

Data Path : Z:\HPCHEM1\BNA_E\Data\BE072716\
 Data File : BE092057.D
 Acq On : 27 Jul 2016 15:11
 Operator : UM/SJ
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

Quant Time: Jul 27 18:01:34 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 27 17:13:26 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	9616	5.00	ng	-0.02
8) Naphthalene-d8	10.99	136	43138	5.00	ng	0.00
15) Acenaphthene-d10	14.86	164	19079	5.00	ng	0.00
24) Phenanthrene-d10	17.59	188	61808	5.00	ng	0.01
31) Chrysene-d12	21.76	240	53863	5.00	ng	0.00
40) Perylene-d12	24.15	264	66247	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.72	112	230	0.11	ng	0.00
5) Phenol-d6	7.37	99	306	0.11	ng	0.02
9) Nitrobenzene-d5	9.38	82	356	0.11	ng	0.02
16) 2,4,6-Tribromophenol	16.35	330	57	0.25	ng	0.00
17) 2-Fluorobiphenyl	13.49	172	894	0.12	ng	0.01
34) Terphenyl-d14	20.22	244	1276	0.13	ng	0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.46	88	165	0.12	ng	# 90
3) n-Nitrosodimethylamine	3.84	42	132	0.08	ng	# 94
6) bis(2-Chloroethyl)ether	7.61	93	275	0.10	ng	# 93
7) n-Nitroso-di-n-propylamine	9.02	70	202	0.09	ng	# 76
10) Nitrobenzene	9.42	77	257	0.08	ng	# 96
11) bis(2-Chloroethoxy)methane	10.47	93	338	0.09	ng	# 92
12) Naphthalene	11.04	128	1118	0.12	ng	# 87
13) Hexachlorobutadiene	11.32	225	166	0.12	ng	# 94
14) 2-Methylnaphthalene	12.69	142	661	0.11	ng	# 85
18) Acenaphthylene	14.56	152	5141	0.10	ng	# 100
19) 2,6-Dinitrotoluene	14.44	165	1418	0.37	ng	# 100
20) Acenaphthene	14.92	154	698	0.13	ng	# 1
21) 2,4-Dinitrotoluene	15.25	165	2890	0.54	ng	# 1
22) Fluorene	15.90	166	895	0.11	ng	# 98
23) 4-Chlorophenyl-phenylether	15.90	204	471	0.12	ng	# 95
25) 4-Bromophenyl-phenylether	16.78	248	280	0.11	ng	# 98
26) Hexachlorobenzene	16.90	284	301	0.11	ng	# 96
28) Phenanthrene	17.63	178	1855	0.12	ng	# 98
29) Anthracene	17.72	178	1521	0.11	ng	# 99
30) Fluoranthene	19.63	202	7312	0.10	ng	# 67
32) Benzydine	19.86	184	281	0.10	ng	# 57
33) Pyrene	19.99	202	8258	0.12	ng	# 99
35) Benzo(a)anthracene	21.79	228	7571	0.31	ng	# 95
36) 3,3'-Dichlorobenzidine	21.67	252	383	0.31	ng	# 82
37) Chrysene	21.79	228	7729	0.25	ng	# 96
38) Bis(2-ethylhexyl)phthalate	21.64	149	7763	0.22	ng	# 97
39) Indeno(1,2,3-cd)pyrene	26.67	276	7253	0.11	ng	# 99
41) Benzo(b)fluoranthene	23.41	252	2832	0.11	ng	# 94
42) Benzo(k)fluoranthene	23.47	252	3232	0.13	ng	# 94
43) Benzo(a)pyrene	24.04	252	2037	0.12	ng	# 92
44) Dibenzo(a,h)anthracene	26.70	278	1442	0.10	ng	# 84
45) Benzo(g,h,i)perylene	27.45	276	6475	0.11	ng	# 87

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 27 17:13:26 2016
Response via : Initial Calibration

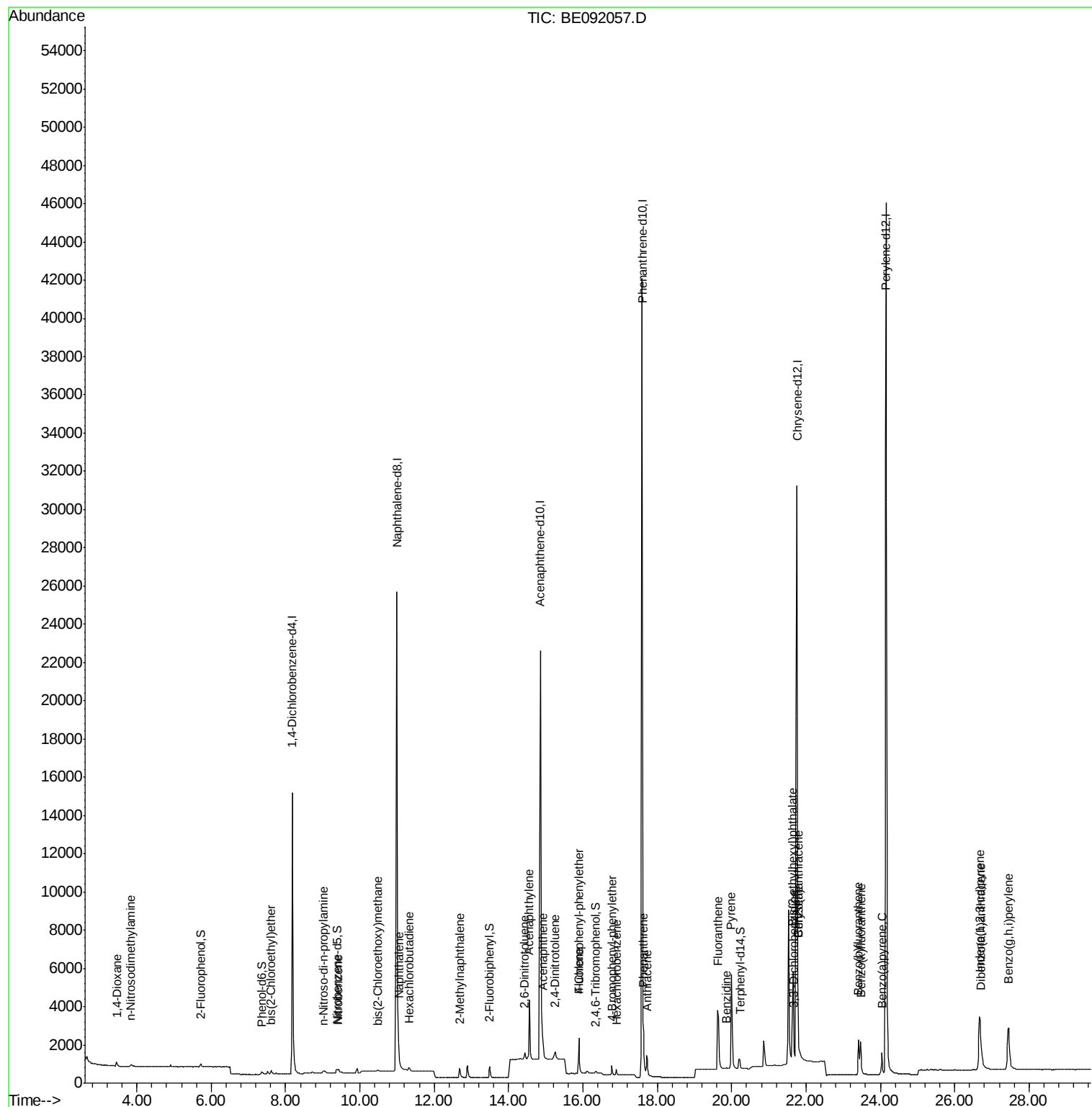
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

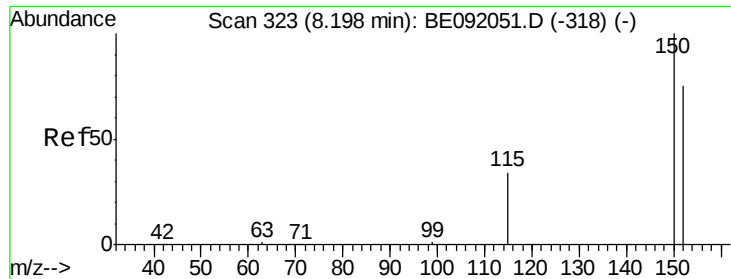
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.18 min Scan# 322

Delta R.T. -0.02 min

Lab File: BE092057.D

Acq: 27 Jul 2016 15:11

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

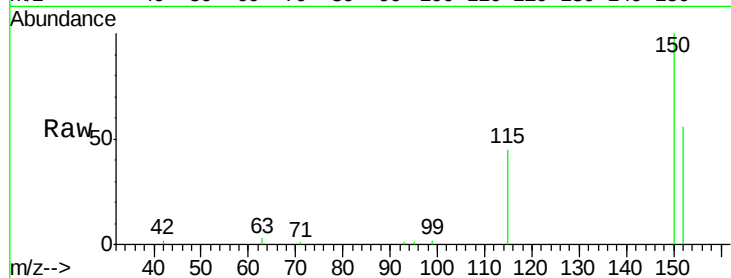
Tgt Ion: 152 Resp: 9616

Ion Ratio Lower Upper

152 100

150 179.8 106.0 159.0#

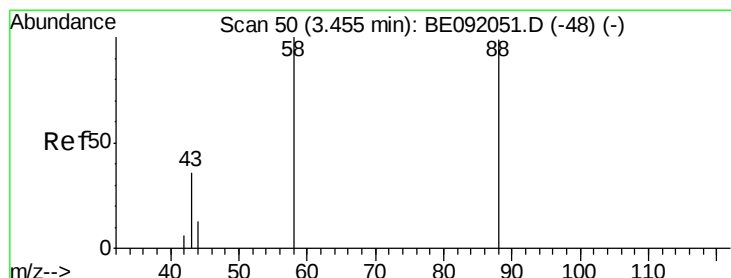
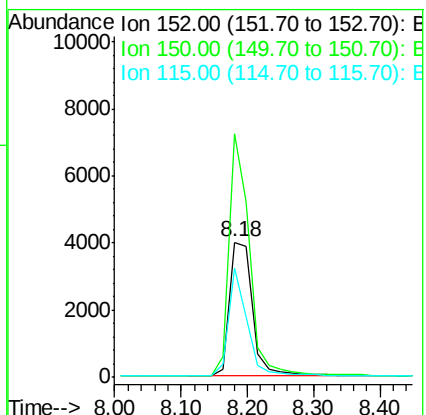
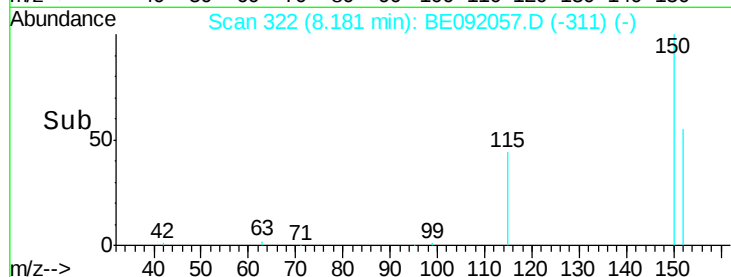
115 80.4 36.9 55.3#



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: 0.12 ng

RT: 3.46 min Scan# 50

Delta R.T. 0.00 min

Lab File: BE092057.D

Acq: 27 Jul 2016 15:11

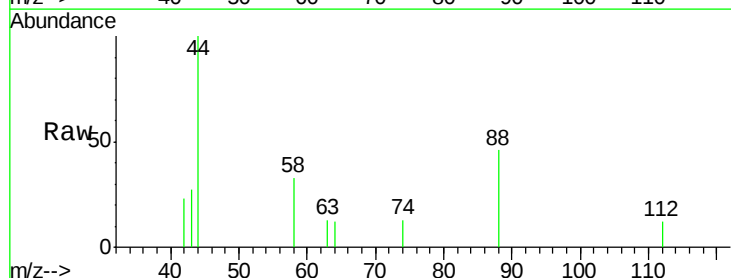
Tgt Ion: 88 Resp: 165

Ion Ratio Lower Upper

88 100

58 82.4 62.1 93.1

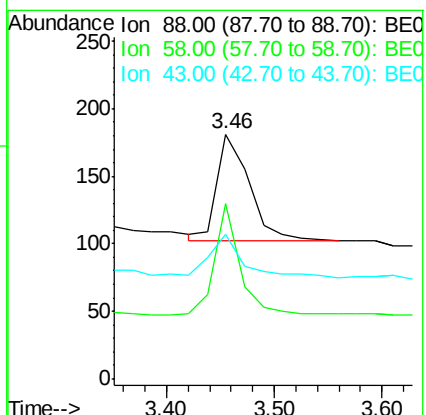
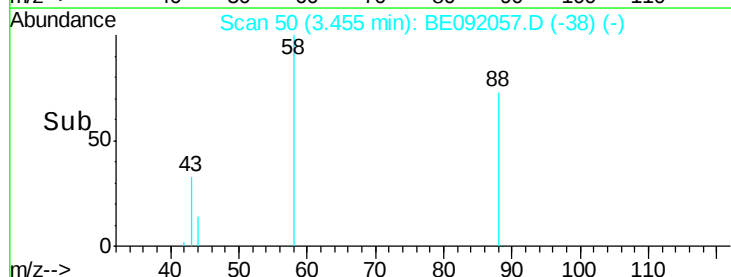
43 45.5 27.2 40.8#

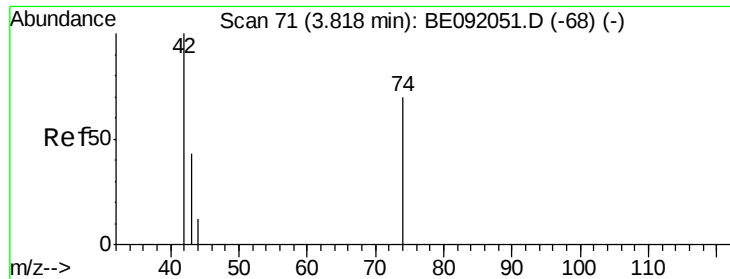


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.08 ng

RT: 3.84 min Scan# 72

Delta R.T. 0.02 min

Lab File: BE092057.D

Acq: 27 Jul 2016 15:11

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

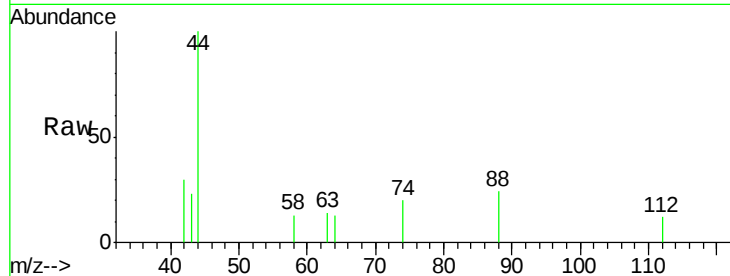
Tgt Ion: 42 Resp: 132

Ion Ratio Lower Upper

42 100

74 106.1 82.8 124.2

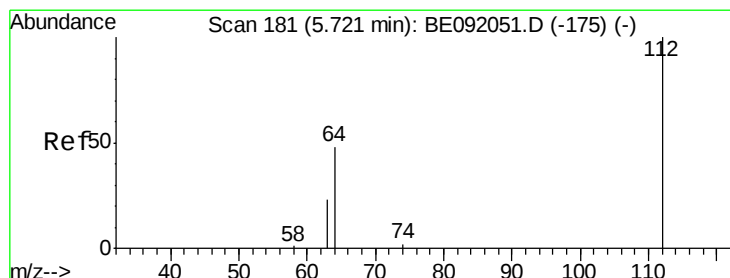
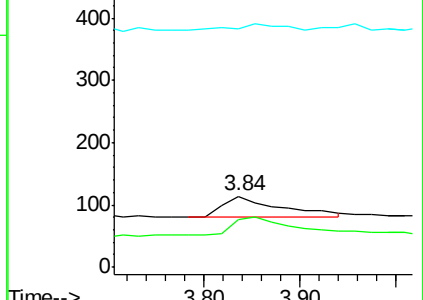
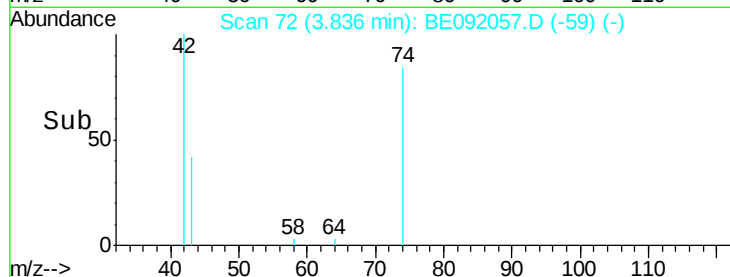
44 25.0 9.0 13.4#



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: 0.11 ng

RT: 5.72 min Scan# 181

Delta R.T. 0.00 min

Lab File: BE092057.D

Acq: 27 Jul 2016 15:11

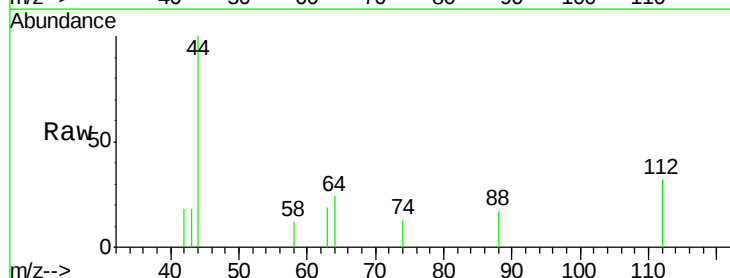
Tgt Ion: 112 Resp: 230

Ion Ratio Lower Upper

112 100

64 67.0 55.9 83.9

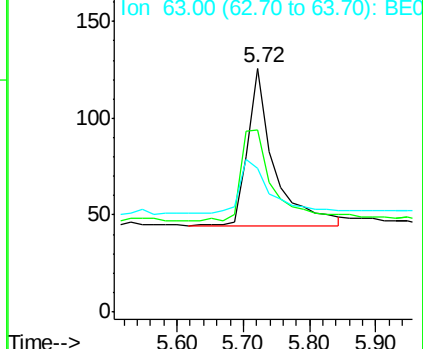
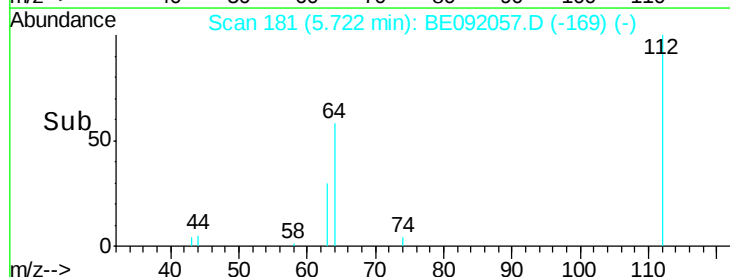
63 37.8 31.1 46.7

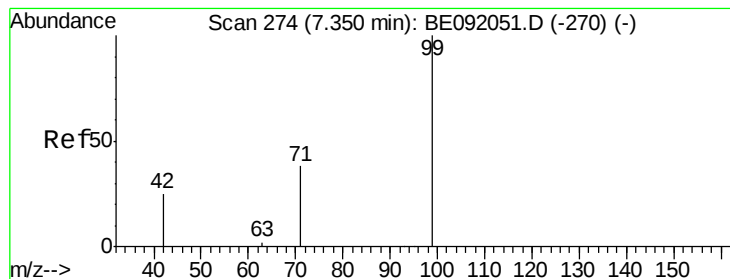


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.11 ng

RT: 7.37 min Scan# 275

Delta R.T. 0.02 min

Lab File: BE092057.D

Acq: 27 Jul 2016 15:11

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

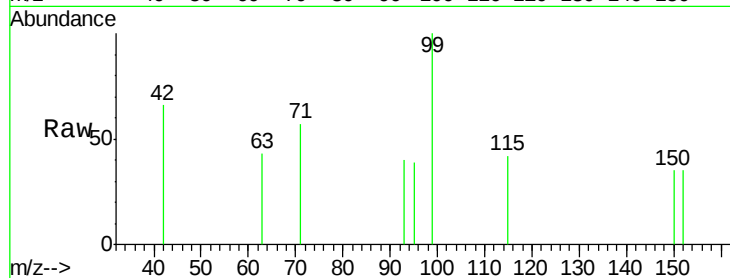
Tgt Ion: 99 Resp: 306

Ion Ratio Lower Upper

99 100

42 27.5 22.4 33.6

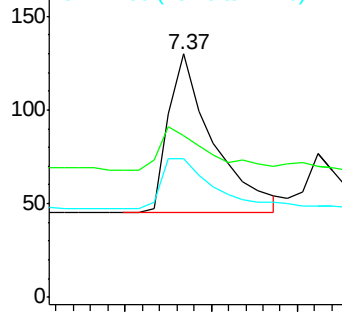
71 35.6 28.9 43.3



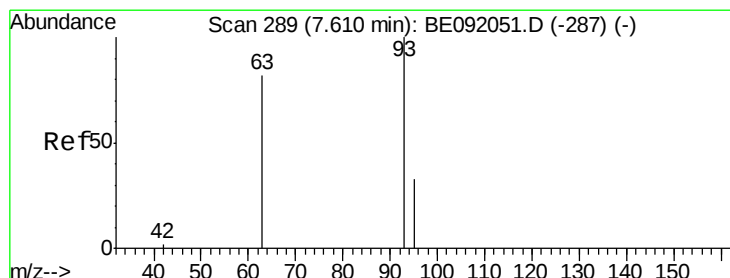
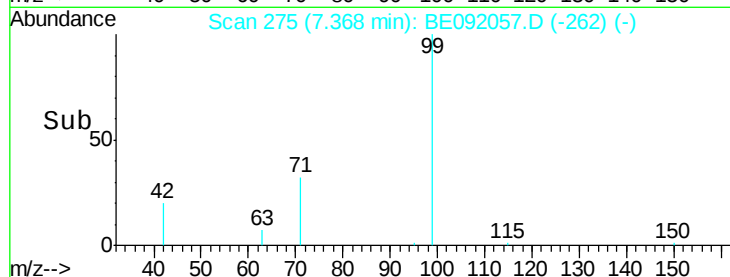
Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 0.10 ng

RT: 7.61 min Scan# 289

Delta R.T. 0.00 min

Lab File: BE092057.D

Acq: 27 Jul 2016 15:11

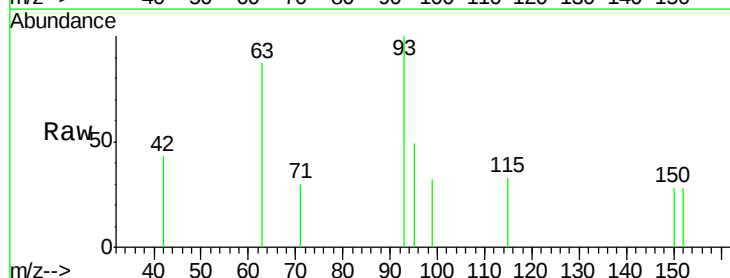
Tgt Ion: 93 Resp: 275

Ion Ratio Lower Upper

93 100

63 87.3 64.4 96.6

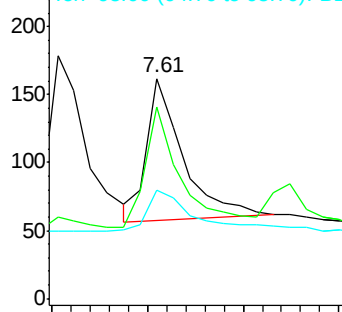
95 35.3 25.8 38.8



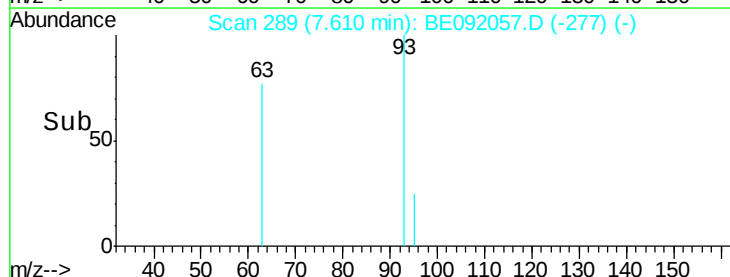
Abundance Ion 93.00 (92.70 to 93.70): BE0

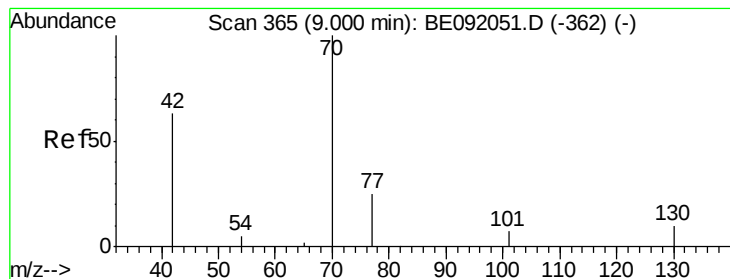
Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time-->





#7

n-Nitroso-di-n-propylamine

Concen: 0.09 ng

RT: 9.02 min Scan# 366

Delta R.T. 0.02 min

Lab File: BE092057.D

Acq: 27 Jul 2016 15:11

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

Tgt Ion: 70 Resp: 202

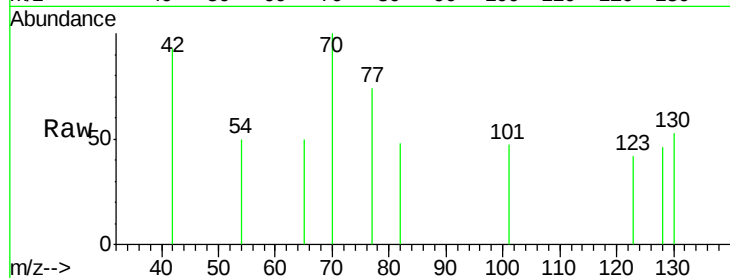
Ion Ratio Lower Upper

70 100

42 93.1 60.2 90.4#

101 0.0 6.8 10.2#

130 0.0 13.3 19.9#

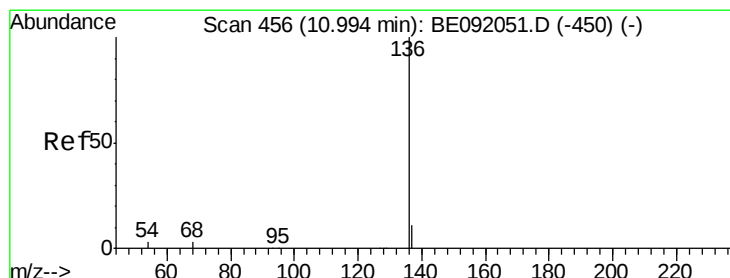
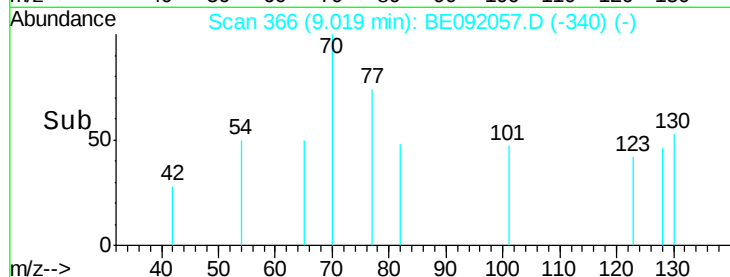
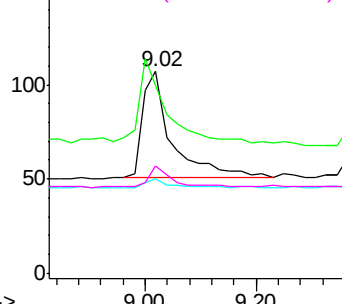


Abundance Ion 70.00 (69.70 to 70.70): BE0

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: BE092057.D

Acq: 27 Jul 2016 15:11

Tgt Ion: 136 Resp: 43138

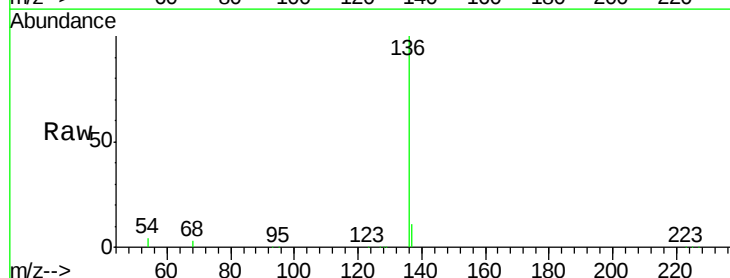
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 3.7 2.7 4.1

68 2.9 2.2 3.4

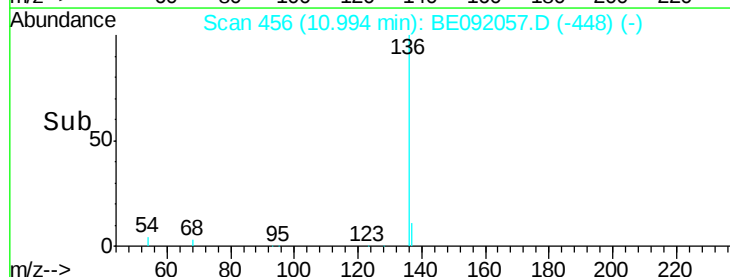
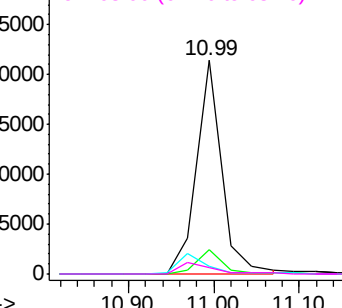


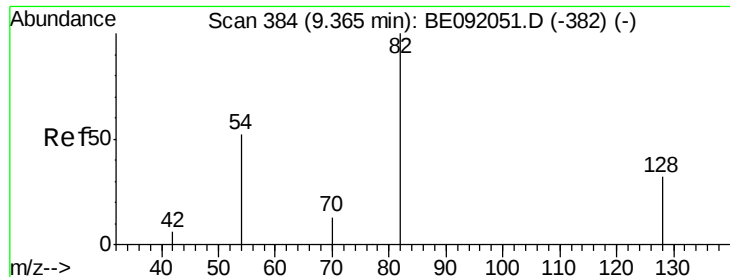
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.11 ng

RT: 9.38 min Scan# 385

Delta R.T. 0.02 min

Lab File: BE092057.D

Acq: 27 Jul 2016 15:11

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

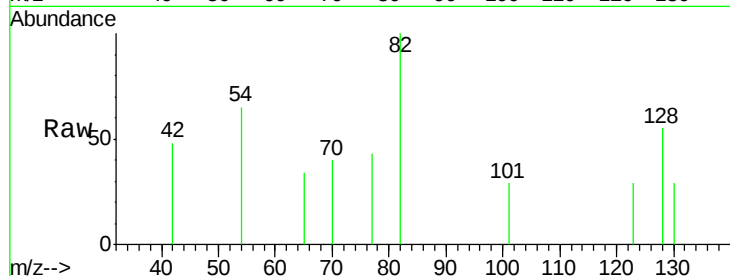
Tgt Ion: 82 Resp: 356

Ion Ratio Lower Upper

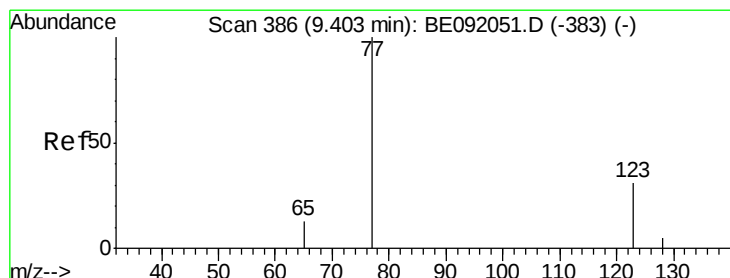
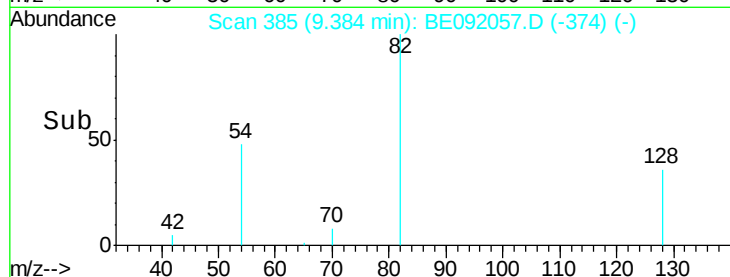
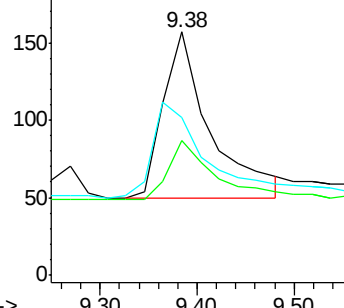
82 100

128 55.4 33.0 49.4#

54 65.0 42.6 63.8#



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: 0.08 ng

RT: 9.42 min Scan# 387

Delta R.T. 0.02 min

Lab File: BE092057.D

Acq: 27 Jul 2016 15:11

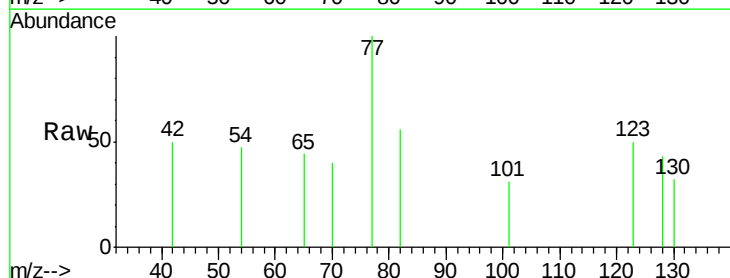
Tgt Ion: 77 Resp: 257

Ion Ratio Lower Upper

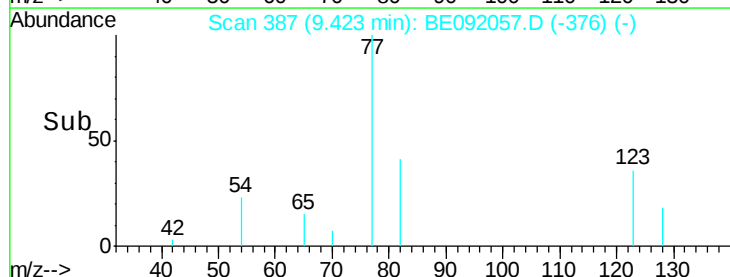
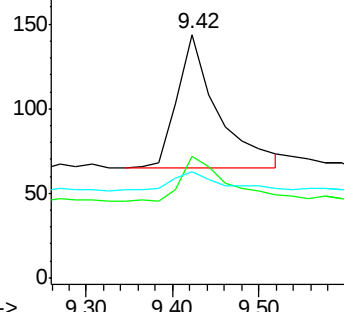
77 100

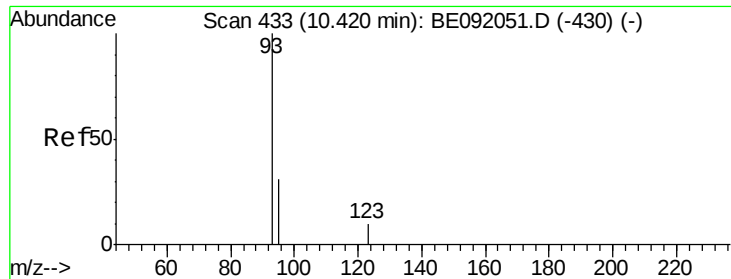
123 38.1 29.9 44.9

65 18.7 11.4 17.0#



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

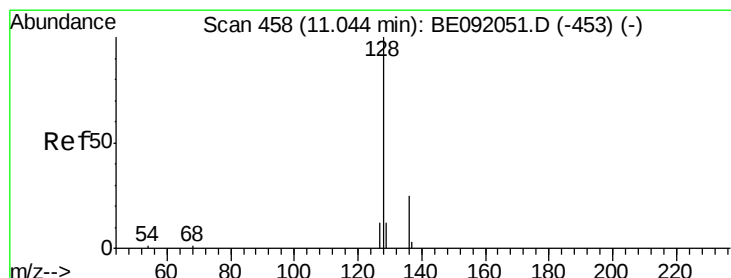
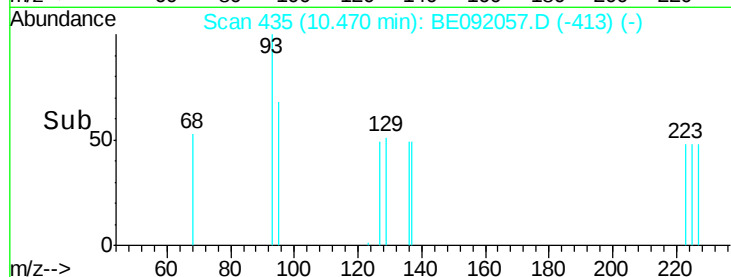
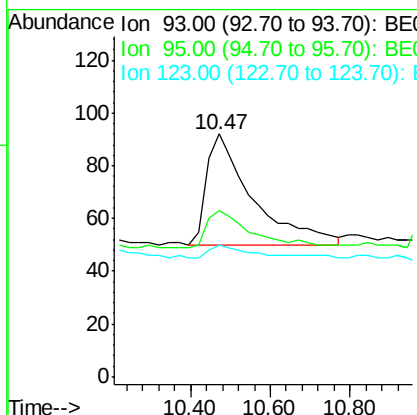
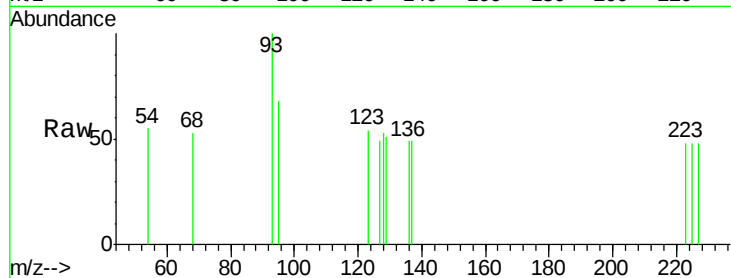




#11
bis(2-Chloroethoxy)methane
Concen: 0.09 ng
RT: 10.47 min Scan# 435
Delta R.T. 0.05 min
Lab File: BE092057.D
Acq: 27 Jul 2016 15:11

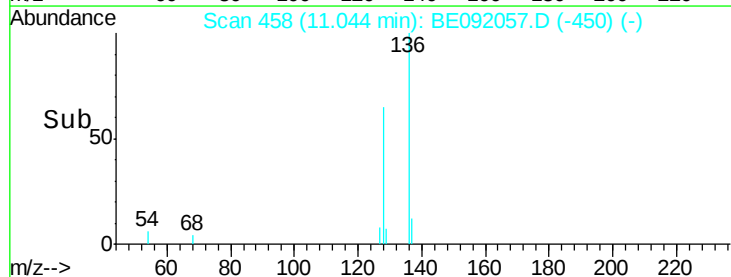
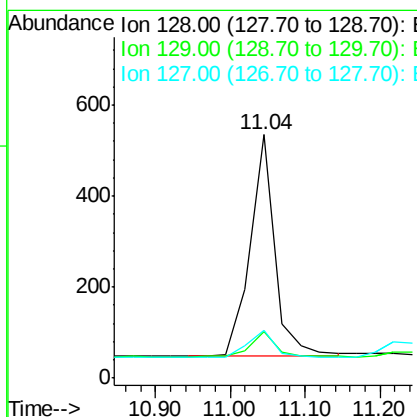
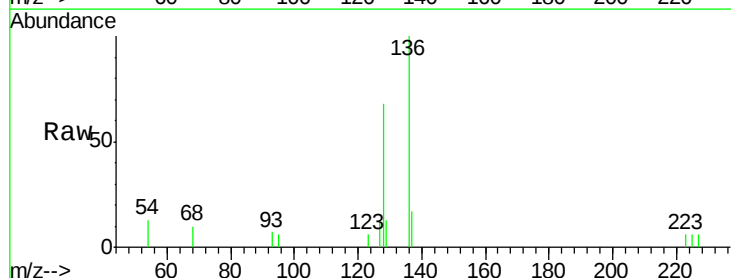
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

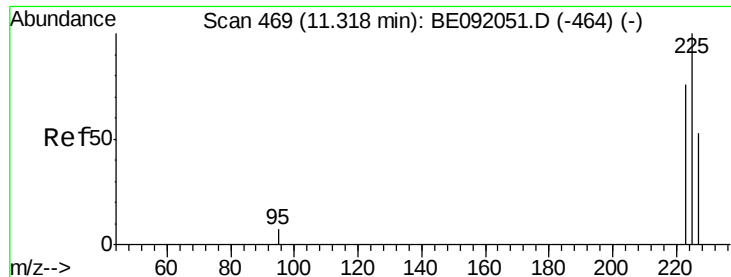
Tgt Ion: 93 Resp: 338
Ion Ratio Lower Upper
93 100
95 26.6 25.0 37.6
123 11.5 7.8 11.8



#12
Naphthalene
Concen: 0.12 ng
RT: 11.04 min Scan# 458
Delta R.T. 0.00 min
Lab File: BE092057.D
Acq: 27 Jul 2016 15:11

Tgt Ion: 128 Resp: 1118
Ion Ratio Lower Upper
128 100
129 19.3 11.1 16.7#
127 19.4 11.3 16.9#

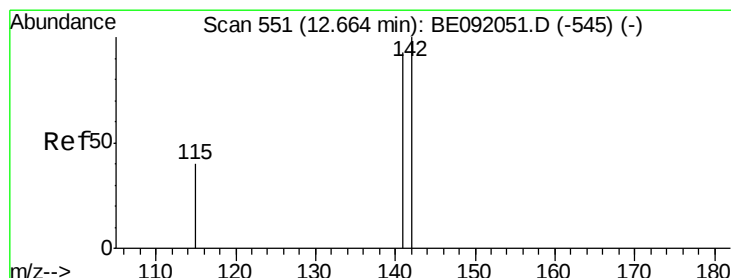
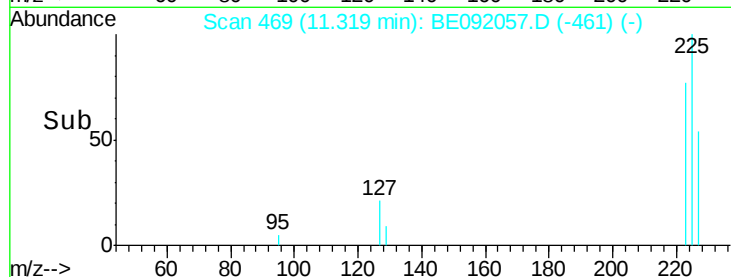
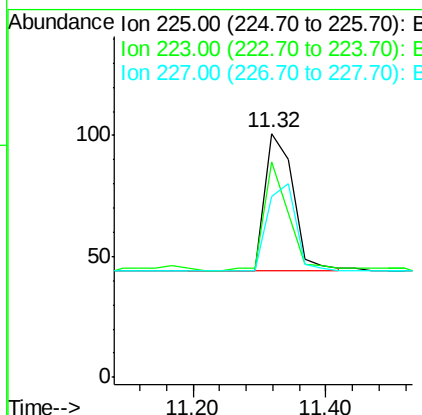
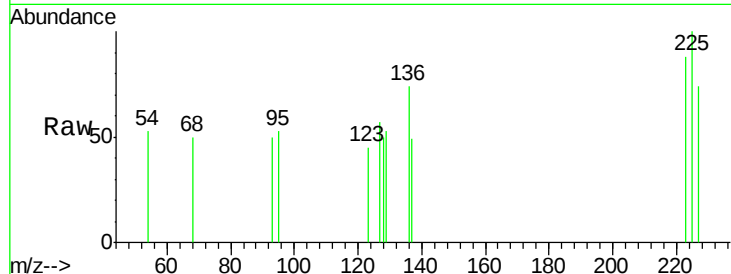




#13
Hexachlorobutadiene
Concen: 0.12 ng
RT: 11.32 min Scan# 469
Delta R.T. 0.00 min
Lab File: BE092057.D
Acq: 27 Jul 2016 15:11

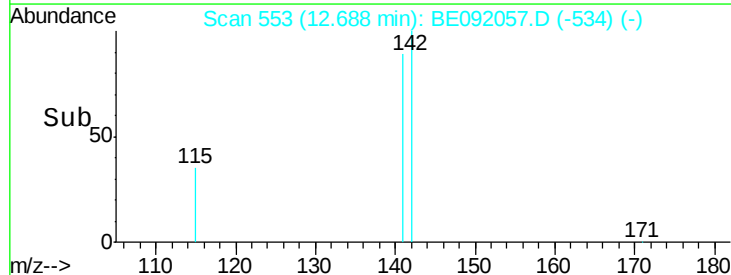
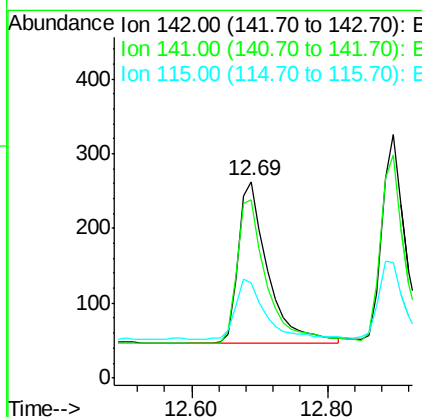
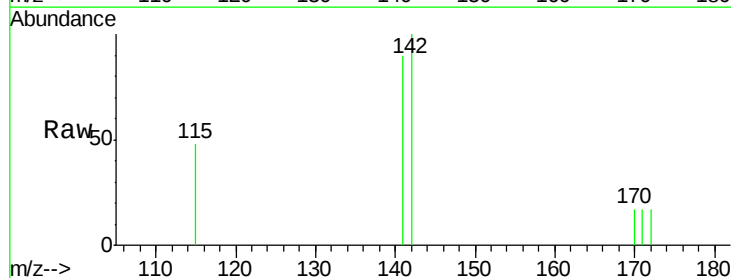
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

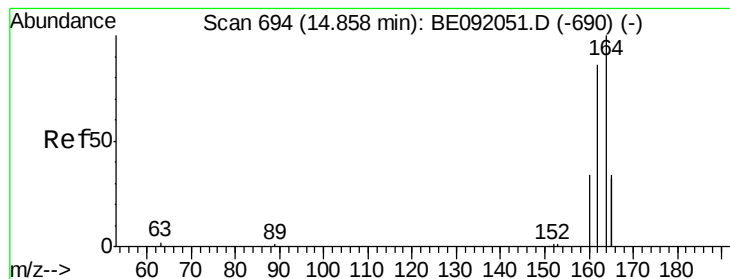
Tgt Ion: 225 Resp: 166
Ion Ratio Lower Upper
225 100
223 69.3 51.9 77.9
227 0.0 0.0 0.0



#14
2-Methylnaphthalene
Concen: 0.11 ng
RT: 12.69 min Scan# 553
Delta R.T. 0.02 min
Lab File: BE092057.D
Acq: 27 Jul 2016 15:11

Tgt Ion: 142 Resp: 661
Ion Ratio Lower Upper
142 100
141 90.5 65.1 97.7
115 48.3 27.0 40.4#





#15

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.86 min Scan# 694

Delta R.T. 0.00 min

Lab File: BE092057.D

Acq: 27 Jul 2016 15:11

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

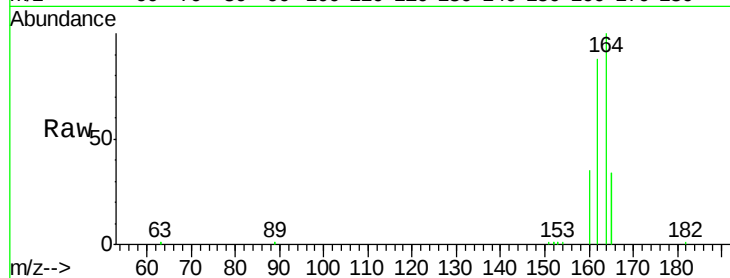
Tgt Ion:164 Resp: 19079

Ion Ratio Lower Upper

164 100

162 88.1 69.5 104.3

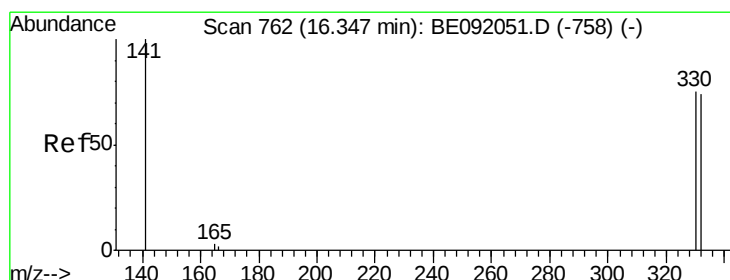
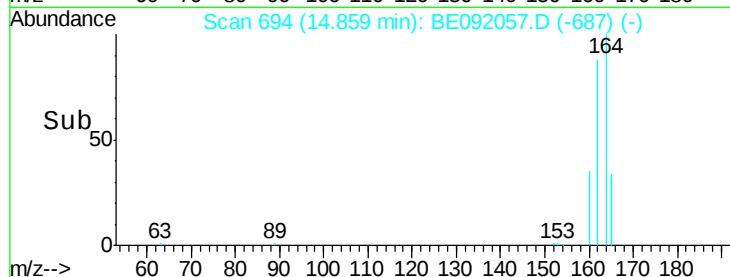
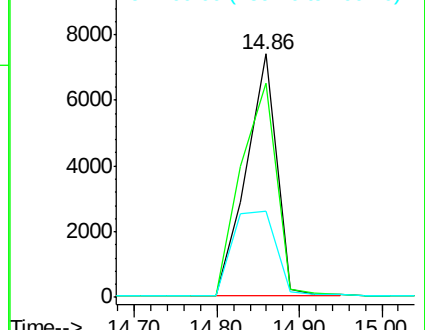
160 35.1 27.6 41.4



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: 0.25 ng

RT: 16.35 min Scan# 762

Delta R.T. -0.00 min

Lab File: BE092057.D

Acq: 27 Jul 2016 15:11

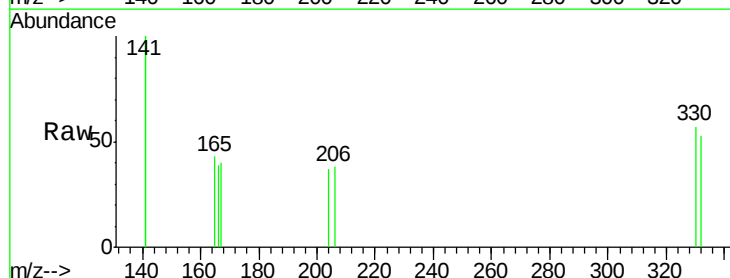
Tgt Ion:330 Resp: 57

Ion Ratio Lower Upper

330 100

332 110.5 74.2 111.4

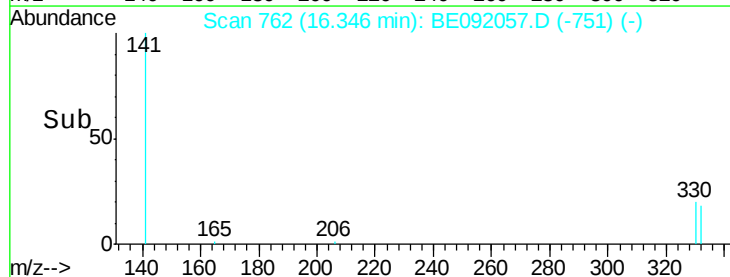
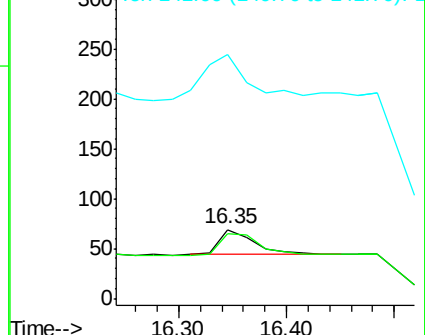
141 229.8 139.8 209.8#

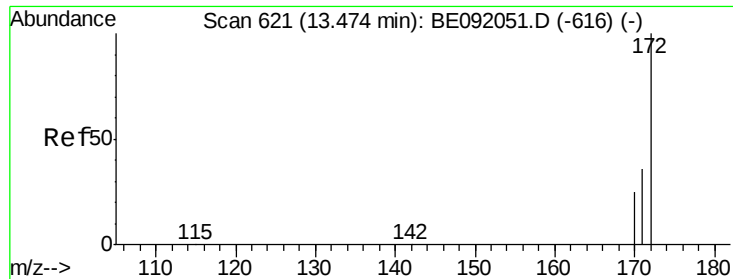


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

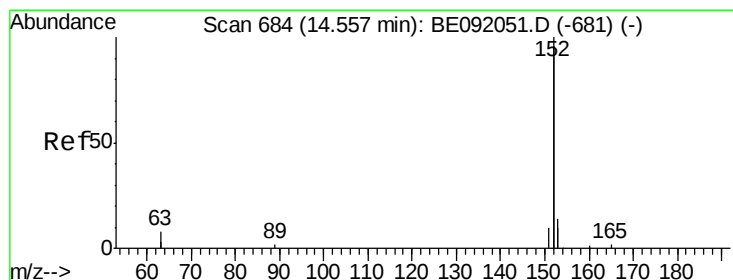
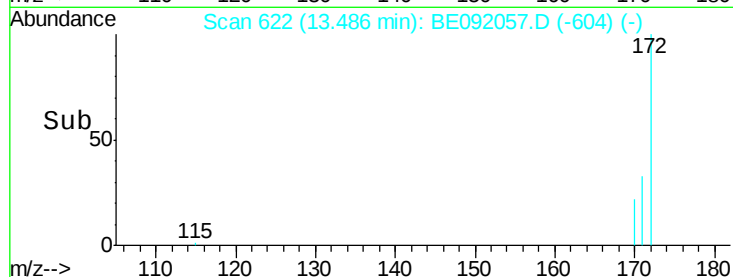
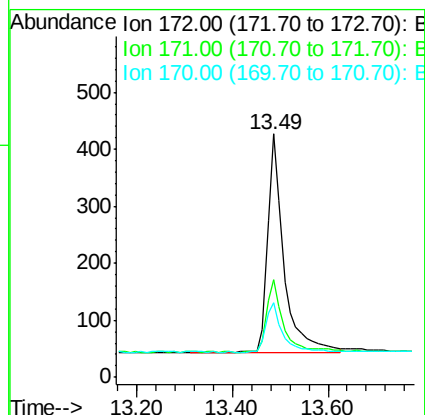
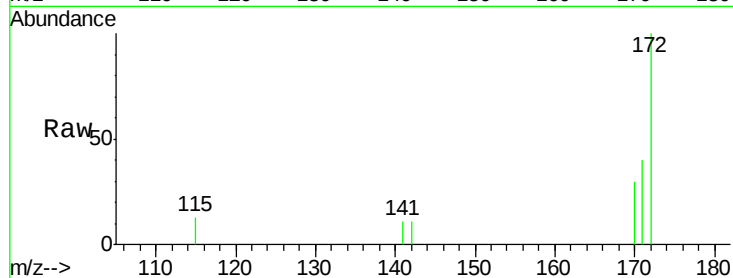




#17
2-Fluorobiphenyl
Concen: 0.12 ng
RT: 13.49 min Scan# 622
Delta R.T. 0.01 min
Lab File: BE092057.D
Acq: 27 Jul 2016 15:11

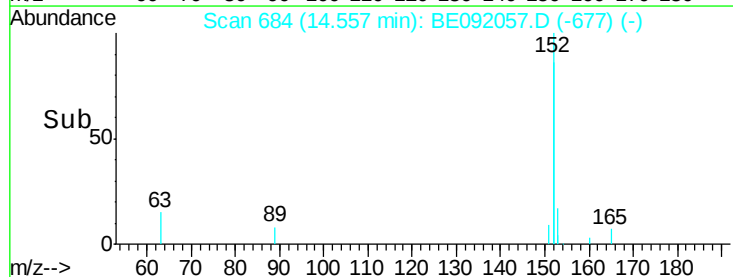
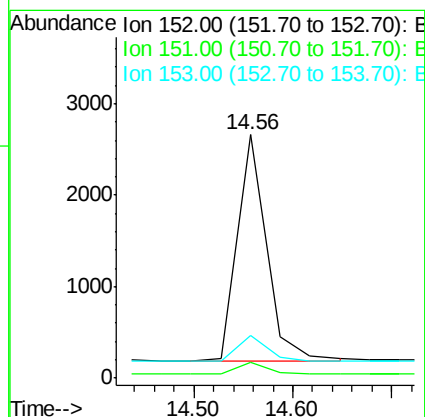
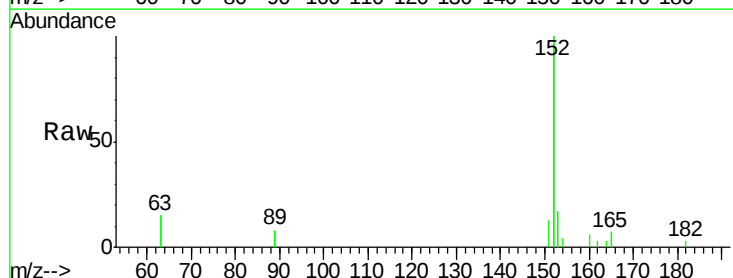
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

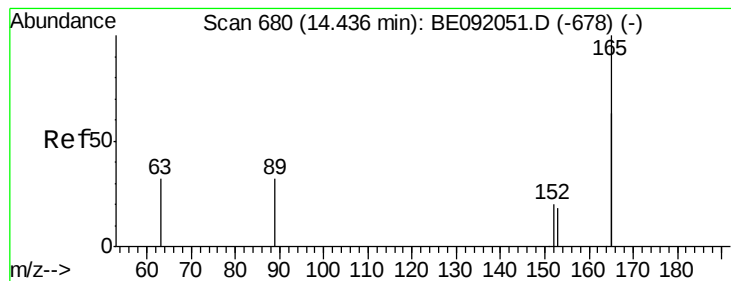
Tgt Ion:172 Resp: 894
Ion Ratio Lower Upper
172 100
171 40.3 30.3 45.5
170 30.4 21.6 32.4



#18
Acenaphthylene
Concen: 0.10 ng
RT: 14.56 min Scan# 684
Delta R.T. 0.00 min
Lab File: BE092057.D
Acq: 27 Jul 2016 15:11

Tgt Ion:152 Resp: 5141
Ion Ratio Lower Upper
152 100
151 5.0 4.0 6.0
153 11.7 9.6 14.4





#19

2,6-Dinitrotoluene

Concen: 0.37 ng

RT: 14.44 min Scan# 680

Delta R.T. 0.00 min

Lab File: BE092057.D

Acq: 27 Jul 2016 15:11

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

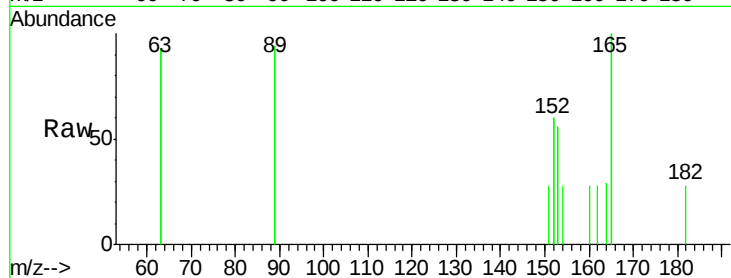
Tgt Ion:165 Resp: 1418

Ion Ratio Lower Upper

165 100

63 26.9 0.0 0.0#

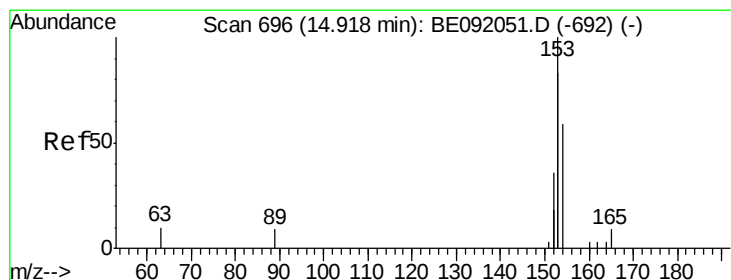
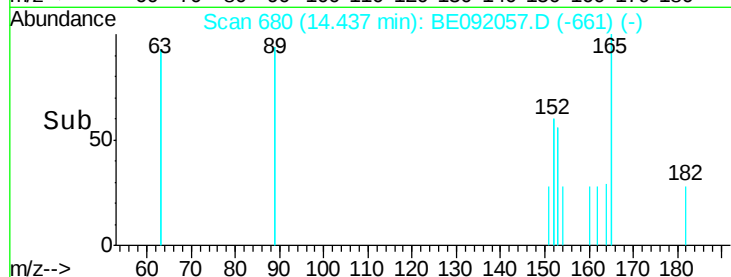
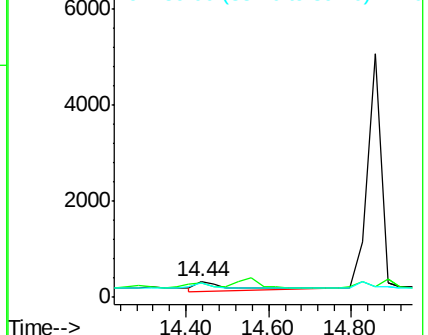
89 109.7 0.0 0.0#



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



#20

Acenaphthene

Concen: 0.13 ng

RT: 14.92 min Scan# 696

Delta R.T. 0.00 min

Lab File: BE092057.D

Acq: 27 Jul 2016 15:11

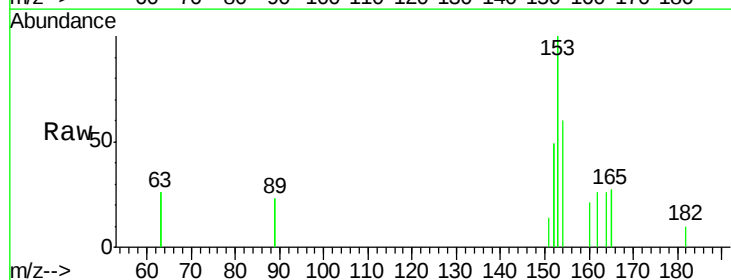
Tgt Ion:154 Resp: 698

Ion Ratio Lower Upper

154 100

153 0.0 345.1 517.7#

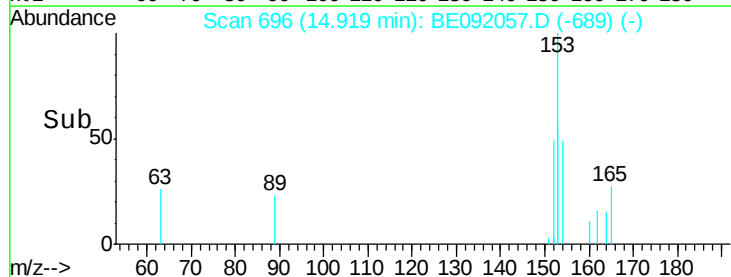
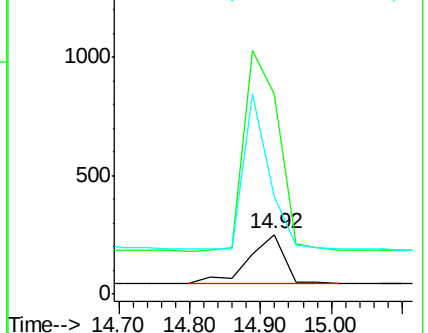
152 0.0 0.0 0.0

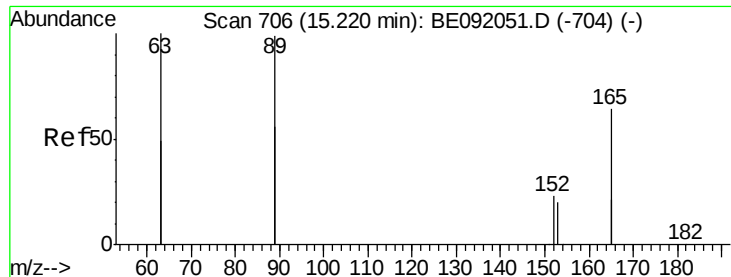


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

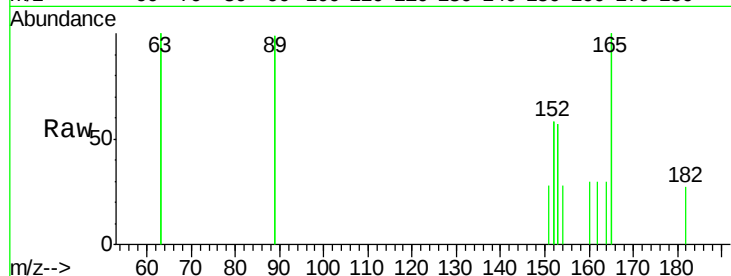




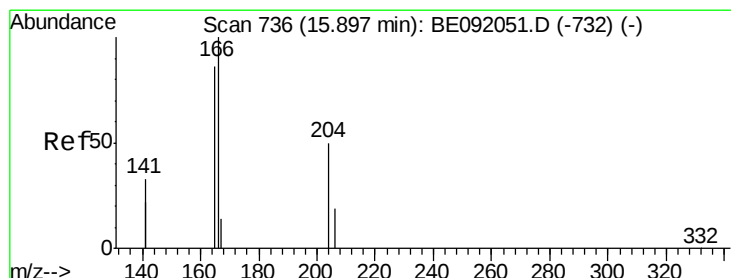
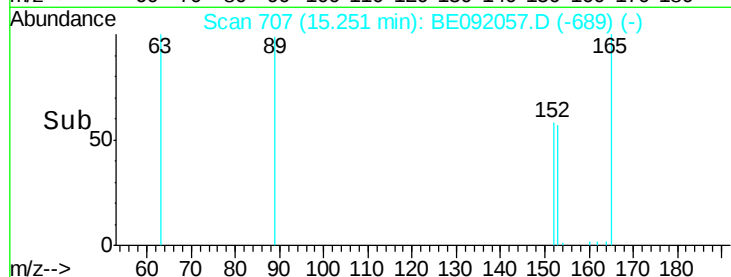
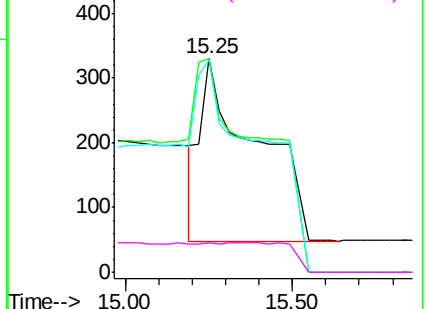
#21
2,4-Dinitrotoluene
Concen: 0.54 ng
RT: 15.25 min Scan# 707
Delta R.T. 0.03 min
Lab File: BE092057.D
Acq: 27 Jul 2016 15:11

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

Tgt Ion:165 Resp: 2890
Ion Ratio Lower Upper
165 100
63 166.2 324.0 486.0#
89 149.3 308.4 462.6#
182 0.0 0.0 0.0

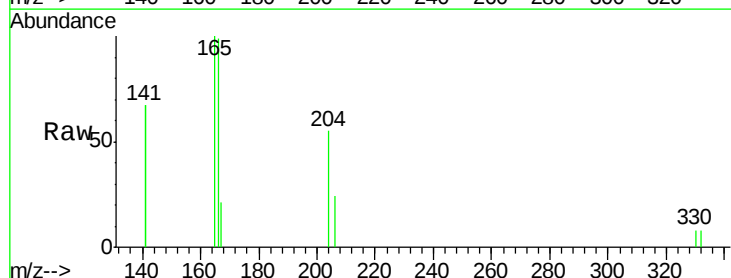


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BE0
Ion 89.00 (88.70 to 89.70): BE0
Ion 182.00 (181.70 to 182.70): E

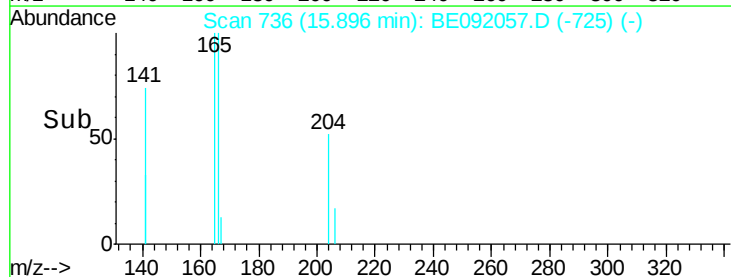
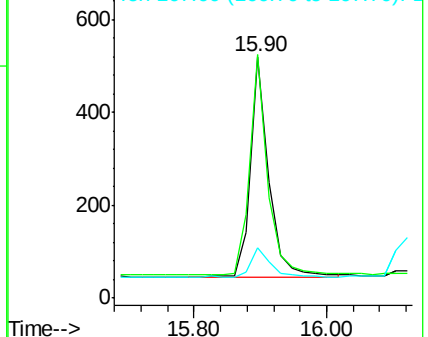


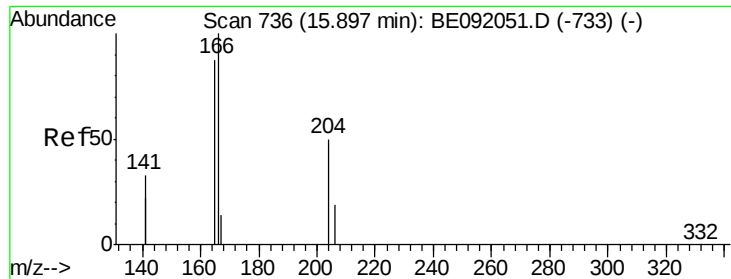
#22
Fluorene
Concen: 0.11 ng
RT: 15.90 min Scan# 736
Delta R.T. -0.00 min
Lab File: BE092057.D
Acq: 27 Jul 2016 15:11

Tgt Ion:166 Resp: 895
Ion Ratio Lower Upper
166 100
165 100.0 78.6 118.0
167 15.3 11.1 16.7



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

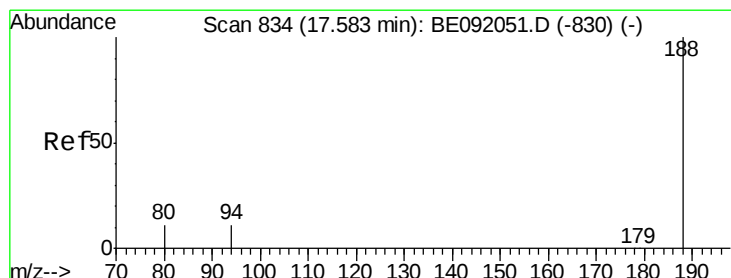
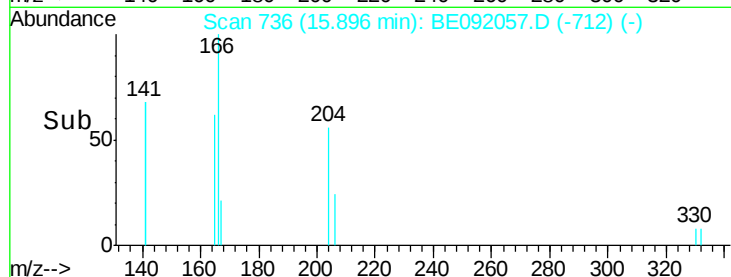
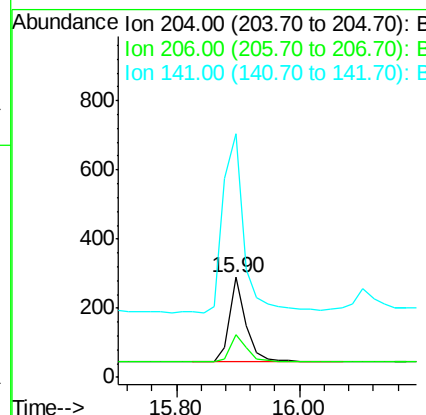
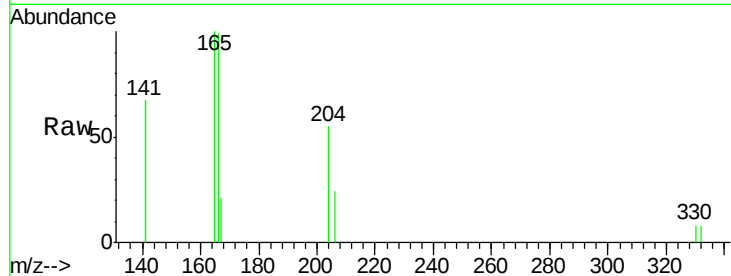




#23
 4-Chlorophenyl-phenylether
 Concen: 0.12 ng
 RT: 15.90 min Scan# 736
 Delta R.T. -0.00 min
 Lab File: BE092057.D
 Acq: 27 Jul 2016 15:11

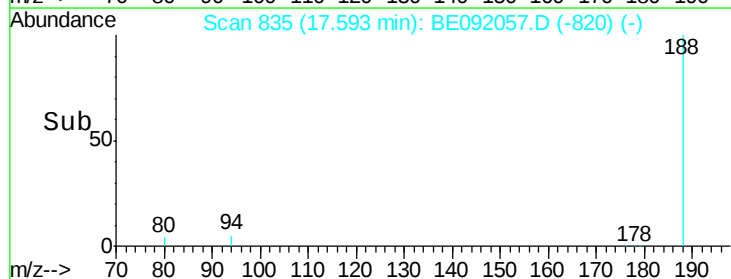
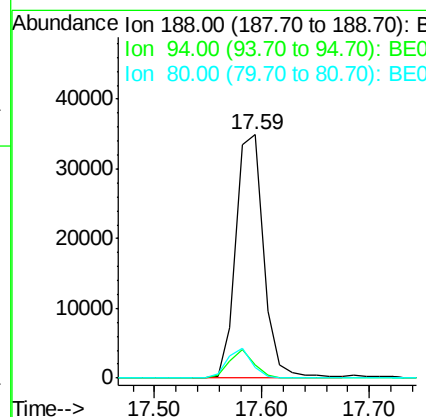
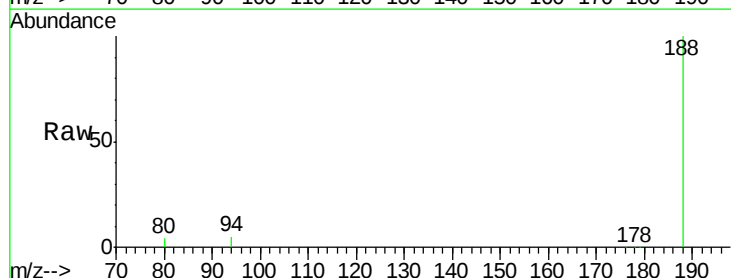
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

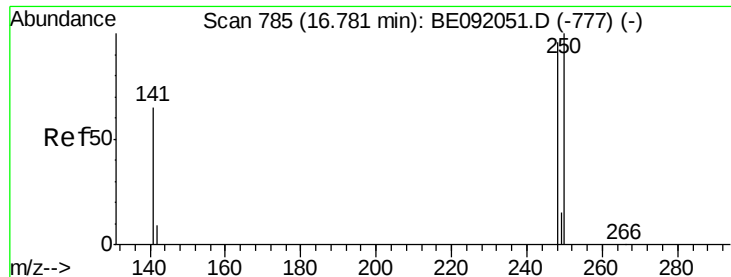
Tgt Ion: 204 Resp: 471
 Ion Ratio Lower Upper
 204 100
 206 33.1 27.0 40.4
 141 257.1 198.5 297.7



#24
 Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.59 min Scan# 835
 Delta R.T. 0.01 min
 Lab File: BE092057.D
 Acq: 27 Jul 2016 15:11

Tgt Ion: 188 Resp: 61808
 Ion Ratio Lower Upper
 188 100
 94 5.2 3.9 5.9
 80 4.4 3.4 5.0





#25

4-Bromophenyl-phenylether

Concen: 0.11 ng

RT: 16.78 min Scan# 785

Delta R.T. -0.00 min

Lab File: BE092057.D

Acq: 27 Jul 2016 15:11

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

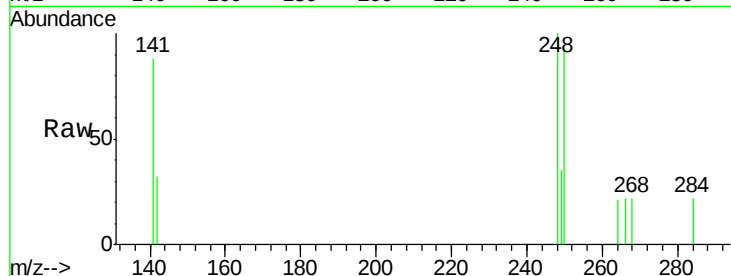
Tgt Ion:248 Resp: 280

Ion Ratio Lower Upper

248 100

250 96.8 79.6 119.4

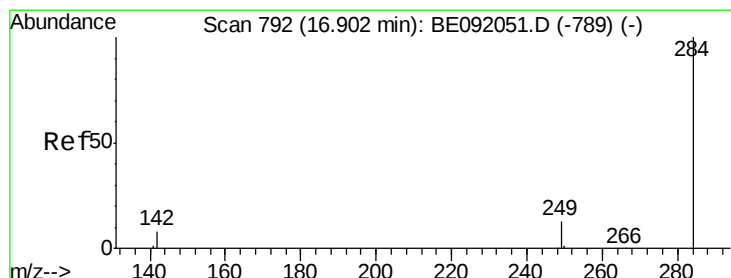
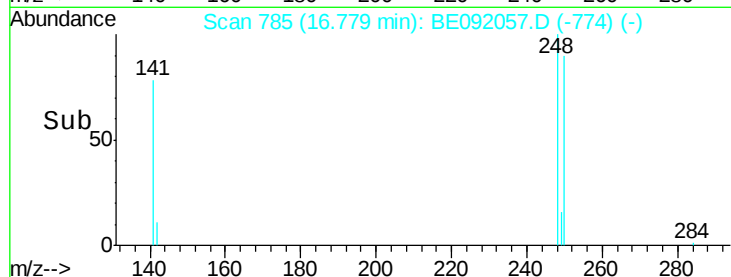
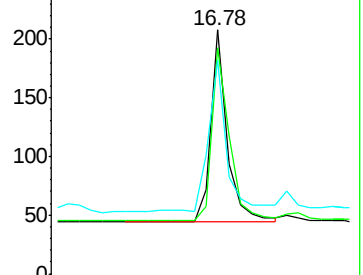
141 85.7 68.7 103.1



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: 0.11 ng

RT: 16.90 min Scan# 792

Delta R.T. -0.00 min

Lab File: BE092057.D

Acq: 27 Jul 2016 15:11

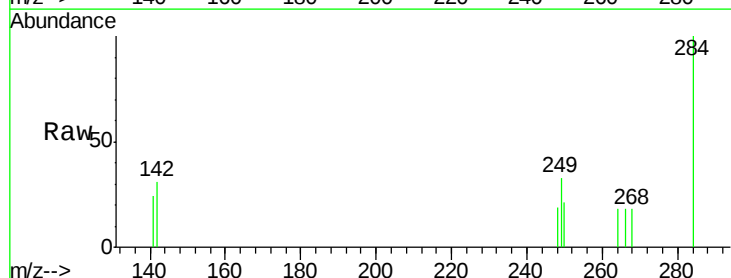
Tgt Ion:284 Resp: 301

Ion Ratio Lower Upper

284 100

142 45.2 33.3 49.9

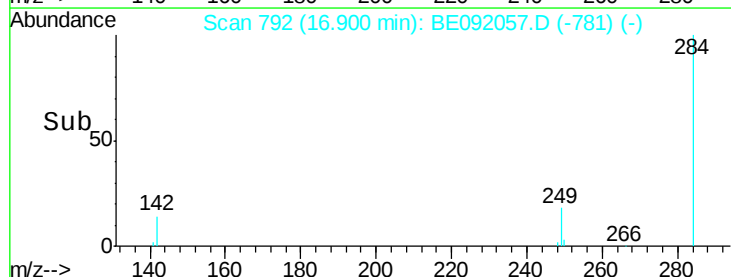
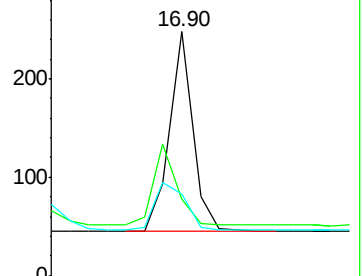
249 32.6 25.4 38.0

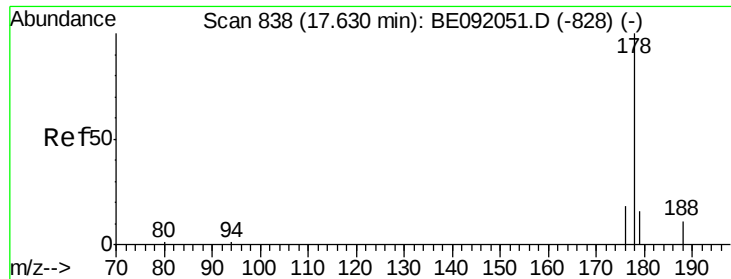


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

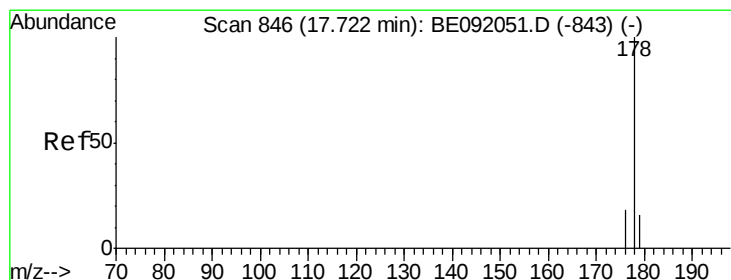
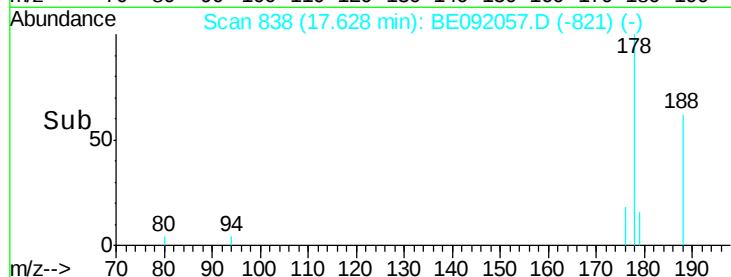
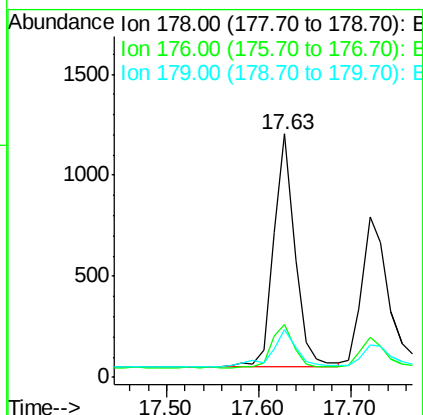
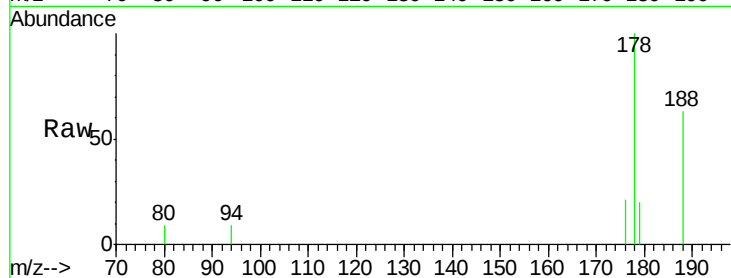




#28
Phenanthrene
Concen: 0.12 ng
RT: 17.63 min Scan# 838
Delta R.T. -0.00 min
Lab File: BE092057.D
Acq: 27 Jul 2016 15:11

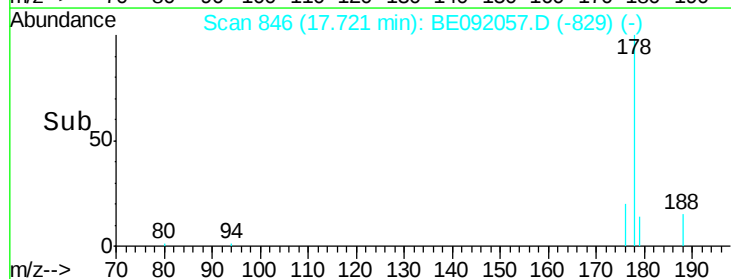
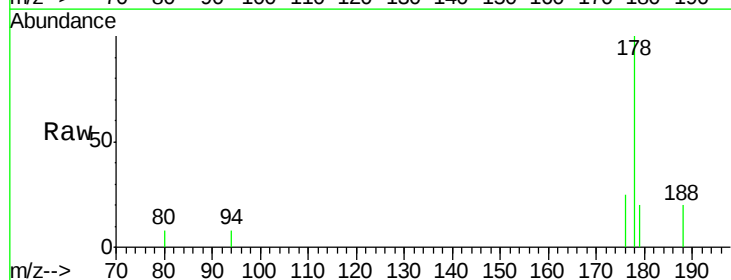
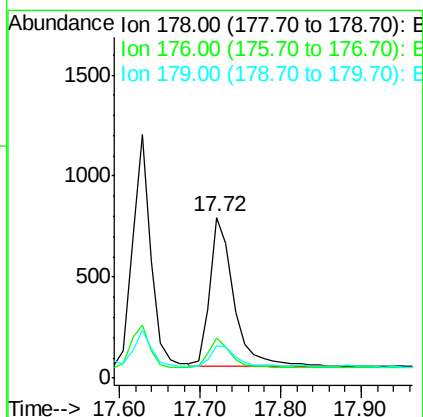
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

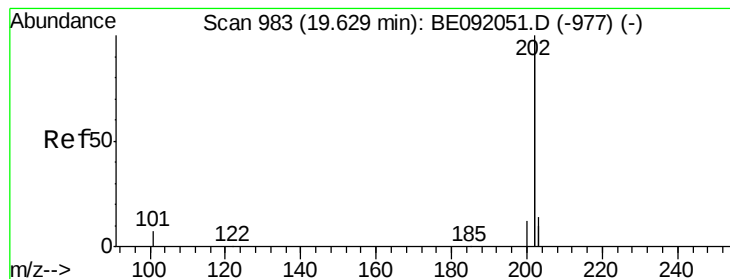
Tgt Ion:178 Resp: 1855
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 18.1 12.7 19.1



#29
Anthracene
Concen: 0.11 ng
RT: 17.72 min Scan# 846
Delta R.T. -0.00 min
Lab File: BE092057.D
Acq: 27 Jul 2016 15:11

Tgt Ion:178 Resp: 1521
Ion Ratio Lower Upper
178 100
176 18.9 15.2 22.8
179 14.7 12.2 18.4

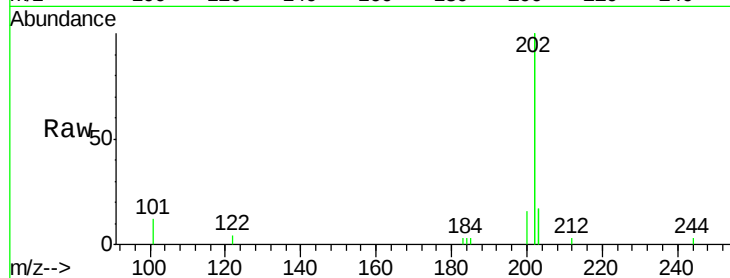




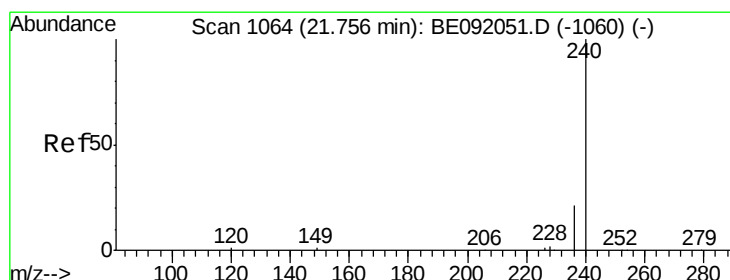
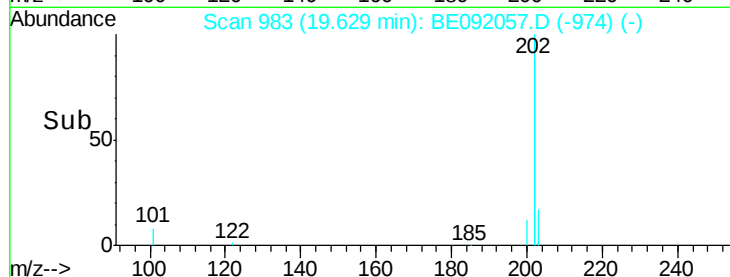
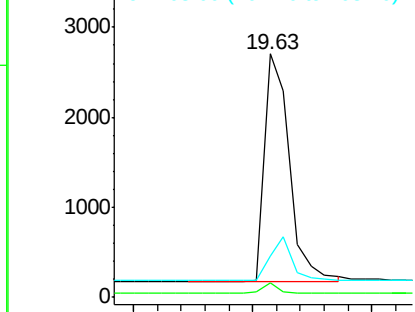
#30
 Fluoranthene
 Concen: 0.10 ng
 RT: 19.63 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: BE092057.D
 Acq: 27 Jul 2016 15:11

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

Tgt Ion: 202 Resp: 7312
 Ion Ratio Lower Upper
 202 100
 101 2.9 2.2 3.2
 203 0.0 13.0 19.4#

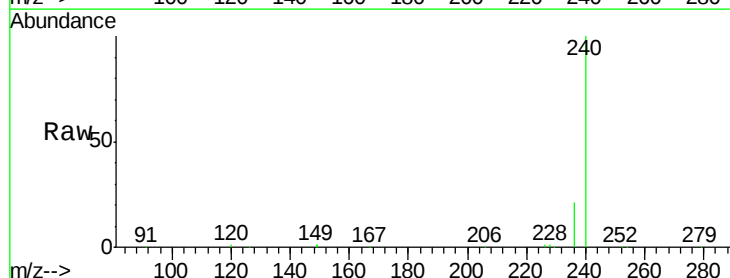


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

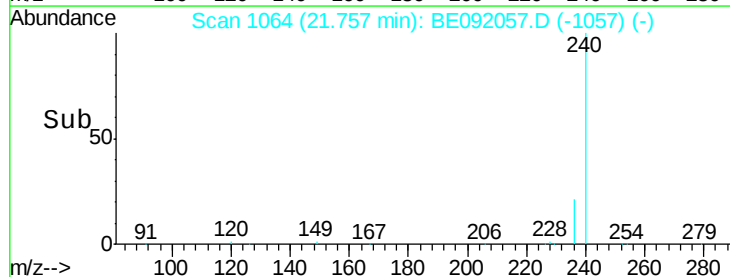
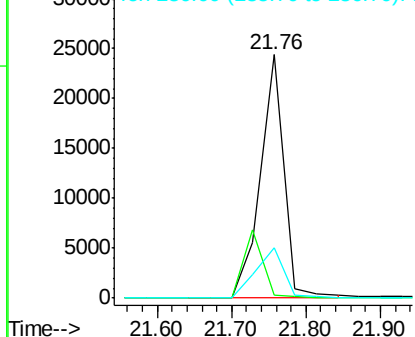


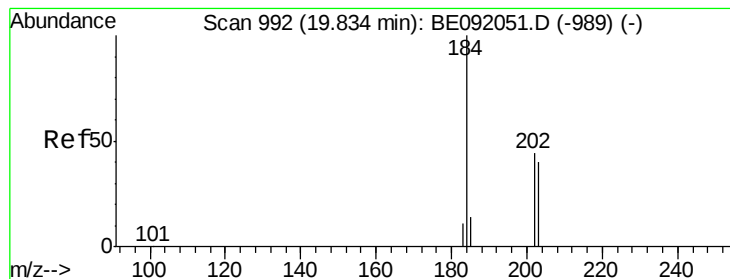
#31
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.76 min Scan# 1064
 Delta R.T. 0.00 min
 Lab File: BE092057.D
 Acq: 27 Jul 2016 15:11

Tgt Ion: 240 Resp: 53863
 Ion Ratio Lower Upper
 240 100
 120 1.1 0.6 1.0#
 236 20.8 18.2 27.4



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: 0.10 ng

RT: 19.86 min Scan# 993

Delta R.T. 0.02 min

Lab File: BE092057.D

Acq: 27 Jul 2016 15:11

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

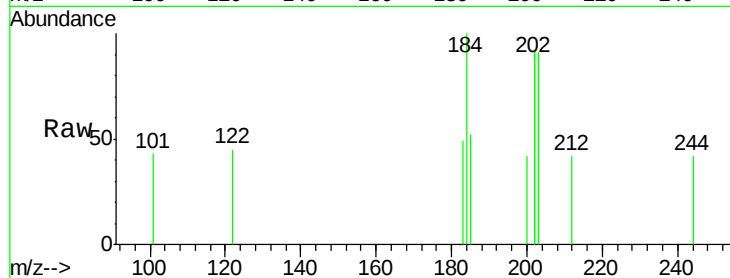
Tgt Ion:184 Resp: 281

Ion Ratio Lower Upper

184 100

185 51.9 23.8 35.6#

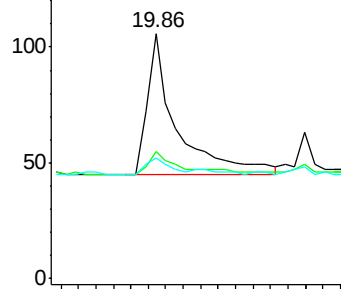
183 49.1 20.7 31.1#



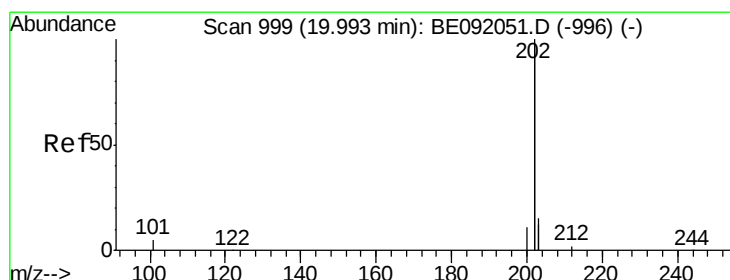
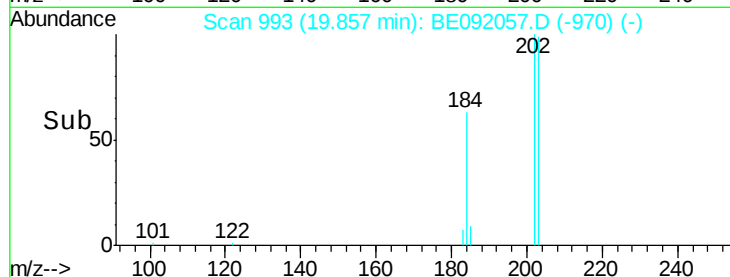
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#33

Pyrene

Concen: 0.12 ng

RT: 19.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: BE092057.D

Acq: 27 Jul 2016 15:11

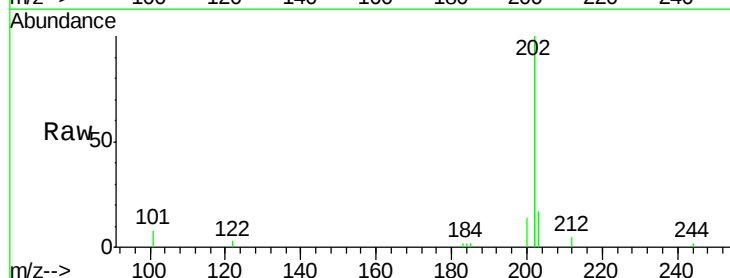
Tgt Ion:202 Resp: 8258

Ion Ratio Lower Upper

202 100

200 5.4 4.4 6.6

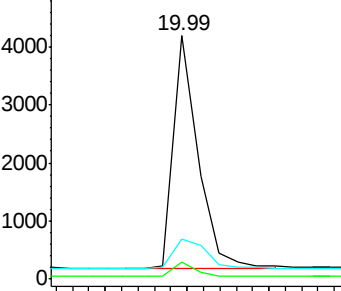
203 16.3 13.4 20.0



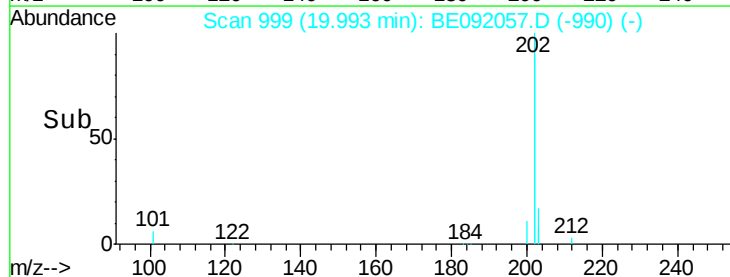
Abundance Ion 202.00 (201.70 to 202.70): E

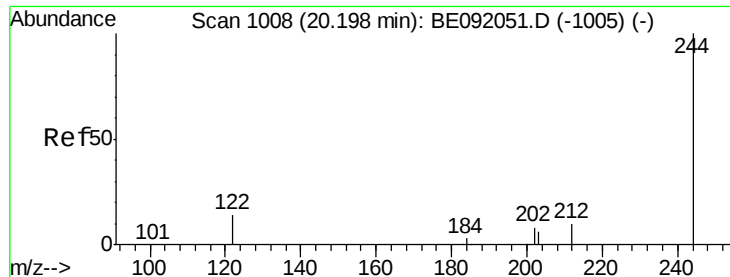
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->





#34

Terphenyl-d14

Concen: 0.13 ng

RT: 20.22 min Scan# 1009

Delta R.T. 0.02 min

Lab File: BE092057.D

Acq: 27 Jul 2016 15:11

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.1

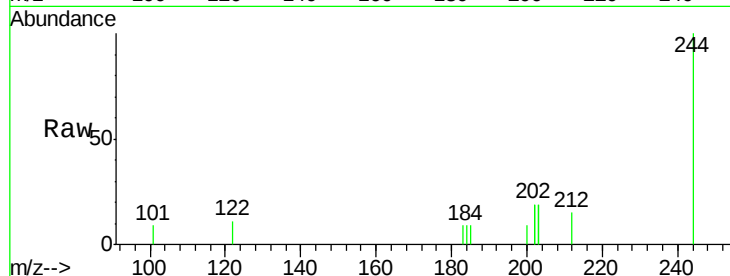
Tgt Ion:244 Resp: 1276

Ion Ratio Lower Upper

244 100

212 15.1 9.1 13.7#

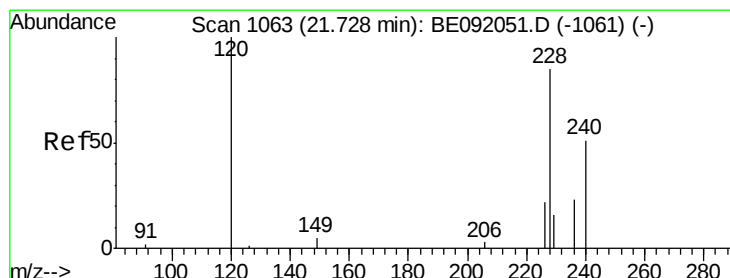
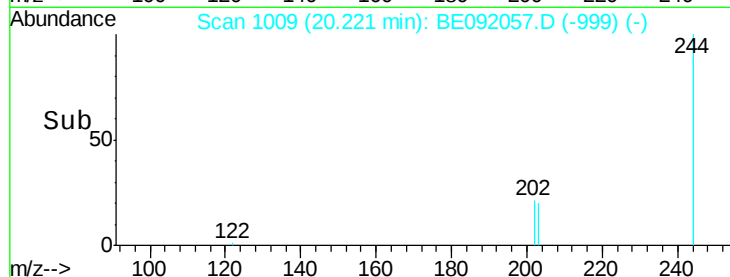
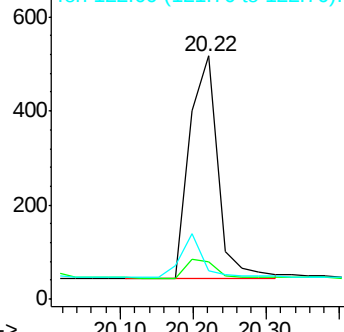
122 11.4 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#35

Benzo(a)anthracene

Concen: 0.31 ng

RT: 21.79 min Scan# 1065

Delta R.T. 0.06 min

Lab File: BE092057.D

Acq: 27 Jul 2016 15:11

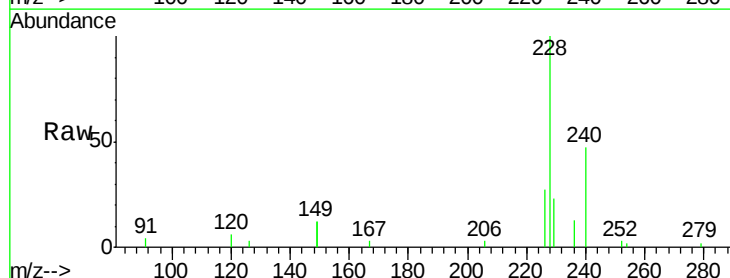
Tgt Ion:228 Resp: 7571

Ion Ratio Lower Upper

228 100

226 26.5 22.1 33.1

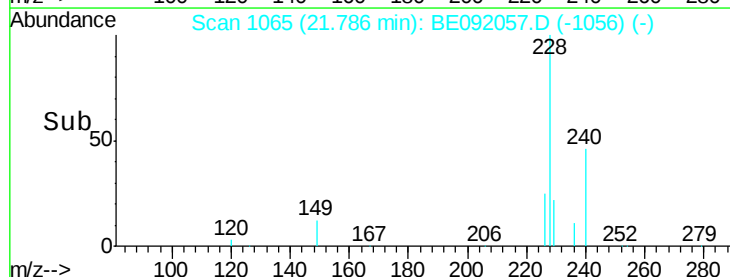
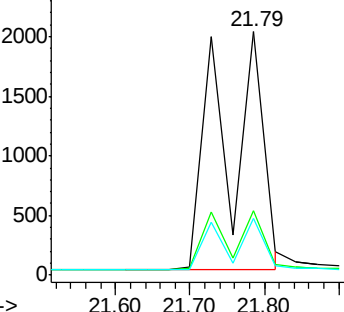
229 23.4 15.1 22.7#

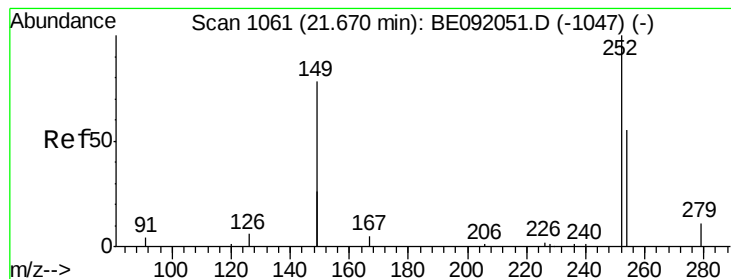


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

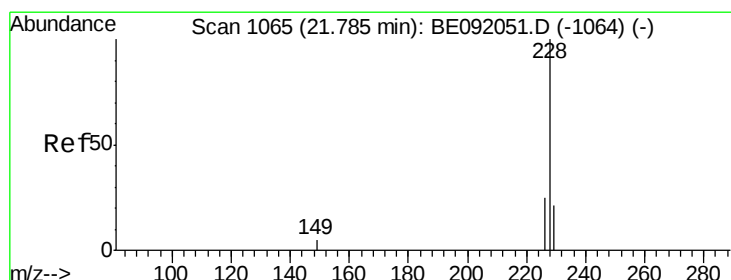
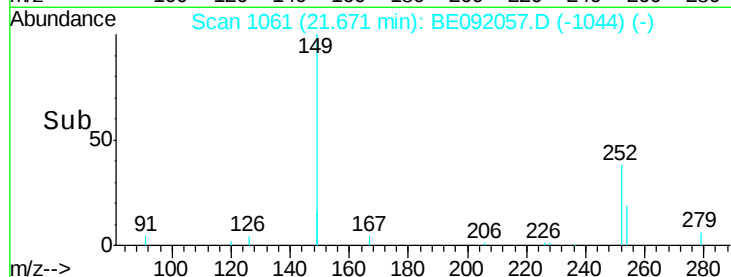
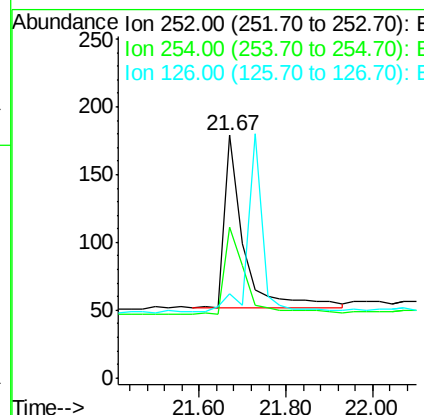
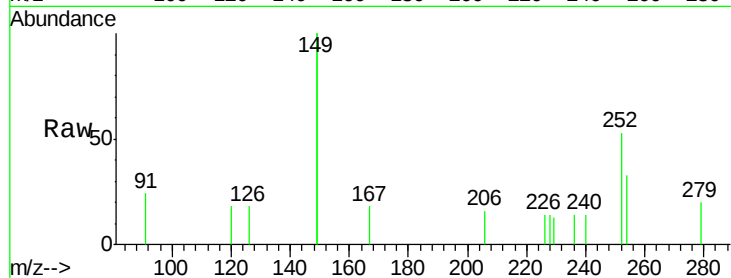




#36
 3,3'-Dichlorobenzidine
 Concen: 0.31 ng
 RT: 21.67 min Scan# 1061
 Delta R.T. 0.00 min
 Lab File: BE092057.D
 Acq: 27 Jul 2016 15:11

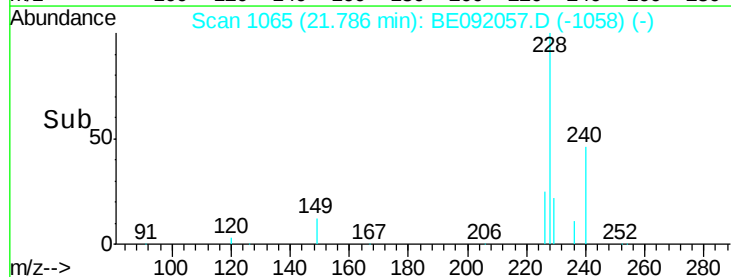
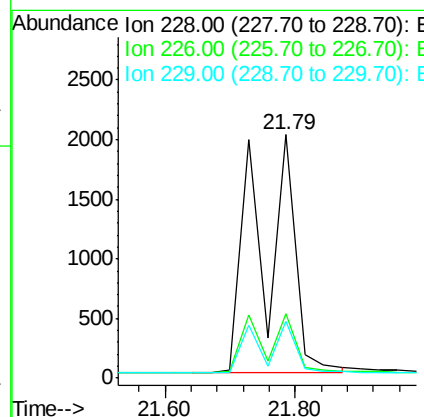
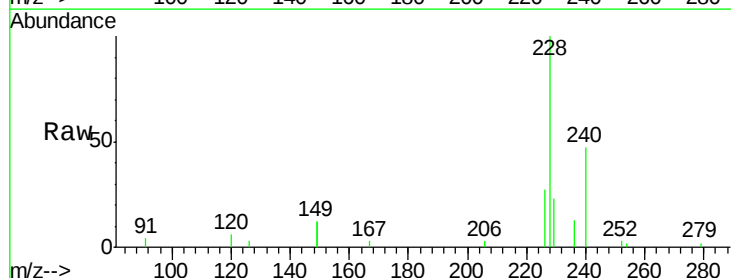
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

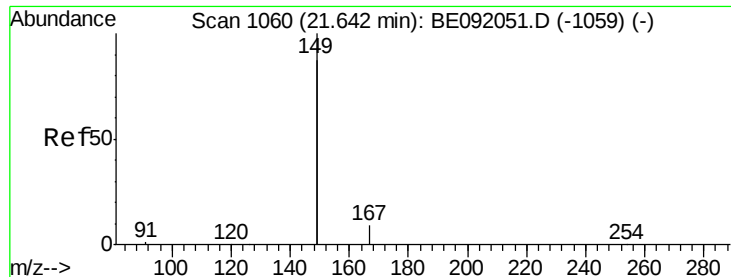
Tgt Ion: 252 Resp: 383
 Ion Ratio Lower Upper
 252 100
 254 62.0 44.2 66.2
 126 34.6 10.6 15.8#



#37
 Chrysene
 Concen: 0.25 ng
 RT: 21.79 min Scan# 1065
 Delta R.T. 0.00 min
 Lab File: BE092057.D
 Acq: 27 Jul 2016 15:11

Tgt Ion: 228 Resp: 7729
 Ion Ratio Lower Upper
 228 100
 226 26.5 22.3 33.5
 229 23.4 16.9 25.3

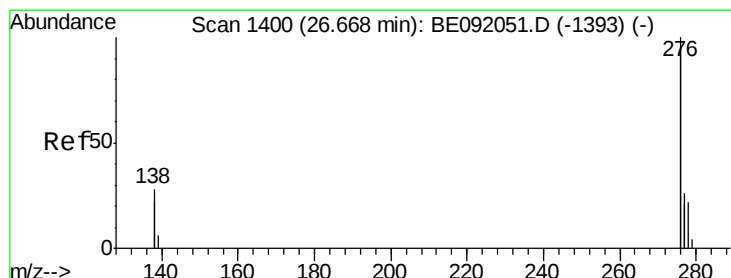
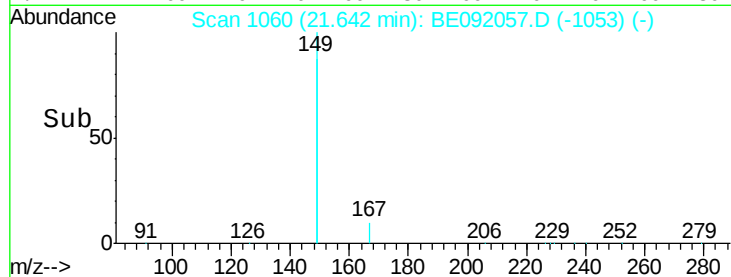
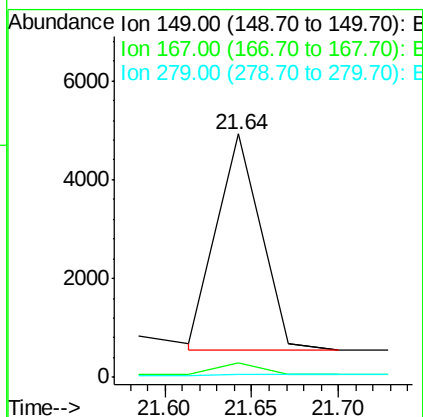
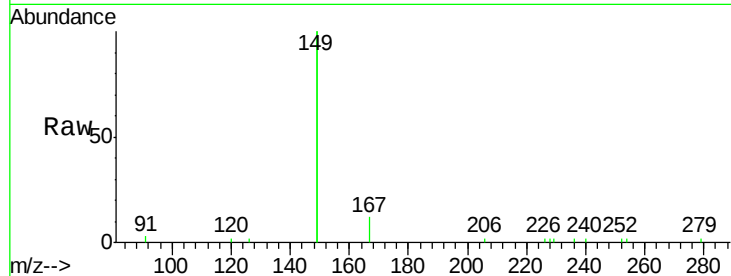




#38
 Bis(2-ethylhexyl)phthalate
 Concen: 0.22 ng
 RT: 21.64 min Scan# 1060
 Delta R.T. 0.00 min
 Lab File: BE092057.D
 Acq: 27 Jul 2016 15:11

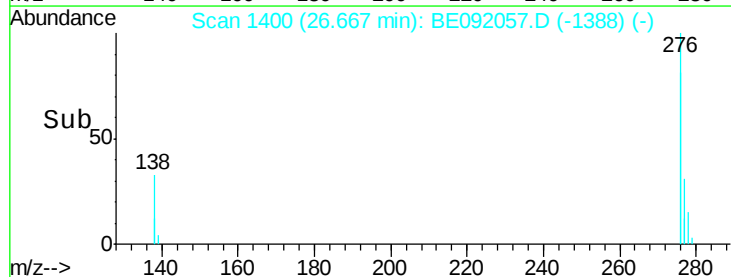
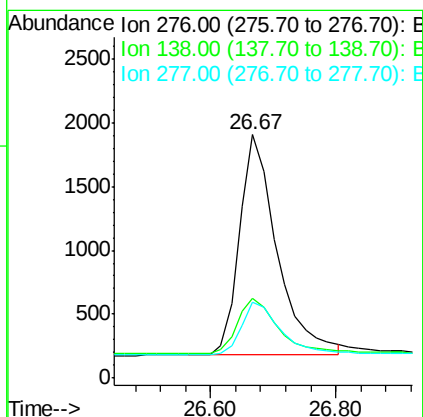
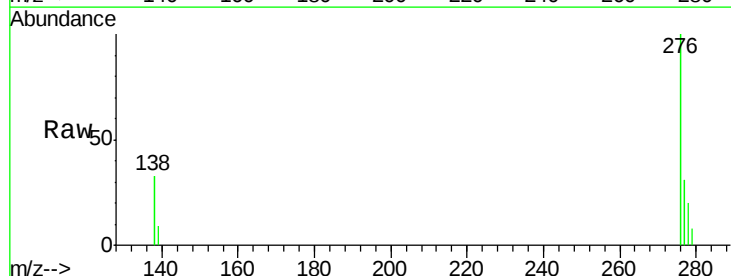
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

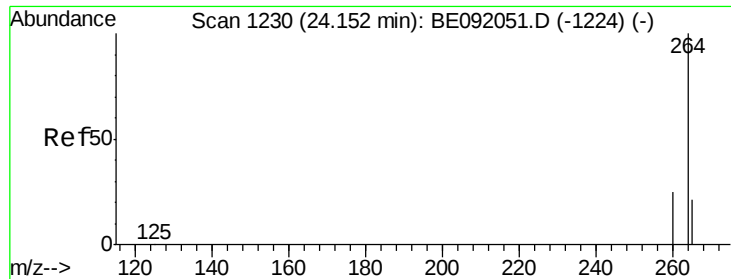
Tgt Ion:149 Resp: 7763
 Ion Ratio Lower Upper
 149 100
 167 5.8 3.8 5.6#
 279 0.0 0.0 0.0



#39
 Indeno(1,2,3-cd)pyrene
 Concen: 0.11 ng
 RT: 26.67 min Scan# 1400
 Delta R.T. -0.00 min
 Lab File: BE092057.D
 Acq: 27 Jul 2016 15:11

Tgt Ion:276 Resp: 7253
 Ion Ratio Lower Upper
 276 100
 138 27.4 21.2 31.8
 277 24.8 19.8 29.8





#40

Perylene-d12

Concen: 5.00 ng

RT: 24.15 min Scan# 1230

Delta R.T. 0.00 min

Lab File: BE092057.D

Acq: 27 Jul 2016 15:11

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

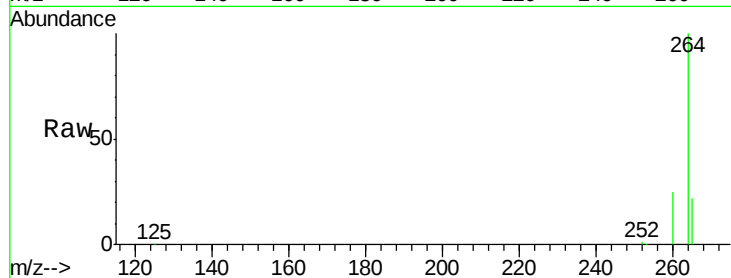
Tgt Ion:264 Resp: 66247

Ion Ratio Lower Upper

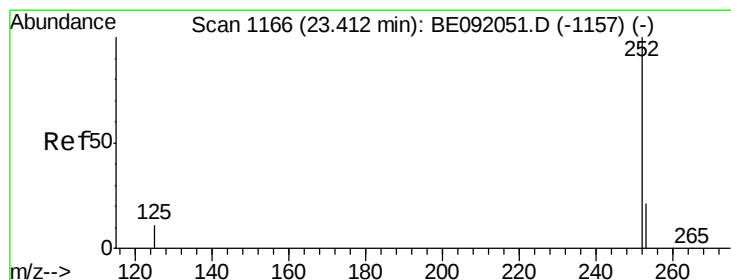
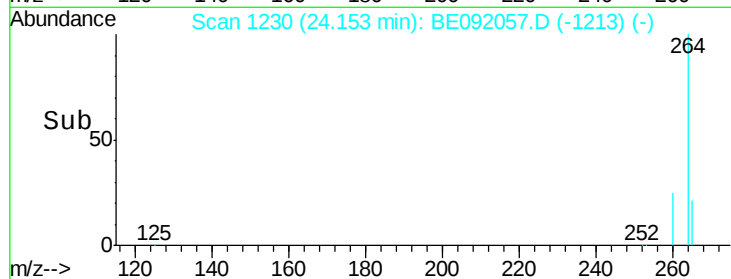
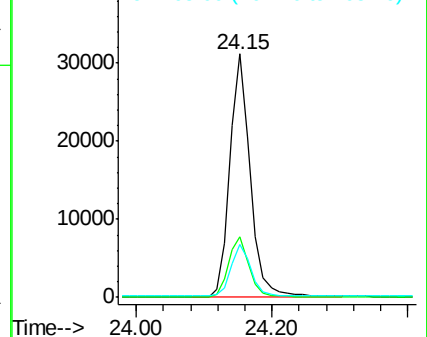
264 100

260 24.6 20.8 31.2

265 21.8 16.6 25.0



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: 0.11 ng

RT: 23.41 min Scan# 1166

Delta R.T. 0.00 min

Lab File: BE092057.D

Acq: 27 Jul 2016 15:11

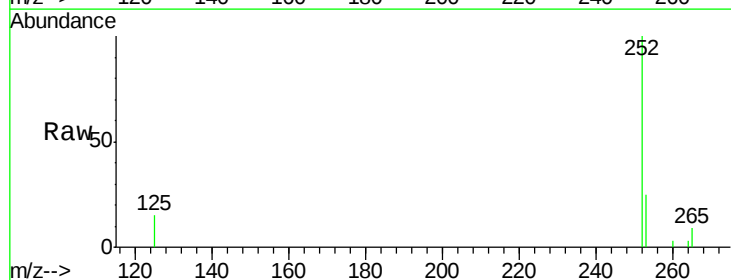
Tgt Ion:252 Resp: 2832

Ion Ratio Lower Upper

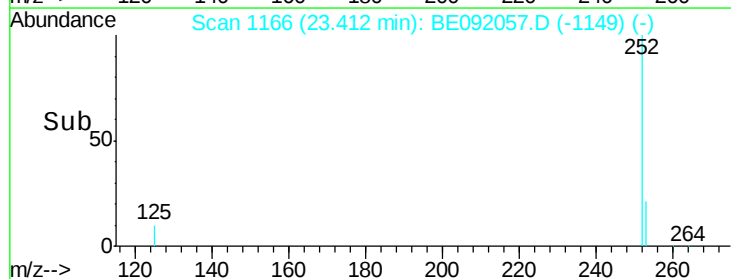
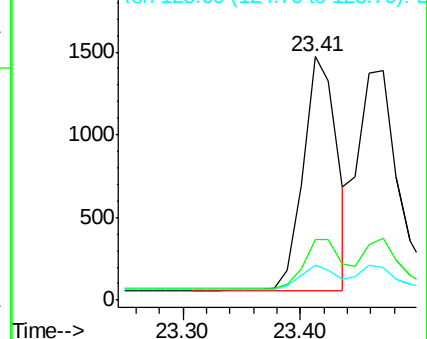
252 100

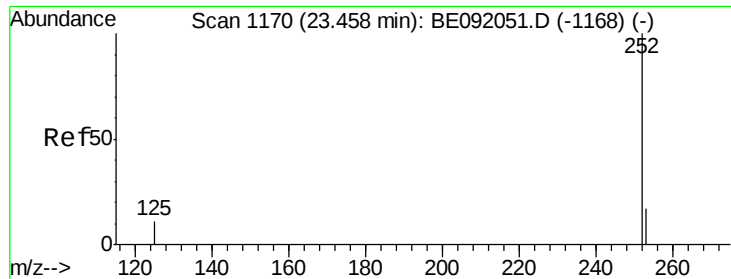
253 25.0 17.4 26.0

125 14.6 10.2 15.2



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: 0.13 ng

RT: 23.47 min Scan# 1171

Delta R.T. 0.01 min

Lab File: BE092057.D

Acq: 27 Jul 2016 15:11

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

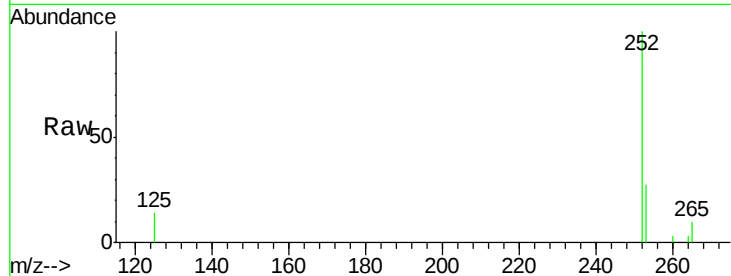
Tgt Ion: 252 Resp: 3232

Ion Ratio Lower Upper

252 100

253 26.7 19.4 29.0

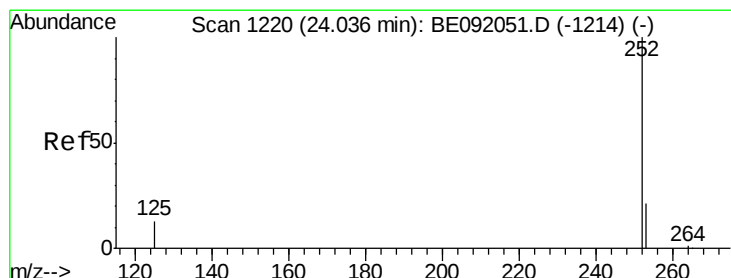
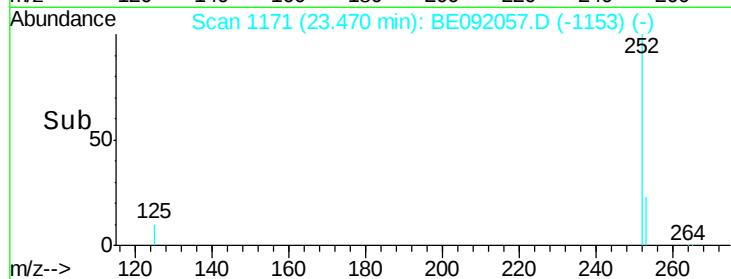
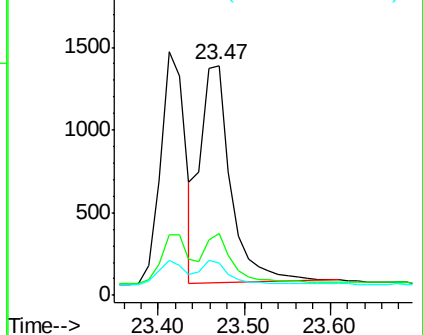
125 13.9 8.9 13.3#



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: 0.12 ng

RT: 24.04 min Scan# 1220

Delta R.T. 0.00 min

Lab File: BE092057.D

Acq: 27 Jul 2016 15:11

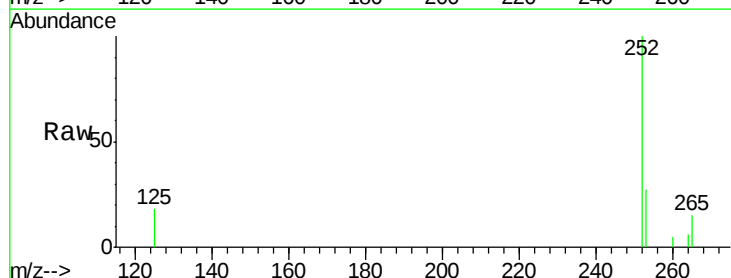
Tgt Ion: 252 Resp: 2037

Ion Ratio Lower Upper

252 100

253 27.0 19.8 29.8

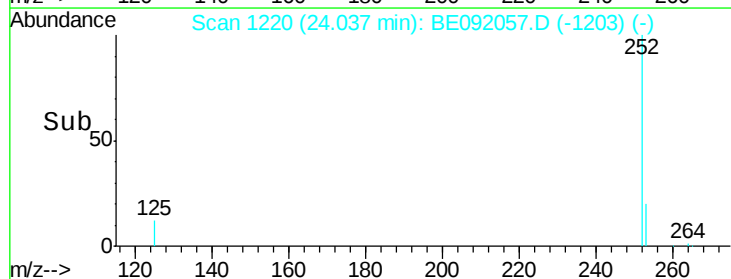
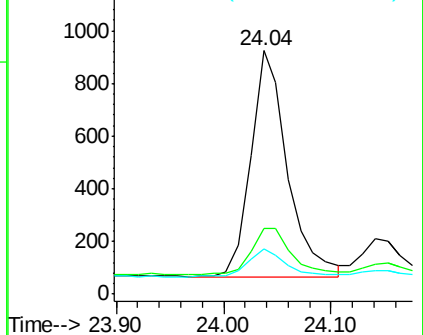
125 18.5 10.4 15.6#

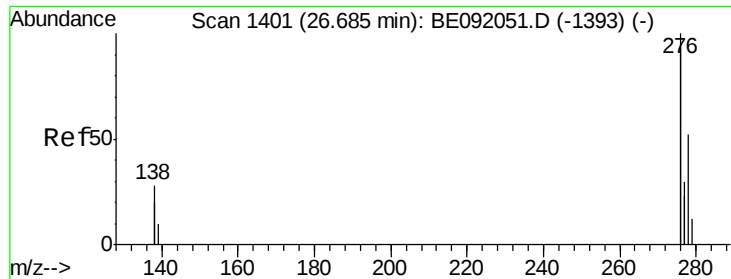


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#44

Dibenzo(a,h)anthracene

Concen: 0.10 ng

RT: 26.70 min Scan# 1402

Delta R.T. 0.02 min

Lab File: BE092057.D

Acq: 27 Jul 2016 15:11

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

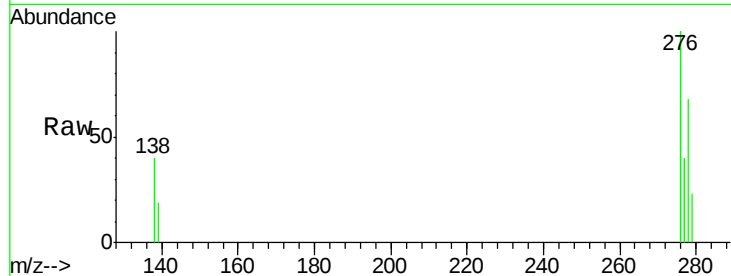
Tgt Ion: 278 Resp: 1442

Ion Ratio Lower Upper

278 100

139 27.4 16.7 25.1#

279 34.2 20.3 30.5#



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

26.70

400

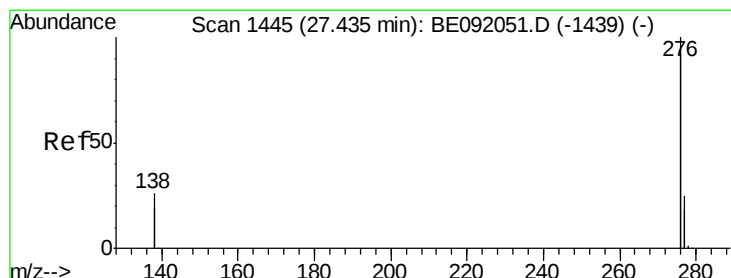
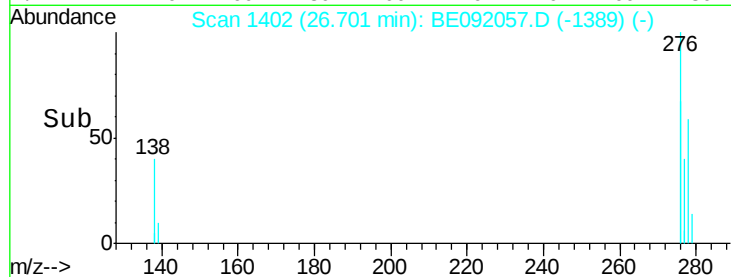
300

200

100

0

Time-->



#45

Benzo(g,h,i)perylene

Concen: 0.11 ng

RT: 27.45 min Scan# 1446

Delta R.T. 0.02 min

Lab File: BE092057.D

Acq: 27 Jul 2016 15:11

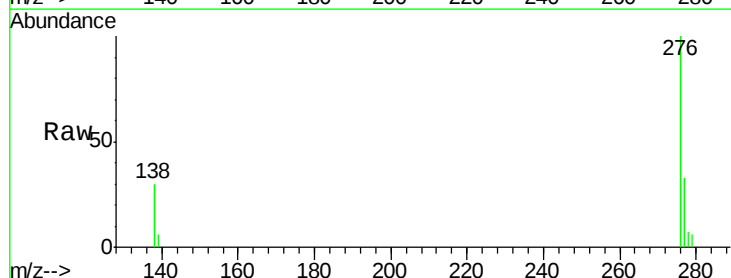
Tgt Ion: 276 Resp: 6475

Ion Ratio Lower Upper

276 100

277 33.1 19.5 29.3#

138 30.3 20.8 31.2



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

27.45

2000

1500

1000

500

0

Time-->

