

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM040915\
 Data File : BM000933.D
 Acq On : 09 Apr 2015 21:58
 Operator : TP/IZ
 Sample : SSTDICC005
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC005

Quant Time: Apr 10 06:09:41 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM040915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 10 05:53:53 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	42034	5.00	ng	0.00
8) Naphthalene-d8	10.38	136	159932	5.00	ng	0.00
17) Acenaphthene-d10	14.26	164	88921	5.00	ng	0.01
24) Phenanthrene-d10	17.00	188	173171	5.00	ng	0.01
30) Chrysene-d12	21.21	240	148783	5.00	ng	0.00
38) Perylene-d12	23.38	264	137158	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.19	112	44728	1.98	ng	-0.02
5) Phenol-d6	6.78	99	57292	2.14	ng	0.00
9) Nitrobenzene-d5	8.76	82	43227	2.26	ng	0.00
18) 2,4,6-Tribromophenol	15.76	330	16490	1.66	ng	0.01
19) 2-Fluorobiphenyl	12.88	172	116026	1.56	ng	0.00
33) Terphenyl-d14	19.65	244	96266	2.17	ng	0.00

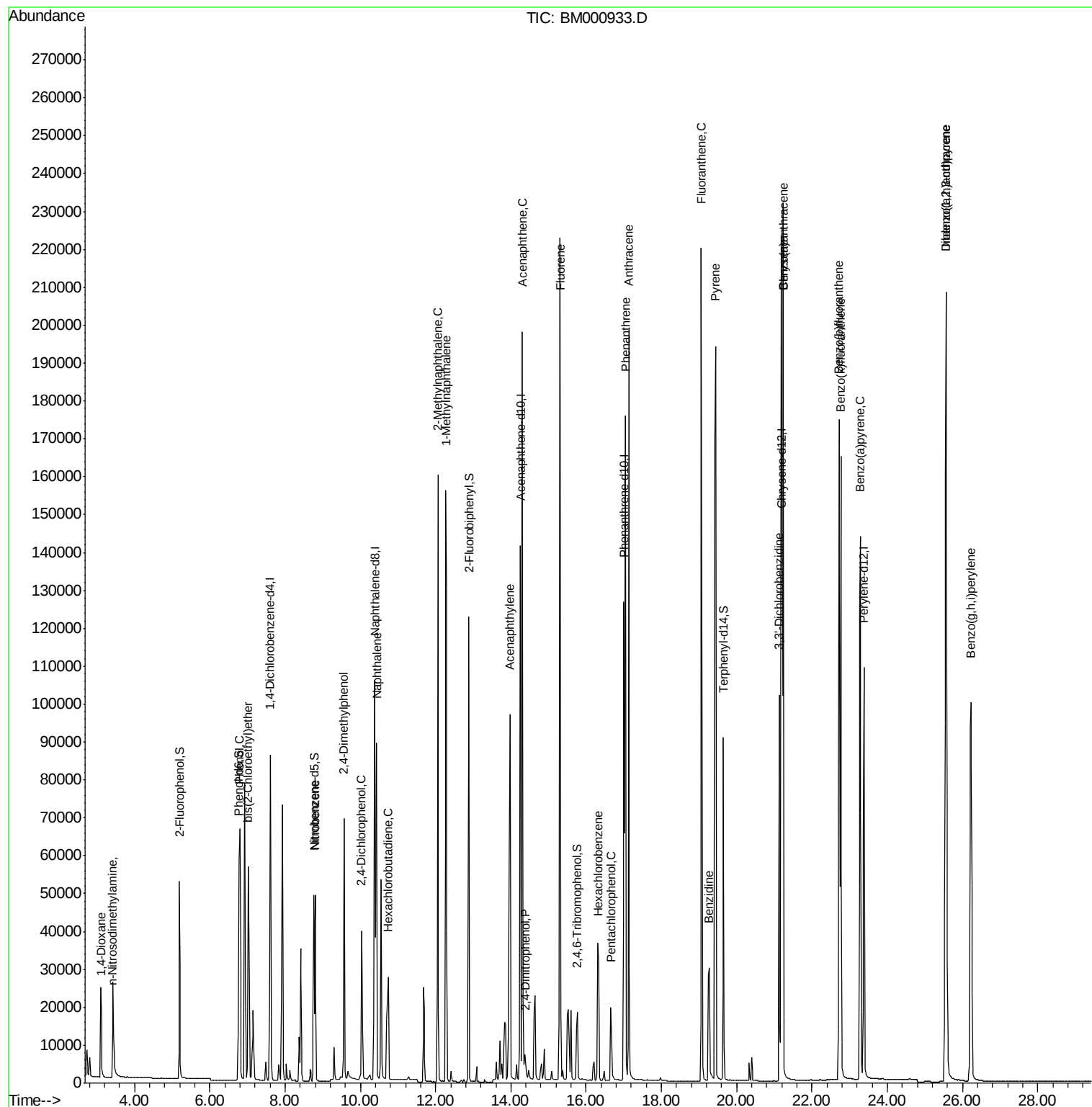
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.12	88	17159	1.85	ng	91
3) n-Nitrosodimethylamine	3.41	42	22755	1.72	ng	# 52
6) Phenol	6.80	94	58696	2.21	ng	# 43
7) bis(2-Chloroethyl)ether	7.02	93	48147	2.08	ng	# 1
10) Nitrobenzene	8.80	77	53095	2.32	ng	94
11) 2,4-Dimethylphenol	9.56	122	48111	2.28	ng	94
12) 2,4-Dichlorophenol	10.03	162	43016	2.10	ng	87
13) Naphthalene	10.44	128	161495	2.02	ng	99
14) Hexachlorobutadiene	10.74	225	29350	1.92	ng	99
15) 2-Methylnaphthalene	12.06	142	112809	2.06	ng	98
16) 1-Methylnaphthalene	12.28	142	113450	2.07	ng	86
20) Acenaphthylene	13.97	152	175425	1.45	ng	93
21) Acenaphthene	14.31	154	114302	1.68	ng	# 65
22) 2,4-Dinitrophenol	14.38	184	8253	4.54	ng	# 61
23) Fluorene	15.30	166	149137	1.96	ng	# 75
25) Hexachlorobenzene	16.33	284	45807	1.78	ng	# 65
26) Pentachlorophenol	16.66	266	18588	2.46	ng	84
27) Phenanthrene	17.05	178	221518	1.85	ng	93
28) Anthracene	17.13	178	222655	2.18	ng	93
29) Fluoranthene	19.06	202	240835	1.99	ng	88
31) Benzidine	19.27	184	60413	3.43	ng	# 95
32) Pyrene	19.44	202	253688	2.04	ng	93
34) Benzo(a)anthracene	21.24	228	215850	2.07	ng	97
35) 3,3'-Dichlorobenzidine	21.13	252	74504	2.91	ng	# 83
36) Chrysene	21.24	228	216495	1.95	ng	95
37) Indeno(1,2,3-cd)pyrene	25.56	276	236843	2.12	ng	99
39) Benzo(b)fluoranthene	22.72	252	213884	2.10	ng	99
40) Benzo(k)fluoranthene	22.76	252	217972	2.09	ng	99
41) Benzo(a)pyrene	23.28	252	197030	2.13	ng	98
42) Dibenzo(a,h)anthracene	25.57	278	183800	2.12	ng	99
43) Benzo(g,h,i)perylene	26.22	276	195571	2.03	ng	98

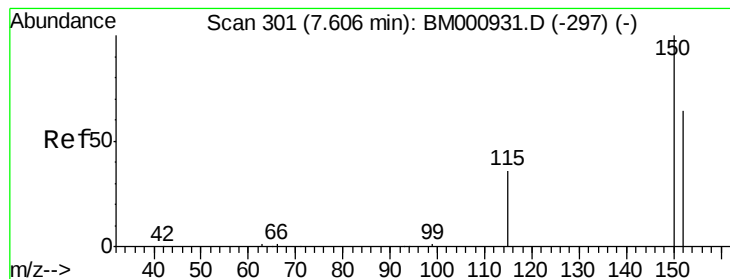
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.61 min Scan# 301

Delta R.T. 0.00 min

Lab File: BM000933.D

Acq: 09 Apr 2015 21:58

Instrument :

BNA_M

ClientSampleId :

SSTDIC005

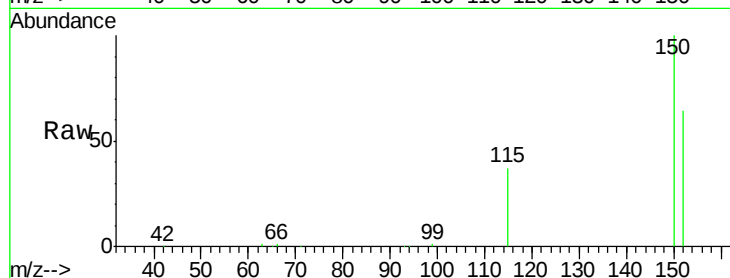
Tgt Ion:152 Resp: 42034

Ion Ratio Lower Upper

152 100

150 156.4 125.4 188.2

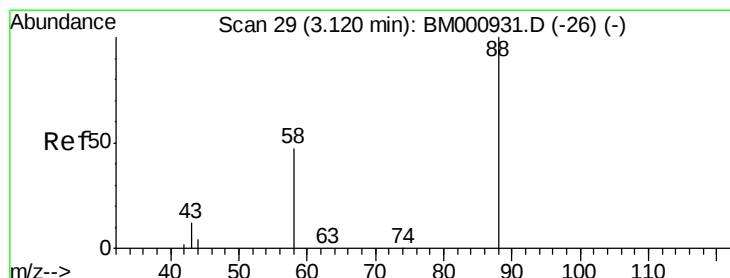
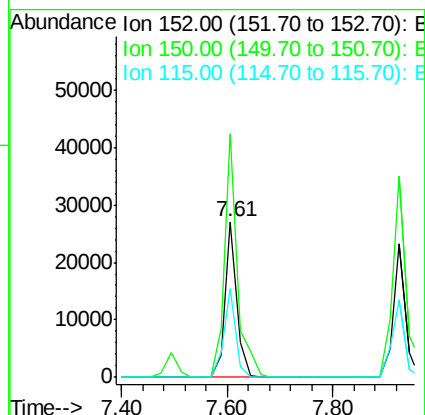
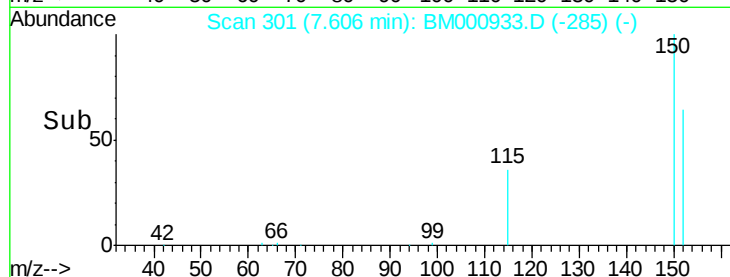
115 57.2 45.9 68.9



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: 1.85 ng

RT: 3.12 min Scan# 29

Delta R.T. 0.00 min

Lab File: BM000933.D

Acq: 09 Apr 2015 21:58

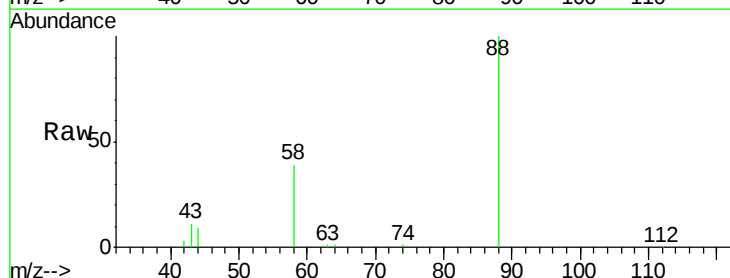
Tgt Ion: 88 Resp: 17159

Ion Ratio Lower Upper

88 100

58 88.8 63.0 94.6

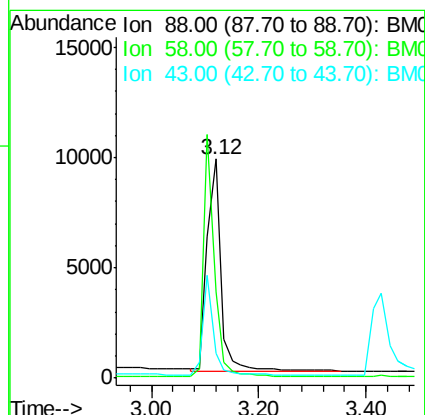
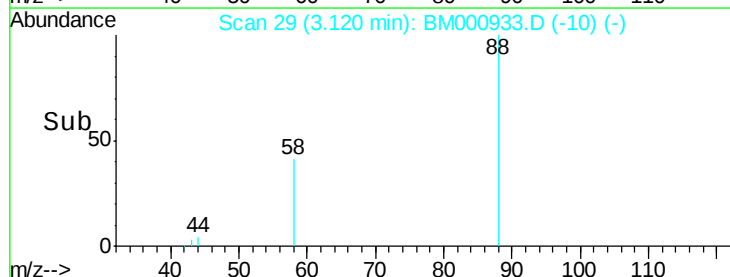
43 35.2 27.0 40.4

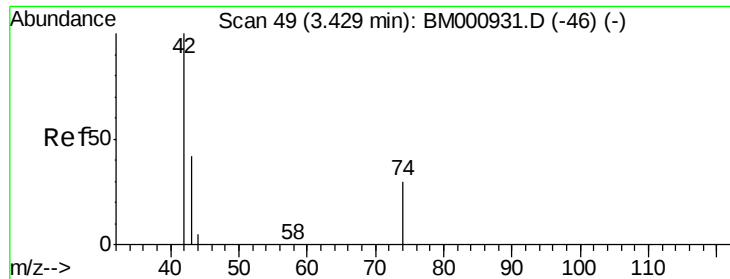


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 1.72 ng

RT: 3.41 min Scan# 48

Delta R.T. -0.02 min

Lab File: BM000933.D

Acq: 09 Apr 2015 21:58

Instrument :

BNA_M

ClientSampleId :

SSTDIC005

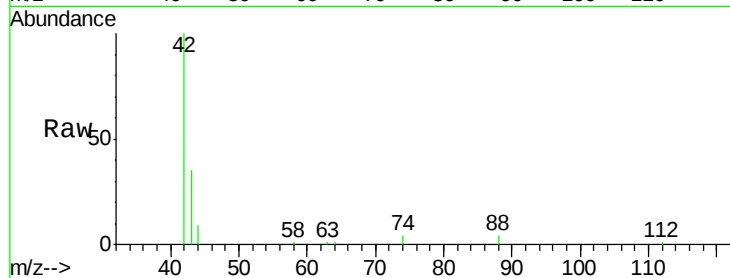
Tgt Ion: 42 Resp: 22755

Ion Ratio Lower Upper

42 100

74 4.1 26.0 39.0#

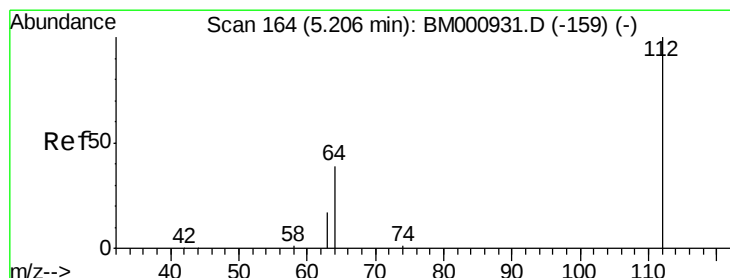
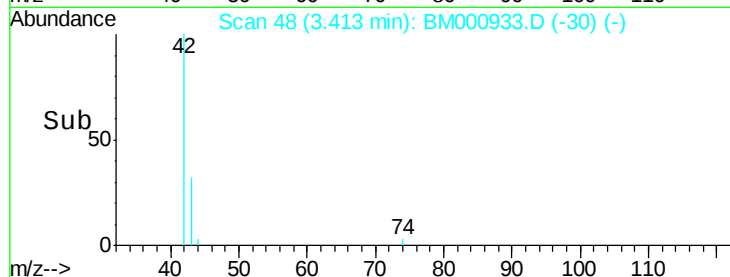
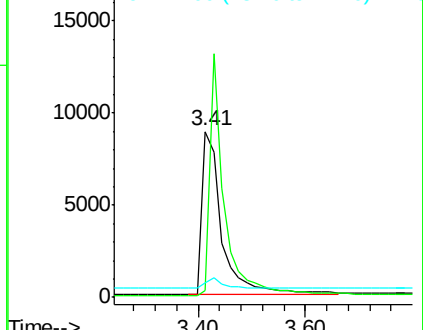
44 8.9 29.0 43.4#



Abundance Ion 42.00 (41.70 to 42.70): BM000931.D (-46) (-)

Ion 74.00 (73.70 to 74.70): BM000931.D (-46) (-)

Ion 44.00 (43.70 to 44.70): BM000931.D (-46) (-)



#4

2-Fluorophenol

Concen: 1.98 ng

RT: 5.19 min Scan# 163

Delta R.T. -0.02 min

Lab File: BM000933.D

Acq: 09 Apr 2015 21:58

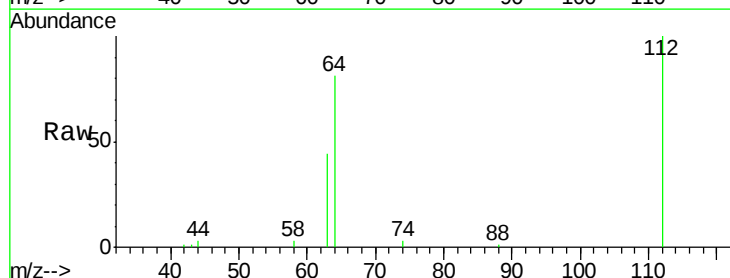
Tgt Ion: 112 Resp: 44728

Ion Ratio Lower Upper

112 100

64 81.5 31.8 47.8#

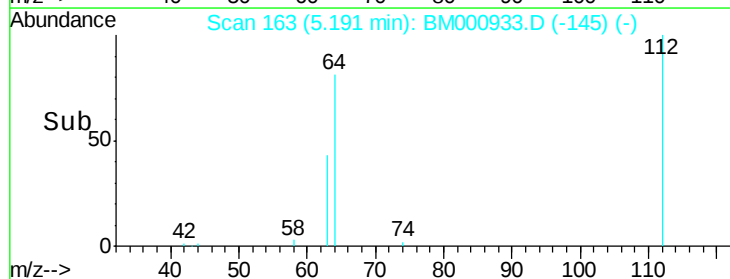
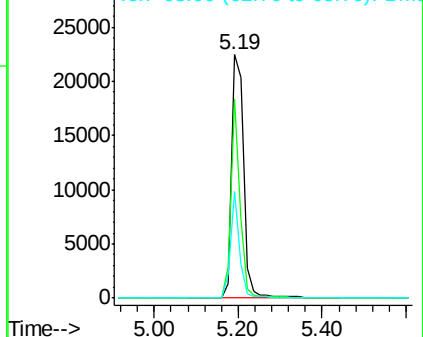
63 43.6 14.5 21.7#

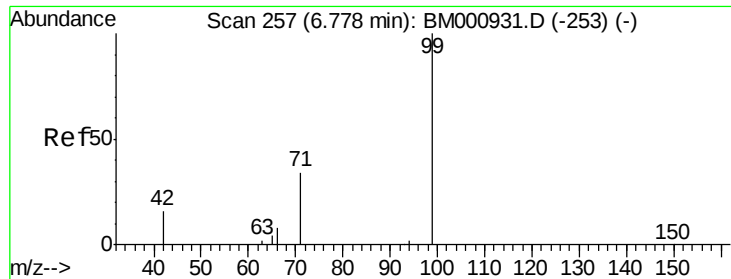


Abundance Ion 112.00 (111.70 to 112.70): BM000931.D (-159) (-)

Ion 64.00 (63.70 to 64.70): BM000931.D (-159) (-)

Ion 63.00 (62.70 to 63.70): BM000931.D (-159) (-)





#5

Phenol-d6

Concen: 2.14 ng

RT: 6.78 min Scan# 257

Delta R.T. 0.00 min

Lab File: BM000933.D

Acq: 09 Apr 2015 21:58

Instrument :

BNA_M

ClientSampleId :

SSTDIC005

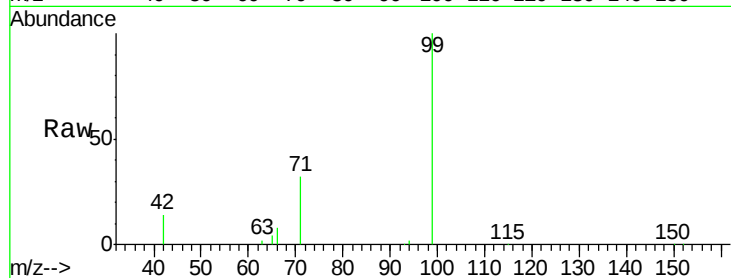
Tgt Ion: 99 Resp: 57292

Ion Ratio Lower Upper

99 100

42 13.6 14.1 21.1#

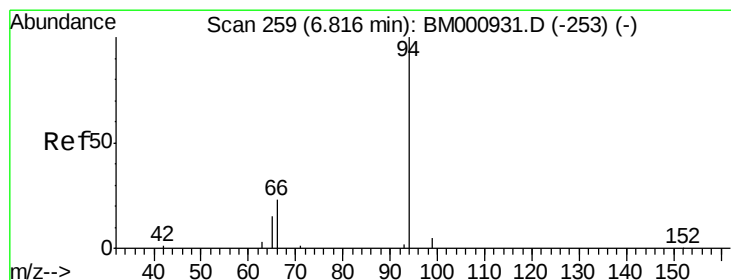
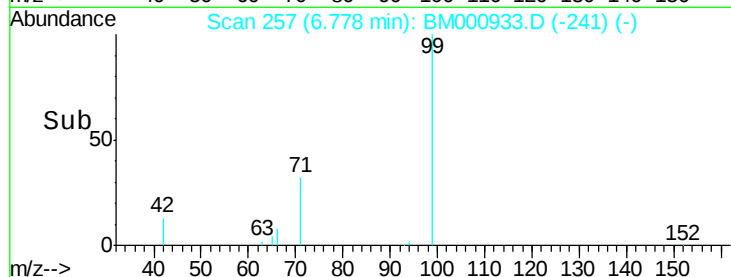
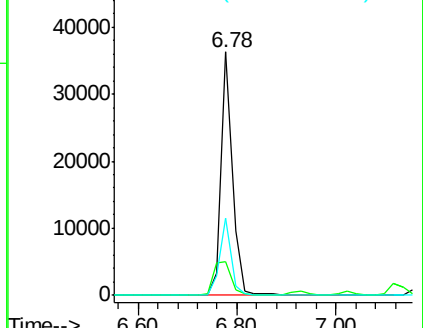
71 31.6 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM000933.D (-253) (-)

Ion 42.00 (41.70 to 42.70): BM000933.D (-253) (-)

Ion 71.00 (70.70 to 71.70): BM000933.D (-253) (-)



#6

Phenol

Concen: 2.21 ng

RT: 6.80 min Scan# 258

Delta R.T. -0.02 min

Lab File: BM000933.D

Acq: 09 Apr 2015 21:58

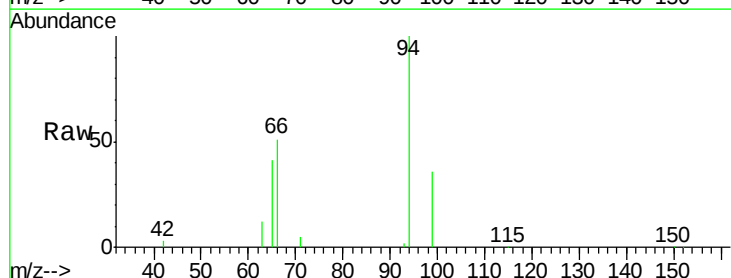
Tgt Ion: 94 Resp: 58696

Ion Ratio Lower Upper

94 100

65 41.0 0.0 36.0#

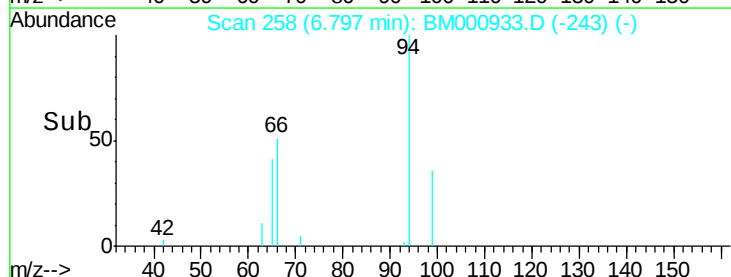
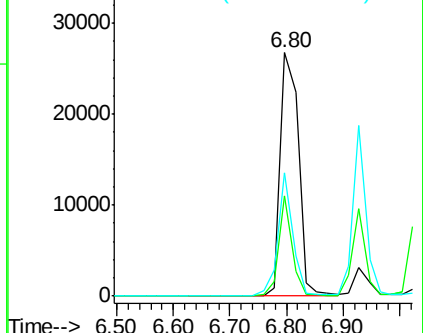
66 50.7 3.7 43.7#

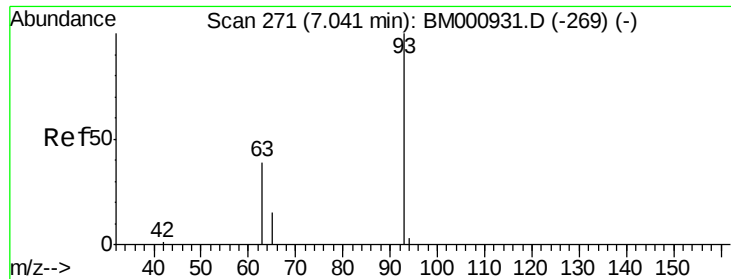


Abundance Ion 94.00 (93.70 to 94.70): BM000933.D (-253) (-)

Ion 65.00 (64.70 to 65.70): BM000933.D (-253) (-)

Ion 66.00 (65.70 to 66.70): BM000933.D (-253) (-)





#7

bis(2-Chloroethyl)ether

Concen: 2.08 ng

RT: 7.02 min Scan# 270

Delta R.T. -0.02 min

Lab File: BM000933.D

Acq: 09 Apr 2015 21:58

Instrument :

BNA_M

ClientSampleId :

SSTDICC005

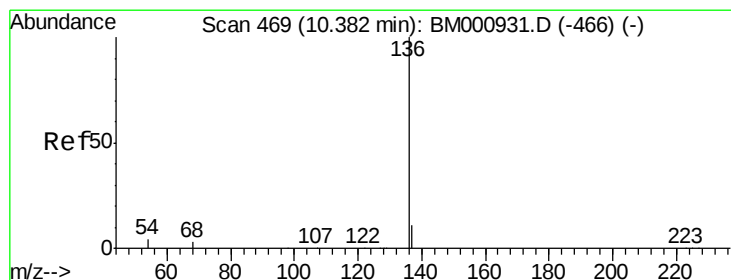
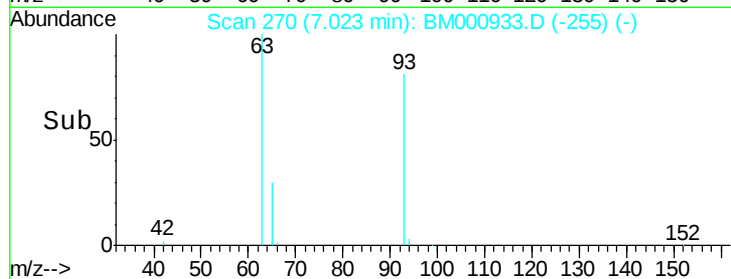
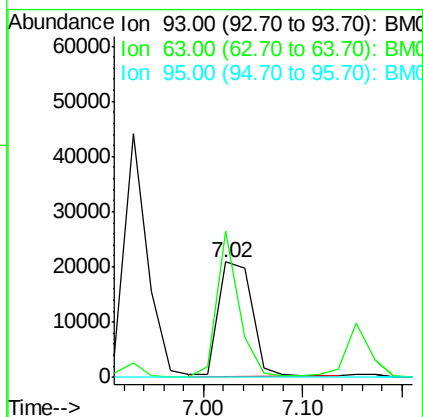
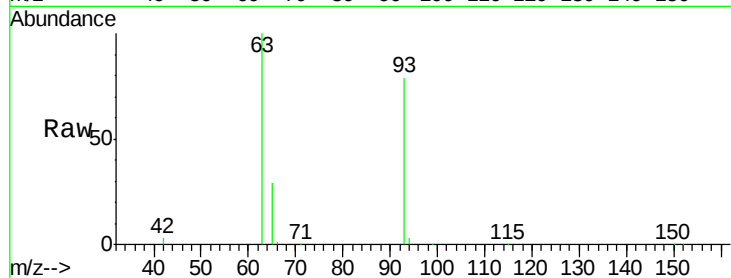
Tgt Ion: 93 Resp: 48147

Ion Ratio Lower Upper

93 100

63 126.5 24.0 64.0#

95 0.0 0.0 20.0



#8

Naphthalene-d8

Concen: 5.00 ng

RT: 10.38 min Scan# 469

Delta R.T. 0.00 min

Lab File: BM000933.D

Acq: 09 Apr 2015 21:58

Tgt Ion: 136 Resp: 159932

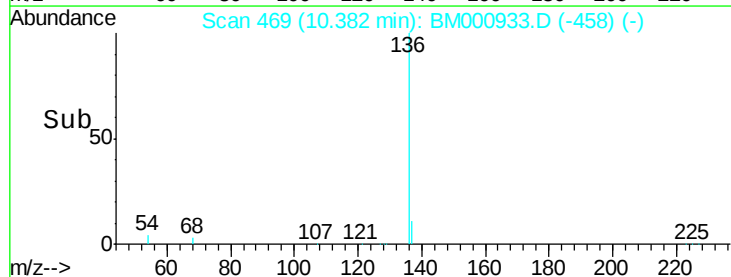
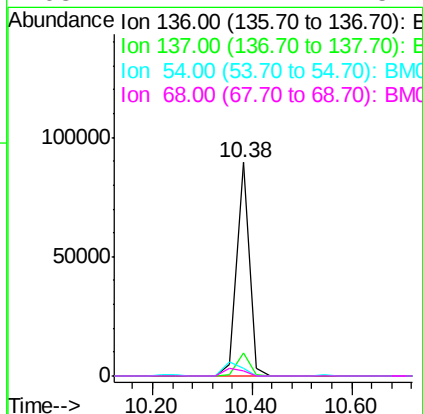
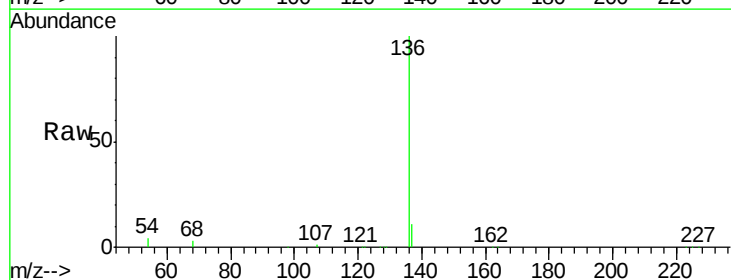
Ion Ratio Lower Upper

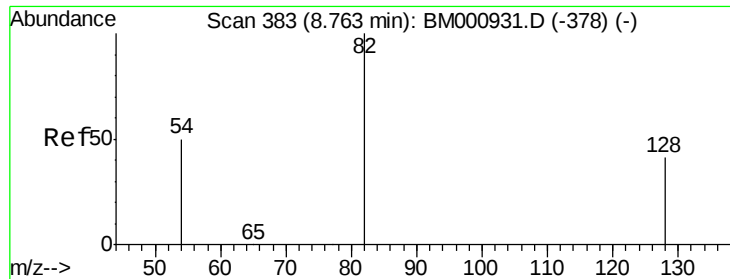
136 100

137 10.9 8.6 13.0

54 3.6 2.9 4.3

68 2.7 2.2 3.2





#9

Nitrobenzene-d5

Concen: 2.26 ng

RT: 8.76 min Scan# 383

Delta R.T. -0.00 min

Lab File: BM000933.D

Acq: 09 Apr 2015 21:58

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BNA_M

ClientSampleId :

SSTDIC005

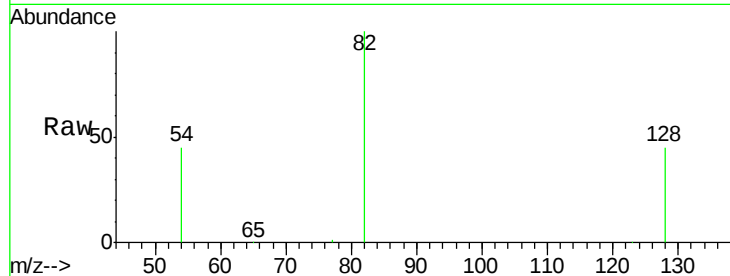
Tgt Ion: 82 Resp: 43227

Ion Ratio Lower Upper

82 100

128 44.6 33.4 50.0

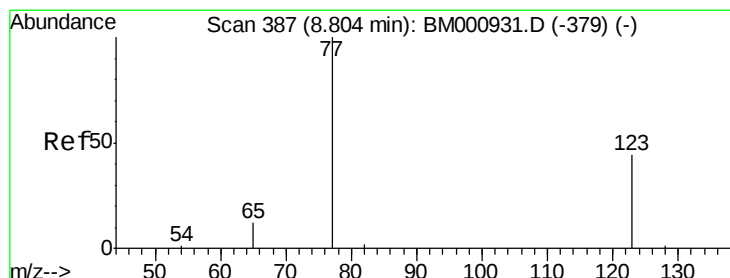
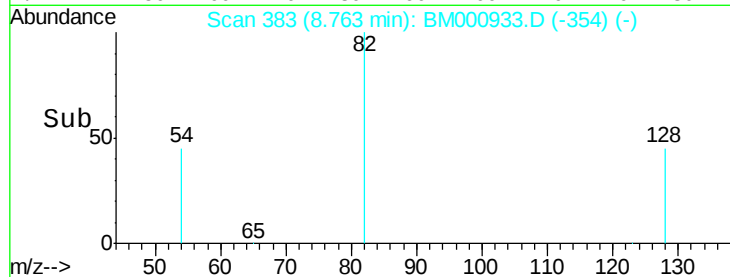
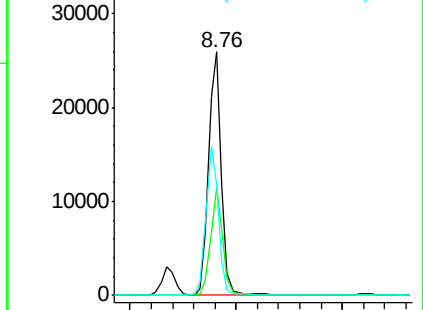
54 45.3 40.5 60.7



Abundance Ion 82.00 (81.70 to 82.70): BM000933.D (-378) (-)

Ion 128.00 (127.70 to 128.70): BM000933.D (-378) (-)

Ion 54.00 (53.70 to 54.70): BM000933.D (-378) (-)



#10

Nitrobenzene

Concen: 2.32 ng

RT: 8.80 min Scan# 387

Delta R.T. 0.00 min

Lab File: BM000933.D

Acq: 09 Apr 2015 21:58

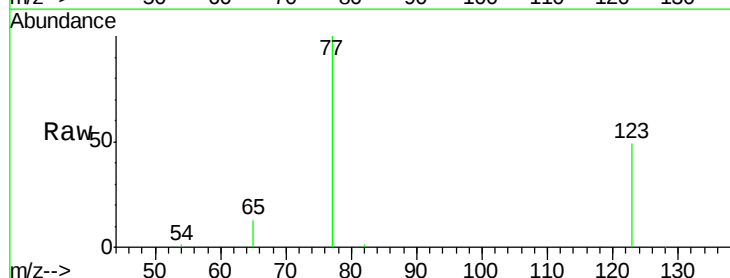
Tgt Ion: 77 Resp: 53095

Ion Ratio Lower Upper

77 100

123 48.8 35.0 52.6

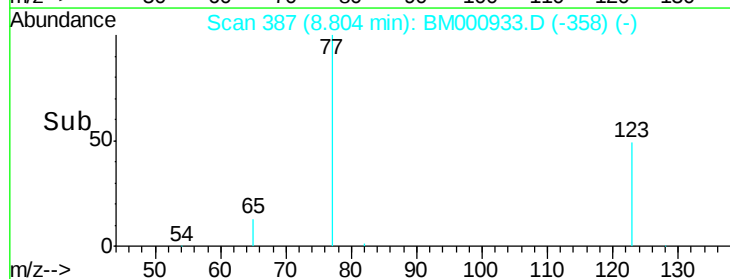
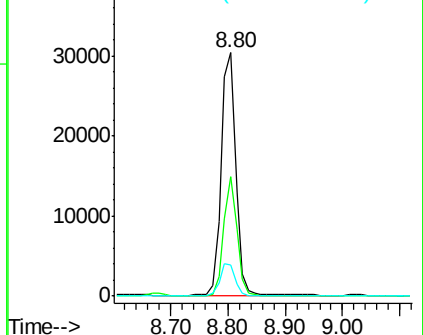
65 12.7 10.7 16.1

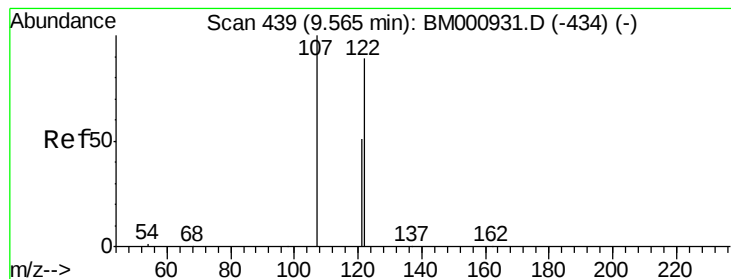


Abundance Ion 77.00 (76.70 to 77.70): BM000933.D (-379) (-)

Ion 123.00 (122.70 to 123.70): BM000933.D (-379) (-)

Ion 65.00 (64.70 to 65.70): BM000933.D (-379) (-)





#11

2,4-Dimethylphenol

Concen: 2.28 ng

RT: 9.56 min Scan# 439

Delta R.T. 0.00 min

Lab File: BM000933.D

Acq: 09 Apr 2015 21:58

Instrument :

BNA_M

ClientSampleId :

SSTDIC005

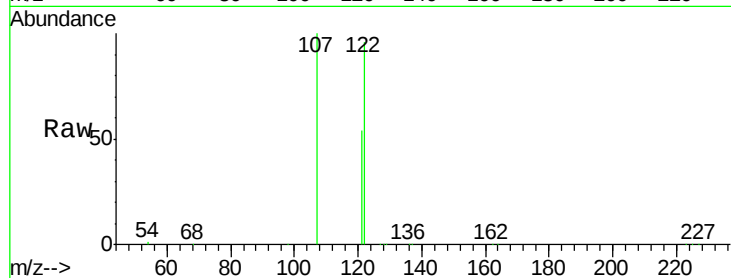
Tgt Ion:122 Resp: 48111

Ion Ratio Lower Upper

122 100

107 104.1 89.8 134.6

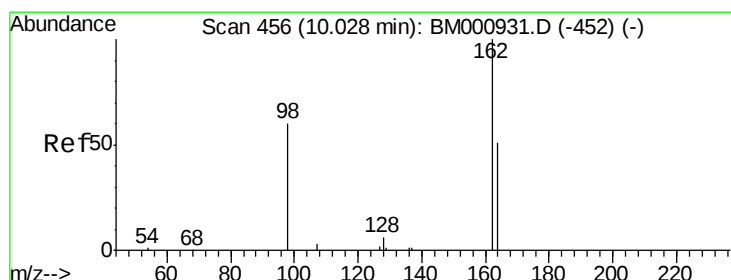
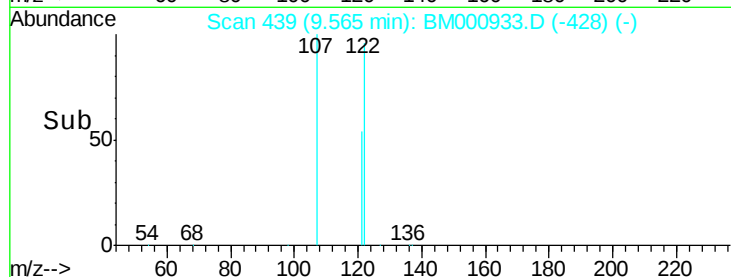
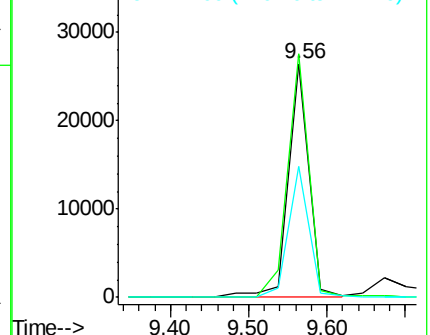
121 55.8 46.6 70.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#12

2,4-Dichlorophenol

Concen: 2.10 ng

RT: 10.03 min Scan# 456

Delta R.T. 0.00 min

Lab File: BM000933.D

Acq: 09 Apr 2015 21:58

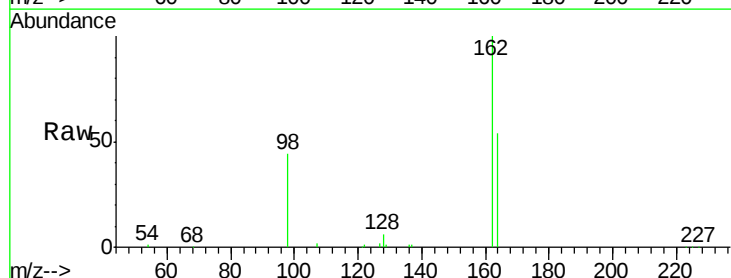
Tgt Ion:162 Resp: 43016

Ion Ratio Lower Upper

162 100

164 54.1 32.5 72.5

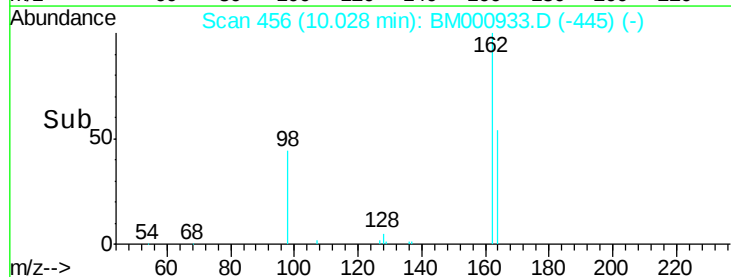
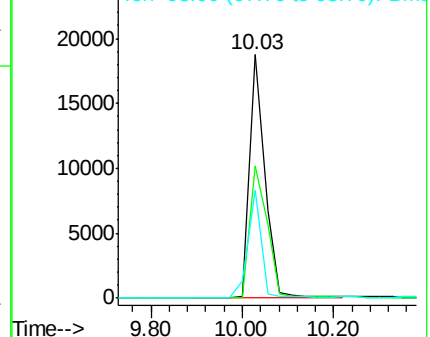
98 44.1 40.5 80.5

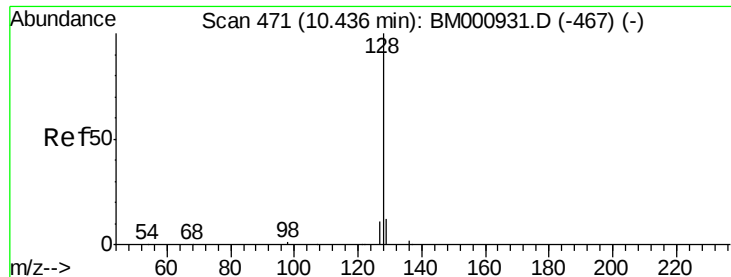


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM

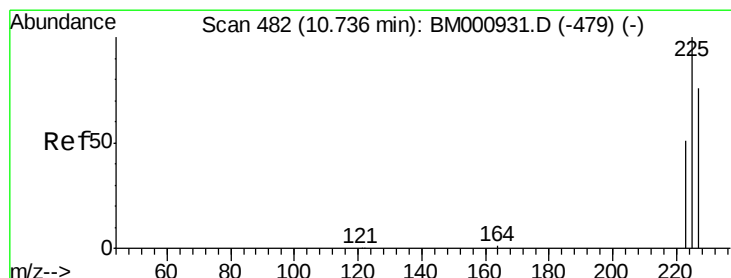
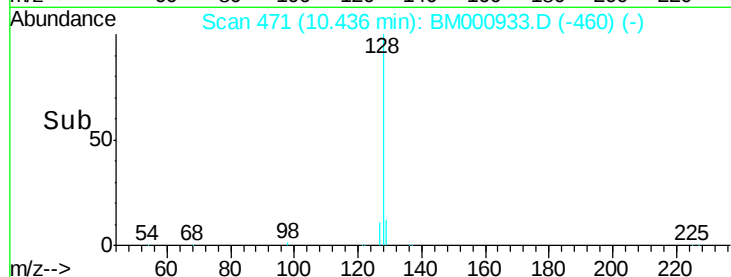
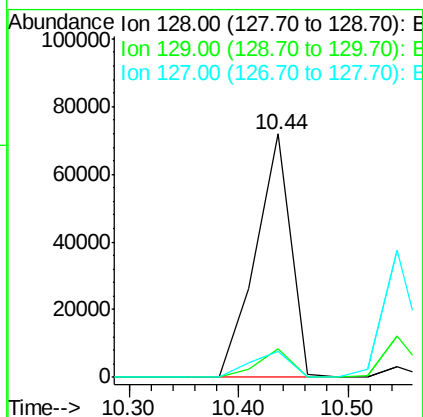
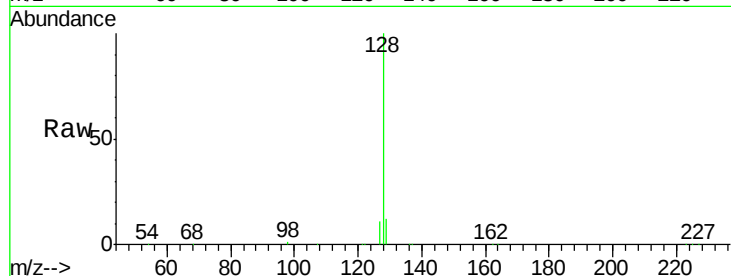




#13
Naphthalene
Concen: 2.02 ng
RT: 10.44 min Scan# 471
Delta R.T. 0.00 min
Lab File: BM000933.D
Acq: 09 Apr 2015 21:58

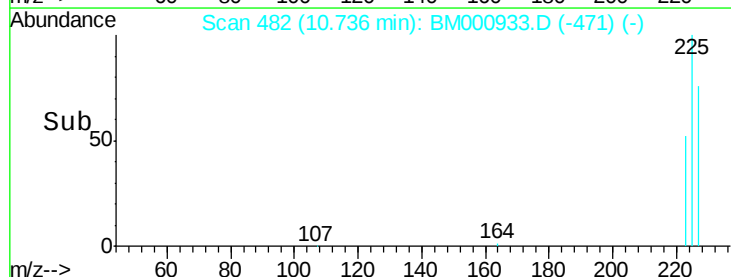
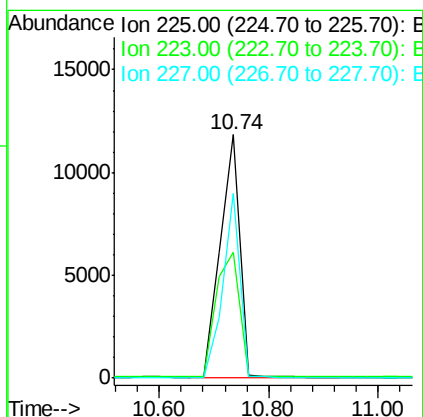
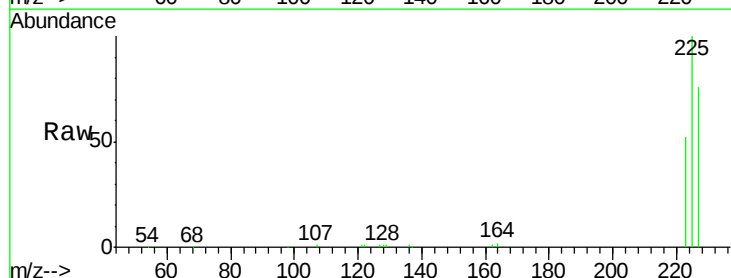
Instrument :
BNA_M
ClientSampleId :
SSTDIC005

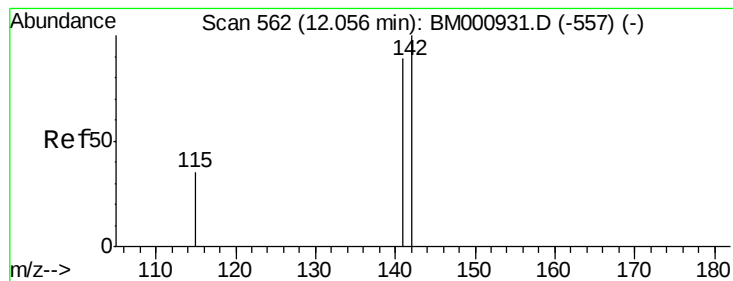
Tgt Ion:128 Resp: 161495
Ion Ratio Lower Upper
128 100
129 11.9 9.8 14.6
127 10.8 9.1 13.7



#14
Hexachlorobutadiene
Concen: 1.92 ng
RT: 10.74 min Scan# 482
Delta R.T. 0.00 min
Lab File: BM000933.D
Acq: 09 Apr 2015 21:58

Tgt Ion:225 Resp: 29350
Ion Ratio Lower Upper
225 100
223 51.8 42.2 63.2
227 75.8 61.4 92.2





#15

2-Methylnaphthalene

Concen: 2.06 ng

RT: 12.06 min Scan# 562

Delta R.T. 0.00 min

Lab File: BM000933.D

Acq: 09 Apr 2015 21:58

Instrument :

BNA_M

ClientSampleId :

SSTDICC005

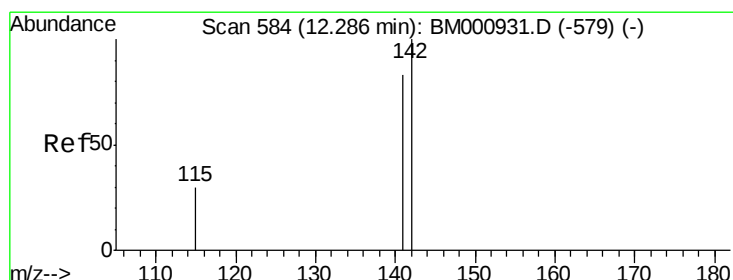
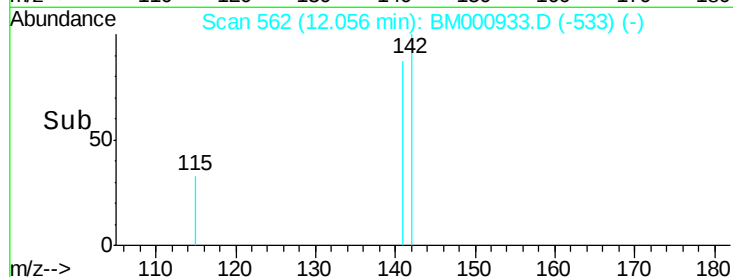
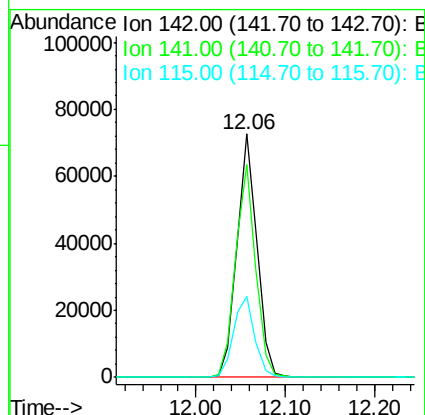
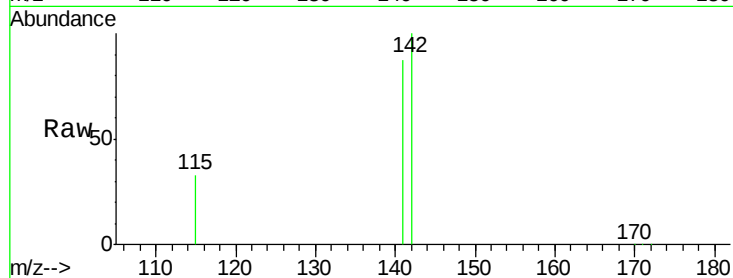
Tgt Ion:142 Resp: 112809

Ion Ratio Lower Upper

142 100

141 87.2 71.2 106.8

115 33.5 28.3 42.5



#16

1-Methylnaphthalene

Concen: 2.07 ng

RT: 12.28 min Scan# 583

Delta R.T. -0.01 min

Lab File: BM000933.D

Acq: 09 Apr 2015 21:58

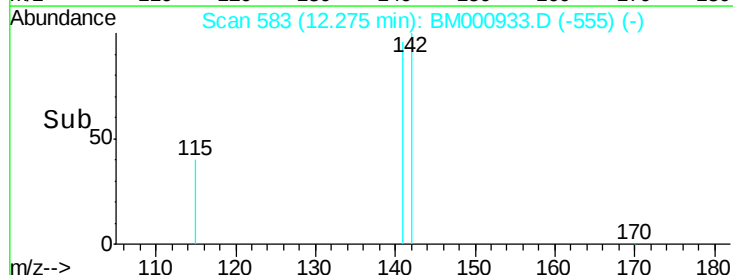
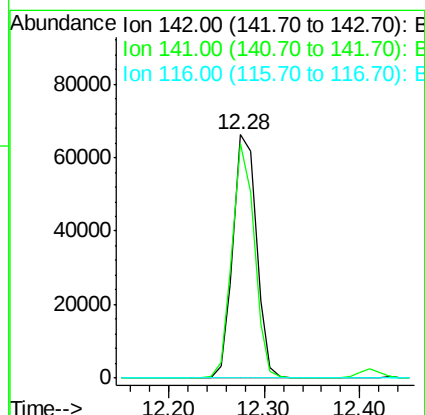
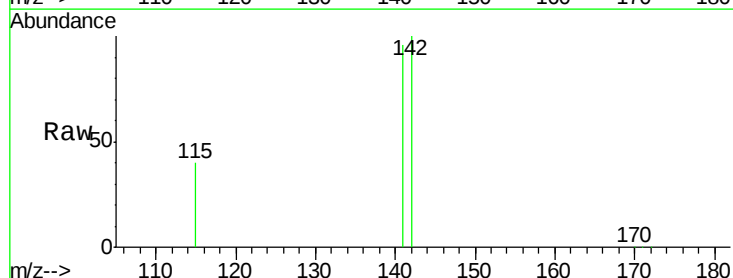
Tgt Ion:142 Resp: 113450

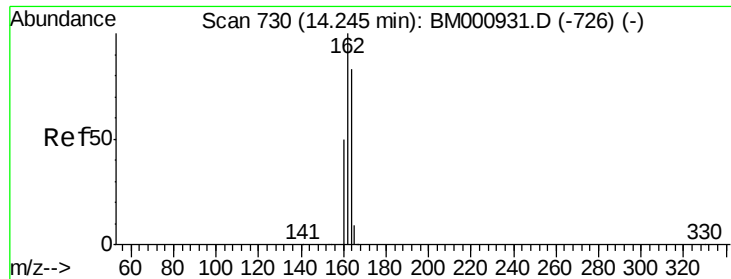
Ion Ratio Lower Upper

142 100

141 96.3 66.7 100.1

116 0.0 0.0 0.0

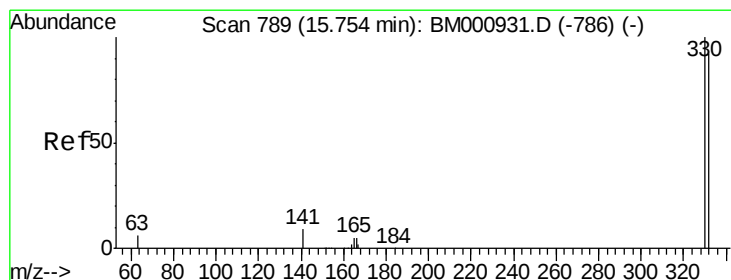
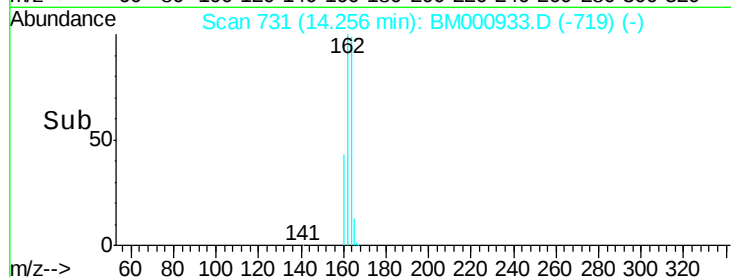
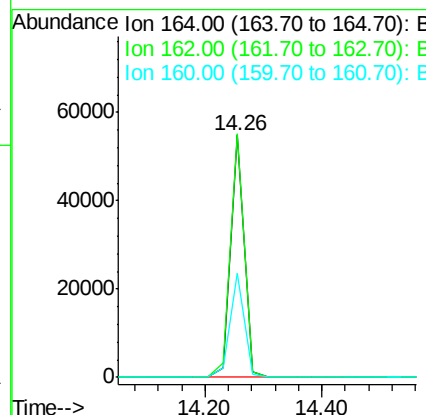
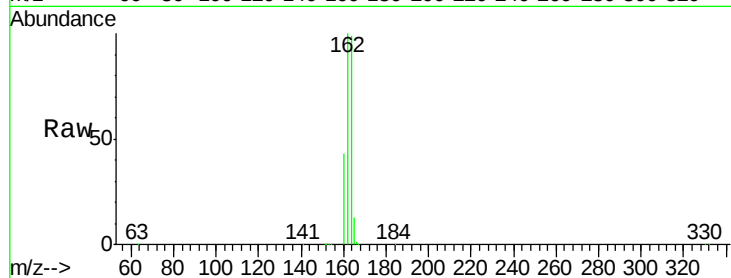




#17
 Acenaphthene-d10
 Concen: 5.00 ng
 RT: 14.26 min Scan# 731
 Delta R.T. 0.01 min
 Lab File: BM000933.D
 Acq: 09 Apr 2015 21:58

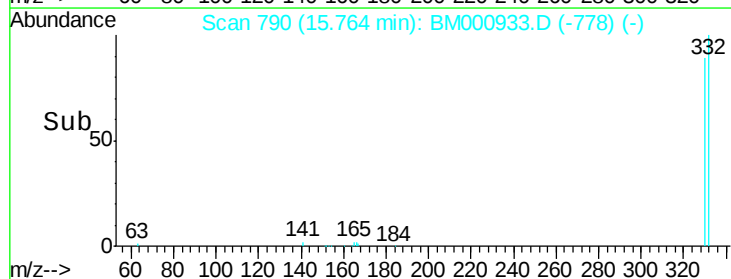
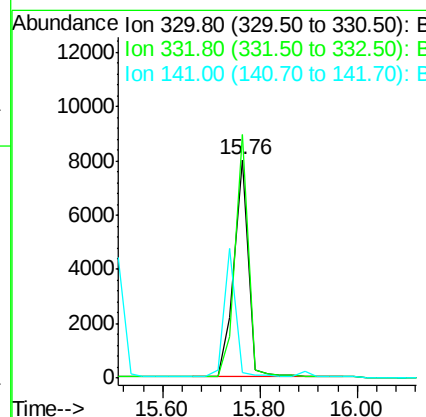
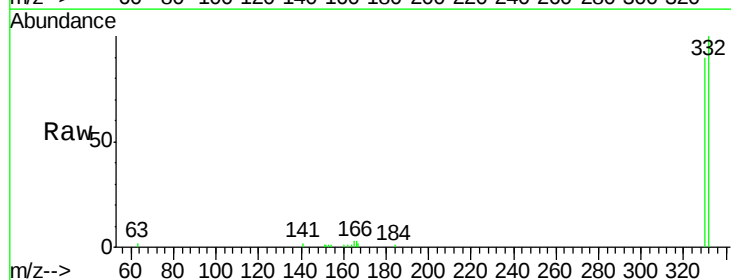
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC005

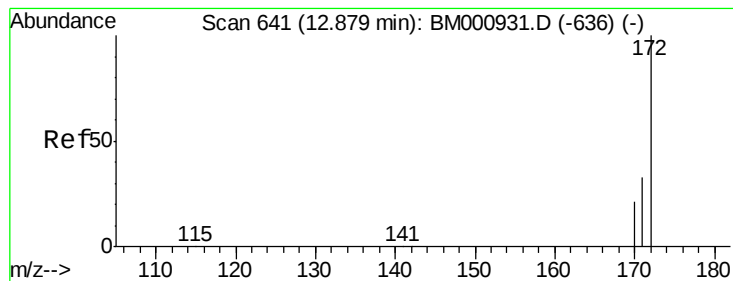
Tgt Ion:164 Resp: 88921
 Ion Ratio Lower Upper
 164 100
 162 100.6 96.1 144.1
 160 43.0 48.2 72.2#



#18
 2,4,6-Tribromophenol
 Concen: 1.66 ng
 RT: 15.76 min Scan# 790
 Delta R.T. 0.01 min
 Lab File: BM000933.D
 Acq: 09 Apr 2015 21:58

Tgt Ion:330 Resp: 16490
 Ion Ratio Lower Upper
 330 100
 332 102.1 75.4 113.2
 141 0.0 0.0 0.0





#19

2-Fluorobiphenyl

Concen: 1.56 ng

RT: 12.88 min Scan# 641

Delta R.T. 0.00 min

Lab File: BM000933.D

Acq: 09 Apr 2015 21:58

Instrument :

BNA_M

ClientSampleId :

SSTDIC005

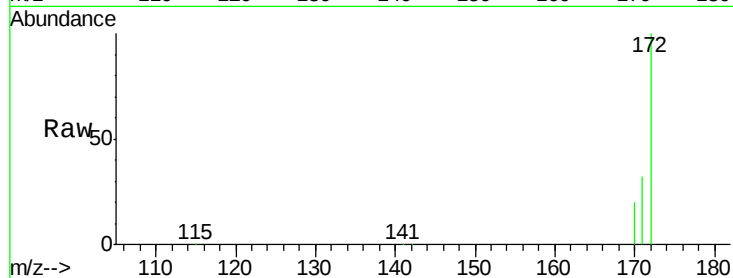
Tgt Ion:172 Resp: 116026

Ion Ratio Lower Upper

172 100

171 32.3 26.7 40.1

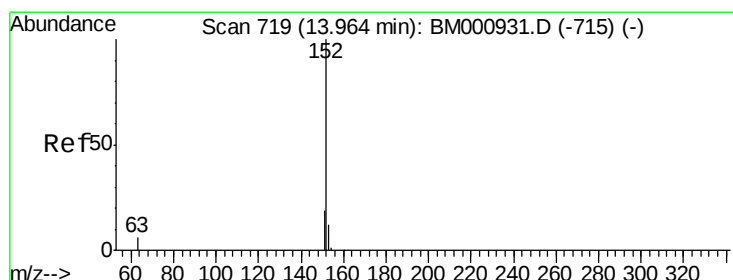
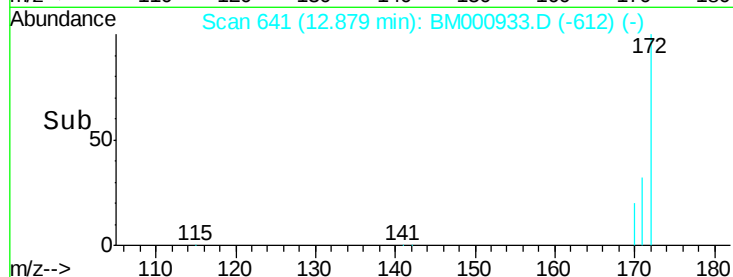
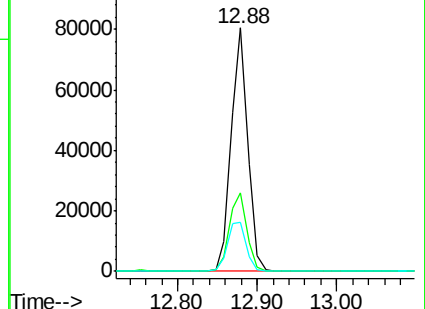
170 20.1 17.0 25.4



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#20

Acenaphthylene

Concen: 1.45 ng

RT: 13.97 min Scan# 720

Delta R.T. 0.01 min

Lab File: BM000933.D

Acq: 09 Apr 2015 21:58

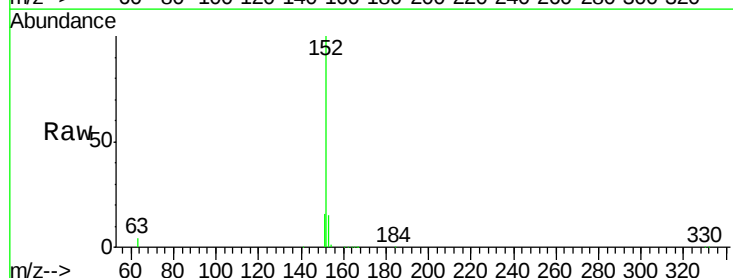
Tgt Ion:152 Resp: 175425

Ion Ratio Lower Upper

152 100

151 15.9 15.4 23.0

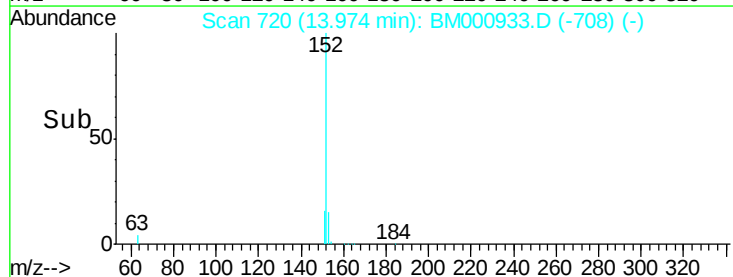
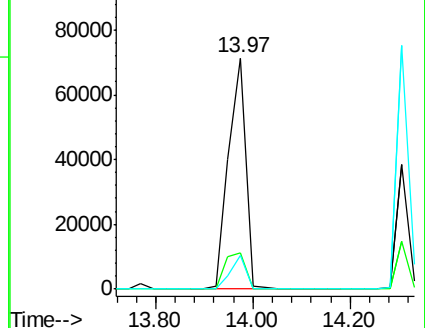
153 14.8 10.2 15.2

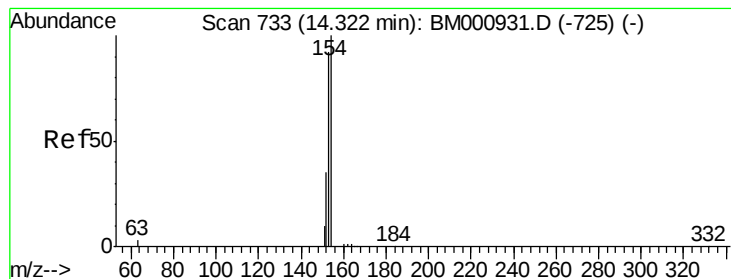


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#21

Acenaphthene

Concen: 1.68 ng

RT: 14.31 min Scan# 733

Delta R.T. -0.02 min

Lab File: BM000933.D

Acq: 09 Apr 2015 21:58

Instrument :

BNA_M

ClientSampleId :

SSTDIC005

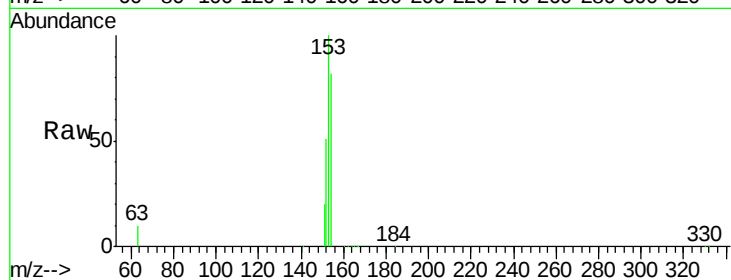
Tgt Ion:154 Resp: 114302

Ion Ratio Lower Upper

154 100

153 122.3 73.7 110.5#

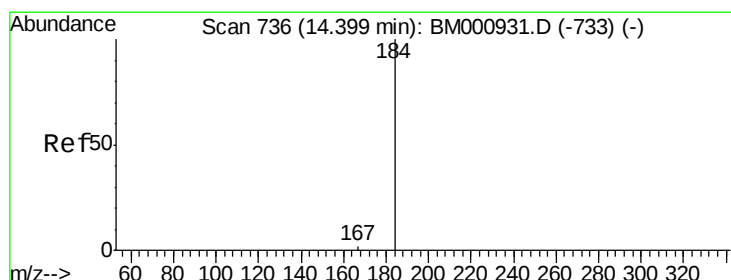
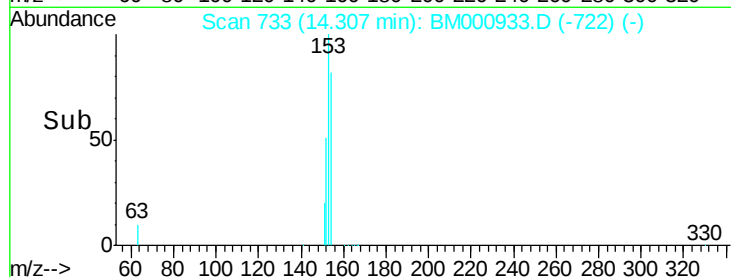
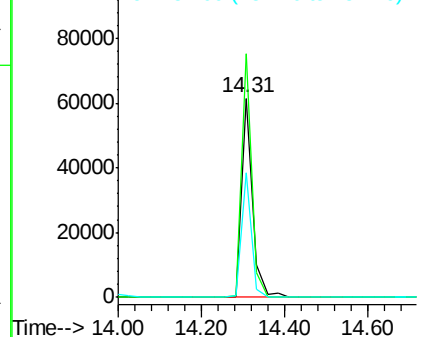
152 62.4 29.0 43.6#



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



#22

2,4-Dinitrophenol

Concen: 4.54 ng

RT: 14.38 min Scan# 736

Delta R.T. -0.02 min

Lab File: BM000933.D

Acq: 09 Apr 2015 21:58

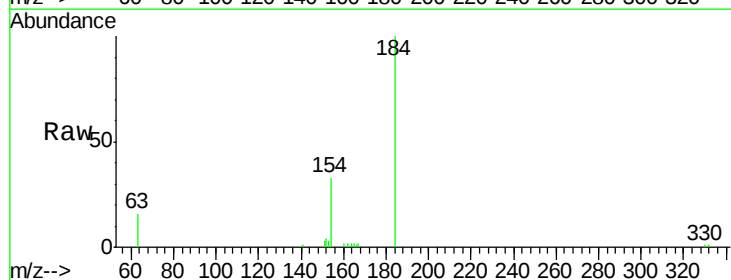
Tgt Ion:184 Resp: 8253

Ion Ratio Lower Upper

184 100

63 16.4 39.0 58.4#

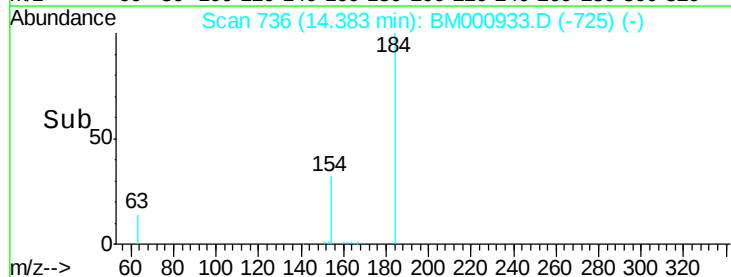
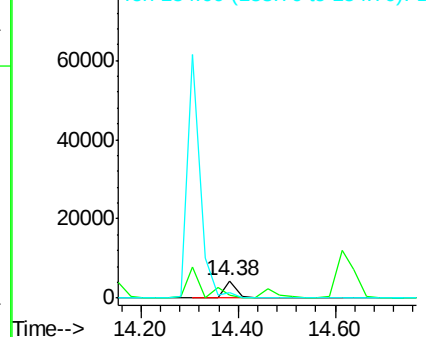
154 32.5 43.8 65.8#

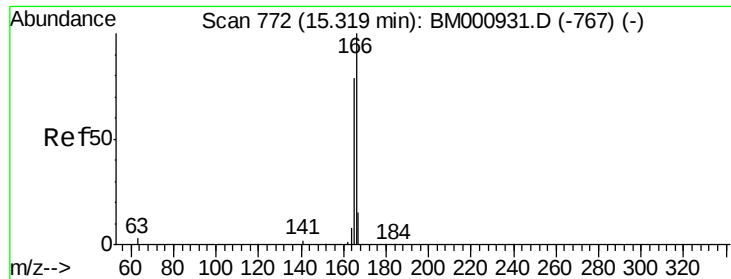


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E





#23

Fluorene

Concen: 1.96 ng

RT: 15.30 min Scan# 772

Delta R.T. -0.02 min

Lab File: BM000933.D

Acq: 09 Apr 2015 21:58

Instrument :

BNA_M

ClientSampleId :

SSTDIC005

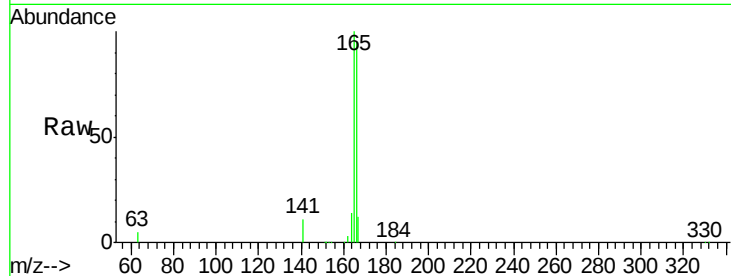
Tgt Ion:166 Resp: 149137

Ion Ratio Lower Upper

166 100

165 104.9 63.7 95.5#

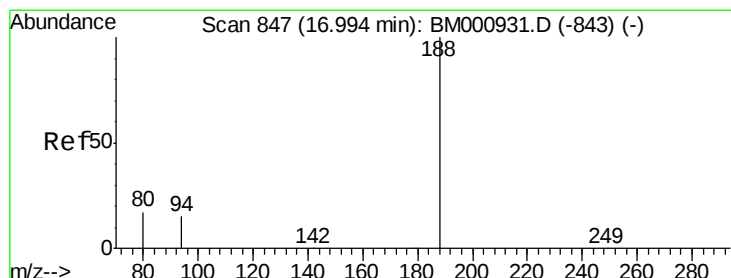
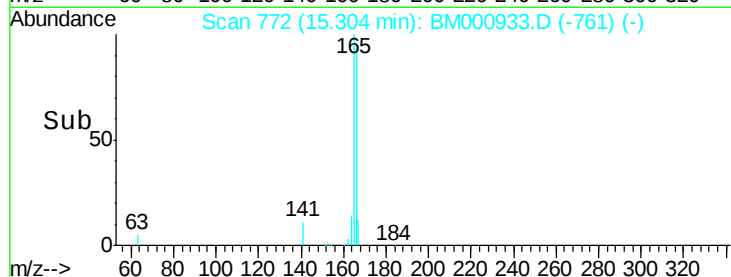
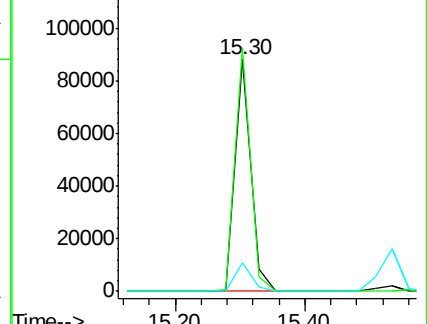
167 12.2 12.7 19.1#



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



#24

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.00 min Scan# 848

Delta R.T. 0.01 min

Lab File: BM000933.D

Acq: 09 Apr 2015 21:58

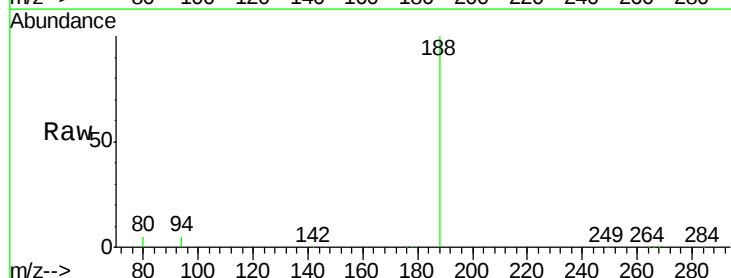
Tgt Ion:188 Resp: 173171

Ion Ratio Lower Upper

188 100

94 5.1 12.2 18.4#

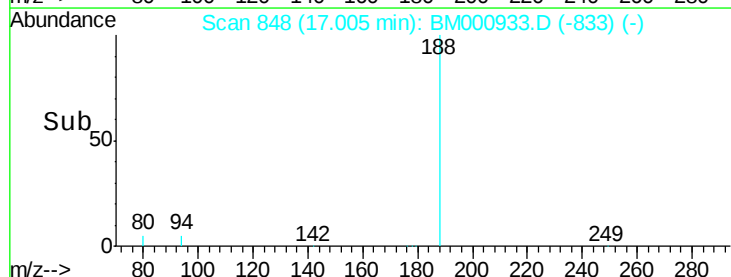
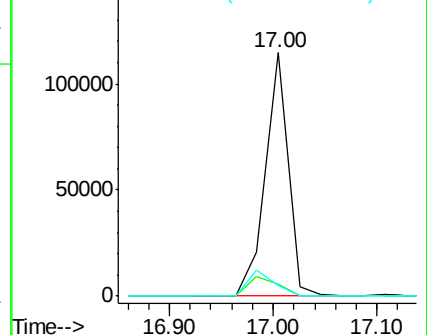
80 4.6 13.4 20.0#

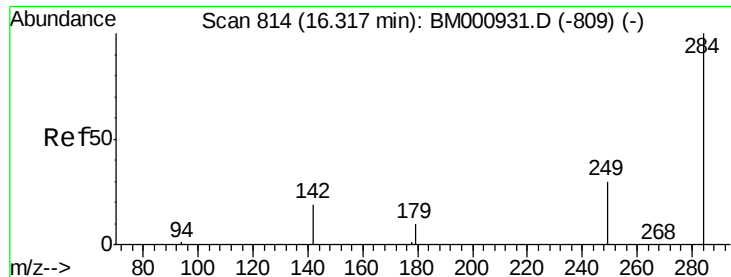


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM

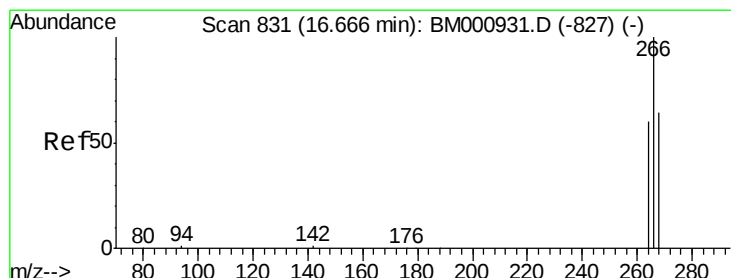
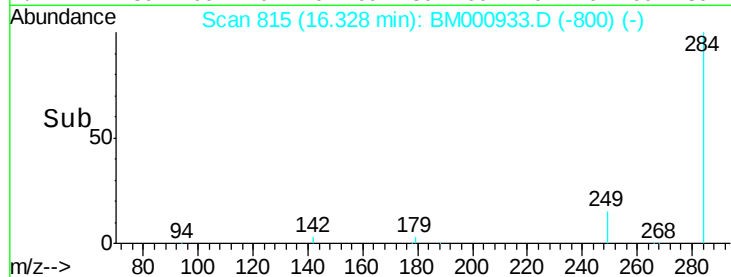
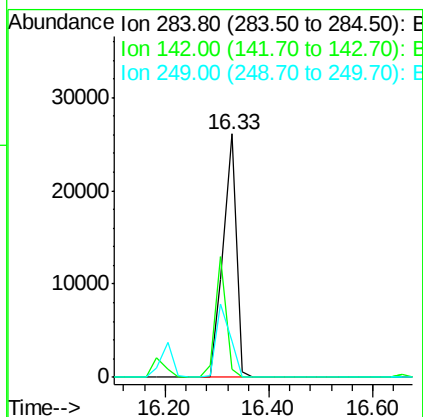
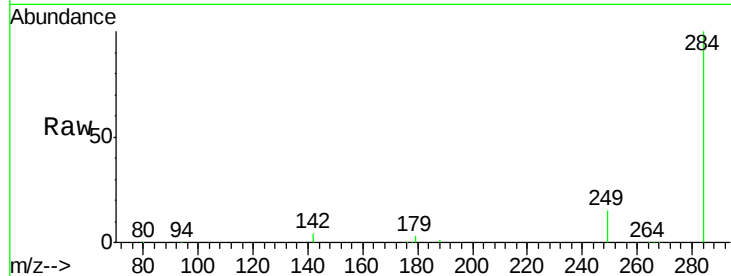




#25
Hexachlorobenzene
Concen: 1.78 ng
RT: 16.33 min Scan# 815
Delta R.T. 0.01 min
Lab File: BM000933.D
Acq: 09 Apr 2015 21:58

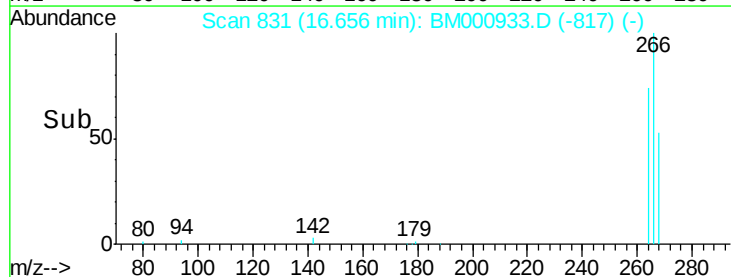
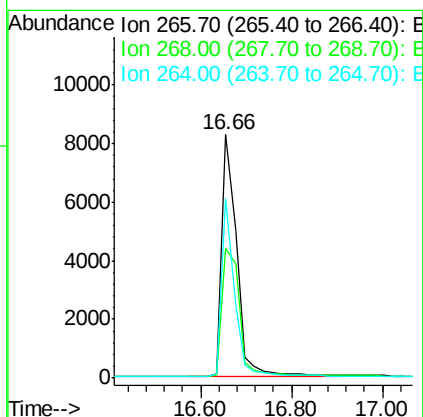
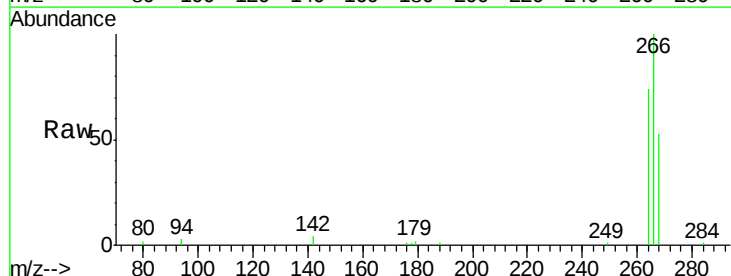
Instrument :
BNA_M
ClientSampleId :
SSTDIC005

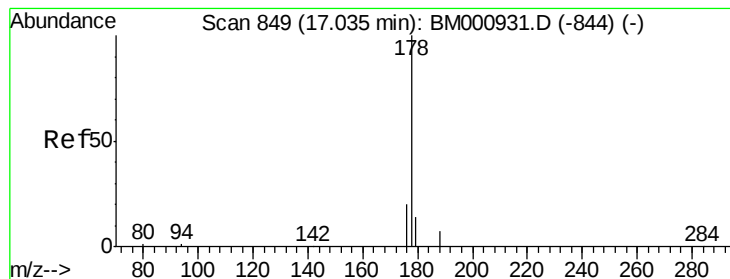
Tgt Ion: 284 Resp: 45807
Ion Ratio Lower Upper
284 100
142 3.5 16.2 24.2#
249 14.8 27.4 41.2#



#26
Pentachlorophenol
Concen: 2.46 ng
RT: 16.66 min Scan# 831
Delta R.T. -0.01 min
Lab File: BM000933.D
Acq: 09 Apr 2015 21:58

Tgt Ion: 266 Resp: 18588
Ion Ratio Lower Upper
266 100
268 53.2 53.0 79.4
264 73.8 49.4 74.0





#27

Phenanthrene

Concen: 1.85 ng

RT: 17.05 min Scan# 850

Delta R.T. 0.01 min

Lab File: BM000933.D

Acq: 09 Apr 2015 21:58

Instrument :

BNA_M

ClientSampleId :

SSTDIC005

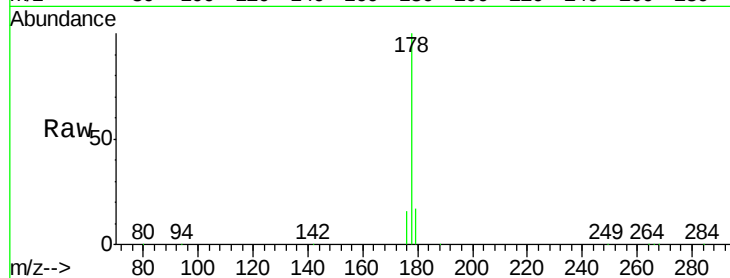
Tgt Ion:178 Resp: 221518

Ion Ratio Lower Upper

178 100

176 16.2 16.0 24.0

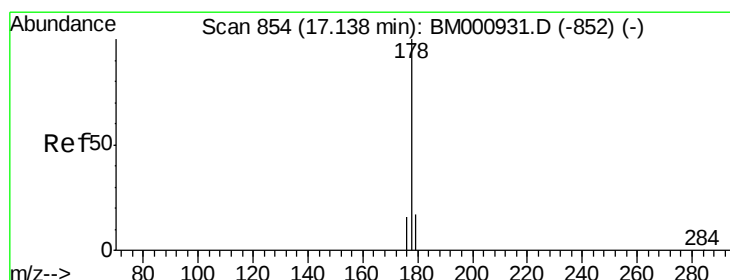
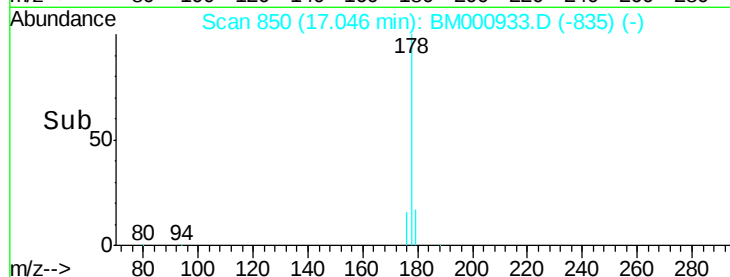
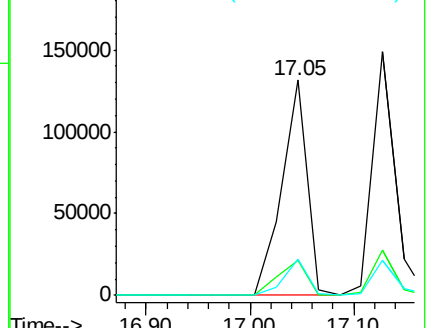
179 16.6 11.4 17.2



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



#28

Anthracene

Concen: 2.18 ng

RT: 17.13 min Scan# 854

Delta R.T. -0.01 min

Lab File: BM000933.D

Acq: 09 Apr 2015 21:58

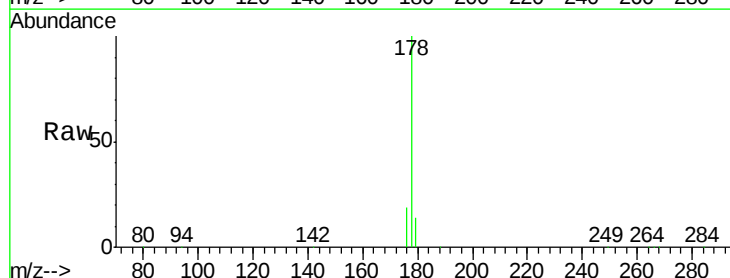
Tgt Ion:178 Resp: 222655

Ion Ratio Lower Upper

178 100

176 18.7 12.7 19.1

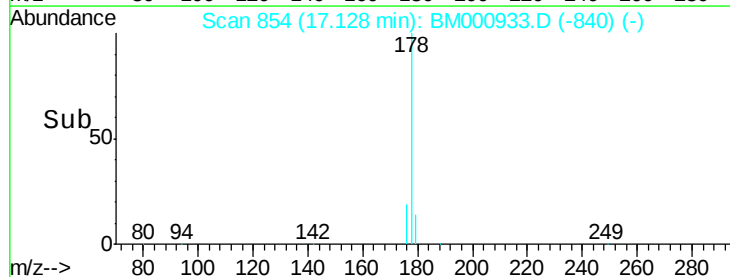
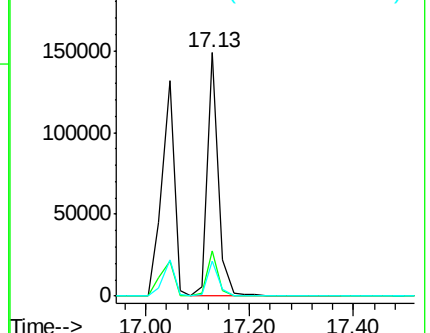
179 14.2 13.9 20.9

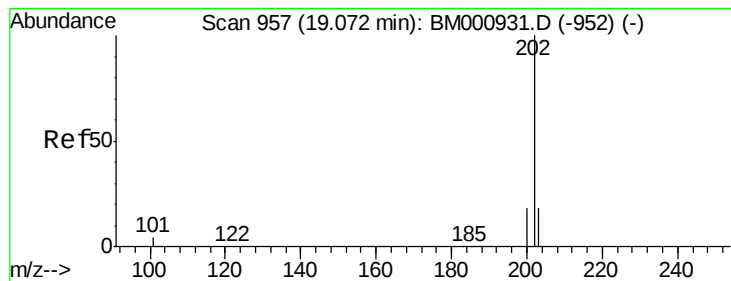


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#29

Fluoranthene

Concen: 1.99 ng

RT: 19.06 min Scan# 957

Delta R.T. -0.01 min

Lab File: BM000933.D

Acq: 09 Apr 2015 21:58

Instrument :

BNA_M

ClientSampleId :

SSTDIC005

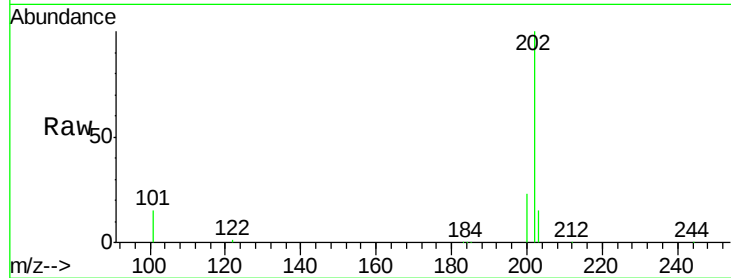
Tgt Ion:202 Resp: 240835

Ion Ratio Lower Upper

202 100

101 14.8 0.0 24.1

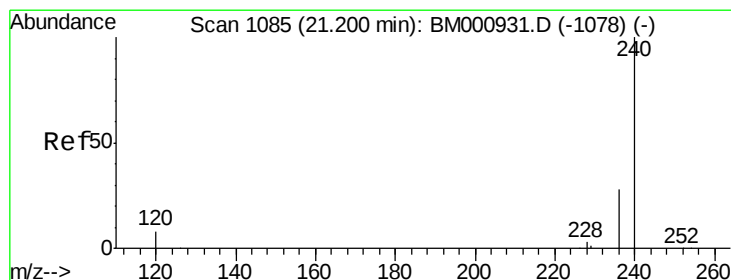
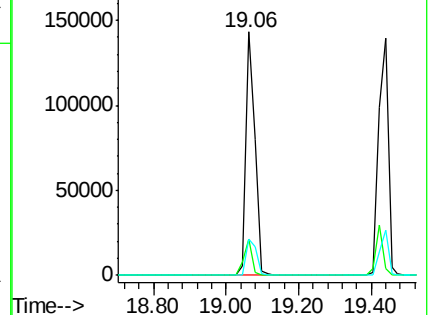
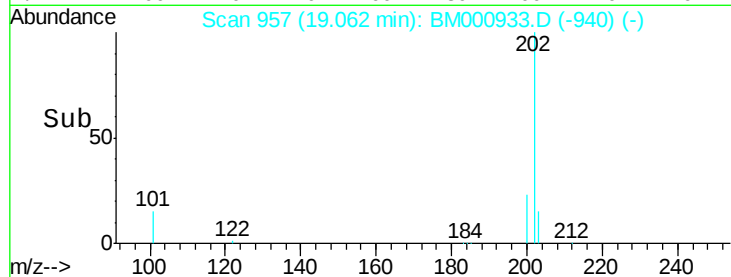
203 15.1 0.0 38.4



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



#30

Chrysene-d12

Concen: 5.00 ng

RT: 21.21 min Scan# 1086

Delta R.T. 0.01 min

Lab File: BM000933.D

Acq: 09 Apr 2015 21:58

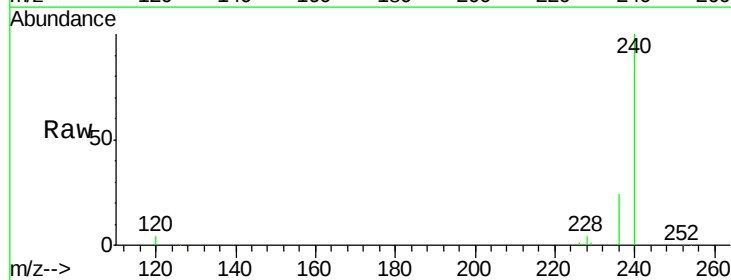
Tgt Ion:240 Resp: 148783

Ion Ratio Lower Upper

240 100

120 3.7 6.8 10.2#

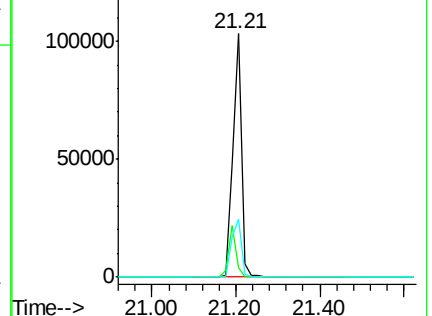
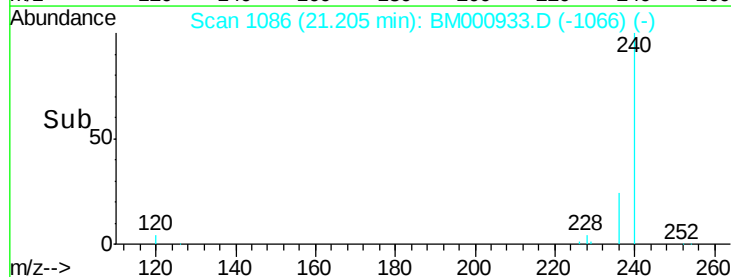
236 24.0 22.1 33.1

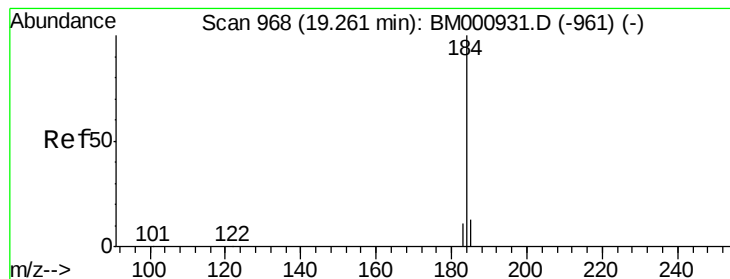


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#31

Benzidine

Concen: 3.43 ng

RT: 19.27 min Scan# 969

Delta R.T. 0.01 min

Lab File: BM000933.D

Acq: 09 Apr 2015 21:58

Instrument :

BNA_M

ClientSampleId :

SSTDIC005

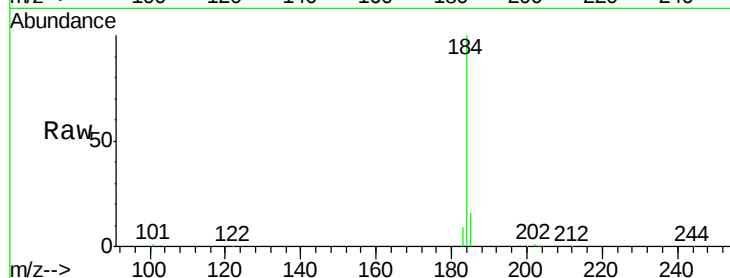
Tgt Ion:184 Resp: 60413

Ion Ratio Lower Upper

184 100

185 15.7 12.2 18.4

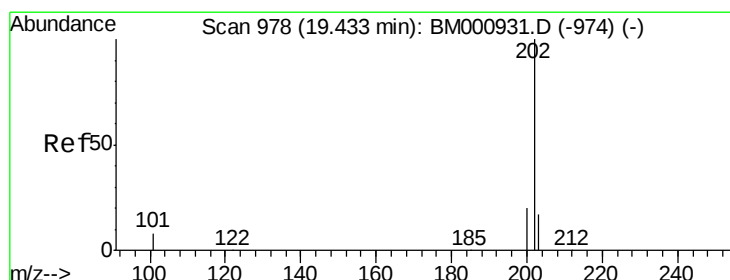
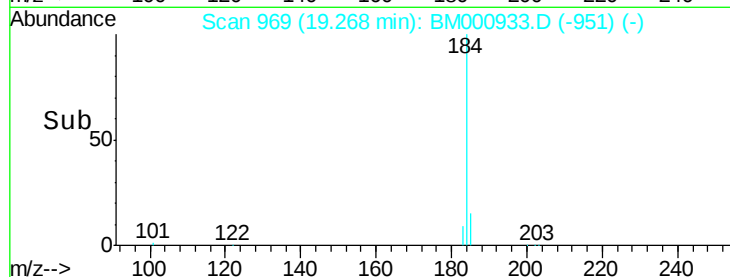
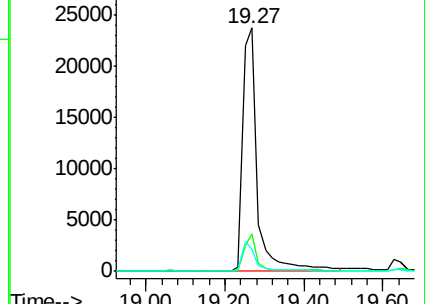
183 9.3 10.3 15.5#



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



#32

Pyrene

Concen: 2.04 ng

RT: 19.44 min Scan# 979

Delta R.T. 0.01 min

Lab File: BM000933.D

Acq: 09 Apr 2015 21:58

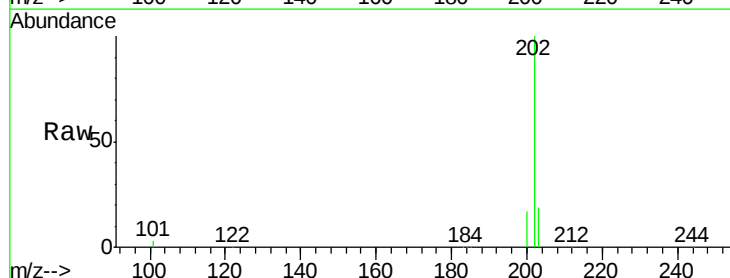
Tgt Ion:202 Resp: 253688

Ion Ratio Lower Upper

202 100

200 16.8 16.2 24.4

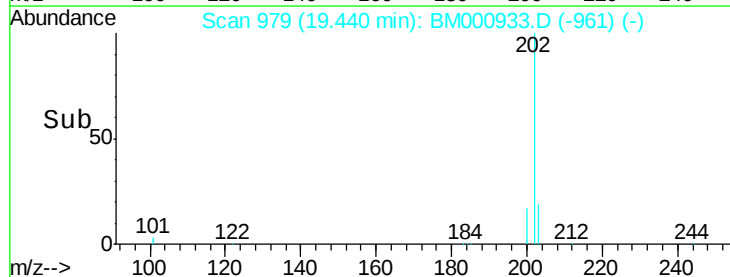
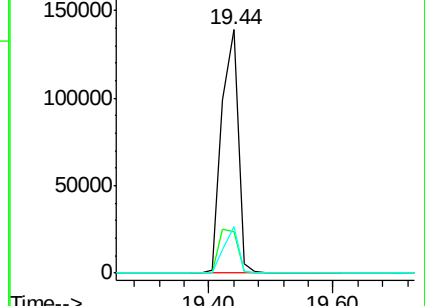
203 19.3 13.5 20.3

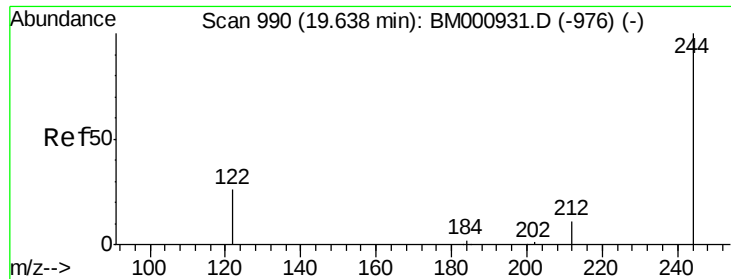


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

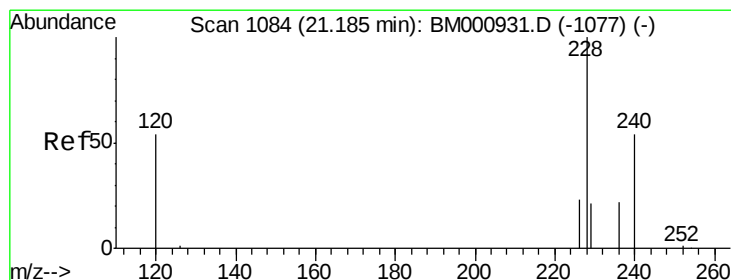
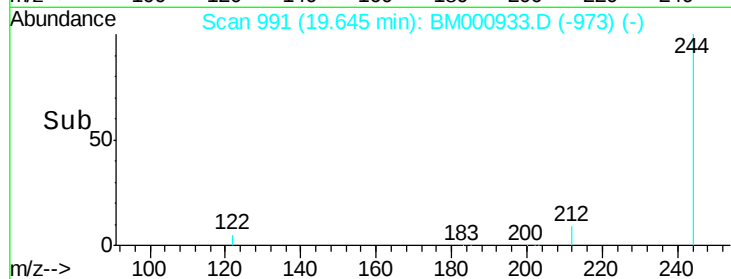
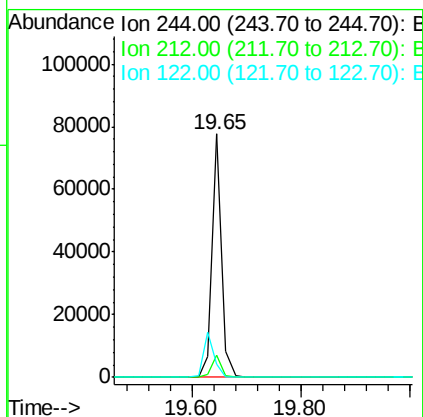
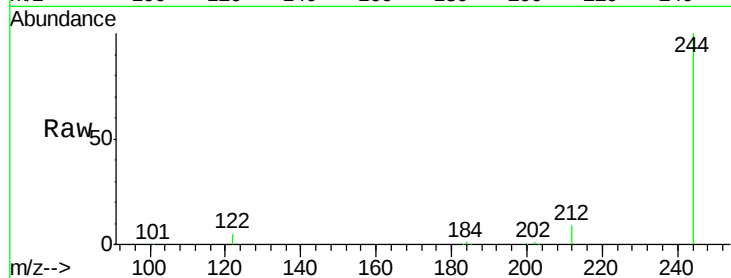




#33
 Terphenyl-d14
 Concen: 2.17 ng
 RT: 19.65 min Scan# 991
 Delta R.T. 0.01 min
 Lab File: BM000933.D
 Acq: 09 Apr 2015 21:58

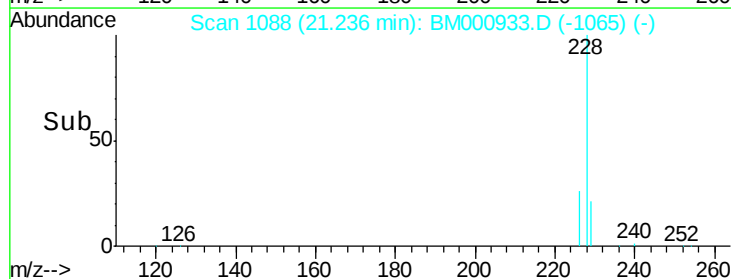
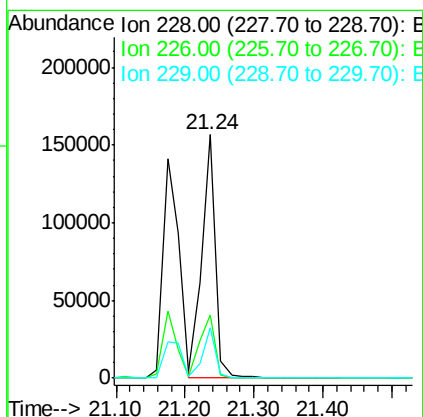
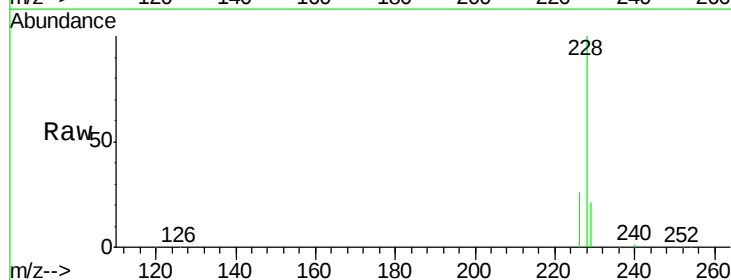
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC005

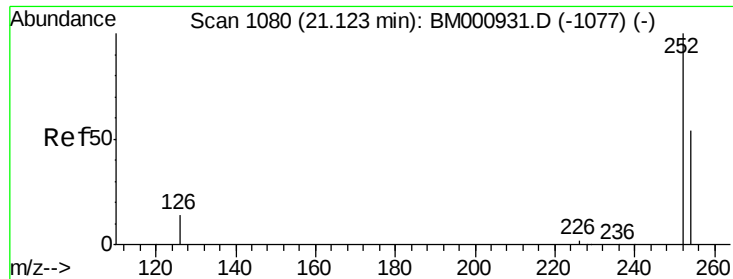
Tgt Ion:244 Resp: 96266
 Ion Ratio Lower Upper
 244 100
 212 9.0 9.4 14.0#
 122 5.4 20.9 31.3#



#34
 Benzo(a)anthracene
 Concen: 2.07 ng
 RT: 21.24 min Scan# 1088
 Delta R.T. 0.05 min
 Lab File: BM000933.D
 Acq: 09 Apr 2015 21:58

Tgt Ion:228 Resp: 215850
 Ion Ratio Lower Upper
 228 100
 226 26.0 18.9 28.3
 229 20.6 16.8 25.2

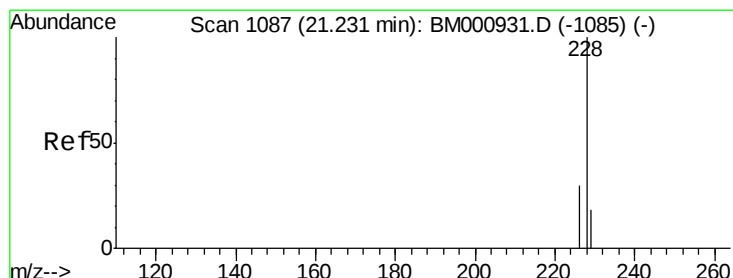
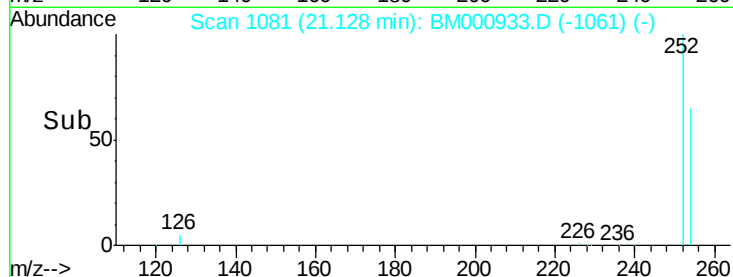
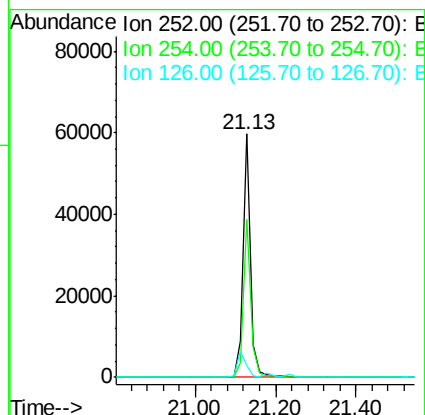
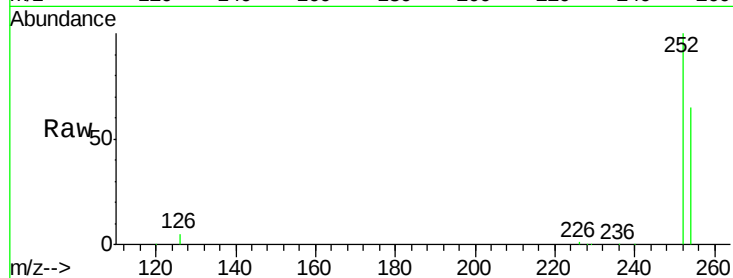




#35
 3,3'-Dichlorobenzidine
 Concen: 2.91 ng
 RT: 21.13 min Scan# 1081
 Delta R.T. 0.01 min
 Lab File: BM000933.D
 Acq: 09 Apr 2015 21:58

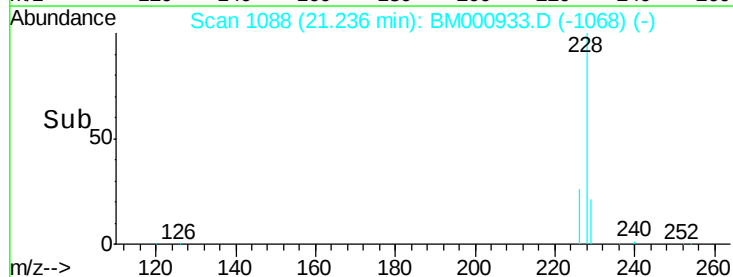
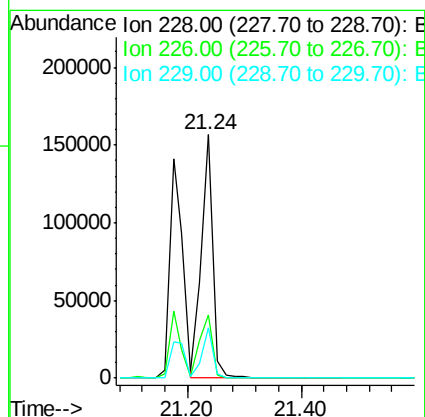
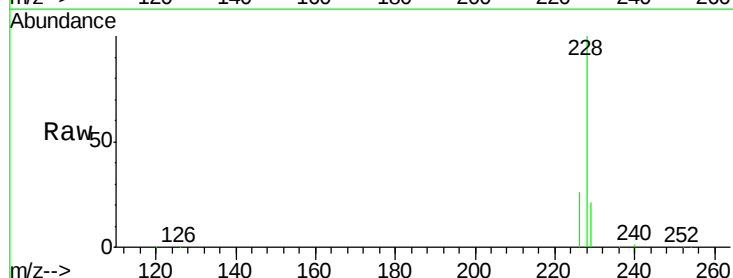
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC005

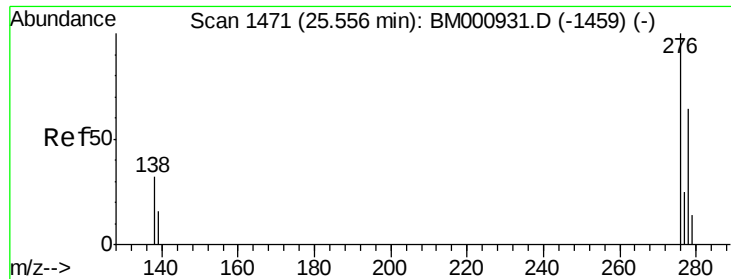
Tgt Ion: 252 Resp: 74504
 Ion Ratio Lower Upper
 252 100
 254 65.0 43.4 65.2
 126 4.7 12.3 18.5#



#36
 Chrysene
 Concen: 1.95 ng
 RT: 21.24 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: BM000933.D
 Acq: 09 Apr 2015 21:58

Tgt Ion: 228 Resp: 216495
 Ion Ratio Lower Upper
 228 100
 226 26.0 23.4 35.2
 229 20.6 15.0 22.6





#37

Indeno(1,2,3-cd)pyrene

Concen: 2.12 ng

RT: 25.56 min Scan# 1472

Delta R.T. 0.00 min

Lab File: BM000933.D

Acq: 09 Apr 2015 21:58

Instrument :

BNA_M

ClientSampleId :

SSTDICC005

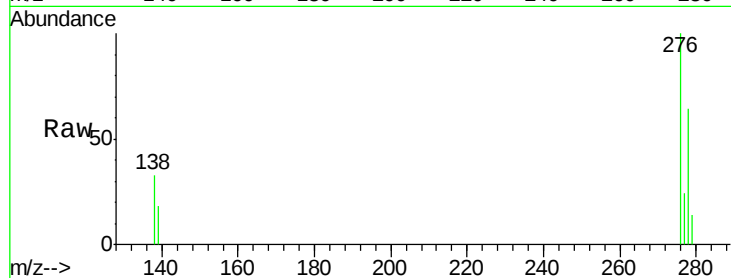
Tgt Ion: 276 Resp: 236843

Ion Ratio Lower Upper

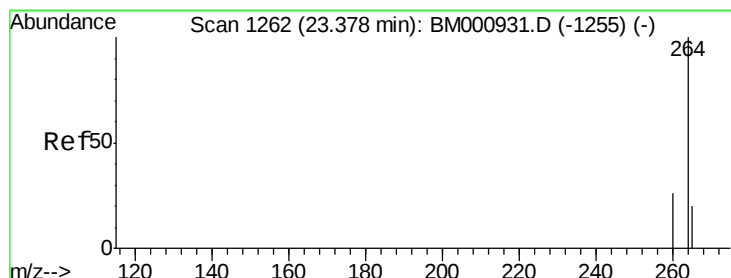
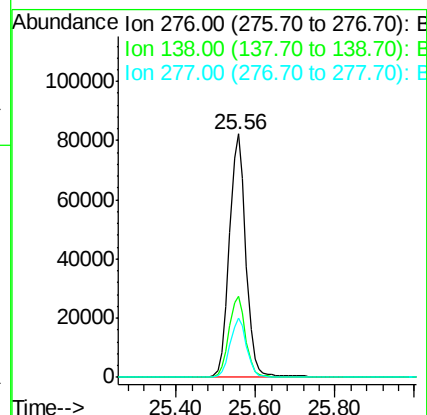
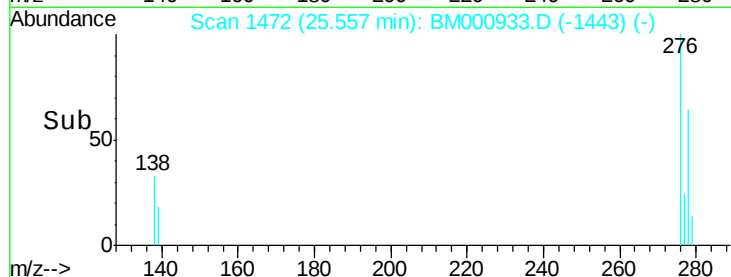
276 100

138 33.7 26.6 40.0

277 24.5 19.8 29.6



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



#38

Perylene-d12

Concen: 5.00 ng

RT: 23.38 min Scan# 1263

Delta R.T. 0.00 min

Lab File: BM000933.D

Acq: 09 Apr 2015 21:58

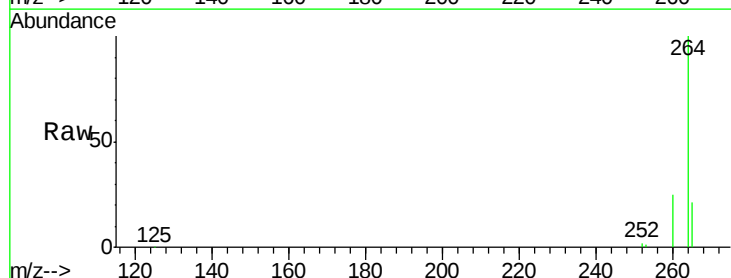
Tgt Ion: 264 Resp: 137158

Ion Ratio Lower Upper

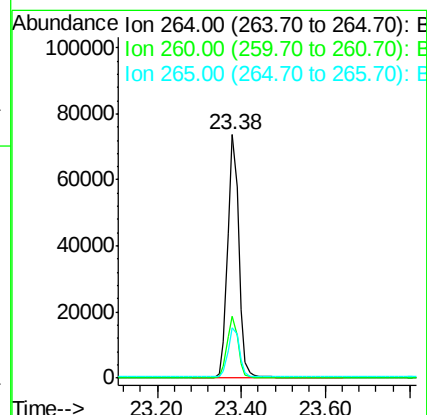
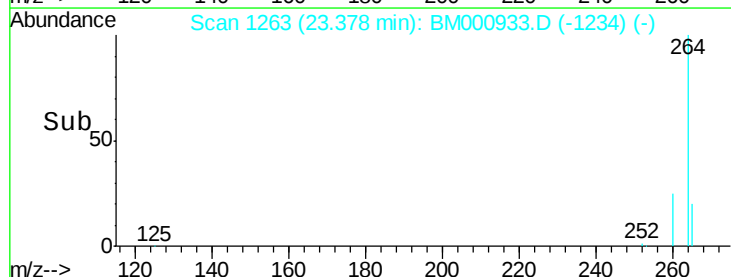
264 100

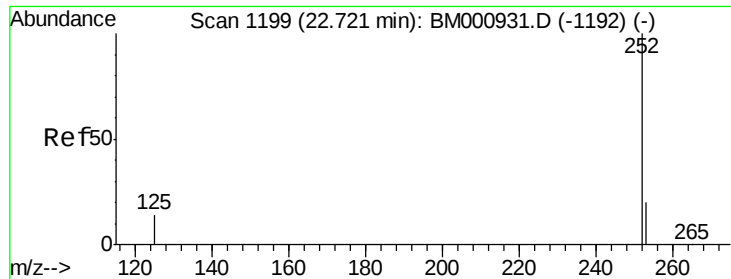
260 25.5 20.6 30.8

265 20.8 16.4 24.6



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#39

Benzo(b)fluoranthene

Concen: 2.10 ng

RT: 22.72 min Scan# 1200

Delta R.T. 0.00 min

Lab File: BM000933.D

Acq: 09 Apr 2015 21:58

Instrument :

BNA_M

ClientSampleId :

SSTDIC005

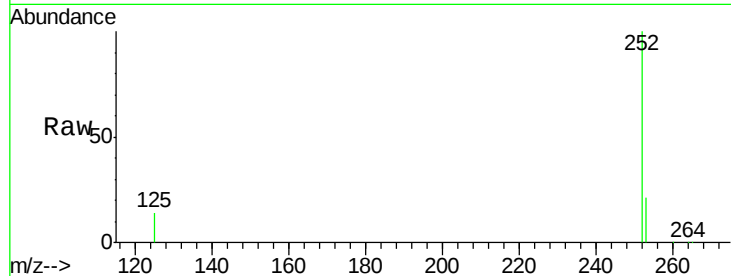
Tgt Ion:252 Resp: 213884

Ion Ratio Lower Upper

252 100

253 20.7 16.9 25.3

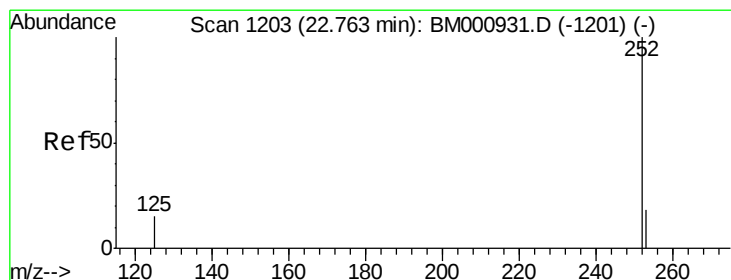
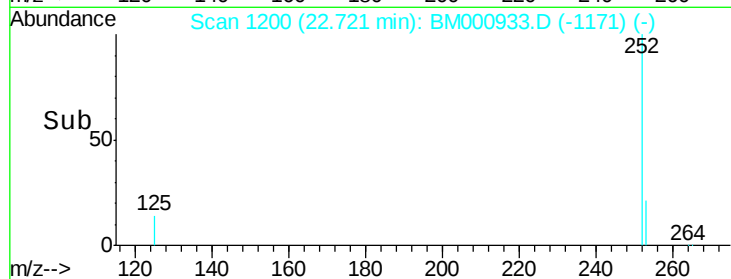
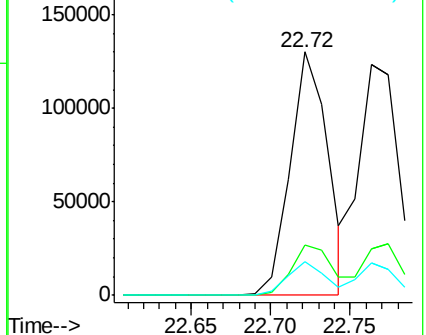
125 13.6 11.3 16.9



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



#40

Benzo(k)fluoranthene

Concen: 2.09 ng

RT: 22.76 min Scan# 1204

Delta R.T. 0.00 min

Lab File: BM000933.D

Acq: 09 Apr 2015 21:58

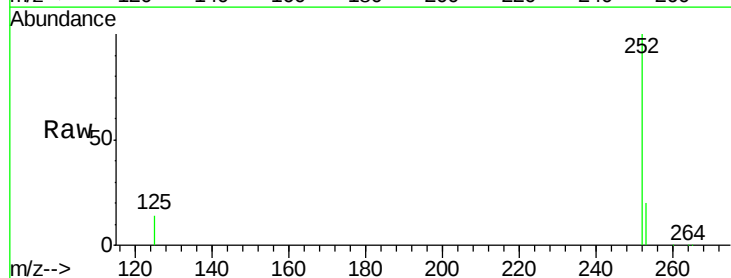
Tgt Ion:252 Resp: 217972

Ion Ratio Lower Upper

252 100

253 20.1 16.9 25.3

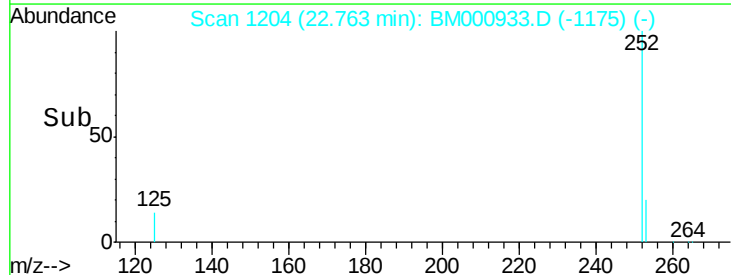
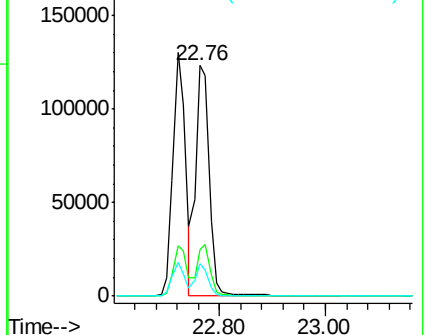
125 13.9 11.2 16.8

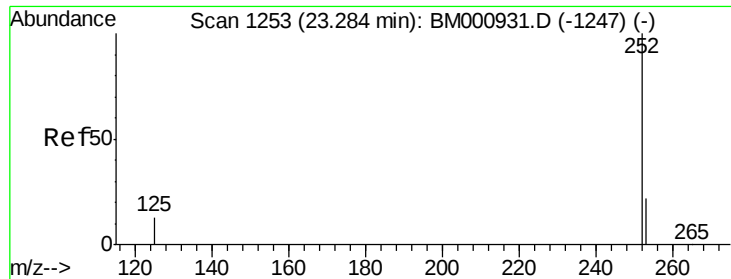


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#41

Benzo(a)pyrene

Concen: 2.13 ng

RT: 23.28 min Scan# 1254

Delta R.T. 0.00 min

Lab File: BM000933.D

Acq: 09 Apr 2015 21:58

Instrument :

BNA_M

ClientSampleId :

SSTDIC005

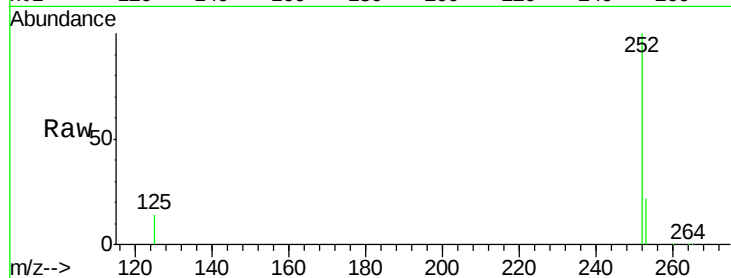
Tgt Ion: 252 Resp: 197030

Ion Ratio Lower Upper

252 100

253 22.4 19.0 28.4

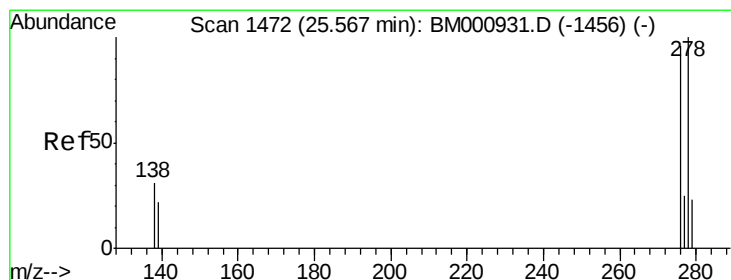
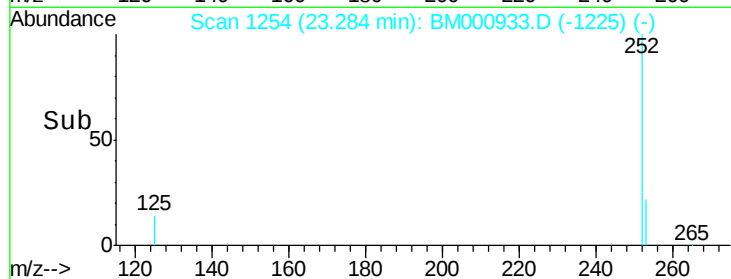
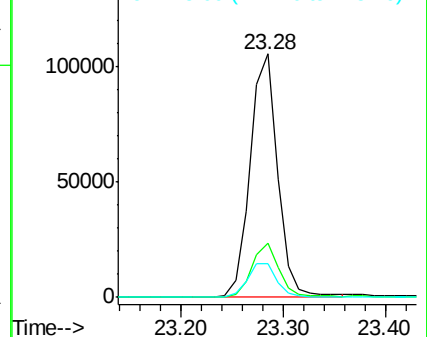
125 13.7 11.0 16.6



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



#42

Dibenzo(a,h)anthracene

Concen: 2.12 ng

RT: 25.57 min Scan# 1473

Delta R.T. 0.00 min

Lab File: BM000933.D

Acq: 09 Apr 2015 21:58

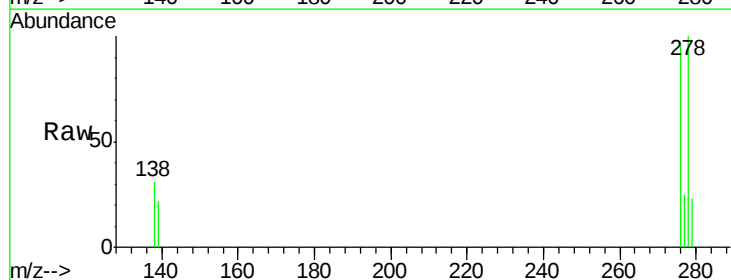
Tgt Ion: 278 Resp: 183800

Ion Ratio Lower Upper

278 100

139 22.3 17.8 26.8

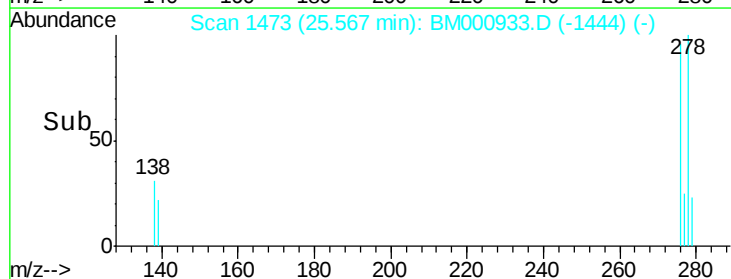
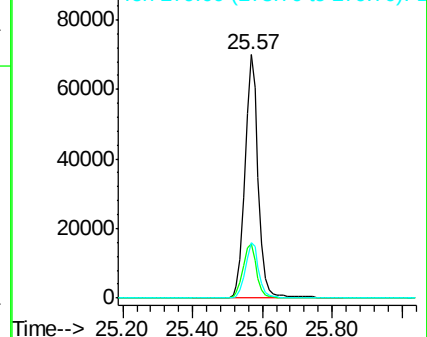
279 22.9 19.0 28.6

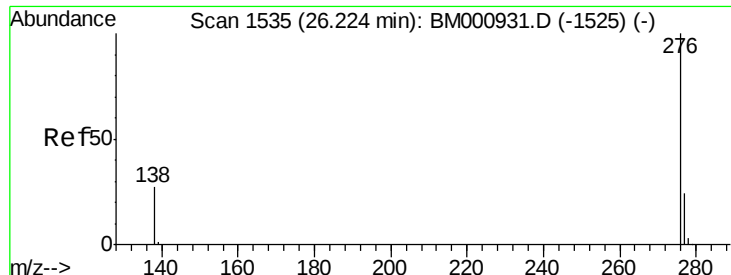


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#43

Benzo(g,h,i)perylene

Concen: 2.03 ng

RT: 26.22 min Scan# 1536

Delta R.T. 0.00 min

Lab File: BM000933.D

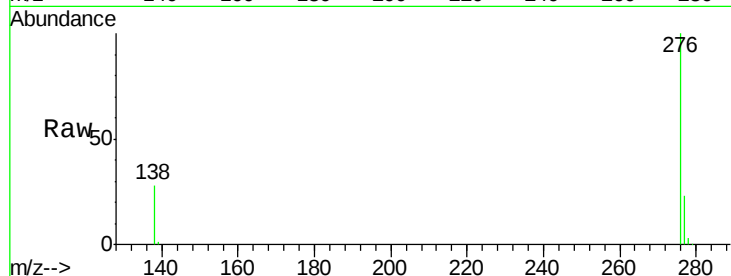
Acq: 09 Apr 2015 21:58

Instrument :

BNA_M

ClientSampleId :

SSTDIC005



Tgt Ion: 276 Resp: 195571

Ion Ratio Lower Upper

276 100

277 23.4 19.4 29.0

138 28.0 21.7 32.5

