

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE051916\
 Data File : BE091813.D
 Acq On : 19 May 2016 16:58
 Operator : UM/SJ
 Sample : H3065-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SS043MW039-160511

Quant Time: May 20 04:47:53 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	7.78	152	26899	5.00	ng	-0.02
7) Naphthalene-d8	10.55	136	134200	5.00	ng	-0.02
13) Acenaphthene-d10	14.40	164	89821	5.00	ng	-0.01
19) Phenanthrene-d10	17.14	188	247096	5.00	ng	-0.01
26) Chrysene-d12	21.29	240	353286	5.00	ng	-0.02
35) Perylene-d12	23.73	264	297776	5.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.39	112	13462	1.92	ng	0.00
5) Phenol-d6	6.95	99	11086	1.12	ng	0.00
8) Nitrobenzene-d5	8.95	82	25284	2.84	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	24073	6.90	ng	-0.01
15) 2-Fluorobiphenyl	13.02	172	82925	3.26	ng	-0.01
29) Terphenyl-d14	19.74	244	215875	4.32	ng	-0.02

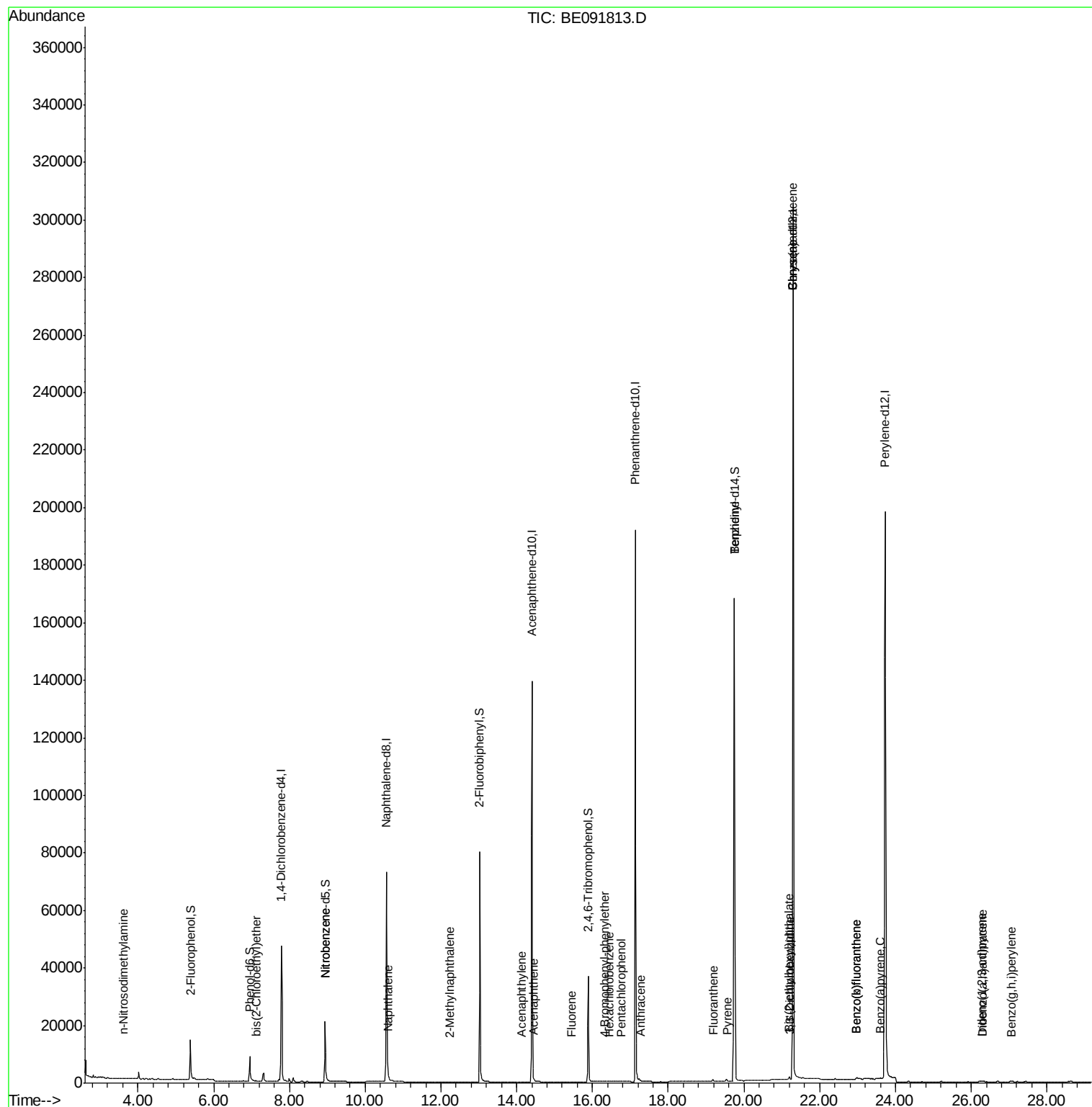
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.63	42	60	0.01	ng	# 2
6) bis(2-Chloroethyl)ether	7.13	93	64	0.01	ng	# 28
9) Nitrobenzene	8.95	77	108	0.01	ng	# 37
10) Naphthalene	10.61	128	166	0.01	ng	# 22
12) 2-Methylnaphthalene	12.24	142	76	0.00	ng	# 76
16) Acenaphthylene	14.12	152	172	0.00	ng	# 72
17) Acenaphthene	14.46	154	51	0.00	ng	# 58
18) Fluorene	15.44	166	83	0.00	ng	# 75
20) 4-Bromophenyl-phenylether	16.33	248	3	0.00	ng	# 1
21) Hexachlorobenzene	16.45	284	9	0.00	ng	# 61
22) Pentachlorophenol	16.76	266	151	0.04	ng	# 42
23) Phenanthrene	17.17	178	877	Below Cal		# 83
24) Anthracene	17.26	178	207	0.00	ng	# 94
25) Fluoranthene	19.19	202	775	0.01	ng	# 91
27) Benzidine	19.74	184	3433	0.14	ng	# 90
28) Pyrene	19.55	202	836	0.01	ng	# 89
30) Benzo(a)anthracene	21.29	228	2102	0.02	ng	# 74
31) 3,3'-Dichlorobenzidine	21.22	252	368	0.01	ng	# 51
32) Chrysene	21.29	228	2126	0.07	ng	# 71
33) Bis(2-ethylhexyl)phthalate	21.20	149	1284	0.27	ng	# 88
34) Indeno(1,2,3-cd)pyrene	26.27	276	611	0.01	ng	# 97
36) Benzo(b)fluoranthene	22.97	252	886	0.01	ng	# 1
37) Benzo(k)fluoranthene	22.97	252	886	0.01	ng	# 1
38) Benzo(a)pyrene	23.61	252	436	0.01	ng	# 1
39) Dibenzo(a,h)anthracene	26.29	278	341	0.00	ng	# 1
40) Benzo(g,h,i)perylene	27.06	276	589	0.01	ng	# 42

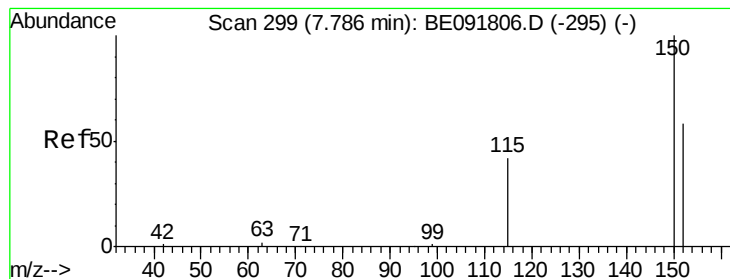
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.78 min Scan# 299

Delta R.T. -0.02 min

Lab File: BE091813.D

Acq: 19 May 2016 16:58

Instrument :

BNA_E

ClientSampleId :

SS043MW039-160511

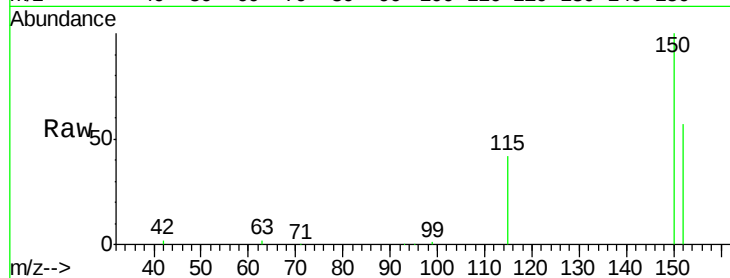
Tgt Ion:152 Resp: 26899

Ion Ratio Lower Upper

152 100

150 174.2 122.6 183.8

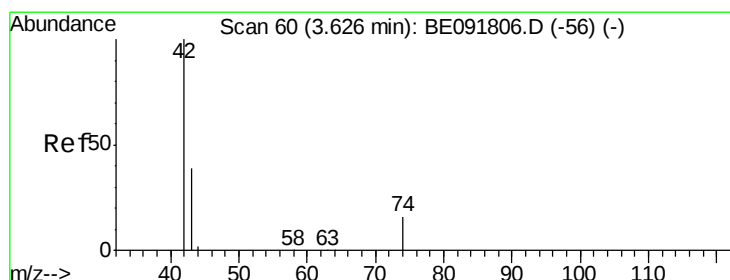
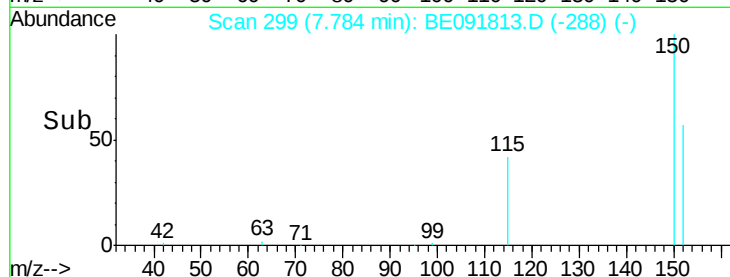
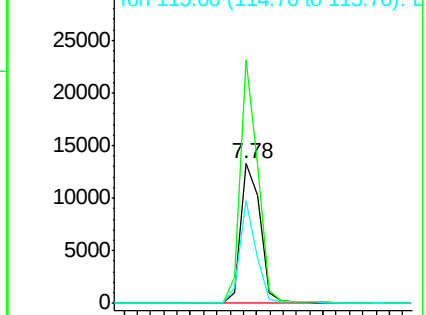
115 74.0 52.8 79.2



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



#3

n-Nitrosodimethylamine

Concen: 0.01 ng

RT: 3.63 min Scan# 60

Delta R.T. -0.00 min

Lab File: BE091813.D

Acq: 19 May 2016 16:58

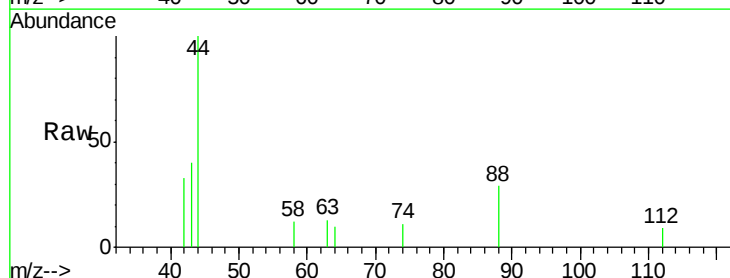
Tgt Ion: 42 Resp: 60

Ion Ratio Lower Upper

42 100

74 0.0 87.9 131.9#

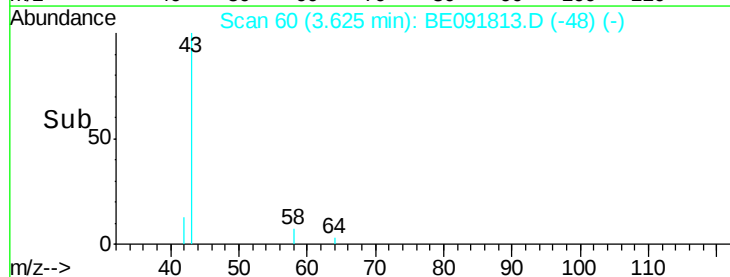
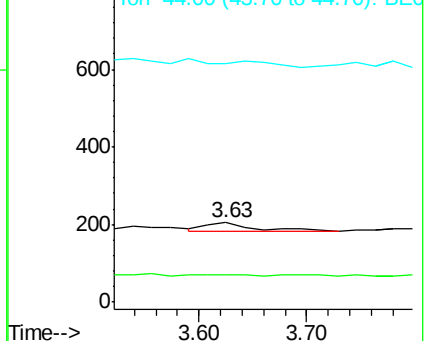
44 0.0 6.6 9.8#

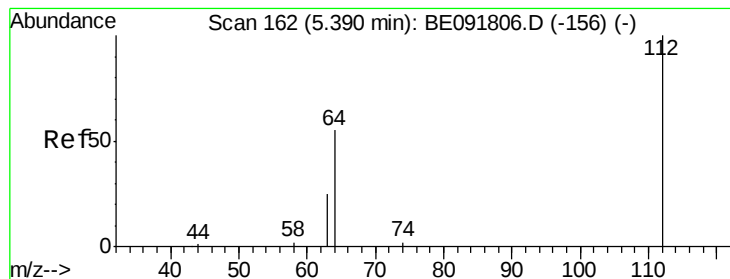


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 1.92 ng

RT: 5.39 min Scan# 162

Delta R.T. -0.00 min

Lab File: BE091813.D

Acq: 19 May 2016 16:58

Instrument :

BNA_E

ClientSampleId :

SS043MW039-160511

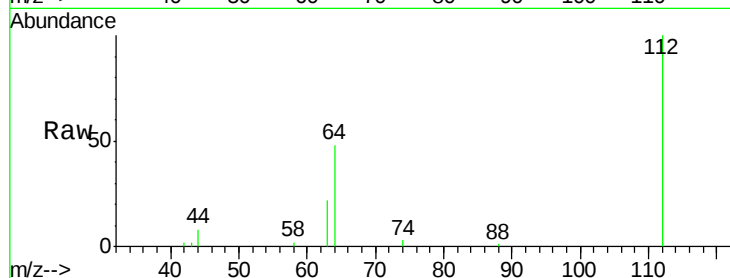
Tgt Ion: 112 Resp: 13462

Ion Ratio Lower Upper

112 100

64 66.6 30.9 46.3#

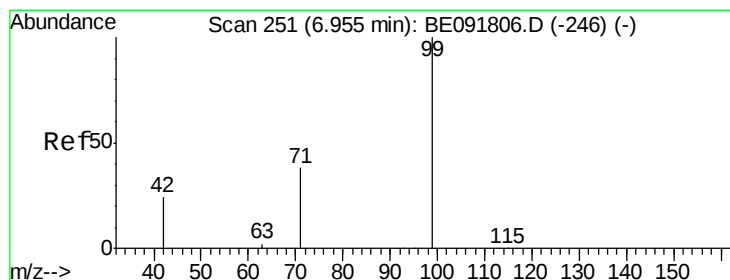
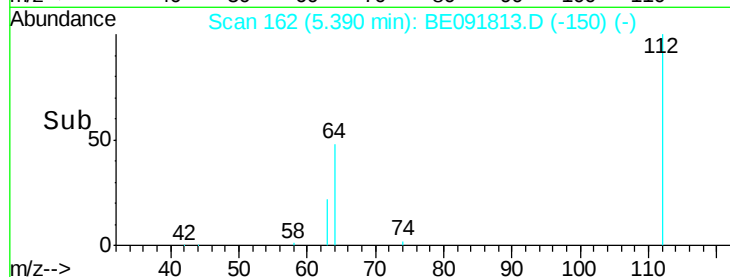
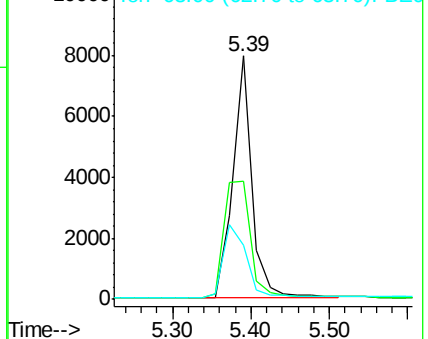
63 36.2 16.7 25.1#



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: 1.12 ng

RT: 6.95 min Scan# 251

Delta R.T. -0.00 min

Lab File: BE091813.D

Acq: 19 May 2016 16:58

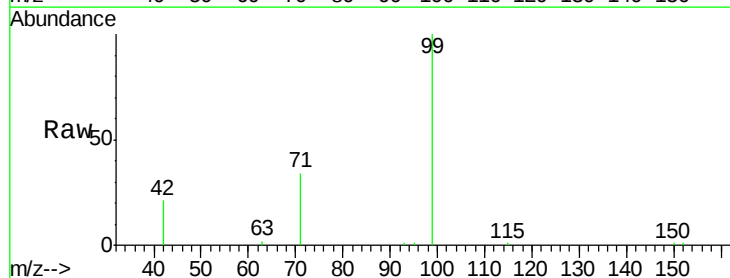
Tgt Ion: 99 Resp: 11086

Ion Ratio Lower Upper

99 100

42 24.0 16.2 24.2

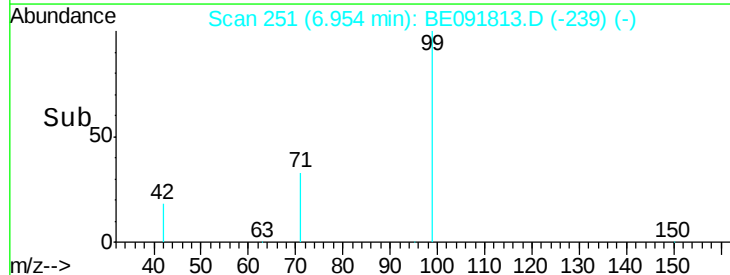
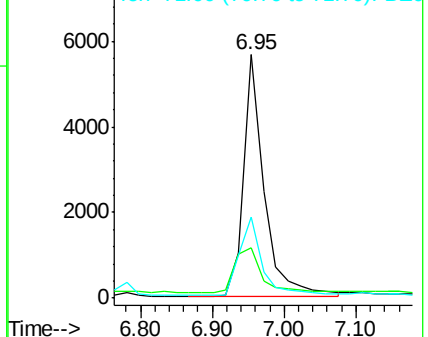
71 36.1 29.0 43.4

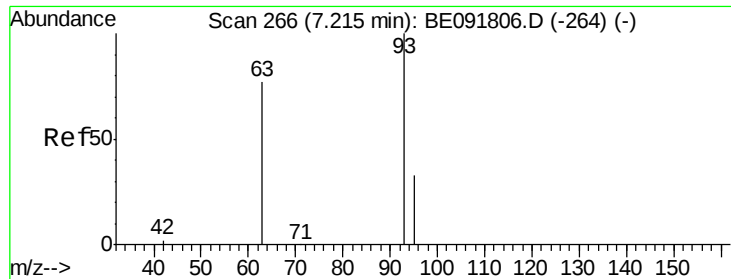


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.01 ng

RT: 7.13 min Scan# 261

Delta R.T. -0.09 min

Lab File: BE091813.D

Acq: 19 May 2016 16:58

Instrument :

BNA_E

ClientSampleId :

SS043MW039-160511

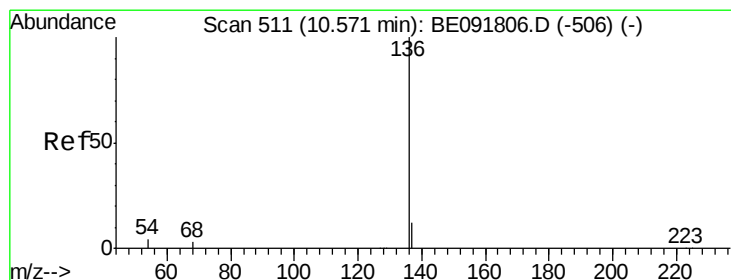
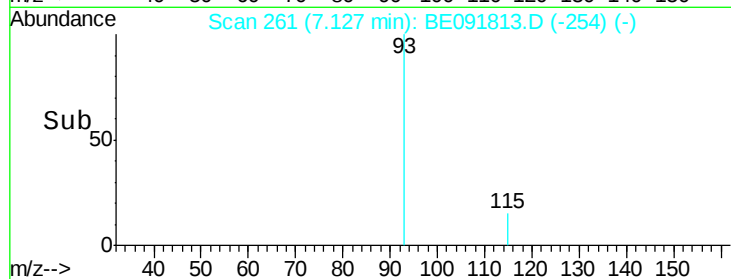
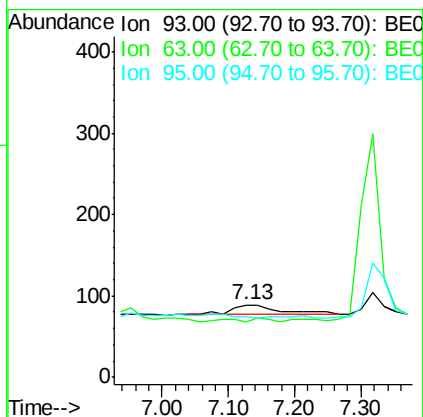
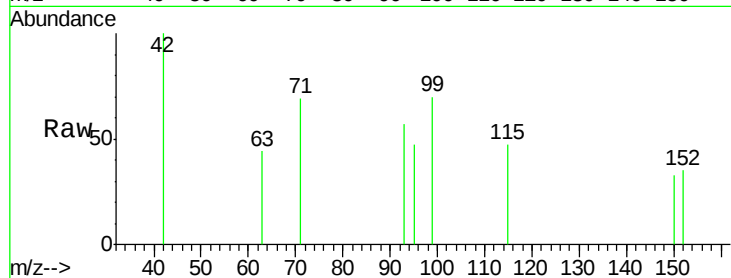
Tgt Ion: 93 Resp: 64

Ion Ratio Lower Upper

93 100

63 0.0 49.5 74.3#

95 0.0 22.2 33.4#



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.55 min Scan# 510

Delta R.T. -0.02 min

Lab File: BE091813.D

Acq: 19 May 2016 16:58

Tgt Ion: 136 Resp: 134200

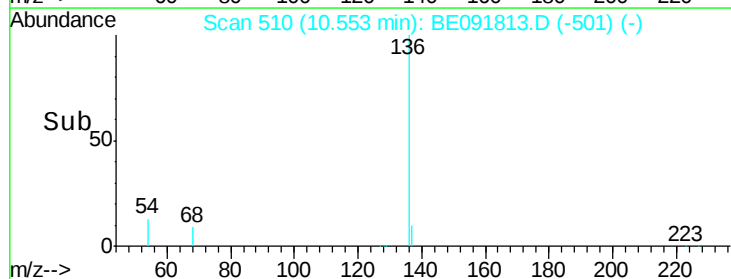
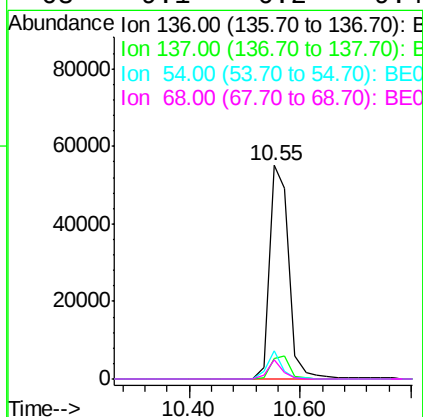
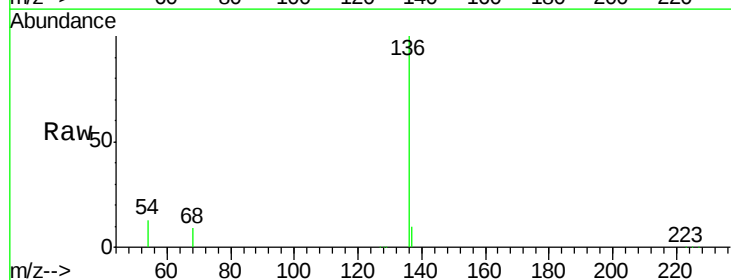
Ion Ratio Lower Upper

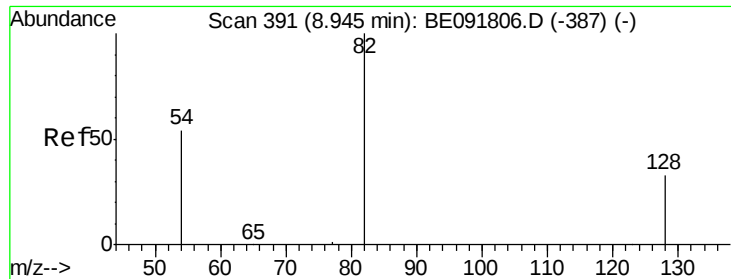
136 100

137 9.9 8.9 13.3

54 13.4 8.2 12.4#

68 9.1 6.2 9.4





#8

Nitrobenzene-d5

Concen: 2.84 ng

RT: 8.95 min Scan# 391

Delta R.T. -0.00 min

Lab File: BE091813.D

Acq: 19 May 2016 16:58

Instrument :

BNA_E

ClientSampleId :

SS043MW039-160511

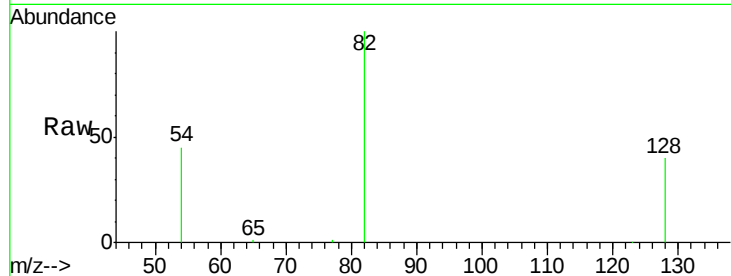
Tgt Ion: 82 Resp: 25284

Ion Ratio Lower Upper

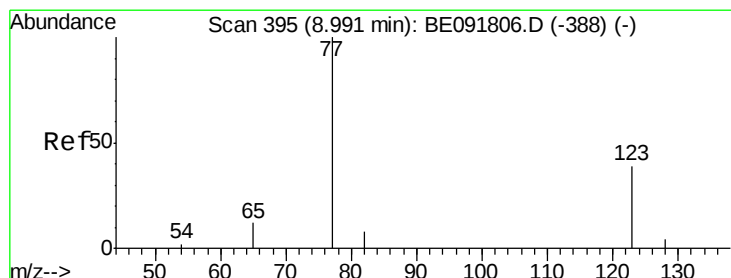
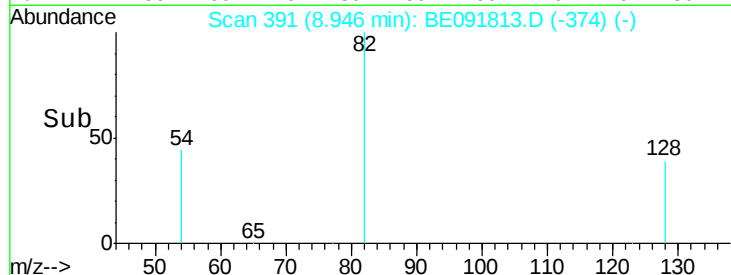
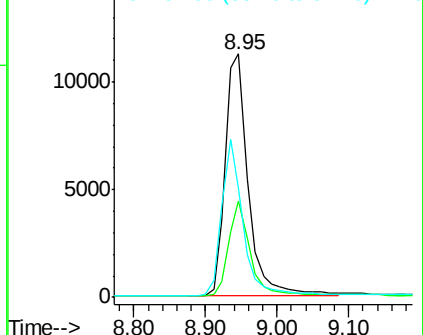
82 100

128 39.5 25.4 38.0#

54 44.6 48.4 72.6#



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



#9

Nitrobenzene

Concen: 0.01 ng

RT: 8.95 min Scan# 391

Delta R.T. -0.05 min

Lab File: BE091813.D

Acq: 19 May 2016 16:58

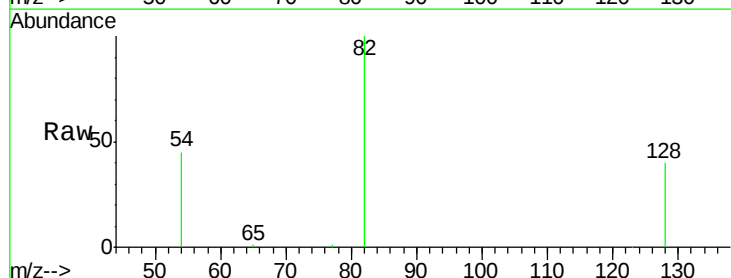
Tgt Ion: 77 Resp: 108

Ion Ratio Lower Upper

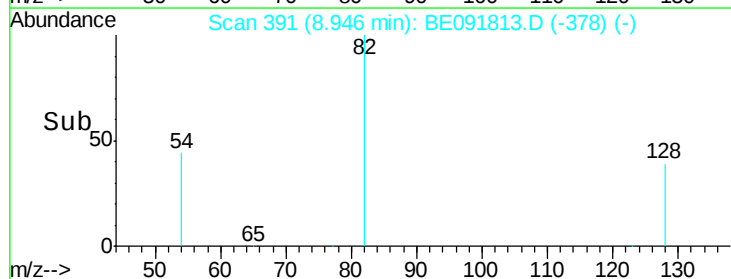
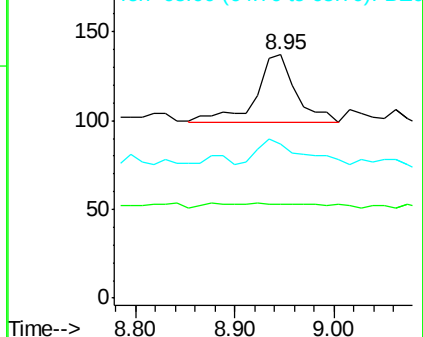
77 100

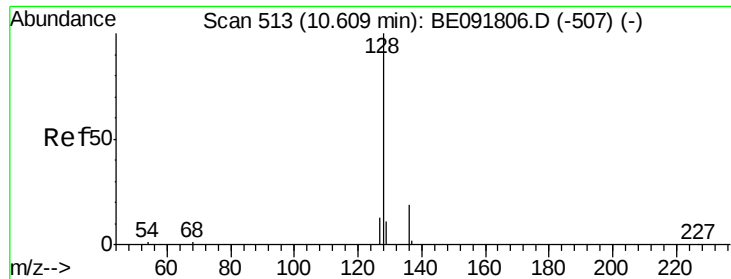
123 0.0 26.9 40.3#

65 40.7 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

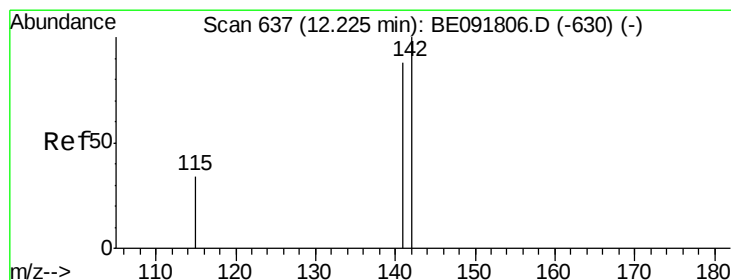
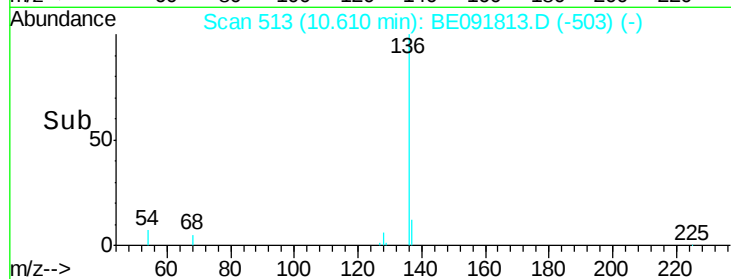
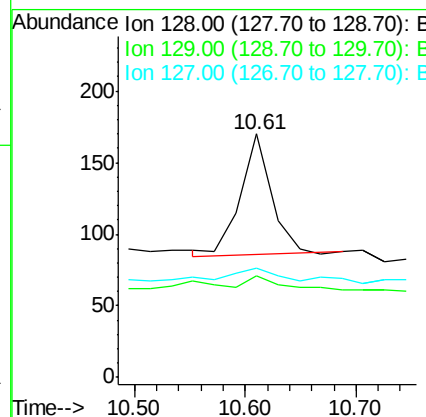
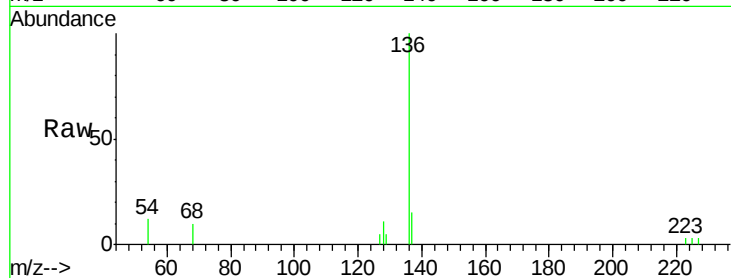




#10
Naphthalene
Concen: 0.01 ng
RT: 10.61 min Scan# 513
Delta R.T. 0.00 min
Lab File: BE091813.D
Acq: 19 May 2016 16:58

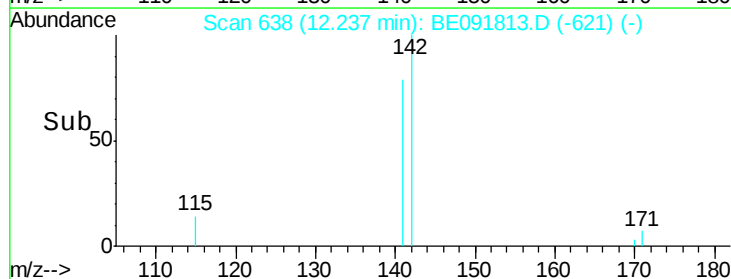
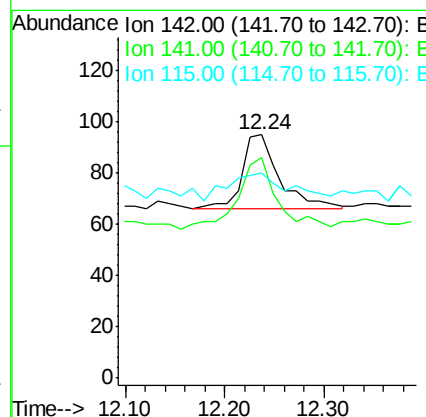
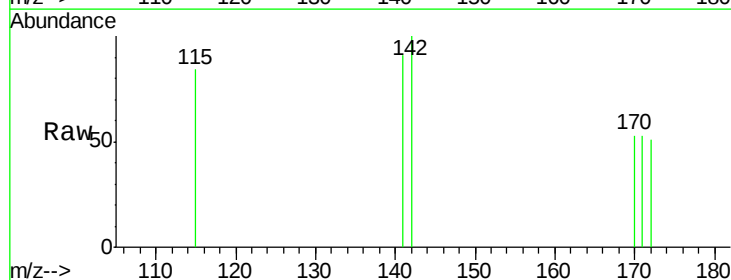
Instrument :
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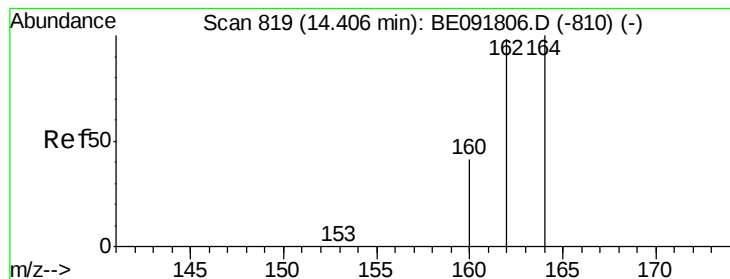
Tgt Ion:128 Resp: 166
Ion Ratio Lower Upper
128 100
129 41.8 9.3 13.9#
127 44.7 10.7 16.1#



#12
2-Methylnaphthalene
Concen: 0.00 ng
RT: 12.24 min Scan# 638
Delta R.T. 0.00 min
Lab File: BE091813.D
Acq: 19 May 2016 16:58

Tgt Ion:142 Resp: 76
Ion Ratio Lower Upper
142 100
141 90.5 71.4 107.0
115 84.2 30.3 45.5#





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.40 min Scan# 819

Delta R.T. -0.01 min

Lab File: BE091813.D

Acq: 19 May 2016 16:58

Instrument :

BNA_E

ClientSampleId :

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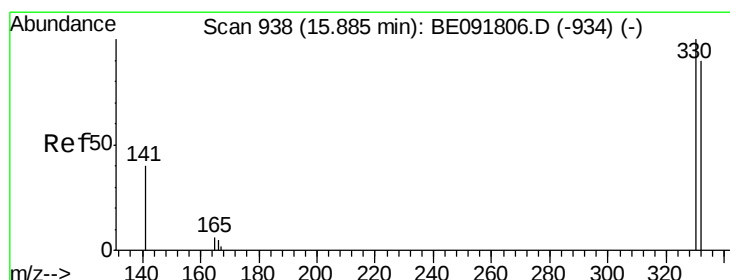
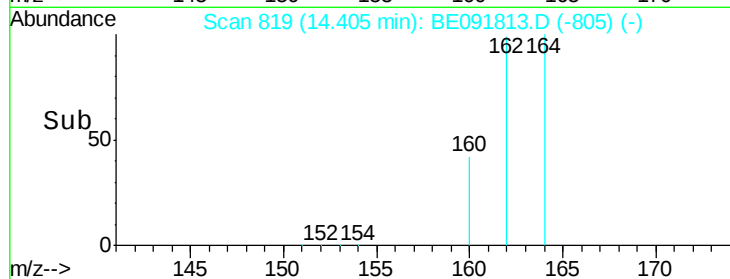
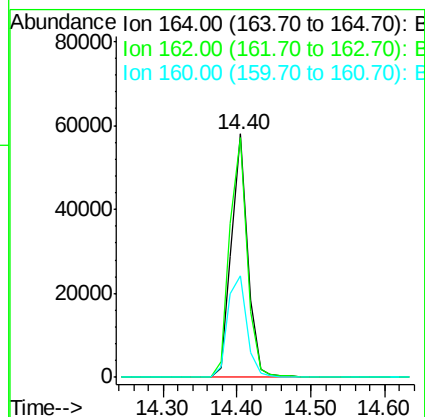
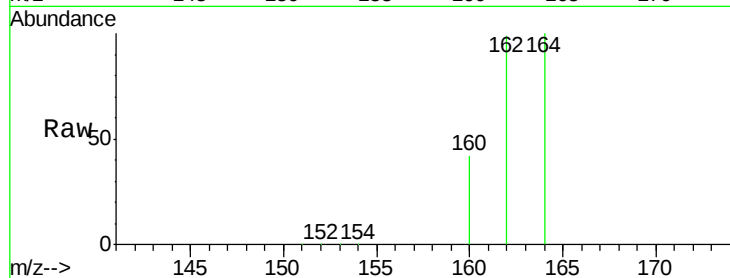
Tgt Ion:164 Resp: 89821

Ion Ratio Lower Upper

164 100

162 98.6 85.3 127.9

160 41.7 46.2 69.2#



#14

2,4,6-Tribromophenol

Concen: 6.90 ng

RT: 15.88 min Scan# 938

Delta R.T. -0.01 min

Lab File: BE091813.D

Acq: 19 May 2016 16:58

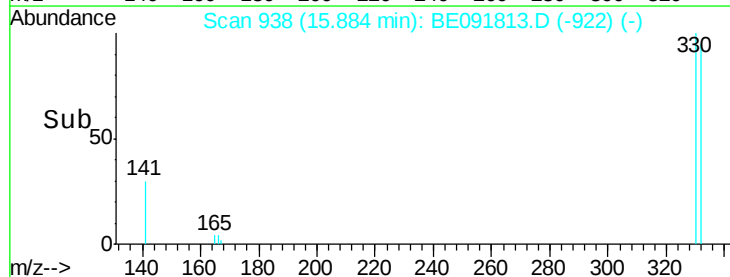
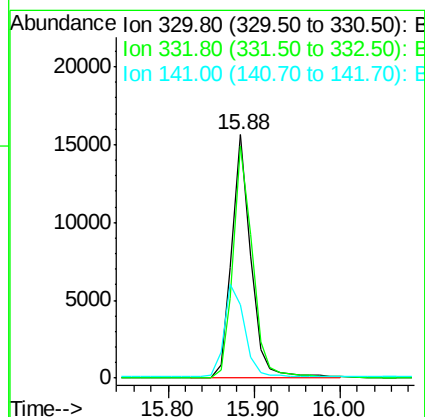
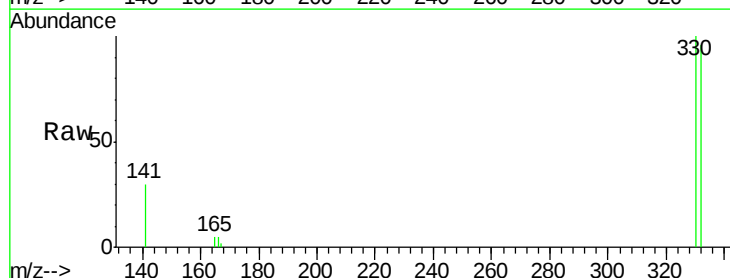
Tgt Ion:330 Resp: 24073

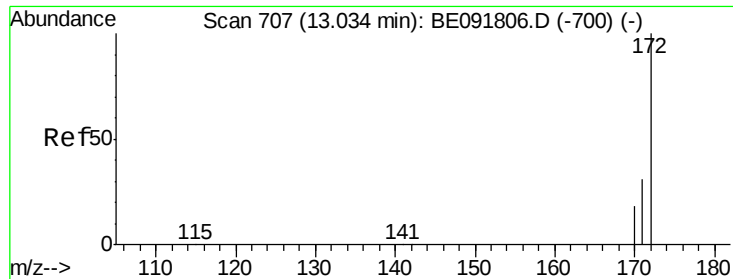
Ion Ratio Lower Upper

330 100

332 97.0 79.1 118.7

141 41.8 125.4 188.0#

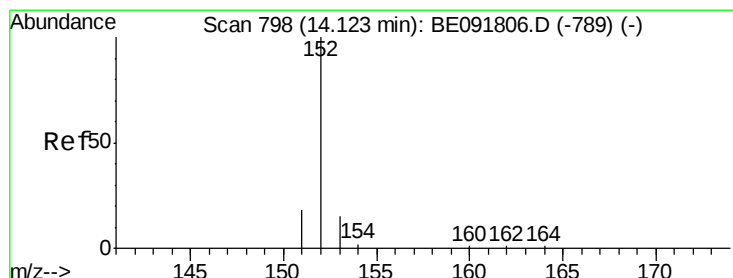
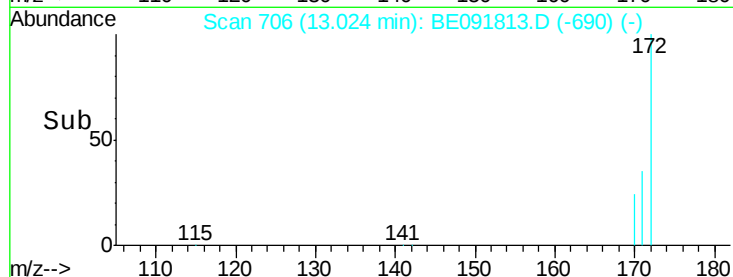
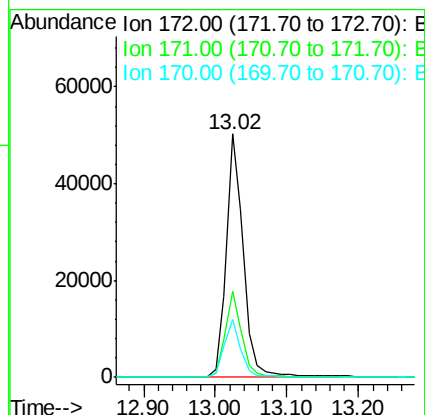
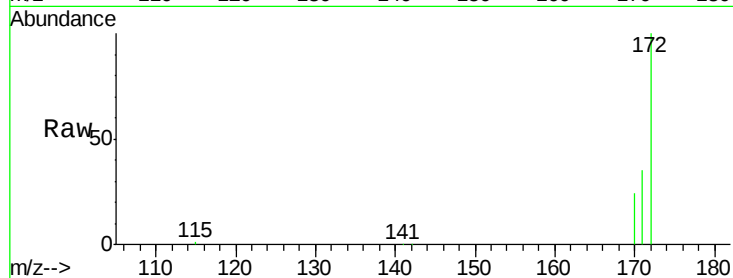




#15
2-Fluorobiphenyl
Concen: 3.26 ng
RT: 13.02 min Scan# 706
Delta R.T. -0.01 min
Lab File: BE091813.D
Acq: 19 May 2016 16:58

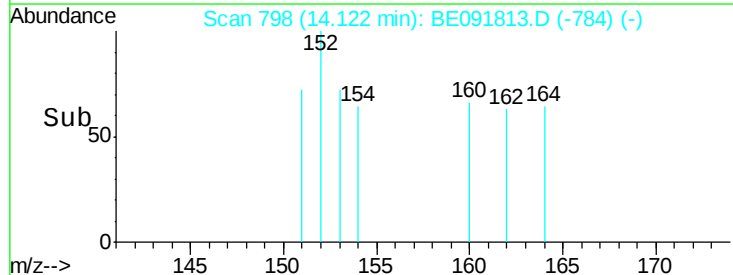
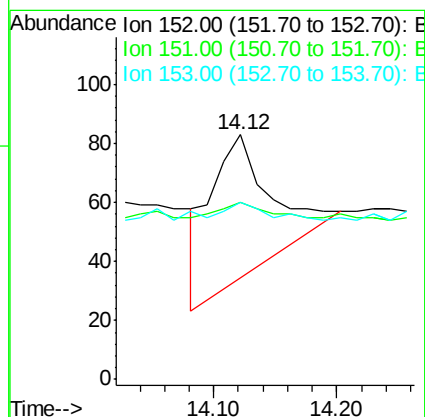
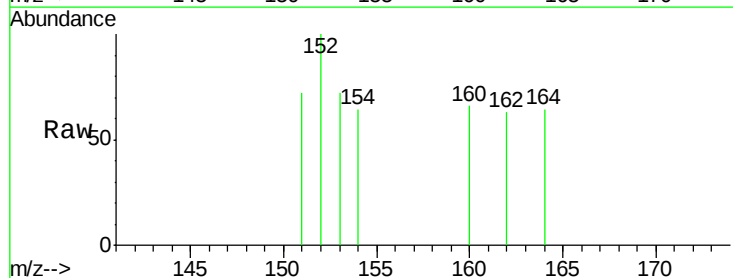
Instrument :
BNA_E
ClientSampleId :
SS043MW039-160511

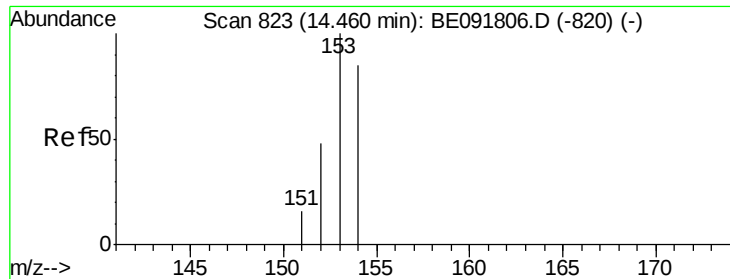
Tgt Ion:172 Resp: 82925
Ion Ratio Lower Upper
172 100
171 35.2 28.8 43.2
170 23.7 19.3 28.9



#16
Acenaphthylene
Concen: 0.00 ng
RT: 14.12 min Scan# 798
Delta R.T. -0.00 min
Lab File: BE091813.D
Acq: 19 May 2016 16:58

Tgt Ion:152 Resp: 172
Ion Ratio Lower Upper
152 100
151 0.0 3.9 5.9#
153 0.0 10.3 15.5#





#17

Acenaphthene

Concen: 0.00 ng

RT: 14.46 min Scan# 823

Delta R.T. -0.01 min

Lab File: BE091813.D

Acq: 19 May 2016 16:58

Instrument :

BNA_E

ClientSampleId :

SS043MW039-160511

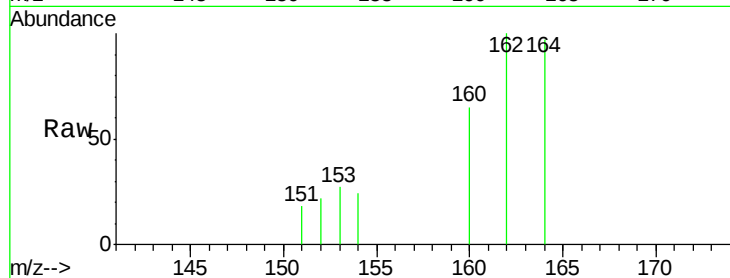
Tgt Ion:154 Resp: 51

Ion Ratio Lower Upper

154 100

153 121.6 80.0 120.0#

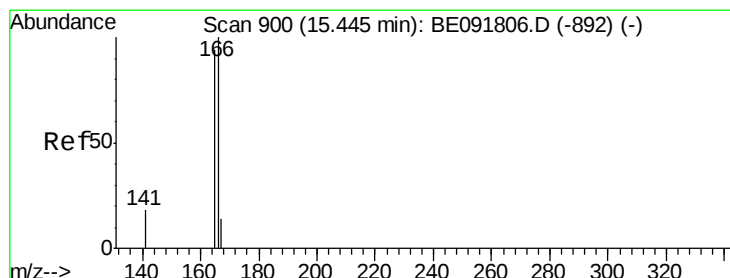
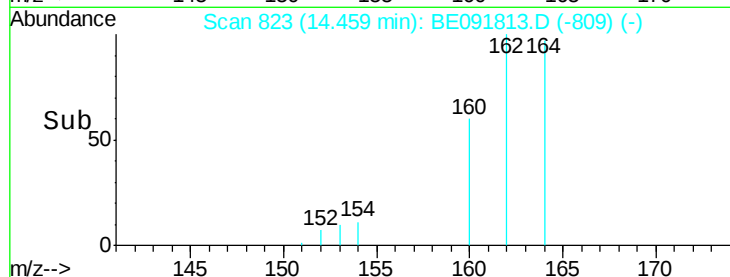
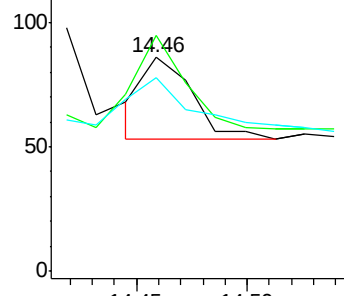
152 107.8 40.0 60.0#



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: 0.00 ng

RT: 15.44 min Scan# 900

Delta R.T. -0.01 min

Lab File: BE091813.D

Acq: 19 May 2016 16:58

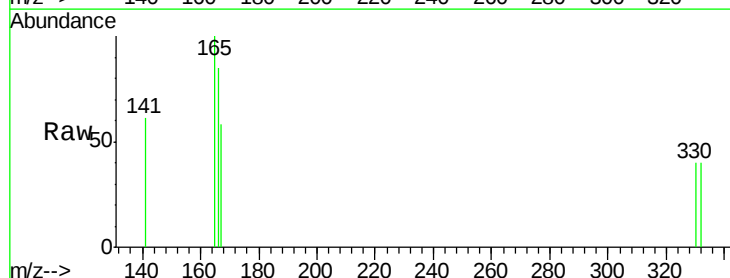
Tgt Ion:166 Resp: 83

Ion Ratio Lower Upper

166 100

165 127.7 80.8 121.2#

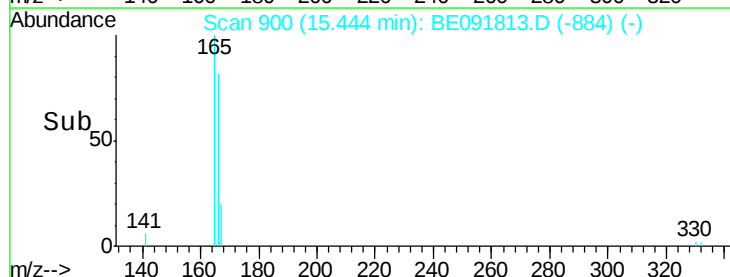
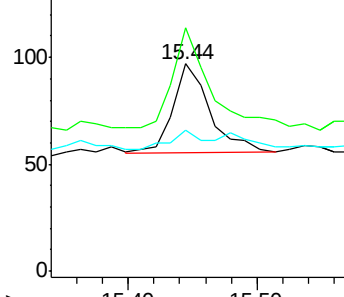
167 19.3 10.9 16.3#

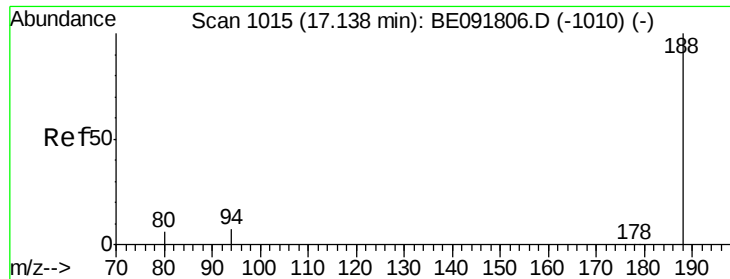


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.14 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BE091813.D

Acq: 19 May 2016 16:58

Instrument :

BNA_E

ClientSampleId :

SS043MW039-160511

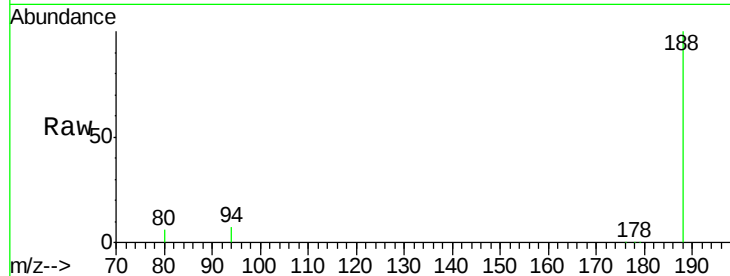
Tgt Ion:188 Resp: 247096

Ion Ratio Lower Upper

188 100

94 7.2 8.7 13.1#

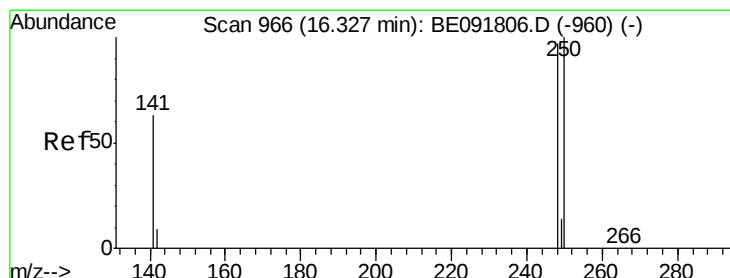
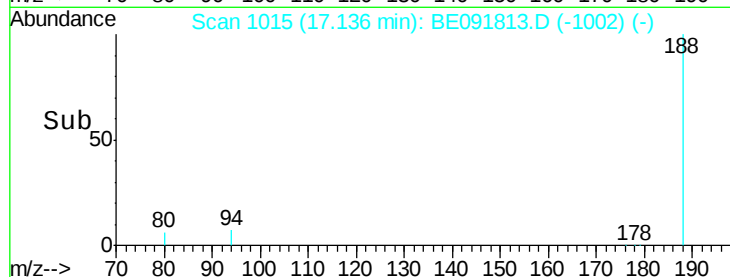
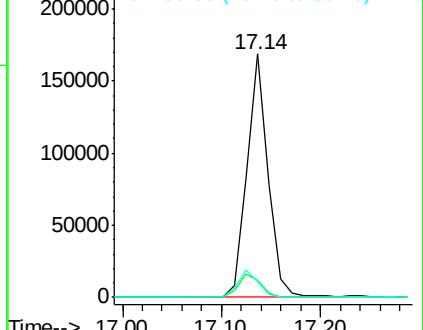
80 6.5 9.4 14.0#



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



#20

4-Bromophenyl-phenylether

Concen: 0.00 ng

RT: 16.33 min Scan# 966

Delta R.T. -0.00 min

Lab File: BE091813.D

Acq: 19 May 2016 16:58

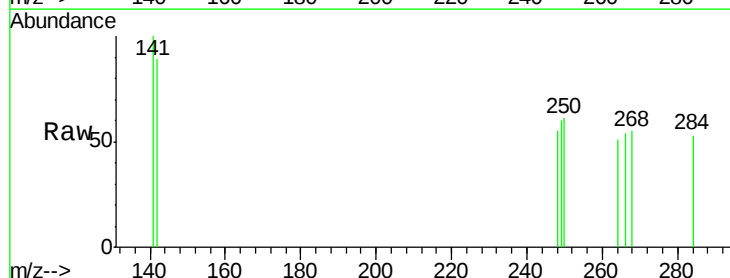
Tgt Ion:248 Resp: 3

Ion Ratio Lower Upper

248 100

250 500.0 80.5 120.7#

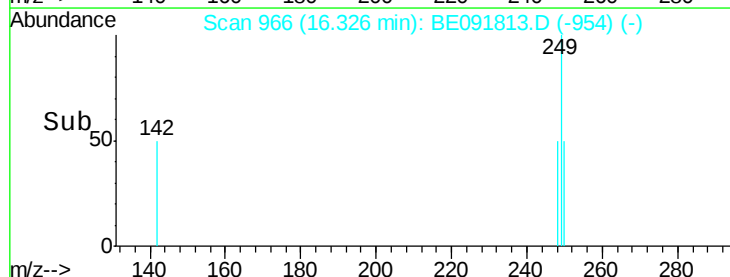
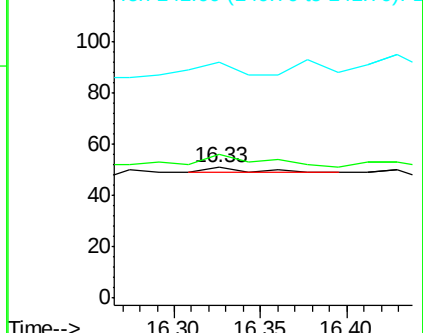
141 366.7 72.0 108.0#

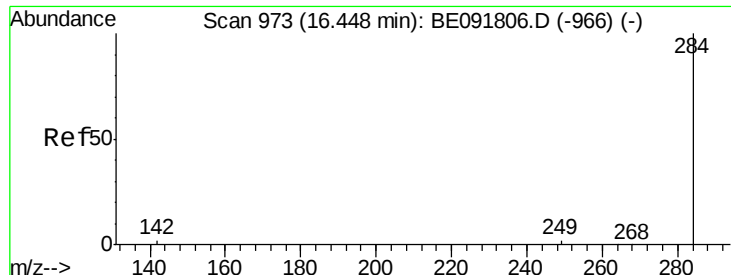


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

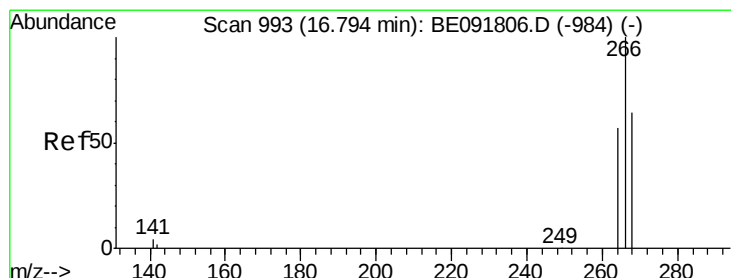
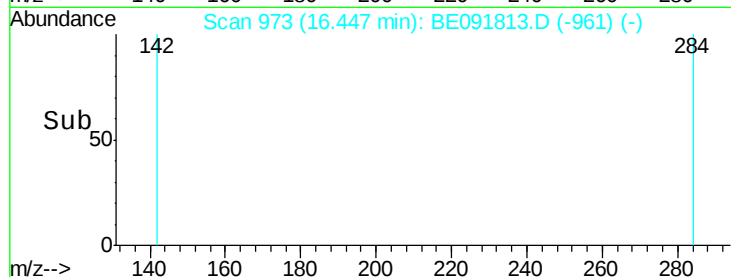
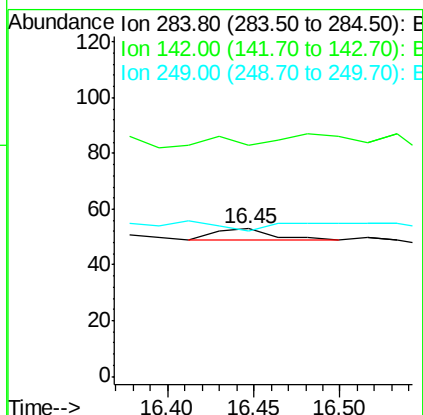
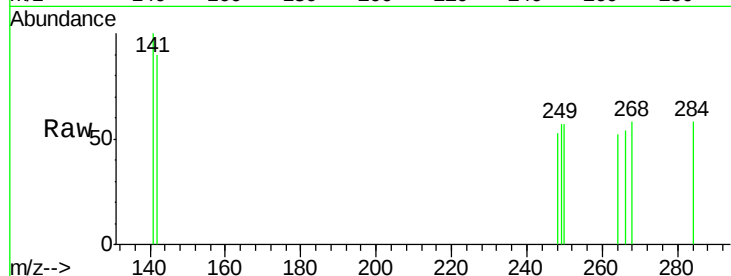




#21
Hexachlorobenzene
Concen: 0.00 ng
RT: 16.45 min Scan# 973
Delta R.T. -0.00 min
Lab File: BE091813.D
Acq: 19 May 2016 16:58

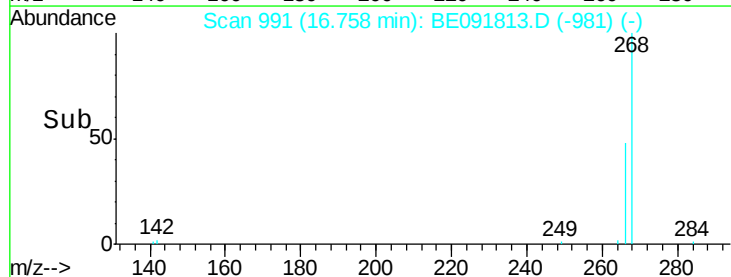
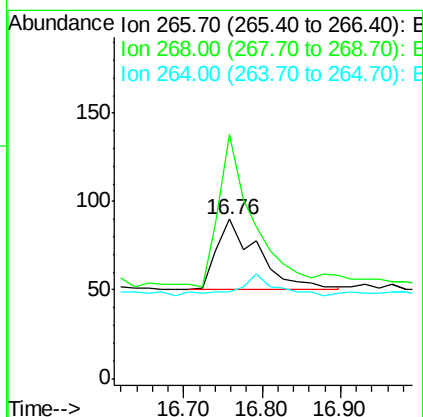
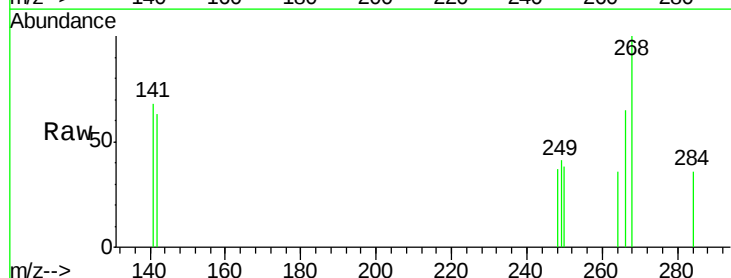
Instrument :
BNA_E
ClientSampleId :
SS043MW039-160511

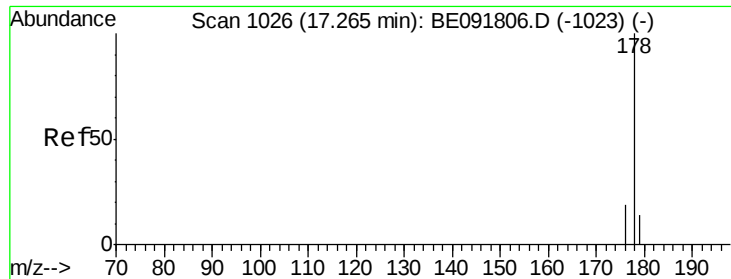
Tgt Ion: 284 Resp: 9
Ion Ratio Lower Upper
284 100
142 55.6 32.2 48.2#
249 0.0 25.4 38.2#



#22
Pentachlorophenol
Concen: 0.04 ng
RT: 16.76 min Scan# 991
Delta R.T. -0.03 min
Lab File: BE091813.D
Acq: 19 May 2016 16:58

Tgt Ion: 266 Resp: 151
Ion Ratio Lower Upper
266 100
268 153.3 58.2 87.2#
264 54.4 56.2 84.4#





#23

Phenanthrene

Concen: Below Cal

RT: 17.17 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BE091813.D

Acq: 19 May 2016 16:58

Instrument :

BNA_E

ClientSampleId :

SS043MW039-160511

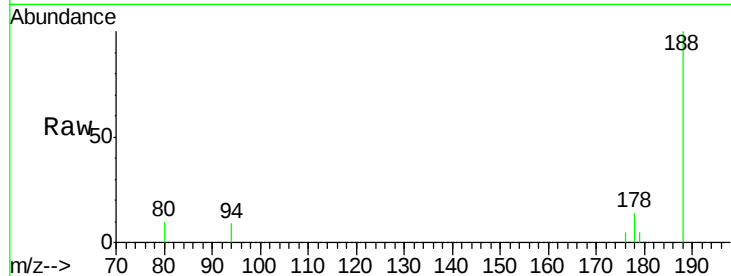
Tgt Ion:178 Resp: 877

Ion Ratio Lower Upper

178 100

176 19.3 15.3 22.9

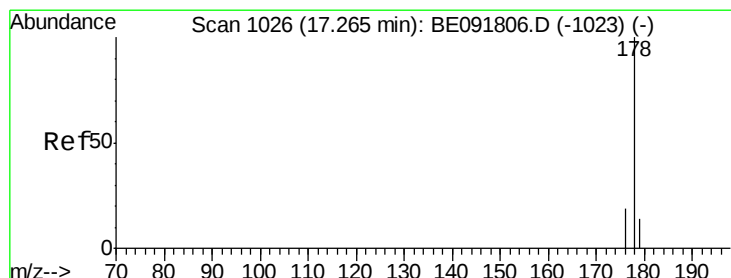
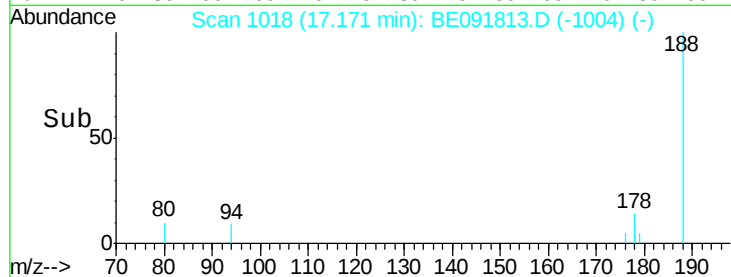
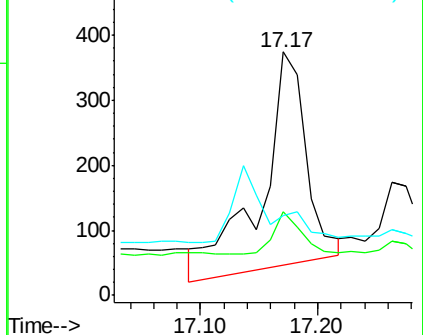
179 0.0 12.6 18.8#



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: 0.00 ng

RT: 17.26 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BE091813.D

Acq: 19 May 2016 16:58

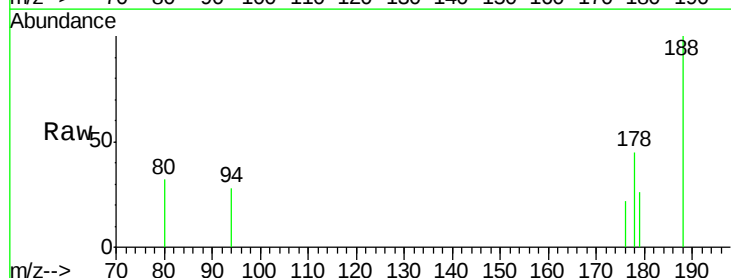
Tgt Ion:178 Resp: 207

Ion Ratio Lower Upper

178 100

176 17.9 14.6 21.8

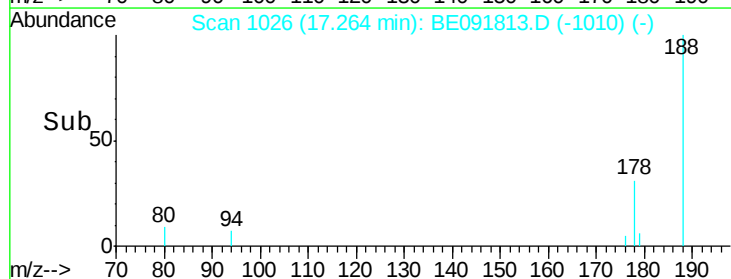
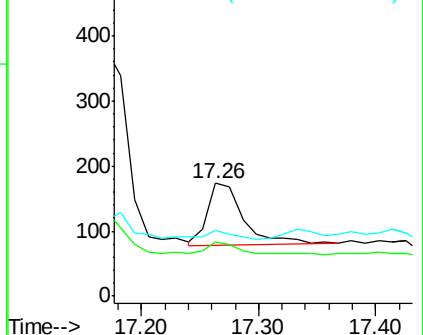
179 9.2 11.8 17.6#

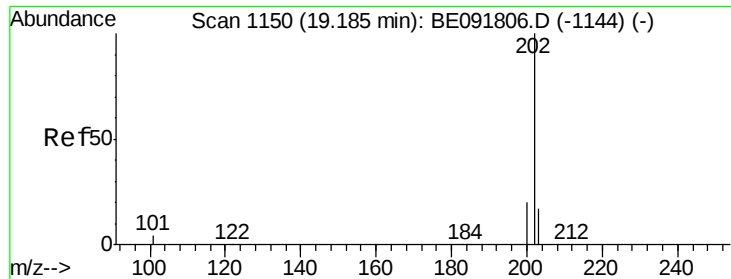


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene

Concen: 0.01 ng

RT: 19.19 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BE091813.D

Acq: 19 May 2016 16:58

Instrument :

BNA_E

ClientSampleId :

SS043MW039-160511

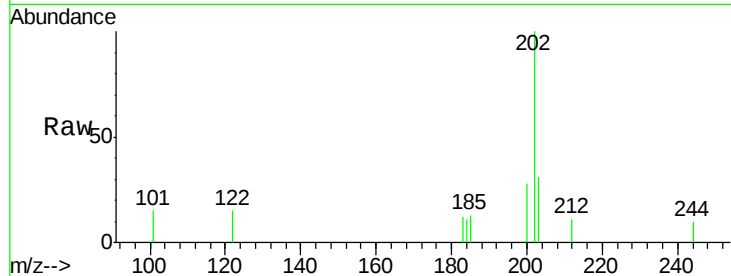
Tgt Ion:202 Resp: 775

Ion Ratio Lower Upper

202 100

101 11.6 11.0 16.6

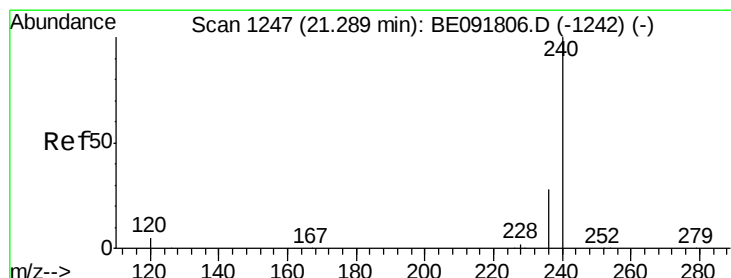
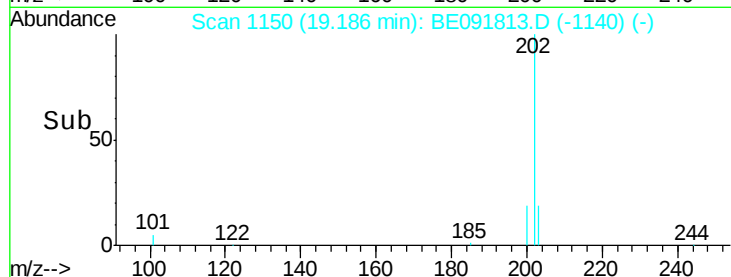
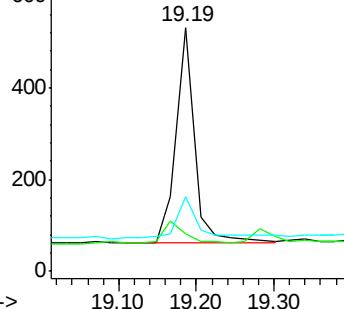
203 22.6 13.9 20.9#



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: 21.29 min Scan# 1247

Delta R.T. -0.02 min

Lab File: BE091813.D

Acq: 19 May 2016 16:58

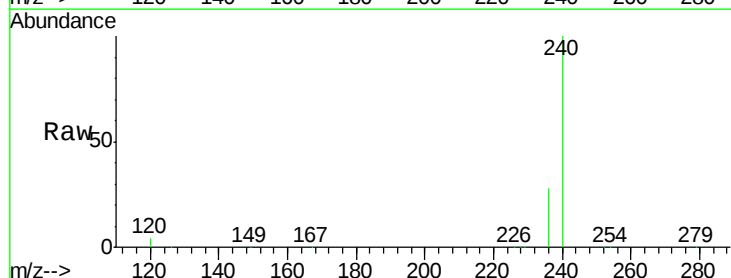
Tgt Ion:240 Resp: 353286

Ion Ratio Lower Upper

240 100

120 4.1 11.0 16.4#

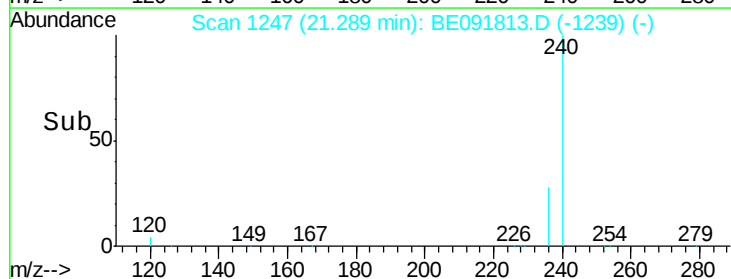
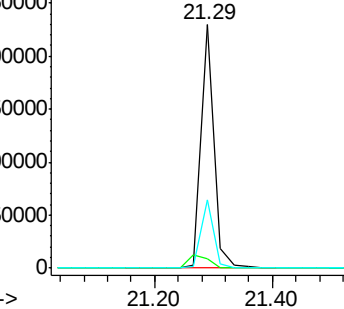
236 28.1 21.7 32.5

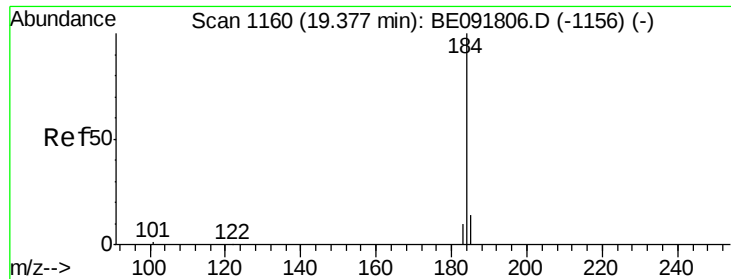


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 0.14 ng

RT: 19.74 min Scan# 1179

Delta R.T. 0.37 min

Lab File: BE091813.D

Acq: 19 May 2016 16:58

Instrument :

BNA_E

ClientSampleId :

SS043MW039-160511

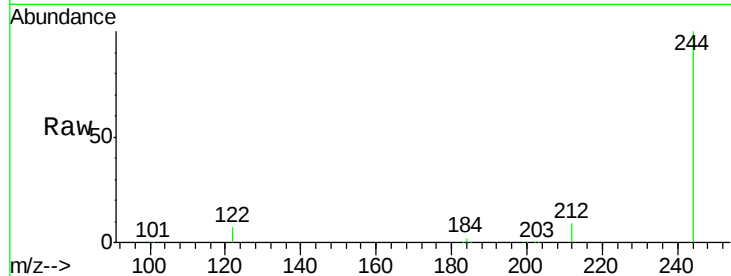
Tgt Ion:184 Resp: 3433

Ion Ratio Lower Upper

184 100

185 22.1 22.3 33.5#

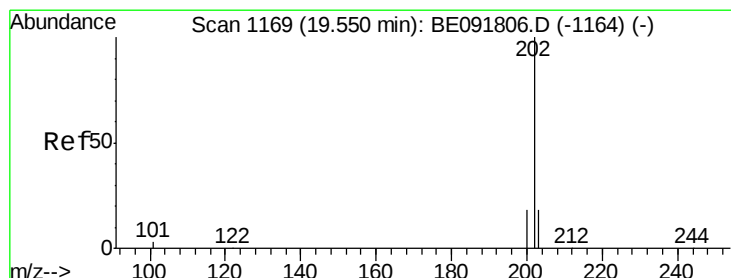
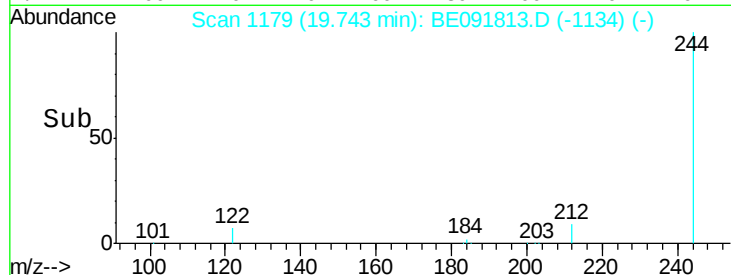
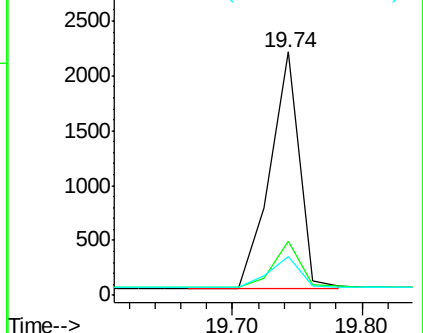
183 16.2 16.4 24.6#



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: 0.01 ng

RT: 19.55 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BE091813.D

Acq: 19 May 2016 16:58

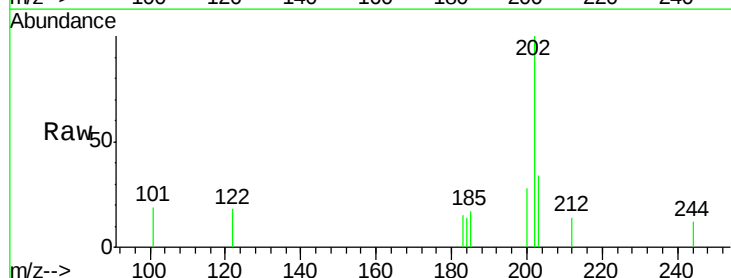
Tgt Ion:202 Resp: 836

Ion Ratio Lower Upper

202 100

200 23.3 16.8 25.2

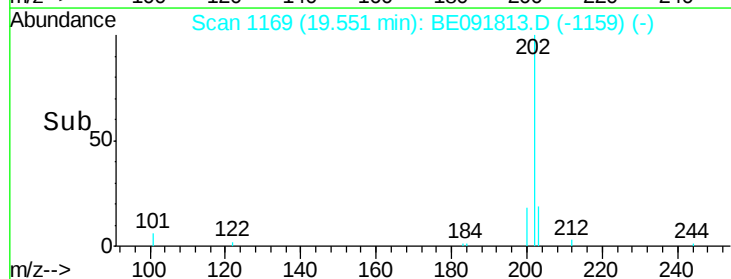
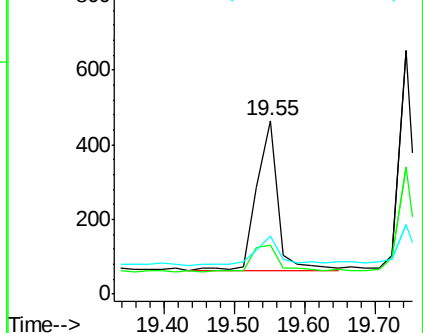
203 25.5 14.0 21.0#

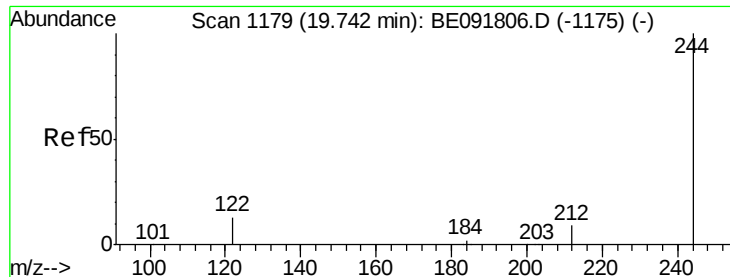


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 4.32 ng

RT: 19.74 min Scan# 1179

Delta R.T. -0.02 min

Lab File: BE091813.D

Acq: 19 May 2016 16:58

Instrument :

BNA_E

ClientSampleId :

SS043MW039-160511

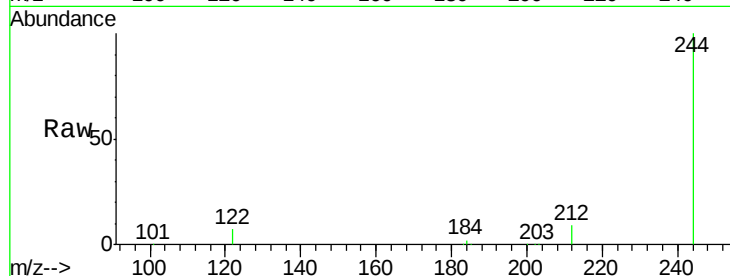
Tgt Ion:244 Resp: 215875

Ion Ratio Lower Upper

244 100

212 8.9 6.9 10.3

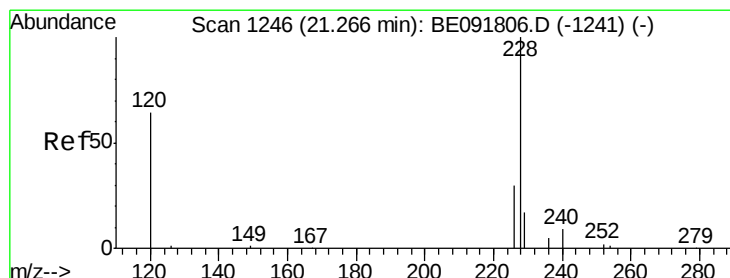
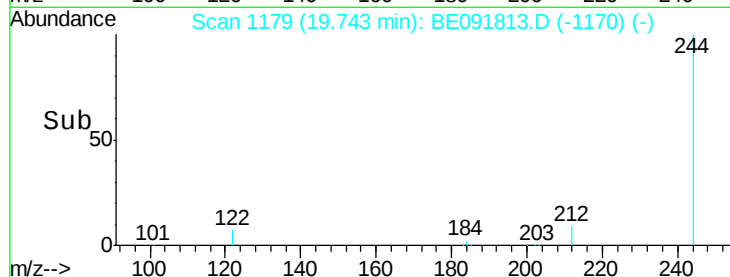
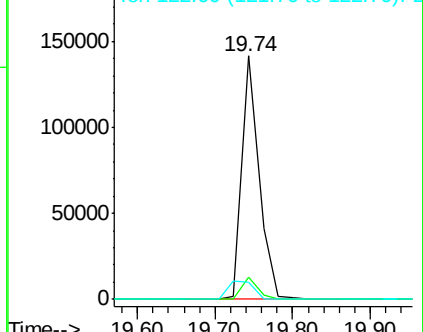
122 7.1 11.0 16.4#



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: 0.02 ng

RT: 21.29 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BE091813.D

Acq: 19 May 2016 16:58

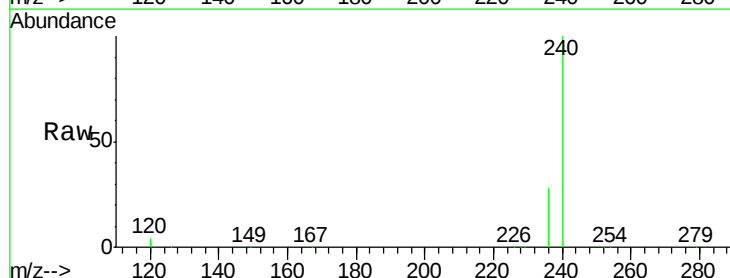
Tgt Ion:228 Resp: 2102

Ion Ratio Lower Upper

228 100

226 18.8 21.0 31.4#

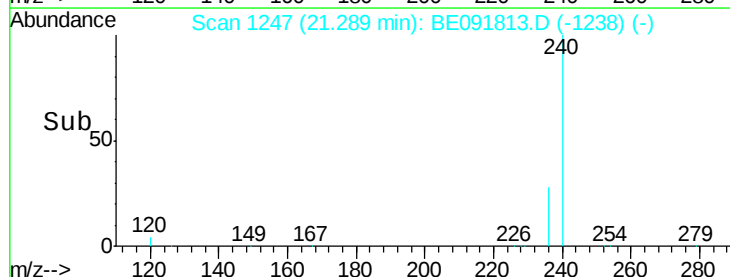
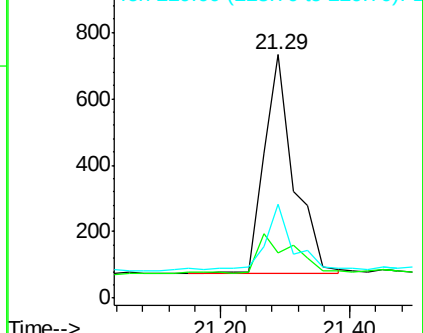
229 38.6 15.7 23.5#

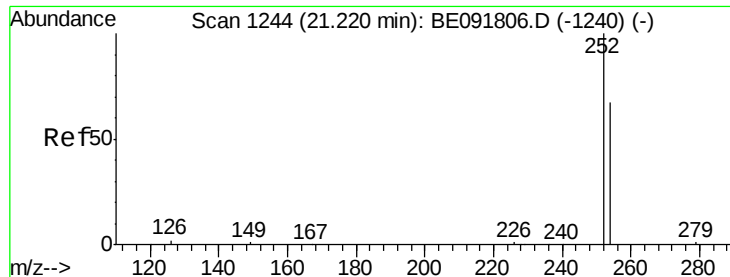


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

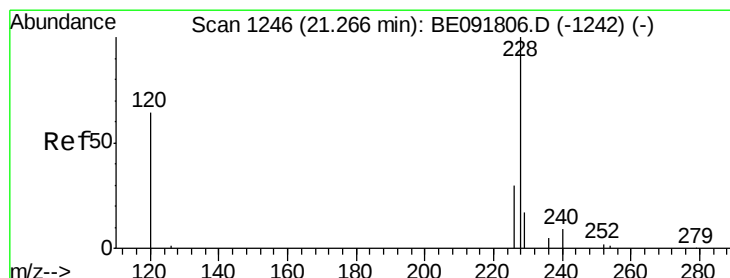
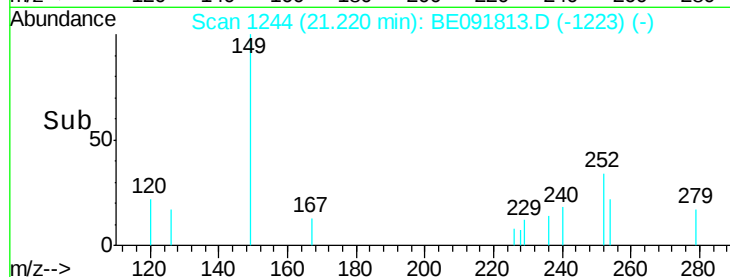
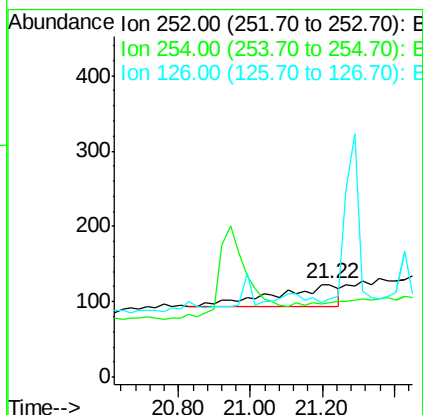
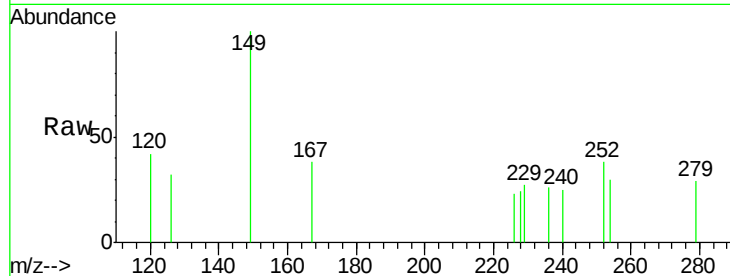




#31
 3,3'-Dichlorobenzidine
 Concen: 0.01 ng
 RT: 21.22 min Scan# 1244
 Delta R.T. -0.02 min
 Lab File: BE091813.D
 Acq: 19 May 2016 16:58

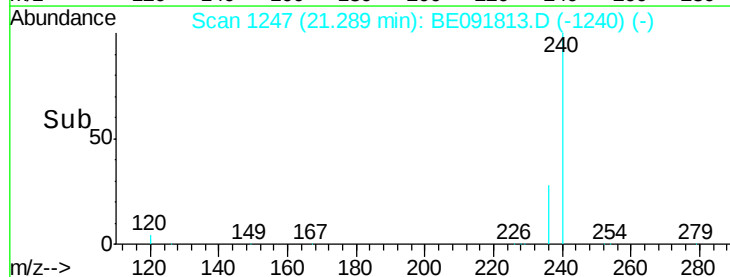
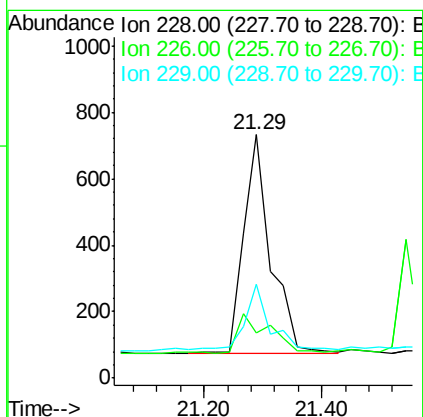
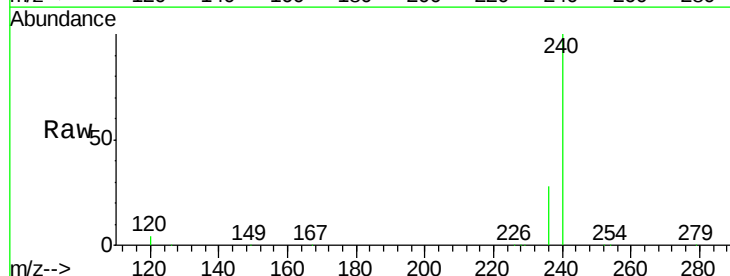
Instrument :
 BNA_E
 ClientSampleId :
 SS043MW039-160511

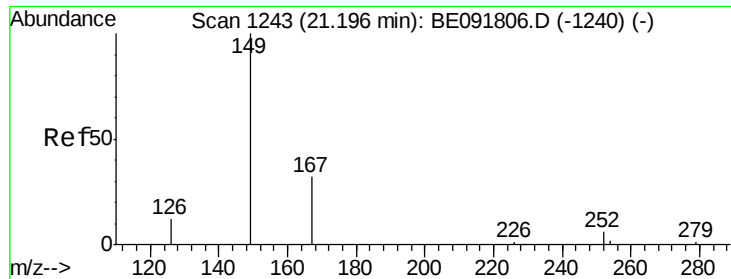
Tgt Ion: 252 Resp: 368
 Ion Ratio Lower Upper
 252 100
 254 80.5 51.1 76.7#
 126 84.6 12.6 18.8#



#32
 Chrysene
 Concen: 0.07 ng
 RT: 21.29 min Scan# 1247
 Delta R.T. -0.04 min
 Lab File: BE091813.D
 Acq: 19 May 2016 16:58

Tgt Ion: 228 Resp: 2126
 Ion Ratio Lower Upper
 228 100
 226 18.8 24.0 36.0#
 229 38.6 15.9 23.9#

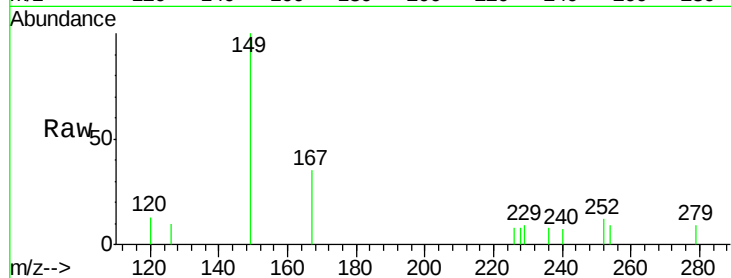




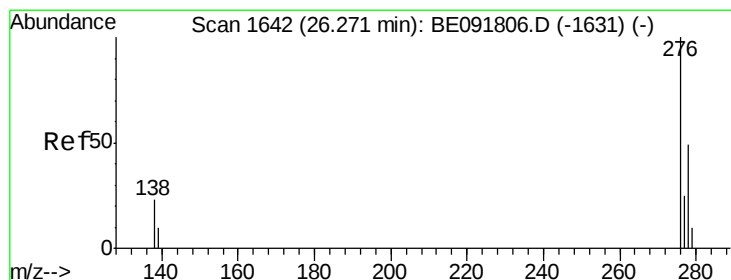
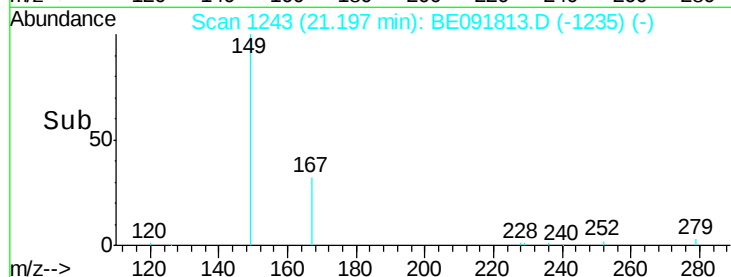
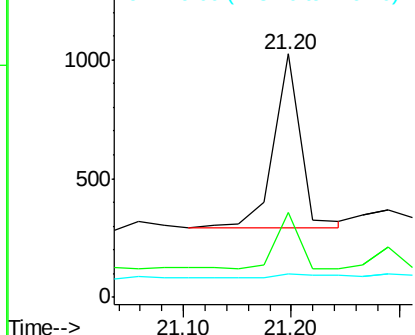
#33
 Bis(2-ethylhexyl)phthalate
 Concen: 0.27 ng
 RT: 21.20 min Scan# 1243
 Delta R.T. -0.02 min
 Lab File: BE091813.D
 Acq: 19 May 2016 16:58

Instrument :
 BNA_E
 ClientSampleId :
 SS043MW039-160511

Tgt Ion:149 Resp: 1284
 Ion Ratio Lower Upper
 149 100
 167 28.3 19.5 29.3
 279 4.4 10.0 15.0#

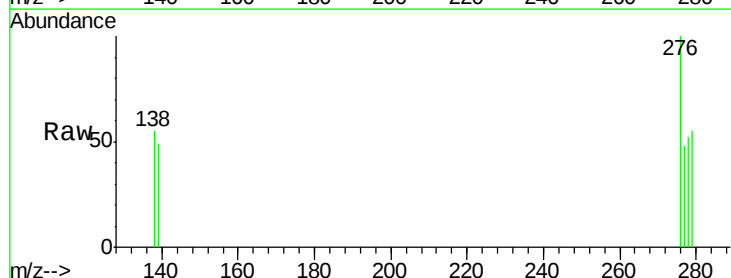


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

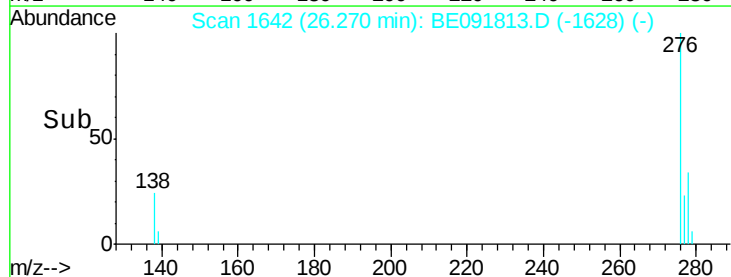
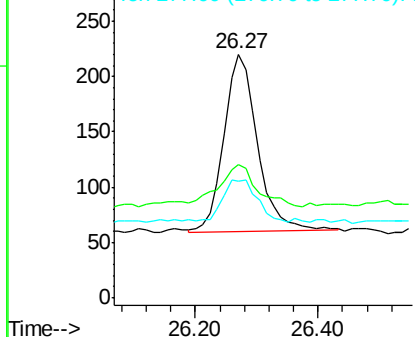


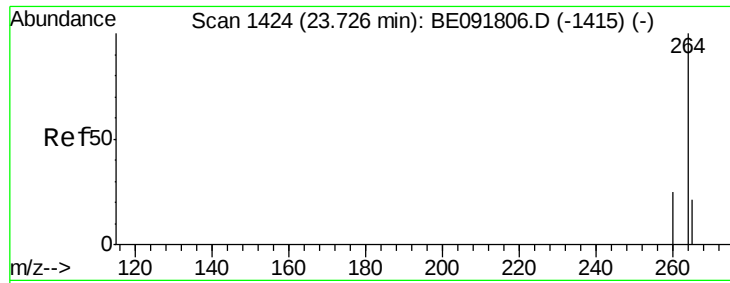
#34
 Indeno(1,2,3-cd)pyrene
 Concen: 0.01 ng
 RT: 26.27 min Scan# 1642
 Delta R.T. -0.03 min
 Lab File: BE091813.D
 Acq: 19 May 2016 16:58

Tgt Ion:276 Resp: 611
 Ion Ratio Lower Upper
 276 100
 138 27.2 23.4 35.2
 277 25.4 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

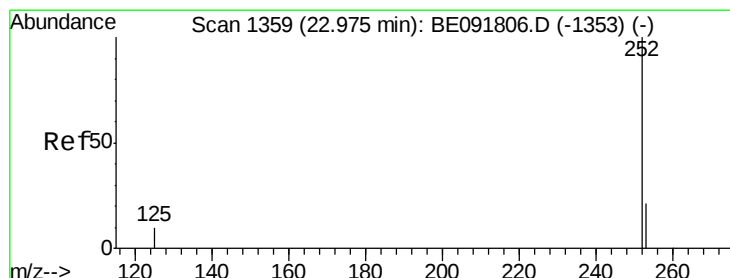
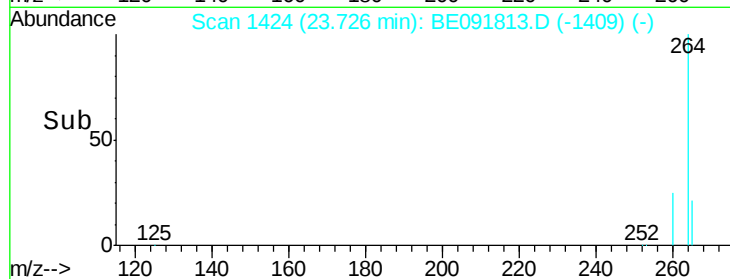
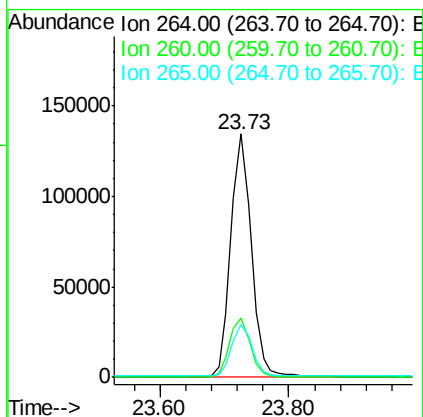
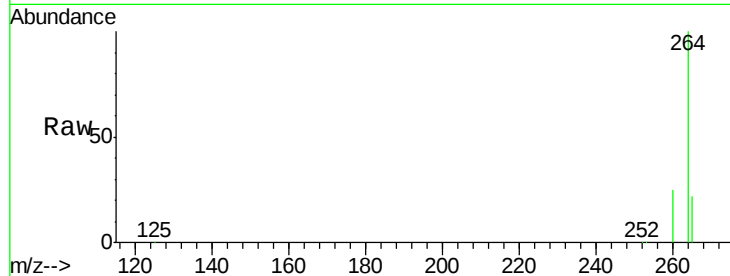




#35
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.73 min Scan# 1424
 Delta R.T. -0.02 min
 Lab File: BE091813.D
 Acq: 19 May 2016 16:58

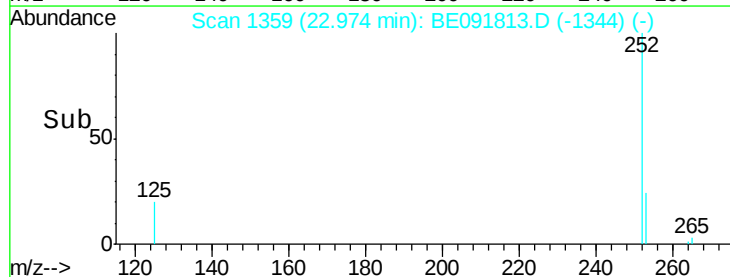
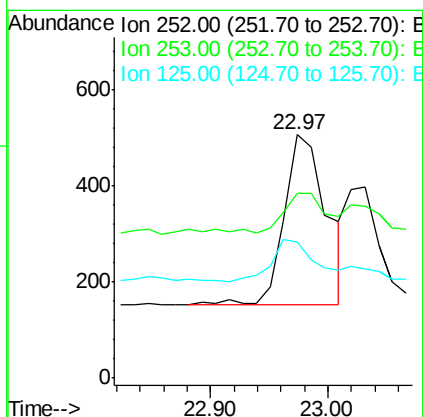
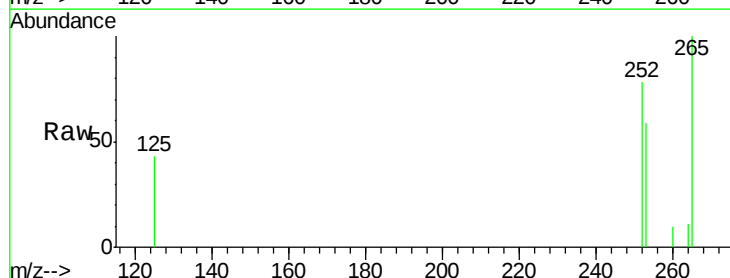
Instrument :
 BNA_E
 ClientSampleId :
 SS043MW039-160511

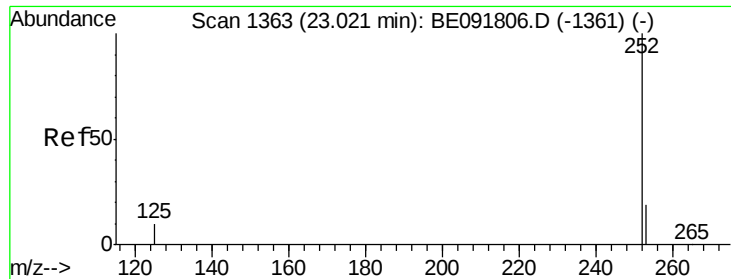
Tgt Ion: 264 Resp: 297776
 Ion Ratio Lower Upper
 264 100
 260 24.6 20.0 30.0
 265 21.9 17.5 26.3



#36
 Benzo(b)fluoranthene
 Concen: 0.01 ng
 RT: 22.97 min Scan# 1359
 Delta R.T. -0.02 min
 Lab File: BE091813.D
 Acq: 19 May 2016 16:58

Tgt Ion: 252 Resp: 886
 Ion Ratio Lower Upper
 252 100
 253 76.1 17.4 26.0#
 125 55.8 10.2 15.2#





#37

Benzo(k)fluoranthene

Concen: 0.01 ng

RT: 22.97 min Scan# 1359

Delta R.T. -0.07 min

Lab File: BE091813.D

Acq: 19 May 2016 16:58

Instrument :

BNA_E

ClientSampleId :

SS043MW039-160511

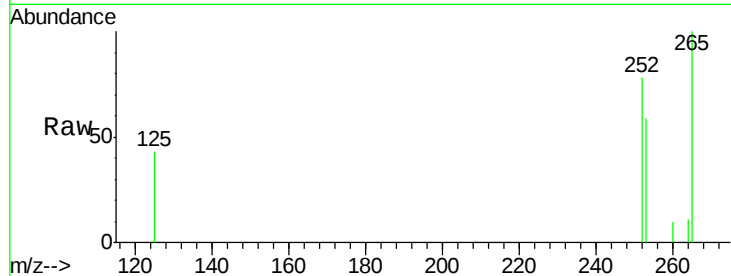
Tgt Ion:252 Resp: 886

Ion Ratio Lower Upper

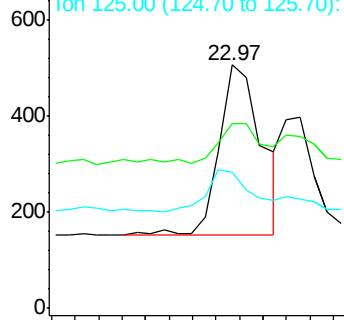
252 100

253 76.1 17.6 26.4#

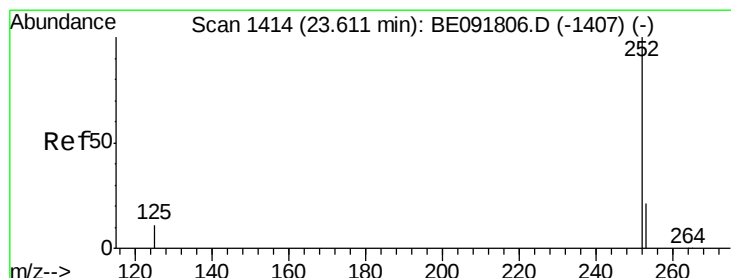
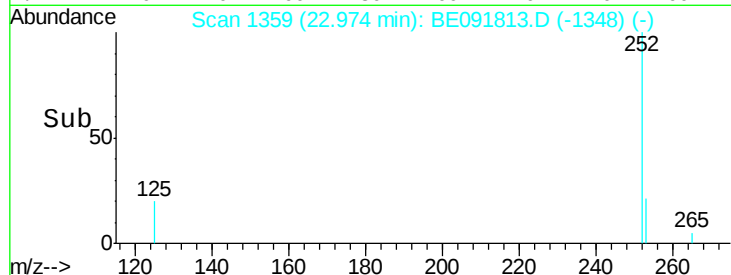
125 55.8 9.9 14.9#



Abundance Ion 252.00 (251.70 to 252.70): E



Time-->



#38

Benzo(a)pyrene

Concen: 0.01 ng

RT: 23.61 min Scan# 1414

Delta R.T. -0.02 min

Lab File: BE091813.D

Acq: 19 May 2016 16:58

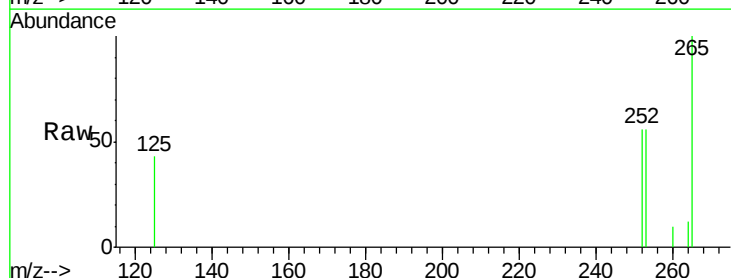
Tgt Ion:252 Resp: 436

Ion Ratio Lower Upper

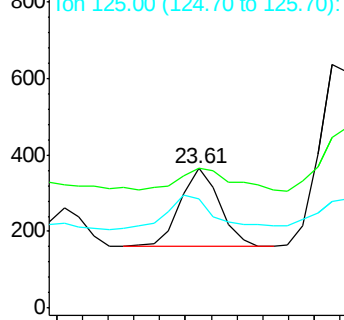
252 100

253 100.5 18.1 27.1#

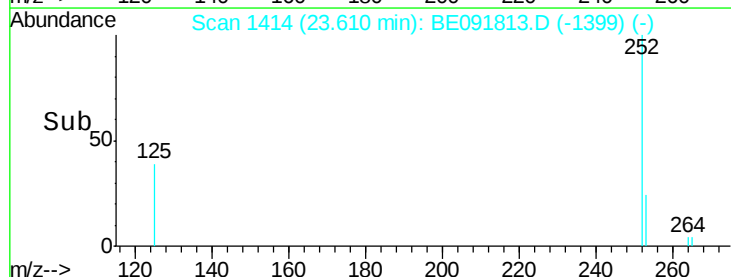
125 77.8 11.0 16.4#

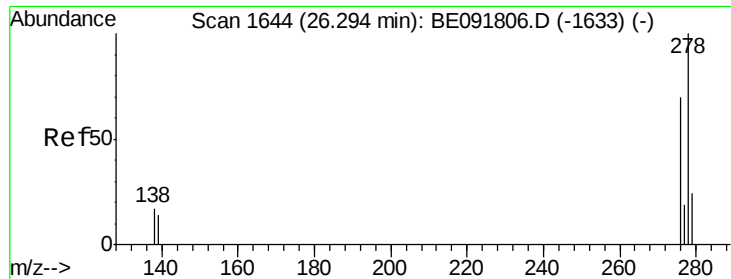


Abundance Ion 252.00 (251.70 to 252.70): E



Time-->





#39

Dibenzo(a,h)anthracene

Concen: 0.00 ng

RT: 26.29 min Scan# 1644

Delta R.T. -0.05 min

Lab File: BE091813.D

Acq: 19 May 2016 16:58

Instrument :

BNA_E

ClientSampleId :

SS043MW039-160511

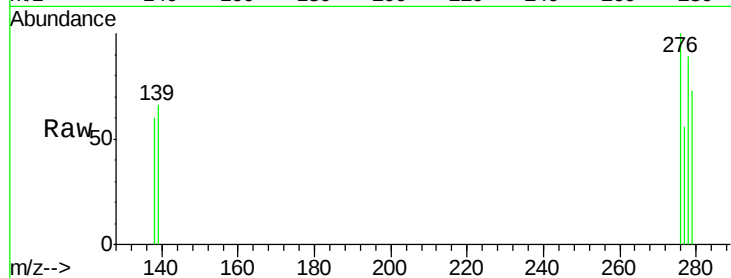
Tgt Ion: 278 Resp: 341

Ion Ratio Lower Upper

278 100

139 74.2 16.0 24.0#

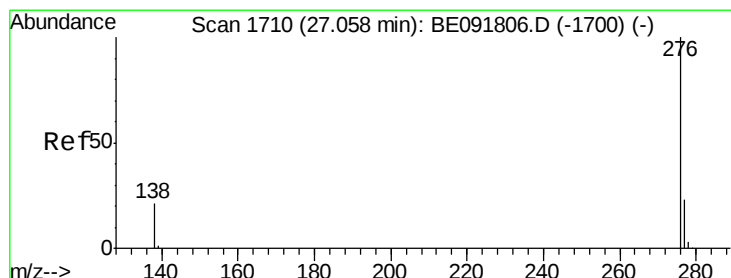
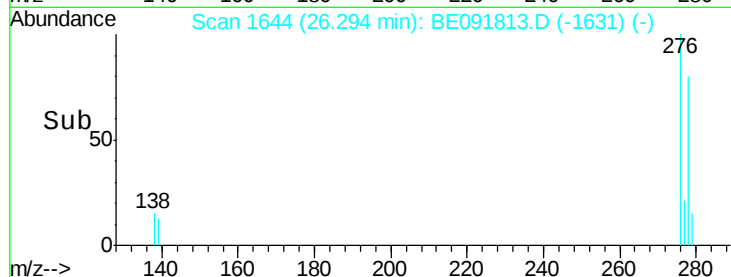
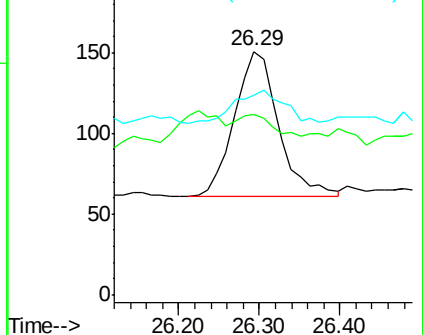
279 82.1 19.4 29.2#



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: 27.06 min Scan# 1710

Delta R.T. -0.05 min

Lab File: BE091813.D

Acq: 19 May 2016 16:58

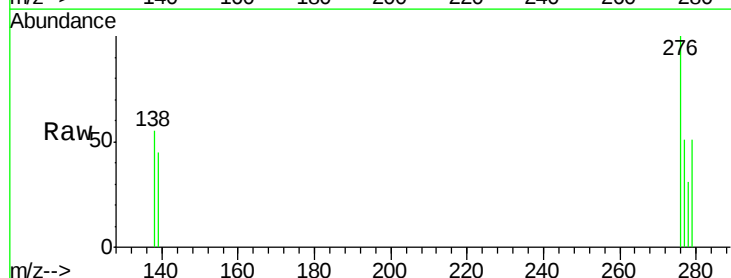
Tgt Ion: 276 Resp: 589

Ion Ratio Lower Upper

276 100

277 51.5 18.6 28.0#

138 54.9 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

