

Data Path : Z:\HPCHEM1\BNA_M\Data\BM012216\
 Data File : BM004115.D
 Acq On : 22 Jan 2016 17:39
 Operator : SJ/UM
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001EC

Quant Time: Jan 22 18:16:08 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	22267	5.00	ng	0.00
7) Naphthalene-d8	10.44	136	96298	5.00	ng	0.00
13) Acenaphthene-d10	14.30	164	53053	5.00	ng	0.00
19) Phenanthrene-d10	17.06	188	162987	5.00	ng	0.00
26) Chrysene-d12	21.28	240	169539	5.00	ng	0.00
35) Perylene-d12	23.50	264	151125	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	4270	0.92	ng	-0.02
5) Phenol-d6	6.85	99	5107	0.91	ng	0.00
8) Nitrobenzene-d5	8.82	82	3837	0.91	ng	0.00
14) 2,4,6-Tribromophenol	15.81	330	1329	0.90	ng	0.00
15) 2-Fluorobiphenyl	12.93	172	15910	0.98	ng	0.00
29) Terphenyl-d14	19.71	244	19272	0.90	ng	0.00

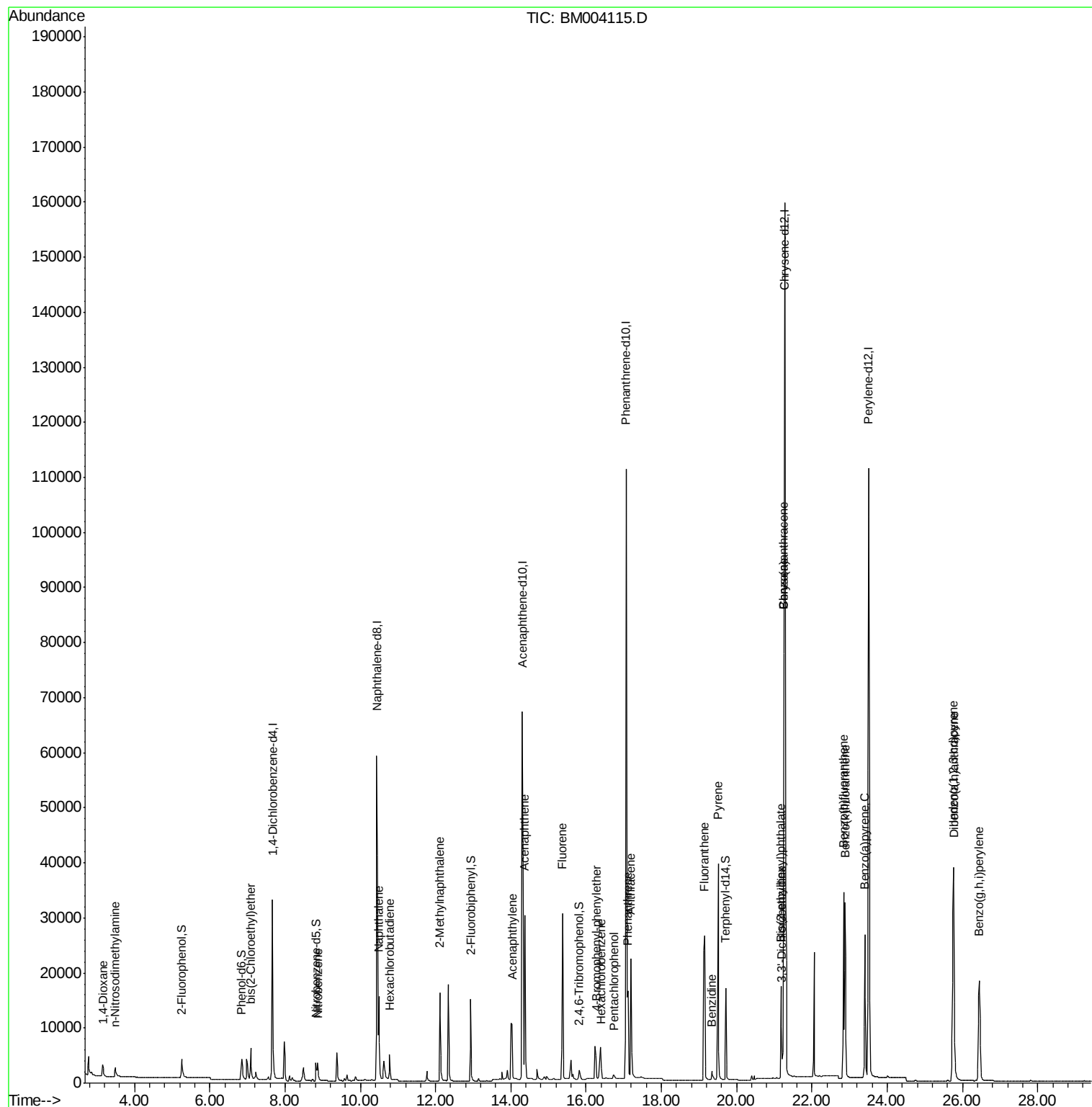
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.17	88	2069	0.96	ng	98
3) n-Nitrosodimethylamine	3.48	42	1895	0.95	ng	100
6) bis(2-Chloroethyl)ether	7.09	93	4764	0.92	ng	98
9) Nitrobenzene	8.86	77	4357	0.91	ng	100
10) Naphthalene	10.49	128	20679	0.92	ng	99
11) Hexachlorobutadiene	10.78	225	3222	0.93	ng	99
12) 2-Methylnaphthalene	12.12	142	13571	0.93	ng	94
16) Acenaphthylene	14.04	152	21419	0.94	ng	# 74
17) Acenaphthene	14.37	154	15967	0.92	ng	93
18) Fluorene	15.37	166	20277	0.96	ng	97
20) 4-Bromophenyl-phenylether	16.27	248	4282	0.81	ng	# 60
21) Hexachlorobenzene	16.39	284	4607	0.83	ng	# 47
22) Pentachlorophenol	16.73	266	948	0.79	ng	# 77
23) Phenanthrene	17.11	178	29916	0.85	ng	# 76
24) Anthracene	17.19	178	30542	0.82	ng	97
25) Fluoranthene	19.14	202	37679	0.85	ng	100
27) Benzidine	19.33	184	4148	0.64	ng	# 95
28) Pyrene	19.50	202	41140	0.86	ng	100
30) Benzo(a)anthracene	21.25	228	80994	1.60	ng	93
31) 3,3'-Dichlorobenzidine	21.19	252	8931	0.88	ng	# 83
32) Chrysene	21.25	228	81341	1.85	ng	91
33) Bis(2-ethylhexyl)phthalate	21.17	149	17925	1.09	ng	# 98
34) Indeno(1,2,3-cd)pyrene	25.76	276	42818	0.86	ng	100
36) Benzo(b)fluoranthene	22.84	252	42365	0.90	ng	98
37) Benzo(k)fluoranthene	22.88	252	39612	0.93	ng	98
38) Benzo(a)pyrene	23.41	252	38032	0.92	ng	99
39) Dibenzo(a,h)anthracene	25.77	278	34001	0.92	ng	99
40) Benzo(g,h,i)perylene	26.44	276	36462	0.90	ng	98

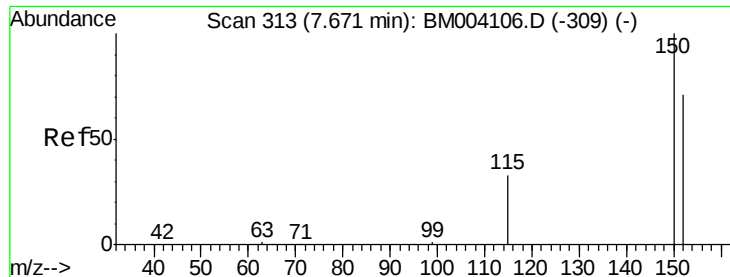
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\Data\BM012216\
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QLast Update : Fri Jan 22 14:46:41 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.67 min Scan# 313

Delta R.T. 0.00 min

Lab File: BM004115.D

Acq: 22 Jan 2016 17:39

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

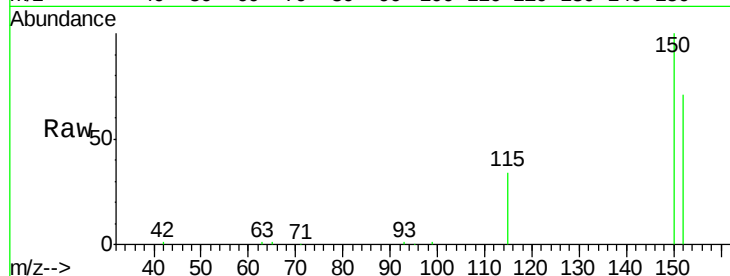
Tgt Ion: 152 Resp: 22267

Ion Ratio Lower Upper

152 100

150 141.0 122.9 184.3

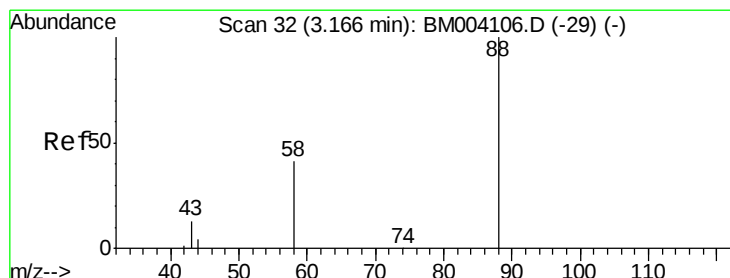
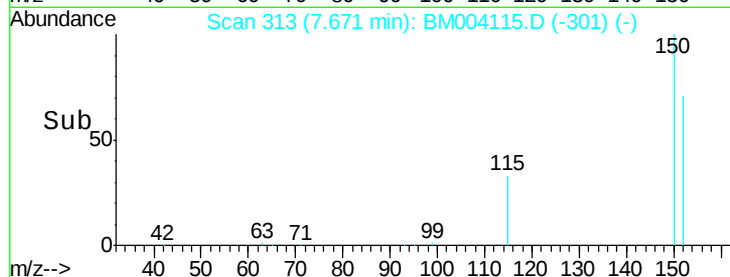
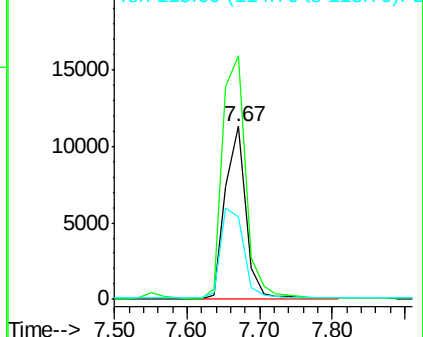
115 47.4 44.4 66.6



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: 0.96 ng

RT: 3.17 min Scan# 32

Delta R.T. 0.00 min

Lab File: BM004115.D

Acq: 22 Jan 2016 17:39

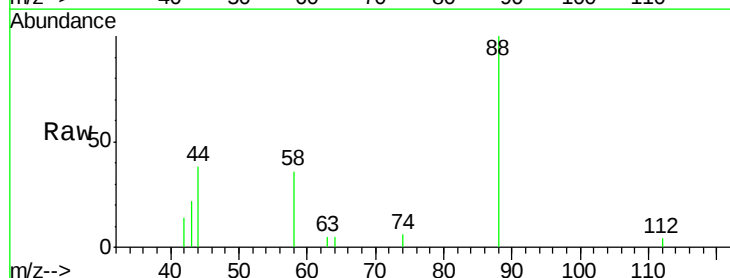
Tgt Ion: 88 Resp: 2069

Ion Ratio Lower Upper

88 100

58 67.1 53.8 80.6

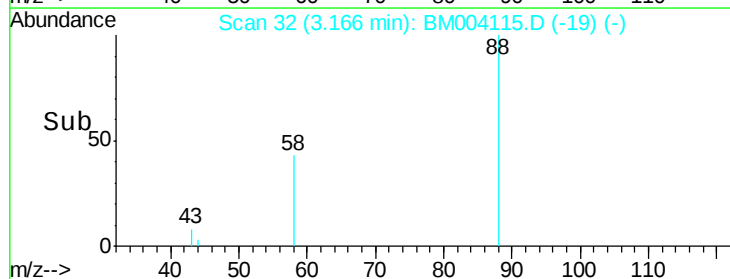
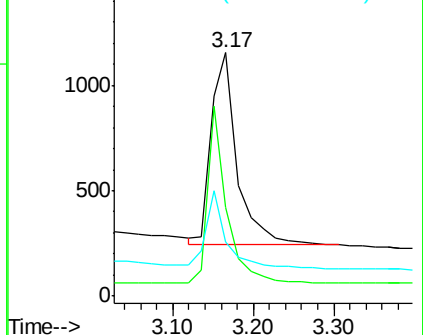
43 33.3 23.8 35.6

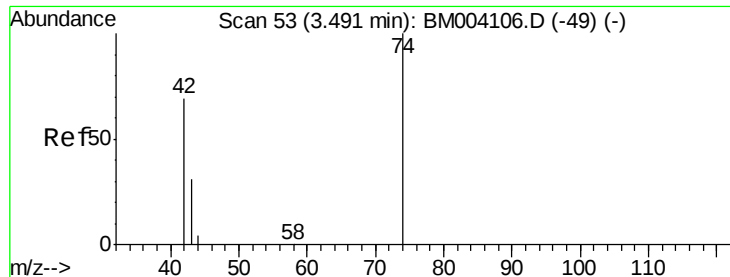


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 0.95 ng

RT: 3.48 min Scan# 52

Delta R.T. -0.02 min

Lab File: BM004115.D

Acq: 22 Jan 2016 17:39

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SSTDCCC001EC

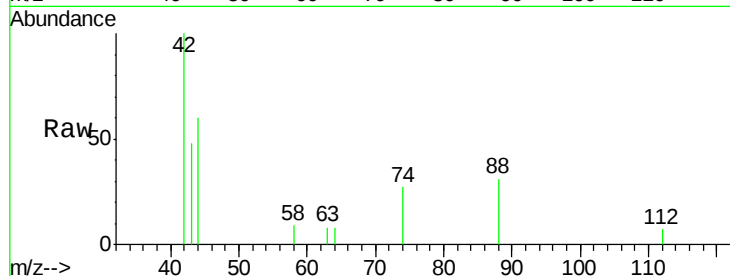
Tgt Ion: 42 Resp: 1895

Ion Ratio Lower Upper

42 100

74 118.8 95.0 142.4

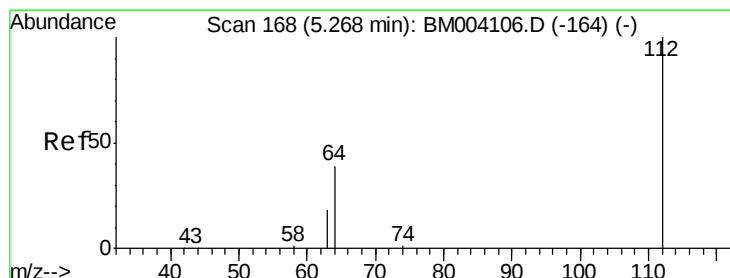
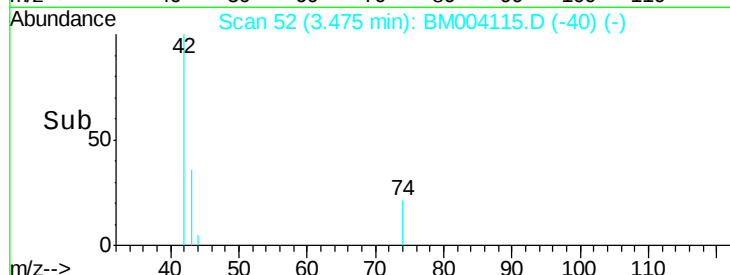
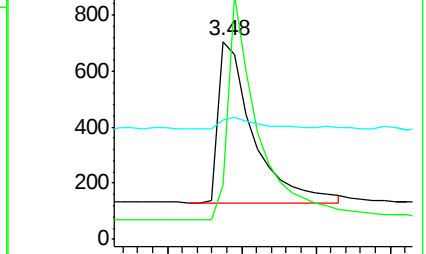
44 7.2 5.1 7.7



Abundance Ion 42.00 (41.70 to 42.70): BM004115.D (-155) (-)

Ion 74.00 (73.70 to 74.70): BM004115.D (-155) (-)

Ion 44.00 (43.70 to 44.70): BM004115.D (-155) (-)



#4

2-Fluorophenol

Concen: 0.92 ng

RT: 5.25 min Scan# 167

Delta R.T. -0.02 min

Lab File: BM004115.D

Acq: 22 Jan 2016 17:39

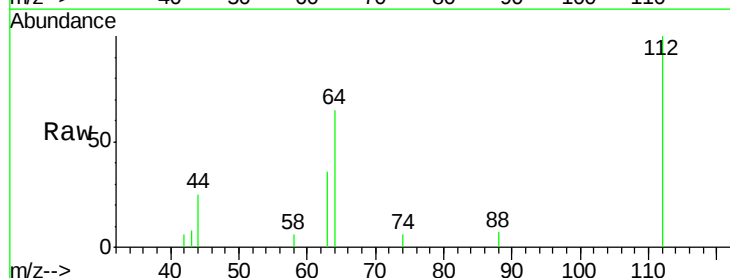
Tgt Ion: 112 Resp: 4270

Ion Ratio Lower Upper

112 100

64 52.5 41.8 62.8

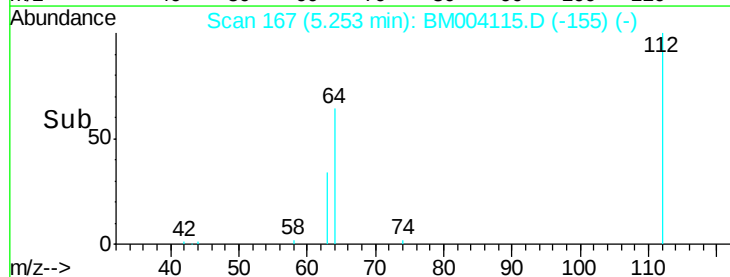
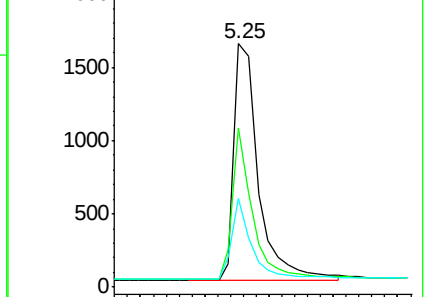
63 27.3 22.1 33.1

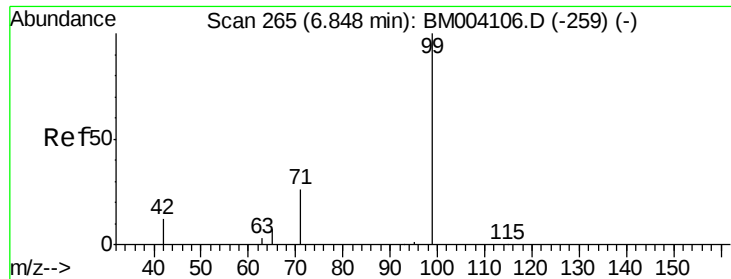


Abundance Ion 112.00 (111.70 to 112.70): BM004115.D (-155) (-)

Ion 64.00 (63.70 to 64.70): BM004115.D (-155) (-)

Ion 63.00 (62.70 to 63.70): BM004115.D (-155) (-)





#5

Phenol-d6

Concen: 0.91 ng

RT: 6.85 min Scan# 265

Delta R.T. 0.00 min

Lab File: BM004115.D

Acq: 22 Jan 2016 17:39

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

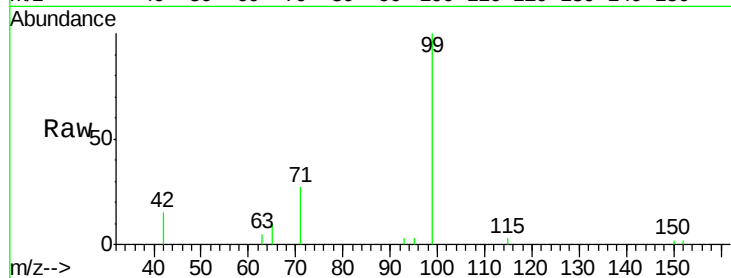
Tgt Ion: 99 Resp: 5107

Ion Ratio Lower Upper

99 100

42 18.9 16.2 24.2

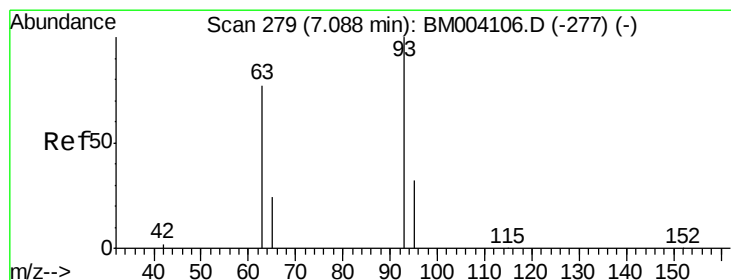
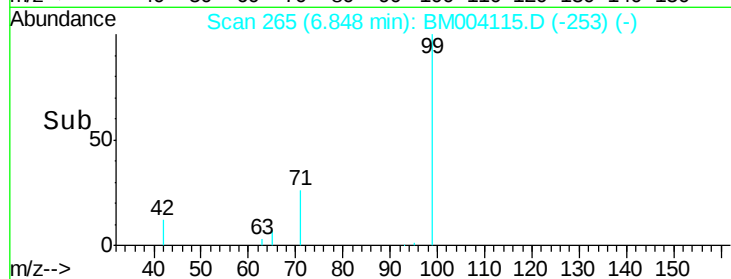
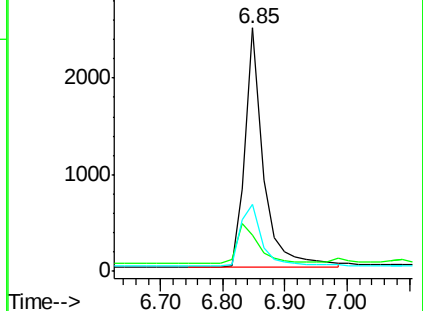
71 30.8 24.4 36.6



Abundance Ion 99.00 (98.70 to 99.70): BM004115.D (-253) (-)

Ion 42.00 (41.70 to 42.70): BM004115.D (-253) (-)

Ion 71.00 (70.70 to 71.70): BM004115.D (-253) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.92 ng

RT: 7.09 min Scan# 279

Delta R.T. 0.00 min

Lab File: BM004115.D

Acq: 22 Jan 2016 17:39

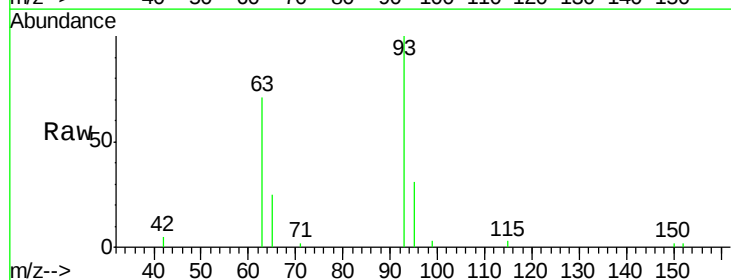
Tgt Ion: 93 Resp: 4764

Ion Ratio Lower Upper

93 100

63 72.3 58.3 87.5

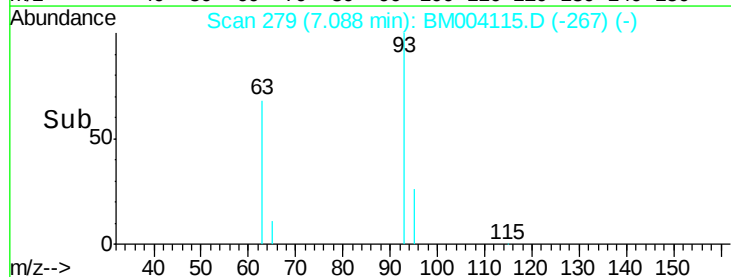
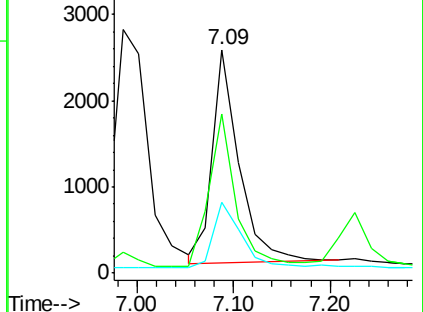
95 34.1 25.8 38.8

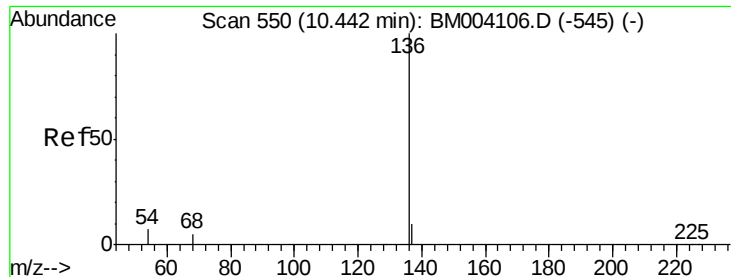


Abundance Ion 93.00 (92.70 to 93.70): BM004115.D (-267) (-)

Ion 63.00 (62.70 to 63.70): BM004115.D (-267) (-)

Ion 95.00 (94.70 to 95.70): BM004115.D (-267) (-)





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.44 min Scan# 549

Delta R.T. -0.00 min

Lab File: BM004115.D

Acq: 22 Jan 2016 17:39

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

Tgt Ion:136 Resp: 96298

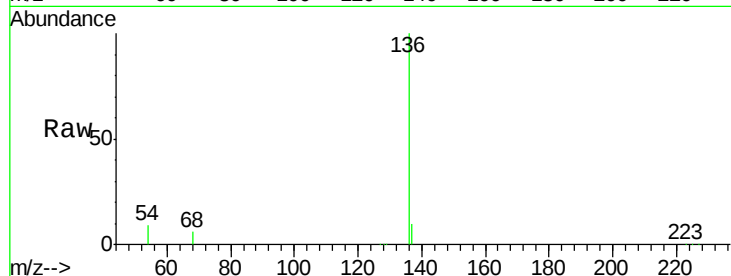
Ion Ratio Lower Upper

136 100

137 10.2 9.2 13.8

54 8.7 2.8 4.2#

68 6.3 2.5 3.7#

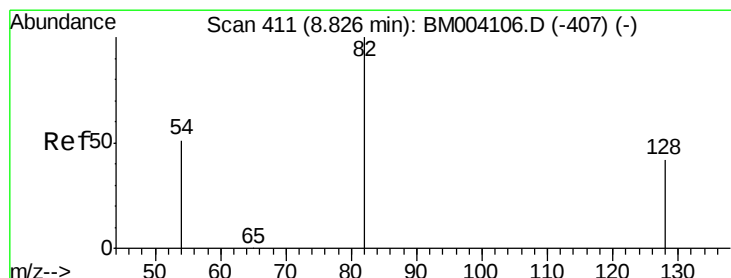
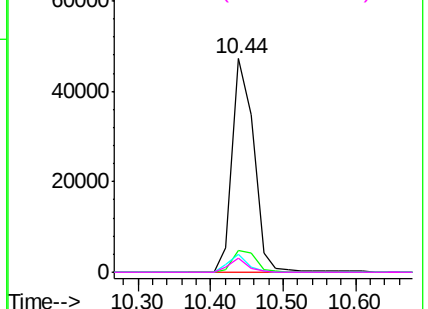
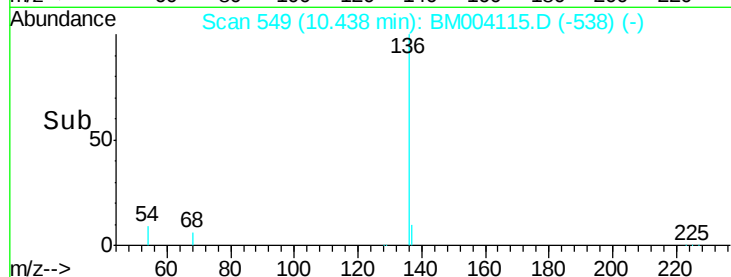


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.91 ng

RT: 8.82 min Scan# 410

Delta R.T. -0.00 min

Lab File: BM004115.D

Acq: 22 Jan 2016 17:39

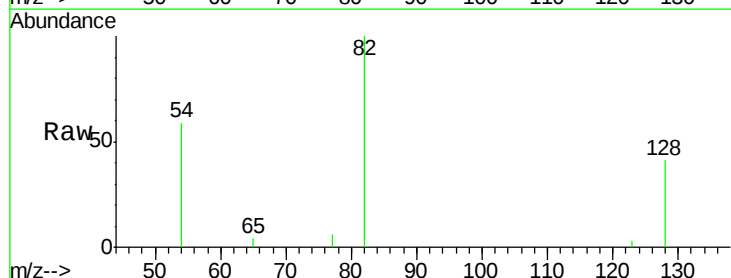
Tgt Ion: 82 Resp: 3837

Ion Ratio Lower Upper

82 100

128 41.1 39.1 58.7

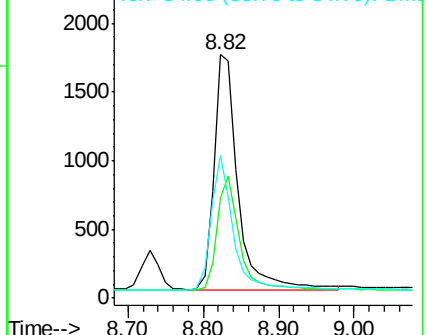
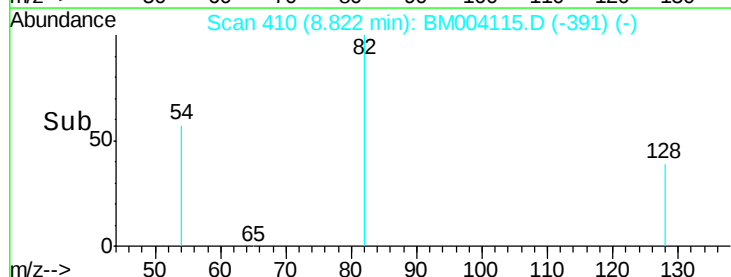
54 58.7 34.8 52.2#

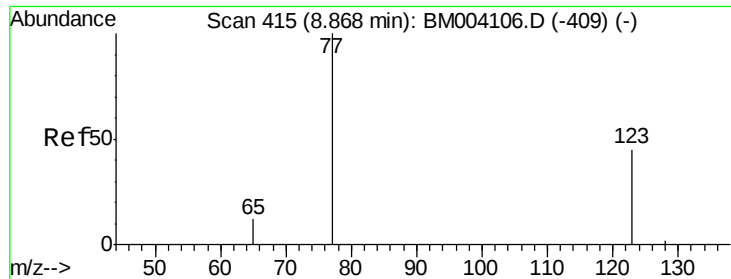


Abundance Ion 82.00 (81.70 to 82.70): BM

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: 8.86 min Scan# 414

Delta R.T. -0.00 min

Lab File: BM004115.D

Acq: 22 Jan 2016 17:39

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

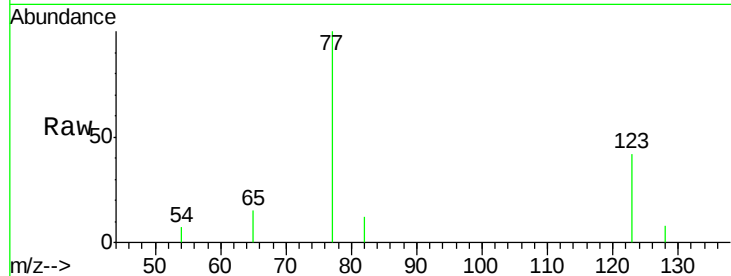
Tgt Ion: 77 Resp: 4357

Ion Ratio Lower Upper

77 100

123 48.2 38.6 57.8

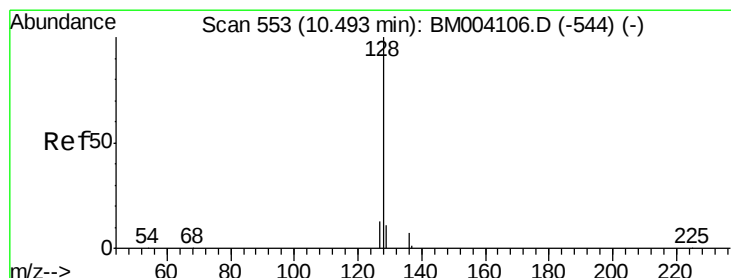
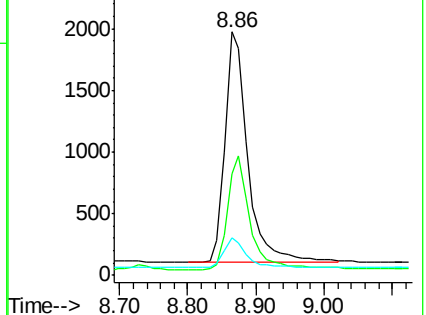
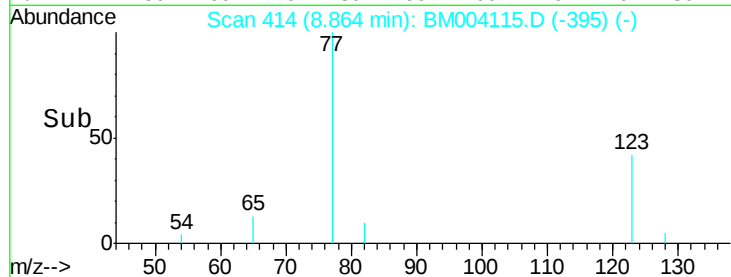
65 12.8 9.9 14.9



Abundance Ion 77.00 (76.70 to 77.70): BM004115.D (-395) (-)

Ion 123.00 (122.70 to 123.70): BM004115.D (-395) (-)

Ion 65.00 (64.70 to 65.70): BM004115.D (-395) (-)



#10

Naphthalene

Concen: 0.92 ng

RT: 10.49 min Scan# 552

Delta R.T. -0.00 min

Lab File: BM004115.D

Acq: 22 Jan 2016 17:39

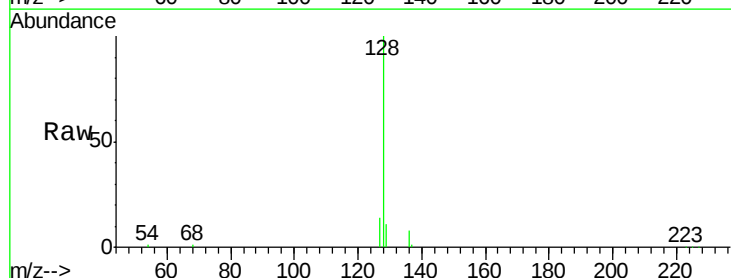
Tgt Ion: 128 Resp: 20679

Ion Ratio Lower Upper

128 100

129 11.0 8.5 12.7

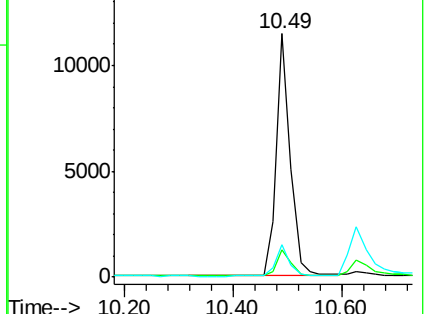
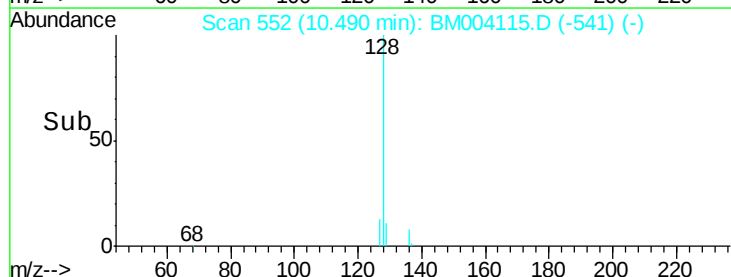
127 13.5 11.0 16.4

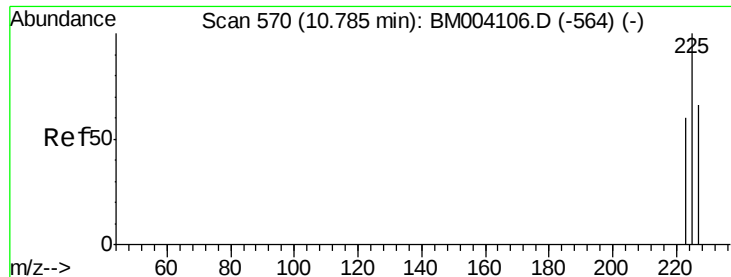


Abundance Ion 128.00 (127.70 to 128.70): BM004115.D (-541) (-)

Ion 129.00 (128.70 to 129.70): BM004115.D (-541) (-)

Ion 127.00 (126.70 to 127.70): BM004115.D (-541) (-)

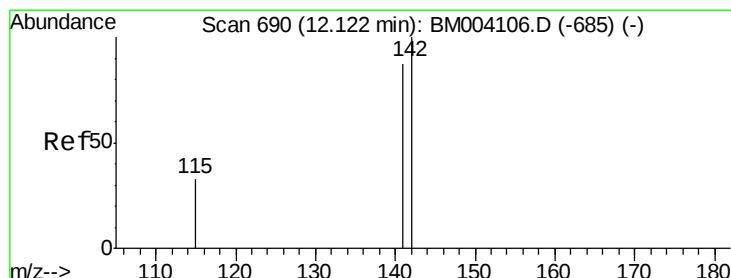
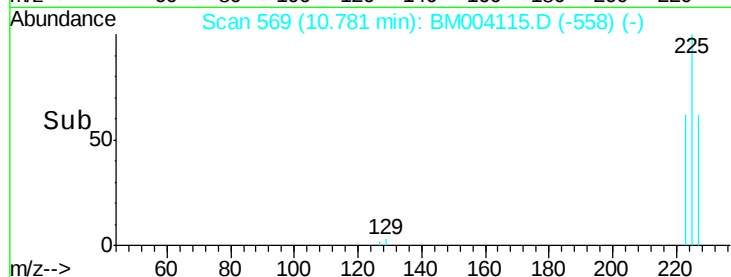
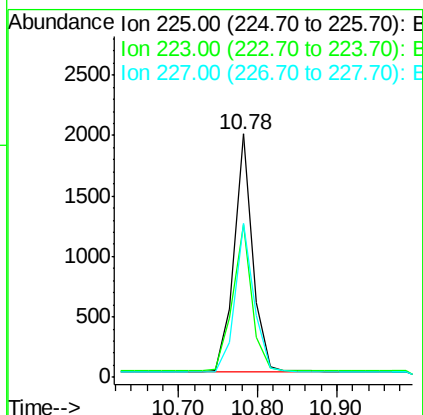
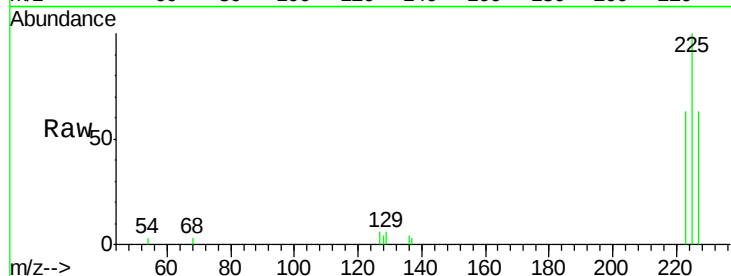




#11
Hexachlorobutadiene
Concen: 0.93 ng
RT: 10.78 min Scan# 569
Delta R.T. -0.00 min
Lab File: BM004115.D
Acq: 22 Jan 2016 17:39

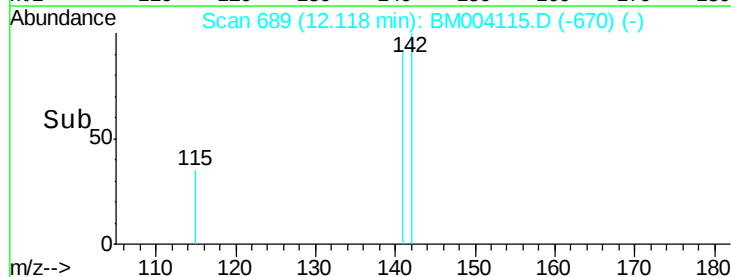
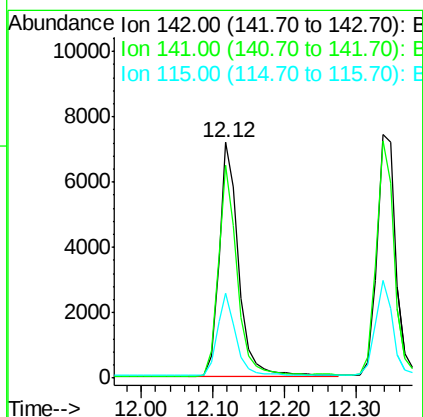
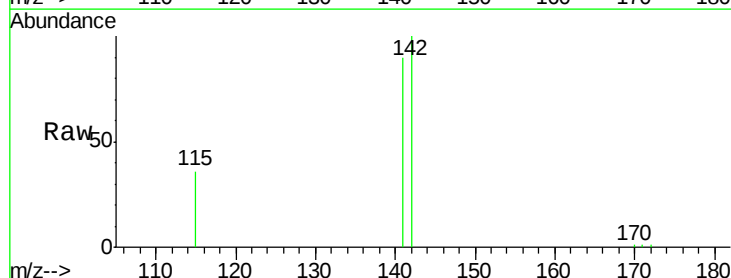
Instrument :
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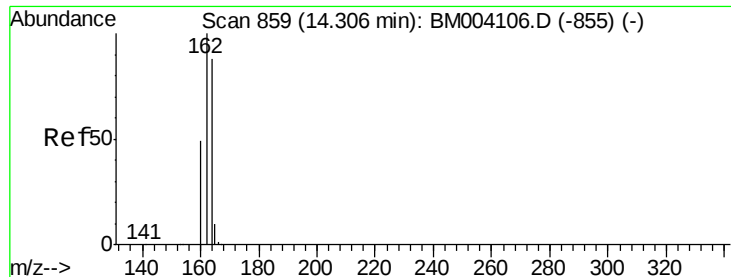
Tgt Ion: 225 Resp: 3222
Ion Ratio Lower Upper
225 100
223 62.8 50.9 76.3
227 63.2 51.2 76.8



#12
2-Methylnaphthalene
Concen: 0.93 ng
RT: 12.12 min Scan# 689
Delta R.T. -0.00 min
Lab File: BM004115.D
Acq: 22 Jan 2016 17:39

Tgt Ion: 142 Resp: 13571
Ion Ratio Lower Upper
142 100
141 90.3 67.8 101.8
115 35.9 25.3 37.9





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.30 min Scan# 858

Delta R.T. -0.00 min

Lab File: BM004115.D

Acq: 22 Jan 2016 17:39

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

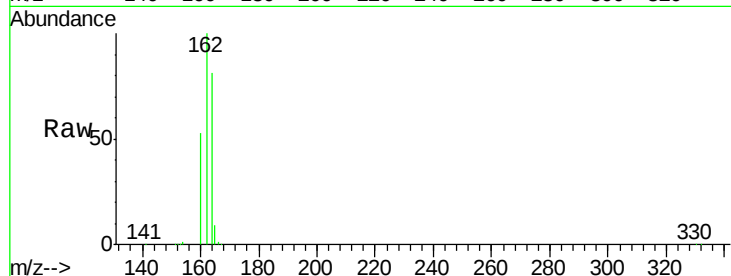
Tgt Ion:164 Resp: 53053

Ion Ratio Lower Upper

164 100

162 124.2 86.0 129.0

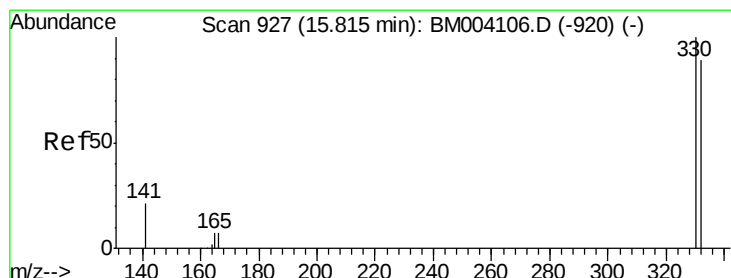
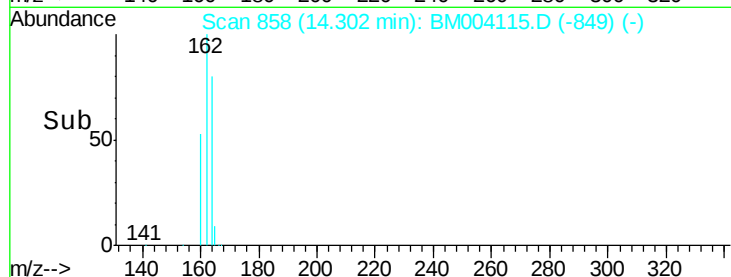
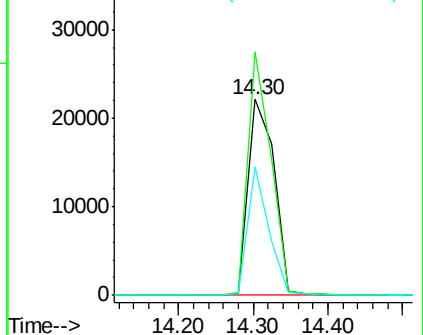
160 65.5 40.3 60.5#



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: 0.90 ng

RT: 15.81 min Scan# 926

Delta R.T. -0.00 min

Lab File: BM004115.D

Acq: 22 Jan 2016 17:39

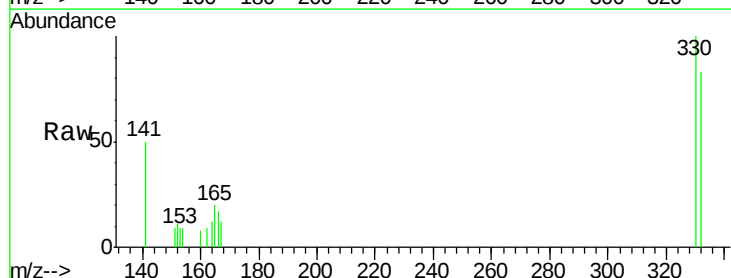
Tgt Ion:330 Resp: 1329

Ion Ratio Lower Upper

330 100

332 93.9 79.0 118.4

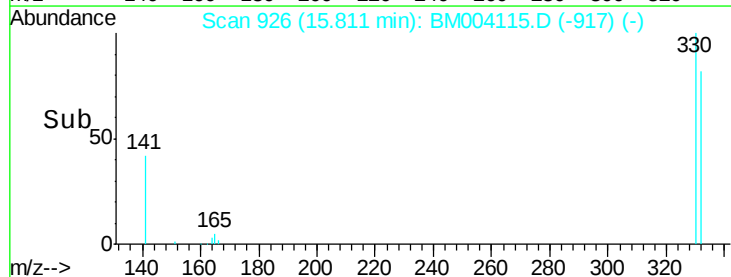
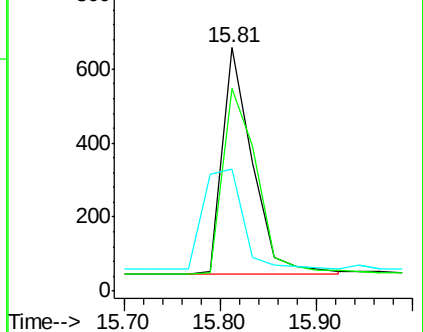
141 58.2 27.8 41.6#

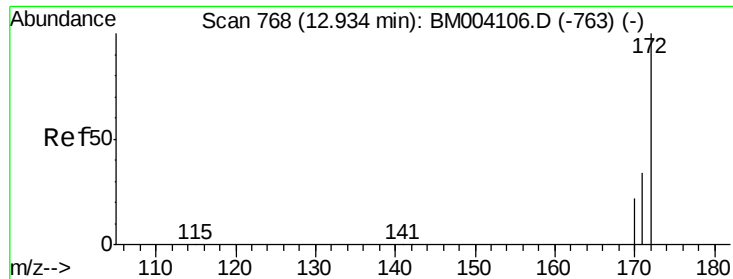


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

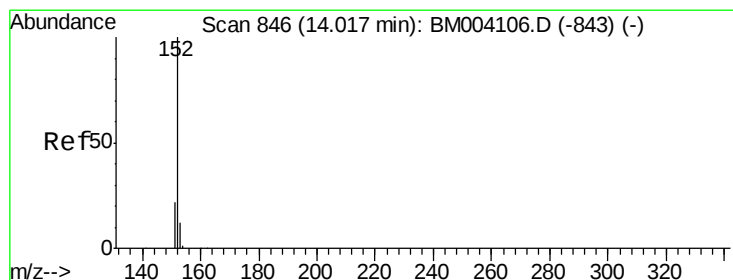
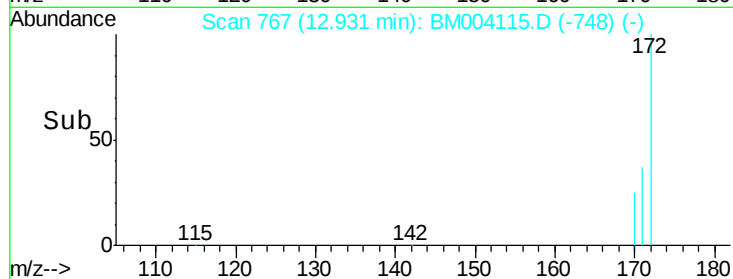
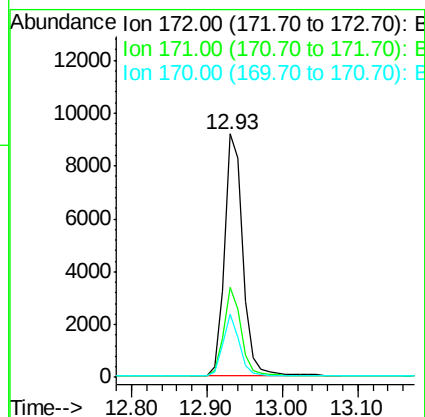
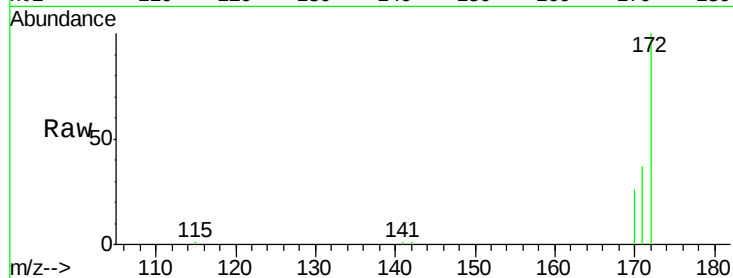




#15
2-Fluorobiphenyl
Concen: 0.98 ng
RT: 12.93 min Scan# 767
Delta R.T. -0.00 min
Lab File: BM004115.D
Acq: 22 Jan 2016 17:39

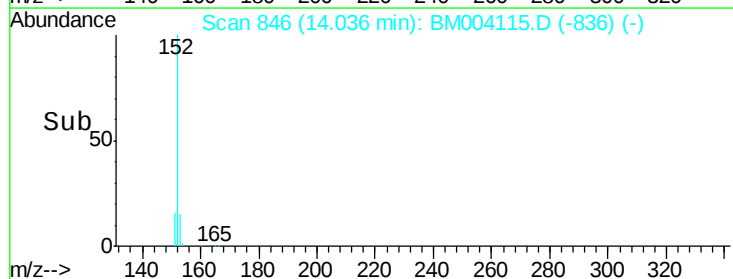
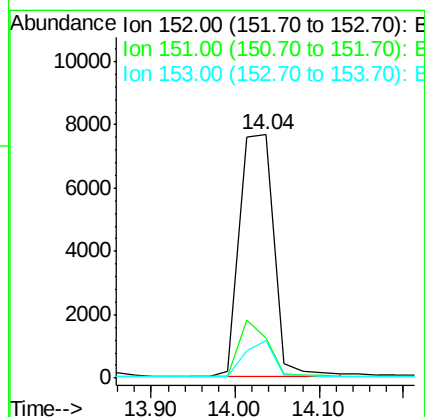
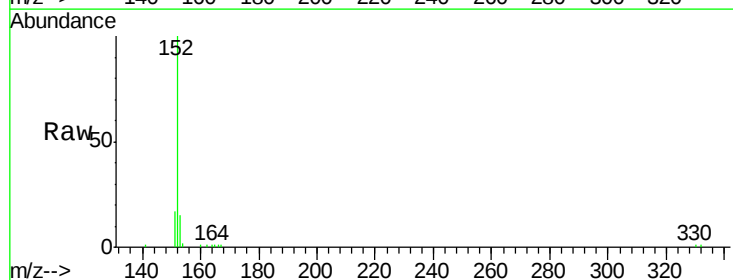
Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

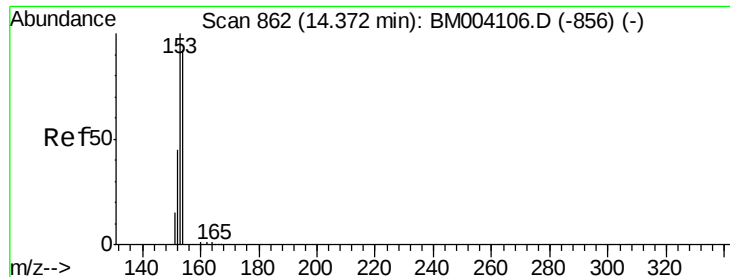
Tgt Ion:172 Resp: 15910
Ion Ratio Lower Upper
172 100
171 37.0 27.0 40.6
170 25.8 17.9 26.9



#16
Acenaphthylene
Concen: 0.94 ng
RT: 14.04 min Scan# 846
Delta R.T. 0.02 min
Lab File: BM004115.D
Acq: 22 Jan 2016 17:39

Tgt Ion:152 Resp: 21419
Ion Ratio Lower Upper
152 100
151 0.0 15.8 23.8#
153 12.9 10.2 15.4





#17

Acenaphthene

Concen: 0.92 ng

RT: 14.37 min Scan# 861

Delta R.T. -0.00 min

Lab File: BM004115.D

Acq: 22 Jan 2016 17:39

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

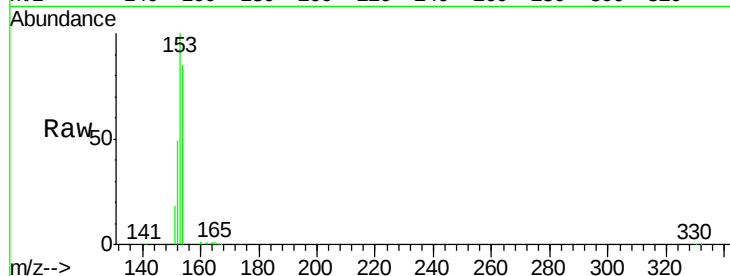
Tgt Ion:154 Resp: 15967

Ion Ratio Lower Upper

154 100

153 114.1 85.4 128.2

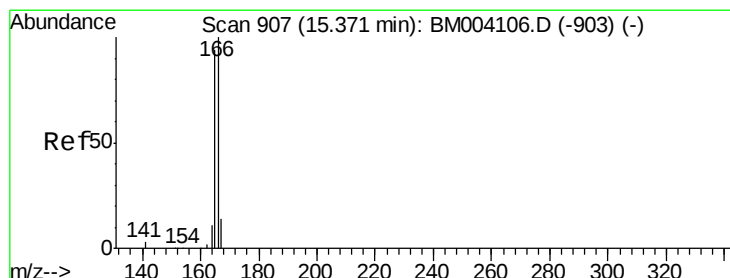
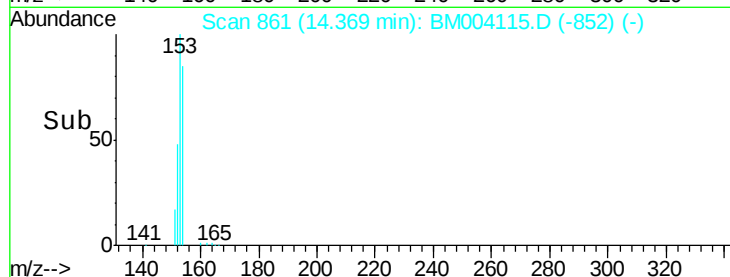
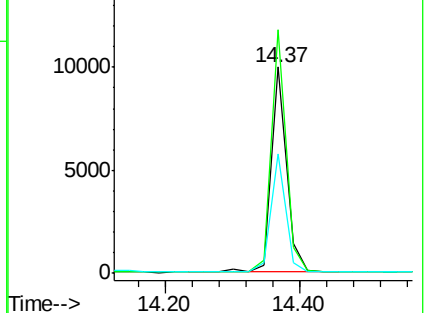
152 55.1 40.6 60.8



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: 0.96 ng

RT: 15.37 min Scan# 906

Delta R.T. -0.00 min

Lab File: BM004115.D

Acq: 22 Jan 2016 17:39

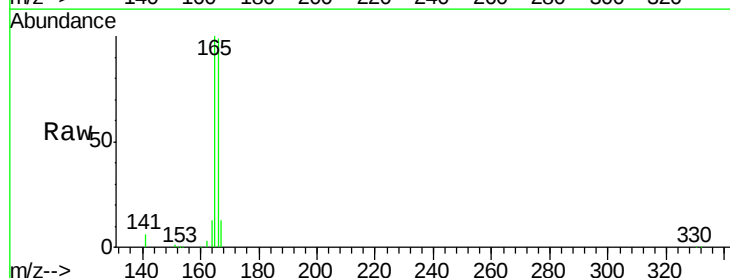
Tgt Ion:166 Resp: 20277

Ion Ratio Lower Upper

166 100

165 99.9 77.2 115.8

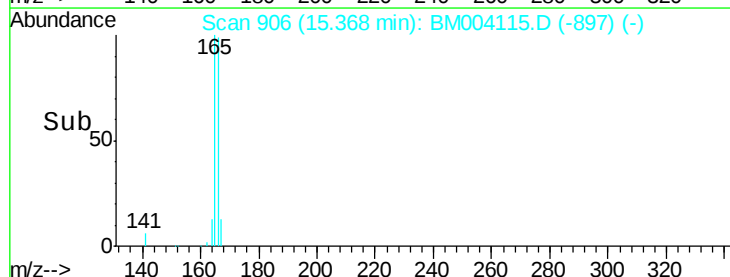
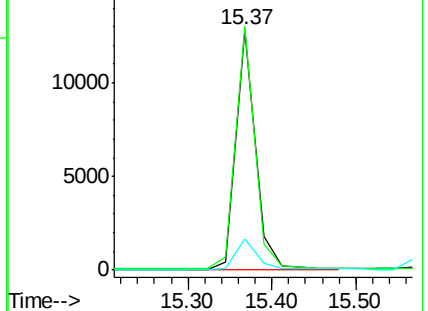
167 13.2 11.0 16.6

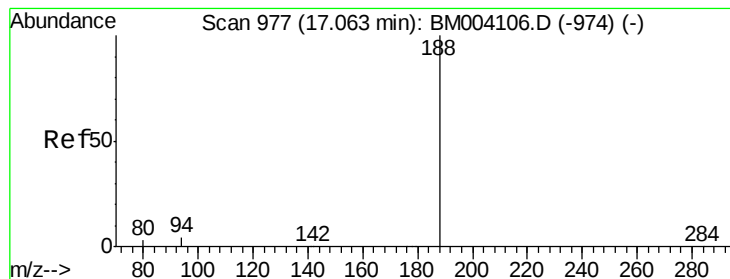


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.06 min Scan# 976

Delta R.T. -0.00 min

Lab File: BM004115.D

Acq: 22 Jan 2016 17:39

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

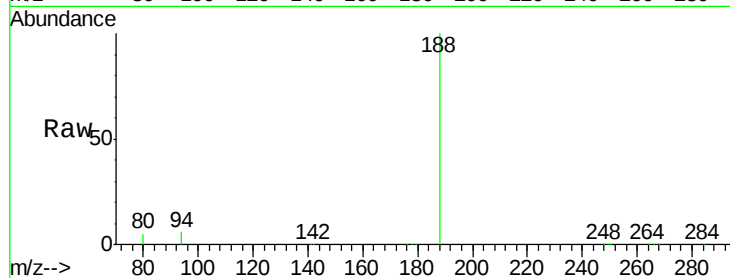
Tgt Ion:188 Resp: 162987

Ion Ratio Lower Upper

188 100

94 5.7 20.3 30.5#

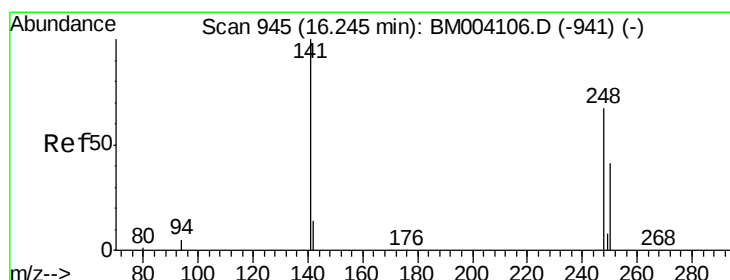
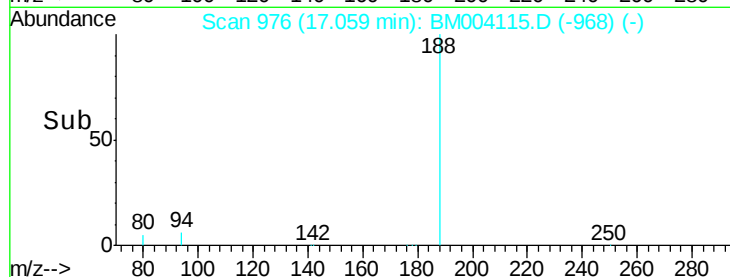
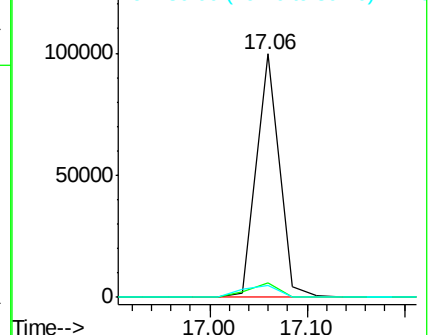
80 5.1 22.2 33.4#



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: 0.81 ng

RT: 16.27 min Scan# 945

Delta R.T. 0.02 min

Lab File: BM004115.D

Acq: 22 Jan 2016 17:39

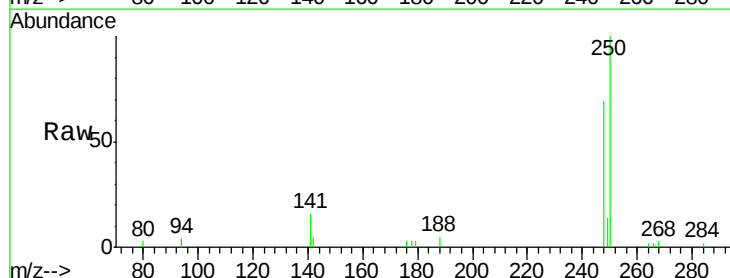
Tgt Ion:248 Resp: 4282

Ion Ratio Lower Upper

248 100

250 103.1 75.0 112.4

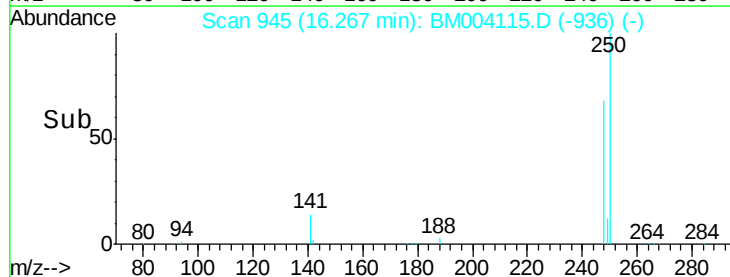
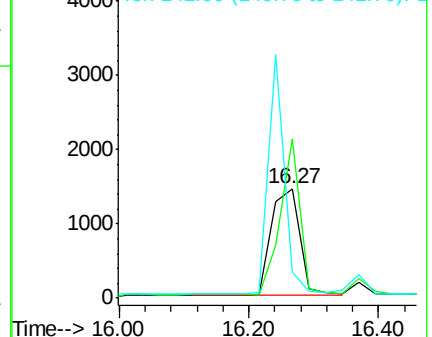
141 0.0 53.0 79.4#

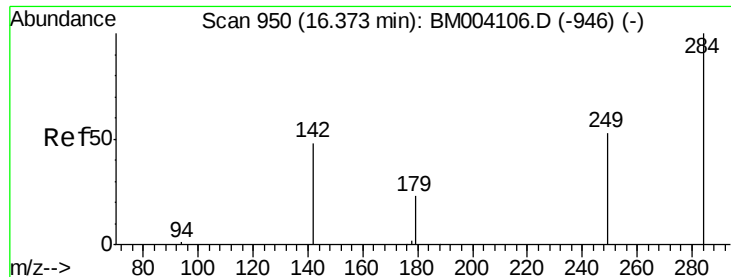


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

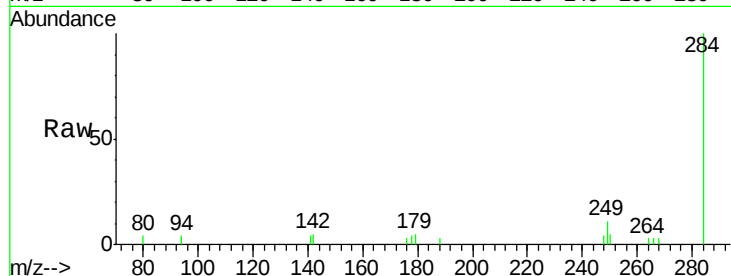




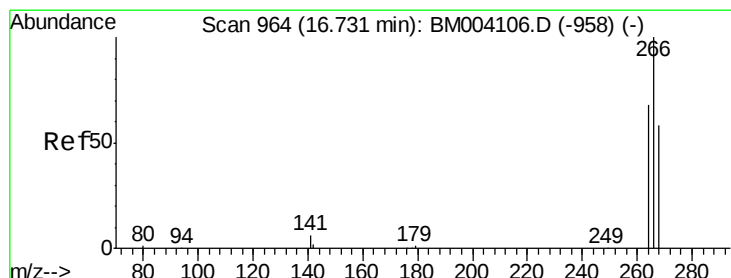
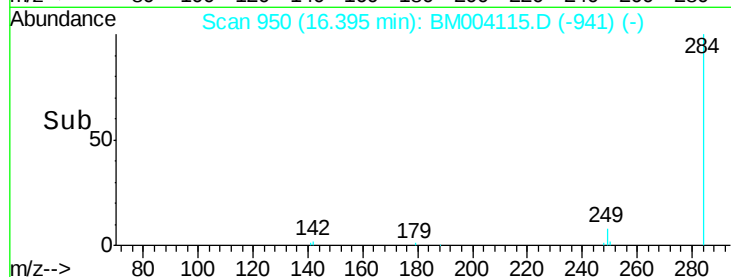
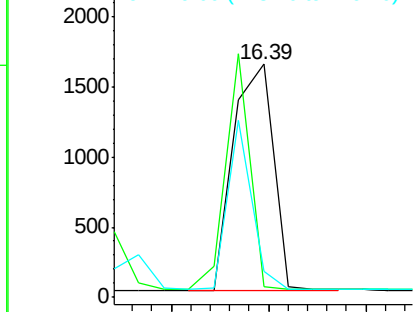
#21
Hexachlorobenzene
Concen: 0.83 ng
RT: 16.39 min Scan# 950
Delta R.T. 0.02 min
Lab File: BM004115.D
Acq: 22 Jan 2016 17:39

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion: 284 Resp: 4607
Ion Ratio Lower Upper
284 100
142 0.0 22.2 33.4#
249 0.0 21.5 32.3#

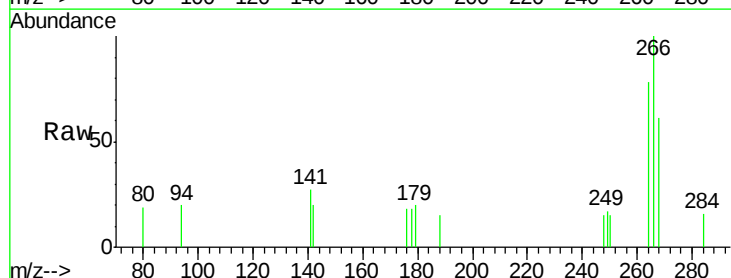


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

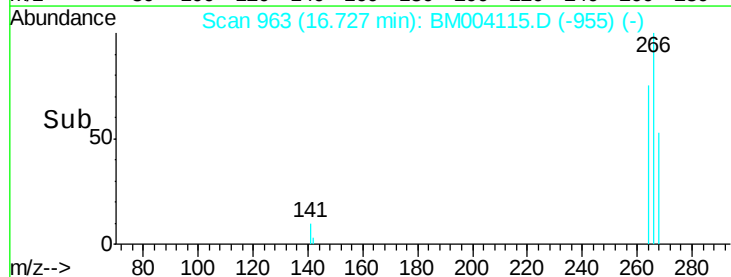
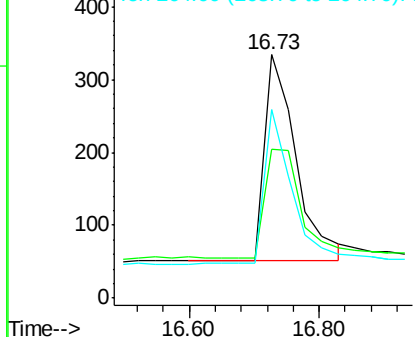


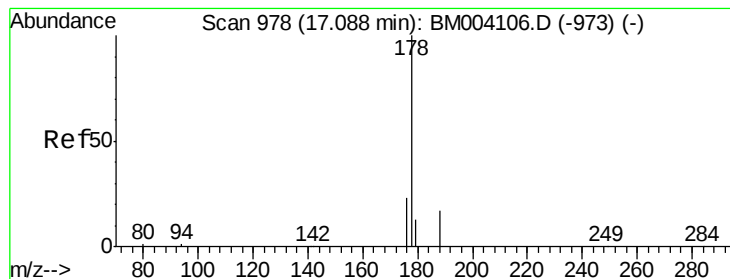
#22
Pentachlorophenol
Concen: 0.79 ng
RT: 16.73 min Scan# 963
Delta R.T. -0.00 min
Lab File: BM004115.D
Acq: 22 Jan 2016 17:39

Tgt Ion: 266 Resp: 948
Ion Ratio Lower Upper
266 100
268 61.4 62.7 94.1#
264 77.5 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: 0.85 ng

RT: 17.11 min Scan# 978

Delta R.T. 0.02 min

Lab File: BM004115.D

Acq: 22 Jan 2016 17:39

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

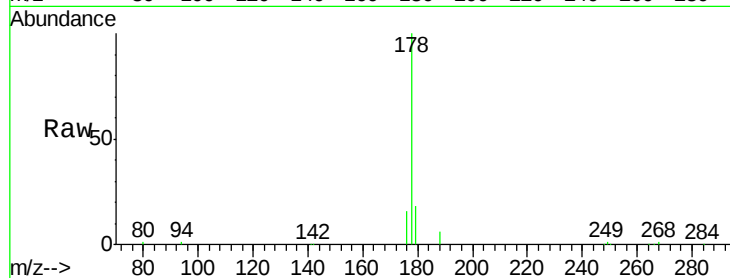
Tgt Ion:178 Resp: 29916

Ion Ratio Lower Upper

178 100

176 0.0 15.4 23.0#

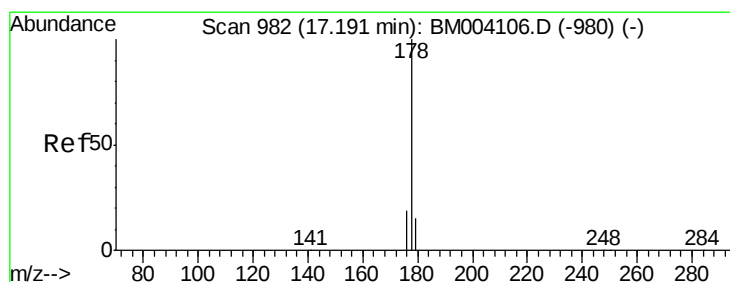
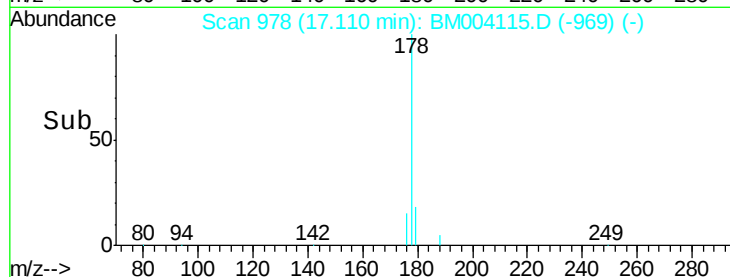
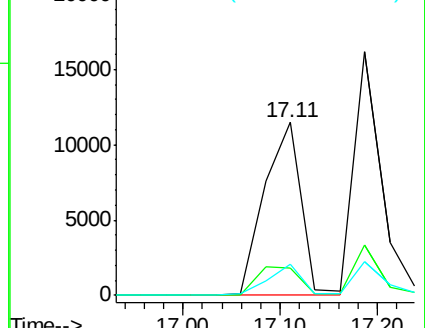
179 15.9 12.2 18.4



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: 0.82 ng

RT: 17.19 min Scan# 981

Delta R.T. -0.00 min

Lab File: BM004115.D

Acq: 22 Jan 2016 17:39

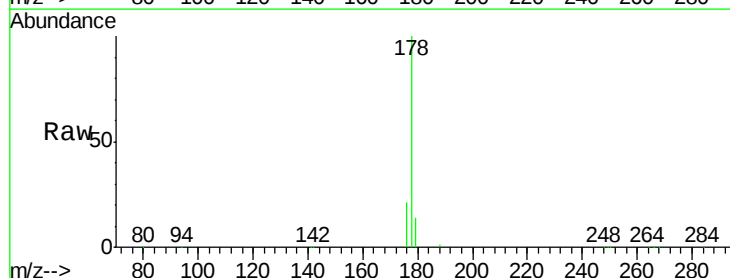
Tgt Ion:178 Resp: 30542

Ion Ratio Lower Upper

178 100

176 19.5 14.6 21.8

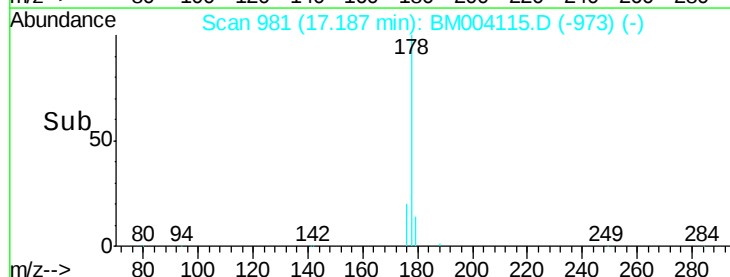
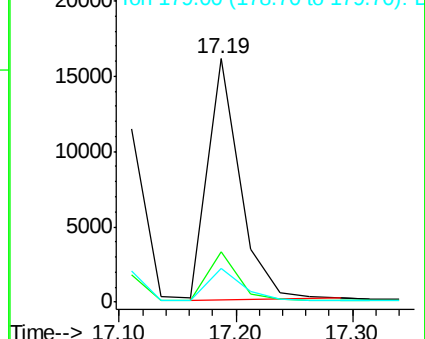
179 14.5 12.6 19.0

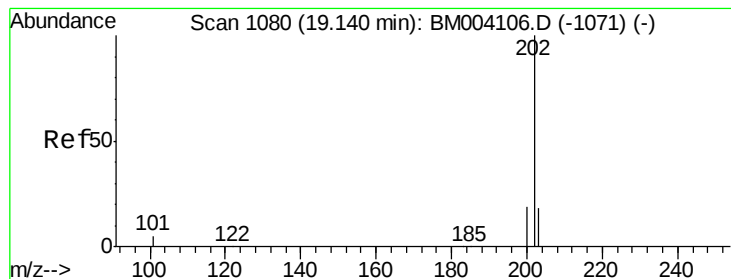


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene

Concen: 0.85 ng

RT: 19.14 min Scan# 1079

Delta R.T. 0.00 min

Lab File: BM004115.D

Acq: 22 Jan 2016 17:39

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

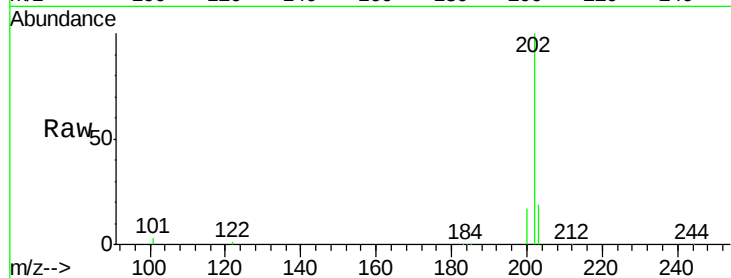
Tgt Ion:202 Resp: 37679

Ion Ratio Lower Upper

202 100

101 12.0 9.7 14.5

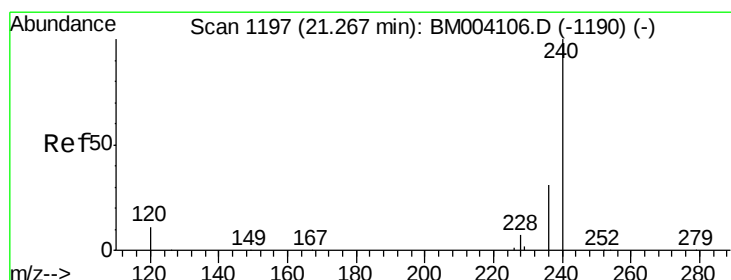
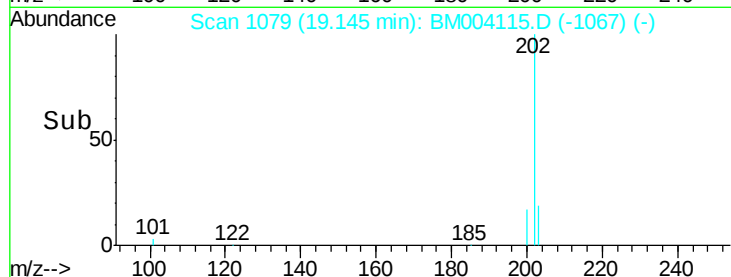
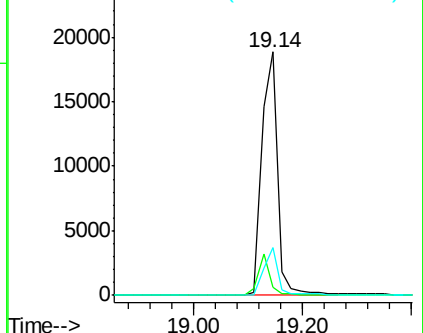
203 17.2 13.8 20.8



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: 21.28 min Scan# 1196

Delta R.T. 0.01 min

Lab File: BM004115.D

Acq: 22 Jan 2016 17:39

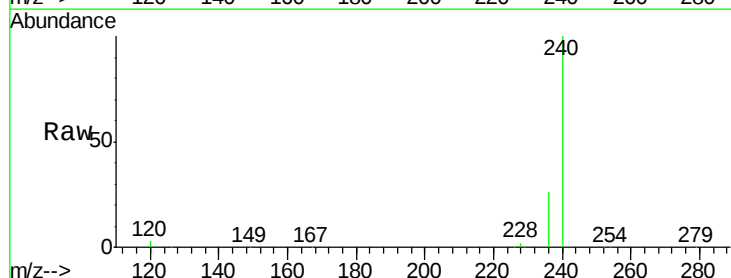
Tgt Ion:240 Resp: 169539

Ion Ratio Lower Upper

240 100

120 2.7 0.9 1.3#

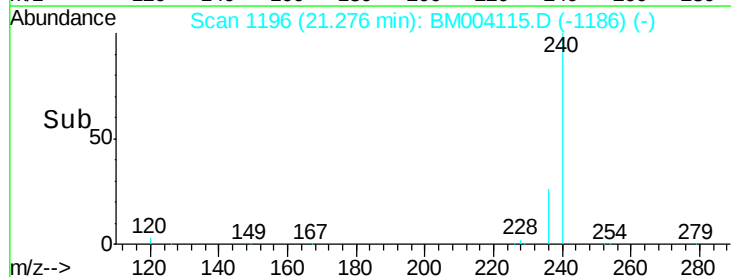
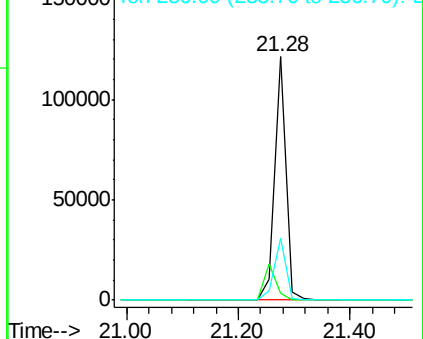
236 25.7 17.3 25.9

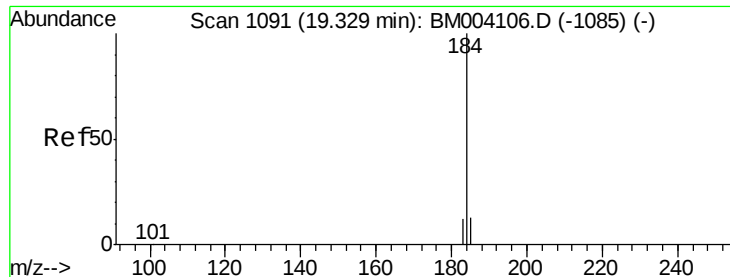


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 0.64 ng

RT: 19.33 min Scan# 1090

Delta R.T. 0.01 min

Lab File: BM004115.D

Acq: 22 Jan 2016 17:39

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

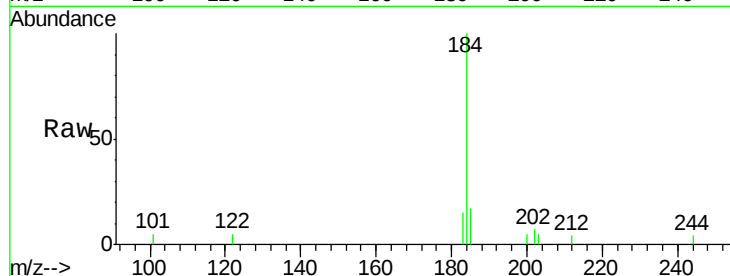
Tgt Ion:184 Resp: 4148

Ion Ratio Lower Upper

184 100

185 16.8 13.2 19.8

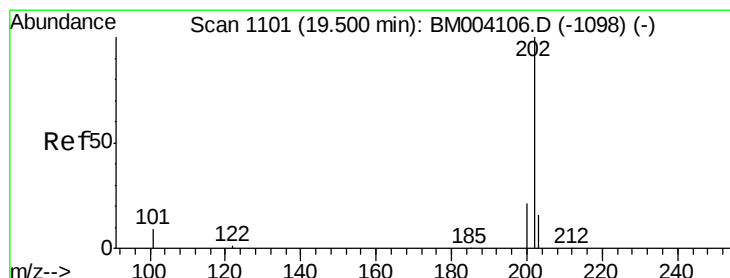
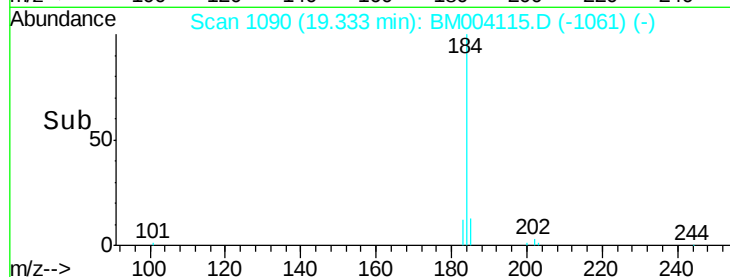
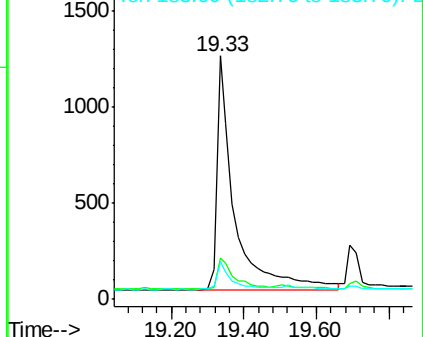
183 15.3 9.0 13.6#



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: 0.86 ng

RT: 19.50 min Scan# 1100

Delta R.T. 0.00 min

Lab File: BM004115.D

Acq: 22 Jan 2016 17:39

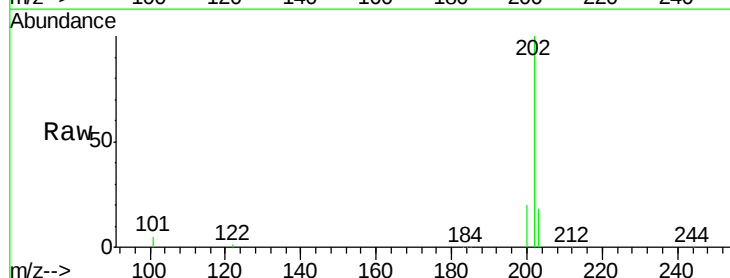
Tgt Ion:202 Resp: 41140

Ion Ratio Lower Upper

202 100

200 20.9 16.6 24.8

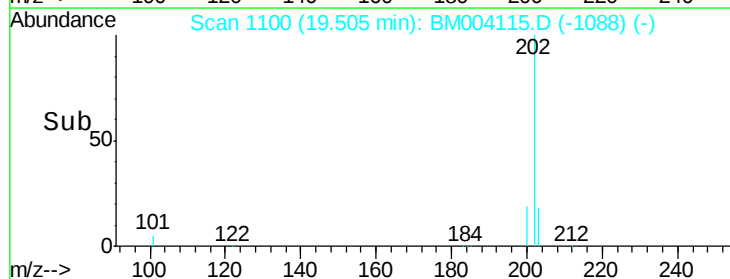
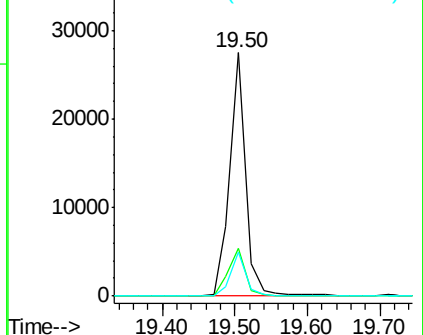
203 17.3 14.0 21.0

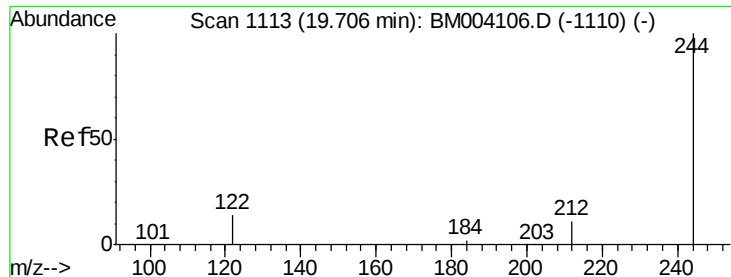


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.90 ng

RT: 19.71 min Scan# 1112

Delta R.T. 0.01 min

Lab File: BM004115.D

Acq: 22 Jan 2016 17:39

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

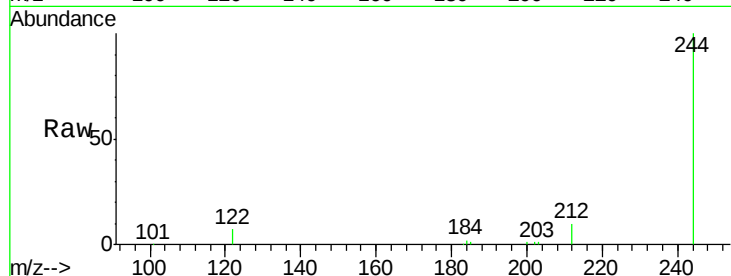
Tgt Ion:244 Resp: 19272

Ion Ratio Lower Upper

244 100

212 9.6 7.0 10.6

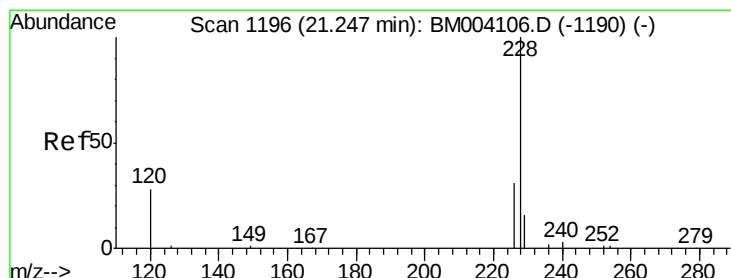
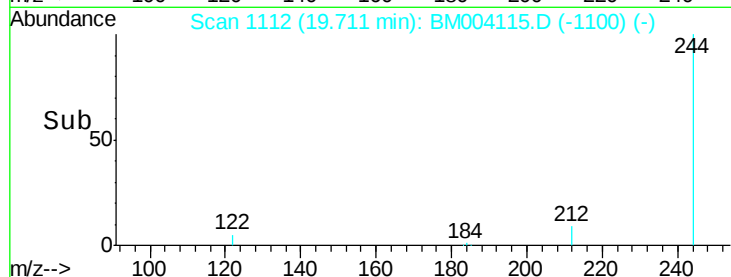
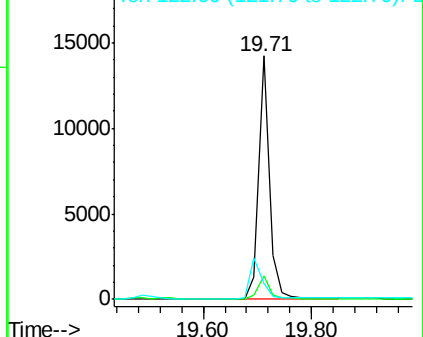
122 6.6 3.0 4.6#



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: 1.60 ng

RT: 21.25 min Scan# 1195

Delta R.T. 0.01 min

Lab File: BM004115.D

Acq: 22 Jan 2016 17:39

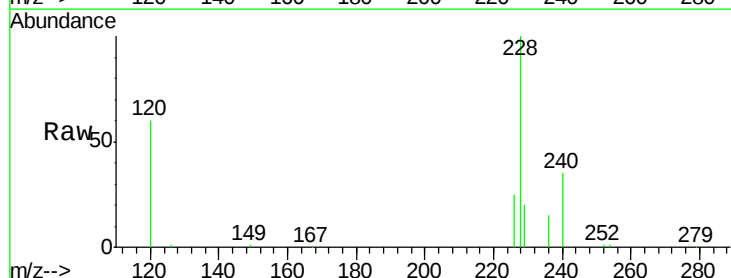
Tgt Ion:228 Resp: 80994

Ion Ratio Lower Upper

228 100

226 25.3 17.2 25.8

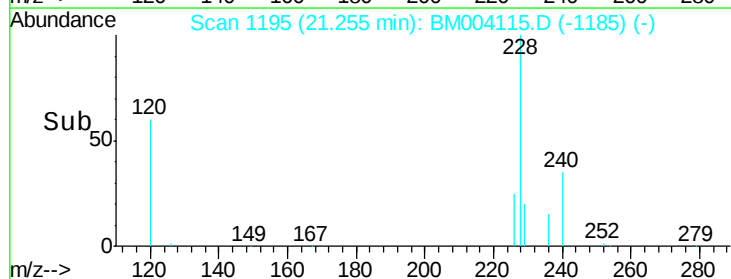
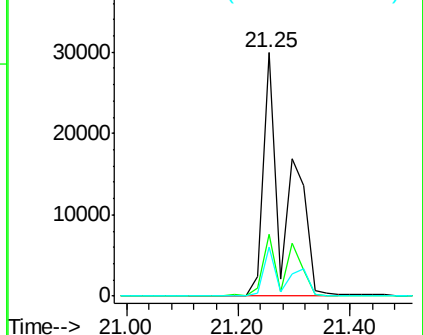
229 20.1 18.7 28.1

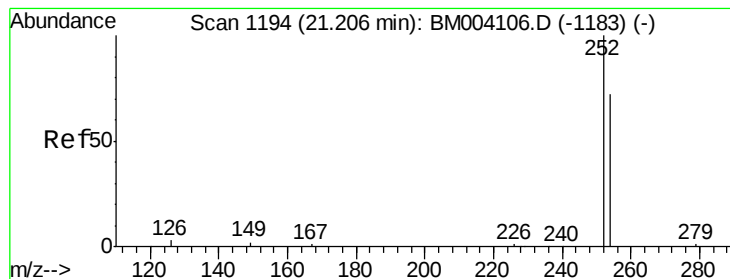


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

3,3'-Dichlorobenzidine

Concen: 0.88 ng

RT: 21.19 min Scan# 1192

Delta R.T. -0.01 min

Lab File: BM004115.D

Acq: 22 Jan 2016 17:39

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

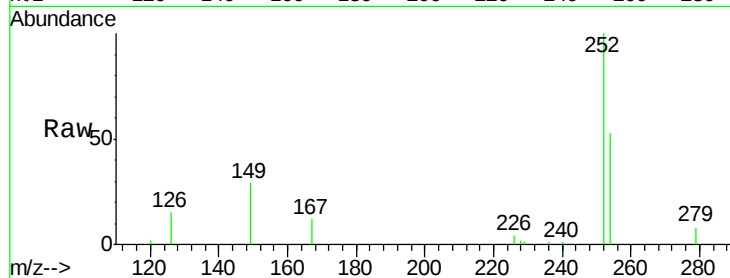
Tgt Ion:252 Resp: 8931

Ion Ratio Lower Upper

252 100

254 53.1 52.6 79.0

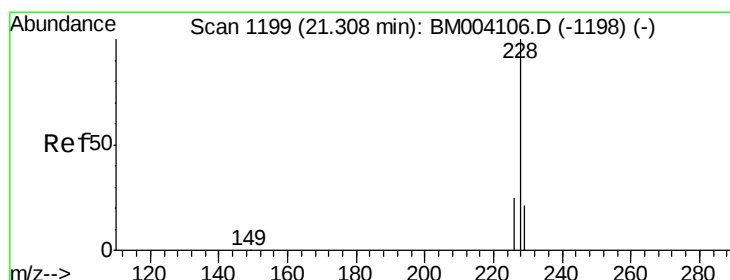
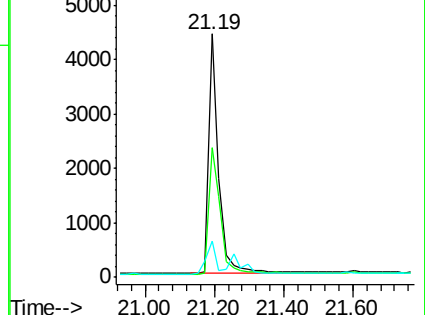
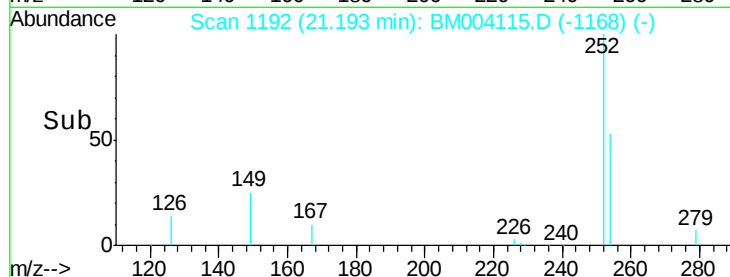
126 14.8 3.7 5.5#



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: 1.85 ng

RT: 21.25 min Scan# 1195

Delta R.T. -0.05 min

Lab File: BM004115.D

Acq: 22 Jan 2016 17:39

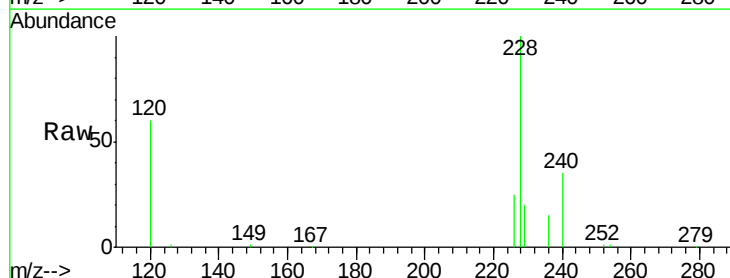
Tgt Ion:228 Resp: 81341

Ion Ratio Lower Upper

228 100

226 25.3 25.3 37.9

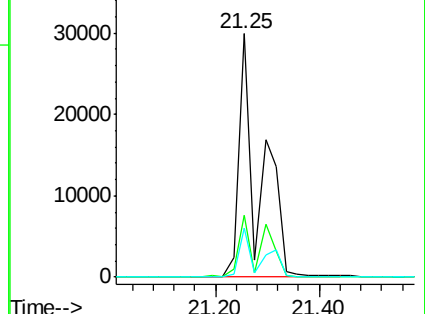
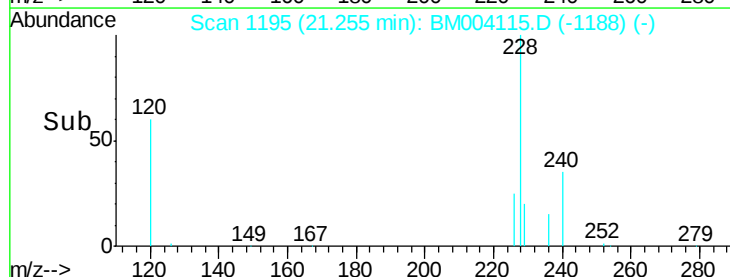
229 20.1 14.5 21.7

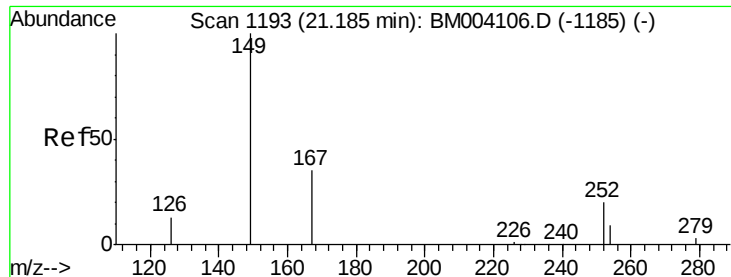


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

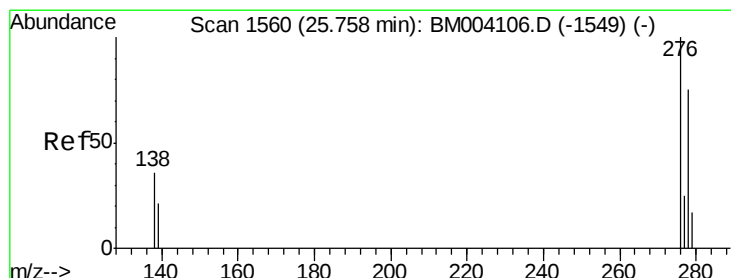
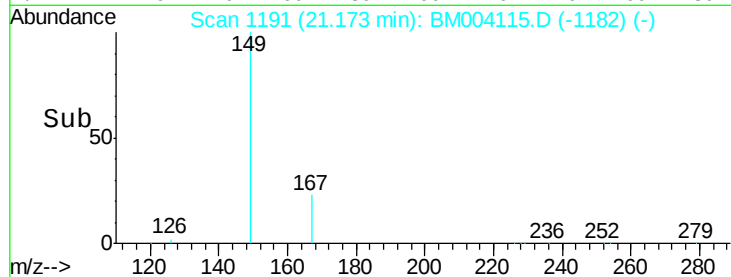
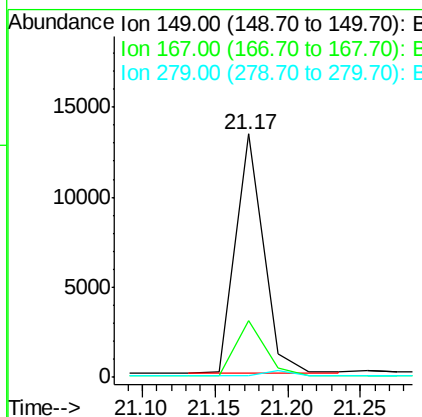
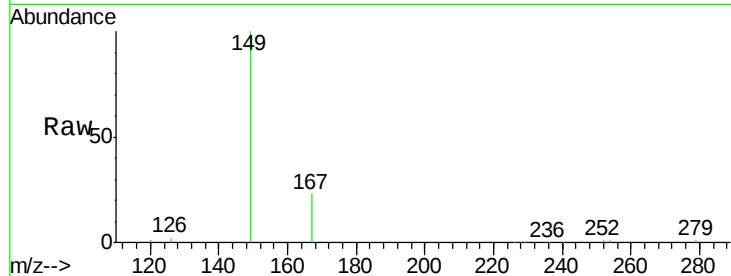




#33
 Bis(2-ethylhexyl)phthalate
 Concen: 1.09 ng
 RT: 21.17 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BM004115.D
 Acq: 22 Jan 2016 17:39

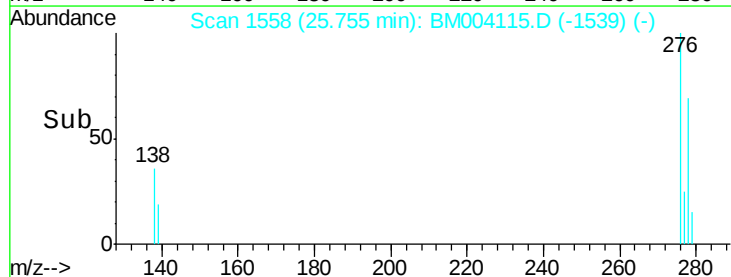
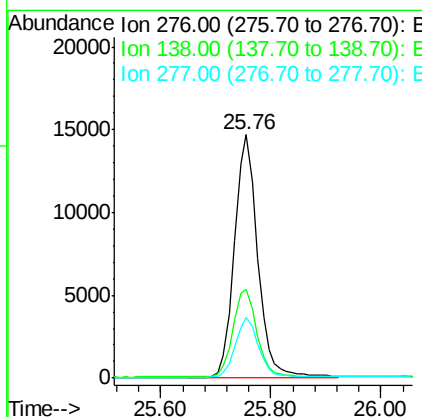
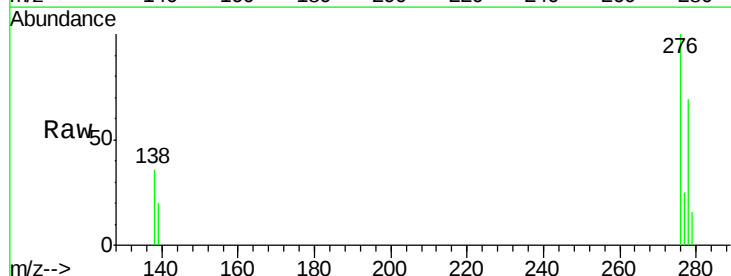
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001EC

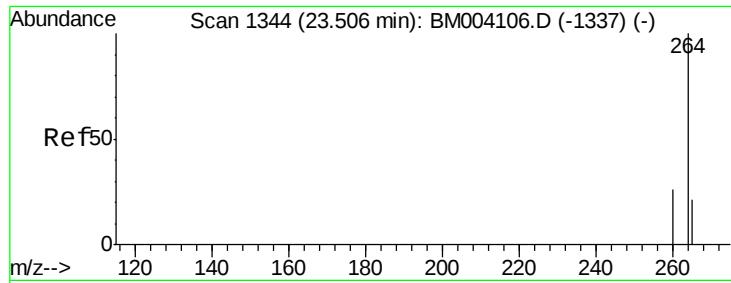
Tgt Ion:149 Resp: 17925
 Ion Ratio Lower Upper
 149 100
 167 24.5 20.1 30.1
 279 0.0 1.8 2.6#



#34
 Indeno(1,2,3-cd)pyrene
 Concen: 0.86 ng
 RT: 25.76 min Scan# 1558
 Delta R.T. -0.00 min
 Lab File: BM004115.D
 Acq: 22 Jan 2016 17:39

Tgt Ion:276 Resp: 42818
 Ion Ratio Lower Upper
 276 100
 138 37.5 30.2 45.2
 277 24.7 19.8 29.8

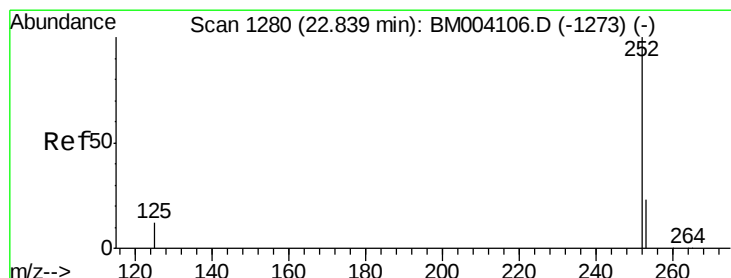
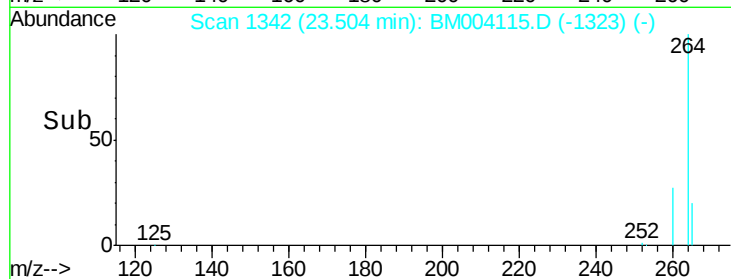
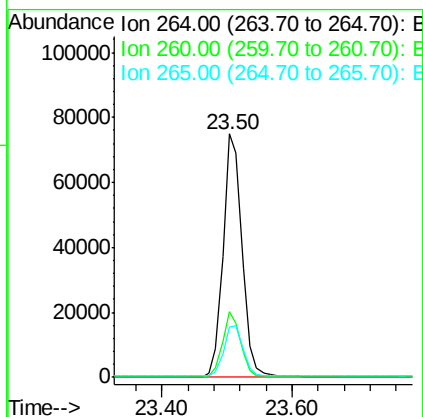
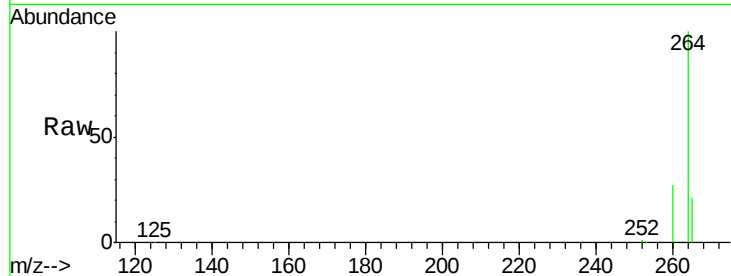




#35
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.50 min Scan# 1342
 Delta R.T. -0.00 min
 Lab File: BM004115.D
 Acq: 22 Jan 2016 17:39

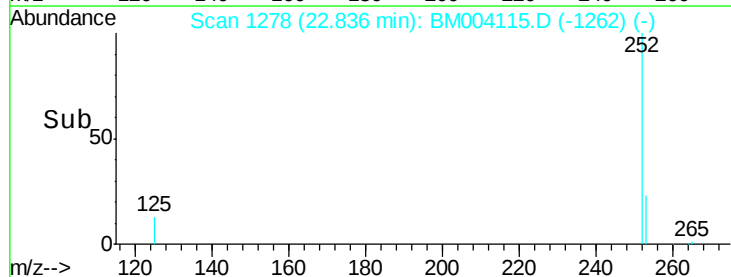
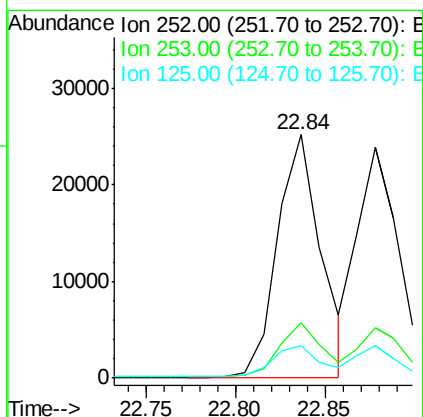
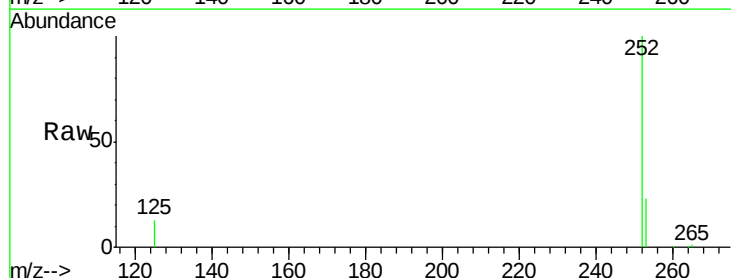
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001EC

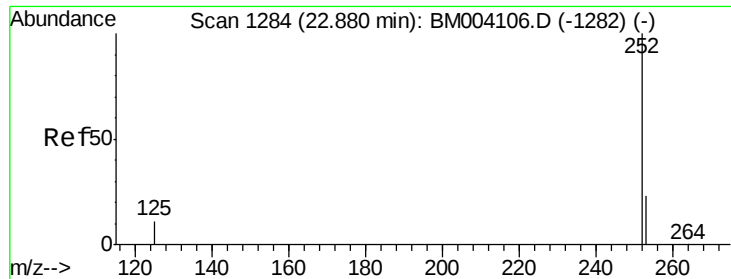
Tgt Ion: 264 Resp: 151125
 Ion Ratio Lower Upper
 264 100
 260 26.8 21.2 31.8
 265 20.6 16.7 25.1



#36
 Benzo(b)fluoranthene
 Concen: 0.90 ng
 RT: 22.84 min Scan# 1278
 Delta R.T. -0.00 min
 Lab File: BM004115.D
 Acq: 22 Jan 2016 17:39

Tgt Ion: 252 Resp: 42365
 Ion Ratio Lower Upper
 252 100
 253 22.5 18.8 28.2
 125 13.2 10.2 15.4





#37

Benzo(k)fluoranthene

Concen: 0.93 ng

RT: 22.88 min Scan# 1282

Delta R.T. -0.00 min

Lab File: BM004115.D

Acq: 22 Jan 2016 17:39

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

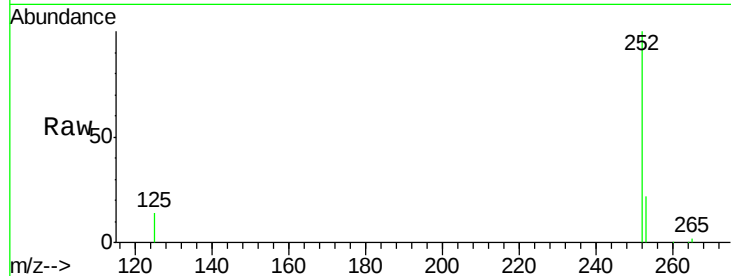
Tgt Ion:252 Resp: 39612

Ion Ratio Lower Upper

252 100

253 21.7 18.3 27.5

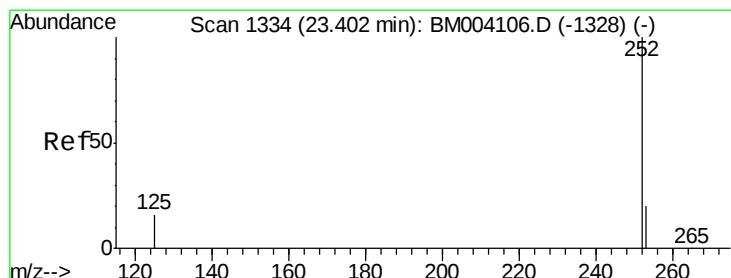
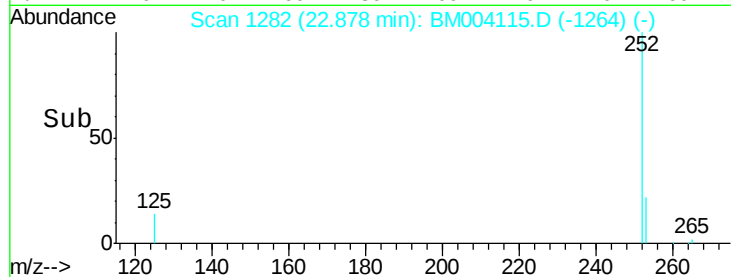
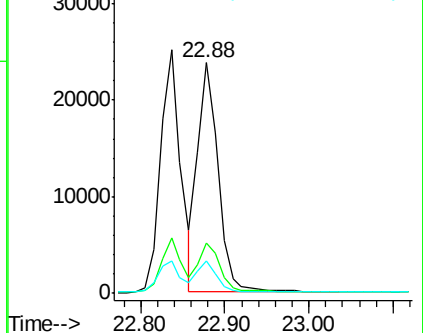
125 13.8 10.6 15.8



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: 0.92 ng

RT: 23.41 min Scan# 1333

Delta R.T. 0.01 min

Lab File: BM004115.D

Acq: 22 Jan 2016 17:39

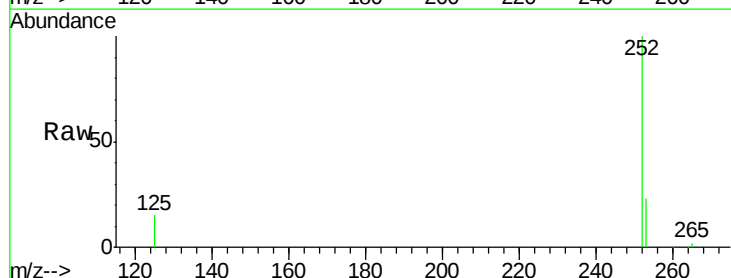
Tgt Ion:252 Resp: 38032

Ion Ratio Lower Upper

252 100

253 23.0 18.7 28.1

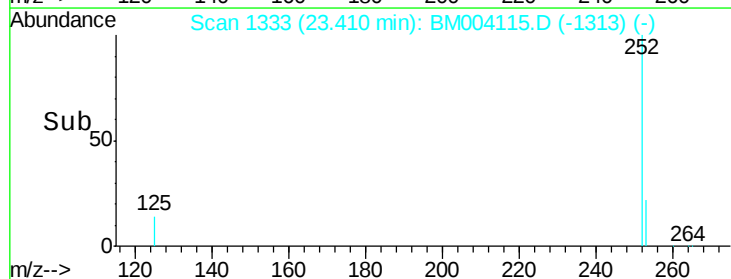
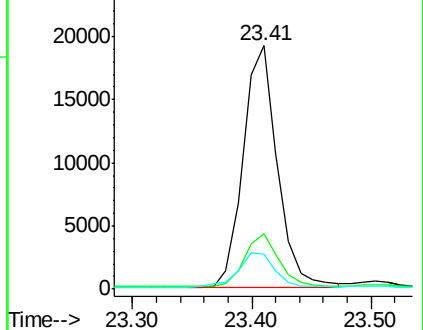
125 14.6 11.8 17.8

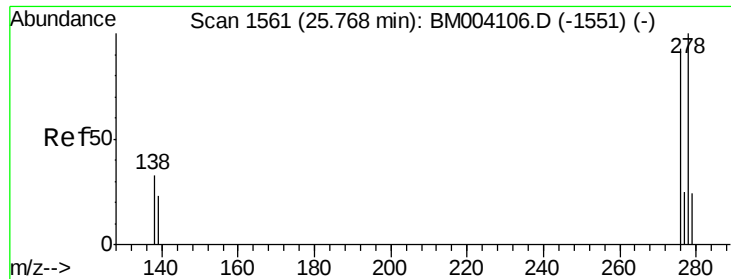


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Dibenzo(a,h)anthracene

Concen: 0.92 ng

RT: 25.77 min Scan# 1559

Delta R.T. -0.00 min

Lab File: BM004115.D

Acq: 22 Jan 2016 17:39

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

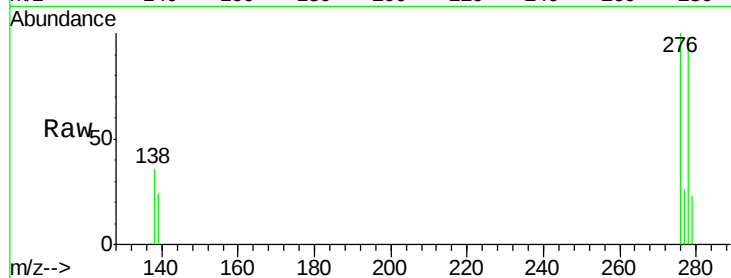
Tgt Ion: 278 Resp: 34001

Ion Ratio Lower Upper

278 100

139 24.3 19.0 28.6

279 23.7 19.6 29.4

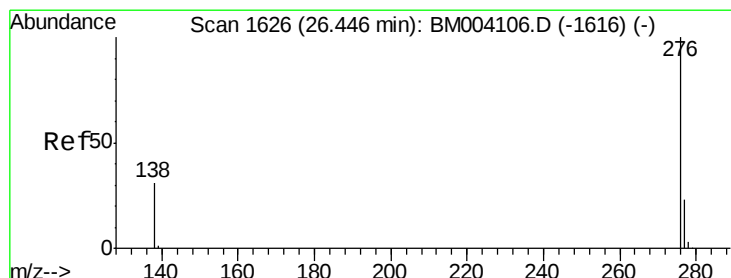
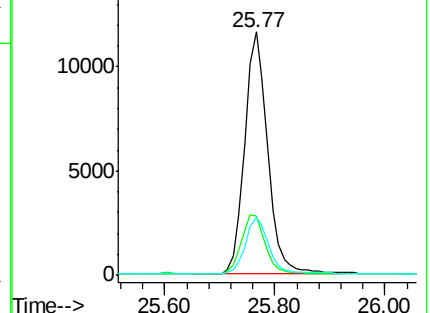
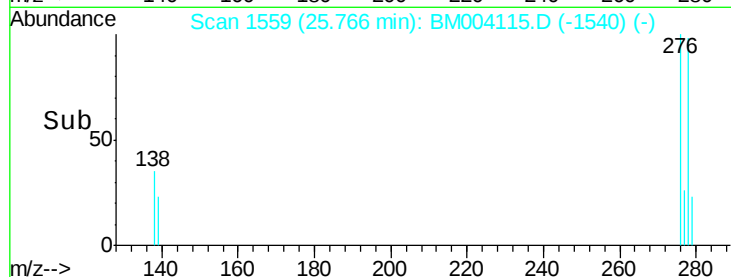


Abundance

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: 0.90 ng

RT: 26.44 min Scan# 1624

Delta R.T. -0.00 min

Lab File: BM004115.D

Acq: 22 Jan 2016 17:39

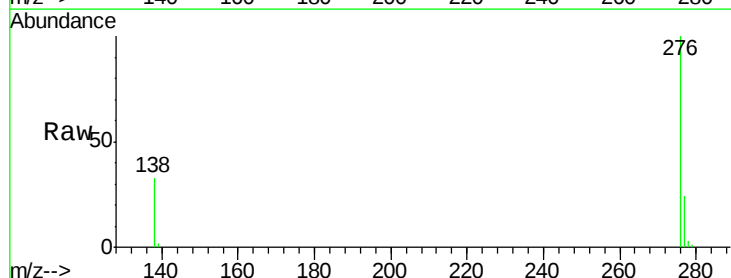
Tgt Ion: 276 Resp: 36462

Ion Ratio Lower Upper

276 100

277 23.5 19.1 28.7

138 32.7 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

