

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE070716\
 Data File : BE091989.D
 Acq On : 7 Jul 2016 20:20
 Operator : UM/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Jul 08 01:07:17 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE070516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 05 16:14:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	20389	5.00	ng	0.00
8) Naphthalene-d8	10.99	136	97340	5.00	ng	0.00
15) Acenaphthene-d10	14.86	164	69817	5.00	ng	0.00
24) Phenanthrene-d10	17.59	188	153954	5.00	ng	0.00
31) Chrysene-d12	21.76	240	271147	5.00	ng	0.00
40) Perylene-d12	24.17	264	189776	5.00	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.72	112	1820	0.37	ng	0.00
5) Phenol-d6	7.37	99	2378	0.35	ng	0.00
9) Nitrobenzene-d5	9.36	82	2410	0.36	ng	-0.02
16) 2,4,6-Tribromophenol	16.35	330	676	0.41	ng	0.00
17) 2-Fluorobiphenyl	13.49	172	6844	0.40	ng	0.00
34) Terphenyl-d14	20.22	244	10677	0.33	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.47	88	1083	0.39	ng	94
3) n-Nitrosodimethylamine	3.82	42	1189	0.37	ng	# 88
6) bis(2-Chloroethyl)ether	7.61	93	2263	0.38	ng	97
7) n-Nitroso-di-n-propylamine	9.00	70	1983	0.35	ng	# 98
10) Nitrobenzene	9.42	77	2550	0.35	ng	# 98
11) bis(2-Chloroethoxy)methane	10.42	93	3412	0.42	ng	# 16
12) Naphthalene	11.04	128	8869	0.39	ng	96
13) Hexachlorobutadiene	11.34	225	1309	0.38	ng	98
14) 2-Methylnaphthalene	12.68	142	5516	0.38	ng	97
18) Acenaphthylene	14.56	152	34715	0.40	ng	# 72
19) 2,6-Dinitrotoluene	14.44	165	4515	0.35	ng	# 42
20) Acenaphthene	14.92	154	7077	0.37	ng	# 1
21) 2,4-Dinitrotoluene	15.25	165	7848	0.56	ng	# 1
22) Fluorene	15.90	166	7987	0.40	ng	98
23) 4-Chlorophenyl-phenylether	15.90	204	4138	0.41	ng	91
25) 4-Bromophenyl-phenylether	16.78	248	2440	0.36	ng	97
26) Hexachlorobenzene	16.90	284	2522	0.38	ng	98
27) Pentachlorophenol	17.26	266	624	0.38	ng	97
28) Phenanthrene	17.64	178	15702	0.39	ng	99
29) Anthracene	17.73	178	13790	0.37	ng	100
30) Fluoranthene	19.65	202	64088	0.37	ng	# 87
32) Benzidine	19.83	184	3816	0.39	ng	# 94
33) Pyrene	20.02	202	65968	0.33	ng	# 80
35) Benzo(a)anthracene	21.79	228	42560	0.94	ng	# 90
36) 3,3'-Dichlorobenzidine	21.70	252	3748	0.25	ng	# 99
37) Chrysene	21.79	228	43066	0.67	ng	100
38) Bis(2-ethylhexyl)phthalate	21.64	149	12908	0.25	ng	# 100
39) Indeno(1,2,3-cd)pyrene	26.68	276	78818	0.31	ng	98
41) Benzo(b)fluoranthene	23.43	252	20270	0.39	ng	97
42) Benzo(k)fluoranthene	23.48	252	18176	0.36	ng	99
43) Benzo(a)pyrene	24.06	252	17698	0.36	ng	99
44) Dibenzo(a,h)anthracene	26.72	278	15997	0.34	ng	100
45) Benzo(g,h,i)perylene	27.47	276	66771	0.35	ng	99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 05 16:14:58 2016
Response via : Initial Calibration

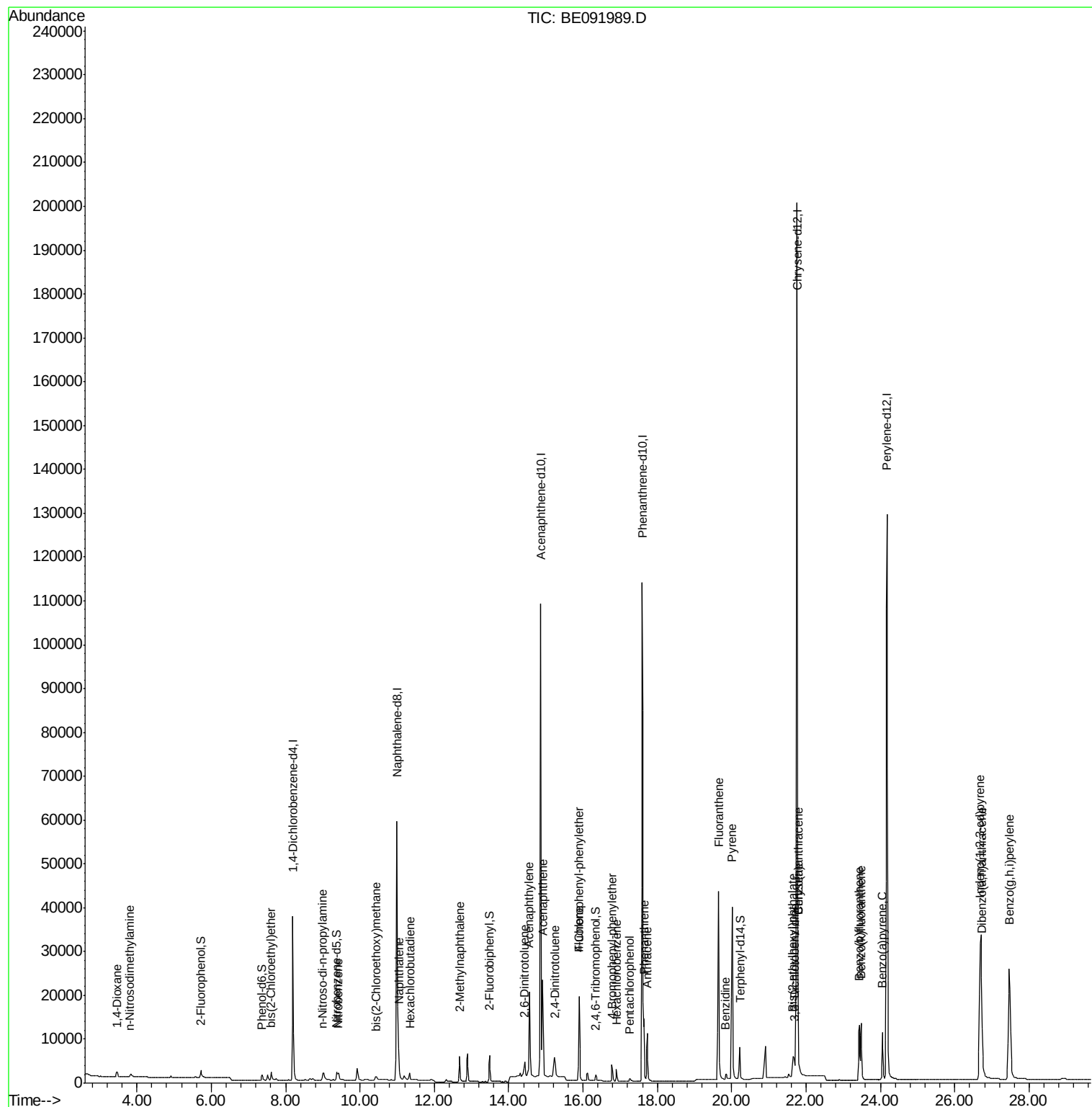
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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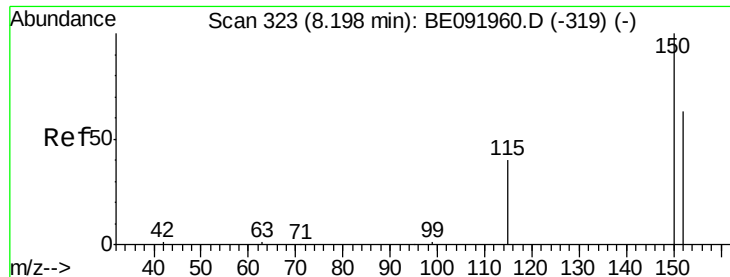
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE091989.D

Acq: 7 Jul 2016 20:20

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

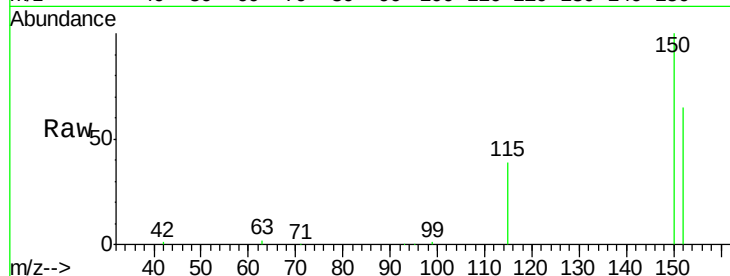
Tgt Ion:152 Resp: 20389

Ion Ratio Lower Upper

152 100

150 154.4 123.9 185.9

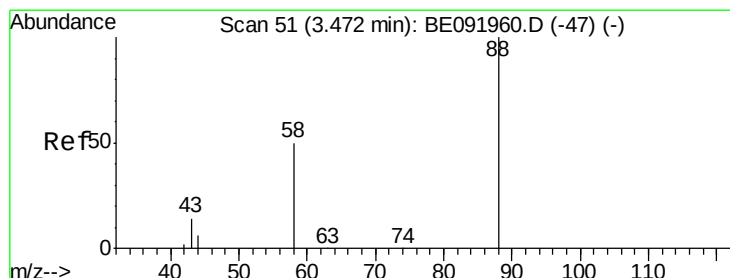
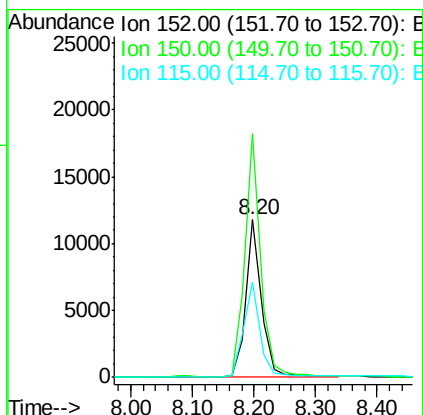
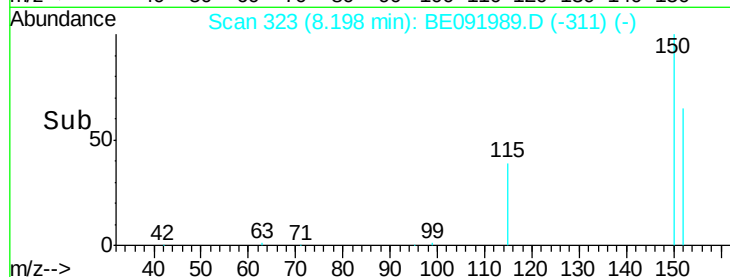
115 60.0 48.3 72.5



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: 0.39 ng

RT: 3.47 min Scan# 51

Delta R.T. -0.00 min

Lab File: BE091989.D

Acq: 7 Jul 2016 20:20

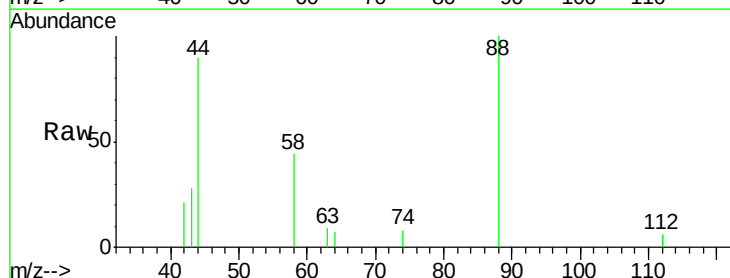
Tgt Ion: 88 Resp: 1083

Ion Ratio Lower Upper

88 100

58 86.2 63.0 94.4

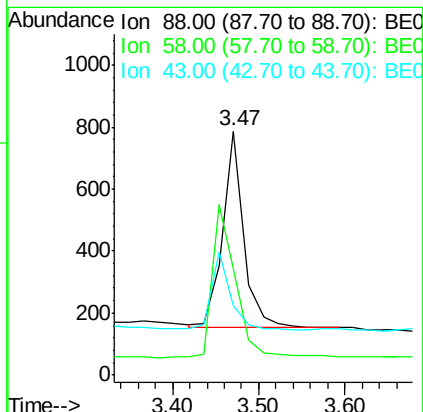
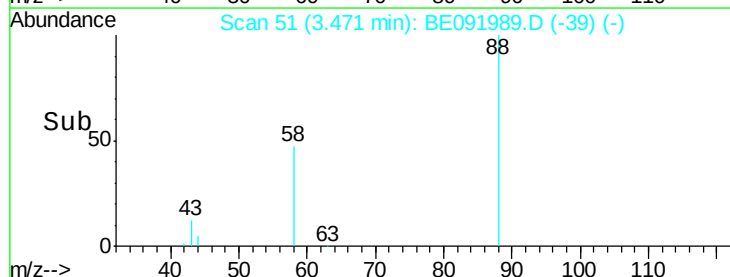
43 36.1 29.1 43.7

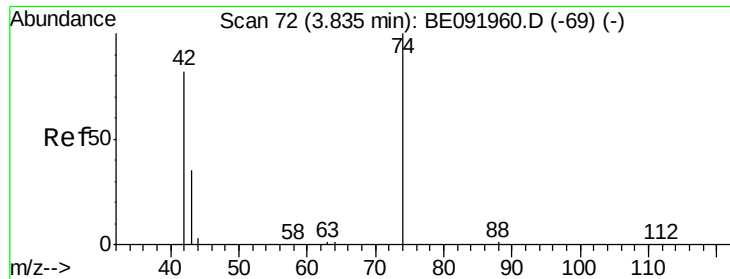


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.37 ng

RT: 3.82 min Scan# 71

Delta R.T. -0.02 min

Lab File: BE091989.D

Acq: 7 Jul 2016 20:20

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

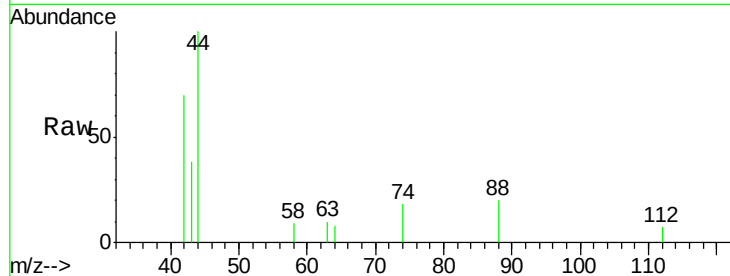
Tgt Ion: 42 Resp: 1189

Ion Ratio Lower Upper

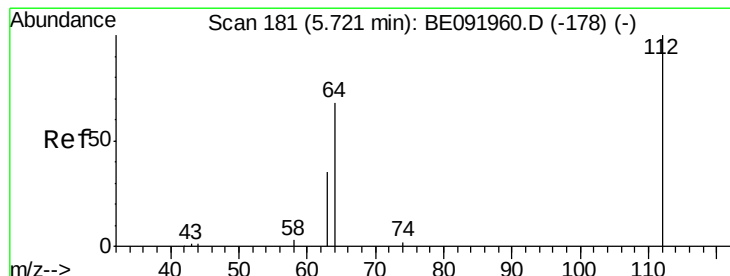
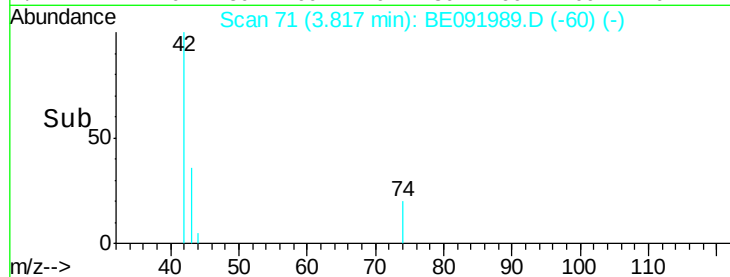
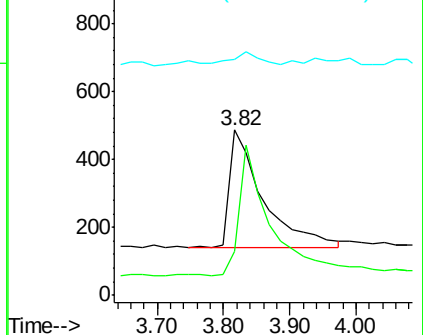
42 100

74 103.4 93.4 140.0

44 8.7 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: 0.37 ng

RT: 5.72 min Scan# 181

Delta R.T. -0.00 min

Lab File: BE091989.D

Acq: 7 Jul 2016 20:20

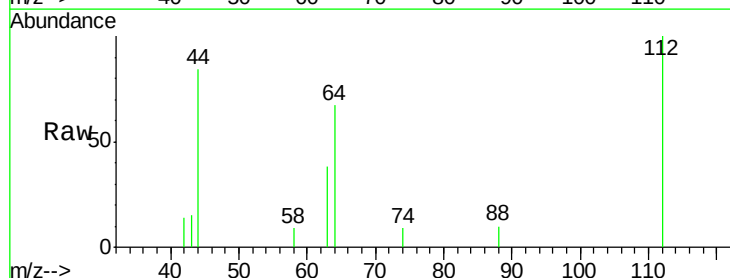
Tgt Ion: 112 Resp: 1820

Ion Ratio Lower Upper

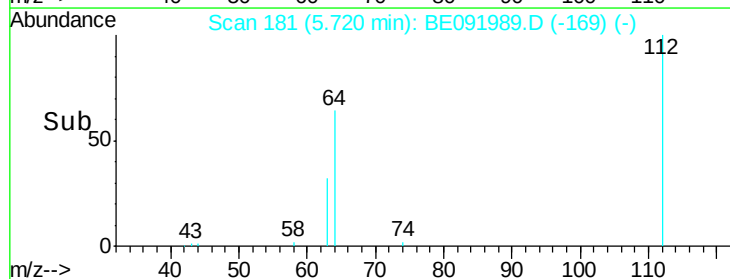
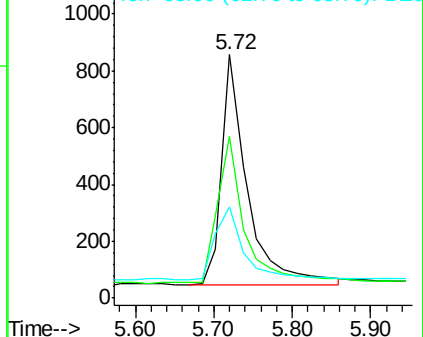
112 100

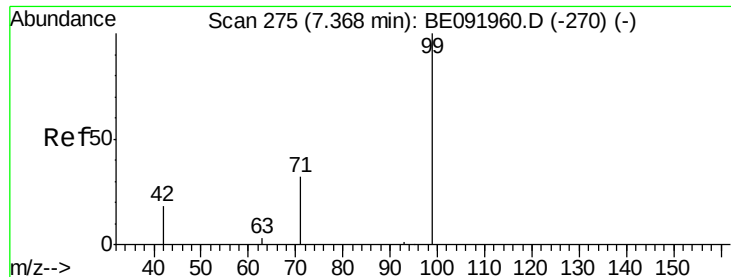
64 66.1 53.7 80.5

63 36.9 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: 0.35 ng

RT: 7.37 min Scan# 275

Delta R.T. -0.00 min

Lab File: BE091989.D

Acq: 7 Jul 2016 20:20

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

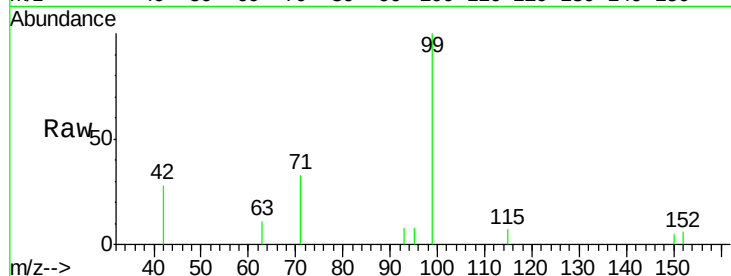
Tgt Ion: 99 Resp: 2378

Ion Ratio Lower Upper

99 100

42 26.5 19.6 29.4

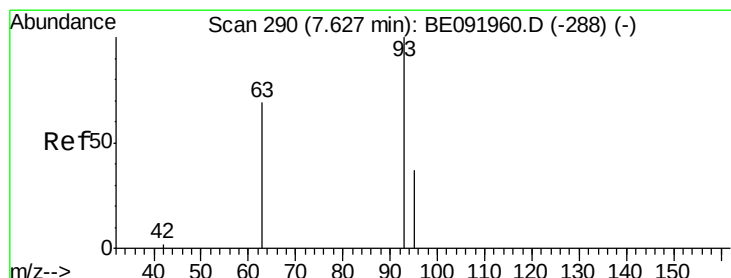
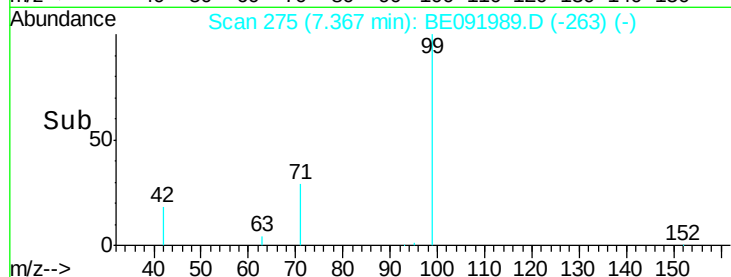
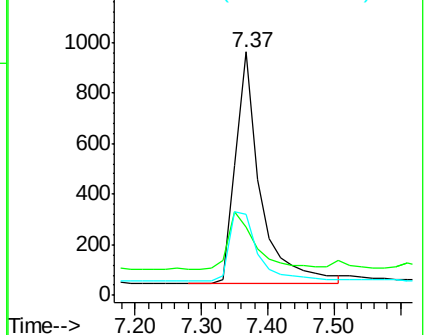
71 35.8 28.1 42.1



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: 0.38 ng

RT: 7.61 min Scan# 289

Delta R.T. -0.02 min

Lab File: BE091989.D

Acq: 7 Jul 2016 20:20

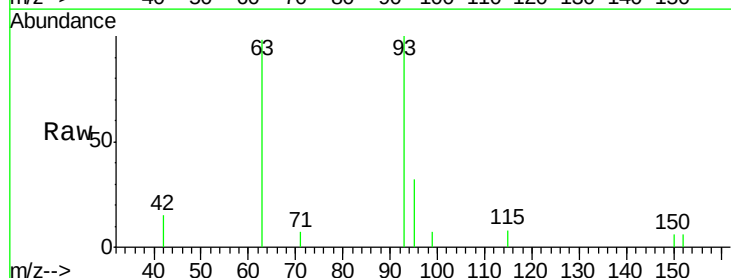
Tgt Ion: 93 Resp: 2263

Ion Ratio Lower Upper

93 100

63 79.8 66.2 99.4

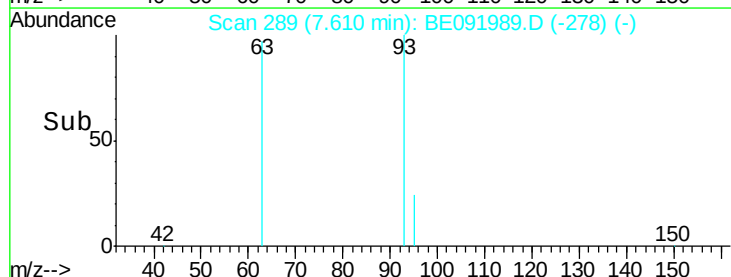
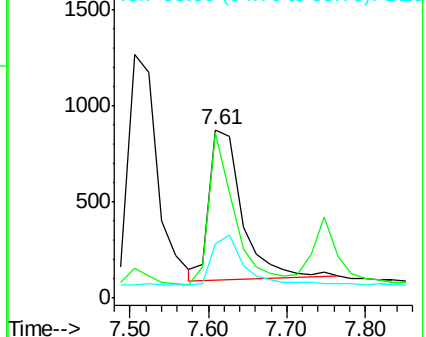
95 33.2 25.5 38.3

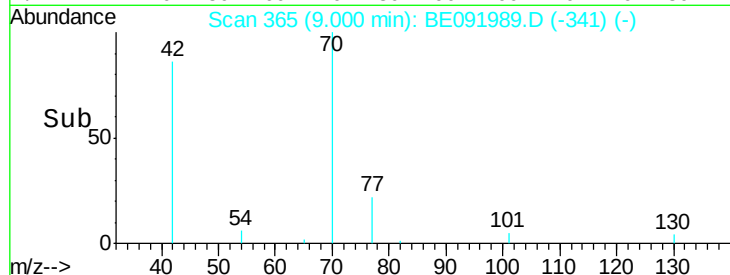
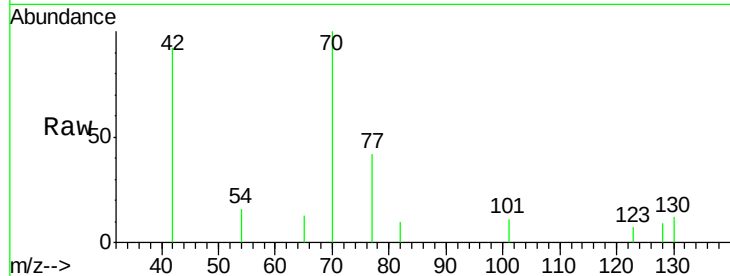
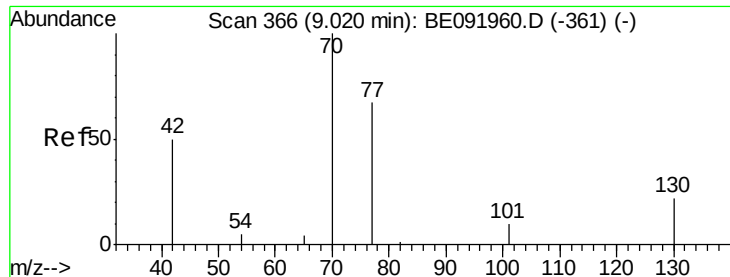


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 0.35 ng

RT: 9.00 min Scan# 365

Delta R.T. -0.02 min

Lab File: BE091989.D

Acq: 7 Jul 2016 20:20

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion: 70 Resp: 1983

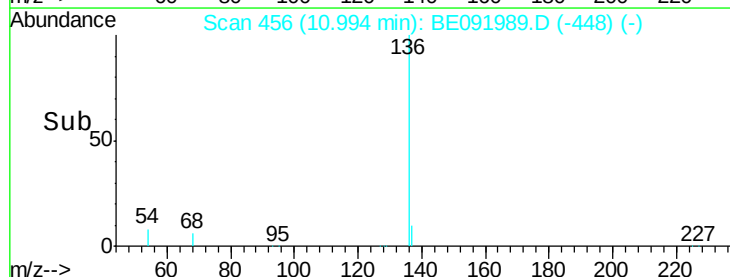
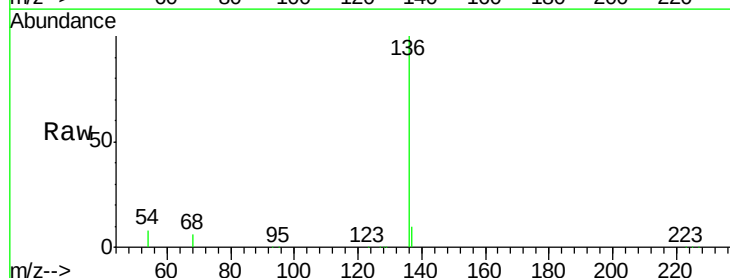
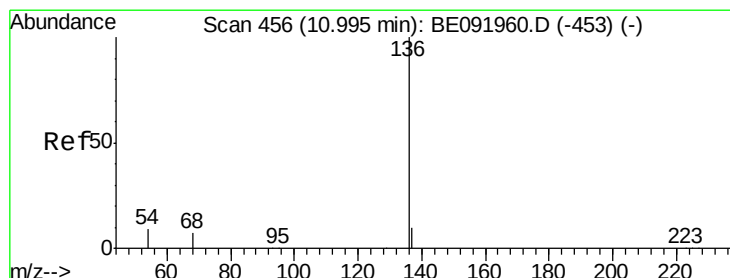
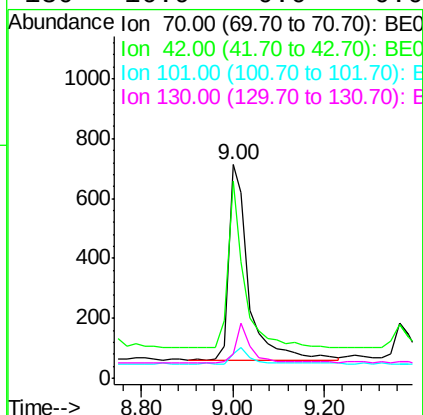
Ion Ratio Lower Upper

70 100

42 71.7 58.4 87.6

101 8.5 6.4 9.6

130 16.9 0.0 0.0#



#8

Naphthalene-d8

Concen: 5.00 ng

RT: 10.99 min Scan# 456

Delta R.T. -0.00 min

Lab File: BE091989.D

Acq: 7 Jul 2016 20:20

Tgt Ion: 136 Resp: 97340

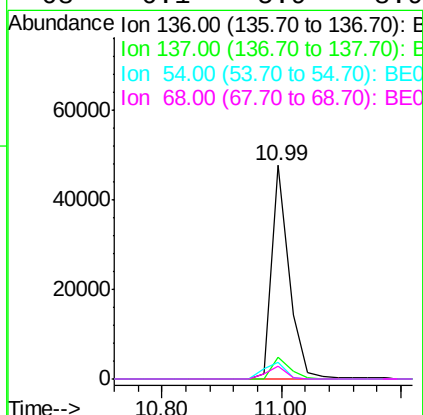
Ion Ratio Lower Upper

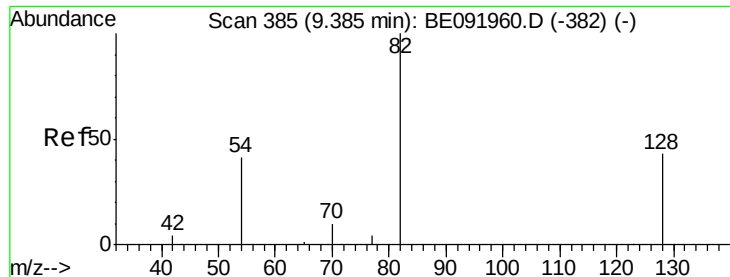
136 100

137 10.2 8.3 12.5

54 7.9 8.2 12.4#

68 6.1 5.9 8.9





#9

Nitrobenzene-d5

Concen: 0.36 ng

RT: 9.36 min Scan# 384

Delta R.T. -0.02 min

Lab File: BE091989.D

Acq: 7 Jul 2016 20:20

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

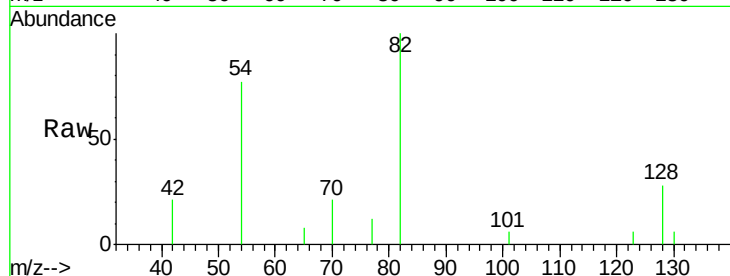
Tgt Ion: 82 Resp: 2410

Ion Ratio Lower Upper

82 100

128 27.8 39.5 59.3#

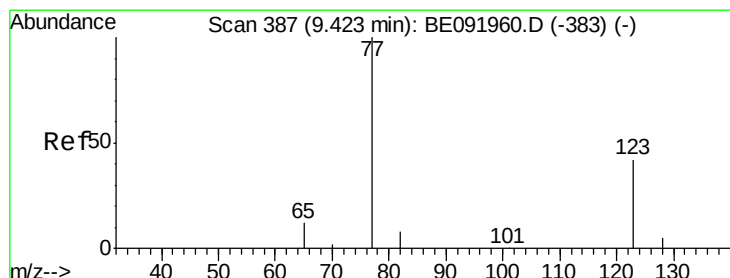
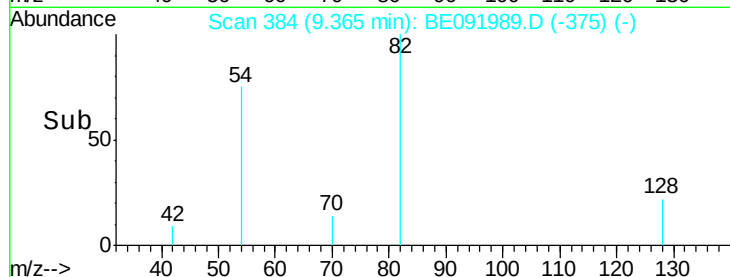
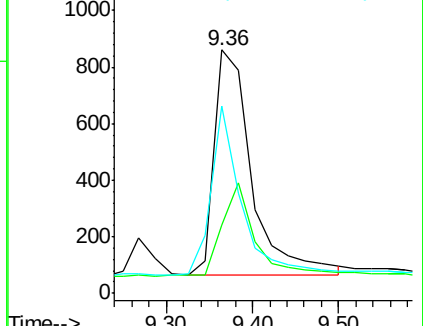
54 77.0 30.3 45.5#



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: 0.35 ng

RT: 9.42 min Scan# 387

Delta R.T. -0.00 min

Lab File: BE091989.D

Acq: 7 Jul 2016 20:20

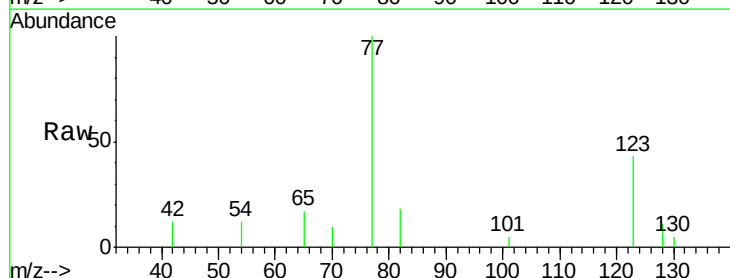
Tgt Ion: 77 Resp: 2550

Ion Ratio Lower Upper

77 100

123 37.6 0.0 0.0#

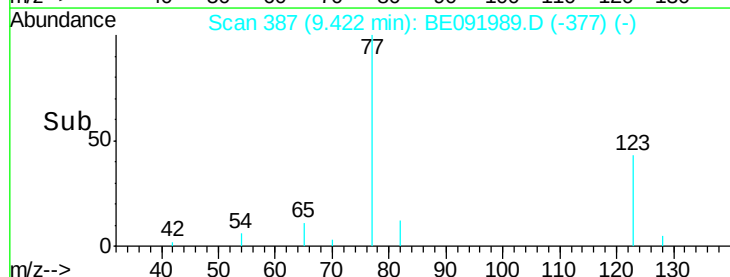
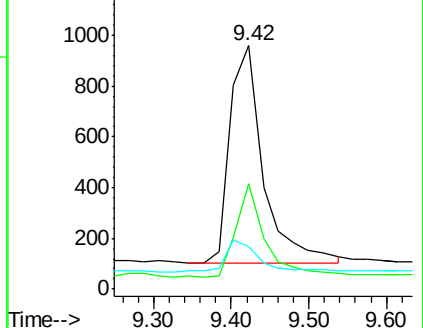
65 14.5 11.1 16.7

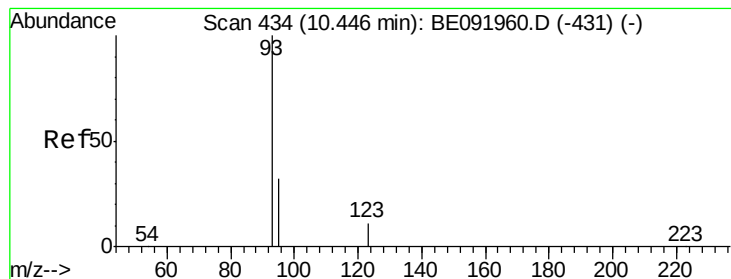


Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0





#11

bis(2-Chloroethoxy)methane

Concen: 0.42 ng

RT: 10.42 min Scan# 433

Delta R.T. -0.03 min

Lab File: BE091989.D

Acq: 7 Jul 2016 20:20

Instrument :

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ClientSampleId :

SSTDCCC0.4EC

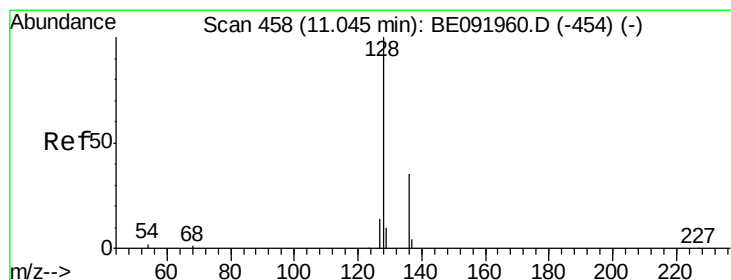
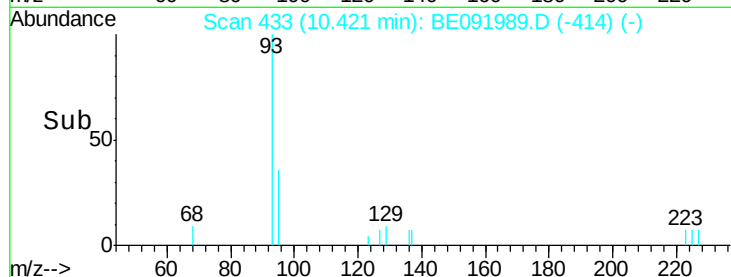
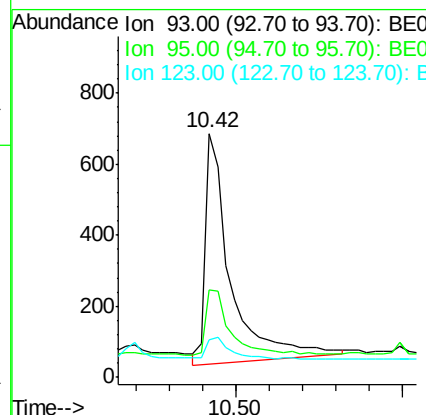
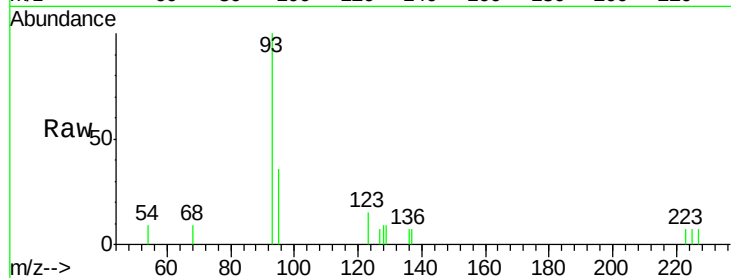
Tgt Ion: 93 Resp: 3412

Ion Ratio Lower Upper

93 100

95 39.0 57.6 86.4#

123 0.0 100.2 150.4#



#12

Naphthalene

Concen: 0.39 ng

RT: 11.04 min Scan# 458

Delta R.T. -0.00 min

Lab File: BE091989.D

Acq: 7 Jul 2016 20:20

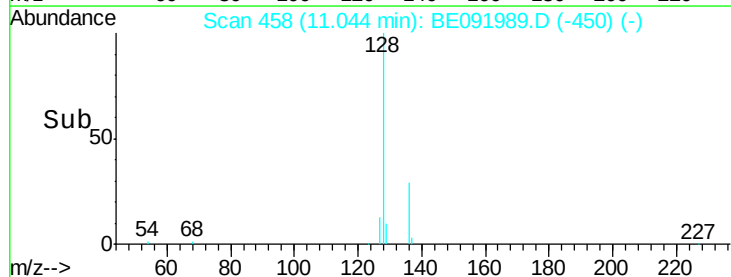
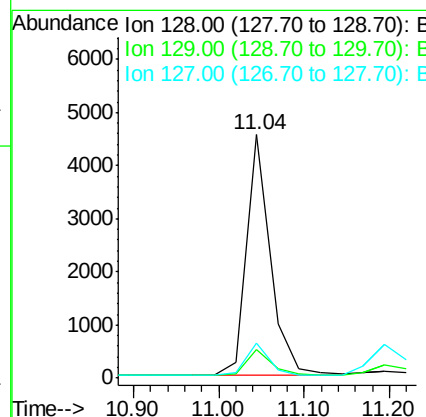
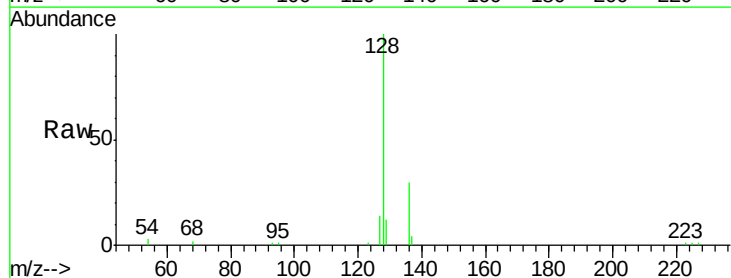
Tgt Ion: 128 Resp: 8869

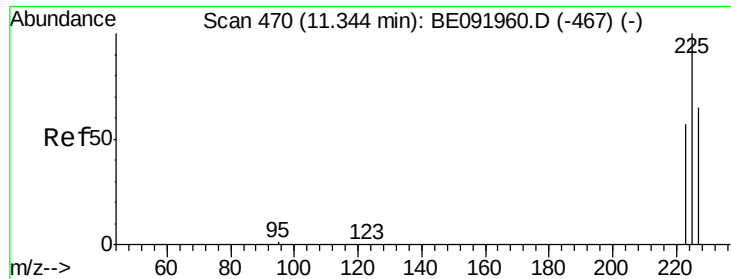
Ion Ratio Lower Upper

128 100

129 11.6 10.4 15.6

127 14.2 10.2 15.2

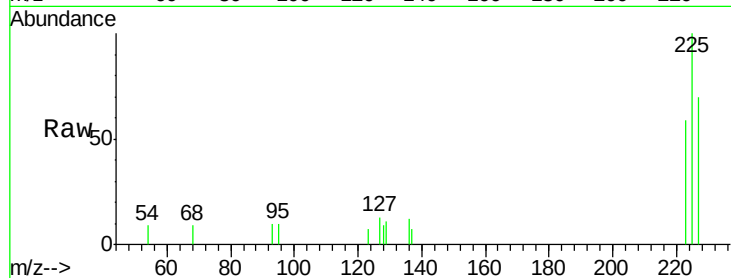




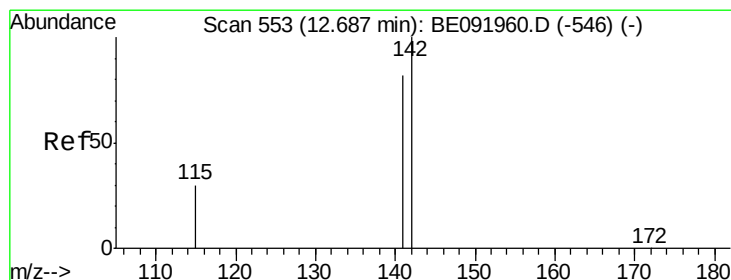
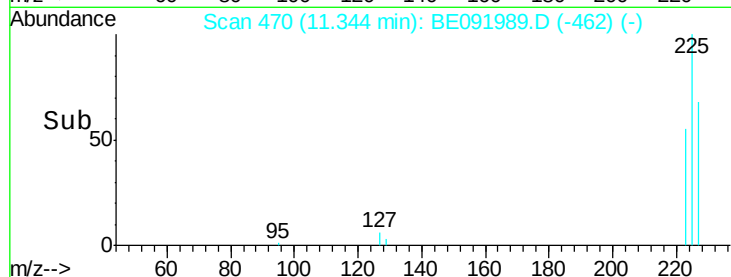
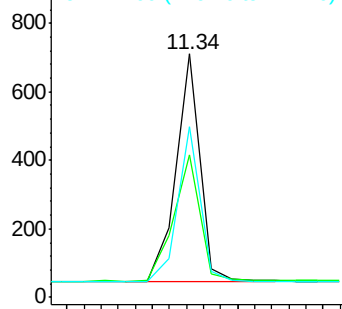
#13
Hexachlorobutadiene
Concen: 0.38 ng
RT: 11.34 min Scan# 470
Delta R.T. -0.00 min
Lab File: BE091989.D
Acq: 7 Jul 2016 20:20

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 225 Resp: 1309
Ion Ratio Lower Upper
225 100
223 60.4 49.8 74.8
227 63.8 50.6 75.8

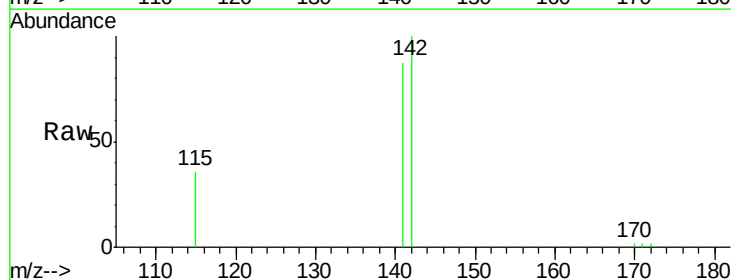


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

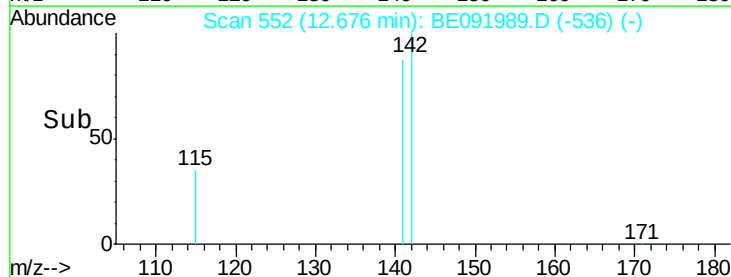
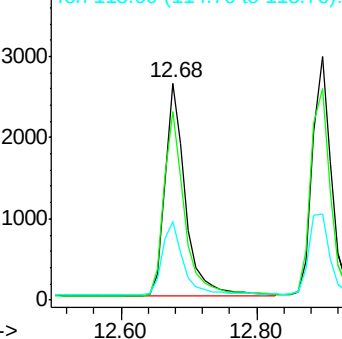


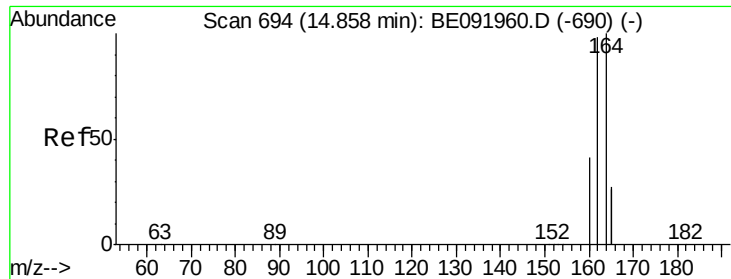
#14
2-Methylnaphthalene
Concen: 0.38 ng
RT: 12.68 min Scan# 552
Delta R.T. -0.01 min
Lab File: BE091989.D
Acq: 7 Jul 2016 20:20

Tgt Ion: 142 Resp: 5516
Ion Ratio Lower Upper
142 100
141 87.2 71.9 107.9
115 36.4 29.9 44.9



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

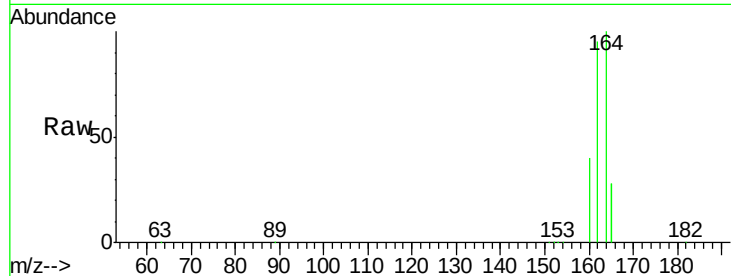




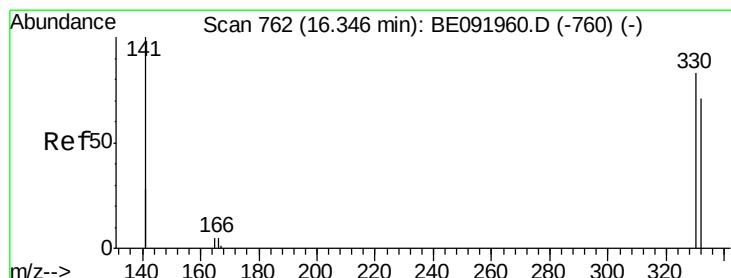
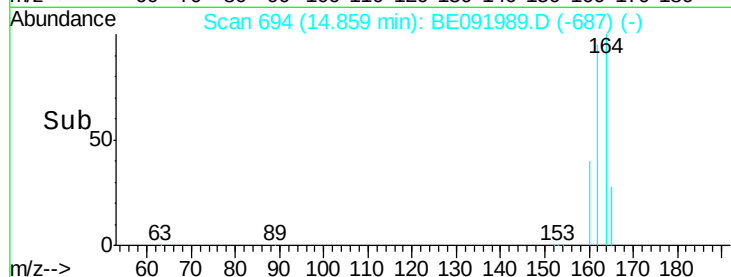
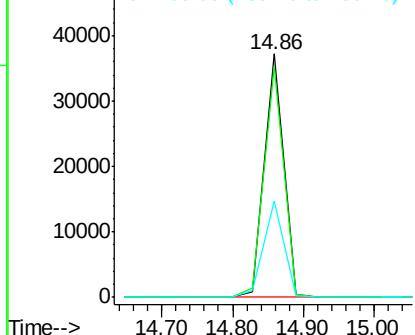
#15
 Acenaphthene-d10
 Concen: 5.00 ng
 RT: 14.86 min Scan# 694
 Delta R.T. 0.00 min
 Lab File: BE091989.D
 Acq: 7 Jul 2016 20:20

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tgt Ion:164 Resp: 69817
 Ion Ratio Lower Upper
 164 100
 162 95.0 71.8 107.8
 160 39.8 28.0 42.0

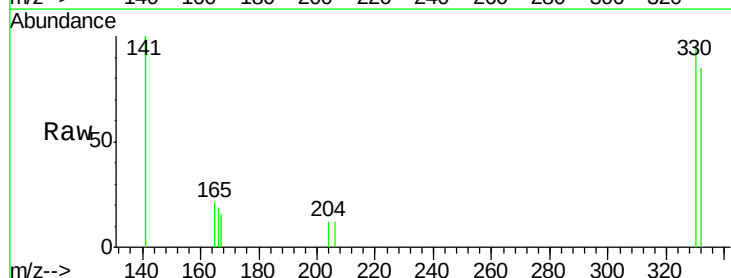


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

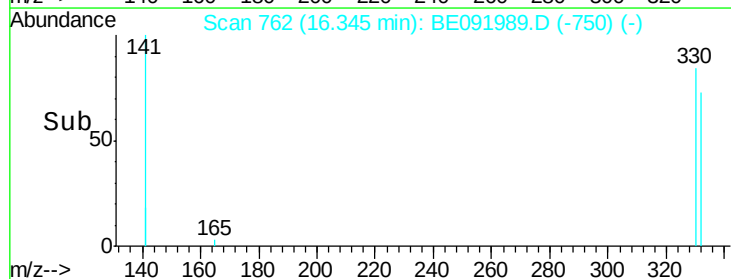
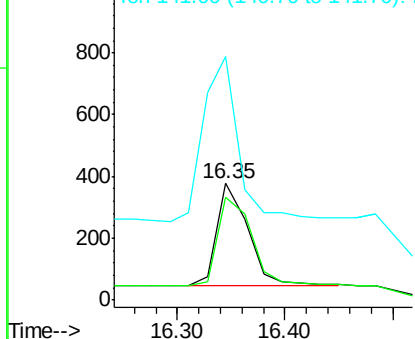


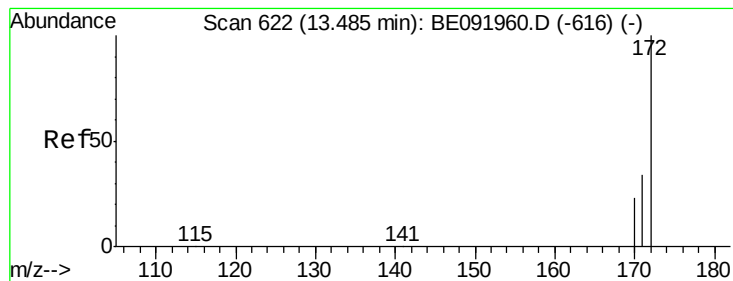
#16
 2,4,6-Tribromophenol
 Concen: 0.41 ng
 RT: 16.35 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BE091989.D
 Acq: 7 Jul 2016 20:20

Tgt Ion:330 Resp: 676
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 181.5 138.4 207.6



Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

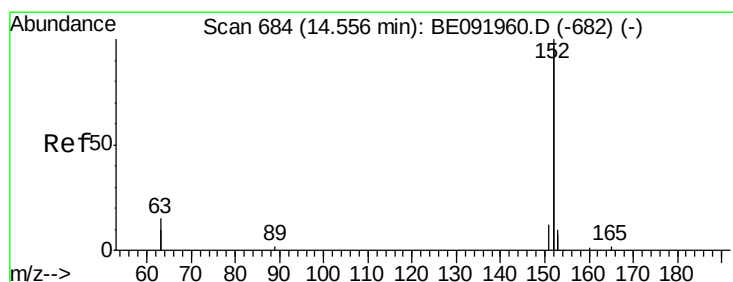
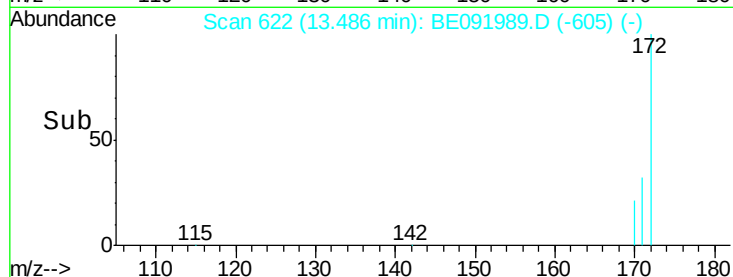
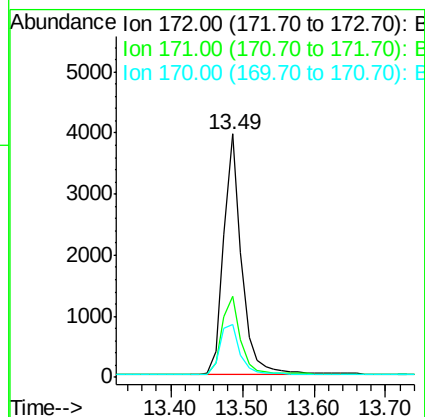
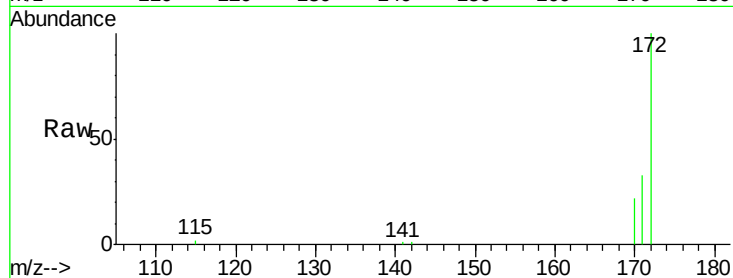




#17
2-Fluorobiphenyl
Concen: 0.40 ng
RT: 13.49 min Scan# 622
Delta R.T. 0.00 min
Lab File: BE091989.D
Acq: 7 Jul 2016 20:20

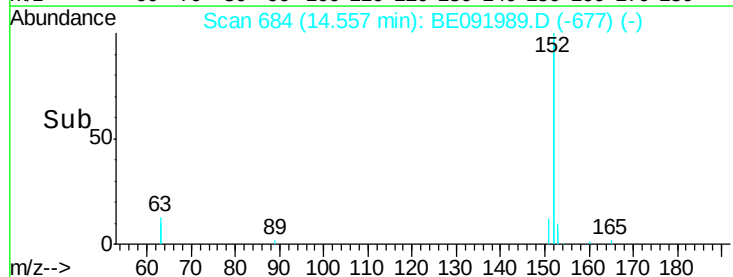
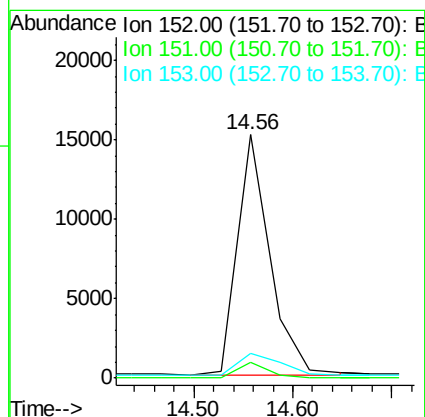
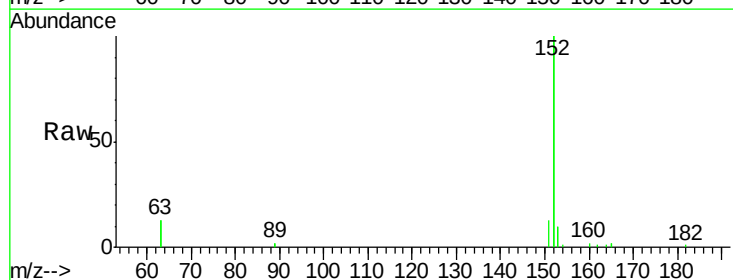
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

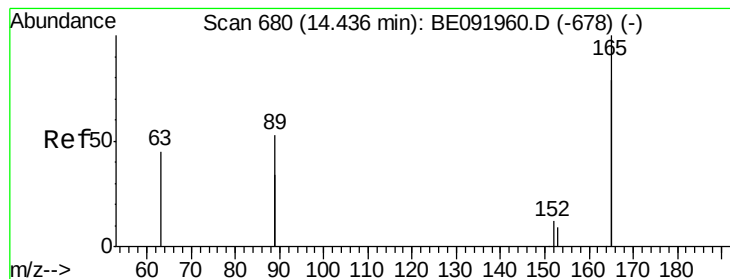
Tgt Ion:172 Resp: 6844
Ion Ratio Lower Upper
172 100
171 33.4 24.3 36.5
170 21.7 14.9 22.3



#18
Acenaphthylene
Concen: 0.40 ng
RT: 14.56 min Scan# 684
Delta R.T. 0.00 min
Lab File: BE091989.D
Acq: 7 Jul 2016 20:20

Tgt Ion:152 Resp: 34715
Ion Ratio Lower Upper
152 100
151 5.6 19.4 29.2#
153 11.4 14.4 21.6#





#19

2,6-Dinitrotoluene

Concen: 0.35 ng

RT: 14.44 min Scan# 680

Delta R.T. 0.00 min

Lab File: BE091989.D

Acq: 7 Jul 2016 20:20

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

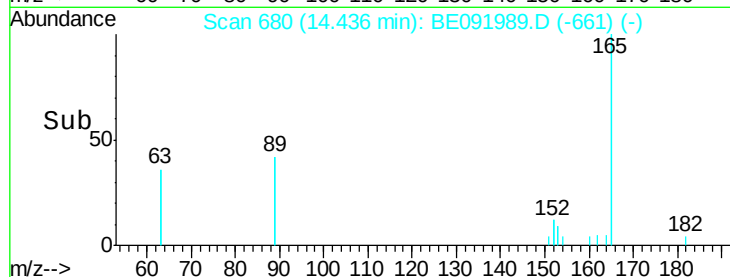
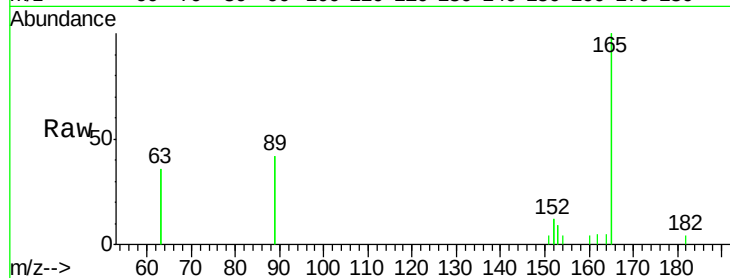
Tgt Ion:165 Resp: 4515

Ion Ratio Lower Upper

165 100

63 0.0 65.9 98.9#

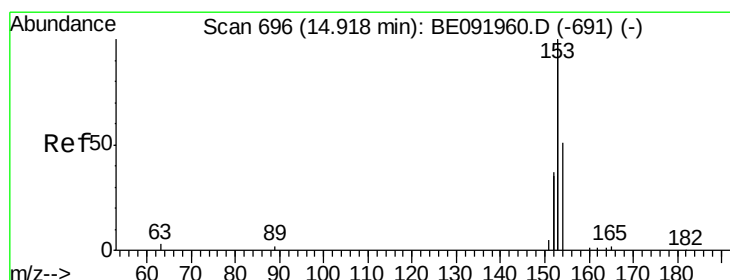
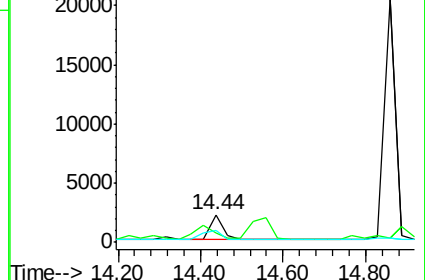
89 57.1 59.1 88.7#



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: 0.37 ng

RT: 14.92 min Scan# 696

Delta R.T. 0.00 min

Lab File: BE091989.D

Acq: 7 Jul 2016 20:20

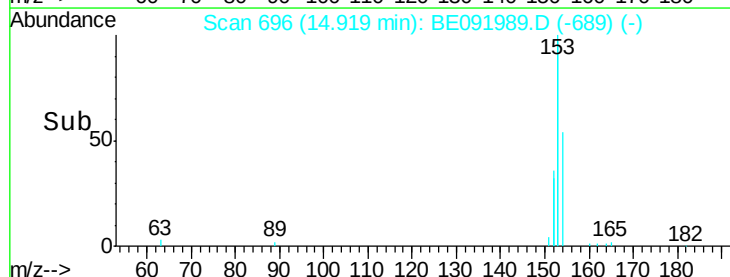
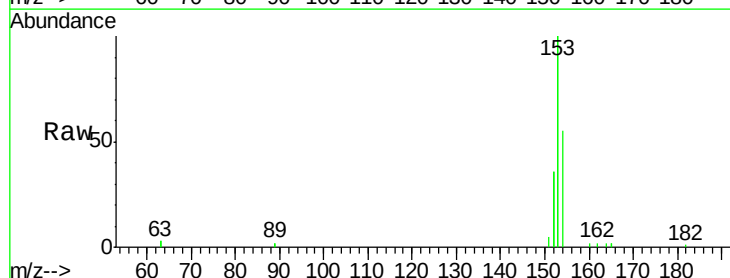
Tgt Ion:154 Resp: 7077

Ion Ratio Lower Upper

154 100

153 380.5 88.1 132.1#

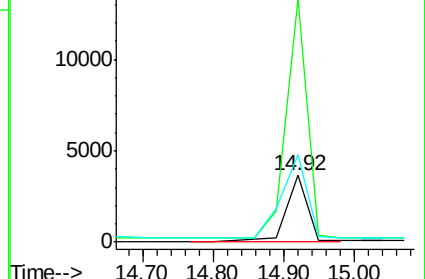
152 161.4 44.2 66.2#

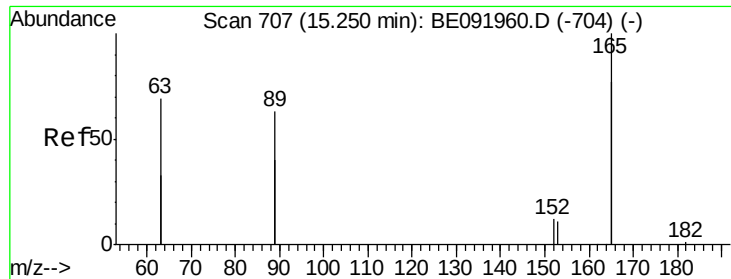


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

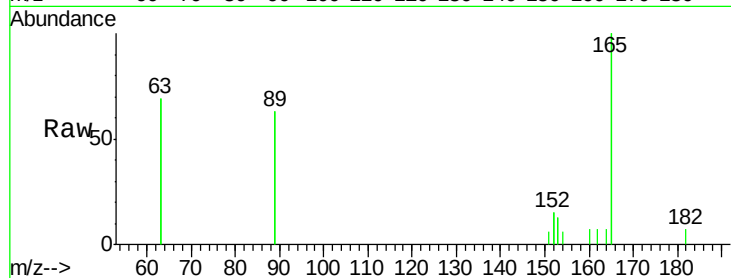




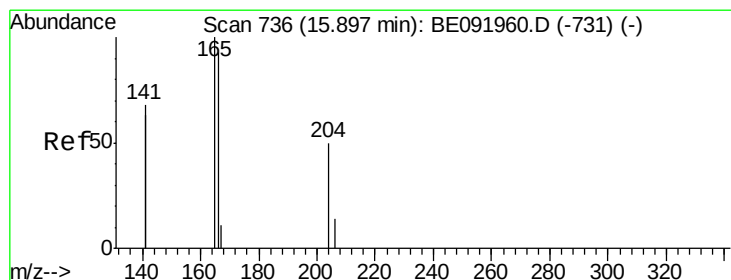
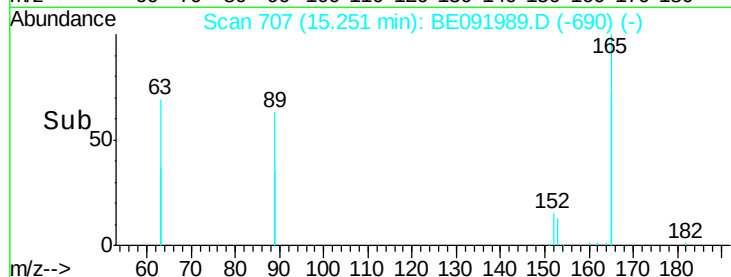
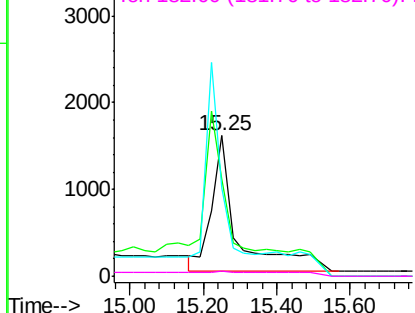
#21
2,4-Dinitrotoluene
Concen: 0.56 ng
RT: 15.25 min Scan# 707
Delta R.T. 0.00 min
Lab File: BE091989.D
Acq: 7 Jul 2016 20:20

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:165 Resp: 7848
Ion Ratio Lower Upper
165 100
63 0.0 0.0 0.0
89 0.0 99.8 149.8#
182 0.0 0.0 0.0

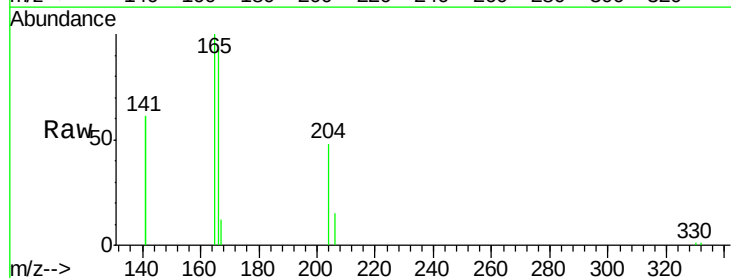


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BE0
Ion 89.00 (88.70 to 89.70): BE0
Ion 182.00 (181.70 to 182.70): E

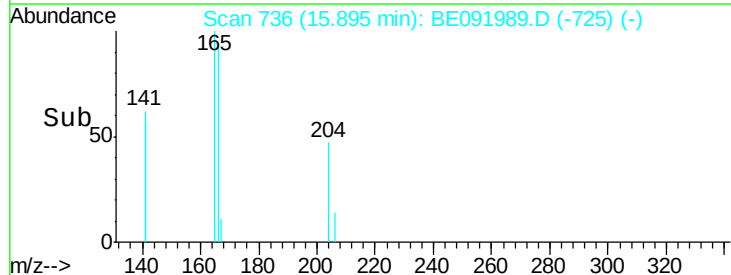
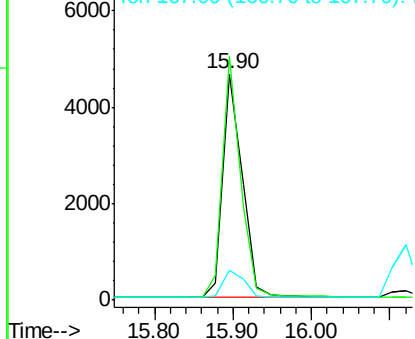


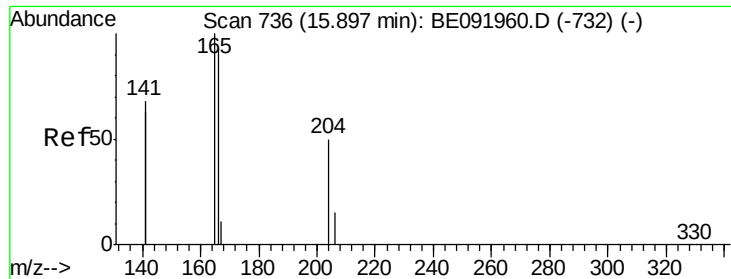
#22
Fluorene
Concen: 0.40 ng
RT: 15.90 min Scan# 736
Delta R.T. -0.00 min
Lab File: BE091989.D
Acq: 7 Jul 2016 20:20

Tgt Ion:166 Resp: 7987
Ion Ratio Lower Upper
166 100
165 100.1 78.6 117.8
167 13.6 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

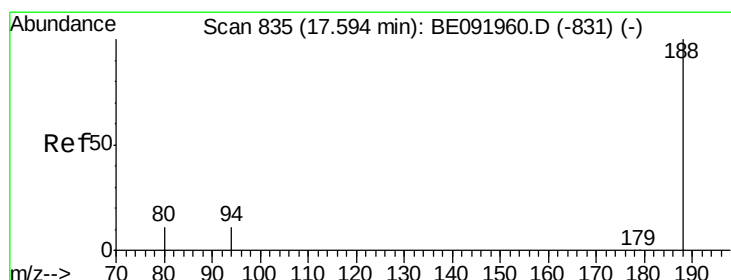
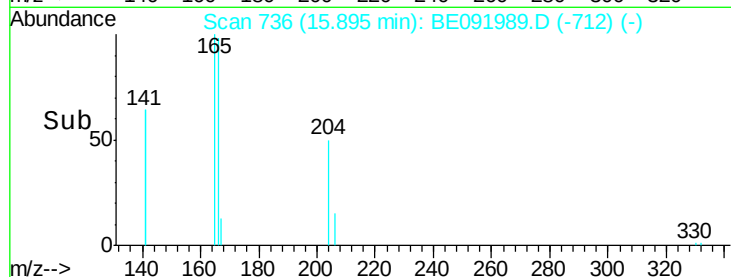
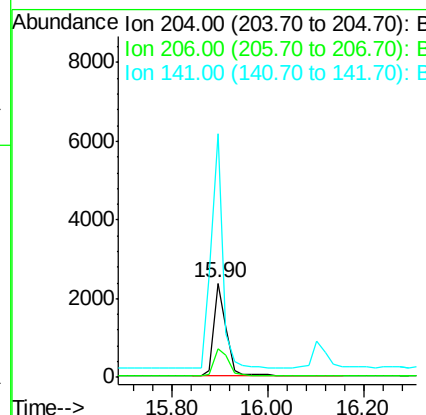
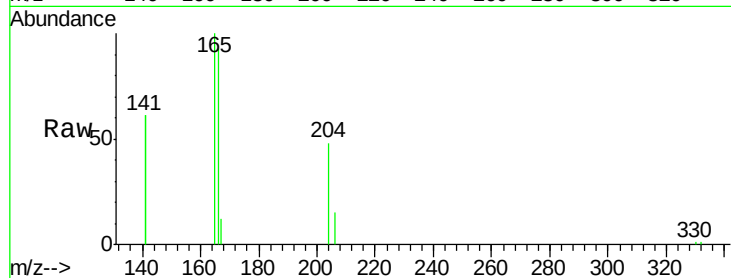




#23
 4-Chlorophenyl-phenylether
 Concen: 0.41 ng
 RT: 15.90 min Scan# 736
 Delta R.T. -0.00 min
 Lab File: BE091989.D
 Acq: 7 Jul 2016 20:20

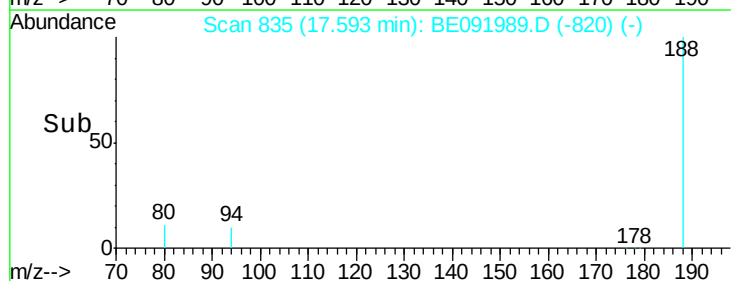
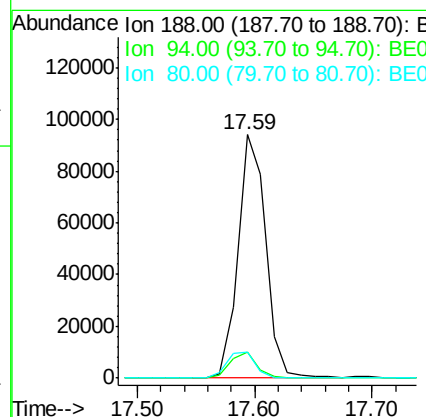
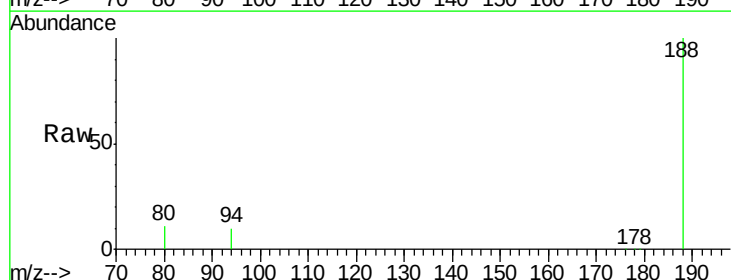
Instrument :
 BNA_E
 ClientSampleId :
 SSTCCCC0.4EC

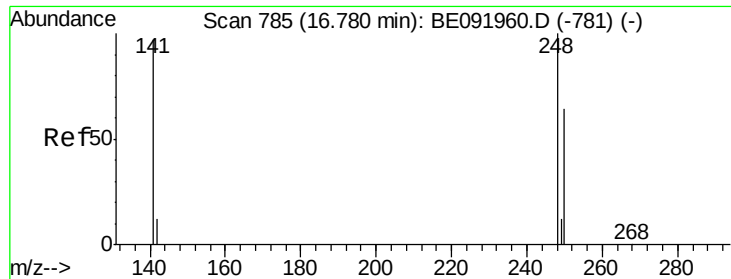
Tgt Ion: 204 Resp: 4138
 Ion Ratio Lower Upper
 204 100
 206 33.4 27.8 41.6
 141 263.8 197.6 296.4



#24
 Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.59 min Scan# 835
 Delta R.T. -0.00 min
 Lab File: BE091989.D
 Acq: 7 Jul 2016 20:20

Tgt Ion: 188 Resp: 153954
 Ion Ratio Lower Upper
 188 100
 94 10.5 4.1 6.1#
 80 10.5 3.4 5.2#

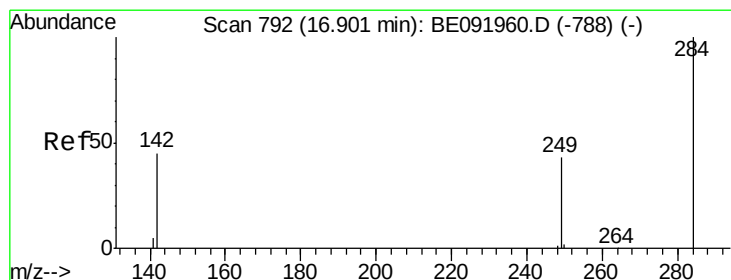
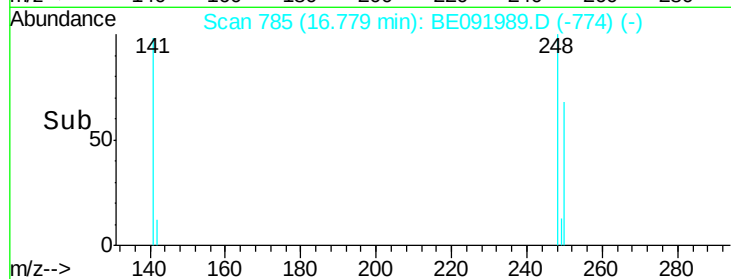
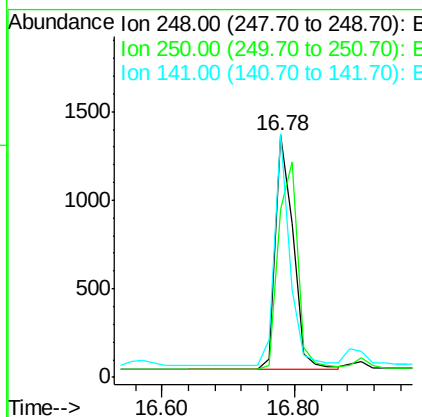
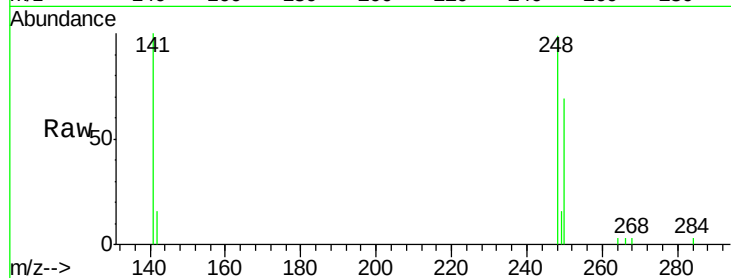




#25
4-Bromophenyl-phenylether
Concen: 0.36 ng
RT: 16.78 min Scan# 785
Delta R.T. -0.00 min
Lab File: BE091989.D
Acq: 7 Jul 2016 20:20

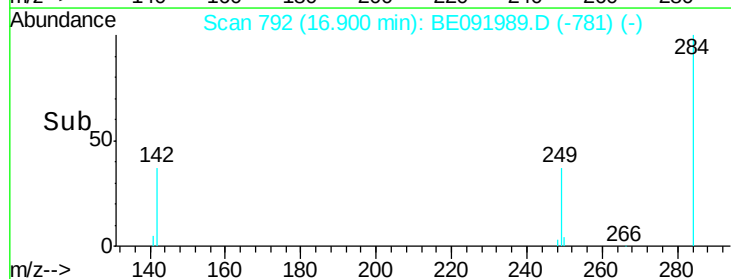
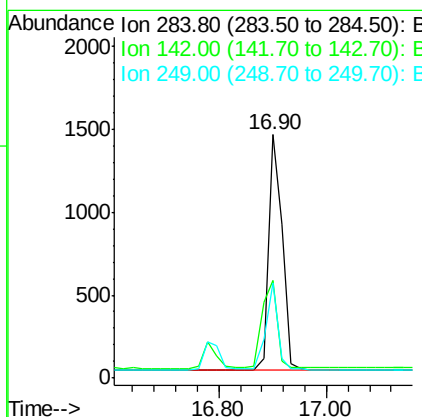
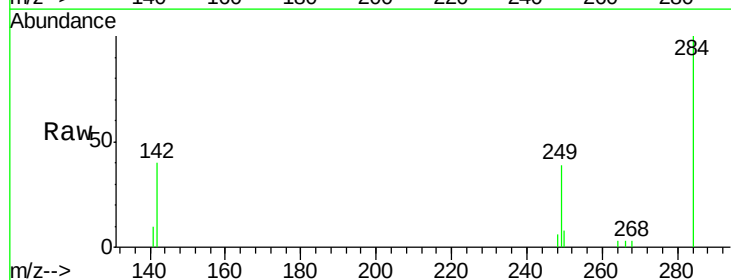
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

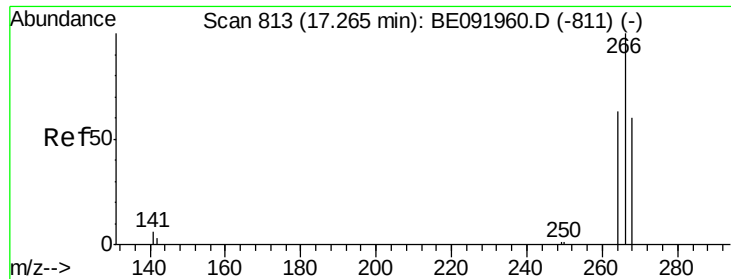
Tgt Ion:248 Resp: 2440
Ion Ratio Lower Upper
248 100
250 96.8 75.7 113.5
141 84.4 64.6 97.0



#26
Hexachlorobenzene
Concen: 0.38 ng
RT: 16.90 min Scan# 792
Delta R.T. -0.00 min
Lab File: BE091989.D
Acq: 7 Jul 2016 20:20

Tgt Ion:284 Resp: 2522
Ion Ratio Lower Upper
284 100
142 40.7 31.4 47.2
249 32.1 25.3 37.9

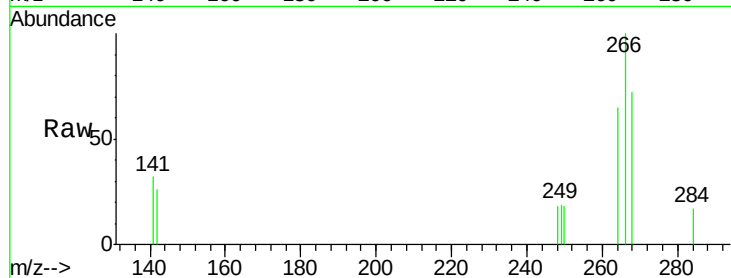




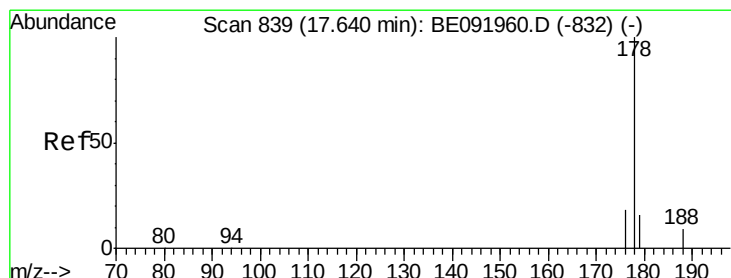
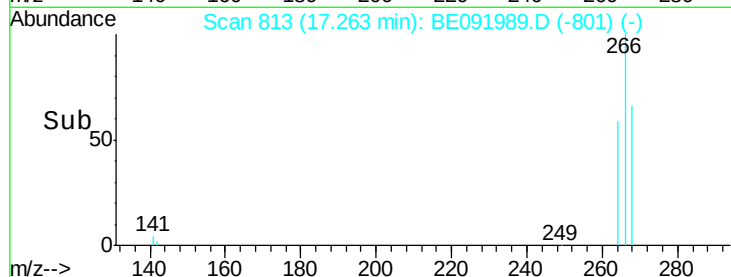
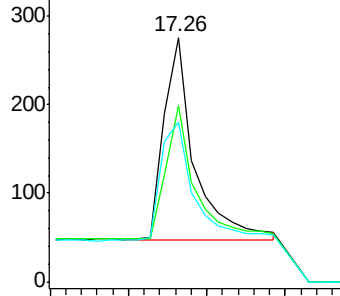
#27
 Pentachlorophenol
 Concen: 0.38 ng
 RT: 17.26 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BE091989.D
 Acq: 7 Jul 2016 20:20

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tgt Ion: 266 Resp: 624
 Ion Ratio Lower Upper
 266 100
 268 72.1 60.5 90.7
 264 65.2 51.0 76.4

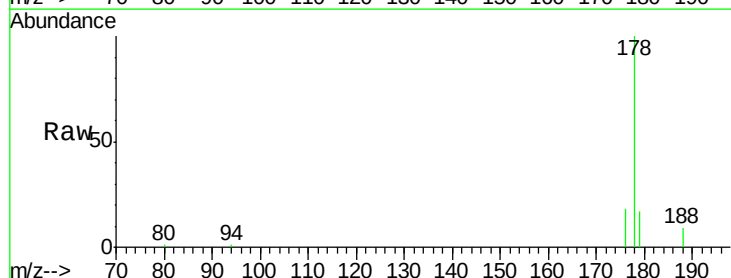


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

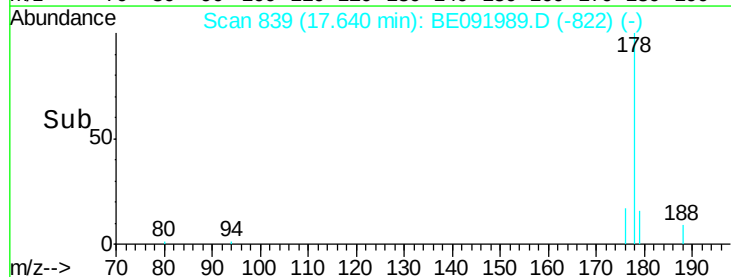
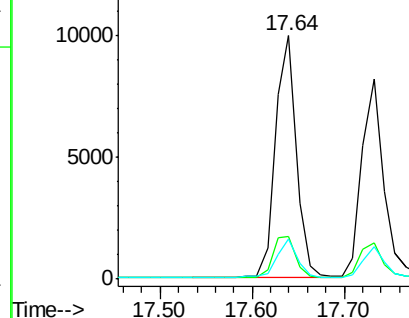


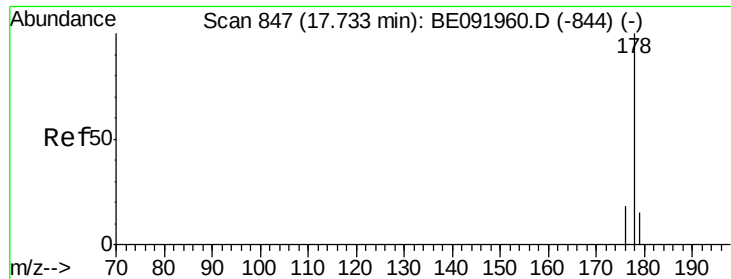
#28
 Phenanthrene
 Concen: 0.39 ng
 RT: 17.64 min Scan# 839
 Delta R.T. -0.00 min
 Lab File: BE091989.D
 Acq: 7 Jul 2016 20:20

Tgt Ion: 178 Resp: 15702
 Ion Ratio Lower Upper
 178 100
 176 19.0 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





#29

Anthracene

Concen: 0.37 ng

RT: 17.73 min Scan# 847

Delta R.T. -0.00 min

Lab File: BE091989.D

Acq: 7 Jul 2016 20:20

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

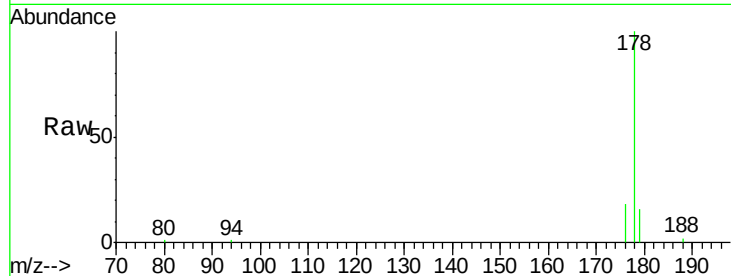
Tgt Ion:178 Resp: 13790

Ion Ratio Lower Upper

178 100

176 18.7 15.1 22.7

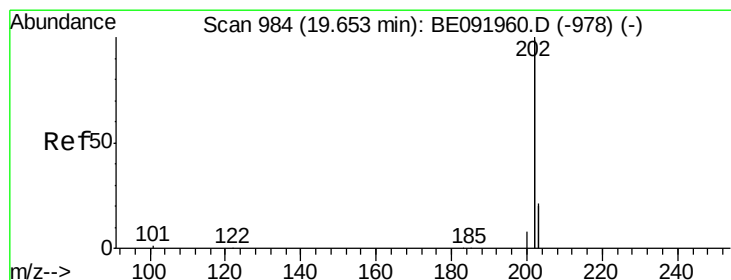
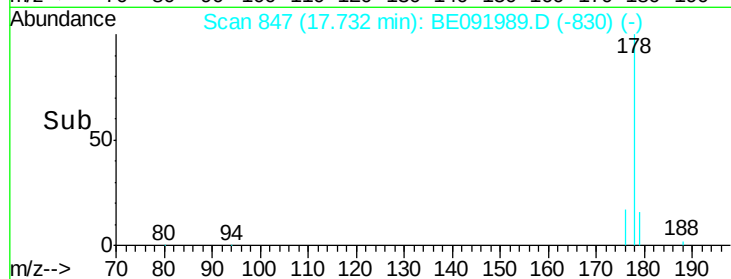
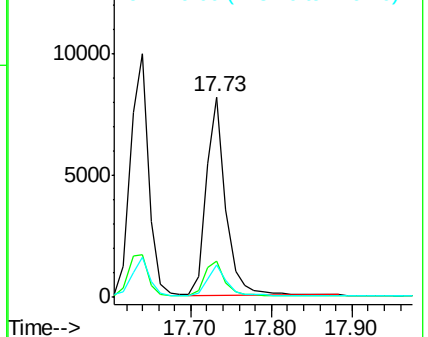
179 15.2 12.1 18.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#30

Fluoranthene

Concen: 0.37 ng

RT: 19.65 min Scan# 984

Delta R.T. -0.00 min

Lab File: BE091989.D

Acq: 7 Jul 2016 20:20

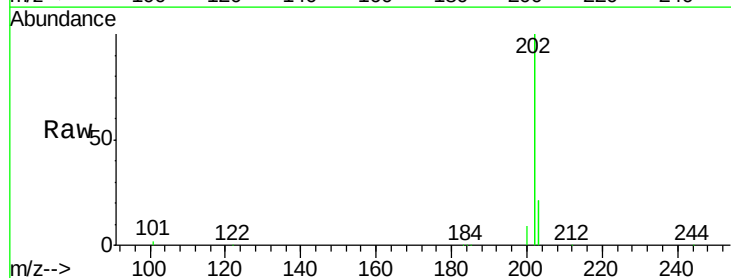
Tgt Ion:202 Resp: 64088

Ion Ratio Lower Upper

202 100

101 0.0 9.4 14.0#

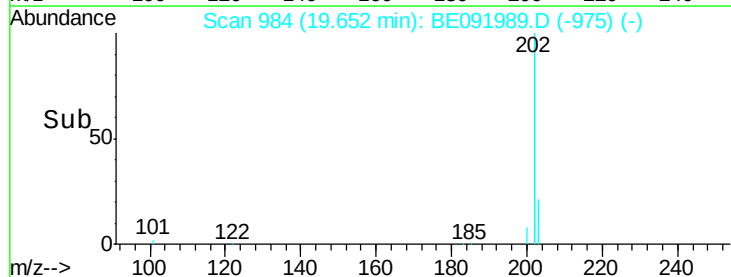
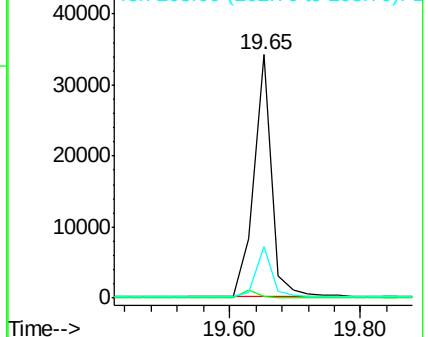
203 18.8 14.3 21.5

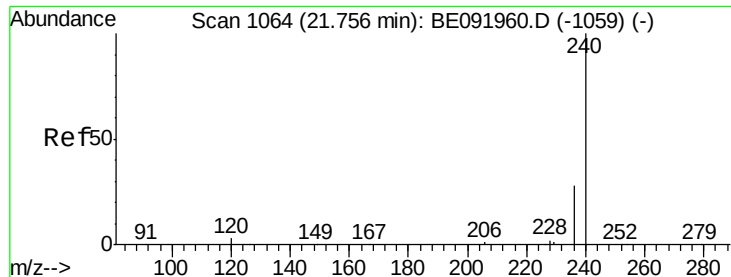


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

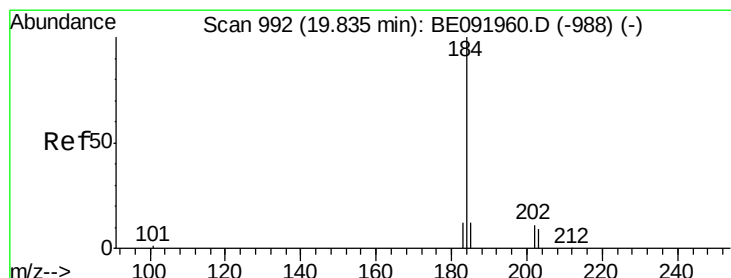
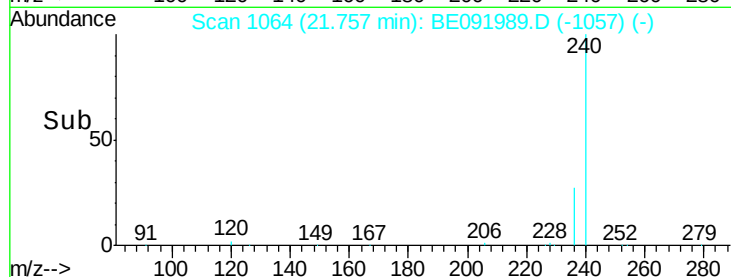
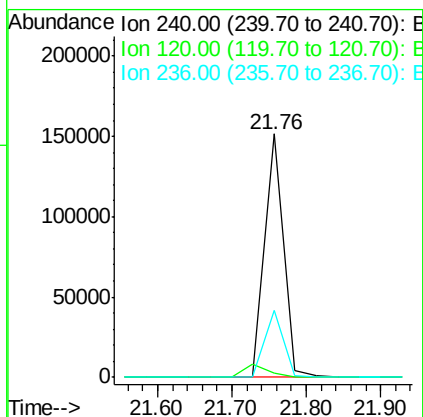
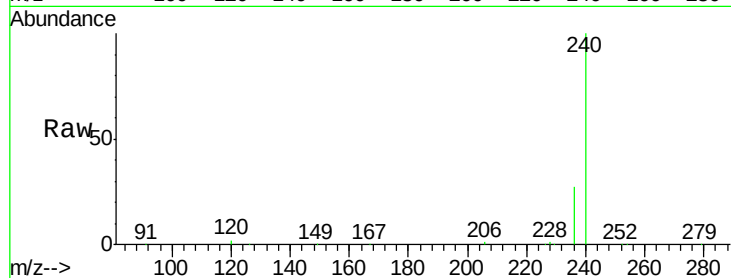




#31
Chrysene-d12
Concen: 5.00 ng
RT: 21.76 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BE091989.D
Acq: 7 Jul 2016 20:20

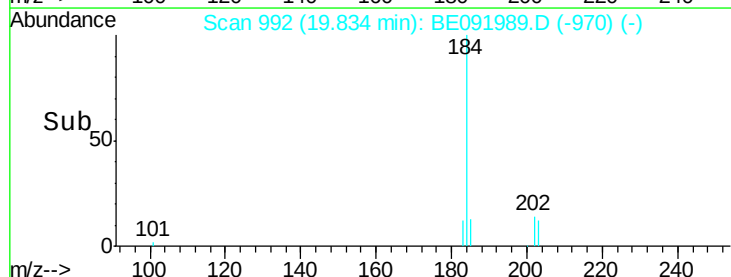
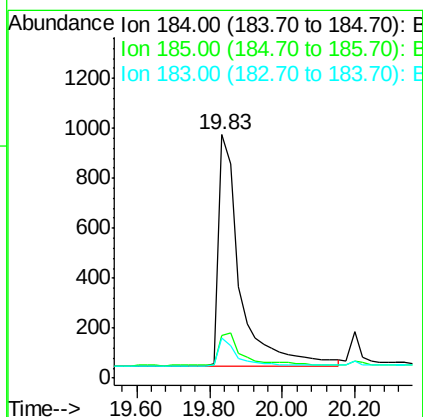
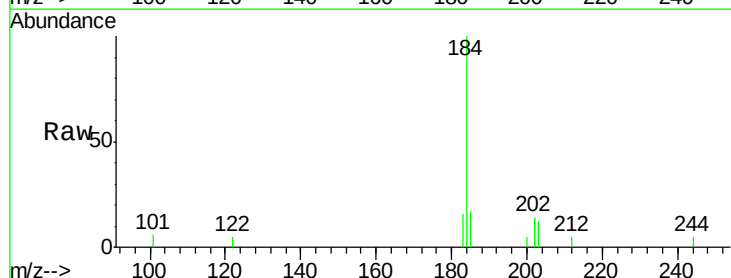
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

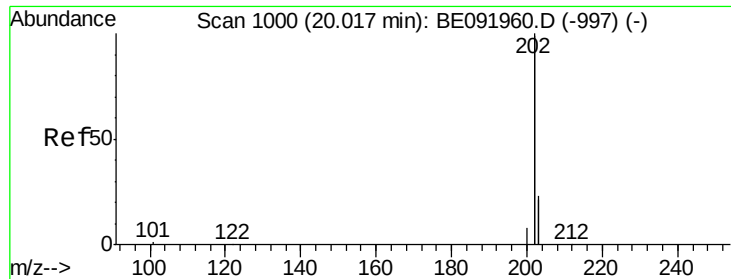
Tgt Ion:240 Resp: 271147
Ion Ratio Lower Upper
240 100
120 1.6 1.2 1.8
236 27.4 19.8 29.8



#32
Benzidine
Concen: 0.39 ng
RT: 19.83 min Scan# 992
Delta R.T. -0.00 min
Lab File: BE091989.D
Acq: 7 Jul 2016 20:20

Tgt Ion:184 Resp: 3816
Ion Ratio Lower Upper
184 100
185 17.3 11.4 17.2#
183 16.4 11.8 17.6

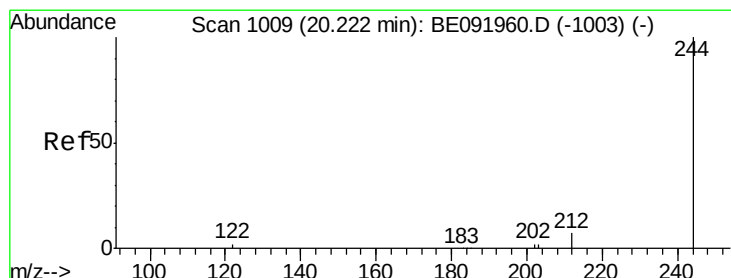
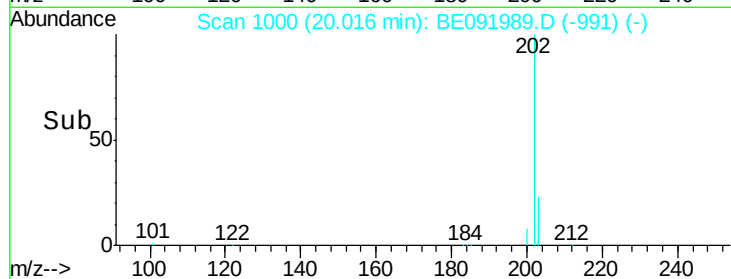
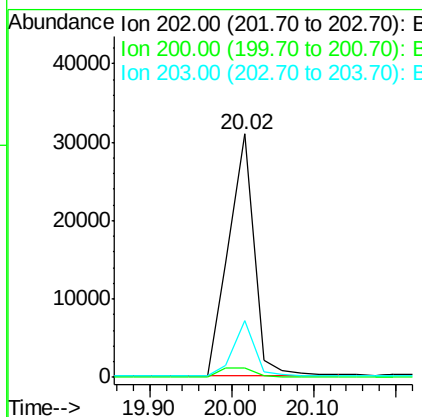
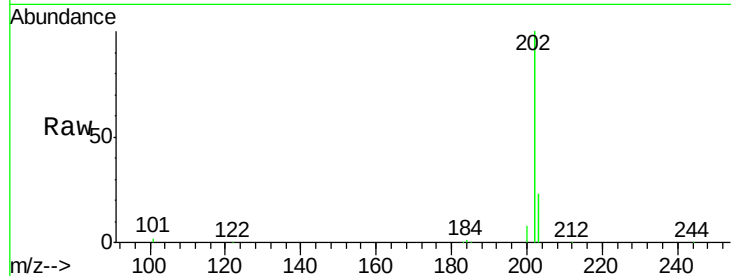




#33
 Pyrene
 Concen: 0.33 ng
 RT: 20.02 min Scan# 1000
 Delta R.T. -0.00 min
 Lab File: BE091989.D
 Acq: 7 Jul 2016 20:20

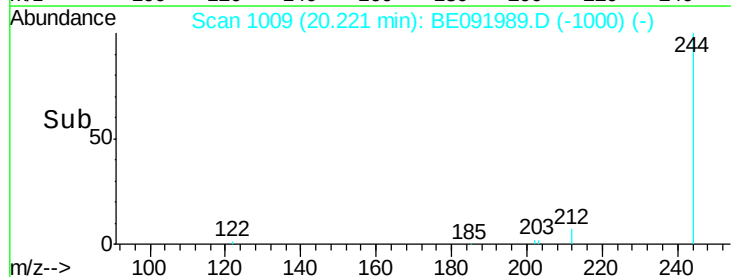
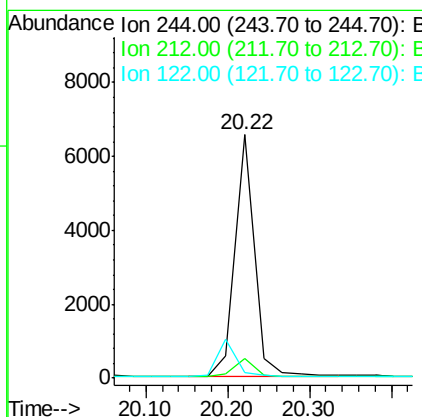
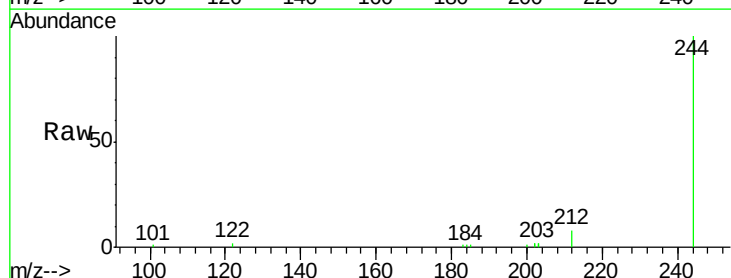
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

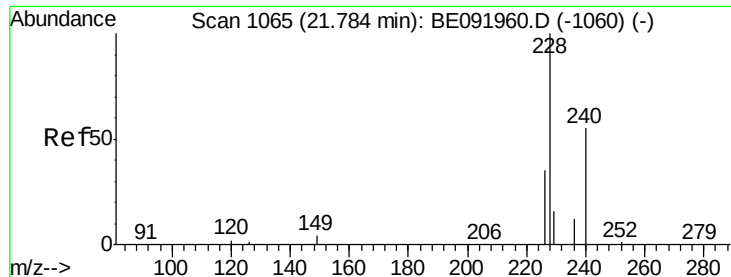
Tgt Ion: 202 Resp: 65968
 Ion Ratio Lower Upper
 202 100
 200 5.2 16.9 25.3#
 203 18.9 14.1 21.1



#34
 Terphenyl-d14
 Concen: 0.33 ng
 RT: 20.22 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BE091989.D
 Acq: 7 Jul 2016 20:20

Tgt Ion: 244 Resp: 10677
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.5 9.7
 122 2.3 2.9 4.3#





#35

Benzo(a)anthracene

Concen: 0.94 ng

RT: 21.79 min Scan# 1065

Delta R.T. 0.06 min

Lab File: BE091989.D

Acq: 7 Jul 2016 20:20

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

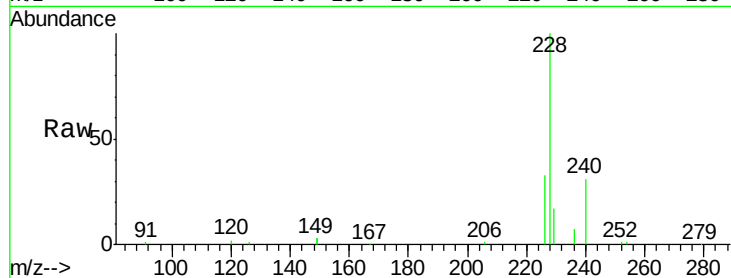
Tgt Ion:228 Resp: 42560

Ion Ratio Lower Upper

228 100

226 33.5 21.0 31.4#

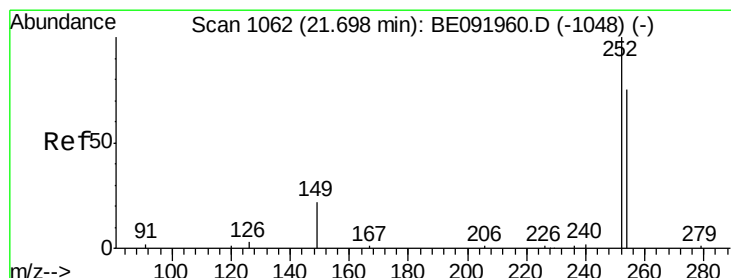
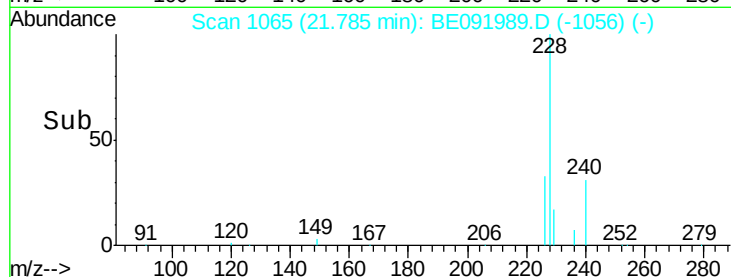
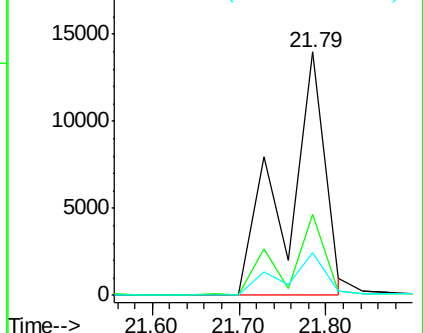
229 17.3 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#36

3,3'-Dichlorobenzidine

Concen: 0.25 ng

RT: 21.70 min Scan# 1062

Delta R.T. 0.00 min

Lab File: BE091989.D

Acq: 7 Jul 2016 20:20

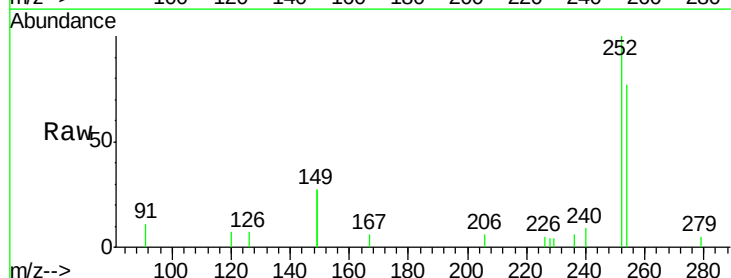
Tgt Ion:252 Resp: 3748

Ion Ratio Lower Upper

252 100

254 76.6 61.5 92.3

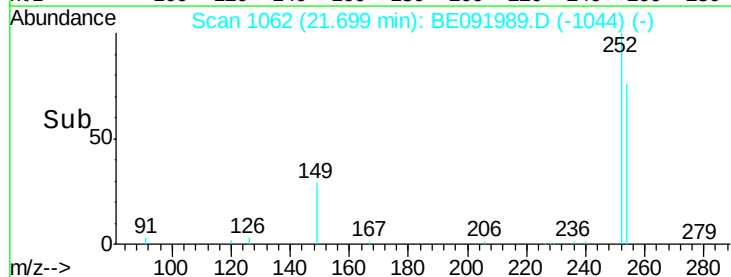
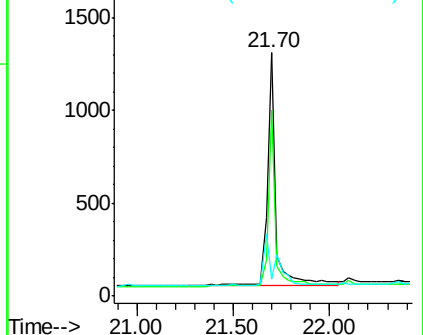
126 6.9 2.5 3.7#

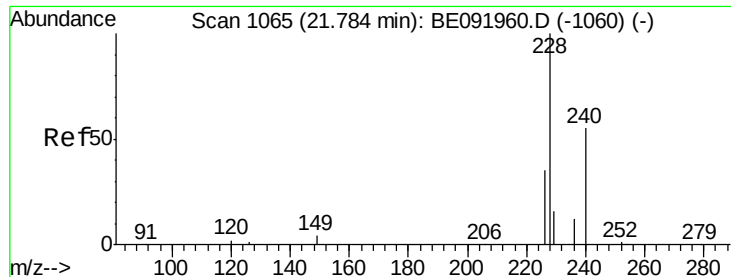


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#37

Chrysene

Concen: 0.67 ng

RT: 21.79 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BE091989.D

Acq: 7 Jul 2016 20:20

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

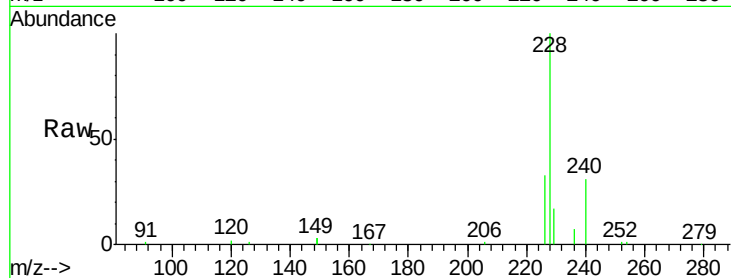
Tgt Ion:228 Resp: 43066

Ion Ratio Lower Upper

228 100

226 33.5 27.0 40.6

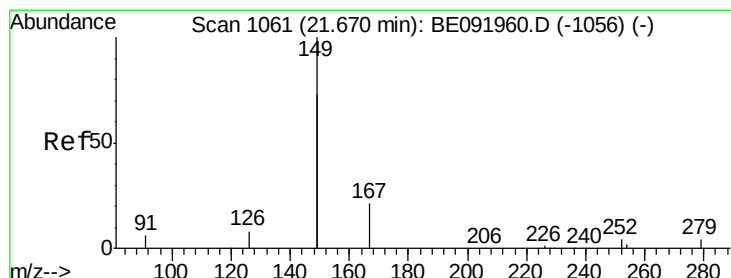
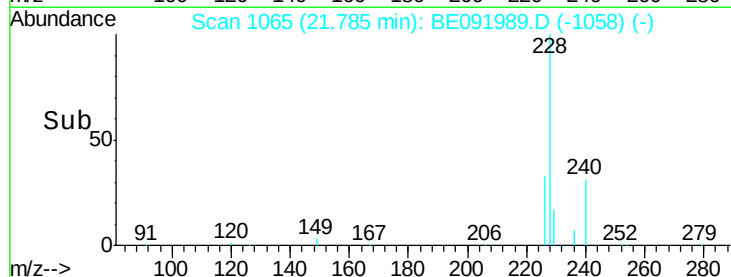
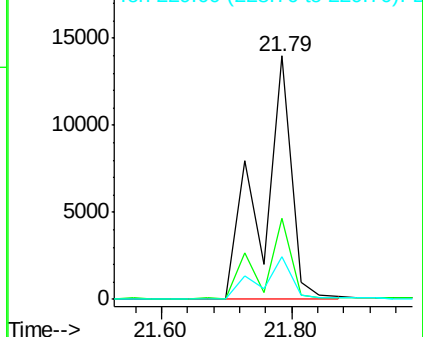
229 17.3 13.8 20.8



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: 0.25 ng

RT: 21.64 min Scan# 1060

Delta R.T. -0.03 min

Lab File: BE091989.D

Acq: 7 Jul 2016 20:20

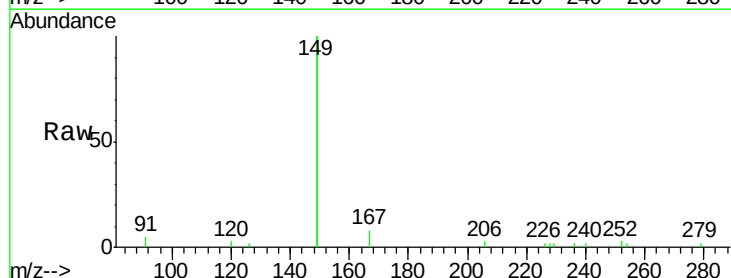
Tgt Ion:149 Resp: 12908

Ion Ratio Lower Upper

149 100

167 0.0 0.0 0.0

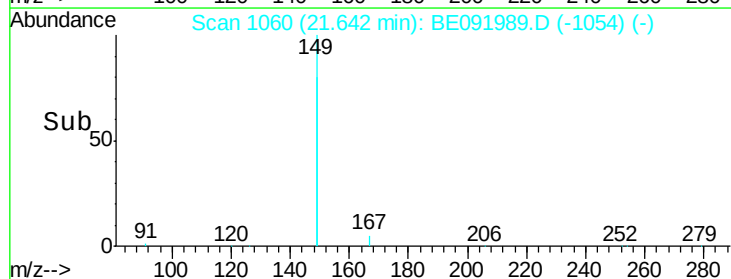
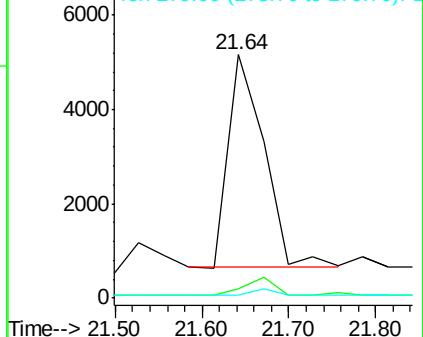
279 0.0 0.0 0.0

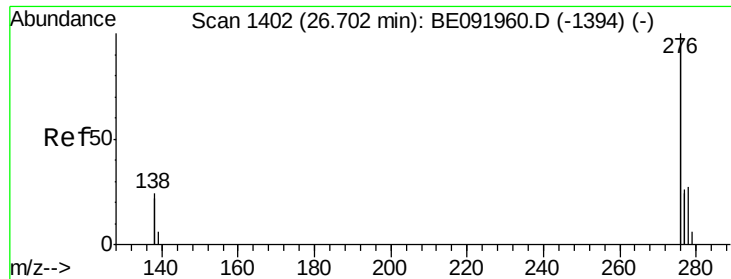


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Indeno(1,2,3-cd)pyrene

Concen: 0.31 ng

RT: 26.68 min Scan# 1401

Delta R.T. -0.02 min

Lab File: BE091989.D

Acq: 7 Jul 2016 20:20

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

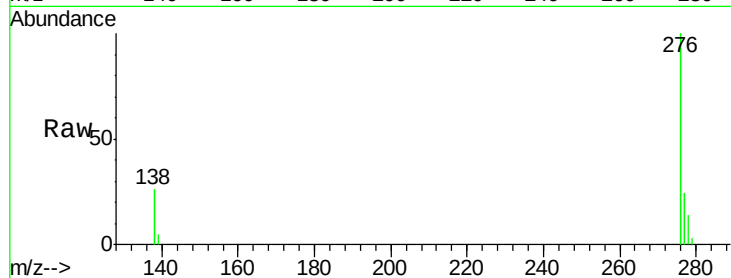
Tgt Ion:276 Resp: 78818

Ion Ratio Lower Upper

276 100

138 26.1 19.7 29.5

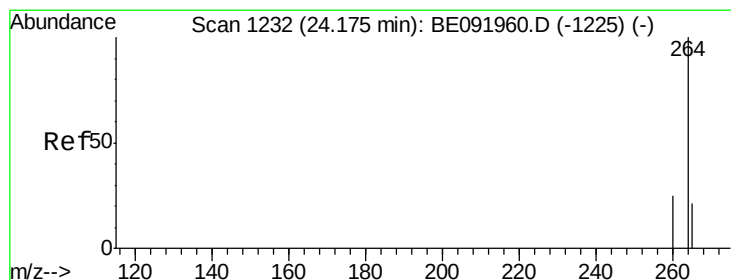
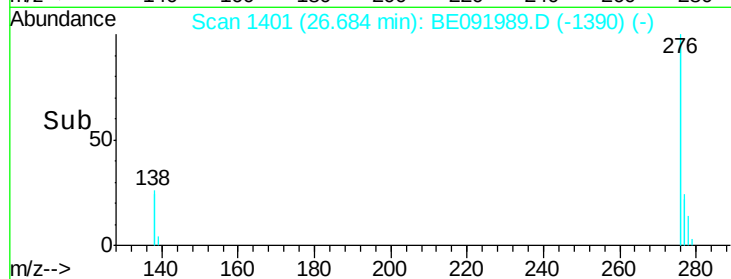
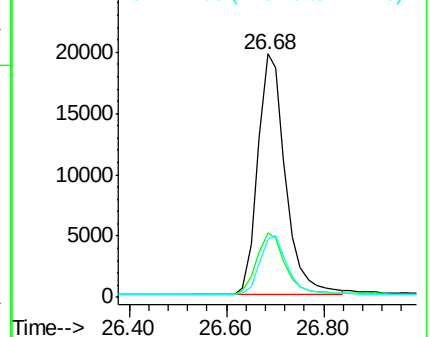
277 24.7 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#40

Perylene-d12

Concen: 5.00 ng

RT: 24.17 min Scan# 1232

Delta R.T. 0.00 min

Lab File: BE091989.D

Acq: 7 Jul 2016 20:20

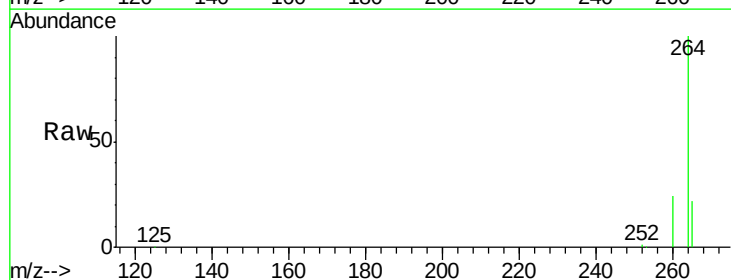
Tgt Ion:264 Resp: 189776

Ion Ratio Lower Upper

264 100

260 23.9 20.3 30.5

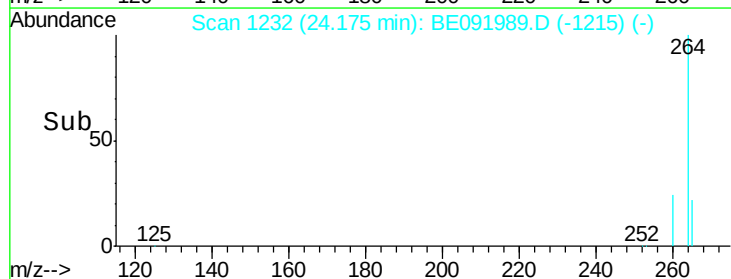
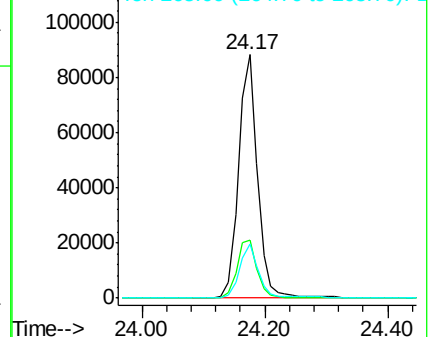
265 22.0 17.6 26.4

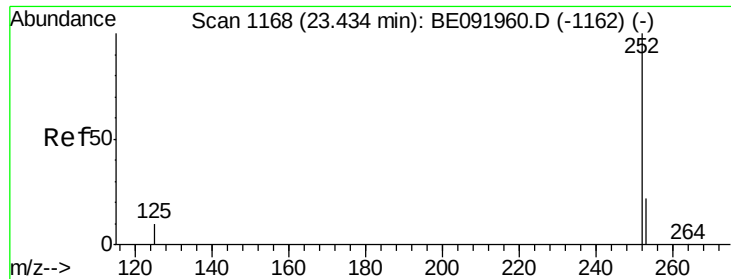


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#41

Benzo(b)fluoranthene

Concen: 0.39 ng

RT: 23.43 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BE091989.D

Acq: 7 Jul 2016 20:20

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

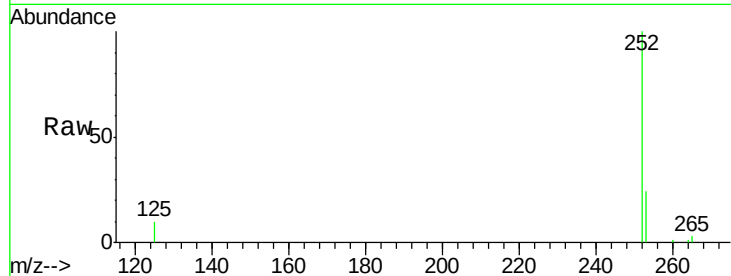
Tgt Ion:252 Resp: 20270

Ion Ratio Lower Upper

252 100

253 23.5 17.8 26.6

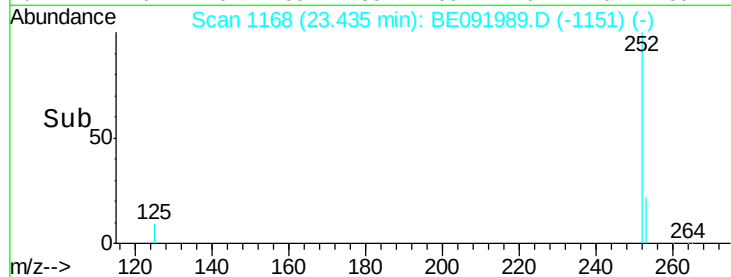
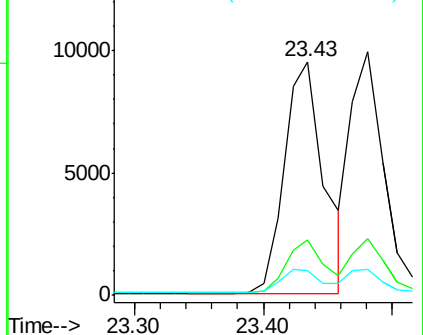
125 10.3 9.4 14.2



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: 0.36 ng

RT: 23.48 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BE091989.D

Acq: 7 Jul 2016 20:20

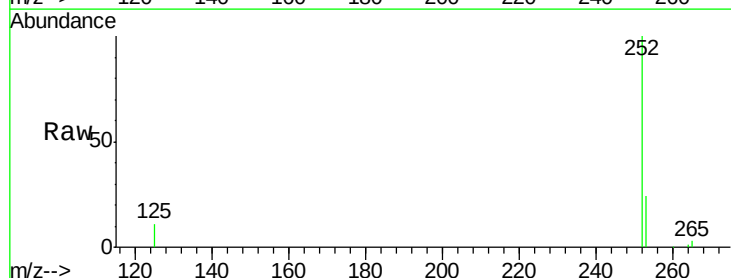
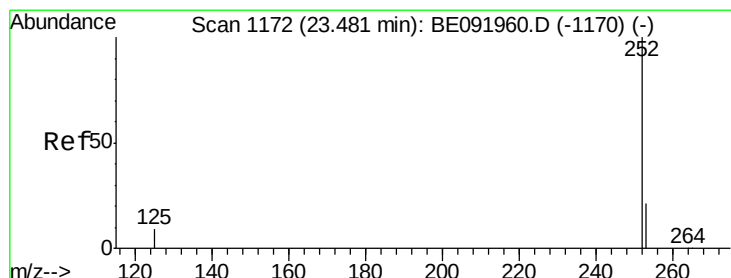
Tgt Ion:252 Resp: 18176

Ion Ratio Lower Upper

252 100

253 23.5 19.4 29.2

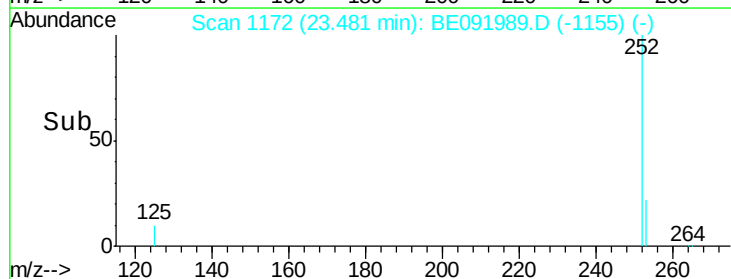
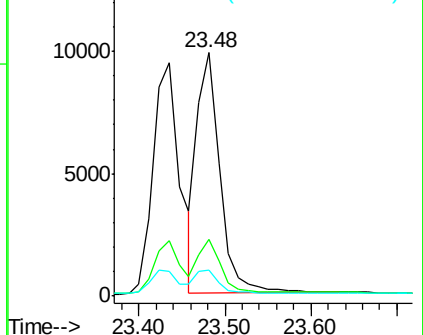
125 10.6 8.3 12.5

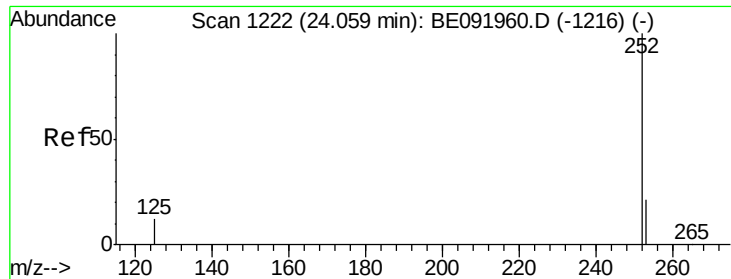


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#43

Benzo(a)pyrene

Concen: 0.36 ng

RT: 24.06 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BE091989.D

Acq: 7 Jul 2016 20:20

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

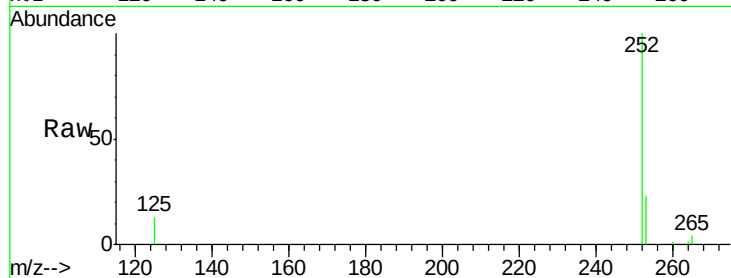
Tgt Ion: 252 Resp: 17698

Ion Ratio Lower Upper

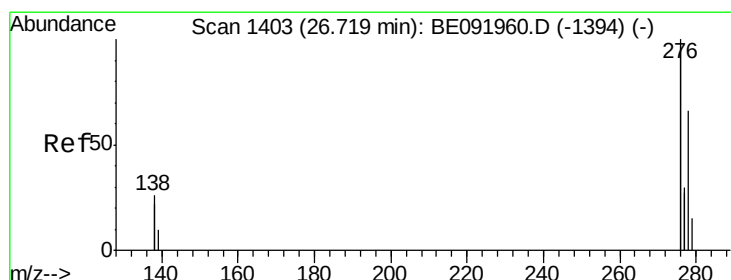
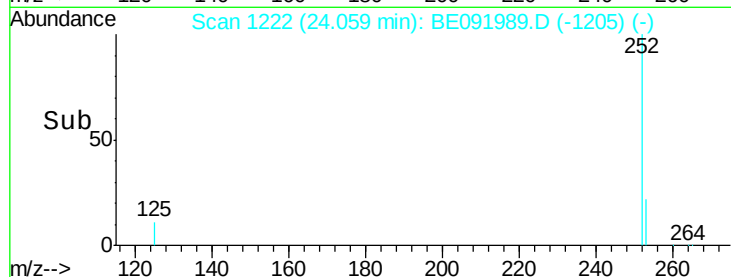
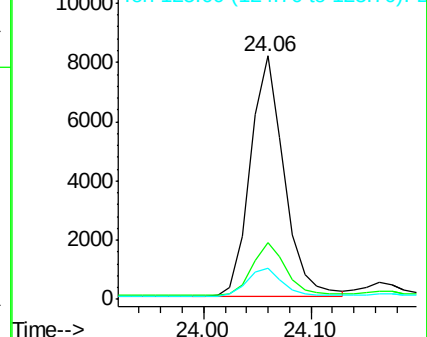
252 100

253 23.1 18.9 28.3

125 12.7 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: 0.34 ng

RT: 26.72 min Scan# 1403

Delta R.T. -0.00 min

Lab File: BE091989.D

Acq: 7 Jul 2016 20:20

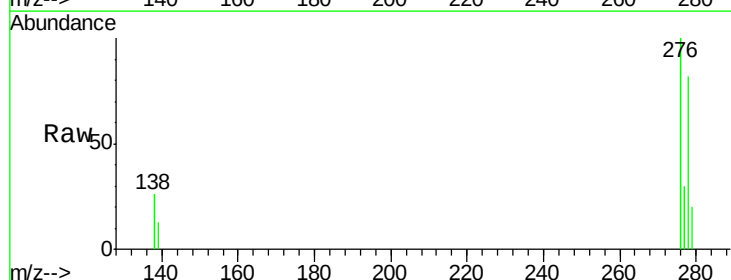
Tgt Ion: 278 Resp: 15997

Ion Ratio Lower Upper

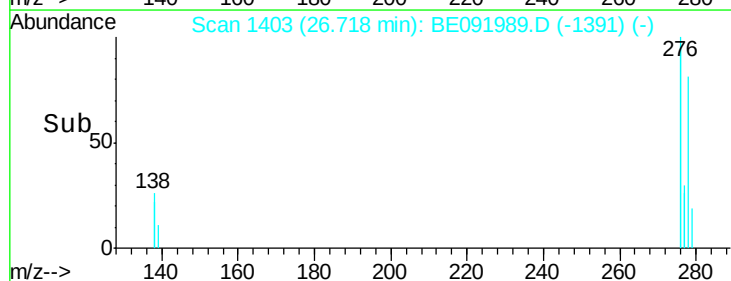
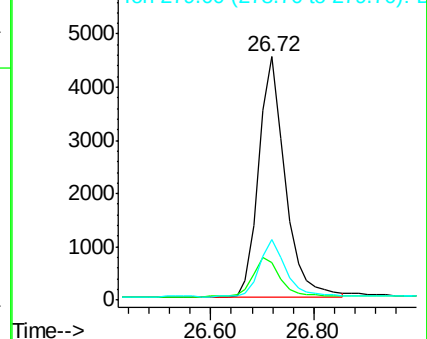
278 100

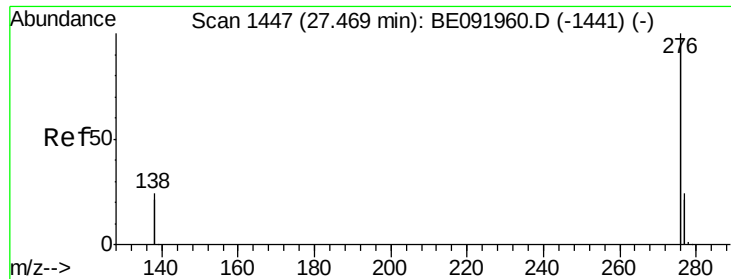
139 15.4 12.6 18.8

279 25.0 20.0 30.0



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





#45

Benzo(g,h,i)perylene

Concen: 0.35 ng

RT: 27.47 min Scan# 1447

Delta R.T. -0.00 min

Lab File: BE091989.D

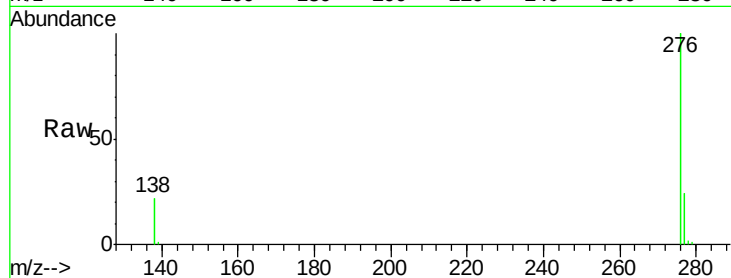
Acq: 7 Jul 2016 20:20

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



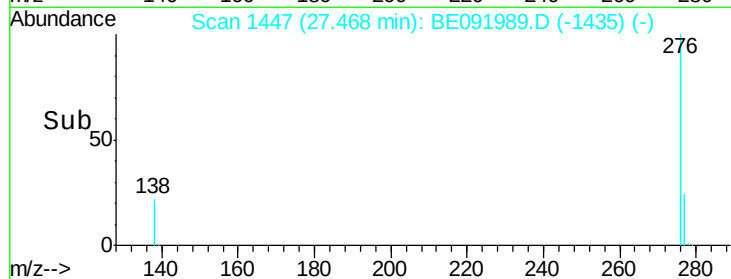
Tgt Ion: 276 Resp: 66771

Ion Ratio Lower Upper

276 100

277 24.3 19.5 29.3

138 22.5 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

