

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072216\
 Data File : BE092002.D
 Acq On : 22 Jul 2016 11:34
 Operator : UM/SJ
 Sample : SSTDICC0.8
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.8

Quant Time: Jul 22 12:06:50 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	20878	5.00	ng	0.00
8) Naphthalene-d8	10.99	136	102516	5.00	ng	0.00
15) Acenaphthene-d10	14.86	164	64544	5.00	ng	0.00
24) Phenanthrene-d10	17.59	188	155619	5.00	ng	0.00
31) Chrysene-d12	21.76	240	241400	5.00	ng	0.00
40) Perylene-d12	24.16	264	175633	5.00	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.72	112	3136	0.63	ng	0.00
5) Phenol-d6	7.37	99	4406	0.63	ng	0.00
9) Nitrobenzene-d5	9.36	82	4963	0.71	ng	-0.02
16) 2,4,6-Tribromophenol	16.35	330	1206	0.66	ng	0.00
17) 2-Fluorobiphenyl	13.49	172	14321	0.91	ng	0.00
34) Terphenyl-d14	20.22	244	19450	0.68	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.47	88	2141	0.76	ng	89
3) n-Nitrosodimethylamine	3.82	42	2434	0.76	ng	# 84
6) bis(2-Chloroethyl)ether	7.61	93	4883	0.81	ng	97
7) n-Nitroso-di-n-propylamine	9.00	70	3956	0.68	ng	# 99
10) Nitrobenzene	9.40	77	5435	0.72	ng	# 98
11) bis(2-Chloroethoxy)methane	10.42	93	6033	0.70	ng	# 22
12) Naphthalene	11.04	128	18545	0.78	ng	97
13) Hexachlorobutadiene	11.34	225	2626	0.72	ng	98
14) 2-Methylnaphthalene	12.68	142	11359	0.74	ng	95
18) Acenaphthylene	14.56	152	80529	0.99	ng	# 71
19) 2,6-Dinitrotoluene	14.44	165	10926	0.77	ng	# 10
20) Acenaphthene	14.92	154	13006	0.74	ng	# 1
21) 2,4-Dinitrotoluene	15.22	165	10978	0.76	ng	# 76
22) Fluorene	15.90	166	16505	0.89	ng	98
23) 4-Chlorophenyl-phenylether	15.90	204	8255	0.89	ng	98
25) 4-Bromophenyl-phenylether	16.78	248	5101	0.75	ng	98
26) Hexachlorobenzene	16.90	284	5277	0.79	ng	98
27) Pentachlorophenol	17.25	266	974	0.40	ng	# 84
28) Phenanthrene	17.63	178	31374	0.77	ng	99
29) Anthracene	17.72	178	28353	0.75	ng	100
30) Fluoranthene	19.65	202	122929	0.71	ng	# 87
32) Benzidine	19.83	184	5935	0.37	ng	95
33) Pyrene	19.99	202	136436	0.78	ng	# 64
35) Benzo(a)anthracene	21.73	228	45106	1.12	ng	92
36) 3,3'-Dichlorobenzidine	21.70	252	5932	0.48	ng	# 100
37) Chrysene	21.73	228	45094	0.79	ng	96
38) Bis(2-ethylhexyl)phthalate	21.64	149	33025	0.71	ng	# 100
39) Indeno(1,2,3-cd)pyrene	26.67	276	148326	0.66	ng	98
41) Benzo(b)fluoranthene	23.42	252	35720	0.74	ng	98
42) Benzo(k)fluoranthene	23.47	252	36945	0.79	ng	96
43) Benzo(a)pyrene	24.05	252	33220	0.73	ng	97
44) Dibenzo(a,h)anthracene	26.70	278	29949	0.69	ng	99
45) Benzo(g,h,i)perylene	27.45	276	121580	0.69	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

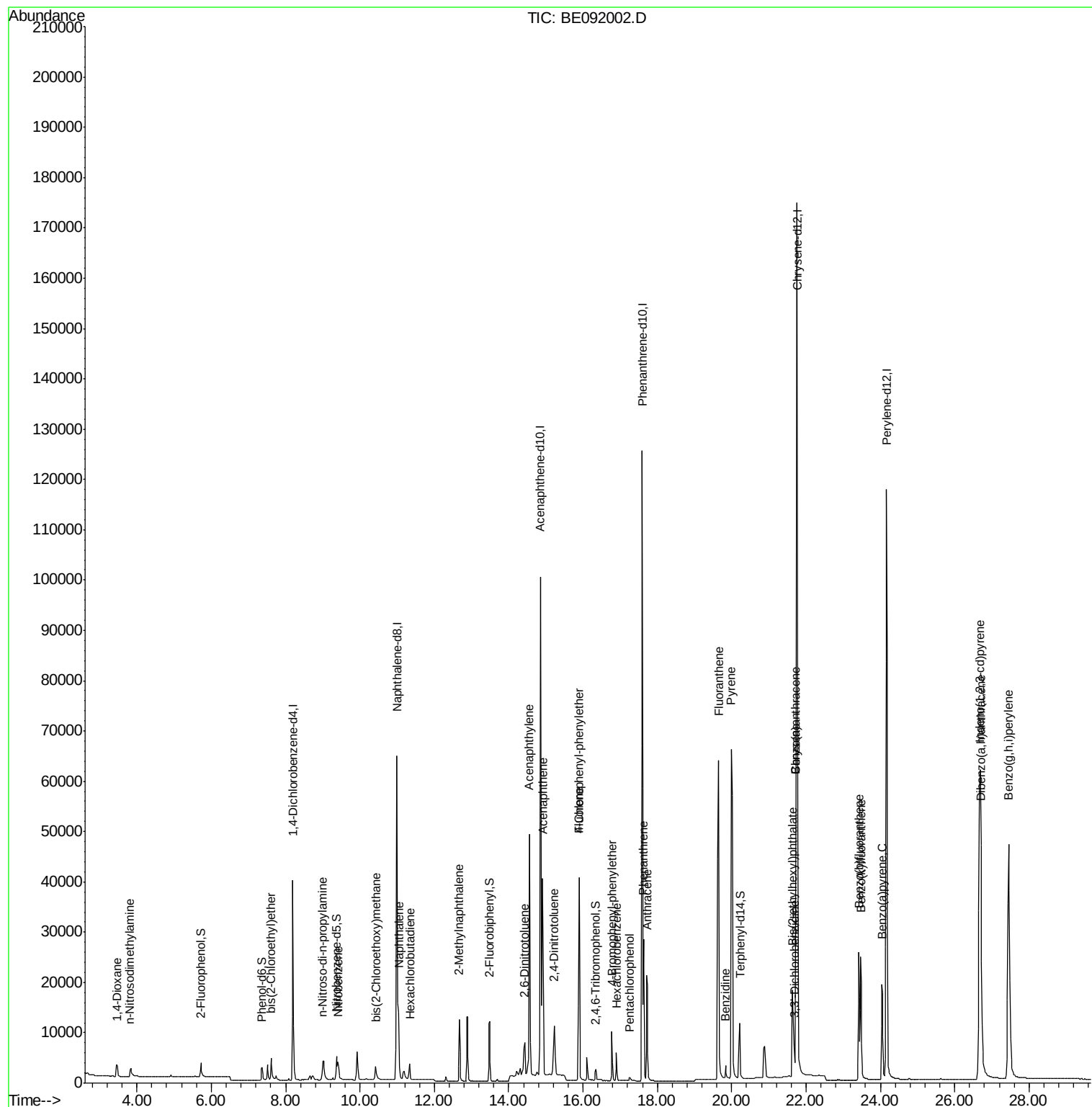
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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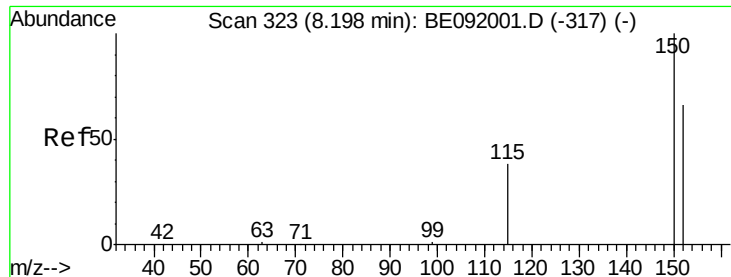
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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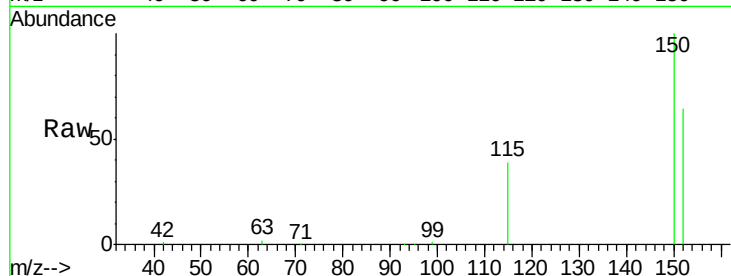




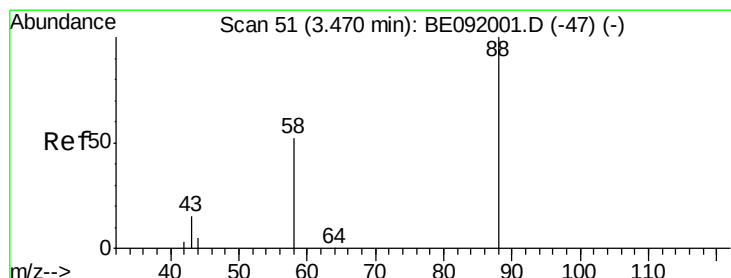
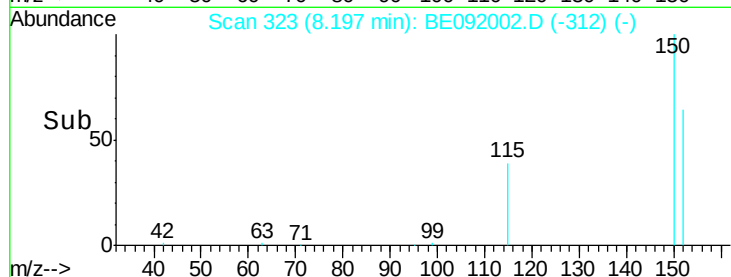
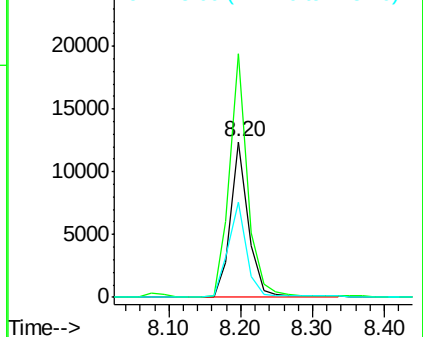
#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 8.20 min Scan# 323
 Delta R.T. -0.00 min
 Lab File: BE092002.D
 Acq: 22 Jul 2016 11:34

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.8

Tgt Ion:152 Resp: 20878
 Ion Ratio Lower Upper
 152 100
 150 156.6 123.9 185.9
 115 61.0 48.3 72.5

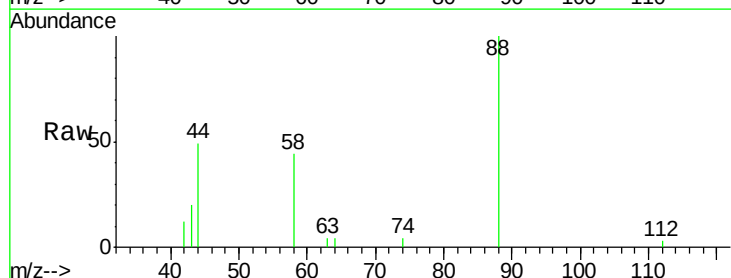


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

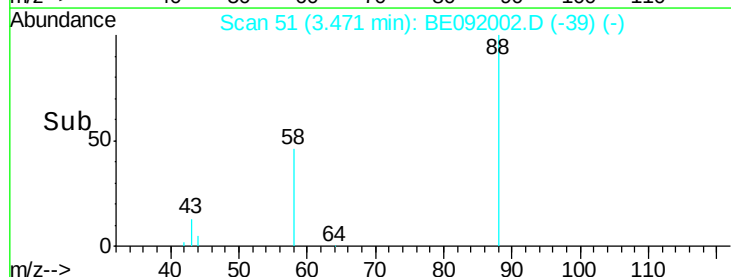
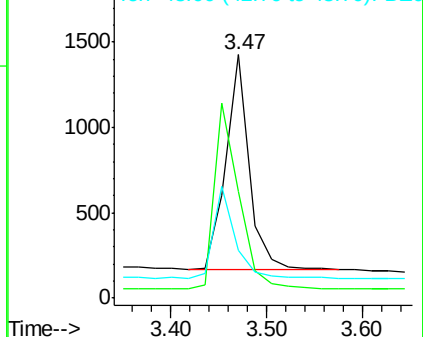


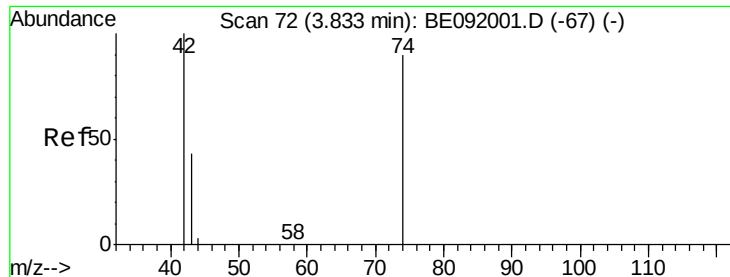
#2
 1,4-Dioxane
 Concen: 0.76 ng
 RT: 3.47 min Scan# 51
 Delta R.T. 0.00 min
 Lab File: BE092002.D
 Acq: 22 Jul 2016 11:34

Tgt Ion: 88 Resp: 2141
 Ion Ratio Lower Upper
 88 100
 58 90.9 63.0 94.4
 43 40.0 29.1 43.7



Abundance Ion 88.00 (87.70 to 88.70): BE0
 Ion 58.00 (57.70 to 58.70): BE0
 Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.76 ng

RT: 3.82 min Scan# 71

Delta R.T. -0.02 min

Lab File: BE092002.D

Acq: 22 Jul 2016 11:34

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

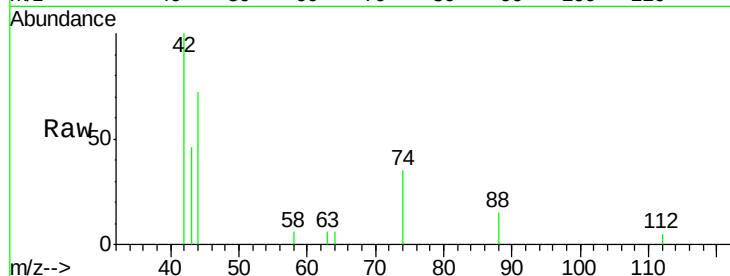
Tgt Ion: 42 Resp: 2434

Ion Ratio Lower Upper

42 100

74 98.6 93.4 140.0

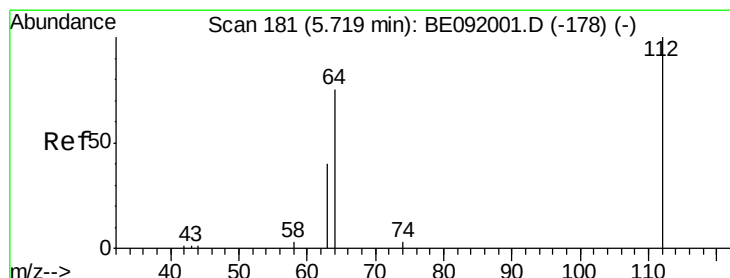
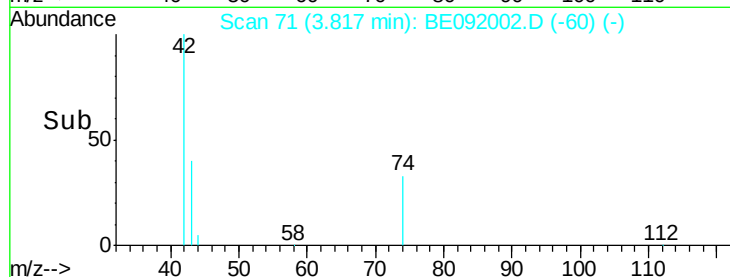
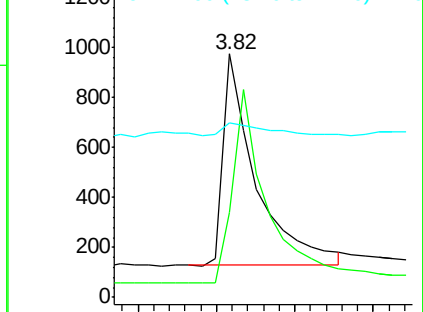
44 8.8 5.0 7.6#



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: 0.63 ng

RT: 5.72 min Scan# 181

Delta R.T. 0.00 min

Lab File: BE092002.D

Acq: 22 Jul 2016 11:34

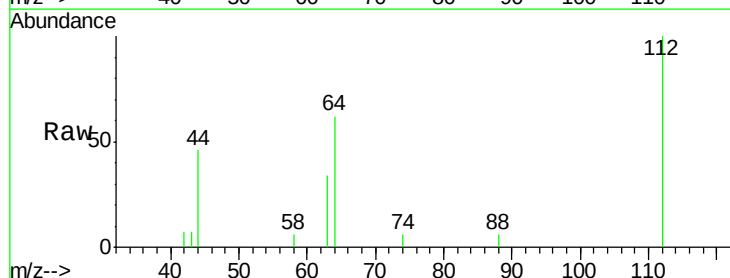
Tgt Ion: 112 Resp: 3136

Ion Ratio Lower Upper

112 100

64 67.3 53.7 80.5

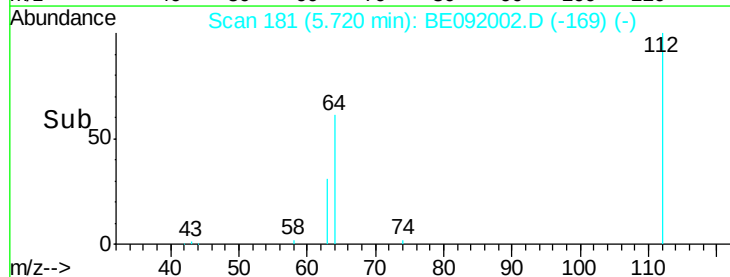
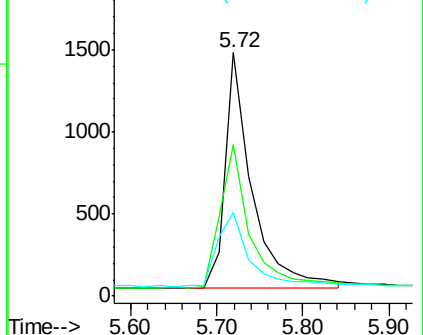
63 38.1 29.5 44.3

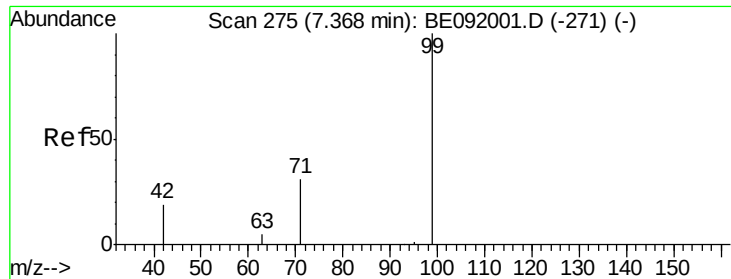


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.63 ng

RT: 7.37 min Scan# 275

Delta R.T. -0.00 min

Lab File: BE092002.D

Acq: 22 Jul 2016 11:34

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

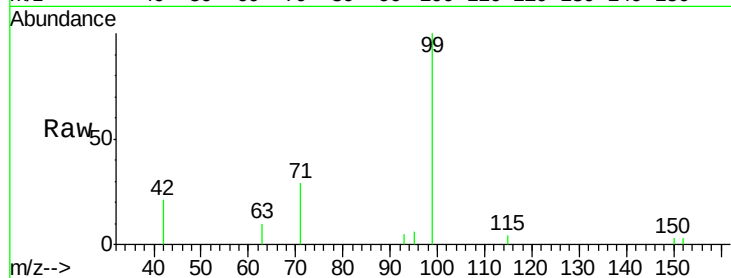
Tgt Ion: 99 Resp: 4406

Ion Ratio Lower Upper

99 100

42 26.7 19.6 29.4

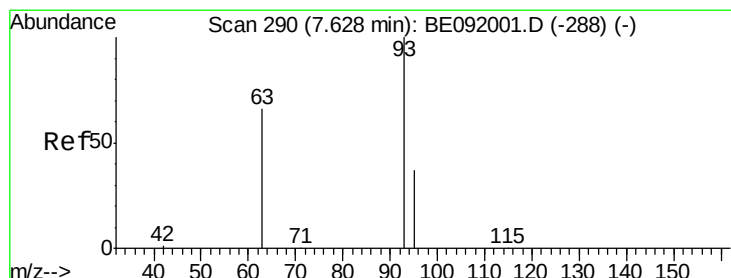
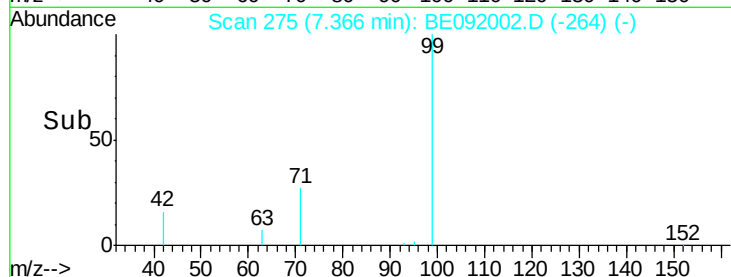
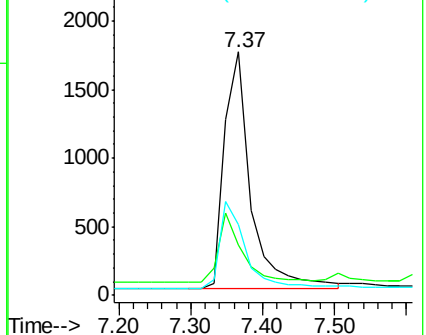
71 35.2 28.1 42.1



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.81 ng

RT: 7.61 min Scan# 289

Delta R.T. -0.02 min

Lab File: BE092002.D

Acq: 22 Jul 2016 11:34

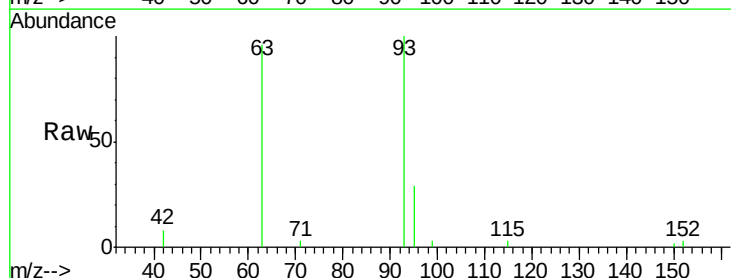
Tgt Ion: 93 Resp: 4883

Ion Ratio Lower Upper

93 100

63 79.9 66.2 99.4

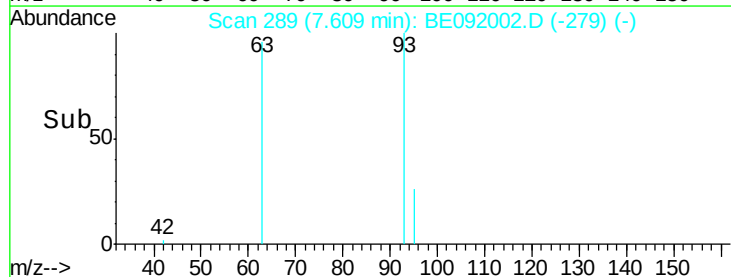
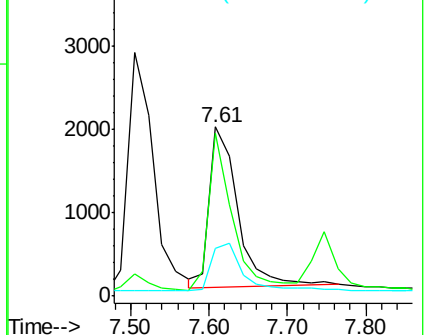
95 32.5 25.5 38.3

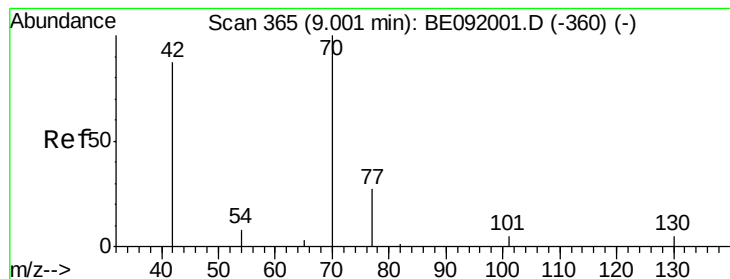


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 0.68 ng

RT: 9.00 min Scan# 365

Delta R.T. -0.00 min

Lab File: BE092002.D

Acq: 22 Jul 2016 11:34

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.8

Tgt Ion: 70 Resp: 3956

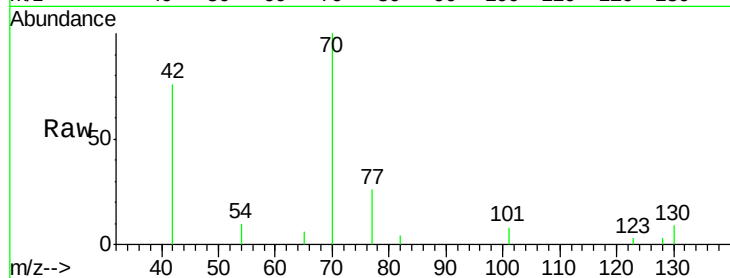
Ion Ratio Lower Upper

70 100

42 74.2 58.4 87.6

101 7.6 6.4 9.6

130 15.1 0.0 0.0#

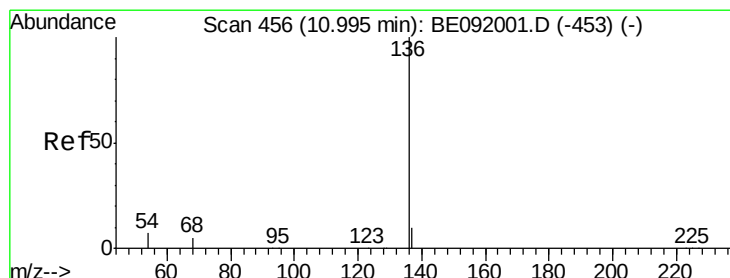
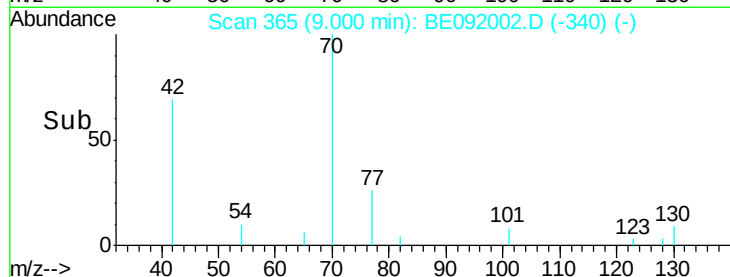
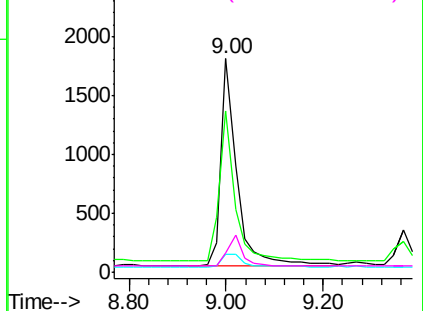


Abundance Ion 70.00 (69.70 to 70.70): BE0

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: BE092002.D

Acq: 22 Jul 2016 11:34

Tgt Ion: 136 Resp: 102516

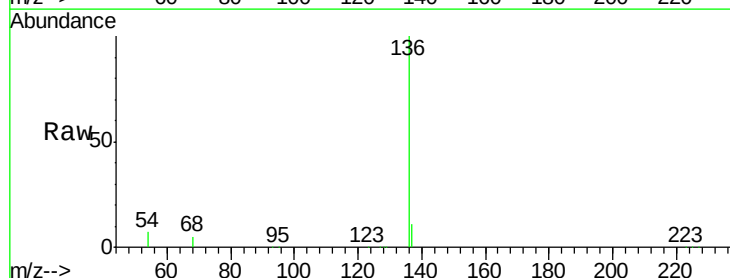
Ion Ratio Lower Upper

136 100

137 10.5 8.3 12.5

54 6.7 8.2 12.4#

68 5.1 5.9 8.9#

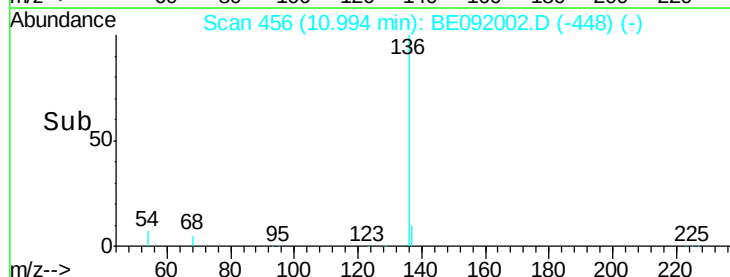
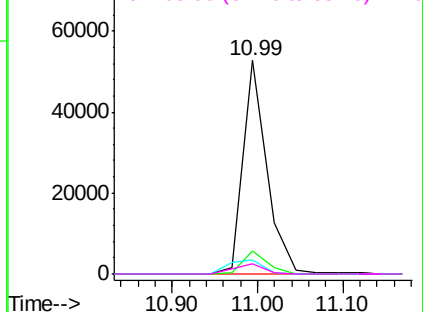


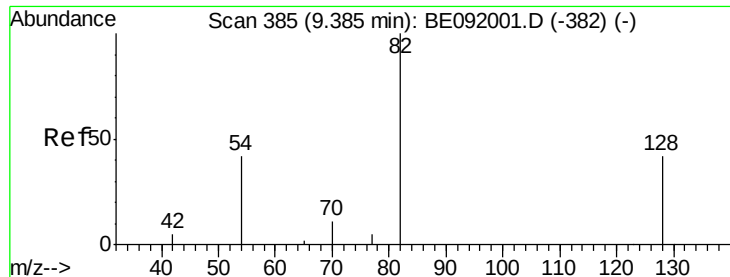
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.71 ng

RT: 9.36 min Scan# 384

Delta R.T. -0.02 min

Lab File: BE092002.D

Acq: 22 Jul 2016 11:34

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

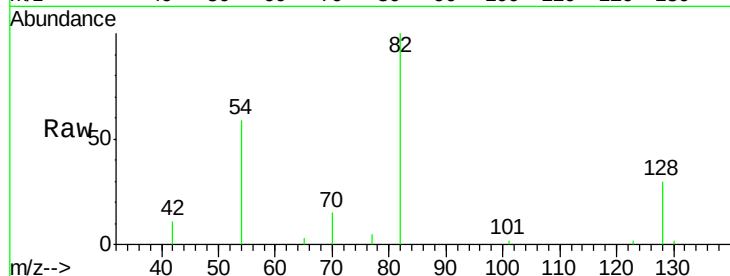
Tgt Ion: 82 Resp: 4963

Ion Ratio Lower Upper

82 100

128 29.8 39.5 59.3#

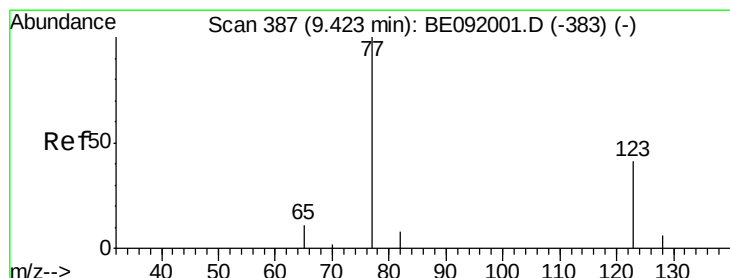
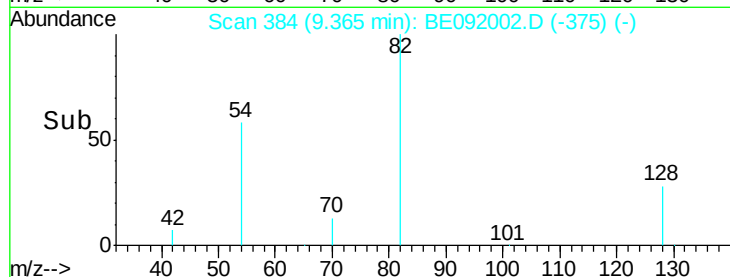
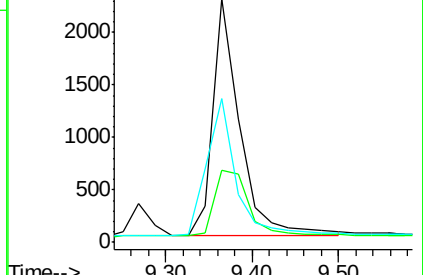
54 59.1 30.3 45.5#



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: 0.72 ng

RT: 9.40 min Scan# 386

Delta R.T. -0.02 min

Lab File: BE092002.D

Acq: 22 Jul 2016 11:34

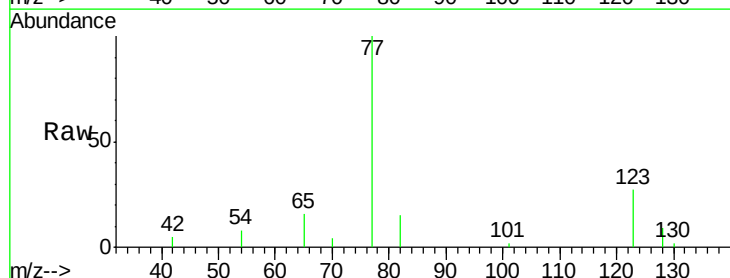
Tgt Ion: 77 Resp: 5435

Ion Ratio Lower Upper

77 100

123 36.6 0.0 0.0#

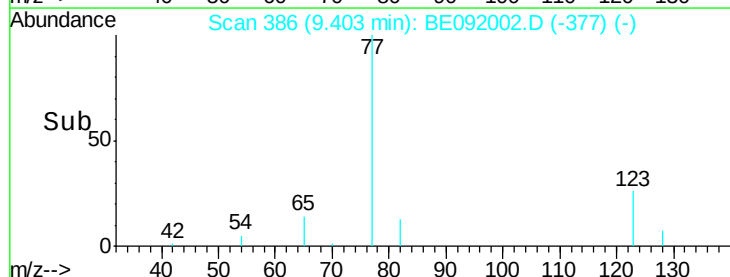
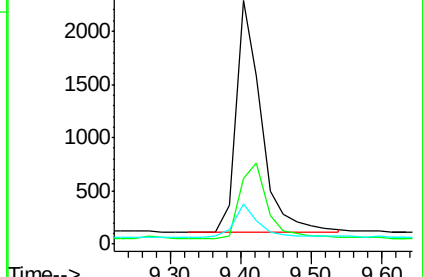
65 13.2 11.1 16.7

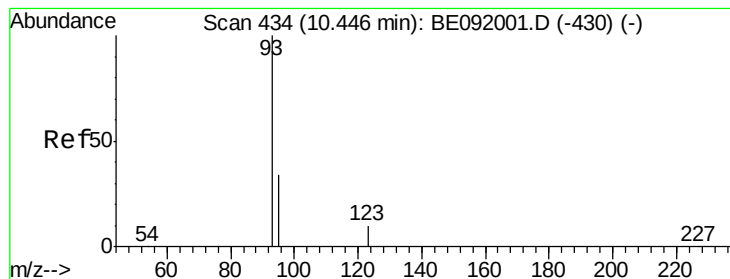


Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0

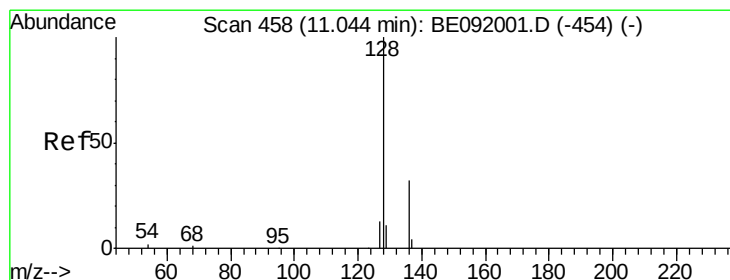
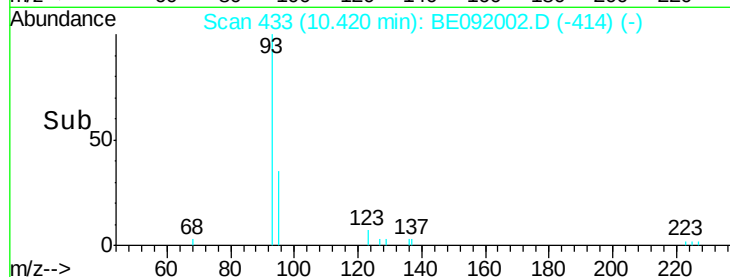
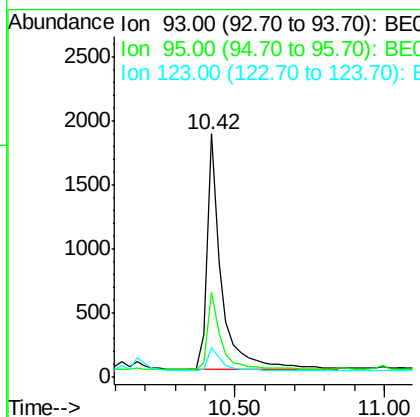
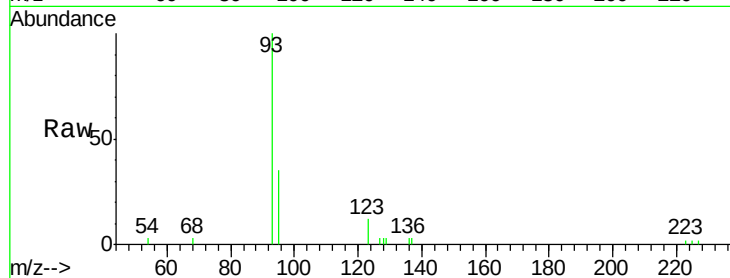




#11
bis(2-Chloroethoxy)methane
Concen: 0.70 ng
RT: 10.42 min Scan# 433
Delta R.T. -0.03 min
Lab File: BE092002.D
Acq: 22 Jul 2016 11:34

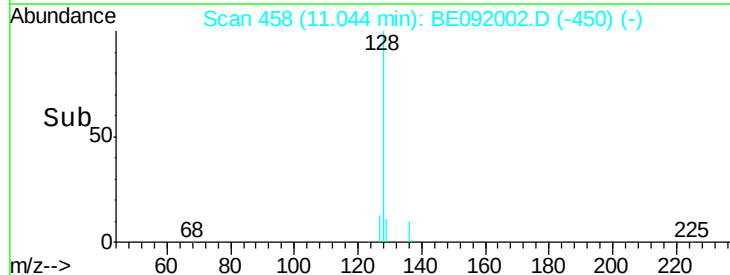
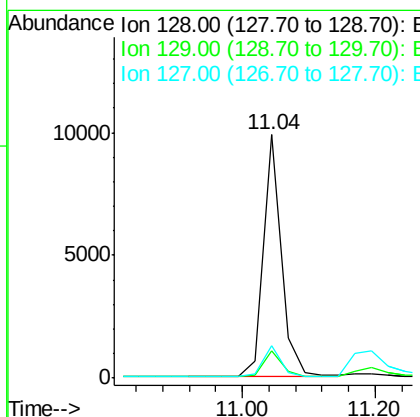
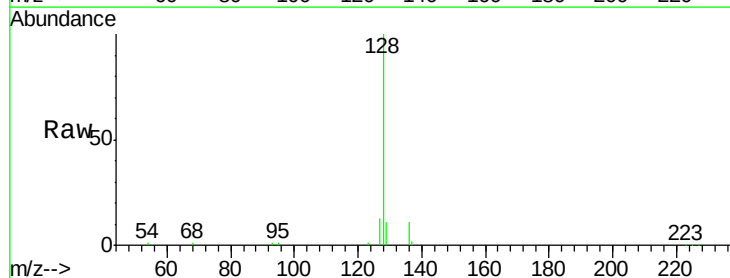
Instrument :
BNA_E
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SSTDIC0.8

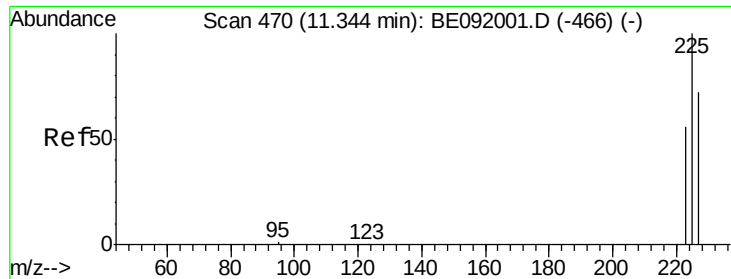
Tgt Ion: 93 Resp: 6033
Ion Ratio Lower Upper
93 100
95 39.6 57.6 86.4#
123 10.0 100.2 150.4#



#12
Naphthalene
Concen: 0.78 ng
RT: 11.04 min Scan# 458
Delta R.T. -0.00 min
Lab File: BE092002.D
Acq: 22 Jul 2016 11:34

Tgt Ion: 128 Resp: 18545
Ion Ratio Lower Upper
128 100
129 11.2 10.4 15.6
127 13.3 10.2 15.2

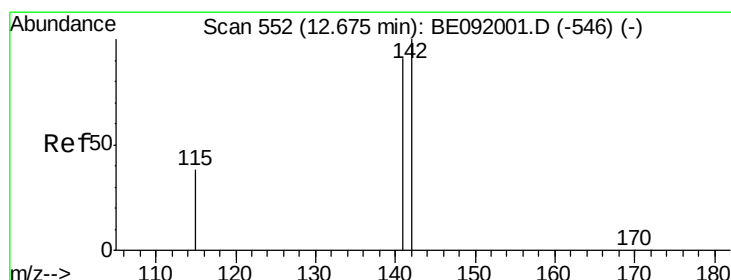
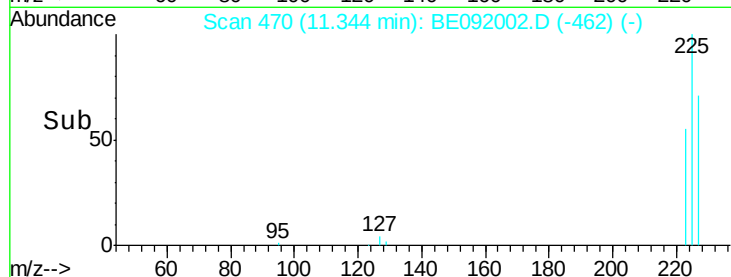
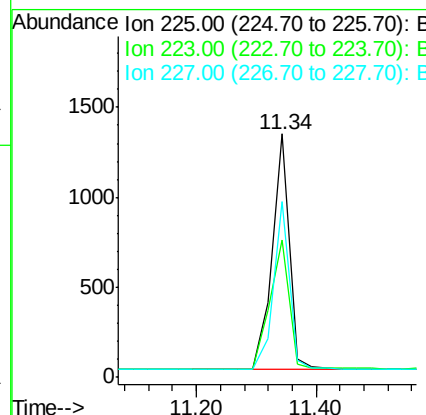
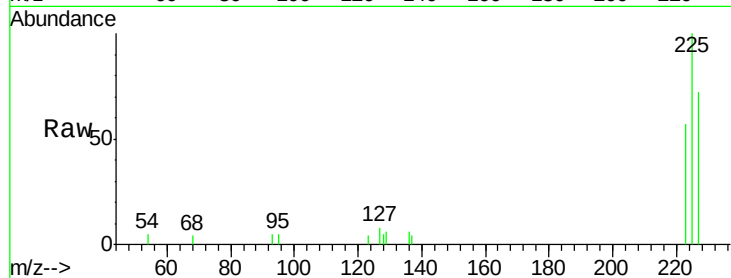




#13
Hexachlorobutadiene
Concen: 0.72 ng
RT: 11.34 min Scan# 470
Delta R.T. -0.00 min
Lab File: BE092002.D
Acq: 22 Jul 2016 11:34

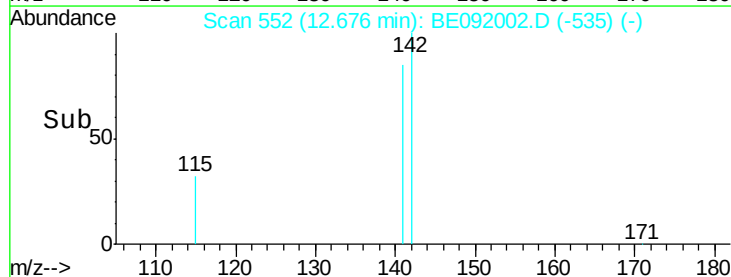
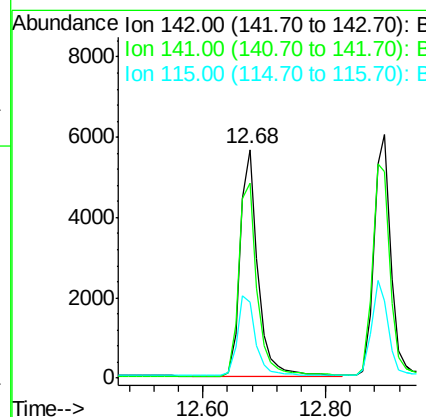
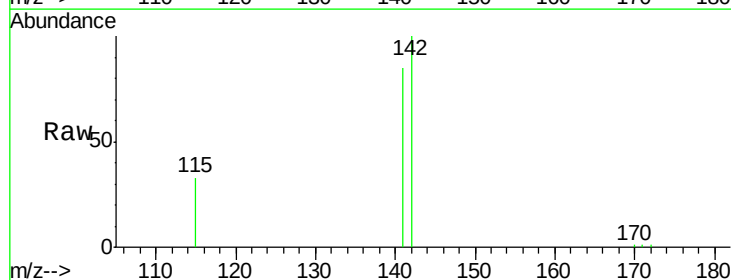
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

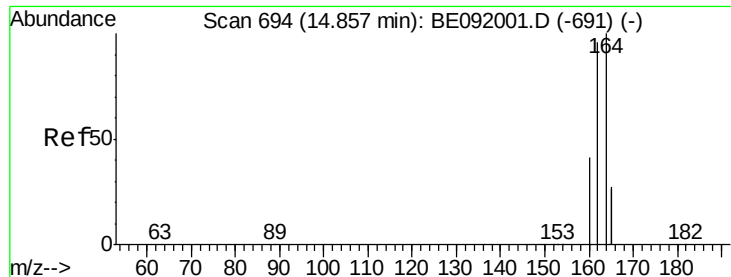
Tgt Ion: 225 Resp: 2626
Ion Ratio Lower Upper
225 100
223 61.6 49.8 74.8
227 66.1 50.6 75.8



#14
2-Methylnaphthalene
Concen: 0.74 ng
RT: 12.68 min Scan# 552
Delta R.T. 0.00 min
Lab File: BE092002.D
Acq: 22 Jul 2016 11:34

Tgt Ion: 142 Resp: 11359
Ion Ratio Lower Upper
142 100
141 85.5 71.9 107.9
115 33.1 29.9 44.9

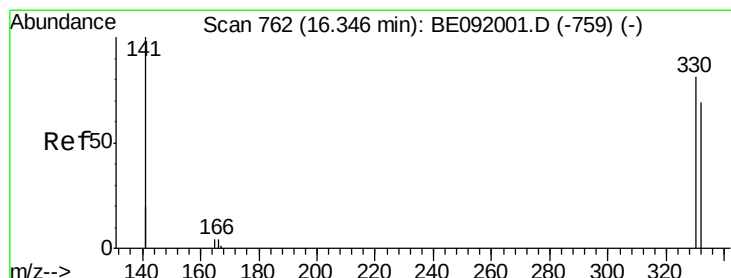
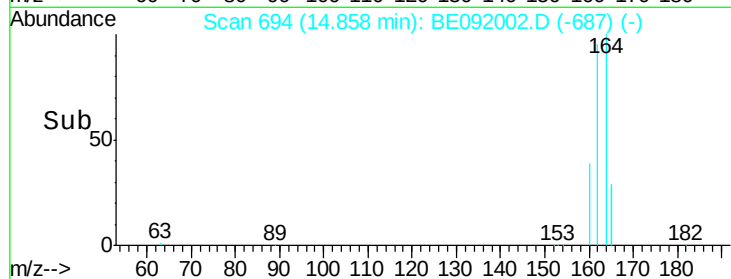
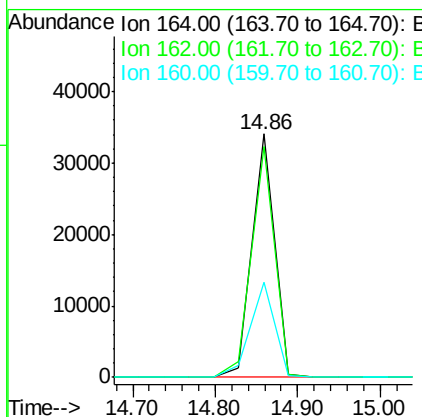
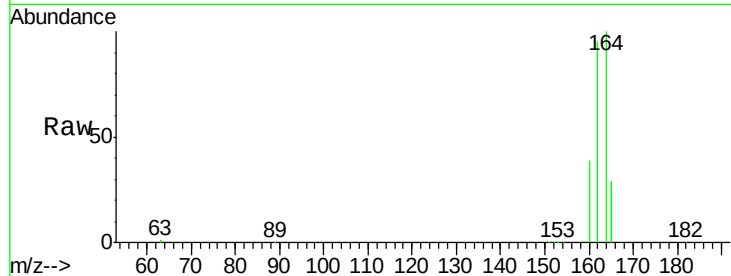




#15
 Acenaphthene-d10
 Concen: 5.00 ng
 RT: 14.86 min Scan# 694
 Delta R.T. 0.00 min
 Lab File: BE092002.D
 Acq: 22 Jul 2016 11:34

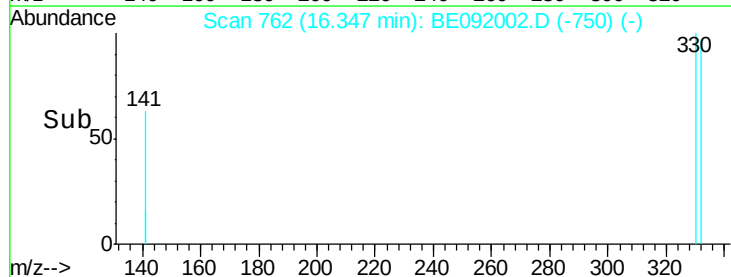
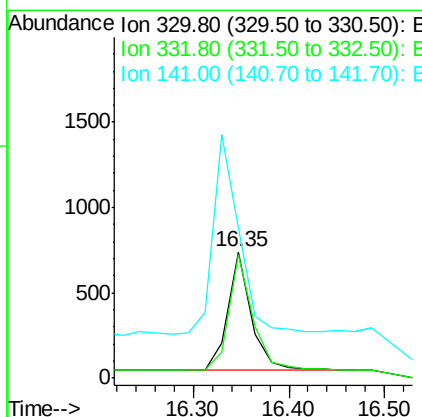
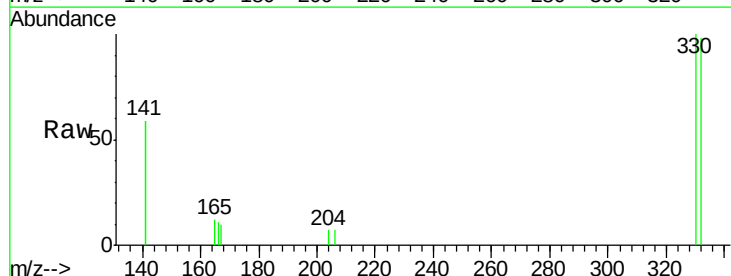
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.8

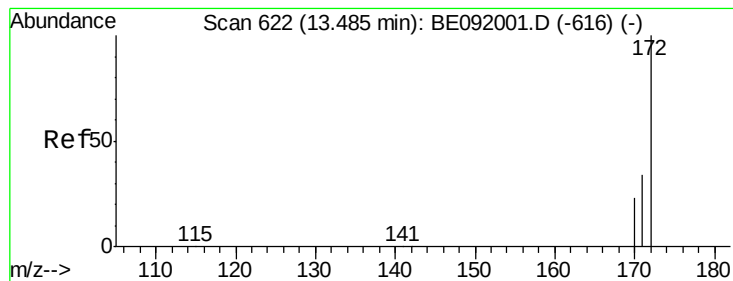
Tgt Ion:164 Resp: 64544
 Ion Ratio Lower Upper
 164 100
 162 95.0 71.8 107.8
 160 39.2 28.0 42.0



#16
 2,4,6-Tribromophenol
 Concen: 0.66 ng
 RT: 16.35 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BE092002.D
 Acq: 22 Jul 2016 11:34

Tgt Ion:330 Resp: 1206
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.0 115.6
 141 182.0 138.4 207.6

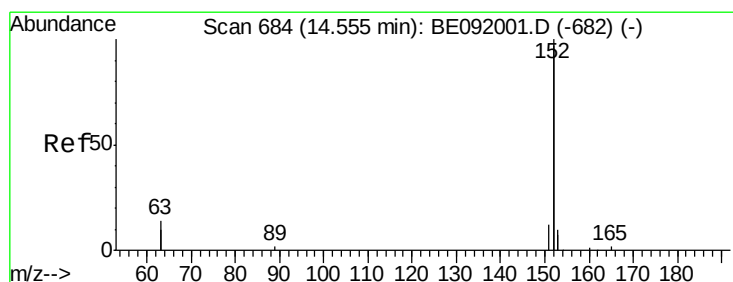
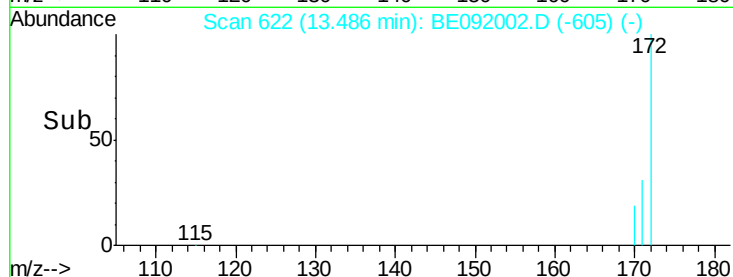
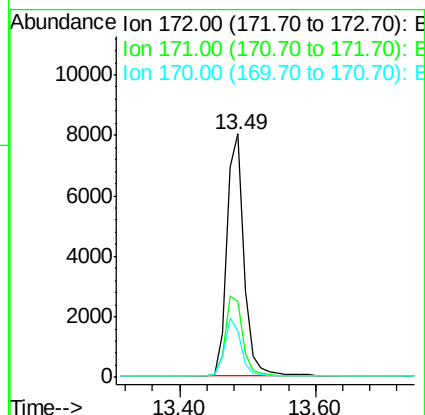
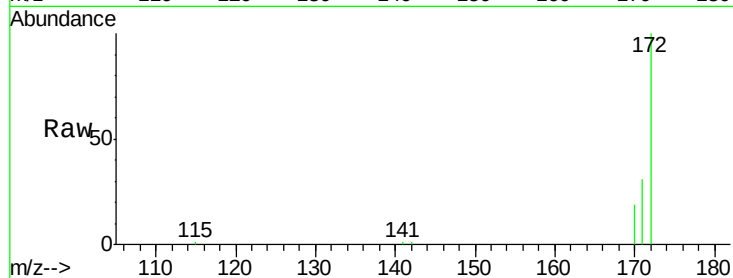




#17
2-Fluorobiphenyl
Concen: 0.91 ng
RT: 13.49 min Scan# 622
Delta R.T. 0.00 min
Lab File: BE092002.D
Acq: 22 Jul 2016 11:34

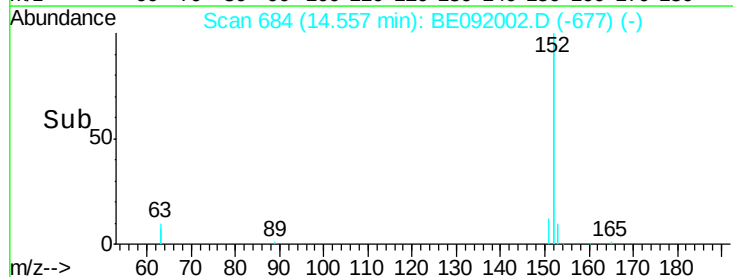
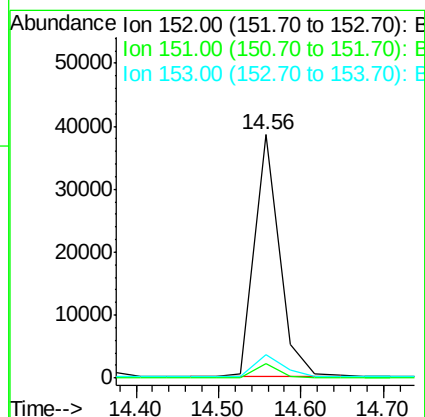
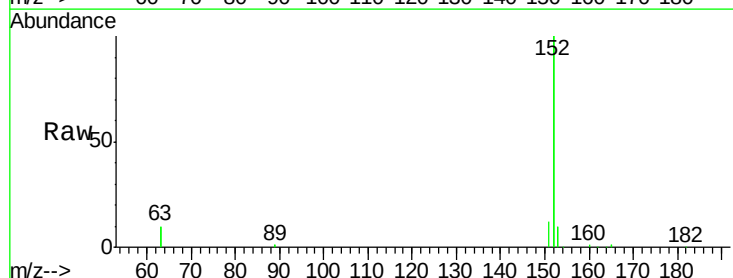
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

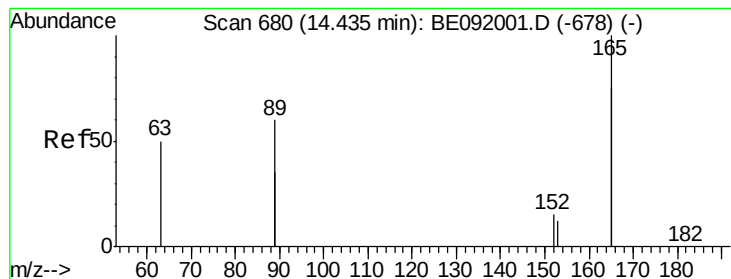
Tgt Ion:172 Resp: 14321
Ion Ratio Lower Upper
172 100
171 31.2 24.3 36.5
170 19.0 14.9 22.3



#18
Acenaphthylene
Concen: 0.99 ng
RT: 14.56 min Scan# 684
Delta R.T. 0.00 min
Lab File: BE092002.D
Acq: 22 Jul 2016 11:34

Tgt Ion:152 Resp: 80529
Ion Ratio Lower Upper
152 100
151 5.5 19.4 29.2#
153 10.9 14.4 21.6#





#19

2,6-Dinitrotoluene

Concen: 0.77 ng

RT: 14.44 min Scan# 680

Delta R.T. 0.00 min

Lab File: BE092002.D

Acq: 22 Jul 2016 11:34

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

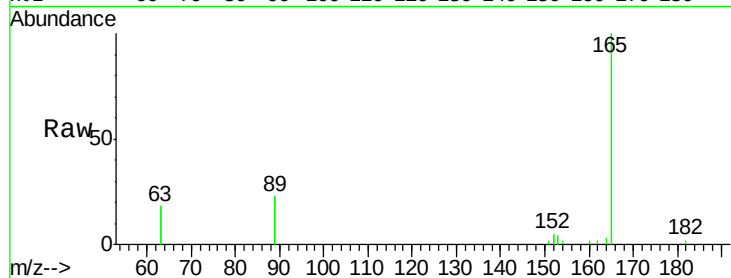
Tgt Ion:165 Resp: 10926

Ion Ratio Lower Upper

165 100

63 0.0 65.9 98.9#

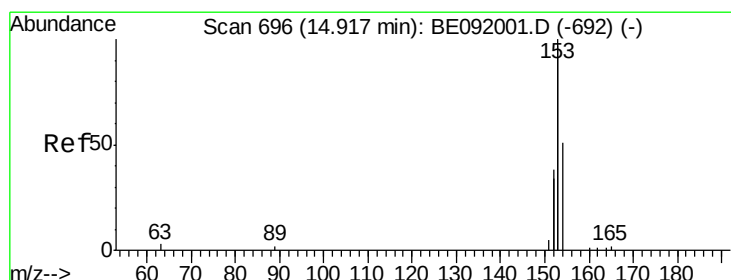
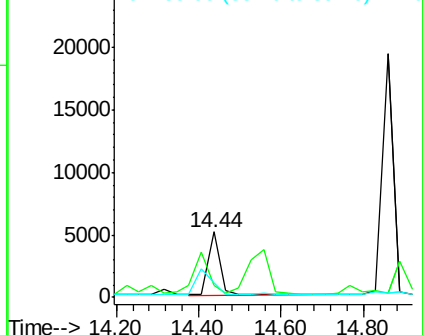
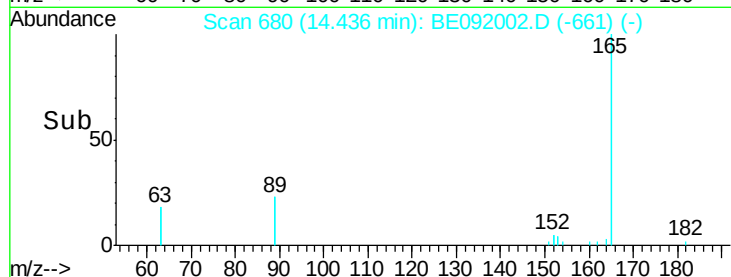
89 0.0 59.1 88.7#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BE0

Ion 89.00 (88.70 to 89.70): BE0



#20

Acenaphthene

Concen: 0.74 ng

RT: 14.92 min Scan# 696

Delta R.T. 0.00 min

Lab File: BE092002.D

Acq: 22 Jul 2016 11:34

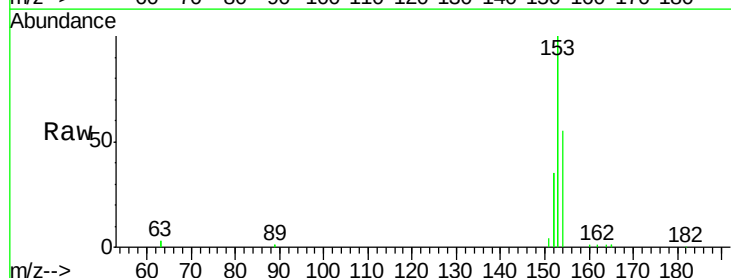
Tgt Ion:154 Resp: 13006

Ion Ratio Lower Upper

154 100

153 393.1 88.1 132.1#

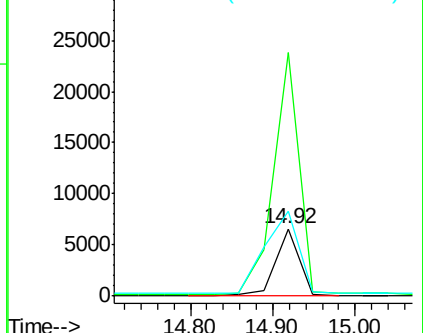
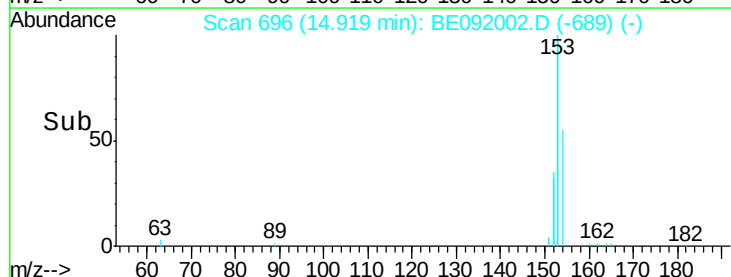
152 176.3 44.2 66.2#

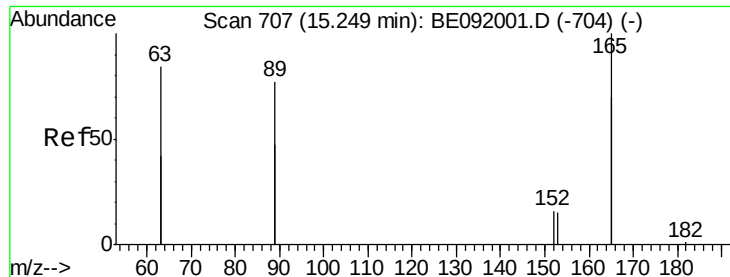


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

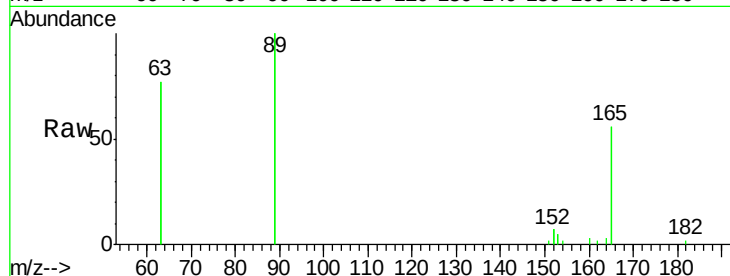




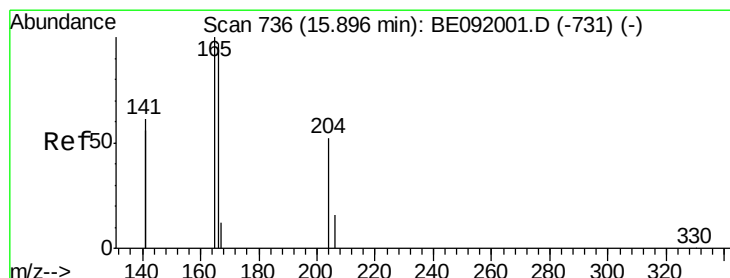
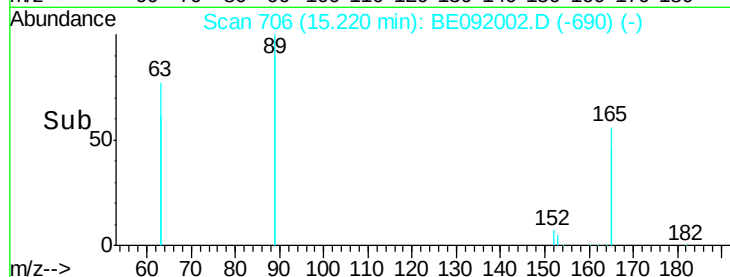
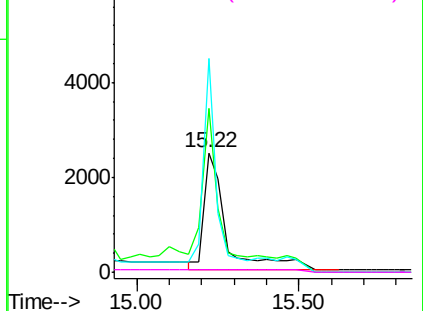
#21
2,4-Dinitrotoluene
Concen: 0.76 ng
RT: 15.22 min Scan# 706
Delta R.T. -0.03 min
Lab File: BE092002.D
Acq: 22 Jul 2016 11:34

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

Tgt Ion:165 Resp: 10978
Ion Ratio Lower Upper
165 100
63 172.4 0.0 0.0#
89 97.6 99.8 149.8#
182 0.0 0.0 0.0

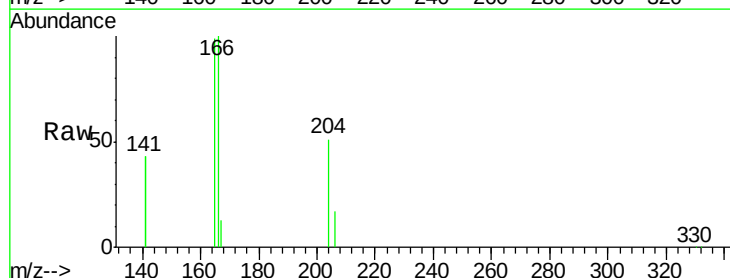


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BE0
Ion 89.00 (88.70 to 89.70): BE0
Ion 182.00 (181.70 to 182.70): E

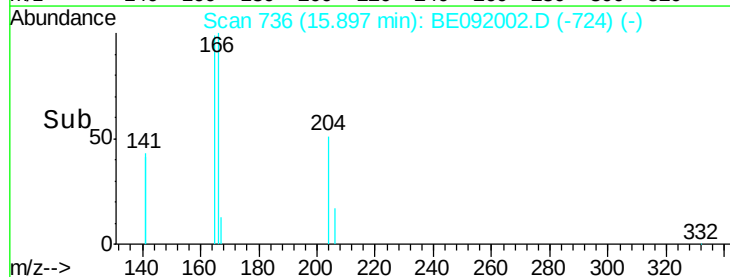
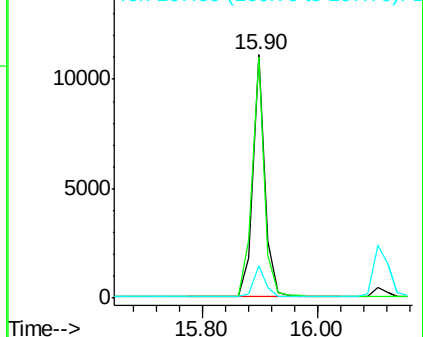


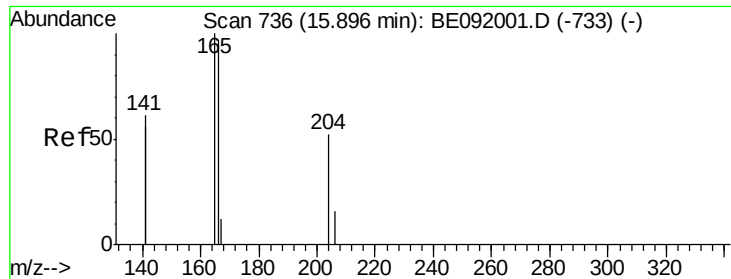
#22
Fluorene
Concen: 0.89 ng
RT: 15.90 min Scan# 736
Delta R.T. 0.00 min
Lab File: BE092002.D
Acq: 22 Jul 2016 11:34

Tgt Ion:166 Resp: 16505
Ion Ratio Lower Upper
166 100
165 100.2 78.6 117.8
167 13.5 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#23

4-Chlorophenyl-phenylether

Concen: 0.89 ng

RT: 15.90 min Scan# 736

Delta R.T. 0.00 min

Lab File: BE092002.D

Acq: 22 Jul 2016 11:34

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

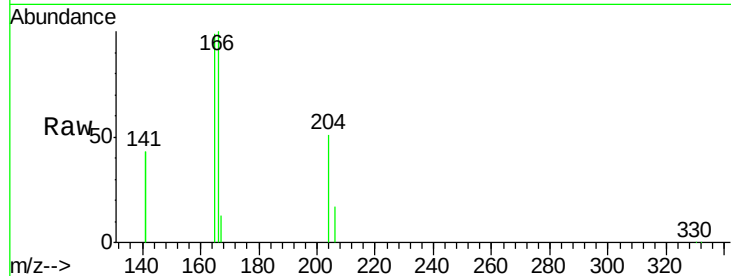
Tgt Ion:204 Resp: 8255

Ion Ratio Lower Upper

204 100

206 33.5 27.8 41.6

141 251.4 197.6 296.4

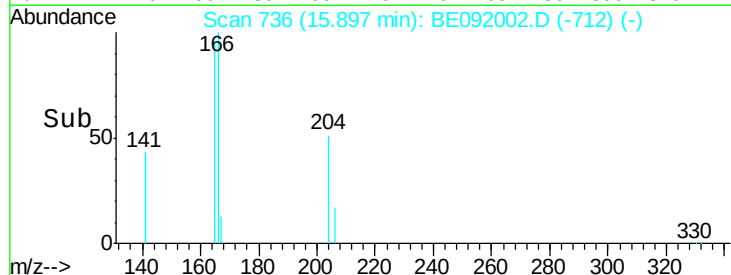


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

Time-->



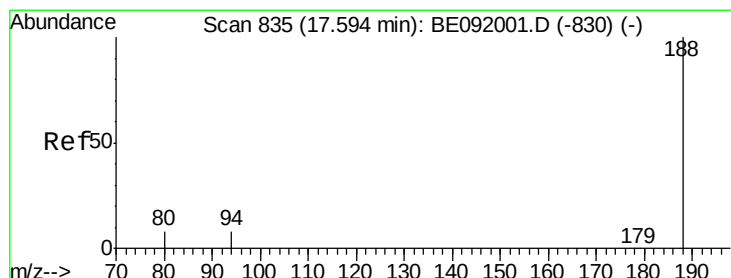
Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

Time-->



#24

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.59 min Scan# 835

Delta R.T. 0.00 min

Lab File: BE092002.D

Acq: 22 Jul 2016 11:34

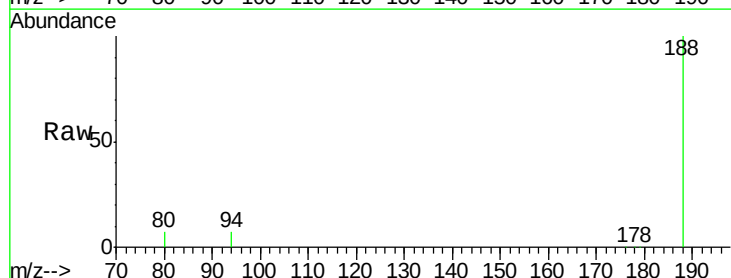
Tgt Ion:188 Resp: 155619

Ion Ratio Lower Upper

188 100

94 7.4 4.1 6.1#

80 7.0 3.4 5.2#

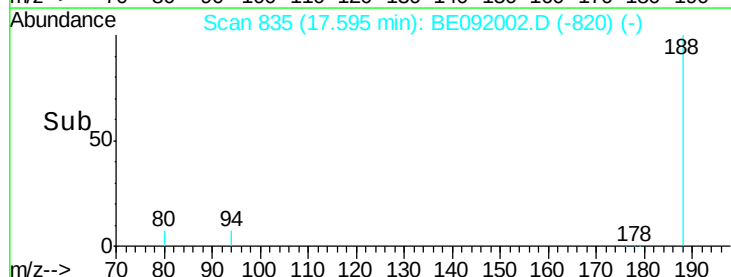


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

Time-->



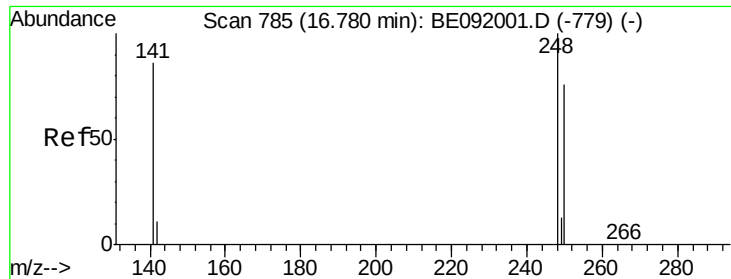
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

Time-->



#25

4-Bromophenyl-phenylether

Concen: 0.75 ng

RT: 16.78 min Scan# 785

Delta R.T. -0.00 min

Lab File: BE092002.D

Acq: 22 Jul 2016 11:34

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

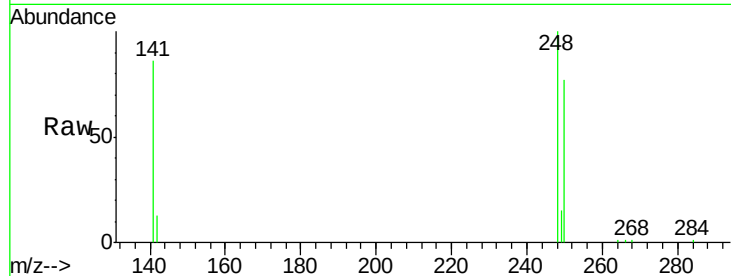
Tgt Ion:248 Resp: 5101

Ion Ratio Lower Upper

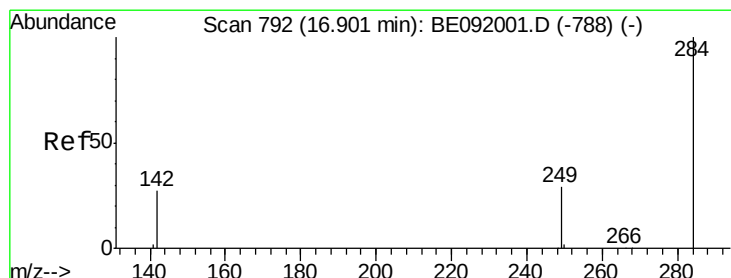
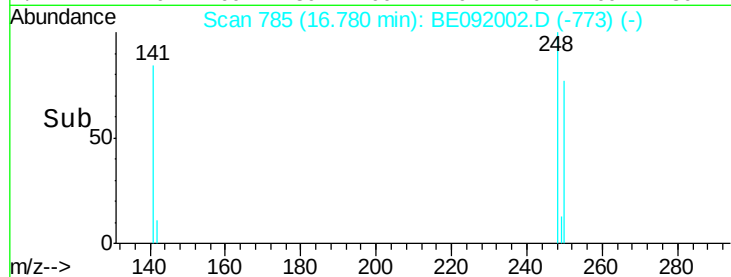
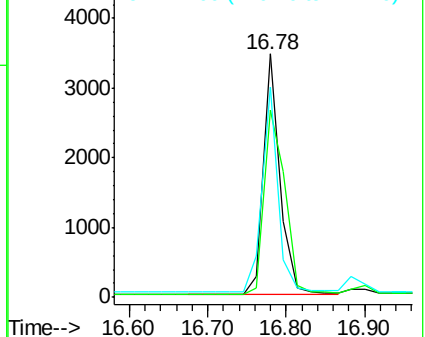
248 100

250 95.7 75.7 113.5

141 82.6 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: 0.79 ng

RT: 16.90 min Scan# 792

Delta R.T. -0.00 min

Lab File: BE092002.D

Acq: 22 Jul 2016 11:34

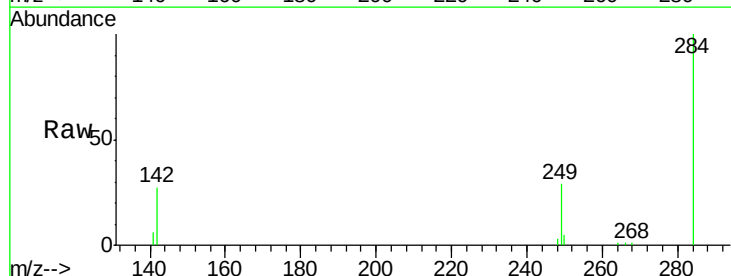
Tgt Ion:284 Resp: 5277

Ion Ratio Lower Upper

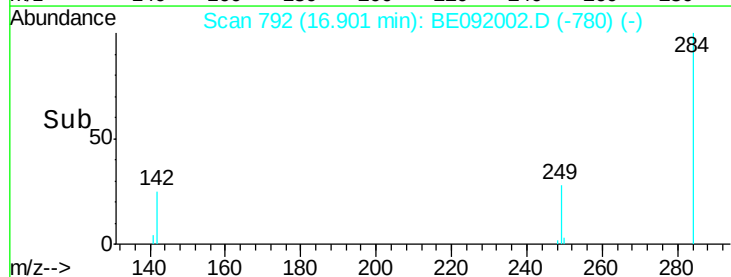
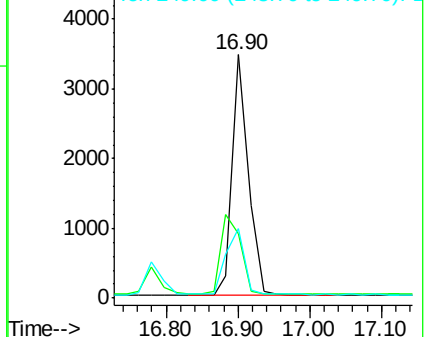
284 100

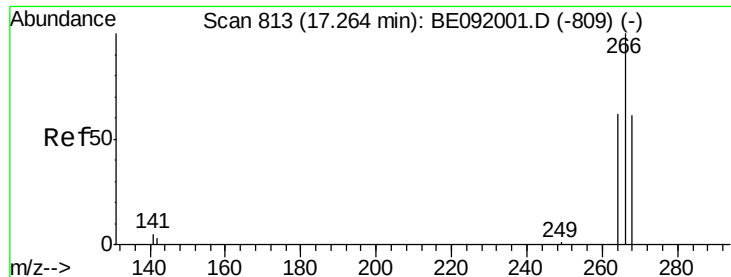
142 41.3 31.4 47.2

249 31.9 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: 0.40 ng

RT: 17.25 min Scan# 812

Delta R.T. -0.02 min

Lab File: BE092002.D

Acq: 22 Jul 2016 11:34

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

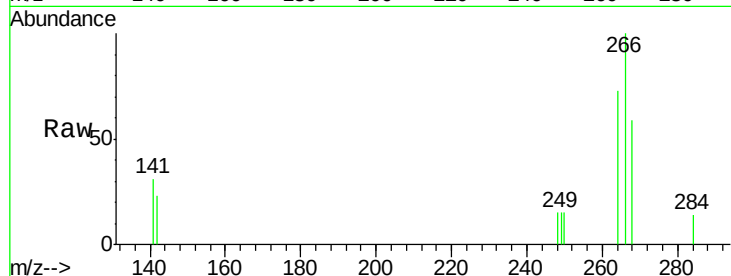
Tgt Ion:266 Resp: 974

Ion Ratio Lower Upper

266 100

268 58.6 60.5 90.7#

264 72.6 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

17.25

300

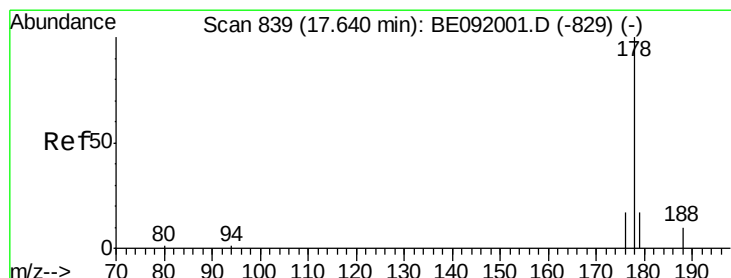
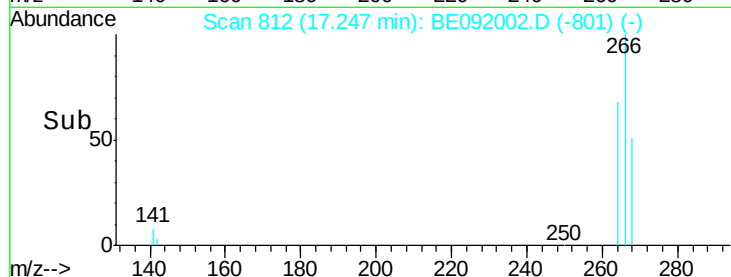
200

100

0

17.20 17.30 17.40

Time-->



#28

Phenanthrene

Concen: 0.77 ng

RT: 17.63 min Scan# 838

Delta R.T. -0.01 min

Lab File: BE092002.D

Acq: 22 Jul 2016 11:34

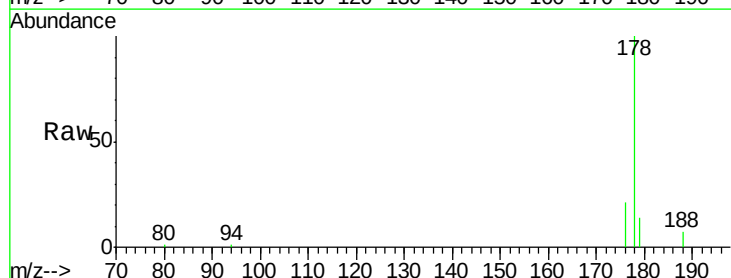
Tgt Ion:178 Resp: 31374

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.2

179 15.8 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

17.63

25000

20000

15000

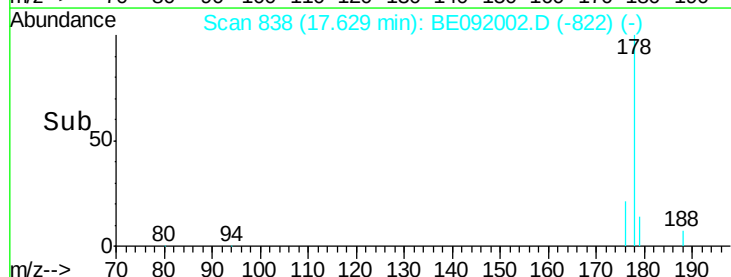
10000

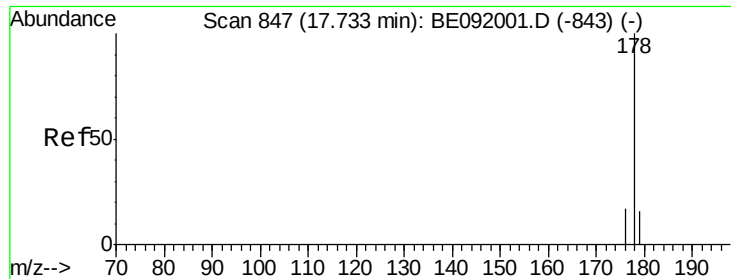
5000

0

17.50 17.60 17.70

Time-->





#29

Anthracene

Concen: 0.75 ng

RT: 17.72 min Scan# 846

Delta R.T. -0.01 min

Lab File: BE092002.D

Acq: 22 Jul 2016 11:34

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

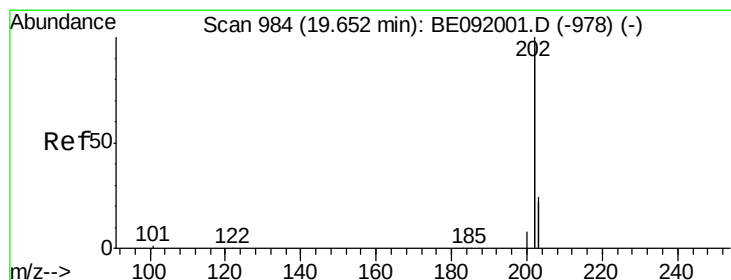
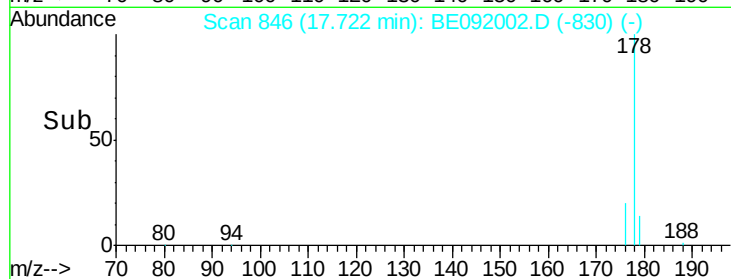
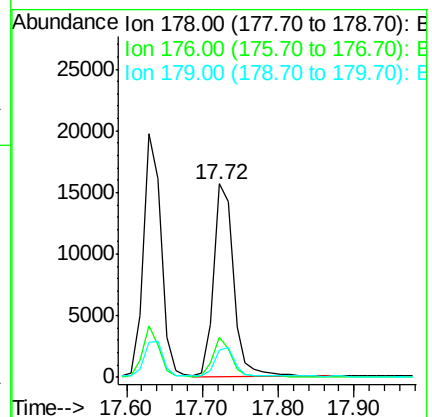
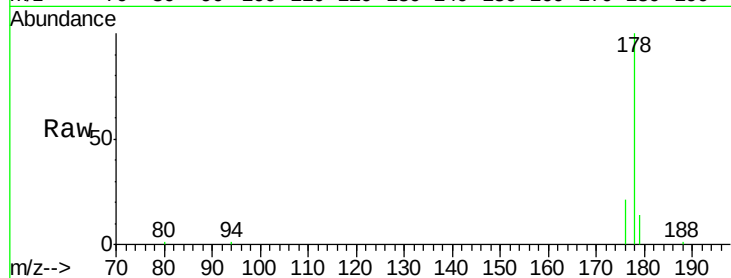
Tgt Ion:178 Resp: 28353

Ion Ratio Lower Upper

178 100

176 18.8 15.1 22.7

179 15.2 12.1 18.1



#30

Fluoranthene

Concen: 0.71 ng

RT: 19.65 min Scan# 984

Delta R.T. -0.00 min

Lab File: BE092002.D

Acq: 22 Jul 2016 11:34

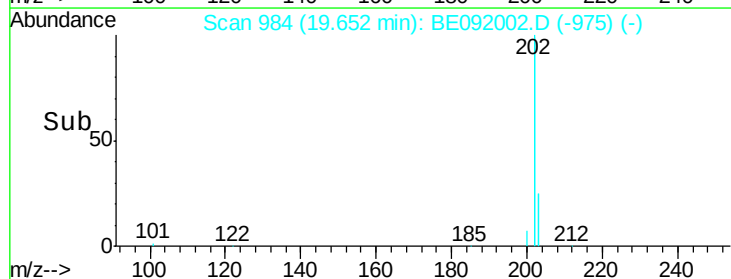
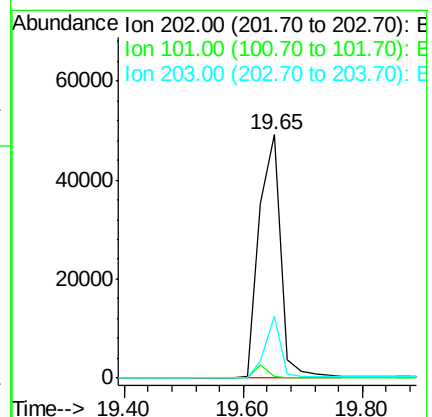
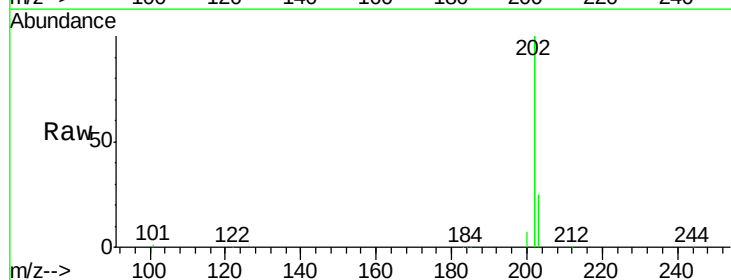
Tgt Ion:202 Resp: 122929

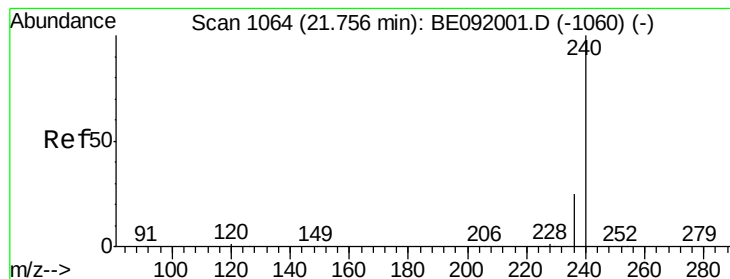
Ion Ratio Lower Upper

202 100

101 0.0 9.4 14.0#

203 18.7 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: BE092002.D

Acq: 22 Jul 2016 11:34

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

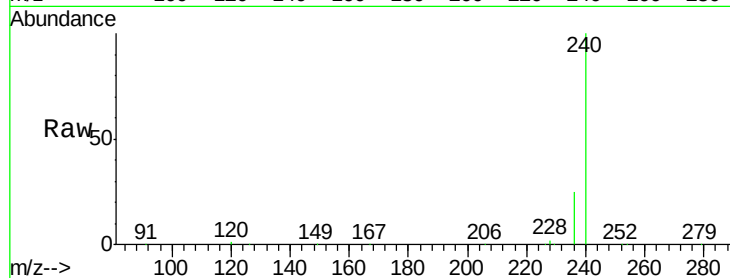
Tgt Ion:240 Resp: 241400

Ion Ratio Lower Upper

240 100

120 1.0 1.2 1.8#

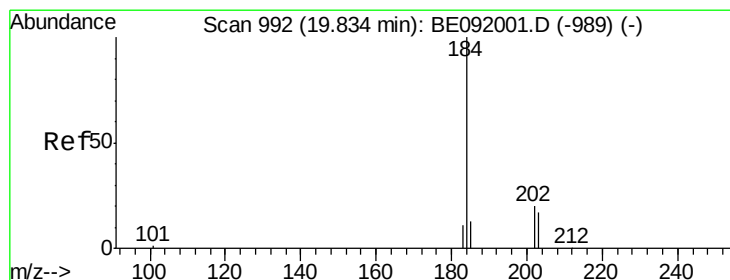
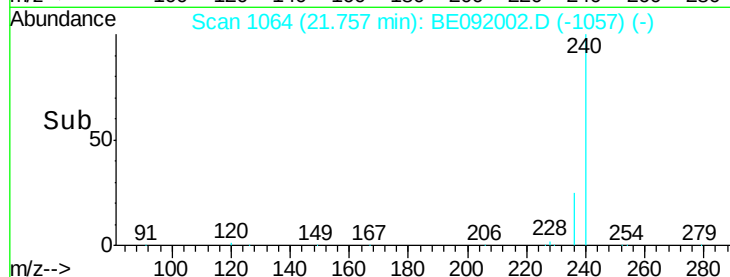
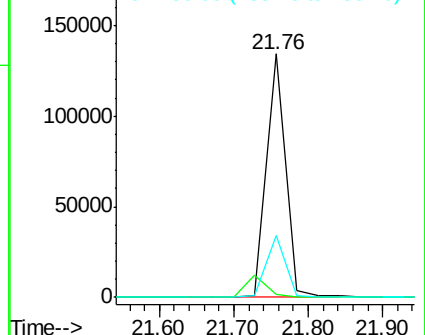
236 25.4 19.8 29.8



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: 0.37 ng

RT: 19.83 min Scan# 992

Delta R.T. -0.00 min

Lab File: BE092002.D

Acq: 22 Jul 2016 11:34

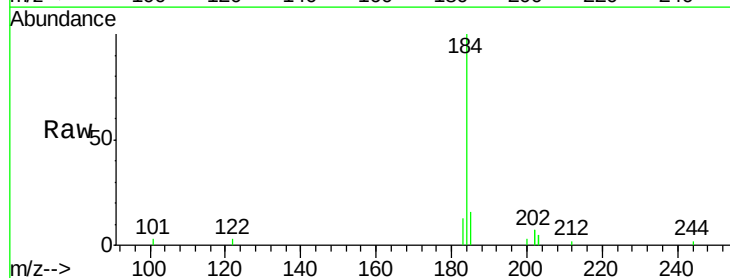
Tgt Ion:184 Resp: 5935

Ion Ratio Lower Upper

184 100

185 16.3 11.4 17.2

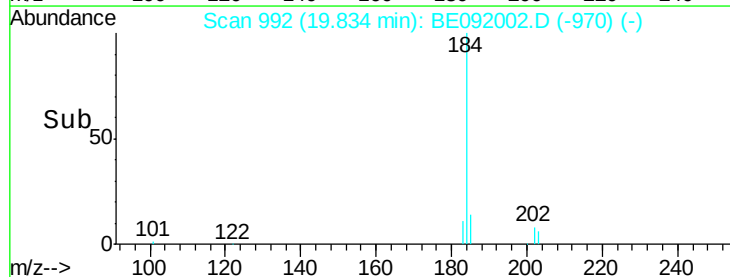
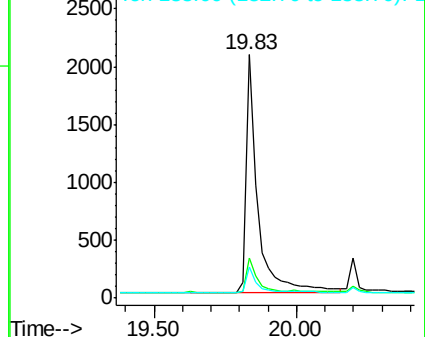
183 12.6 11.8 17.6

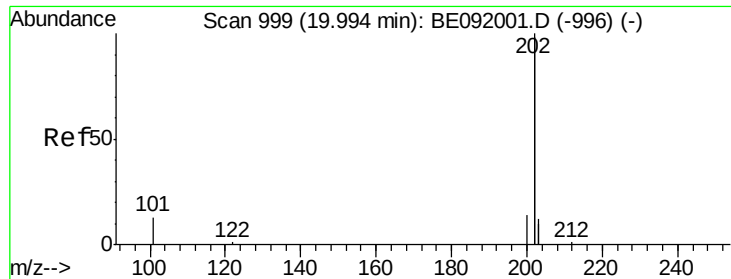


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

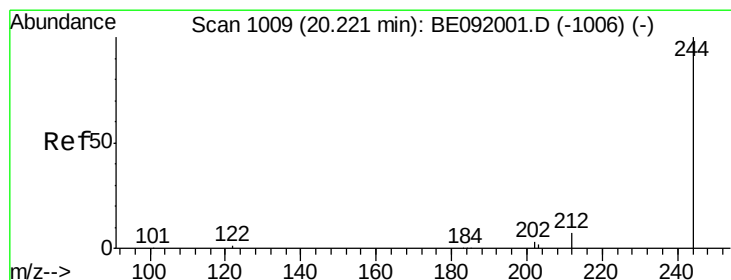
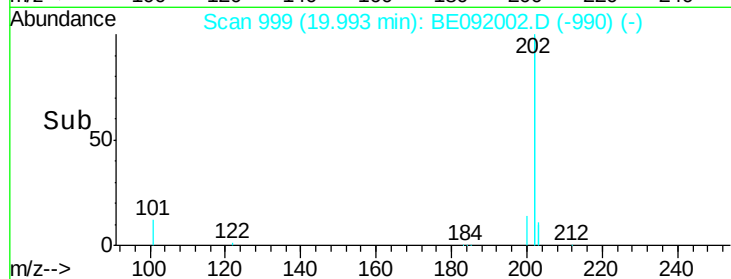
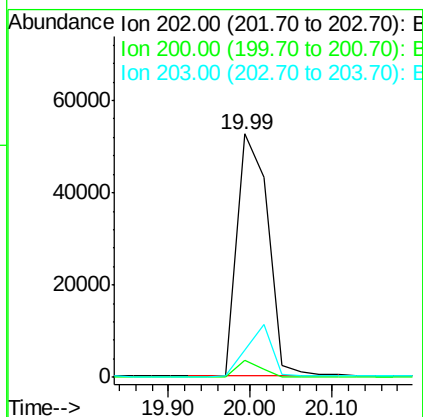
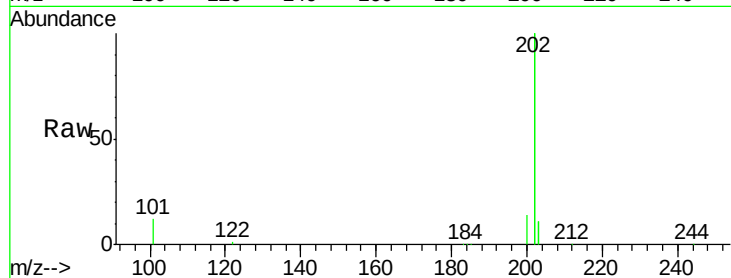




#33
Pyrene
Concen: 0.78 ng
RT: 19.99 min Scan# 999
Delta R.T. -0.00 min
Lab File: BE092002.D
Acq: 22 Jul 2016 11:34

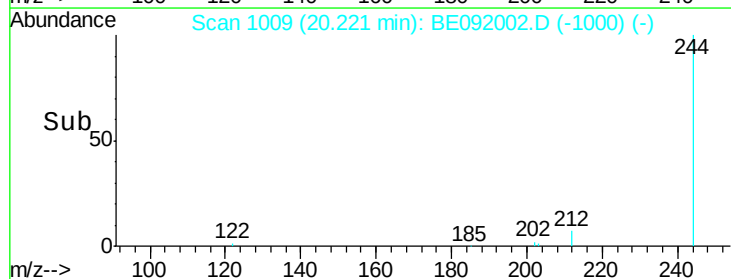
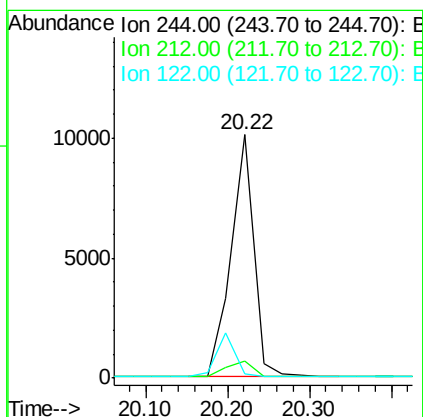
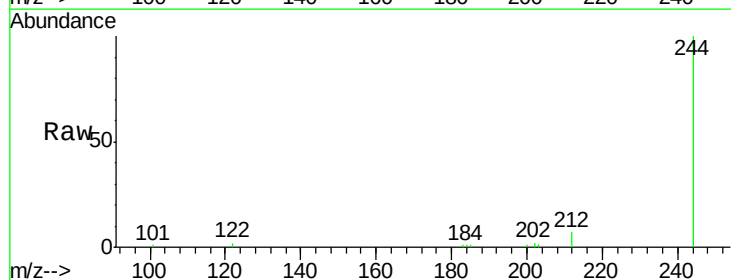
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

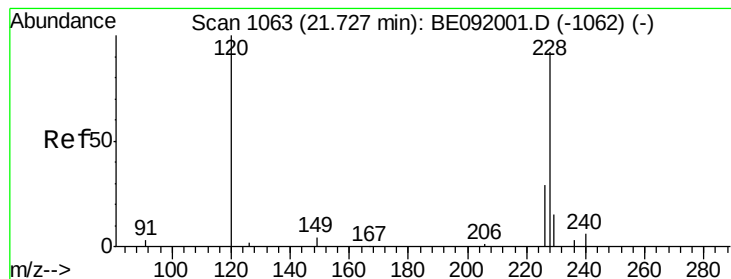
Tgt Ion:202 Resp: 136436
Ion Ratio Lower Upper
202 100
200 5.5 16.9 25.3#
203 0.0 14.1 21.1#



#34
Terphenyl-d14
Concen: 0.68 ng
RT: 20.22 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BE092002.D
Acq: 22 Jul 2016 11:34

Tgt Ion:244 Resp: 19450
Ion Ratio Lower Upper
244 100
212 7.1 6.5 9.7
122 1.5 2.9 4.3#





#35

Benzo(a)anthracene

Concen: 1.12 ng

RT: 21.73 min Scan# 1063

Delta R.T. 0.00 min

Lab File: BE092002.D

Acq: 22 Jul 2016 11:34

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

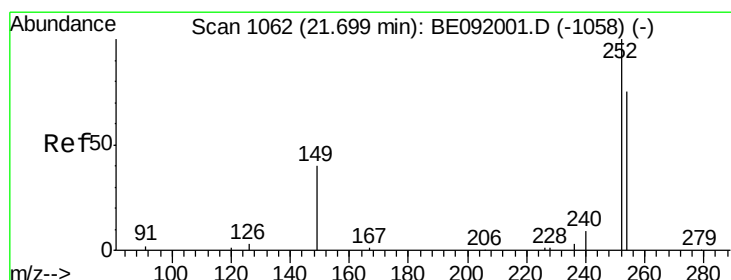
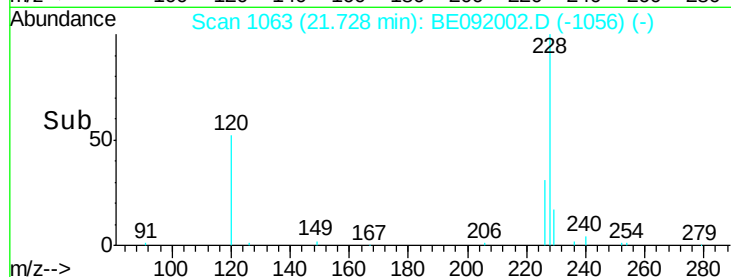
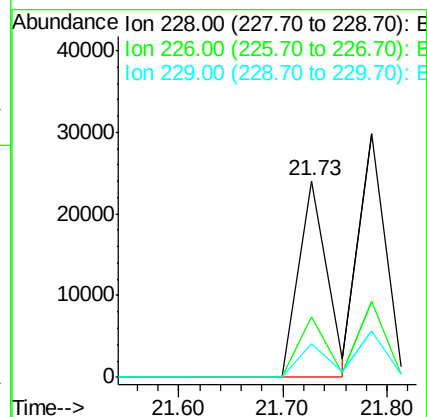
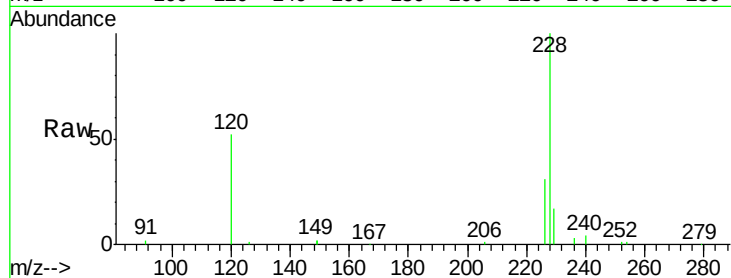
Tgt Ion:228 Resp: 45106

Ion Ratio Lower Upper

228 100

226 30.9 21.0 31.4

229 17.1 15.8 23.8



#36

3,3'-Dichlorobenzidine

Concen: 0.48 ng

RT: 21.70 min Scan# 1062

Delta R.T. 0.00 min

Lab File: BE092002.D

Acq: 22 Jul 2016 11:34

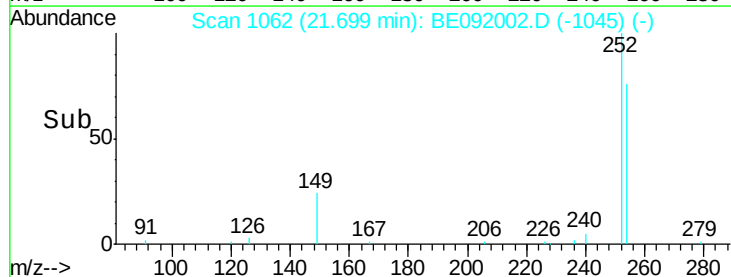
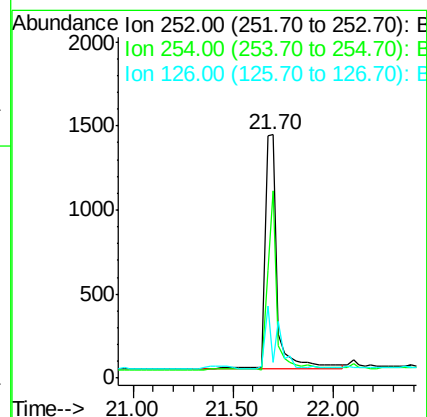
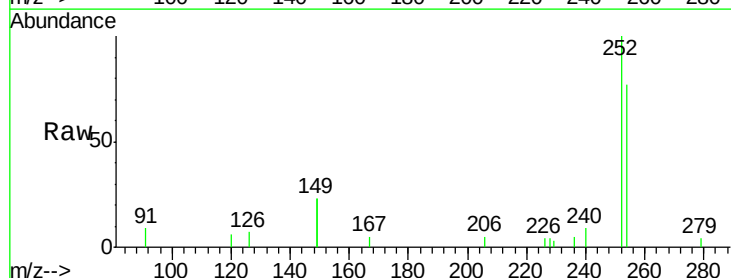
Tgt Ion:252 Resp: 5932

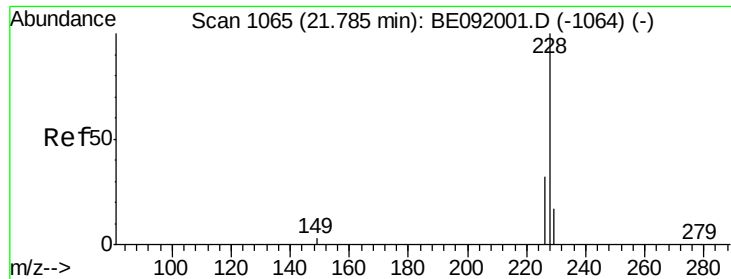
Ion Ratio Lower Upper

252 100

254 76.9 61.5 92.3

126 6.6 2.5 3.7#





#37

Chrysene

Concen: 0.79 ng

RT: 21.73 min Scan# 1063

Delta R.T. -0.06 min

Lab File: BE092002.D

Acq: 22 Jul 2016 11:34

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

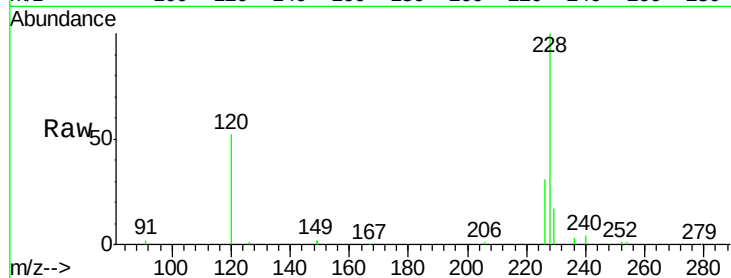
Tgt Ion:228 Resp: 45094

Ion Ratio Lower Upper

228 100

226 30.9 27.0 40.6

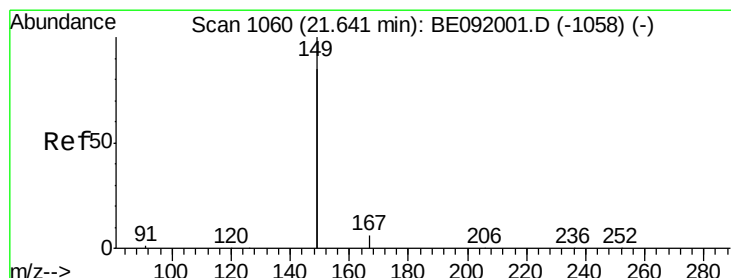
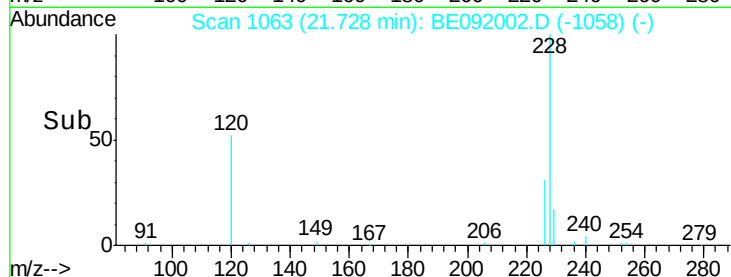
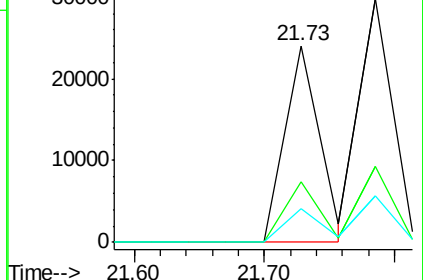
229 17.1 13.8 20.8



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: 0.71 ng

RT: 21.64 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BE092002.D

Acq: 22 Jul 2016 11:34

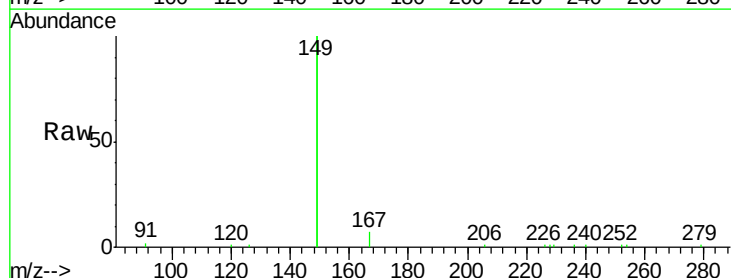
Tgt Ion:149 Resp: 33025

Ion Ratio Lower Upper

149 100

167 4.9 0.0 0.0#

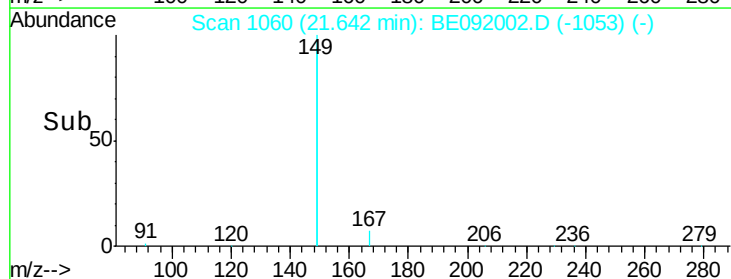
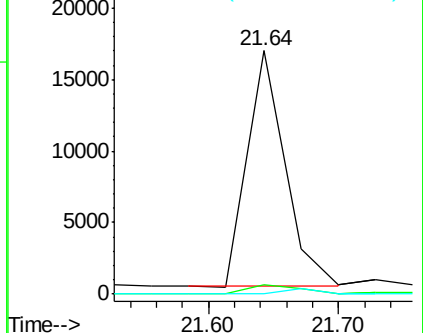
279 0.0 0.0 0.0

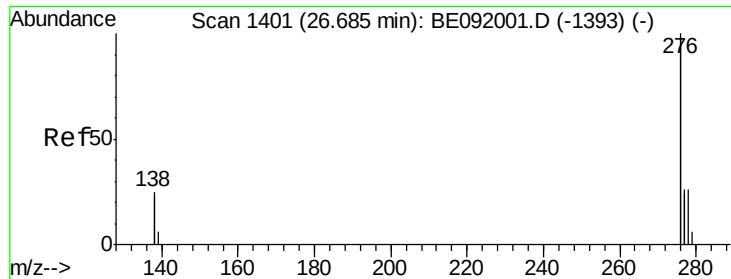


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

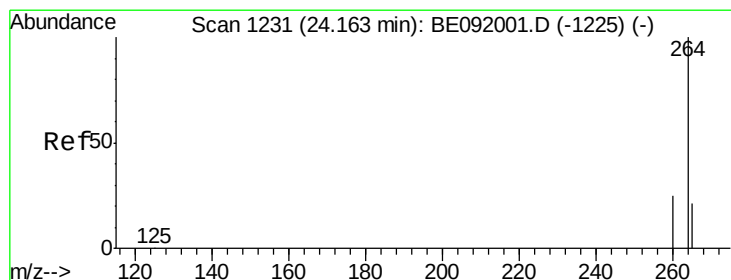
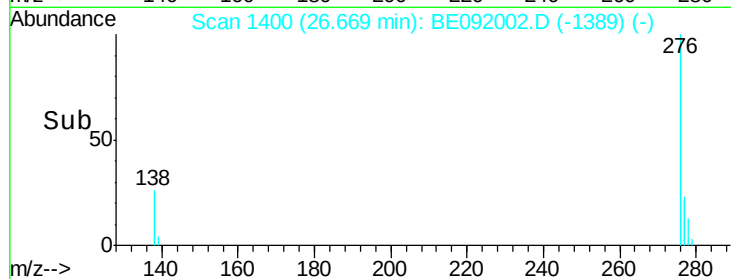
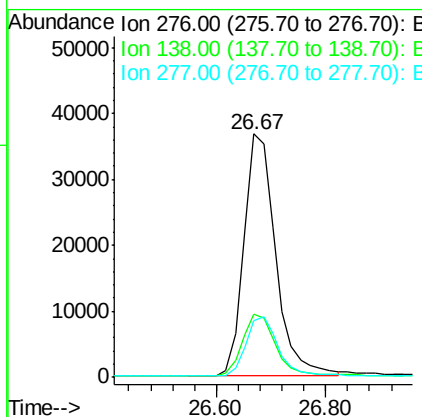
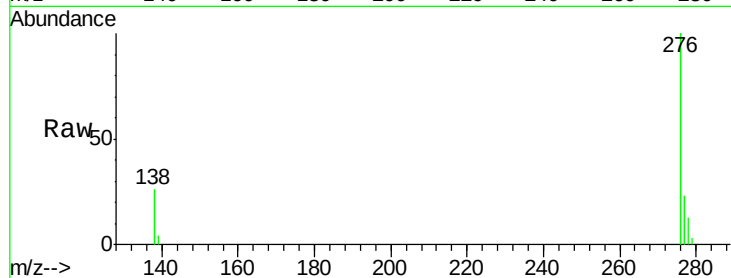




#39
 Indeno(1,2,3-cd)pyrene
 Concen: 0.66 ng
 RT: 26.67 min Scan# 1400
 Delta R.T. -0.02 min
 Lab File: BE092002.D
 Acq: 22 Jul 2016 11:34

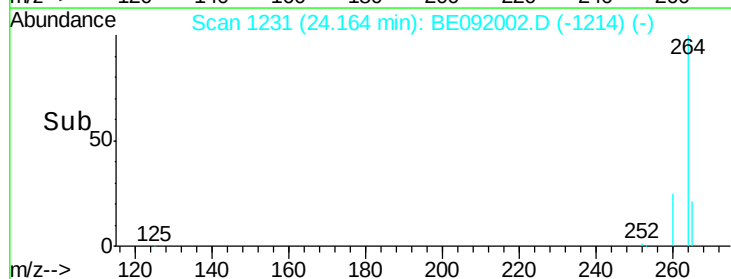
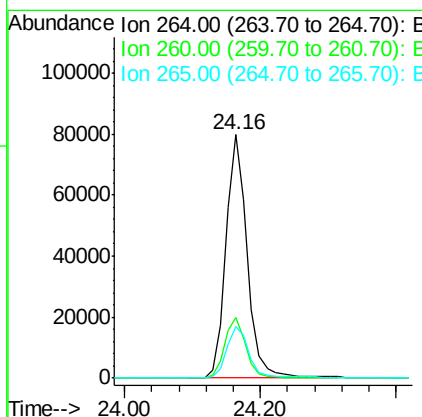
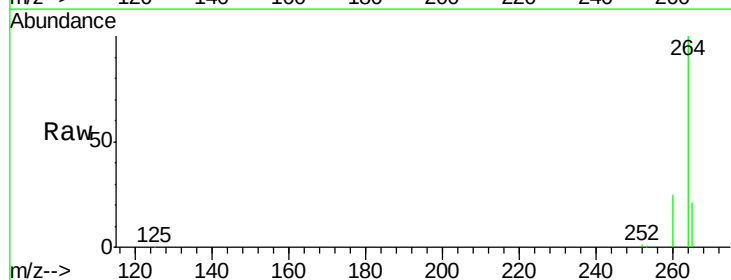
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.8

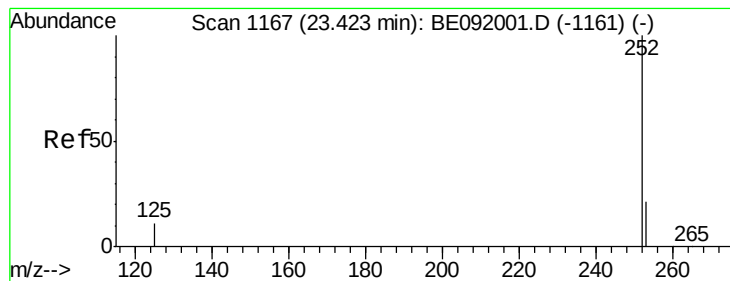
Tgt Ion: 276 Resp: 148326
 Ion Ratio Lower Upper
 276 100
 138 26.3 19.7 29.5
 277 24.7 20.1 30.1



#40
 Perylene-d12
 Concen: 5.00 ng
 RT: 24.16 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BE092002.D
 Acq: 22 Jul 2016 11:34

Tgt Ion: 264 Resp: 175633
 Ion Ratio Lower Upper
 264 100
 260 25.0 20.3 30.5
 265 21.5 17.6 26.4





#41

Benzo(b)fluoranthene

Concen: 0.74 ng

RT: 23.42 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BE092002.D

Acq: 22 Jul 2016 11:34

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

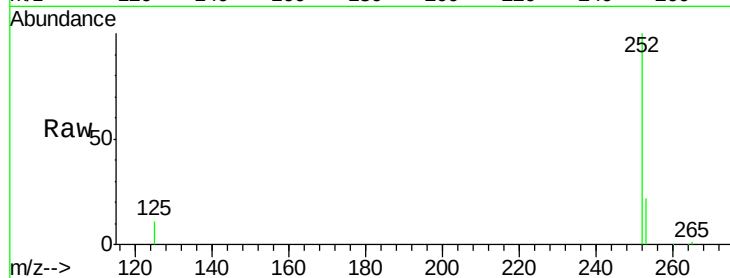
Tgt Ion:252 Resp: 35720

Ion Ratio Lower Upper

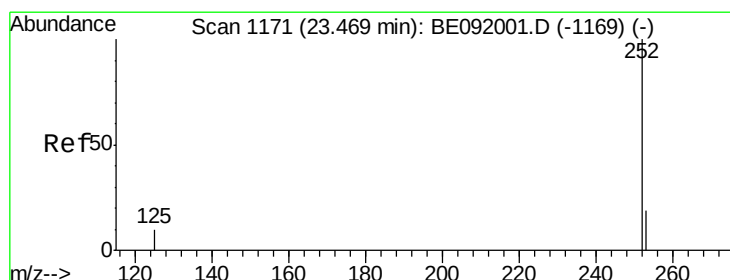
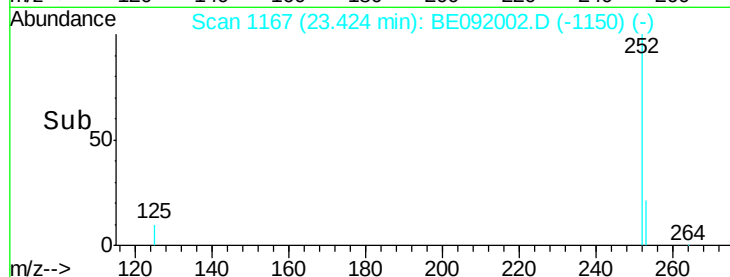
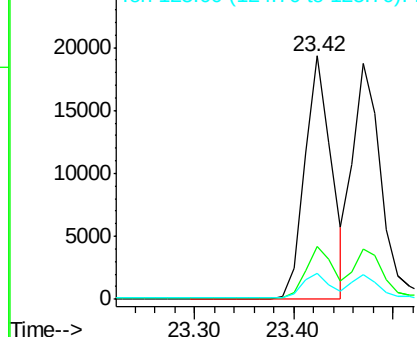
252 100

253 21.9 17.8 26.6

125 10.5 9.4 14.2



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



#42

Benzo(k)fluoranthene

Concen: 0.79 ng

RT: 23.47 min Scan# 1171

Delta R.T. 0.00 min

Lab File: BE092002.D

Acq: 22 Jul 2016 11:34

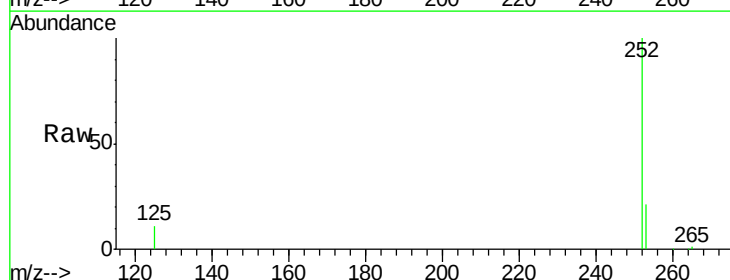
Tgt Ion:252 Resp: 36945

Ion Ratio Lower Upper

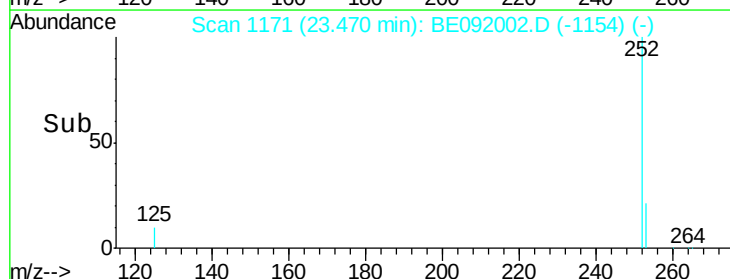
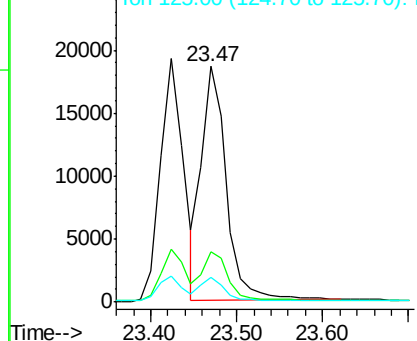
252 100

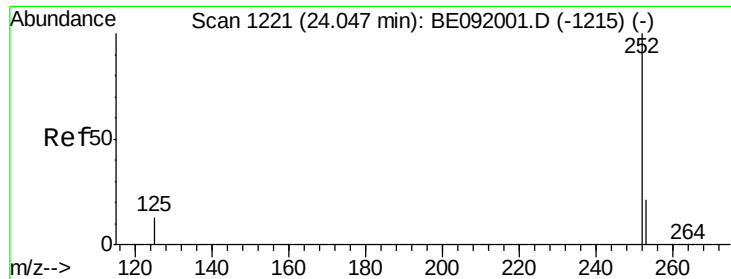
253 21.4 19.4 29.2

125 10.7 8.3 12.5



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





#43

Benzo(a)pyrene

Concen: 0.73 ng

RT: 24.05 min Scan# 1221

Delta R.T. 0.00 min

Lab File: BE092002.D

Acq: 22 Jul 2016 11:34

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

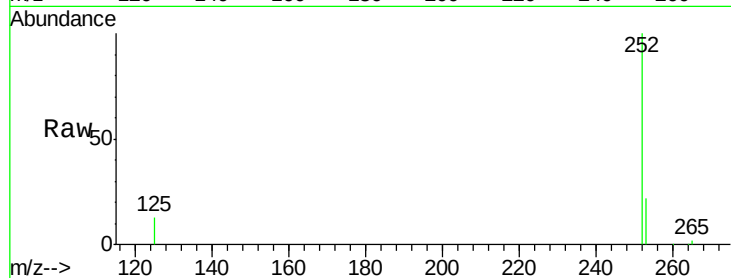
Tgt Ion: 252 Resp: 33220

Ion Ratio Lower Upper

252 100

253 21.7 18.9 28.3

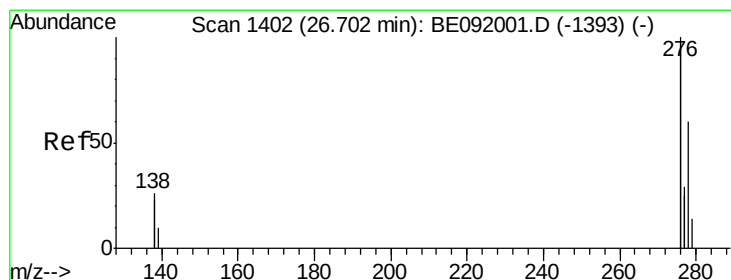
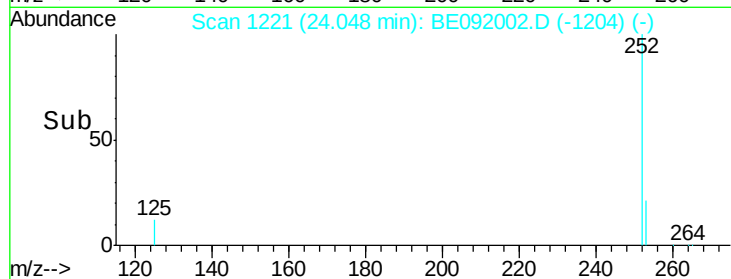
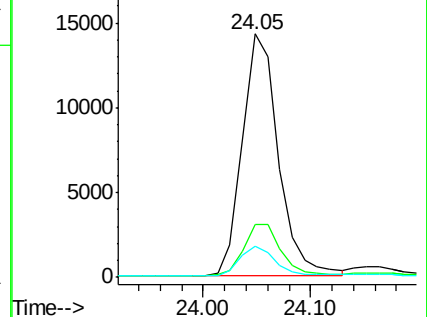
125 12.9 10.5 15.7



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: 0.69 ng

RT: 26.70 min Scan# 1402

Delta R.T. 0.00 min

Lab File: BE092002.D

Acq: 22 Jul 2016 11:34

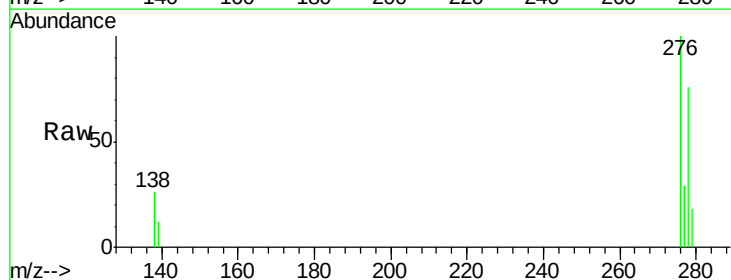
Tgt Ion: 278 Resp: 29949

Ion Ratio Lower Upper

278 100

139 15.6 12.6 18.8

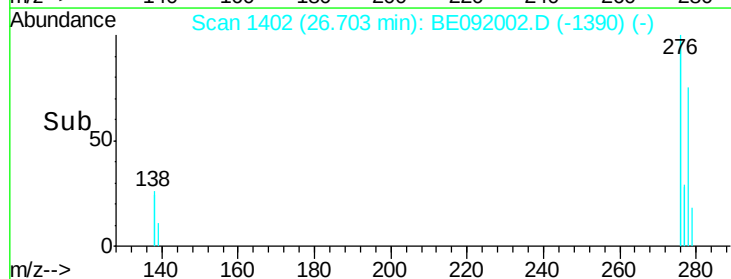
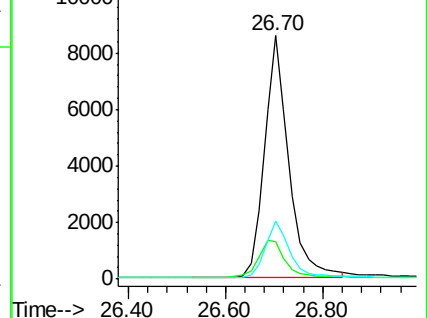
279 23.9 20.0 30.0

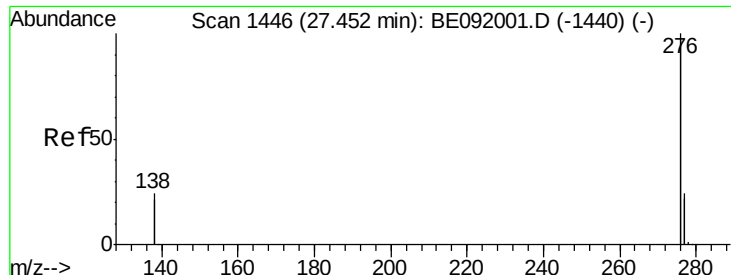


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.69 ng

RT: 27.45 min Scan# 1446

Delta R.T. 0.00 min

Lab File: BE092002.D

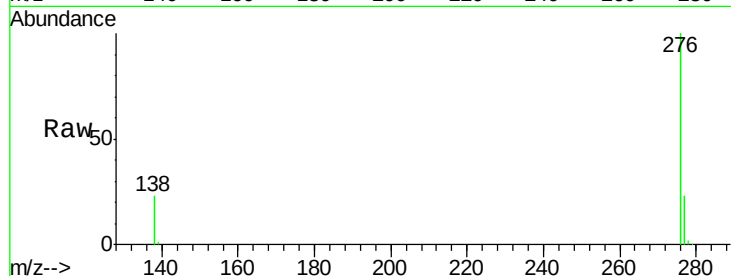
Acq: 22 Jul 2016 11:34

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.8



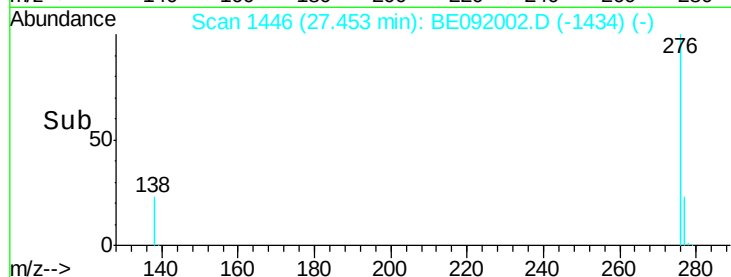
Tgt Ion: 276 Resp: 121580

Ion Ratio Lower Upper

276 100

277 23.3 19.5 29.3

138 23.0 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

