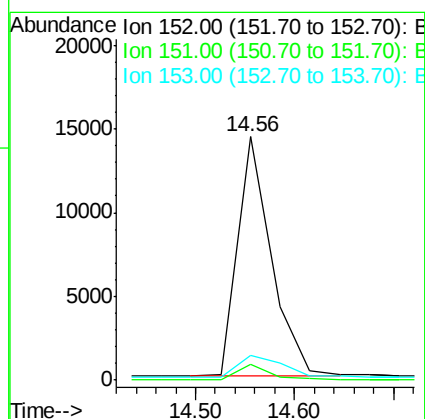
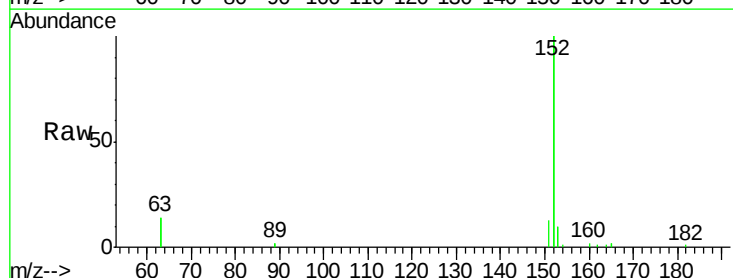
Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

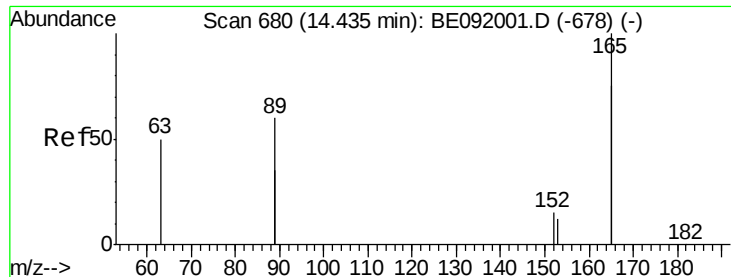
Tgt Ion:172 Resp: 6946
Ion Ratio Lower Upper
172 100
171 34.6 24.3 36.5
170 23.5 14.9 22.3#



#18
Acenaphthylene
Concen: 0.40 ng
RT: 14.56 min Scan# 684
Delta R.T. 0.00 min
Lab File: BE092001.D
Acq: 22 Jul 2016 10:55

Tgt Ion:152 Resp: 34599
Ion Ratio Lower Upper
152 100
151 5.5 19.4 29.2#
153 11.4 14.4 21.6#

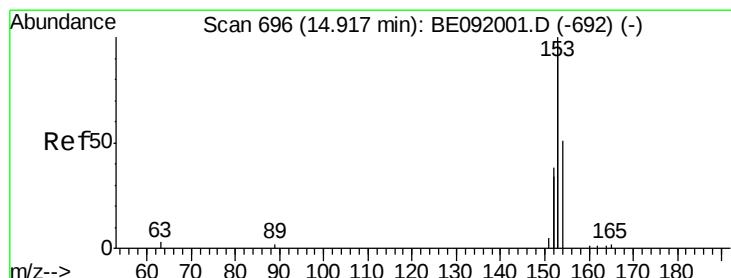
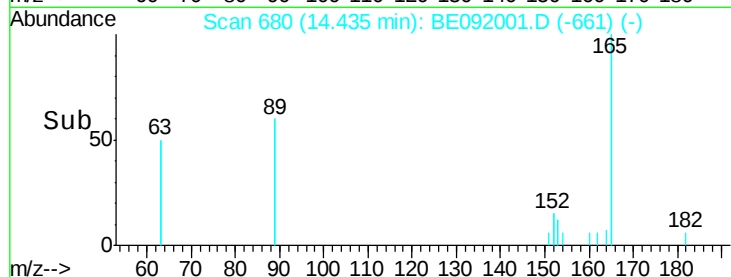
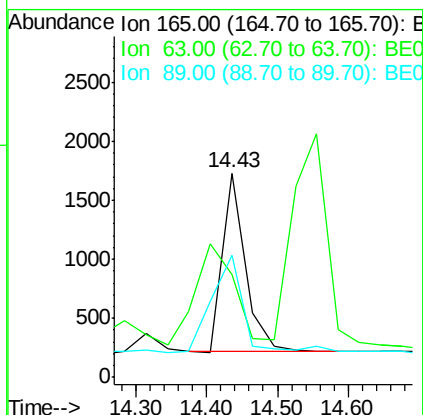
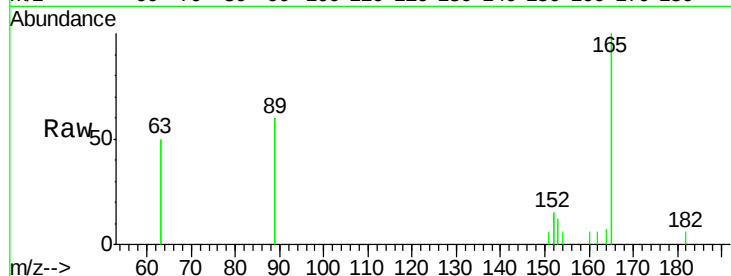




#19
2,6-Dinitrotoluene
Concen: 0.23 ng
RT: 14.43 min Scan# 680
Delta R.T. 0.00 min
Lab File: BE092001.D
Acq: 22 Jul 2016 10:55

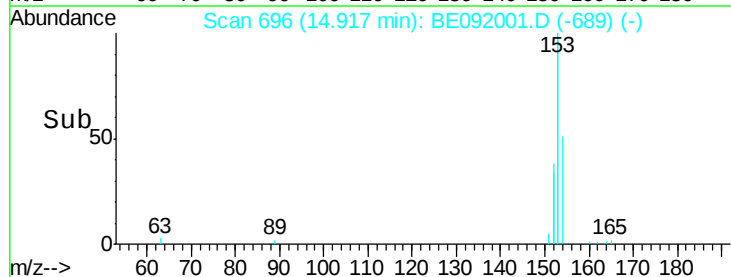
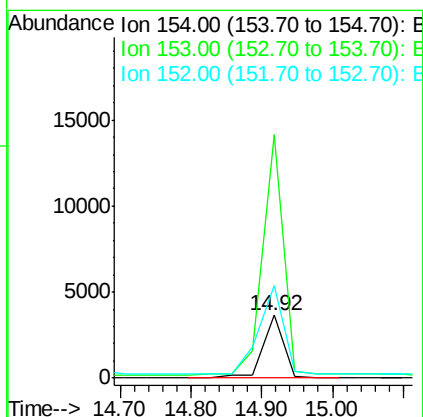
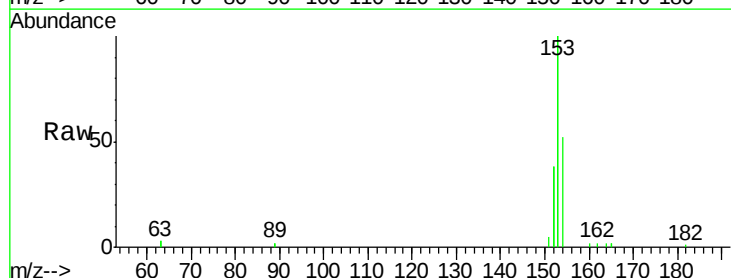
Instrument :
BNA_E
ClientSampled :
SSTDICCC0.4

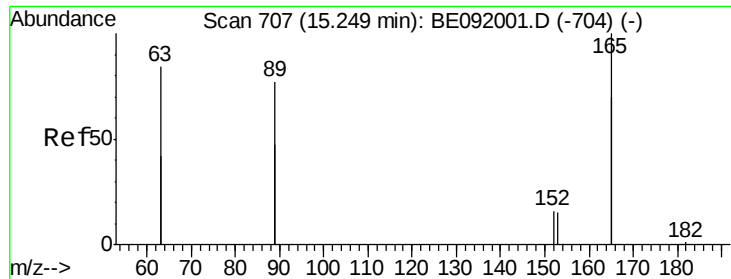
Tgt Ion:165 Resp: 3434
Ion Ratio Lower Upper
165 100
63 0.0 65.9 98.9#
89 70.7 59.1 88.7



#20
Acenaphthene
Concen: 0.38 ng
RT: 14.92 min Scan# 696
Delta R.T. 0.00 min
Lab File: BE092001.D
Acq: 22 Jul 2016 10:55

Tgt Ion:154 Resp: 7150
Ion Ratio Lower Upper
154 100
153 396.7 88.1 132.1#
152 172.9 44.2 66.2#

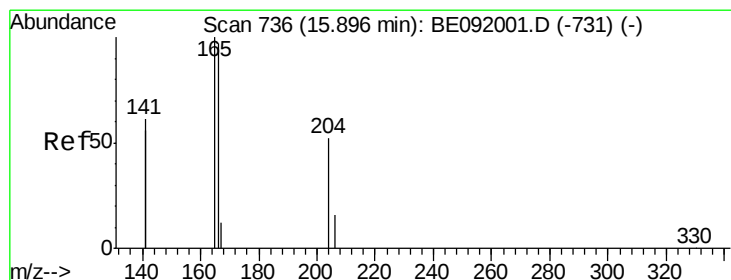
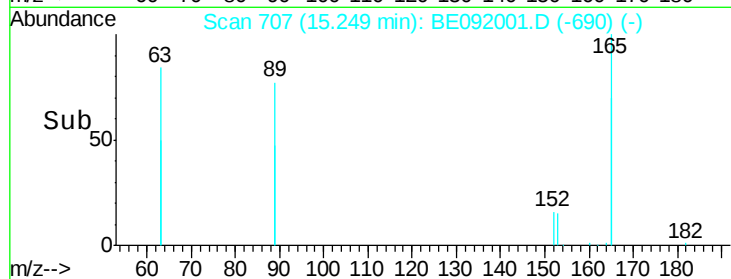
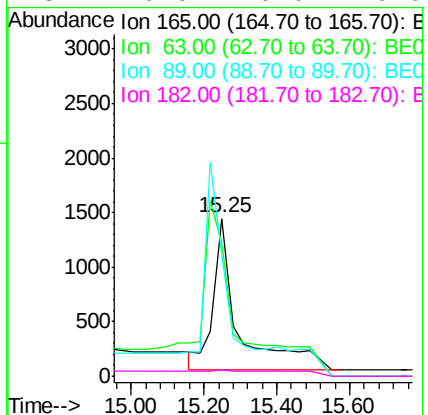
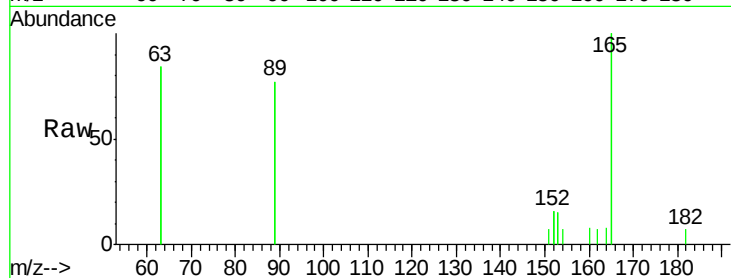




#21
2,4-Dinitrotoluene
Concen: 0.45 ng
RT: 15.25 min Scan# 707
Delta R.T. 0.00 min
Lab File: BE092001.D
Acq: 22 Jul 2016 10:55

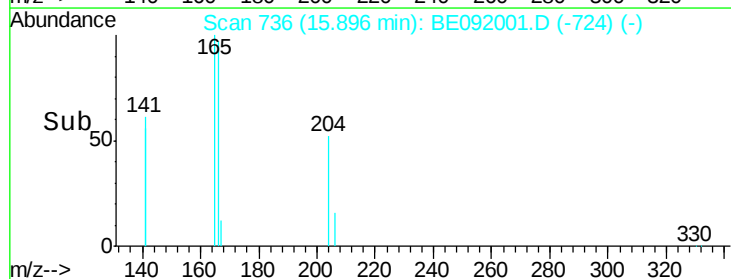
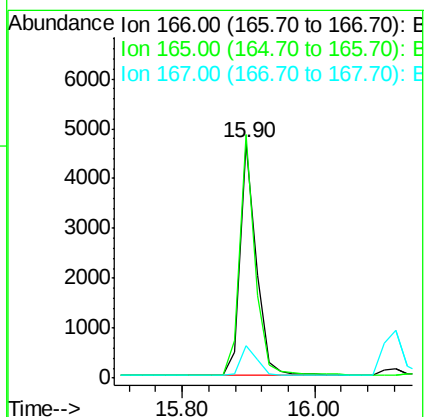
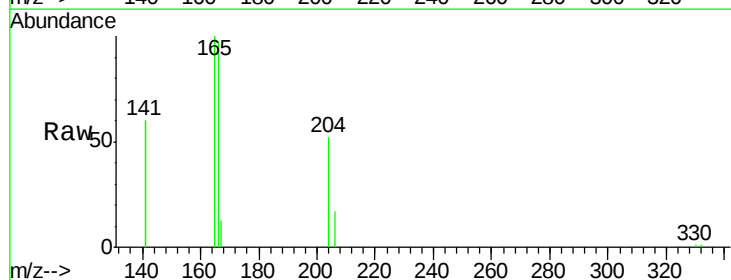
Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

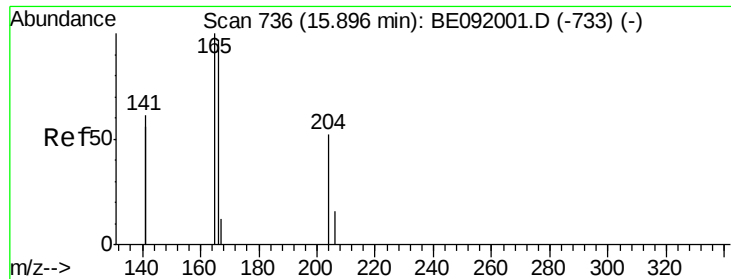
Tgt Ion:165 Resp: 6884
Ion Ratio Lower Upper
165 100
63 0.0 0.0 0.0
89 0.0 99.8 149.8#
182 0.0 0.0 0.0



#22
Fluorene
Concen: 0.40 ng
RT: 15.90 min Scan# 736
Delta R.T. 0.00 min
Lab File: BE092001.D
Acq: 22 Jul 2016 10:55

Tgt Ion:166 Resp: 7911
Ion Ratio Lower Upper
166 100
165 99.0 78.6 117.8
167 13.5 10.8 16.2

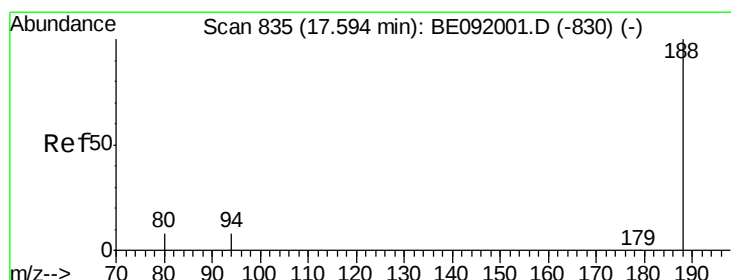
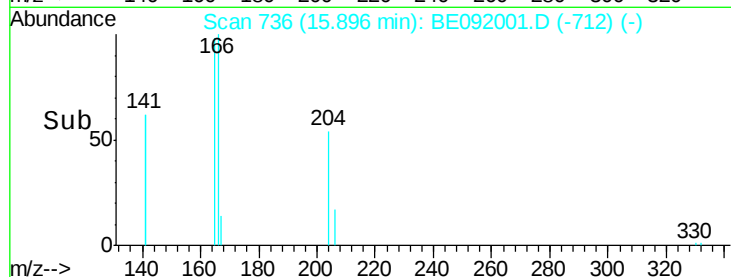
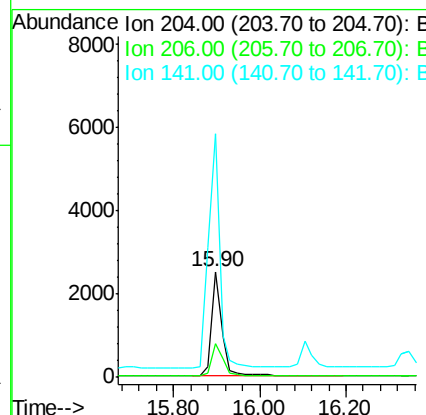
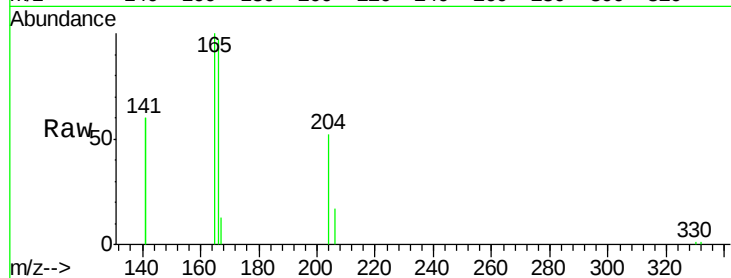




#23
 4-Chlorophenyl-phenylether
 Concen: 0.41 ng
 RT: 15.90 min Scan# 736
 Delta R.T. 0.00 min
 Lab File: BE092001.D
 Acq: 22 Jul 2016 10:55

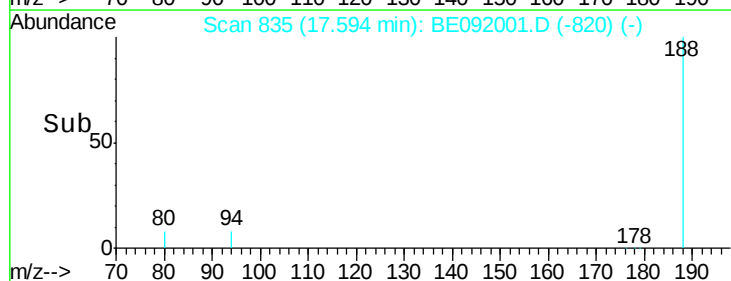
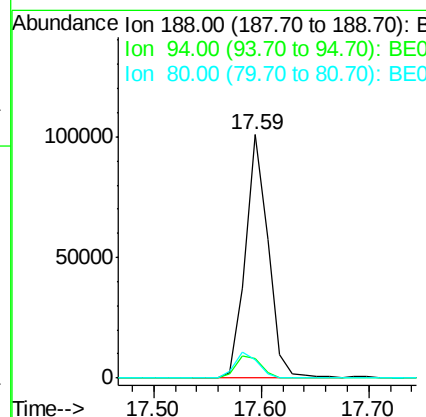
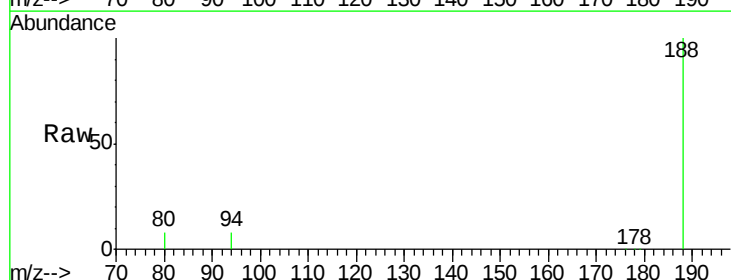
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.4

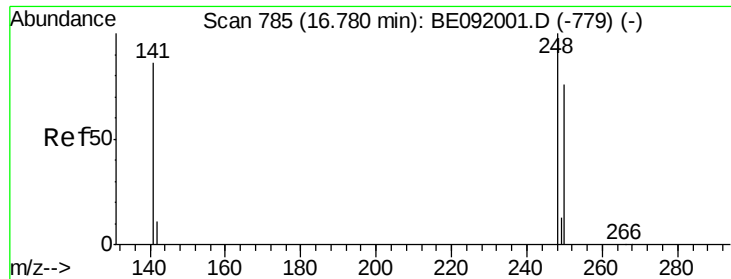
Tgt Ion: 204 Resp: 4074
 Ion Ratio Lower Upper
 204 100
 206 33.6 27.8 41.6
 141 249.1 197.6 296.4



#24
 Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.59 min Scan# 835
 Delta R.T. 0.00 min
 Lab File: BE092001.D
 Acq: 22 Jul 2016 10:55

Tgt Ion: 188 Resp: 147204
 Ion Ratio Lower Upper
 188 100
 94 8.2 4.1 6.1#
 80 7.7 3.4 5.2#

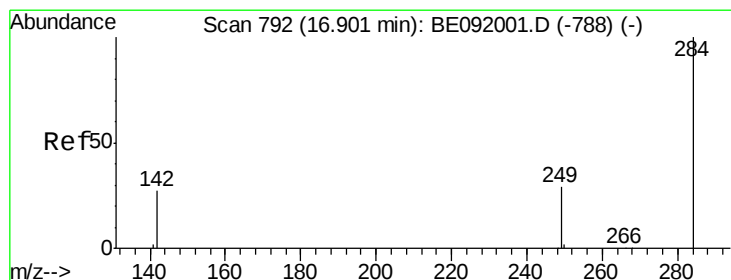
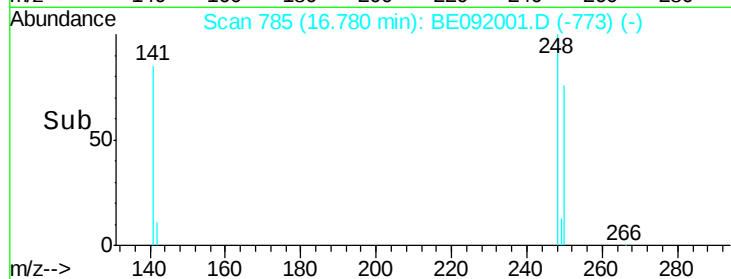
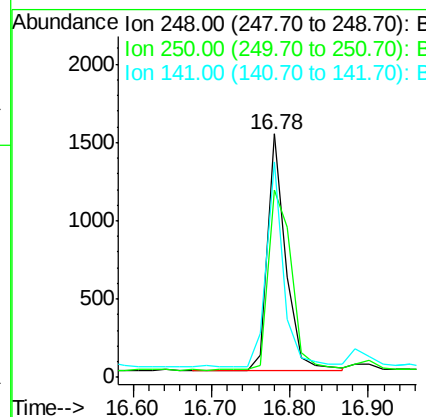
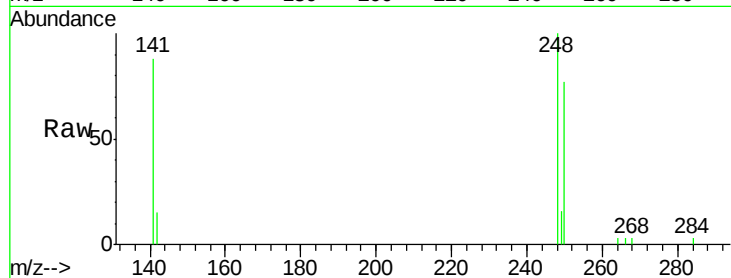




#25
4-Bromophenyl-phenylether
Concen: 0.38 ng
RT: 16.78 min Scan# 785
Delta R.T. 0.00 min
Lab File: BE092001.D
Acq: 22 Jul 2016 10:55

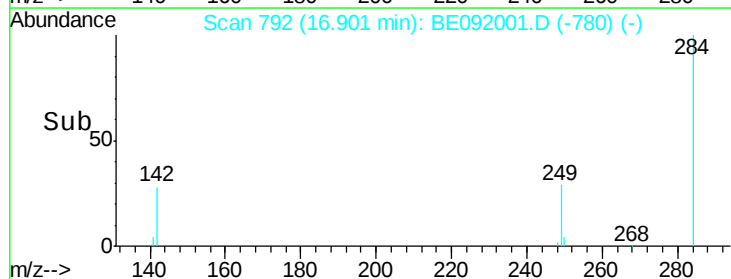
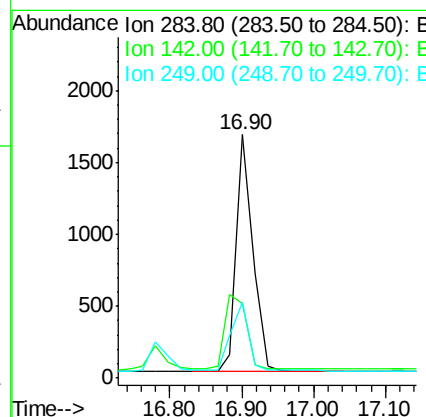
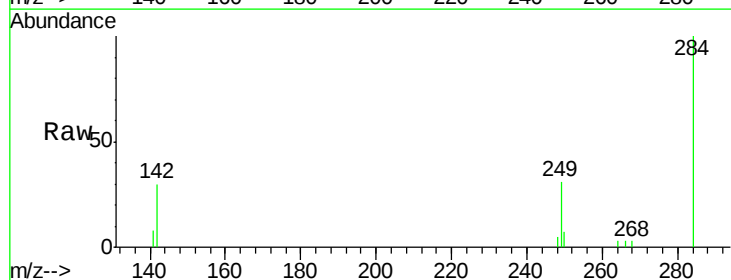
Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

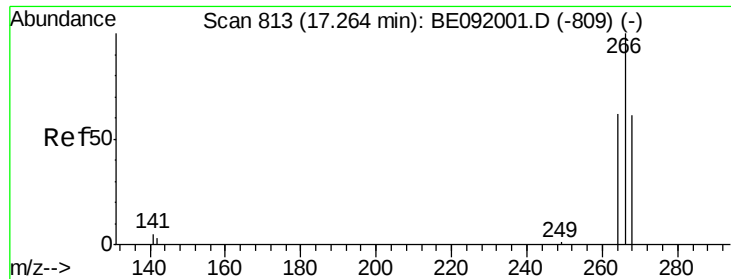
Tgt Ion:248 Resp: 2432
Ion Ratio Lower Upper
248 100
250 96.4 75.7 113.5
141 82.9 64.6 97.0



#26
Hexachlorobenzene
Concen: 0.41 ng
RT: 16.90 min Scan# 792
Delta R.T. 0.00 min
Lab File: BE092001.D
Acq: 22 Jul 2016 10:55

Tgt Ion:284 Resp: 2602
Ion Ratio Lower Upper
284 100
142 41.4 31.4 47.2
249 31.7 25.3 37.9

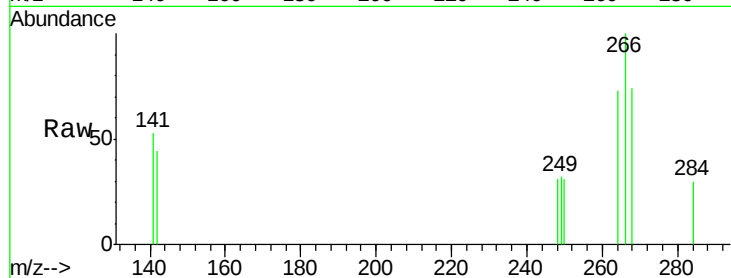




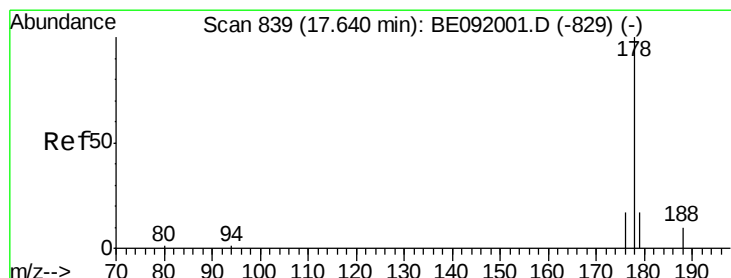
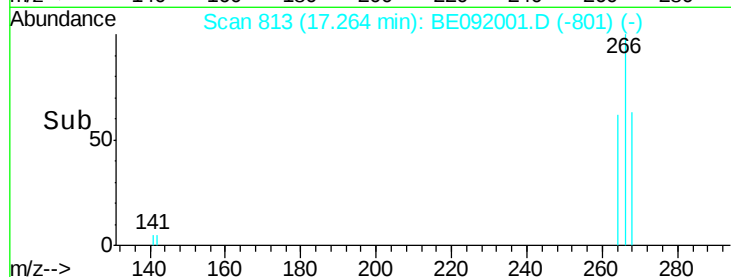
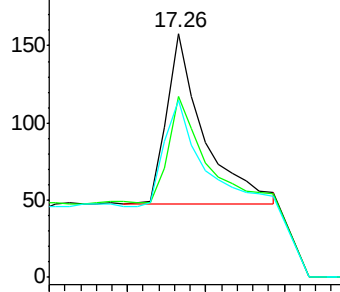
#27
 Pentachlorophenol
 Concen: 0.16 ng
 RT: 17.26 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BE092001.D
 Acq: 22 Jul 2016 10:55

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.4

Tgt Ion: 266 Resp: 365
 Ion Ratio Lower Upper
 266 100
 268 74.1 60.5 90.7
 264 72.8 51.0 76.4

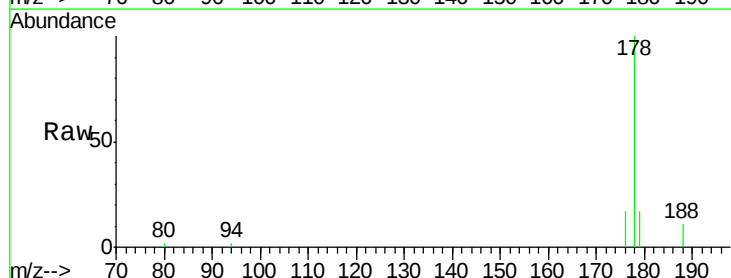


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

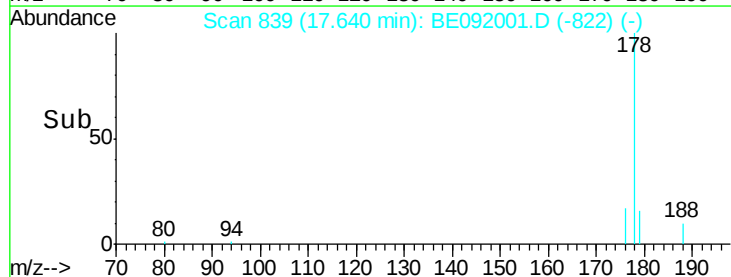
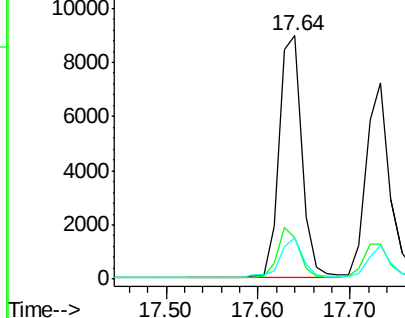


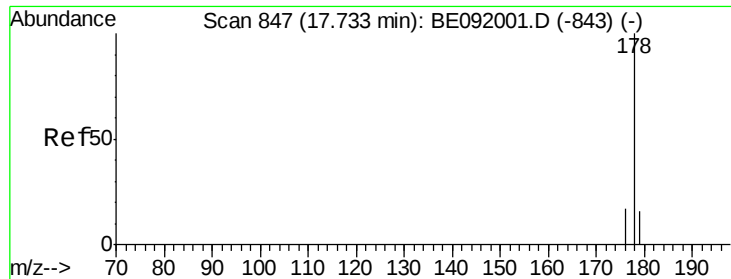
#28
 Phenanthrene
 Concen: 0.40 ng
 RT: 17.64 min Scan# 839
 Delta R.T. 0.00 min
 Lab File: BE092001.D
 Acq: 22 Jul 2016 10:55

Tgt Ion: 178 Resp: 15457
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 16.2 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: 0.37 ng

RT: 17.73 min Scan# 847

Delta R.T. 0.00 min

Lab File: BE092001.D

Acq: 22 Jul 2016 10:55

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

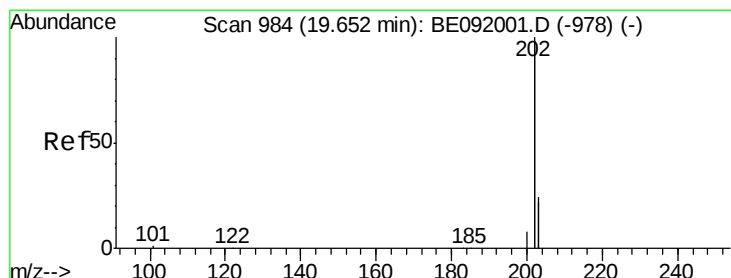
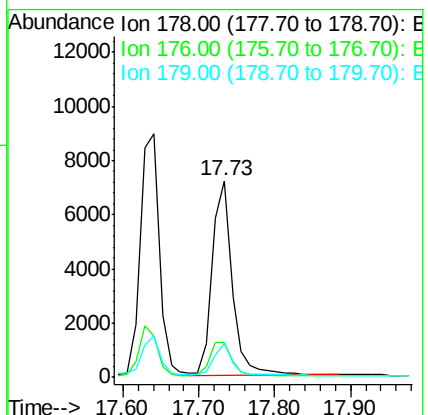
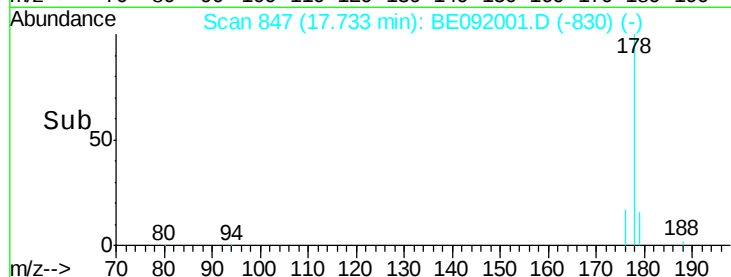
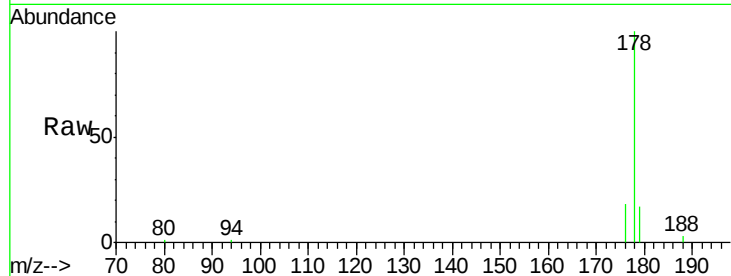
Tgt Ion:178 Resp: 13196

Ion Ratio Lower Upper

178 100

176 18.8 15.1 22.7

179 15.1 12.1 18.1



#30

Fluoranthene

Concen: 0.35 ng

RT: 19.65 min Scan# 984

Delta R.T. 0.00 min

Lab File: BE092001.D

Acq: 22 Jul 2016 10:55

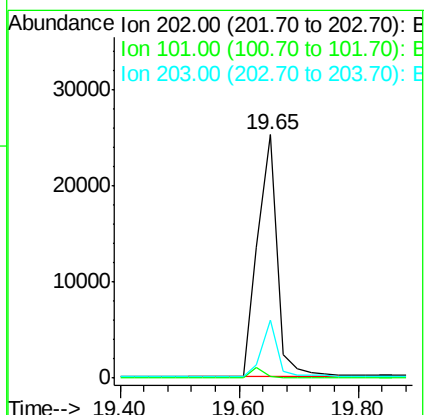
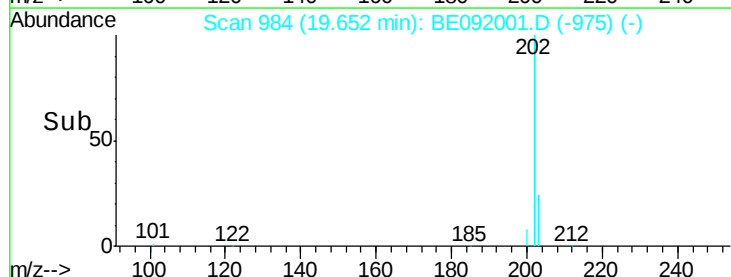
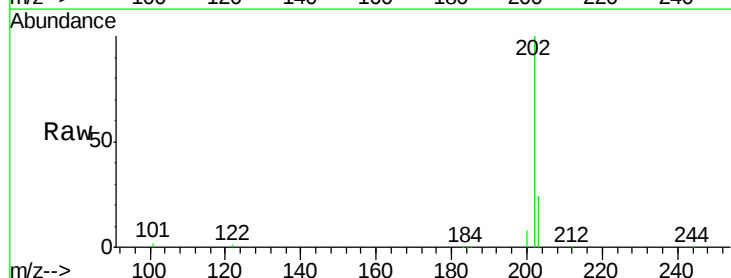
Tgt Ion:202 Resp: 57960

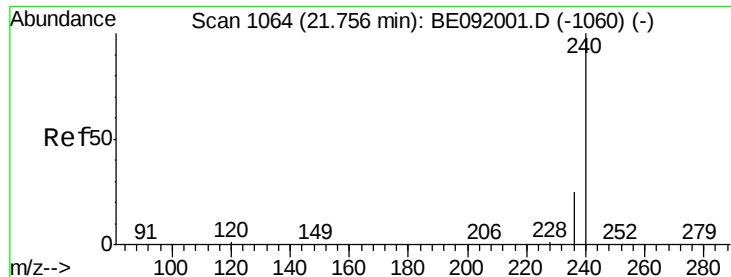
Ion Ratio Lower Upper

202 100

101 0.0 9.4 14.0#

203 18.5 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: BE092001.D

Acq: 22 Jul 2016 10:55

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

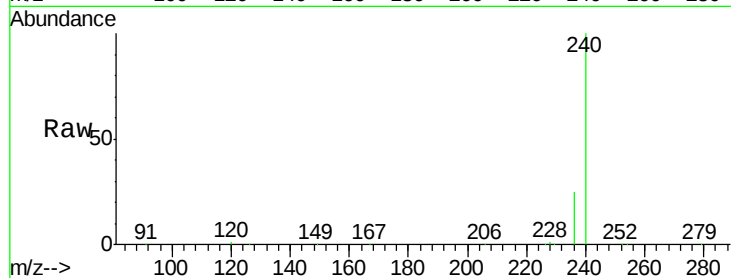
Tgt Ion:240 Resp: 236140

Ion Ratio Lower Upper

240 100

120 1.1 1.2 1.8#

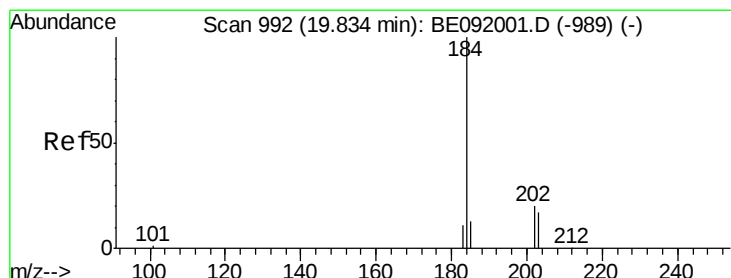
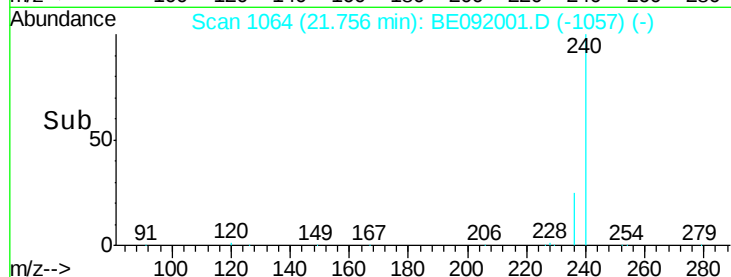
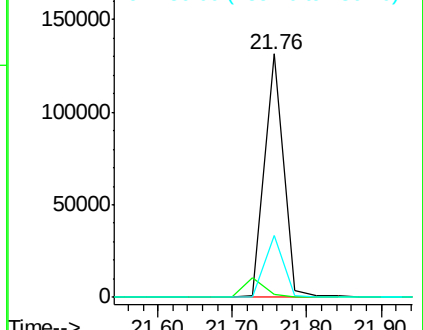
236 25.2 19.8 29.8



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: 0.15 ng

RT: 19.83 min Scan# 992

Delta R.T. 0.00 min

Lab File: BE092001.D

Acq: 22 Jul 2016 10:55

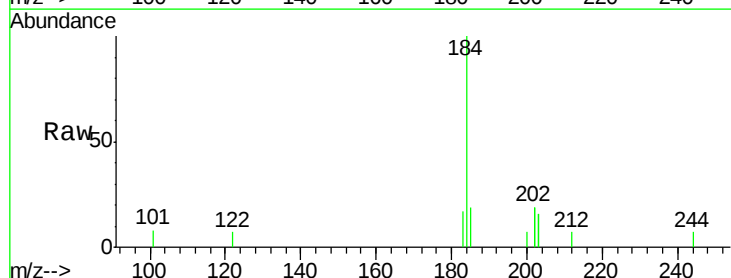
Tgt Ion:184 Resp: 2332

Ion Ratio Lower Upper

184 100

185 19.1 11.4 17.2#

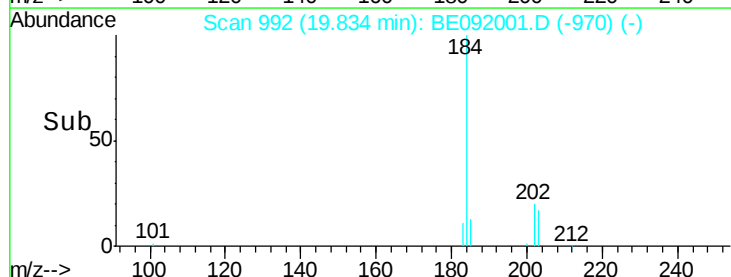
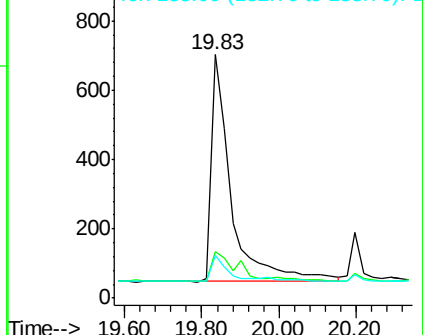
183 17.4 11.8 17.6

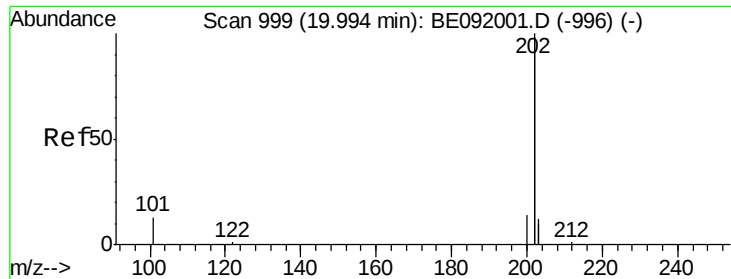


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

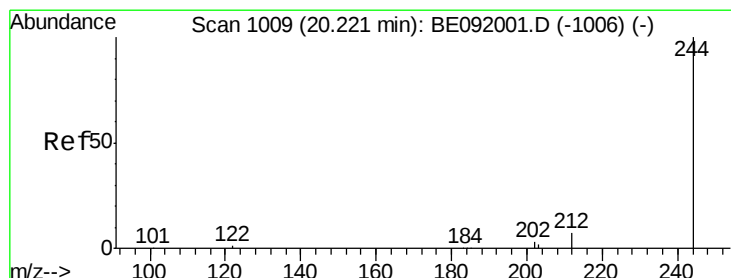
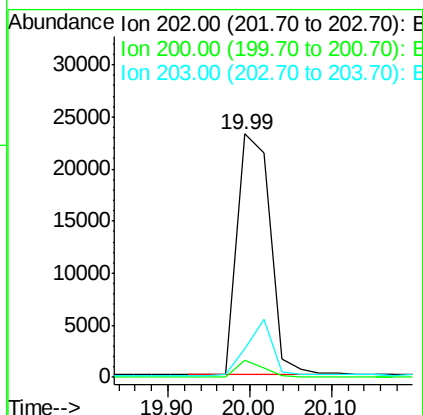
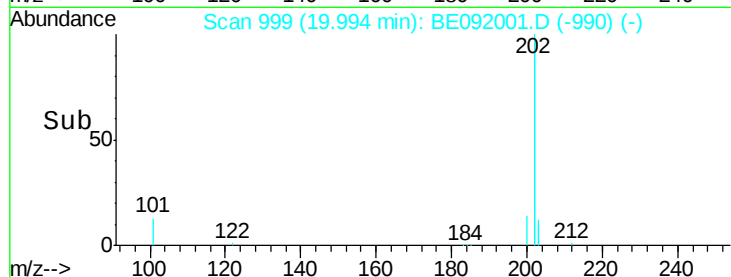
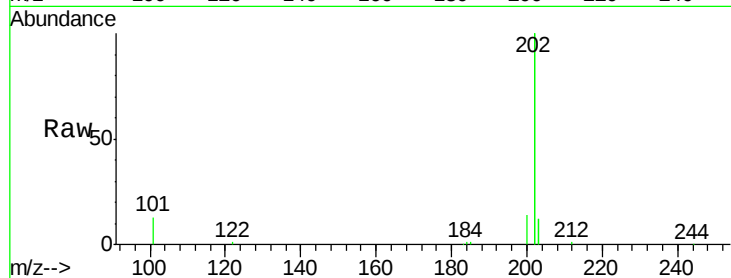




#33
 Pyrene
 Concen: 0.37 ng
 RT: 19.99 min Scan# 999
 Delta R.T. 0.00 min
 Lab File: BE092001.D
 Acq: 22 Jul 2016 10:55

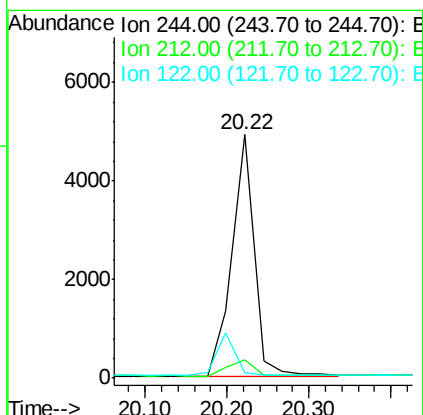
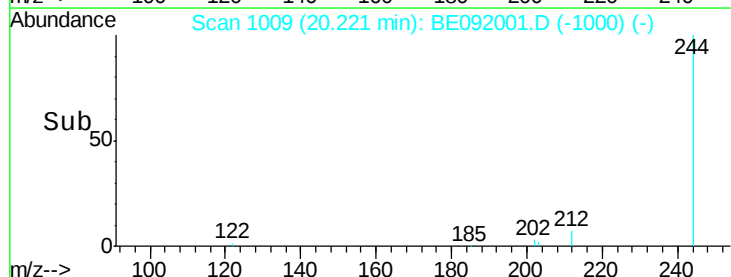
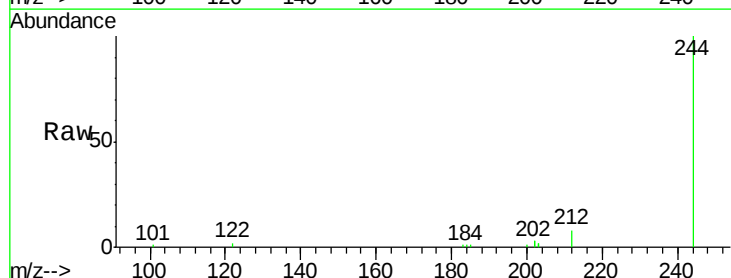
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.4

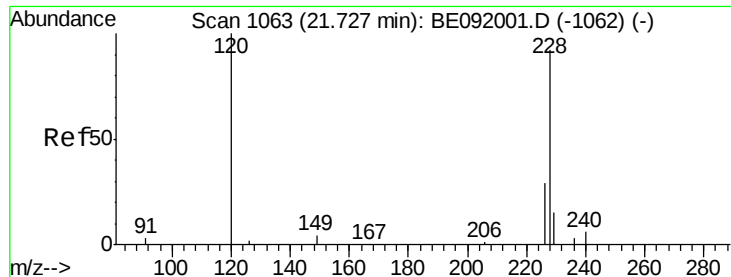
Tgt Ion:202 Resp: 64124
 Ion Ratio Lower Upper
 202 100
 200 5.4 16.9 25.3#
 203 0.0 14.1 21.1#



#34
 Terphenyl-d14
 Concen: 0.33 ng
 RT: 20.22 min Scan# 1009
 Delta R.T. 0.00 min
 Lab File: BE092001.D
 Acq: 22 Jul 2016 10:55

Tgt Ion:244 Resp: 9144
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.5 9.7
 122 2.3 2.9 4.3#





#35

Benzo(a)anthracene

Concen: 1.13 ng

RT: 21.78 min Scan# 1065

Delta R.T. 0.06 min

Lab File: BE092001.D

Acq: 22 Jul 2016 10:55

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

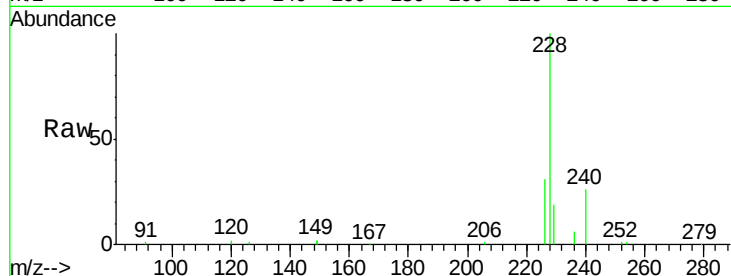
Tgt Ion:228 Resp: 44622

Ion Ratio Lower Upper

228 100

226 31.3 21.0 31.4

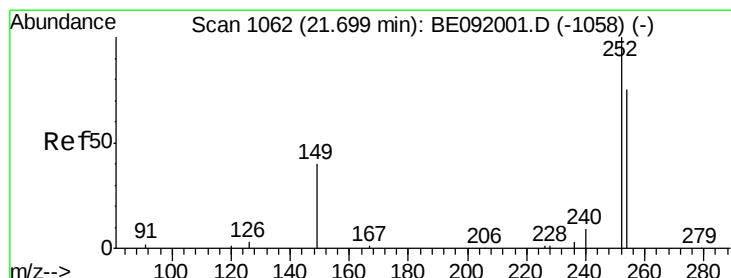
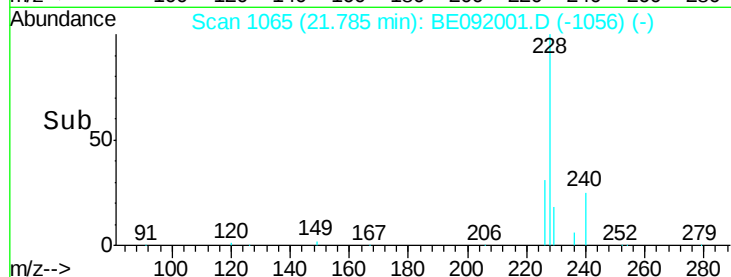
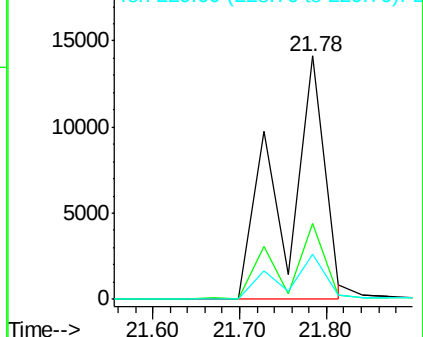
229 18.6 15.8 23.8



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: 0.20 ng

RT: 21.70 min Scan# 1062

Delta R.T. 0.00 min

Lab File: BE092001.D

Acq: 22 Jul 2016 10:55

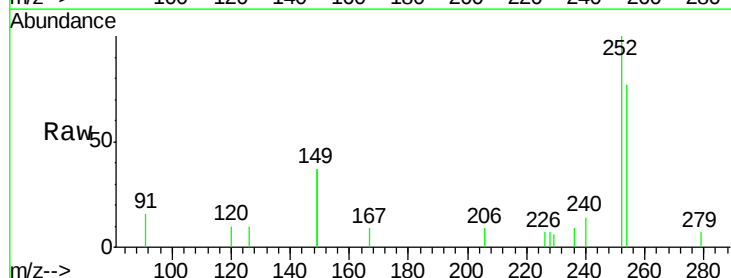
Tgt Ion:252 Resp: 2423

Ion Ratio Lower Upper

252 100

254 76.7 61.5 92.3

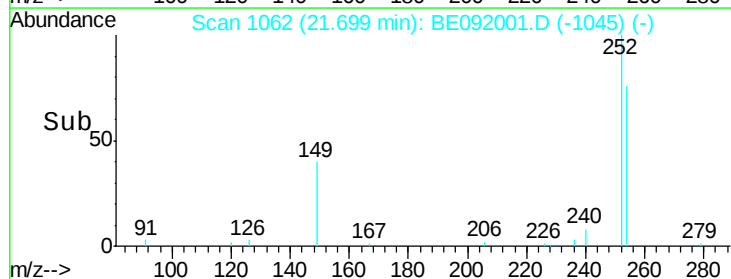
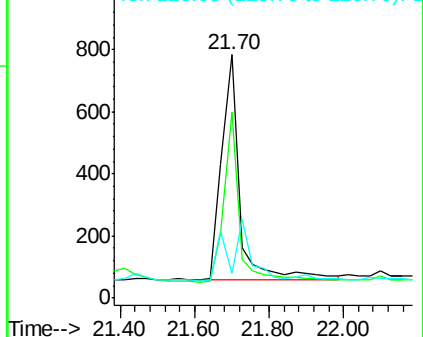
126 9.9 2.5 3.7#

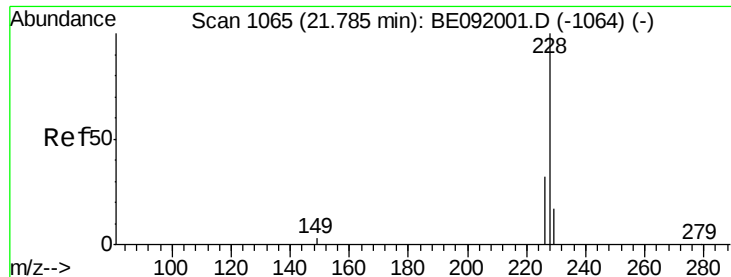


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#37

Chrysene

Concen: 0.81 ng

RT: 21.78 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BE092001.D

Acq: 22 Jul 2016 10:55

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

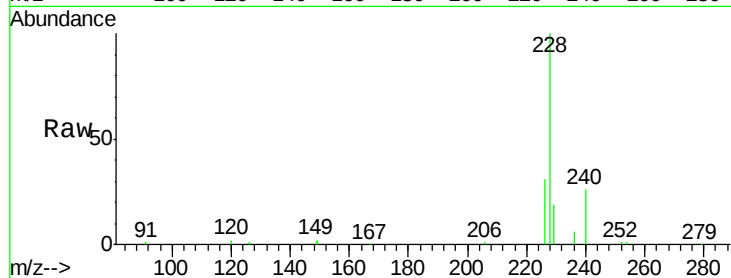
Tgt Ion:228 Resp: 45176

Ion Ratio Lower Upper

228 100

226 31.3 27.0 40.6

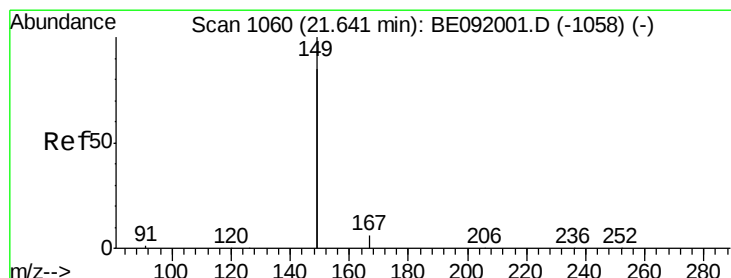
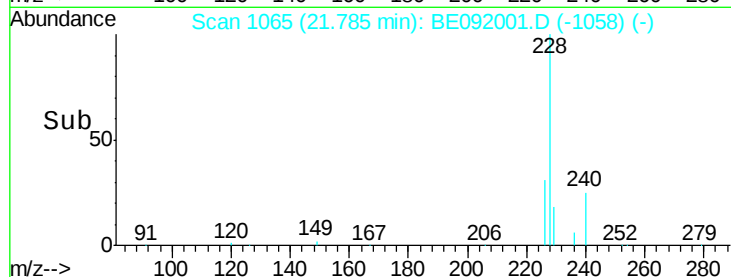
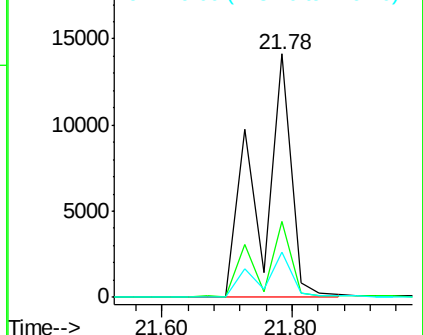
229 18.6 13.8 20.8



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: 0.28 ng

RT: 21.64 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BE092001.D

Acq: 22 Jul 2016 10:55

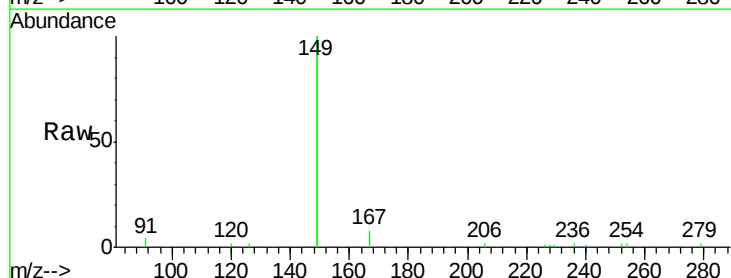
Tgt Ion:149 Resp: 12643

Ion Ratio Lower Upper

149 100

167 4.8 0.0 0.0#

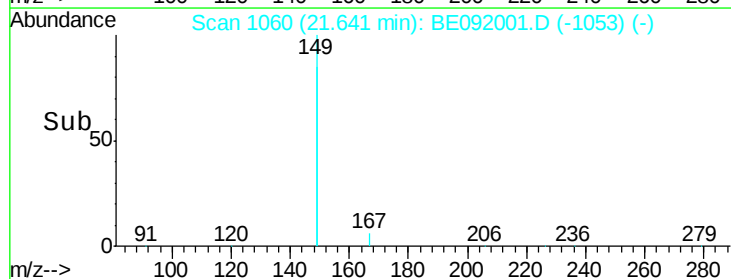
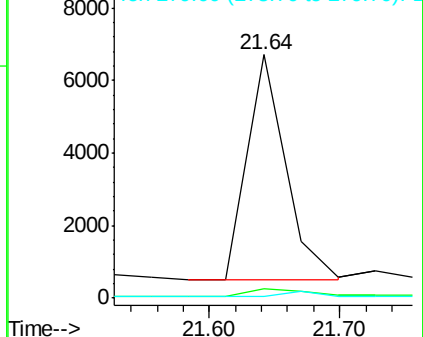
279 0.0 0.0 0.0

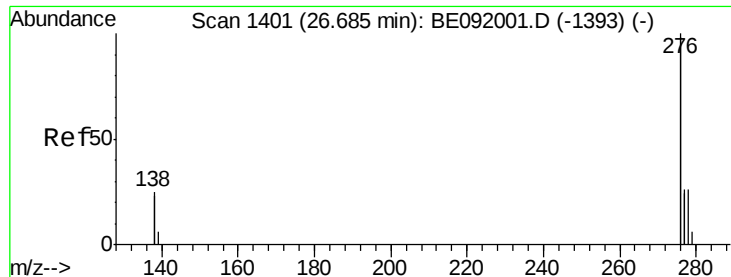


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.32 ng

RT: 26.68 min Scan# 1401

Delta R.T. 0.00 min

Lab File: BE092001.D

Acq: 22 Jul 2016 10:55

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

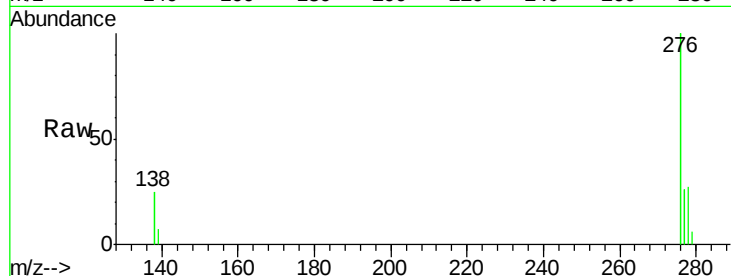
Tgt Ion:276 Resp: 70010

Ion Ratio Lower Upper

276 100

138 26.4 19.7 29.5

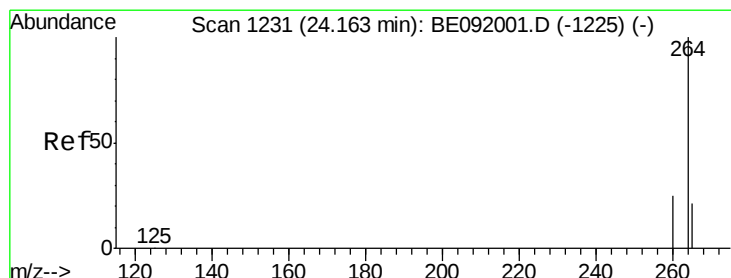
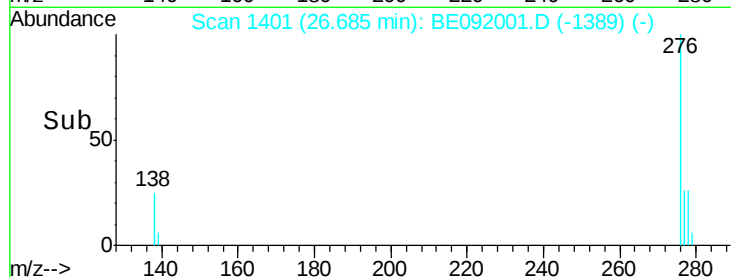
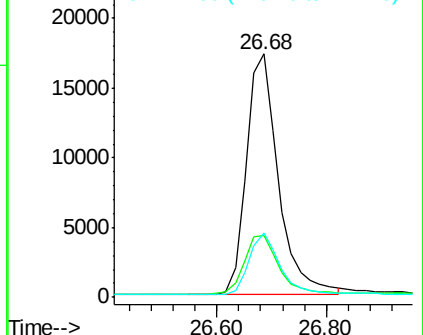
277 24.7 20.1 30.1



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# 1231

Delta R.T. 0.00 min

Lab File: BE092001.D

Acq: 22 Jul 2016 10:55

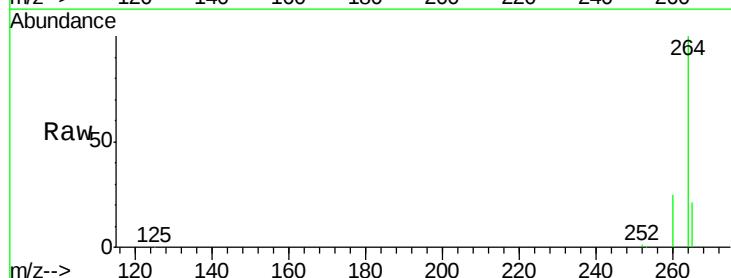
Tgt Ion:264 Resp: 163770

Ion Ratio Lower Upper

264 100

260 25.4 20.3 30.5

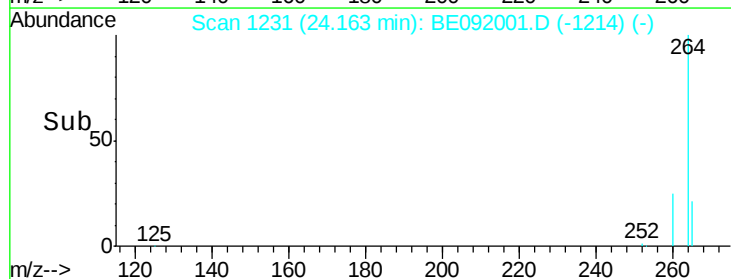
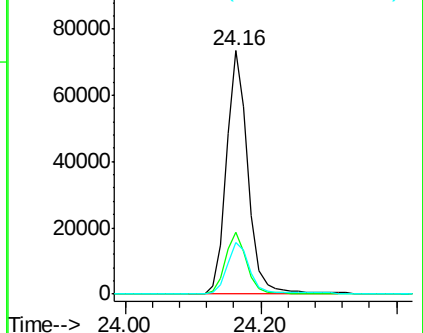
265 21.4 17.6 26.4

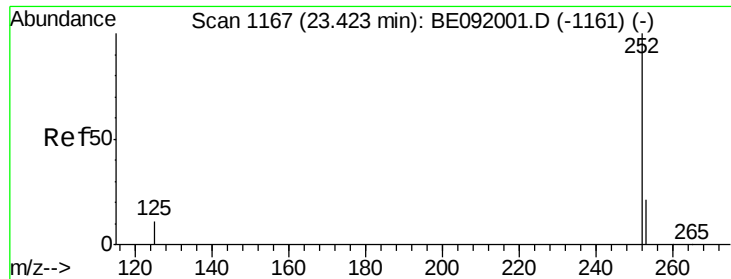


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#41

Benzo(b)fluoranthene

Concen: 0.36 ng

RT: 23.42 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BE092001.D

Acq: 22 Jul 2016 10:55

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

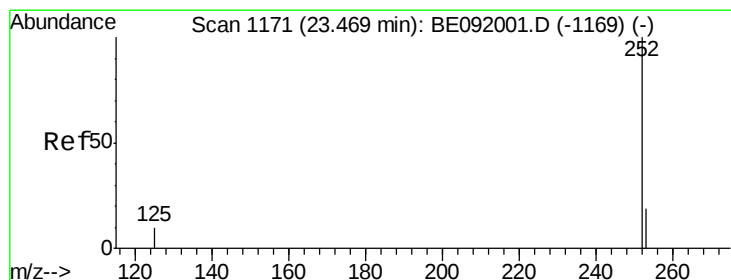
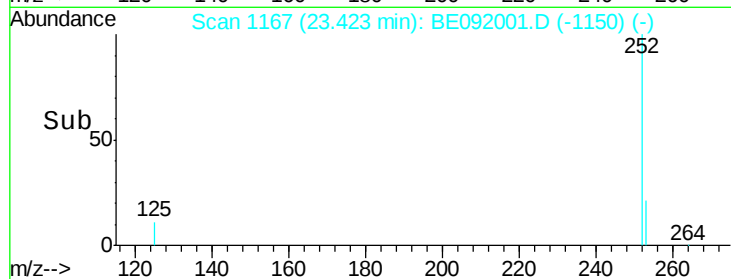
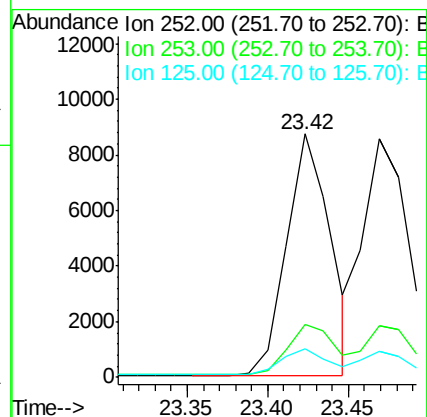
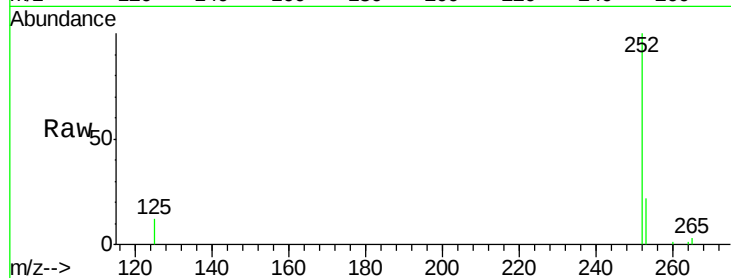
Tgt Ion:252 Resp: 16395

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

125 11.7 9.4 14.2



#42

Benzo(k)fluoranthene

Concen: 0.40 ng

RT: 23.47 min Scan# 1171

Delta R.T. 0.00 min

Lab File: BE092001.D

Acq: 22 Jul 2016 10:55

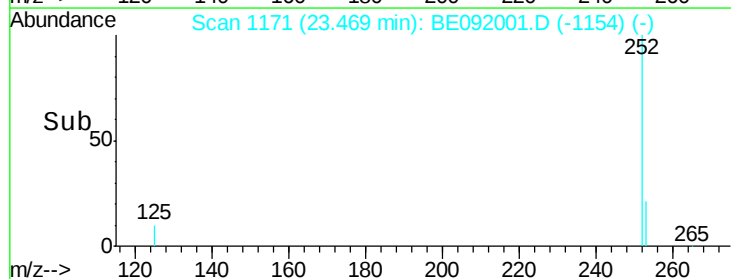
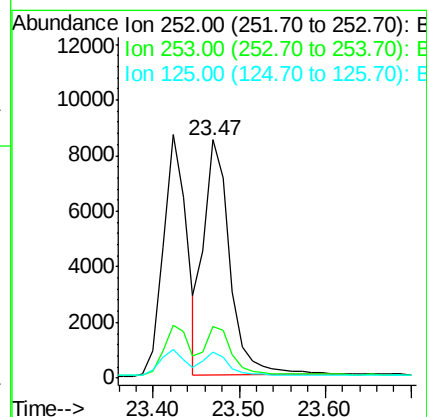
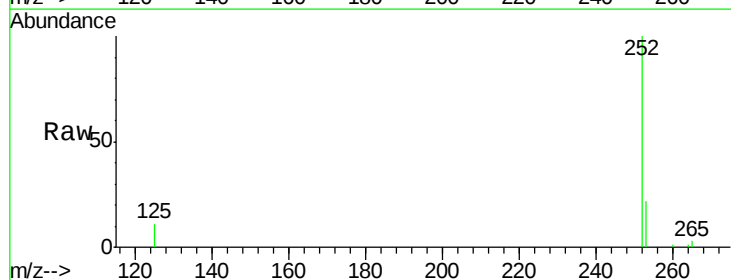
Tgt Ion:252 Resp: 17583

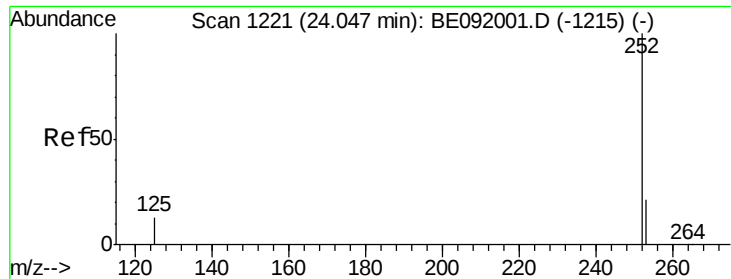
Ion Ratio Lower Upper

252 100

253 21.7 19.4 29.2

125 11.2 8.3 12.5





#43

Benzo(a)pyrene

Concen: 0.36 ng

RT: 24.05 min Scan# 1221

Delta R.T. 0.00 min

Lab File: BE092001.D

Acq: 22 Jul 2016 10:55

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

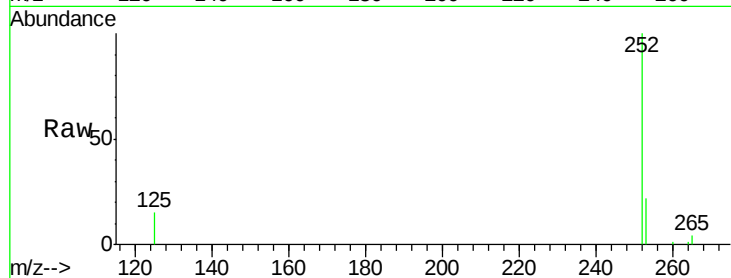
Tgt Ion:252 Resp: 15347

Ion Ratio Lower Upper

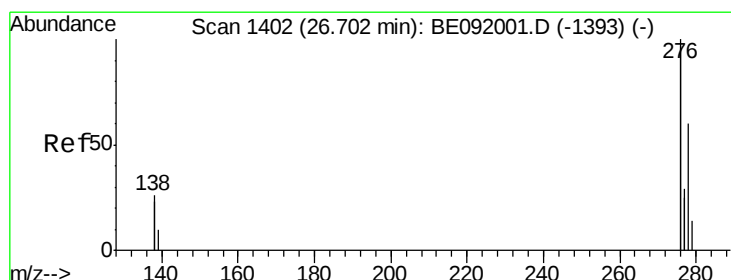
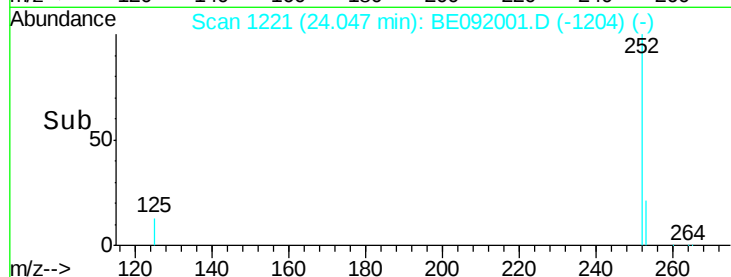
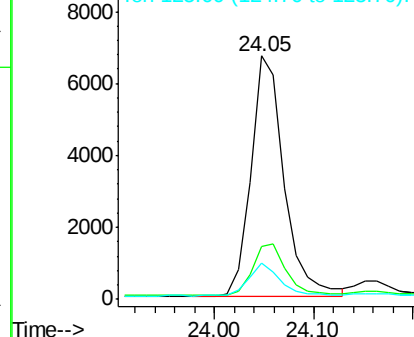
252 100

253 21.9 18.9 28.3

125 14.8 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: 0.35 ng

RT: 26.70 min Scan# 1402

Delta R.T. 0.00 min

Lab File: BE092001.D

Acq: 22 Jul 2016 10:55

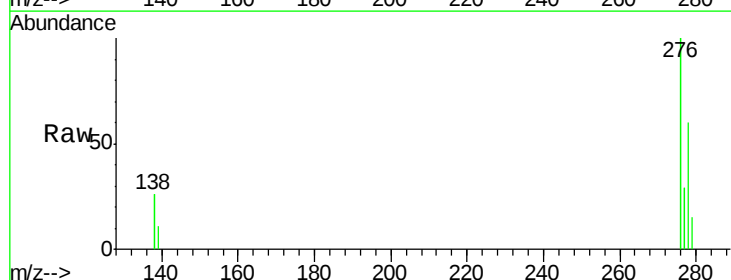
Tgt Ion:278 Resp: 13942

Ion Ratio Lower Upper

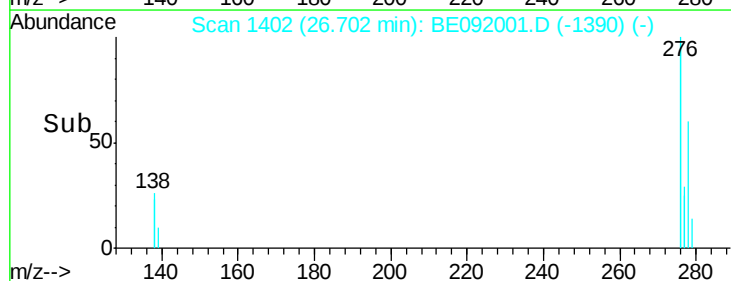
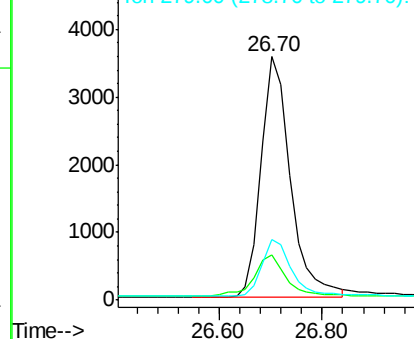
278 100

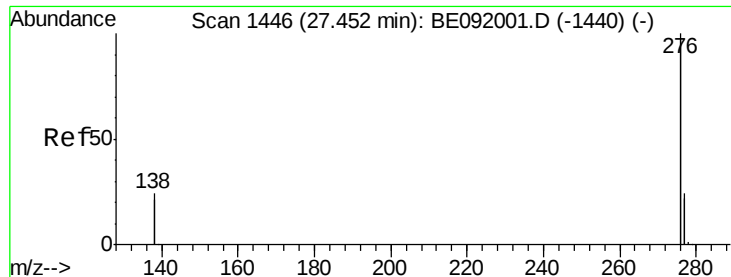
139 18.7 12.6 18.8

279 24.8 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





#45

Benzo(g,h,i)perylene

Concen: 0.35 ng

RT: 27.45 min Scan# 1446

Delta R.T. 0.00 min

Lab File: BE092001.D

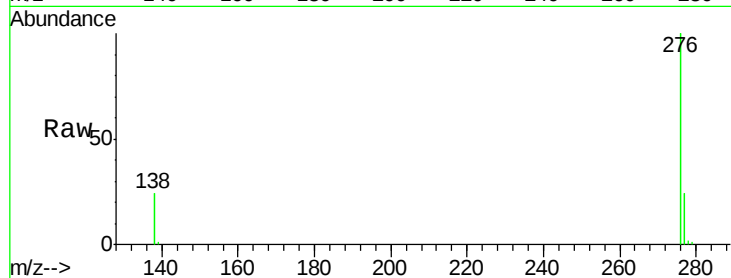
Acq: 22 Jul 2016 10:55

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4



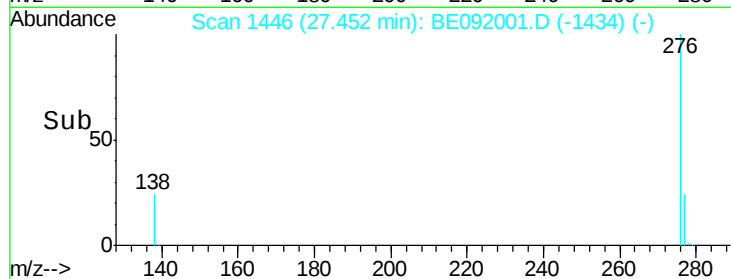
Tgt Ion: 276 Resp: 56855

Ion Ratio Lower Upper

276 100

277 24.5 19.5 29.3

138 24.3 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

