

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012216\
 Data File : BM004107.D
 Acq On : 21 Jan 2016 19:52
 Operator : SJ/UM
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC002

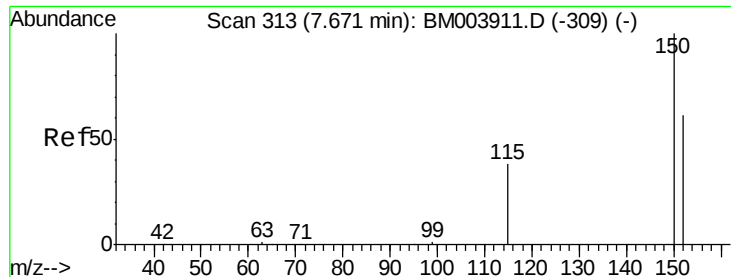
Quant Time: Jan 22 01:22:07 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BM010216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 13:33:21 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	33830	5.00	ng	0.00
7) Naphthalene-d8	10.44	136	143878	5.00	ng	-0.02
13) Acenaphthene-d10	14.31	164	82689	5.00	ng	-0.02
19) Phenanthrene-d10	17.06	188	220807	5.00	ng	0.00
26) Chrysene-d12	21.27	240	223177	5.00	ng	0.00
35) Perylene-d12	23.51	264	218010	5.00	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	6585	0.95	ng	-0.02
5) Phenol-d6	6.85	99	7922	0.93	ng	0.00
8) Nitrobenzene-d5	8.83	82	6510	0.92	ng	-0.01
14) 2,4,6-Tribromophenol	15.81	330	2200	1.10	ng	0.00
15) 2-Fluorobiphenyl	12.93	172	25160	0.94	ng	-0.01
29) Terphenyl-d14	19.71	244	28007	0.78	ng	-0.02

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.17	88	3011	1.01	ng	97
3) n-Nitrosodimethylamine	3.48	42	3095	0.88	ng	96
6) bis(2-Chloroethyl)ether	7.09	93	7377	0.95	ng	98
9) Nitrobenzene	8.87	77	6964	0.91	ng	99
10) Naphthalene	10.49	128	31028	0.99	ng	98
11) Hexachlorobutadiene	10.78	225	4766	0.99	ng	100
12) 2-Methylnaphthalene	12.12	142	21578	1.01	ng	100
16) Acenaphthylene	14.02	152	34579	1.00	ng	100
17) Acenaphthene	14.37	154	24501	1.02	ng	97
18) Fluorene	15.37	166	30003	1.05	ng	99
20) 4-Bromophenyl-phenylether	16.24	248	6939	1.02	ng	# 71
21) Hexachlorobenzene	16.37	284	7572	1.04	ng	# 67
22) Pentachlorophenol	16.73	266	1980	1.18	ng	# 83
23) Phenanthrene	17.09	178	44916	1.05	ng	98
24) Anthracene	17.19	178	49267	1.11	ng	99
25) Fluoranthene	19.14	202	55853	1.14	ng	100
27) Benzidine	19.33	184	8702	0.60	ng	97
28) Pyrene	19.50	202	63022	0.79	ng	100
30) Benzo(a)anthracene	21.25	228	64748	1.02	ng	# 83
31) 3,3'-Dichlorobenzidine	21.21	252	15159	0.96	ng	# 88
32) Chrysene	21.31	228	58461	0.89	ng	92
33) Bis(2-ethylhexyl)phthalate	21.19	149	23874	0.93	ng	# 92
34) Indeno(1,2,3-cd)pyrene	25.75	276	66386	1.41	ng	100
36) Benzo(b)fluoranthene	22.84	252	66012	0.99	ng	99
37) Benzo(k)fluoranthene	22.88	252	56112	0.87	ng	99
38) Benzo(a)pyrene	23.40	252	56399	0.99	ng	96
39) Dibenzo(a,h)anthracene	25.77	278	52565	1.09	ng	98
40) Benzo(g,h,i)perylene	26.45	276	54951	1.07	ng	99

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

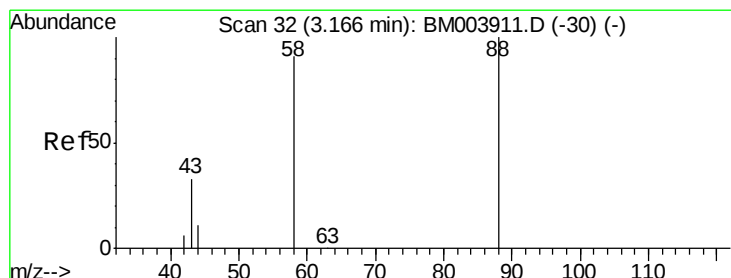
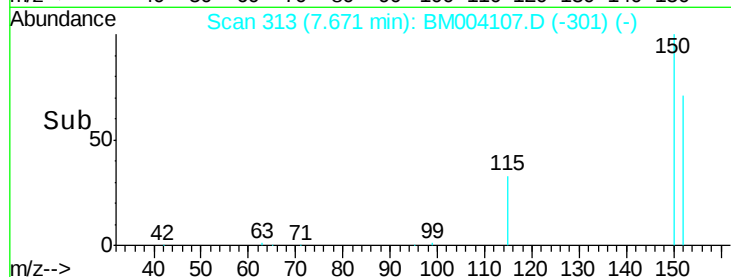
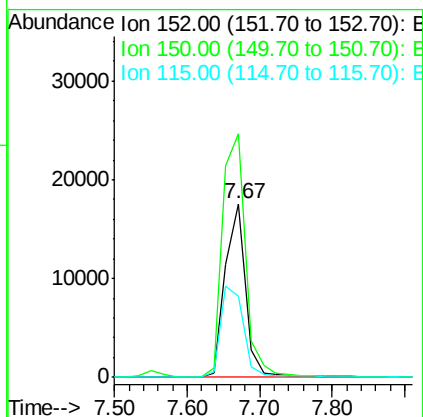
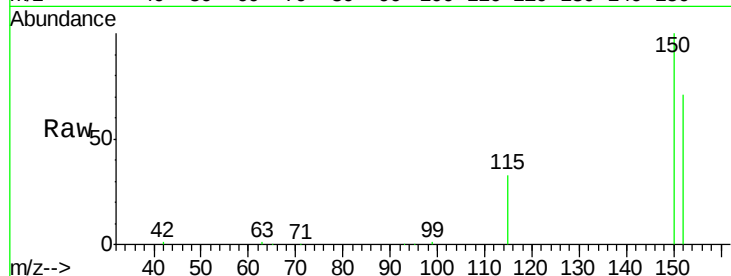


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.67 min Scan# 313
Delta R.T. 0.00 min
Lab File: BM004107.D
Acq: 21 Jan 2016 19:52

Instrument :
BNA_M
ClientSampleId :
SSTDIC002

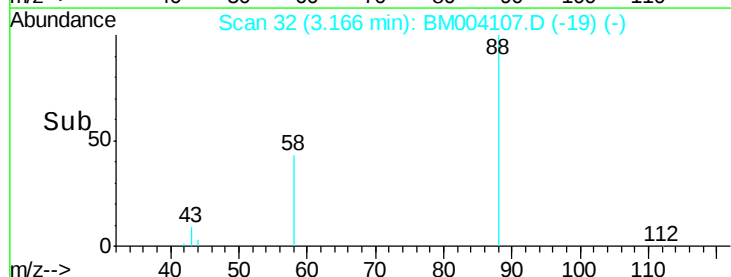
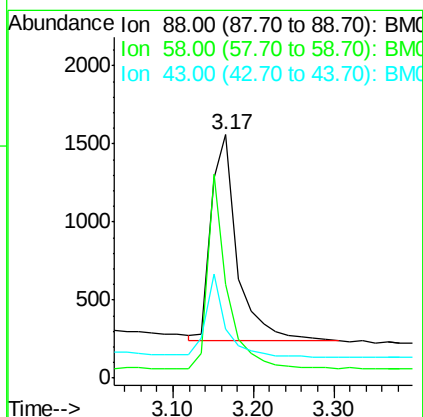
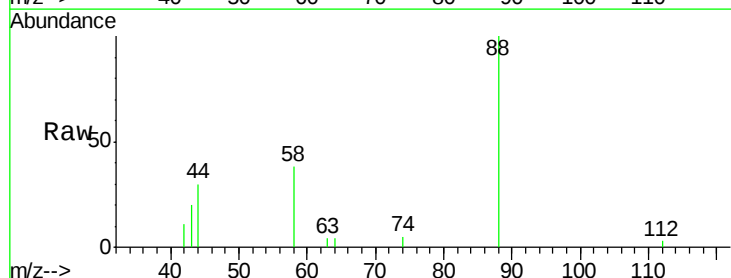
Tgt Ion:152 Resp: 33830
Ion Ratio Lower Upper
152 100
150 140.5 122.9 184.3
115 46.8 44.4 66.6

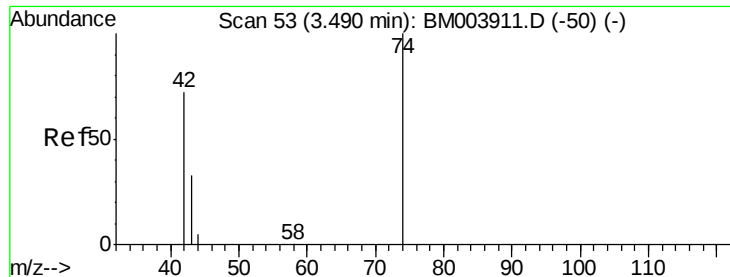


#2

1,4-Dioxane
Concen: 1.01 ng
RT: 3.17 min Scan# 32
Delta R.T. 0.00 min
Lab File: BM004107.D
Acq: 21 Jan 2016 19:52

Tgt Ion: 88 Resp: 3011
Ion Ratio Lower Upper
88 100
58 69.8 53.8 80.6
43 31.4 23.8 35.6





#3

n-Nitrosodimethylamine

Concen: 0.88 ng

RT: 3.48 min Scan# 52

Delta R.T. -0.02 min

Lab File: BM004107.D

Acq: 21 Jan 2016 19:52

Instrument :

BNA_M

ClientSampleId :

SSTDICC002

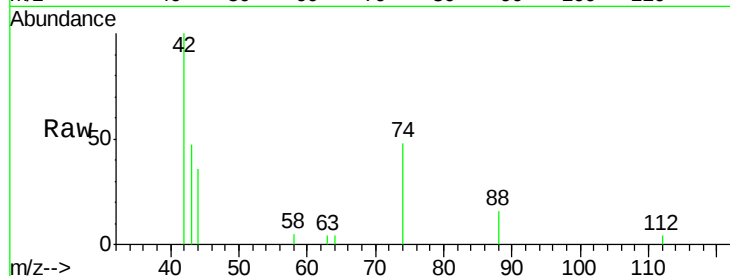
Tgt Ion: 42 Resp: 3095

Ion Ratio Lower Upper

42 100

74 123.2 95.0 142.4

44 7.2 5.1 7.7



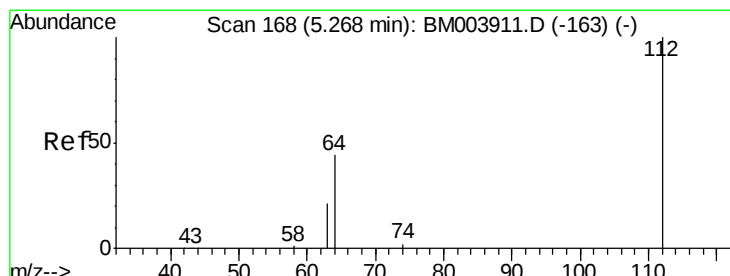
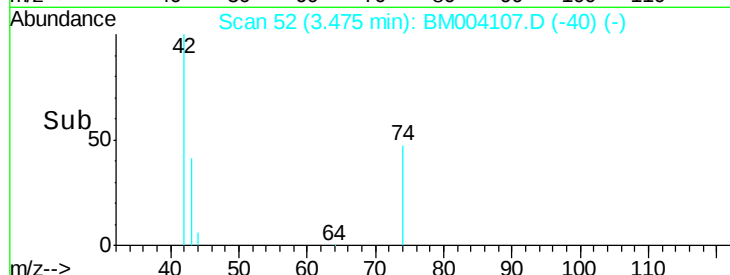
Abundance Ion 42.00 (41.70 to 42.70): BM004107.D (-40) (-)

Ion 74.00 (73.70 to 74.70): BM004107.D (-40) (-)

Ion 44.00 (43.70 to 44.70): BM004107.D (-40) (-)

3.48

Time-->



#4

2-Fluorophenol

Concen: 0.95 ng

RT: 5.25 min Scan# 167

Delta R.T. -0.02 min

Lab File: BM004107.D

Acq: 21 Jan 2016 19:52

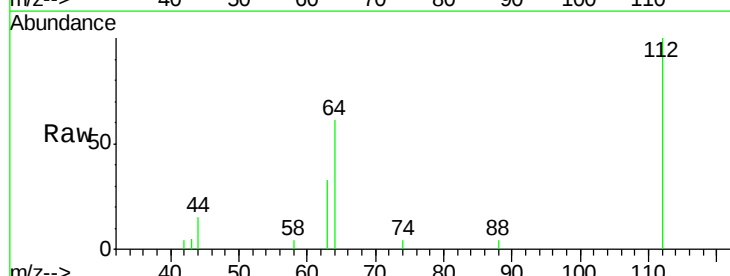
Tgt Ion: 112 Resp: 6585

Ion Ratio Lower Upper

112 100

64 51.9 41.8 62.8

63 27.4 22.1 33.1



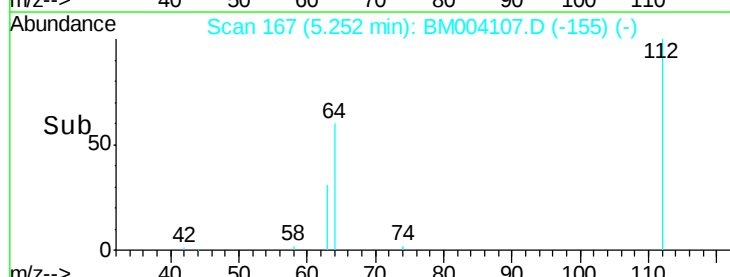
Abundance Ion 112.00 (111.70 to 112.70): BM004107.D (-155) (-)

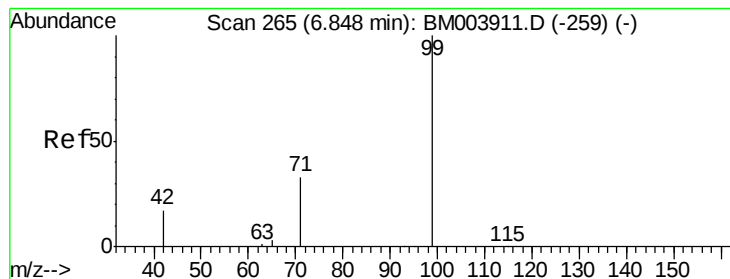
Ion 64.00 (63.70 to 64.70): BM004107.D (-155) (-)

Ion 63.00 (62.70 to 63.70): BM004107.D (-155) (-)

5.25

Time-->





#5

Phenol-d6

Concen: 0.93 ng

RT: 6.85 min Scan# 265

Delta R.T. 0.00 min

Lab File: BM004107.D

Acq: 21 Jan 2016 19:52

Instrument :

BNA_M

ClientSampleId :

SSTDICC002

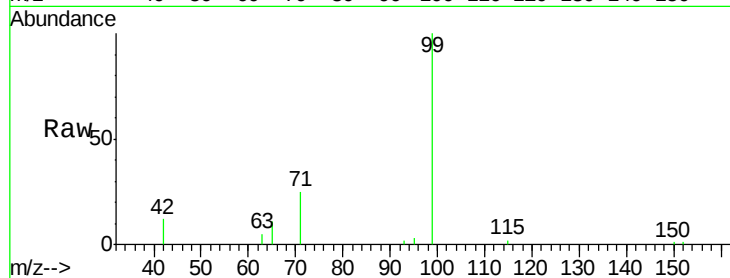
Tgt Ion: 99 Resp: 7922

Ion Ratio Lower Upper

99 100

42 19.2 16.2 24.2

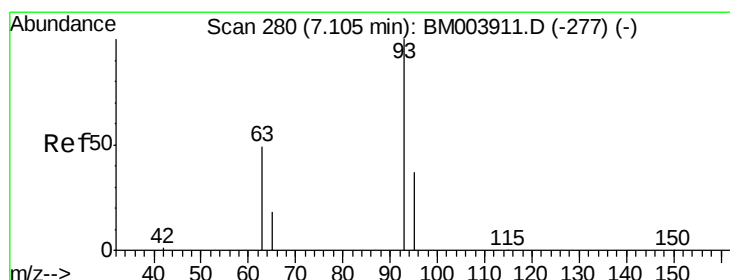
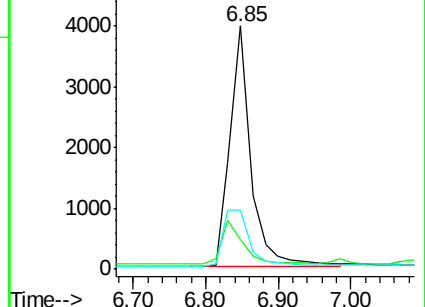
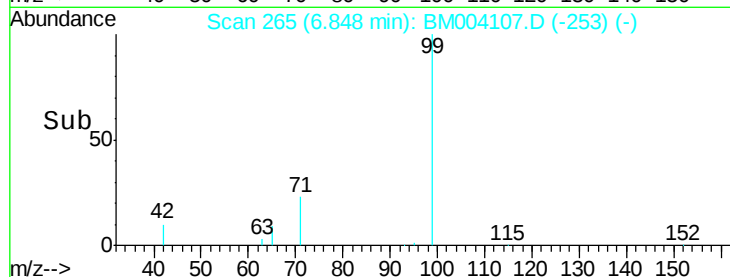
71 30.5 24.4 36.6



Abundance Ion 99.00 (98.70 to 99.70): BM004107.D (-253) (-)

Ion 42.00 (41.70 to 42.70): BM004107.D (-253) (-)

Ion 71.00 (70.70 to 71.70): BM004107.D (-253) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.95 ng

RT: 7.09 min Scan# 279

Delta R.T. -0.02 min

Lab File: BM004107.D

Acq: 21 Jan 2016 19:52

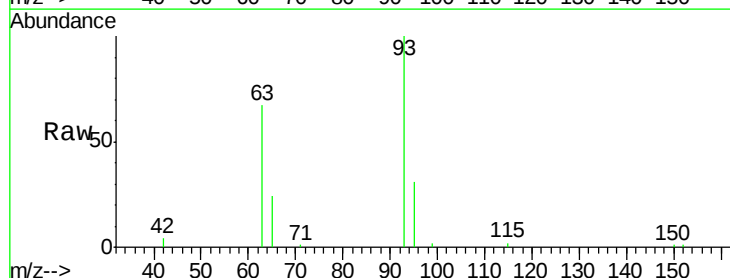
Tgt Ion: 93 Resp: 7377

Ion Ratio Lower Upper

93 100

63 71.9 58.3 87.5

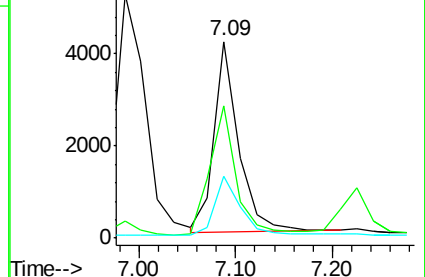
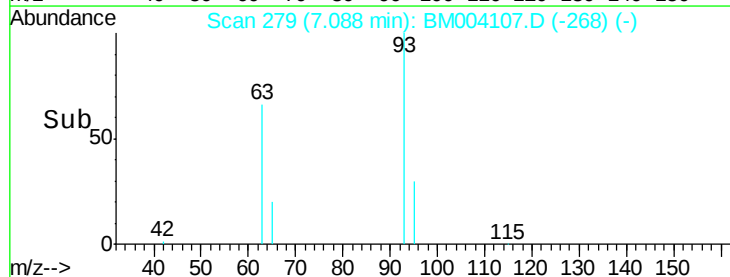
95 33.6 25.8 38.8

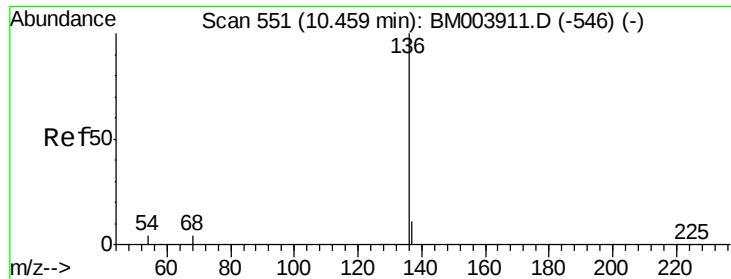


Abundance Ion 93.00 (92.70 to 93.70): BM004107.D (-268) (-)

Ion 63.00 (62.70 to 63.70): BM004107.D (-268) (-)

Ion 95.00 (94.70 to 95.70): BM004107.D (-268) (-)





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.44 min Scan# 550

Delta R.T. -0.02 min

Lab File: BM004107.D

Acq: 21 Jan 2016 19:52

Instrument :

BNA_M

ClientSampleId :

SSTDICC002

Tgt Ion:136 Resp: 143878

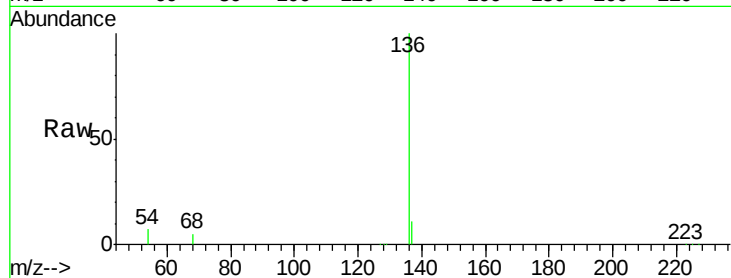
Ion Ratio Lower Upper

136 100

137 10.5 9.2 13.8

54 6.8 2.8 4.2#

68 5.3 2.5 3.7#

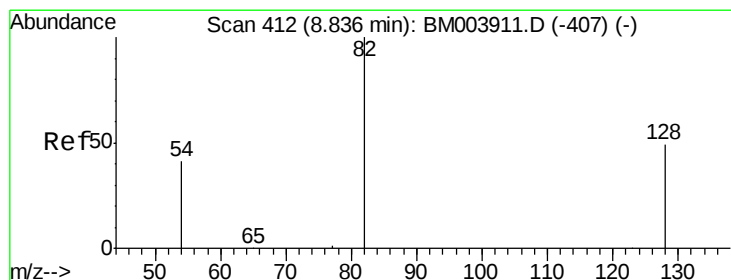
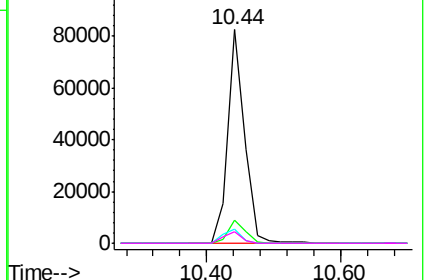
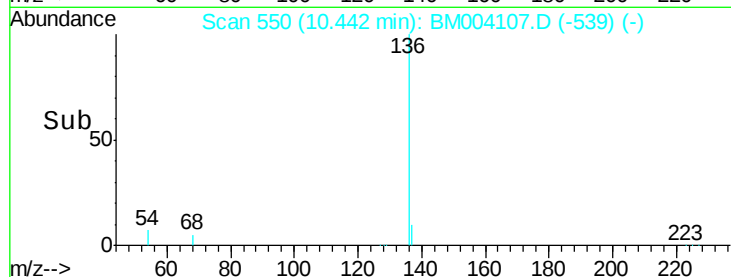


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#8

Nitrobenzene-d5

Concen: 0.92 ng

RT: 8.83 min Scan# 411

Delta R.T. -0.01 min

Lab File: BM004107.D

Acq: 21 Jan 2016 19:52

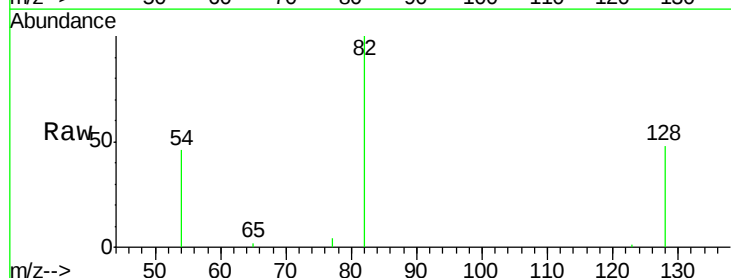
Tgt Ion: 82 Resp: 6510

Ion Ratio Lower Upper

82 100

128 47.5 39.1 58.7

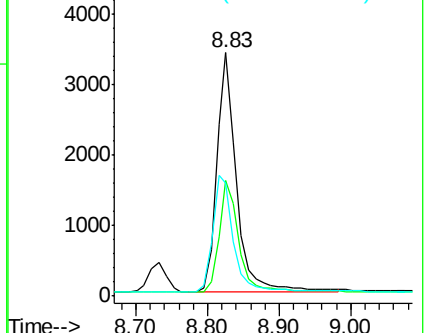
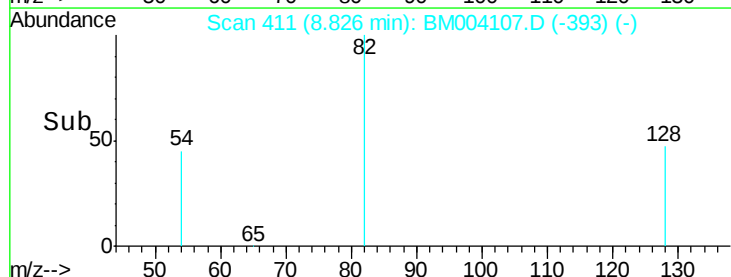
54 46.4 34.8 52.2

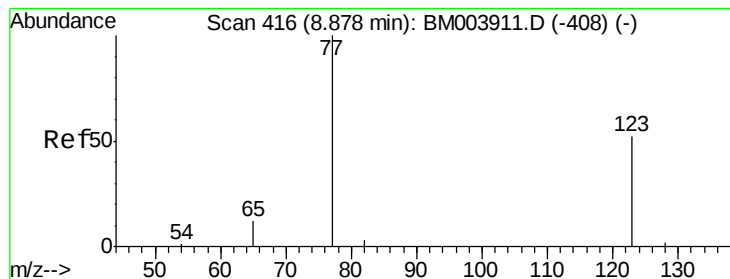


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#9

Nitrobenzene

Concen: 0.91 ng

RT: 8.87 min Scan# 415

Delta R.T. -0.01 min

Lab File: BM004107.D

Acq: 21 Jan 2016 19:52

Instrument :

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SSTDICC002

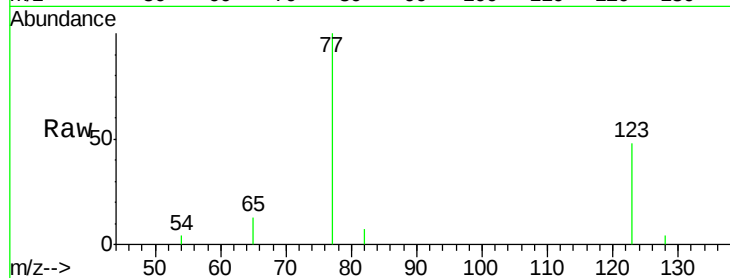
Tgt Ion: 77 Resp: 6964

Ion Ratio Lower Upper

77 100

123 48.8 38.6 57.8

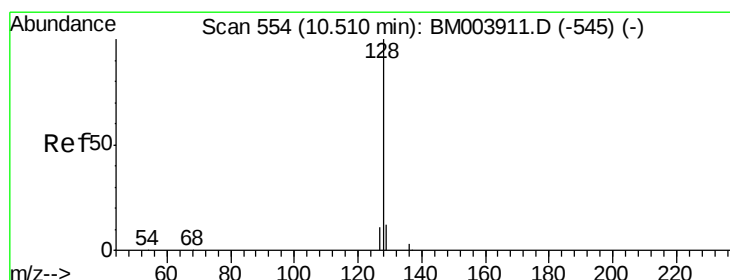
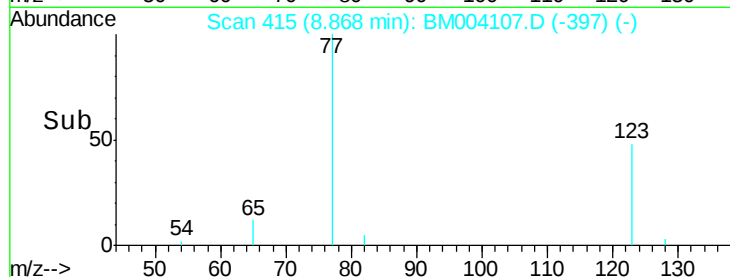
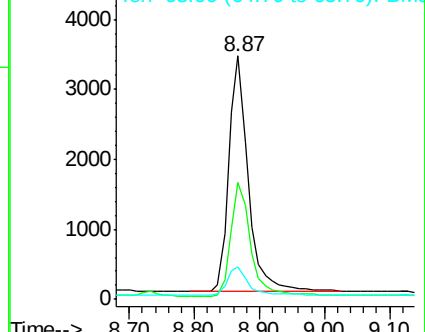
65 12.5 9.9 14.9



Abundance Ion 77.00 (76.70 to 77.70): BM003911.D (-408) (-)

Ion 123.00 (122.70 to 123.70): BM003911.D (-408) (-)

Ion 65.00 (64.70 to 65.70): BM003911.D (-408) (-)



#10

Naphthalene

Concen: 0.99 ng

RT: 10.49 min Scan# 553

Delta R.T. -0.02 min

Lab File: BM004107.D

Acq: 21 Jan 2016 19:52

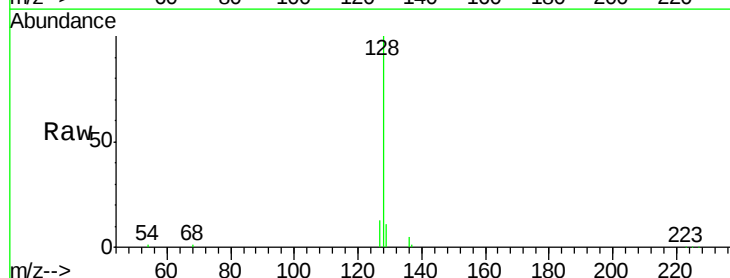
Tgt Ion: 128 Resp: 31028

Ion Ratio Lower Upper

128 100

129 11.2 8.5 12.7

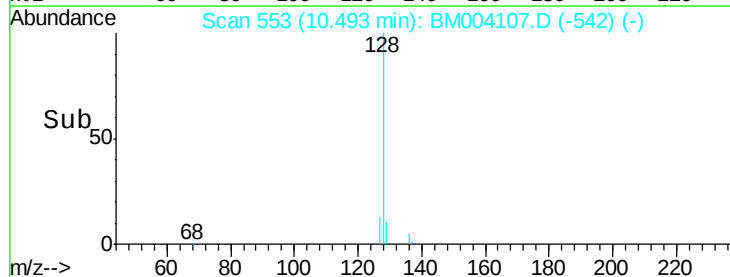
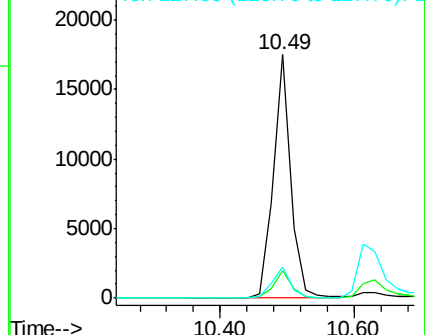
127 12.8 11.0 16.4

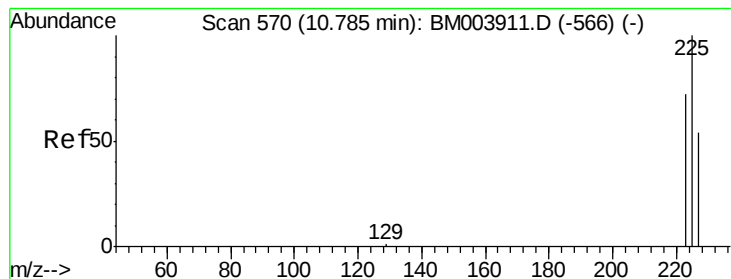


Abundance Ion 128.00 (127.70 to 128.70): BM003911.D (-545) (-)

Ion 129.00 (128.70 to 129.70): BM003911.D (-545) (-)

Ion 127.00 (126.70 to 127.70): BM003911.D (-545) (-)





#11

Hexachlorobutadiene

Concen: 0.99 ng

RT: 10.78 min Scan# 570

Delta R.T. 0.00 min

Lab File: BM004107.D

Acq: 21 Jan 2016 19:52

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SSTDICC002

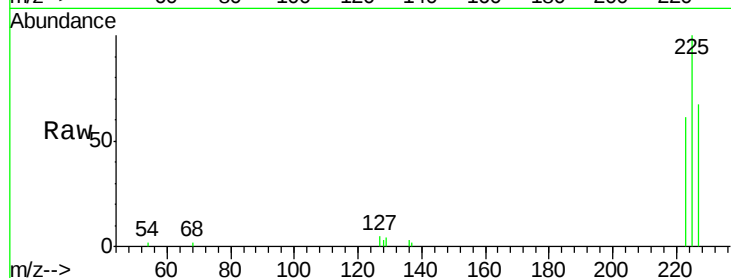
Tgt Ion:225 Resp: 4766

Ion Ratio Lower Upper

225 100

223 63.3 50.9 76.3

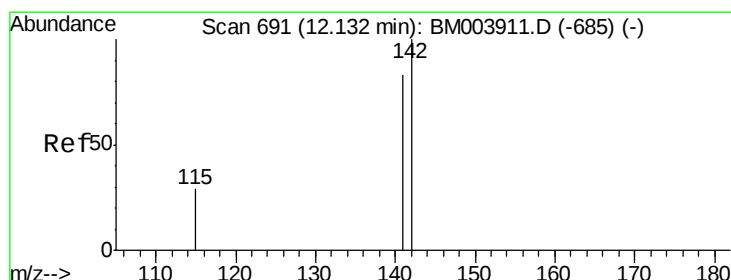
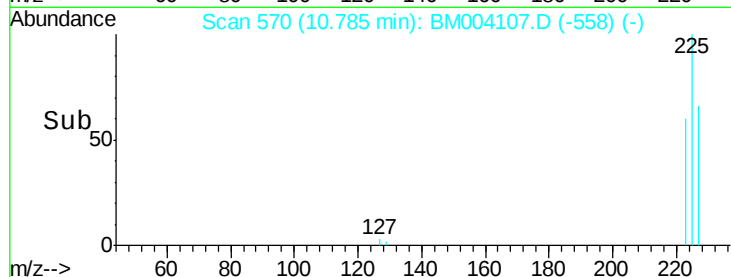
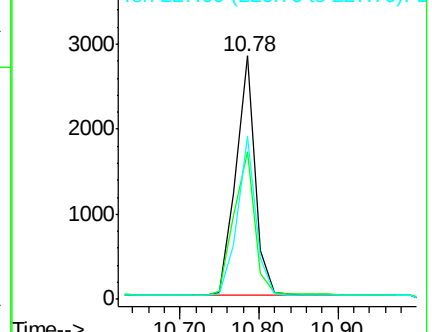
227 63.8 51.2 76.8



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#12

2-Methylnaphthalene

Concen: 1.01 ng

RT: 12.12 min Scan# 690

Delta R.T. -0.01 min

Lab File: BM004107.D

Acq: 21 Jan 2016 19:52

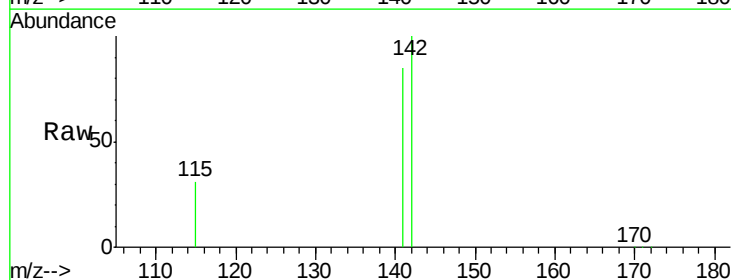
Tgt Ion:142 Resp: 21578

Ion Ratio Lower Upper

142 100

141 85.0 67.8 101.8

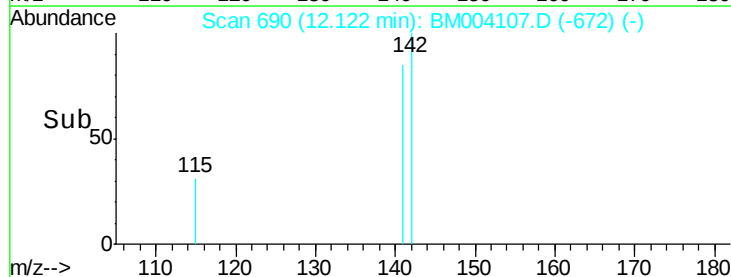
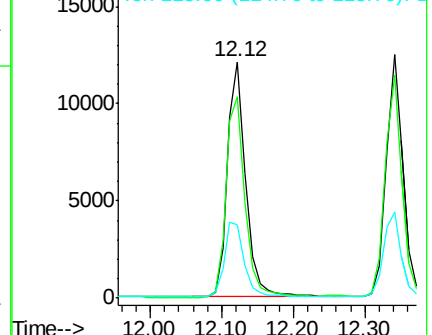
115 30.9 25.3 37.9

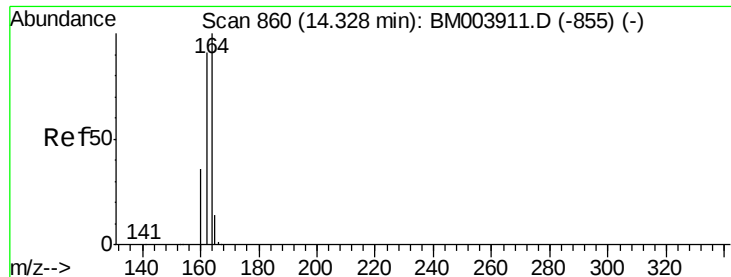


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.31 min Scan# 859

Delta R.T. -0.02 min

Lab File: BM004107.D

Acq: 21 Jan 2016 19:52

Instrument :

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ClientSampleId :

SSTDIC002

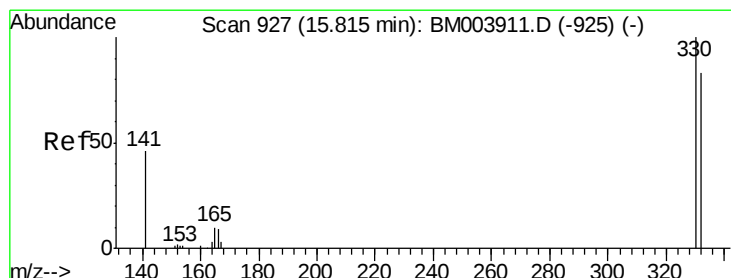
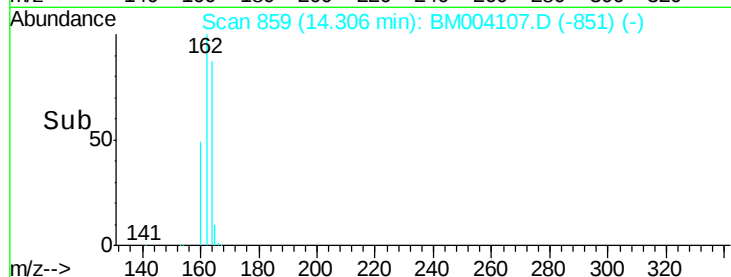
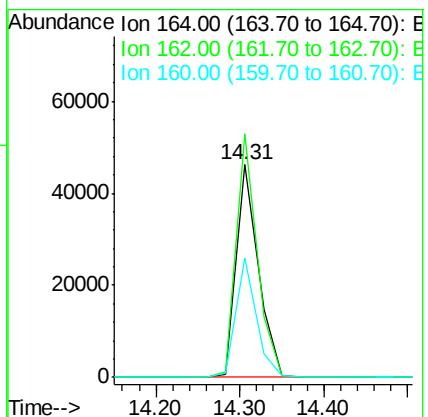
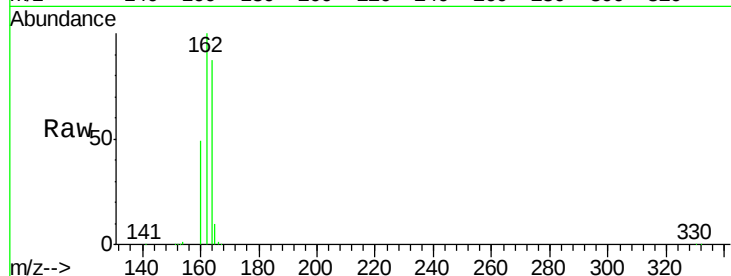
Tgt Ion:164 Resp: 82689

Ion Ratio Lower Upper

164 100

162 114.6 86.0 129.0

160 56.4 40.3 60.5



#14

2,4,6-Tribromophenol

Concen: 1.10 ng

RT: 15.81 min Scan# 927

Delta R.T. 0.00 min

Lab File: BM004107.D

Acq: 21 Jan 2016 19:52

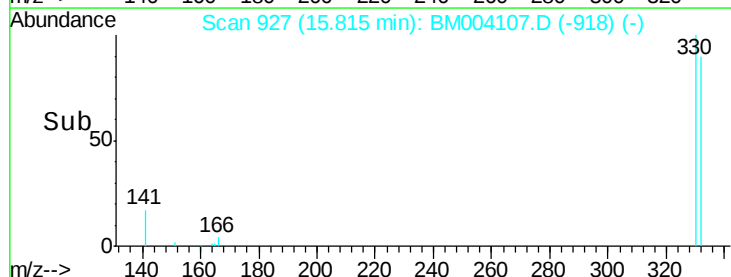
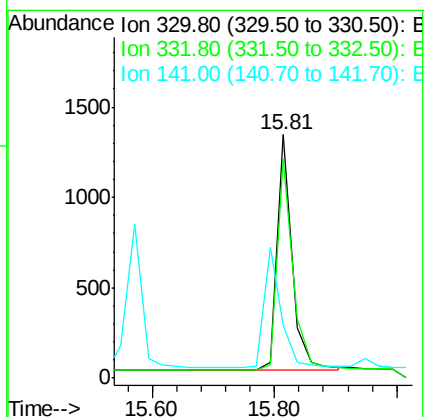
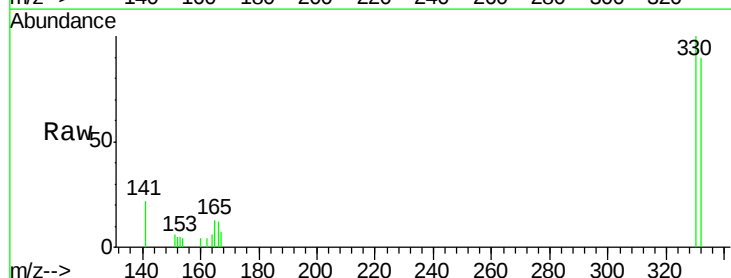
Tgt Ion:330 Resp: 2200

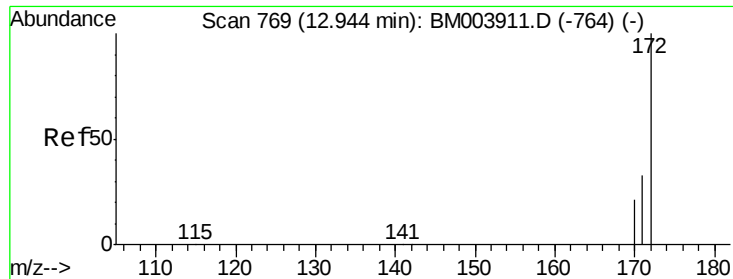
Ion Ratio Lower Upper

330 100

332 93.7 79.0 118.4

141 0.0 0.0 0.0

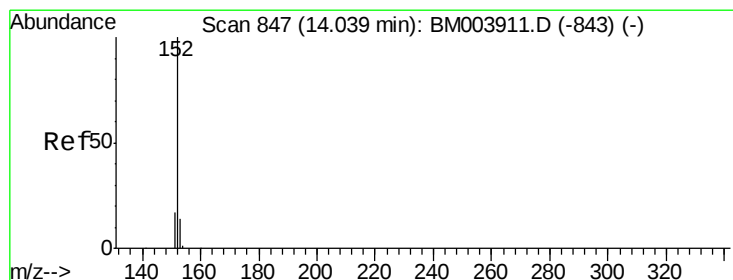
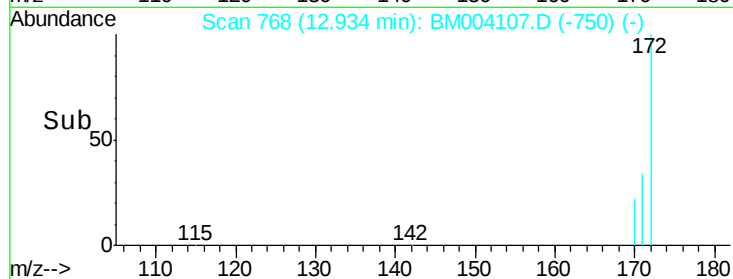
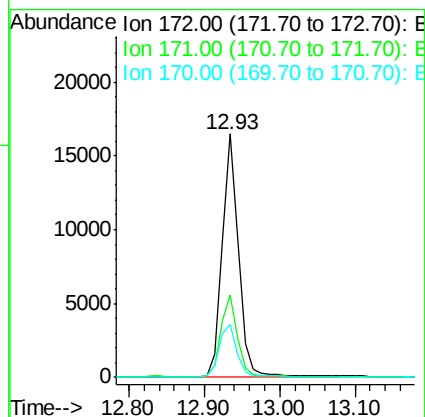
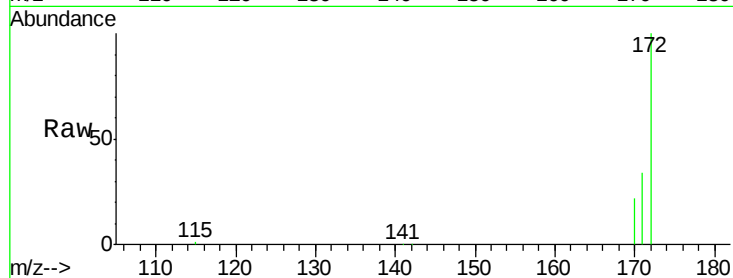




#15
2-Fluorobiphenyl
Concen: 0.94 ng
RT: 12.93 min Scan# 768
Delta R.T. -0.01 min
Lab File: BM004107.D
Acq: 21 Jan 2016 19:52

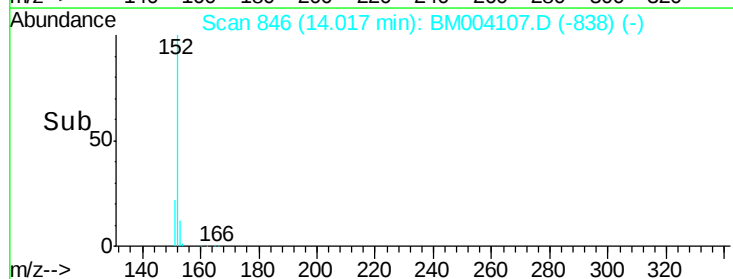
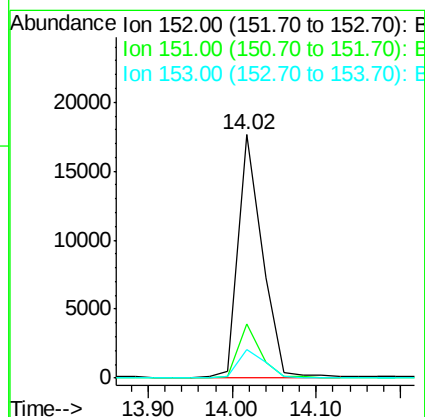
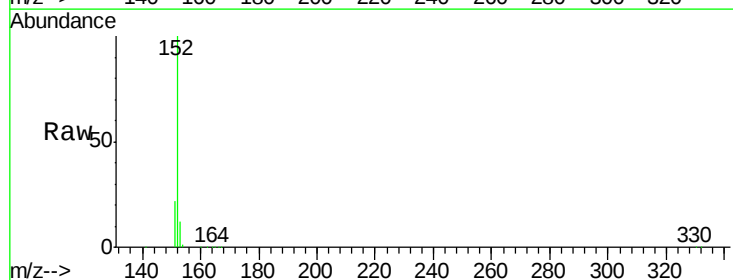
Instrument :
BNA_M
ClientSampleId :
SSTDICC002

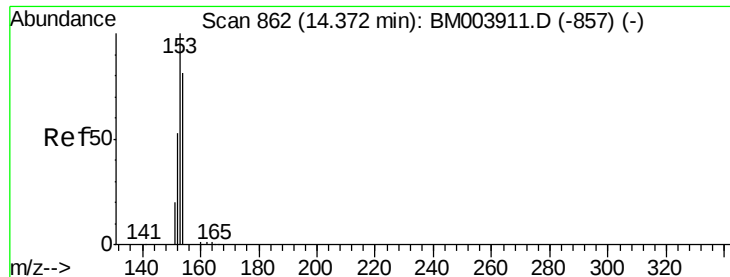
Tgt Ion:172 Resp: 25160
Ion Ratio Lower Upper
172 100
171 33.9 27.0 40.6
170 21.9 17.9 26.9



#16
Acenaphthylene
Concen: 1.00 ng
RT: 14.02 min Scan# 846
Delta R.T. -0.02 min
Lab File: BM004107.D
Acq: 21 Jan 2016 19:52

Tgt Ion:152 Resp: 34579
Ion Ratio Lower Upper
152 100
151 19.9 15.8 23.8
153 12.8 10.2 15.4

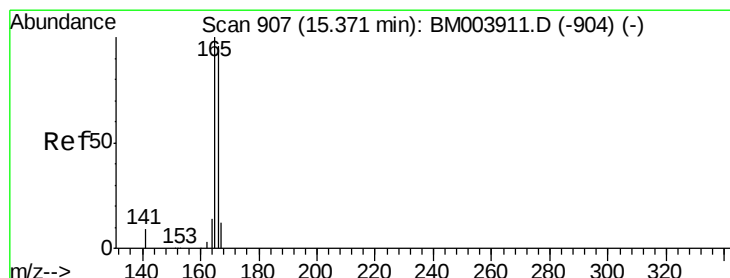
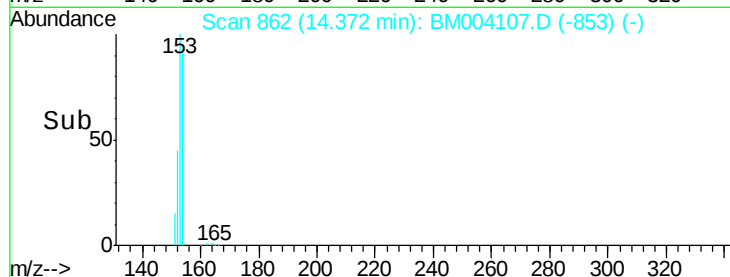
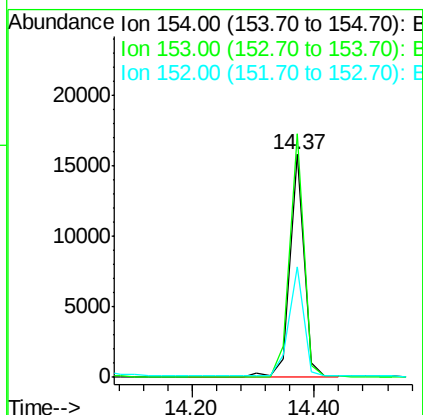
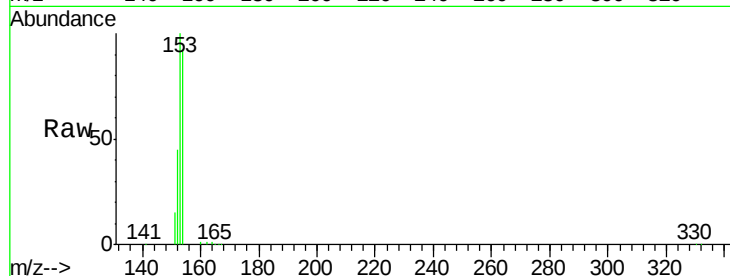




#17
Acenaphthene
Concen: 1.02 ng
RT: 14.37 min Scan# 862
Delta R.T. 0.00 min
Lab File: BM004107.D
Acq: 21 Jan 2016 19:52

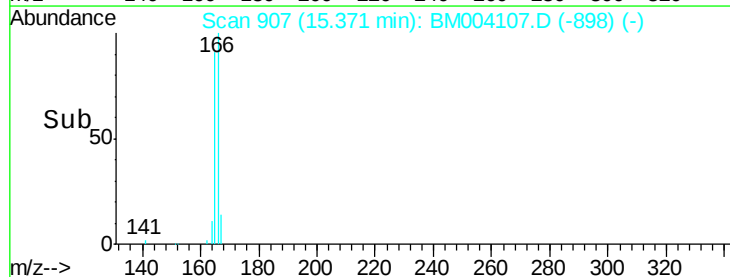
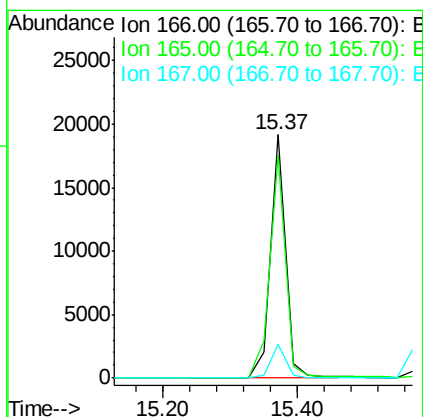
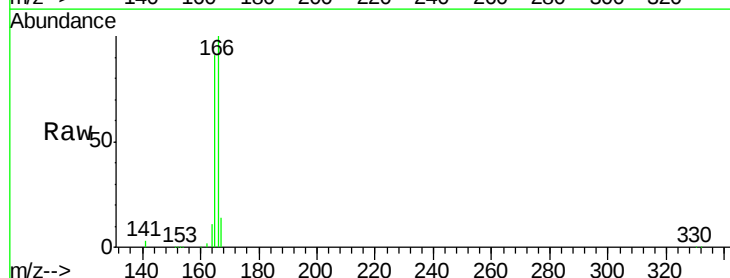
Instrument :
BNA_M
ClientSampleId :
SSTDICC002

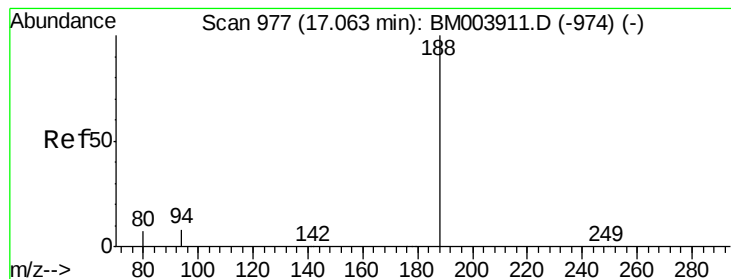
Tgt Ion:154 Resp: 24501
Ion Ratio Lower Upper
154 100
153 110.3 85.4 128.2
152 51.6 40.6 60.8



#18
Fluorene
Concen: 1.05 ng
RT: 15.37 min Scan# 907
Delta R.T. 0.00 min
Lab File: BM004107.D
Acq: 21 Jan 2016 19:52

Tgt Ion:166 Resp: 30003
Ion Ratio Lower Upper
166 100
165 95.3 77.2 115.8
167 13.5 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: BM004107.D

Acq: 21 Jan 2016 19:52

Instrument :

BNA_M

ClientSampleId :

SSTDICC002

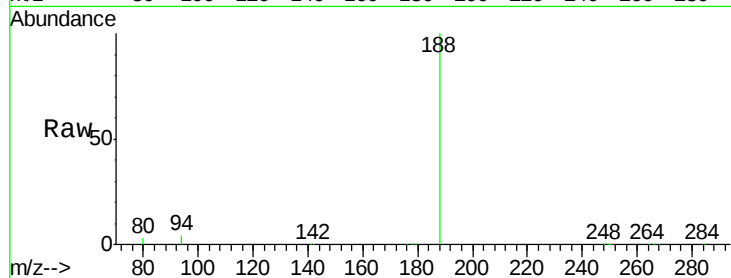
Tgt Ion:188 Resp: 220807

Ion Ratio Lower Upper

188 100

94 3.8 20.3 30.5#

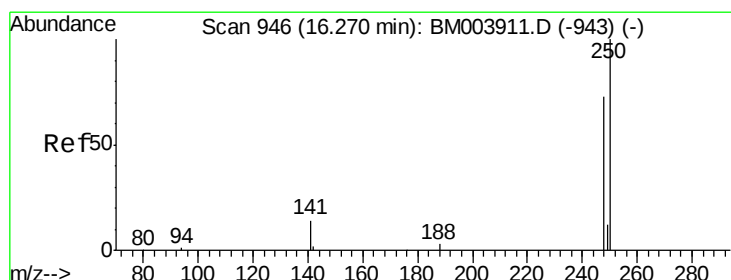
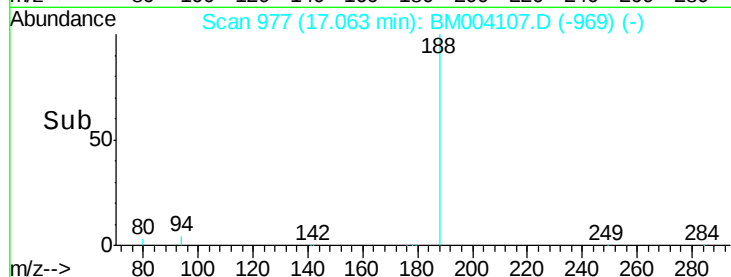
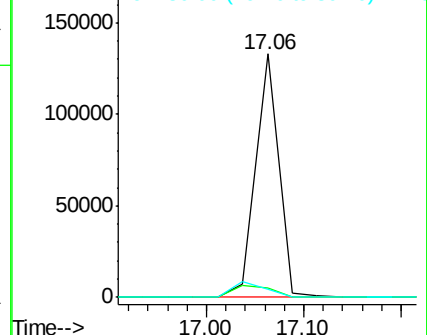
80 3.2 22.2 33.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#20

4-Bromophenyl-phenylether

Concen: 1.02 ng

RT: 16.24 min Scan# 945

Delta R.T. -0.03 min

Lab File: BM004107.D

Acq: 21 Jan 2016 19:52

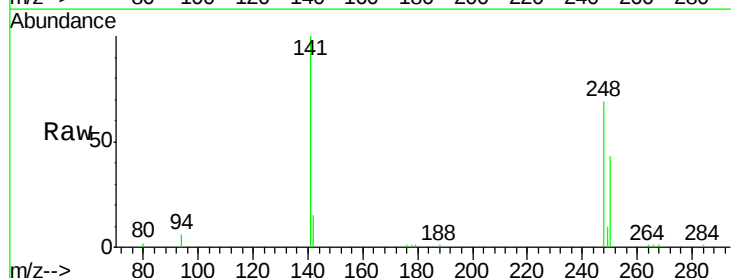
Tgt Ion:248 Resp: 6939

Ion Ratio Lower Upper

248 100

250 88.5 75.0 112.4

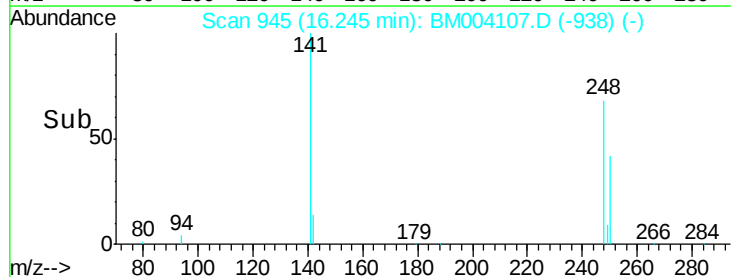
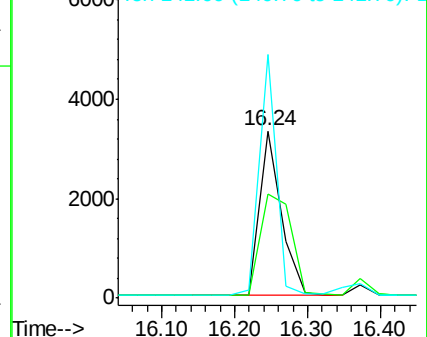
141 115.0 53.0 79.4#

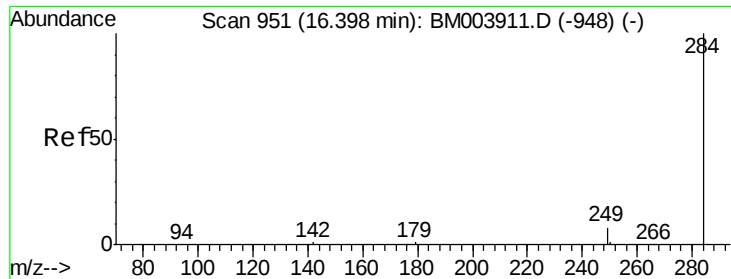


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

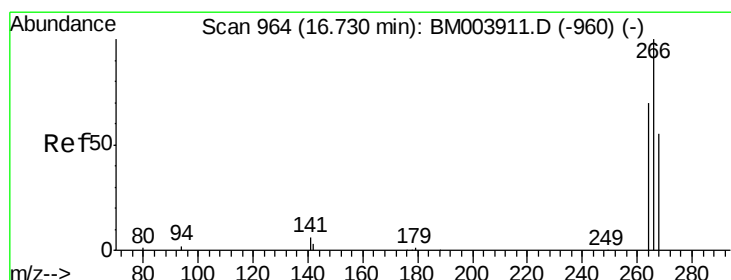
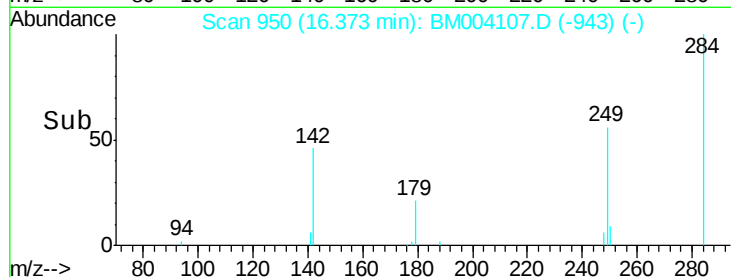
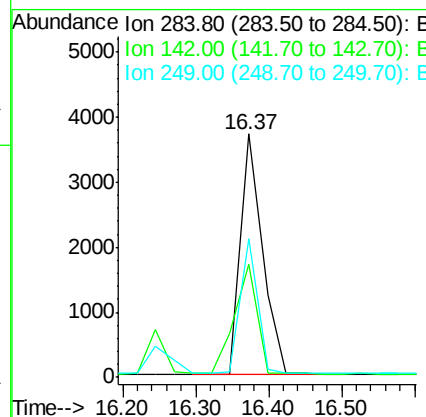
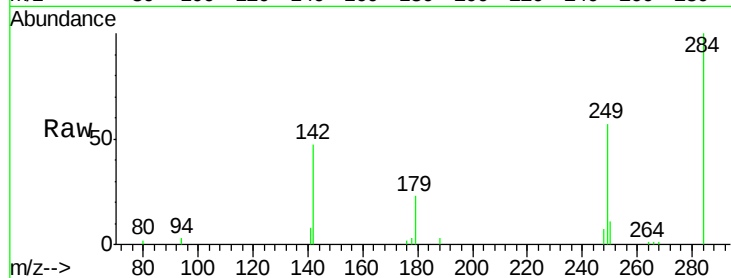




#21
Hexachlorobenzene
Concen: 1.04 ng
RT: 16.37 min Scan# 950
Delta R.T. -0.03 min
Lab File: BM004107.D
Acq: 21 Jan 2016 19:52

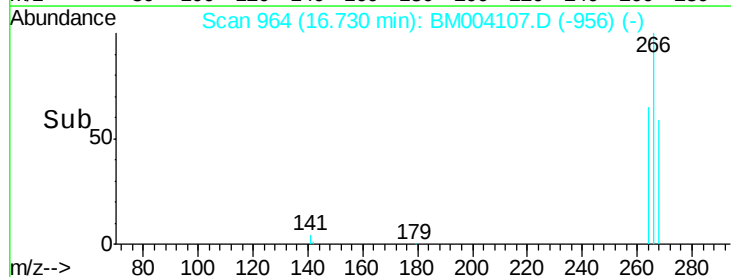
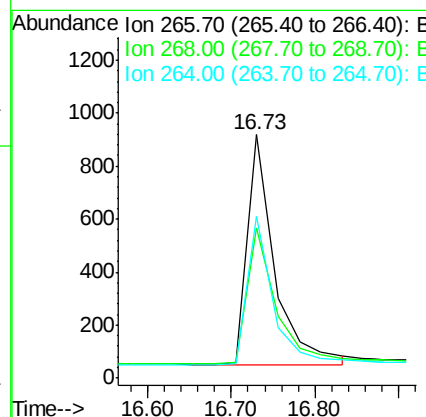
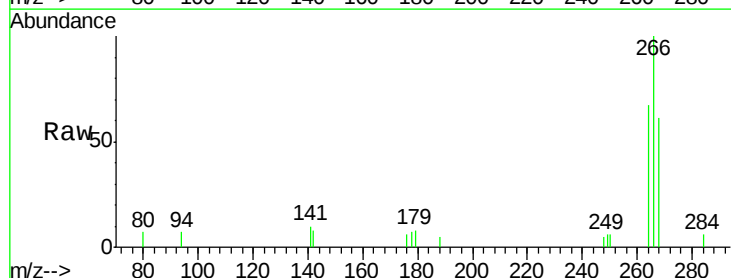
Instrument :
BNA_M
ClientSampleId :
SSTDICC002

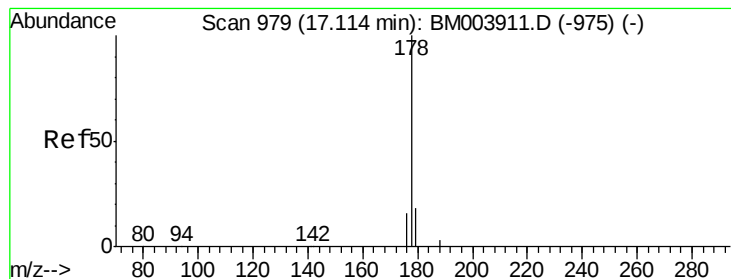
Tgt Ion: 284 Resp: 7572
Ion Ratio Lower Upper
284 100
142 47.4 0.0 0.0#
249 44.0 21.5 32.3#



#22
Pentachlorophenol
Concen: 1.18 ng
RT: 16.73 min Scan# 964
Delta R.T. 0.00 min
Lab File: BM004107.D
Acq: 21 Jan 2016 19:52

Tgt Ion: 266 Resp: 1980
Ion Ratio Lower Upper
266 100
268 61.5 62.7 94.1#
264 66.6 45.7 68.5





#23

Phenanthrene

Concen: 1.05 ng

RT: 17.09 min Scan# 978

Delta R.T. -0.02 min

Lab File: BM004107.D

Acq: 21 Jan 2016 19:52

Instrument :

BNA_M

ClientSampleId :

SSTDICC002

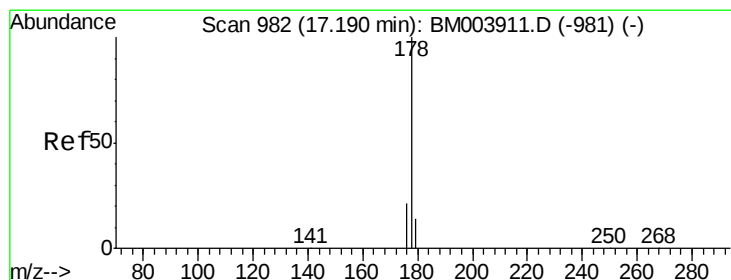
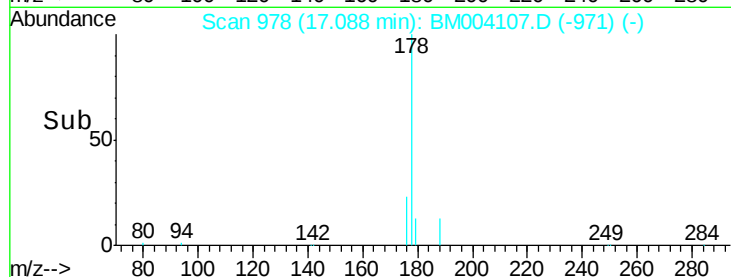
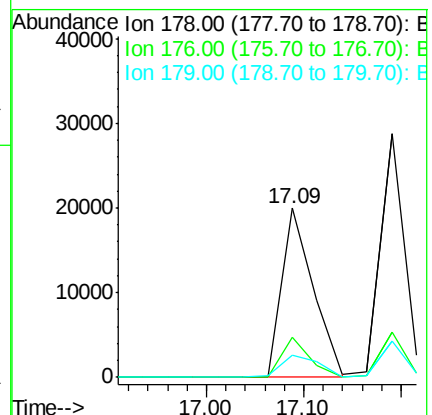
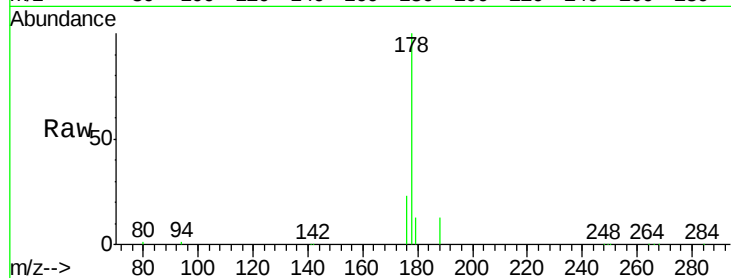
Tgt Ion:178 Resp: 44916

Ion Ratio Lower Upper

178 100

176 20.5 15.4 23.0

179 15.1 12.2 18.4



#24

Anthracene

Concen: 1.11 ng

RT: 17.19 min Scan# 982

Delta R.T. 0.00 min

Lab File: BM004107.D

Acq: 21 Jan 2016 19:52

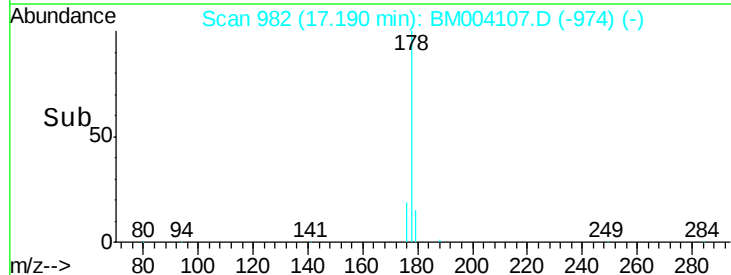
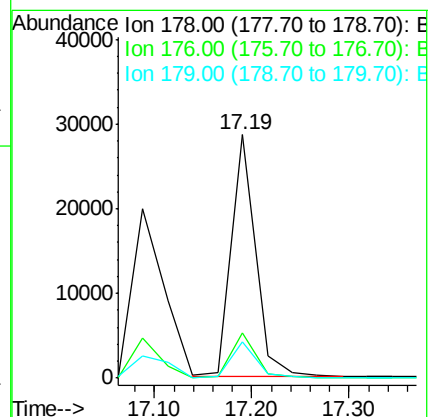
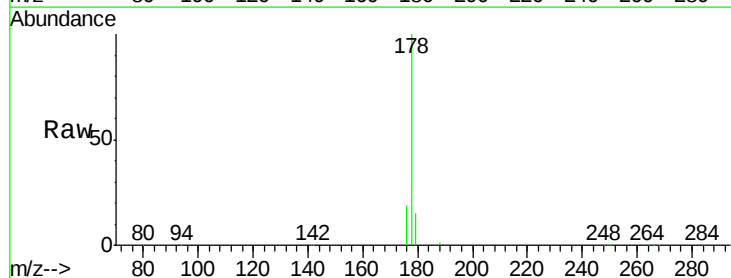
Tgt Ion:178 Resp: 49267

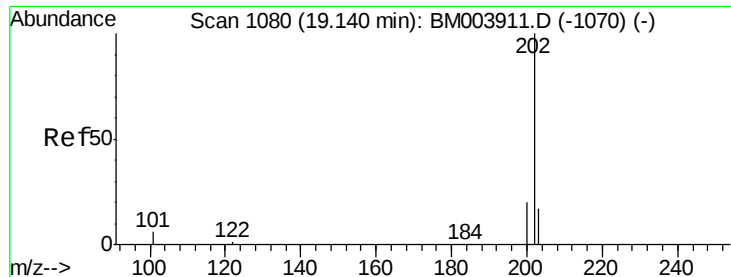
Ion Ratio Lower Upper

178 100

176 18.4 14.6 21.8

179 15.1 12.6 19.0





#25

Fluoranthene

Concen: 1.14 ng

RT: 19.14 min Scan# 1080

Delta R.T. 0.00 min

Lab File: BM004107.D

Acq: 21 Jan 2016 19:52

Instrument :

BNA_M

ClientSampleId :

SSTDICC002

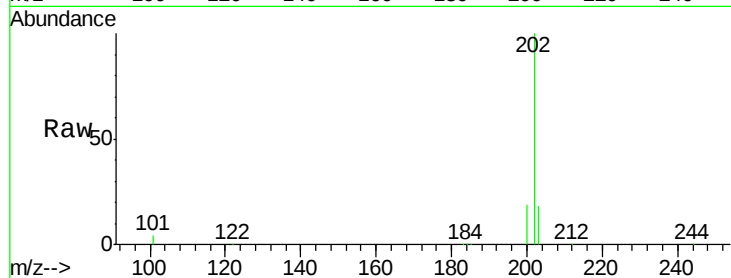
Tgt Ion:202 Resp: 55853

Ion Ratio Lower Upper

202 100

101 11.9 9.7 14.5

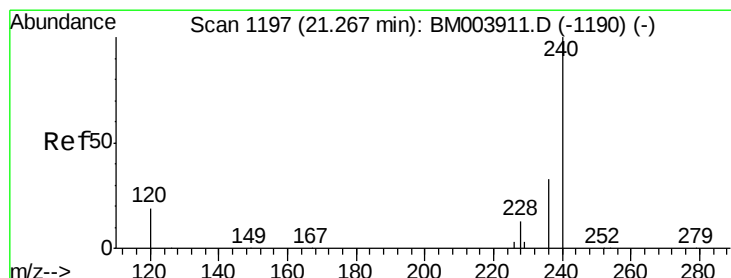
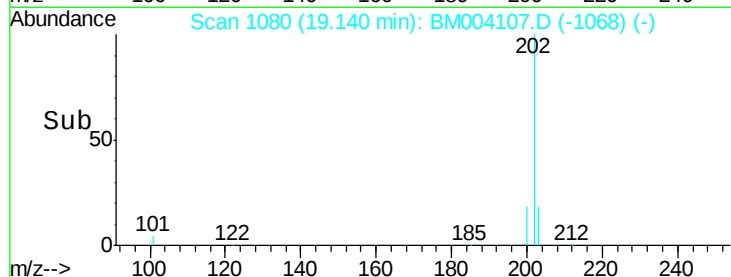
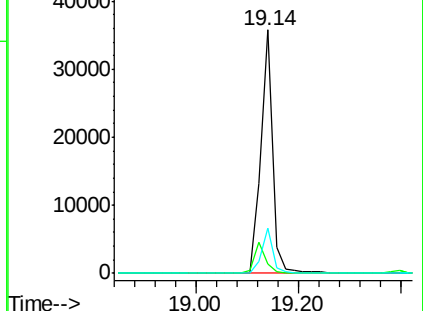
203 17.2 13.8 20.8



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: BM004107.D

Acq: 21 Jan 2016 19:52

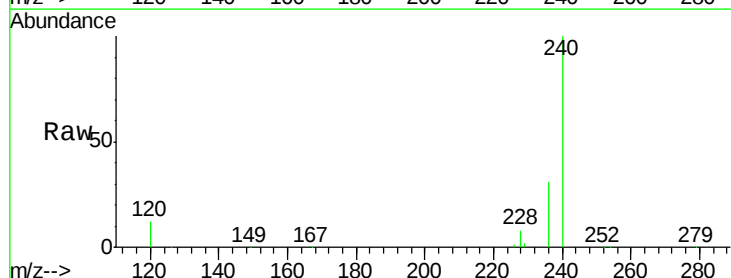
Tgt Ion:240 Resp: 223177

Ion Ratio Lower Upper

240 100

120 12.3 0.9 1.3#

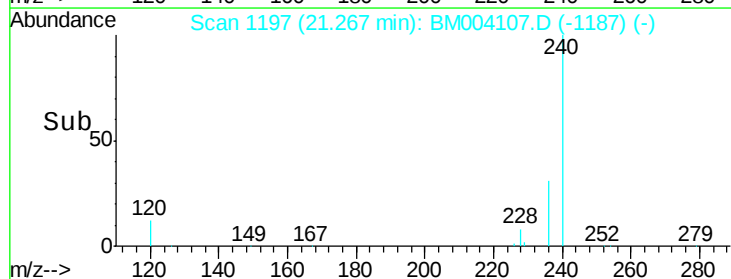
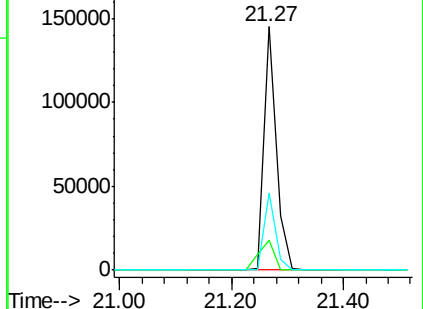
236 31.5 17.3 25.9#

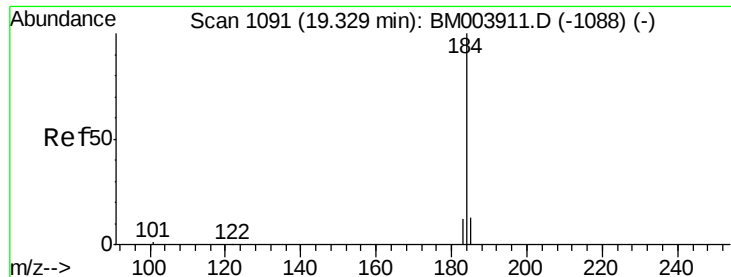


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

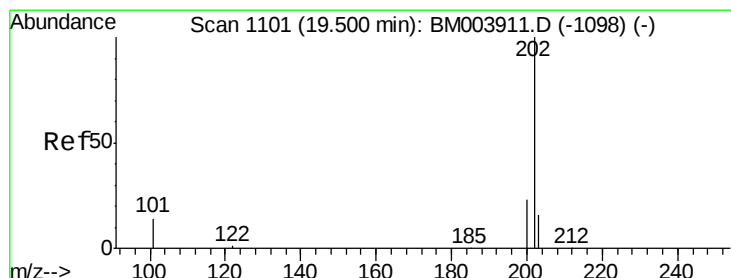
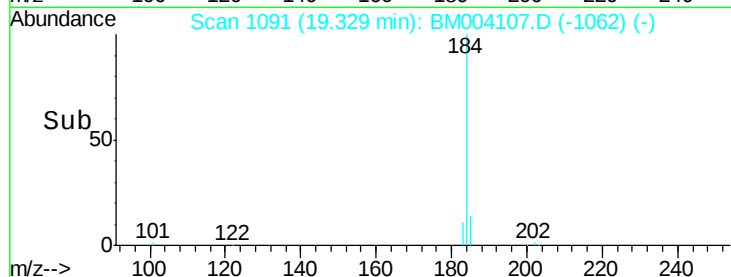
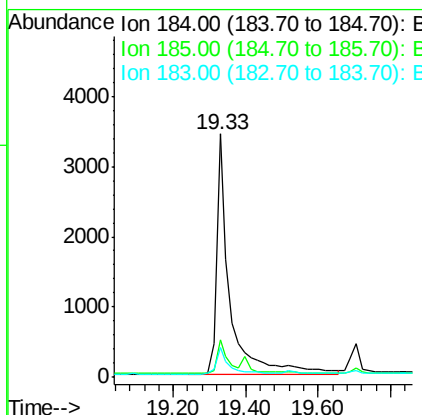
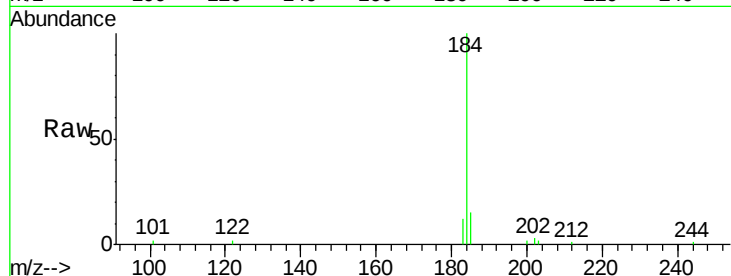




#27
Benzidine
Concen: 0.60 ng
RT: 19.33 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BM004107.D
Acq: 21 Jan 2016 19:52

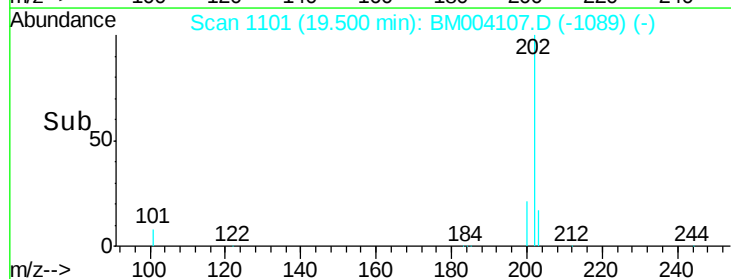
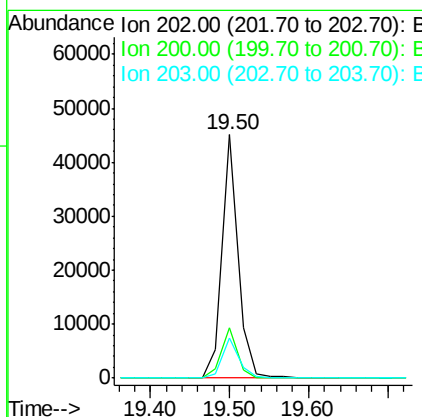
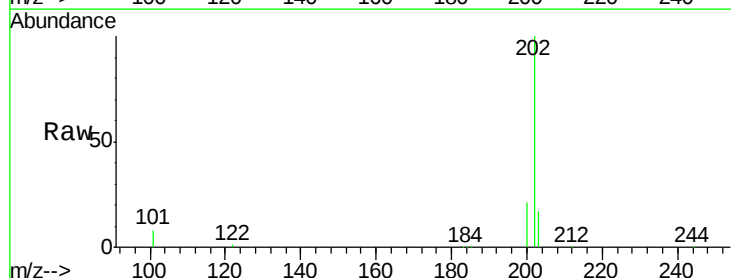
Instrument :
BNA_M
ClientSampleId :
SSTDICC002

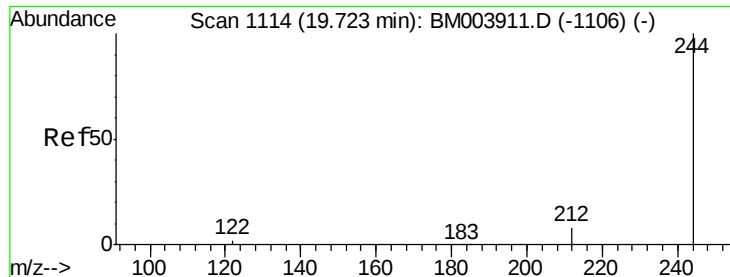
Tgt Ion:184 Resp: 8702
Ion Ratio Lower Upper
184 100
185 15.2 13.2 19.8
183 12.5 9.0 13.6



#28
Pyrene
Concen: 0.79 ng
RT: 19.50 min Scan# 1101
Delta R.T. 0.00 min
Lab File: BM004107.D
Acq: 21 Jan 2016 19:52

Tgt Ion:202 Resp: 63022
Ion Ratio Lower Upper
202 100
200 20.8 16.6 24.8
203 17.1 14.0 21.0





#29

Terphenyl-d14

Concen: 0.78 ng

RT: 19.71 min Scan# 1113

Delta R.T. -0.02 min

Lab File: BM004107.D

Acq: 21 Jan 2016 19:52

Instrument :

BNA_M

ClientSampleId :

SSTDICC002

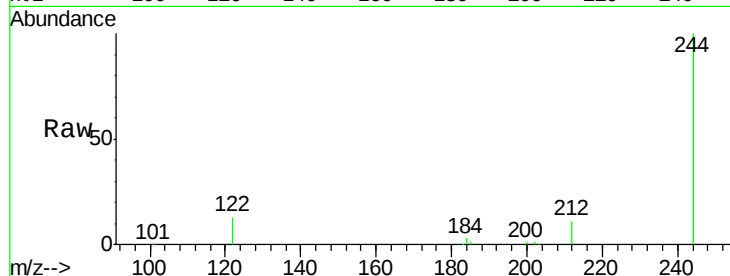
Tgt Ion:244 Resp: 28007

Ion Ratio Lower Upper

244 100

212 10.7 7.0 10.6#

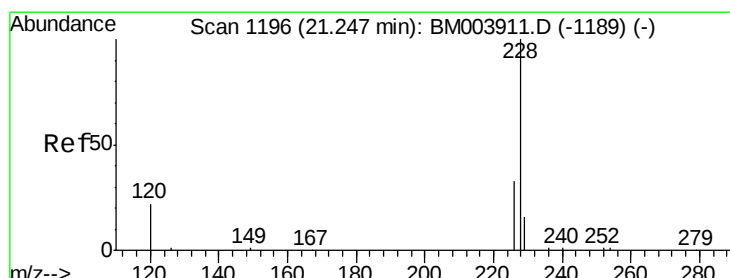
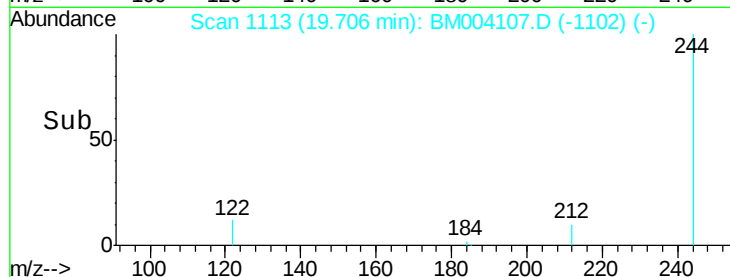
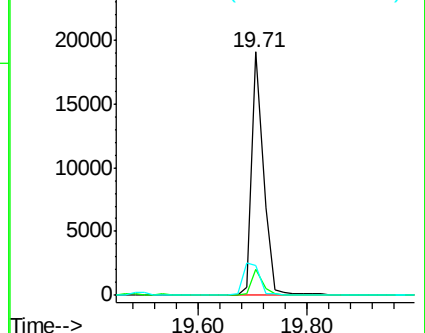
122 12.5 3.0 4.6#



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: 1.02 ng

RT: 21.25 min Scan# 1196

Delta R.T. 0.00 min

Lab File: BM004107.D

Acq: 21 Jan 2016 19:52

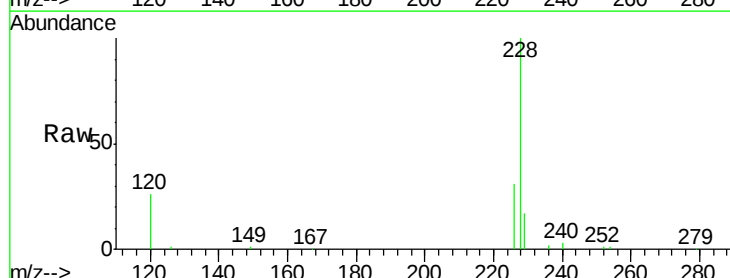
Tgt Ion:228 Resp: 64748

Ion Ratio Lower Upper

228 100

226 31.1 17.2 25.8#

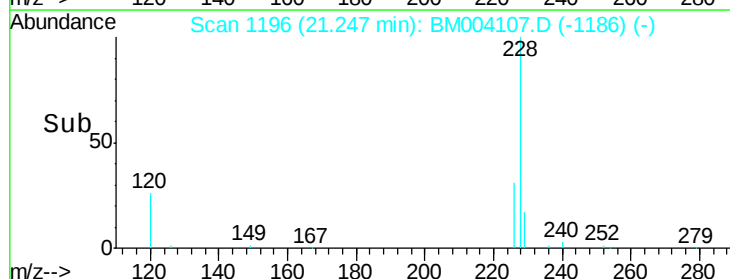
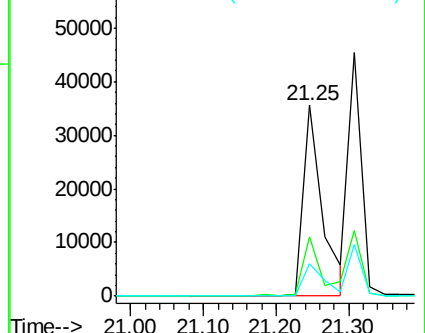
229 16.7 18.7 28.1#

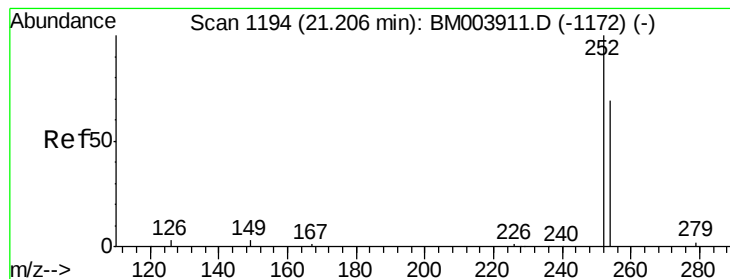


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

3,3'-Dichlorobenzidine

Concen: 0.96 ng

RT: 21.21 min Scan# 1194

Delta R.T. 0.00 min

Lab File: BM004107.D

Acq: 21 Jan 2016 19:52

Instrument :

BNA_M

ClientSampleId :

SSTDICC002

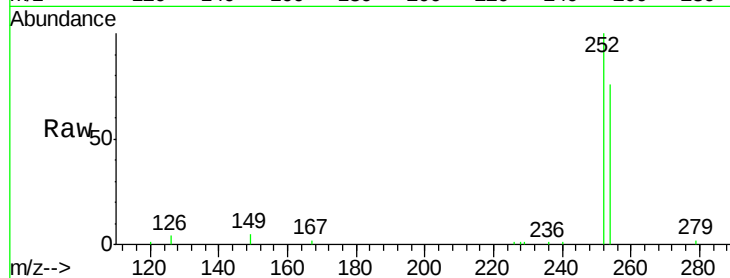
Tgt Ion:252 Resp: 15159

Ion Ratio Lower Upper

252 100

254 75.8 52.6 79.0

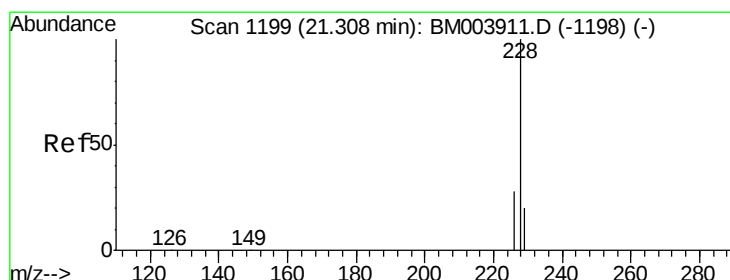
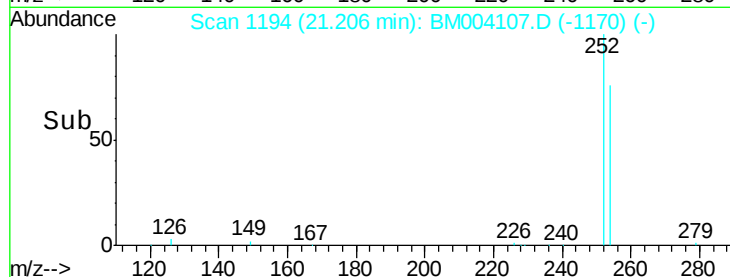
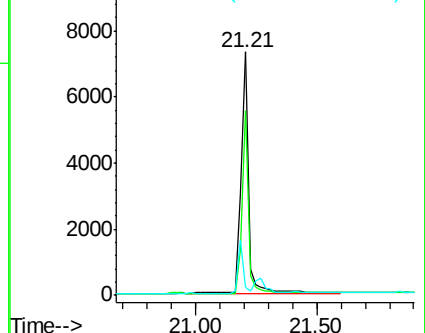
126 3.6 3.7 5.5#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#32

Chrysene

Concen: 0.89 ng

RT: 21.31 min Scan# 1199

Delta R.T. 0.00 min

Lab File: BM004107.D

Acq: 21 Jan 2016 19:52

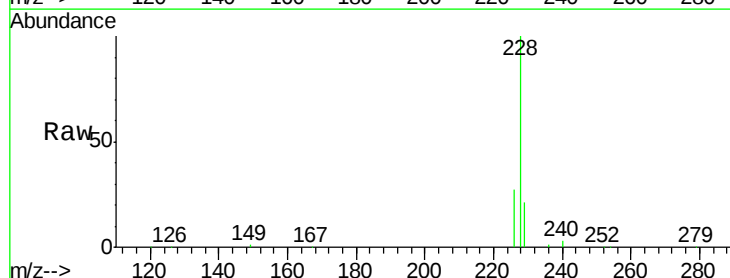
Tgt Ion:228 Resp: 58461

Ion Ratio Lower Upper

228 100

226 26.9 25.3 37.9

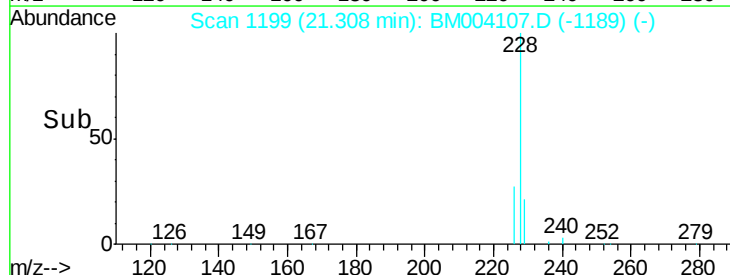
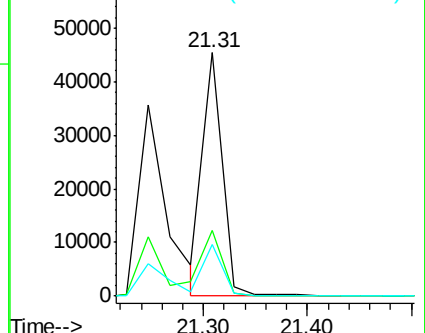
229 21.0 14.5 21.7

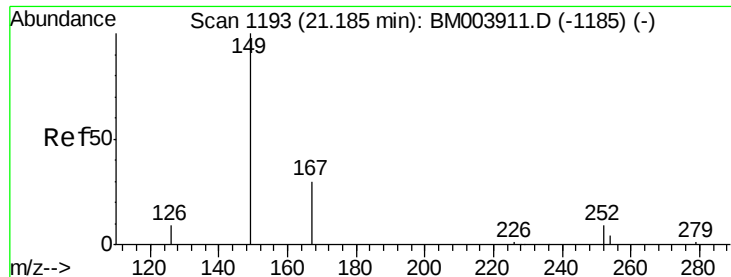


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

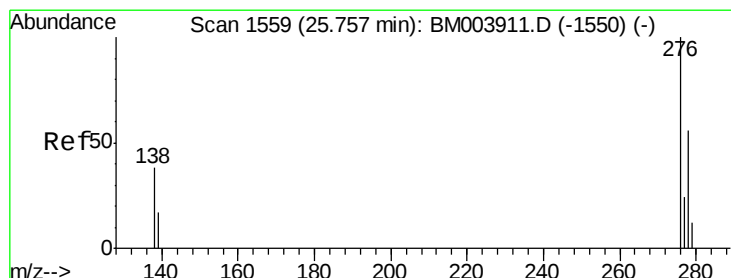
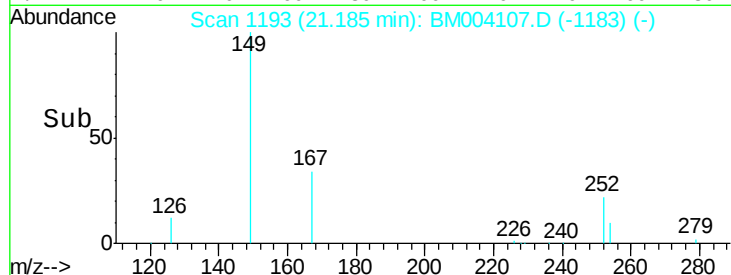
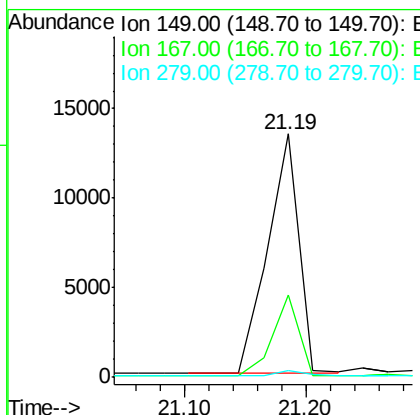
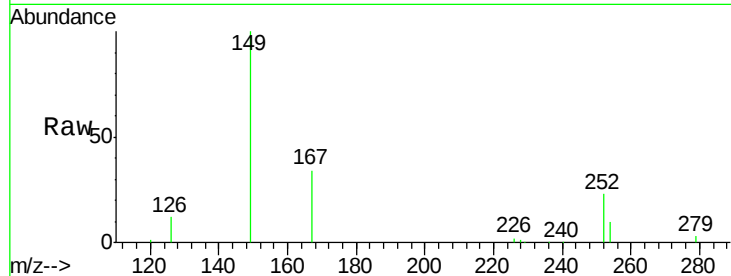




#33
 Bis(2-ethylhexyl)phthalate
 Concen: 0.93 ng
 RT: 21.19 min Scan# 1193
 Delta R.T. 0.00 min
 Lab File: BM004107.D
 Acq: 21 Jan 2016 19:52

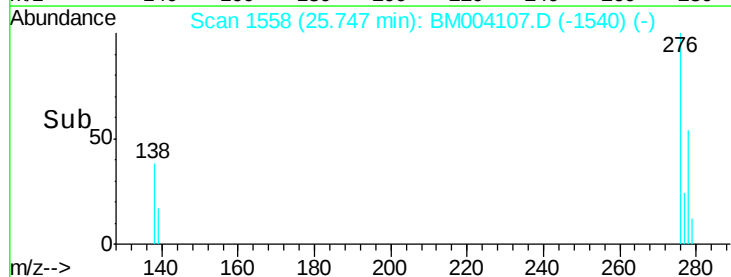
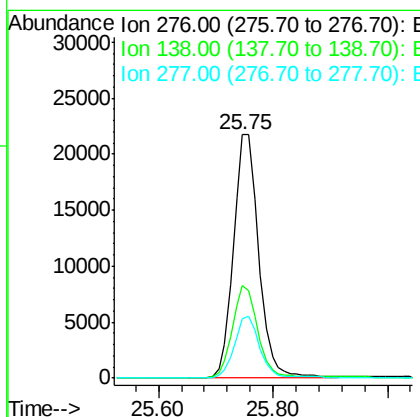
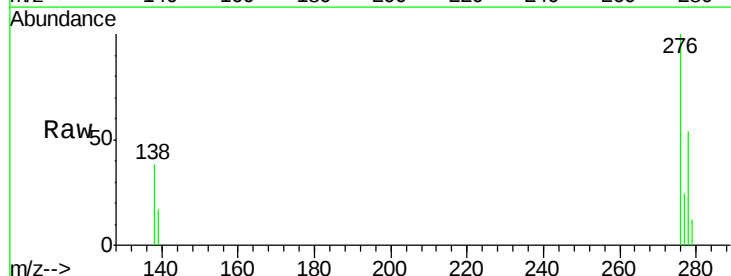
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC002

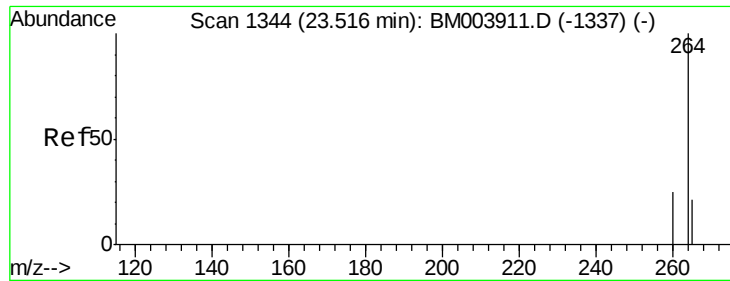
Tgt Ion:149 Resp: 23874
 Ion Ratio Lower Upper
 149 100
 167 28.9 20.1 30.1
 279 2.3 0.0 0.0#



#34
 Indeno(1,2,3-cd)pyrene
 Concen: 1.41 ng
 RT: 25.75 min Scan# 1558
 Delta R.T. -0.01 min
 Lab File: BM004107.D
 Acq: 21 Jan 2016 19:52

Tgt Ion:276 Resp: 66386
 Ion Ratio Lower Upper
 276 100
 138 37.5 30.2 45.2
 277 24.7 19.8 29.8

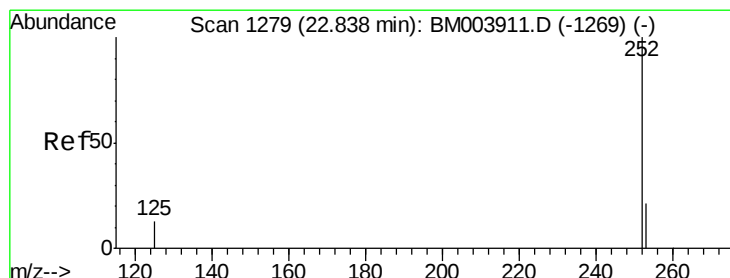
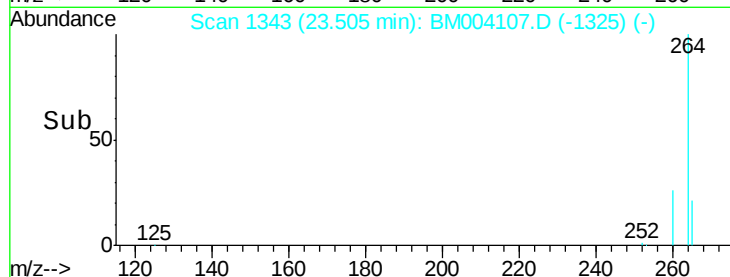
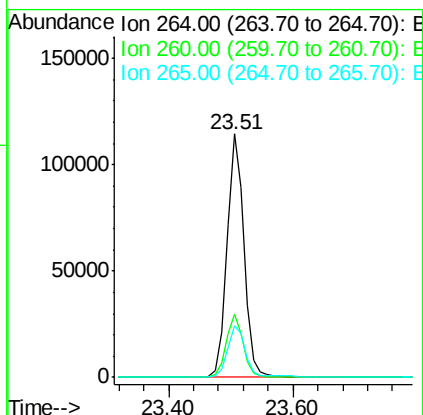
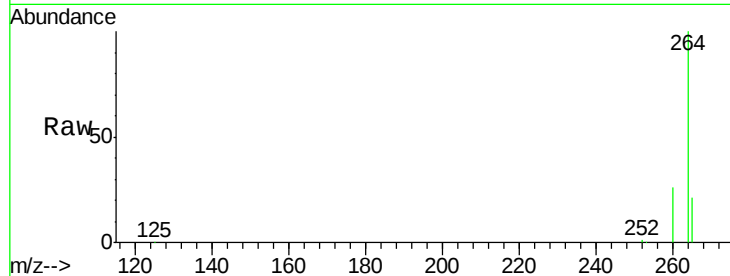




#35
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.51 min Scan# 1343
 Delta R.T. -0.01 min
 Lab File: BM004107.D
 Acq: 21 Jan 2016 19:52

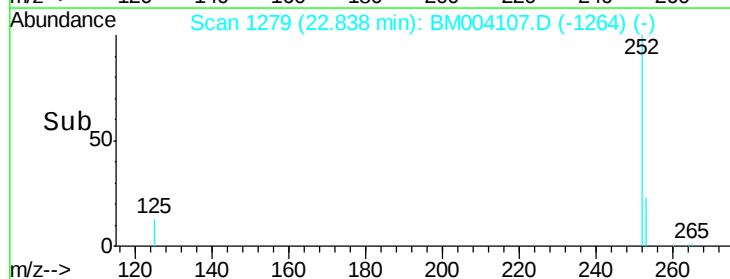
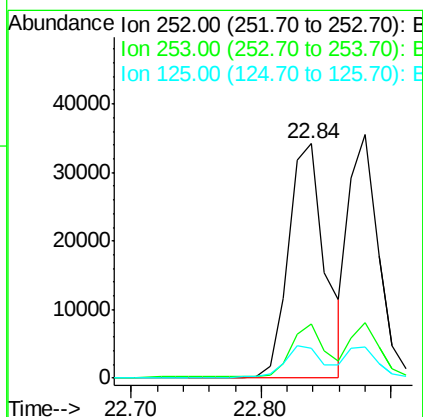
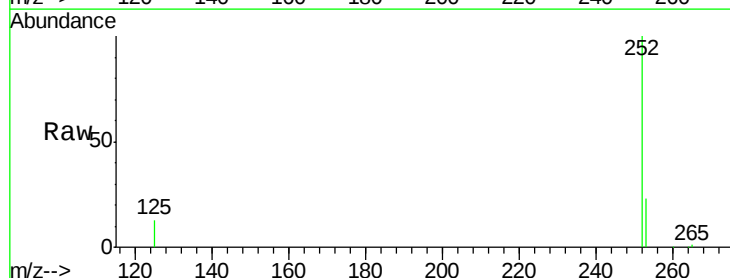
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC002

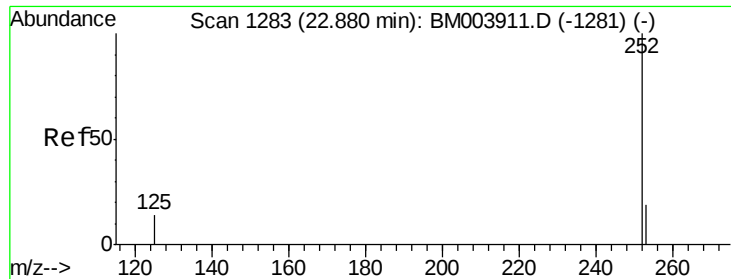
Tgt Ion: 264 Resp: 218010
 Ion Ratio Lower Upper
 264 100
 260 26.0 21.2 31.8
 265 21.1 16.7 25.1



#36
 Benzo(b)fluoranthene
 Concen: 0.99 ng
 RT: 22.84 min Scan# 1279
 Delta R.T. 0.00 min
 Lab File: BM004107.D
 Acq: 21 Jan 2016 19:52

Tgt Ion: 252 Resp: 66012
 Ion Ratio Lower Upper
 252 100
 253 23.0 18.8 28.2
 125 12.6 10.2 15.4





#37

Benzo(k)fluoranthene

Concen: 0.87 ng

RT: 22.88 min Scan# 1283

Delta R.T. 0.00 min

Lab File: BM004107.D

Acq: 21 Jan 2016 19:52

Instrument :

BNA_M

ClientSampleId :

SSTDICC002

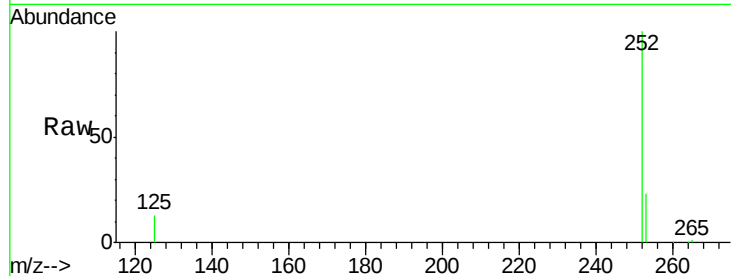
Tgt Ion:252 Resp: 56112

Ion Ratio Lower Upper

252 100

253 22.6 18.3 27.5

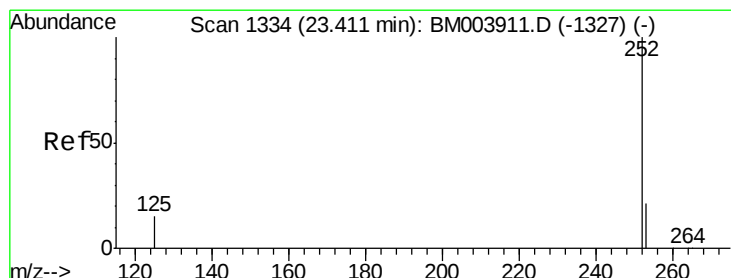
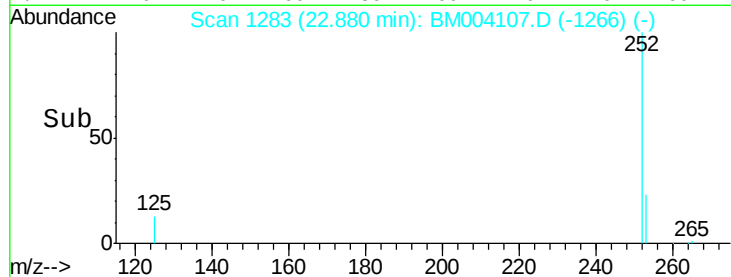
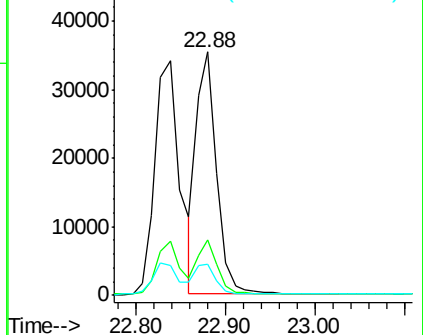
125 12.8 10.6 15.8



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: 0.99 ng

RT: 23.40 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BM004107.D

Acq: 21 Jan 2016 19:52

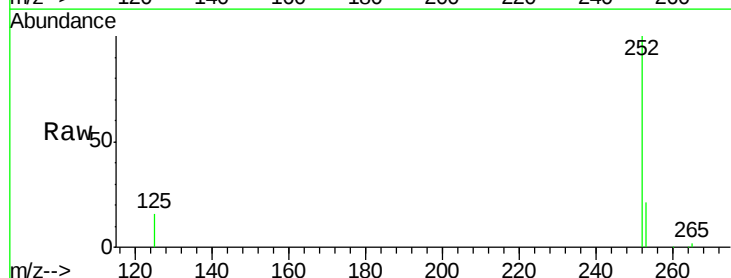
Tgt Ion:252 Resp: 56399

Ion Ratio Lower Upper

252 100

253 21.0 18.7 28.1

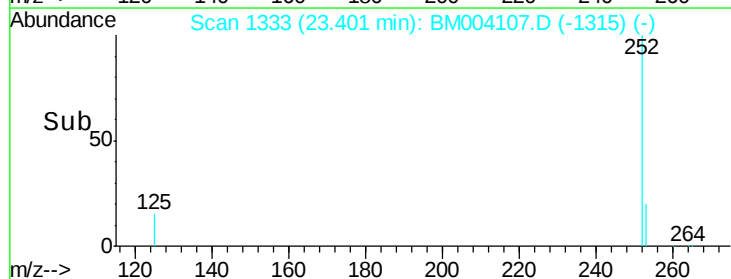
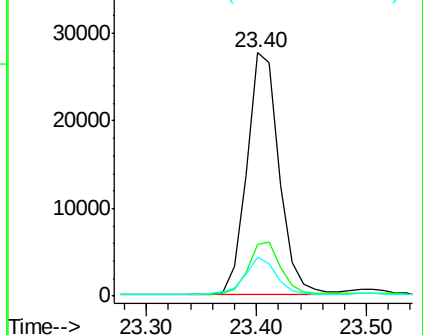
125 15.7 11.8 17.8

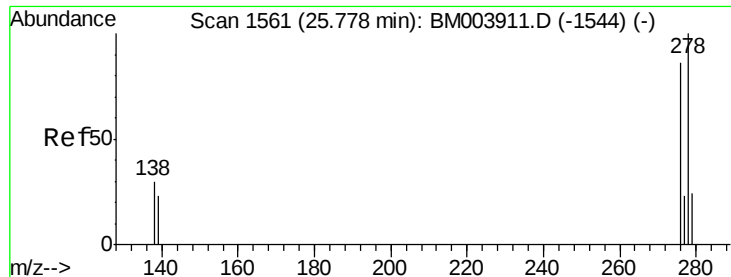


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Dibenzo(a,h)anthracene

Concen: 1.09 ng

RT: 25.77 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BM004107.D

Acq: 21 Jan 2016 19:52

Instrument :

BNA_M

ClientSampleId :

SSTDICC002

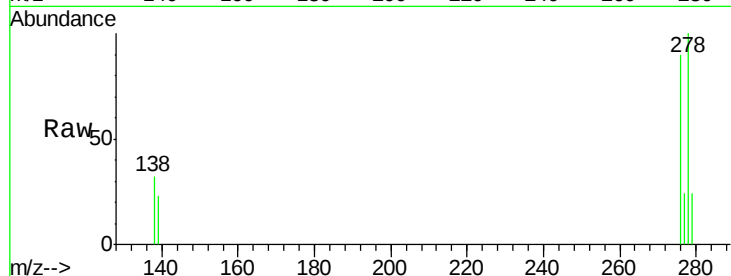
Tgt Ion: 278 Resp: 52565

Ion Ratio Lower Upper

278 100

139 23.0 19.0 28.6

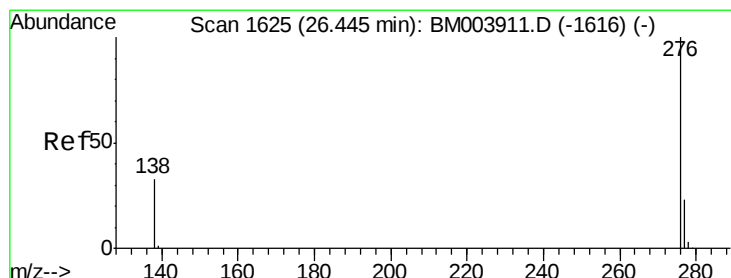
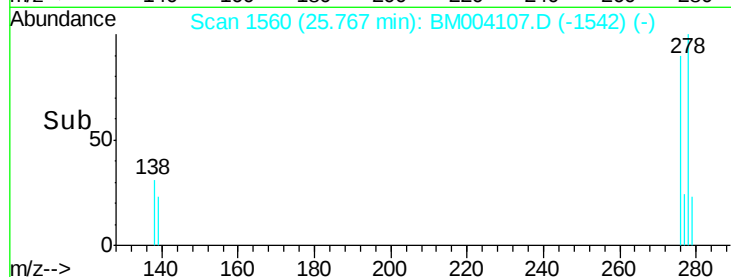
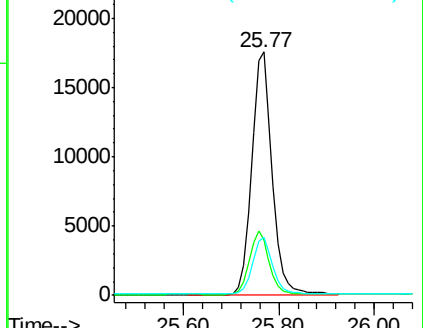
279 23.6 19.6 29.4



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: 1.07 ng

RT: 26.45 min Scan# 1625

Delta R.T. 0.00 min

Lab File: BM004107.D

Acq: 21 Jan 2016 19:52

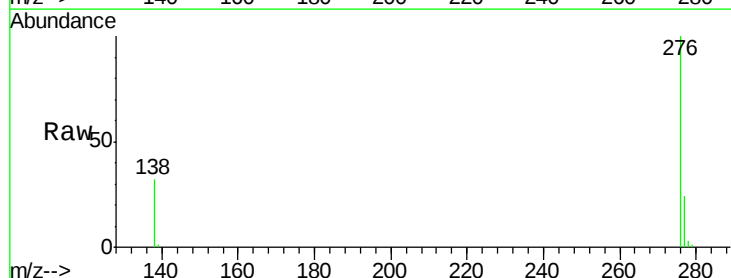
Tgt Ion: 276 Resp: 54951

Ion Ratio Lower Upper

276 100

277 23.9 19.1 28.7

138 31.7 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

