

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040315\
 Data File : BM000818.D
 Acq On : 02 Apr 2015 22:08
 Operator : TP/IZ
 Sample : SSTDICC010
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC010

Quant Time: Apr 03 18:19:31 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SIM-BM040315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 03 17:58:44 2015
 Response via : Initial Calibration

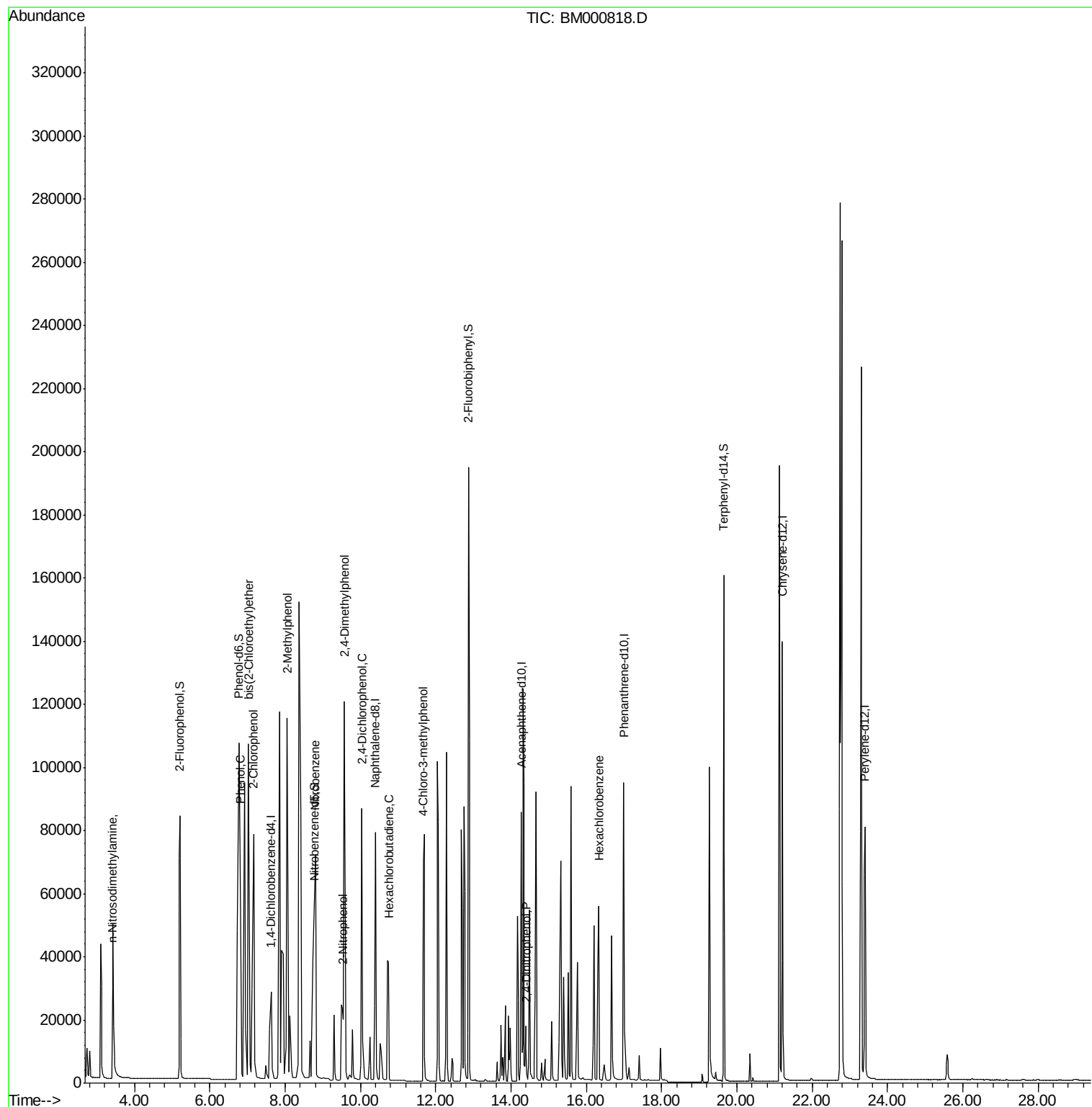
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	25888	5.00	ng	0.00
11) Naphthalene-d8	10.39	136	128297	5.00	ng	0.00
19) Acenaphthene-d10	14.28	164	64587	5.00	ng	0.00
26) Phenanthrene-d10	17.00	188	128358	5.00	ng	0.00
30) Chrysene-d12	21.21	240	122731	5.00	ng	0.00
34) Perylene-d12	23.40	264	109730	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	81561	11.44	ng	0.00
5) Phenol-d6	6.77	99	140222	14.10	ng	0.00
12) Nitrobenzene-d5	8.77	82	65011	10.86	ng	0.00
20) 2,4,6-Tribromophenol	0.00	330	0d	0.00	ng	0.00
23) 2-Fluorobiphenyl	12.87	172	205272	10.32	ng	0.00
32) Terphenyl-d14	19.65	244	159704	10.81	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.41	42	42069	12.79	ng	Qvalue # 8
6) 2-Chlorophenol	7.17	128	91330	12.92	ng	85
7) Phenol	6.81	94	127072	11.90	ng	87
8) bis(2-Chloroethyl)ether	7.02	93	95741	12.89	ng	# 71
9) 2-Methylphenol	8.06	107	94686	12.43	ng	# 91
13) Nitrobenzene	8.80	77	78847	11.28	ng	# 65
14) 2-Nitrophenol	9.52	139	40105	12.57	ng	# 80
15) 2,4-Dimethylphenol	9.58	122	88027	12.11	ng	94
16) 2,4-Dichlorophenol	10.04	162	86609	13.44	ng	91
17) Hexachlorobutadiene	10.75	225	51861	10.46	ng	99
18) 4-Chloro-3-methylphenol	11.67	107	81159	12.60	ng	# 80
24) 2,4-Dinitrophenol	14.40	184	13705	21.28	ng	# 36
28) Hexachlorobenzene	16.33	284	80173	11.06	ng	# 95

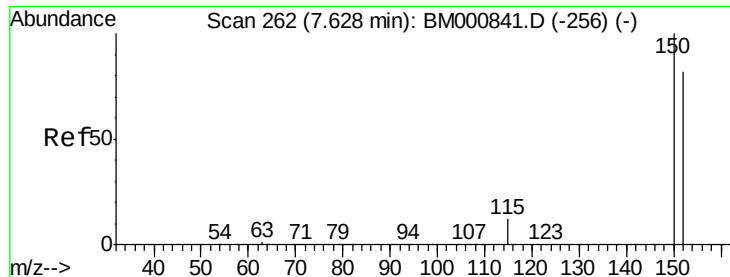
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.63 min Scan# 262

Delta R.T. 0.00 min

Lab File: BM000818.D

Acq: 02 Apr 2015 22:08

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

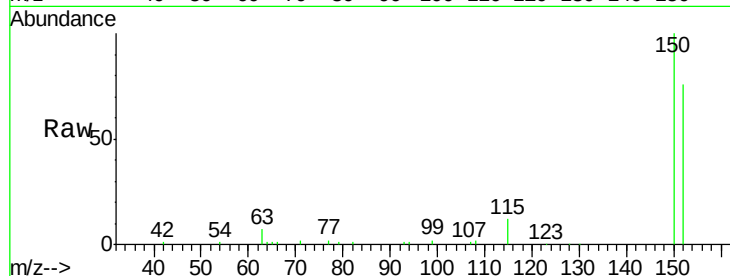
Tot Ion:152 Resp: 25888

Ion Ratio Lower Upper

152 100

150 131.7 99.8 149.6

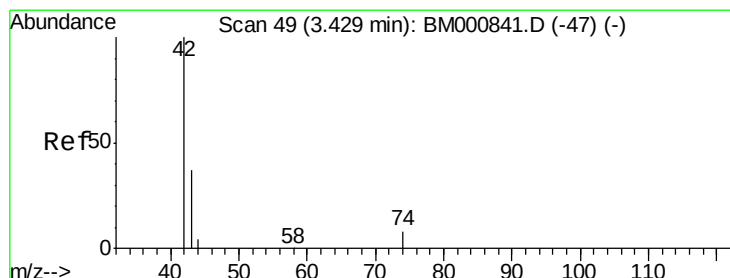
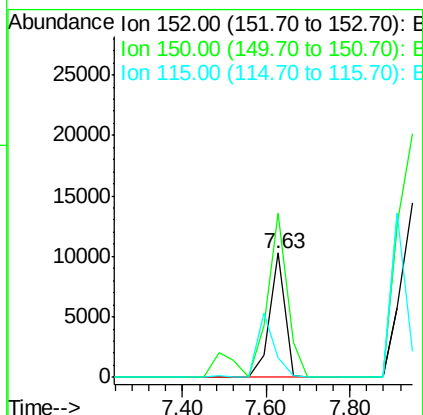
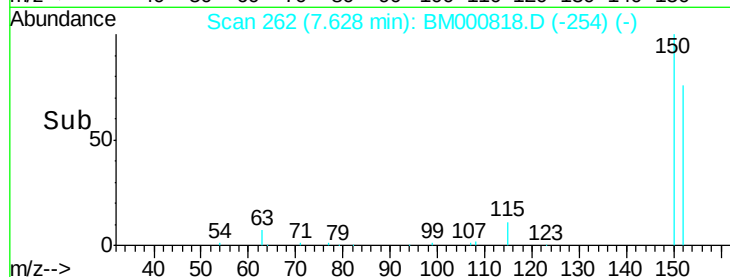
115 15.4 13.5 20.3



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



#3

n-Nitrosodimethylamine

Concen: 12.79 ng

RT: 3.41 min Scan# 48

Delta R.T. -0.03 min

Lab File: BM000818.D

Acq: 02 Apr 2015 22:08

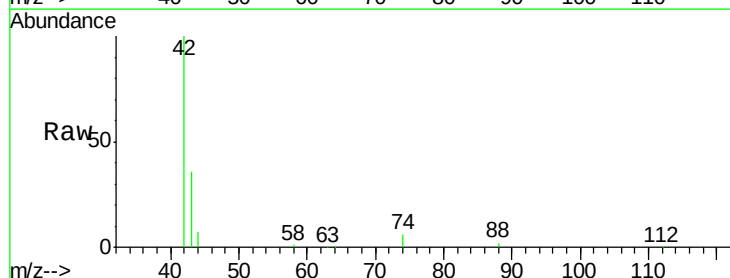
Tgt Ion: 42 Resp: 42069

Ion Ratio Lower Upper

42 100

74 5.9 93.1 139.7#

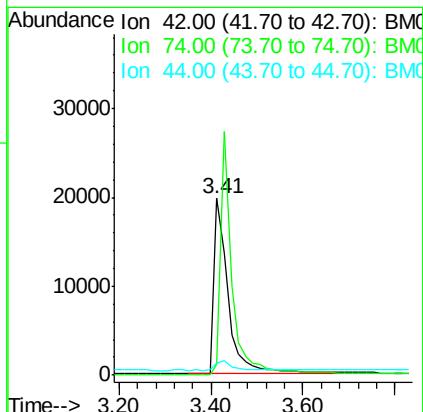
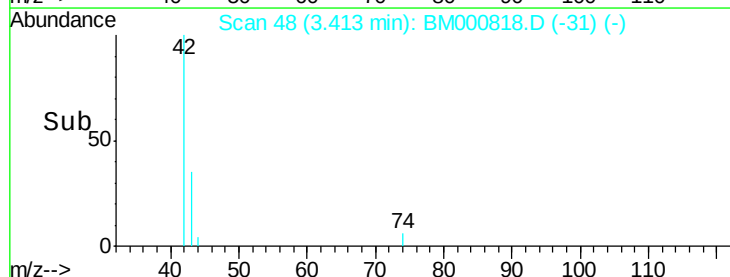
44 6.7 56.6 85.0#

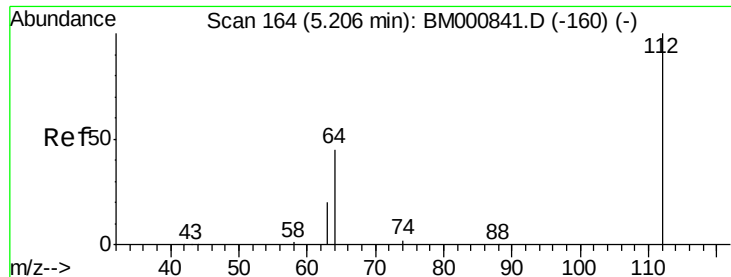


Abundance Ion 42.00 (41.70 to 42.70): BM0

Ion 74.00 (73.70 to 74.70): BM0

Ion 44.00 (43.70 to 44.70): BM0





#4

2-Fluorophenol

Concen: 11.44 ng

RT: 5.21 min Scan# 164

Delta R.T. 0.00 min

Lab File: BM000818.D

Acq: 02 Apr 2015 22:08

Instrument :

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ClientSampleId :

SSTDIC010

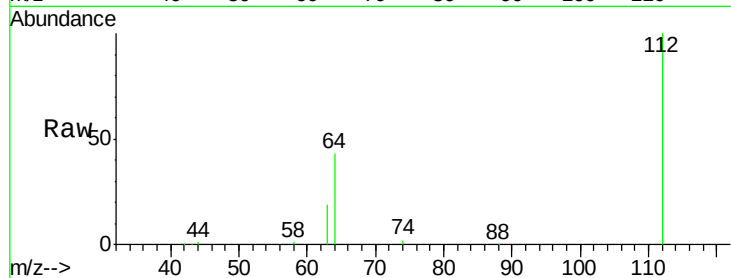
Tot Ion:112 Resp: 81561

Ion Ratio Lower Upper

112 100

64 43.2 40.3 60.5

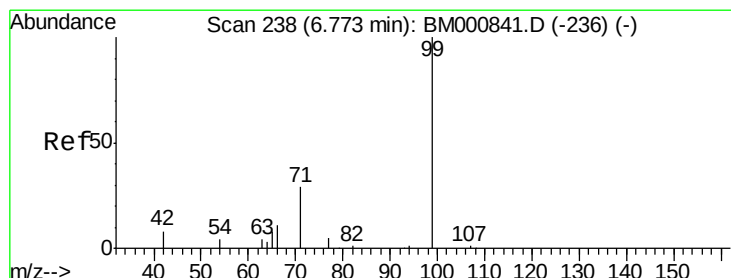
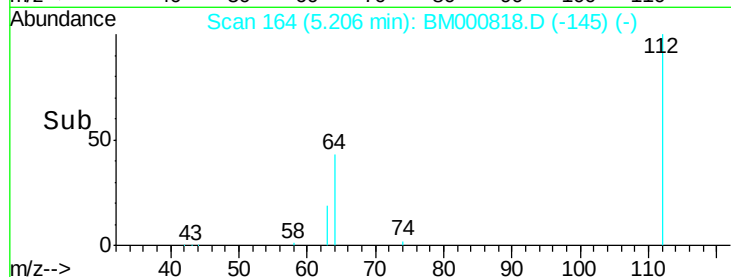
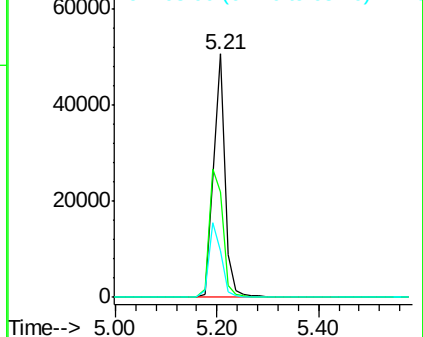
63 18.9 19.0 28.4#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#5

Phenol-d6

Concen: 14.10 ng

RT: 6.77 min Scan# 238

Delta R.T. 0.00 min

Lab File: BM000818.D

Acq: 02 Apr 2015 22:08

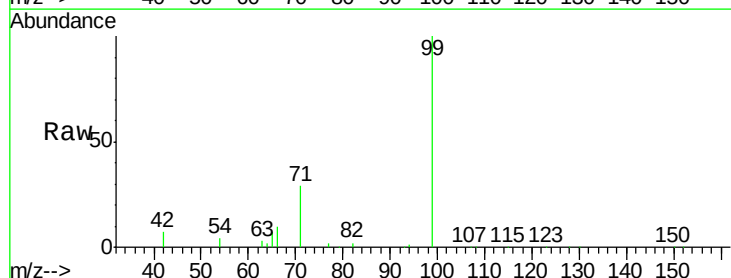
Tgt Ion: 99 Resp: 140222

Ion Ratio Lower Upper

99 100

42 6.9 10.2 15.4#

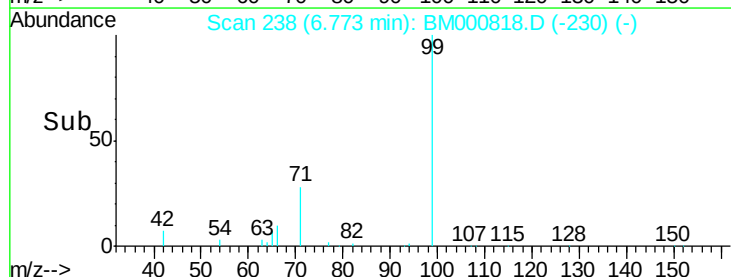
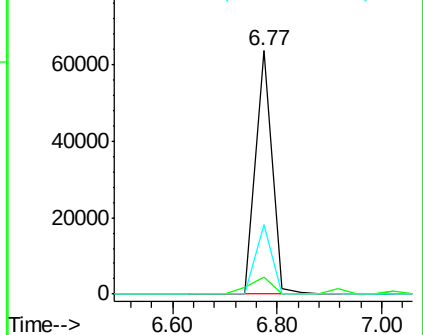
71 28.5 28.6 43.0#

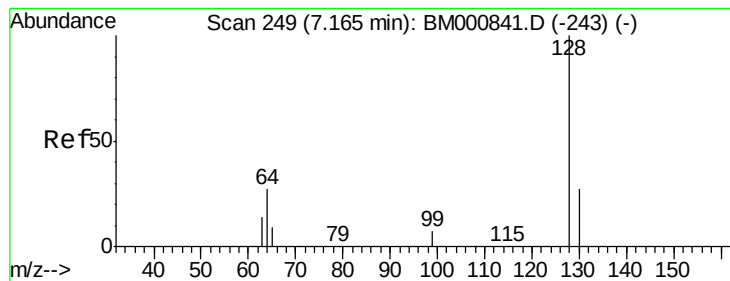


Abundance Ion 99.00 (98.70 to 99.70): BM

Ion 42.00 (41.70 to 42.70): BM

Ion 71.00 (70.70 to 71.70): BM





#6

2-Chlorophenol

Concen: 12.92 ng

RT: 7.17 min Scan# 249

Delta R.T. 0.00 min

Lab File: BM000818.D

Acq: 02 Apr 2015 22:08

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

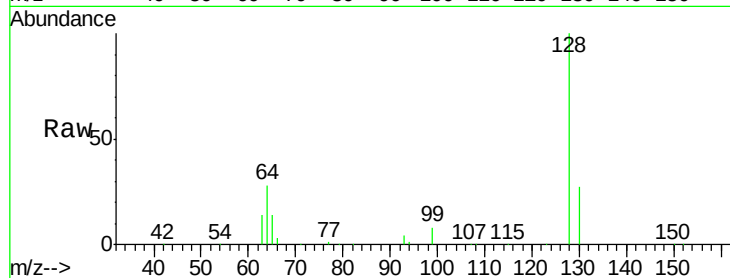
Tot Ion:128 Resp: 91330

Ion Ratio Lower Upper

128 100

130 26.9 7.6 47.6

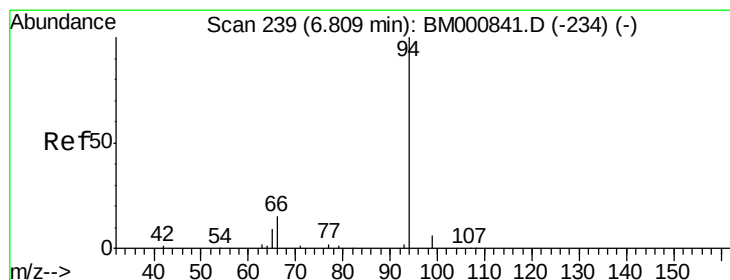
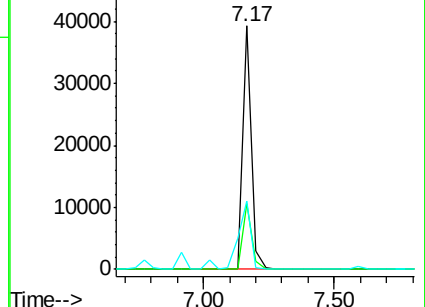
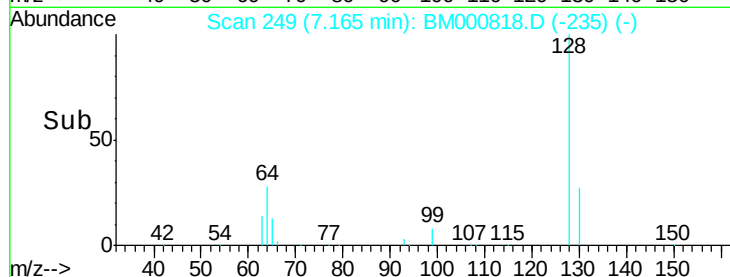
64 28.2 23.1 63.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BM



#7

Phenol

Concen: 11.90 ng

RT: 6.81 min Scan# 239

Delta R.T. 0.00 min

Lab File: BM000818.D

Acq: 02 Apr 2015 22:08

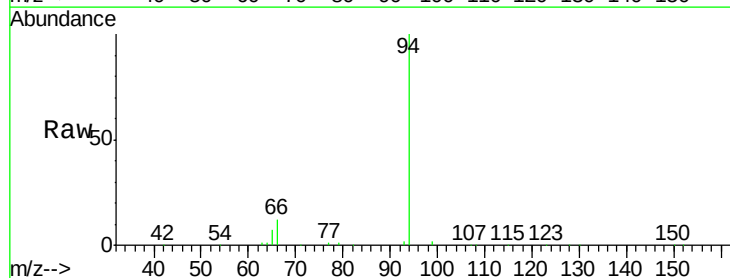
Tgt Ion: 94 Resp: 127072

Ion Ratio Lower Upper

94 100

65 7.0 0.0 32.0

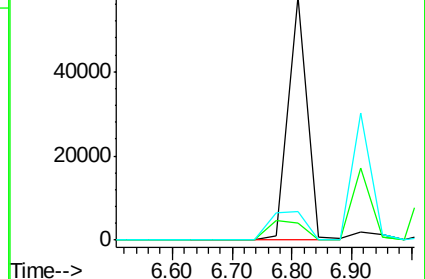
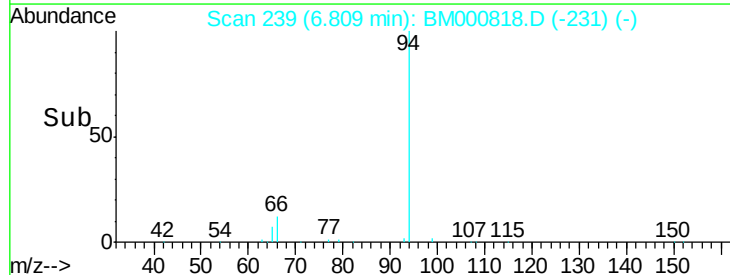
66 11.7 0.0 37.6

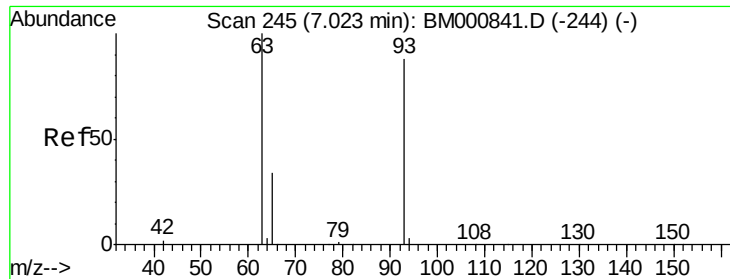


Abundance Ion 94.00 (93.70 to 94.70): BM

Ion 65.00 (64.70 to 65.70): BM

Ion 66.00 (65.70 to 66.70): BM





#8

bis(2-Chloroethyl)ether

Concen: 12.89 ng

RT: 7.02 min Scan# 245

Delta R.T. 0.00 min

Lab File: BM000818.D

Acq: 02 Apr 2015 22:08

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

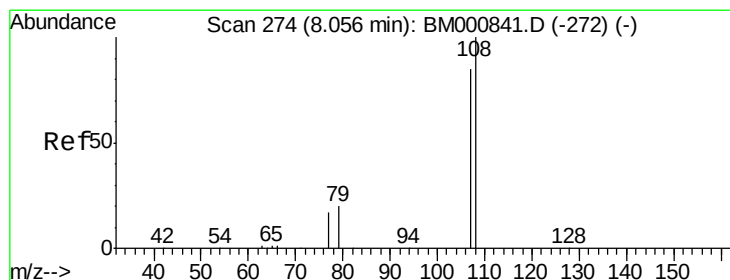
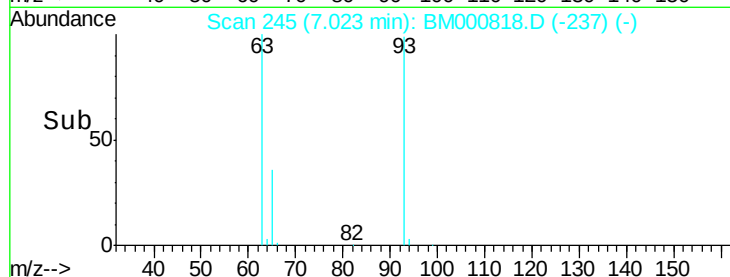
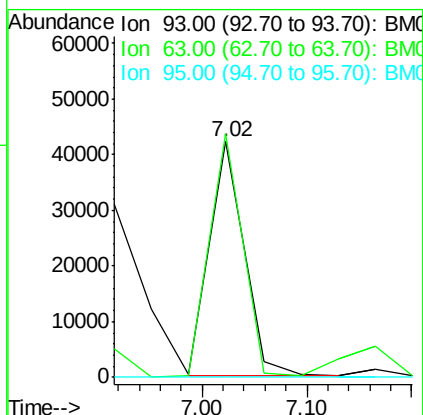
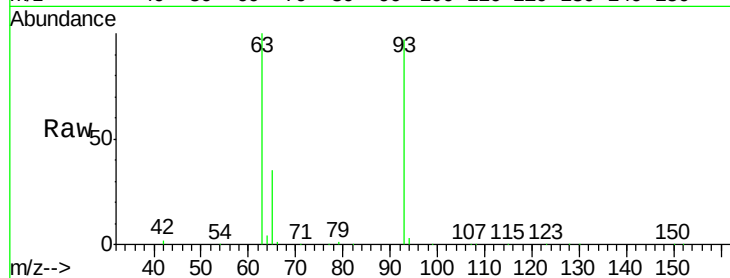
Tot Ion: 93 Resp: 95741

Ion Ratio Lower Upper

93 100

63 103.4 118.9 158.9#

95 0.0 0.0 20.0



#9

2-Methylphenol

Concen: 12.43 ng

RT: 8.06 min Scan# 274

Delta R.T. 0.00 min

Lab File: BM000818.D

Acq: 02 Apr 2015 22:08

Tgt Ion: 107 Resp: 94686

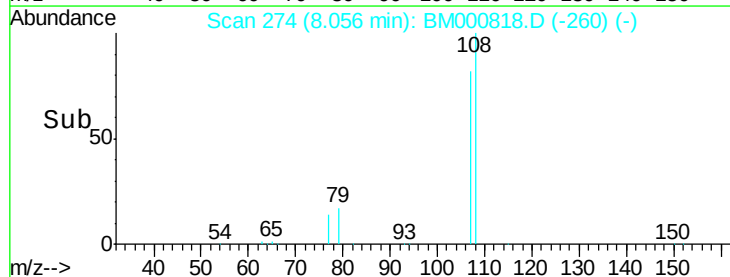
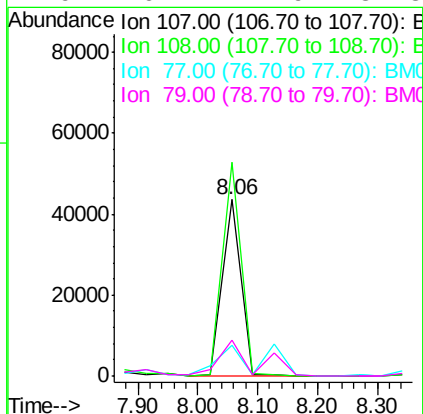
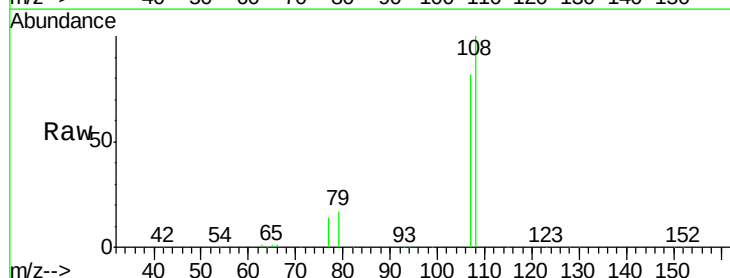
Ion Ratio Lower Upper

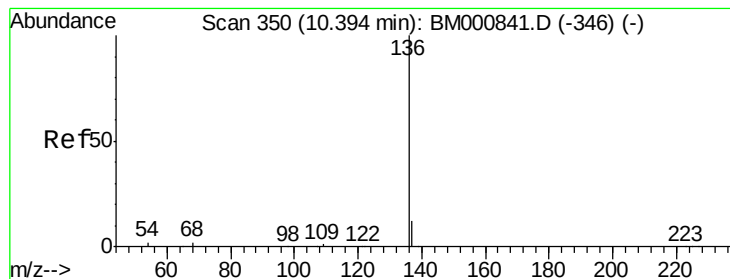
107 100

108 121.2 92.0 138.0

77 17.3 20.6 31.0#

79 20.7 22.9 34.3#





#11

Naphthalene-d8

Concen: 5.00 ng

RT: 10.39 min Scan# 350

Delta R.T. 0.00 min

Lab File: BM000818.D

Acq: 02 Apr 2015 22:08

Instrument :

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ClientSampleId :

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Tot Ion:136 Resp: 128297

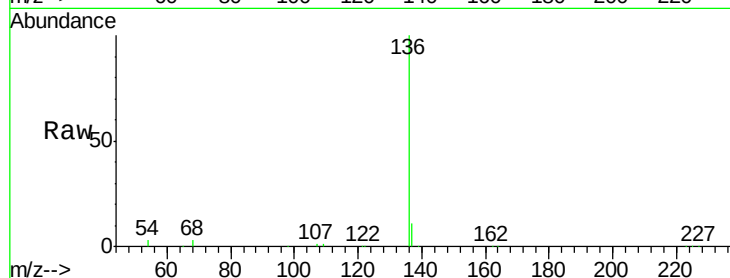
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 2.7 2.2 3.4

68 2.7 2.2 3.2

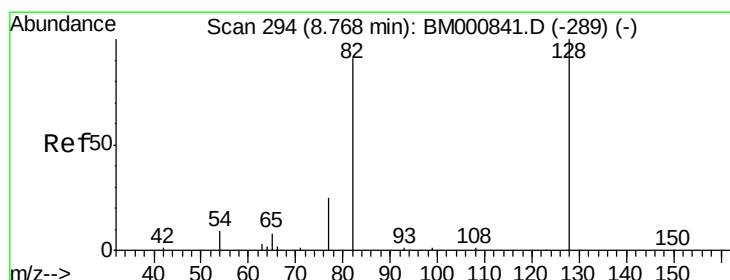
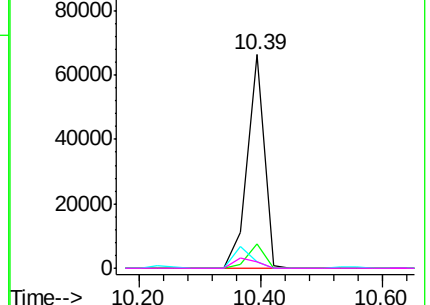
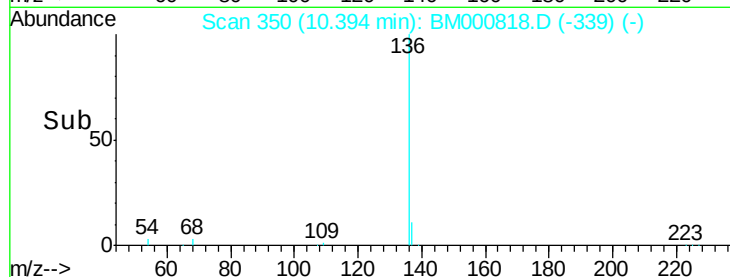


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#12

Nitrobenzene-d5

Concen: 10.86 ng

RT: 8.77 min Scan# 294

Delta R.T. 0.00 min

Lab File: BM000818.D

Acq: 02 Apr 2015 22:08

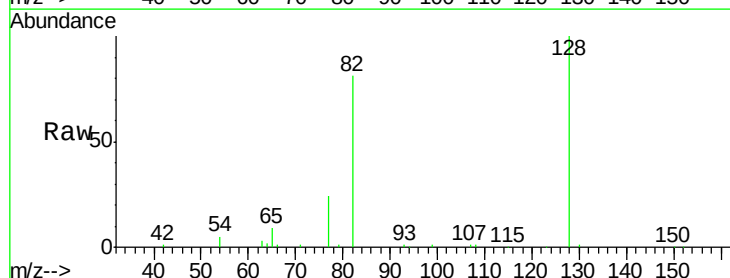
Tgt Ion: 82 Resp: 65011

Ion Ratio Lower Upper

82 100

128 124.1 72.5 108.7#

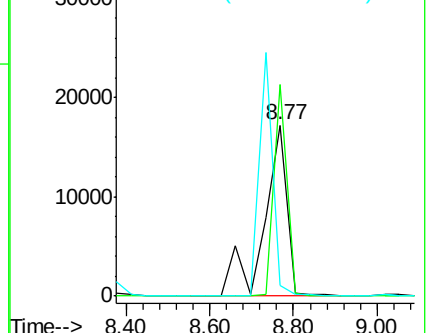
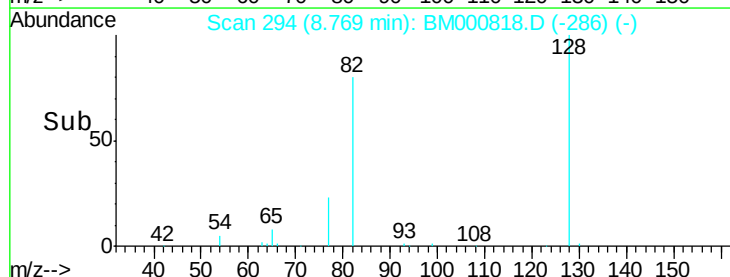
54 6.3 11.8 17.8#

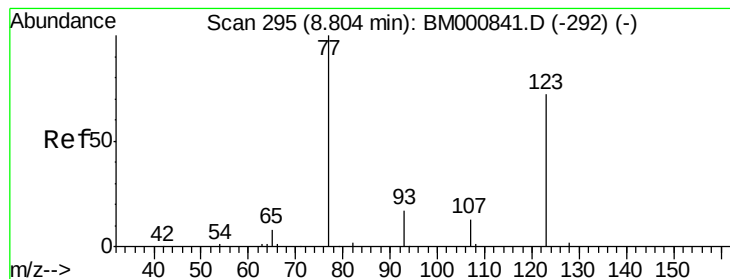


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#13

Nitrobenzene

Concen: 11.28 ng

RT: 8.80 min Scan# 295

Delta R.T. 0.00 min

Lab File: BM000818.D

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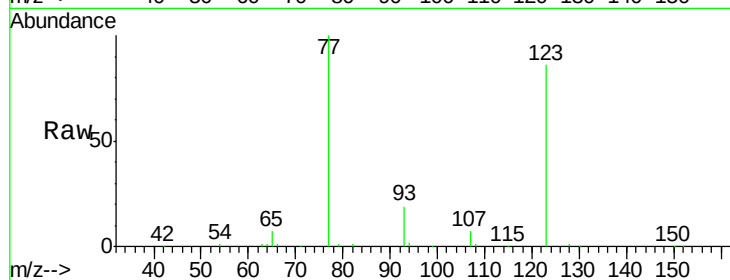
Tot Ion: 77 Resp: 78847

Ion Ratio Lower Upper

77 100

123 86.3 45.8 68.6#

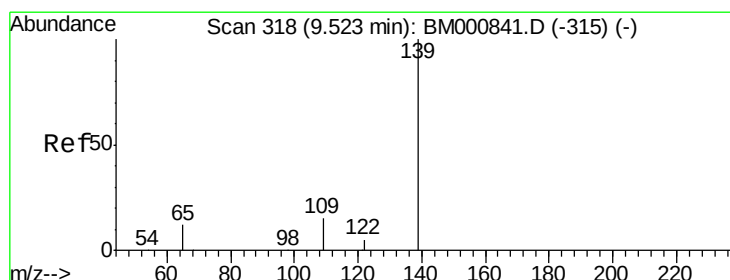
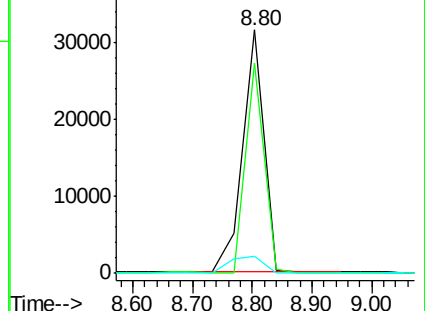
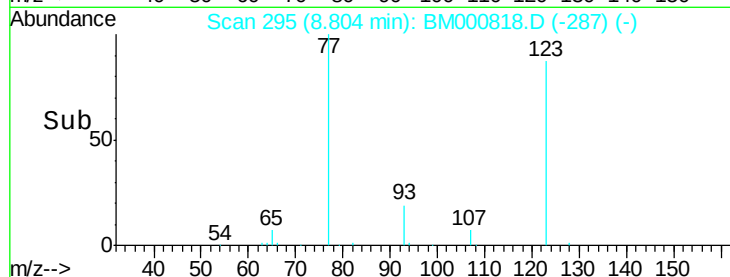
65 7.3 8.2 12.4#



Abundance Ion 77.00 (76.70 to 77.70): BM000818.D (-292) (-)

Ion 123.00 (122.70 to 123.70): BM000818.D (-292) (-)

Ion 65.00 (64.70 to 65.70): BM000818.D (-292) (-)



#14

2-Nitrophenol

Concen: 12.57 ng

RT: 9.52 min Scan# 318

Delta R.T. 0.00 min

Lab File: BM000818.D

Acq: 02 Apr 2015 22:08

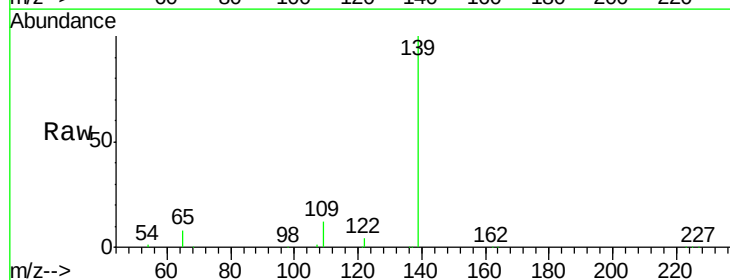
Tgt Ion: 139 Resp: 40105

Ion Ratio Lower Upper

139 100

109 11.5 15.0 22.6#

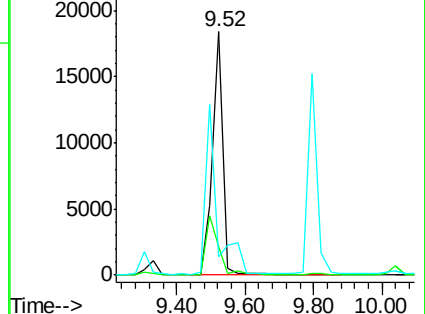
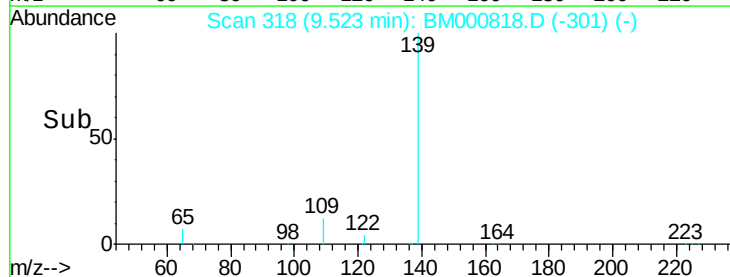
65 7.6 14.2 21.4#

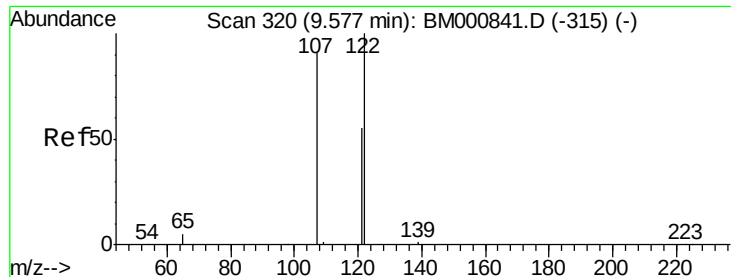


Abundance Ion 139.00 (138.70 to 139.70): BM000818.D (-315) (-)

Ion 109.00 (108.70 to 109.70): BM000818.D (-315) (-)

Ion 65.00 (64.70 to 65.70): BM000818.D (-315) (-)





#15

2,4-Dimethylphenol

Concen: 12.11 ng

RT: 9.58 min Scan# 320

Delta R.T. 0.00 min

Lab File: BM000818.D

Acq: 02 Apr 2015 22:08

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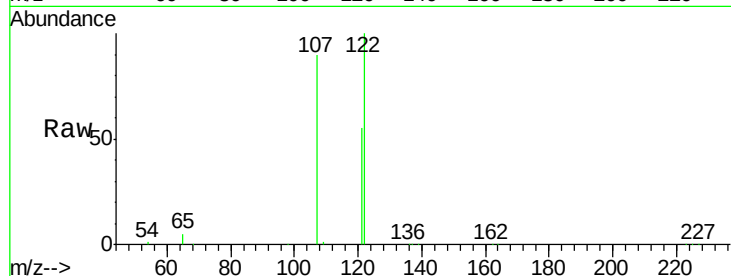
Tot Ion:122 Resp: 88027

Ion Ratio Lower Upper

122 100

107 89.8 78.2 117.4

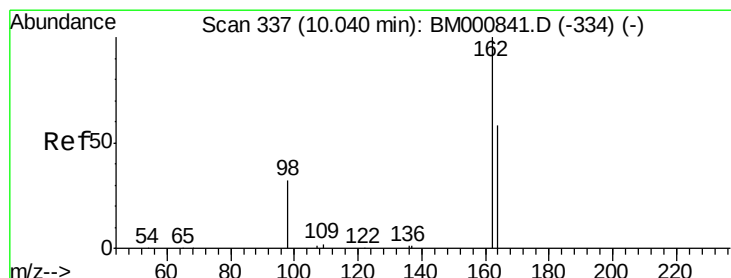
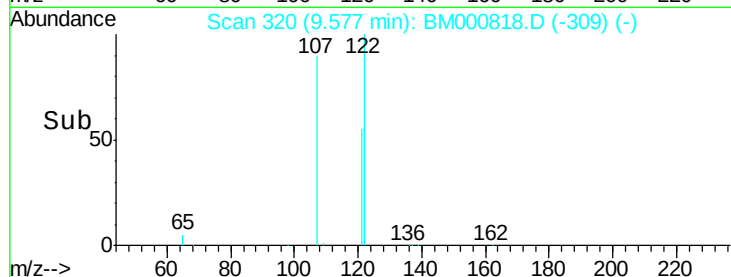
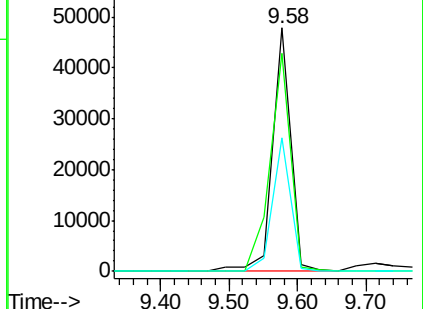
121 55.0 45.4 68.0



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



#16

2,4-Dichlorophenol

Concen: 13.44 ng

RT: 10.04 min Scan# 337

Delta R.T. 0.00 min

Lab File: BM000818.D

Acq: 02 Apr 2015 22:08

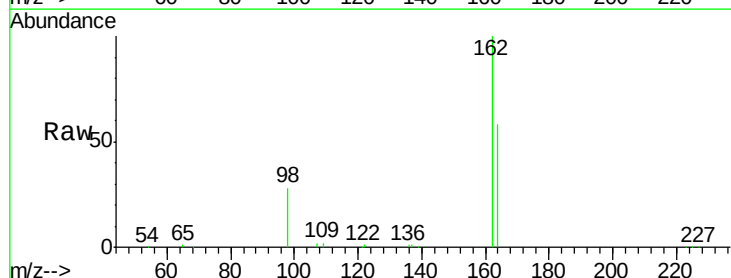
Tgt Ion:162 Resp: 86609

Ion Ratio Lower Upper

162 100

164 58.2 37.1 77.1

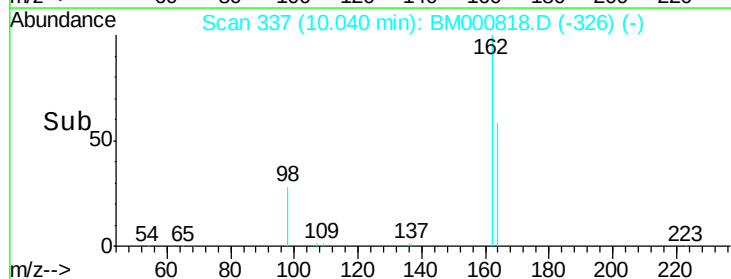
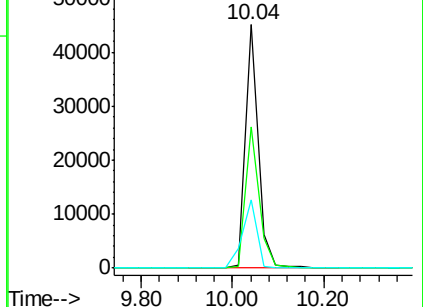
98 27.8 19.5 59.5

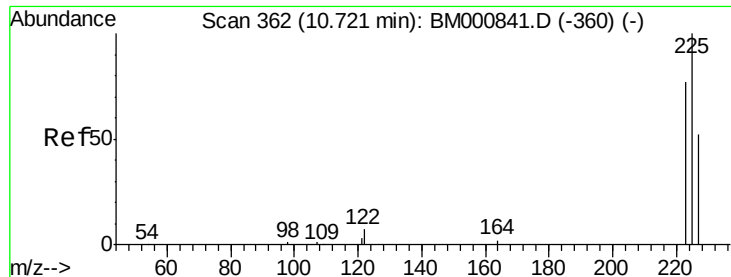


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM





#17

Hexachlorobutadiene

Concen: 10.46 ng

RT: 10.75 min Scan# 363

Delta R.T. 0.00 min

Lab File: BM000818.D

Acq: 02 Apr 2015 22:08

Instrument :

BNA_M

ClientSampleId :

SSTDIC010

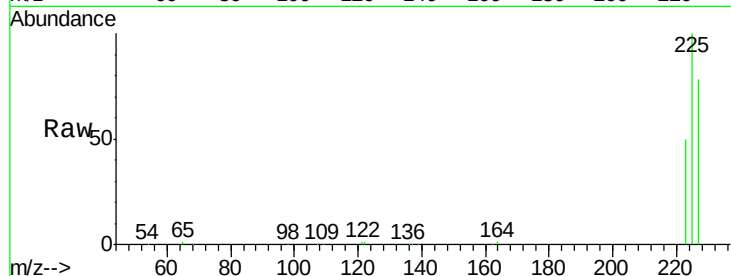
Tot Ion:225 Resp: 51861

Ion Ratio Lower Upper

225 100

223 50.0 40.8 61.2

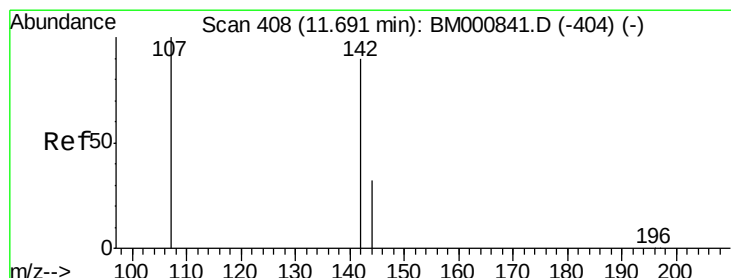
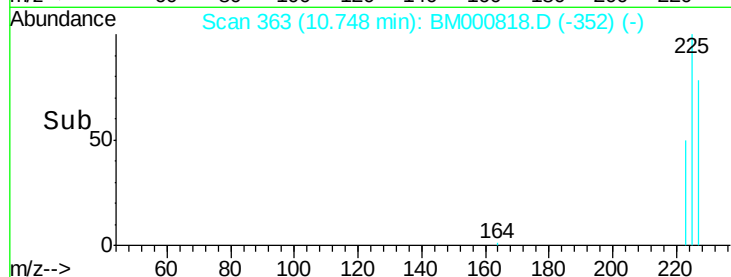
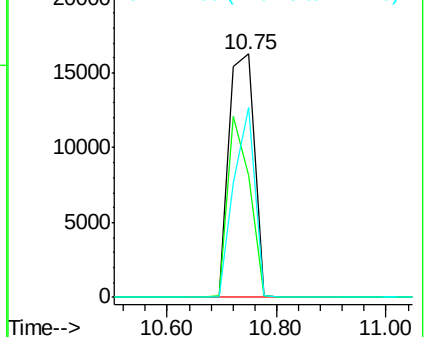
227 77.9 62.8 94.2



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



#18

4-Chloro-3-methylphenol

Concen: 12.60 ng

RT: 11.67 min Scan# 407

Delta R.T. -0.02 min

Lab File: BM000818.D

Acq: 02 Apr 2015 22:08

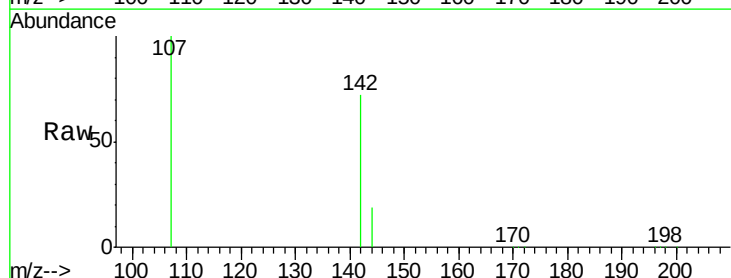
Tgt Ion:107 Resp: 81159

Ion Ratio Lower Upper

107 100

144 19.4 25.8 38.8#

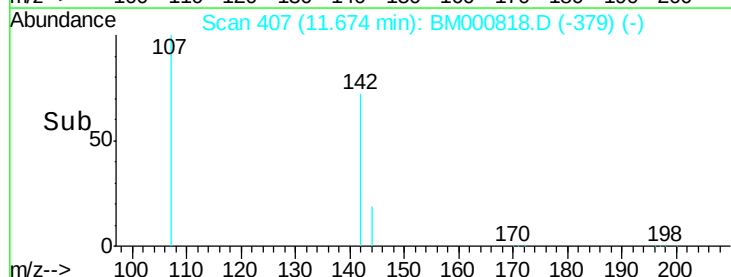
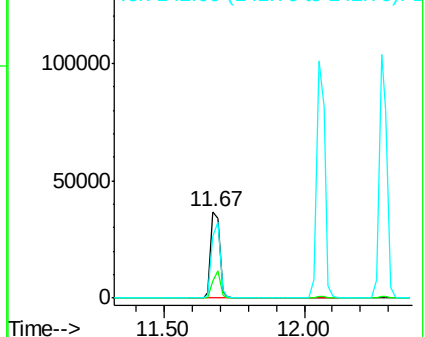
142 71.8 71.3 106.9

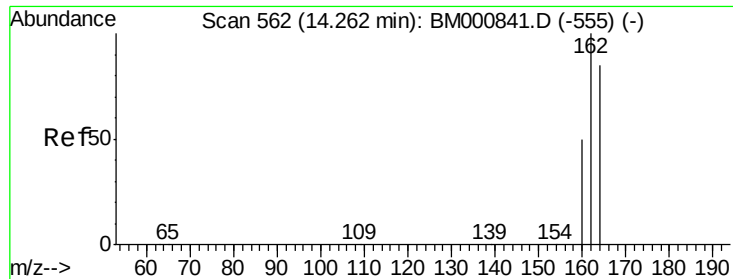


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#19

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.28 min Scan# 563

Delta R.T. 0.00 min

Lab File: BM000818.D

Acq: 02 Apr 2015 22:08

Instrument :

BNA_M

ClientSampleId :

SSTDIC010

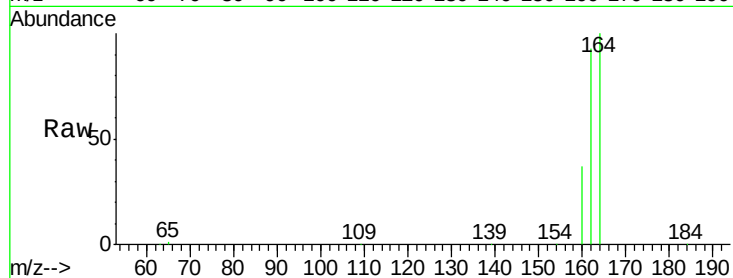
Tot Ion:164 Resp: 64587

Ion Ratio Lower Upper

164 100

162 92.9 74.2 111.2

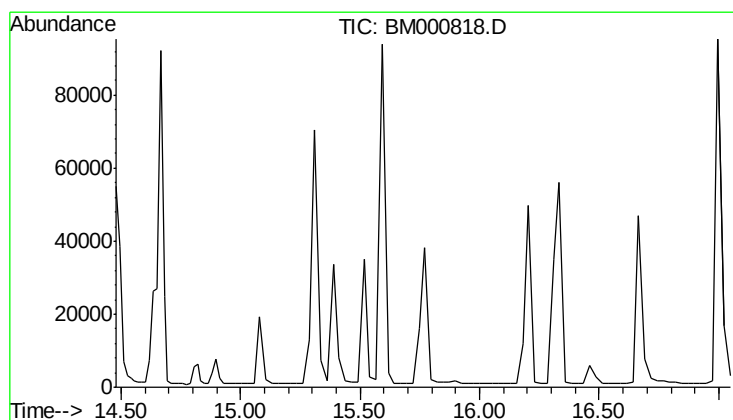
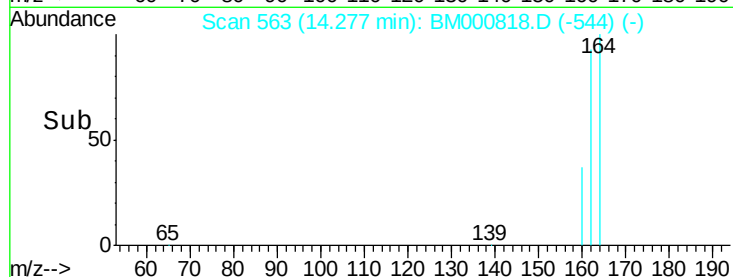
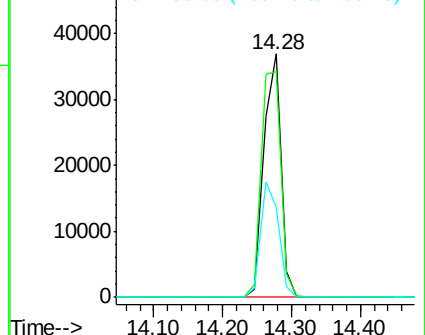
160 37.2 30.4 45.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#20

2,4,6-Tribromophenol

Concen: 0.00 ng

Expected RT: 15.77 min

Lab File: BM000818.D

Acq: 02 Apr 2015 22:08

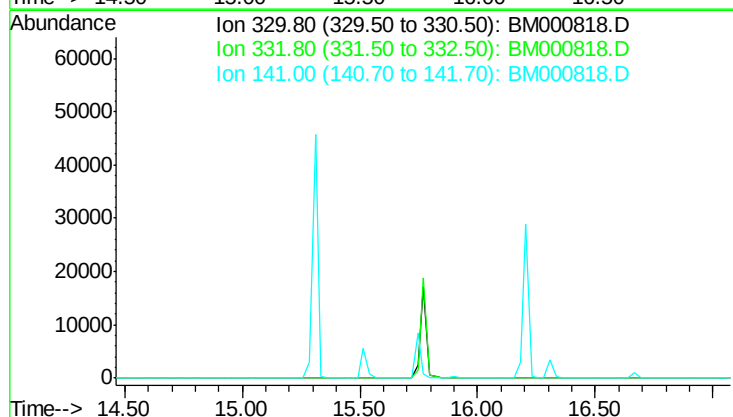
Tgt Ion: 330

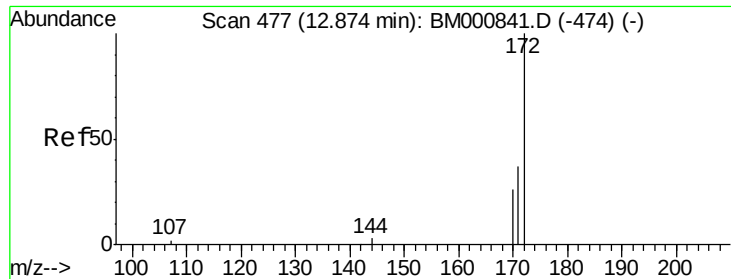
Sig Exp Ratio

330 100

332 98.4

141 0.0

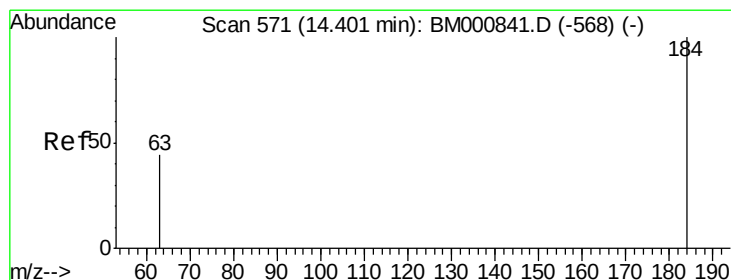
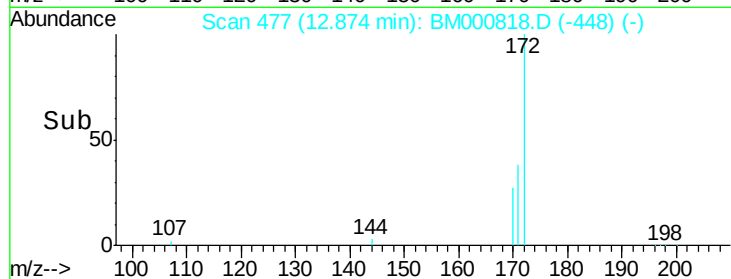
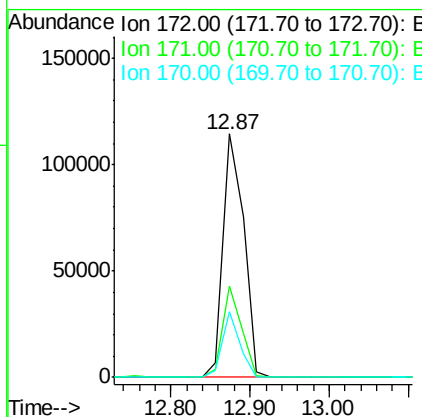
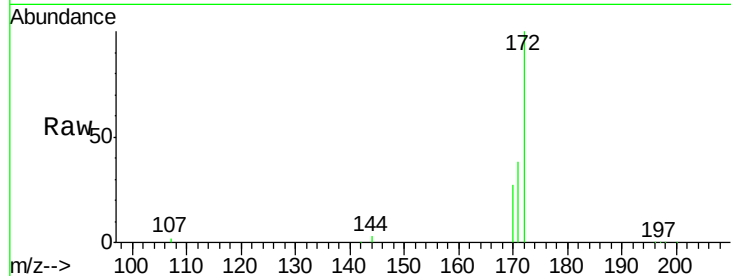




#23
2-Fluorobiphenyl
Concen: 10.32 ng
RT: 12.87 min Scan# 477
Delta R.T. 0.00 min
Lab File: BM000818.D
Acq: 02 Apr 2015 22:08

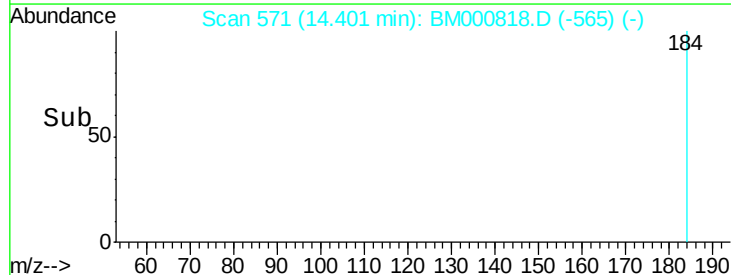
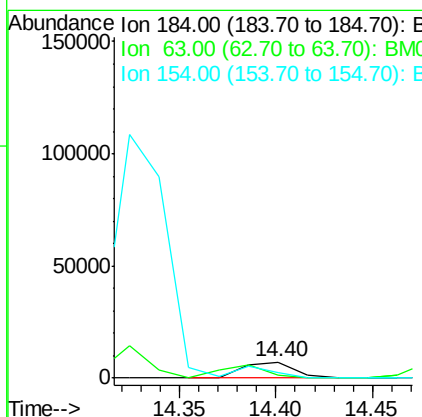
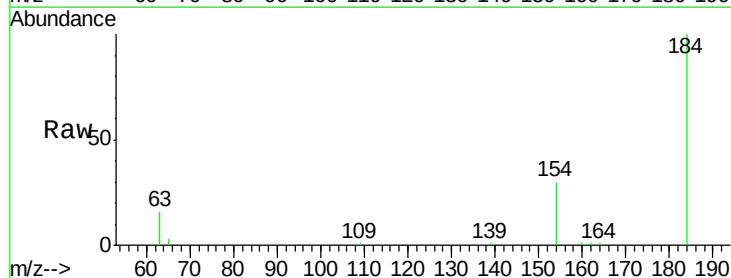
Instrument :
BNA_M
ClientSampleId :
SSTDIC010

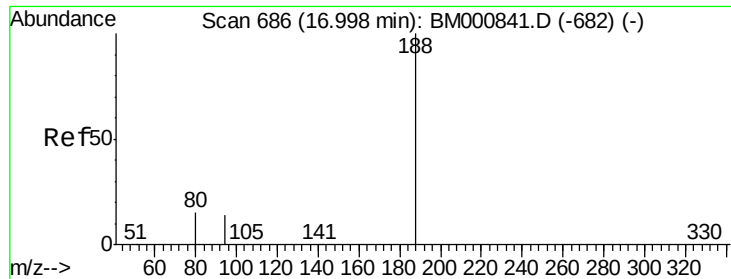
Tot Ion:172 Resp: 205272
Ion Ratio Lower Upper
172 100
171 37.8 30.6 46.0
170 27.2 22.2 33.2



#24
2,4-Dinitrophenol
Concen: 21.28 ng
RT: 14.40 min Scan# 571
Delta R.T. 0.00 min
Lab File: BM000818.D
Acq: 02 Apr 2015 22:08

Tgt Ion:184 Resp: 13705
Ion Ratio Lower Upper
184 100
63 16.0 62.7 94.1#
154 30.2 63.6 95.4#

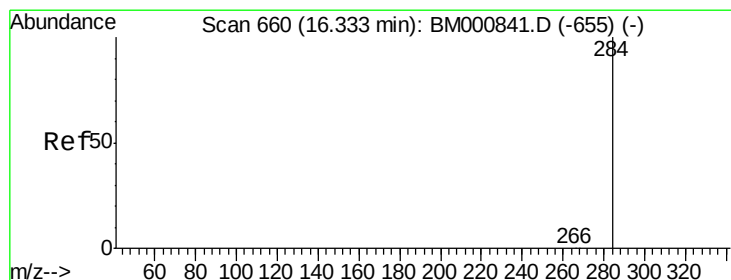
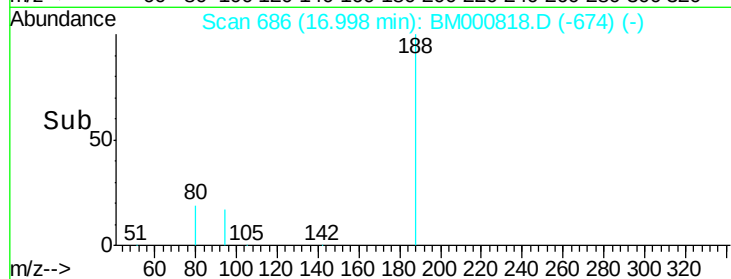
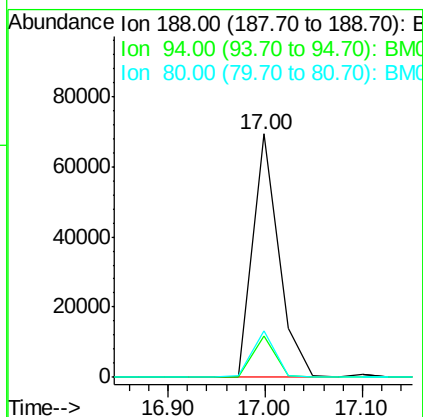
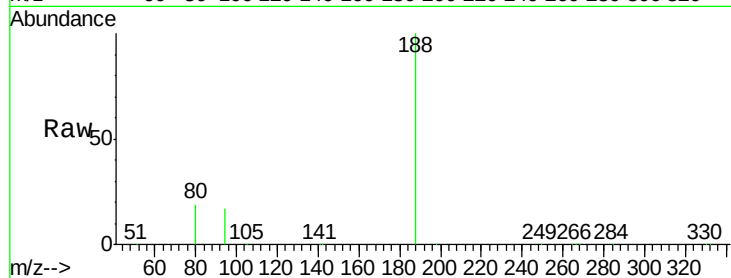




#26
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.00 min Scan# 686
Delta R.T. 0.00 min
Lab File: BM000818.D
Acq: 02 Apr 2015 22:08

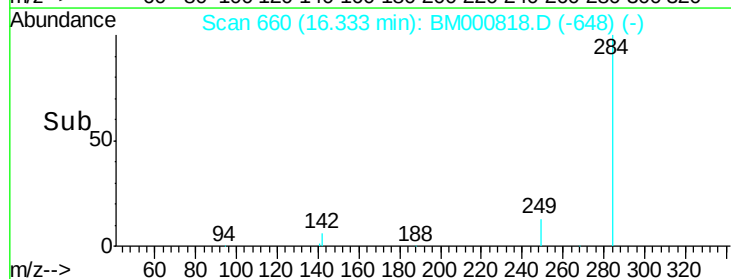
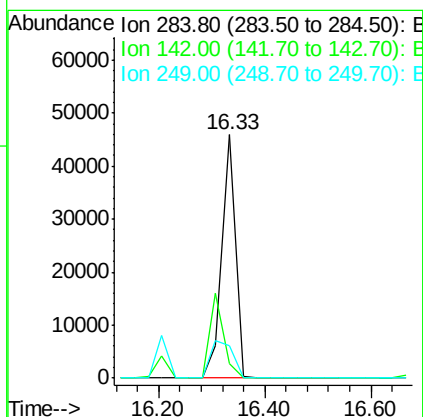
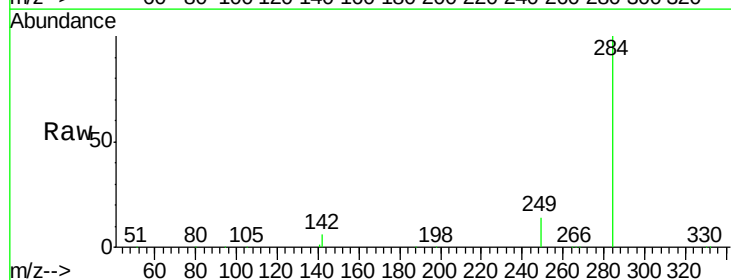
Instrument :
BNA_M
ClientSampleId :
SSTDIC010

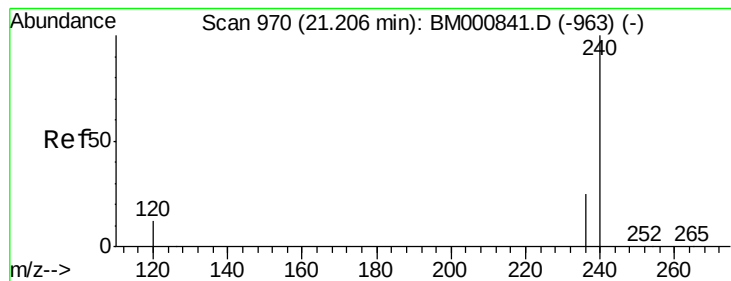
Tot Ion:188 Resp: 128358
Ion Ratio Lower Upper
188 100
94 16.8 13.0 19.6
80 19.0 14.7 22.1



#28
Hexachlorobenzene
Concen: 11.06 ng
RT: 16.33 min Scan# 660
Delta R.T. 0.00 min
Lab File: BM000818.D
Acq: 02 Apr 2015 22:08

Tgt Ion:284 Resp: 80173
Ion Ratio Lower Upper
284 100
142 5.9 6.5 9.7#
249 13.6 12.6 18.8





#30

Chrysene-d12

Concen: 5.00 ng

RT: 21.21 min Scan# 970

Delta R.T. 0.00 min

Lab File: BM000818.D

Acq: 02 Apr 2015 22:08

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

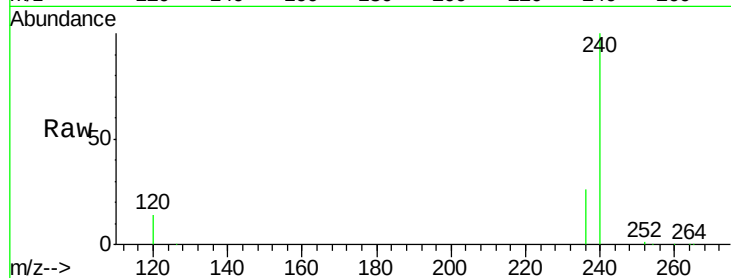
Tot Ion:240 Resp: 122731

Ion Ratio Lower Upper

240 100

120 13.6 11.3 16.9

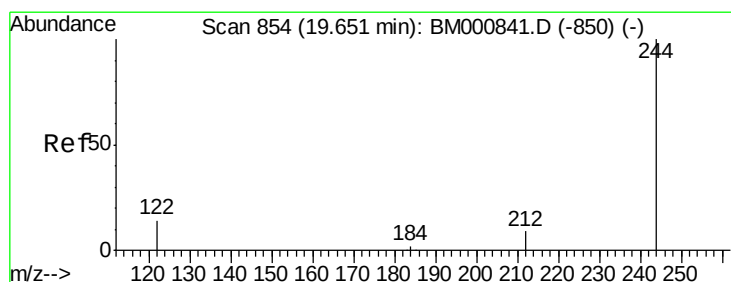
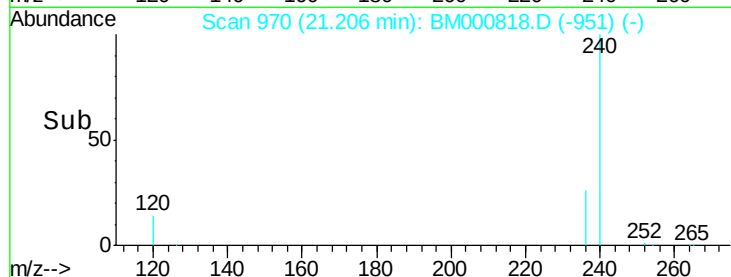
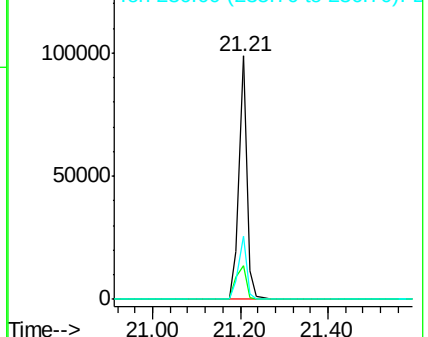
236 26.1 21.1 31.7



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



#32

Terphenyl-d14

Concen: 10.81 ng

RT: 19.65 min Scan# 854

Delta R.T. 0.00 min

Lab File: BM000818.D

Acq: 02 Apr 2015 22:08

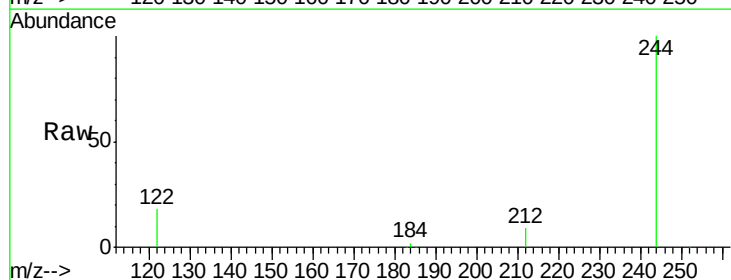
Tgt Ion:244 Resp: 159704

Ion Ratio Lower Upper

244 100

212 9.5 8.0 12.0

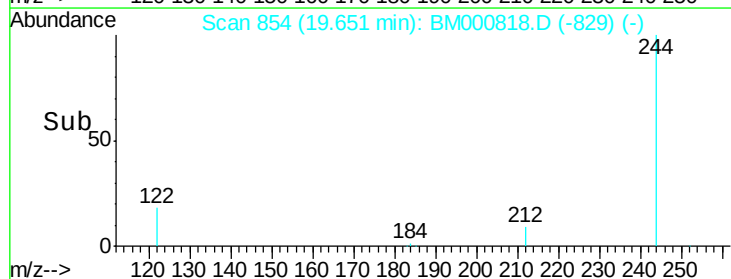
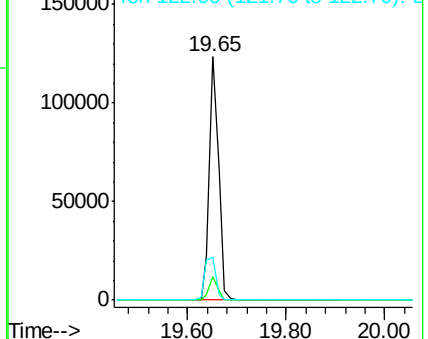
122 17.6 14.7 22.1

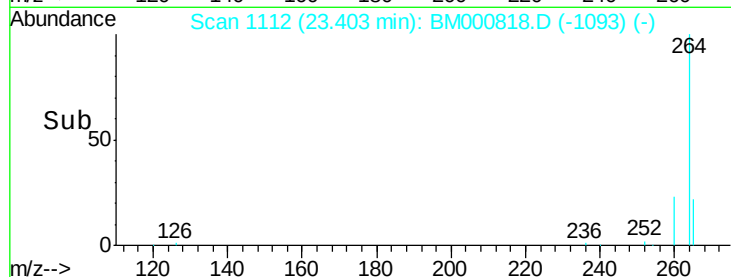
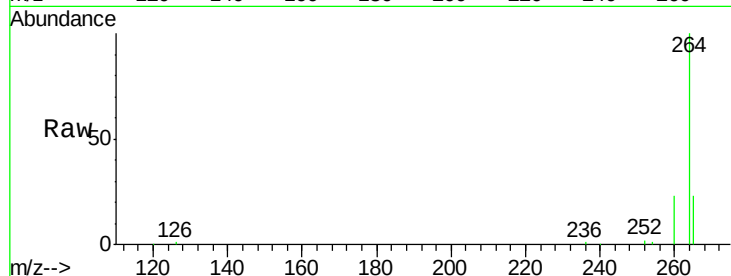
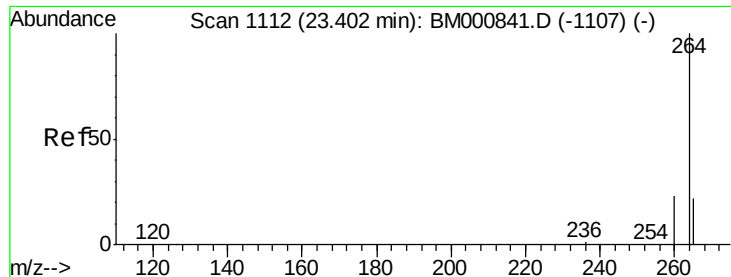


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#34

Pervlene-d12

Concen: 5.00 ng

RT: 23.40 min Scan# 1112

Delta R.T. 0.00 min

Lab File: BM000818.D

Acq: 02 Apr 2015 22:08

Instrument :

BNA_M

ClientSampleId :

SSTDIC010

Tot Ion: 264 Resp: 109730

Ion Ratio Lower Upper

264 100

260 23.2 19.1 28.7

265 22.9 17.5 26.3

