

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM040915\
 Data File : BM000932.D
 Acq On : 09 Apr 2015 21:22
 Operator : TP/IZ
 Sample : SSTDICC002
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC002

Quant Time: Apr 10 06:09:02 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	40340	5.00	ng	0.00
8) Naphthalene-d8	10.38	136	151599	5.00	ng	0.00
17) Acenaphthene-d10	14.26	164	84455	5.00	ng	0.01
24) Phenanthrene-d10	17.00	188	166516	5.00	ng	0.01
30) Chrysene-d12	21.20	240	143158	5.00	ng	0.00
38) Perylene-d12	23.38	264	129698	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	17719	0.82	ng	0.00
5) Phenol-d6	6.78	99	21835	0.85	ng	0.00
9) Nitrobenzene-d5	8.76	82	15789	0.87	ng	0.00
18) 2,4,6-Tribromophenol	15.76	330	5748	0.61	ng	0.01
19) 2-Fluorobiphenyl	12.88	172	46536	0.66	ng	0.00
33) Terphenyl-d14	19.65	244	37898	0.89	ng	0.00

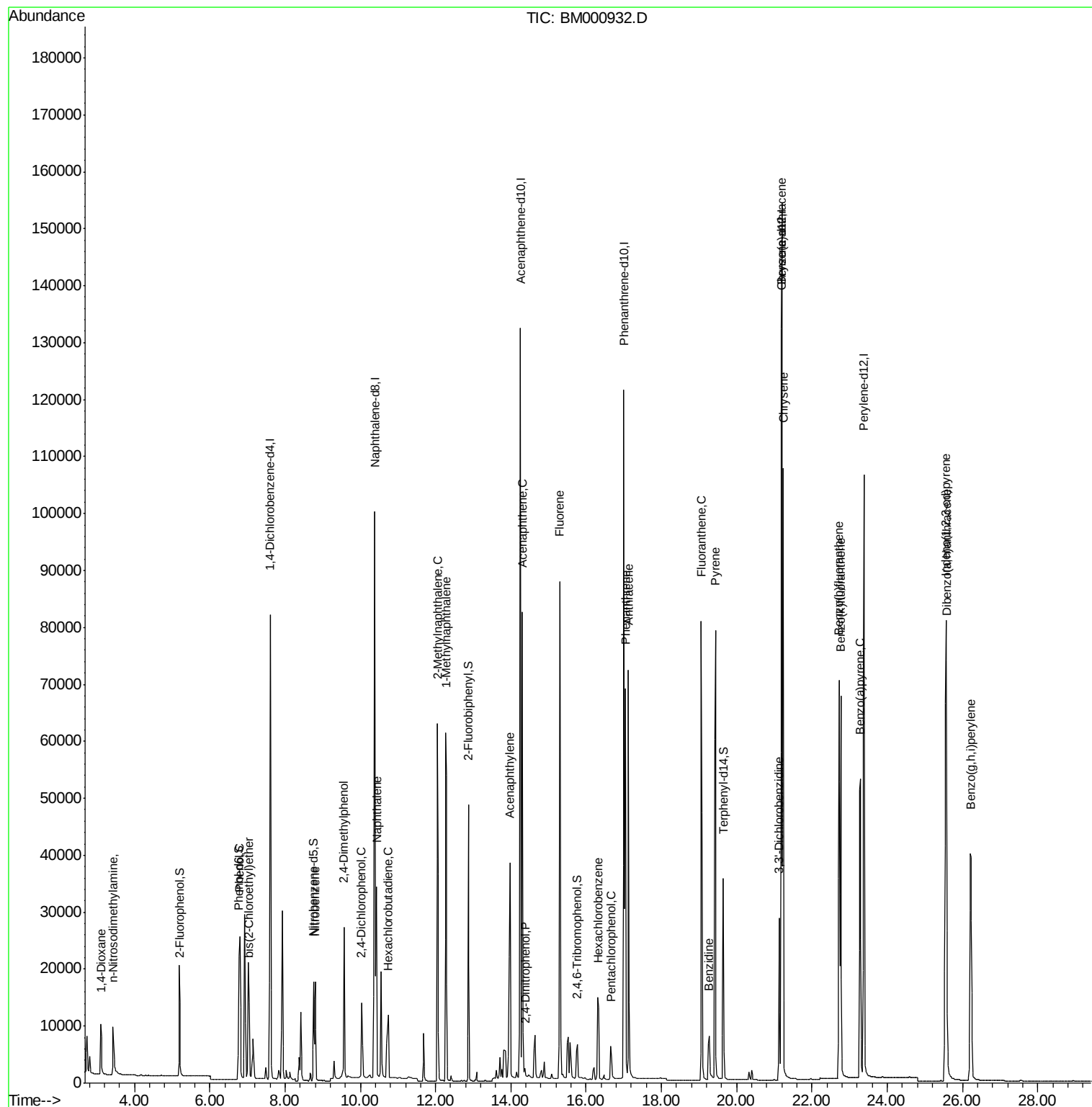
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.12	88	7246	0.81	ng	95
3) n-Nitrosodimethylamine	3.43	42	8182	0.64	ng	# 36
6) Phenol	6.80	94	22579	0.89	ng	# 43
7) bis(2-Chloroethyl)ether	7.04	93	19519	0.88	ng	94
10) Nitrobenzene	8.80	77	19331	0.89	ng	97
11) 2,4-Dimethylphenol	9.56	122	18343	0.92	ng	97
12) 2,4-Dichlorophenol	10.03	162	15877	0.82	ng	92
13) Naphthalene	10.44	128	62938	0.83	ng	100
14) Hexachlorobutadiene	10.74	225	11681	0.81	ng	98
15) 2-Methylnaphthalene	12.06	142	44699	0.86	ng	98
16) 1-Methylnaphthalene	12.28	142	45090	0.87	ng	85
20) Acenaphthylene	13.97	152	67685	0.59	ng	93
21) Acenaphthene	14.31	154	46085	0.71	ng	# 63
22) 2,4-Dinitrophenol	14.38	184	2066	1.20	ng	# 82
23) Fluorene	15.30	166	58669	0.81	ng	# 73
25) Hexachlorobenzene	16.33	284	18152	0.73	ng	# 66
26) Pentachlorophenol	16.66	266	6057	0.84	ng	# 84
27) Phenanthrene	17.05	178	87182	0.76	ng	92
28) Anthracene	17.13	178	84651	0.86	ng	92
29) Fluoranthene	19.06	202	93600	0.80	ng	87
31) Benzidine	19.27	184	17890	1.06	ng	# 96
32) Pyrene	19.44	202	97806	0.82	ng	94
34) Benzo(a)anthracene	21.19	228	88367	0.88	ng	98
35) 3,3'-Dichlorobenzidine	21.13	252	24815	1.01	ng	# 93
36) Chrysene	21.23	228	90817	0.85	ng	97
37) Indeno(1,2,3-cd)pyrene	25.56	276	92510	0.86	ng	100
39) Benzo(b)fluoranthene	22.72	252	85289	0.89	ng	99
40) Benzo(k)fluoranthene	22.77	252	84931	0.86	ng	99
41) Benzo(a)pyrene	23.29	252	76174	0.87	ng	99
42) Dibenzo(a,h)anthracene	25.57	278	71588	0.87	ng	98
43) Benzo(g,h,i)perylene	26.22	276	77646	0.85	ng	97

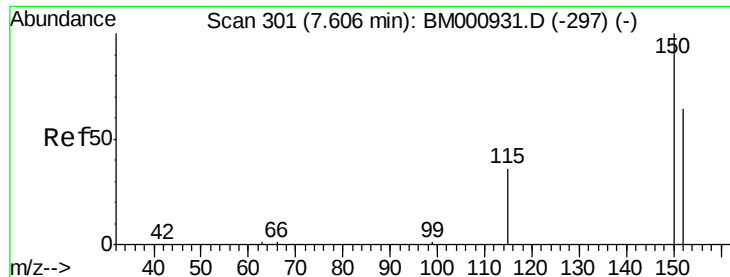
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM000932.D

Acq: 09 Apr 2015 21:22

Instrument :

BNA_M

ClientSampleId :

SSTDICC002

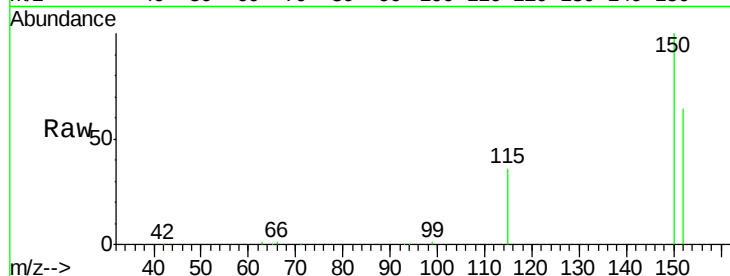
Tgt Ion:152 Resp: 40340

Ion Ratio Lower Upper

152 100

150 156.1 125.4 188.2

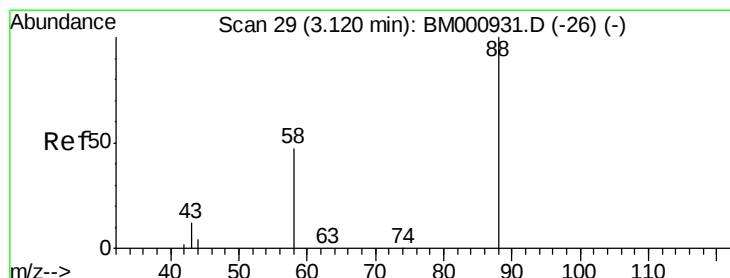
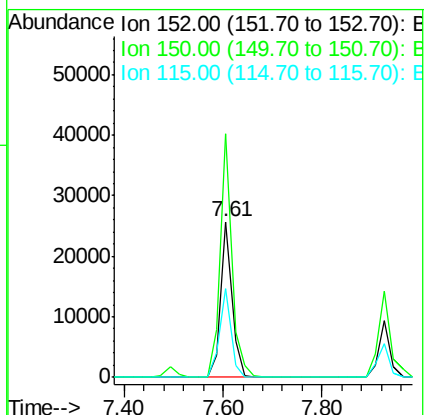
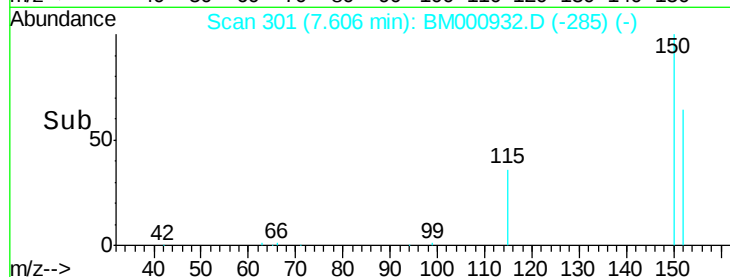
115 56.8 45.9 68.9



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: 0.81 ng

RT: 3.12 min Scan# 29

Delta R.T. 0.00 min

Lab File: BM000932.D

Acq: 09 Apr 2015 21:22

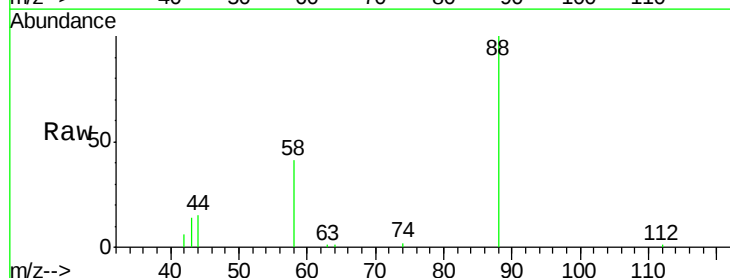
Tgt Ion: 88 Resp: 7246

Ion Ratio Lower Upper

88 100

58 85.0 63.0 94.6

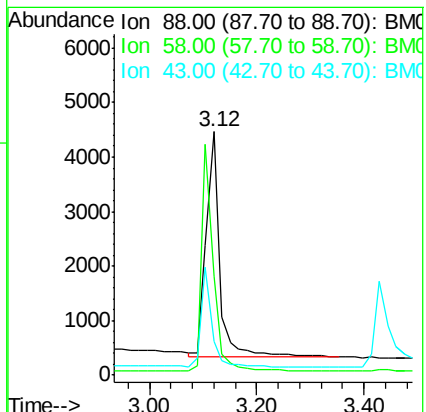
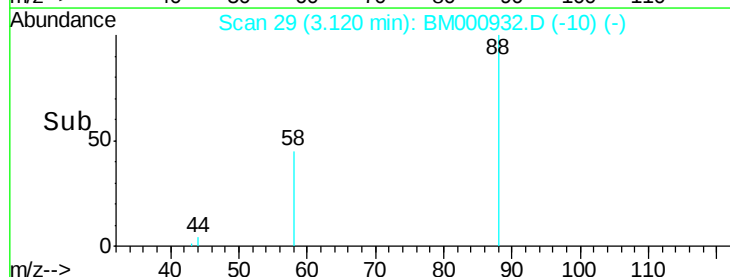
43 34.6 27.0 40.4

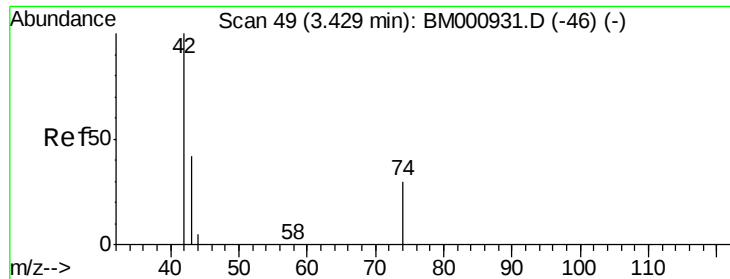


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 0.64 ng

RT: 3.43 min Scan# 49

Delta R.T. 0.00 min

Lab File: BM000932.D

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SSTDICC002

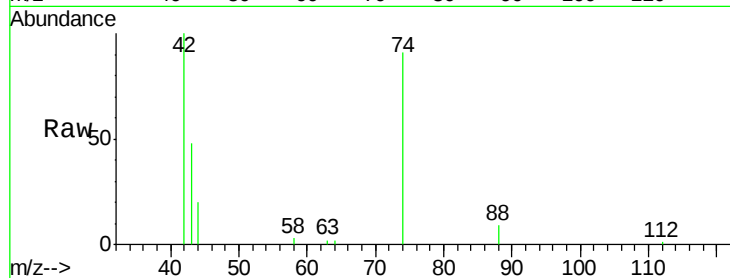
Tgt Ion: 42 Resp: 8182

Ion Ratio Lower Upper

42 100

74 91.4 26.0 39.0#

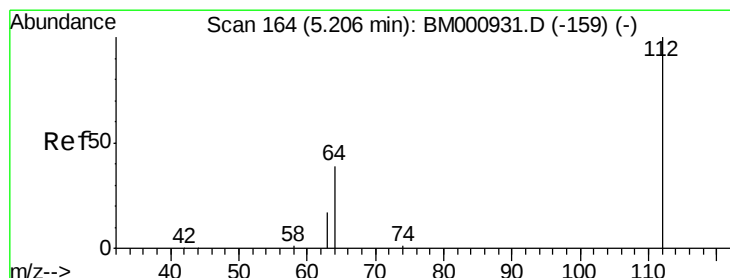
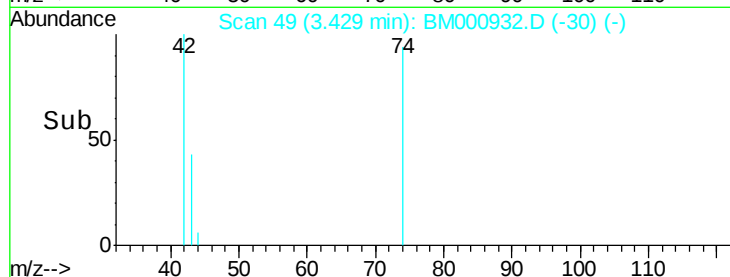
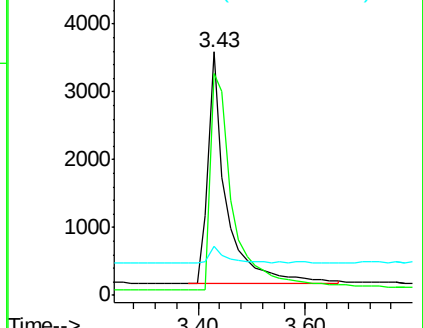
44 19.9 29.0 43.4#



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: 0.82 ng

RT: 5.21 min Scan# 164

Delta R.T. 0.00 min

Lab File: BM000932.D

Acq: 09 Apr 2015 21:22

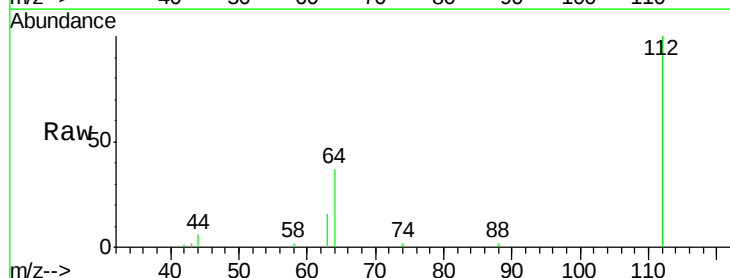
Tgt Ion: 112 Resp: 17719

Ion Ratio Lower Upper

112 100

64 37.2 31.8 47.8

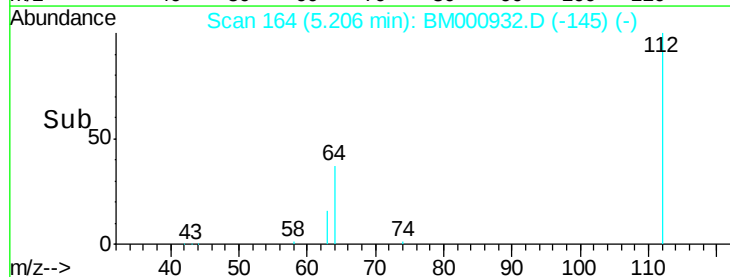
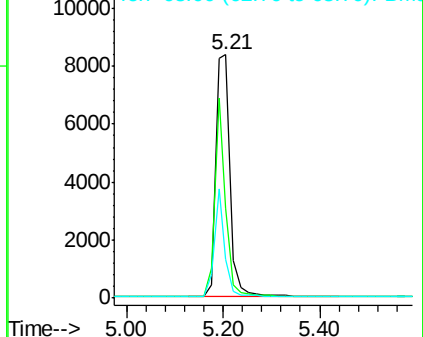
63 16.2 14.5 21.7

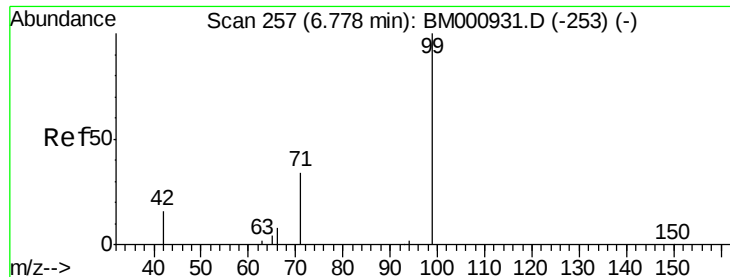


Abundance Ion 112.00 (111.70 to 112.70): BM000931.D (-159) (-)

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: 0.85 ng

RT: 6.78 min Scan# 257

Delta R.T. 0.00 min

Lab File: BM000932.D

Acq: 09 Apr 2015 21:22

Instrument :

BNA_M

ClientSampleId :

SSTDICC002

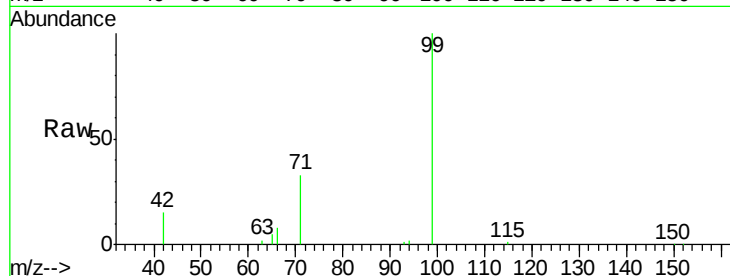
Tgt Ion: 99 Resp: 21835

Ion Ratio Lower Upper

99 100

42 15.1 14.1 21.1

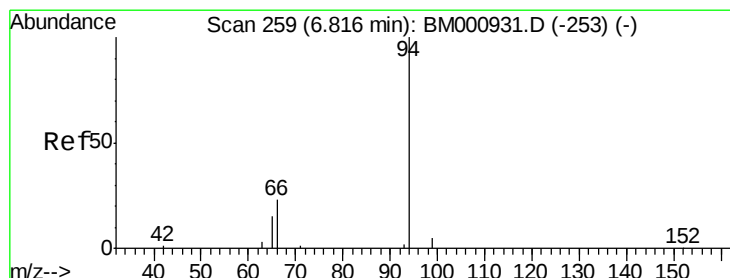
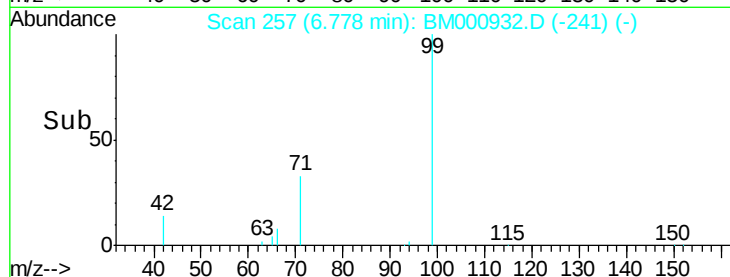
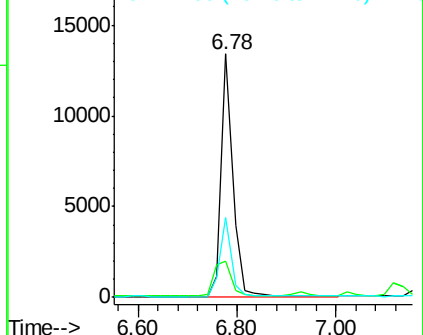
71 32.9 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM000932.D (-253) (-)

Ion 42.00 (41.70 to 42.70): BM000932.D (-253) (-)

Ion 71.00 (70.70 to 71.70): BM000932.D (-253) (-)



#6

Phenol

Concen: 0.89 ng

RT: 6.80 min Scan# 258

Delta R.T. -0.02 min

Lab File: BM000932.D

Acq: 09 Apr 2015 21:22

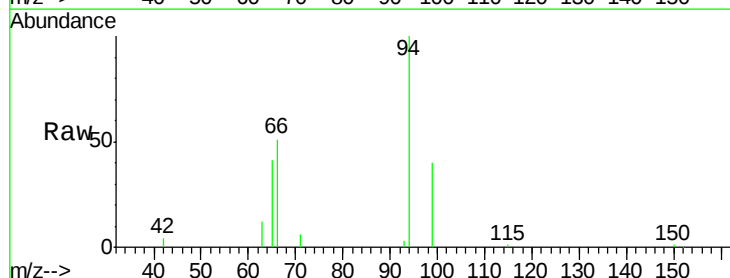
Tgt Ion: 94 Resp: 22579

Ion Ratio Lower Upper

94 100

65 41.2 0.0 36.0#

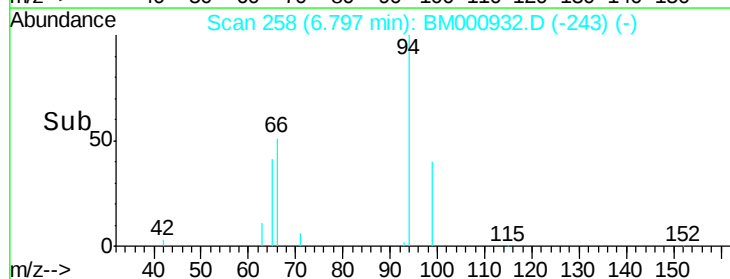
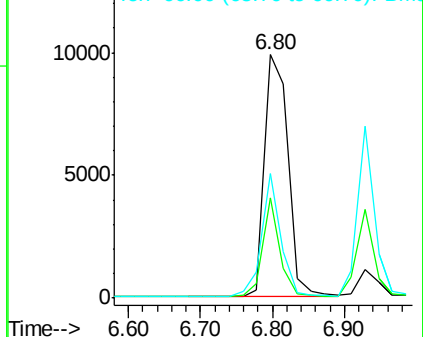
66 50.9 3.7 43.7#

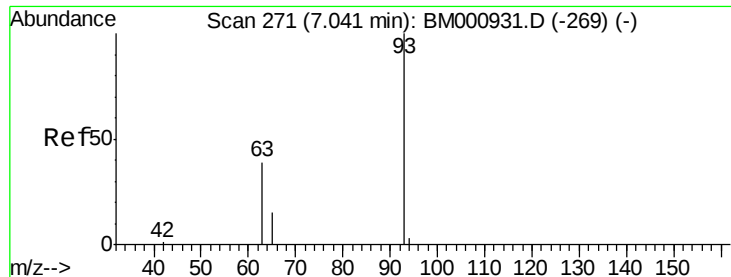


Abundance Ion 94.00 (93.70 to 94.70): BM000932.D (-253) (-)

Ion 65.00 (64.70 to 65.70): BM000932.D (-253) (-)

Ion 66.00 (65.70 to 66.70): BM000932.D (-253) (-)





#7

bis(2-Chloroethyl)ether

Concen: 0.88 ng

RT: 7.04 min Scan# 271

Delta R.T. 0.00 min

Lab File: BM000932.D

Acq: 09 Apr 2015 21:22

Instrument :

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ClientSampleId :

SSTDICC002

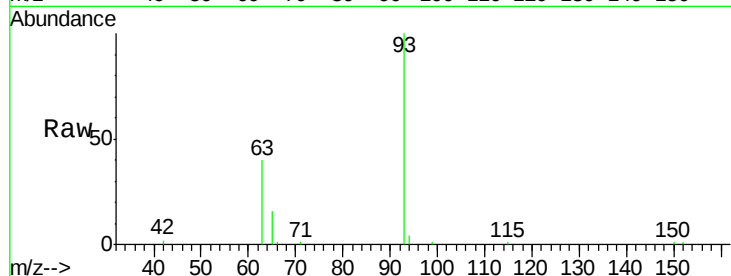
Tgt Ion: 93 Resp: 19519

Ion Ratio Lower Upper

93 100

63 39.9 24.0 64.0

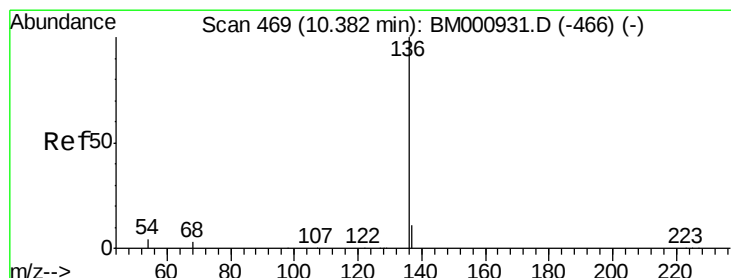
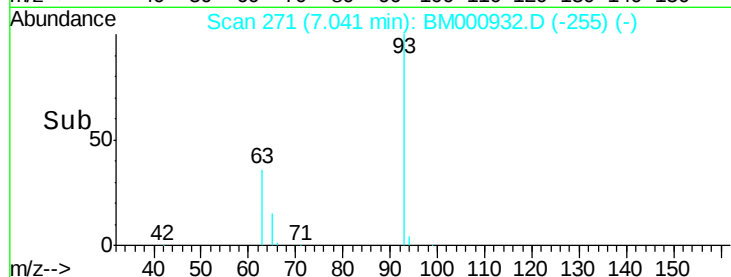
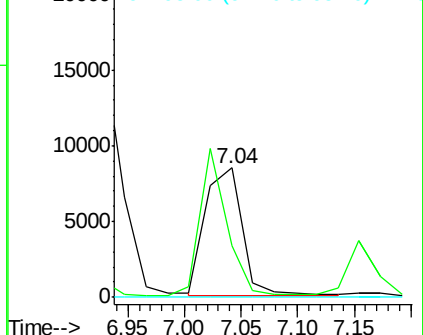
95 0.0 0.0 20.0



Abundance Ion 93.00 (92.70 to 93.70): BM000931.D (-269) (-)

Ion 63.00 (62.70 to 63.70): BM000931.D (-269) (-)

Ion 95.00 (94.70 to 95.70): BM000931.D (-269) (-)



#8

Naphthalene-d8

Concen: 5.00 ng

RT: 10.38 min Scan# 469

Delta R.T. 0.00 min

Lab File: BM000932.D

Acq: 09 Apr 2015 21:22

Tgt Ion: 136 Resp: 151599

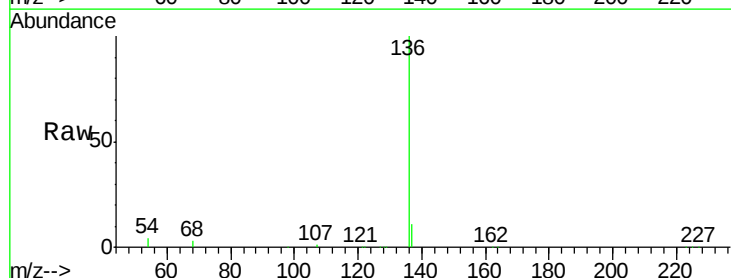
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 3.6 2.9 4.3

68 2.7 2.2 3.2

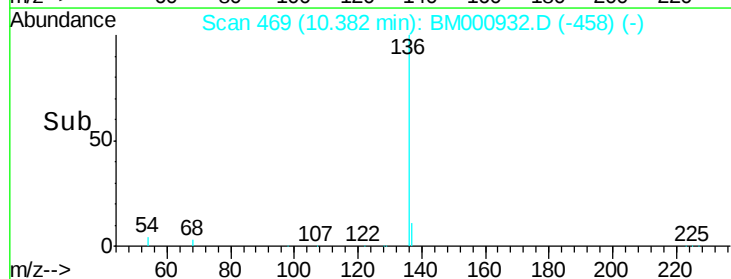
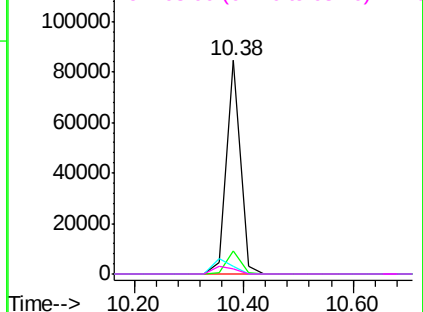


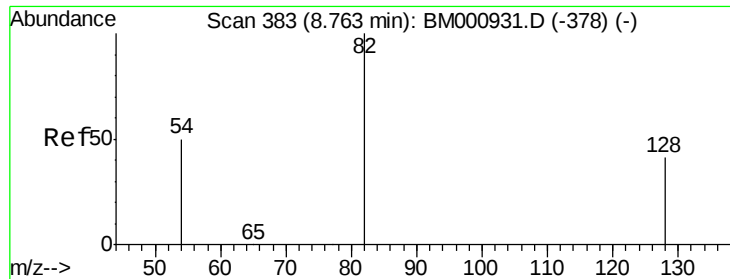
Abundance Ion 136.00 (135.70 to 136.70): BM000931.D (-466) (-)

Ion 137.00 (136.70 to 137.70): BM000931.D (-466) (-)

Ion 54.00 (53.70 to 54.70): BM000931.D (-466) (-)

Ion 68.00 (67.70 to 68.70): BM000931.D (-466) (-)





#9

Nitrobenzene-d5

Concen: 0.87 ng

RT: 8.76 min Scan# 383

Delta R.T. 0.00 min

Lab File: BM000932.D

Acq: 09 Apr 2015 21:22

Instrument :

BNA_M

ClientSampleId :

SSTDICC002

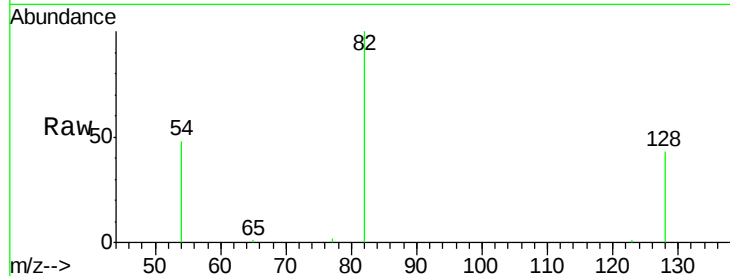
Tgt Ion: 82 Resp: 15789

Ion Ratio Lower Upper

82 100

128 43.2 33.4 50.0

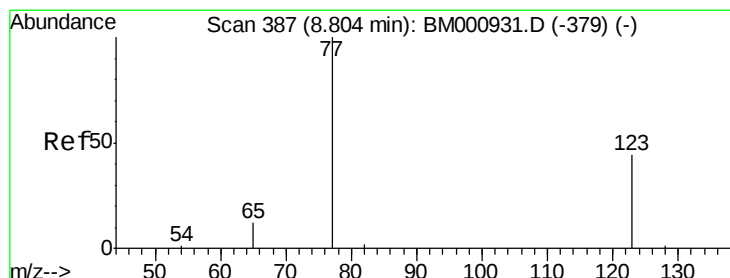
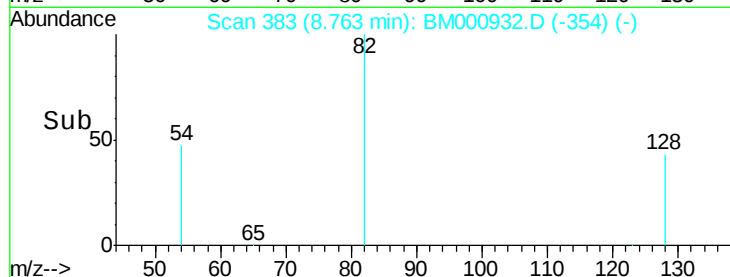
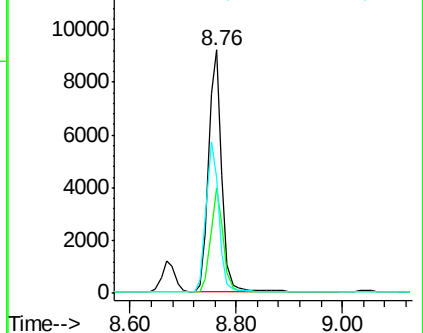
54 47.7 40.5 60.7



Abundance Ion 82.00 (81.70 to 82.70): BM000931.D (-378) (-)

Ion 128.00 (127.70 to 128.70): BM000931.D (-378) (-)

Ion 54.00 (53.70 to 54.70): BM000931.D (-378) (-)



#10

Nitrobenzene

Concen: 0.89 ng

RT: 8.80 min Scan# 387

Delta R.T. 0.00 min

Lab File: BM000932.D

Acq: 09 Apr 2015 21:22

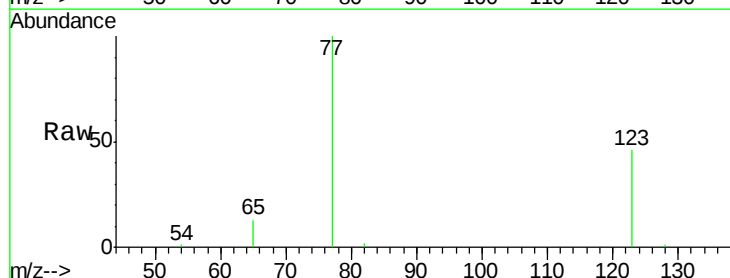
Tgt Ion: 77 Resp: 19331

Ion Ratio Lower Upper

77 100

123 46.1 35.0 52.6

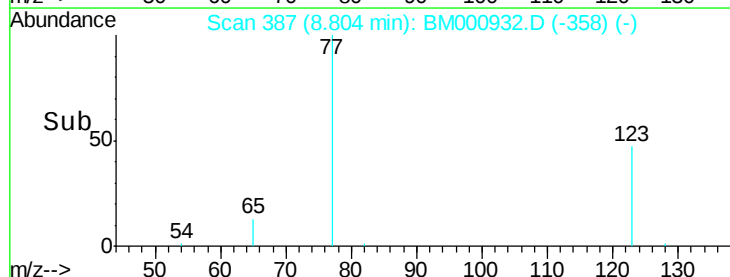
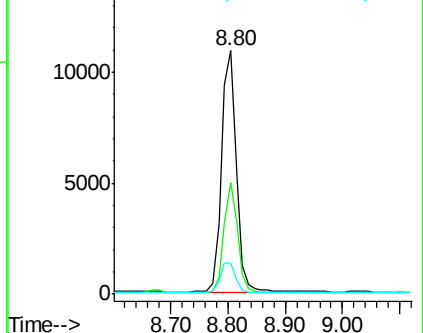
65 12.9 10.7 16.1

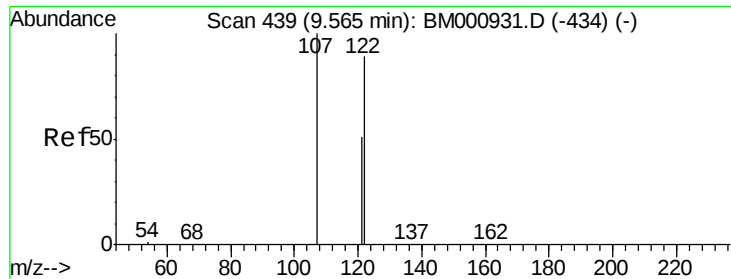


Abundance Ion 77.00 (76.70 to 77.70): BM000931.D (-379) (-)

Ion 123.00 (122.70 to 123.70): BM000931.D (-379) (-)

Ion 65.00 (64.70 to 65.70): BM000931.D (-379) (-)

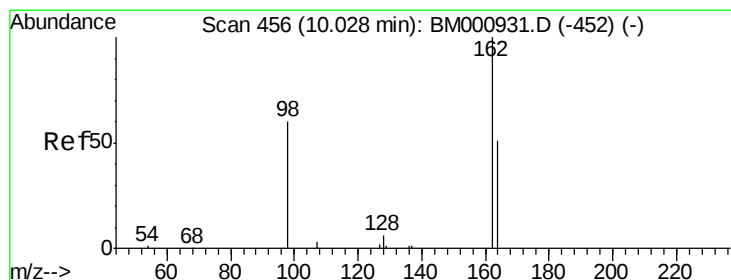
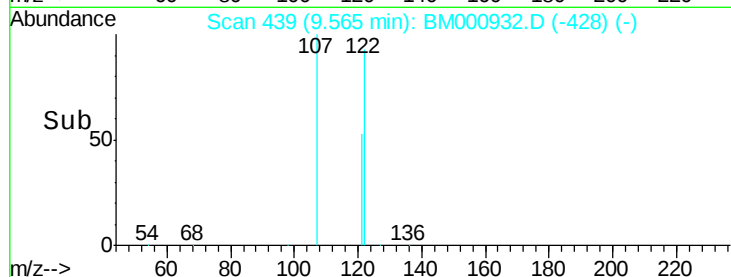
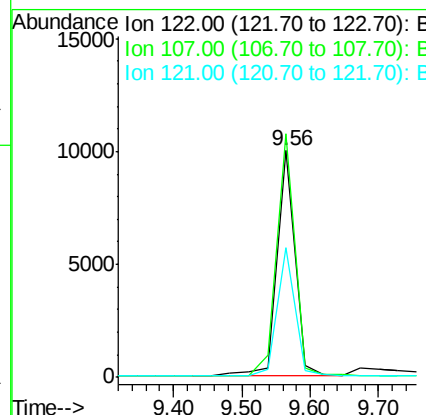
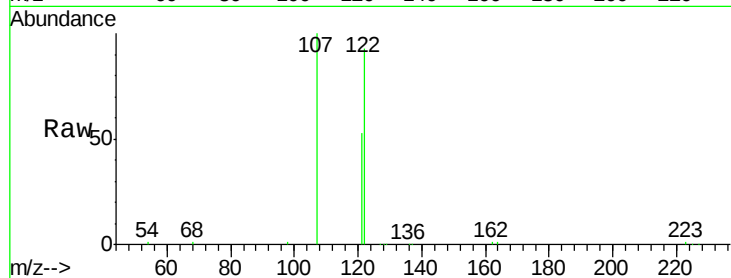




#11
 2,4-Dimethylphenol
 Concen: 0.92 ng
 RT: 9.56 min Scan# 439
 Delta R.T. 0.00 min
 Lab File: BM000932.D
 Acq: 09 Apr 2015 21:22

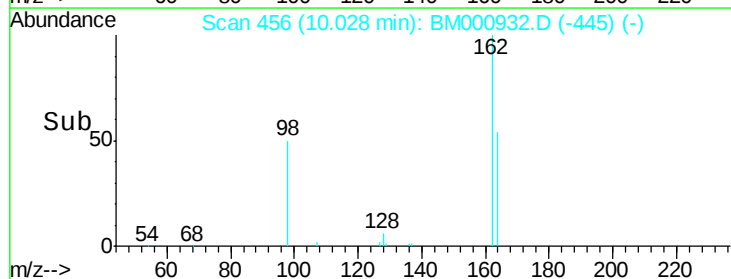
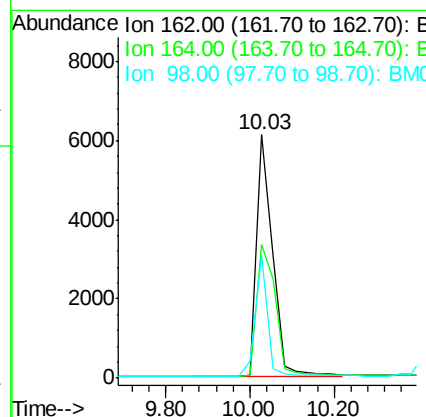
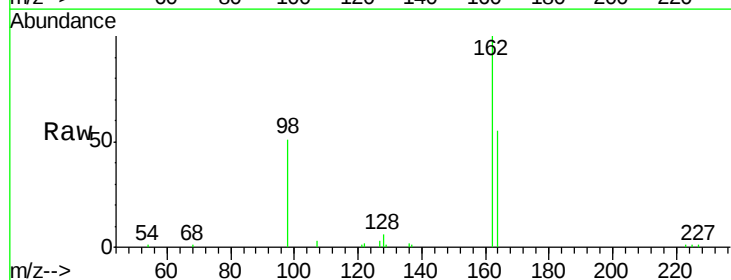
Instrument :
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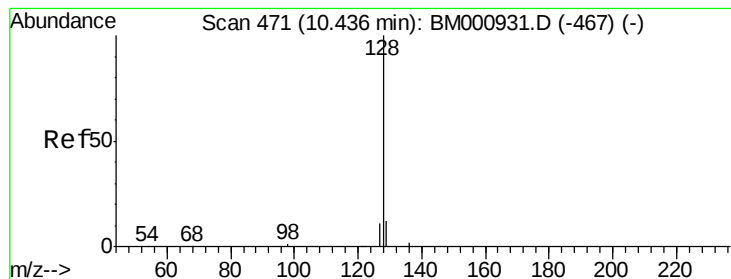
Tgt Ion:122 Resp: 18343
 Ion Ratio Lower Upper
 122 100
 107 107.6 89.8 134.6
 121 57.0 46.6 70.0



#12
 2,4-Dichlorophenol
 Concen: 0.82 ng
 RT: 10.03 min Scan# 456
 Delta R.T. 0.00 min
 Lab File: BM000932.D
 Acq: 09 Apr 2015 21:22

Tgt Ion:162 Resp: 15877
 Ion Ratio Lower Upper
 162 100
 164 54.6 32.5 72.5
 98 50.8 40.5 80.5





#13

Naphthalene

Concen: 0.83 ng

RT: 10.44 min Scan# 471

Delta R.T. 0.00 min

Lab File: BM000932.D

Acq: 09 Apr 2015 21:22

Instrument :

BNA_M

ClientSampleId :

SSTDICC002

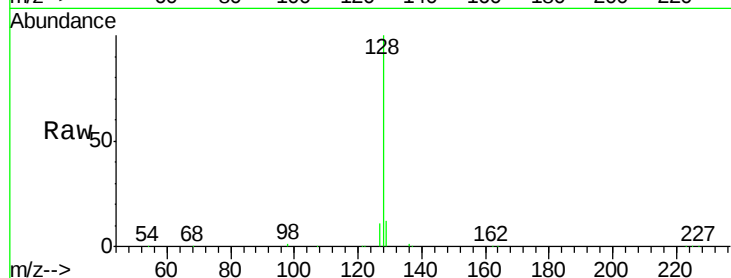
Tgt Ion:128 Resp: 62938

Ion Ratio Lower Upper

128 100

129 12.1 9.8 14.6

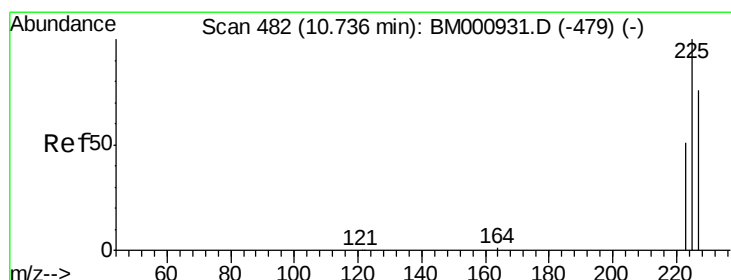
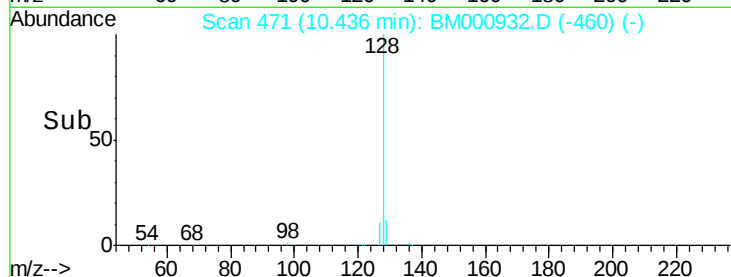
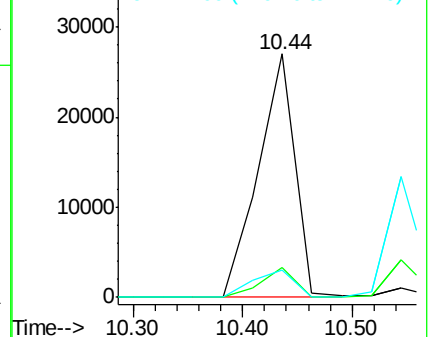
127 11.1 9.1 13.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#14

Hexachlorobutadiene

Concen: 0.81 ng

RT: 10.74 min Scan# 482

Delta R.T. 0.00 min

Lab File: BM000932.D

Acq: 09 Apr 2015 21:22

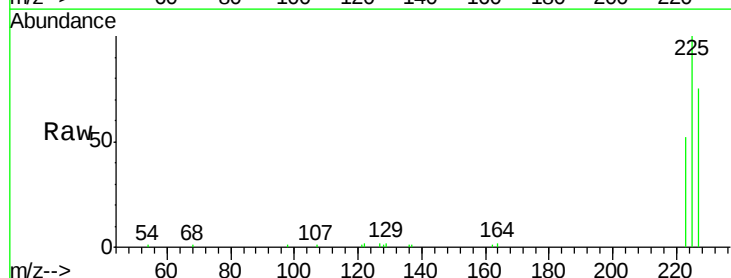
Tgt Ion:225 Resp: 11681

Ion Ratio Lower Upper

225 100

223 51.8 42.2 63.2

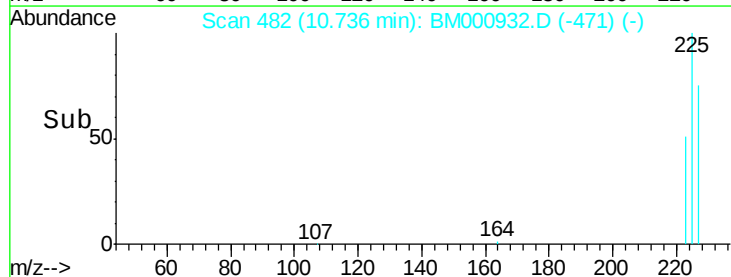
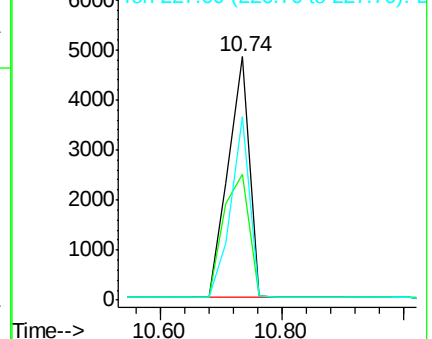
227 75.3 61.4 92.2

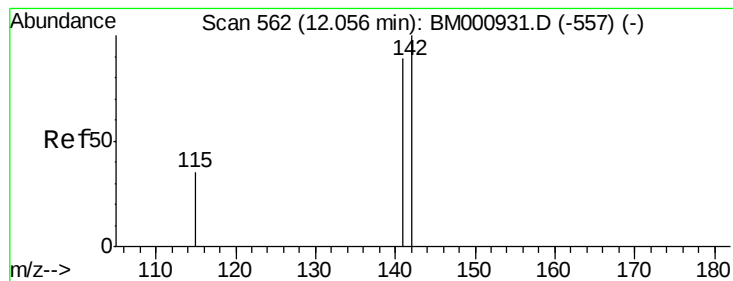


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#15

2-Methylnaphthalene

Concen: 0.86 ng

RT: 12.06 min Scan# 562

Delta R.T. 0.00 min

Lab File: BM000932.D

Acq: 09 Apr 2015 21:22

Instrument :

BNA_M

ClientSampleId :

SSTDICC002

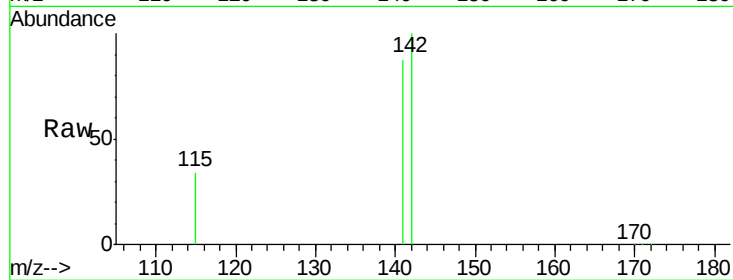
Tgt Ion:142 Resp: 44699

Ion Ratio Lower Upper

142 100

141 87.2 71.2 106.8

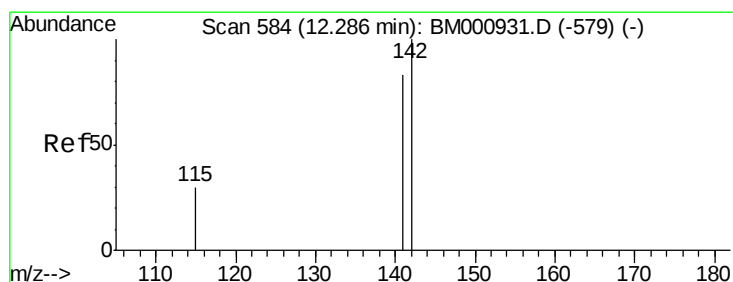
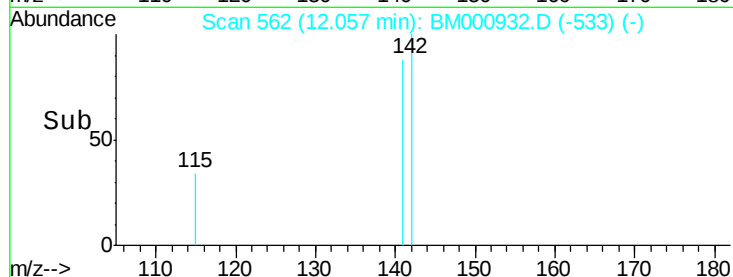
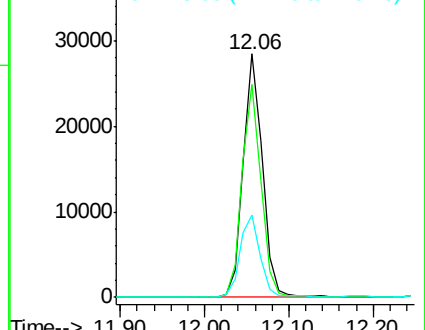
115 34.0 28.3 42.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#16

1-Methylnaphthalene

Concen: 0.87 ng

RT: 12.28 min Scan# 583

Delta R.T. -0.01 min

Lab File: BM000932.D

Acq: 09 Apr 2015 21:22

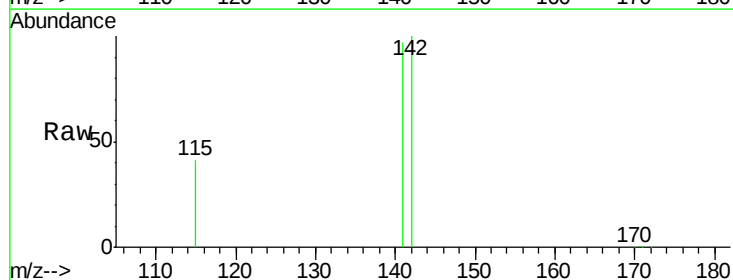
Tgt Ion:142 Resp: 45090

Ion Ratio Lower Upper

142 100

141 97.1 66.7 100.1

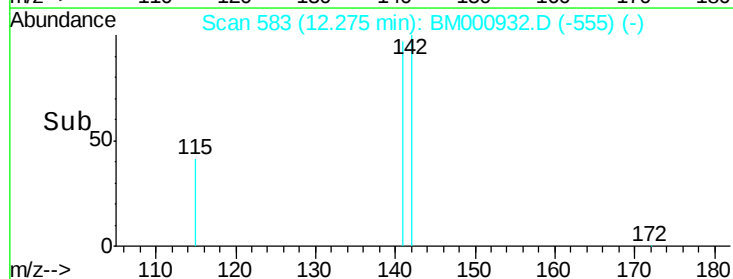
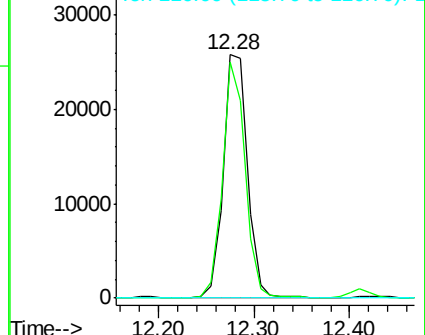
116 0.0 0.0 0.0

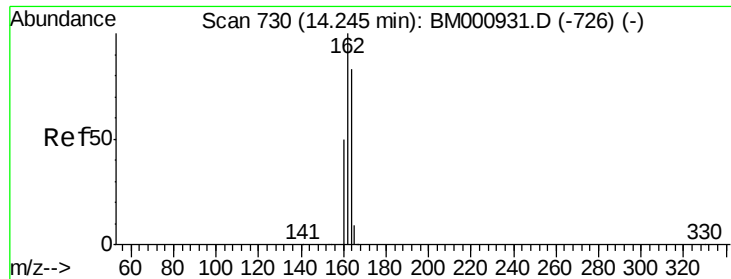


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#17

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.26 min Scan# 731

Delta R.T. 0.01 min

Lab File: BM000932.D

Acq: 09 Apr 2015 21:22

Instrument :

BNA_M

ClientSampleId :

SSTDIC002

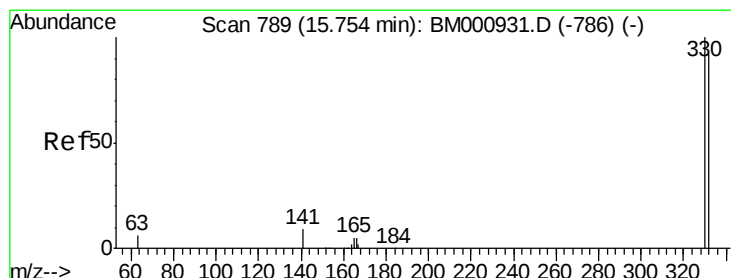
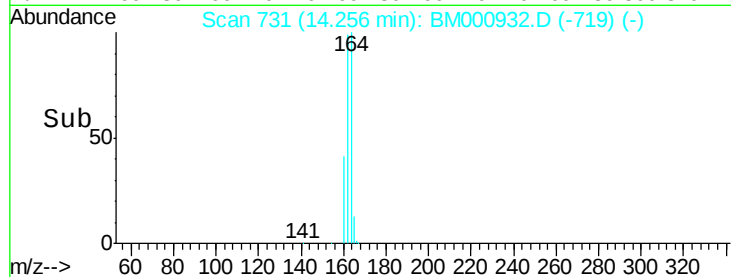
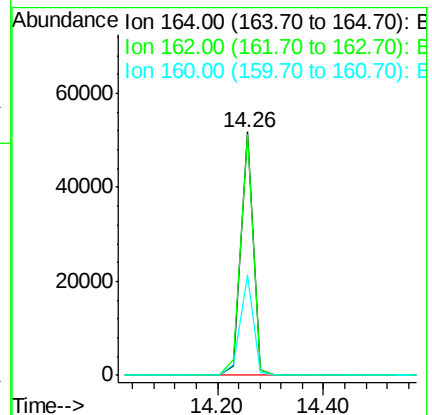
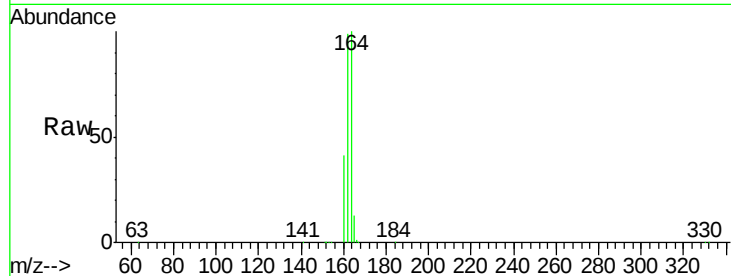
Tgt Ion:164 Resp: 84455

Ion Ratio Lower Upper

164 100

162 98.8 96.1 144.1

160 41.4 48.2 72.2#



#18

2,4,6-Tribromophenol

Concen: 0.61 ng

RT: 15.76 min Scan# 790

Delta R.T. 0.01 min

Lab File: BM000932.D

Acq: 09 Apr 2015 21:22

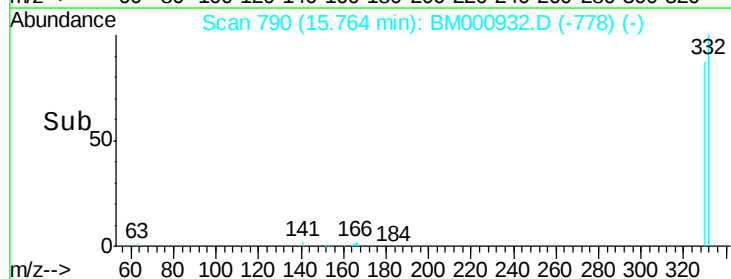
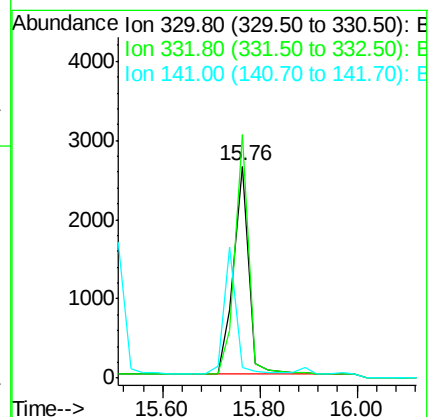
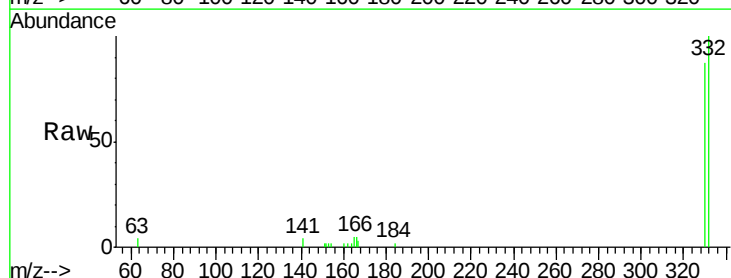
Tgt Ion:330 Resp: 5748

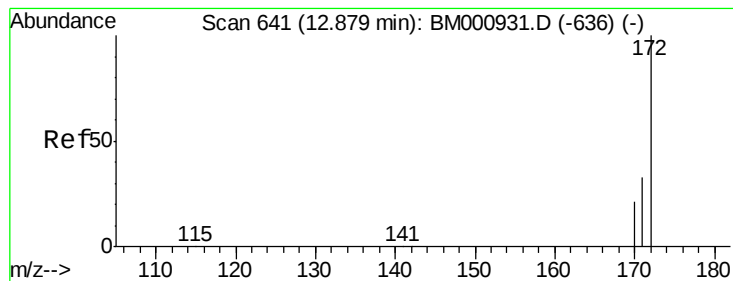
Ion Ratio Lower Upper

330 100

332 103.8 75.4 113.2

141 0.0 0.0 0.0





#19

2-Fluorobiphenyl

Concen: 0.66 ng

RT: 12.88 min Scan# 641

Delta R.T. 0.00 min

Lab File: BM000932.D

Acq: 09 Apr 2015 21:22

Instrument :

BNA_M

ClientSampleId :

SSTDICC002

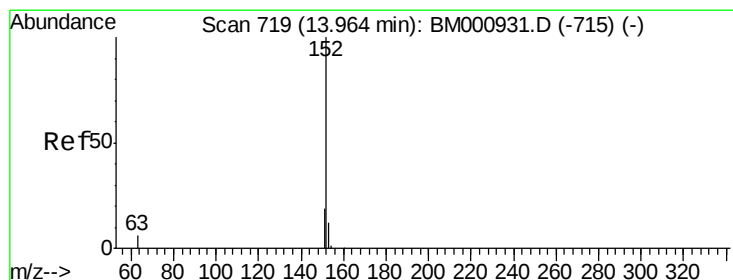
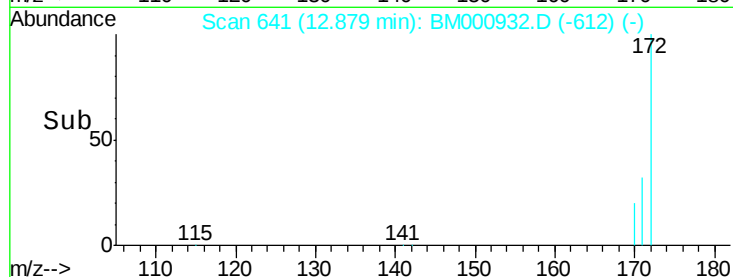
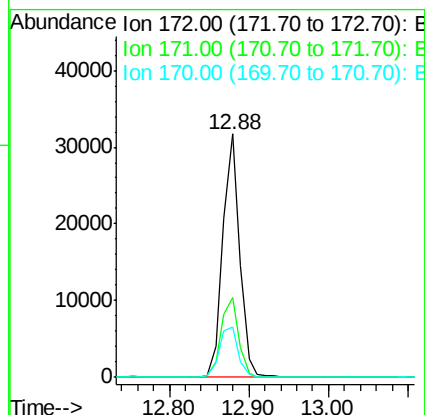
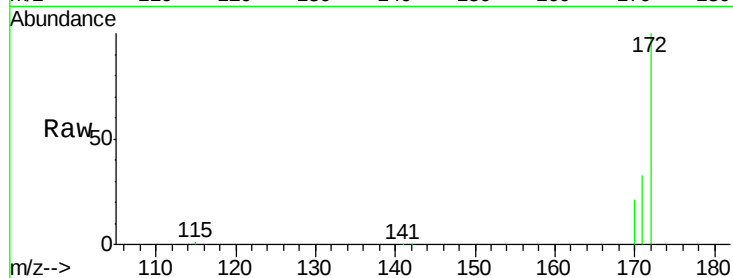
Tgt Ion:172 Resp: 46536

Ion Ratio Lower Upper

172 100

171 32.6 26.7 40.1

170 20.5 17.0 25.4



#20

Acenaphthylene

Concen: 0.59 ng

RT: 13.97 min Scan# 720

Delta R.T. 0.01 min

Lab File: BM000932.D

Acq: 09 Apr 2015 21:22

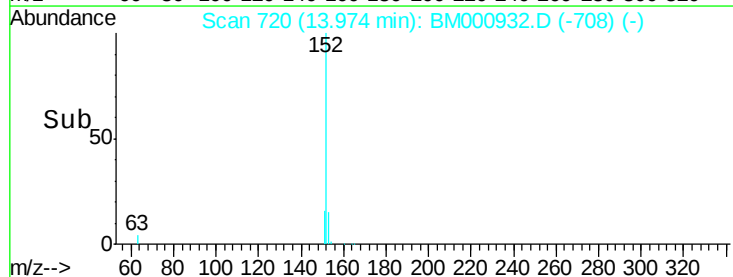
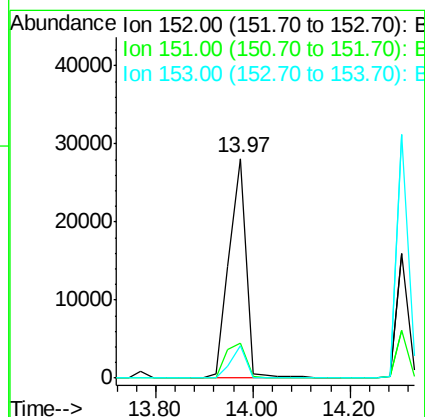
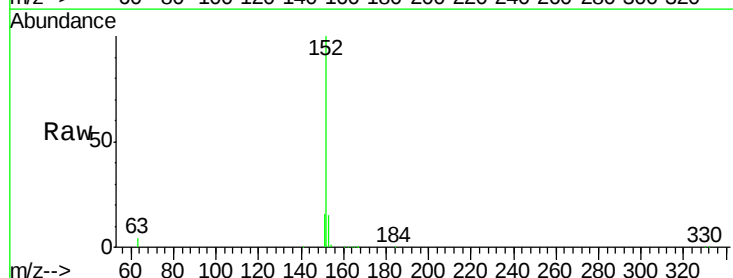
Tgt Ion:152 Resp: 67685

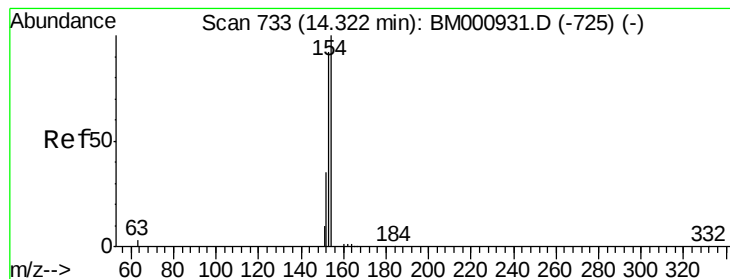
Ion Ratio Lower Upper

152 100

151 15.8 15.4 23.0

153 14.7 10.2 15.2





#21

Acenaphthene

Concen: 0.71 ng

RT: 14.31 min Scan# 733

Delta R.T. -0.02 min

Lab File: BM000932.D

Acq: 09 Apr 2015 21:22

Instrument :

BNA_M

ClientSampleId :

SSTDICC002

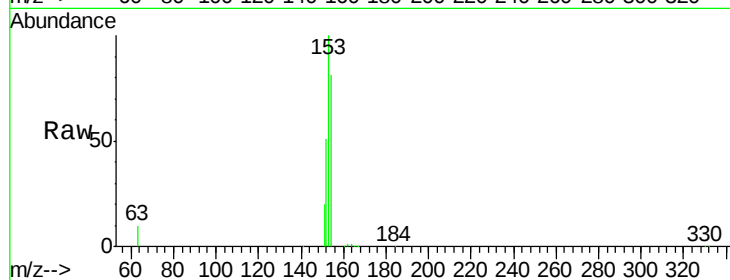
Tgt Ion:154 Resp: 46085

Ion Ratio Lower Upper

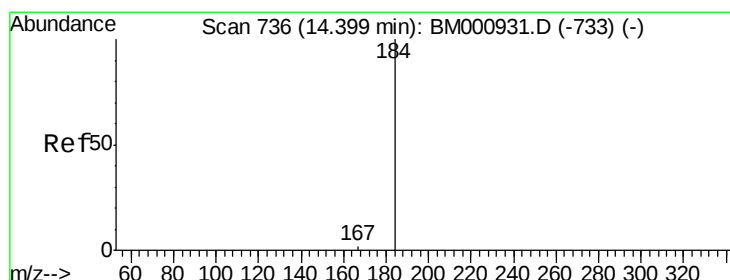
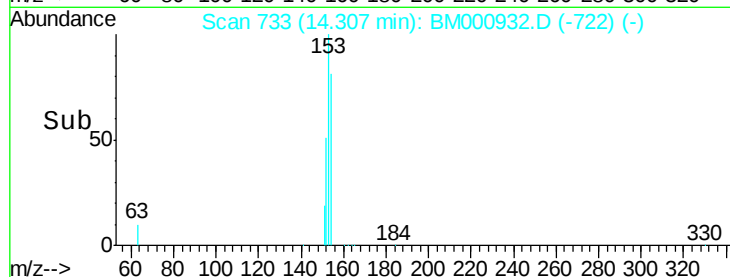
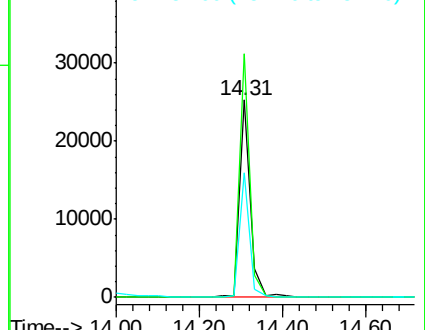
154 100

153 123.5 73.7 110.5#

152 63.5 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: 1.20 ng

RT: 14.38 min Scan# 736

Delta R.T. -0.02 min

Lab File: BM000932.D

Acq: 09 Apr 2015 21:22

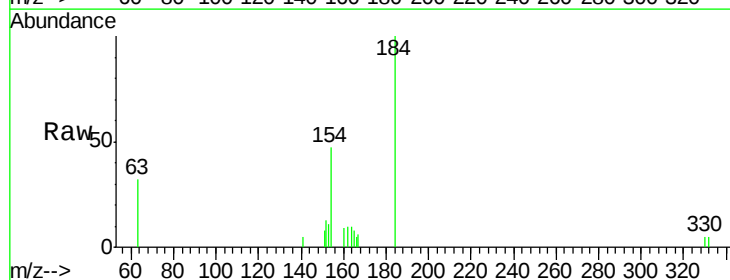
Tgt Ion:184 Resp: 2066

Ion Ratio Lower Upper

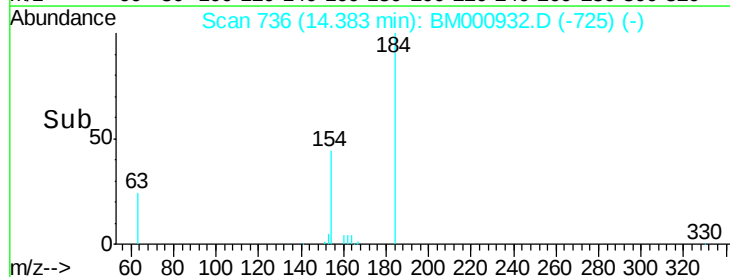
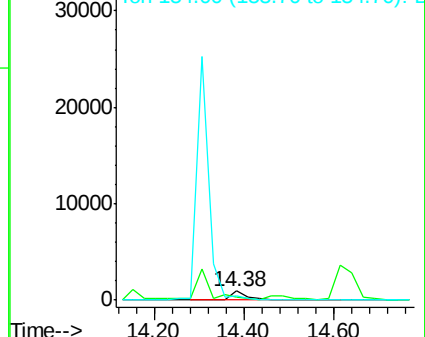
184 100

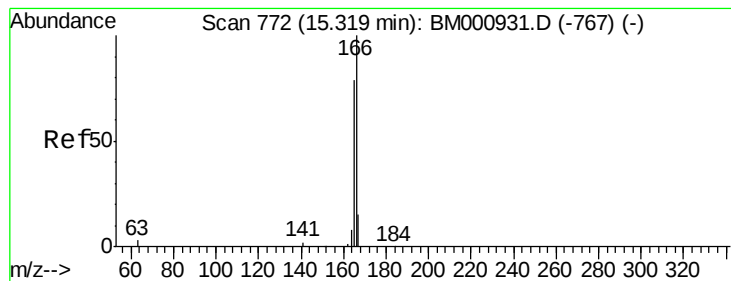
63 31.6 39.0 58.4#

154 46.8 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: 0.81 ng

RT: 15.30 min Scan# 772

Delta R.T. -0.02 min

Lab File: BM000932.D

Acq: 09 Apr 2015 21:22

Instrument :

BNA_M

ClientSampleId :

SSTDICC002

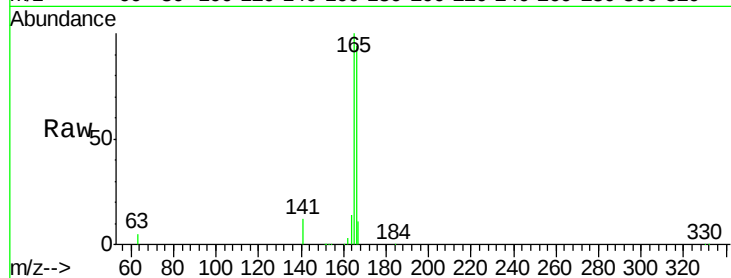
Tgt Ion:166 Resp: 58669

Ion Ratio Lower Upper

166 100

165 106.2 63.7 95.5#

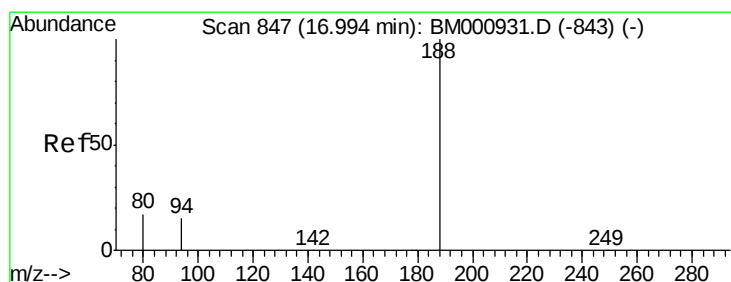
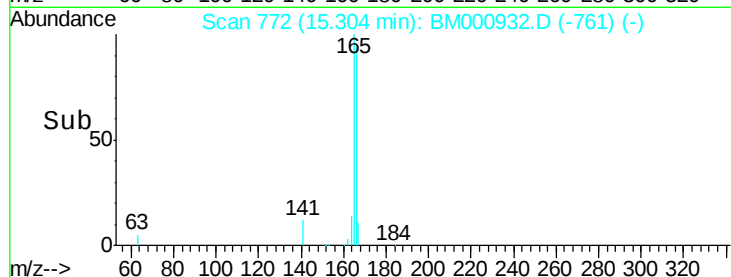
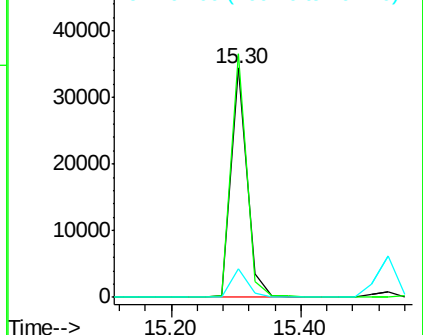
167 12.2 12.7 19.1#



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: BM000932.D

Acq: 09 Apr 2015 21:22

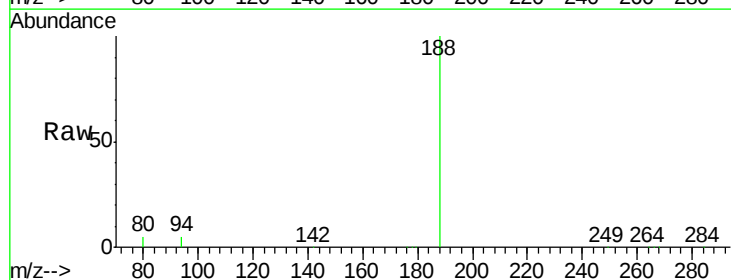
Tgt Ion:188 Resp: 166516

Ion Ratio Lower Upper

188 100

94 5.4 12.2 18.4#

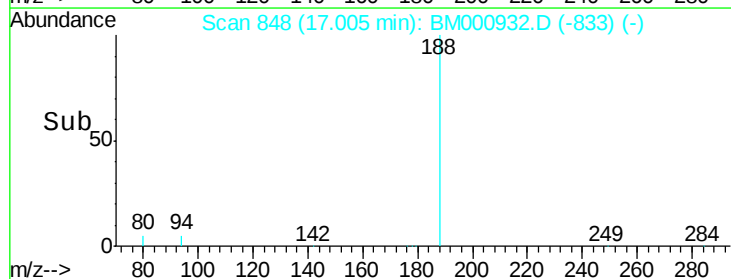
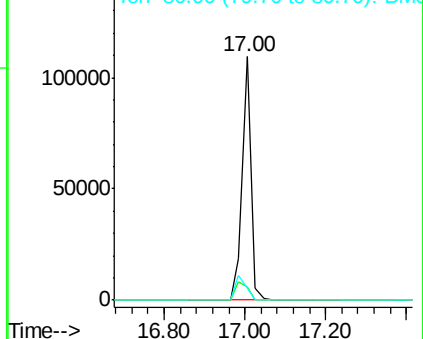
80 4.9 13.4 20.0#

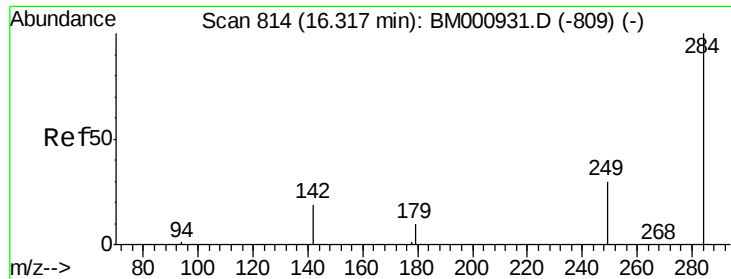


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM

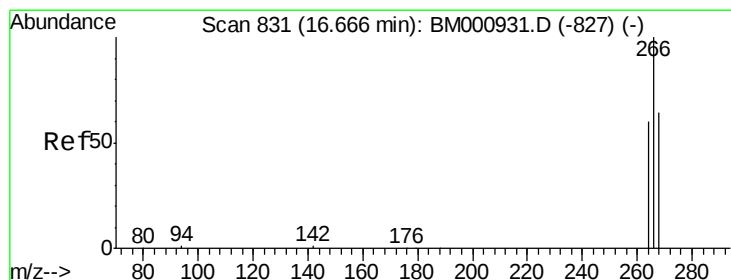
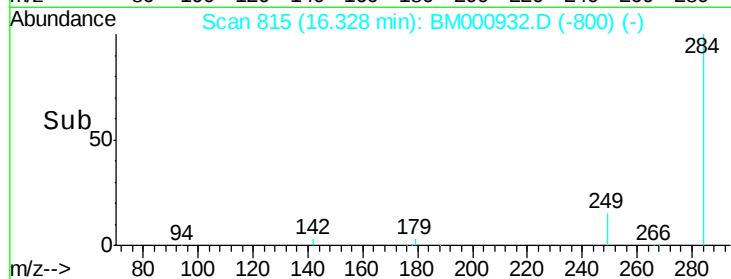
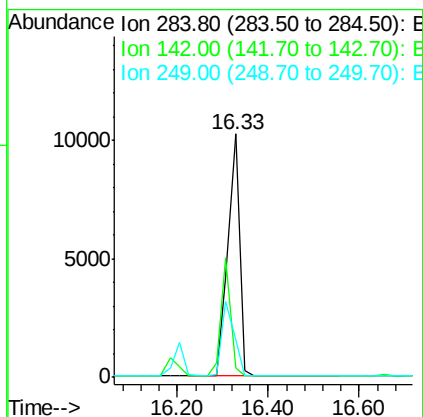
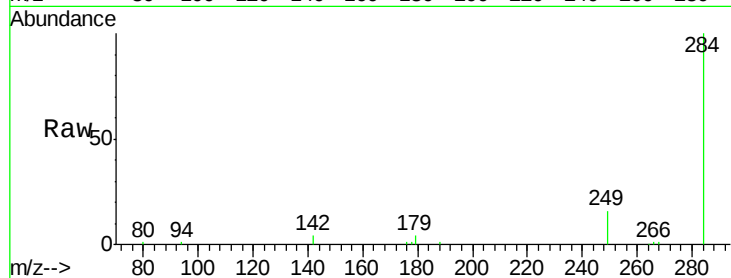




#25
Hexachlorobenzene
Concen: 0.73 ng
RT: 16.33 min Scan# 815
Delta R.T. 0.01 min
Lab File: BM000932.D
Acq: 09 Apr 2015 21:22

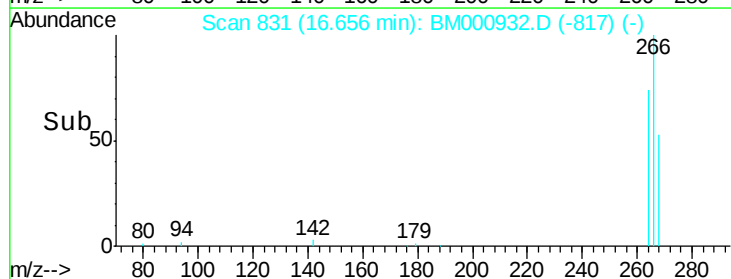
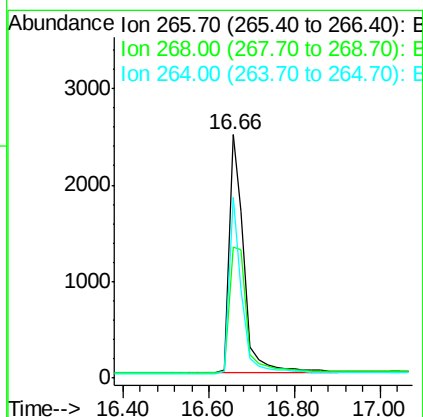
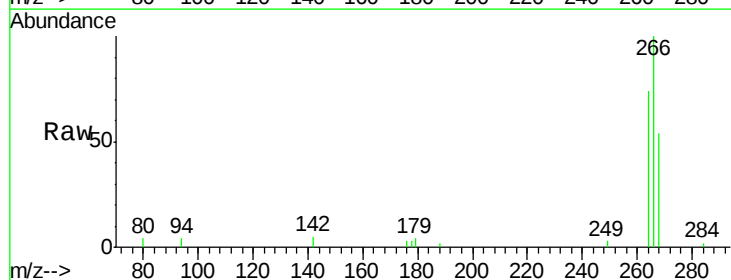
Instrument :
BNA_M
ClientSampleId :
SSTDIC002

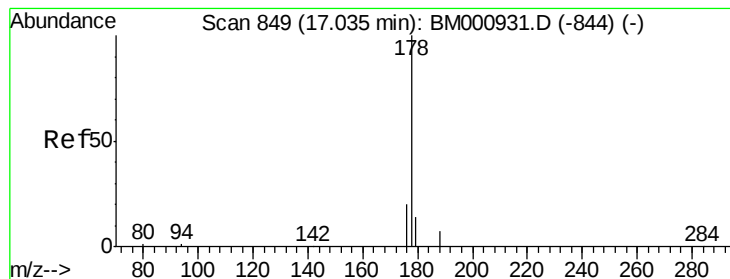
Tgt Ion: 284 Resp: 18152
Ion Ratio Lower Upper
284 100
142 3.9 16.2 24.2#
249 15.5 27.4 41.2#



#26
Pentachlorophenol
Concen: 0.84 ng
RT: 16.66 min Scan# 831
Delta R.T. -0.01 min
Lab File: BM000932.D
Acq: 09 Apr 2015 21:22

Tgt Ion: 266 Resp: 6057
Ion Ratio Lower Upper
266 100
268 53.7 53.0 79.4
264 74.4 49.4 74.0#





#27

Phenanthrene

Concen: 0.76 ng

RT: 17.05 min Scan# 850

Delta R.T. 0.01 min

Lab File: BM000932.D

Acq: 09 Apr 2015 21:22

Instrument :

BNA_M

ClientSampleId :

SSTDICC002

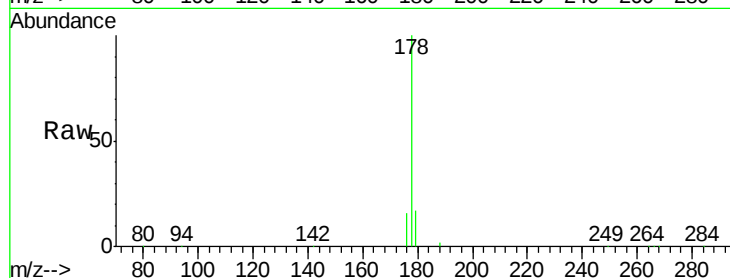
Tgt Ion:178 Resp: 87182

Ion Ratio Lower Upper

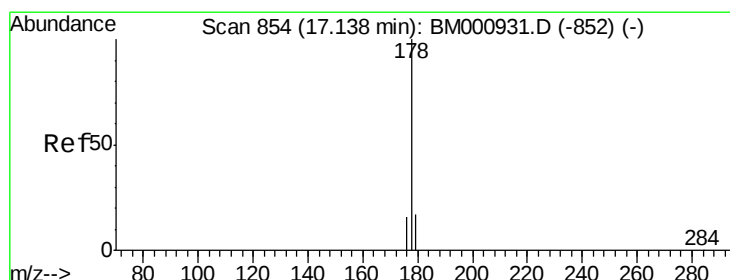
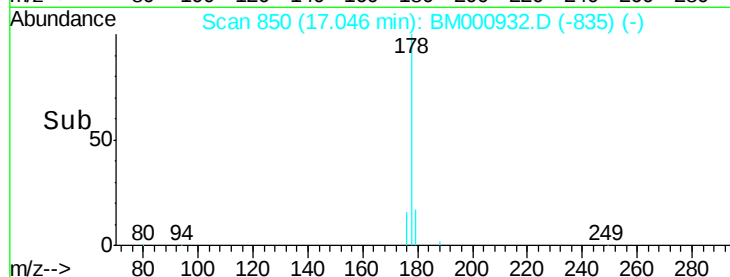
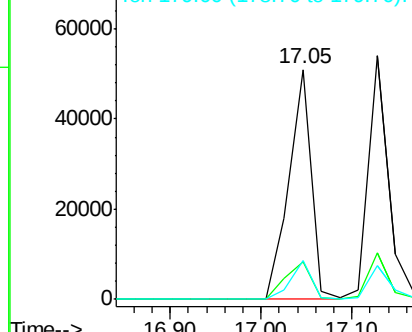
178 100

176 16.1 16.0 24.0

179 17.0 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: 0.86 ng

RT: 17.13 min Scan# 854

Delta R.T. -0.01 min

Lab File: BM000932.D

Acq: 09 Apr 2015 21:22

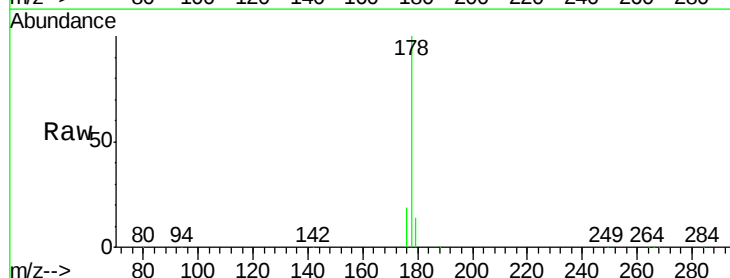
Tgt Ion:178 Resp: 84651

Ion Ratio Lower Upper

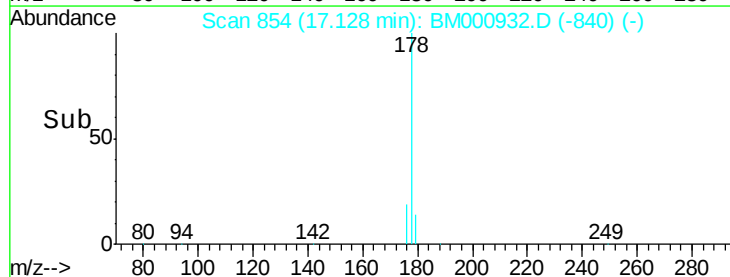
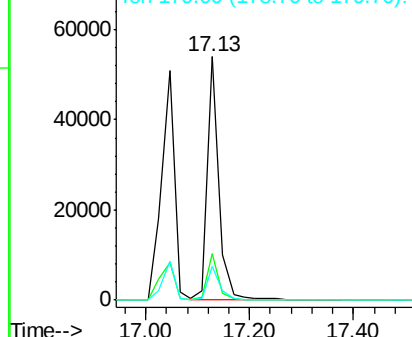
178 100

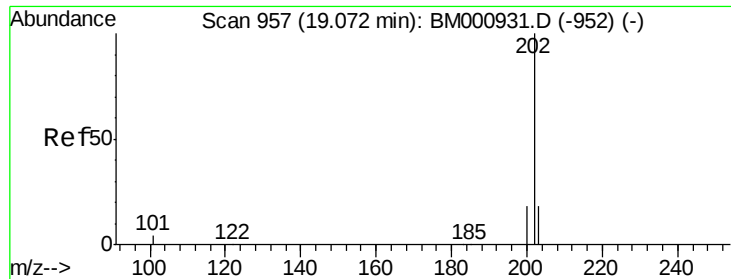
176 19.1 12.7 19.1

179 14.0 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

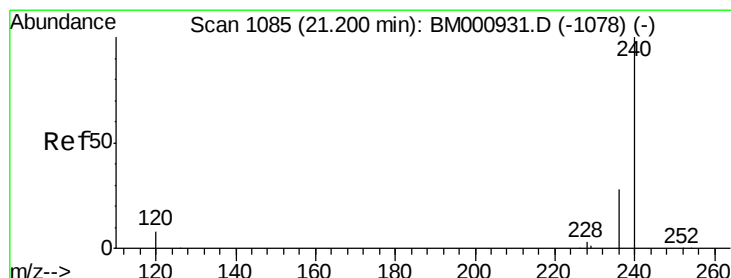
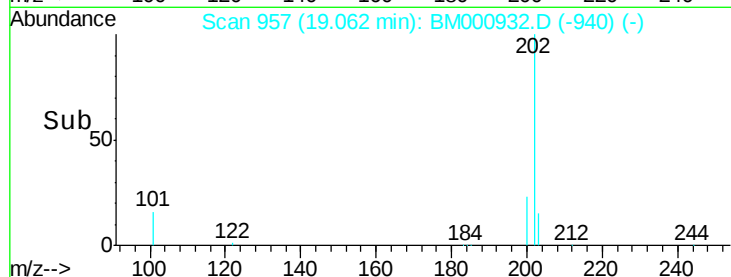
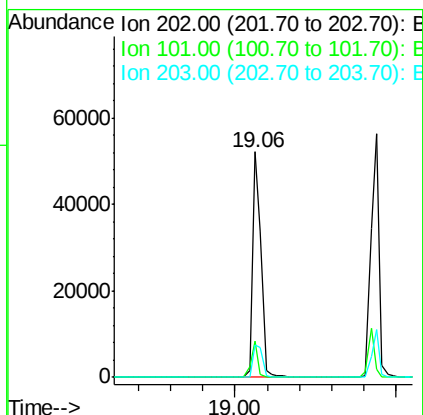
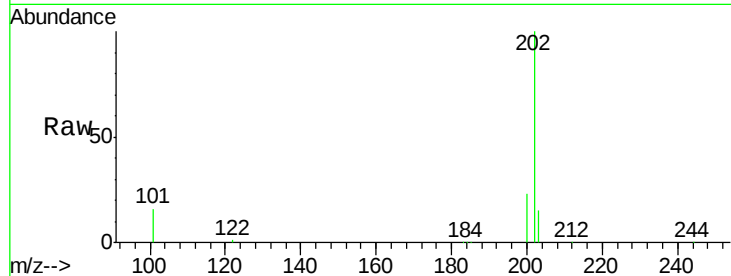




#29
Fluoranthene
 Concen: 0.80 ng
 RT: 19.06 min Scan# 957
 Delta R.T. -0.01 min
 Lab File: BM000932.D
 Acq: 09 Apr 2015 21:22

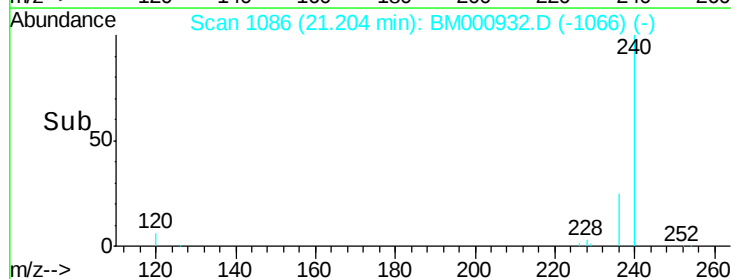
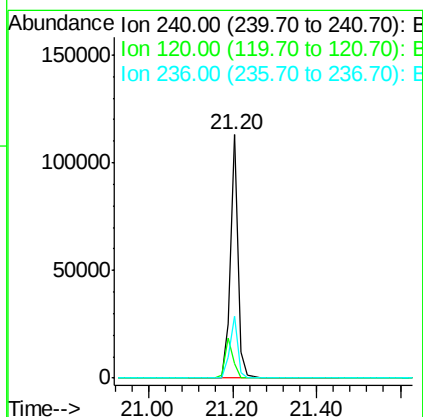
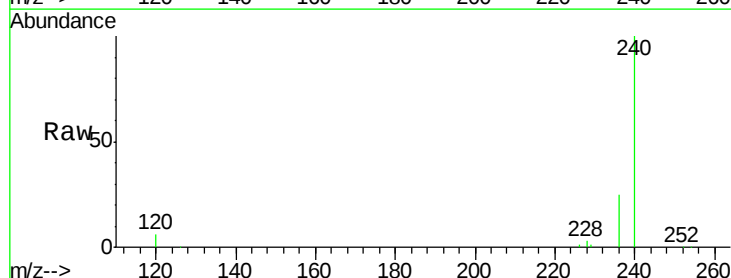
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC002

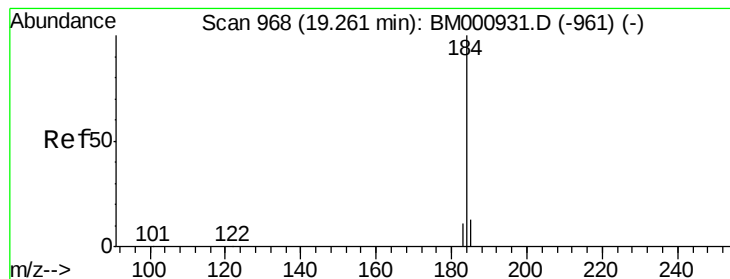
Tgt Ion: 202 Resp: 93600
 Ion Ratio Lower Upper
 202 100
 101 15.9 0.0 24.1
 203 14.6 0.0 38.4



#30
Chrysene-d12
 Concen: 5.00 ng
 RT: 21.20 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: BM000932.D
 Acq: 09 Apr 2015 21:22

Tgt Ion: 240 Resp: 143158
 Ion Ratio Lower Upper
 240 100
 120 5.9 6.8 10.2#
 236 25.4 22.1 33.1





#31

Benzidine

Concen: 1.06 ng

RT: 19.27 min Scan# 969

Delta R.T. 0.01 min

Lab File: BM000932.D

Acq: 09 Apr 2015 21:22

Instrument :

BNA_M

ClientSampleId :

SSTDICC002

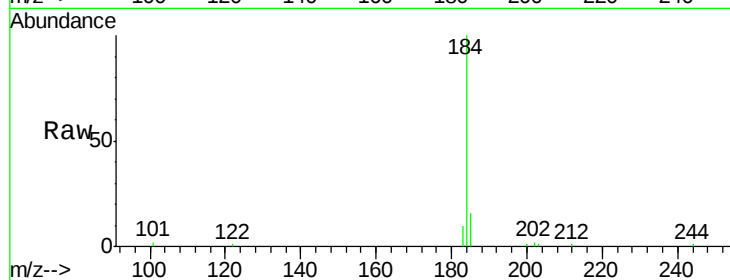
Tgt Ion:184 Resp: 17890

Ion Ratio Lower Upper

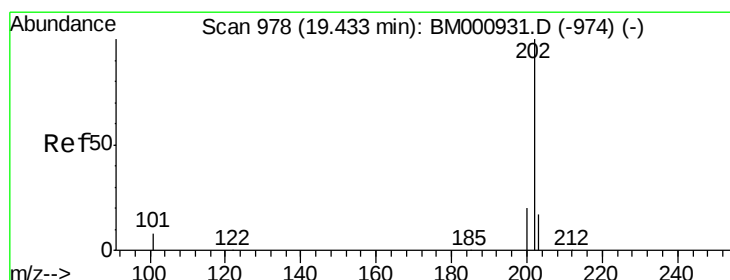
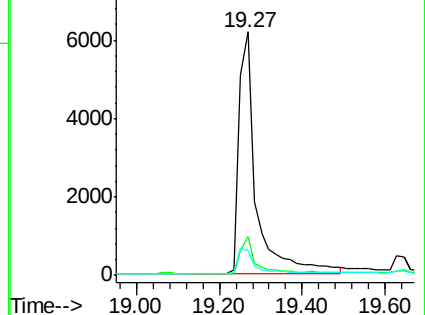
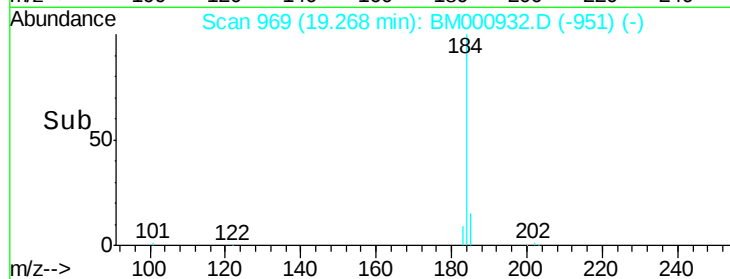
184 100

185 16.1 12.2 18.4

183 10.2 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: 0.82 ng

RT: 19.44 min Scan# 979

Delta R.T. 0.01 min

Lab File: BM000932.D

Acq: 09 Apr 2015 21:22

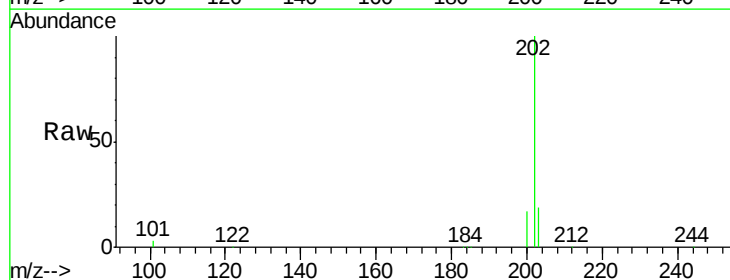
Tgt Ion:202 Resp: 97806

Ion Ratio Lower Upper

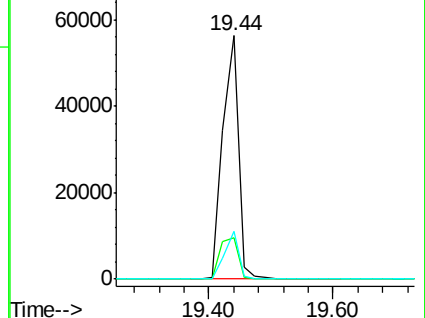
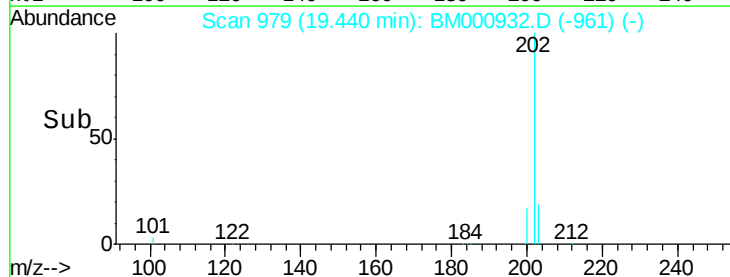
202 100

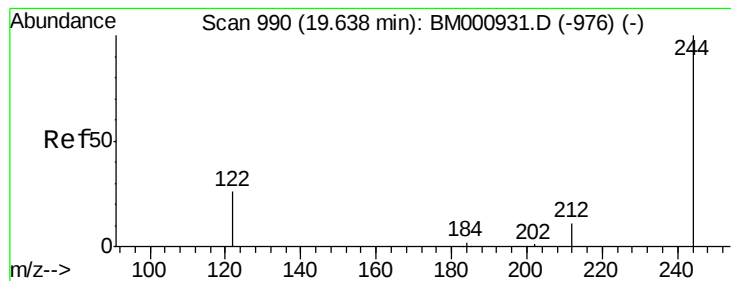
200 17.2 16.2 24.4

203 19.4 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: 0.89 ng

RT: 19.65 min Scan# 991

Delta R.T. 0.01 min

Lab File: BM000932.D

Acq: 09 Apr 2015 21:22

Instrument :

BNA_M

ClientSampleId :

SSTDICC002

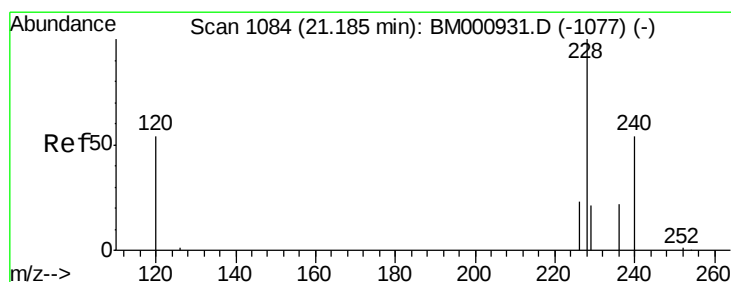
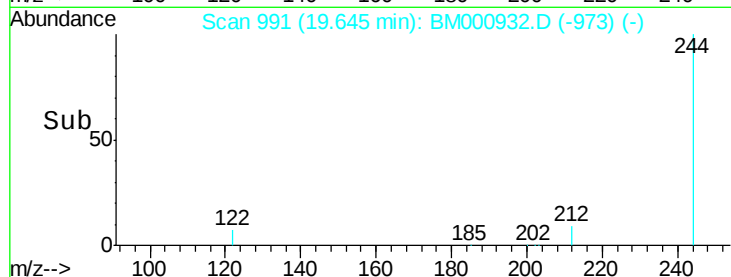
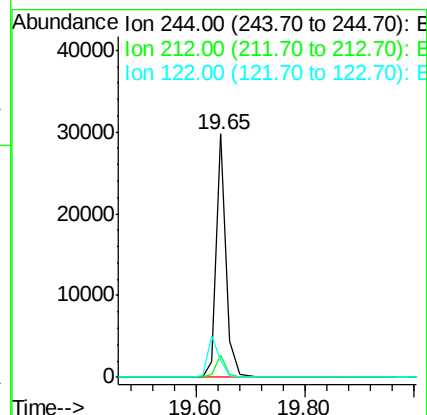
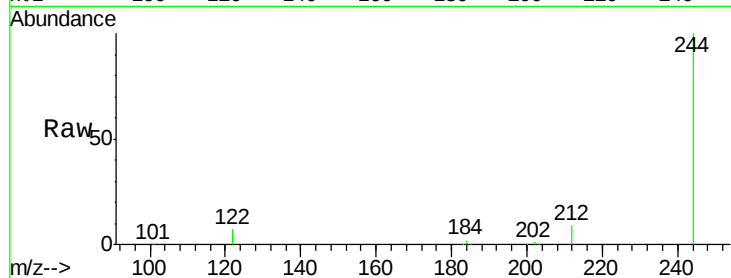
Tgt Ion:244 Resp: 37898

Ion Ratio Lower Upper

244 100

212 9.4 9.4 14.0

122 7.0 20.9 31.3#



#34

Benzo(a)anthracene

Concen: 0.88 ng

RT: 21.19 min Scan# 1085

Delta R.T. 0.00 min

Lab File: BM000932.D

Acq: 09 Apr 2015 21:22

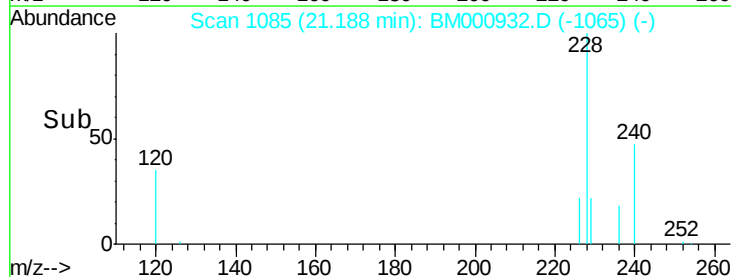
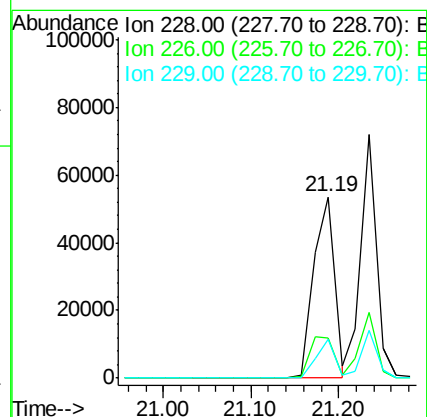
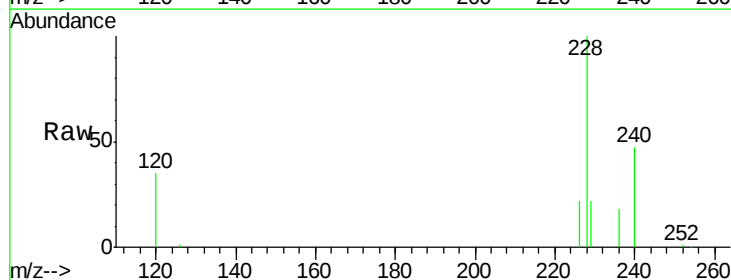
Tgt Ion:228 Resp: 88367

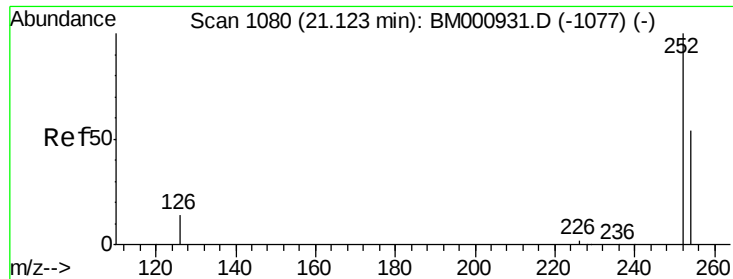
Ion Ratio Lower Upper

228 100

226 22.4 18.9 28.3

229 21.7 16.8 25.2

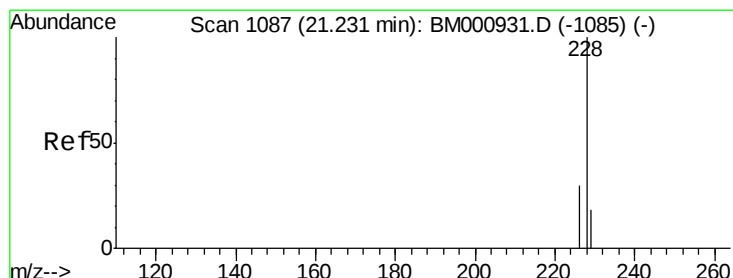
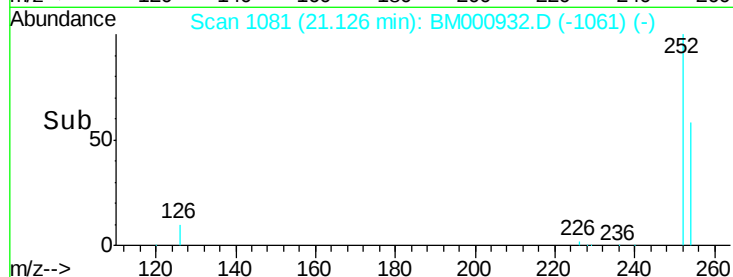
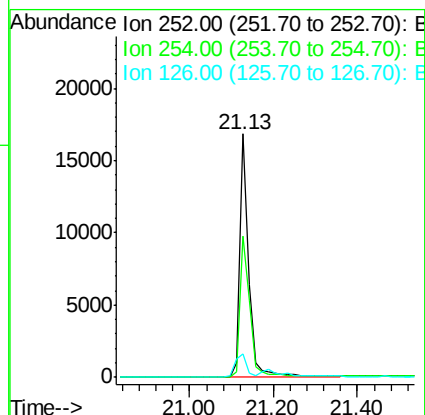
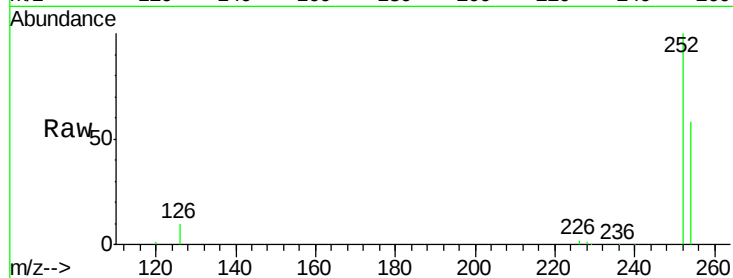




#35
 3,3'-Dichlorobenzidine
 Concen: 1.01 ng
 RT: 21.13 min Scan# 1081
 Delta R.T. 0.00 min
 Lab File: BM000932.D
 Acq: 09 Apr 2015 21:22

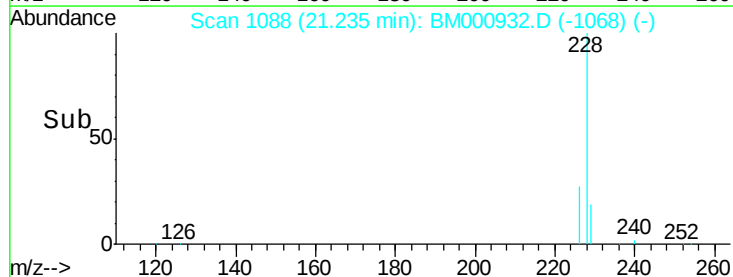
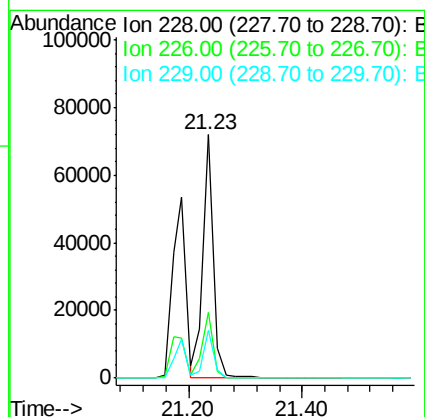
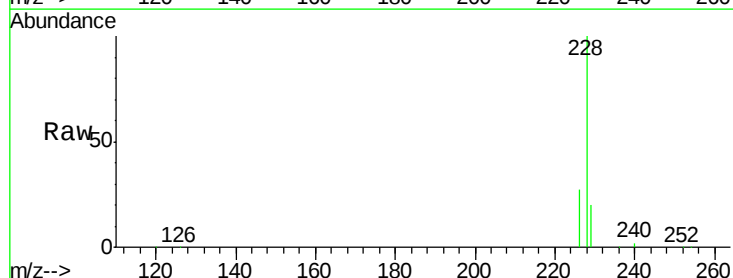
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC002

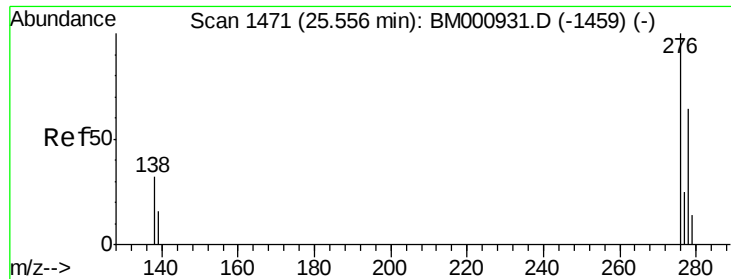
Tgt Ion: 252 Resp: 24815
 Ion Ratio Lower Upper
 252 100
 254 57.8 43.4 65.2
 126 9.9 12.3 18.5#



#36
 Chrysene
 Concen: 0.85 ng
 RT: 21.23 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: BM000932.D
 Acq: 09 Apr 2015 21:22

Tgt Ion: 228 Resp: 90817
 Ion Ratio Lower Upper
 228 100
 226 27.2 23.4 35.2
 229 19.5 15.0 22.6

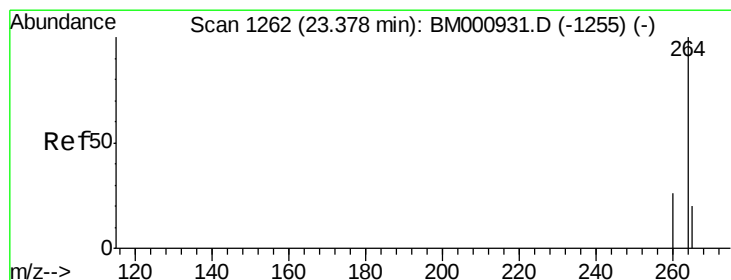
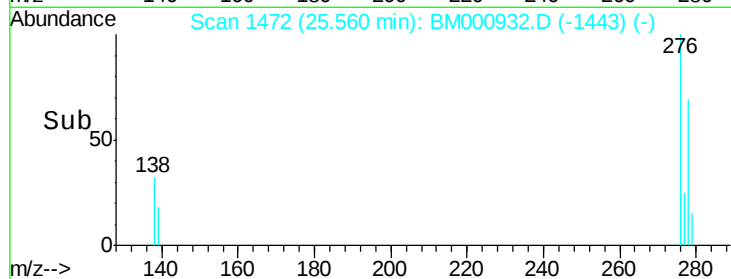
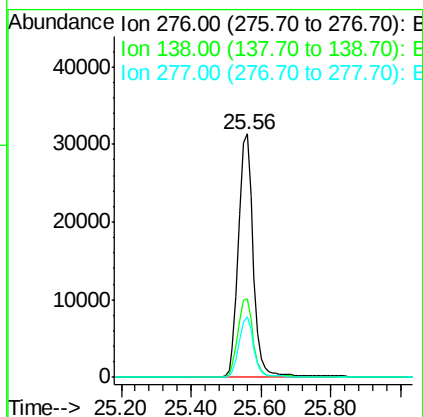
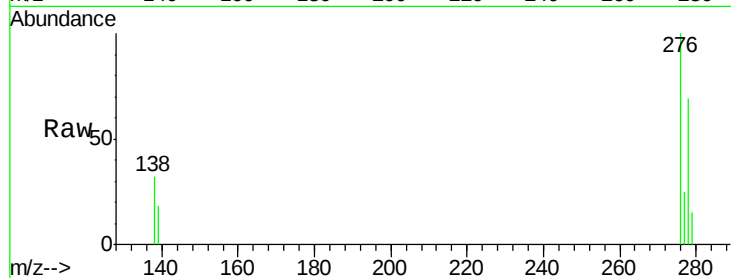




#37
 Indeno(1,2,3-cd)pyrene
 Concen: 0.86 ng
 RT: 25.56 min Scan# 1472
 Delta R.T. 0.00 min
 Lab File: BM000932.D
 Acq: 09 Apr 2015 21:22

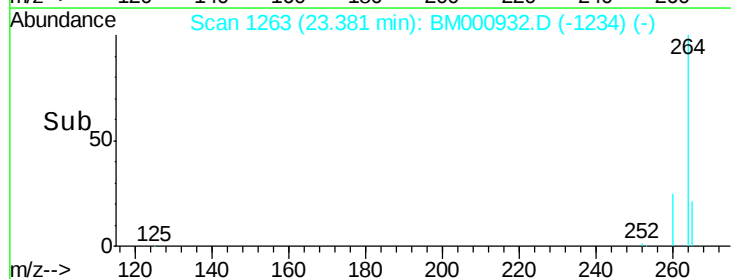
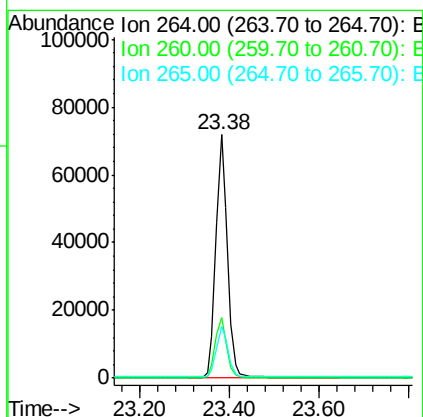
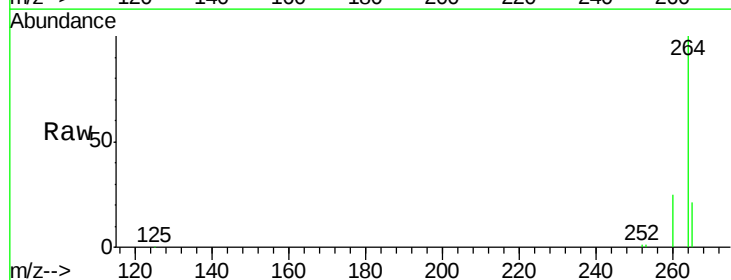
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC002

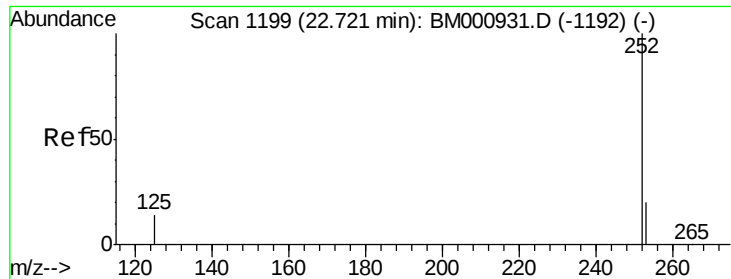
Tgt Ion: 276 Resp: 92510
 Ion Ratio Lower Upper
 276 100
 138 33.1 26.6 40.0
 277 24.6 19.8 29.6



#38
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.38 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: BM000932.D
 Acq: 09 Apr 2015 21:22

Tgt Ion: 264 Resp: 129698
 Ion Ratio Lower Upper
 264 100
 260 25.1 20.6 30.8
 265 21.4 16.4 24.6





#39

Benzo(b)fluoranthene

Concen: 0.89 ng

RT: 22.72 min Scan# 1200

Delta R.T. 0.00 min

Lab File: BM000932.D

Acq: 09 Apr 2015 21:22

Instrument :

BNA_M

ClientSampleId :

SSTDIC002

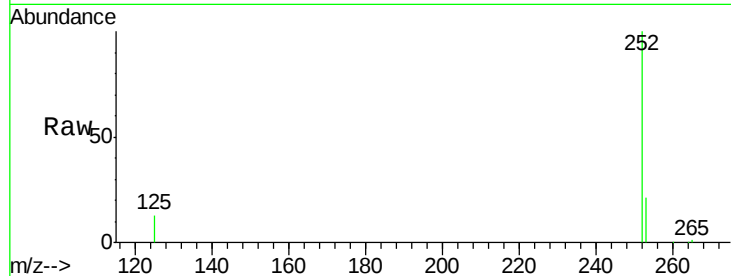
Tgt Ion:252 Resp: 85289

Ion Ratio Lower Upper

252 100

253 21.0 16.9 25.3

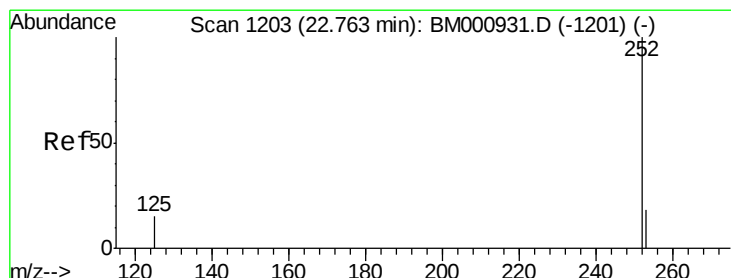
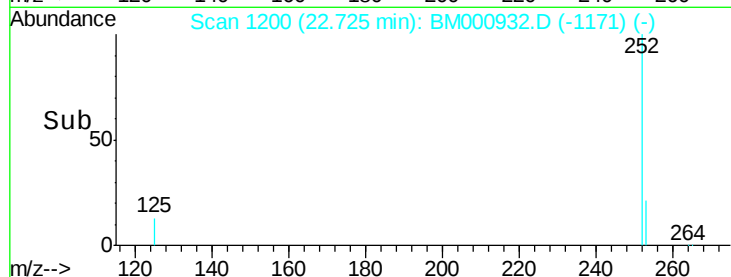
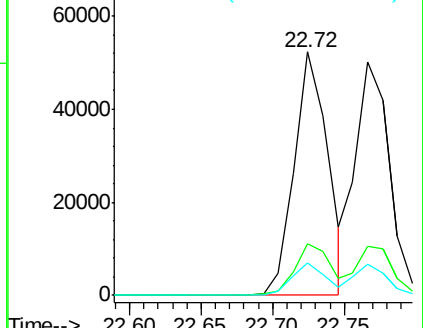
125 13.5 11.3 16.9



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: 0.86 ng

RT: 22.77 min Scan# 1204

Delta R.T. 0.00 min

Lab File: BM000932.D

Acq: 09 Apr 2015 21:22

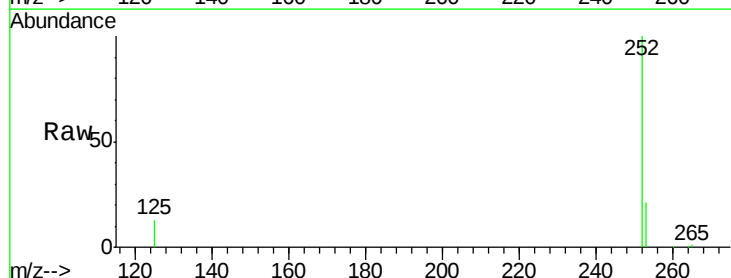
Tgt Ion:252 Resp: 84931

Ion Ratio Lower Upper

252 100

253 20.9 16.9 25.3

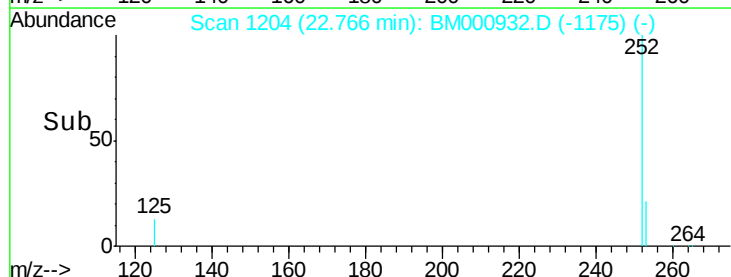
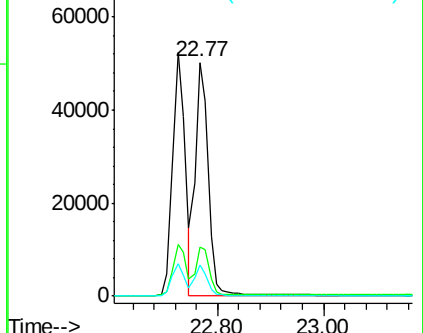
125 13.4 11.2 16.8

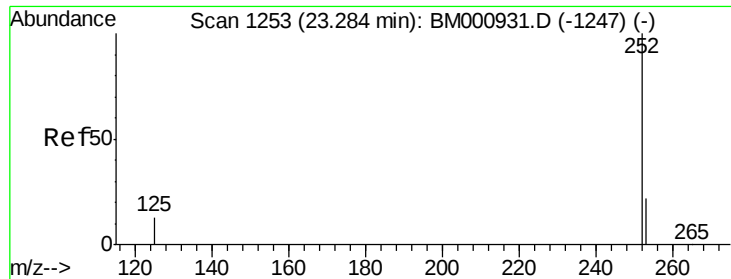


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#41

Benzo(a)pyrene

Concen: 0.87 ng

RT: 23.29 min Scan# 1254

Delta R.T. 0.00 min

Lab File: BM000932.D

Acq: 09 Apr 2015 21:22

Instrument :

BNA_M

ClientSampleId :

SSTDICC002

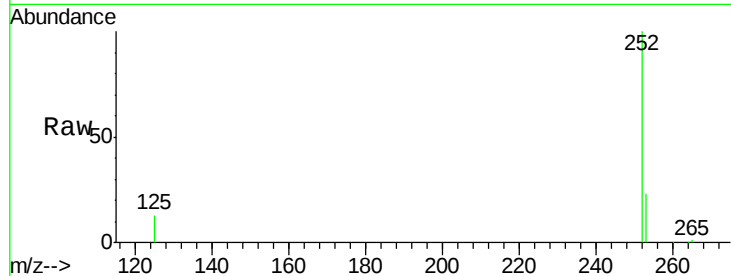
Tgt Ion:252 Resp: 76174

Ion Ratio Lower Upper

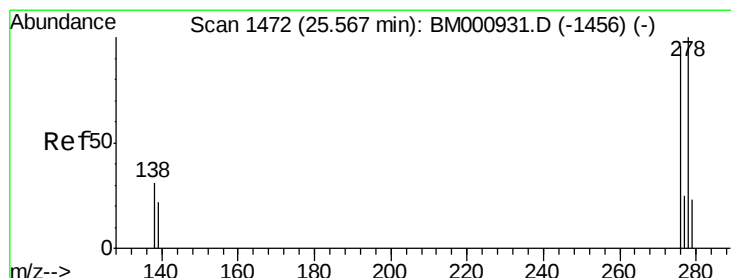
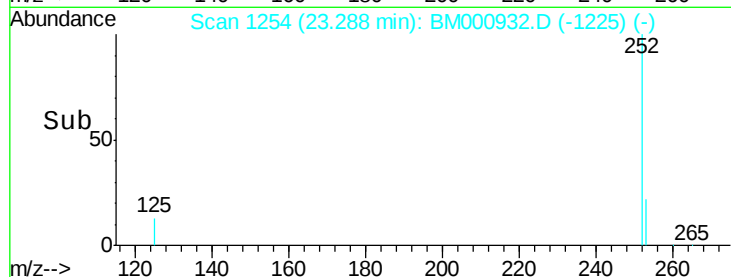
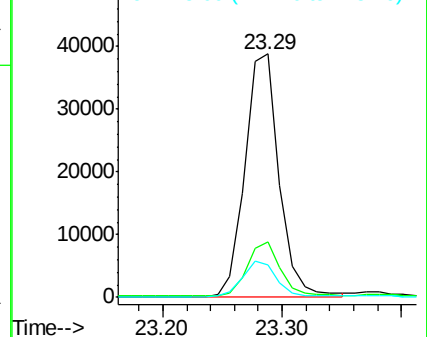
252 100

253 22.9 19.0 28.4

125 13.4 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: 0.87 ng

RT: 25.57 min Scan# 1473

Delta R.T. 0.00 min

Lab File: BM000932.D

Acq: 09 Apr 2015 21:22

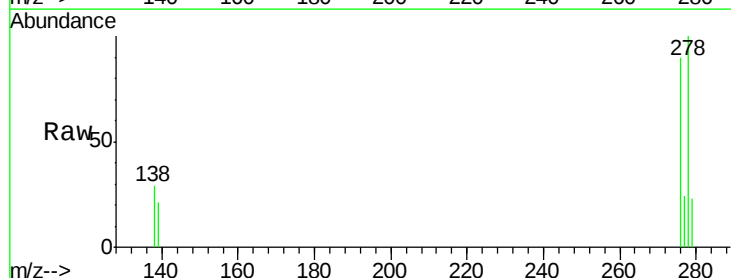
Tgt Ion:278 Resp: 71588

Ion Ratio Lower Upper

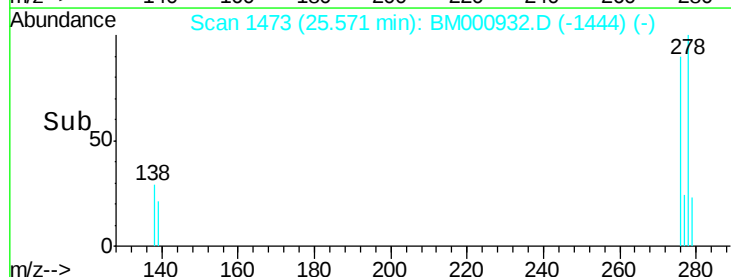
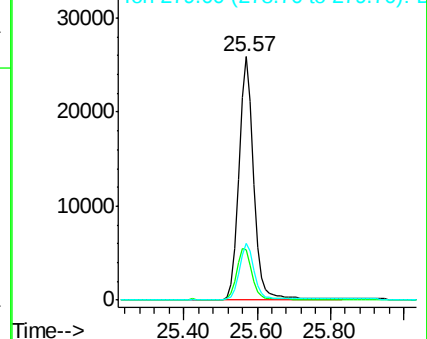
278 100

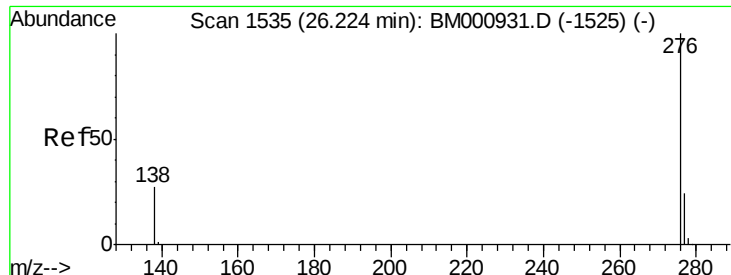
139 20.8 17.8 26.8

279 23.3 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: 0.85 ng

RT: 26.22 min Scan# 1535

Delta R.T. -0.01 min

Lab File: BM000932.D

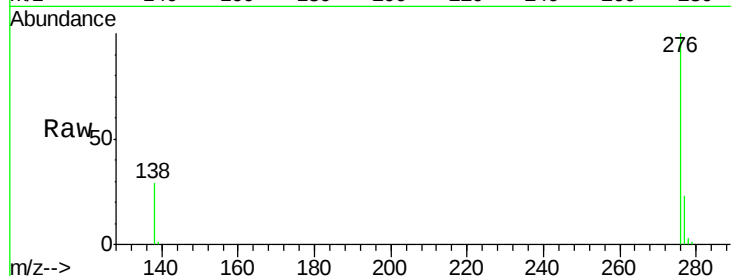
Acq: 09 Apr 2015 21:22

Instrument :

BNA_M

ClientSampleId :

SSTDICC002



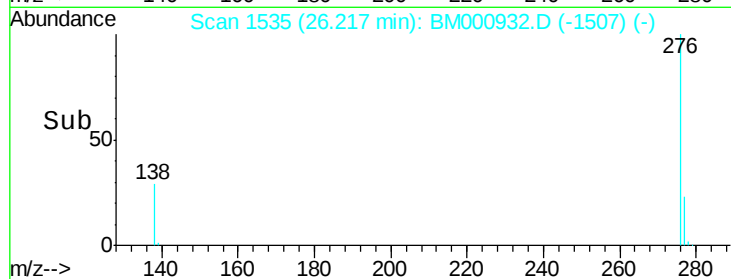
Tgt Ion: 276 Resp: 77646

Ion Ratio Lower Upper

276 100

277 22.9 19.4 29.0

138 29.1 21.7 32.5



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

