

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE051016\
 Data File : BE091759.D
 Acq On : 10 May 2016 16:39
 Operator : UM/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: May 11 01:17:39 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE042616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 26 16:09:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	43186	5.00	ng	0.00
7) Naphthalene-d8	10.57	136	204444	5.00	ng	0.00
13) Acenaphthene-d10	14.41	164	122737	5.00	ng	-0.01
19) Phenanthrene-d10	17.15	188	301313	5.00	ng	0.00
26) Chrysene-d12	21.31	240	307805	5.00	ng	0.00
35) Perylene-d12	23.75	264	307573	5.00	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.39	112	4010	0.38	ng	0.00
5) Phenol-d6	6.96	99	5178	0.37	ng	0.00
8) Nitrobenzene-d5	8.95	82	4524	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.90	330	1270	0.43	ng	0.00
15) 2-Fluorobiphenyl	13.03	172	12890	0.37	ng	0.00
29) Terphenyl-d14	19.76	244	20165	0.42	ng	0.00

Target Compounds

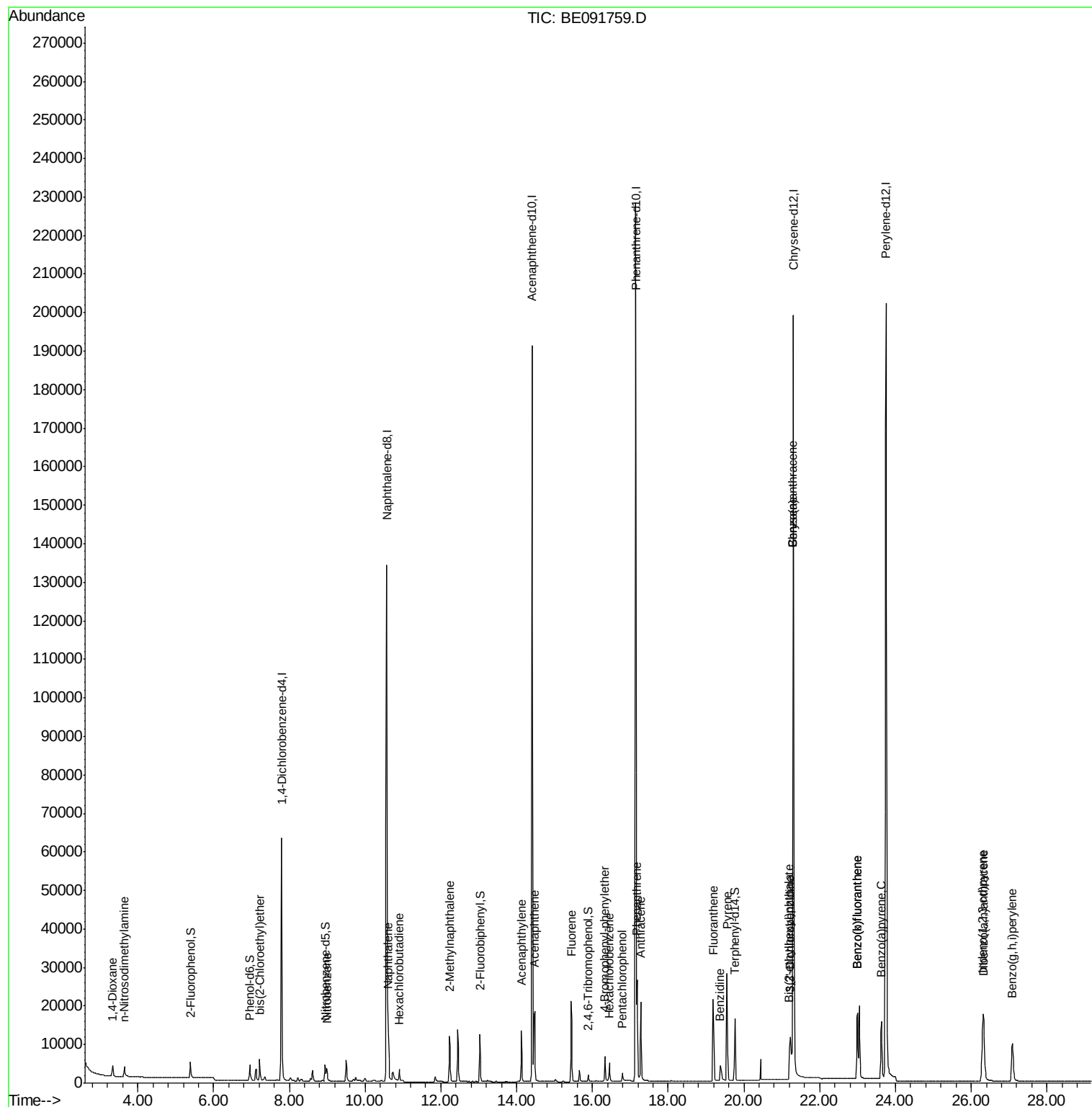
						Qvalue
2) 1,4-Dioxane	3.33	88	2128	0.33	ng	92
3) n-Nitrosodimethylamine	3.65	42	2512	0.32	ng	# 96
6) bis(2-Chloroethyl)ether	7.21	93	4349	0.35	ng	# 76
9) Nitrobenzene	8.99	77	4557	0.33	ng	96
10) Naphthalene	10.61	128	16018	0.39	ng	99
11) Hexachlorobutadiene	10.90	225	3109	0.51	ng	92
12) 2-Methylnaphthalene	12.23	142	10082	0.38	ng	97
16) Acenaphthylene	14.12	152	18381	0.39	ng	# 82
17) Acenaphthene	14.47	154	11257	0.37	ng	87
18) Fluorene	15.45	166	14196	0.37	ng	98
20) 4-Bromophenyl-phenylether	16.32	248	4170	0.38	ng	94
21) Hexachlorobenzene	16.45	284	4389	0.41	ng	98
22) Pentachlorophenol	16.79	266	2051	0.44	ng	91
23) Phenanthrene	17.18	178	26507	0.39	ng	99
24) Anthracene	17.27	178	23473	0.38	ng	99
25) Fluoranthene	19.19	202	26695	0.37	ng	# 97
27) Benzidine	19.38	184	9821	0.55	ng	# 78
28) Pyrene	19.55	202	29069	0.42	ng	99
30) Benzo(a)anthracene	21.29	228	28693	0.38	ng	93
31) 3,3'-Dichlorobenzidine	21.22	252	14870	0.39	ng	# 85
32) Chrysene	21.29	228	28690	0.37	ng	# 90
33) Bis(2-ethylhexyl)phthalate	21.20	149	10604	0.47	ng	# 88
34) Indeno(1,2,3-cd)pyrene	26.31	276	28887	0.42	ng	95
36) Benzo(b)fluoranthene	23.00	252	27984	0.39	ng	95
37) Benzo(k)fluoranthene	23.00	252	27984	0.38	ng	96
38) Benzo(a)pyrene	23.63	252	24936	0.37	ng	98
39) Dibenzo(a,h)anthracene	26.33	278	23527	0.37	ng	# 96
40) Benzo(g,h,i)perylene	27.09	276	24396	0.37	ng	95

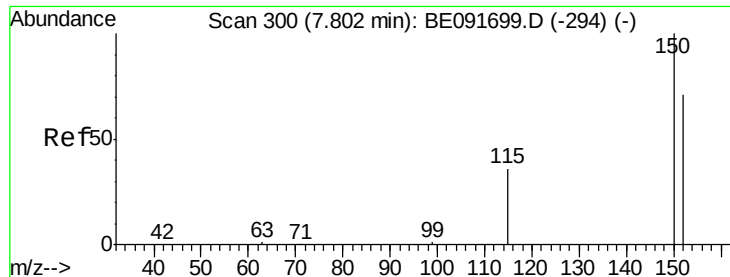
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.80 min Scan# 300

Delta R.T. 0.00 min

Lab File: BE091759.D

Acq: 10 May 2016 16:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

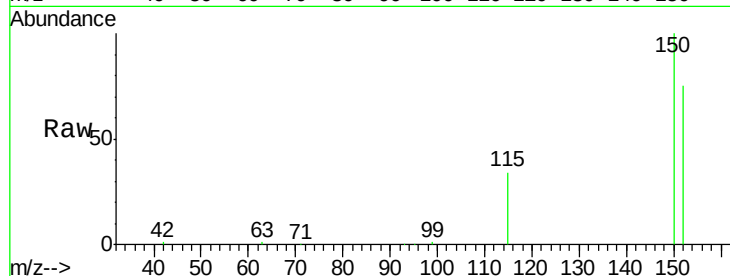
Tgt Ion:152 Resp: 43186

Ion Ratio Lower Upper

152 100

150 133.4 122.6 183.8

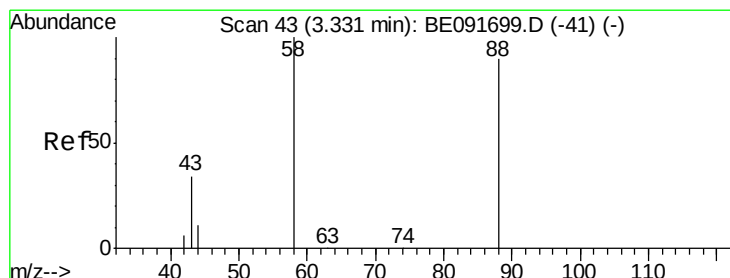
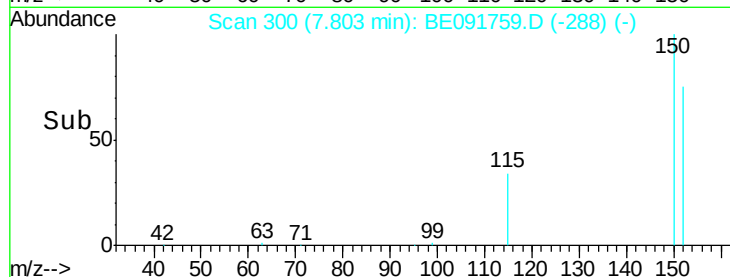
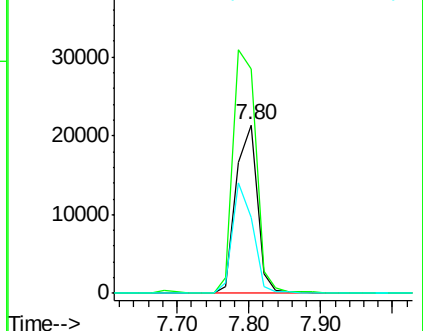
115 45.2 52.8 79.2#



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: 0.33 ng

RT: 3.33 min Scan# 43

Delta R.T. 0.00 min

Lab File: BE091759.D

Acq: 10 May 2016 16:39

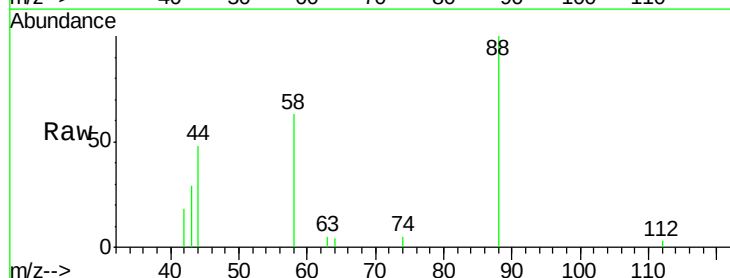
Tgt Ion: 88 Resp: 2128

Ion Ratio Lower Upper

88 100

58 72.7 65.8 98.6

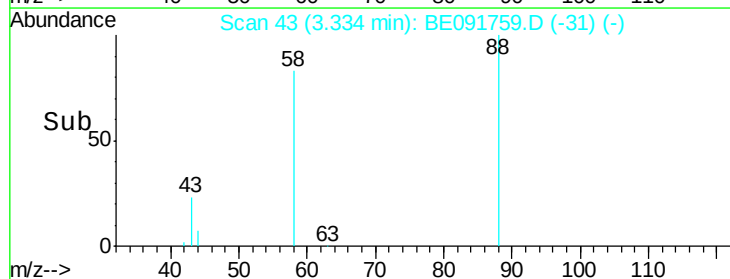
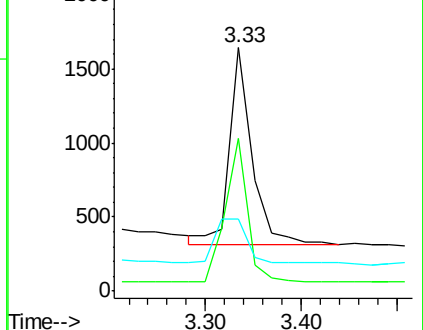
43 30.5 25.3 37.9

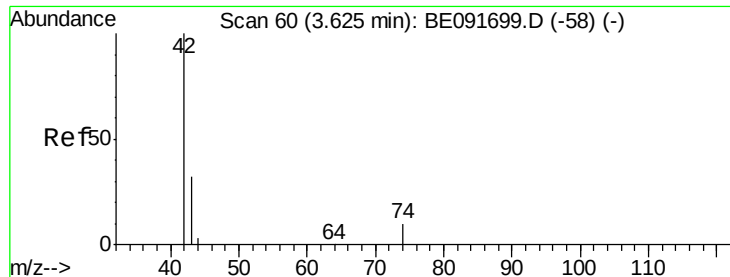


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.32 ng

RT: 3.65 min Scan# 61

Delta R.T. 0.02 min

Lab File: BE091759.D

Acq: 10 May 2016 16:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

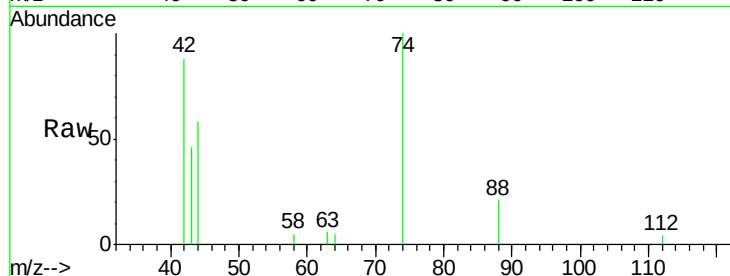
Tgt Ion: 42 Resp: 2512

Ion Ratio Lower Upper

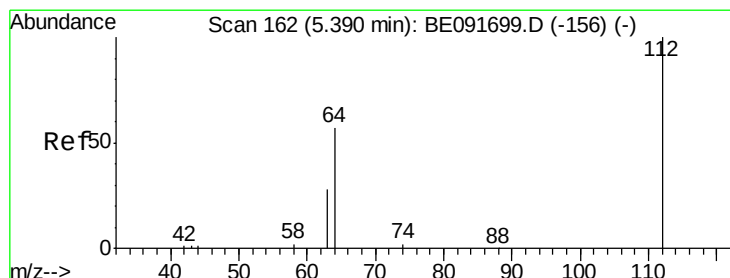
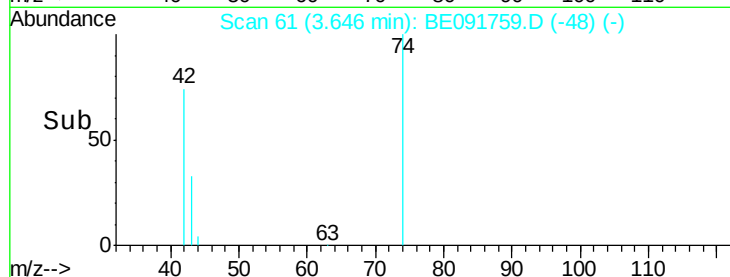
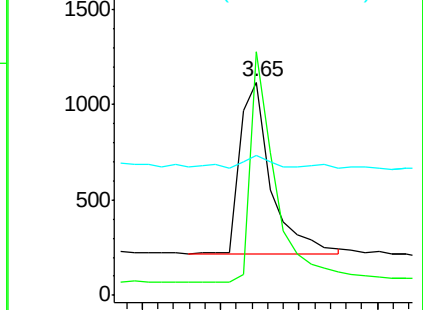
42 100

74 106.0 87.9 131.9

44 5.7 6.6 9.8#



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: 5.39 min Scan# 162

Delta R.T. 0.00 min

Lab File: BE091759.D

Acq: 10 May 2016 16:39

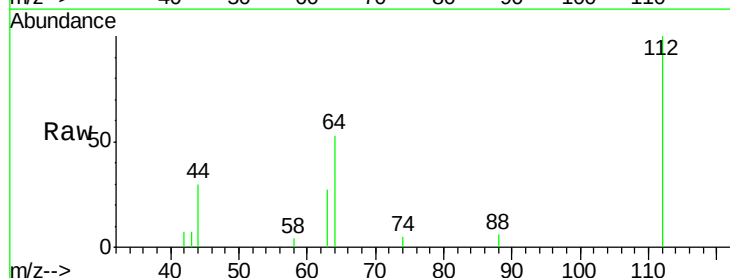
Tgt Ion: 112 Resp: 4010

Ion Ratio Lower Upper

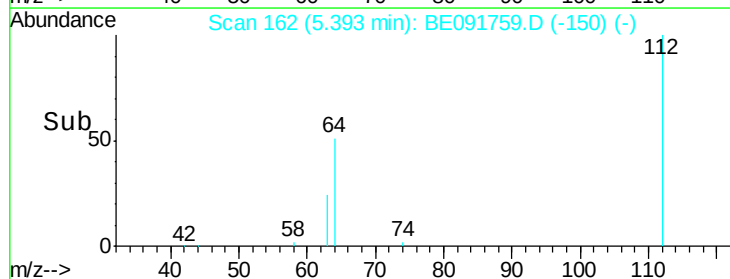
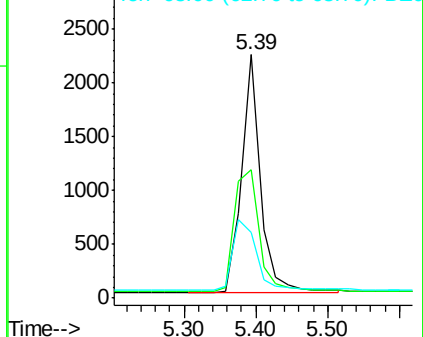
112 100

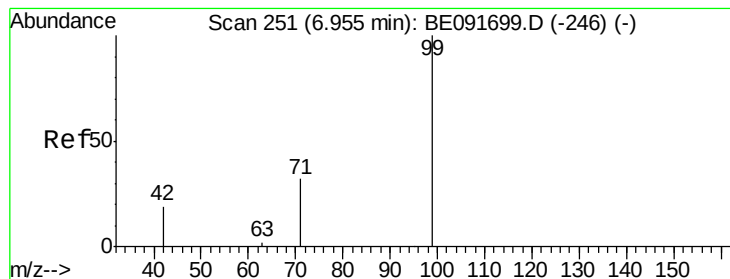
64 66.9 30.9 46.3#

63 36.2 16.7 25.1#



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: 0.37 ng

RT: 6.96 min Scan# 251

Delta R.T. 0.00 min

Lab File: BE091759.D

Acq: 10 May 2016 16:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

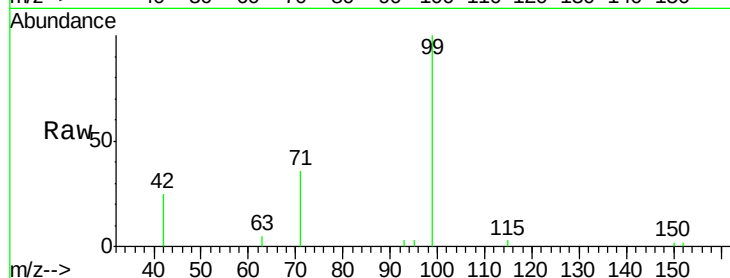
Tgt Ion: 99 Resp: 5178

Ion Ratio Lower Upper

99 100

42 26.1 16.2 24.2#

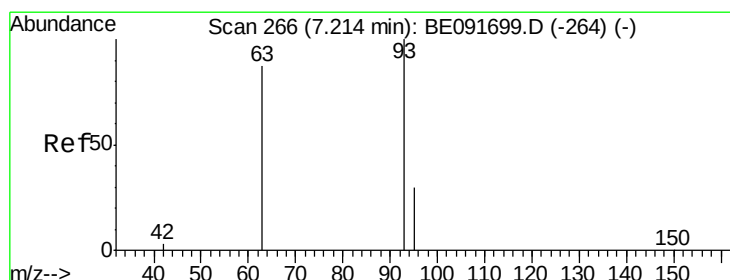
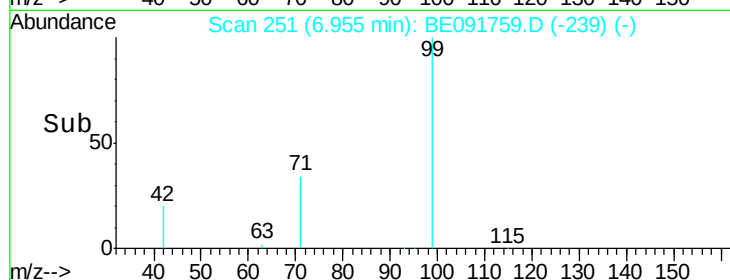
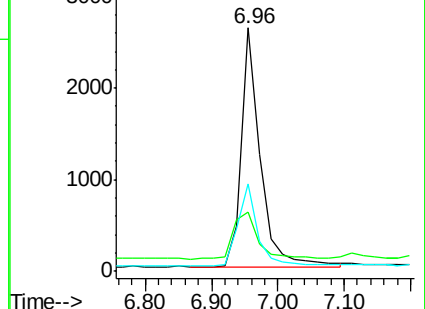
71 35.5 29.0 43.4



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: 0.35 ng

RT: 7.21 min Scan# 266

Delta R.T. 0.00 min

Lab File: BE091759.D

Acq: 10 May 2016 16:39

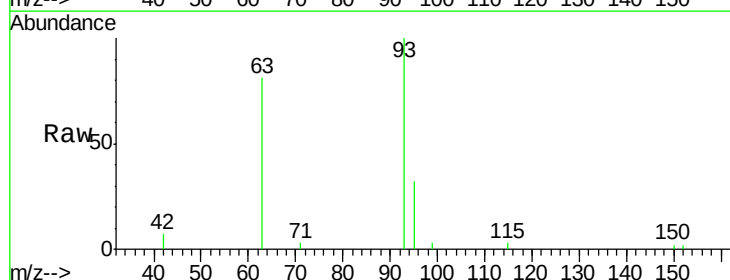
Tgt Ion: 93 Resp: 4349

Ion Ratio Lower Upper

93 100

63 85.1 49.5 74.3#

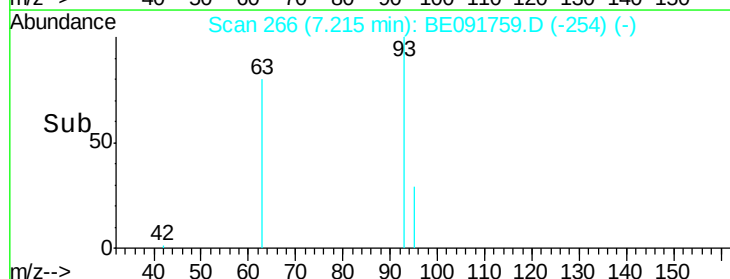
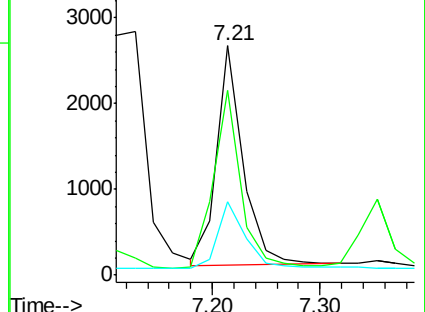
95 32.4 22.2 33.4

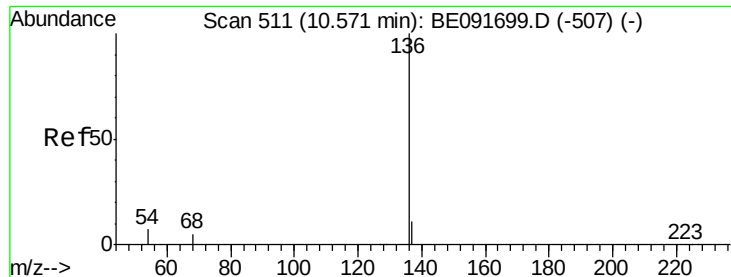


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.57 min Scan# 511

Delta R.T. 0.00 min

Lab File: BE091759.D

Acq: 10 May 2016 16:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion:136 Resp: 204444

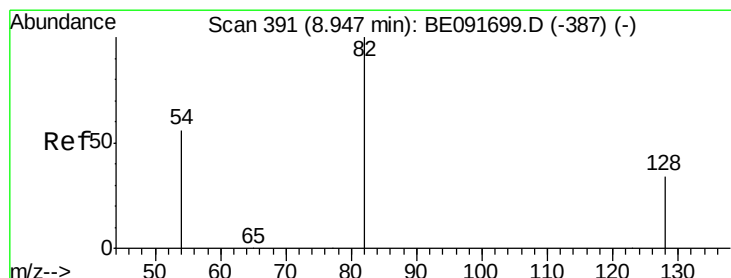
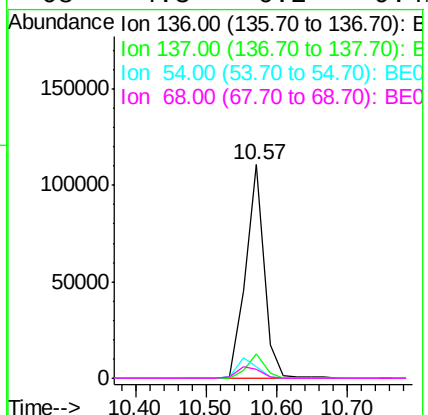
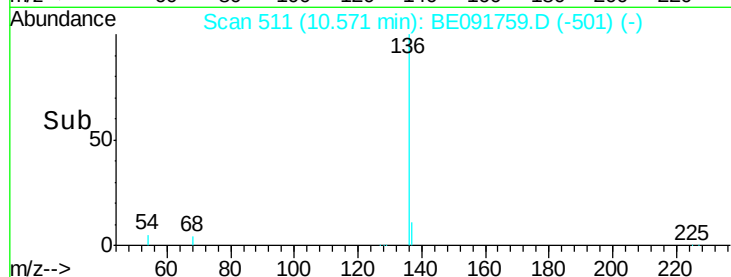
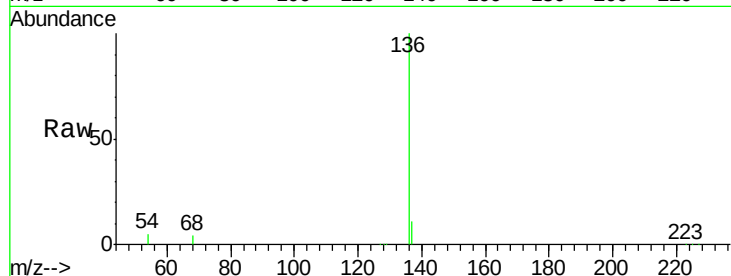
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 5.5 8.2 12.4#

68 4.3 6.2 9.4#



#8

Nitrobenzene-d5

Concen: 0.34 ng

RT: 8.95 min Scan# 391

Delta R.T. -0.00 min

Lab File: BE091759.D

Acq: 10 May 2016 16:39

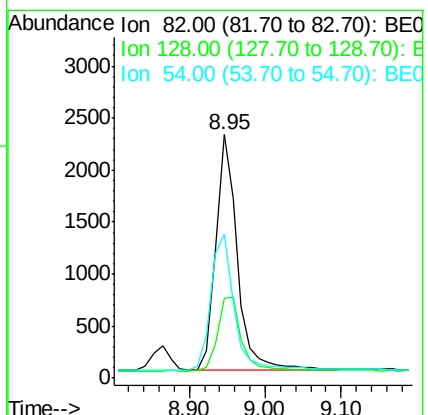
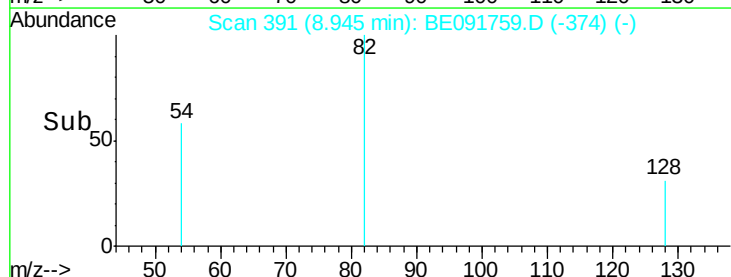
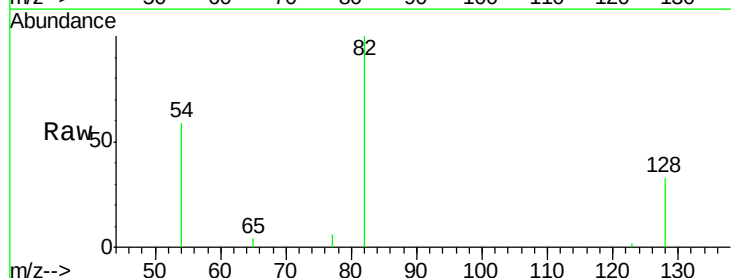
Tgt Ion: 82 Resp: 4524

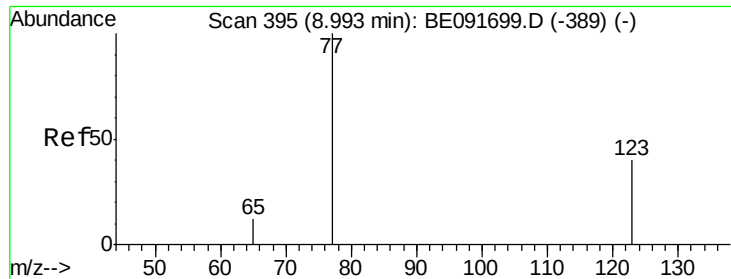
Ion Ratio Lower Upper

82 100

128 32.7 25.4 38.0

54 59.2 48.4 72.6





#9

Nitrobenzene

Concen: 0.33 ng

RT: 8.99 min Scan# 395

Delta R.T. -0.00 min

Lab File: BE091759.D

Acq: 10 May 2016 16:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

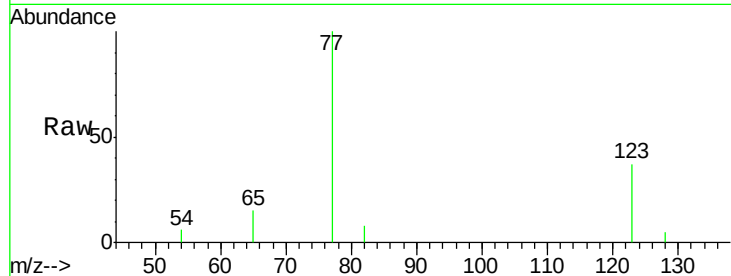
Tgt Ion: 77 Resp: 4557

Ion Ratio Lower Upper

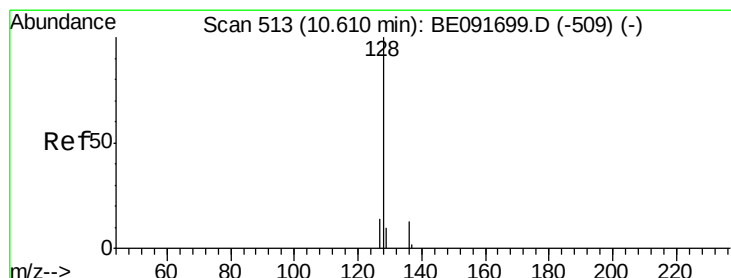
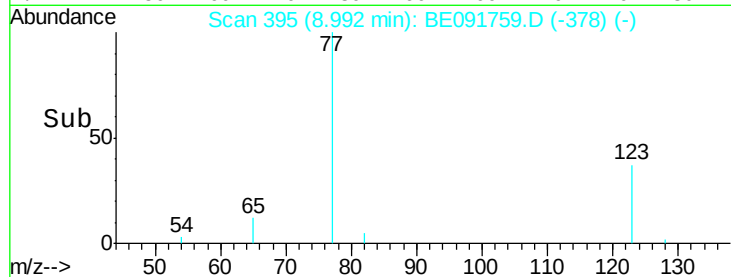
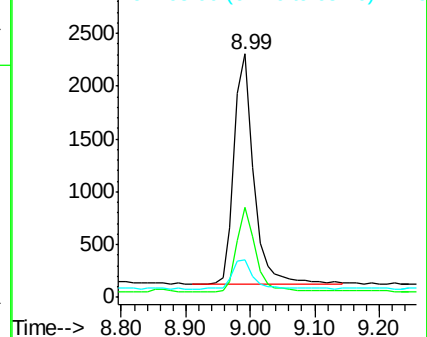
77 100

123 35.8 26.9 40.3

65 13.5 9.4 14.2



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



#10

Naphthalene

Concen: 0.39 ng

RT: 10.61 min Scan# 513

Delta R.T. 0.00 min

Lab File: BE091759.D

Acq: 10 May 2016 16:39

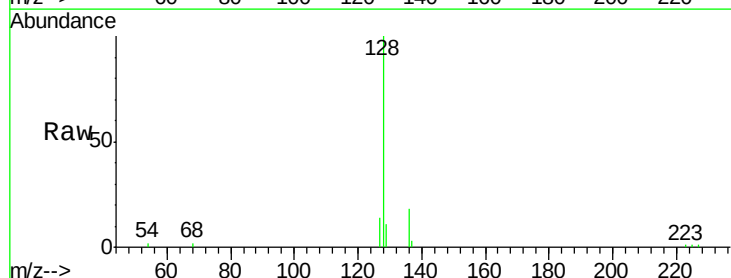
Tgt Ion: 128 Resp: 16018

Ion Ratio Lower Upper

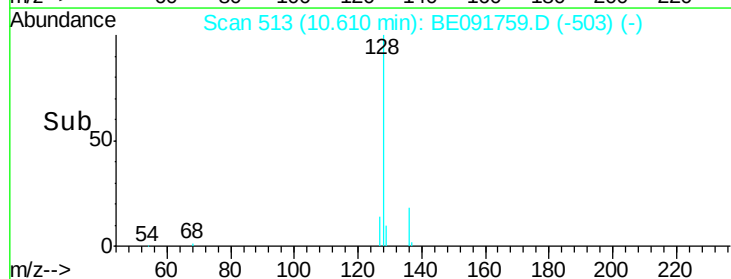
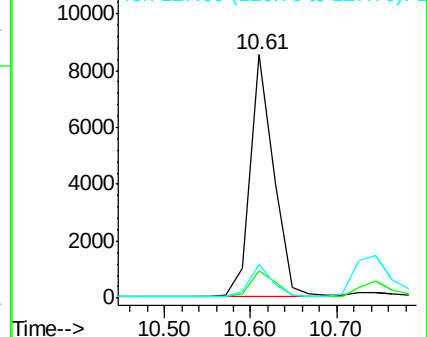
128 100

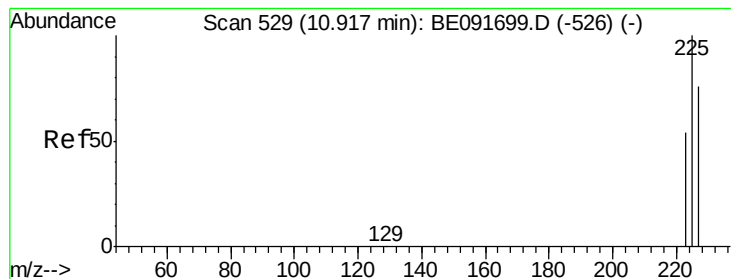
129 11.1 9.3 13.9

127 14.1 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E





#11

Hexachlorobutadiene

Concen: 0.51 ng

RT: 10.90 min Scan# 528

Delta R.T. -0.02 min

Lab File: BE091759.D

Acq: 10 May 2016 16:39

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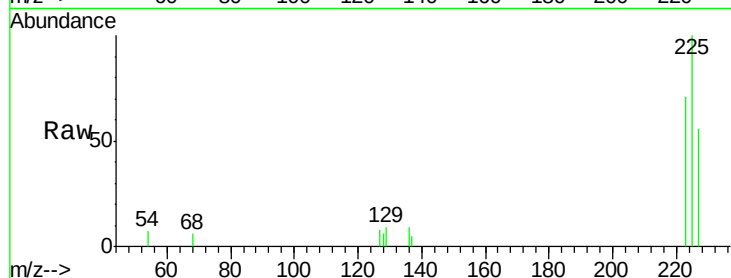
Tgt Ion: 225 Resp: 3109

Ion Ratio Lower Upper

225 100

223 69.4 49.0 73.6

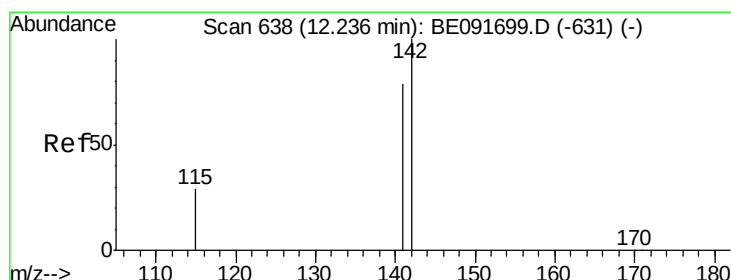
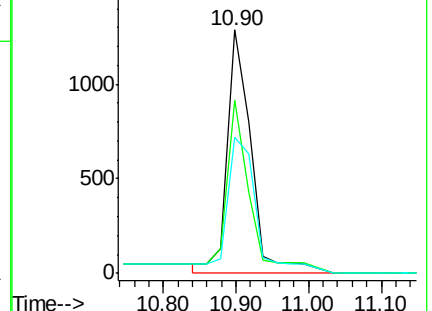
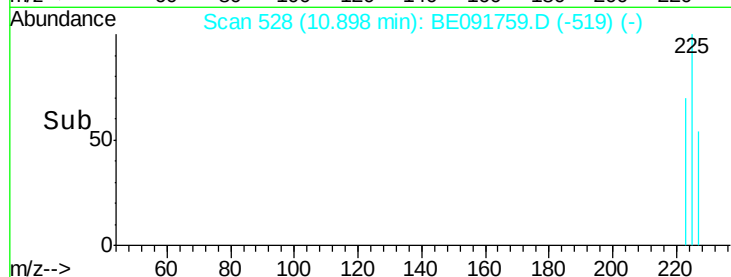
227 66.6 50.3 75.5



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



#12

2-Methylnaphthalene

Concen: 0.38 ng

RT: 12.23 min Scan# 637

Delta R.T. -0.01 min

Lab File: BE091759.D

Acq: 10 May 2016 16:39

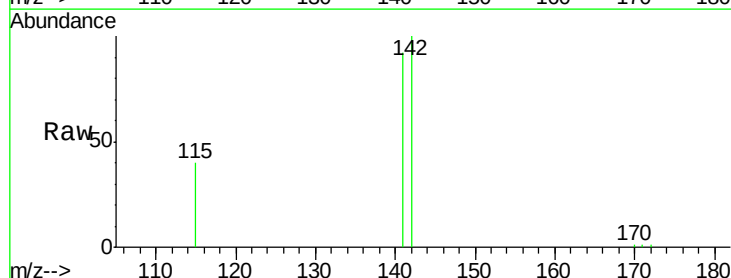
Tgt Ion: 142 Resp: 10082

Ion Ratio Lower Upper

142 100

141 92.4 71.4 107.0

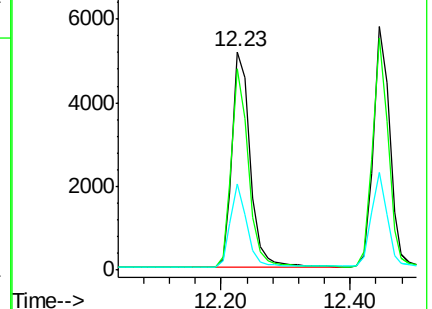
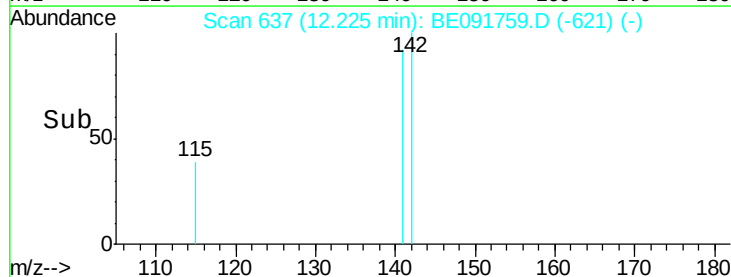
115 39.6 30.3 45.5

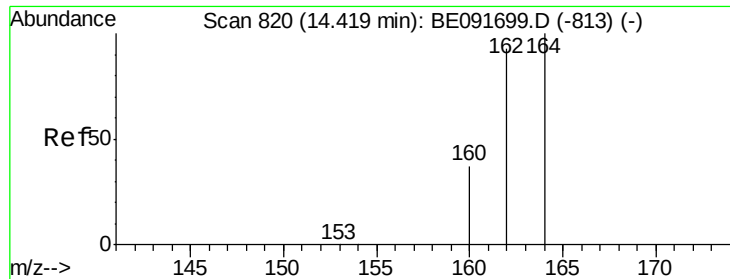


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.41 min Scan# 819

Delta R.T. -0.01 min

Lab File: BE091759.D

Acq: 10 May 2016 16:39

Instrument :

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ClientSampleId :

SSTDCCC0.4

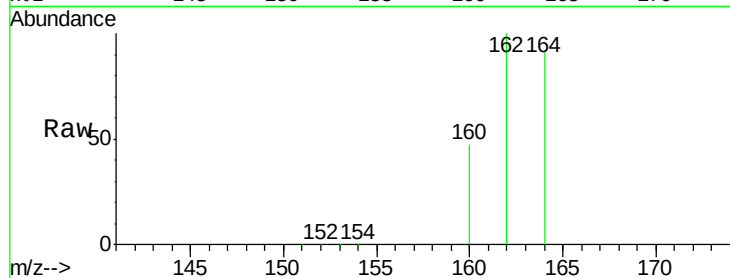
Tgt Ion:164 Resp: 122737

Ion Ratio Lower Upper

164 100

162 110.3 85.3 127.9

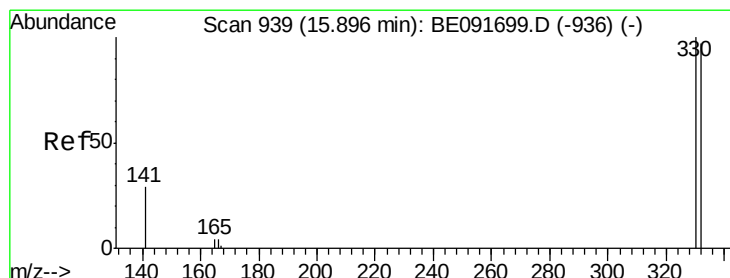
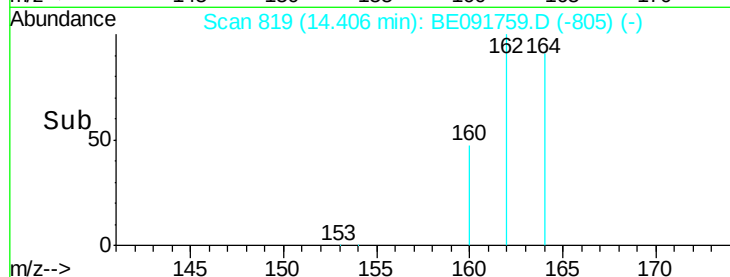
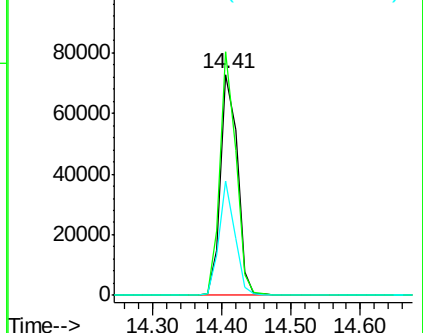
160 51.9 46.2 69.2



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



#14

2,4,6-Tribromophenol

Concen: 0.43 ng

RT: 15.90 min Scan# 939

Delta R.T. 0.00 min

Lab File: BE091759.D

Acq: 10 May 2016 16:39

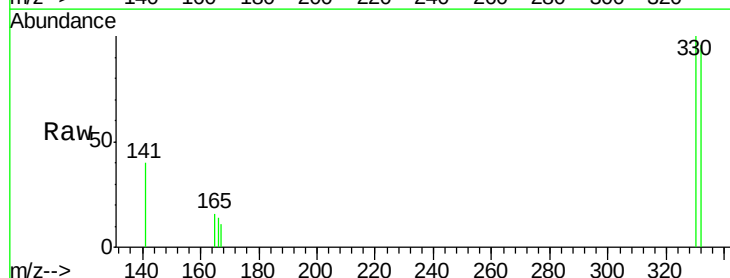
Tgt Ion:330 Resp: 1270

Ion Ratio Lower Upper

330 100

332 96.0 79.1 118.7

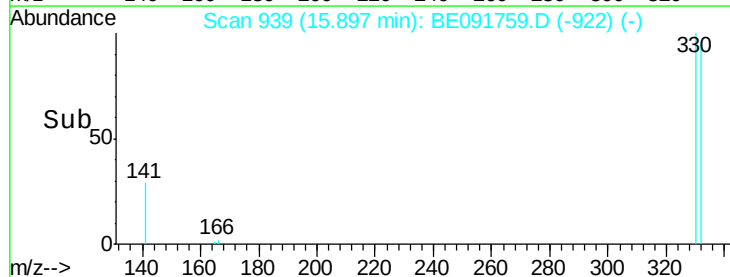
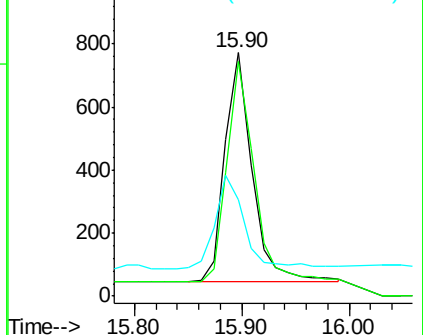
141 45.7 125.4 188.0#

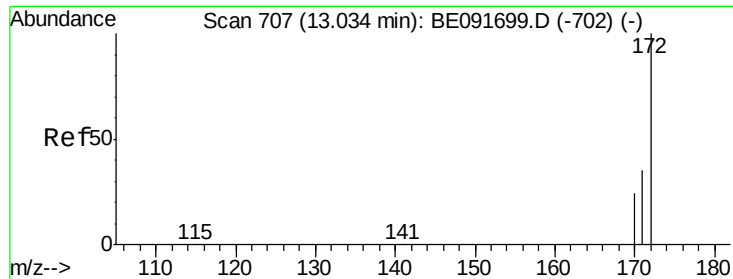


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

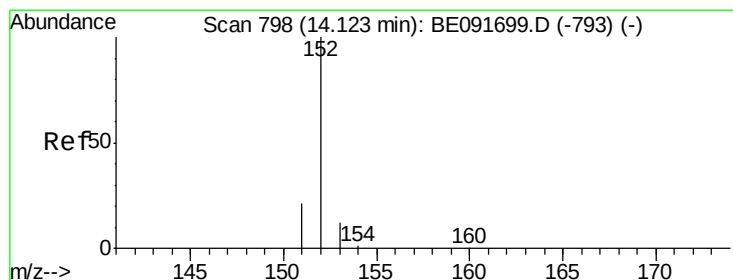
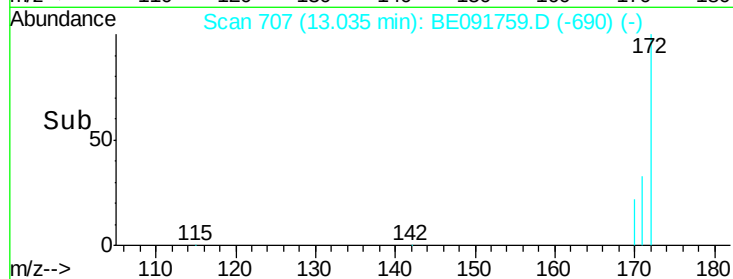
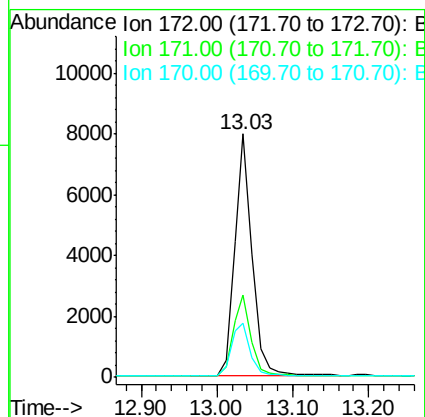
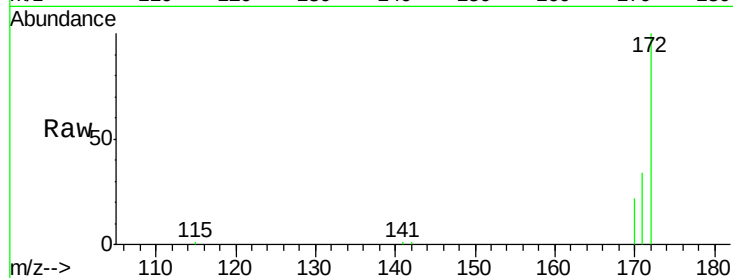




#15
2-Fluorobiphenyl
Concen: 0.37 ng
RT: 13.03 min Scan# 707
Delta R.T. 0.00 min
Lab File: BE091759.D
Acq: 10 May 2016 16:39

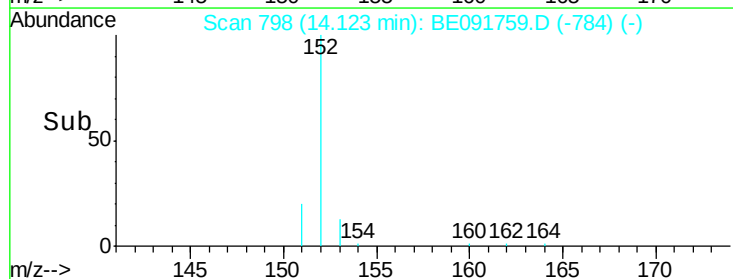
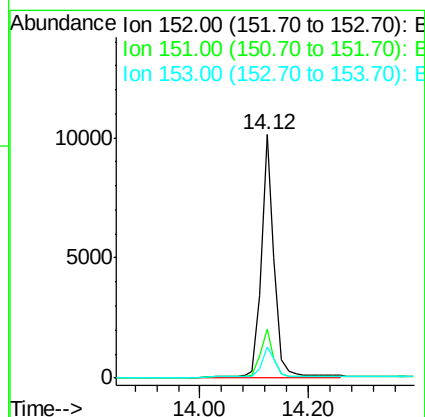
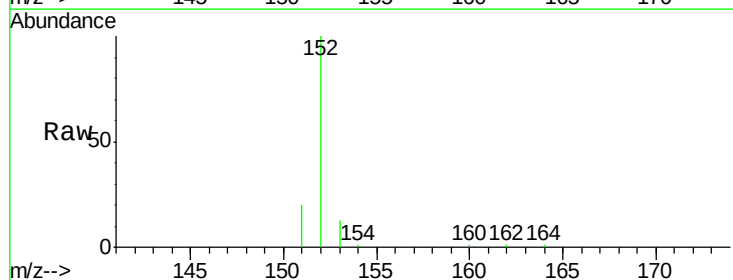
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

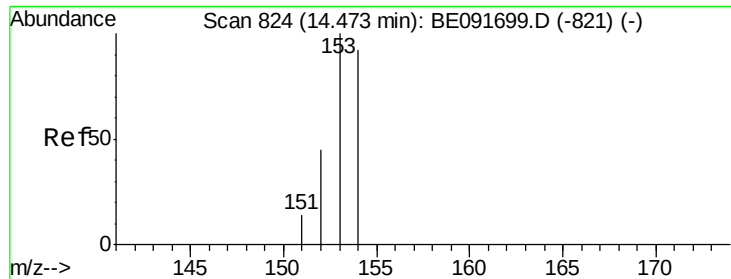
Tgt Ion:172 Resp: 12890
Ion Ratio Lower Upper
172 100
171 33.8 28.8 43.2
170 22.0 19.3 28.9



#16
Acenaphthylene
Concen: 0.39 ng
RT: 14.12 min Scan# 798
Delta R.T. 0.00 min
Lab File: BE091759.D
Acq: 10 May 2016 16:39

Tgt Ion:152 Resp: 18381
Ion Ratio Lower Upper
152 100
151 18.4 3.9 5.9#
153 16.8 10.3 15.5#





#17

Acenaphthene

Concen: 0.37 ng

RT: 14.47 min Scan# 824

Delta R.T. 0.00 min

Lab File: BE091759.D

Acq: 10 May 2016 16:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

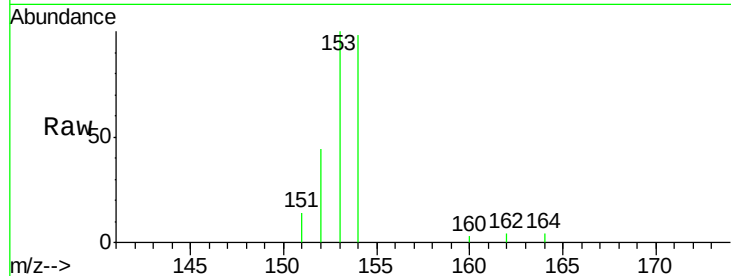
Tgt Ion:154 Resp: 11257

Ion Ratio Lower Upper

154 100

153 113.9 80.0 120.0

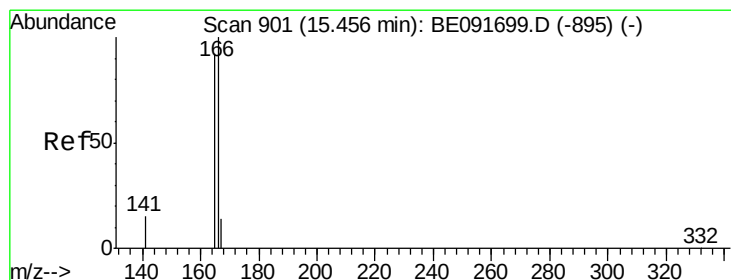
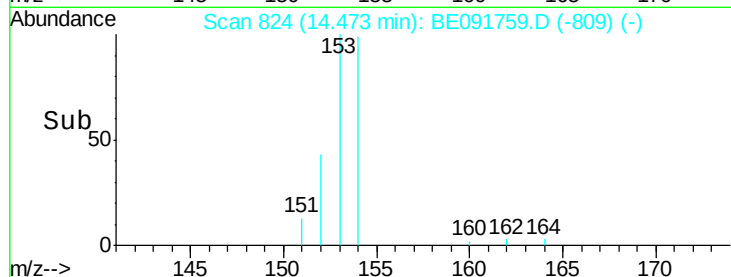
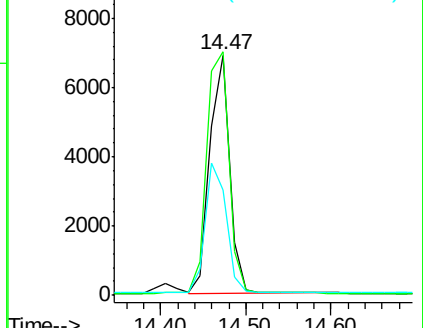
152 57.4 40.0 60.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.37 ng

RT: 15.45 min Scan# 900

Delta R.T. -0.01 min

Lab File: BE091759.D

Acq: 10 May 2016 16:39

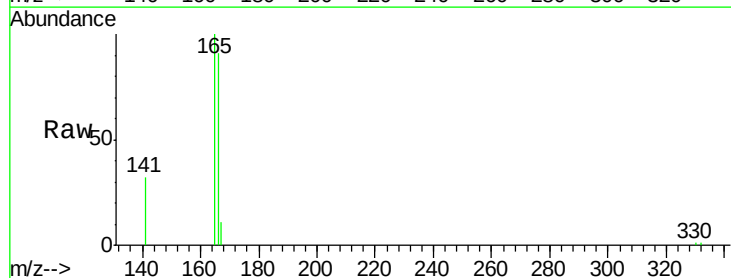
Tgt Ion:166 Resp: 14196

Ion Ratio Lower Upper

166 100

165 99.3 80.8 121.2

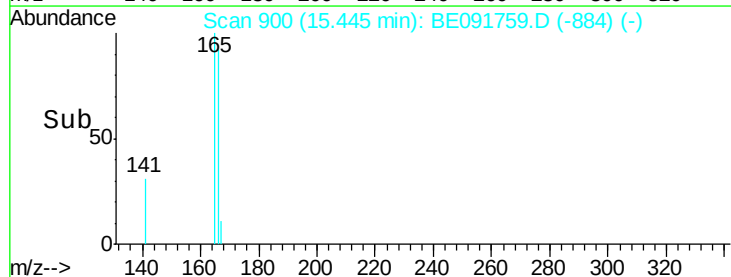
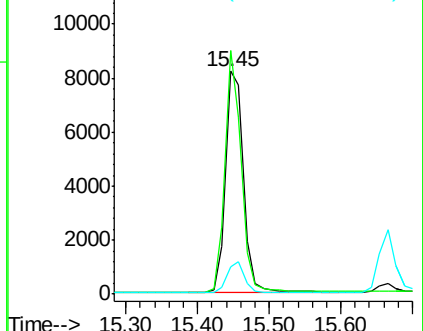
167 13.4 10.9 16.3

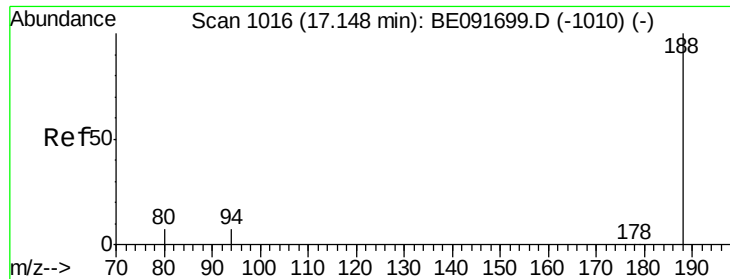


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.15 min Scan# 1015

Delta R.T. -0.00 min

Lab File: BE091759.D

Acq: 10 May 2016 16:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

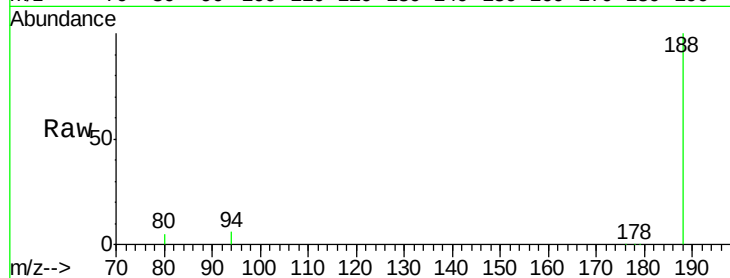
Tgt Ion:188 Resp: 301313

Ion Ratio Lower Upper

188 100

94 6.0 8.7 13.1#

80 5.2 9.4 14.0#

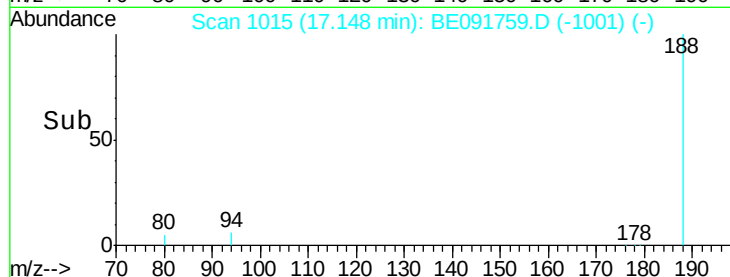


Abundance Ion 188.00 (187.70 to 188.70): E

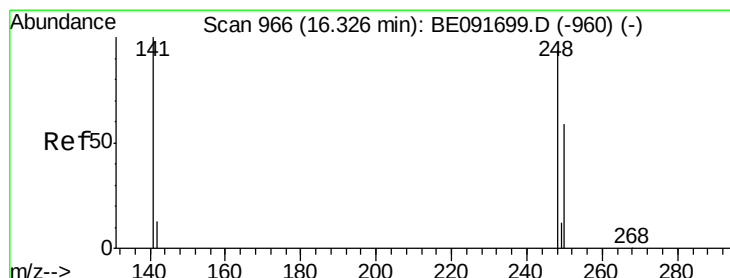
Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

Time-->



Time-->



#20

4-Bromophenyl-phenylether

Concen: 0.38 ng

RT: 16.32 min Scan# 965

Delta R.T. -0.00 min

Lab File: BE091759.D

Acq: 10 May 2016 16:39

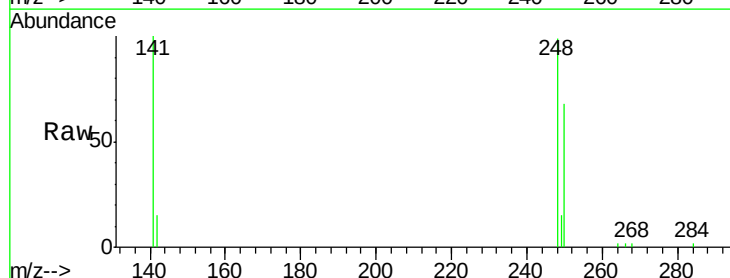
Tgt Ion:248 Resp: 4170

Ion Ratio Lower Upper

248 100

250 96.8 80.5 120.7

141 82.6 72.0 108.0

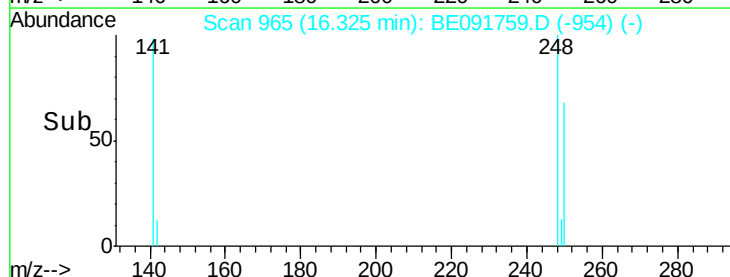


Abundance Ion 248.00 (247.70 to 248.70): E

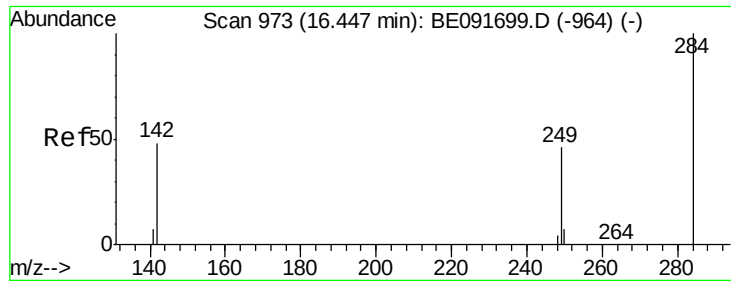
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

Time-->



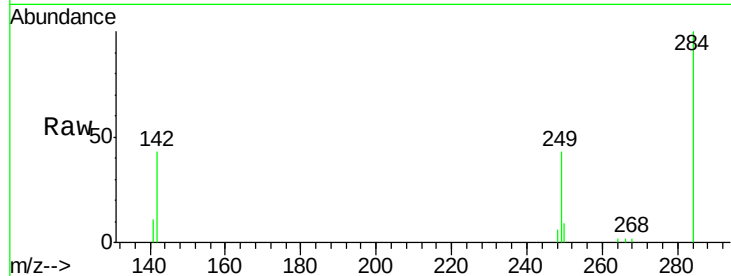
Time-->



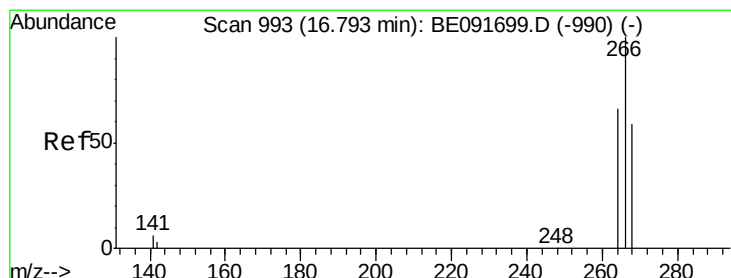
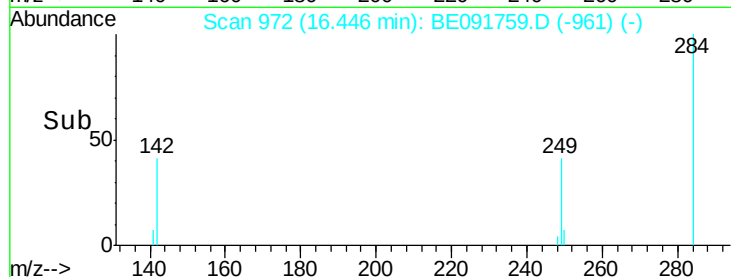
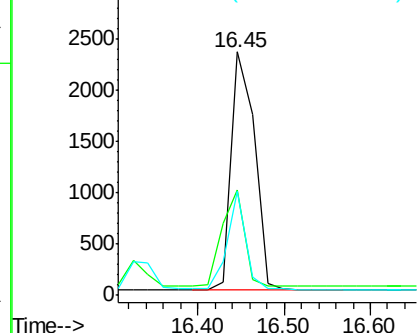
#21
Hexachlorobenzene
Concen: 0.41 ng
RT: 16.45 min Scan# 972
Delta R.T. -0.00 min
Lab File: BE091759.D
Acq: 10 May 2016 16:39

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 284 Resp: 4389
Ion Ratio Lower Upper
284 100
142 38.9 32.2 48.2
249 32.5 25.4 38.2

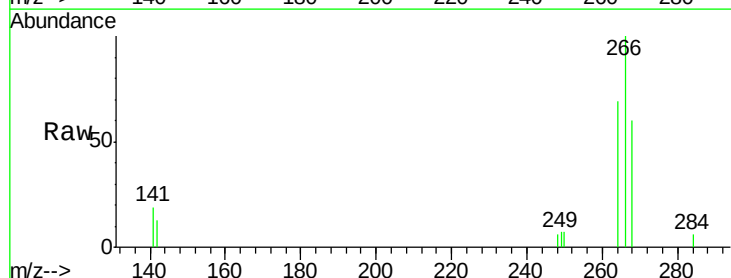


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

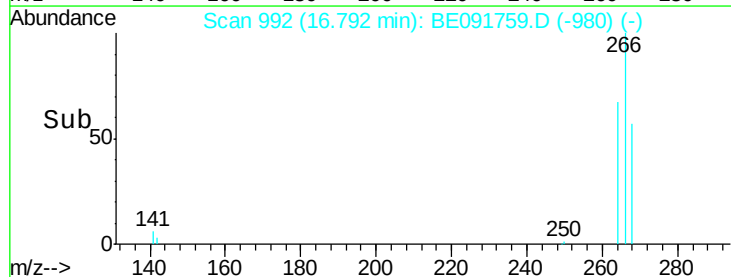
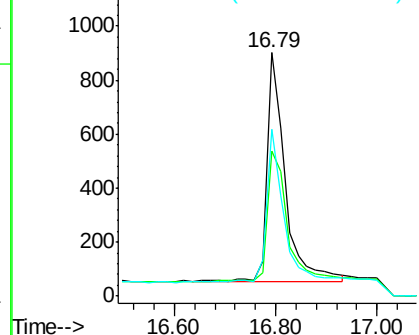


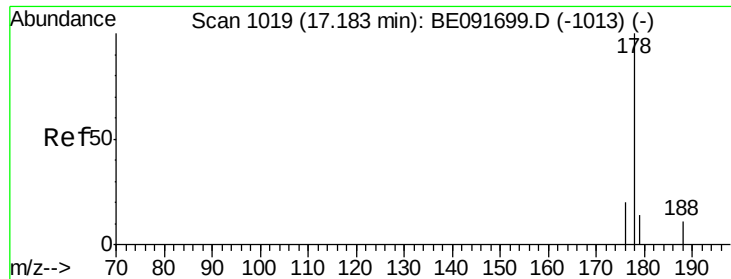
#22
Pentachlorophenol
Concen: 0.44 ng
RT: 16.79 min Scan# 992
Delta R.T. -0.00 min
Lab File: BE091759.D
Acq: 10 May 2016 16:39

Tgt Ion: 266 Resp: 2051
Ion Ratio Lower Upper
266 100
268 59.6 58.2 87.2
264 68.7 56.2 84.4



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

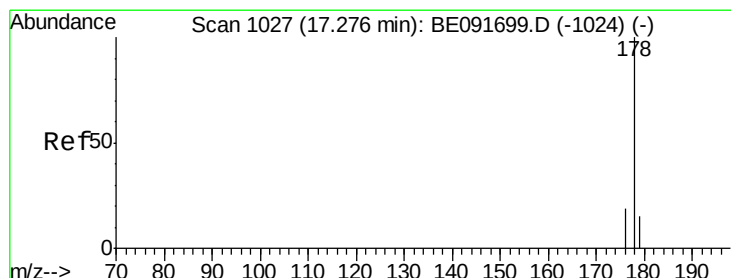
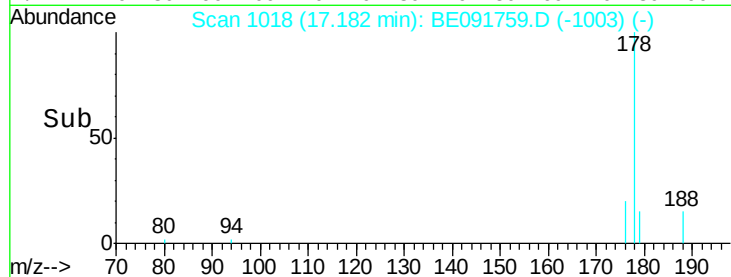
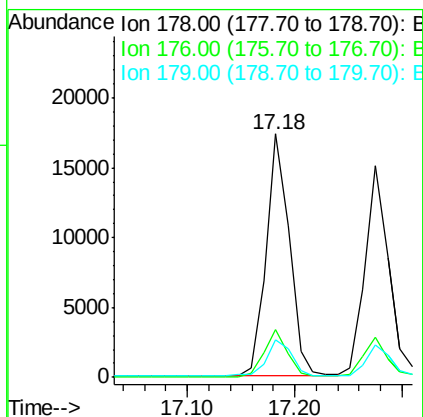
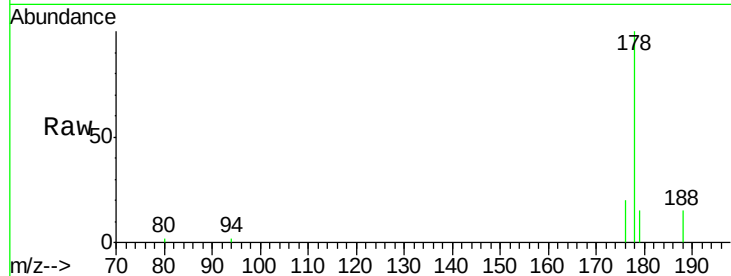




#23
Phenanthrene
Concen: 0.39 ng
RT: 17.18 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BE091759.D
Acq: 10 May 2016 16:39

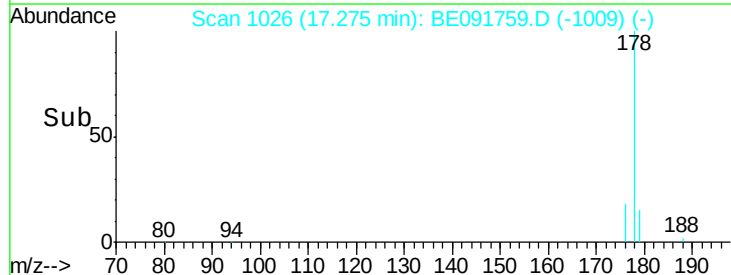
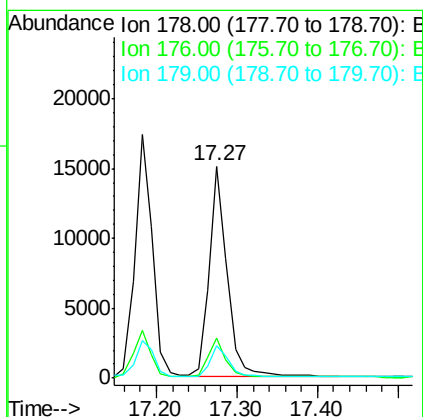
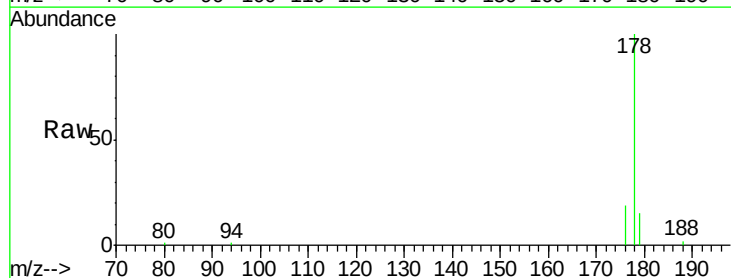
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

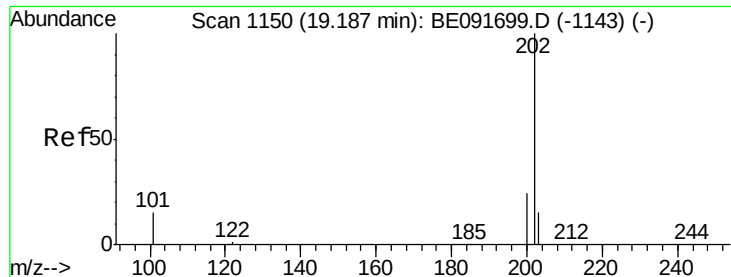
Tgt Ion:178 Resp: 26507
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 16.4 12.6 18.8



#24
Anthracene
Concen: 0.38 ng
RT: 17.27 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE091759.D
Acq: 10 May 2016 16:39

Tgt Ion:178 Resp: 23473
Ion Ratio Lower Upper
178 100
176 18.4 14.6 21.8
179 15.1 11.8 17.6





#25

Fluoranthene

Concen: 0.37 ng

RT: 19.19 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BE091759.D

Acq: 10 May 2016 16:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

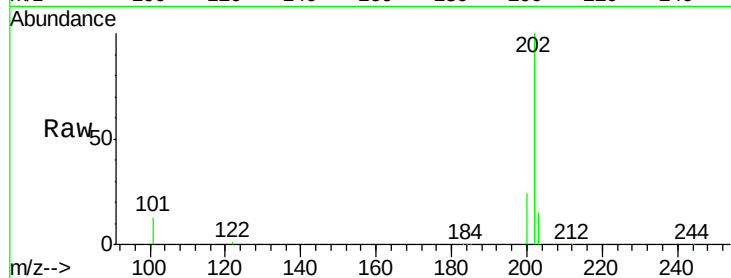
Tgt Ion:202 Resp: 26695

Ion Ratio Lower Upper

202 100

101 10.7 11.0 16.6#

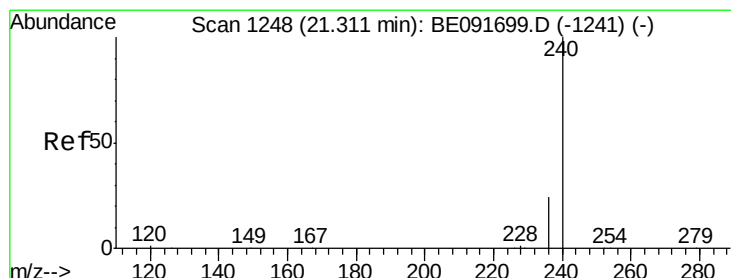
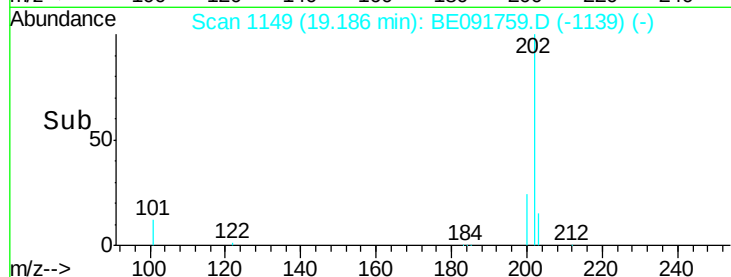
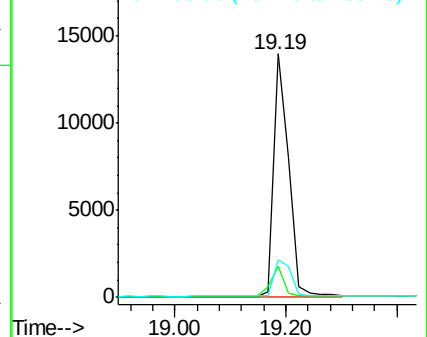
203 17.5 13.9 20.9



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



#26

Chrysene-d12

Concen: 5.00 ng

RT: 21.31 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BE091759.D

Acq: 10 May 2016 16:39

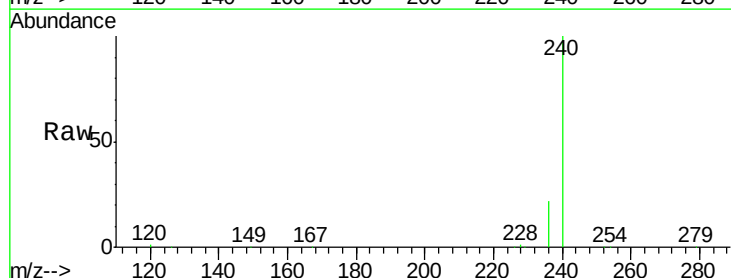
Tgt Ion:240 Resp: 307805

Ion Ratio Lower Upper

240 100

120 0.9 11.0 16.4#

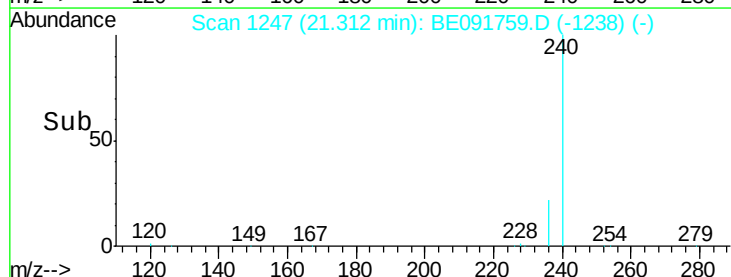
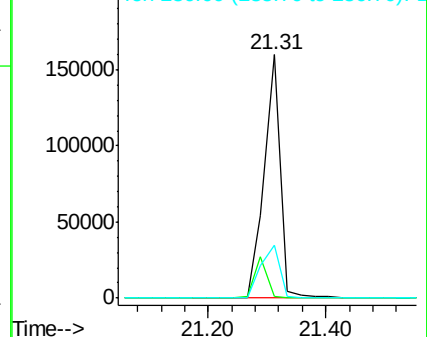
236 21.9 21.7 32.5

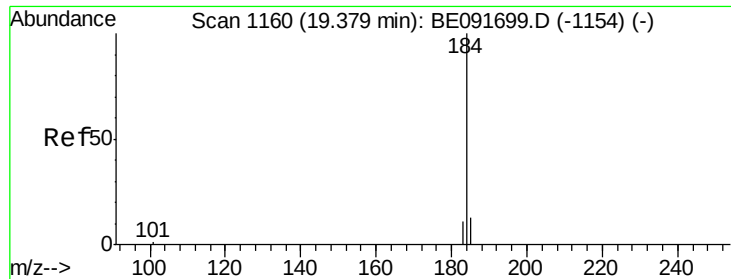


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

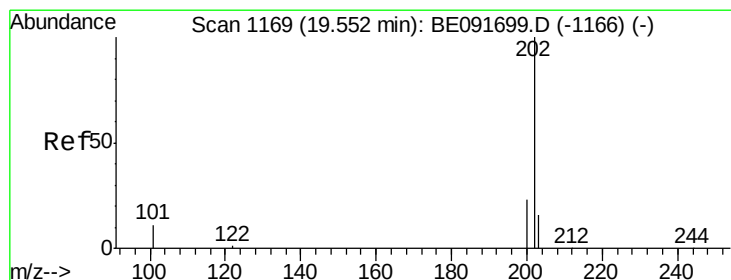
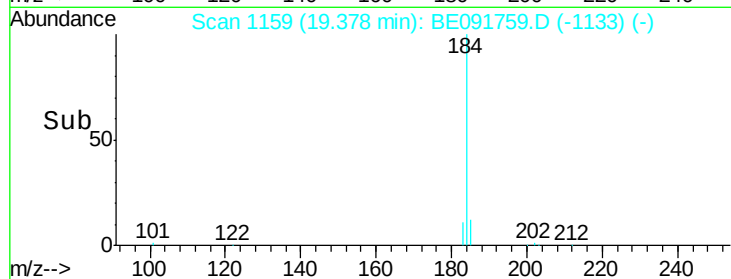
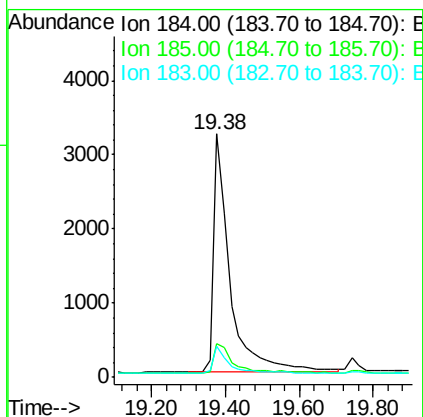
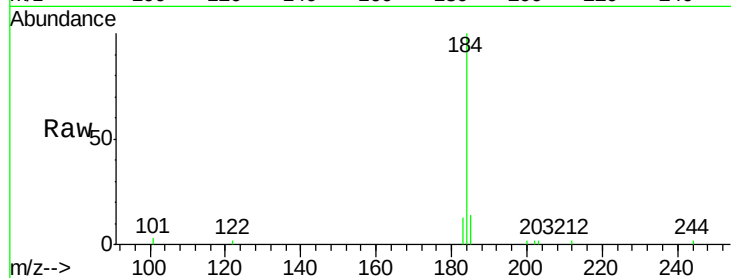




#27
Benzidine
Concen: 0.55 ng
RT: 19.38 min Scan# 1159
Delta R.T. -0.00 min
Lab File: BE091759.D
Acq: 10 May 2016 16:39

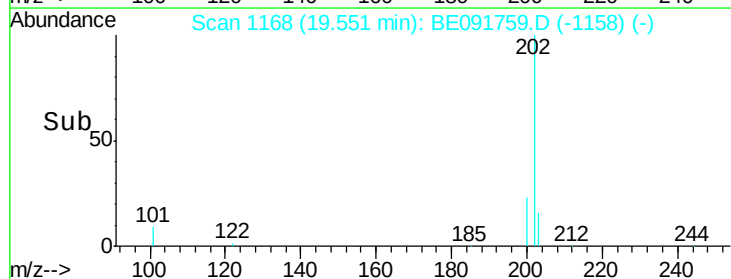
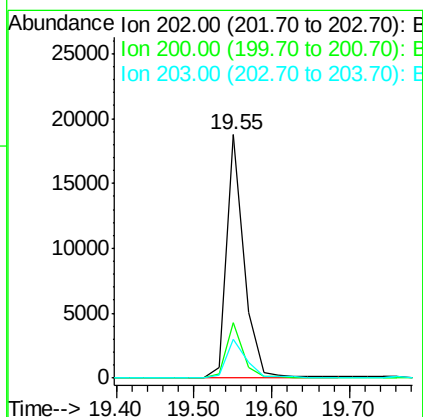
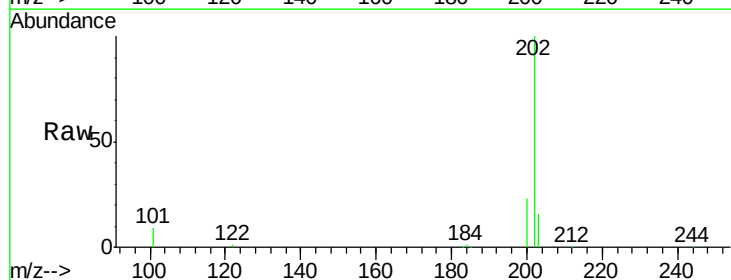
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

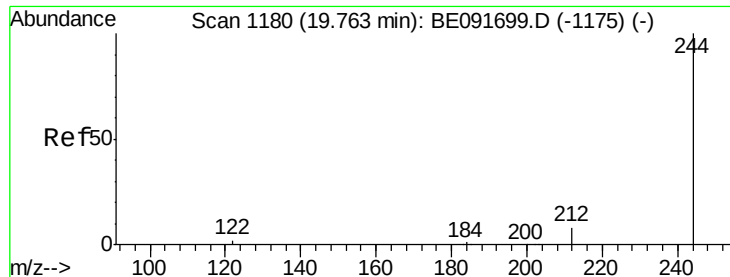
Tgt Ion:184 Resp: 9821
Ion Ratio Lower Upper
184 100
185 14.0 22.3 33.5#
183 12.8 16.4 24.6#



#28
Pyrene
Concen: 0.42 ng
RT: 19.55 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BE091759.D
Acq: 10 May 2016 16:39

Tgt Ion:202 Resp: 29069
Ion Ratio Lower Upper
202 100
200 21.7 16.8 25.2
203 17.2 14.0 21.0





#29

Terphenyl-d14

Concen: 0.42 ng

RT: 19.76 min Scan# 1179

Delta R.T. -0.00 min

Lab File: BE091759.D

Acq: 10 May 2016 16:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

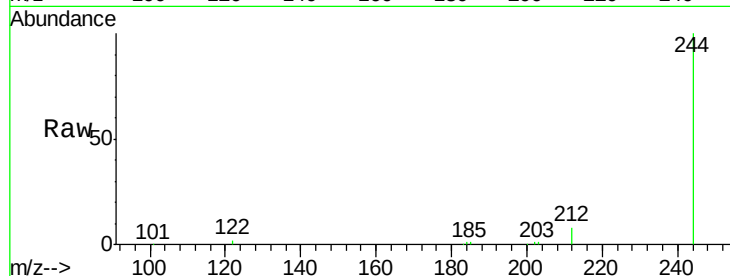
Tgt Ion:244 Resp: 20165

Ion Ratio Lower Upper

244 100

212 7.5 6.9 10.3

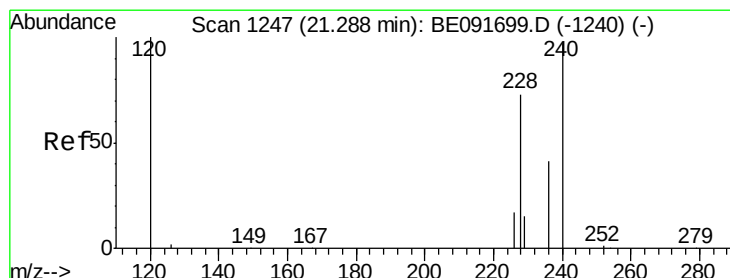
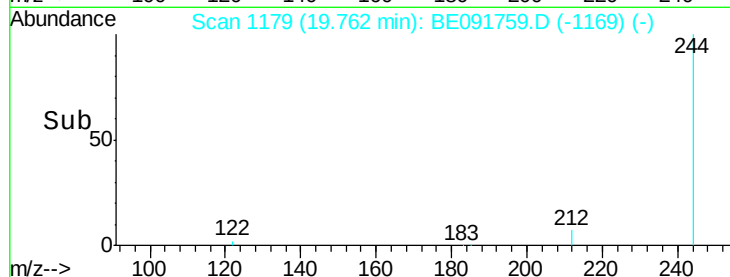
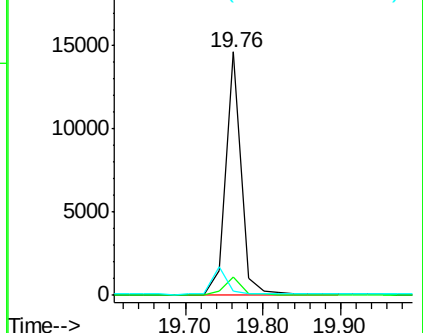
122 2.0 11.0 16.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.38 ng

RT: 21.29 min Scan# 1246

Delta R.T. 0.00 min

Lab File: BE091759.D

Acq: 10 May 2016 16:39

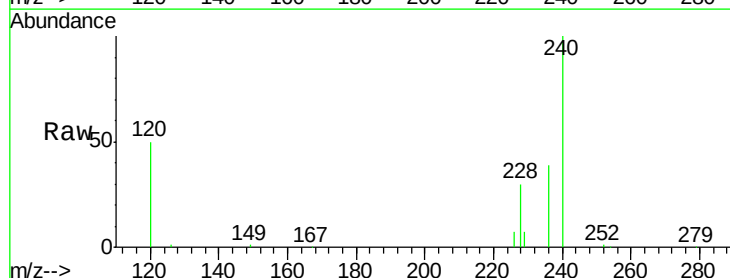
Tgt Ion:228 Resp: 28693

Ion Ratio Lower Upper

228 100

226 22.7 21.0 31.4

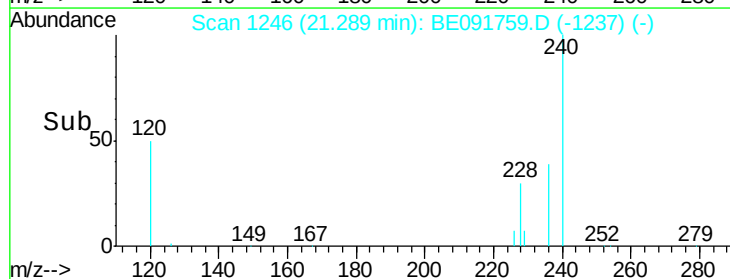
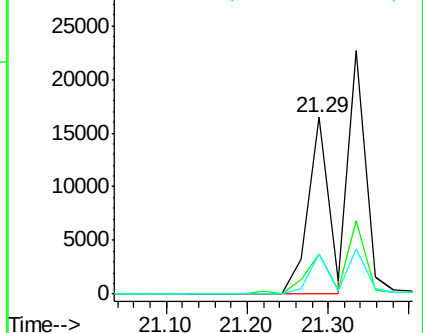
229 22.5 15.7 23.5

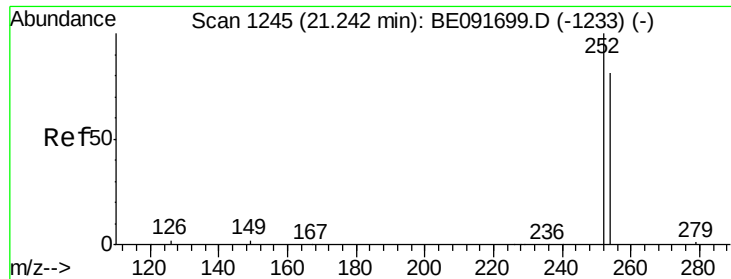


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

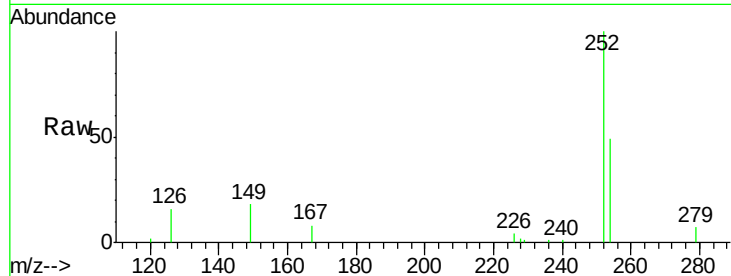




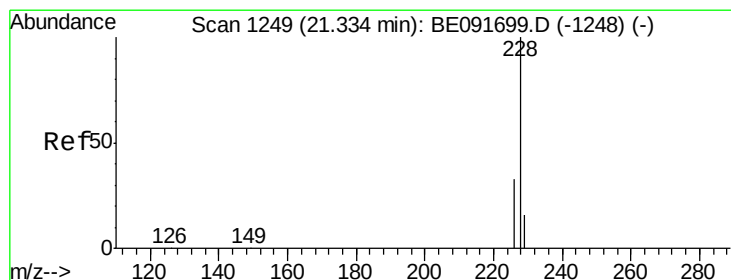
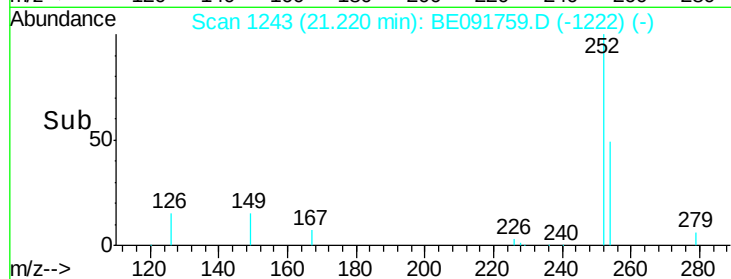
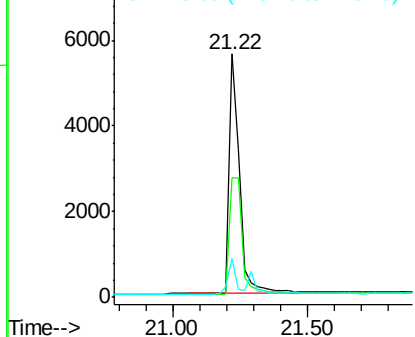
#31
 3,3'-Dichlorobenzidine
 Concen: 0.39 ng
 RT: 21.22 min Scan# 1243
 Delta R.T. -0.02 min
 Lab File: BE091759.D
 Acq: 10 May 2016 16:39

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tgt Ion: 252 Resp: 14870
 Ion Ratio Lower Upper
 252 100
 254 49.3 51.1 76.7#
 126 15.8 12.6 18.8

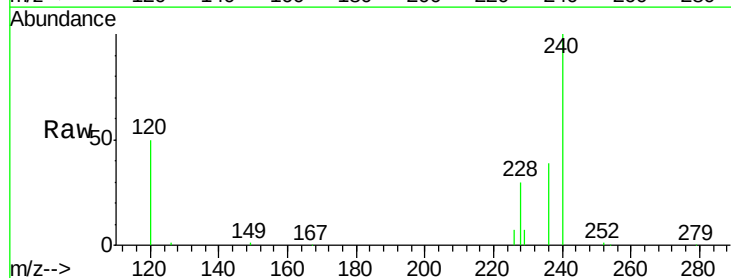


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

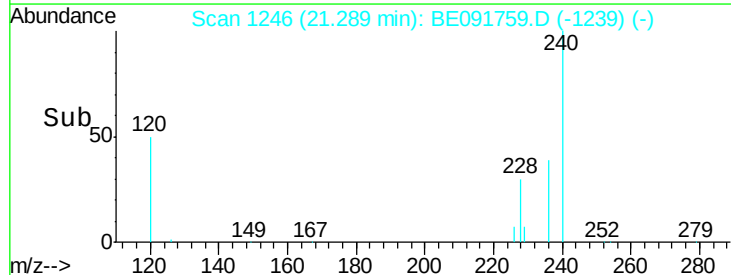
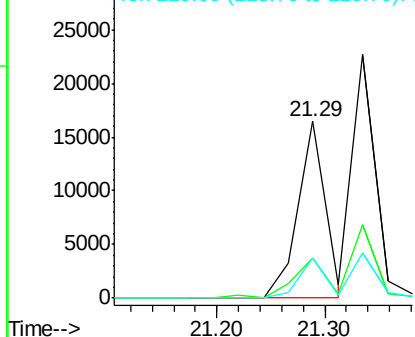


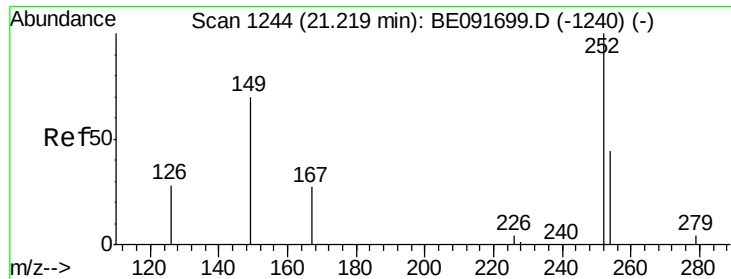
#32
 Chrysene
 Concen: 0.37 ng
 RT: 21.29 min Scan# 1246
 Delta R.T. -0.05 min
 Lab File: BE091759.D
 Acq: 10 May 2016 16:39

Tgt Ion: 228 Resp: 28690
 Ion Ratio Lower Upper
 228 100
 226 22.7 24.0 36.0#
 229 22.5 15.9 23.9



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





#33

Bis(2-ethylhexyl)phthalate

Concen: 0.47 ng

RT: 21.20 min Scan# 1242

Delta R.T. -0.02 min

Lab File: BE091759.D

Acq: 10 May 2016 16:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

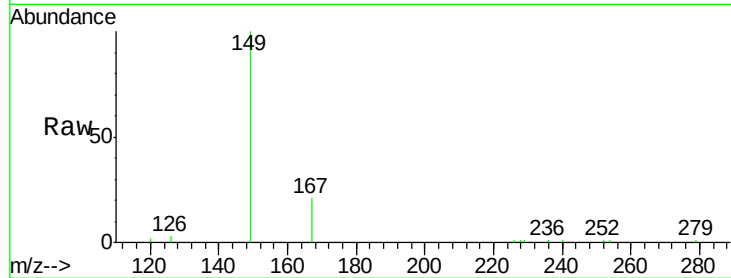
Tgt Ion:149 Resp: 10604

Ion Ratio Lower Upper

149 100

167 23.7 19.5 29.3

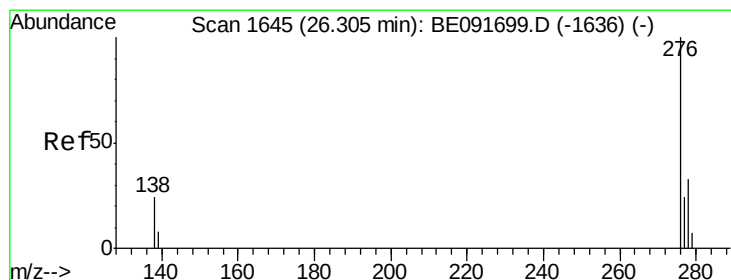
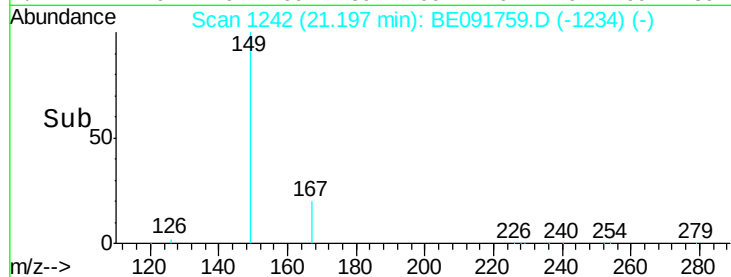
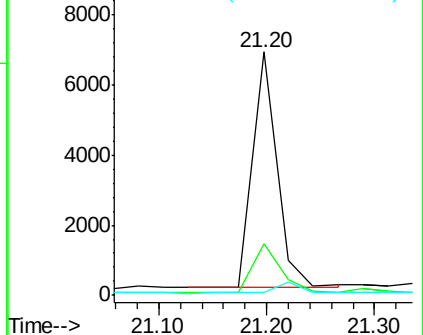
279 0.0 10.0 15.0#



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



#34

Indeno(1,2,3-cd)pyrene

Concen: 0.42 ng

RT: 26.31 min Scan# 1644

Delta R.T. 0.00 min

Lab File: BE091759.D

Acq: 10 May 2016 16:39

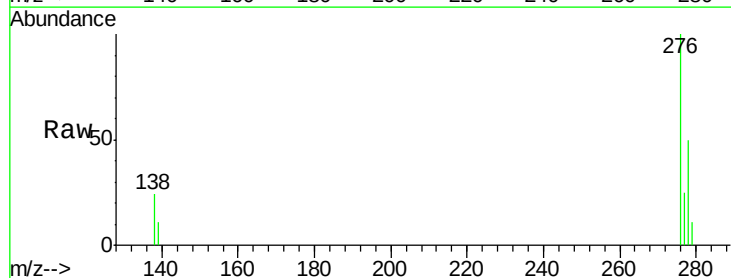
Tgt Ion:276 Resp: 28887

Ion Ratio Lower Upper

276 100

138 24.3 23.4 35.2

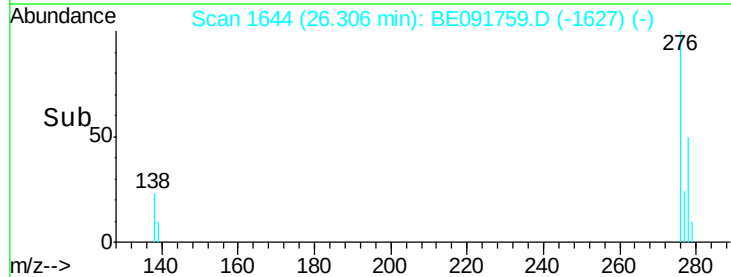
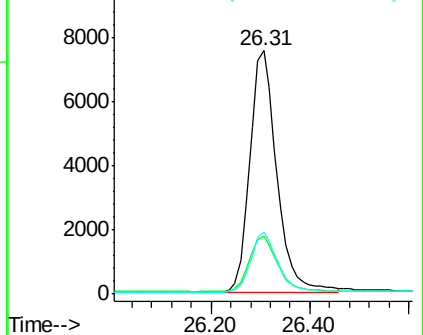
277 24.3 19.8 29.8

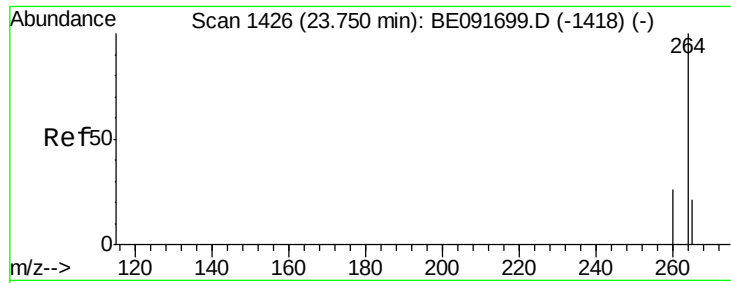


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

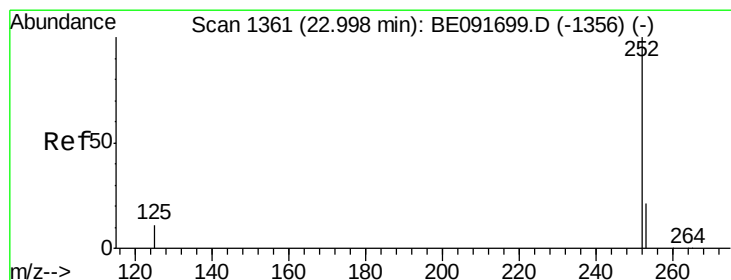
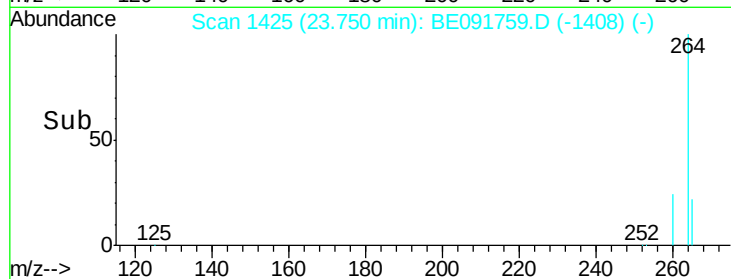
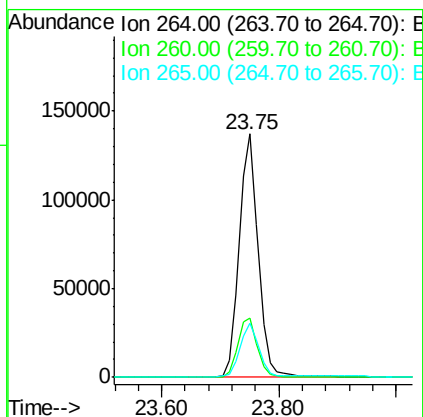
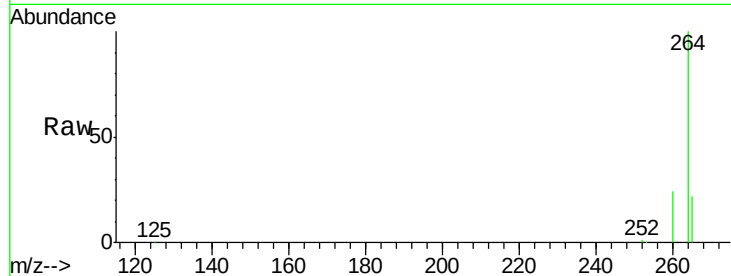




#35
Perylene-d12
 Concen: 5.00 ng
 RT: 23.75 min Scan# 1425
 Delta R.T. 0.00 min
 Lab File: BE091759.D
 Acq: 10 May 2016 16:39

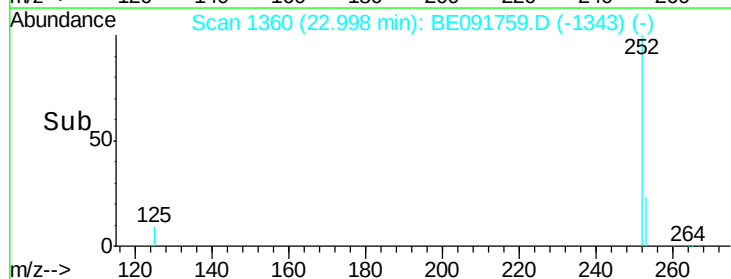
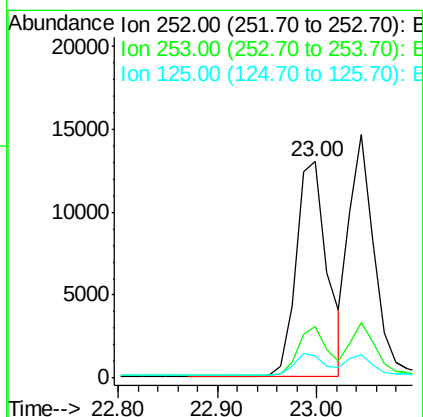
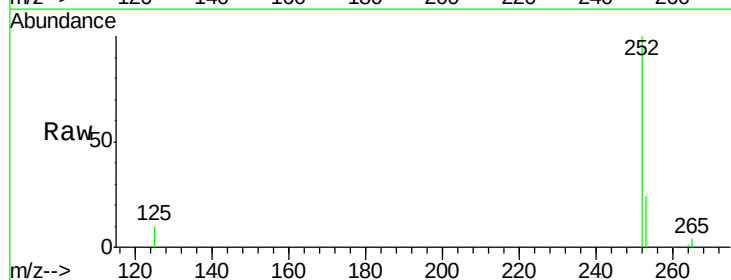
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

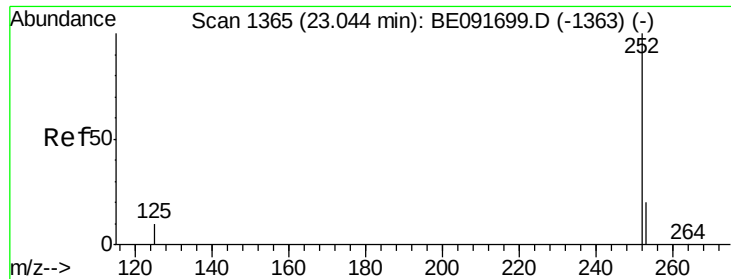
Tgt Ion: 264 Resp: 307573
 Ion Ratio Lower Upper
 264 100
 260 24.4 20.0 30.0
 265 22.2 17.5 26.3



#36
Benzo(b)fluoranthene
 Concen: 0.39 ng
 RT: 23.00 min Scan# 1360
 Delta R.T. 0.00 min
 Lab File: BE091759.D
 Acq: 10 May 2016 16:39

Tgt Ion: 252 Resp: 27984
 Ion Ratio Lower Upper
 252 100
 253 23.9 17.4 26.0
 125 10.5 10.2 15.2





#37

Benzo(k)fluoranthene

Concen: 0.38 ng

RT: 23.00 min Scan# 1360

Delta R.T. -0.05 min

Lab File: BE091759.D

Acq: 10 May 2016 16:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

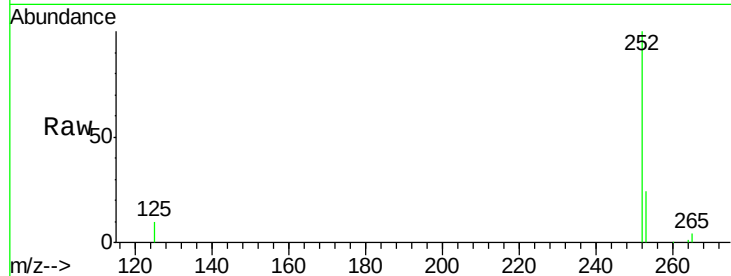
Tgt Ion:252 Resp: 27984

Ion Ratio Lower Upper

252 100

253 23.9 17.6 26.4

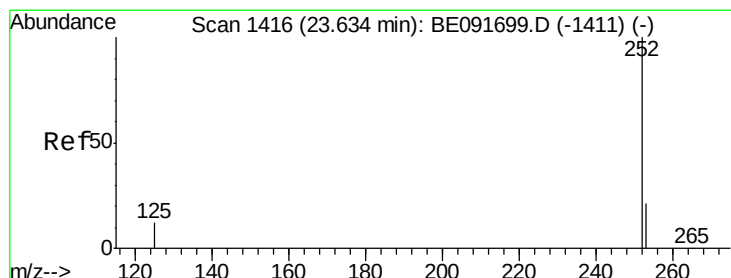
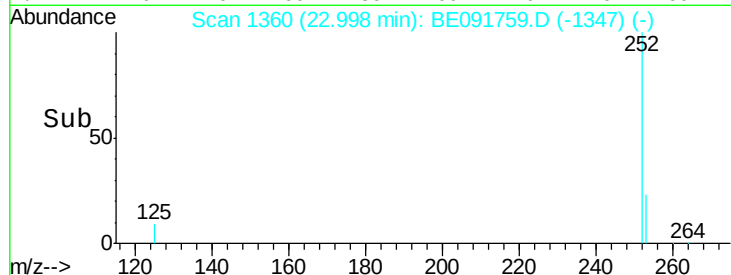
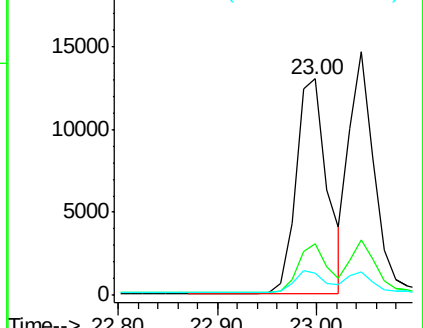
125 10.5 9.9 14.9



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



#38

Benzo(a)pyrene

Concen: 0.37 ng

RT: 23.63 min Scan# 1415

Delta R.T. 0.00 min

Lab File: BE091759.D

Acq: 10 May 2016 16:39

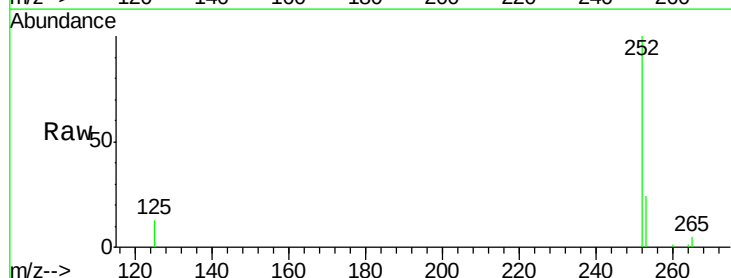
Tgt Ion:252 Resp: 24936

Ion Ratio Lower Upper

252 100

253 23.7 18.1 27.1

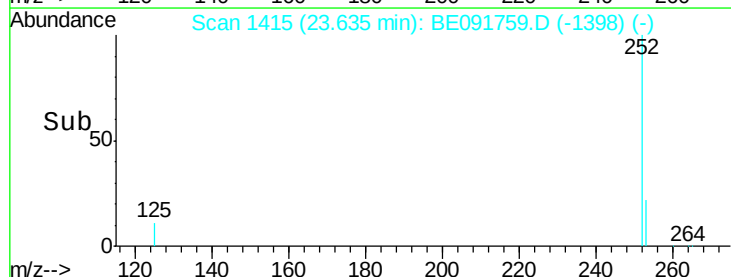
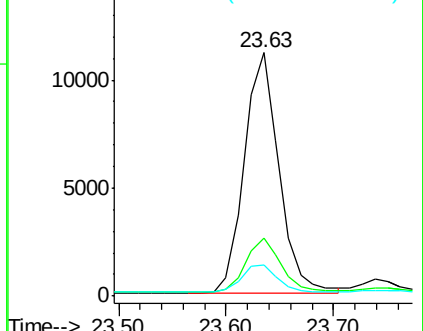
125 12.8 11.0 16.4

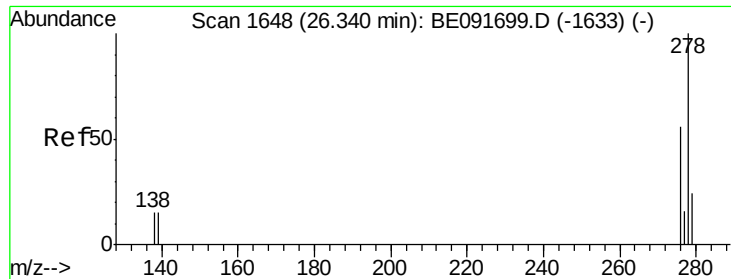


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Dibenzo(a,h)anthracene

Concen: 0.37 ng

RT: 26.33 min Scan# 1646

Delta R.T. -0.01 min

Lab File: BE091759.D

Acq: 10 May 2016 16:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

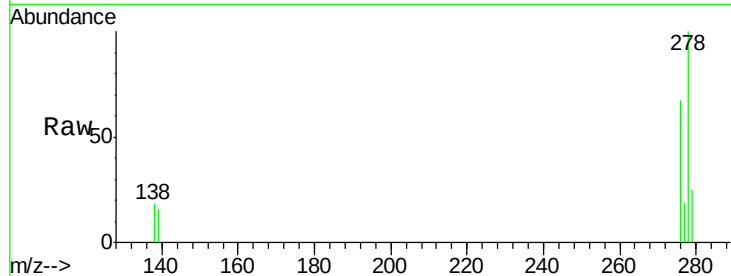
Tgt Ion: 278 Resp: 23527

Ion Ratio Lower Upper

278 100

139 15.8 16.0 24.0#

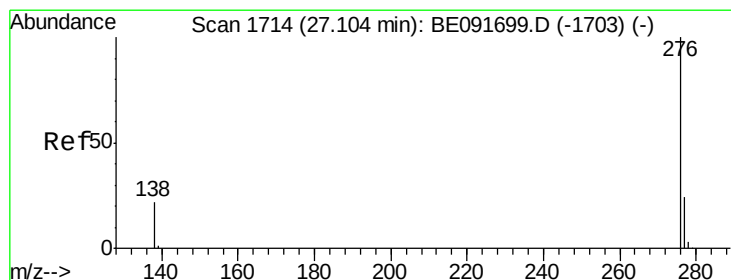
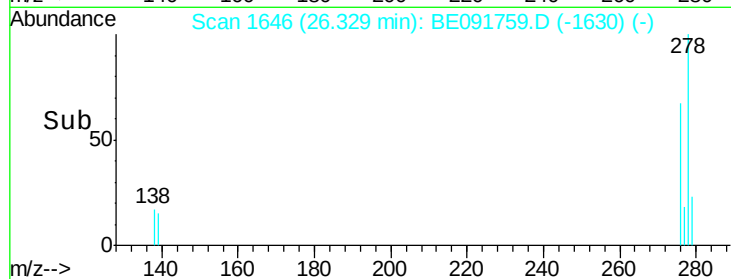
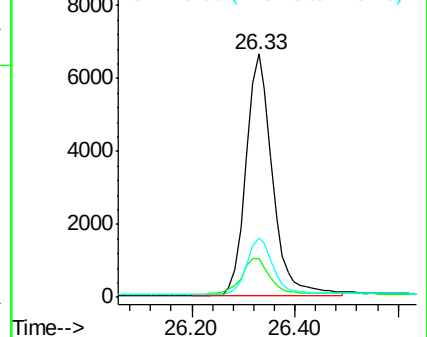
279 24.6 19.4 29.2



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



#40

Benzo(g,h,i)perylene

Concen: 0.37 ng

RT: 27.09 min Scan# 1712

Delta R.T. -0.01 min

Lab File: BE091759.D

Acq: 10 May 2016 16:39

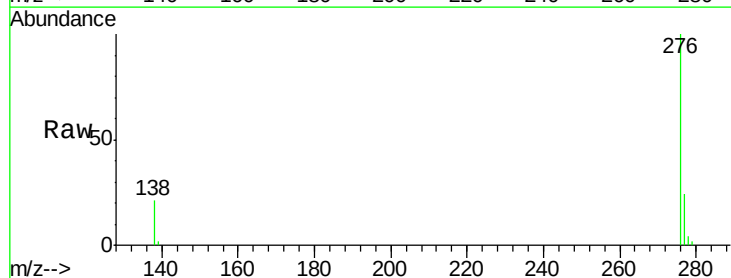
Tgt Ion: 276 Resp: 24396

Ion Ratio Lower Upper

276 100

277 23.9 18.6 28.0

138 20.8 20.4 30.6



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

