

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040315\
 Data File : BM000830.D
 Acq On : 03 Apr 2015 05:55
 Operator : TP/IZ
 Sample : SSTDC001
 Misc : MDL-WATER- BLK
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 03 16:29:26 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 13:56:22 2015
 Response via : Initial Calibration

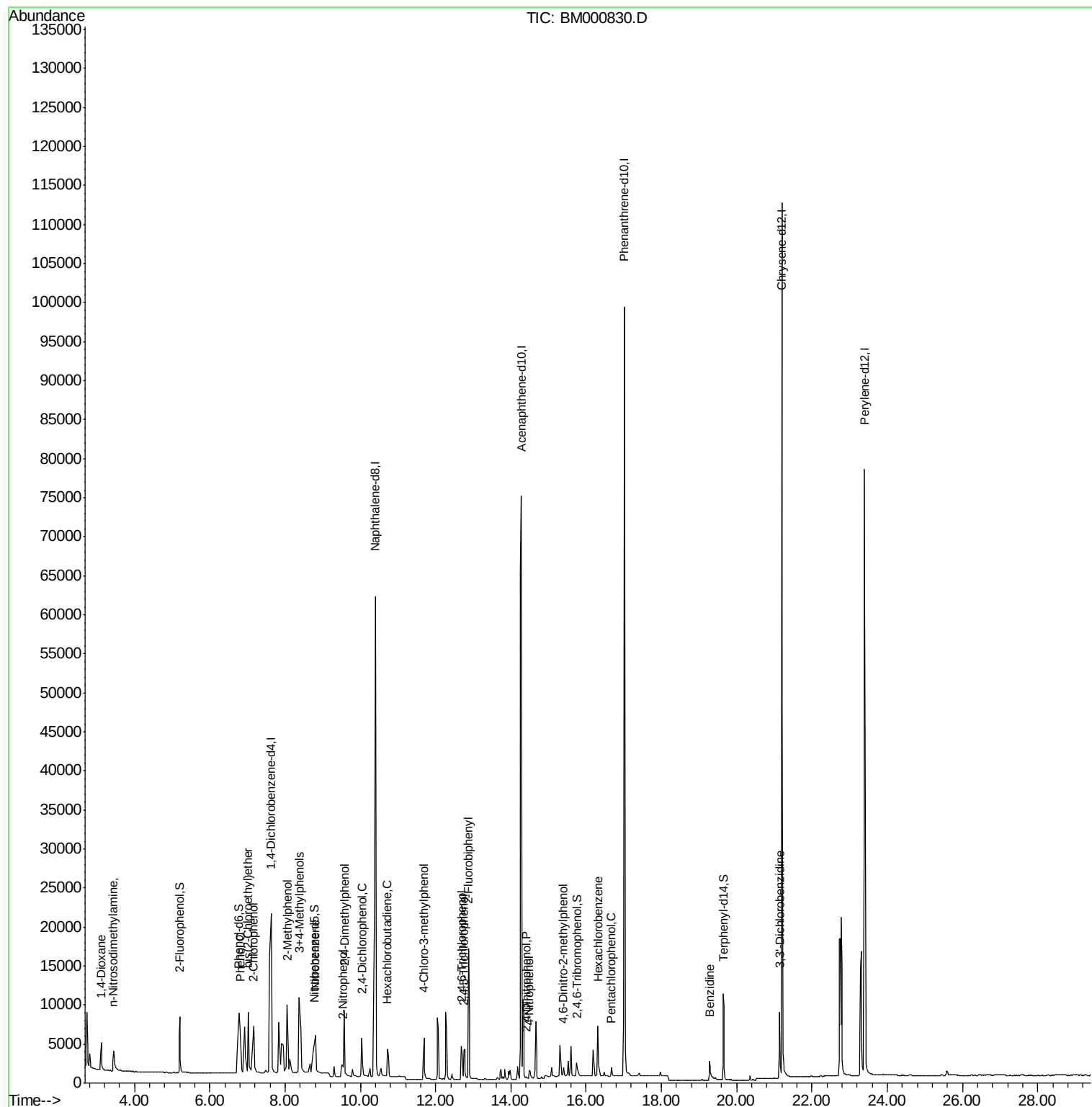
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	22528	5.00	ng	0.00
11) Naphthalene-d8	10.39	136	107146	5.00	ng	0.00
19) Acenaphthene-d10	14.28	164	55779	5.00	ng	0.00
26) Phenanthrene-d10	17.01	188	140720	5.00	ng	0.00
30) Chrysene-d12	21.20	240	109974	5.00	ng	0.00
34) Perylene-d12	23.40	264	101294	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	6915	1.11	ng	0.00
5) Phenol-d6	6.77	99	10132	1.08	ng	0.00
12) Nitrobenzene-d5	8.77	82	4914	0.98	ng	0.00
20) 2,4,6-Tribromophenol	15.75	330	1674	0.88	ng	-0.02
32) Terphenyl-d14	19.66	244	13567	1.02	ng	0.00
Target Compounds						Ovalue
2) 1,4-Dioxane	3.12	88	3289	1.09	ng	95
3) n-Nitrosodimethylamine	3.44	42	3033	1.06	ng	92
6) 2-Chlorophenol	7.17	128	7197	1.10	ng	91
7) Phenol	6.81	94	9677	1.04	ng	97
8) bis(2-Chloroethyl)ether	7.02	93	7114	1.06	ng	85
9) 2-Methylphenol	8.06	107	7315	1.05	ng	96
10) 3+4-Methylphenols	8.38	107	8378	1.04	ng	98
13) Nitrobenzene	8.80	77	5609	0.96	ng	90
14) 2-Nitrophenol	9.52	139	2909	1.05	ng	99
15) 2,4-Dimethylphenol	9.58	122	6445	1.06	ng	96
16) 2,4-Dichlorophenol	10.04	162	5826	1.03	ng	99
17) Hexachlorobutadiene	10.72	225	4283	1.03	ng	# 66
18) 4-Chloro-3-methylphenol	11.69	107	5792	1.08	ng	100
21) 2,4,6-Trichlorophenol	12.69	196	3521	0.95	ng	98
22) 2,4,5-Trichlorophenol	12.75	196	4440	1.00	ng	97
23) 2-Fluorobiphenyl	12.87	172	17310	1.01	ng	98
24) 2,4-Dinitrophenol	14.40	184	222	0.40	ng	87
25) 4-Nitrophenol	14.49	139	1092	1.00	ng	96
27) 4,6-Dinitro-2-methylphenol	15.40	198	1186	0.96	ng	# 37
28) Hexachlorobenzene	16.32	284	5893	0.74	ng	# 1
29) Pentachlorophenol	16.67	266	1143	0.82	ng	89
31) Benzidine	19.27	184	6401	1.67	ng	# 52
33) 3,3'-Dichlorobenzidine	21.14	252	8439	1.01	ng	# 78

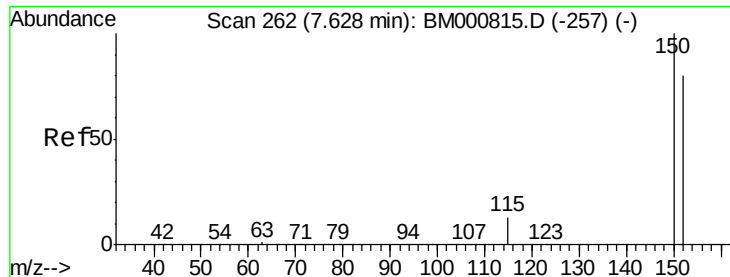
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040315\
Data File : BM000830.D
Acq On : 03 Apr 2015 05:55
Operator : TP/IZ
Sample : SSTDCCC001
Misc : MDL-WATER- BLK
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Apr 03 16:29:26 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 13:56:22 2015
Response via : Initial Calibration



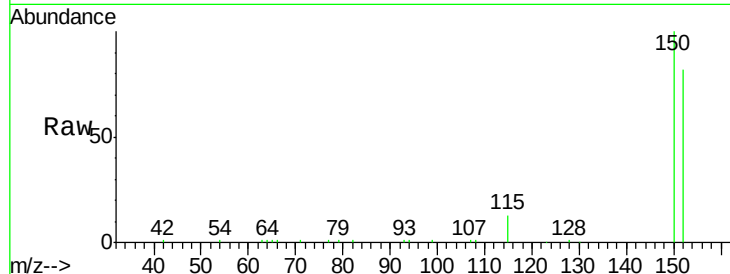


#1

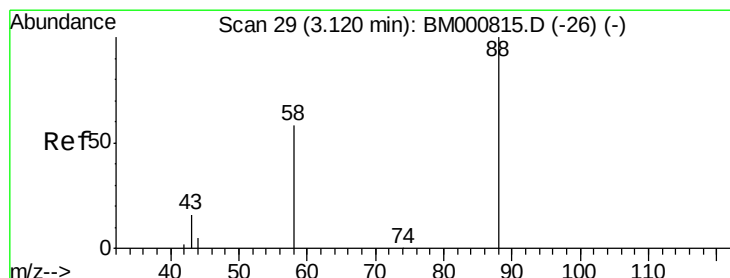
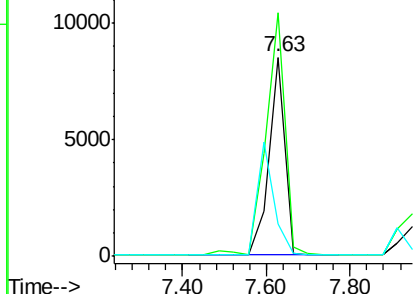
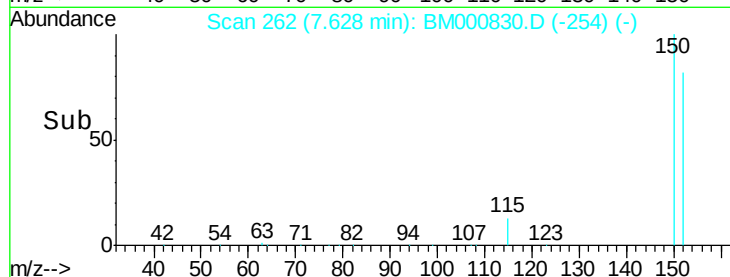
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.63 min Scan# 262
Delta R.T. -0.00 min
Lab File: BM000830.D
Acq: 03 Apr 2015 05:55

Instrument :
BNA_M
ClientSampled :

Tot Ion:152 Resp: 22528
Ion Ratio Lower Upper
152 100
150 122.3 99.8 149.6
115 16.1 13.5 20.3



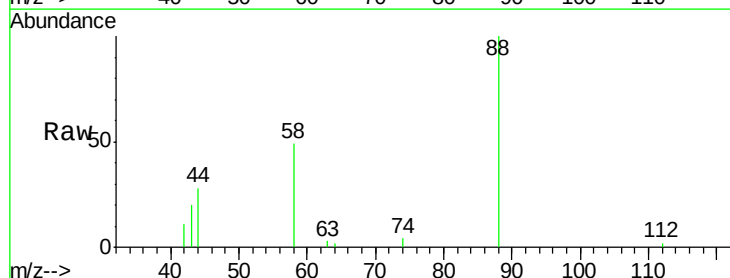
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



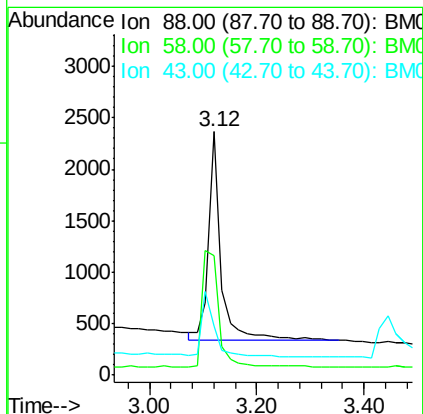
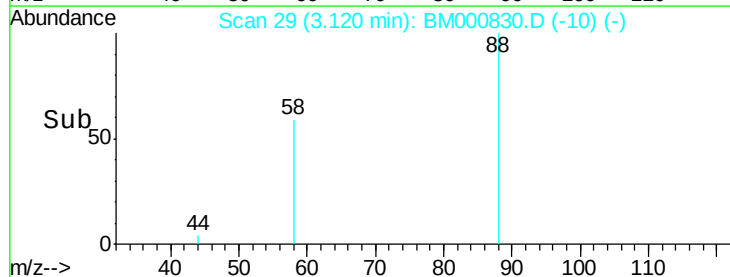
#2

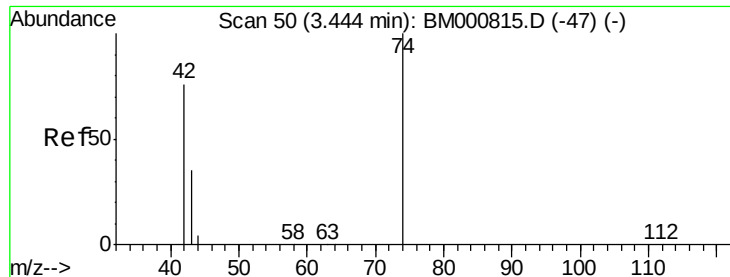
1,4-Dioxane
Concen: 1.09 ng
RT: 3.12 min Scan# 29
Delta R.T. 0.00 min
Lab File: BM000830.D
Acq: 03 Apr 2015 05:55

Tgt Ion: 88 Resp: 3289
Ion Ratio Lower Upper
88 100
58 73.6 57.0 85.4
43 31.0 29.2 43.8



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: 1.06 ng

RT: 3.44 min Scan# 50

Delta R.T. -0.00 min

Lab File: BM000830.D

Acq: 03 Apr 2015 05:55

Instrument :

BNA_M

ClientSampleId :

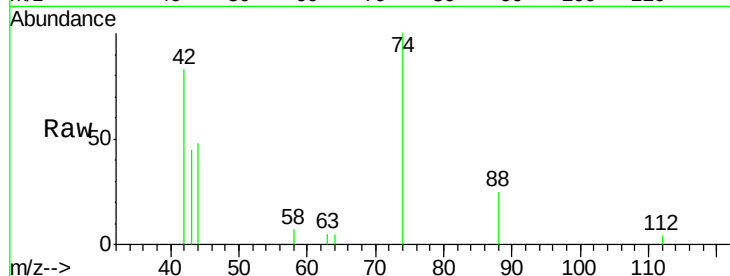
Tot Ion: 42 Resp: 3033

Ion Ratio Lower Upper

42 100

74 120.5 93.1 139.7

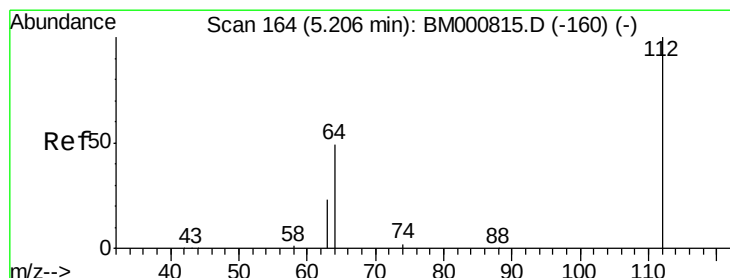
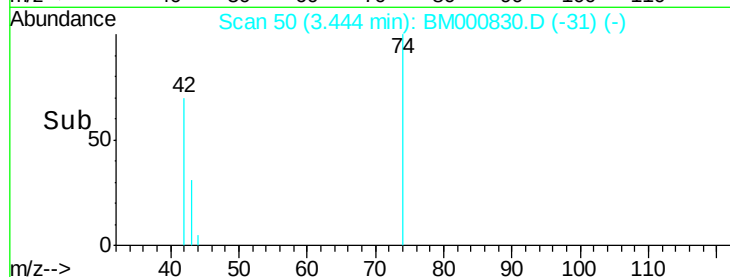
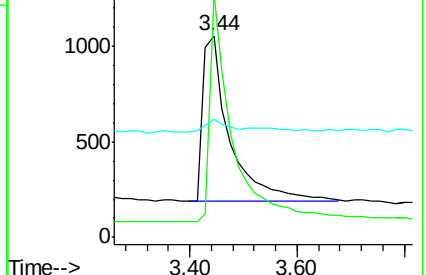
44 58.4 56.6 85.0



Abundance Ion 42.00 (41.70 to 42.70): BM000830.D (-31) (-)

Ion 74.00 (73.70 to 74.70): BM000830.D (-31) (-)

Ion 44.00 (43.70 to 44.70): BM000830.D (-31) (-)



#4

2-Fluorophenol

Concen: 1.11 ng

RT: 5.21 min Scan# 164

Delta R.T. -0.00 min

Lab File: BM000830.D

Acq: 03 Apr 2015 05:55

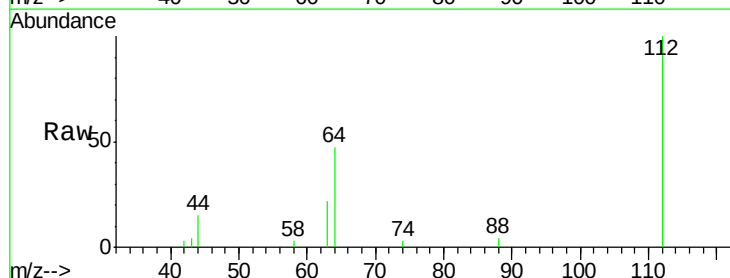
Tgt Ion: 112 Resp: 6915

Ion Ratio Lower Upper

112 100

64 47.4 40.3 60.5

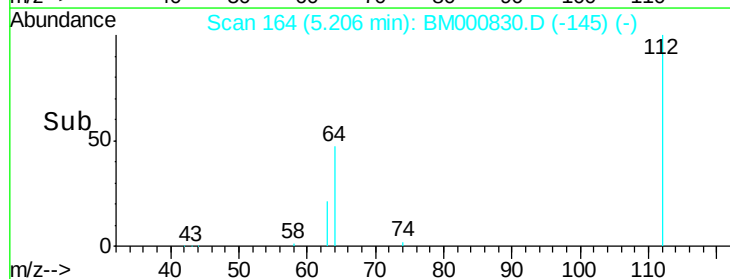
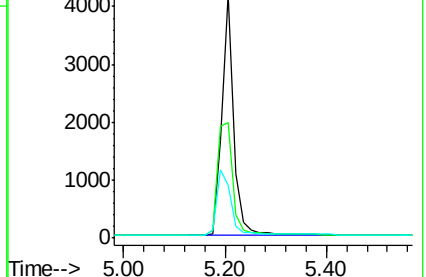
63 21.9 19.0 28.4

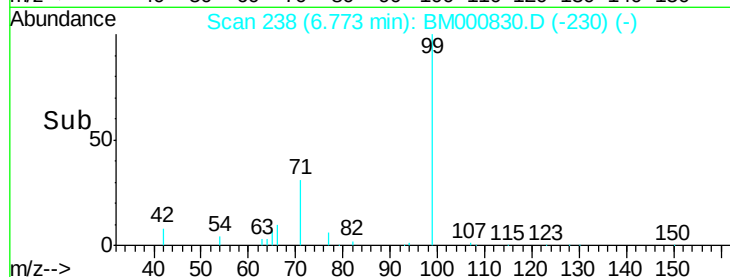
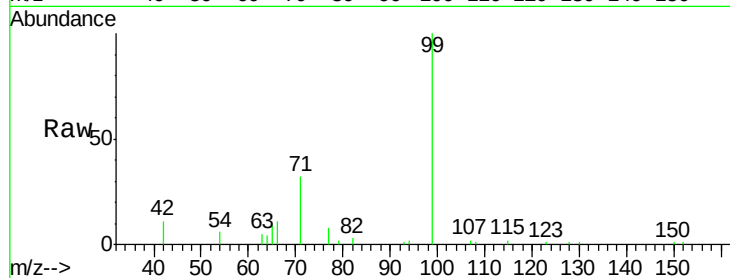
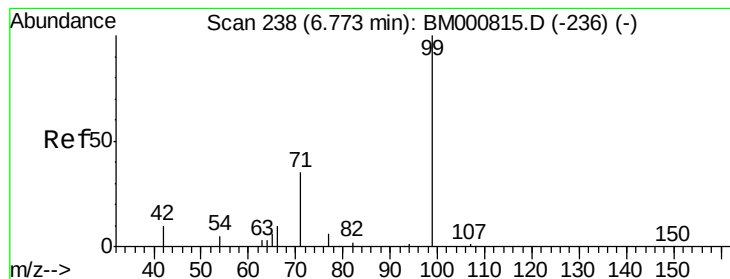


Abundance Ion 112.00 (111.70 to 112.70): BM000830.D (-145) (-)

Ion 64.00 (63.70 to 64.70): BM000830.D (-145) (-)

Ion 63.00 (62.70 to 63.70): BM000830.D (-145) (-)





#5

Phenol-d6

Concen: 1.08 ng

RT: 6.77 min Scan# 238

Delta R.T. 0.00 min

Lab File: BM000830.D

Acq: 03 Apr 2015 05:55

Instrument :

BNA_M

ClientSampled :

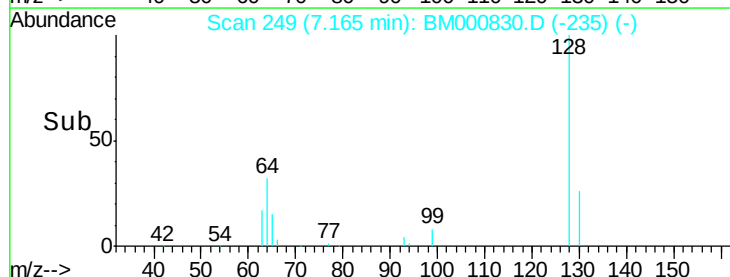
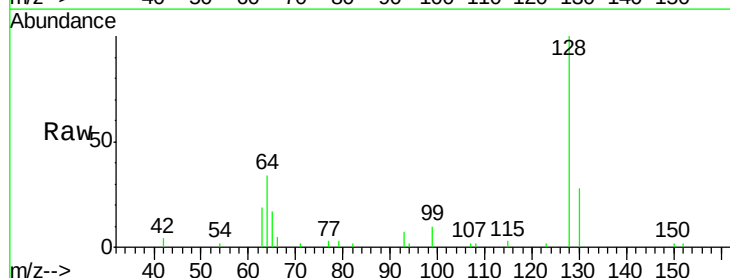
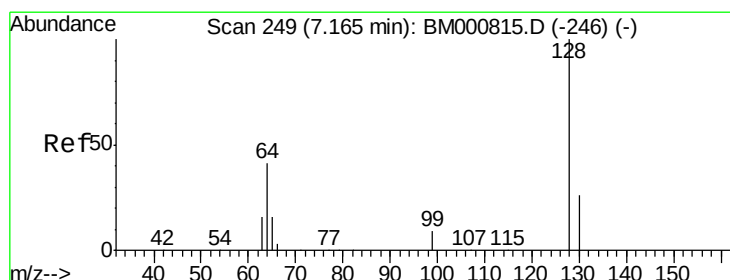
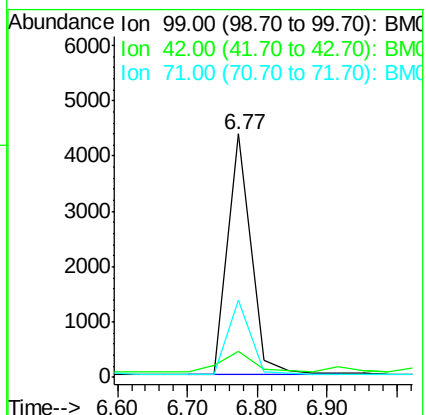
Tot Ion: 99 Resp: 10132

Ion Ratio Lower Upper

99 100

42 10.7 10.2 15.4

71 31.8 28.6 43.0



#6

2-Chlorophenol

Concen: 1.10 ng

RT: 7.17 min Scan# 249

Delta R.T. 0.00 min

Lab File: BM000830.D

Acq: 03 Apr 2015 05:55

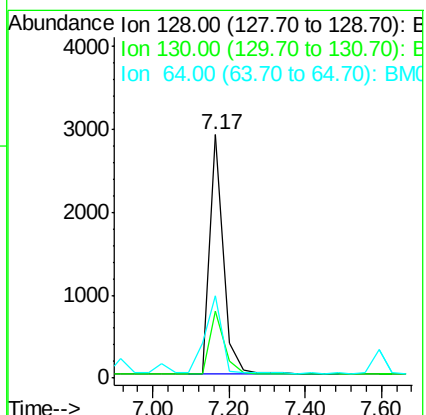
Tgt Ion: 128 Resp: 7197

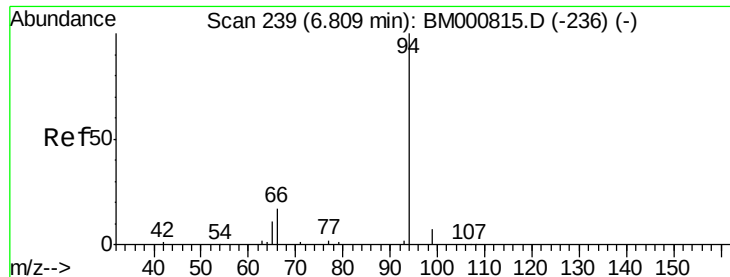
Ion Ratio Lower Upper

128 100

130 27.6 7.6 47.6

64 33.6 23.1 63.1





#7

Phenol

Concen: 1.04 ng

RT: 6.81 min Scan# 239

Delta R.T. -0.00 min

Lab File: BM000830.D

Acq: 03 Apr 2015 05:55

Instrument :

BNA_M

ClientSampleId :

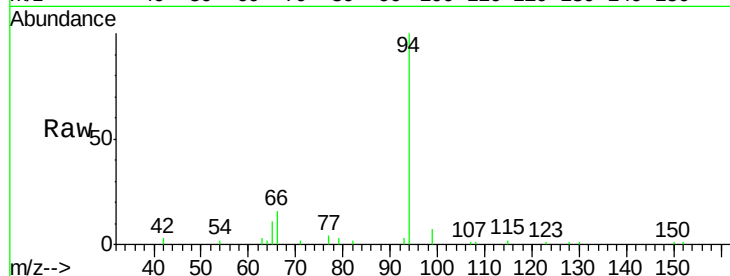
Tot Ion: 94 Resp: 9677

Ion Ratio Lower Upper

94 100

65 10.9 0.0 32.0

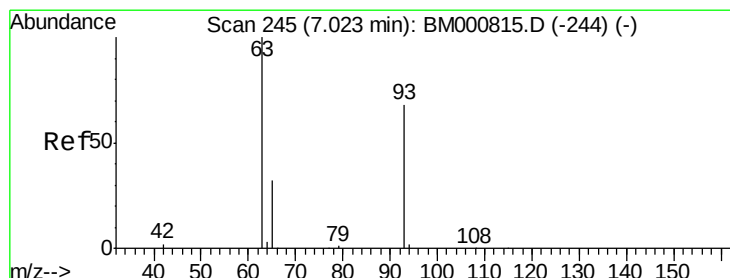
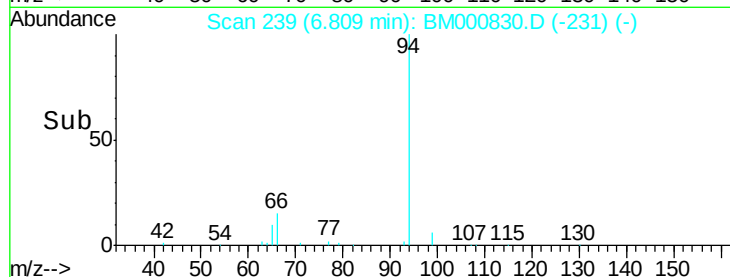
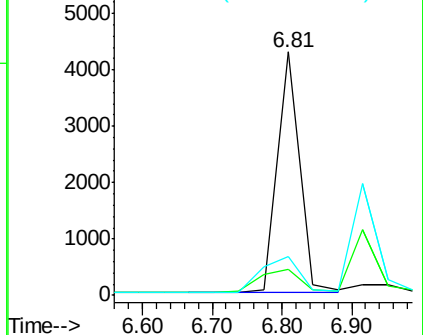
66 15.9 0.0 37.6



Abundance Ion 94.00 (93.70 to 94.70): BM000830.D (-236) (-)

Ion 65.00 (64.70 to 65.70): BM000830.D (-236) (-)

Ion 66.00 (65.70 to 66.70): BM000830.D (-236) (-)



#8

bis(2-Chloroethyl)ether

Concen: 1.06 ng

RT: 7.02 min Scan# 245

Delta R.T. 0.00 min

Lab File: BM000830.D

Acq: 03 Apr 2015 05:55

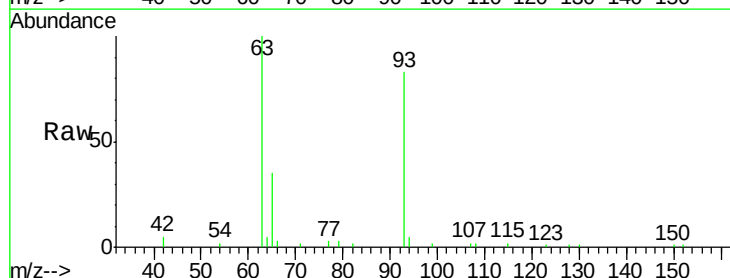
Tgt Ion: 93 Resp: 7114

Ion Ratio Lower Upper

93 100

63 120.7 118.9 158.9

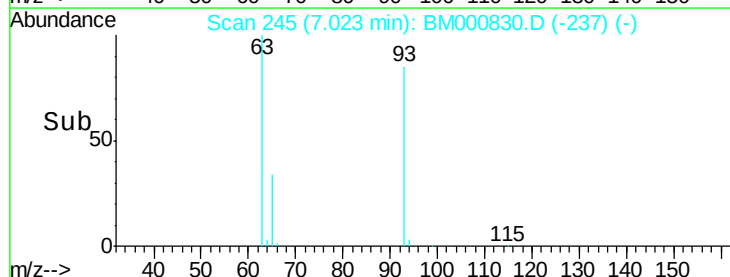
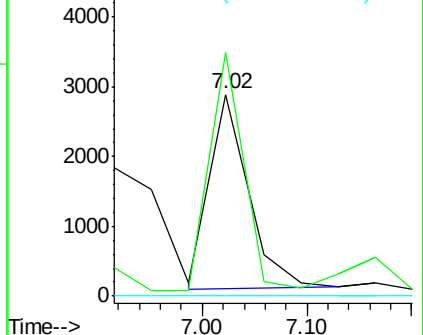
95 0.0 0.0 20.0

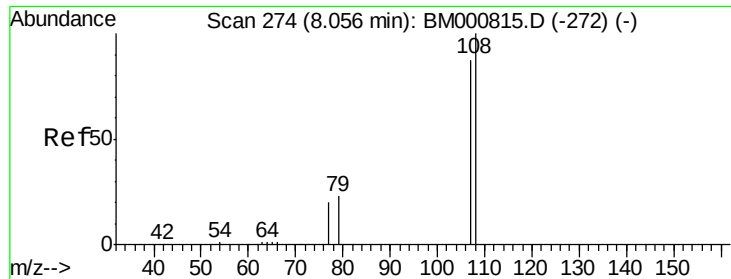


Abundance Ion 93.00 (92.70 to 93.70): BM000830.D (-244) (-)

Ion 63.00 (62.70 to 63.70): BM000830.D (-244) (-)

Ion 95.00 (94.70 to 95.70): BM000830.D (-244) (-)





#9

2-Methylphenol

Concen: 1.05 ng

RT: 8.06 min Scan# 274

Delta R.T. -0.00 min

Lab File: BM000830.D

Acq: 03 Apr 2015 05:55

Instrument :

BNA_M

ClientSampled :

Tot Ion:107 Resp: 7315

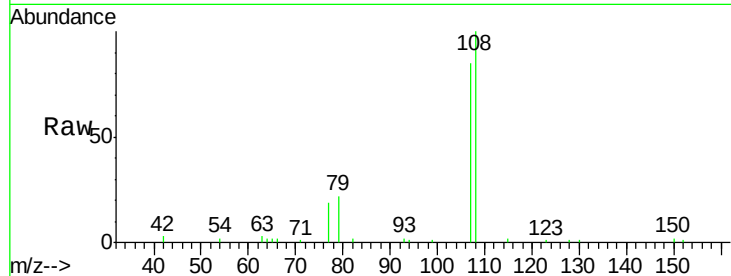
Ion Ratio Lower Upper

107 100

108 117.5 92.0 138.0

77 22.6 20.6 31.0

79 25.4 22.9 34.3

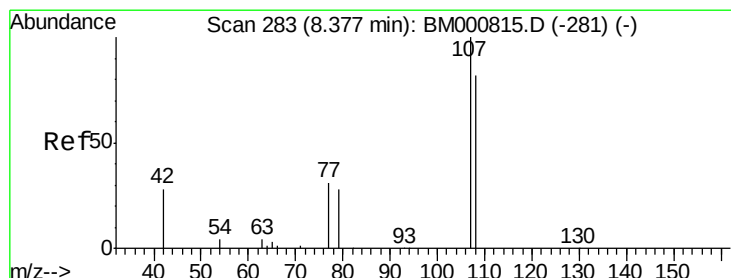
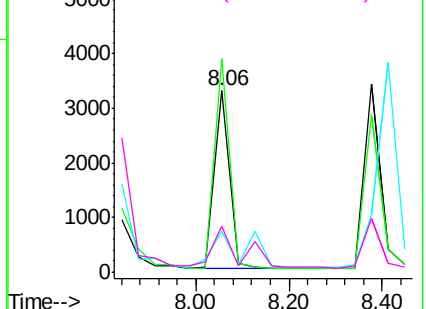
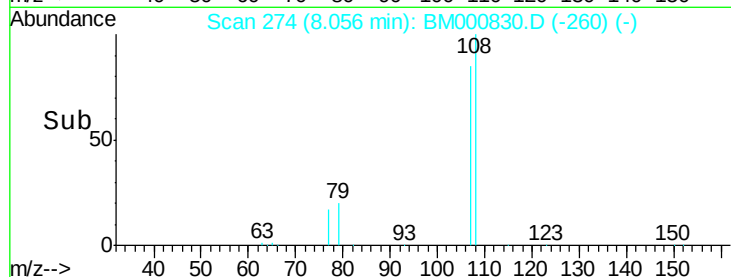


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#10

3+4-Methylphenols

Concen: 1.04 ng

RT: 8.38 min Scan# 283

Delta R.T. 0.00 min

Lab File: BM000830.D

Acq: 03 Apr 2015 05:55

Tgt Ion:107 Resp: 8378

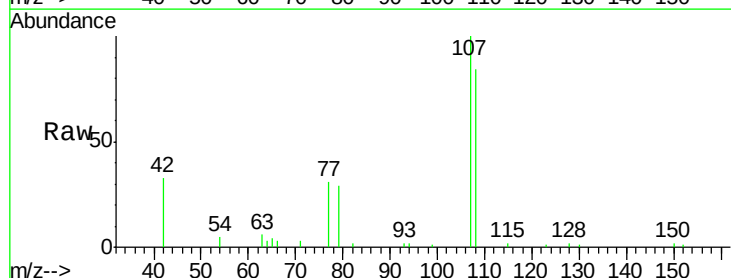
Ion Ratio Lower Upper

107 100

108 83.8 62.6 102.6

77 30.8 12.8 52.8

79 28.9 10.3 50.3

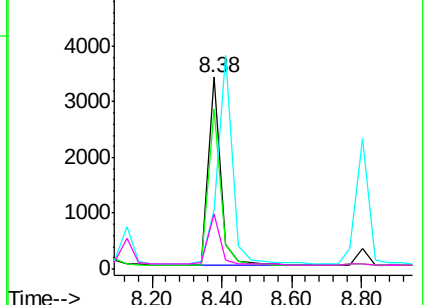
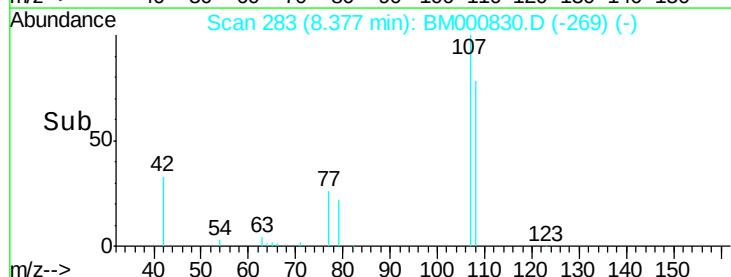


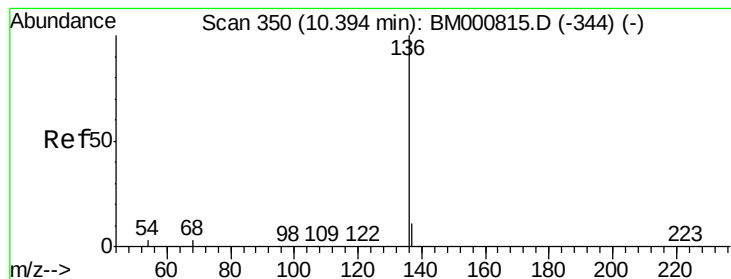
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM





#11

Naphthalene-d8

Concen: 5.00 ng

RT: 10.39 min Scan# 350

Delta R.T. -0.00 min

Lab File: BM000830.D

Acq: 03 Apr 2015 05:55

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 107146

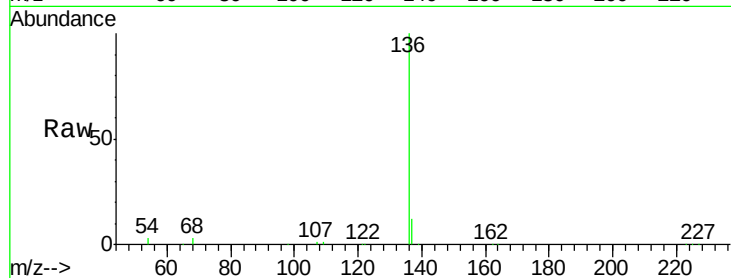
Ion Ratio Lower Upper

136 100

137 11.6 9.1 13.7

54 2.5 2.2 3.4

68 2.6 2.2 3.2

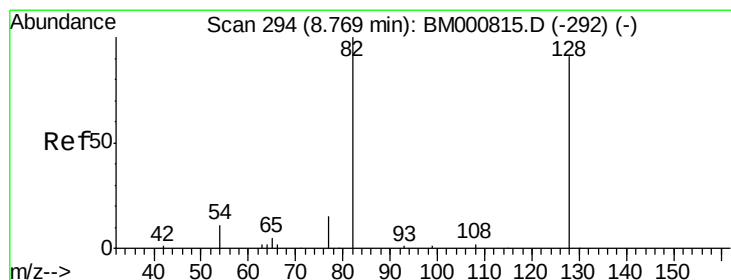
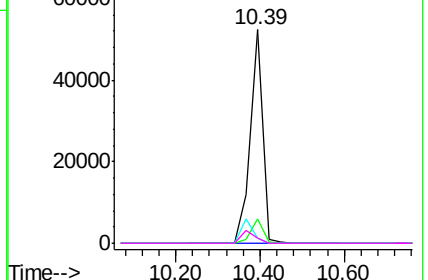
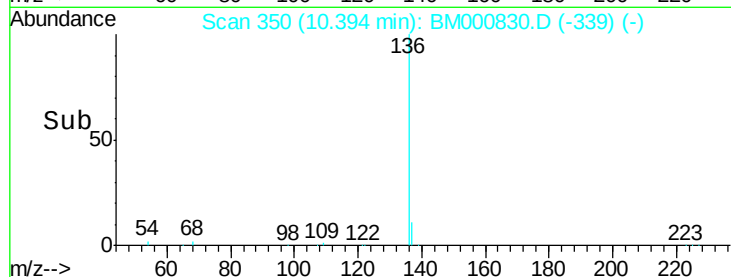


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.98 ng

RT: 8.77 min Scan# 294

Delta R.T. -0.00 min

Lab File: BM000830.D

Acq: 03 Apr 2015 05:55

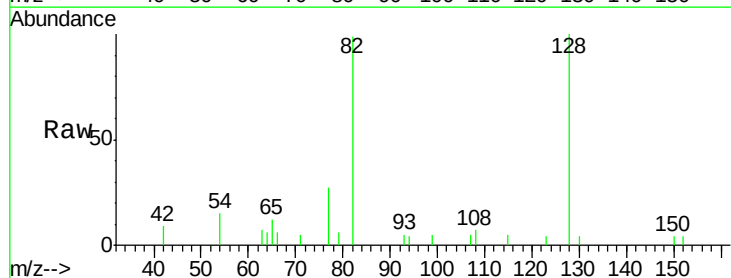
Tgt Ion: 82 Resp: 4914

Ion Ratio Lower Upper

82 100

128 100.7 72.5 108.7

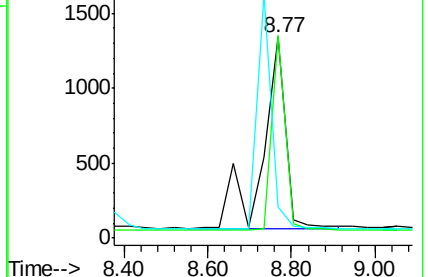
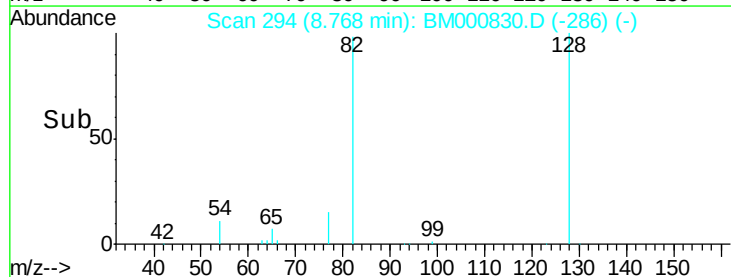
54 15.2 11.8 17.8

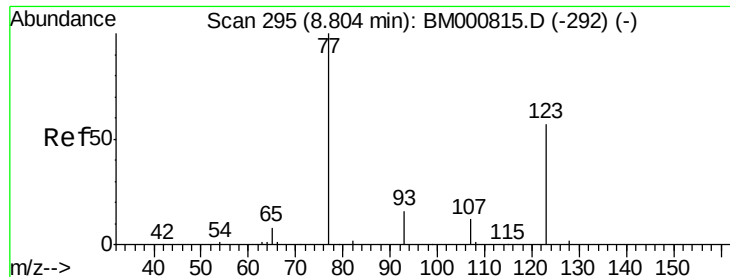


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM

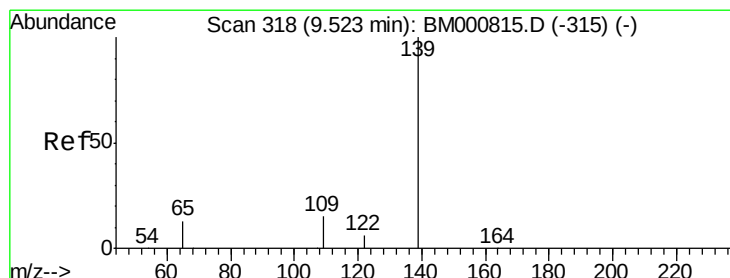
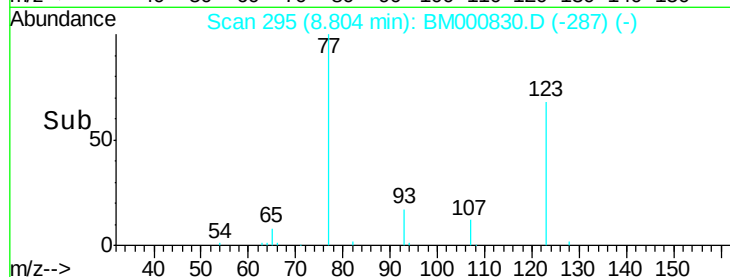
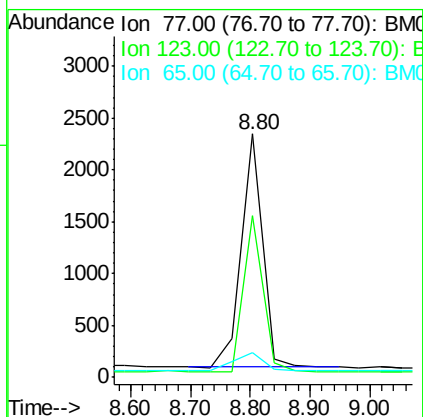
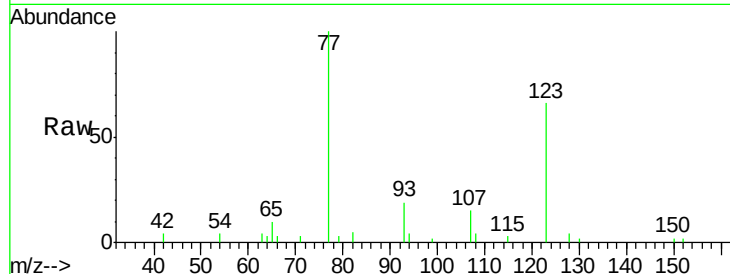




#13
Nitrobenzene
Concen: 0.96 ng
RT: 8.80 min Scan# 295
Delta R.T. -0.00 min
Lab File: BM000830.D
Acq: 03 Apr 2015 05:55

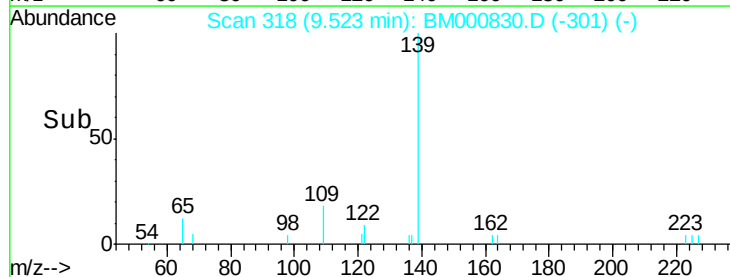
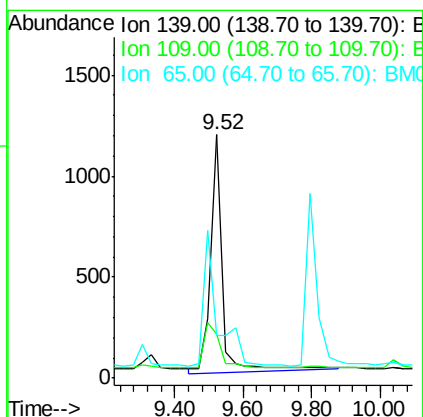
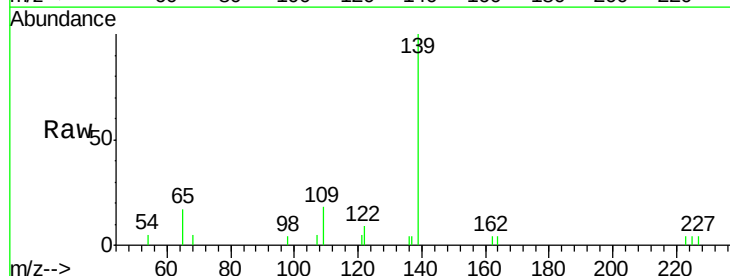
Instrument :
BNA_M
ClientSampleId :

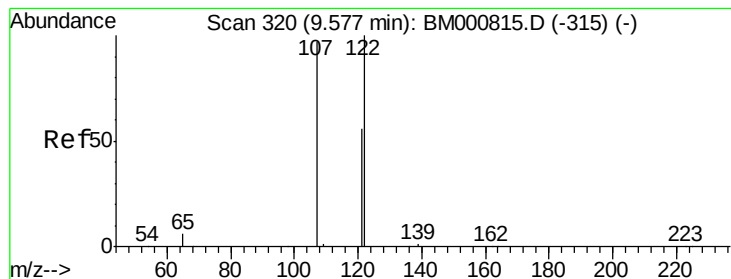
Tot Ion: 77 Resp: 5609
Ion Ratio Lower Upper
77 100
123 66.2 45.8 68.6
65 10.3 8.2 12.4



#14
2-Nitrophenol
Concen: 1.05 ng
RT: 9.52 min Scan# 318
Delta R.T. 0.00 min
Lab File: BM000830.D
Acq: 03 Apr 2015 05:55

Tgt Ion: 139 Resp: 2909
Ion Ratio Lower Upper
139 100
109 18.2 15.0 22.6
65 17.4 14.2 21.4





#15

2,4-Dimethylphenol

Concen: 1.06 ng

RT: 9.58 min Scan# 320

Delta R.T. -0.00 min

Lab File: BM000830.D

Acq: 03 Apr 2015 05:55

Instrument :

BNA_M

ClientSampleId :

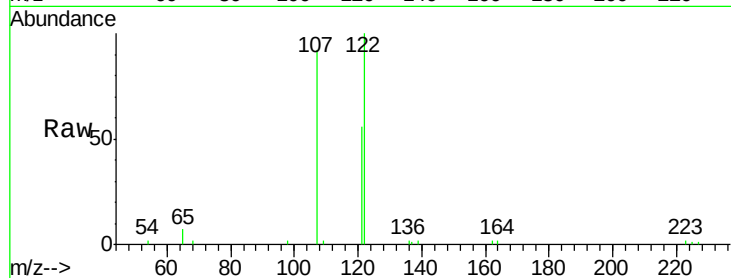
Tot Ion:122 Resp: 6445

Ion Ratio Lower Upper

122 100

107 92.5 78.2 117.4

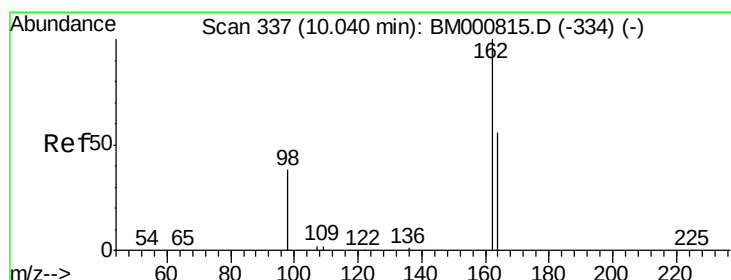
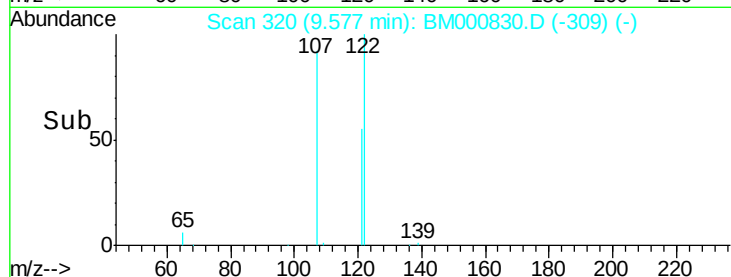
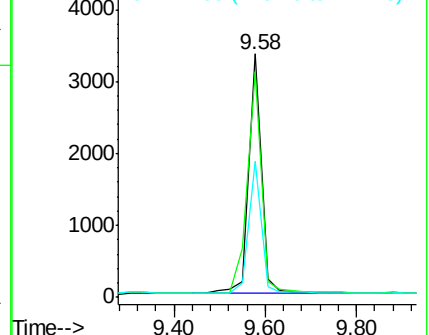
121 56.0 45.4 68.0



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: 1.03 ng

RT: 10.04 min Scan# 337

Delta R.T. 0.00 min

Lab File: BM000830.D

Acq: 03 Apr 2015 05:55

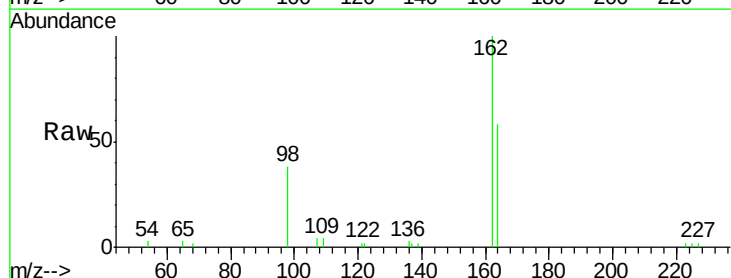
Tgt Ion:162 Resp: 5826

Ion Ratio Lower Upper

162 100

164 57.8 37.1 77.1

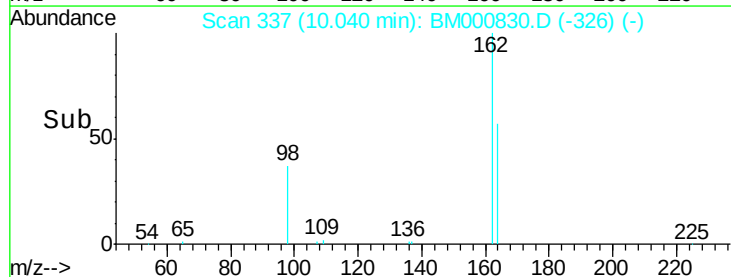
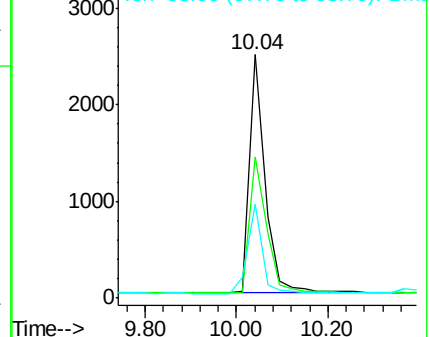
98 38.5 19.5 59.5

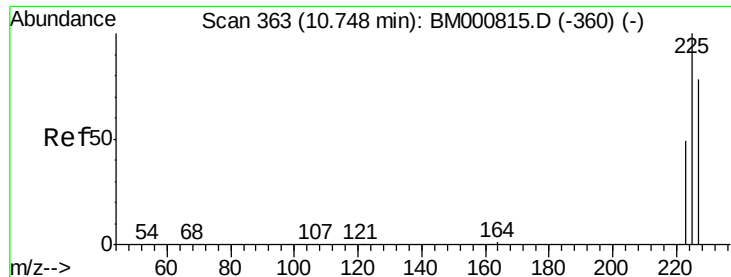


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM





#17

Hexachlorobutadiene

Concen: 1.03 ng

RT: 10.72 min Scan# 362

Delta R.T. -0.03 min

Lab File: BM000830.D

Acq: 03 Apr 2015 05:55

Instrument :

BNA_M

ClientSampleId :

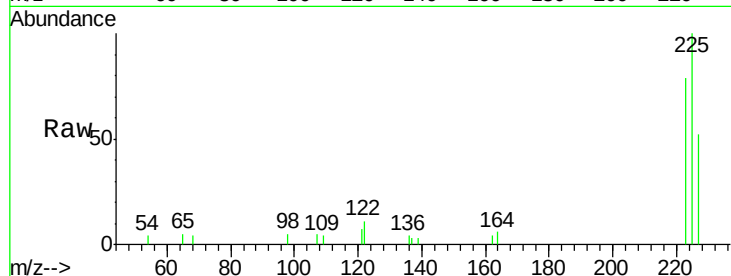
Tot Ion:225 Resp: 4283

Ion Ratio Lower Upper

225 100

223 78.8 40.8 61.2#

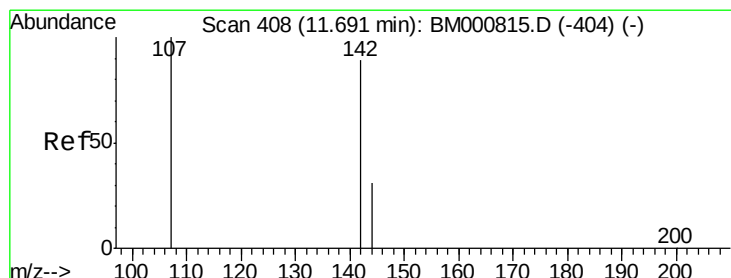
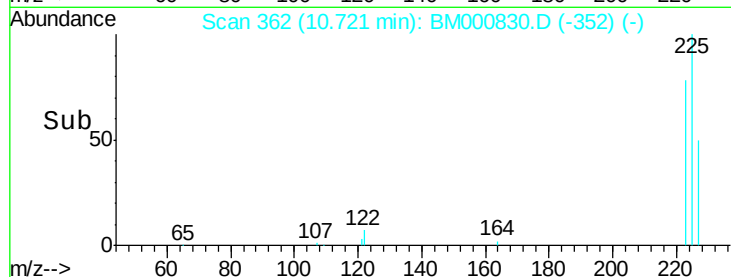
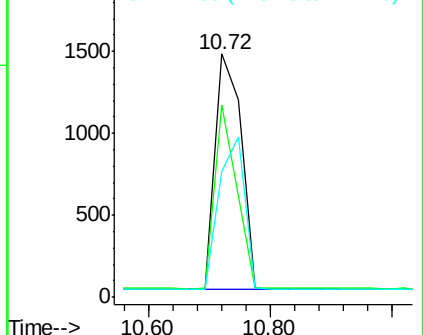
227 51.6 62.8 94.2#



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: 1.08 ng

RT: 11.69 min Scan# 408

Delta R.T. -0.00 min

Lab File: BM000830.D

Acq: 03 Apr 2015 05:55

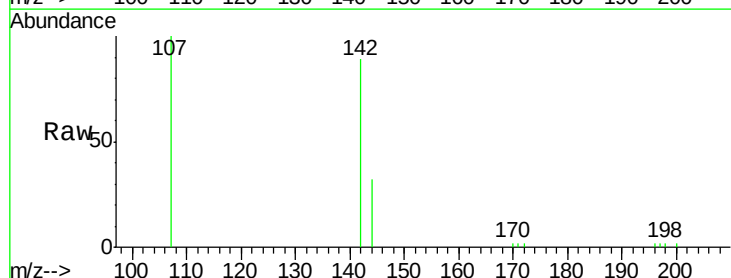
Tgt Ion:107 Resp: 5792

Ion Ratio Lower Upper

107 100

144 31.8 25.8 38.8

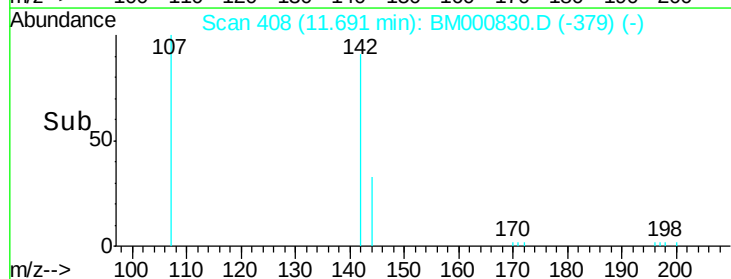
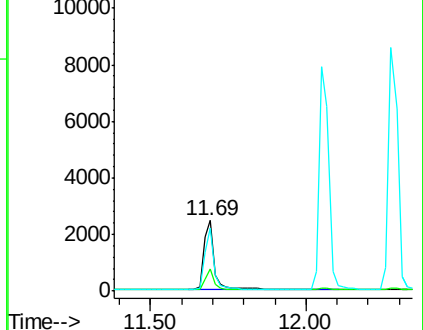
142 89.2 71.3 106.9

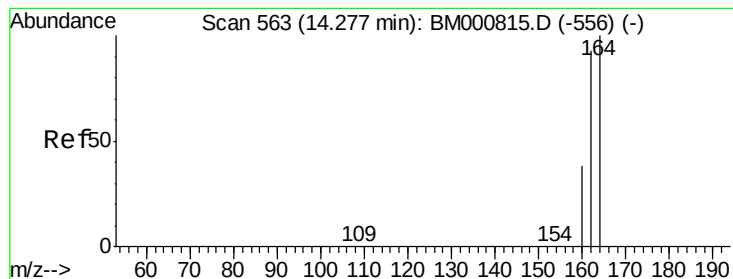


Abundance Ion 107.00 (106.70 to 107.70): E

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: BM000830.D

Acq: 03 Apr 2015 05:55

Instrument :

BNA_M

ClientSampleId :

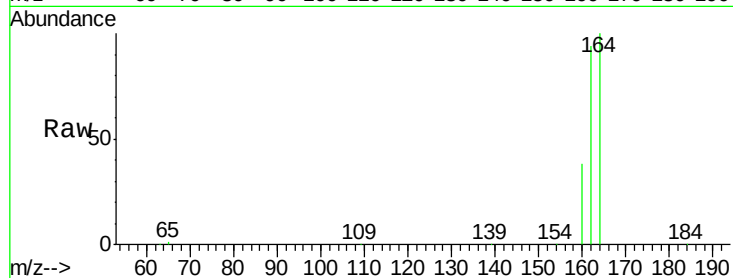
Tot Ion:164 Resp: 55779

Ion Ratio Lower Upper

164 100

162 94.1 74.2 111.2

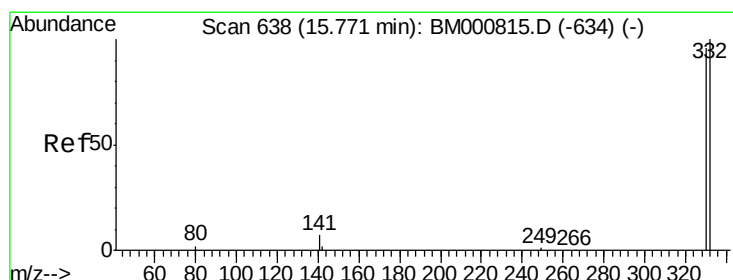
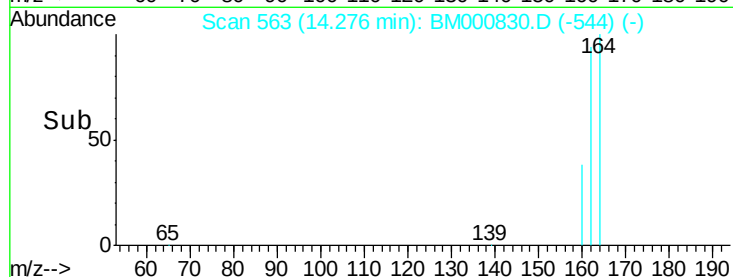
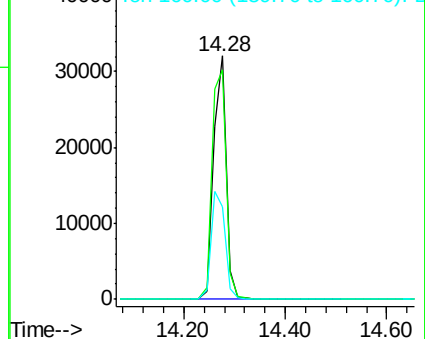
160 38.3 30.4 45.6



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: 0.88 ng

RT: 15.75 min Scan# 637

Delta R.T. -0.02 min

Lab File: BM000830.D

Acq: 03 Apr 2015 05:55

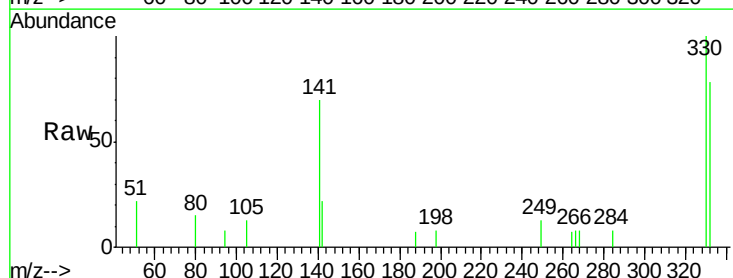
Tgt Ion:330 Resp: 1674

Ion Ratio Lower Upper

330 100

332 93.2 78.7 118.1

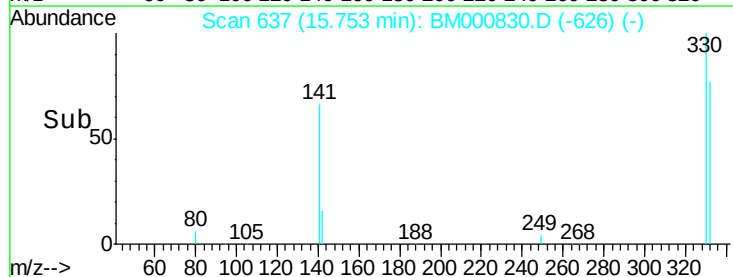
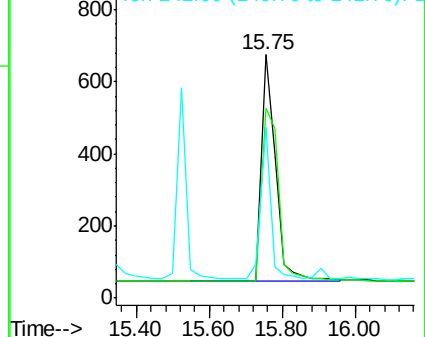
141 46.4 0.0 0.0#

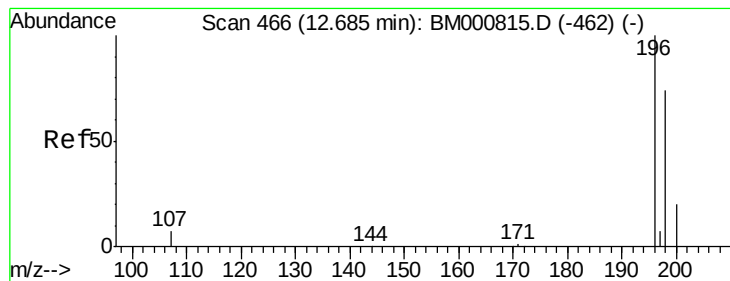


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#21

2,4,6-Trichlorophenol

Concen: 0.95 ng

RT: 12.69 min Scan# 466

Delta R.T. 0.00 min

Lab File: BM000830.D

Acq: 03 Apr 2015 05:55

Instrument :

BNA_M

ClientSampleId :

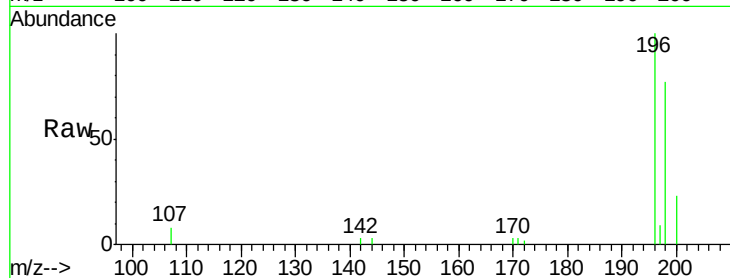
Tot Ion:196 Resp: 3521

Ion Ratio Lower Upper

196 100

198 76.7 59.5 89.3

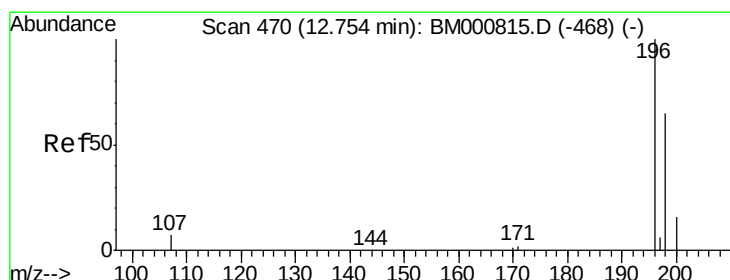
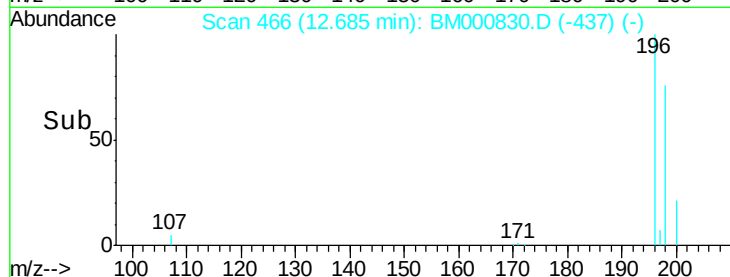
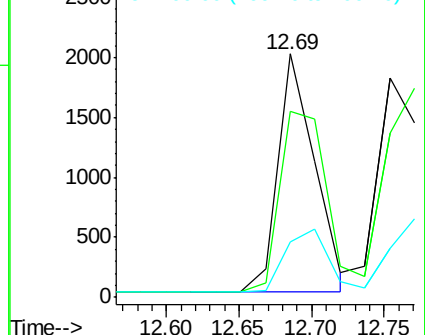
200 22.5 17.4 26.0



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#22

2,4,5-Trichlorophenol

Concen: 1.00 ng

RT: 12.75 min Scan# 470

Delta R.T. 0.00 min

Lab File: BM000830.D

Acq: 03 Apr 2015 05:55

Tgt Ion:196 Resp: 4440

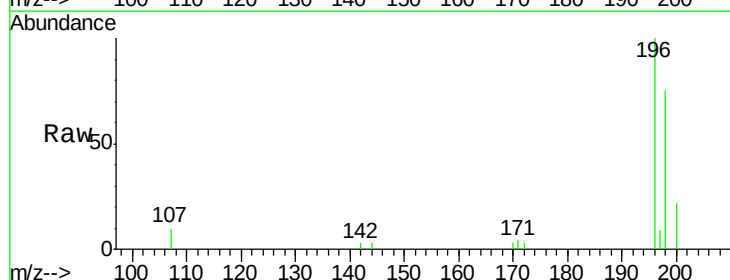
Ion Ratio Lower Upper

196 100

198 74.7 57.9 86.9

97 0.0 0.0 0.0

132 0.0 0.0 0.0

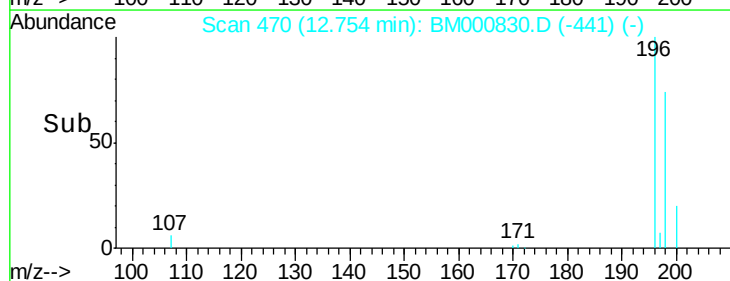
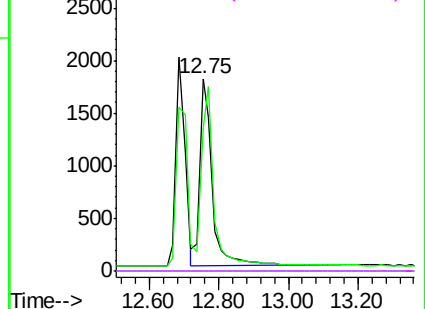


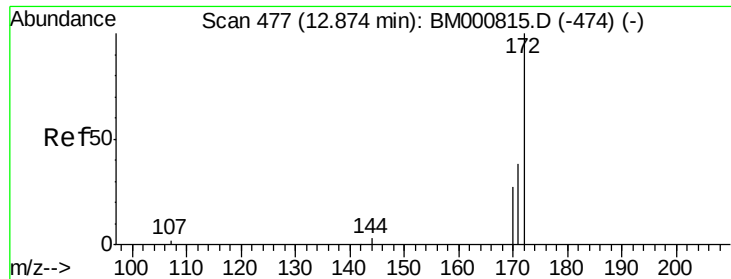
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BM

Ion 132.00 (131.70 to 132.70): E

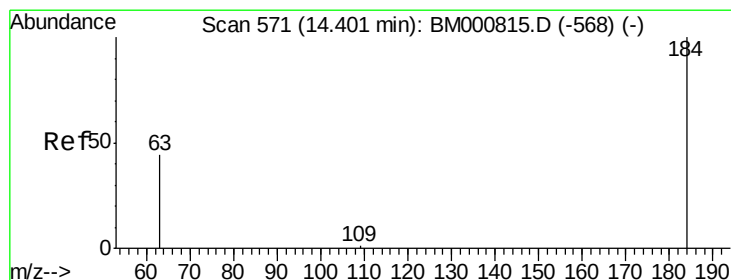
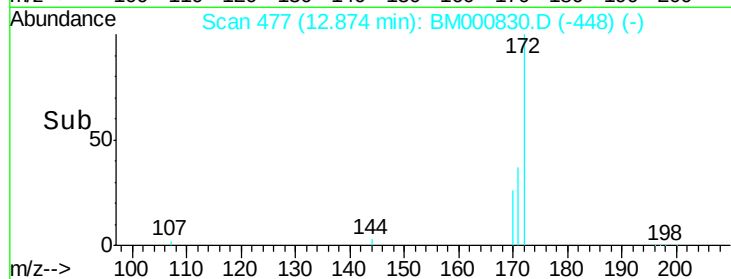
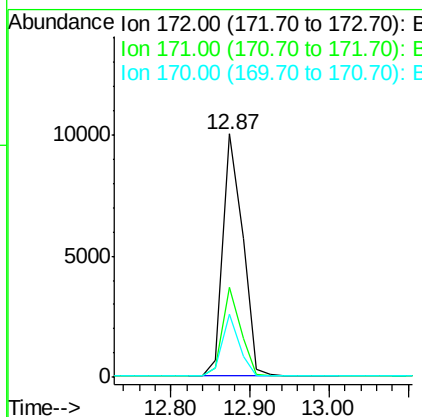
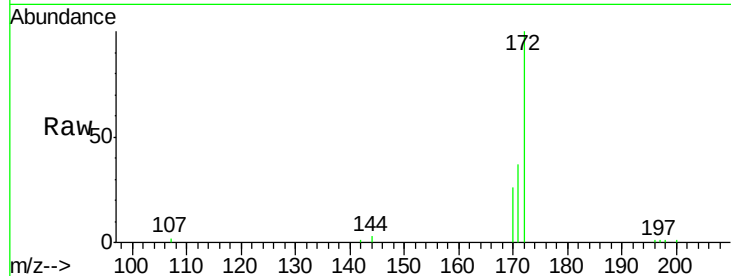




#23
2-Fluorobiphenyl
Concen: 1.01 ng
RT: 12.87 min Scan# 477
Delta R.T. -0.00 min
Lab File: BM000830.D
Acq: 03 Apr 2015 05:55

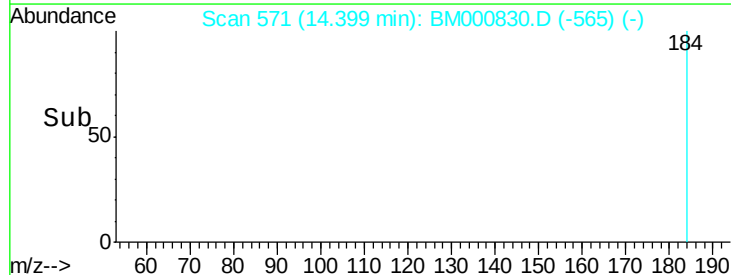
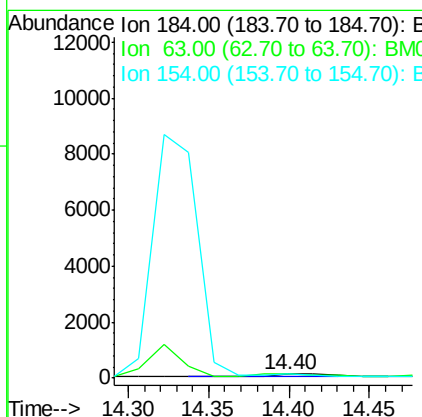
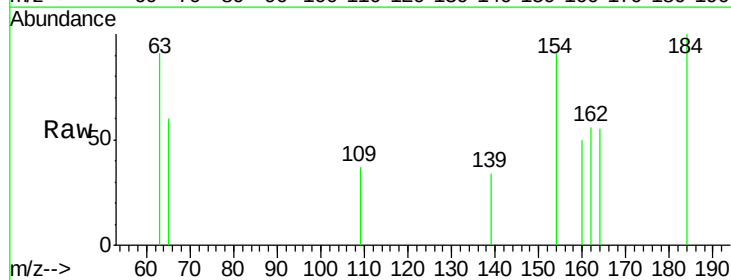
Instrument :
BNA_M
ClientSampled :

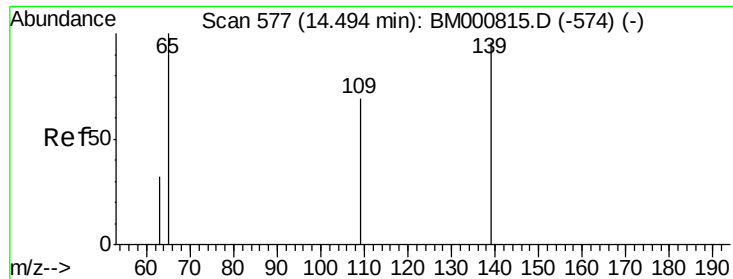
Tot Ion:172 Resp: 17310
Ion Ratio Lower Upper
172 100
171 37.1 30.6 46.0
170 26.1 22.2 33.2



#24
2,4-Dinitrophenol
Concen: 0.40 ng
RT: 14.40 min Scan# 571
Delta R.T. -0.00 min
Lab File: BM000830.D
Acq: 03 Apr 2015 05:55

Tgt Ion:184 Resp: 222
Ion Ratio Lower Upper
184 100
63 90.6 62.7 94.1
154 90.6 63.6 95.4





#25

4-Nitrophenol

Concen: 1.00 ng

RT: 14.49 min Scan# 577

Delta R.T. -0.00 min

Lab File: BM000830.D

Acq: 03 Apr 2015 05:55

Instrument :

BNA_M

ClientSampleId :

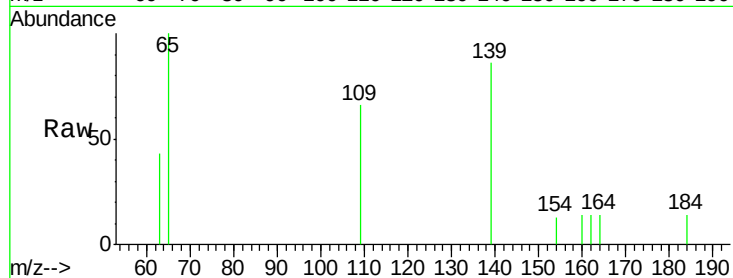
Tot Ion:139 Resp: 1092

Ion Ratio Lower Upper

139 100

109 77.5 58.2 98.2

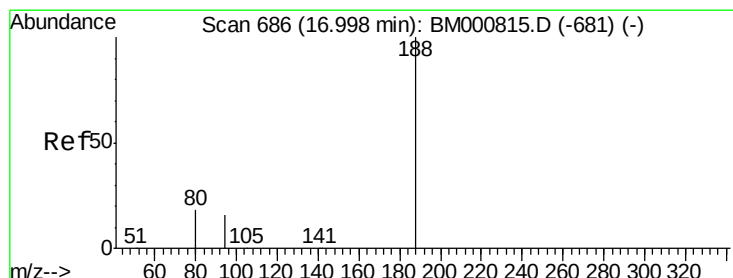
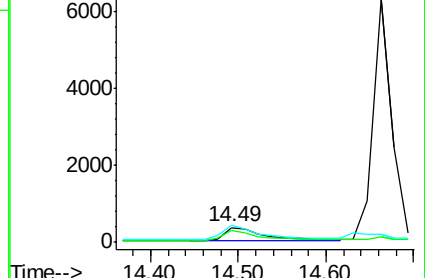
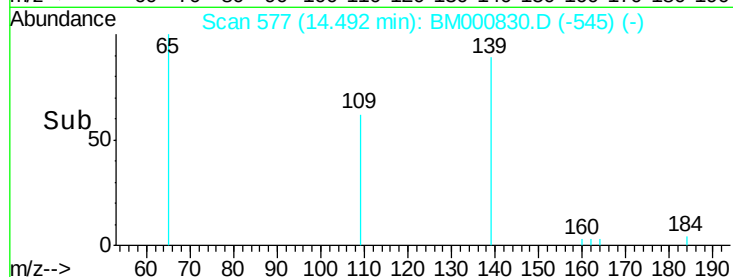
65 116.6 90.4 130.4



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM



#26

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.01 min Scan# 686

Delta R.T. 0.01 min

Lab File: BM000830.D

Acq: 03 Apr 2015 05:55

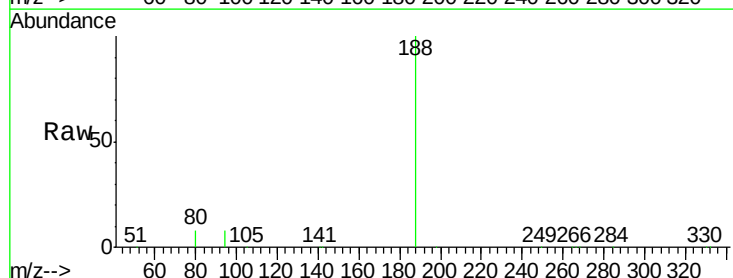
Tgt Ion:188 Resp: 140720

Ion Ratio Lower Upper

188 100

94 7.9 13.0 19.6#

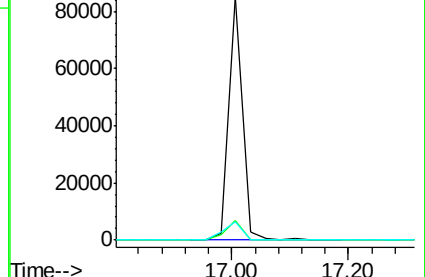
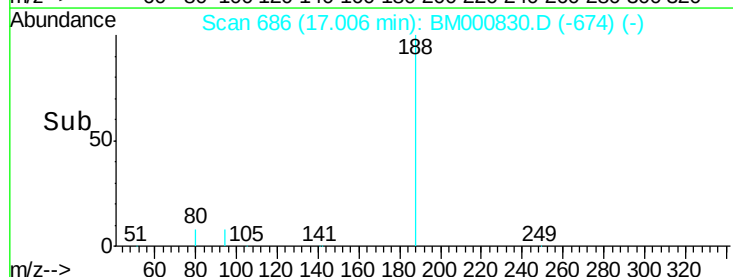
80 7.6 14.7 22.1#

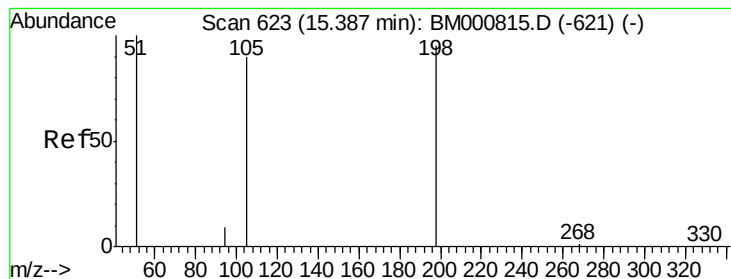


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM





#27

4,6-Dinitro-2-methylphenol

Concen: 0.96 ng

RT: 15.40 min Scan# 623

Delta R.T. 0.01 min

Lab File: BM000830.D

Acq: 03 Apr 2015 05:55

Instrument :

BNA_M

ClientSampleId :

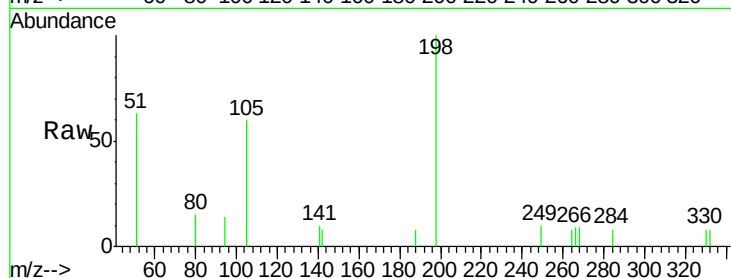
Tot Ion:198 Resp: 1186

Ion Ratio Lower Upper

198 100

51 62.7 139.3 179.3#

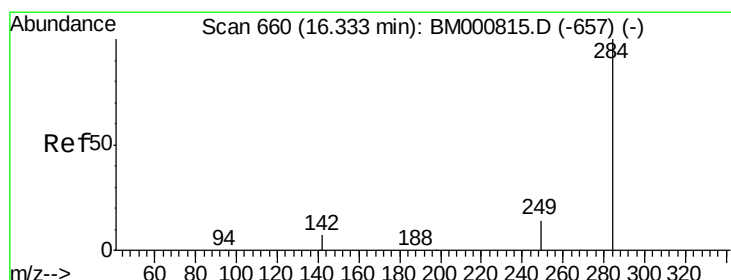
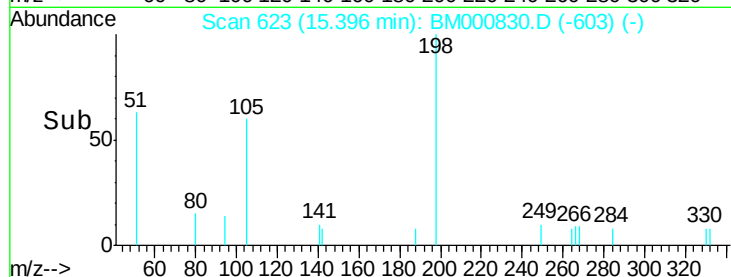
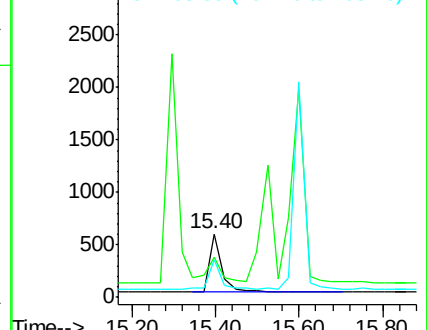
105 59.6 88.8 128.8#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E



#28

Hexachlorobenzene

Concen: 0.74 ng

RT: 16.32 min Scan# 659

Delta R.T. -0.02 min

Lab File: BM000830.D

Acq: 03 Apr 2015 05:55

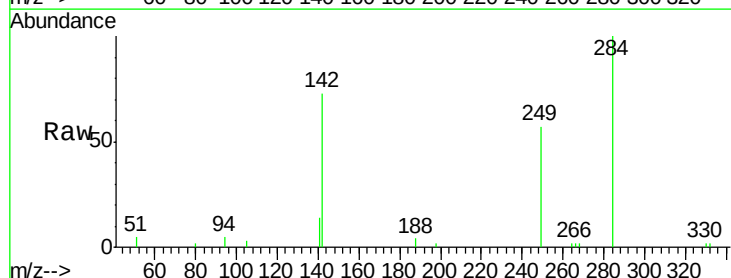
Tgt Ion:284 Resp: 5893

Ion Ratio Lower Upper

284 100

142 72.5 6.5 9.7#

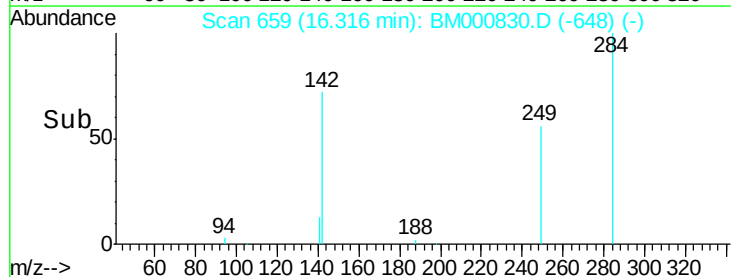
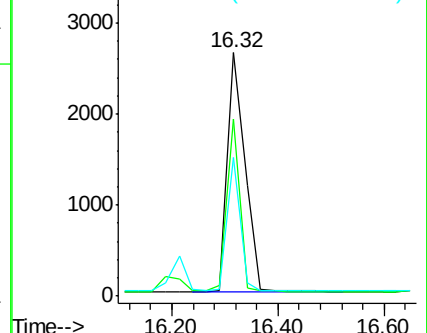
249 57.2 12.6 18.8#

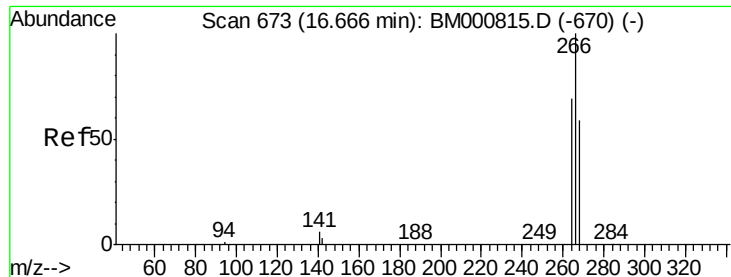


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

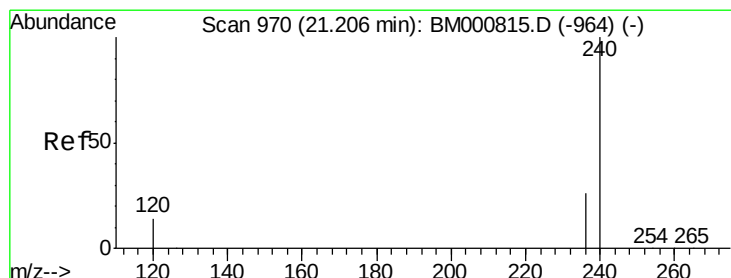
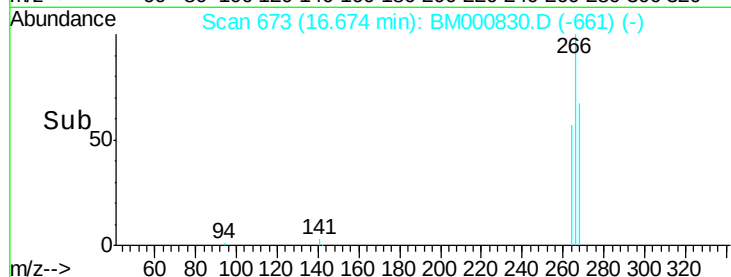
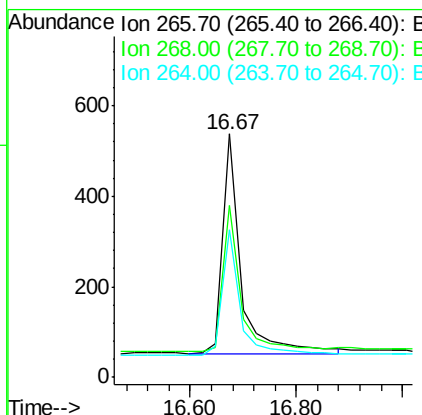
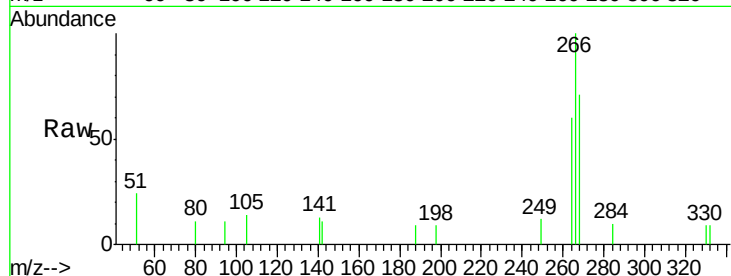




#29
 Pentachlorophenol
 Concen: 0.82 ng
 RT: 16.67 min Scan# 673
 Delta R.T. 0.01 min
 Lab File: BM000830.D
 Acq: 03 Apr 2015 05:55

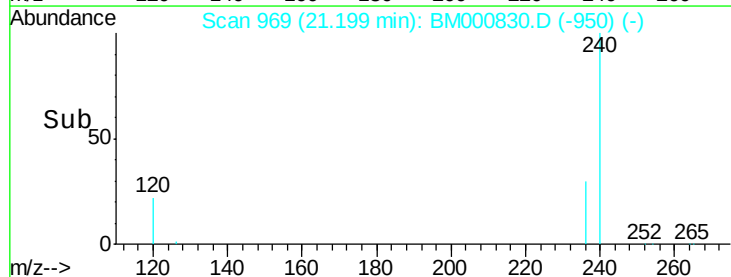
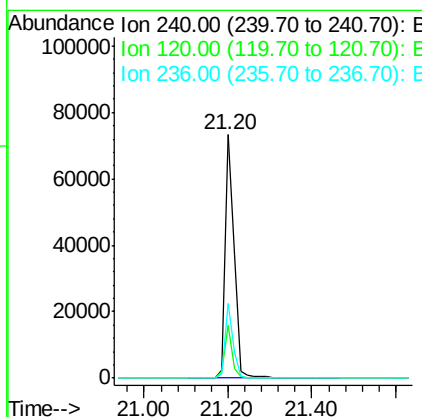
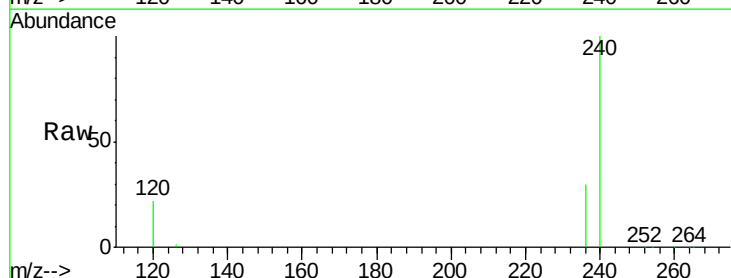
Instrument :
 BNA_M
 ClientSampleId :

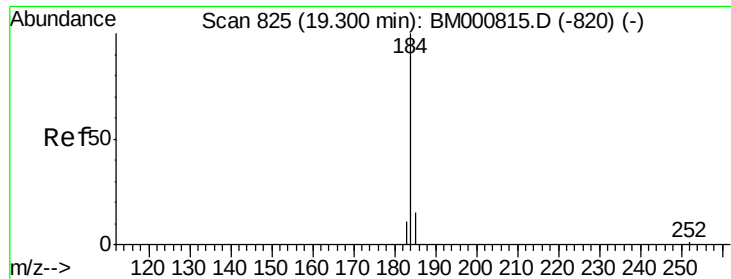
Tot Ion:266 Resp: 1143
 Ion Ratio Lower Upper
 266 100
 268 70.8 51.4 77.0
 264 60.4 57.1 85.7



#30
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.20 min Scan# 969
 Delta R.T. -0.01 min
 Lab File: BM000830.D
 Acq: 03 Apr 2015 05:55

Tgt Ion:240 Resp: 109974
 Ion Ratio Lower Upper
 240 100
 120 21.8 11.3 16.9#
 236 30.4 21.1 31.7





#31

Benzidine

Concen: 1.67 ng

RT: 19.27 min Scan# 822

Delta R.T. -0.03 min

Lab File: BM000830.D

Acq: 03 Apr 2015 05:55

Instrument :

BNA_M

ClientSampleId :

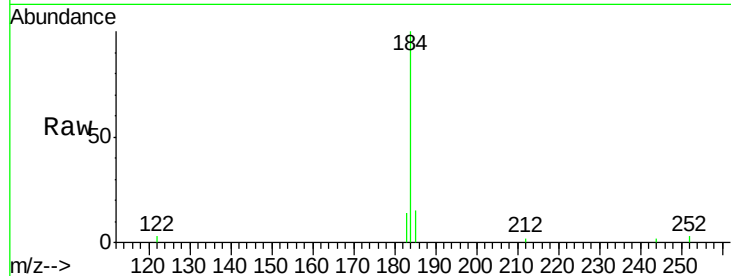
Tot Ion:184 Resp: 6401

Ion Ratio Lower Upper

184 100

185 15.1 39.1 58.7#

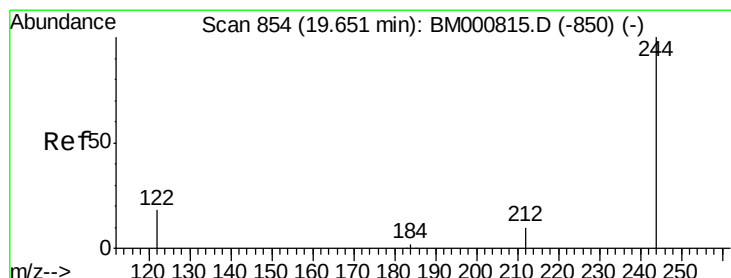
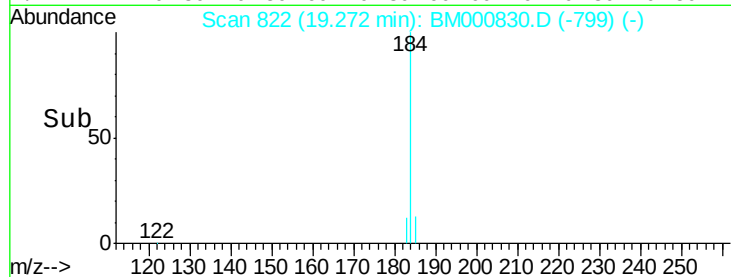
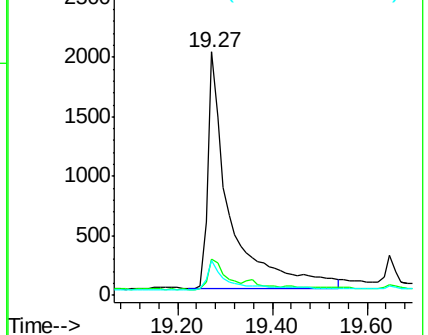
183 14.1 36.1 54.1#



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

Terphenyl-d14

Concen: 1.02 ng

RT: 19.66 min Scan# 854

Delta R.T. 0.01 min

Lab File: BM000830.D

Acq: 03 Apr 2015 05:55

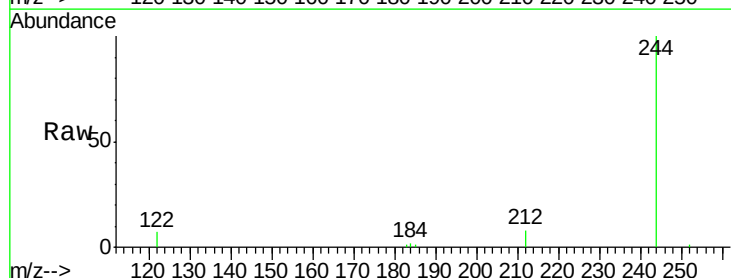
Tgt Ion:244 Resp: 13567

Ion Ratio Lower Upper

244 100

212 8.2 8.0 12.0

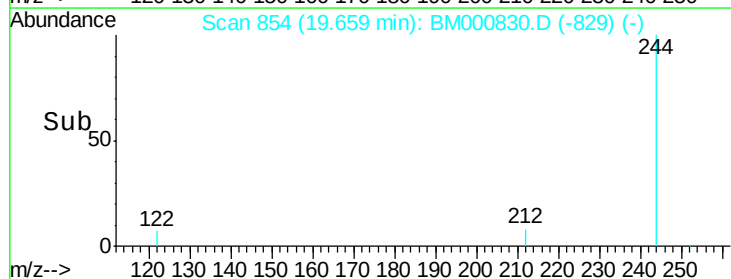
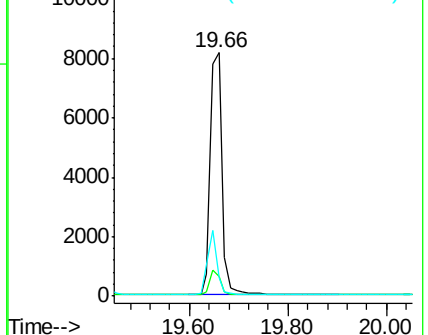
122 7.5 14.7 22.1#

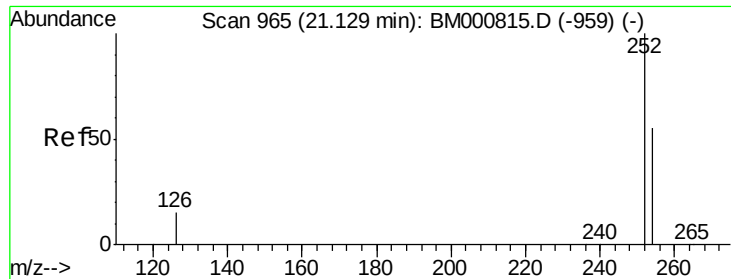


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#33

3,3'-Dichlorobenzidine

Concen: 1.01 ng

RT: 21.14 min Scan# 965

Delta R.T. 0.01 min

Lab File: BM000830.D

Acq: 03 Apr 2015 05:55

Instrument :

BNA_M

ClientSampleId :

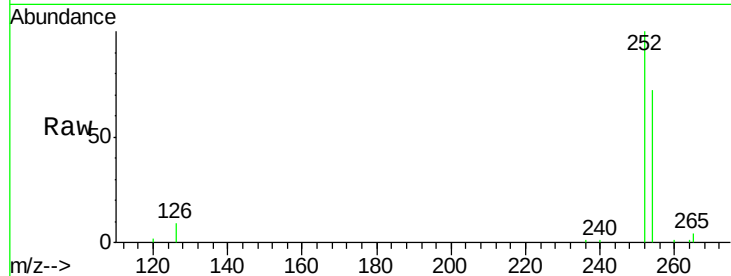
Tot Ion:252 Resp: 8439

Ion Ratio Lower Upper

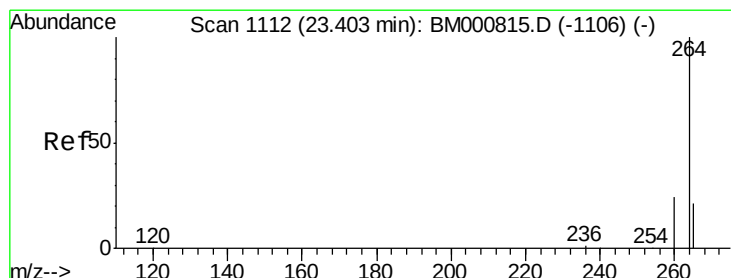
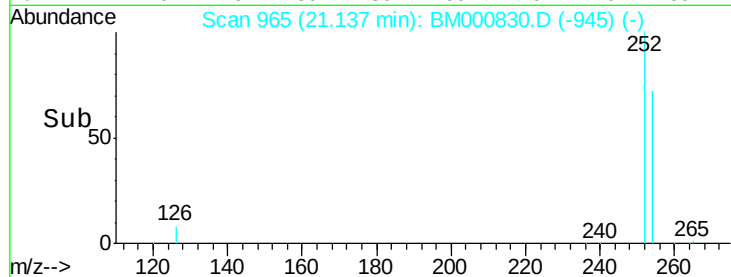
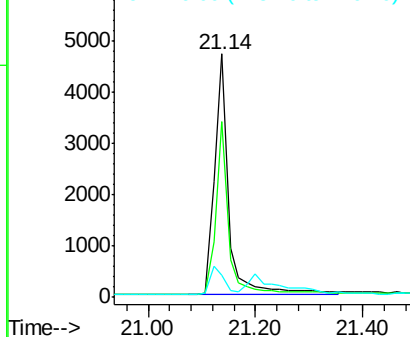
252 100

254 72.2 44.5 66.7#

126 9.2 13.6 20.4#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



#34

Perylene-d12

Concen: 5.00 ng

RT: 23.40 min Scan# 1111

Delta R.T. -0.01 min

Lab File: BM000830.D

Acq: 03 Apr 2015 05:55

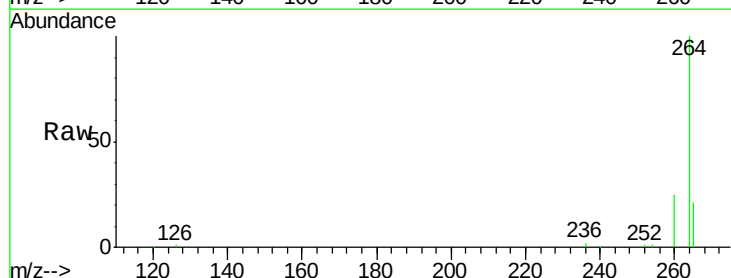
Tgt Ion:264 Resp: 101294

Ion Ratio Lower Upper

264 100

260 25.5 19.1 28.7

265 21.1 17.5 26.3



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

