

Data Path : Z:\HPCHEM1\BNA_E\Data\BE070516\
 Data File : BE091969.D
 Acq On : 5 Jul 2016 19:44
 Operator : UM/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Jul 05 20:23:30 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	19614	5.00	ng	0.00
8) Naphthalene-d8	10.99	136	90408	5.00	ng	0.00
15) Acenaphthene-d10	14.86	164	67101	5.00	ng	0.00
24) Phenanthrene-d10	17.59	188	144238	5.00	ng	0.00
31) Chrysene-d12	21.76	240	256066	5.00	ng	0.00
40) Perylene-d12	24.17	264	199457	5.00	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.72	112	1776	0.38	ng	0.00
5) Phenol-d6	7.37	99	2329	0.36	ng	0.00
9) Nitrobenzene-d5	9.39	82	2348	0.38	ng	0.00
16) 2,4,6-Tribromophenol	16.35	330	629	0.40	ng	0.00
17) 2-Fluorobiphenyl	13.48	172	6743	0.41	ng	0.00
34) Terphenyl-d14	20.22	244	11076	0.37	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.47	88	1113	0.42	ng	96
3) n-Nitrosodimethylamine	3.83	42	1087	0.35	ng	# 90
6) bis(2-Chloroethyl)ether	7.63	93	2162	0.38	ng	98
7) n-Nitroso-di-n-propylamine	9.02	70	1935	0.36	ng	# 100
10) Nitrobenzene	9.42	77	2485	0.37	ng	# 99
11) bis(2-Chloroethoxy)methane	10.45	93	3418	0.45	ng	# 14
12) Naphthalene	11.04	128	8722	0.41	ng	96
13) Hexachlorobutadiene	11.34	225	1320	0.41	ng	97
14) 2-Methylnaphthalene	12.68	142	5403	0.40	ng	95
18) Acenaphthylene	14.56	152	31856	0.38	ng	# 61
19) 2,6-Dinitrotoluene	14.44	165	5290	0.39	ng	# 37
20) Acenaphthene	14.92	154	7241	0.39	ng	# 1
21) 2,4-Dinitrotoluene	15.25	165	7895	0.57	ng	# 1
22) Fluorene	15.90	166	7999	0.41	ng	99
23) 4-Chlorophenyl-phenylether	15.90	204	4017	0.42	ng	97
25) 4-Bromophenyl-phenylether	16.78	248	2392	0.38	ng	98
26) Hexachlorobenzene	16.90	284	2472	0.40	ng	97
27) Pentachlorophenol	17.26	266	499	0.34	ng	94
28) Phenanthrene	17.64	178	15257	0.41	ng	100
29) Anthracene	17.73	178	13518	0.38	ng	100
30) Fluoranthene	19.65	202	63617	0.39	ng	# 87
32) Benzidine	19.83	184	4242	0.42	ng	95
33) Pyrene	20.02	202	68813	0.37	ng	# 81
35) Benzo(a)anthracene	21.78	228	41118	0.96	ng	# 89
36) 3,3'-Dichlorobenzidine	21.70	252	4151	0.31	ng	# 98
37) Chrysene	21.78	228	41681	0.69	ng	100
38) Bis(2-ethylhexyl)phthalate	21.67	149	14331	0.29	ng	# 100
39) Indeno(1,2,3-cd)pyrene	26.68	276	91539	0.38	ng	98
41) Benzo(b)fluoranthene	23.43	252	21624	0.39	ng	98
42) Benzo(k)fluoranthene	23.48	252	20673	0.39	ng	97
43) Benzo(a)pyrene	24.06	252	19975	0.38	ng	98
44) Dibenzo(a,h)anthracene	26.72	278	18645	0.38	ng	99
45) Benzo(g,h,i)perylene	27.47	276	76920	0.39	ng	99

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QLast Update : Tue Jul 05 16:14:58 2016
Response via : Initial Calibration

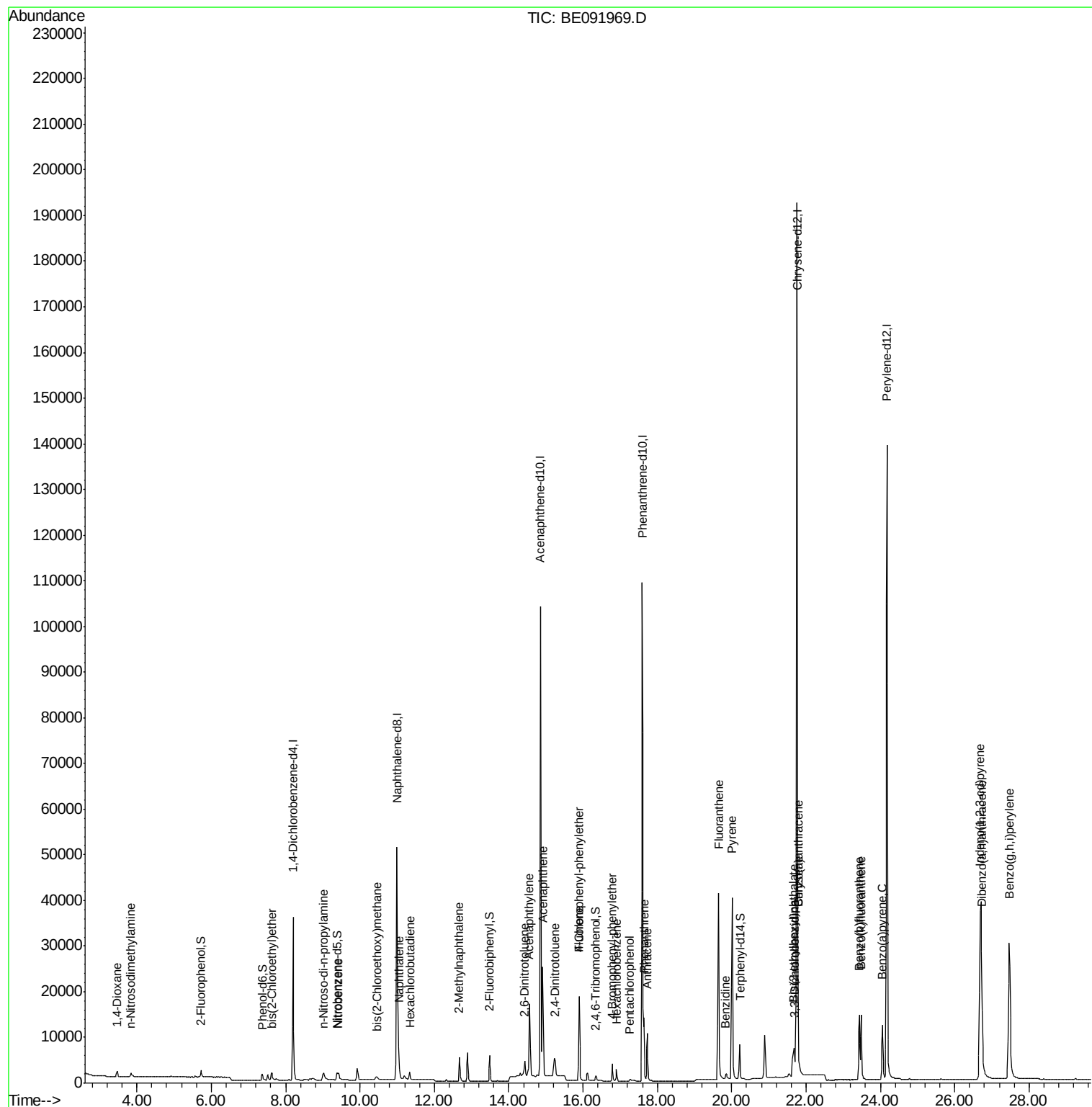
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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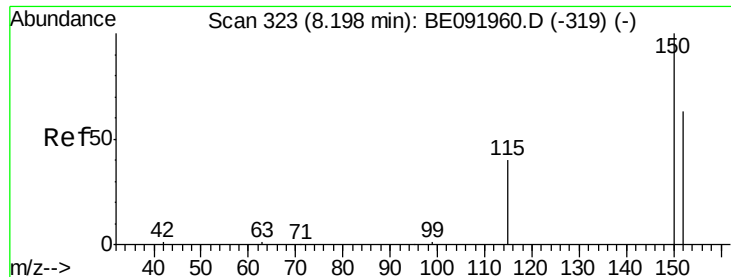
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 05 20:23:30 2016
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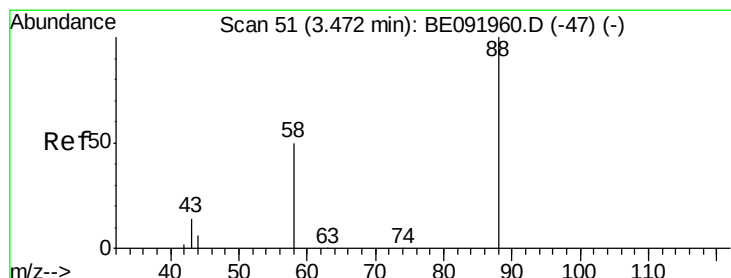
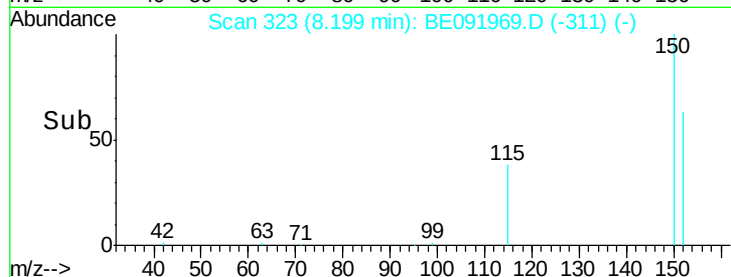
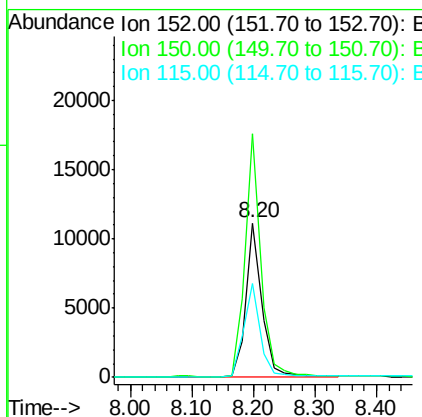
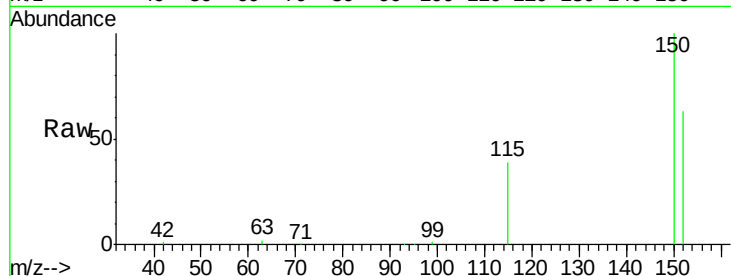




#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 8.20 min Scan# 323
 Delta R.T. 0.00 min
 Lab File: BE091969.D
 Acq: 5 Jul 2016 19:44

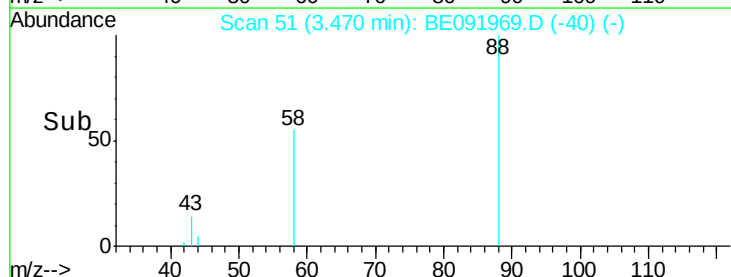
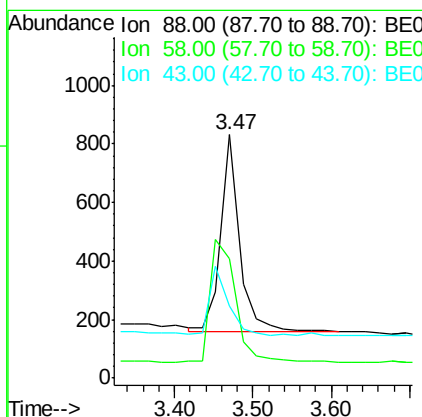
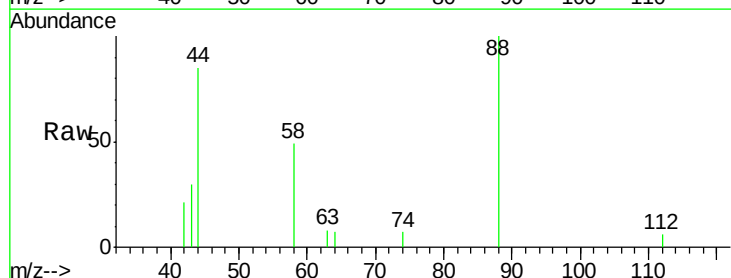
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

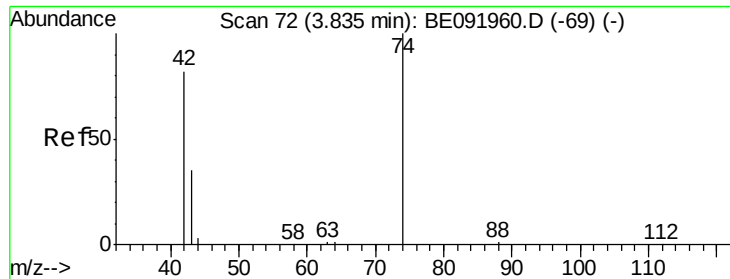
Tgt Ion: 152 Resp: 19614
 Ion Ratio Lower Upper
 152 100
 150 158.0 123.9 185.9
 115 61.1 48.3 72.5



#2
 1,4-Dioxane
 Concen: 0.42 ng
 RT: 3.47 min Scan# 51
 Delta R.T. -0.00 min
 Lab File: BE091969.D
 Acq: 5 Jul 2016 19:44

Tgt Ion: 88 Resp: 1113
 Ion Ratio Lower Upper
 88 100
 58 83.2 63.0 94.4
 43 35.0 29.1 43.7





#3

n-Nitrosodimethylamine

Concen: 0.35 ng

RT: 3.83 min Scan# 72

Delta R.T. -0.00 min

Lab File: BE091969.D

Acq: 5 Jul 2016 19:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

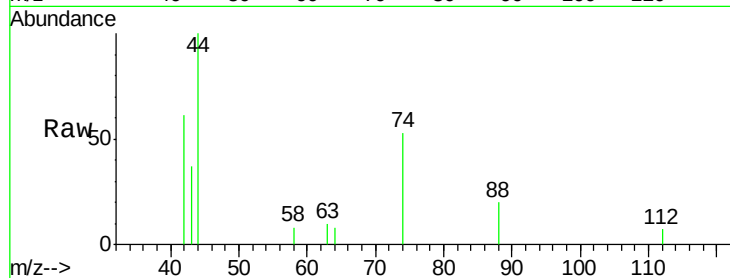
Tgt Ion: 42 Resp: 1087

Ion Ratio Lower Upper

42 100

74 106.4 93.4 140.0

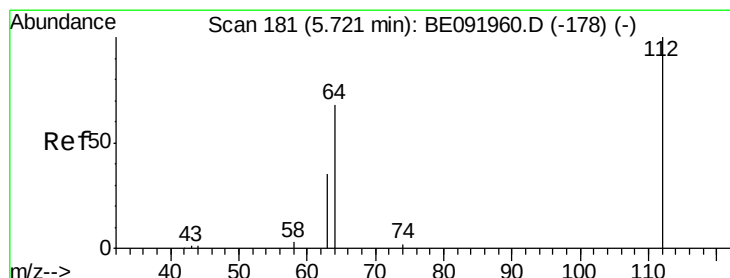
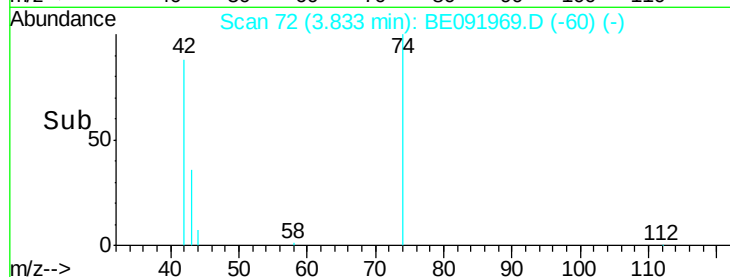
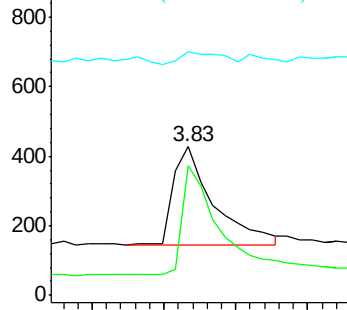
44 13.1 5.0 7.6#



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: 0.38 ng

RT: 5.72 min Scan# 181

Delta R.T. -0.00 min

Lab File: BE091969.D

Acq: 5 Jul 2016 19:44

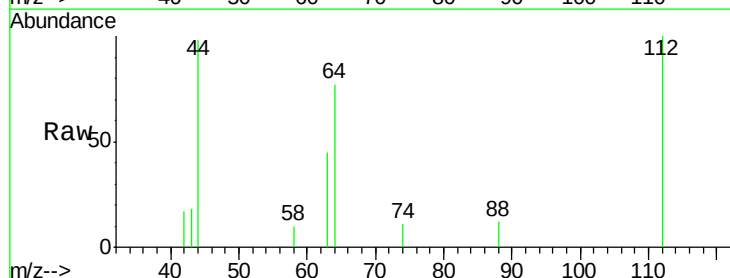
Tgt Ion: 112 Resp: 1776

Ion Ratio Lower Upper

112 100

64 67.6 53.7 80.5

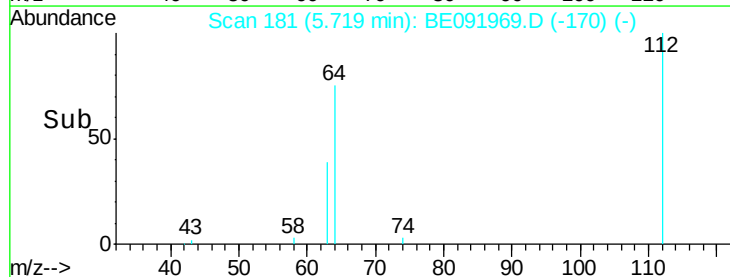
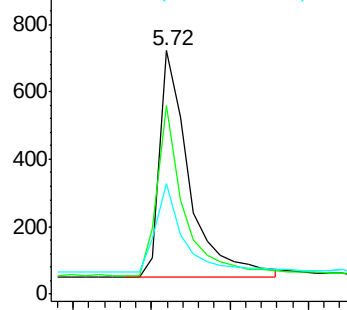
63 35.8 29.5 44.3

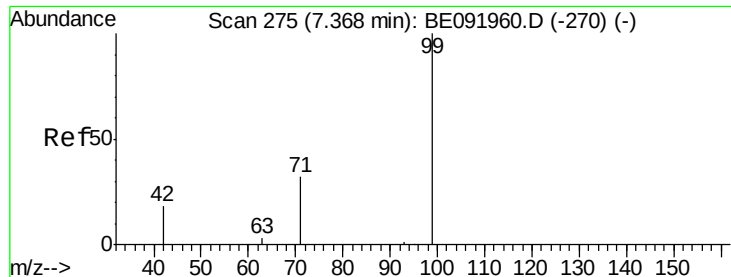


Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.36 ng

RT: 7.37 min Scan# 275

Delta R.T. 0.00 min

Lab File: BE091969.D

Acq: 5 Jul 2016 19:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

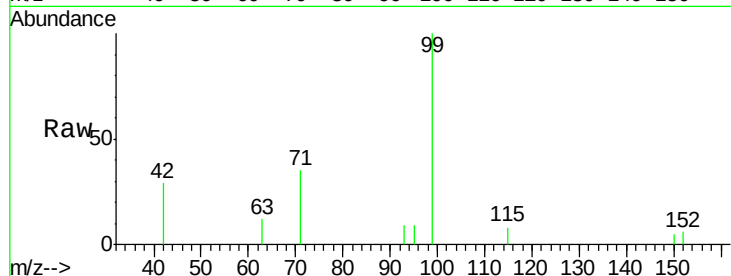
Tgt Ion: 99 Resp: 2329

Ion Ratio Lower Upper

99 100

42 25.8 19.6 29.4

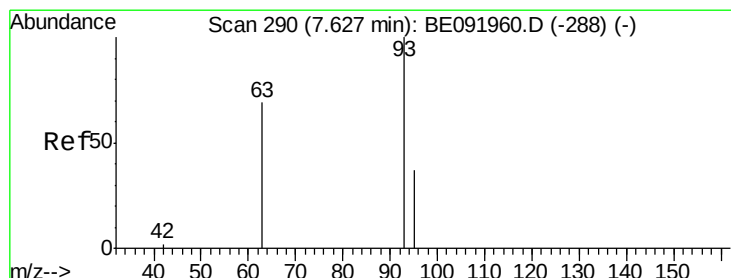
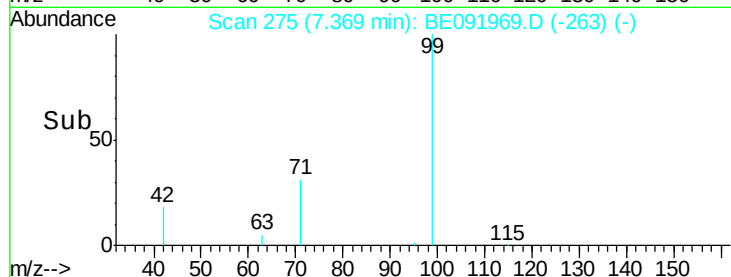
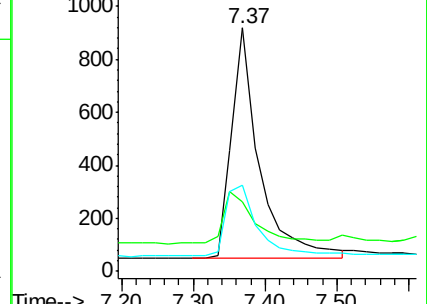
71 36.4 28.1 42.1



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: 7.63 min Scan# 290

Delta R.T. 0.00 min

Lab File: BE091969.D

Acq: 5 Jul 2016 19:44

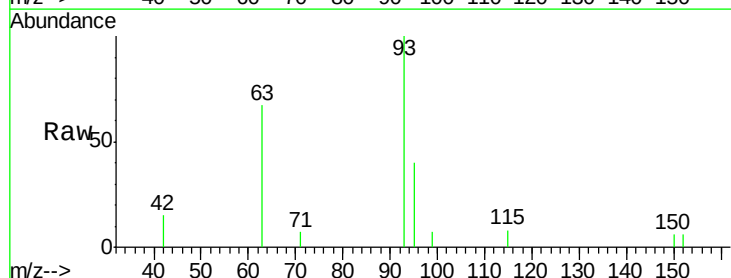
Tgt Ion: 93 Resp: 2162

Ion Ratio Lower Upper

93 100

63 81.9 66.2 99.4

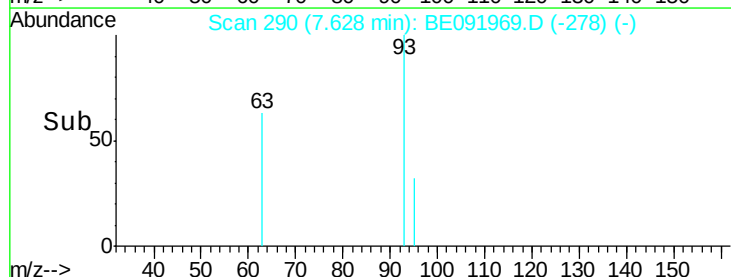
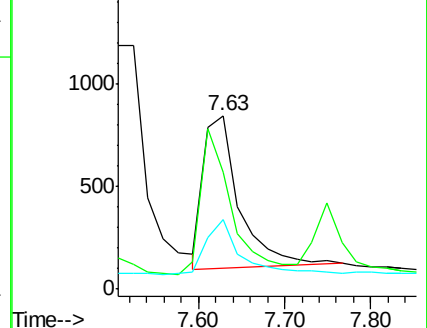
95 34.3 25.5 38.3

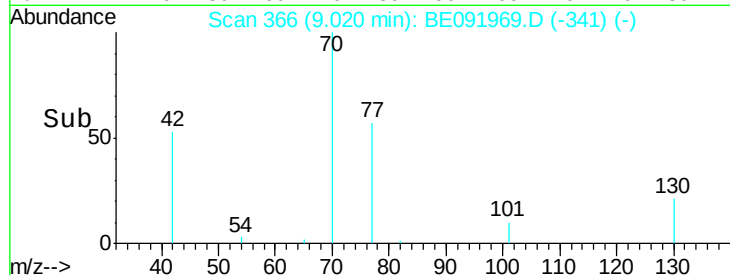
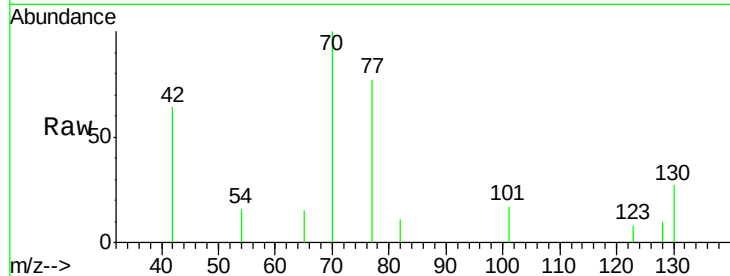
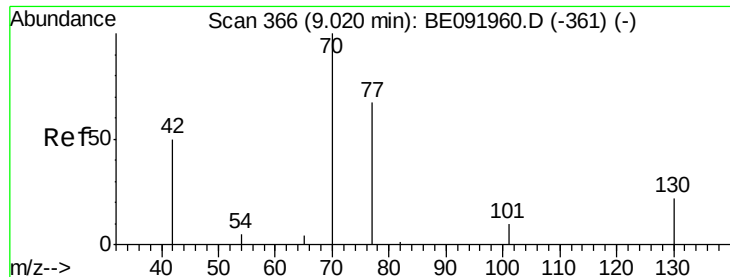


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 0.36 ng

RT: 9.02 min Scan# 366

Delta R.T. 0.00 min

Lab File: BE091969.D

Acq: 5 Jul 2016 19:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion: 70 Resp: 1935

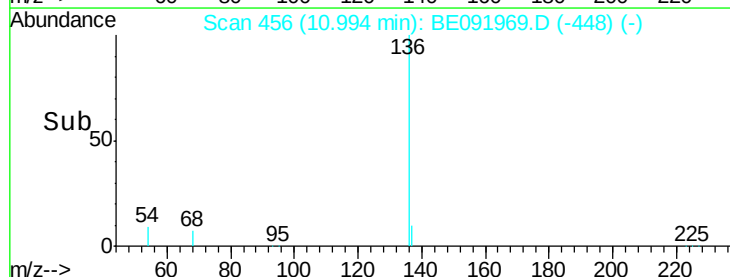
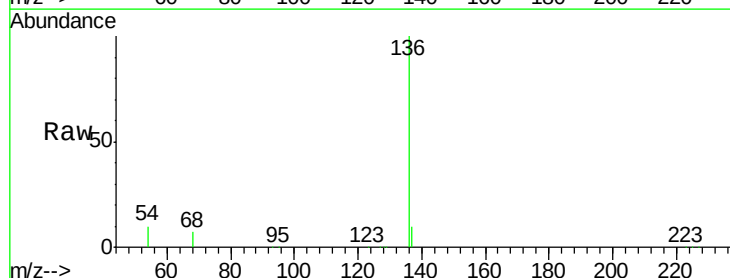
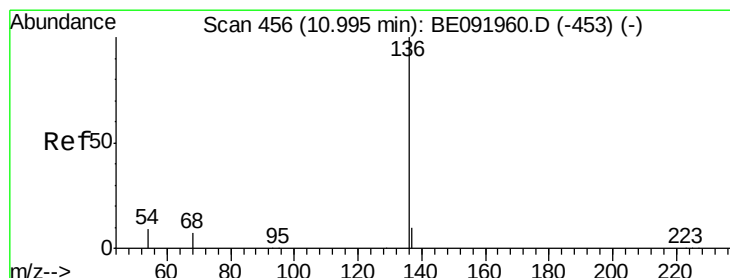
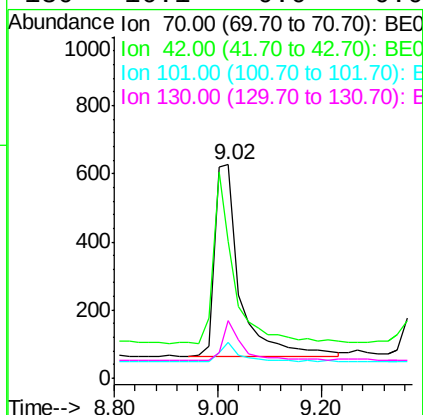
Ion Ratio Lower Upper

70 100

42 73.0 58.4 87.6

101 8.2 6.4 9.6

130 16.1 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: BE091969.D

Acq: 5 Jul 2016 19:44

Tgt Ion: 136 Resp: 90408

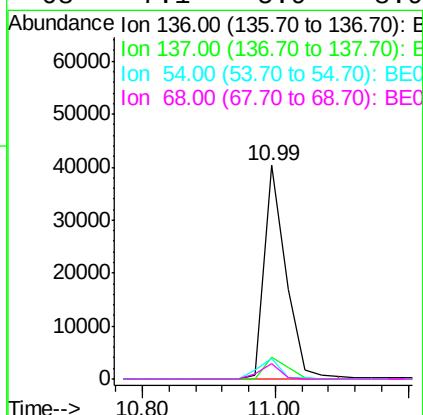
Ion Ratio Lower Upper

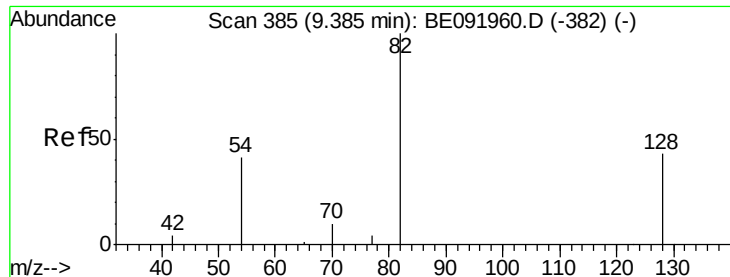
136 100

137 10.1 8.3 12.5

54 9.5 8.2 12.4

68 7.1 5.9 8.9





#9

Nitrobenzene-d5

Concen: 0.38 ng

RT: 9.39 min Scan# 385

Delta R.T. 0.00 min

Lab File: BE091969.D

Acq: 5 Jul 2016 19:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

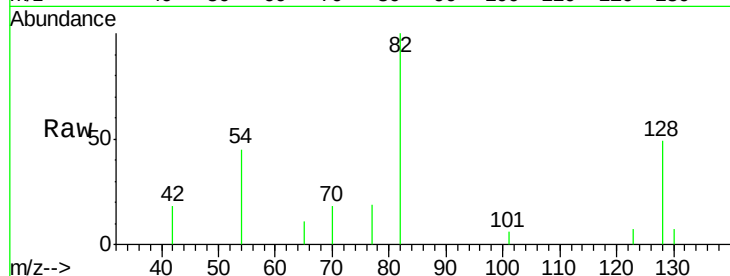
Tgt Ion: 82 Resp: 2348

Ion Ratio Lower Upper

82 100

128 48.6 39.5 59.3

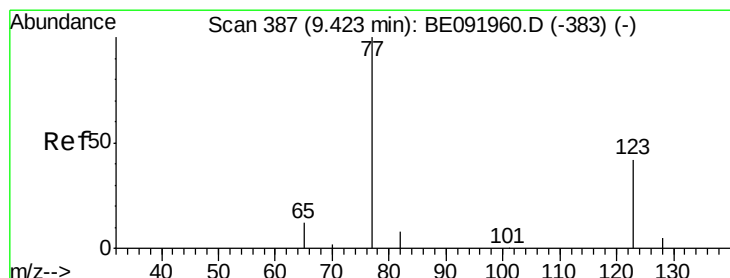
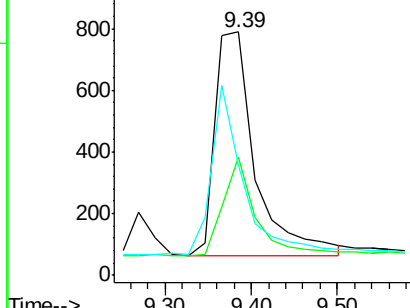
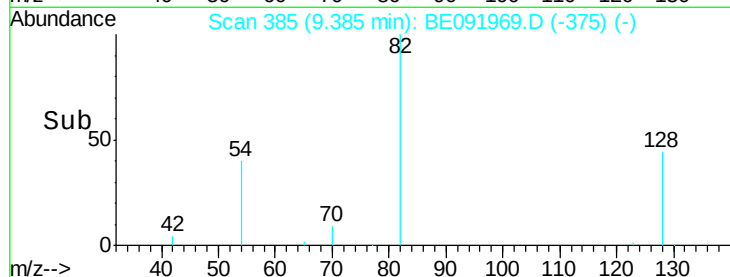
54 45.3 30.3 45.5



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: 0.37 ng

RT: 9.42 min Scan# 387

Delta R.T. 0.00 min

Lab File: BE091969.D

Acq: 5 Jul 2016 19:44

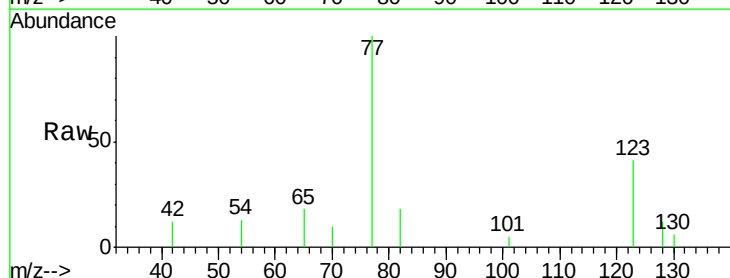
Tgt Ion: 77 Resp: 2485

Ion Ratio Lower Upper

77 100

123 38.0 0.0 0.0#

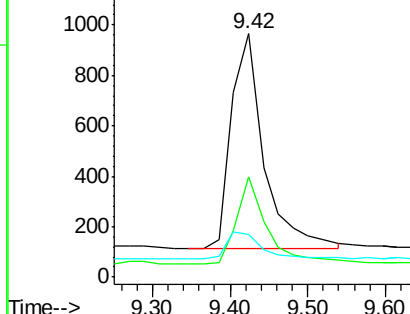
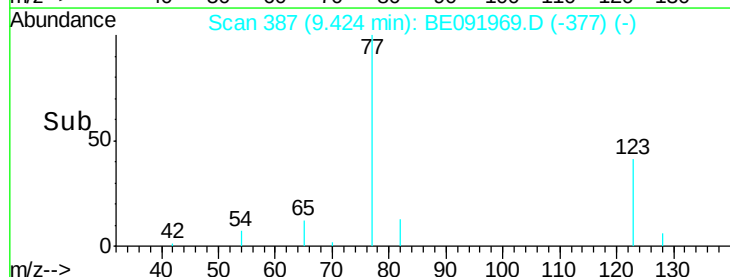
65 14.4 11.1 16.7

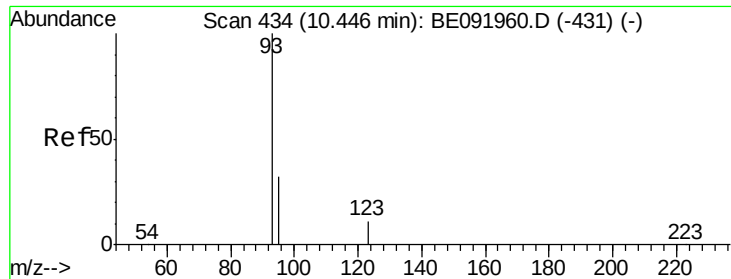


Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0

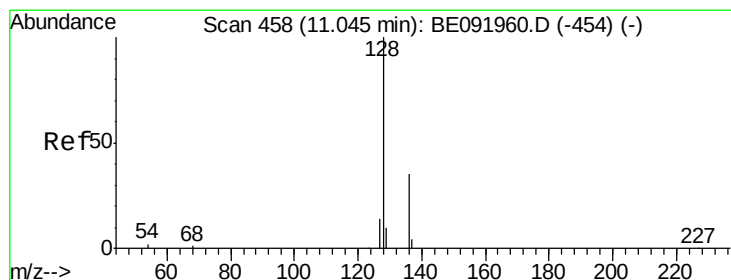
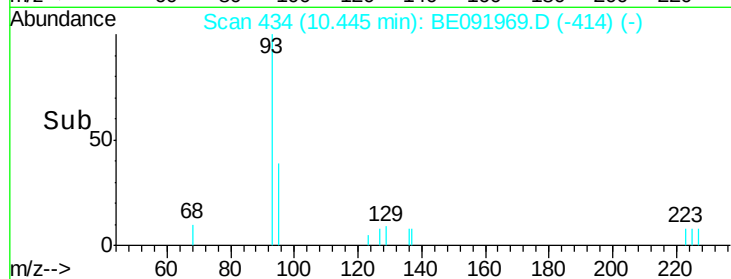
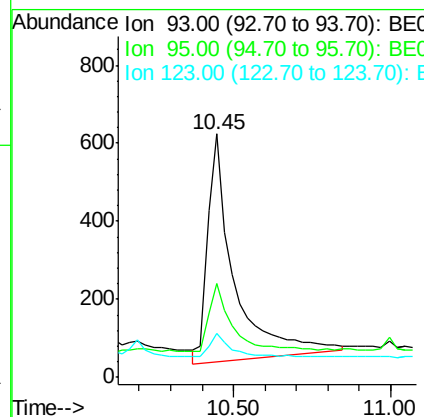
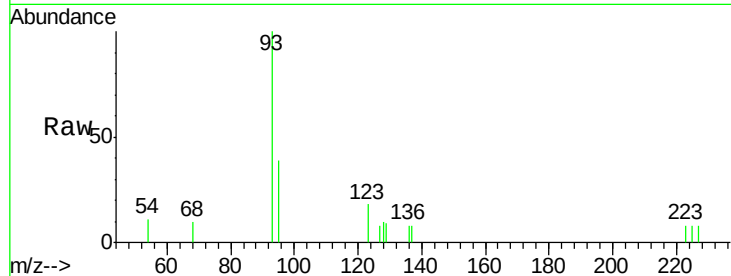




#11
bis(2-Chloroethoxy)methane
Concen: 0.45 ng
RT: 10.45 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE091969.D
Acq: 5 Jul 2016 19:44

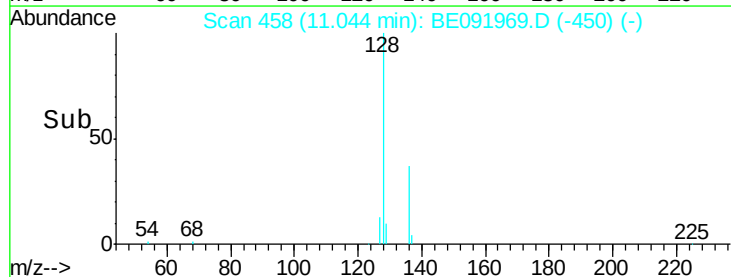
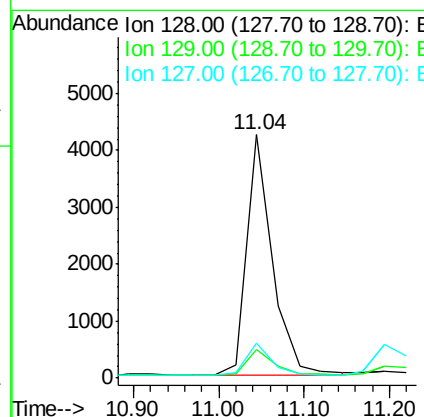
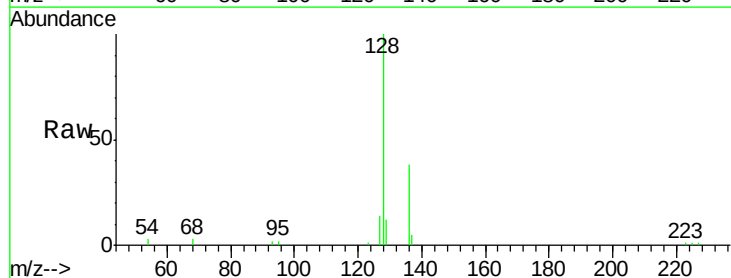
Instrument :
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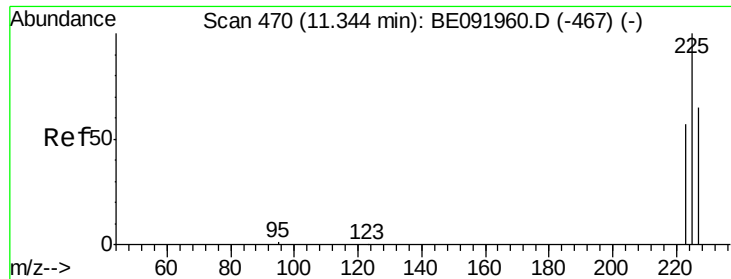
Tgt Ion: 93 Resp: 3418
Ion Ratio Lower Upper
93 100
95 25.2 57.6 86.4#
123 8.3 100.2 150.4#



#12
Naphthalene
Concen: 0.41 ng
RT: 11.04 min Scan# 458
Delta R.T. -0.00 min
Lab File: BE091969.D
Acq: 5 Jul 2016 19:44

Tgt Ion: 128 Resp: 8722
Ion Ratio Lower Upper
128 100
129 11.7 10.4 15.6
127 14.2 10.2 15.2

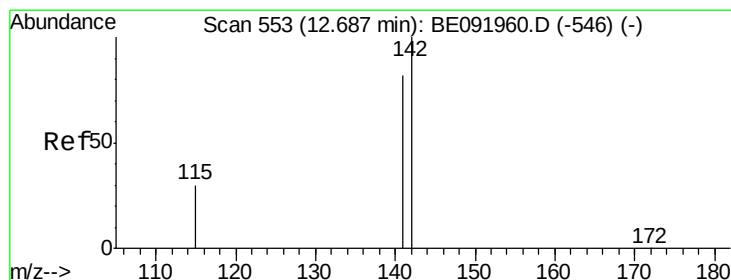
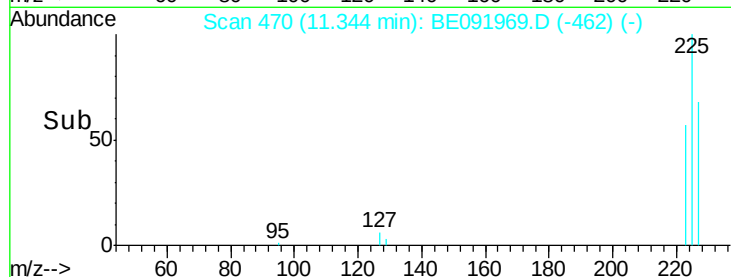
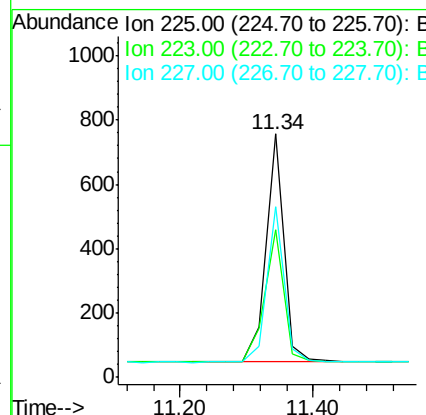
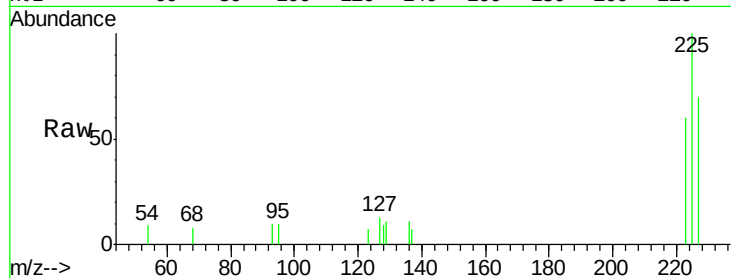




#13
Hexachlorobutadiene
Concen: 0.41 ng
RT: 11.34 min Scan# 470
Delta R.T. -0.00 min
Lab File: BE091969.D
Acq: 5 Jul 2016 19:44

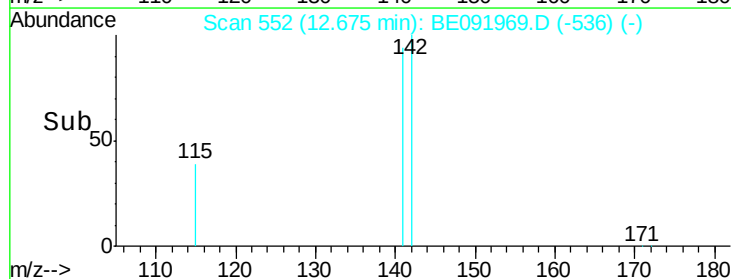
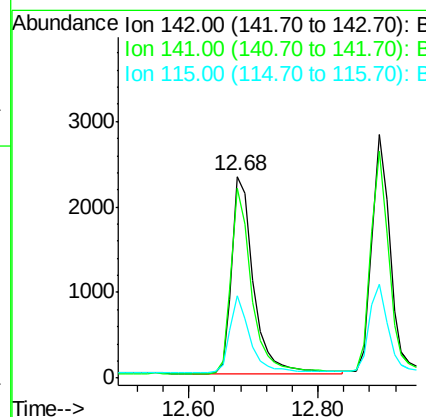
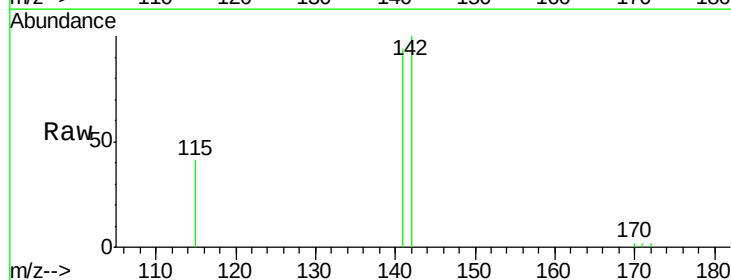
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

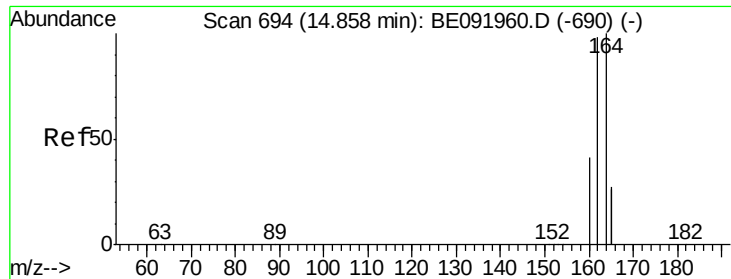
Tgt Ion: 225 Resp: 1320
Ion Ratio Lower Upper
225 100
223 61.2 49.8 74.8
227 67.3 50.6 75.8



#14
2-Methylnaphthalene
Concen: 0.40 ng
RT: 12.68 min Scan# 552
Delta R.T. -0.01 min
Lab File: BE091969.D
Acq: 5 Jul 2016 19:44

Tgt Ion: 142 Resp: 5403
Ion Ratio Lower Upper
142 100
141 94.0 71.9 107.9
115 41.0 29.9 44.9

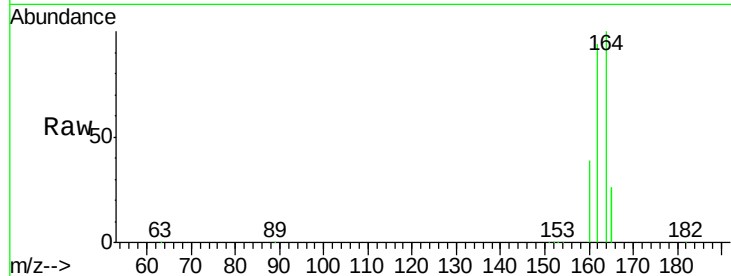




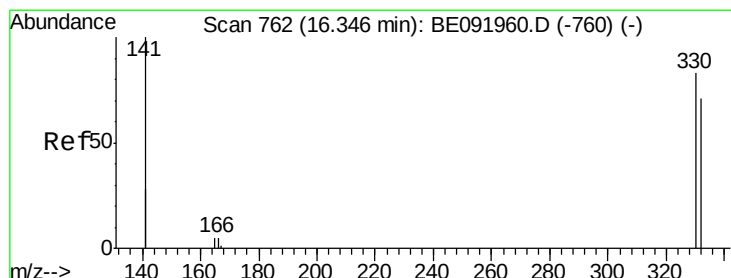
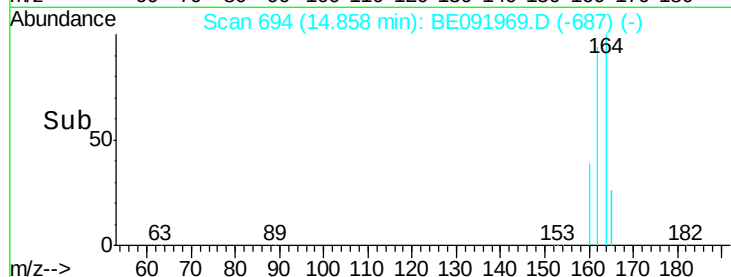
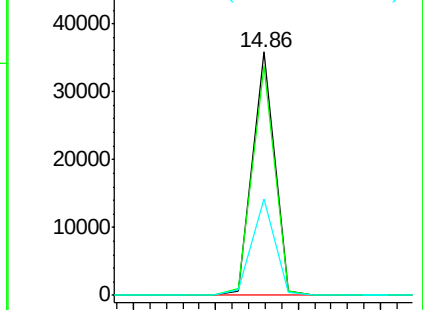
#15
 Acenaphthene-d10
 Concen: 5.00 ng
 RT: 14.86 min Scan# 694
 Delta R.T. -0.00 min
 Lab File: BE091969.D
 Acq: 5 Jul 2016 19:44

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tgt Ion:164 Resp: 67101
 Ion Ratio Lower Upper
 164 100
 162 94.5 71.8 107.8
 160 39.5 28.0 42.0

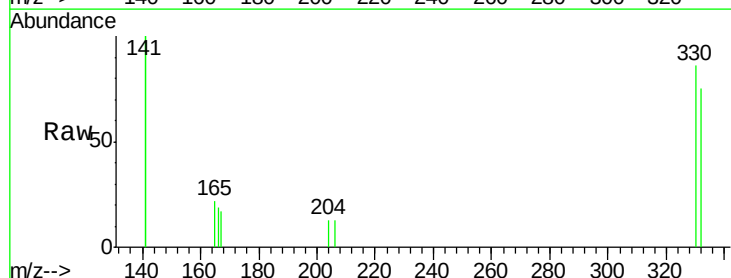


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

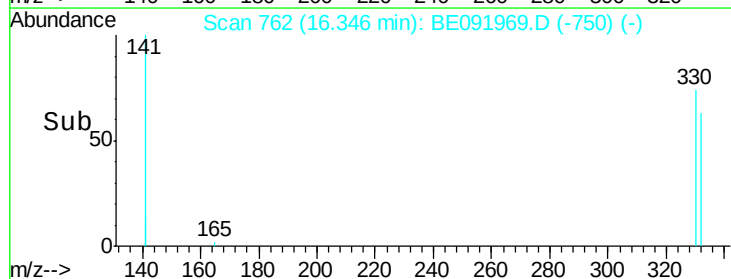
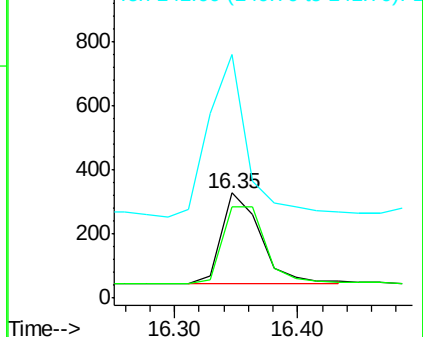


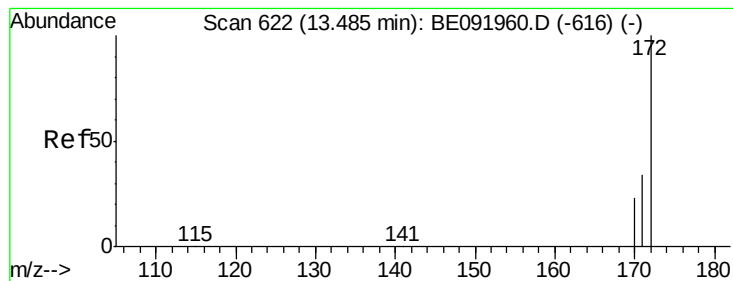
#16
 2,4,6-Tribromophenol
 Concen: 0.40 ng
 RT: 16.35 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BE091969.D
 Acq: 5 Jul 2016 19:44

Tgt Ion:330 Resp: 629
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 176.9 138.4 207.6



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

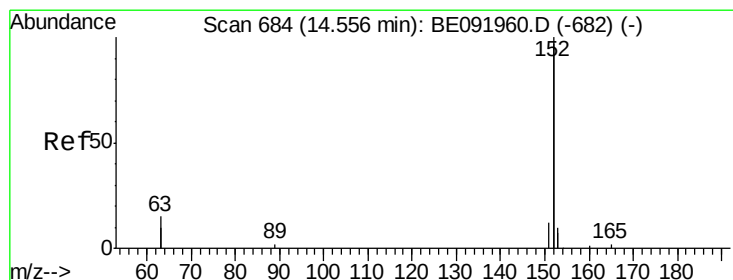
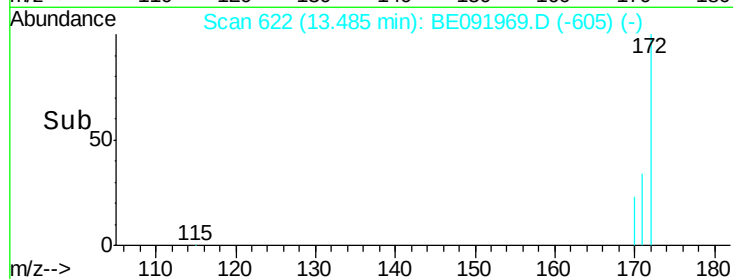
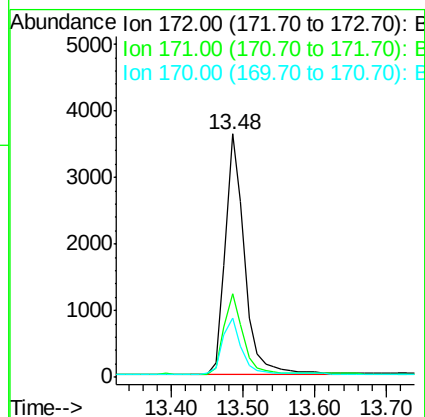
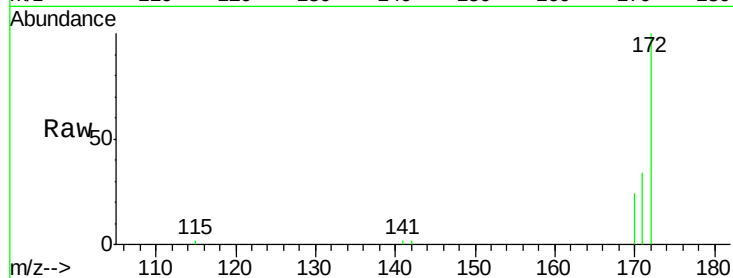




#17
2-Fluorobiphenyl
Concen: 0.41 ng
RT: 13.48 min Scan# 622
Delta R.T. -0.00 min
Lab File: BE091969.D
Acq: 5 Jul 2016 19:44

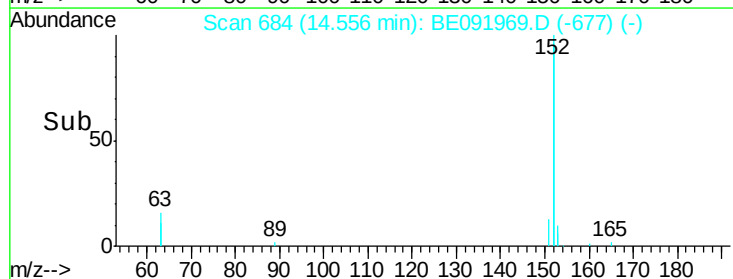
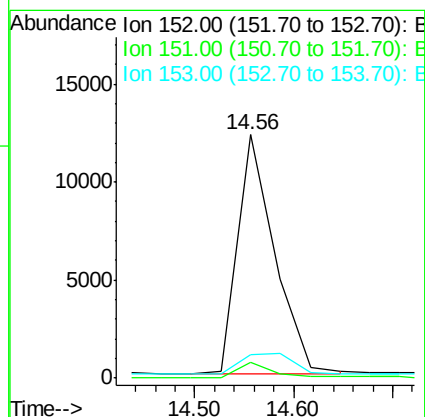
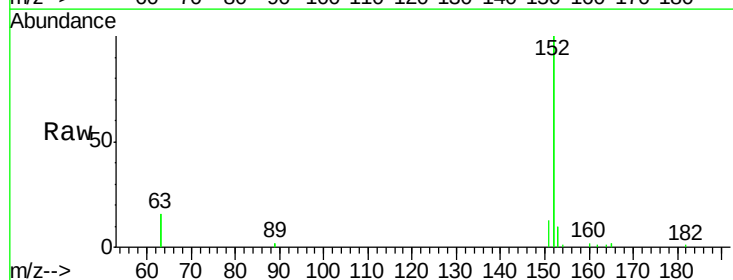
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

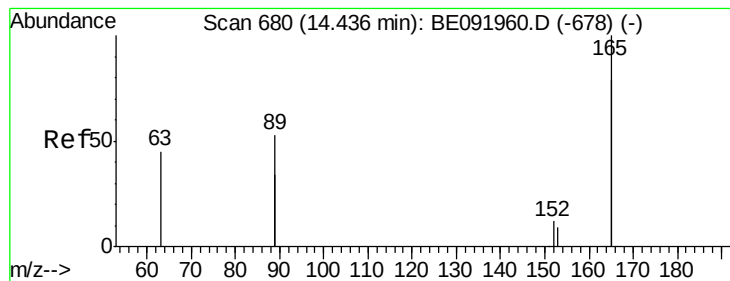
Tgt Ion:172 Resp: 6743
Ion Ratio Lower Upper
172 100
171 34.4 24.3 36.5
170 24.2 14.9 22.3#



#18
Acenaphthylene
Concen: 0.38 ng
RT: 14.56 min Scan# 684
Delta R.T. -0.00 min
Lab File: BE091969.D
Acq: 5 Jul 2016 19:44

Tgt Ion:152 Resp: 31856
Ion Ratio Lower Upper
152 100
151 5.5 19.4 29.2#
153 0.0 14.4 21.6#





#19

2,6-Dinitrotoluene

Concen: 0.39 ng

RT: 14.44 min Scan# 680

Delta R.T. 0.00 min

Lab File: BE091969.D

Acq: 5 Jul 2016 19:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

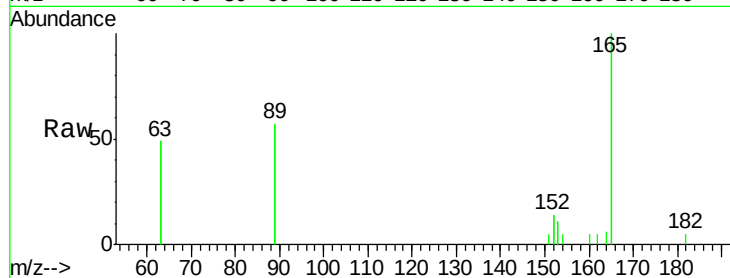
Tgt Ion:165 Resp: 5290

Ion Ratio Lower Upper

165 100

63 0.0 65.9 98.9#

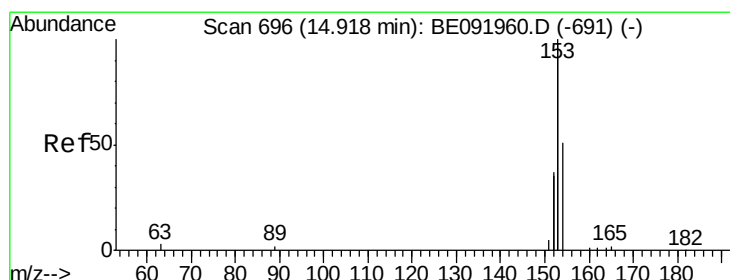
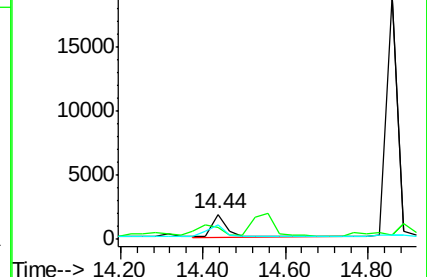
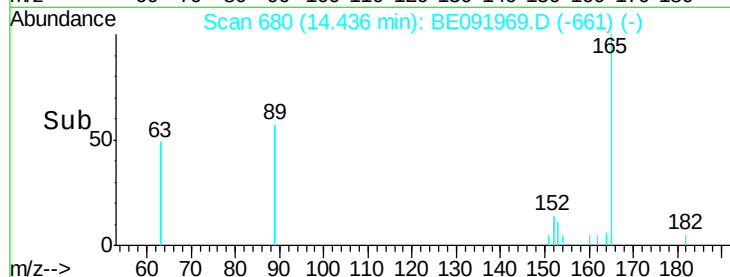
89 48.1 59.1 88.7#



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: 0.39 ng

RT: 14.92 min Scan# 696

Delta R.T. -0.00 min

Lab File: BE091969.D

Acq: 5 Jul 2016 19:44

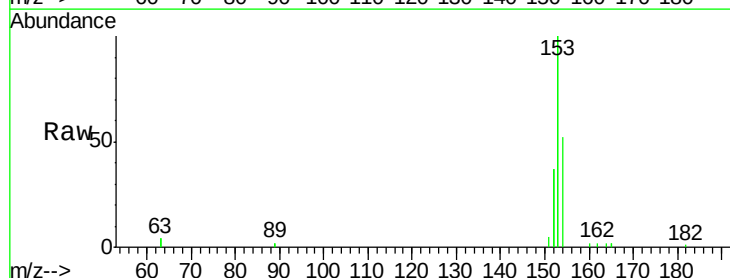
Tgt Ion:154 Resp: 7241

Ion Ratio Lower Upper

154 100

153 387.9 88.1 132.1#

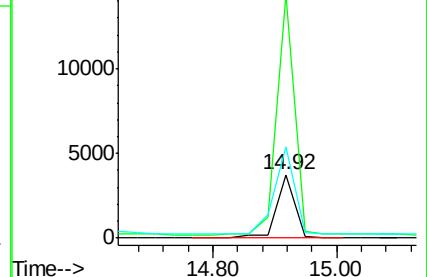
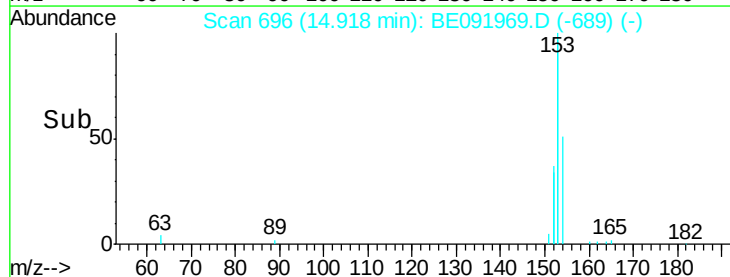
152 162.8 44.2 66.2#

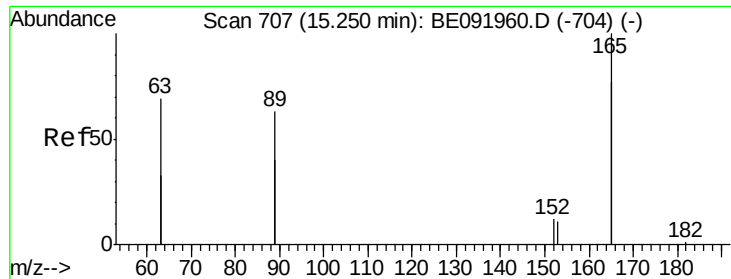


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#21

2,4-Dinitrotoluene

Concen: 0.57 ng

RT: 15.25 min Scan# 707

Delta R.T. 0.00 min

Lab File: BE091969.D

Acq: 5 Jul 2016 19:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion:165 Resp: 7895

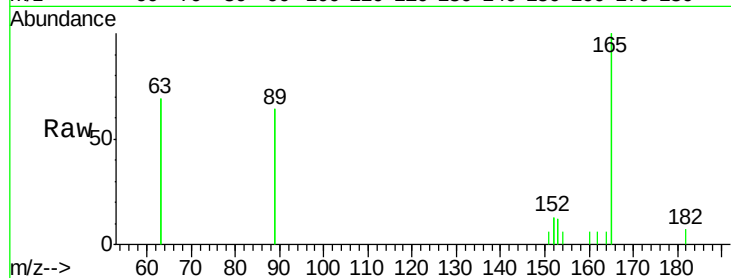
Ion Ratio Lower Upper

165 100

63 0.0 0.0 0.0

89 0.0 99.8 149.8#

182 0.0 0.0 0.0

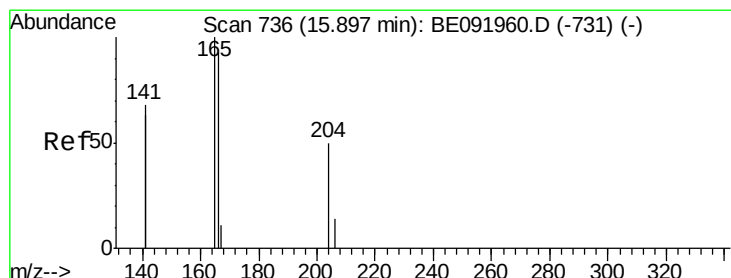
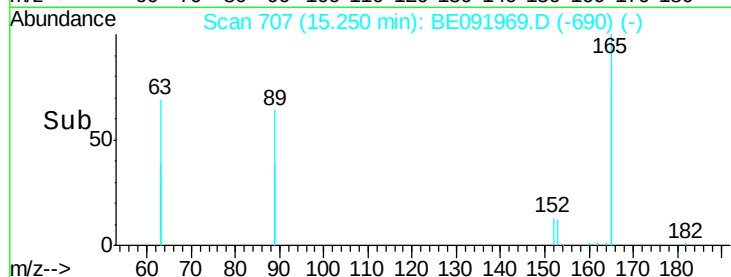
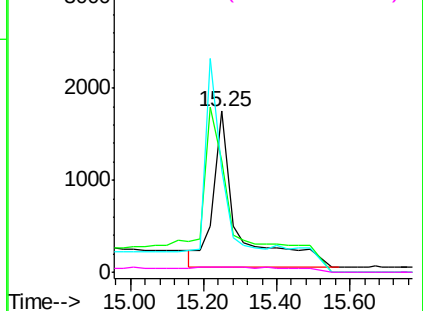


Abundance Ion 165.00 (164.70 to 165.70): E

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: 0.41 ng

RT: 15.90 min Scan# 736

Delta R.T. -0.00 min

Lab File: BE091969.D

Acq: 5 Jul 2016 19:44

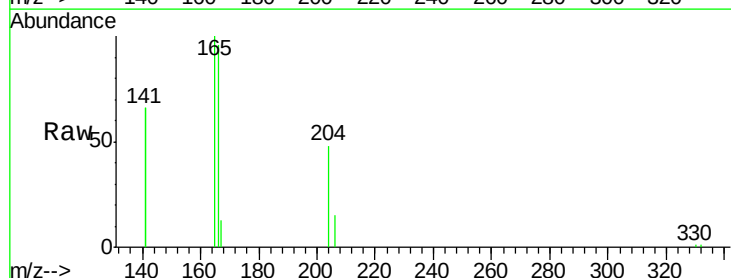
Tgt Ion:166 Resp: 7999

Ion Ratio Lower Upper

166 100

165 97.4 78.6 117.8

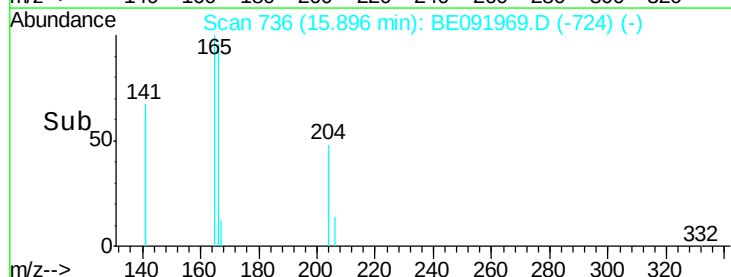
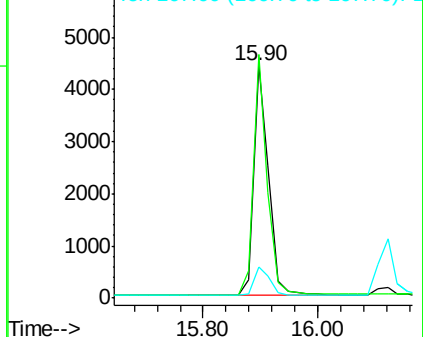
167 13.2 10.8 16.2

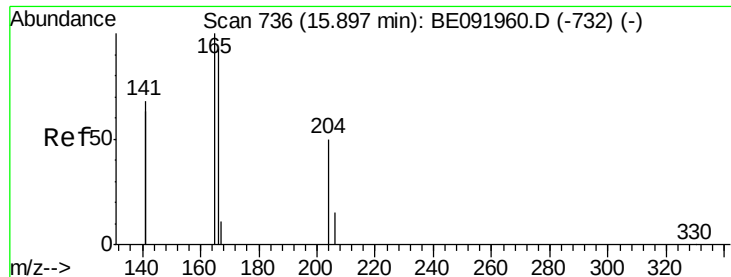


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

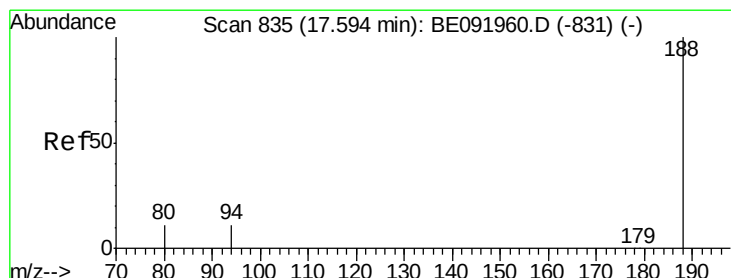
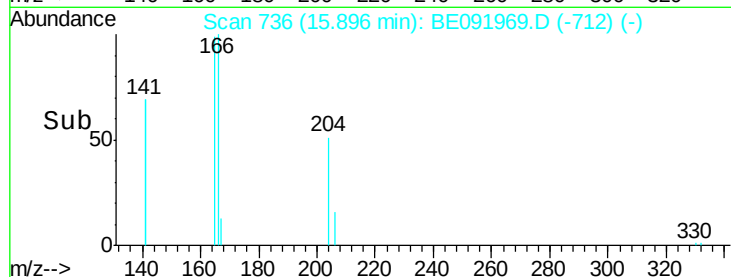
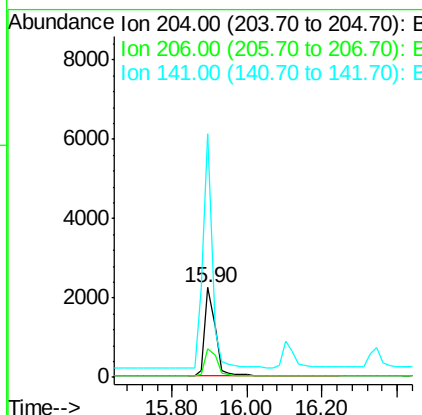
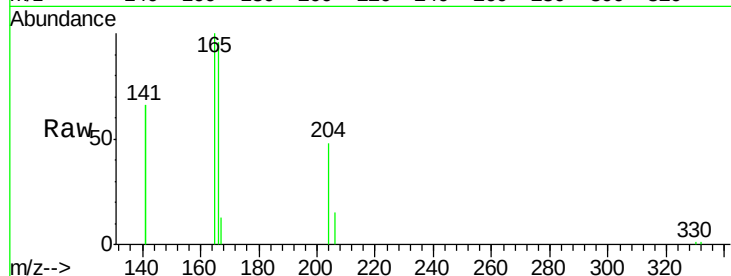




#23
4-Chlorophenyl-phenylether
Concen: 0.42 ng
RT: 15.90 min Scan# 736
Delta R.T. -0.00 min
Lab File: BE091969.D
Acq: 5 Jul 2016 19:44

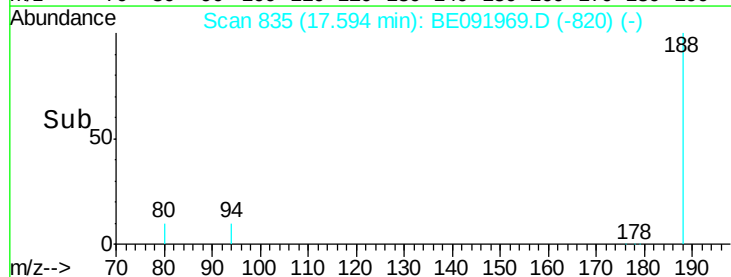
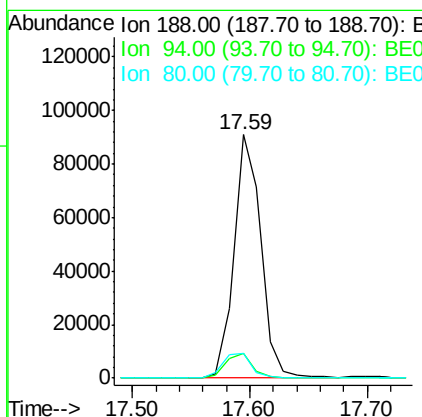
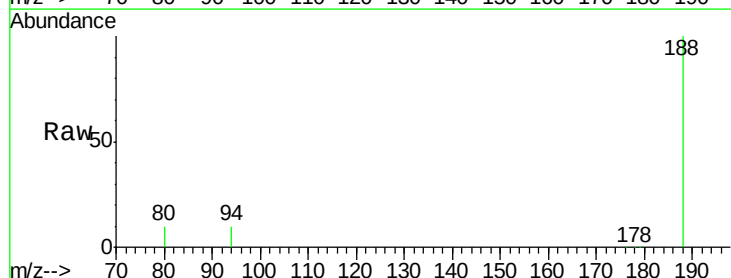
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

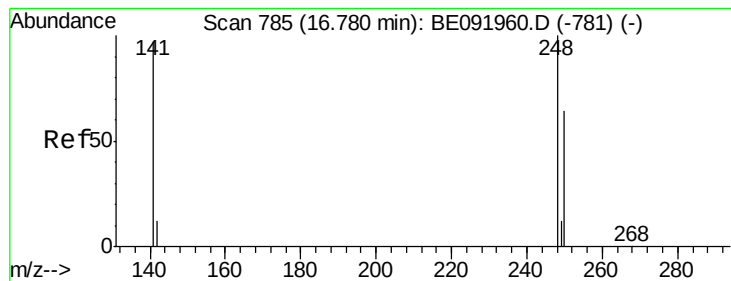
Tgt Ion:204 Resp: 4017
Ion Ratio Lower Upper
204 100
206 33.8 27.8 41.6
141 241.4 197.6 296.4



#24
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.59 min Scan# 835
Delta R.T. 0.00 min
Lab File: BE091969.D
Acq: 5 Jul 2016 19:44

Tgt Ion:188 Resp: 144238
Ion Ratio Lower Upper
188 100
94 10.0 4.1 6.1#
80 10.1 3.4 5.2#





#25

4-Bromophenyl-phenylether

Concen: 0.38 ng

RT: 16.78 min Scan# 785

Delta R.T. -0.00 min

Lab File: BE091969.D

Acq: 5 Jul 2016 19:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

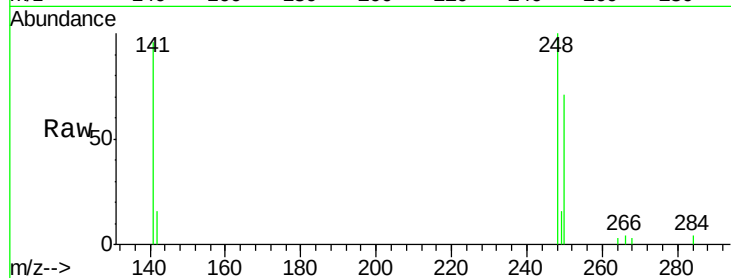
Tgt Ion:248 Resp: 2392

Ion Ratio Lower Upper

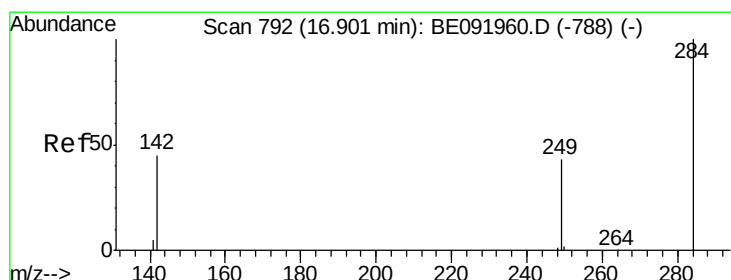
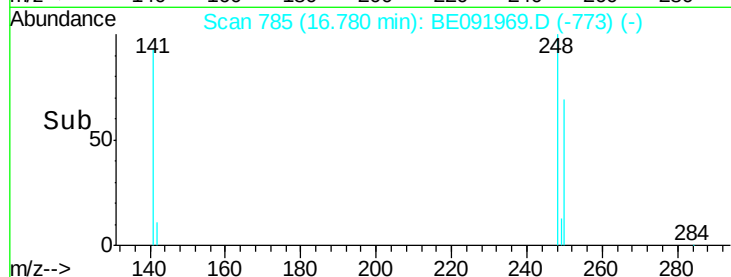
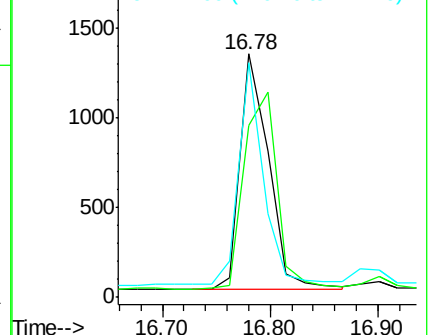
248 100

250 96.7 75.7 113.5

141 82.2 64.6 97.0



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



#26

Hexachlorobenzene

Concen: 0.40 ng

RT: 16.90 min Scan# 792

Delta R.T. -0.00 min

Lab File: BE091969.D

Acq: 5 Jul 2016 19:44

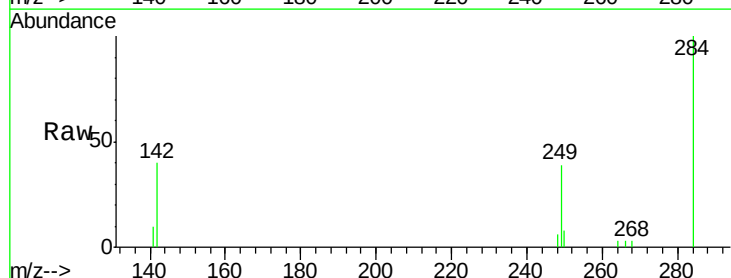
Tgt Ion:284 Resp: 2472

Ion Ratio Lower Upper

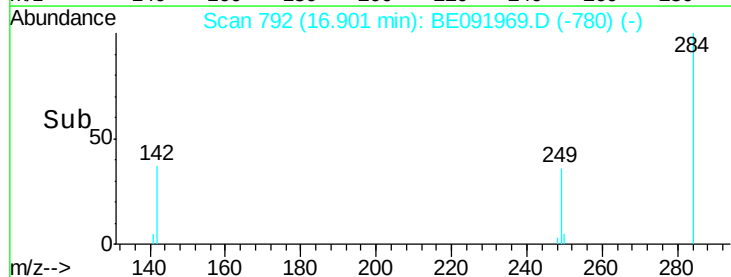
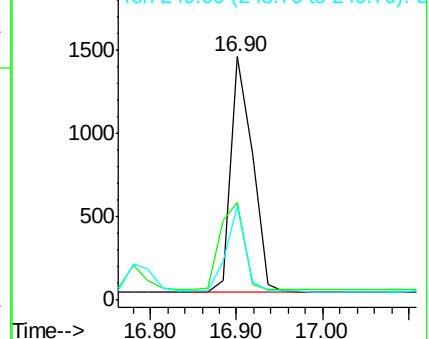
284 100

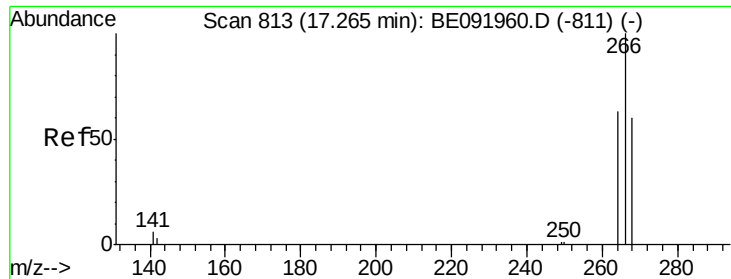
142 41.5 31.4 47.2

249 32.3 25.3 37.9



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#27

Pentachlorophenol

Concen: 0.34 ng

RT: 17.26 min Scan# 813

Delta R.T. 0.00 min

Lab File: BE091969.D

Acq: 5 Jul 2016 19:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

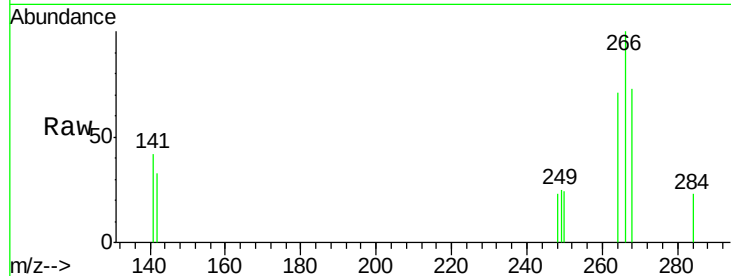
Tgt Ion:266 Resp: 499

Ion Ratio Lower Upper

266 100

268 72.7 60.5 90.7

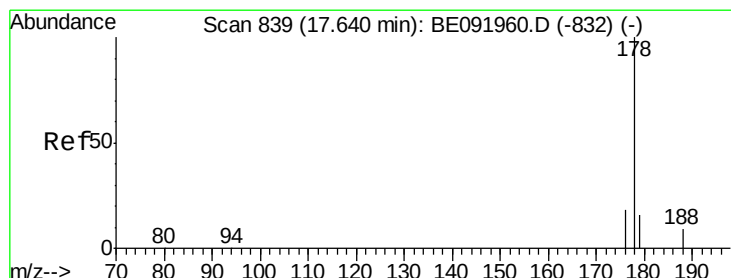
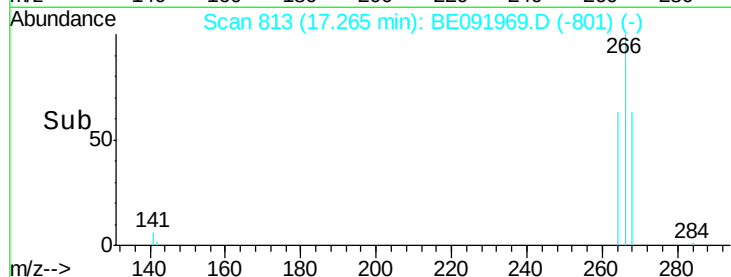
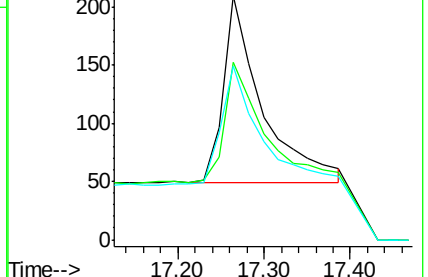
264 71.3 51.0 76.4



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: 0.41 ng

RT: 17.64 min Scan# 839

Delta R.T. 0.00 min

Lab File: BE091969.D

Acq: 5 Jul 2016 19:44

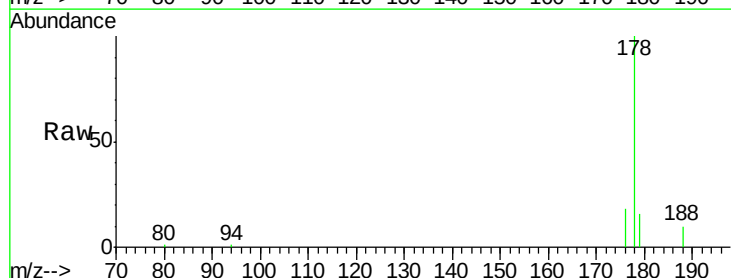
Tgt Ion:178 Resp: 15257

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.2

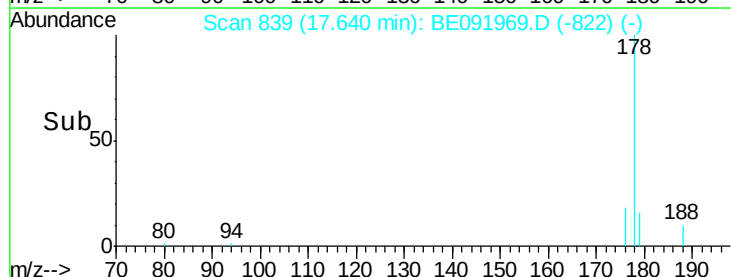
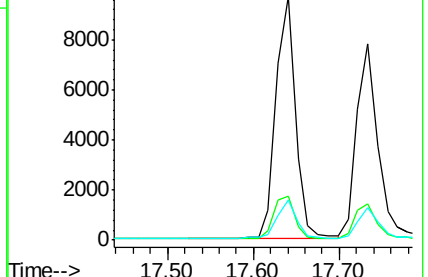
179 16.0 12.9 19.3

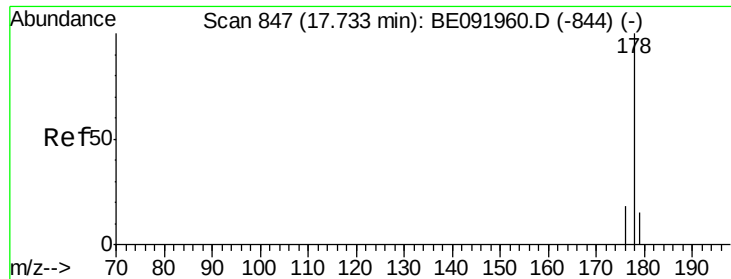


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#29

Anthracene

Concen: 0.38 ng

RT: 17.73 min Scan# 847

Delta R.T. 0.00 min

Lab File: BE091969.D

Acq: 5 Jul 2016 19:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

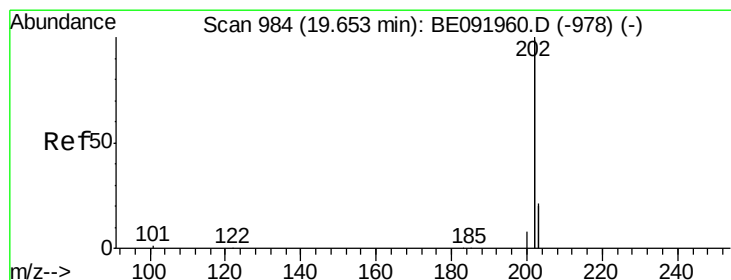
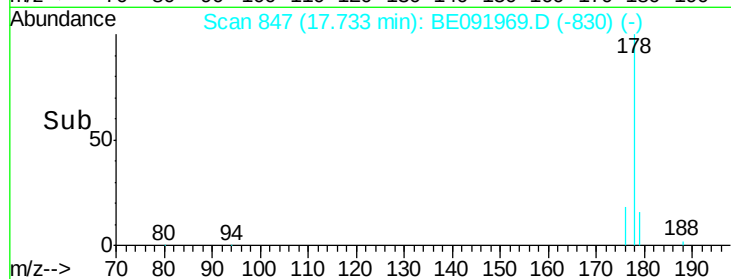
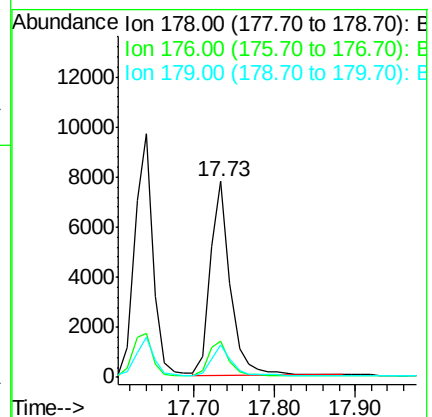
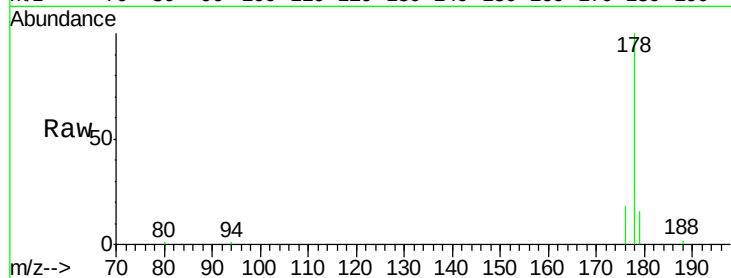
Tgt Ion:178 Resp: 13518

Ion Ratio Lower Upper

178 100

176 18.9 15.1 22.7

179 15.1 12.1 18.1



#30

Fluoranthene

Concen: 0.39 ng

RT: 19.65 min Scan# 984

Delta R.T. -0.00 min

Lab File: BE091969.D

Acq: 5 Jul 2016 19:44

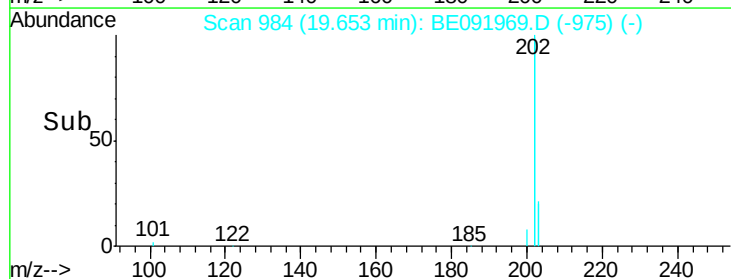
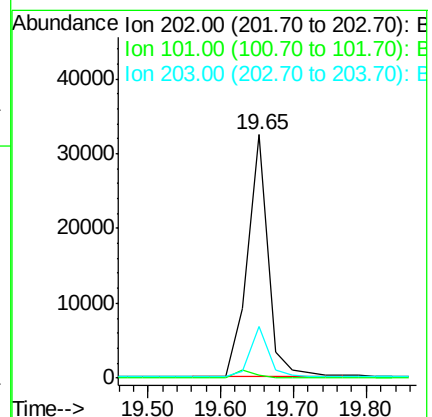
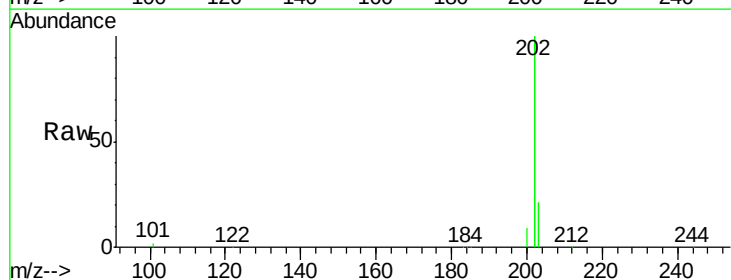
Tgt Ion:202 Resp: 63617

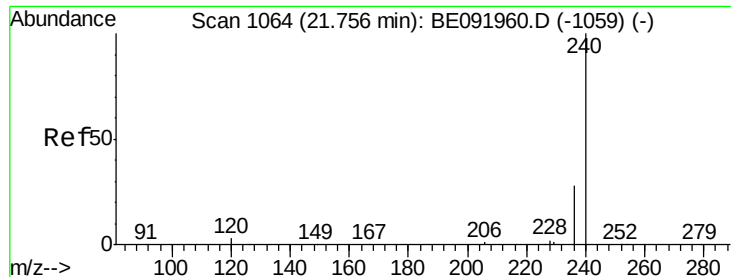
Ion Ratio Lower Upper

202 100

101 0.0 9.4 14.0#

203 18.5 14.3 21.5





#31

Chrysene-d12

Concen: 5.00 ng

RT: 21.76 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BE091969.D

Acq: 5 Jul 2016 19:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

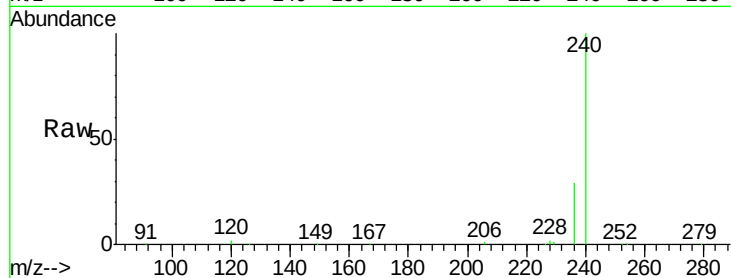
Tgt Ion:240 Resp: 256066

Ion Ratio Lower Upper

240 100

120 2.4 1.2 1.8#

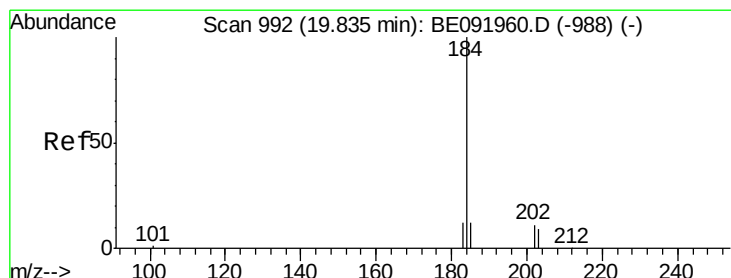
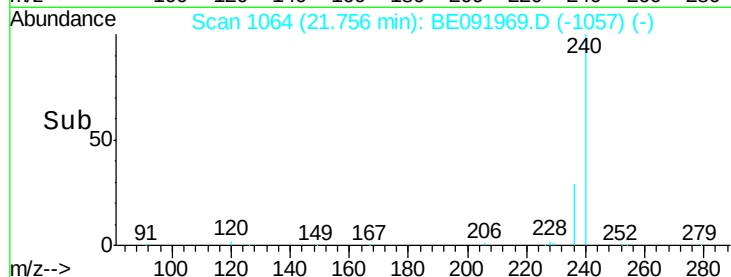
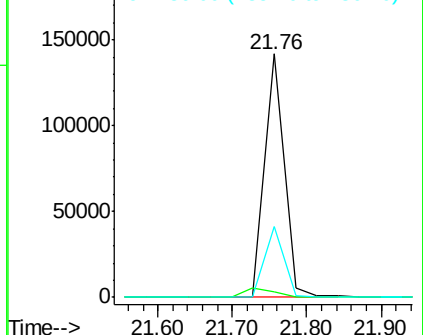
236 28.9 19.8 29.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#32

Benzidine

Concen: 0.42 ng

RT: 19.83 min Scan# 992

Delta R.T. 0.00 min

Lab File: BE091969.D

Acq: 5 Jul 2016 19:44

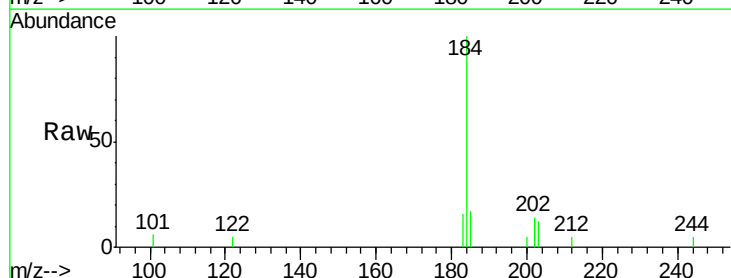
Tgt Ion:184 Resp: 4242

Ion Ratio Lower Upper

184 100

185 16.6 11.4 17.2

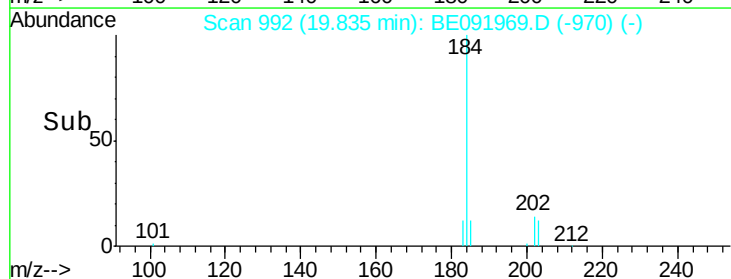
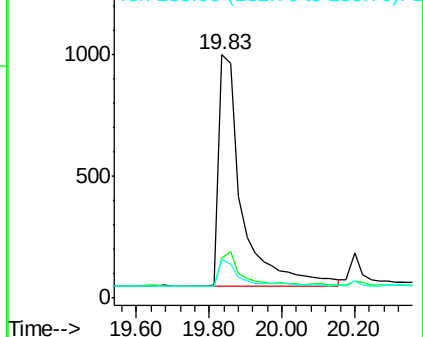
183 16.2 11.8 17.6

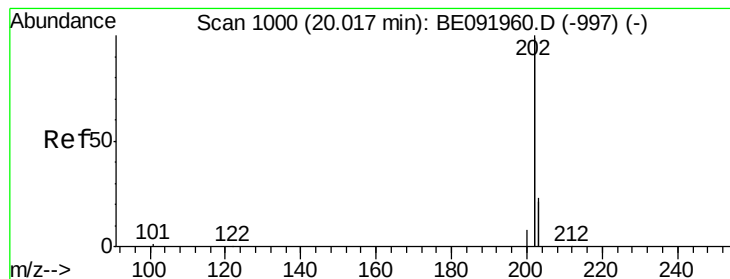


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#33

Pyrene

Concen: 0.37 ng

RT: 20.02 min Scan# 1000

Delta R.T. -0.00 min

Lab File: BE091969.D

Acq: 5 Jul 2016 19:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

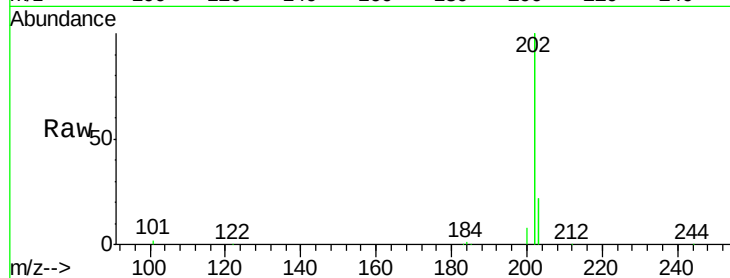
Tgt Ion: 202 Resp: 68813

Ion Ratio Lower Upper

202 100

200 5.3 16.9 25.3#

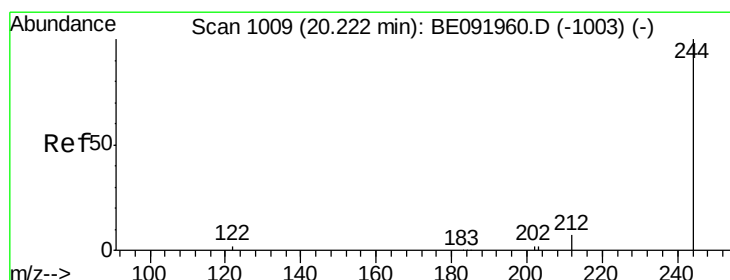
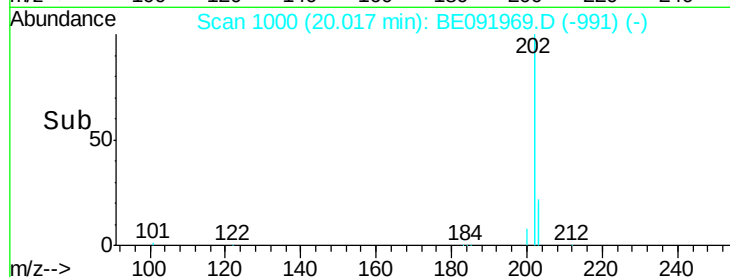
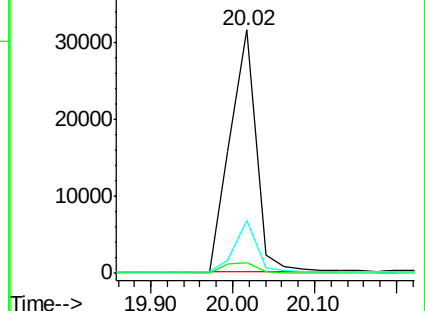
203 17.9 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#34

Terphenyl-d14

Concen: 0.37 ng

RT: 20.22 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BE091969.D

Acq: 5 Jul 2016 19:44

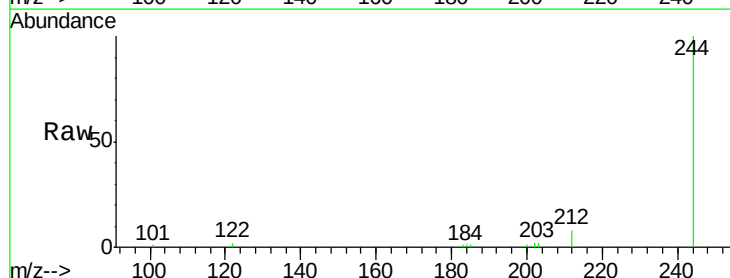
Tgt Ion: 244 Resp: 11076

Ion Ratio Lower Upper

244 100

212 7.6 6.5 9.7

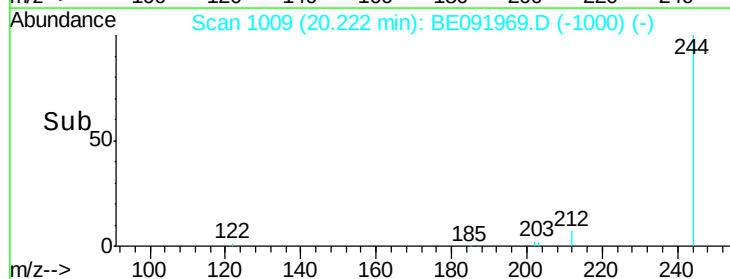
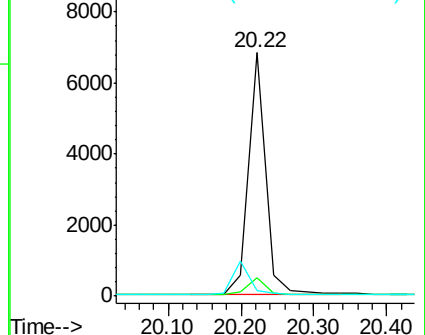
122 2.3 2.9 4.3#

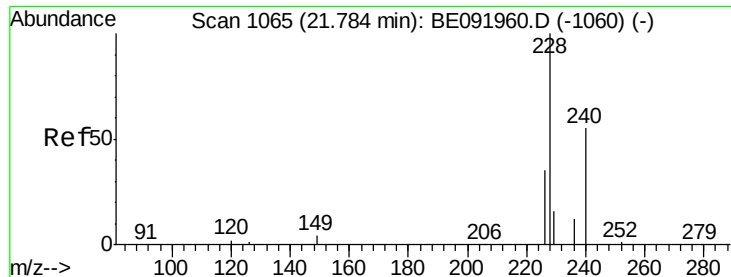


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

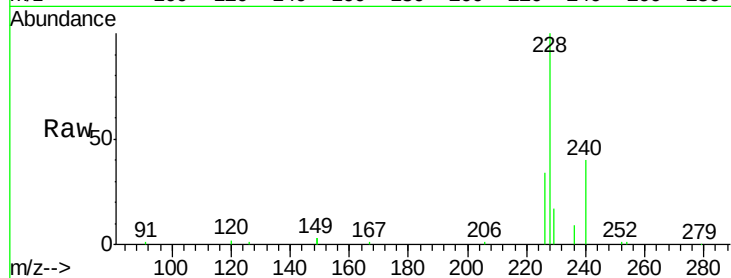




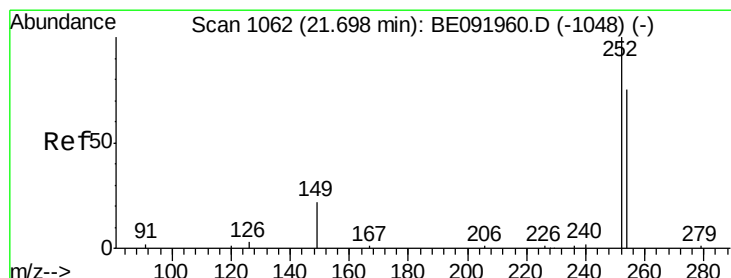
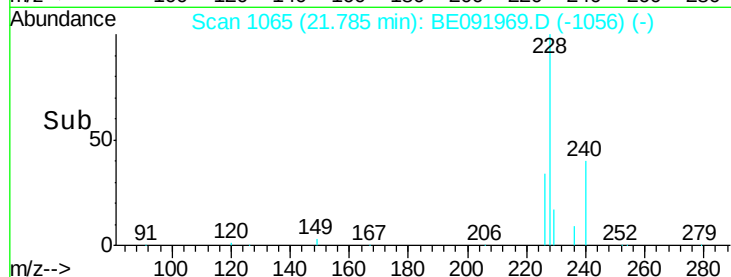
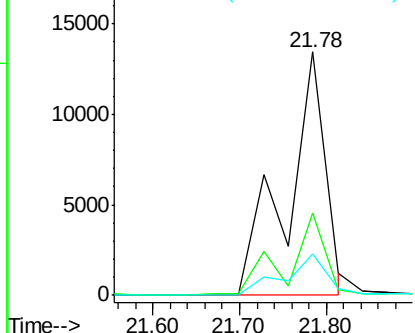
#35
Benzo(a)anthracene
Concen: 0.96 ng
RT: 21.78 min Scan# 1065
Delta R.T. 0.06 min
Lab File: BE091969.D
Acq: 5 Jul 2016 19:44

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 41118
Ion Ratio Lower Upper
228 100
226 33.8 21.0 31.4#
229 17.0 15.8 23.8

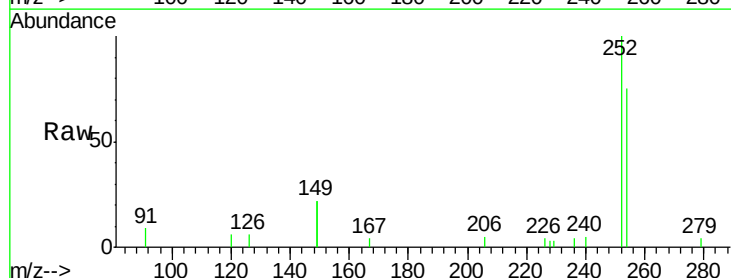


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

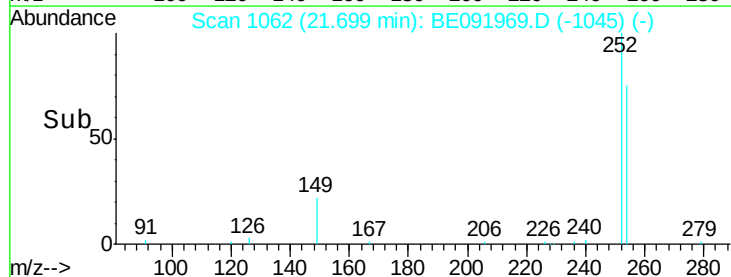
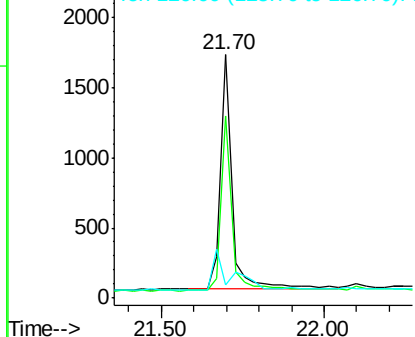


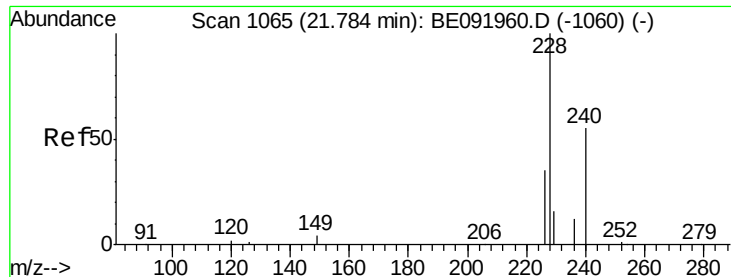
#36
3,3'-Dichlorobenzidine
Concen: 0.31 ng
RT: 21.70 min Scan# 1062
Delta R.T. 0.00 min
Lab File: BE091969.D
Acq: 5 Jul 2016 19:44

Tgt Ion:252 Resp: 4151
Ion Ratio Lower Upper
252 100
254 75.0 61.5 92.3
126 5.6 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: 0.69 ng

RT: 21.78 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BE091969.D

Acq: 5 Jul 2016 19:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

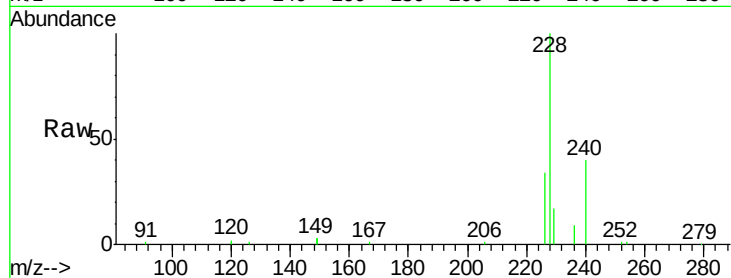
Tgt Ion:228 Resp: 41681

Ion Ratio Lower Upper

228 100

226 33.8 27.0 40.6

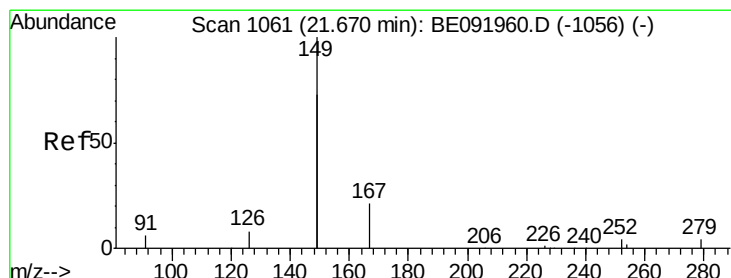
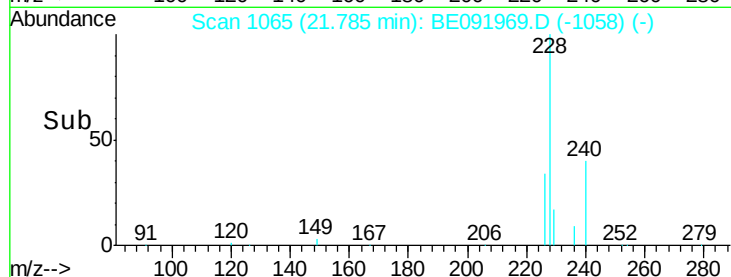
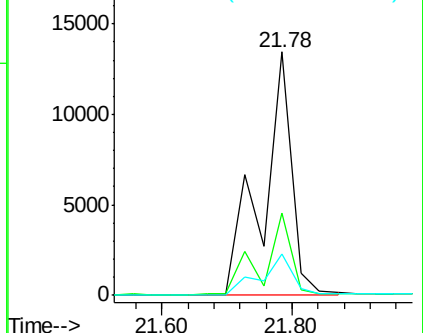
229 17.0 13.8 20.8



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: 0.29 ng

RT: 21.67 min Scan# 1061

Delta R.T. 0.00 min

Lab File: BE091969.D

Acq: 5 Jul 2016 19:44

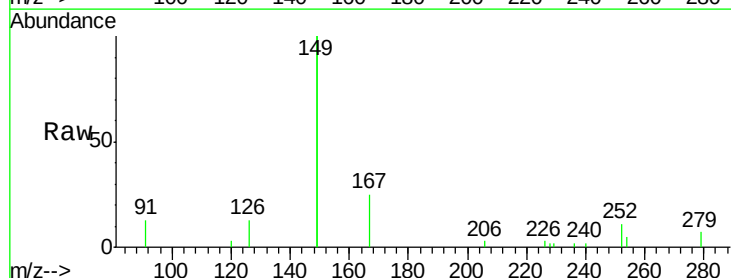
Tgt Ion:149 Resp: 14331

Ion Ratio Lower Upper

149 100

167 8.4 0.0 0.0#

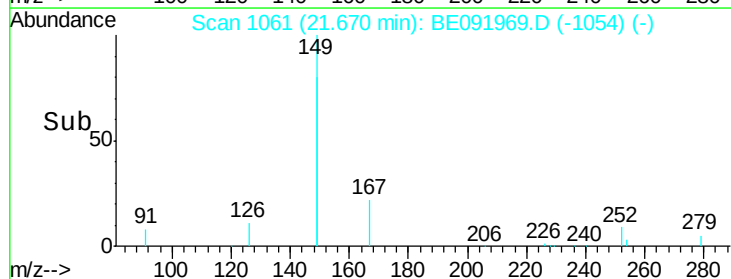
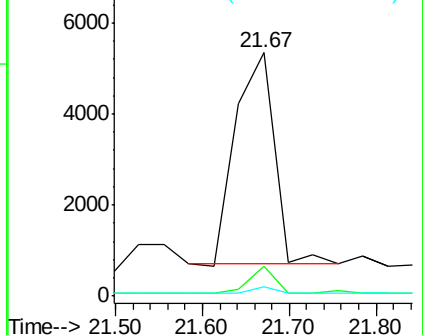
279 1.8 0.0 0.0#

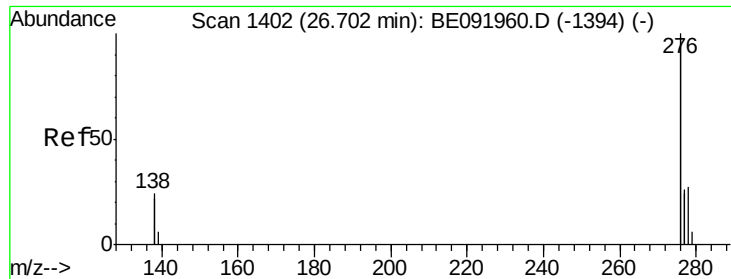


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.38 ng

RT: 26.68 min Scan# 1401

Delta R.T. -0.02 min

Lab File: BE091969.D

Acq: 5 Jul 2016 19:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

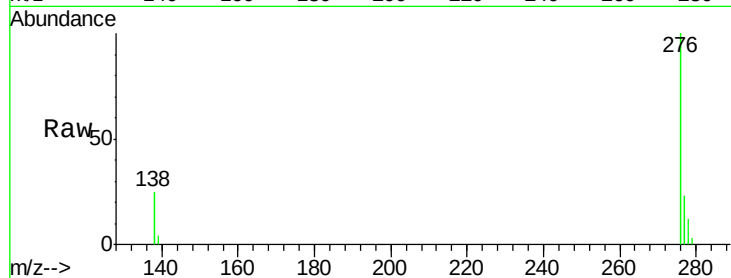
Tgt Ion:276 Resp: 91539

Ion Ratio Lower Upper

276 100

138 26.0 19.7 29.5

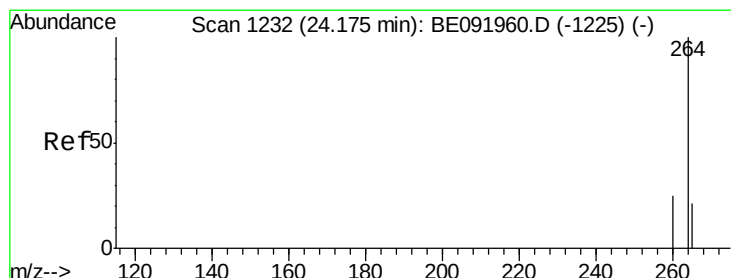
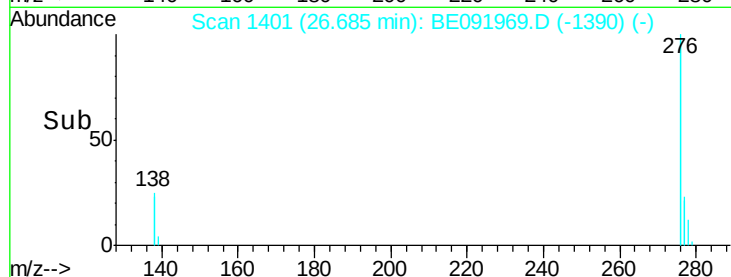
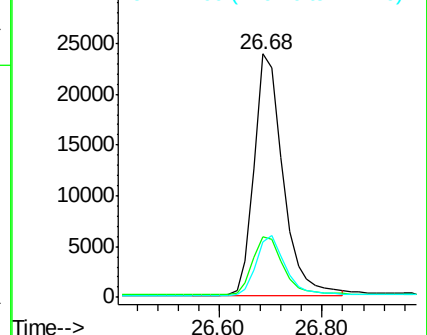
277 24.8 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#40

Perylene-d12

Concen: 5.00 ng

RT: 24.17 min Scan# 1232

Delta R.T. -0.00 min

Lab File: BE091969.D

Acq: 5 Jul 2016 19:44

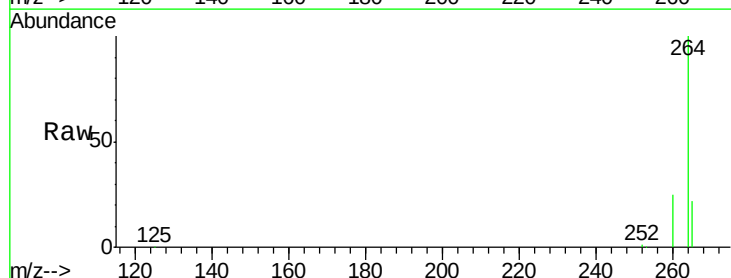
Tgt Ion:264 Resp: 199457

Ion Ratio Lower Upper

264 100

260 24.9 20.3 30.5

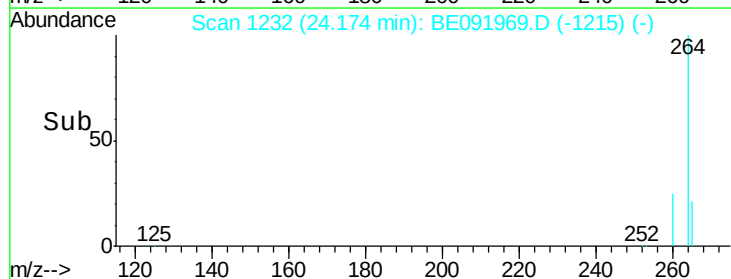
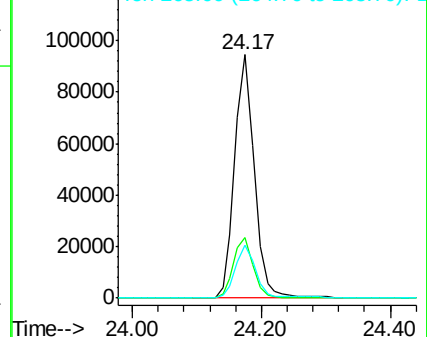
265 21.8 17.6 26.4

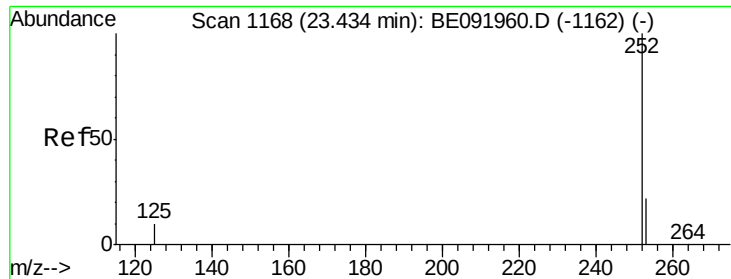


Abundance Ion 264.00 (263.70 to 264.70): E

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: BE091969.D

Acq: 5 Jul 2016 19:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

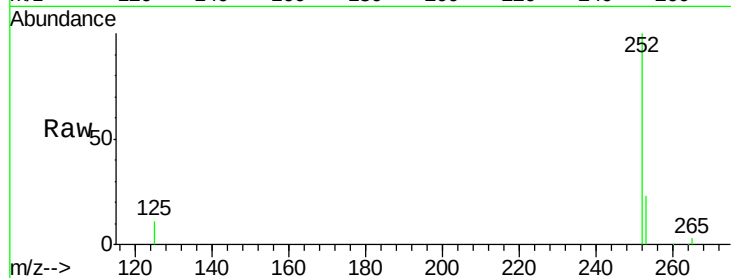
Tgt Ion:252 Resp: 21624

Ion Ratio Lower Upper

252 100

253 23.0 17.8 26.6

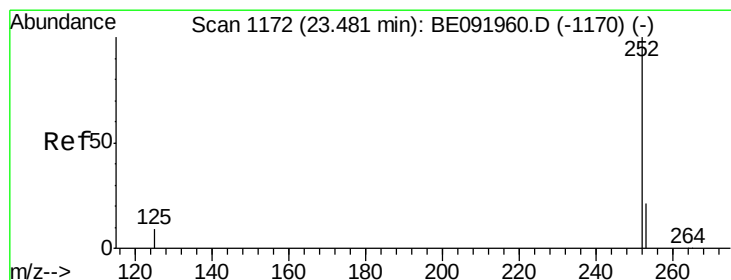
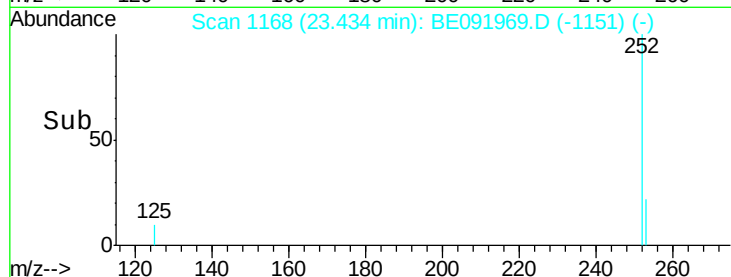
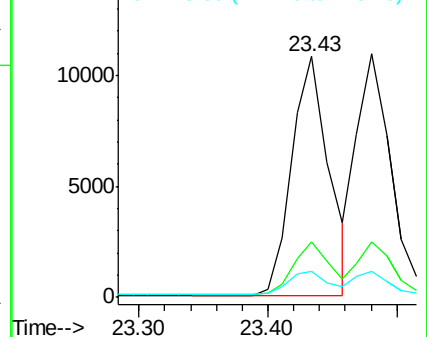
125 10.6 9.4 14.2



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: 0.39 ng

RT: 23.48 min Scan# 1172

Delta R.T. -0.00 min

Lab File: BE091969.D

Acq: 5 Jul 2016 19:44

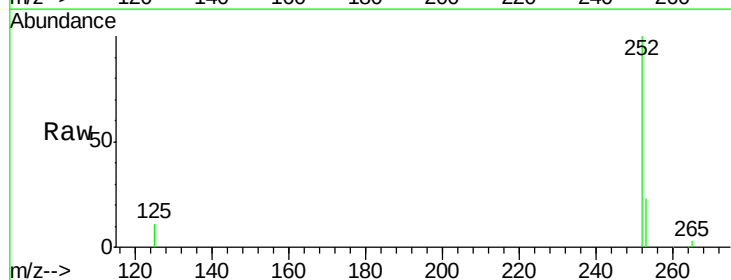
Tgt Ion:252 Resp: 20673

Ion Ratio Lower Upper

252 100

253 22.5 19.4 29.2

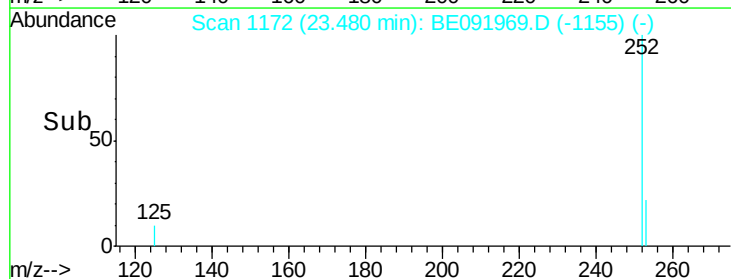
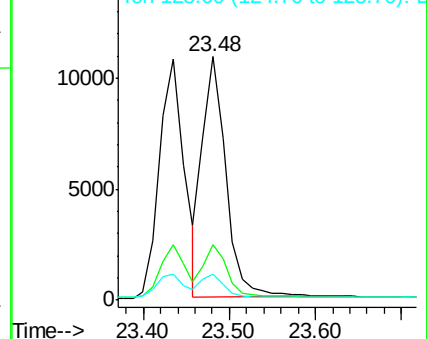
125 10.6 8.3 12.5

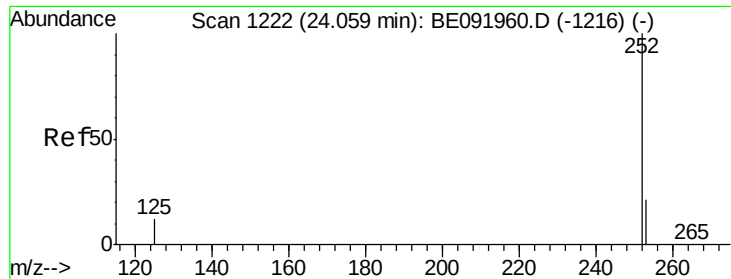


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#43

Benzo(a)pyrene

Concen: 0.38 ng

RT: 24.06 min Scan# 1222

Delta R.T. -0.00 min

Lab File: BE091969.D

Acq: 5 Jul 2016 19:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

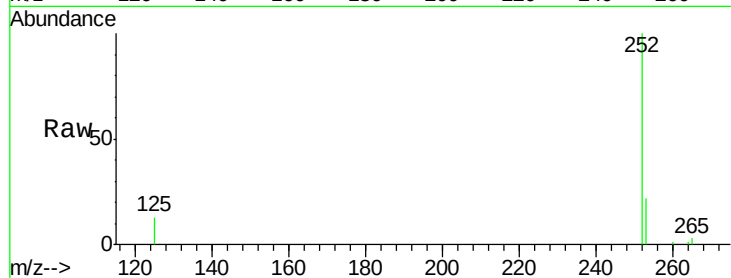
Tgt Ion: 252 Resp: 19975

Ion Ratio Lower Upper

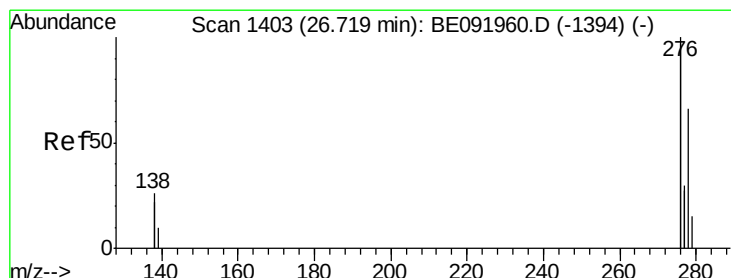
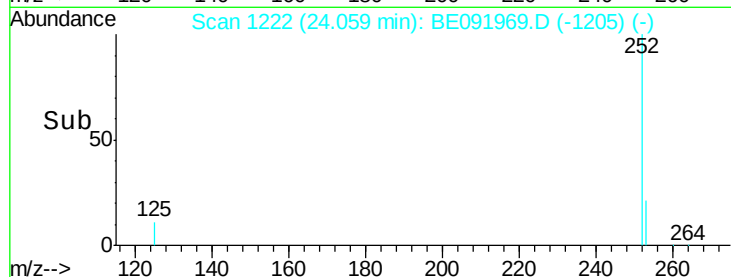
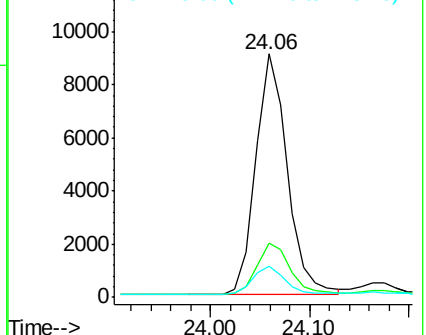
252 100

253 22.3 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: 0.38 ng

RT: 26.72 min Scan# 1403

Delta R.T. 0.00 min

Lab File: BE091969.D

Acq: 5 Jul 2016 19:44

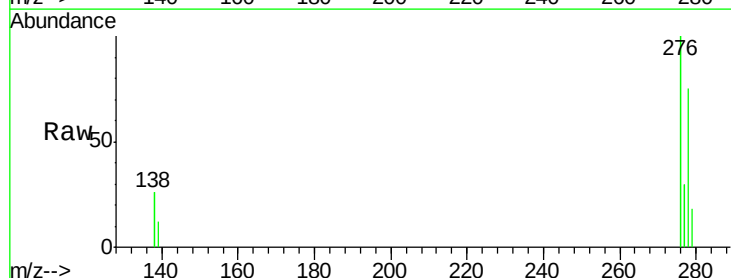
Tgt Ion: 278 Resp: 18645

Ion Ratio Lower Upper

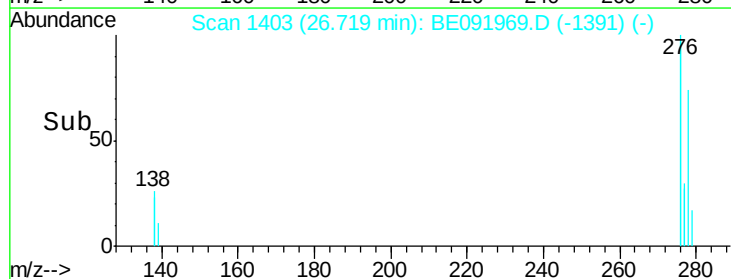
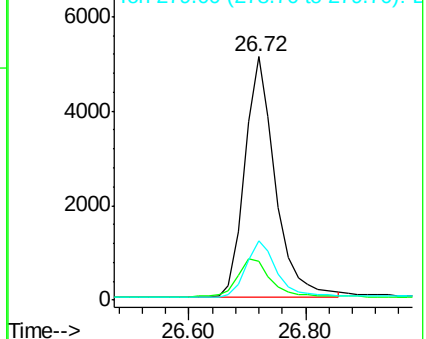
278 100

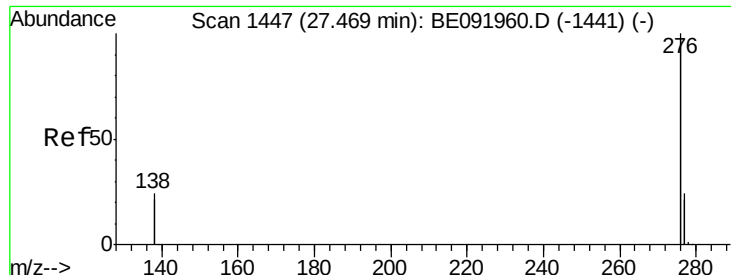
139 16.1 12.6 18.8

279 24.4 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: 0.39 ng

RT: 27.47 min Scan# 1447

Delta R.T. 0.00 min

Lab File: BE091969.D

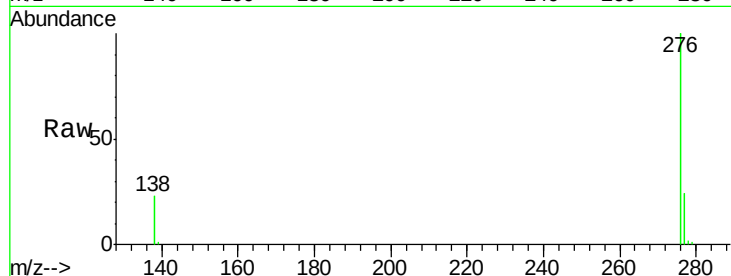
Acq: 5 Jul 2016 19:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4



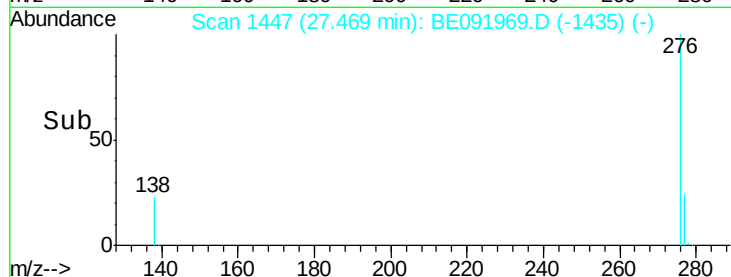
Tgt Ion: 276 Resp: 76920

Ion Ratio Lower Upper

276 100

277 24.1 19.5 29.3

138 23.3 17.7 26.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

