

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE051916\
 Data File : BE091828.D
 Acq On : 20 May 2016 2:19
 Operator : UM/SJ
 Sample : H3065-11
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SS043MW009-160511

Quant Time: May 20 04:52:26 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE051916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 19 15:36:49 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	35760	5.00	ng	0.00
7) Naphthalene-d8	10.57	136	186988	5.00	ng	0.00
13) Acenaphthene-d10	14.40	164	119162	5.00	ng	-0.01
19) Phenanthrene-d10	17.14	188	260511	5.00	ng	-0.01
26) Chrysene-d12	21.29	240	268599	5.00	ng	-0.02
35) Perylene-d12	23.74	264	273795	5.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.39	112	25467	2.73	ng	0.00
5) Phenol-d6	7.01	99	25561	1.94	ng	0.05
8) Nitrobenzene-d5	8.95	82	53438	4.31	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	36981	7.99	ng	-0.01
15) 2-Fluorobiphenyl	13.02	172	119227	3.54	ng	0.00
29) Terphenyl-d14	19.74	244	176184	4.63	ng	-0.02

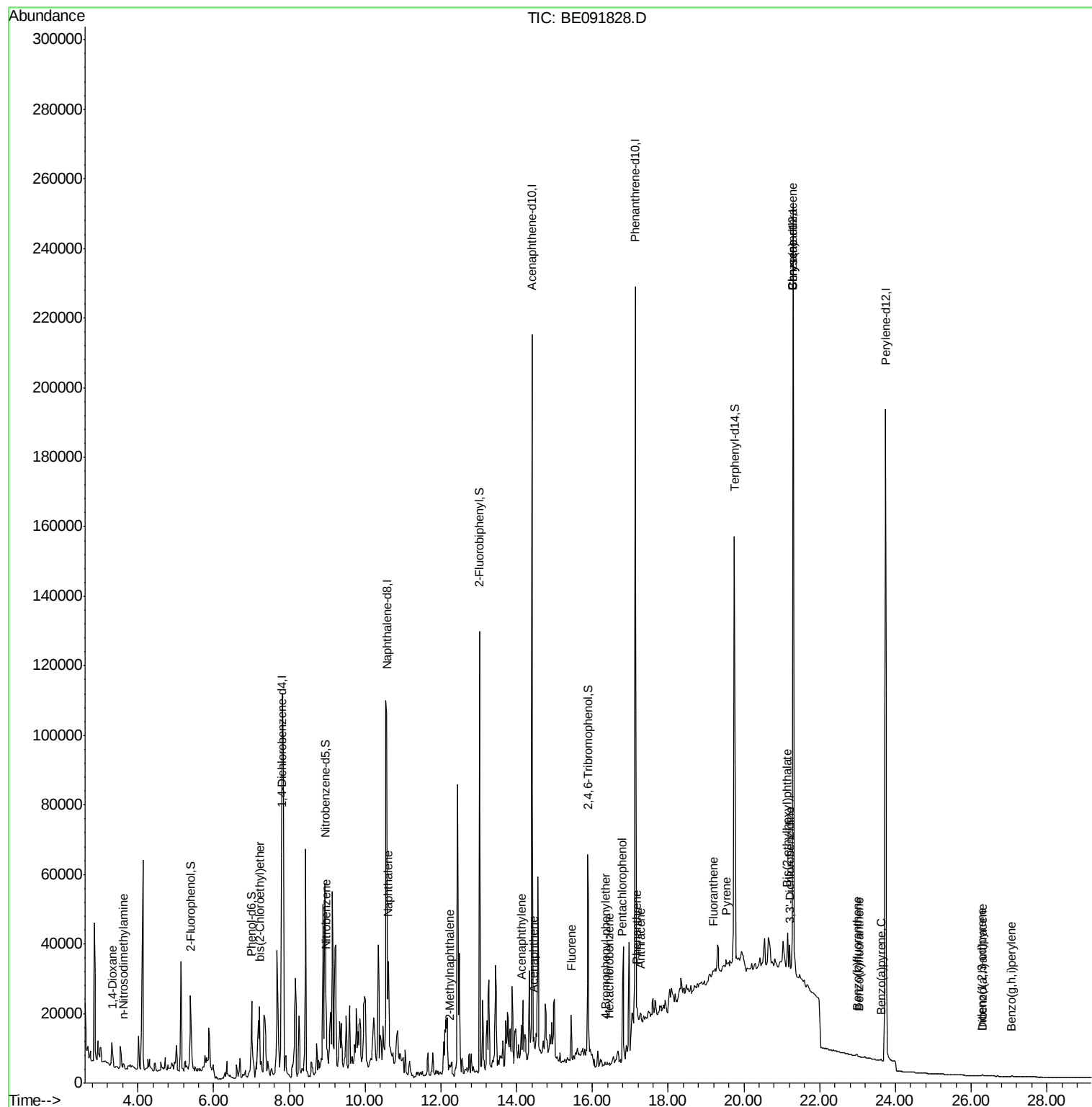
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.33	88	3194	0.79	ng	# 24
3) n-Nitrosodimethylamine	3.63	42	345	0.06	ng	# 11
6) bis(2-Chloroethyl)ether	7.21	93	17116	1.62	ng	# 44
9) Nitrobenzene	8.97	77	15802	1.24	ng	# 11
10) Naphthalene	10.61	128	33473	0.81	ng	# 49
12) 2-Methylnaphthalene	12.23	142	2227	0.08	ng	# 1
16) Acenaphthylene	14.12	152	12347	0.23	ng	# 46
17) Acenaphthene	14.46	154	3217	0.10	ng	# 68
18) Fluorene	15.44	166	8760	0.21	ng	# 90
20) 4-Bromophenyl-phenylether	16.34	248	51	0.01	ng	# 1
21) Hexachlorobenzene	16.45	284	35	0.00	ng	# 38
22) Pentachlorophenol	16.79	266	181	0.04	ng	# 85
23) Phenanthrene	17.18	178	8000	0.06	ng	# 60
24) Anthracene	17.26	178	3401	0.06	ng	# 17
25) Fluoranthene	19.19	202	874	0.01	ng	# 63
27) Benzdine	19.32	184	598	Below Cal		# 1
28) Pyrene	19.53	202	6275	0.11	ng	# 73
30) Benzo(a)anthracene	21.29	228	2802	0.04	ng	# 1
31) 3,3'-Dichlorobenzidine	21.22	252	3263	0.08	ng	# 30
32) Chrysene	21.29	228	3807	0.11	ng	# 1
33) Bis(2-ethylhexyl)phthalate	21.15	149	17900	0.71	ng	# 57
34) Indeno(1,2,3-cd)pyrene	26.28	276	432	0.01	ng	# 48
36) Benzo(b)fluoranthene	22.99	252	452	0.01	ng	# 1
37) Benzo(k)fluoranthene	23.03	252	541	0.01	ng	# 1
38) Benzo(a)pyrene	23.62	252	443	0.01	ng	# 1
39) Dibenzo(a,h)anthracene	26.30	278	283	0.00	ng	# 1
40) Benzo(g,h,i)perylene	27.07	276	373	0.01	ng	# 1

(#) = 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: BE091828.D

Acq: 20 May 2016 2:19

Instrument :

BNA_E

ClientSampleId :

SS043MW009-160511

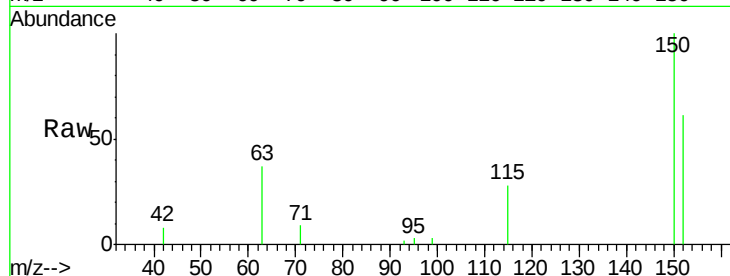
Tgt Ion:152 Resp: 35760

Ion Ratio Lower Upper

152 100

150 163.2 122.6 183.8

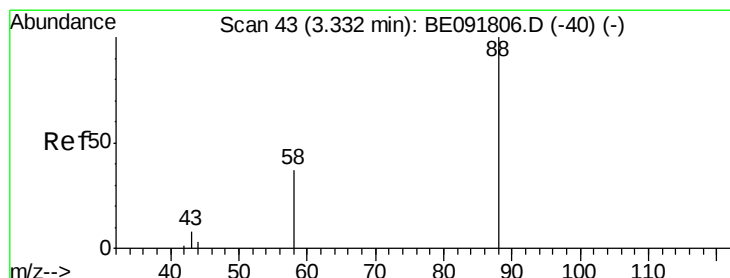
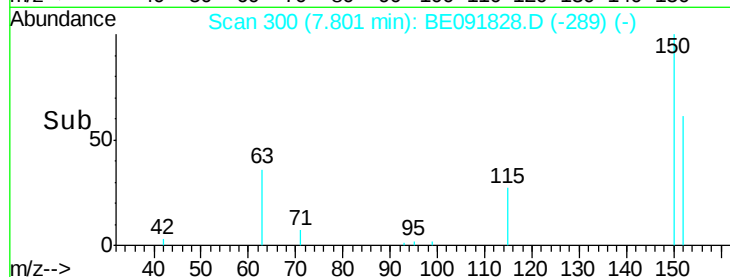
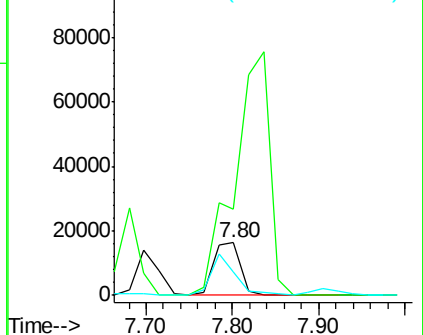
115 45.6 52.8 79.2#



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: 0.79 ng

RT: 3.33 min Scan# 43

Delta R.T. 0.00 min

Lab File: BE091828.D

Acq: 20 May 2016 2:19

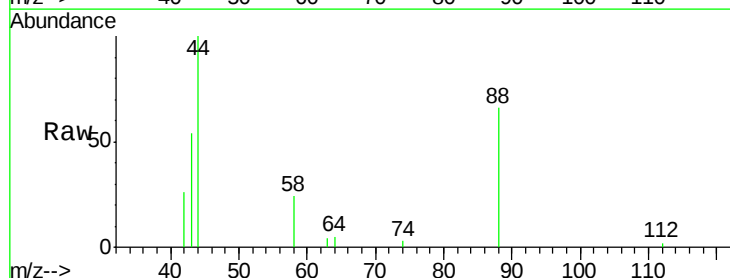
Tgt Ion: 88 Resp: 3194

Ion Ratio Lower Upper

88 100

58 104.1 65.8 98.6#

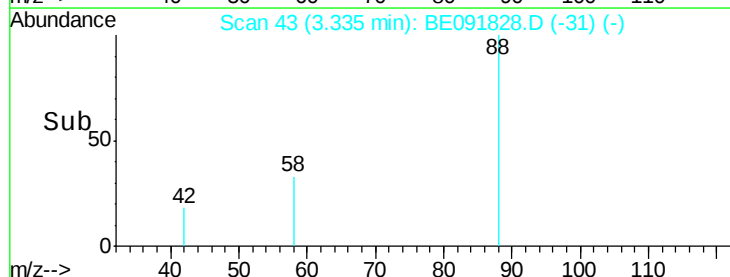
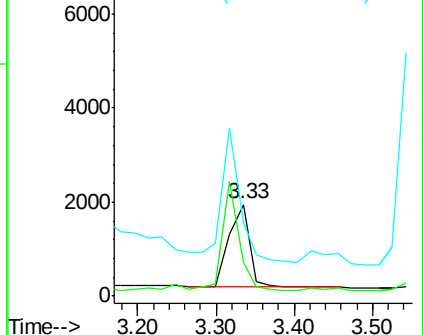
43 148.9 25.3 37.9#

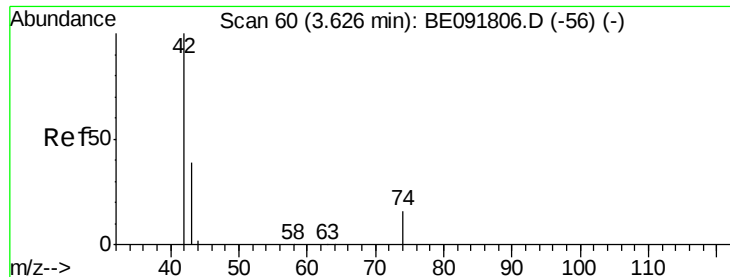


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.06 ng

RT: 3.63 min Scan# 60

Delta R.T. 0.00 min

Lab File: BE091828.D

Acq: 20 May 2016 2:19

Instrument :

BNA_E

ClientSampleId :

SS043MW009-160511

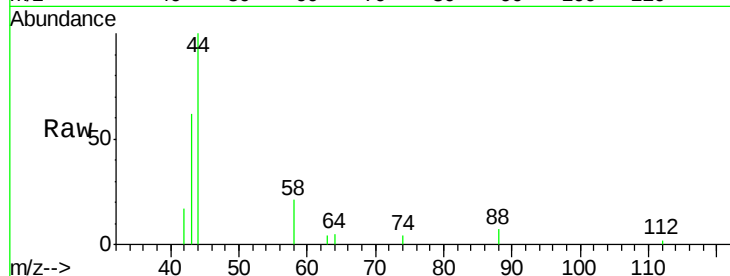
Tgt Ion: 42 Resp: 345

Ion Ratio Lower Upper

42 100

74 10.4 87.9 131.9#

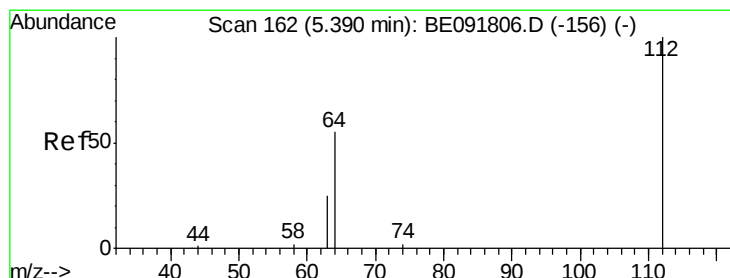
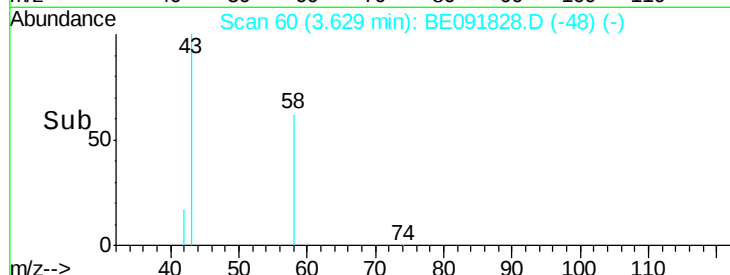
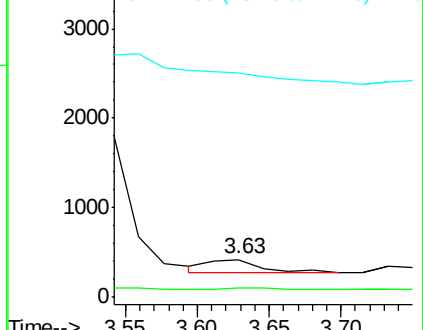
44 0.0 6.6 9.8#



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: 2.73 ng

RT: 5.39 min Scan# 162

Delta R.T. 0.00 min

Lab File: BE091828.D

Acq: 20 May 2016 2:19

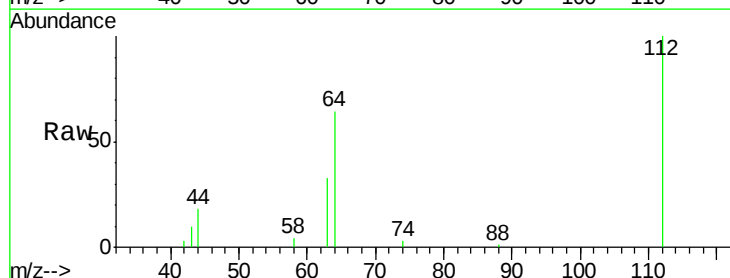
Tgt Ion: 112 Resp: 25467

Ion Ratio Lower Upper

112 100

64 64.2 30.9 46.3#

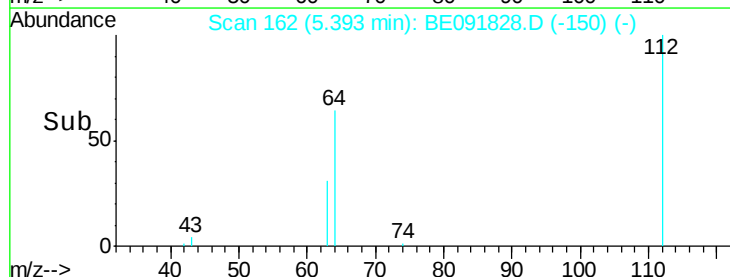
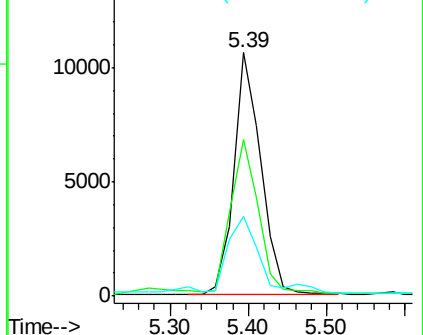
63 34.8 16.7 25.1#

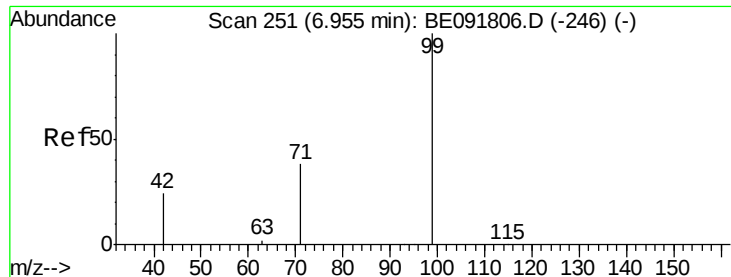


Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 1.94 ng

RT: 7.01 min Scan# 254

Delta R.T. 0.05 min

Lab File: BE091828.D

Acq: 20 May 2016 2:19

Instrument :

BNA_E

ClientSampleId :

SS043MW009-160511

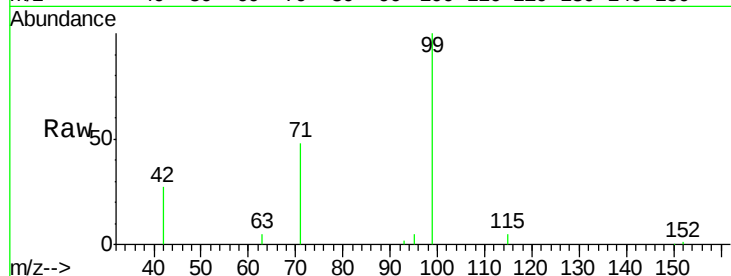
Tgt Ion: 99 Resp: 25561

Ion Ratio Lower Upper

99 100

42 29.5 16.2 24.2#

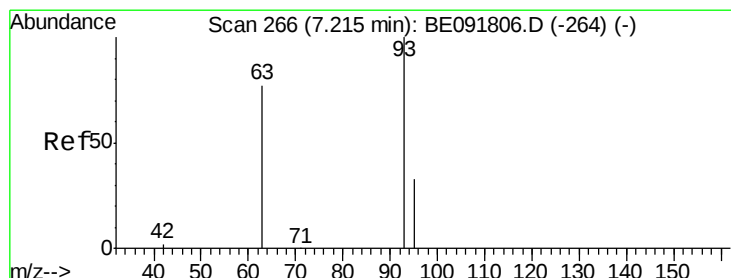
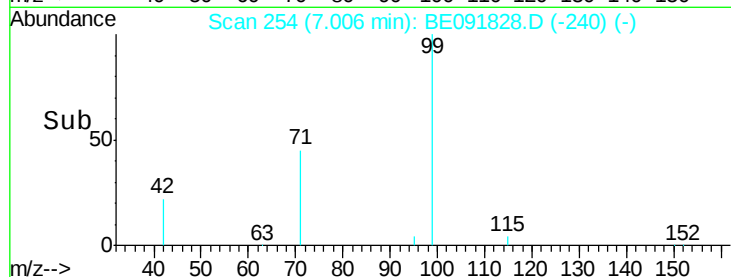
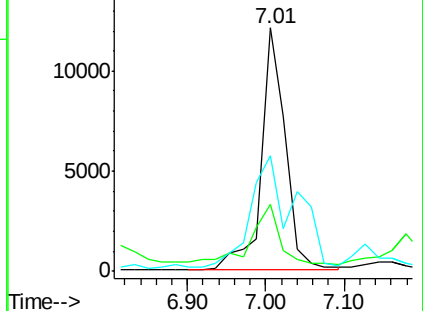
71 85.4 29.0 43.4#



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: 1.62 ng

RT: 7.21 min Scan# 266

Delta R.T. -0.00 min

Lab File: BE091828.D

Acq: 20 May 2016 2:19

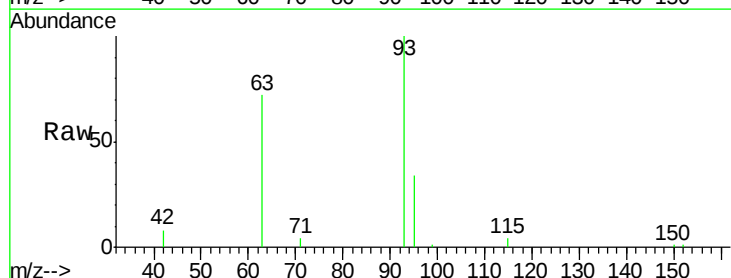
Tgt Ion: 93 Resp: 17116

Ion Ratio Lower Upper

93 100

63 0.0 49.5 74.3#

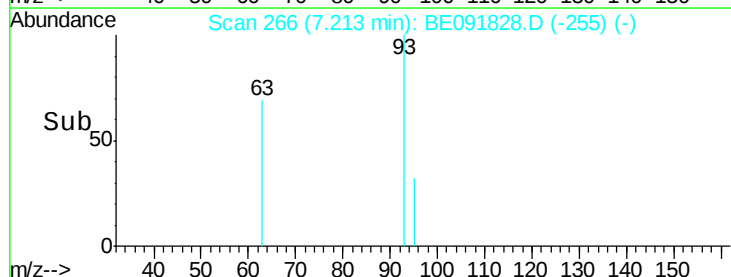
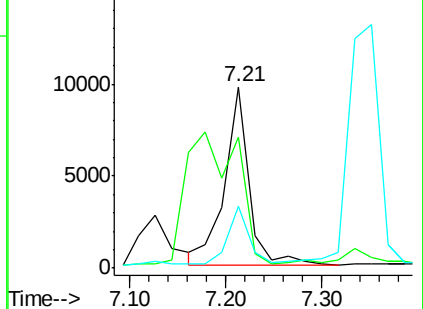
95 28.4 22.2 33.4

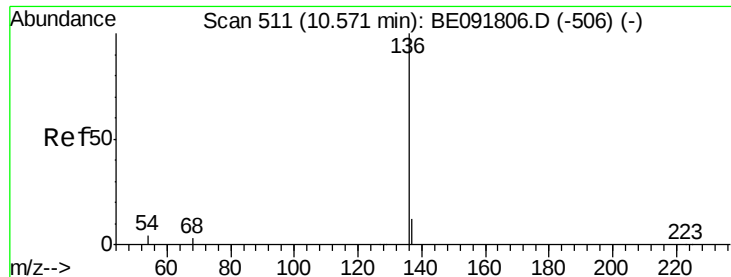


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE091828.D

Acq: 20 May 2016 2:19

Instrument :

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ClientSampleId :

SS043MW009-160511

Tgt Ion:136 Resp: 186988

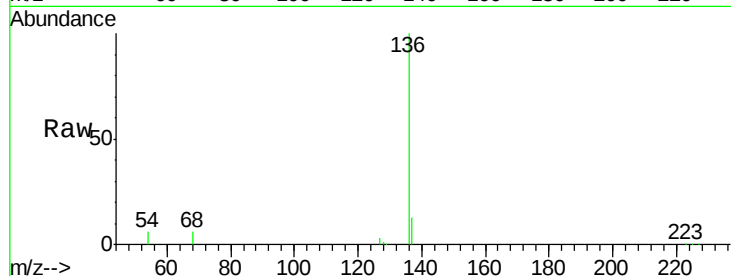
Ion Ratio Lower Upper

136 100

137 12.5 8.9 13.3

54 6.1 8.2 12.4#

68 6.1 6.2 9.4#

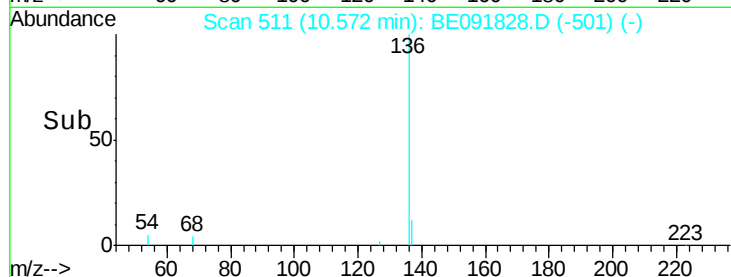


Abundance Ion 136.00 (135.70 to 136.70): E

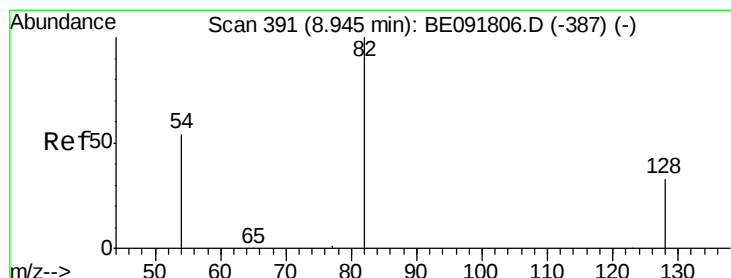
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->



#8

Nitrobenzene-d5

Concen: 4.31 ng

RT: 8.95 min Scan# 391

Delta R.T. -0.00 min

Lab File: BE091828.D

Acq: 20 May 2016 2:19

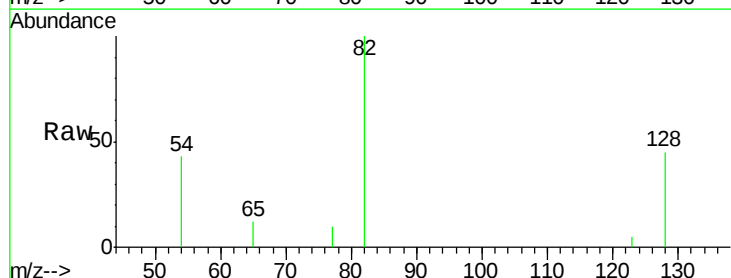
Tgt Ion: 82 Resp: 53438

Ion Ratio Lower Upper

82 100

128 45.4 25.4 38.0#

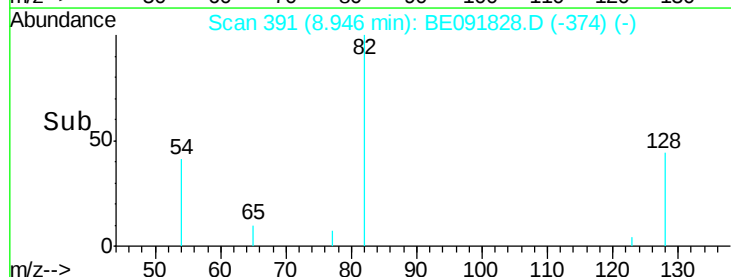
54 43.0 48.4 72.6#



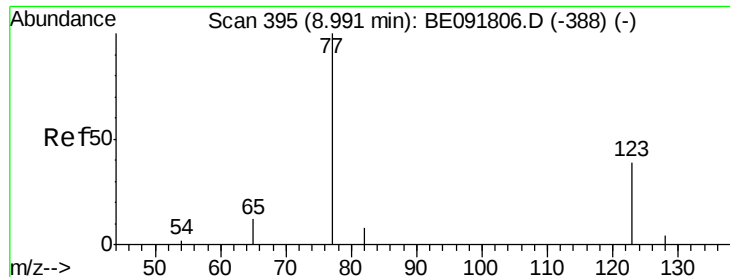
Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0



Time-->



#9

Nitrobenzene

Concen: 1.24 ng

RT: 8.97 min Scan# 393

Delta R.T. -0.02 min

Lab File: BE091828.D

Acq: 20 May 2016 2:19

Instrument :

BNA_E

ClientSampleId :

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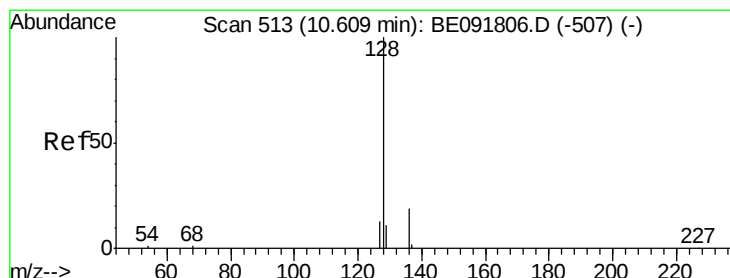
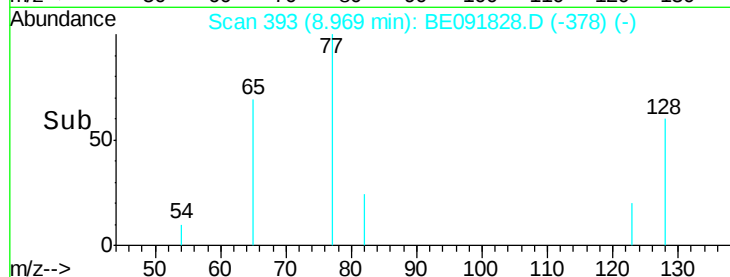
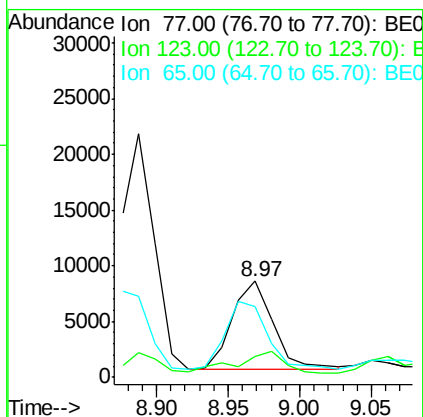
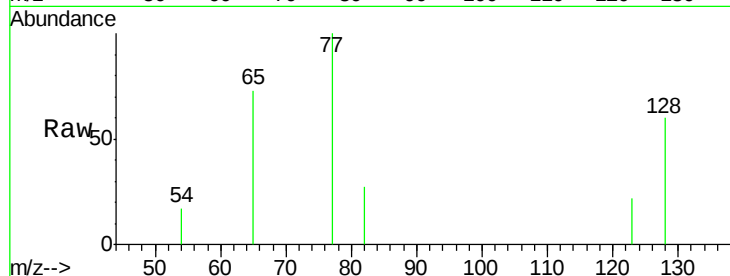
Tgt Ion: 77 Resp: 15802

Ion Ratio Lower Upper

77 100

123 0.0 26.9 40.3#

65 79.7 9.4 14.2#



#10

Naphthalene

Concen: 0.81 ng

RT: 10.61 min Scan# 513

Delta R.T. 0.00 min

Lab File: BE091828.D

Acq: 20 May 2016 2:19

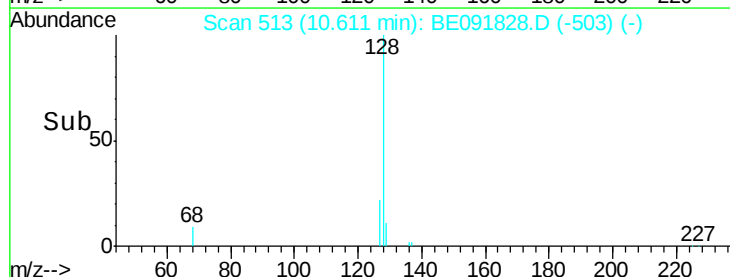
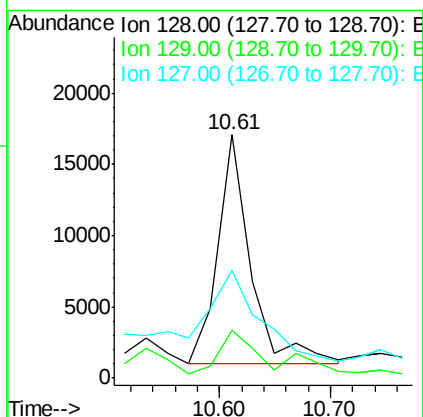
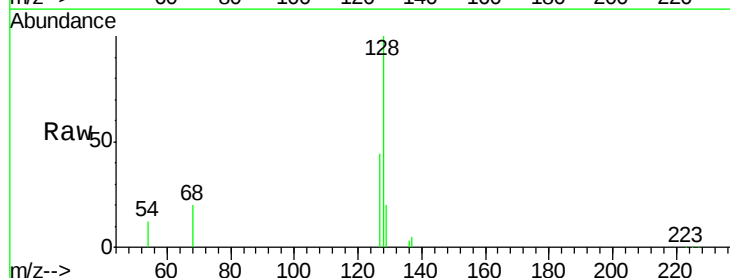
Tgt Ion: 128 Resp: 33473

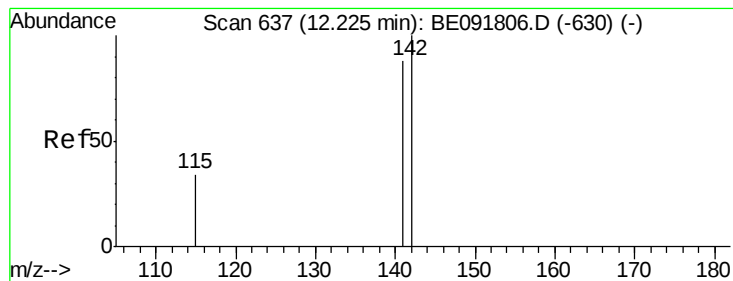
Ion Ratio Lower Upper

128 100

129 19.7 9.3 13.9#

127 44.3 10.7 16.1#





#12

2-Methylnaphthalene

Concen: 0.08 ng

RT: 12.23 min Scan# 637

Delta R.T. -0.01 min

Lab File: BE091828.D

Acq: 20 May 2016 2:19

Instrument :

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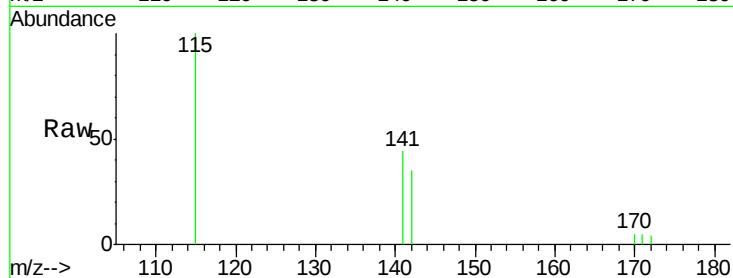
Tgt Ion:142 Resp: 2227

Ion Ratio Lower Upper

142 100

141 124.8 71.4 107.0#

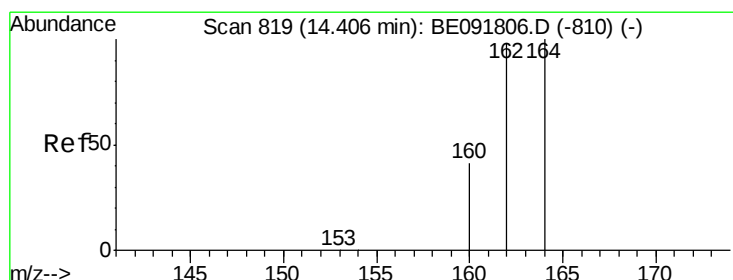
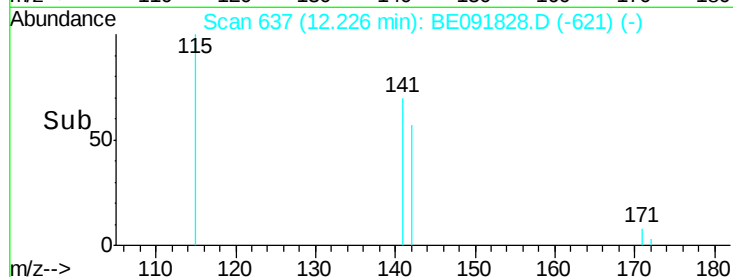
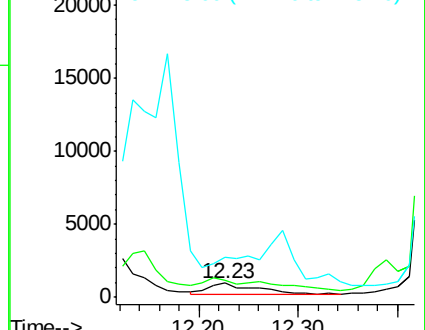
115 284.7 30.3 45.5#



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: 14.40 min Scan# 819

Delta R.T. -0.01 min

Lab File: BE091828.D

Acq: 20 May 2016 2:19

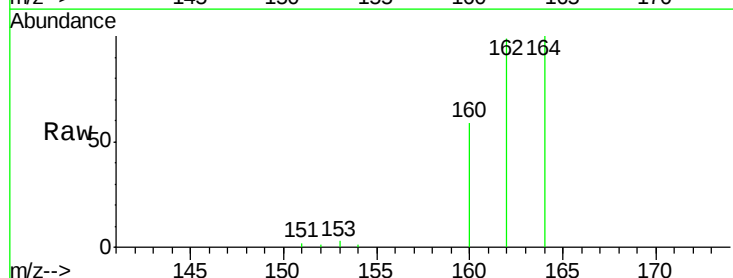
Tgt Ion:164 Resp: 119162

Ion Ratio Lower Upper

164 100

162 99.2 85.3 127.9

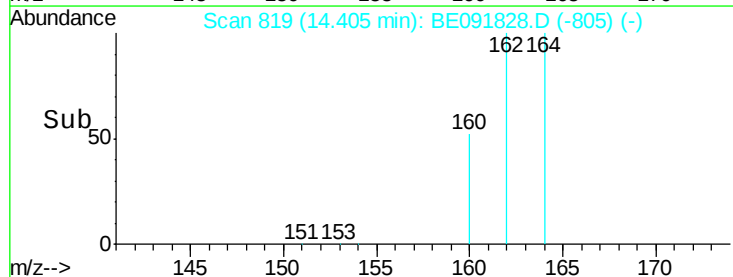
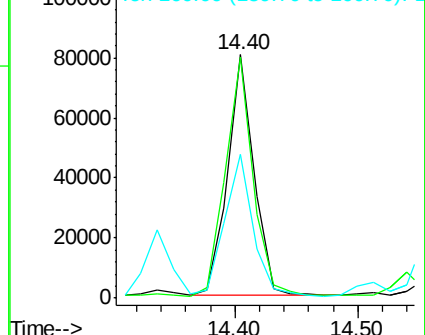
160 58.8 46.2 69.2

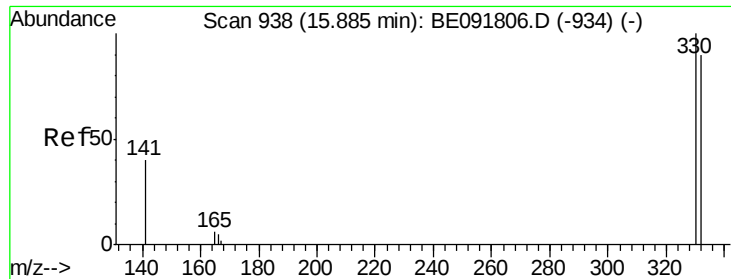


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

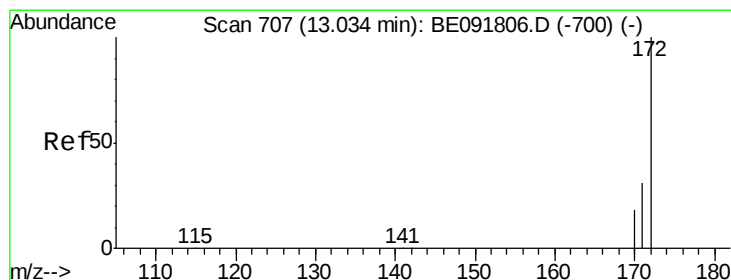
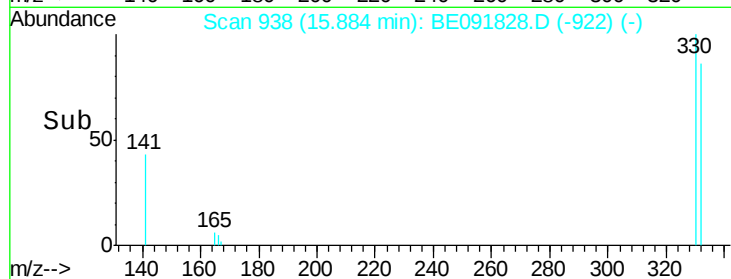
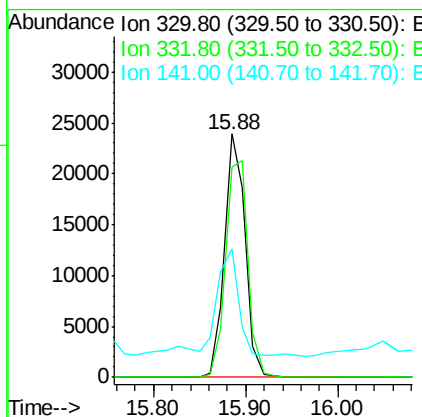
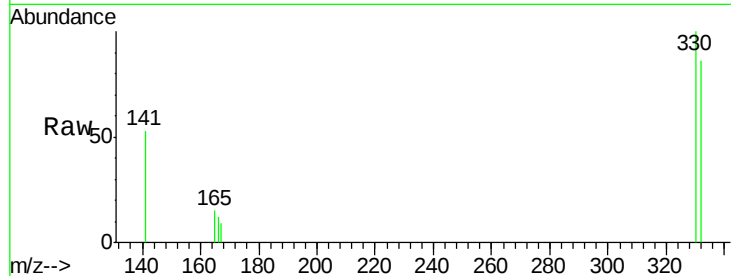




#14
 2,4,6-Tribromophenol
 Concen: 7.99 ng
 RT: 15.88 min Scan# 938
 Delta R.T. -0.01 min
 Lab File: BE091828.D
 Acq: 20 May 2016 2:19

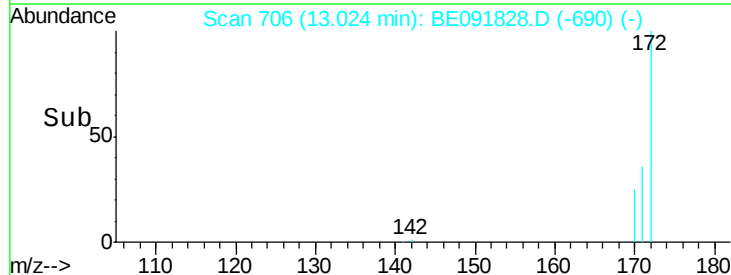
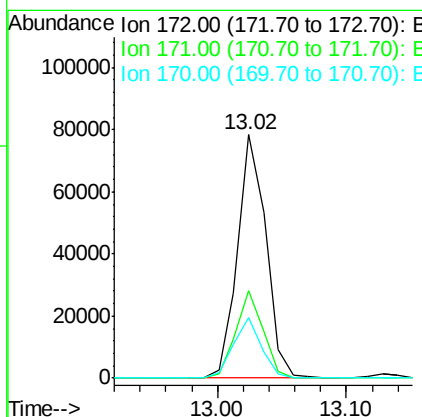
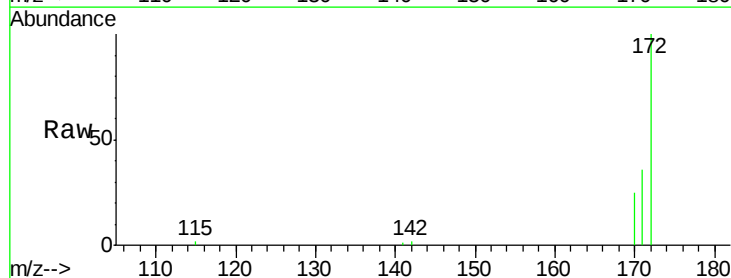
Instrument :
 BNA_E
 ClientSampleId :
 SS043MW009-160511

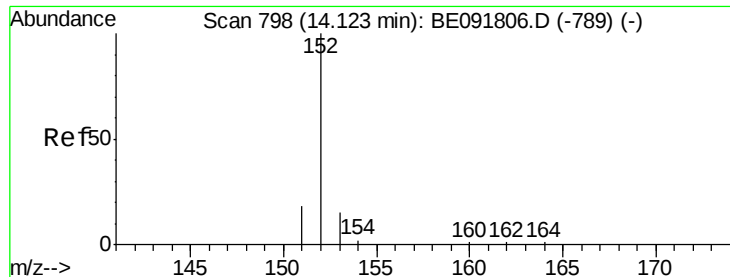
Tgt Ion:330 Resp: 36981
 Ion Ratio Lower Upper
 330 100
 332 97.1 79.1 118.7
 141 50.0 125.4 188.0#



#15
 2-Fluorobiphenyl
 Concen: 3.54 ng
 RT: 13.02 min Scan# 706
 Delta R.T. -0.01 min
 Lab File: BE091828.D
 Acq: 20 May 2016 2:19

Tgt Ion:172 Resp: 119227
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.8 43.2
 170 24.6 19.3 28.9





#16

Acenaphthylene

Concen: 0.23 ng

RT: 14.12 min Scan# 798

Delta R.T. -0.00 min

Lab File: BE091828.D

Acq: 20 May 2016 2:19

Instrument :

BNA_E

ClientSampleId :

SS043MW009-160511

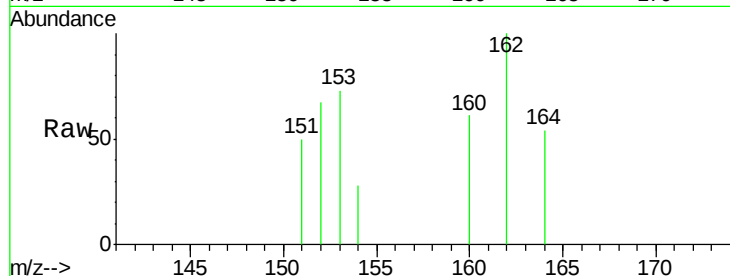
Tgt Ion:152 Resp: 12347

Ion Ratio Lower Upper

152 100

151 0.0 3.9 5.9#

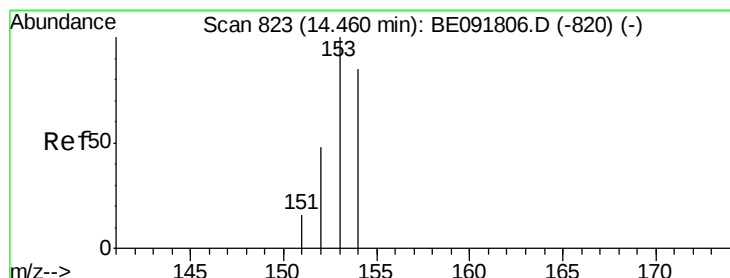
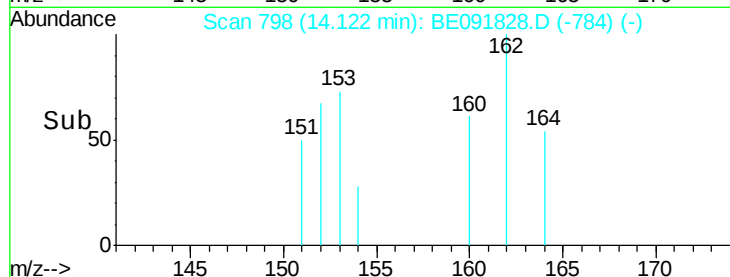
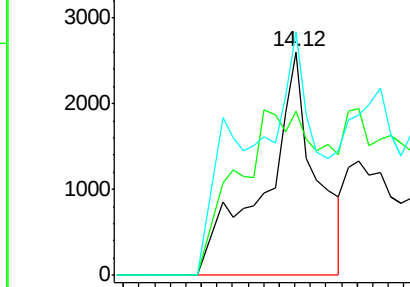
153 40.1 10.3 15.5#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#17

Acenaphthene

Concen: 0.10 ng

RT: 14.46 min Scan# 823

Delta R.T. -0.01 min

Lab File: BE091828.D

Acq: 20 May 2016 2:19

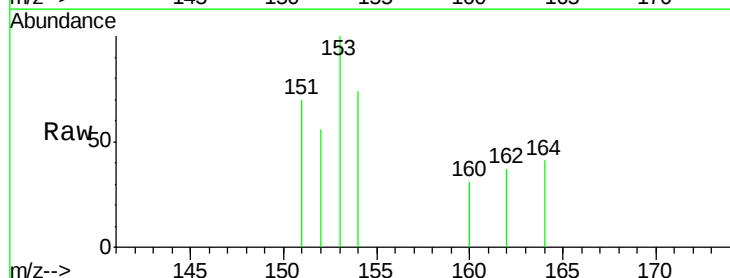
Tgt Ion:154 Resp: 3217

Ion Ratio Lower Upper

154 100

153 132.6 80.0 120.0#

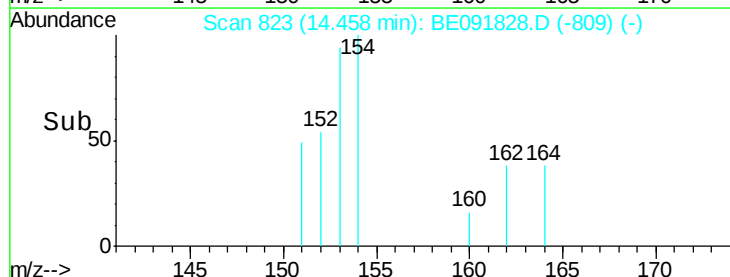
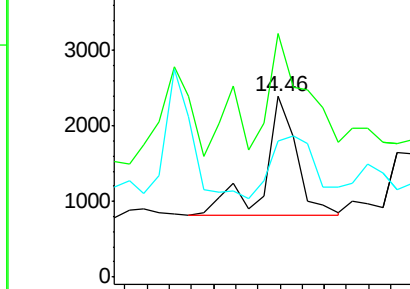
152 71.5 40.0 60.0#

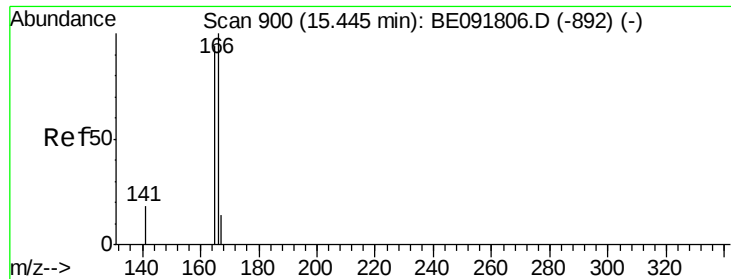


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#18

Fluorene

Concen: 0.21 ng

RT: 15.44 min Scan# 900

Delta R.T. -0.01 min

Lab File: BE091828.D

Acq: 20 May 2016 2:19

Instrument :

BNA_E

ClientSampleId :

SS043MW009-160511

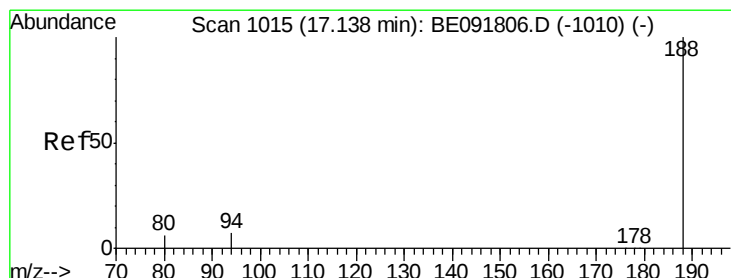
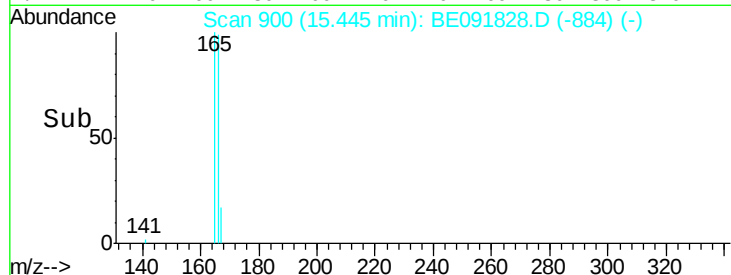
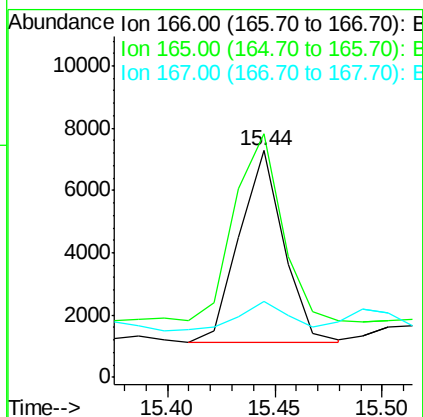
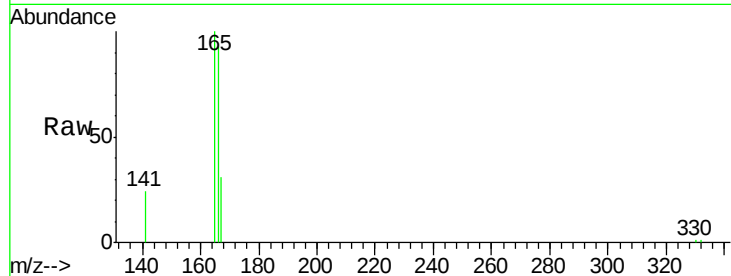
Tgt Ion:166 Resp: 8760

Ion Ratio Lower Upper

166 100

165 110.7 80.8 121.2

167 17.5 10.9 16.3#



#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.14 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BE091828.D

Acq: 20 May 2016 2:19

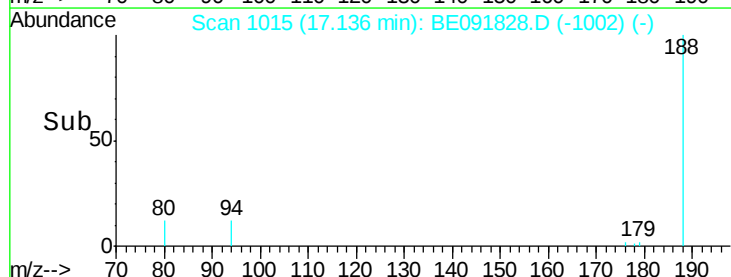
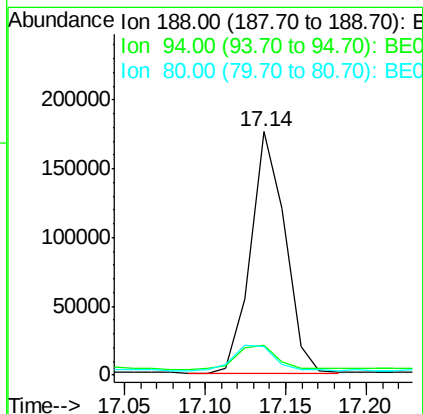
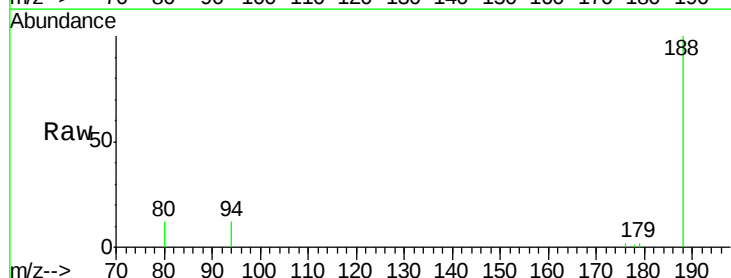
Tgt Ion:188 Resp: 260511

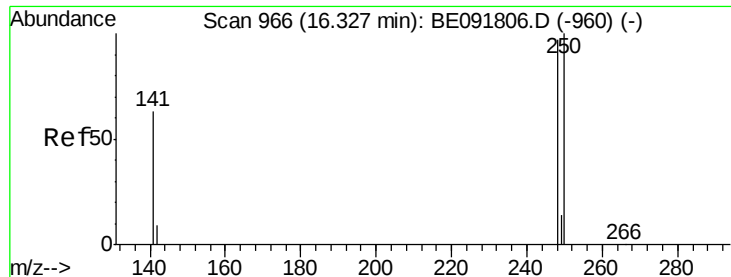
Ion Ratio Lower Upper

188 100

94 12.4 8.7 13.1

80 11.7 9.4 14.0





#20

4-Bromophenyl-phenylether

Concen: 0.01 ng

RT: 16.34 min Scan# 967

Delta R.T. 0.02 min

Lab File: BE091828.D

Acq: 20 May 2016 2:19

Instrument :

BNA_E

ClientSampleId :

SS043MW009-160511

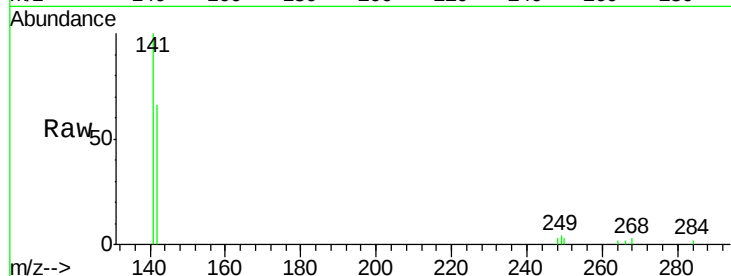
Tgt Ion:248 Resp: 51

Ion Ratio Lower Upper

248 100

250 0.0 80.5 120.7#

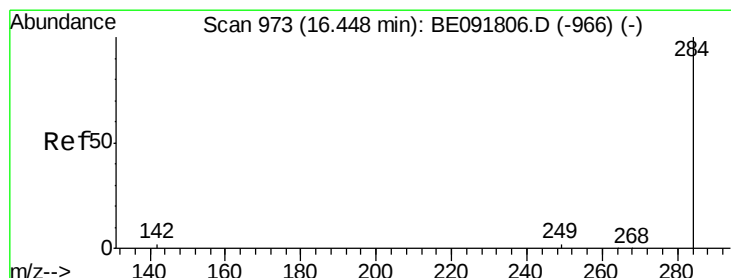
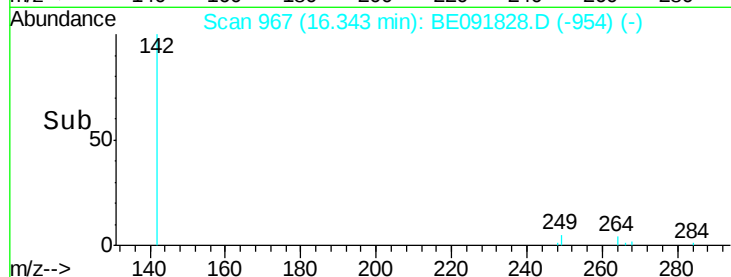
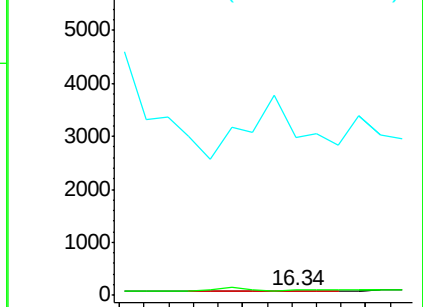
141 7029.4 72.0 108.0#



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



#21

Hexachlorobenzene

Concen: 0.00 ng

RT: 16.45 min Scan# 973

Delta R.T. -0.00 min

Lab File: BE091828.D

Acq: 20 May 2016 2:19

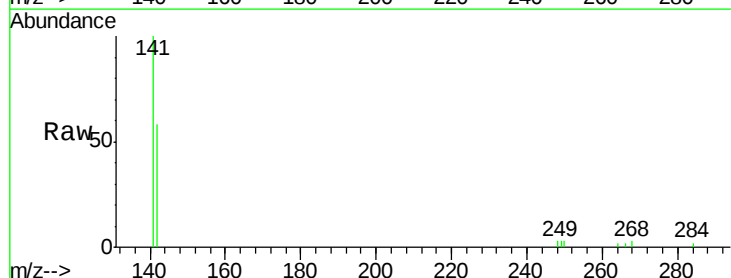
Tgt Ion:284 Resp: 35

Ion Ratio Lower Upper

284 100

142 0.0 32.2 48.2#

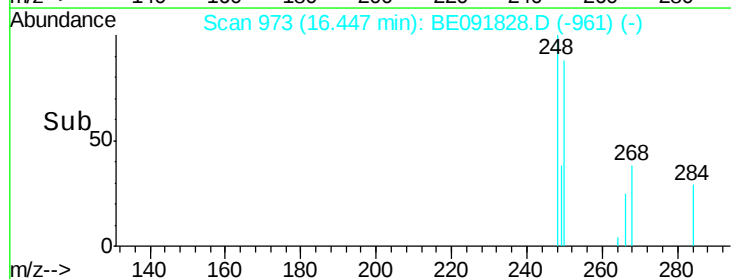
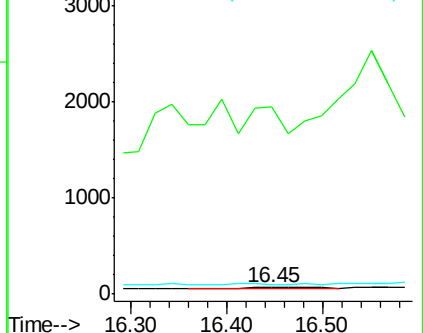
249 0.0 25.4 38.2#

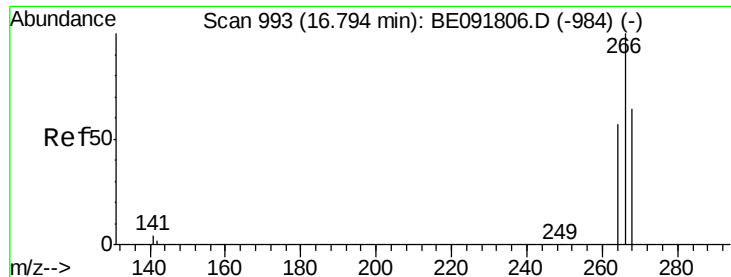


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#22

Pentachlorophenol

Concen: 0.04 ng

RT: 16.79 min Scan# 993

Delta R.T. -0.00 min

Lab File: BE091828.D

Acq: 20 May 2016 2:19

Instrument :

BNA_E

ClientSampleId :

SS043MW009-160511

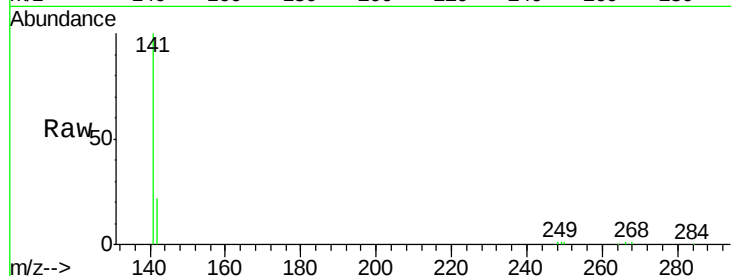
Tgt Ion:266 Resp: 181

Ion Ratio Lower Upper

266 100

268 93.0 58.2 87.2#

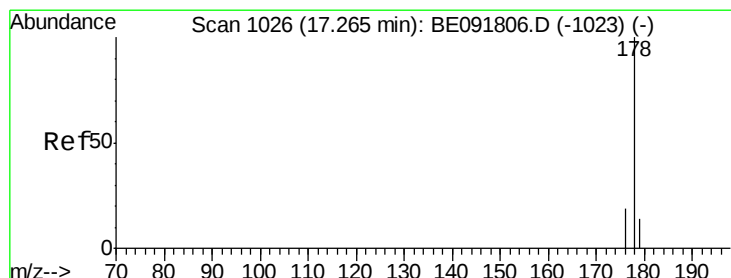
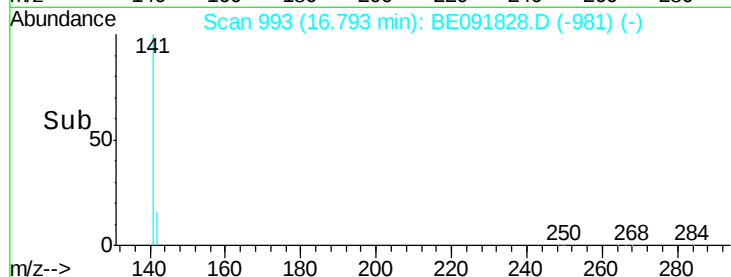
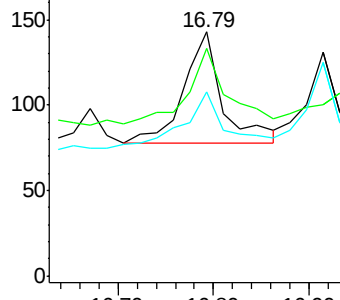
264 75.5 56.2 84.4



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: 0.06 ng

RT: 17.18 min Scan# 1019

Delta R.T. -0.00 min

Lab File: BE091828.D

Acq: 20 May 2016 2:19

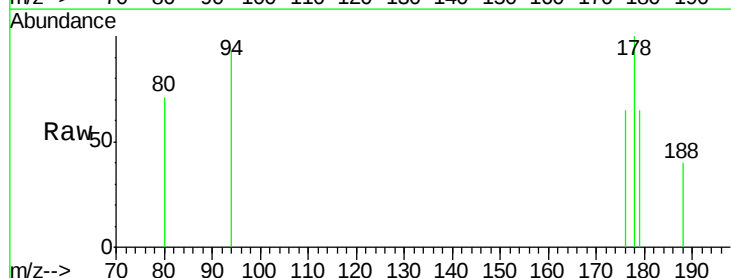
Tgt Ion:178 Resp: 8000

Ion Ratio Lower Upper

178 100

176 0.0 15.3 22.9#

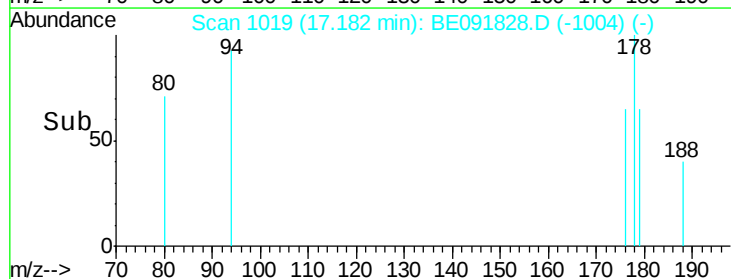
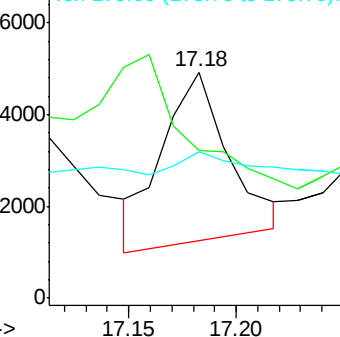
179 0.0 12.6 18.8#



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





#24

Anthracene

Concen: 0.06 ng

RT: 17.26 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BE091828.D

Acq: 20 May 2016 2:19

Instrument :

BNA_E

ClientSampleId :

SS043MW009-160511

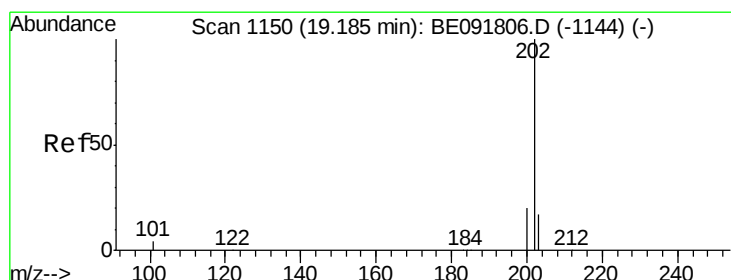
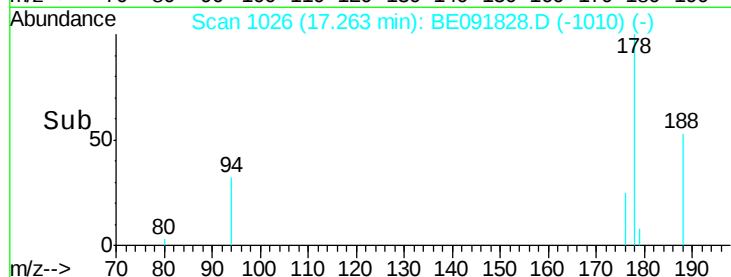
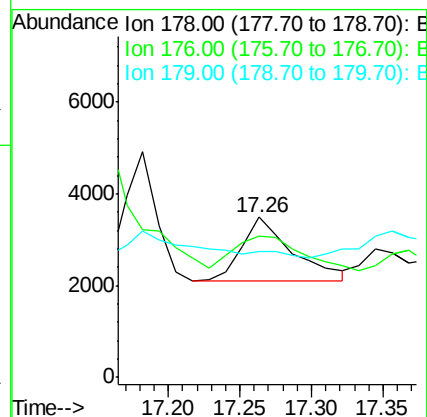
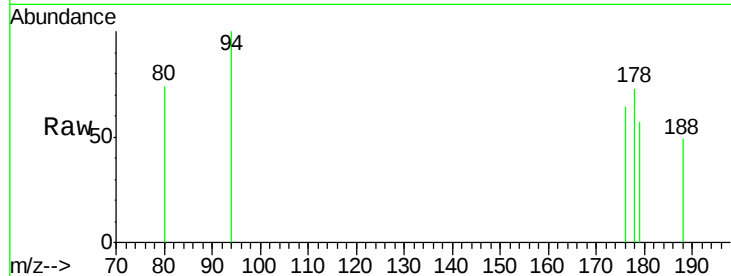
Tgt Ion:178 Resp: 3401

Ion Ratio Lower Upper

178 100

176 72.4 14.6 21.8#

179 0.0 11.8 17.6#



#25

Fluoranthene

Concen: 0.01 ng

RT: 19.19 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BE091828.D

Acq: 20 May 2016 2:19

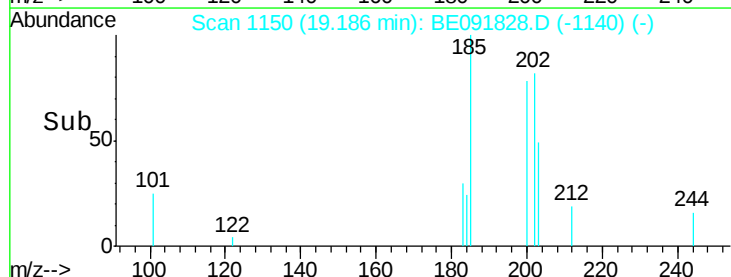
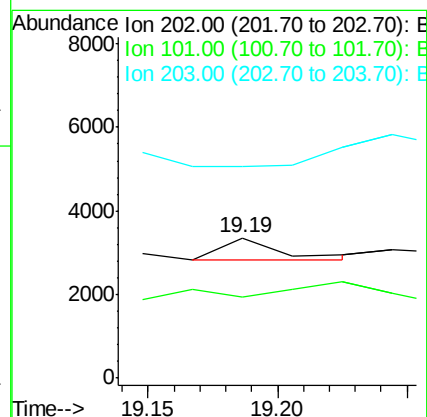
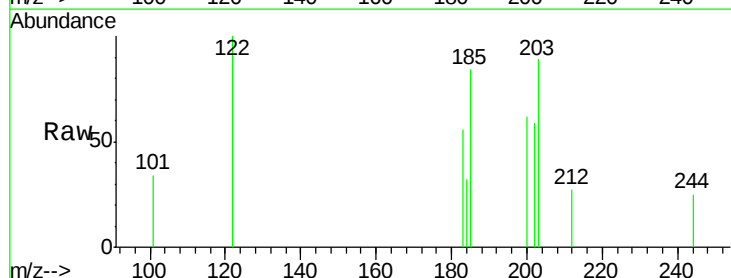
Tgt Ion:202 Resp: 874

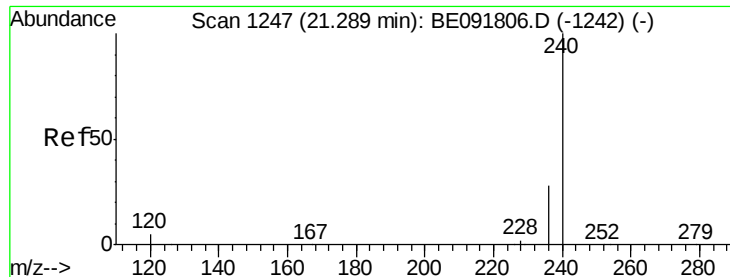
Ion Ratio Lower Upper

202 100

101 0.0 11.0 16.6#

203 0.0 13.9 20.9#





#26

Chrysene-d12

Concen: 5.00 ng

RT: 21.29 min Scan# 1247

Delta R.T. -0.02 min

Lab File: BE091828.D

Acq: 20 May 2016 2:19

Instrument :

BNA_E

ClientSampleId :

SS043MW009-160511

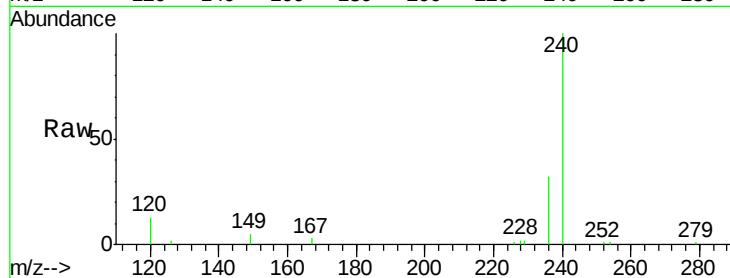
Tgt Ion:240 Resp: 268599

Ion Ratio Lower Upper

240 100

120 12.6 11.0 16.4

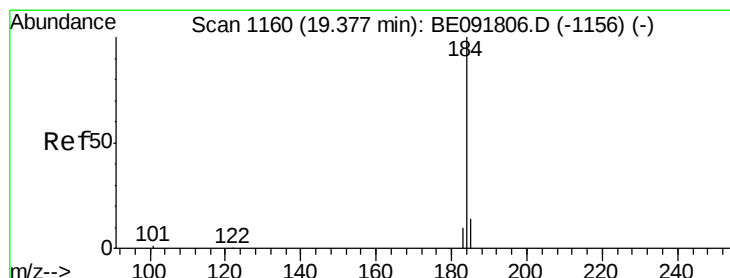
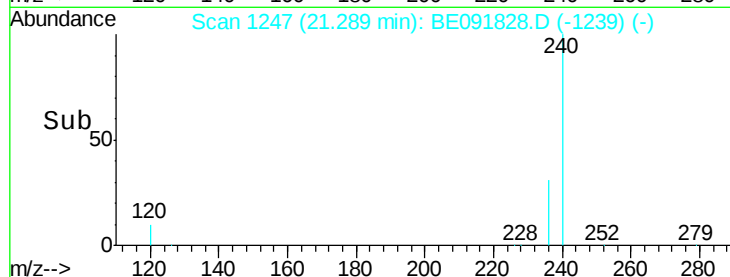
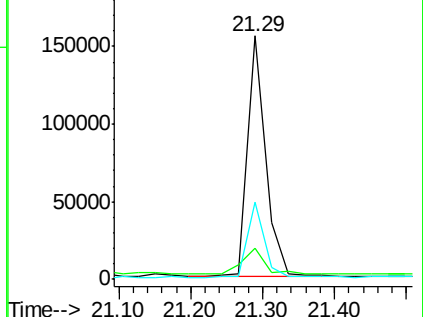
236 31.9 21.7 32.5



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: Below Cal

RT: 19.32 min Scan# 1157

Delta R.T. -0.06 min

Lab File: BE091828.D

Acq: 20 May 2016 2:19

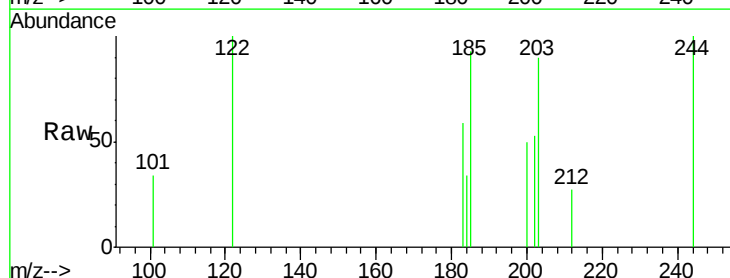
Tgt Ion:184 Resp: 598

Ion Ratio Lower Upper

184 100

185 276.9 22.3 33.5#

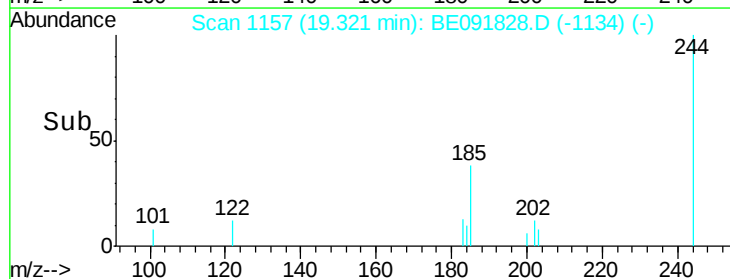
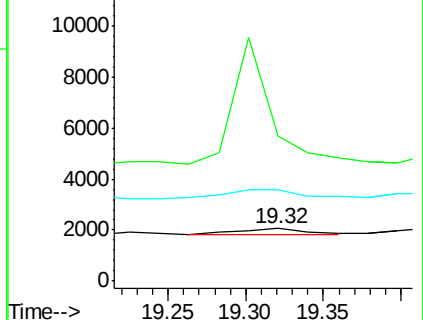
183 174.0 16.4 24.6#

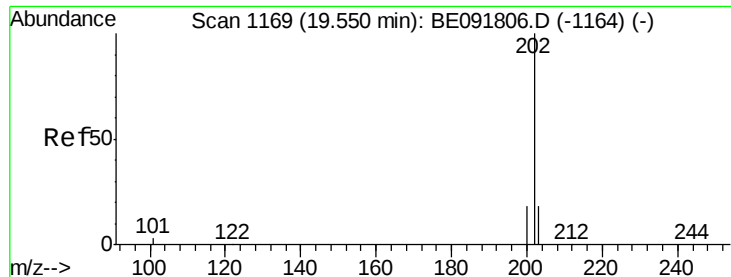


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#28

Pyrene

Concen: 0.11 ng

RT: 19.53 min Scan# 1168

Delta R.T. -0.02 min

Lab File: BE091828.D

Acq: 20 May 2016 2:19

Instrument :

BNA_E

ClientSampleId :

SS043MW009-160511

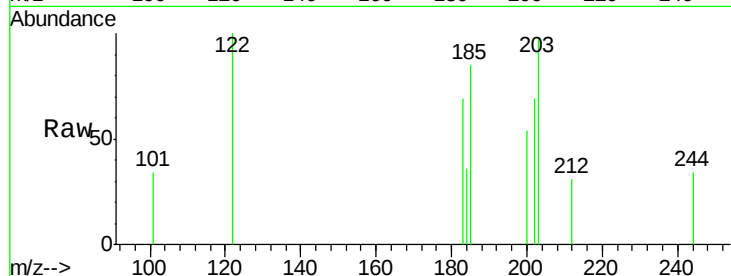
Tgt Ion: 202 Resp: 6275

Ion Ratio Lower Upper

202 100

200 13.5 16.8 25.2#

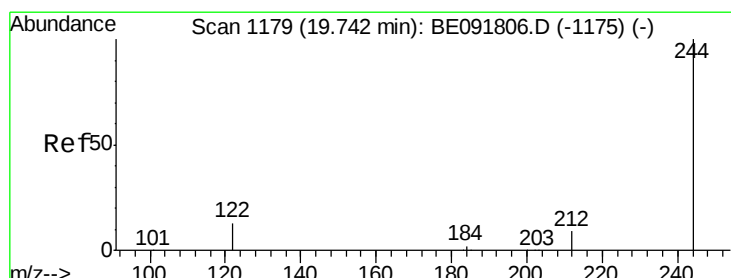
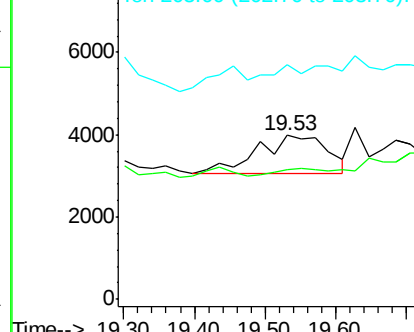
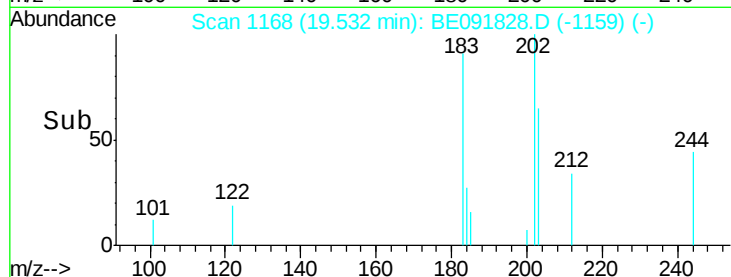
203 0.0 14.0 21.0#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#29

Terphenyl-d14

Concen: 4.63 ng

RT: 19.74 min Scan# 1179

Delta R.T. -0.02 min

Lab File: BE091828.D

Acq: 20 May 2016 2:19

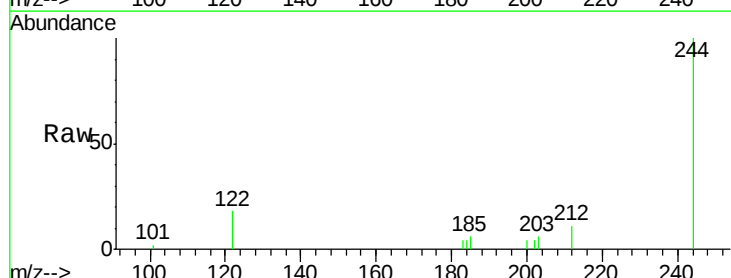
Tgt Ion: 244 Resp: 176184

Ion Ratio Lower Upper

244 100

212 11.2 6.9 10.3#

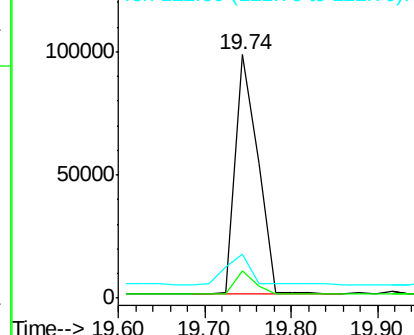
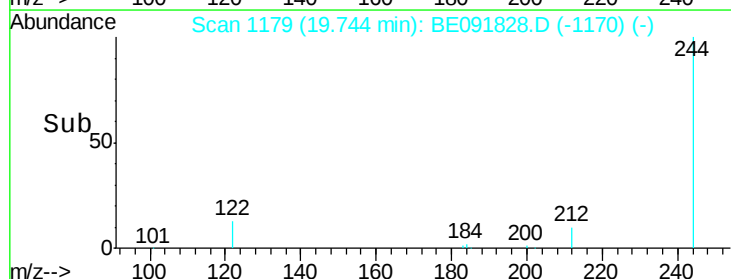
122 18.2 11.0 16.4#

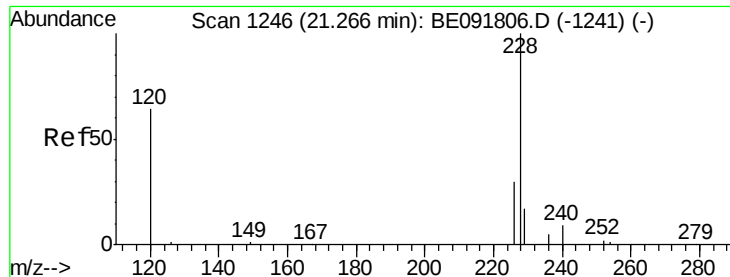


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#30

Benzo(a)anthracene

Concen: 0.04 ng

RT: 21.29 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BE091828.D

Acq: 20 May 2016 2:19

Instrument :

BNA_E

ClientSampleId :

SS043MW009-160511

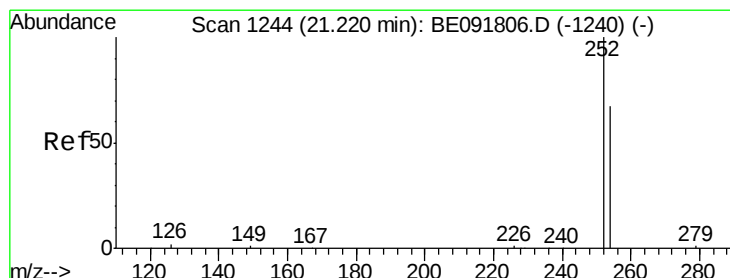
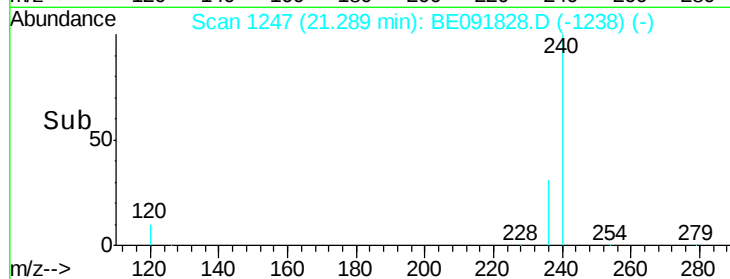
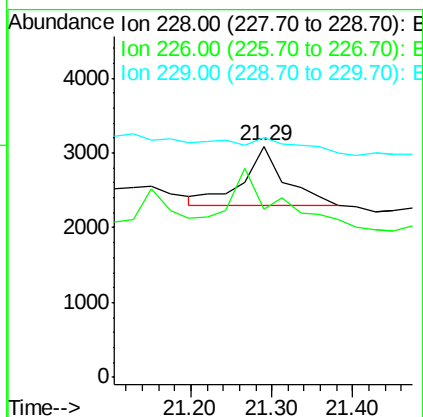
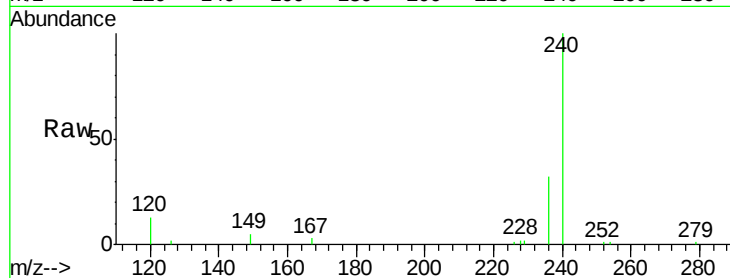
Tgt Ion:228 Resp: 2802

Ion Ratio Lower Upper

228 100

226 72.8 21.0 31.4#

229 103.7 15.7 23.5#



#31

3,3'-Dichlorobenzidine

Concen: 0.08 ng

RT: 21.22 min Scan# 1244

Delta R.T. -0.02 min

Lab File: BE091828.D

Acq: 20 May 2016 2:19

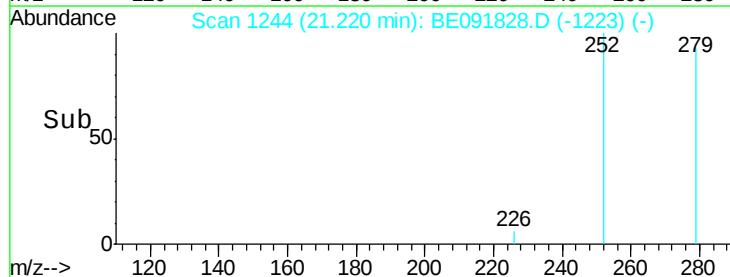
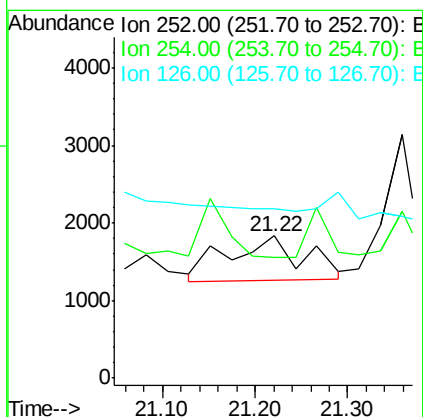
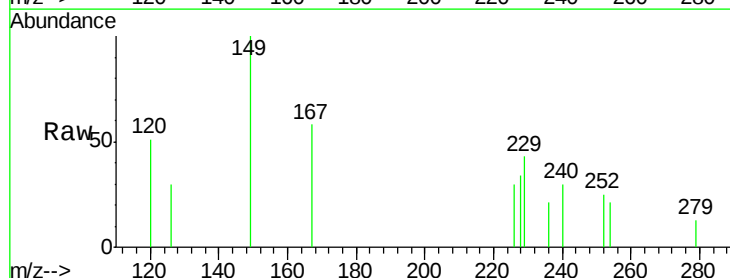
Tgt Ion:252 Resp: 3263

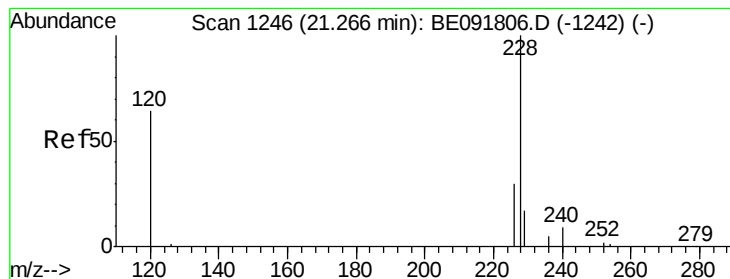
Ion Ratio Lower Upper

252 100

254 84.6 51.1 76.7#

126 119.3 12.6 18.8#





#32

Chrysene

Concen: 0.11 ng

RT: 21.29 min Scan# 1247

Delta R.T. -0.04 min

Lab File: BE091828.D

Acq: 20 May 2016 2:19

Instrument :

BNA_E

ClientSampleId :

SS043MW009-160511

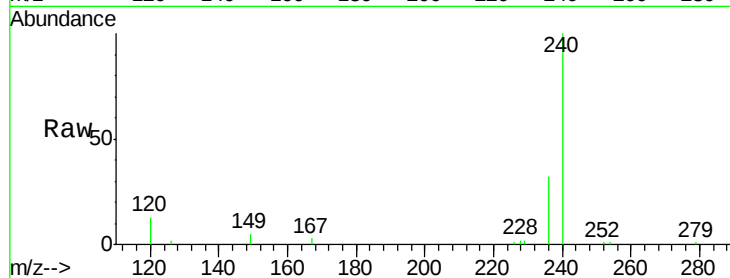
Tgt Ion:228 Resp: 3807

Ion Ratio Lower Upper

228 100

226 72.8 24.0 36.0#

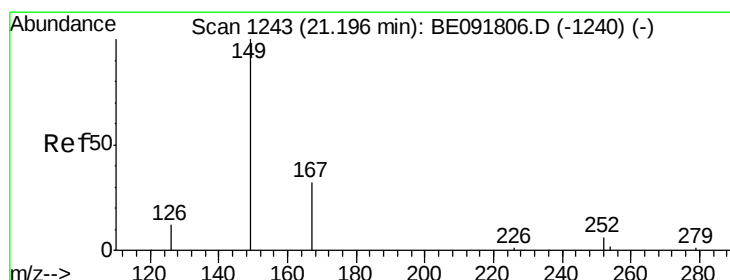
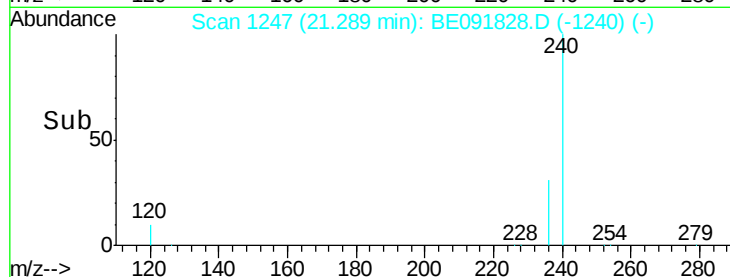
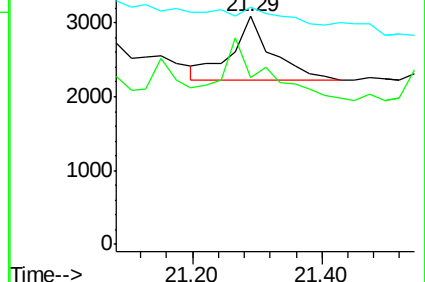
229 103.7 15.9 23.9#



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: 0.71 ng

RT: 21.15 min Scan# 1241

Delta R.T. -0.07 min

Lab File: BE091828.D

Acq: 20 May 2016 2:19

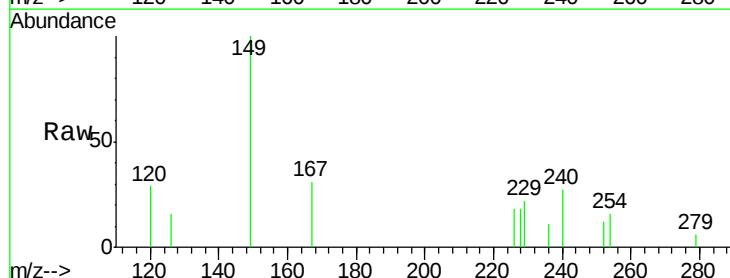
Tgt Ion:149 Resp: 17900

Ion Ratio Lower Upper

149 100

167 0.0 19.5 29.3#

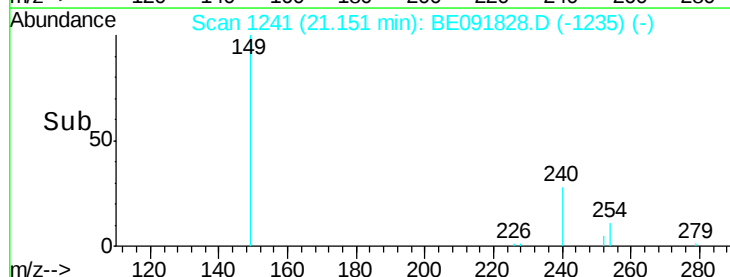
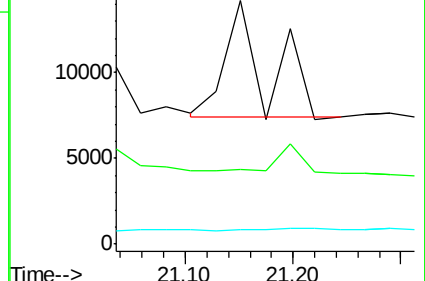
279 0.0 10.0 15.0#

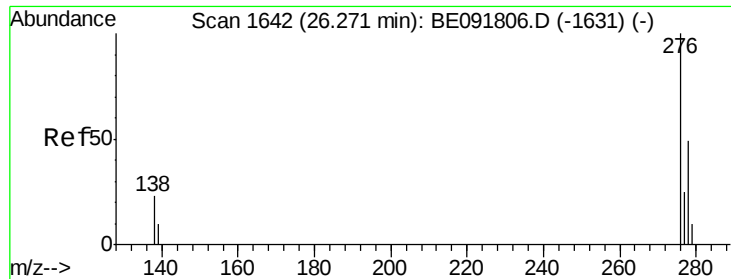


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.01 ng

RT: 26.28 min Scan# 1643

Delta R.T. -0.02 min

Lab File: BE091828.D

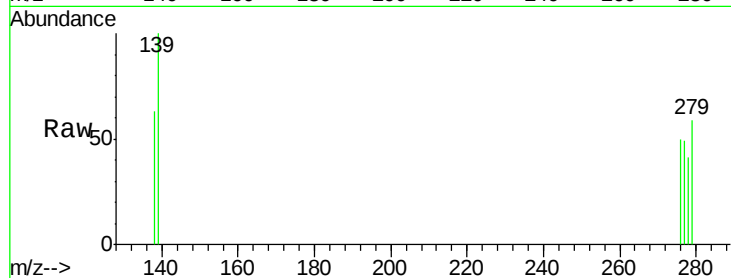
Acq: 20 May 2016 2:19

Instrument :

BNA_E

ClientSampleId :

SS043MW009-160511



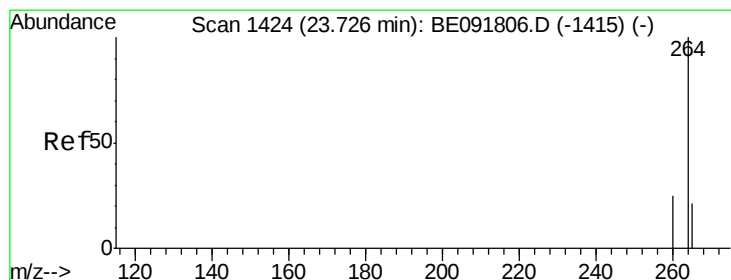
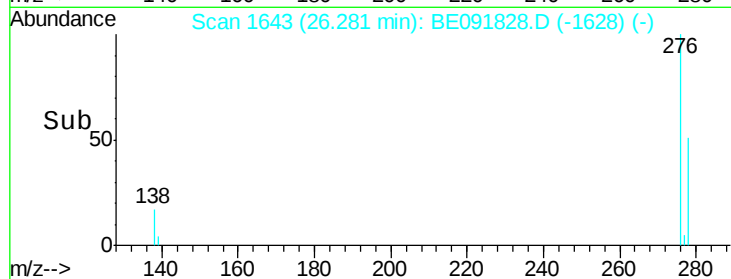
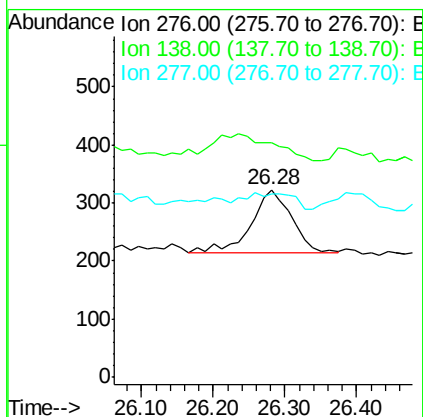
Tgt Ion: 276 Resp: 432

Ion Ratio Lower Upper

276 100

138 0.0 23.4 35.2#

277 0.0 19.8 29.8#



#35

Perylene-d12

Concen: 5.00 ng

RT: 23.74 min Scan# 1425

Delta R.T. -0.01 min

Lab File: BE091828.D

Acq: 20 May 2016 2:19

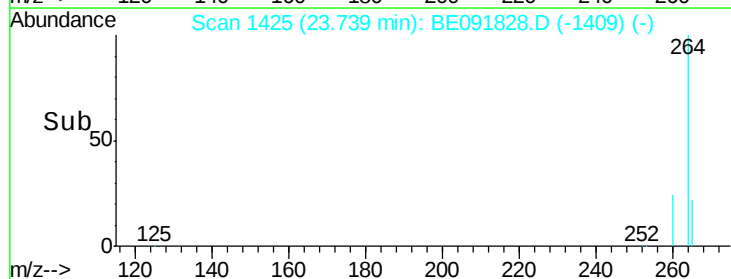
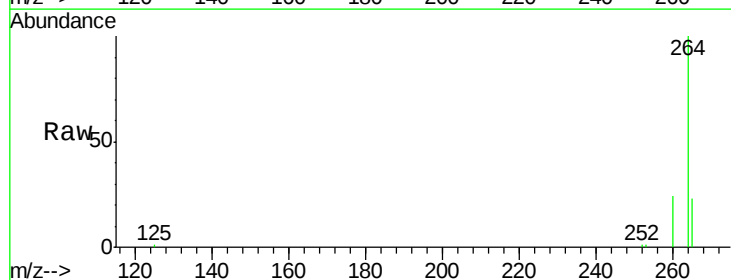
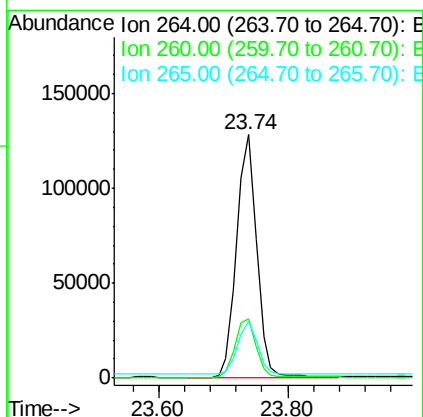
Tgt Ion: 264 Resp: 273795

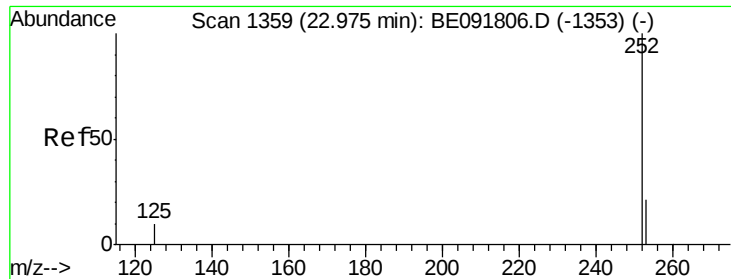
Ion Ratio Lower Upper

264 100

260 24.5 20.0 30.0

265 23.4 17.5 26.3

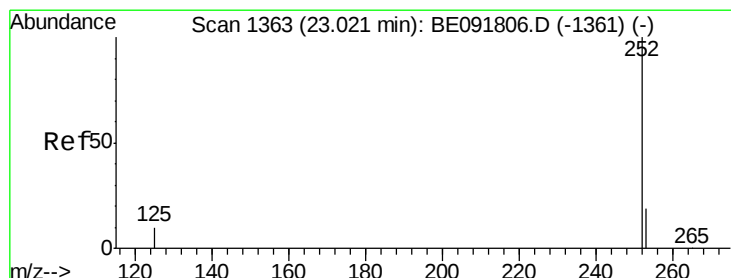
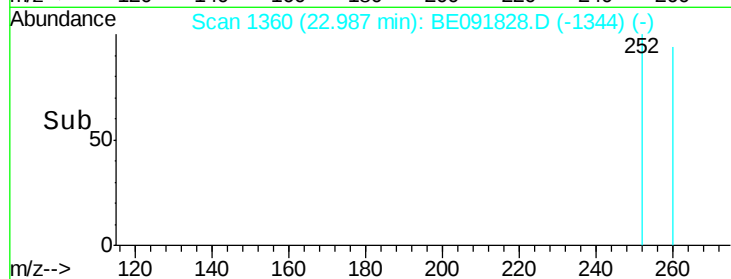
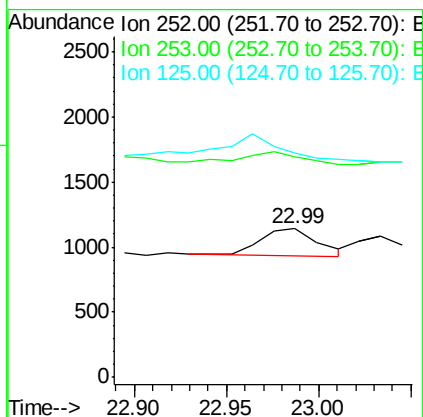
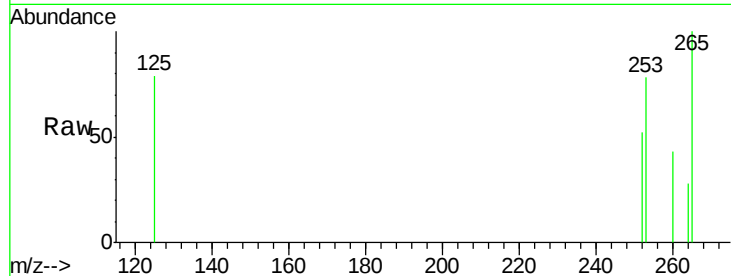




#36
Benzo(b)fluoranthene
Concen: 0.01 ng
RT: 22.99 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BE091828.D
Acq: 20 May 2016 2:19

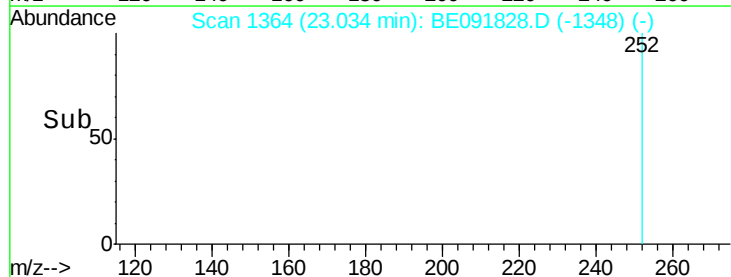
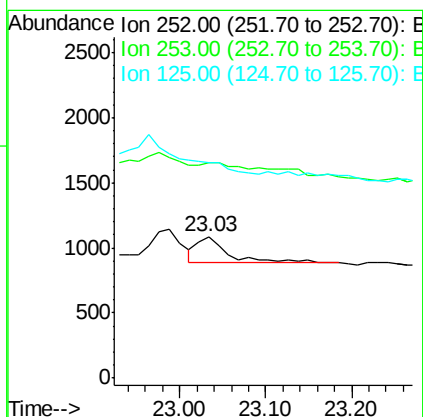
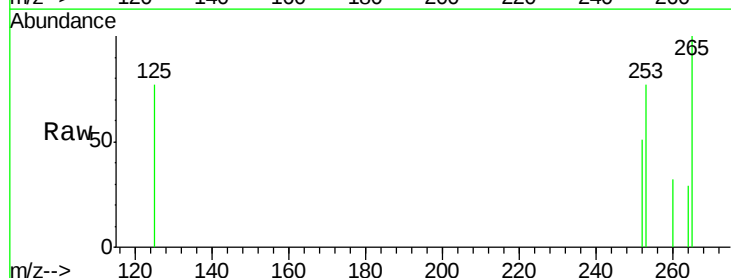
Instrument :
BNA_E
ClientSampleId :
SS043MW009-160511

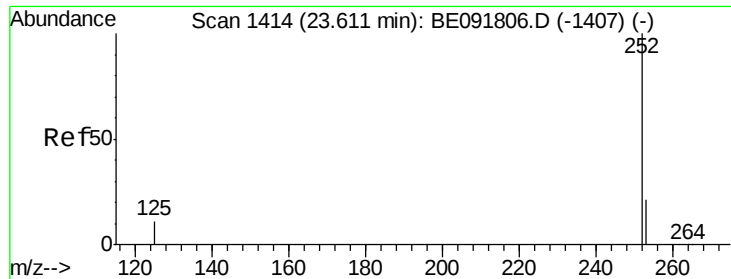
Tgt Ion:252 Resp: 452
Ion Ratio Lower Upper
252 100
253 148.9 17.4 26.0#
125 151.1 10.2 15.2#



#37
Benzo(k)fluoranthene
Concen: 0.01 ng
RT: 23.03 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BE091828.D
Acq: 20 May 2016 2:19

Tgt Ion:252 Resp: 541
Ion Ratio Lower Upper
252 100
253 152.1 17.6 26.4#
125 151.9 9.9 14.9#





#38

Benzo(a)pyrene

Concen: 0.01 ng

RT: 23.62 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BE091828.D

Acq: 20 May 2016 2:19

Instrument :

BNA_E

ClientSampleId :

SS043MW009-160511

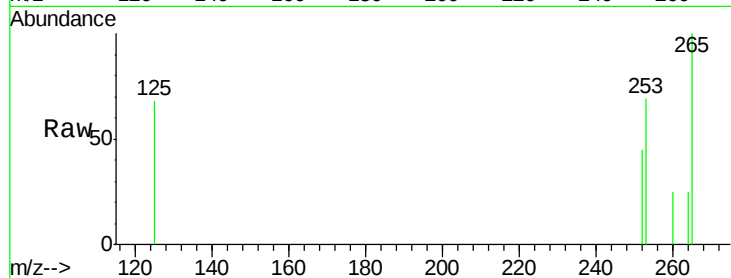
Tgt Ion: 252 Resp: 443

Ion Ratio Lower Upper

252 100

253 152.4 18.1 27.1#

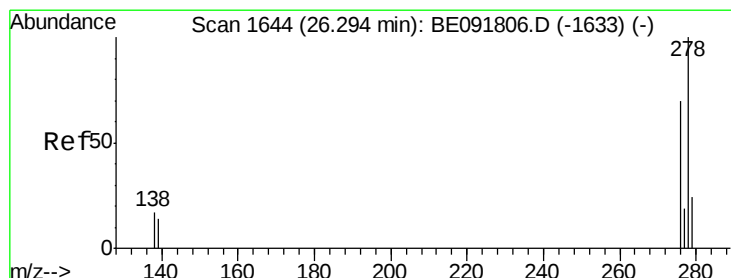
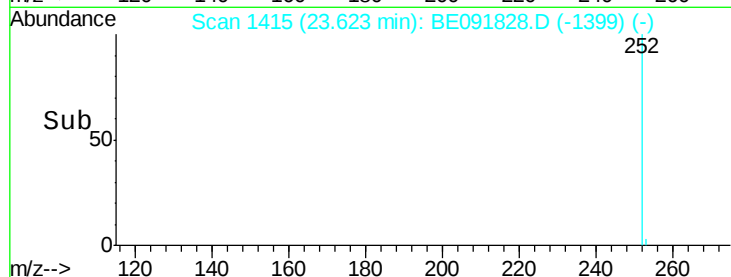
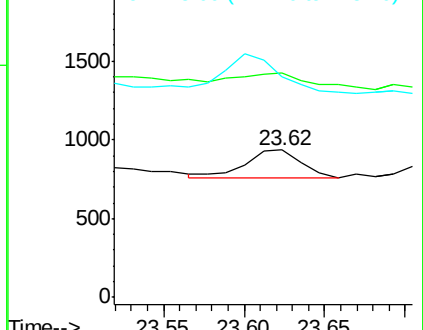
125 149.3 11.0 16.4#



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: 0.00 ng

RT: 26.30 min Scan# 1645

Delta R.T. -0.04 min

Lab File: BE091828.D

Acq: 20 May 2016 2:19

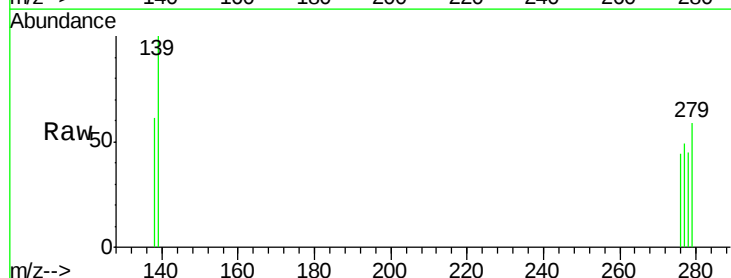
Tgt Ion: 278 Resp: 283

Ion Ratio Lower Upper

278 100

139 223.9 16.0 24.0#

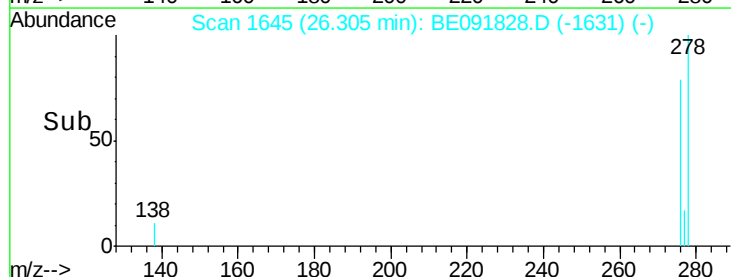
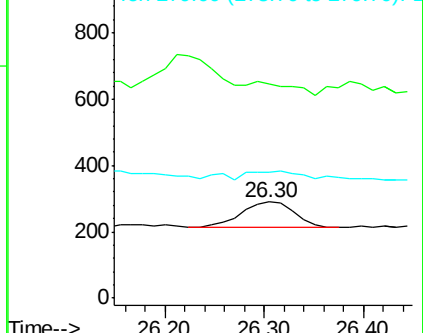
279 131.1 19.4 29.2#

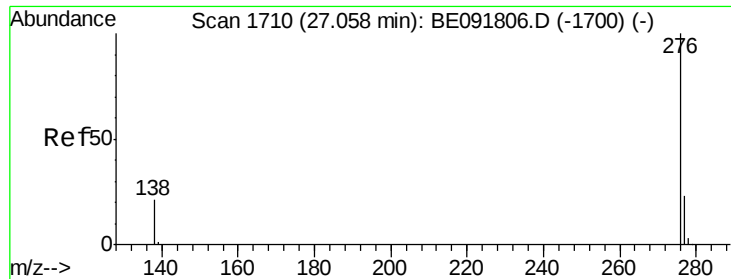


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.01 ng

RT: 27.07 min Scan# 1711

Delta R.T. -0.04 min

Lab File: BE091828.D

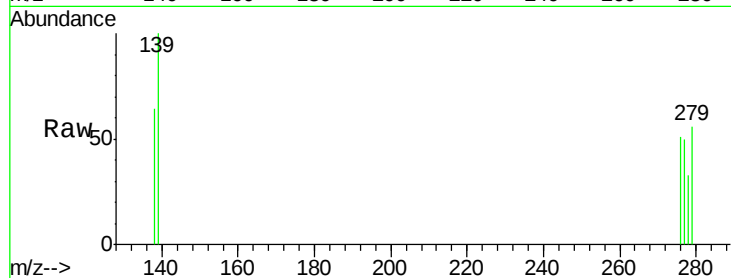
Acq: 20 May 2016 2:19

Instrument :

BNA_E

ClientSampleId :

SS043MW009-160511



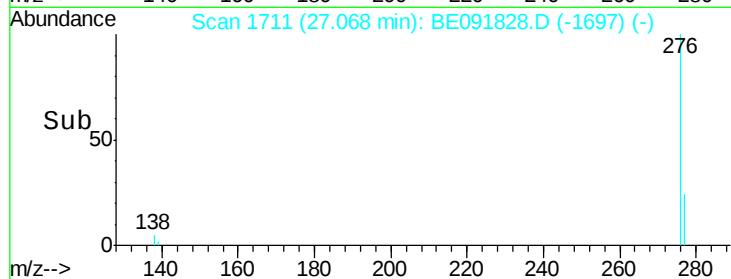
Tgt Ion: 276 Resp: 373

Ion Ratio Lower Upper

276 100

277 98.3 18.6 28.0#

138 125.7 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

27.07

Time-->