

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020216\
 Data File : BM004165.D
 Acq On : 02 Feb 2016 15:55
 Operator : SJ/IZ
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001

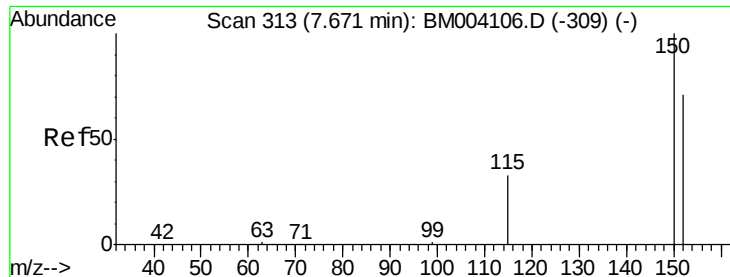
Quant Time: Feb 03 00:53:11 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BM012216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 22 14:46:41 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	29898	5.00	ng	0.00
7) Naphthalene-d8	10.44	136	132197	5.00	ng	0.00
13) Acenaphthene-d10	14.31	164	82527	5.00	ng	0.00
19) Phenanthrene-d10	17.06	188	203994	5.00	ng	0.00
26) Chrysene-d12	21.27	240	223122	5.00	ng	0.00
35) Perylene-d12	23.51	264	190369	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	5829	0.93	ng	-0.02
5) Phenol-d6	6.85	99	7277	0.97	ng	0.00
8) Nitrobenzene-d5	8.83	82	5857	1.01	ng	0.00
14) 2,4,6-Tribromophenol	15.82	330	2217	0.95	ng	0.00
15) 2-Fluorobiphenyl	12.93	172	22725	0.90	ng	0.00
29) Terphenyl-d14	19.71	244	28644	1.01	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.17	88	2676	0.92	ng	97
3) n-Nitrosodimethylamine	3.48	42	2586	0.97	ng	# 100
6) bis(2-Chloroethyl)ether	7.09	93	6951	1.00	ng	98
9) Nitrobenzene	8.87	77	6645	0.99	ng	100
10) Naphthalene	10.49	128	29346	0.95	ng	97
11) Hexachlorobutadiene	10.78	225	4428	0.93	ng	100
12) 2-Methylnaphthalene	12.12	142	19360	0.96	ng	99
16) Acenaphthylene	14.02	152	33595	0.94	ng	100
17) Acenaphthene	14.37	154	22781	0.84	ng	98
18) Fluorene	15.37	166	28439	0.87	ng	99
20) 4-Bromophenyl-phenylether	16.24	248	7630	1.15	ng	# 75
21) Hexachlorobenzene	16.37	284	7868	1.13	ng	# 72
22) Pentachlorophenol	16.73	266	2024	1.17	ng	85
23) Phenanthrene	17.09	178	48051	1.12	ng	98
24) Anthracene	17.19	178	49256	1.06	ng	99
25) Fluoranthene	19.14	202	56265	1.02	ng	99
27) Benzidine	19.33	184	10492	1.08	ng	97
28) Pyrene	19.50	202	63367	1.01	ng	100
30) Benzo(a)anthracene	21.25	228	68541	1.01	ng	# 86
31) 3,3'-Dichlorobenzidine	21.21	252	13016	0.97	ng	87
32) Chrysene	21.31	228	49625	0.81	ng	91
33) Bis(2-ethylhexyl)phthalate	21.16	149	22431	1.04	ng	# 54
34) Indeno(1,2,3-cd)pyrene	25.75	276	50671	0.77	ng	99
36) Benzo(b)fluoranthene	22.83	252	53313	0.90	ng	96
37) Benzo(k)fluoranthene	22.88	252	54879	1.03	ng	99
38) Benzo(a)pyrene	23.40	252	49145	0.95	ng	98
39) Dibenzo(a,h)anthracene	25.76	278	39955	0.86	ng	99
40) Benzo(g,h,i)perylene	26.43	276	43643	0.86	ng	99

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

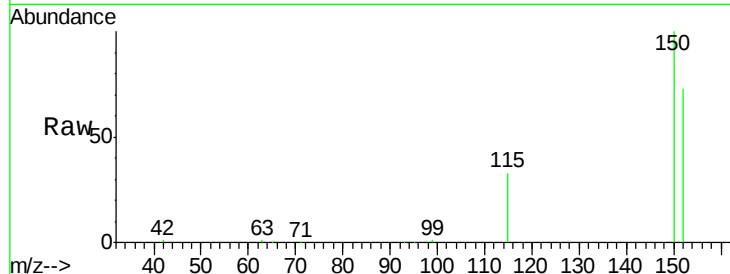


#1

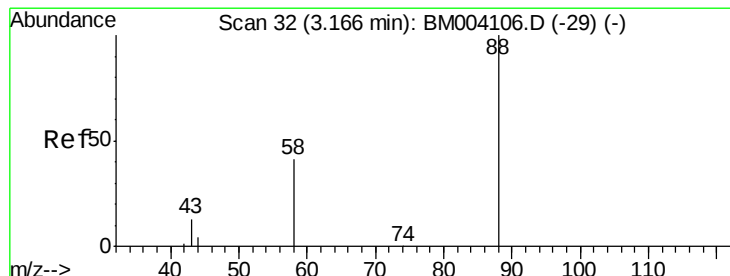
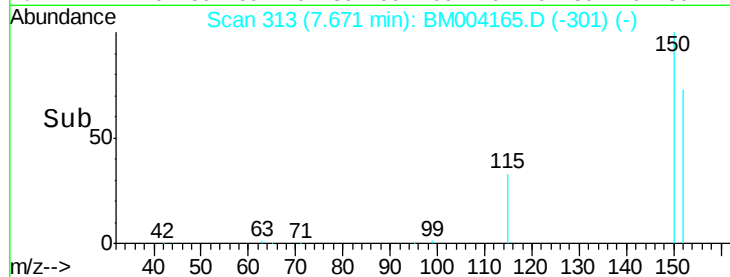
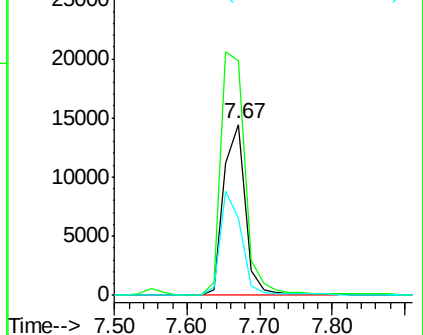
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.67 min Scan# 313
Delta R.T. -0.00 min
Lab File: BM004165.D
Acq: 02 Feb 2016 15:55

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion: 152 Resp: 29898
Ion Ratio Lower Upper
152 100
150 136.9 122.9 184.3
115 45.3 44.4 66.6



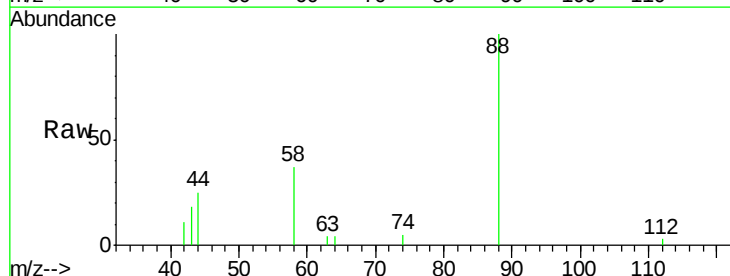
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



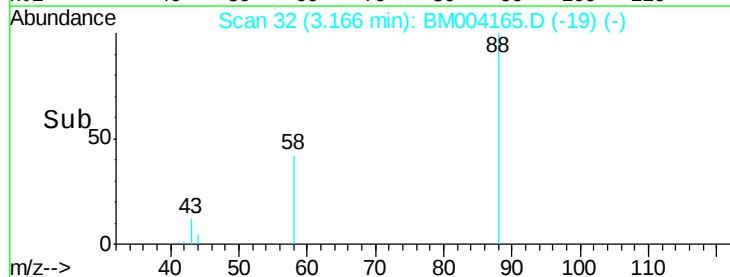
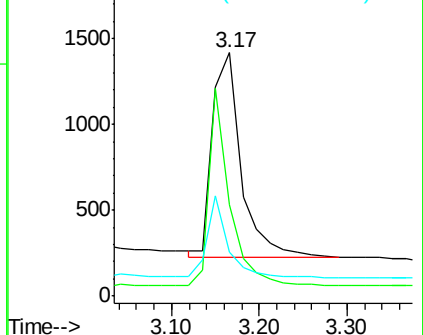
#2

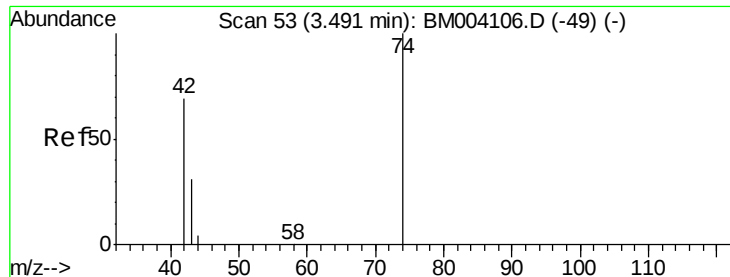
1,4-Dioxane
Concen: 0.92 ng
RT: 3.17 min Scan# 32
Delta R.T. 0.00 min
Lab File: BM004165.D
Acq: 02 Feb 2016 15:55

Tgt Ion: 88 Resp: 2676
Ion Ratio Lower Upper
88 100
58 70.1 53.8 80.6
43 30.1 23.8 35.6



Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 0.97 ng

RT: 3.48 min Scan# 52

Delta R.T. -0.02 min

Lab File: BM004165.D

Acq: 02 Feb 2016 15:55

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

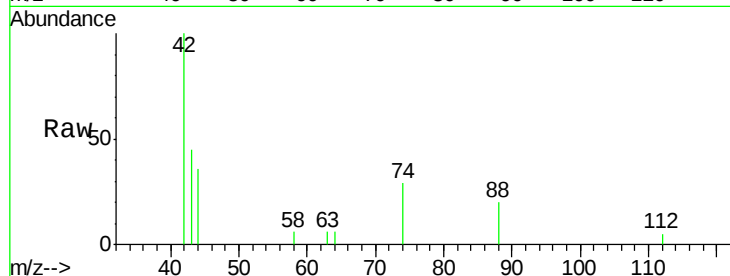
Tgt Ion: 42 Resp: 2586

Ion Ratio Lower Upper

42 100

74 118.6 95.0 142.4

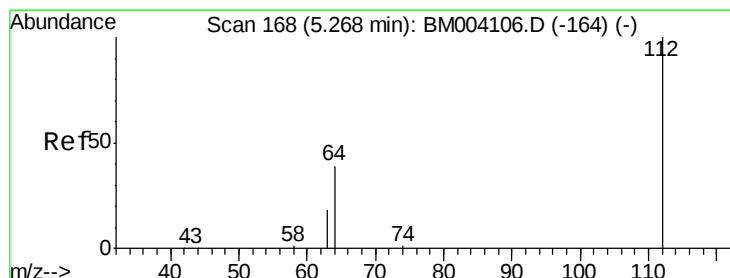
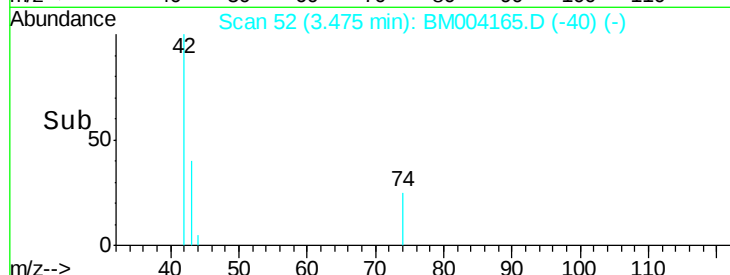
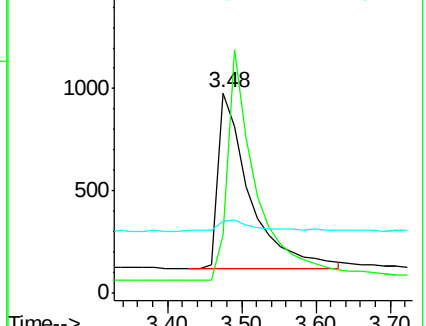
44 7.8 5.1 7.7#



Abundance Ion 42.00 (41.70 to 42.70): BM004106.D (-49) (-)

Ion 74.00 (73.70 to 74.70): BM004106.D (-49) (-)

Ion 44.00 (43.70 to 44.70): BM004106.D (-49) (-)



#4

2-Fluorophenol

Concen: 0.93 ng

RT: 5.25 min Scan# 167

Delta R.T. -0.02 min

Lab File: BM004165.D

Acq: 02 Feb 2016 15:55

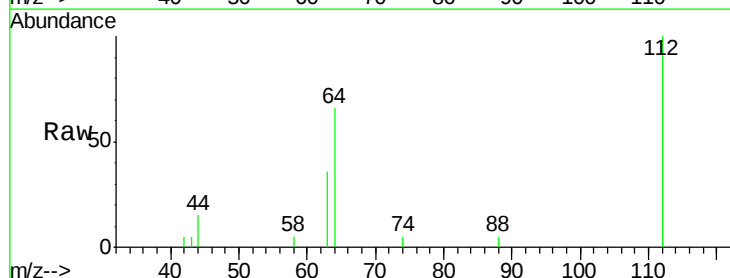
Tgt Ion: 112 Resp: 5829

Ion Ratio Lower Upper

112 100

64 52.6 41.8 62.8

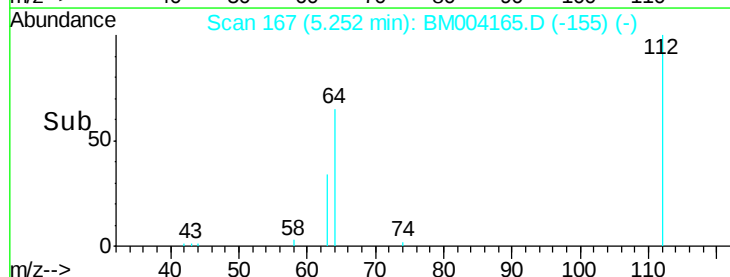
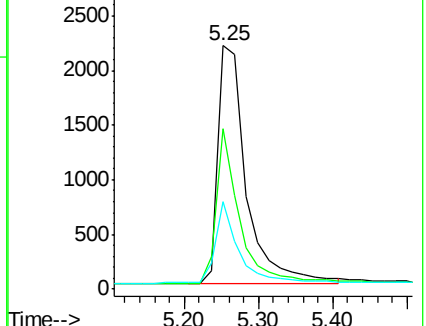
63 27.9 22.1 33.1

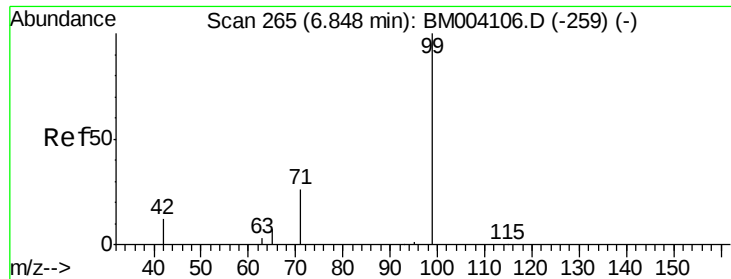


Abundance Ion 112.00 (111.70 to 112.70): BM004106.D (-164) (-)

Ion 64.00 (63.70 to 64.70): BM004106.D (-164) (-)

Ion 63.00 (62.70 to 63.70): BM004106.D (-164) (-)





#5

Phenol-d6

Concen: 0.97 ng

RT: 6.85 min Scan# 265

Delta R.T. -0.00 min

Lab File: BM004165.D

Acq: 02 Feb 2016 15:55

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

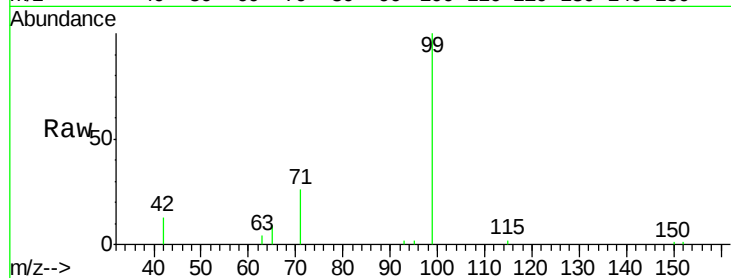
Tgt Ion: 99 Resp: 7277

Ion Ratio Lower Upper

99 100

42 19.2 16.2 24.2

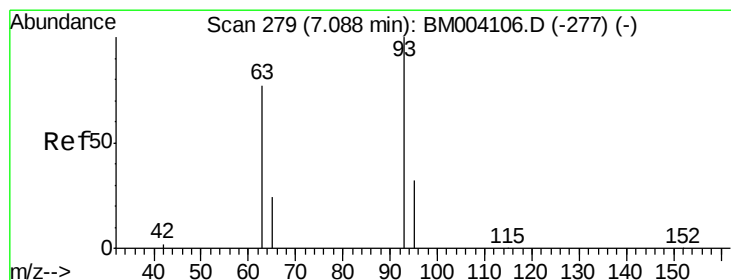
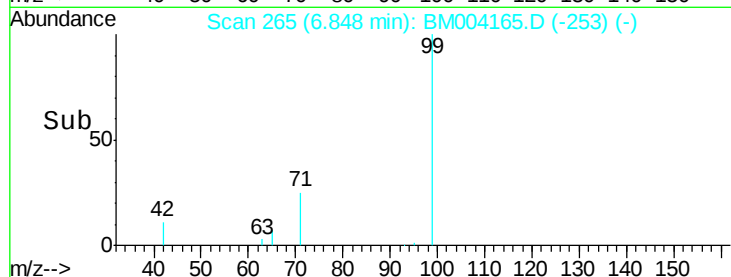
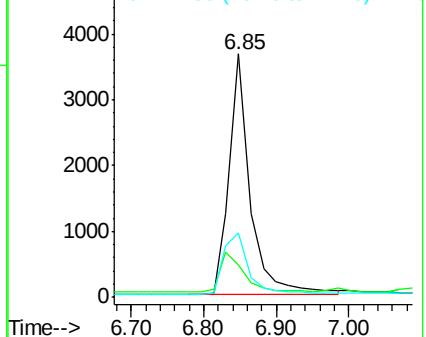
71 31.1 24.4 36.6



Abundance Ion 99.00 (98.70 to 99.70): BM004106.D (-259) (-)

Ion 42.00 (41.70 to 42.70): BM004106.D (-259) (-)

Ion 71.00 (70.70 to 71.70): BM004106.D (-259) (-)



#6

bis(2-Chloroethyl)ether

Concen: 1.00 ng

RT: 7.09 min Scan# 279

Delta R.T. -0.00 min

Lab File: BM004165.D

Acq: 02 Feb 2016 15:55

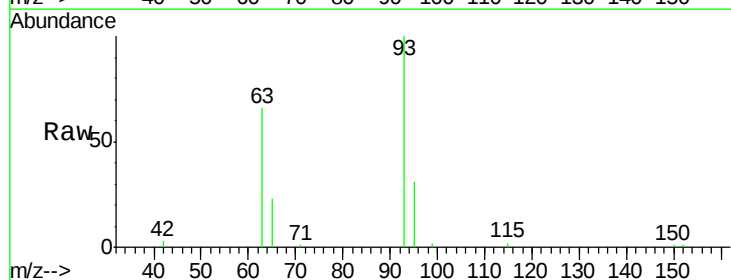
Tgt Ion: 93 Resp: 6951

Ion Ratio Lower Upper

93 100

63 70.8 58.3 87.5

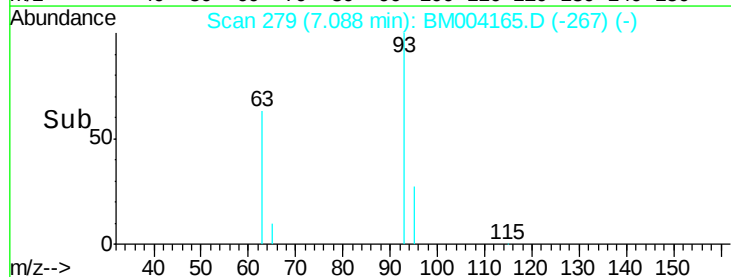
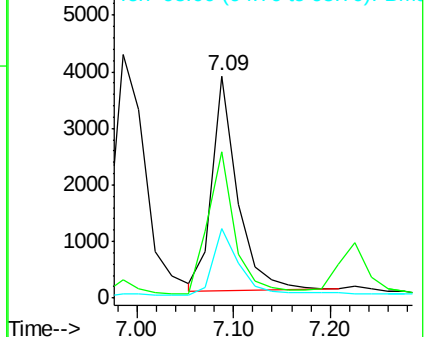
95 33.3 25.8 38.8

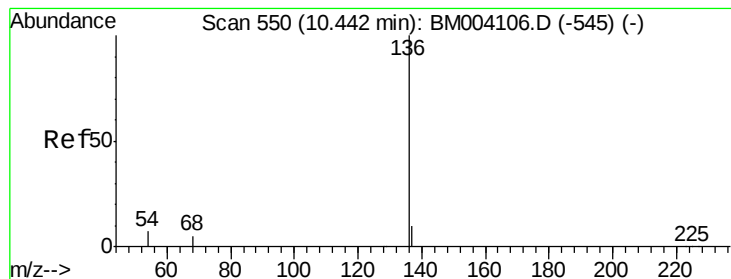


Abundance Ion 93.00 (92.70 to 93.70): BM004106.D (-277) (-)

Ion 63.00 (62.70 to 63.70): BM004106.D (-277) (-)

Ion 95.00 (94.70 to 95.70): BM004106.D (-277) (-)





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.44 min Scan# 550

Delta R.T. -0.00 min

Lab File: BM004165.D

Acq: 02 Feb 2016 15:55

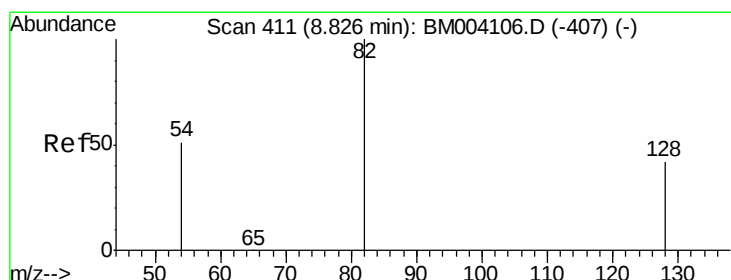
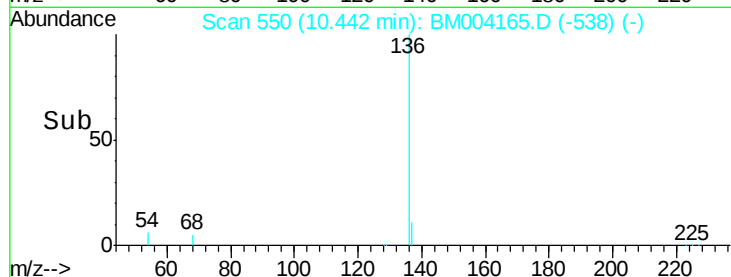
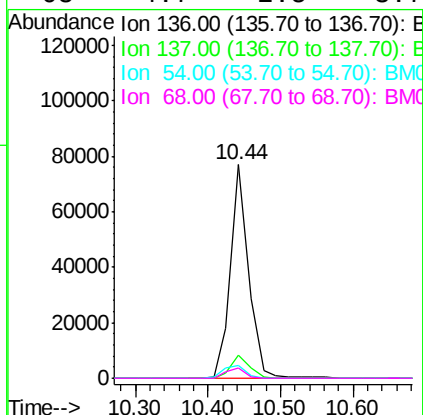
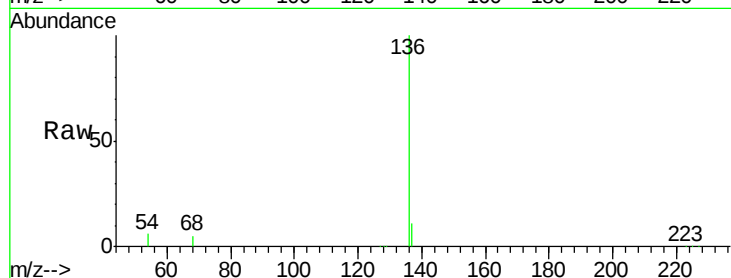
Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

Tgt Ion:	136	Resp:	132197
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	6.1	2.8	4.2#
68	4.7	2.5	3.7#



#8

Nitrobenzene-d5

Concen: 1.01 ng

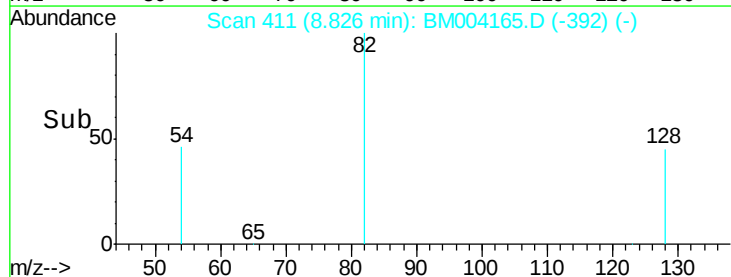
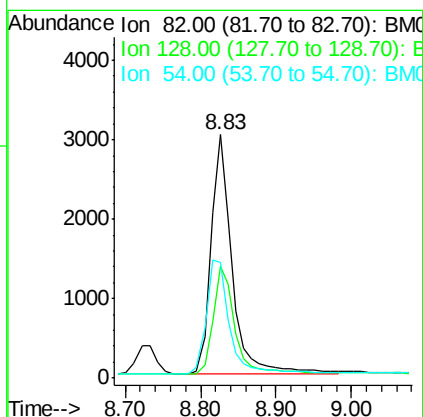
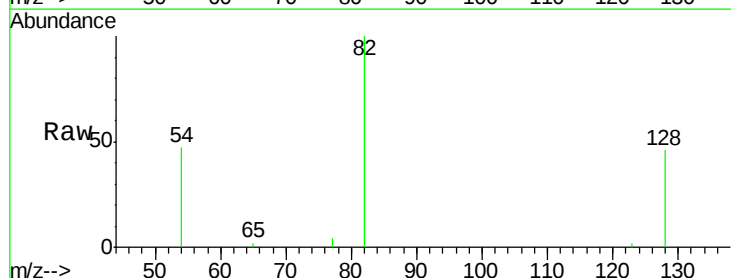
RT: 8.83 min Scan# 411

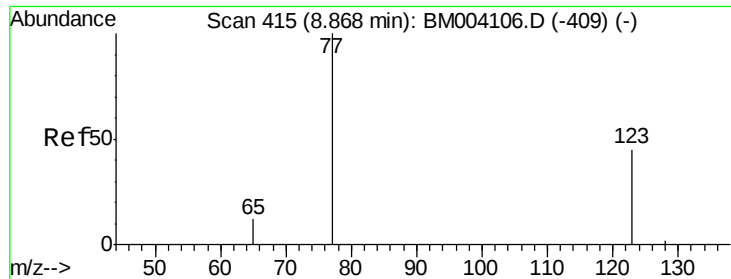
Delta R.T. -0.00 min

Lab File: BM004165.D

Acq: 02 Feb 2016 15:55

Tgt Ion:	82	Resp:	5857
Ion	Ratio	Lower	Upper
82	100		
128	46.0	39.1	58.7
54	47.5	34.8	52.2





#9

Nitrobenzene

Concen: 0.99 ng

RT: 8.87 min Scan# 415

Delta R.T. 0.00 min

Lab File: BM004165.D

Acq: 02 Feb 2016 15:55

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

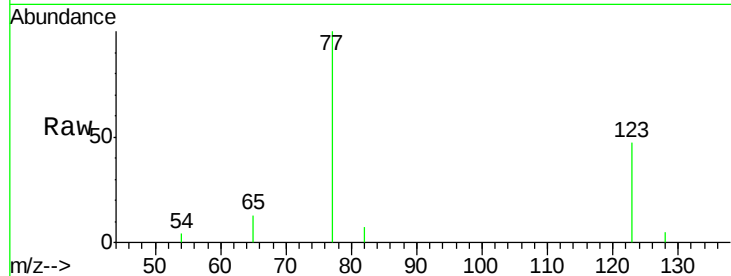
Tgt Ion: 77 Resp: 6645

Ion Ratio Lower Upper

77 100

123 48.4 38.6 57.8

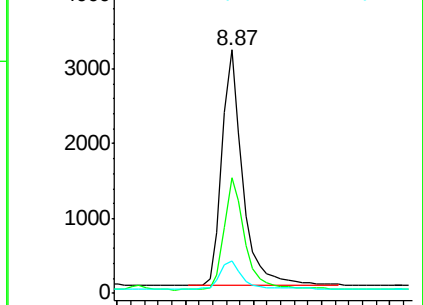
65 12.6 9.9 14.9



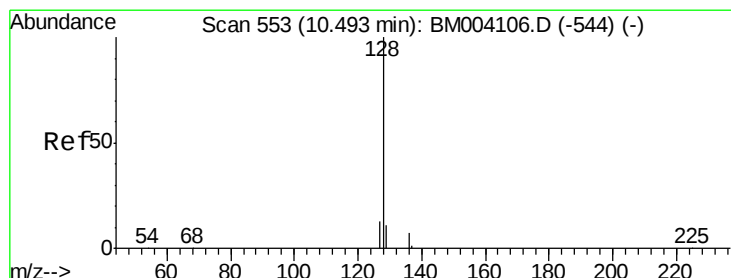
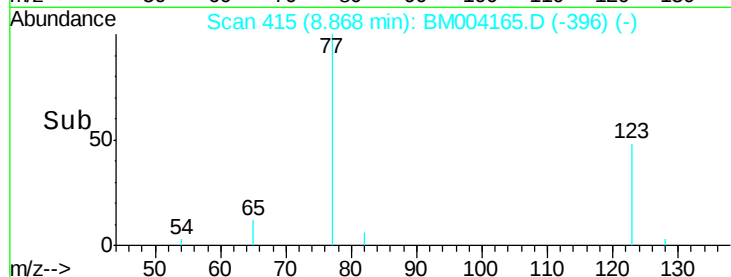
Abundance Ion 77.00 (76.70 to 77.70): BM004106.D (-409) (-)

Ion 123.00 (122.70 to 123.70): BM004106.D (-409) (-)

Ion 65.00 (64.70 to 65.70): BM004106.D (-409) (-)



Time--> 8.70 8.80 8.90 9.00 9.10



#10

Naphthalene

Concen: 0.95 ng

RT: 10.49 min Scan# 553

Delta R.T. -0.00 min

Lab File: BM004165.D

Acq: 02 Feb 2016 15:55

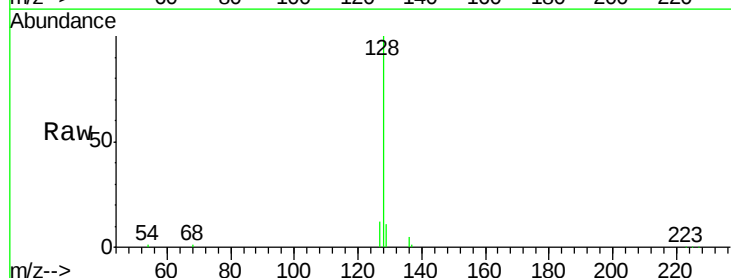
Tgt Ion: 128 Resp: 29346

Ion Ratio Lower Upper

128 100

129 11.3 8.5 12.7

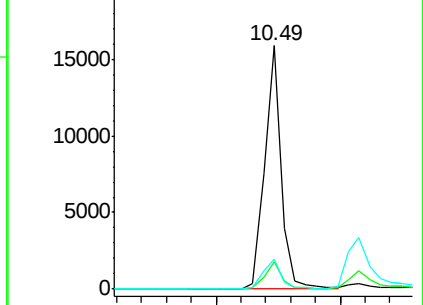
127 12.4 11.0 16.4



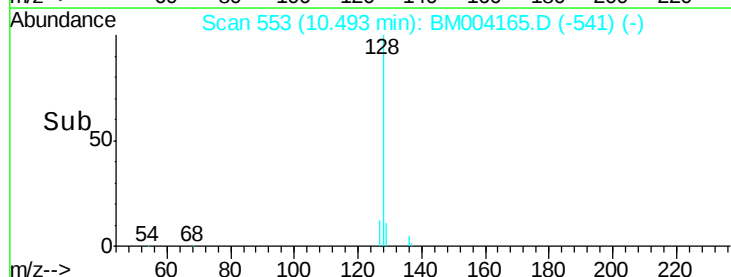
Abundance Ion 128.00 (127.70 to 128.70): BM004106.D (-544) (-)

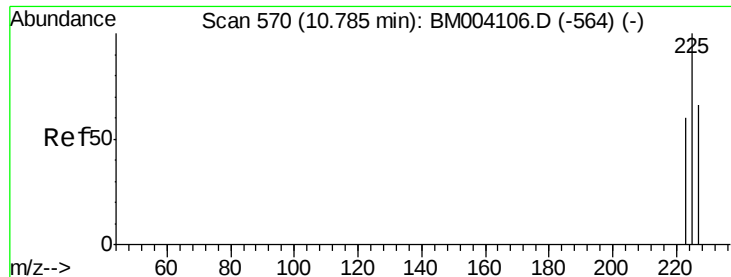
Ion 129.00 (128.70 to 129.70): BM004106.D (-544) (-)

Ion 127.00 (126.70 to 127.70): BM004106.D (-544) (-)



Time--> 10.40 10.60

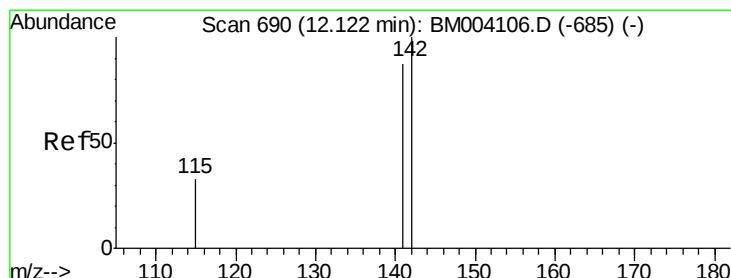
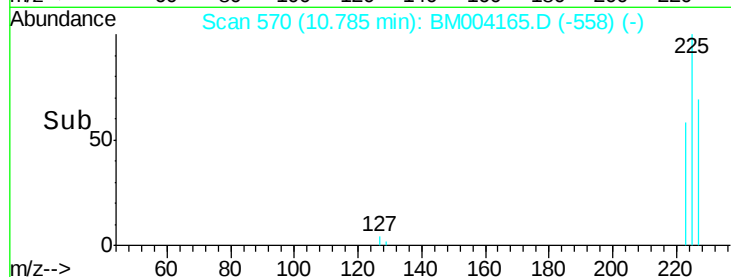
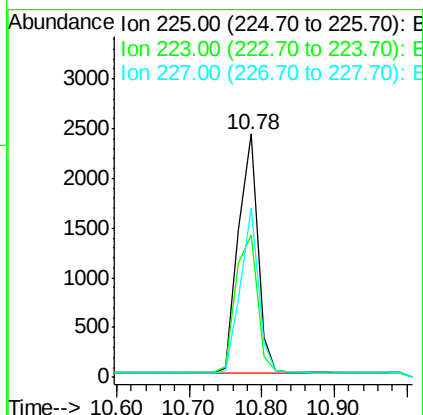
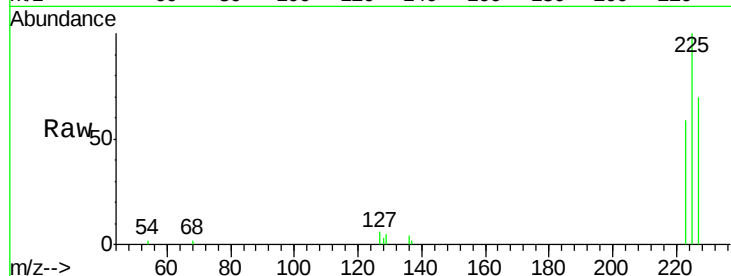




#11
Hexachlorobutadiene
Concen: 0.93 ng
RT: 10.78 min Scan# 570
Delta R.T. -0.00 min
Lab File: BM004165.D
Acq: 02 Feb 2016 15:55

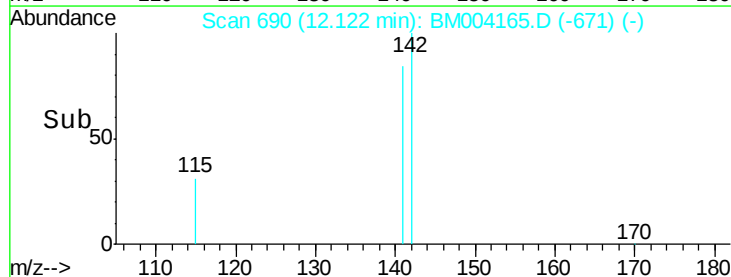
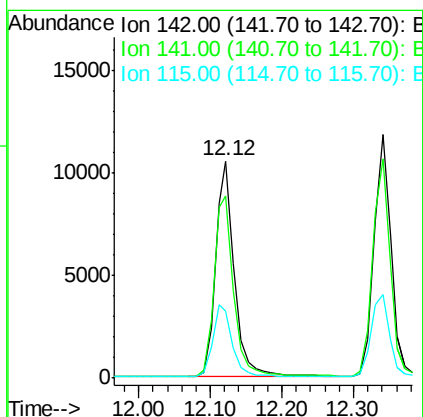
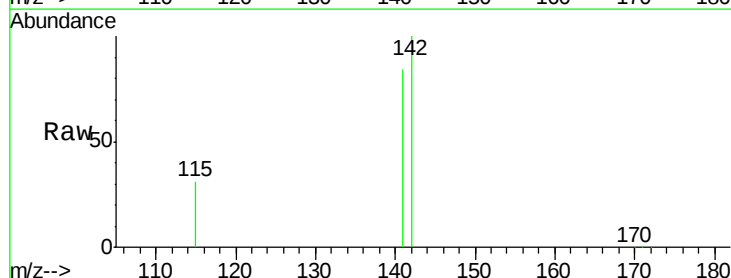
Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

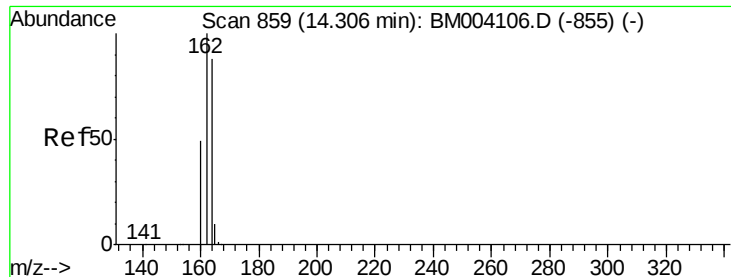
Tgt Ion: 225 Resp: 4428
Ion Ratio Lower Upper
225 100
223 63.8 50.9 76.3
227 64.1 51.2 76.8



#12
2-Methylnaphthalene
Concen: 0.96 ng
RT: 12.12 min Scan# 690
Delta R.T. -0.00 min
Lab File: BM004165.D
Acq: 02 Feb 2016 15:55

Tgt Ion: 142 Resp: 19360
Ion Ratio Lower Upper
142 100
141 84.1 67.8 101.8
115 31.0 25.3 37.9





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.31 min Scan# 859

Delta R.T. -0.00 min

Lab File: BM004165.D

Acq: 02 Feb 2016 15:55

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

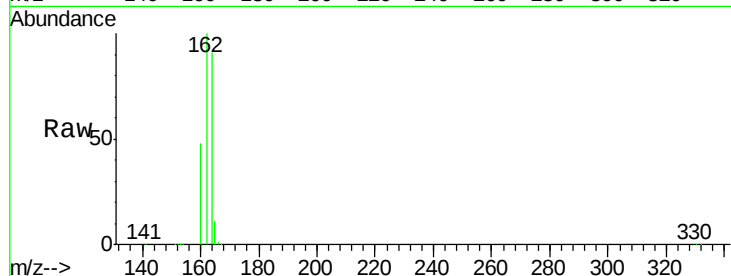
Tgt Ion:164 Resp: 82527

Ion Ratio Lower Upper

164 100

162 109.8 86.0 129.0

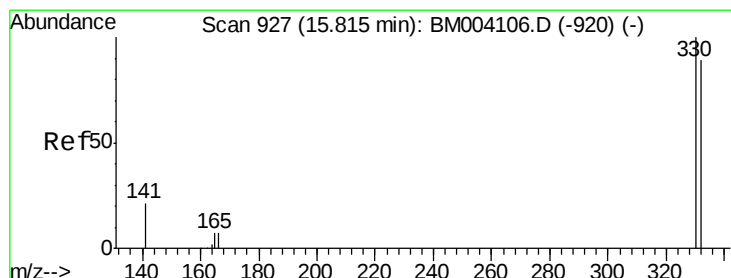
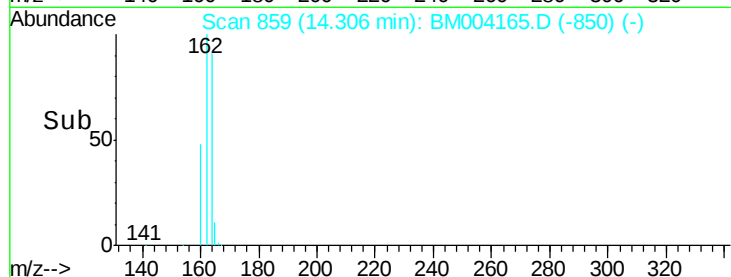
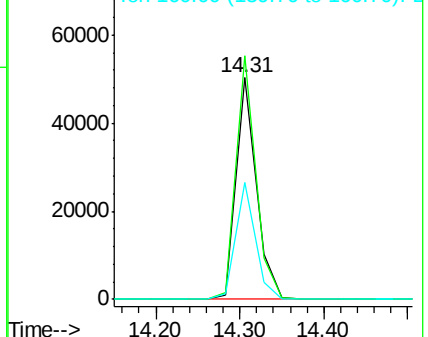
160 52.7 40.3 60.5



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: 0.95 ng

RT: 15.82 min Scan# 927

Delta R.T. 0.00 min

Lab File: BM004165.D

Acq: 02 Feb 2016 15:55

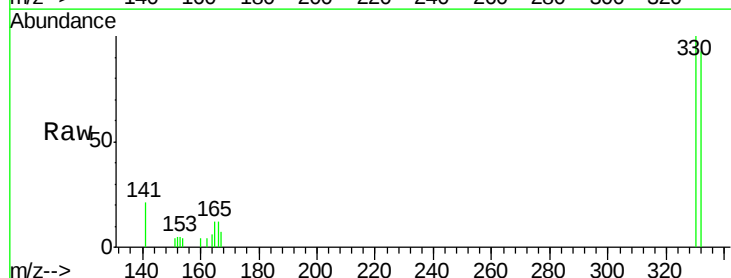
Tgt Ion:330 Resp: 2217

Ion Ratio Lower Upper

330 100

332 95.4 79.0 118.4

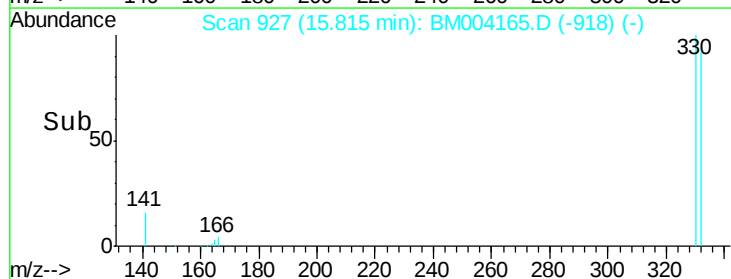
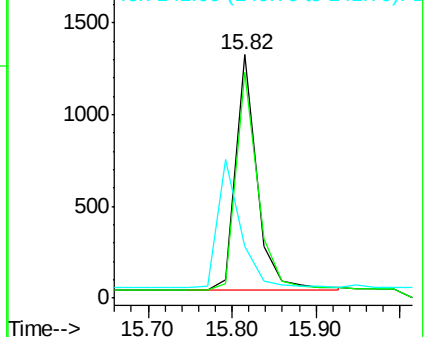
141 0.0 27.8 41.6#

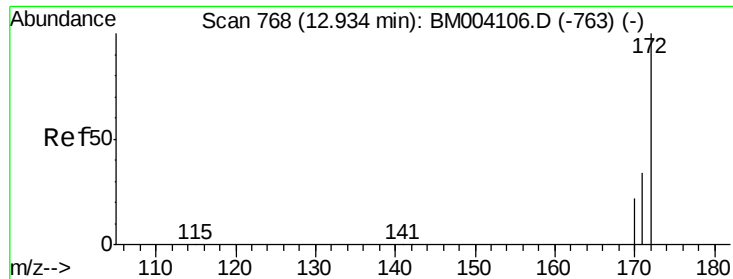


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

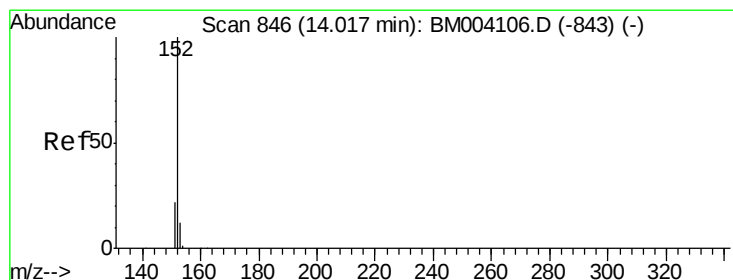
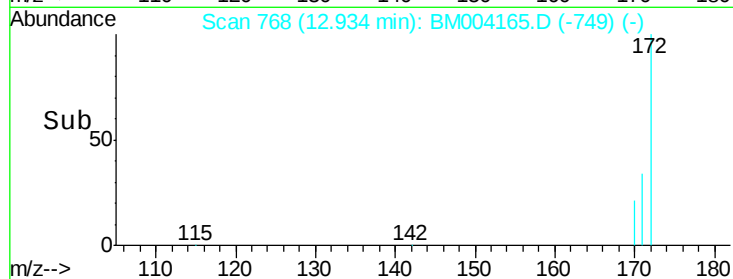
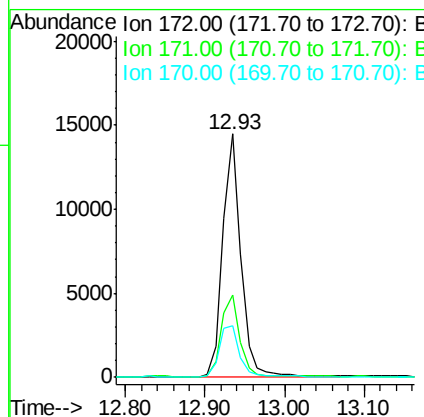
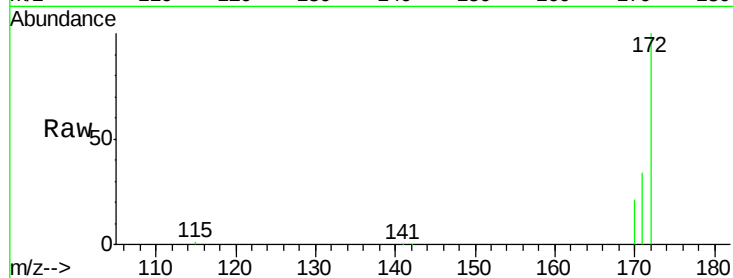




#15
2-Fluorobiphenyl
Concen: 0.90 ng
RT: 12.93 min Scan# 768
Delta R.T. -0.00 min
Lab File: BM004165.D
Acq: 02 Feb 2016 15:55

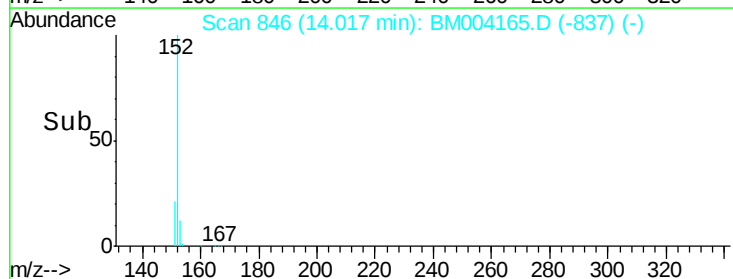
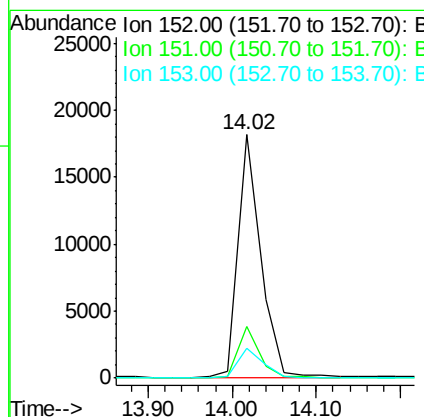
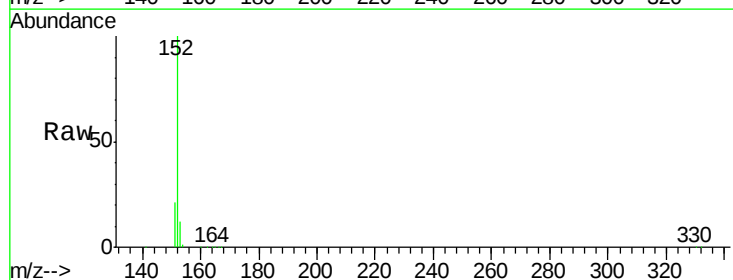
Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

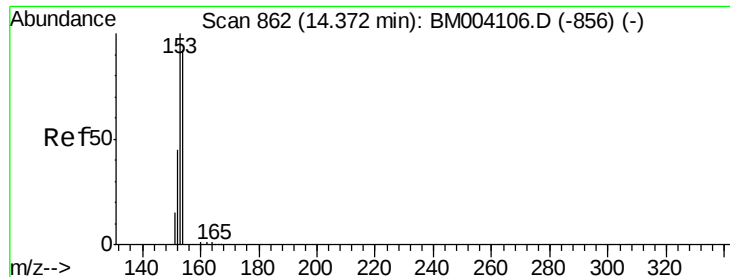
Tgt Ion:172 Resp: 22725
Ion Ratio Lower Upper
172 100
171 33.9 27.0 40.6
170 21.4 17.9 26.9



#16
Acenaphthylene
Concen: 0.94 ng
RT: 14.02 min Scan# 846
Delta R.T. -0.00 min
Lab File: BM004165.D
Acq: 02 Feb 2016 15:55

Tgt Ion:152 Resp: 33595
Ion Ratio Lower Upper
152 100
151 19.7 15.8 23.8
153 12.7 10.2 15.4

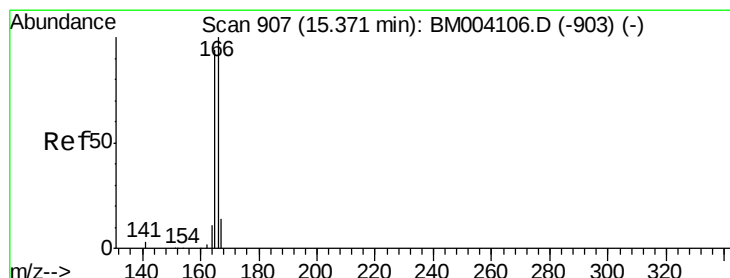
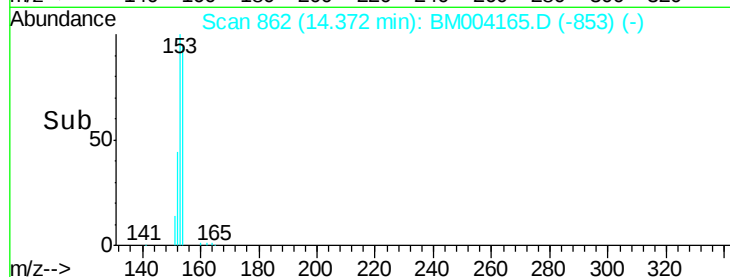
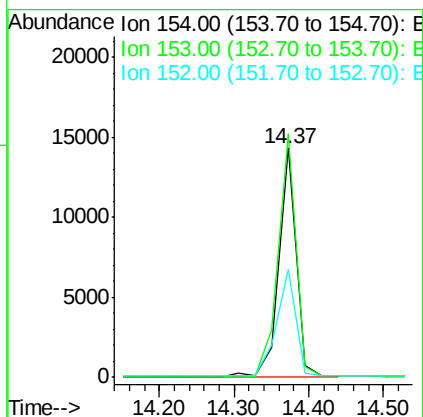
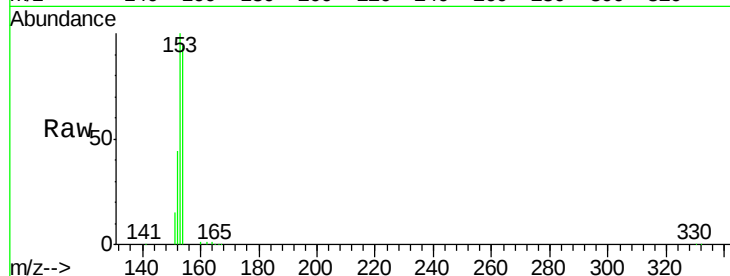




#17
Acenaphthene
Concen: 0.84 ng
RT: 14.37 min Scan# 862
Delta R.T. -0.00 min
Lab File: BM004165.D
Acq: 02 Feb 2016 15:55

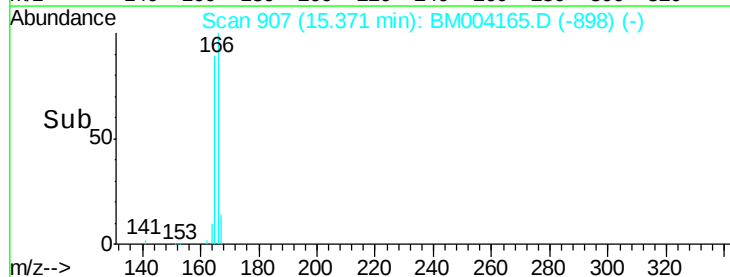
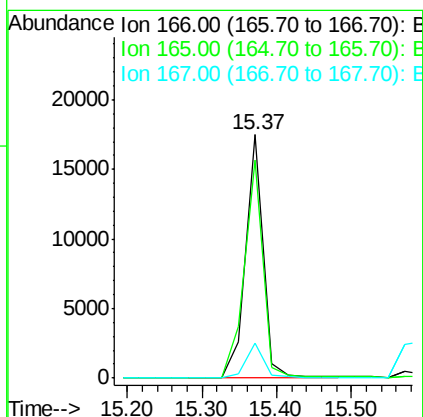
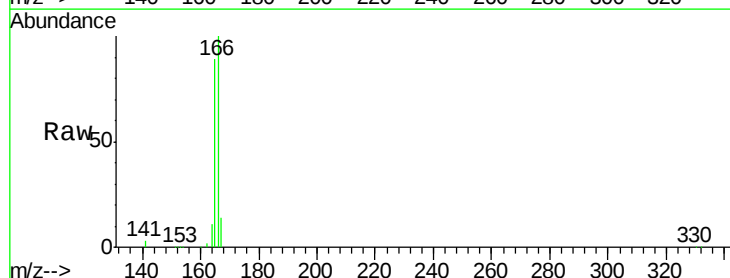
Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

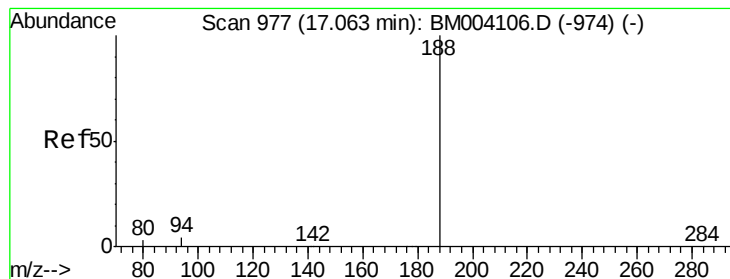
Tgt Ion:154 Resp: 22781
Ion Ratio Lower Upper
154 100
153 109.9 85.4 128.2
152 51.5 40.6 60.8



#18
Fluorene
Concen: 0.87 ng
RT: 15.37 min Scan# 907
Delta R.T. -0.00 min
Lab File: BM004165.D
Acq: 02 Feb 2016 15:55

Tgt Ion:166 Resp: 28439
Ion Ratio Lower Upper
166 100
165 94.9 77.2 115.8
167 13.7 11.0 16.6





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.06 min Scan# 977

Delta R.T. -0.00 min

Lab File: BM004165.D

Acq: 02 Feb 2016 15:55

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

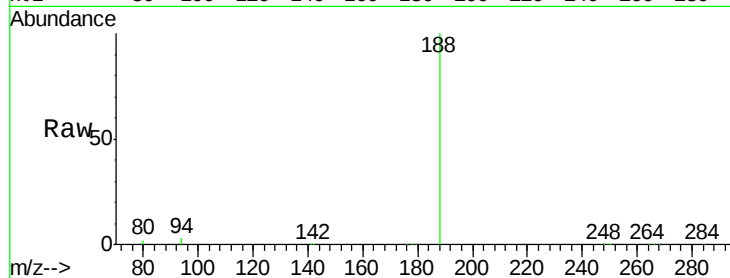
Tgt Ion:188 Resp: 203994

Ion Ratio Lower Upper

188 100

94 3.0 20.3 30.5#

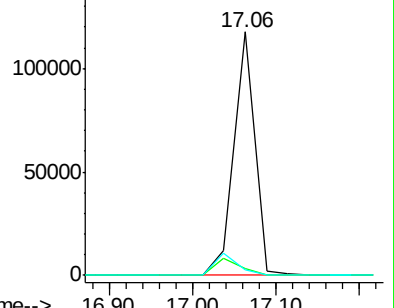
80 2.5 22.2 33.4#



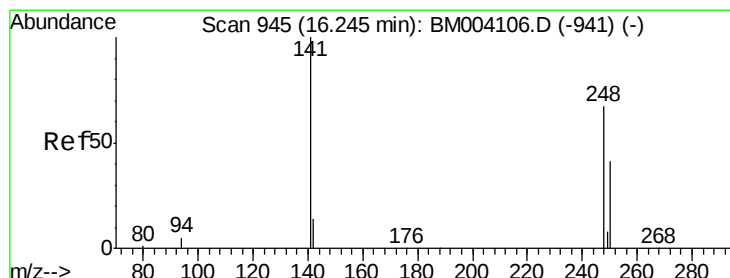
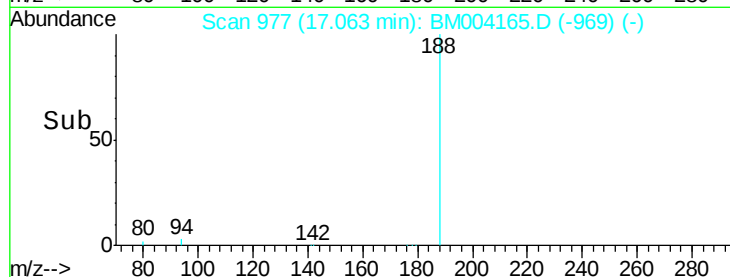
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



Time-->



#20

4-Bromophenyl-phenylether

Concen: 1.15 ng

RT: 16.24 min Scan# 945

Delta R.T. -0.00 min

Lab File: BM004165.D

Acq: 02 Feb 2016 15:55

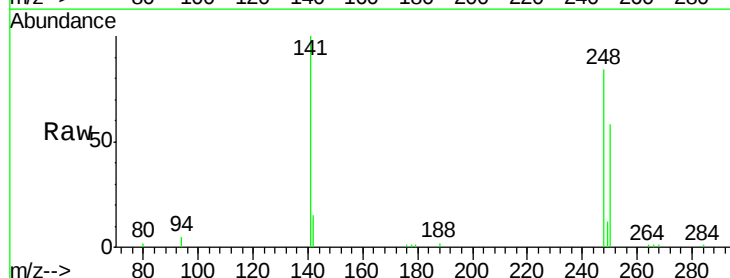
Tgt Ion:248 Resp: 7630

Ion Ratio Lower Upper

248 100

250 85.7 75.0 112.4

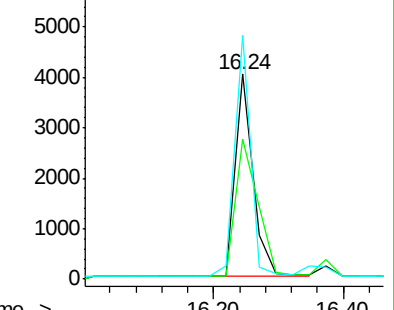
141 104.5 53.0 79.4#



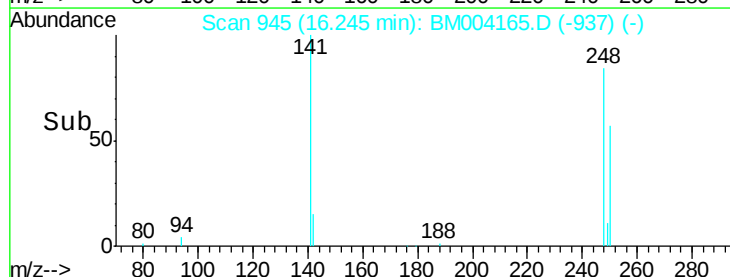
Abundance Ion 248.00 (247.70 to 248.70): E

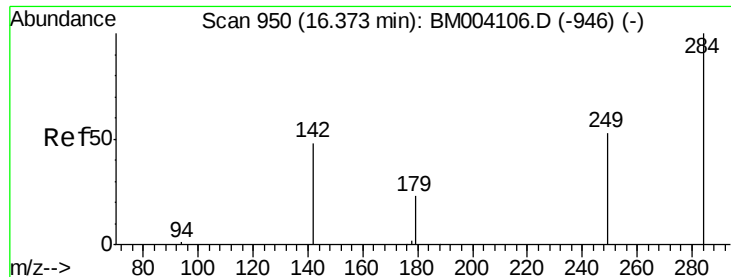
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->

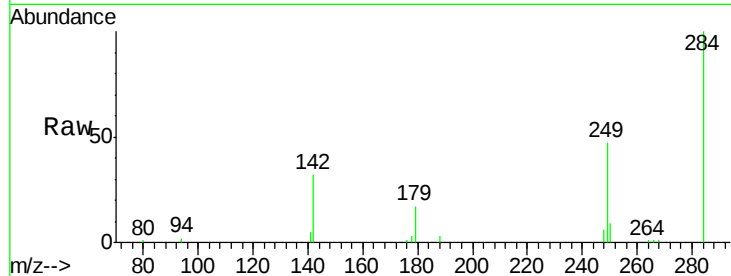




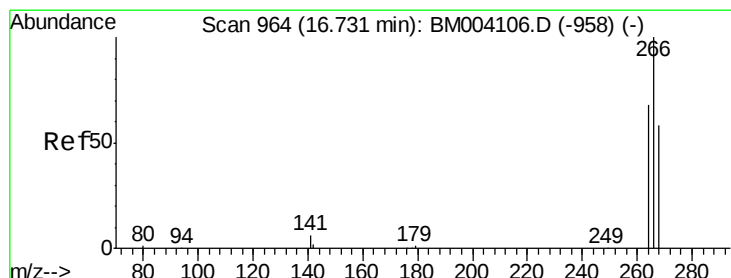
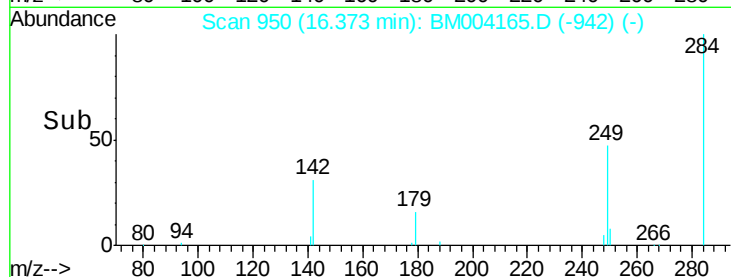
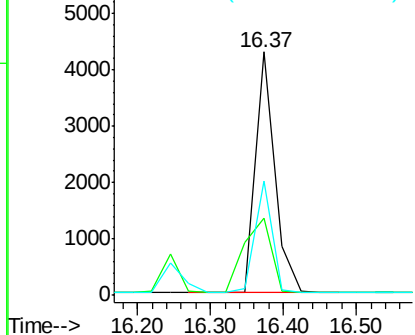
#21
Hexachlorobenzene
Concen: 1.13 ng
RT: 16.37 min Scan# 950
Delta R.T. -0.00 min
Lab File: BM004165.D
Acq: 02 Feb 2016 15:55

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion: 284 Resp: 7868
Ion Ratio Lower Upper
284 100
142 43.3 22.2 33.4#
249 41.0 21.5 32.3#

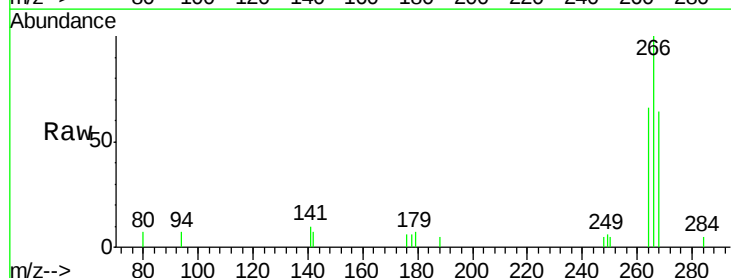


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

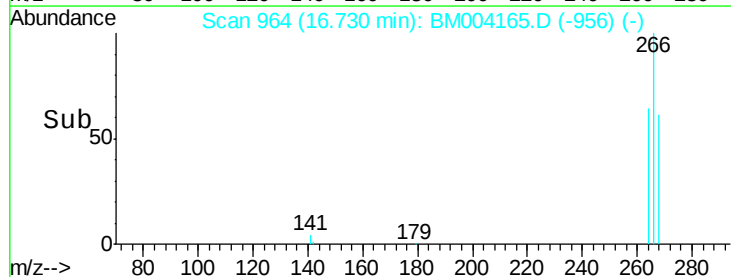
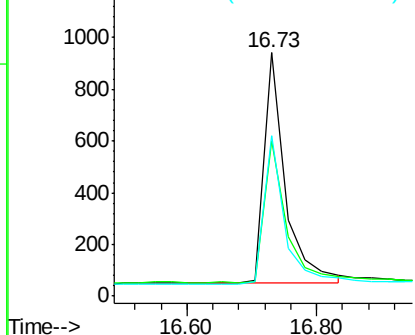


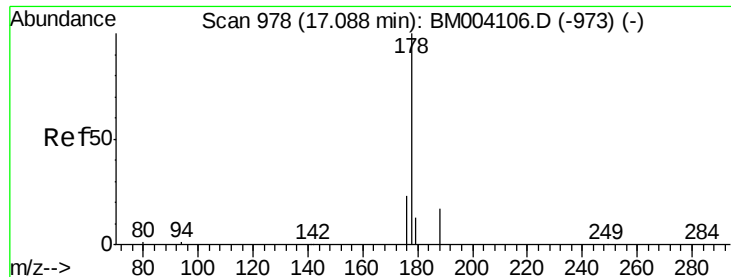
#22
Pentachlorophenol
Concen: 1.17 ng
RT: 16.73 min Scan# 964
Delta R.T. 0.00 min
Lab File: BM004165.D
Acq: 02 Feb 2016 15:55

Tgt Ion: 266 Resp: 2024
Ion Ratio Lower Upper
266 100
268 63.7 62.7 94.1
264 65.7 45.7 68.5



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

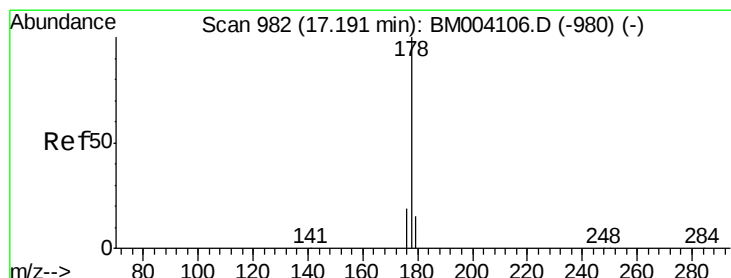
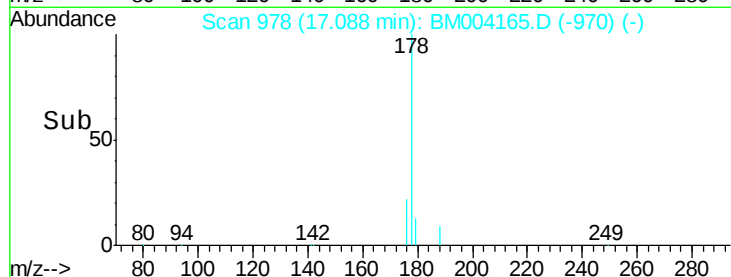
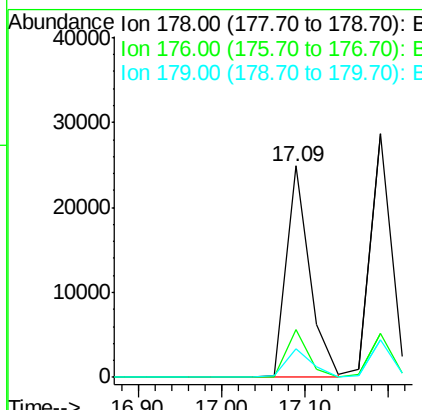
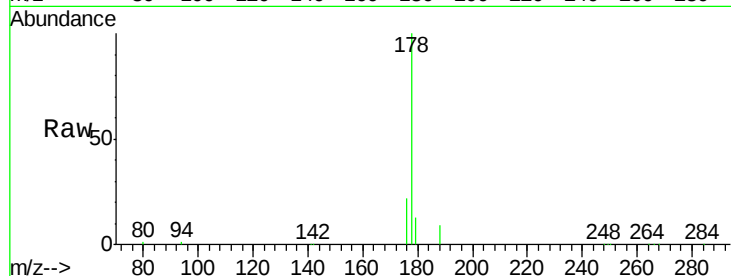




#23
Phenanthrene
Concen: 1.12 ng
RT: 17.09 min Scan# 978
Delta R.T. 0.00 min
Lab File: BM004165.D
Acq: 02 Feb 2016 15:55

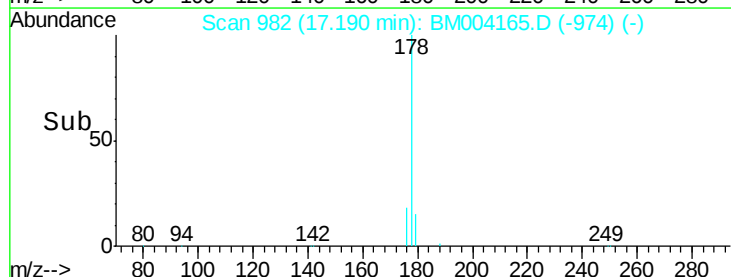
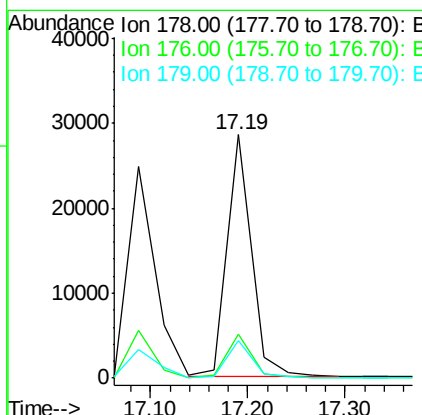
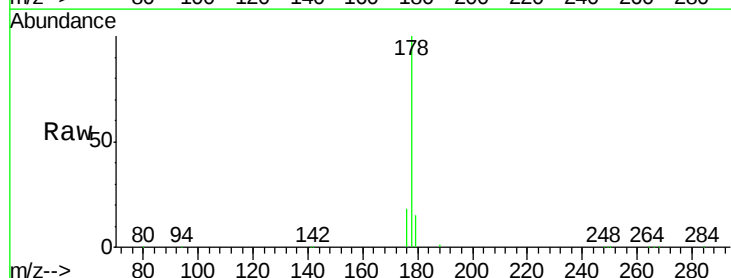
Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

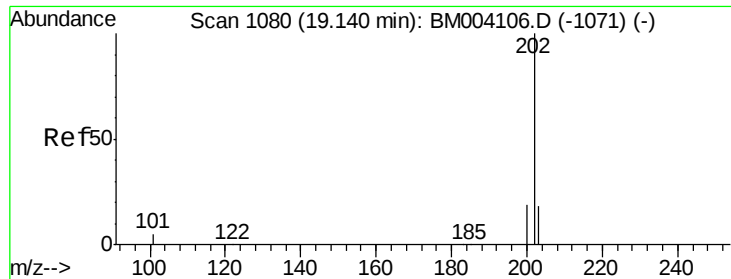
Tgt Ion:178 Resp: 48051
Ion Ratio Lower Upper
178 100
176 20.6 15.4 23.0
179 14.8 12.2 18.4



#24
Anthracene
Concen: 1.06 ng
RT: 17.19 min Scan# 982
Delta R.T. -0.00 min
Lab File: BM004165.D
Acq: 02 Feb 2016 15:55

Tgt Ion:178 Resp: 49256
Ion Ratio Lower Upper
178 100
176 18.1 14.6 21.8
179 15.4 12.6 19.0





#25

Fluoranthene

Concen: 1.02 ng

RT: 19.14 min Scan# 1080

Delta R.T. -0.00 min

Lab File: BM004165.D

Acq: 02 Feb 2016 15:55

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

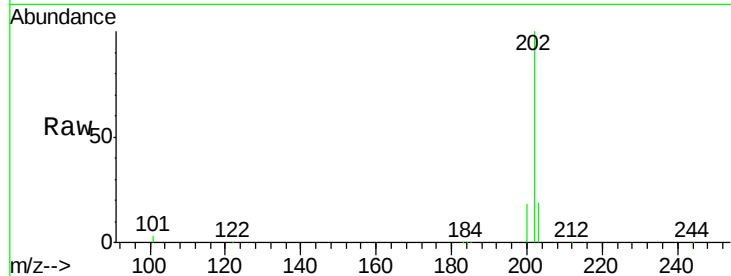
Tgt Ion:202 Resp: 56265

Ion Ratio Lower Upper

202 100

101 11.6 9.7 14.5

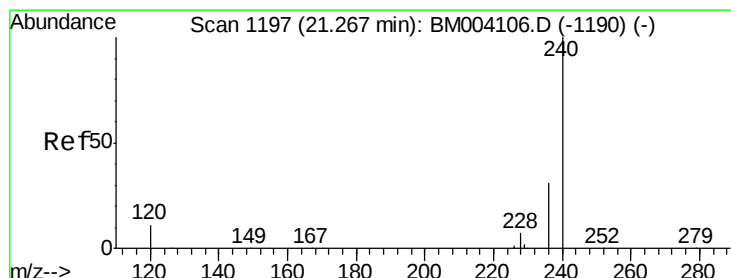
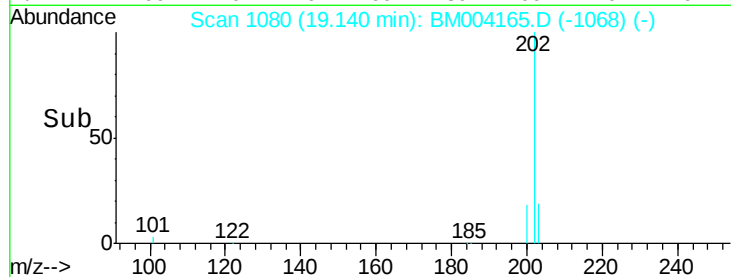
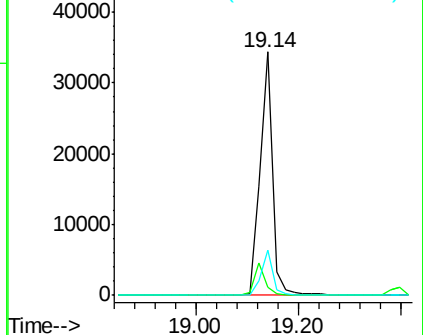
203 17.3 13.8 20.8



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: 21.27 min Scan# 1197

Delta R.T. -0.00 min

Lab File: BM004165.D

Acq: 02 Feb 2016 15:55

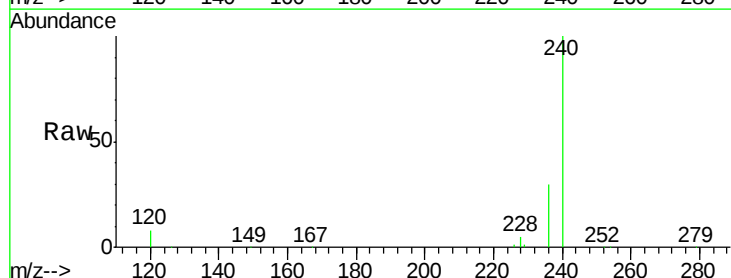
Tgt Ion:240 Resp: 223122

Ion Ratio Lower Upper

240 100

120 8.2 0.9 1.3#

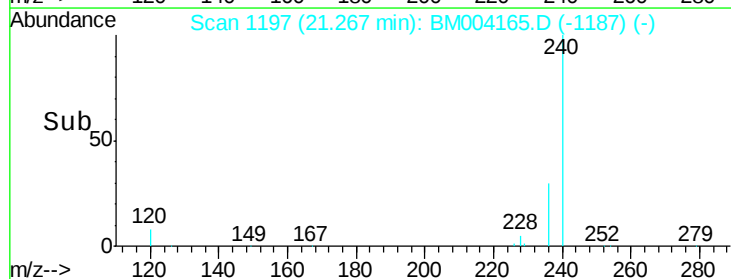
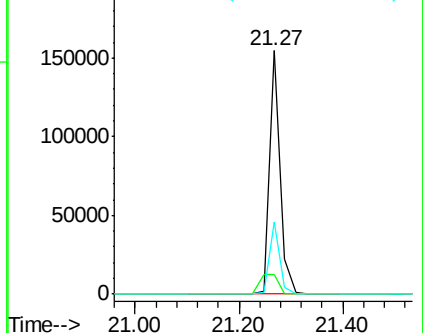
236 29.8 17.3 25.9#

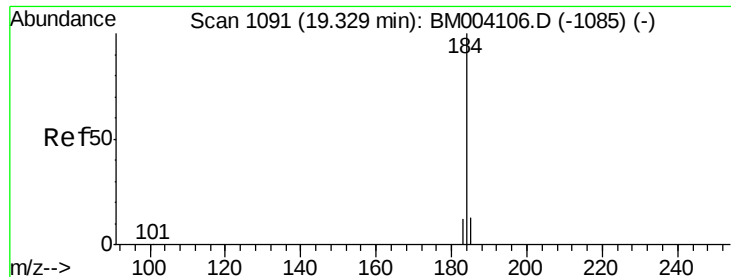


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 1.08 ng

RT: 19.33 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BM004165.D

Acq: 02 Feb 2016 15:55

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

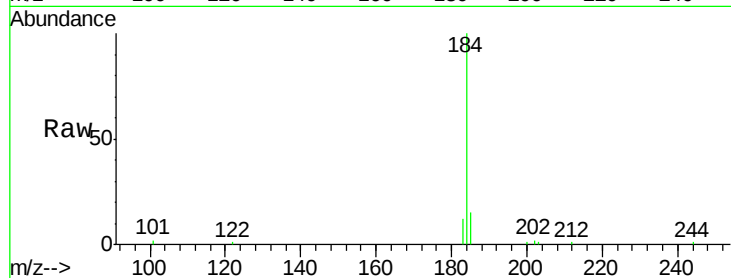
Tgt Ion:184 Resp: 10492

Ion Ratio Lower Upper

184 100

185 14.8 13.2 19.8

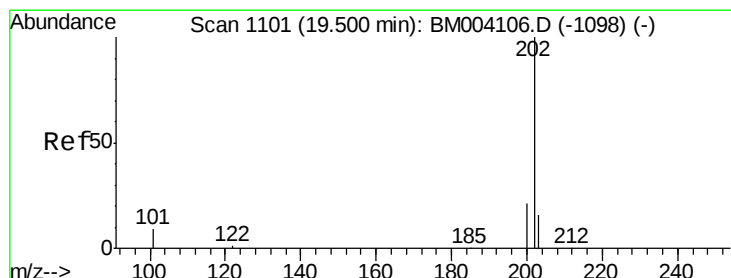
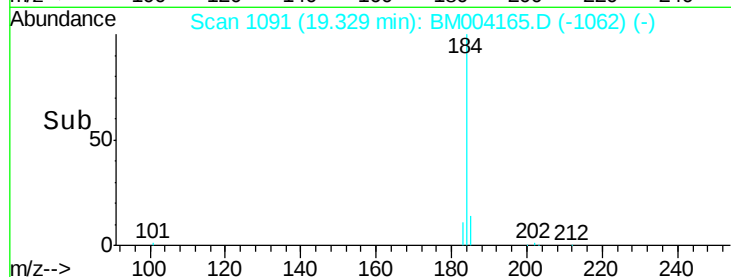
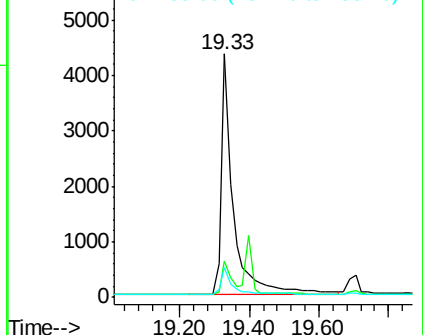
183 12.3 9.0 13.6



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: 1.01 ng

RT: 19.50 min Scan# 1101

Delta R.T. 0.00 min

Lab File: BM004165.D

Acq: 02 Feb 2016 15:55

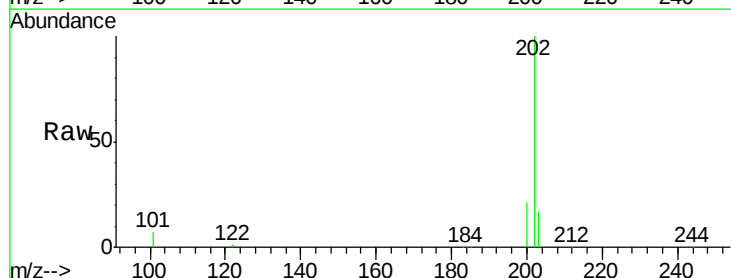
Tgt Ion:202 Resp: 63367

Ion Ratio Lower Upper

202 100

200 21.0 16.6 24.8

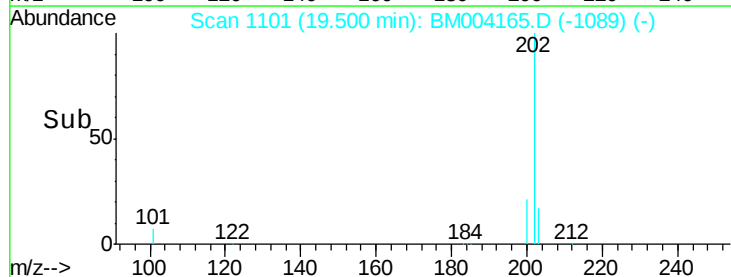
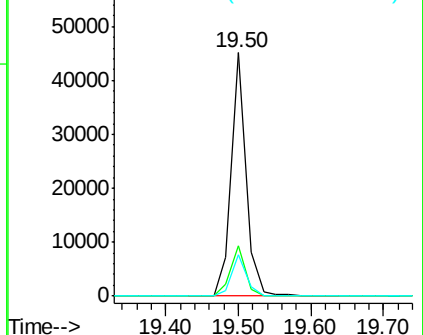
203 17.4 14.0 21.0

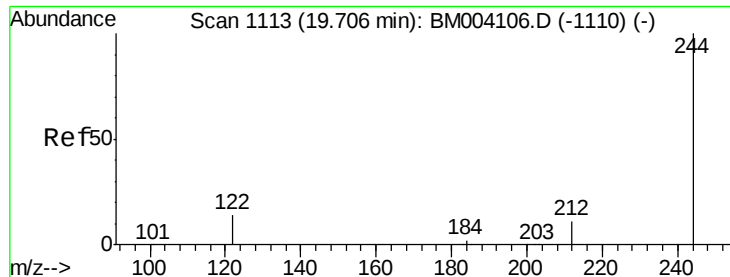


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 1.01 ng

RT: 19.71 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BM004165.D

Acq: 02 Feb 2016 15:55

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

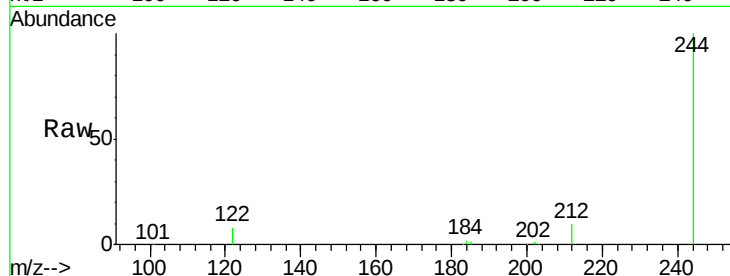
Tgt Ion:244 Resp: 28644

Ion Ratio Lower Upper

244 100

212 10.0 7.0 10.6

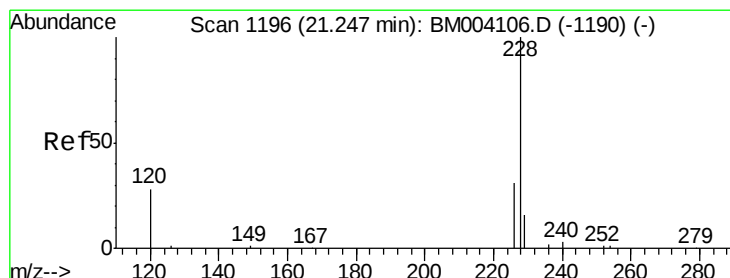
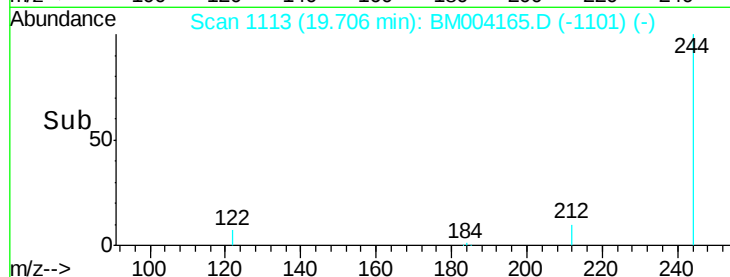
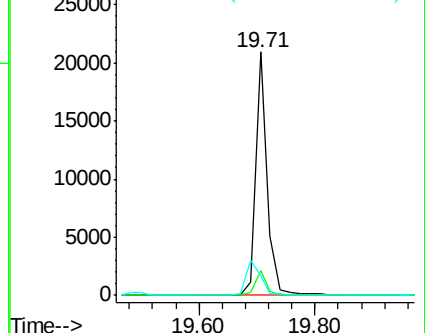
122 8.3 3.0 4.6#



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: 1.01 ng

RT: 21.25 min Scan# 1196

Delta R.T. 0.00 min

Lab File: BM004165.D

Acq: 02 Feb 2016 15:55

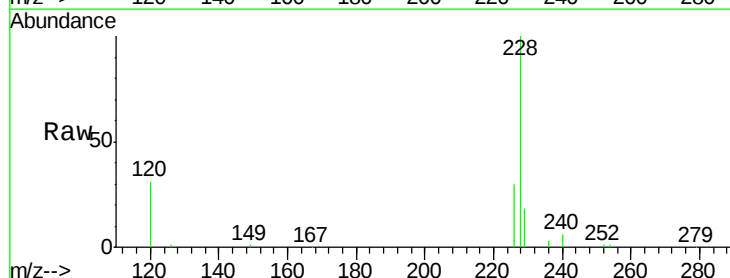
Tgt Ion:228 Resp: 68541

Ion Ratio Lower Upper

228 100

226 29.7 17.2 25.8#

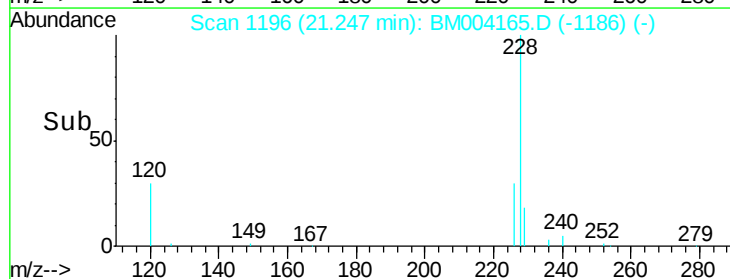
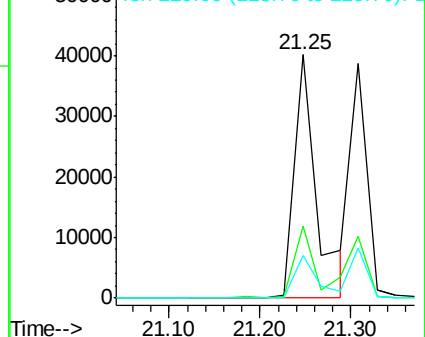
229 17.6 18.7 28.1#

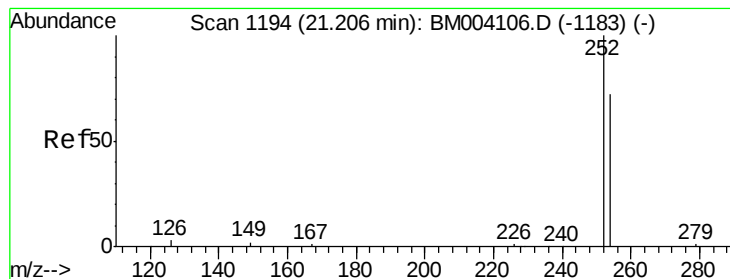


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

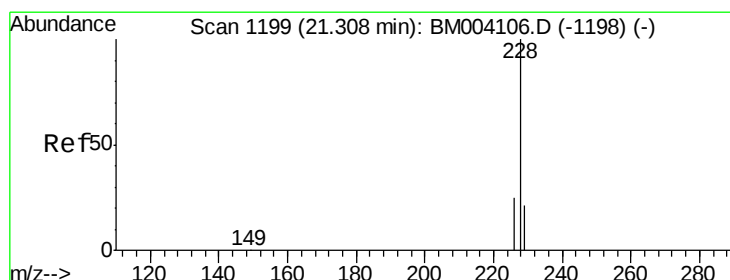
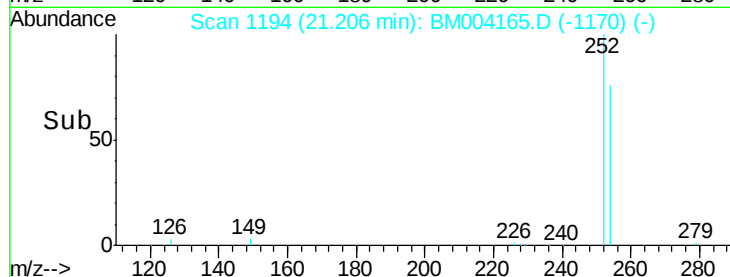
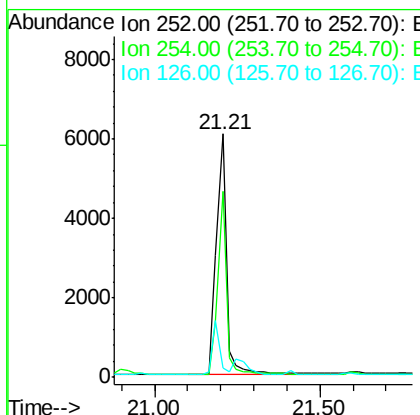
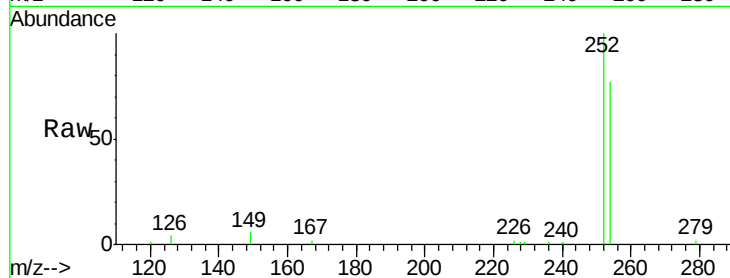




#31
 3,3'-Dichlorobenzidine
 Concen: 0.97 ng
 RT: 21.21 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BM004165.D
 Acq: 02 Feb 2016 15:55

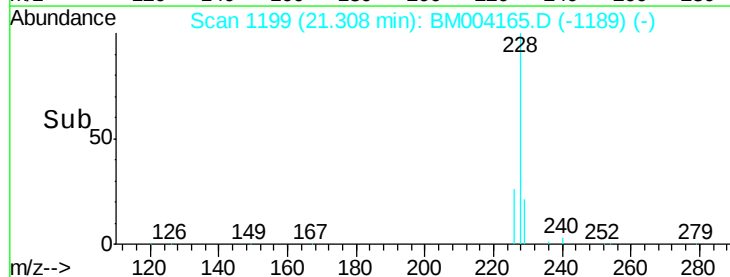
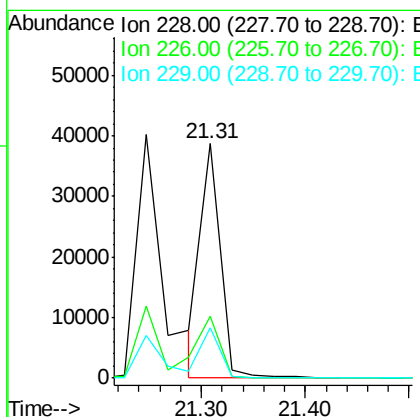
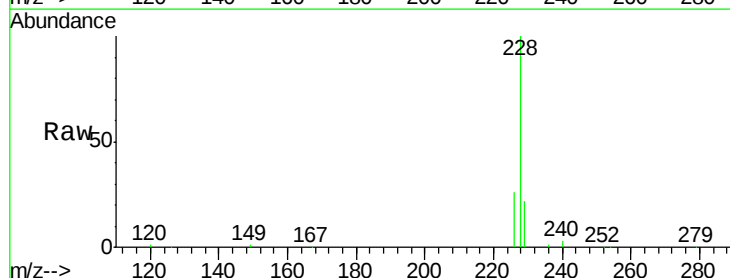
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001

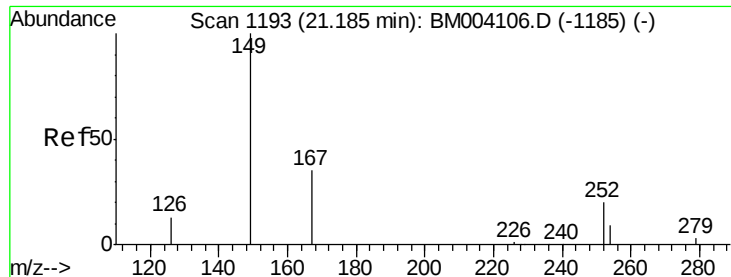
Tgt Ion: 252 Resp: 13016
 Ion Ratio Lower Upper
 252 100
 254 76.5 52.6 79.0
 126 3.8 3.7 5.5



#32
 Chrysene
 Concen: 0.81 ng
 RT: 21.31 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BM004165.D
 Acq: 02 Feb 2016 15:55

Tgt Ion: 228 Resp: 49625
 Ion Ratio Lower Upper
 228 100
 226 26.1 25.3 37.9
 229 21.6 14.5 21.7





#33

Bis(2-ethylhexyl)phthalate

Concen: 1.04 ng

RT: 21.16 min Scan# 1192

Delta R.T. -0.02 min

Lab File: BM004165.D

Acq: 02 Feb 2016 15:55

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

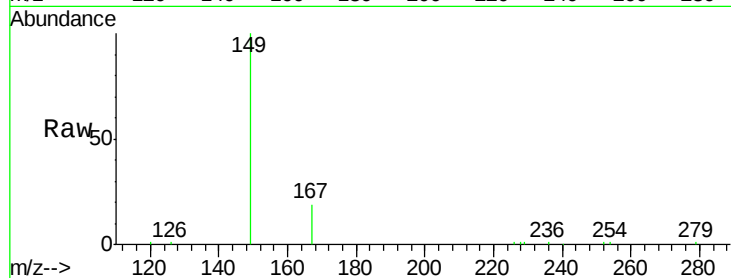
Tgt Ion:149 Resp: 22431

Ion Ratio Lower Upper

149 100

167 0.0 20.1 30.1#

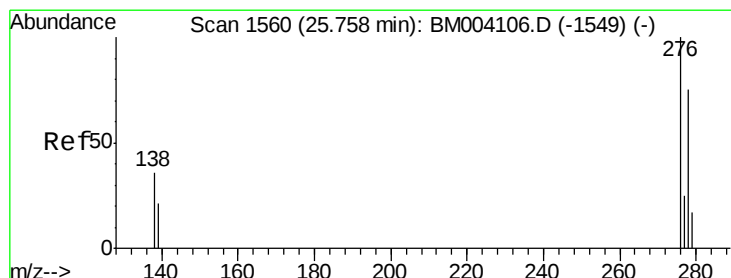
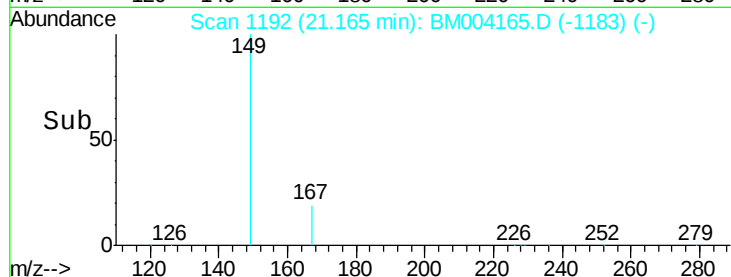
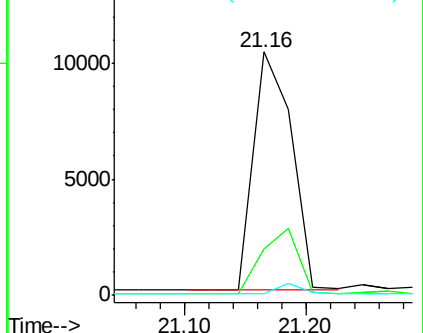
279 0.0 1.8 2.6#



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: 0.77 ng

RT: 25.75 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BM004165.D

Acq: 02 Feb 2016 15:55

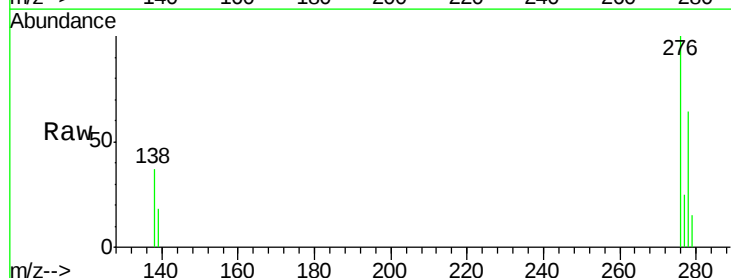
Tgt Ion:276 Resp: 50671

Ion Ratio Lower Upper

276 100

138 36.9 30.2 45.2

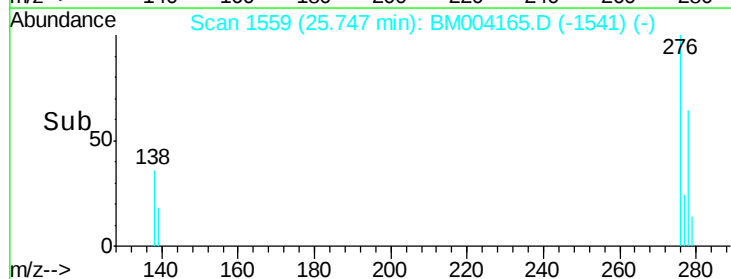
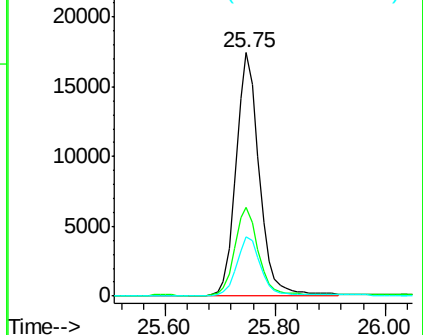
277 24.7 19.8 29.8

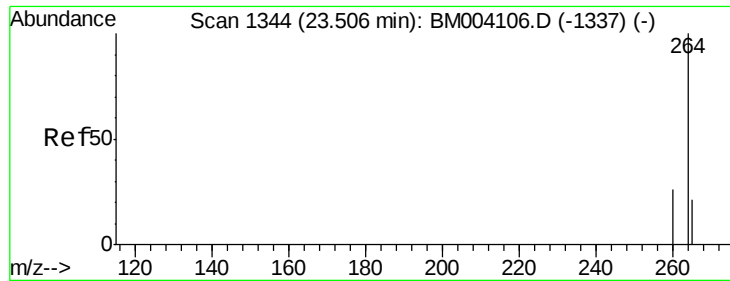


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

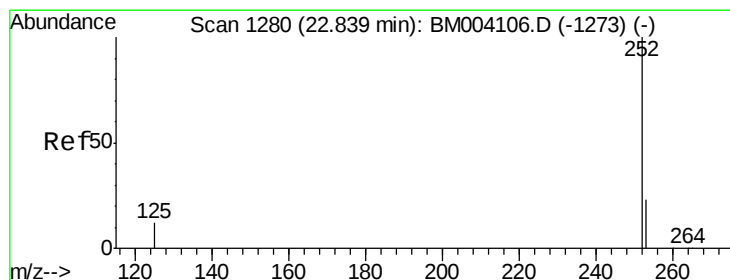
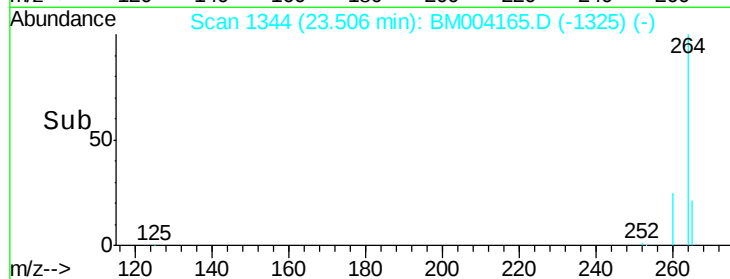
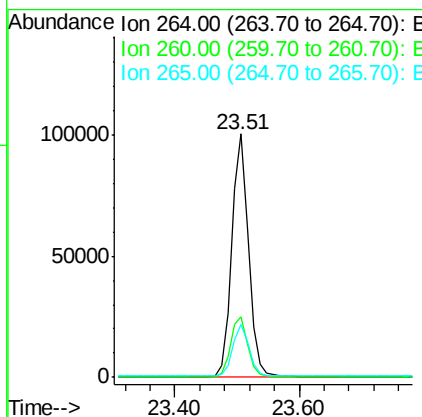
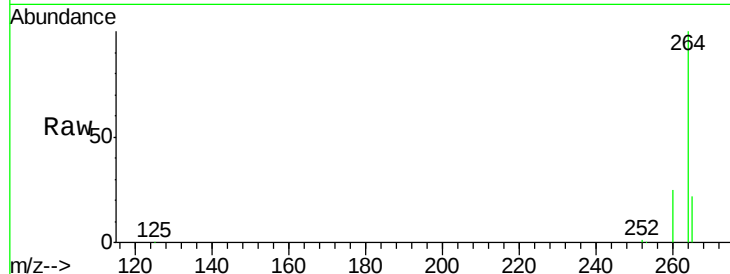




#35
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.51 min Scan# 1344
 Delta R.T. -0.00 min
 Lab File: BM004165.D
 Acq: 02 Feb 2016 15:55

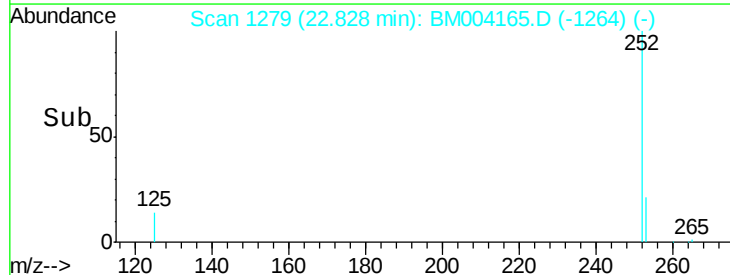
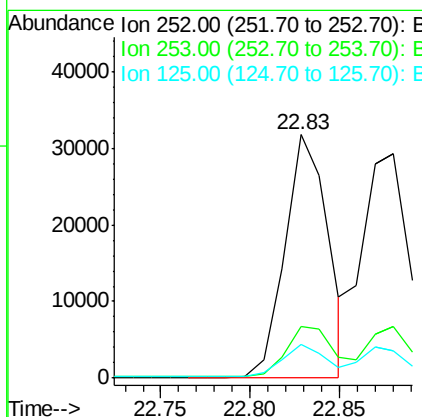
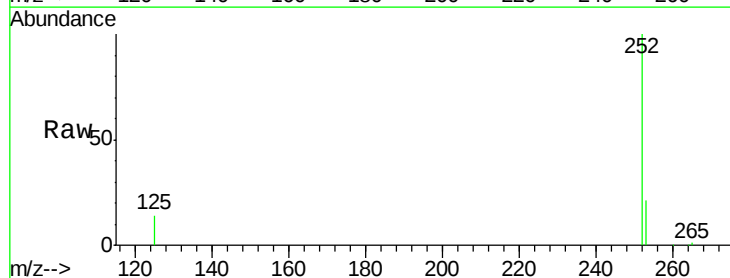
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001

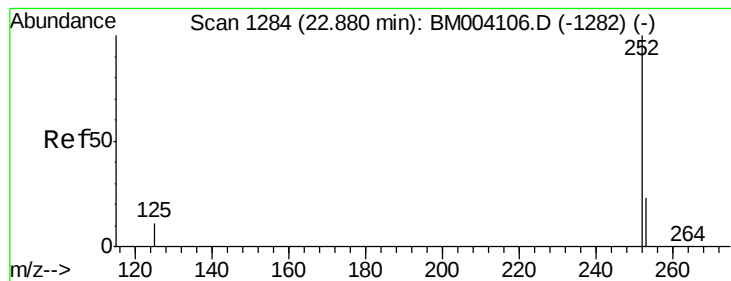
Tgt Ion: 264 Resp: 190369
 Ion Ratio Lower Upper
 264 100
 260 25.1 21.2 31.8
 265 21.8 16.7 25.1



#36
 Benzo(b)fluoranthene
 Concen: 0.90 ng
 RT: 22.83 min Scan# 1279
 Delta R.T. -0.01 min
 Lab File: BM004165.D
 Acq: 02 Feb 2016 15:55

Tgt Ion: 252 Resp: 53313
 Ion Ratio Lower Upper
 252 100
 253 21.0 18.8 28.2
 125 14.0 10.2 15.4





#37

Benzo(k)fluoranthene

Concen: 1.03 ng

RT: 22.88 min Scan# 1284

Delta R.T. -0.00 min

Lab File: BM004165.D

Acq: 02 Feb 2016 15:55

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

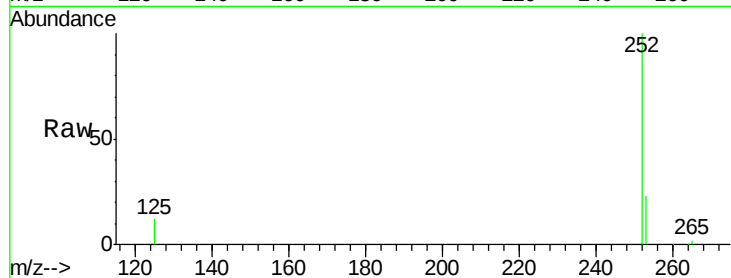
Tgt Ion: 252 Resp: 54879

Ion Ratio Lower Upper

252 100

253 23.2 18.3 27.5

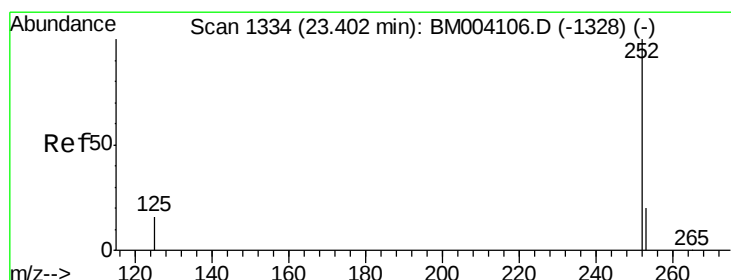
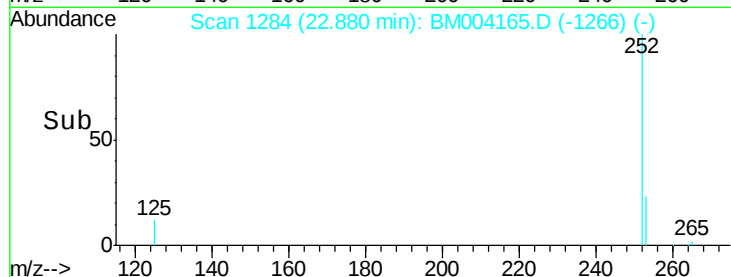
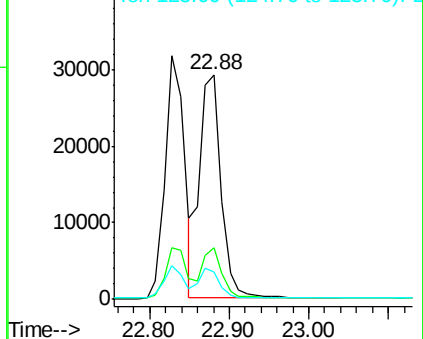
125 12.4 10.6 15.8



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: 0.95 ng

RT: 23.40 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BM004165.D

Acq: 02 Feb 2016 15:55

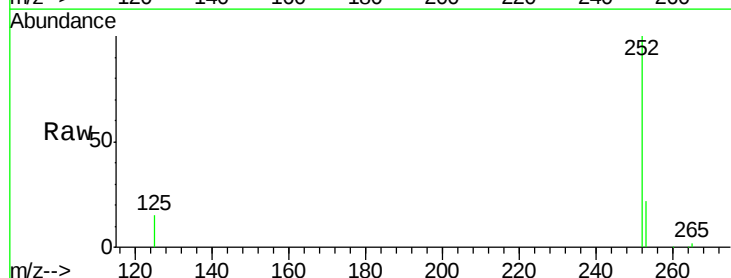
Tgt Ion: 252 Resp: 49145

Ion Ratio Lower Upper

252 100

253 21.8 18.7 28.1

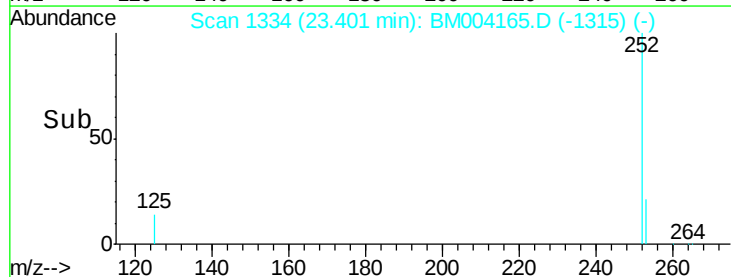
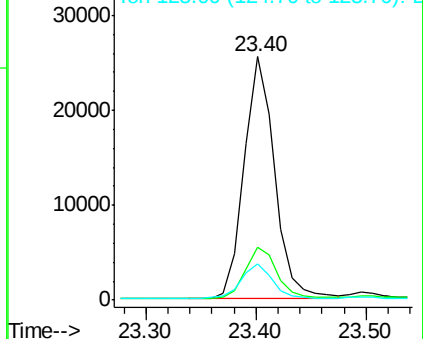
125 14.9 11.8 17.8

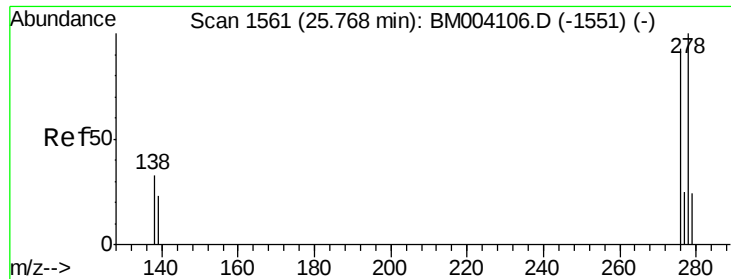


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Dibenzo(a,h)anthracene

Concen: 0.86 ng

RT: 25.76 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BM004165.D

Acq: 02 Feb 2016 15:55

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

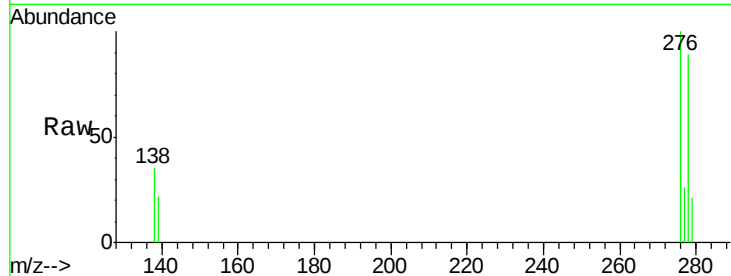
Tgt Ion: 278 Resp: 39955

Ion Ratio Lower Upper

278 100

139 24.2 19.0 28.6

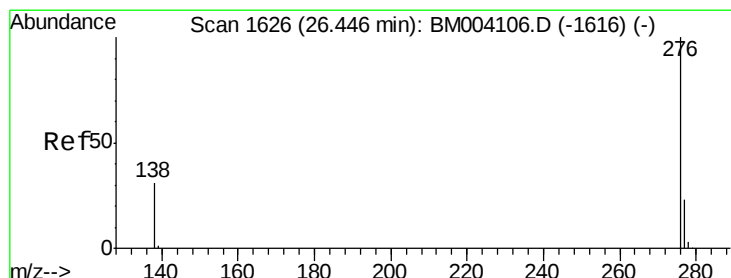
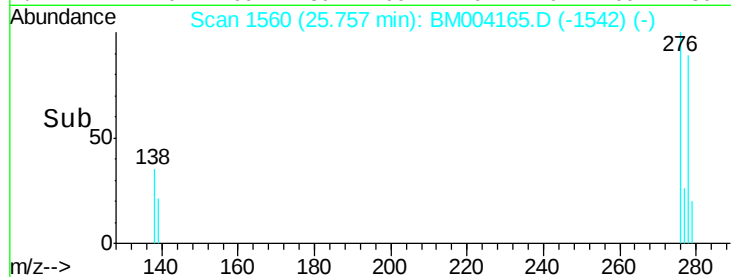
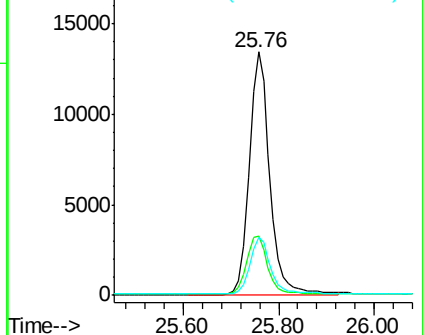
279 23.7 19.6 29.4



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: 0.86 ng

RT: 26.43 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BM004165.D

Acq: 02 Feb 2016 15:55

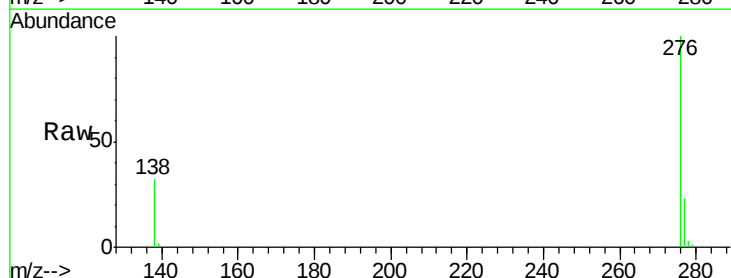
Tgt Ion: 276 Resp: 43643

Ion Ratio Lower Upper

276 100

277 23.3 19.1 28.7

138 32.1 25.0 37.4



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

