

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040315\
 Data File : BM000819.D
 Acq On : 02 Apr 2015 22:44
 Operator : TP/IZ
 Sample : SSTDICV001
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM040315

Quant Time: Apr 03 18:28:18 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 18:16:53 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	27611	5.00	ng	0.00
11) Naphthalene-d8	10.39	136	127534	5.00	ng	0.00
19) Acenaphthene-d10	14.28	164	62543	5.00	ng	0.00
26) Phenanthrene-d10	17.00	188	124983	5.00	ng	0.00
30) Chrysene-d12	21.21	240	120032	5.00	ng	0.00
34) Perylene-d12	23.40	264	107252	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	7924	1.04	ng	0.00
5) Phenol-d6	6.77	99	11263	1.00	ng	0.00
12) Nitrobenzene-d5	8.77	82	5912	0.99	ng	0.00
20) 2,4,6-Tribromophenol	15.77	330	2071	0.95	ng	0.00
23) 2-Fluorobiphenyl	12.87	172	20091	1.04	ng	0.00
32) Terphenyl-d14	19.65	244	15045	1.04	ng	0.00

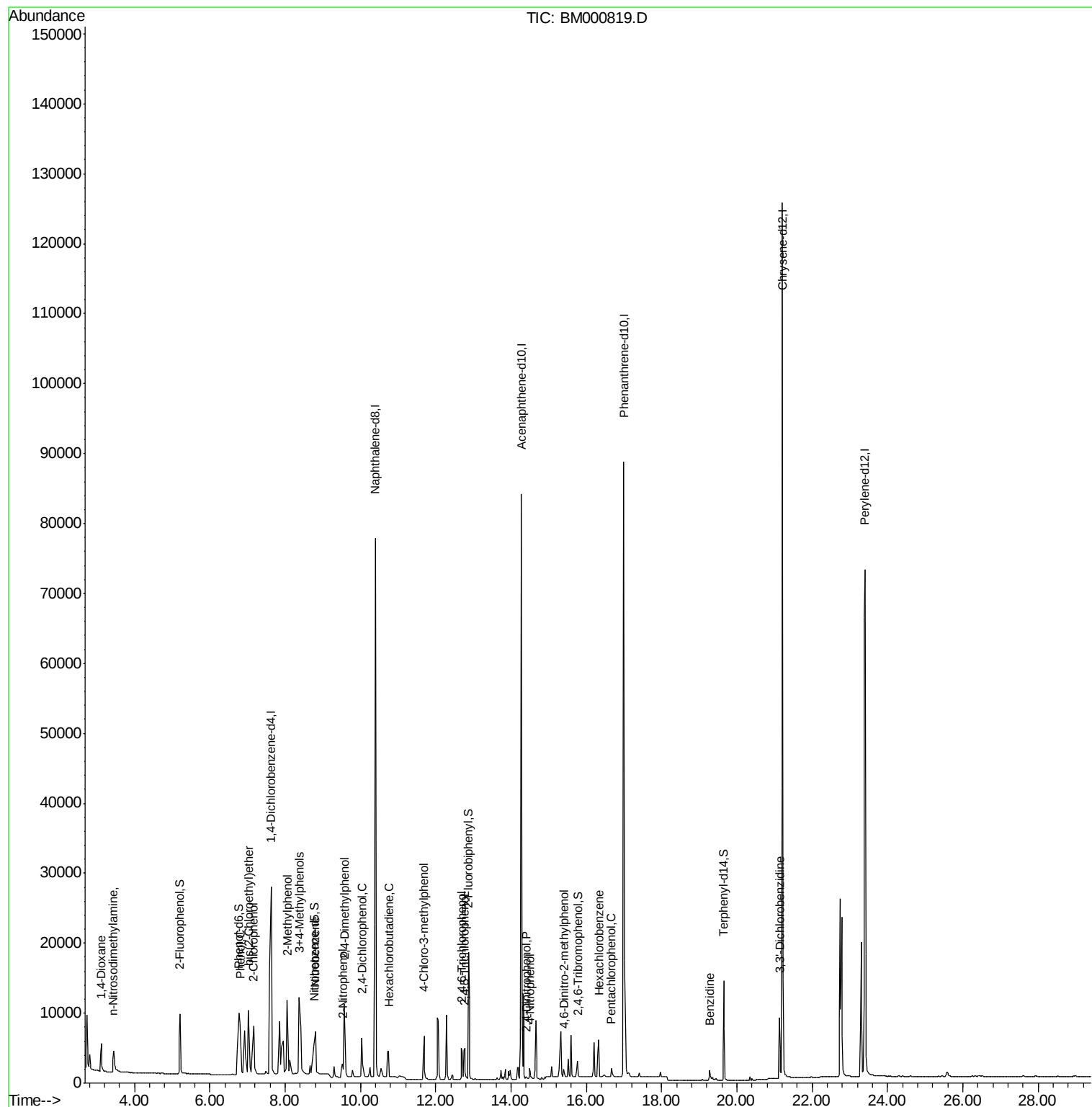
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.12	88	3670	0.98	ng	94
3) n-Nitrosodimethylamine	3.43	42	3666	1.04	ng	# 33
6) 2-Chlorophenol	7.17	128	7843	1.00	ng	98
7) Phenol	6.81	94	11776	1.03	ng	97
8) bis(2-Chloroethyl)ether	7.02	93	7842	0.98	ng	100
9) 2-Methylphenol	8.06	107	8625	1.02	ng	99
10) 3+4-Methylphenols	8.38	107	9470	0.97	ng	99
13) Nitrobenzene	8.80	77	7221	1.04	ng	99
14) 2-Nitrophenol	9.52	139	3494	1.03	ng	98
15) 2,4-Dimethylphenol	9.58	122	7607	1.05	ng	100
16) 2,4-Dichlorophenol	10.04	162	6701	1.00	ng	99
17) Hexachlorobutadiene	10.75	225	5043	1.02	ng	100
18) 4-Chloro-3-methylphenol	11.69	107	6435	1.01	ng	98
21) 2,4,6-Trichlorophenol	12.69	196	4030	0.97	ng	100
22) 2,4,5-Trichlorophenol	12.75	196	4965	1.07	ng	99
24) 2,4-Dinitrophenol	14.40	184	277	0.45	ng	99
25) 4-Nitrophenol	14.49	139	1299	1.04	ng	98
27) 4,6-Dinitro-2-methylphenol	15.41	198	1063	0.89	ng	# 30
28) Hexachlorobenzene	16.33	284	7600	1.05	ng	100
29) Pentachlorophenol	16.67	266	1342	1.03	ng	97
31) Benzidine	19.28	184	4102	1.18	ng	# 53
33) 3,3'-Dichlorobenzidine	21.13	252	8656	0.96	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: 7.63 min Scan# 262

Delta R.T. -0.00 min

Lab File: BM000819.D

Acq: 02 Apr 2015 22:44

Instrument :

BNA_M

ClientSampleId :

ICVBM040315

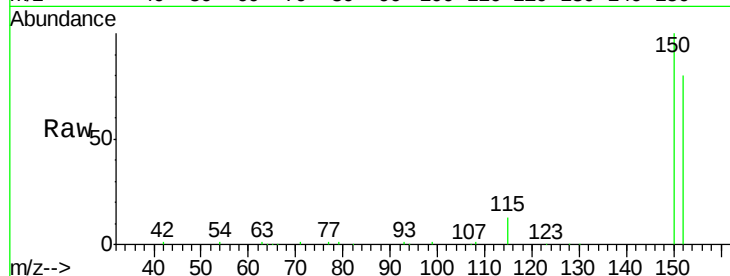
Tot Ion:152 Resp: 27611

Ion Ratio Lower Upper

152 100

150 124.4 99.8 149.6

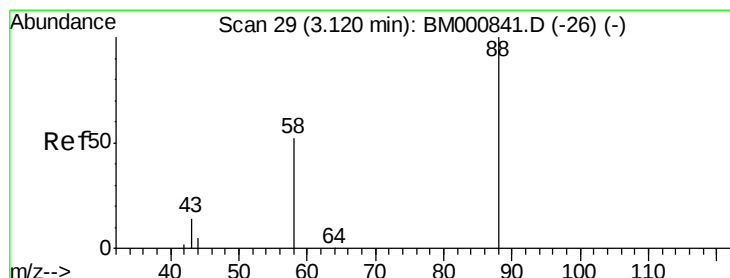
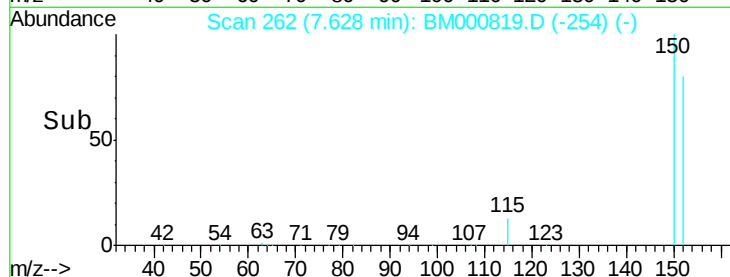
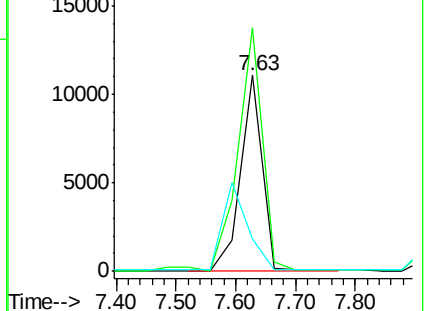
115 16.7 13.5 20.3



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: 0.98 ng

RT: 3.12 min Scan# 29

Delta R.T. 0.00 min

Lab File: BM000819.D

Acq: 02 Apr 2015 22:44

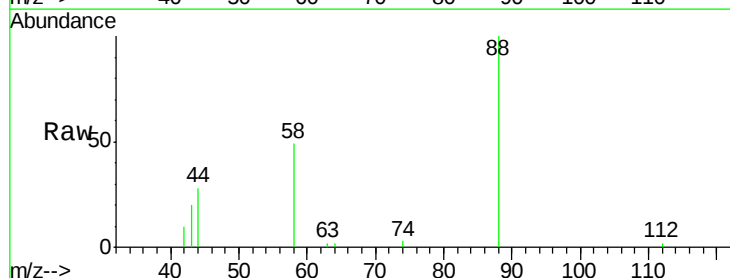
Tgt Ion: 88 Resp: 3670

Ion Ratio Lower Upper

88 100

58 76.5 57.0 85.4

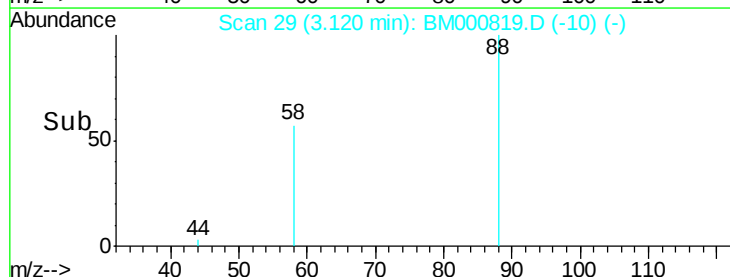
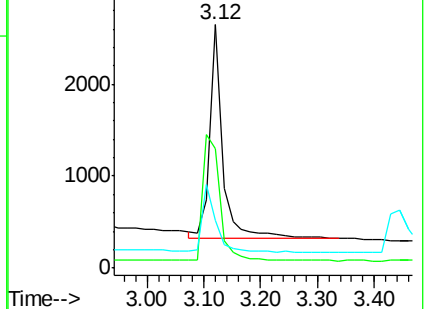
43 34.0 29.2 43.8

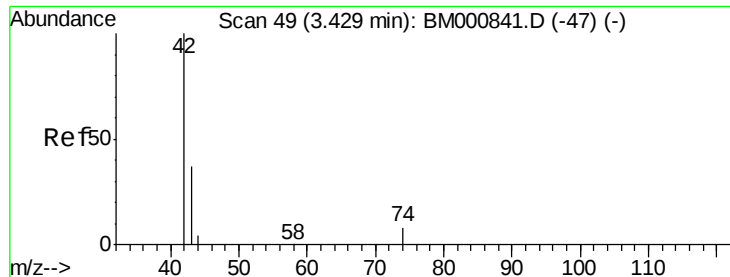


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 1.04 ng

RT: 3.43 min Scan# 49

Delta R.T. -0.02 min

Lab File: BM000819.D

Acq: 02 Apr 2015 22:44

Instrument :

BNA_M

ClientSampleId :

ICVBM040315

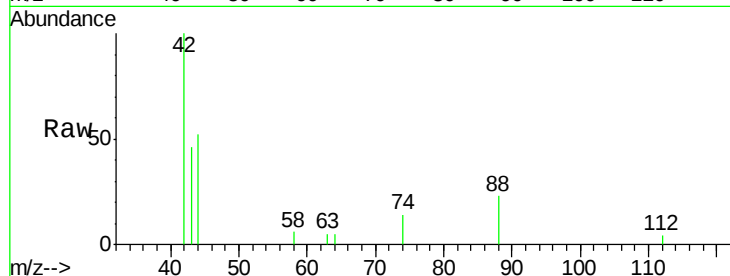
Tot Ion: 42 Resp: 3666

Ion Ratio Lower Upper

42 100

74 14.0 93.1 139.7#

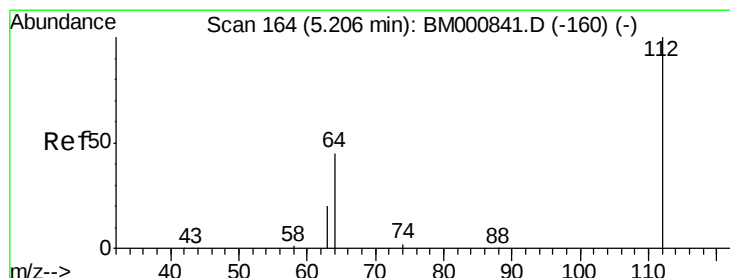
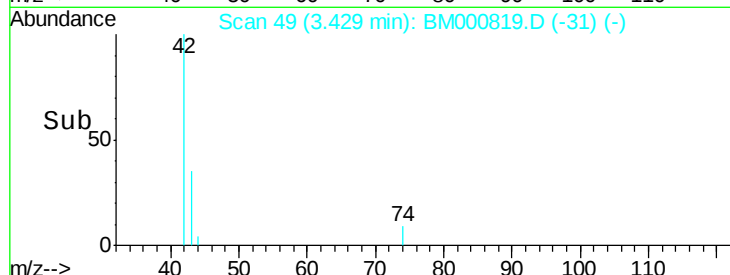
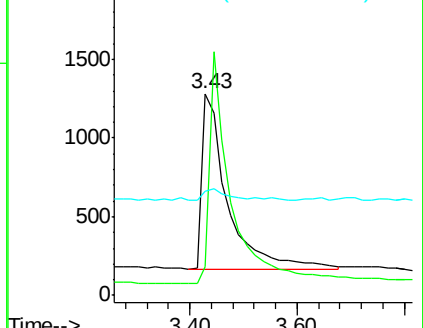
44 51.6 56.6 85.0#



Abundance Ion 42.00 (41.70 to 42.70): BM000841.D (-47) (-)

Ion 74.00 (73.70 to 74.70): BM000841.D (-47) (-)

Ion 44.00 (43.70 to 44.70): BM000841.D (-47) (-)



#4

2-Fluorophenol

Concen: 1.04 ng

RT: 5.21 min Scan# 164

Delta R.T. -0.00 min

Lab File: BM000819.D

Acq: 02 Apr 2015 22:44

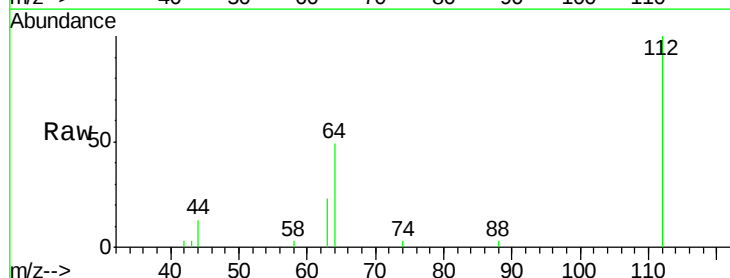
Tgt Ion: 112 Resp: 7924

Ion Ratio Lower Upper

112 100

64 49.0 40.3 60.5

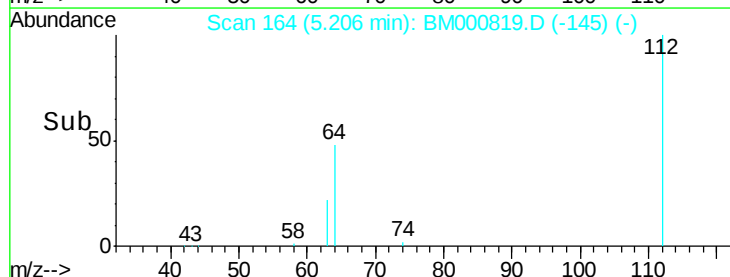
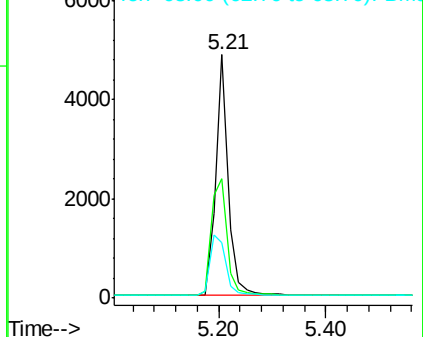
63 23.0 19.0 28.4

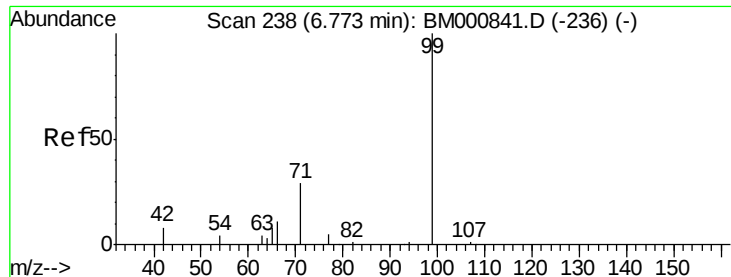


Abundance Ion 112.00 (111.70 to 112.70): BM000841.D (-160) (-)

Ion 64.00 (63.70 to 64.70): BM000841.D (-160) (-)

Ion 63.00 (62.70 to 63.70): BM000841.D (-160) (-)





#5

Phenol-d6

Concen: 1.00 ng

RT: 6.77 min Scan# 238

Delta R.T. 0.00 min

Lab File: BM000819.D

Acq: 02 Apr 2015 22:44

Instrument :

BNA_M

ClientSampleId :

ICVBM040315

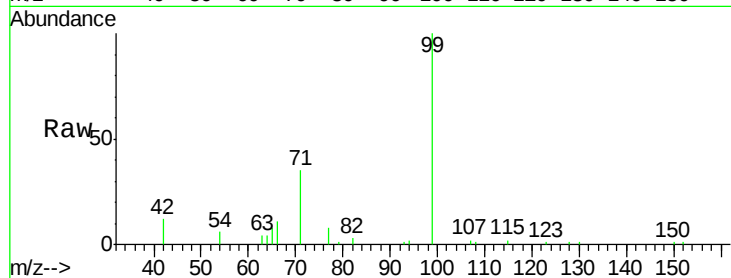
Tot Ion: 99 Resp: 11263

Ion Ratio Lower Upper

99 100

42 11.9 10.2 15.4

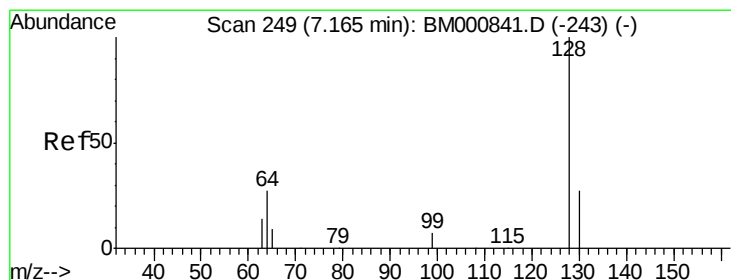
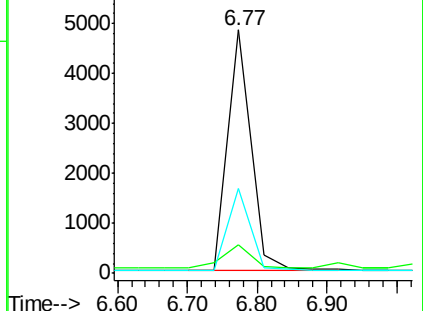
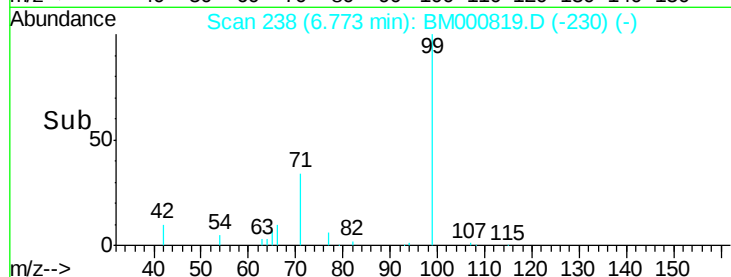
71 35.0 28.6 43.0



Abundance Ion 99.00 (98.70 to 99.70): BM000819.D (-236) (-)

Ion 42.00 (41.70 to 42.70): BM000819.D (-236) (-)

Ion 71.00 (70.70 to 71.70): BM000819.D (-236) (-)



#6

2-Chlorophenol

Concen: 1.00 ng

RT: 7.17 min Scan# 249

Delta R.T. 0.00 min

Lab File: BM000819.D

Acq: 02 Apr 2015 22:44

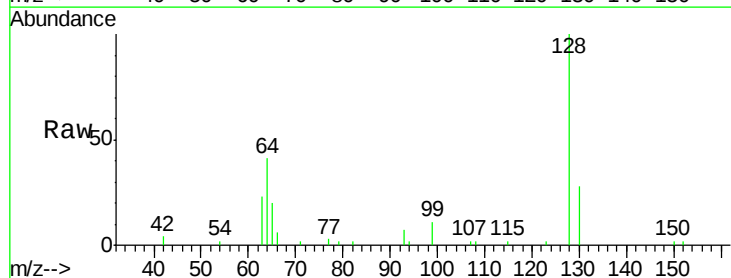
Tgt Ion: 128 Resp: 7843

Ion Ratio Lower Upper

128 100

130 27.6 7.6 47.6

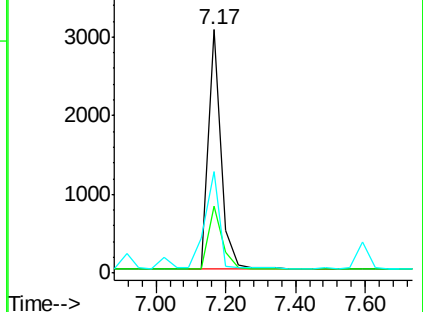
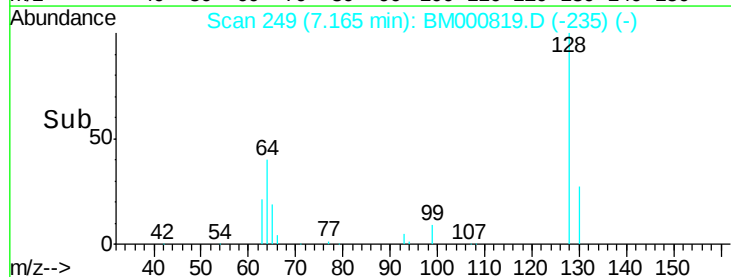
64 41.5 23.1 63.1

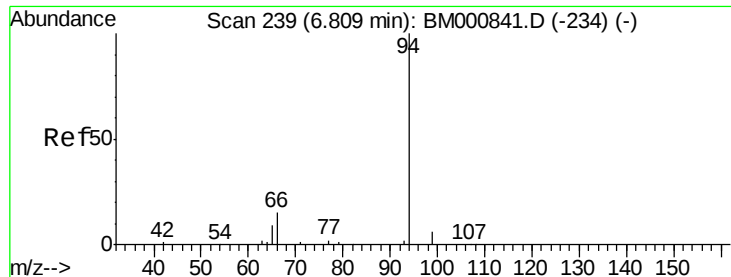


Abundance Ion 128.00 (127.70 to 128.70): BM000819.D (-243) (-)

Ion 130.00 (129.70 to 130.70): BM000819.D (-243) (-)

Ion 64.00 (63.70 to 64.70): BM000819.D (-243) (-)





#7

Phenol

Concen: 1.03 ng

RT: 6.81 min Scan# 239

Delta R.T. -0.00 min

Lab File: BM000819.D

Acq: 02 Apr 2015 22:44

Instrument :

BNA_M

ClientSampleId :

ICVBM040315

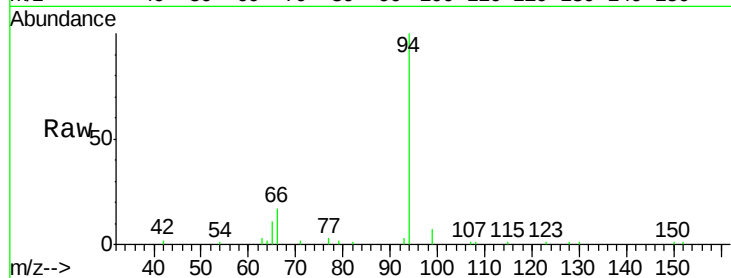
Tot Ion: 94 Resp: 11776

Ion Ratio Lower Upper

94 100

65 10.9 0.0 32.0

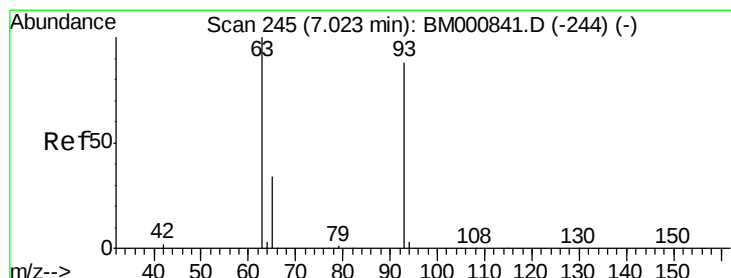
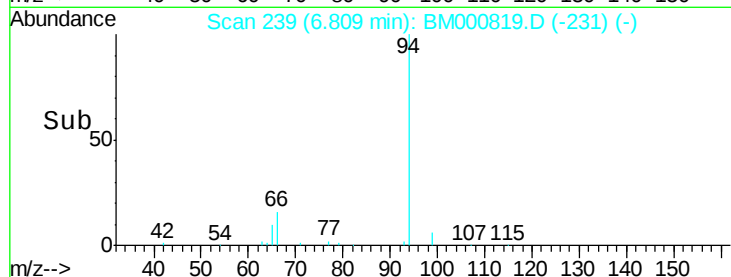
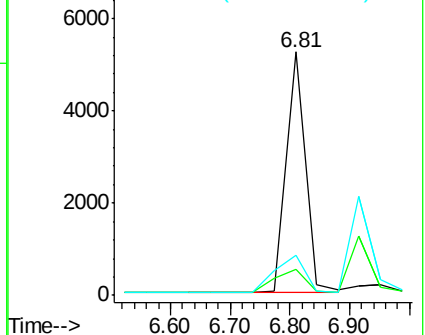
66 16.6 0.0 37.6



Abundance Ion 94.00 (93.70 to 94.70): BM000819.D (-234) (-)

Ion 65.00 (64.70 to 65.70): BM000819.D (-234) (-)

Ion 66.00 (65.70 to 66.70): BM000819.D (-234) (-)



#8

bis(2-Chloroethyl)ether

Concen: 0.98 ng

RT: 7.02 min Scan# 245

Delta R.T. 0.00 min

Lab File: BM000819.D

Acq: 02 Apr 2015 22:44

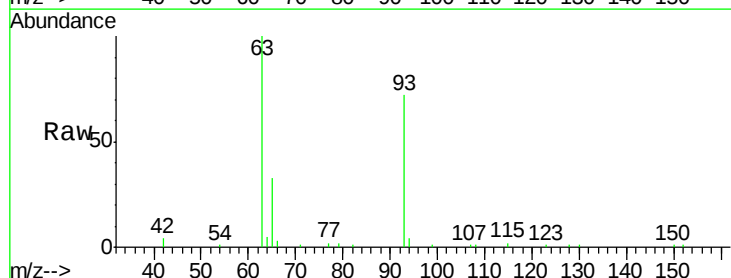
Tgt Ion: 93 Resp: 7842

Ion Ratio Lower Upper

93 100

63 138.7 118.9 158.9

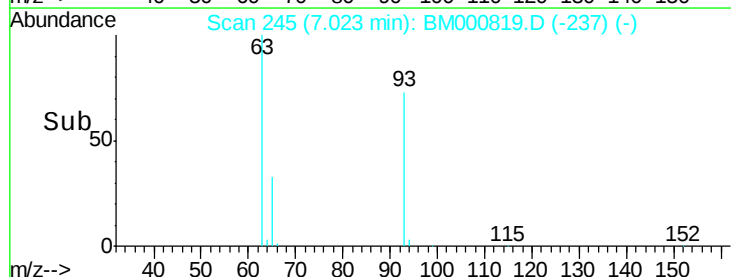
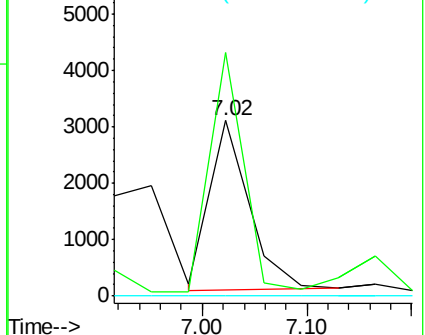
95 0.0 0.0 20.0

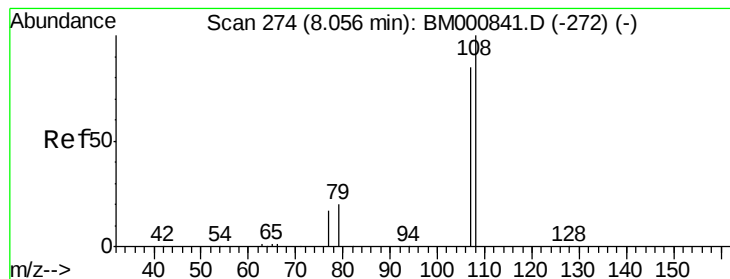


Abundance Ion 93.00 (92.70 to 93.70): BM000819.D (-244) (-)

Ion 63.00 (62.70 to 63.70): BM000819.D (-244) (-)

Ion 95.00 (94.70 to 95.70): BM000819.D (-244) (-)





#9

2-Methylphenol

Concen: 1.02 ng

RT: 8.06 min Scan# 274

Delta R.T. -0.00 min

Lab File: BM000819.D

Acq: 02 Apr 2015 22:44

Instrument :

BNA_M

ClientSampleId :

ICVBM040315

Tot Ion:107 Resp: 8625

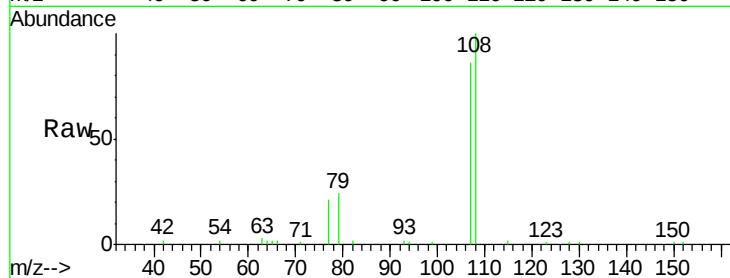
Ion Ratio Lower Upper

107 100

108 116.3 92.0 138.0

77 24.8 20.6 31.0

79 28.1 22.9 34.3

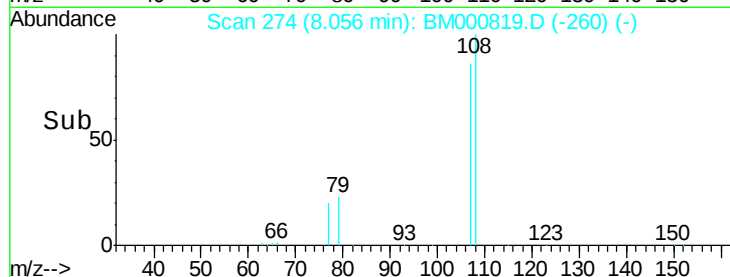


Abundance Ion 107.00 (106.70 to 107.70): E

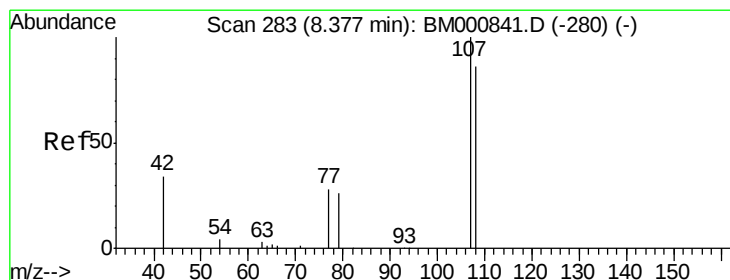
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



Time-->



#10

3+4-Methylphenols

Concen: 0.97 ng

RT: 8.38 min Scan# 283

Delta R.T. 0.00 min

Lab File: BM000819.D

Acq: 02 Apr 2015 22:44

Tgt Ion:107 Resp: 9470

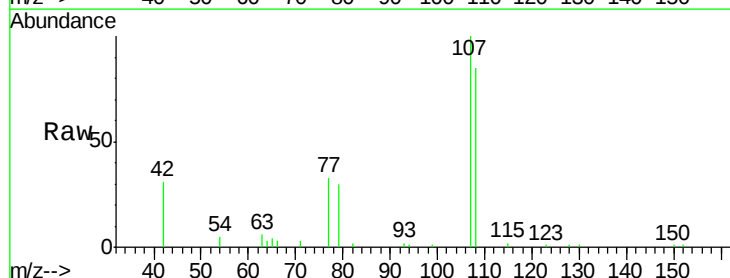
Ion Ratio Lower Upper

107 100

108 84.5 62.6 102.6

77 32.6 12.8 52.8

79 29.9 10.3 50.3

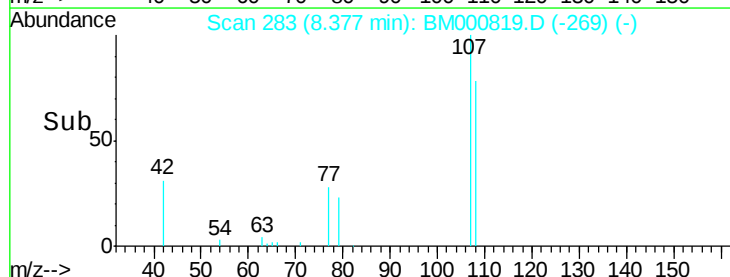


Abundance Ion 107.00 (106.70 to 107.70): E

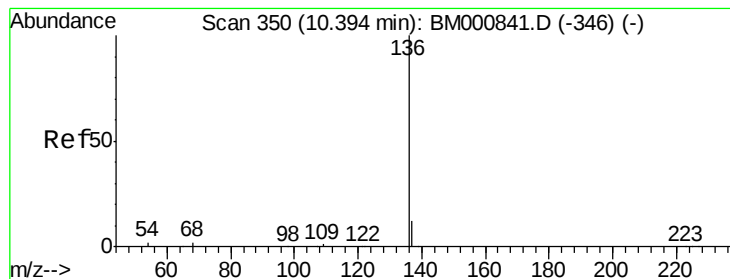
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



Time-->



#11

Naphthalene-d8

Concen: 5.00 ng

RT: 10.39 min Scan# 350

Delta R.T. -0.00 min

Lab File: BM000819.D

Acq: 02 Apr 2015 22:44

Instrument :

BNA_M

ClientSampleId :

ICVBM040315

Tot Ion:136 Resp: 127534

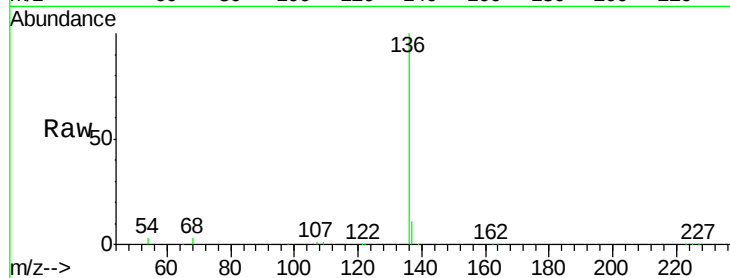
Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 2.7 2.2 3.4

68 2.7 2.2 3.2

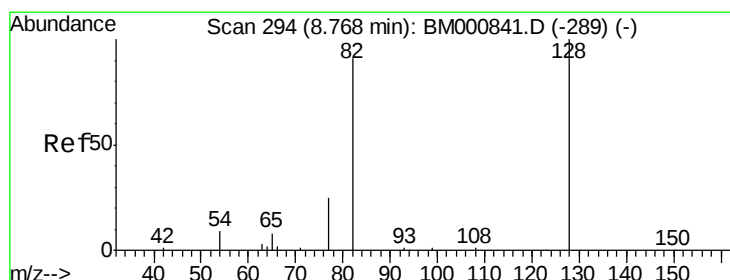
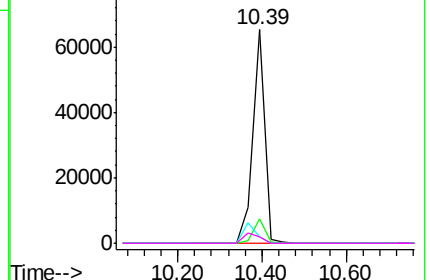
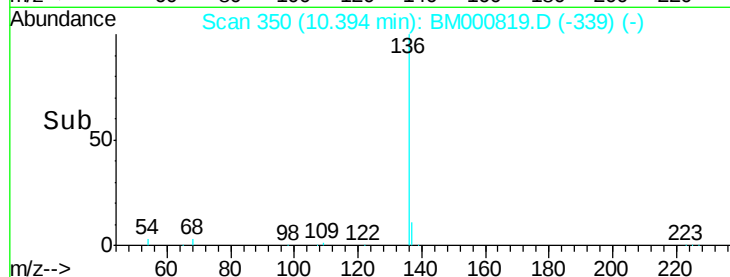


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.99 ng

RT: 8.77 min Scan# 294

Delta R.T. -0.00 min

Lab File: BM000819.D

Acq: 02 Apr 2015 22:44

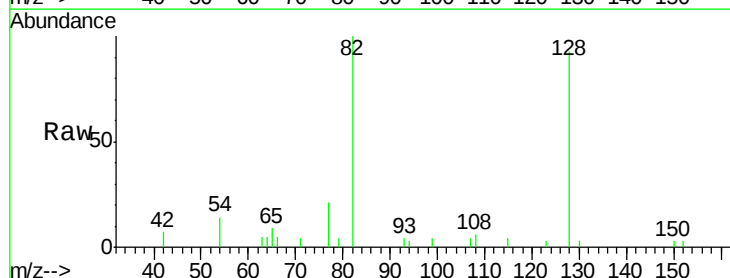
Tgt Ion: 82 Resp: 5912

Ion Ratio Lower Upper

82 100

128 93.2 72.5 108.7

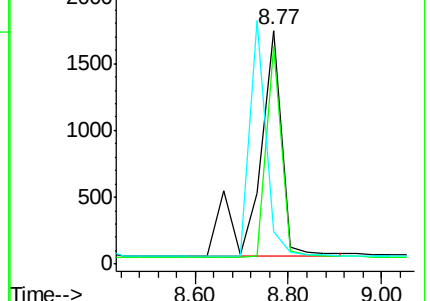
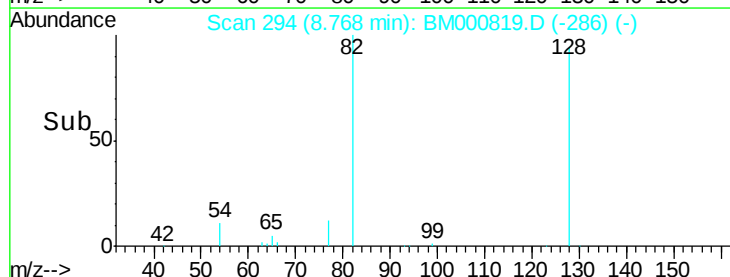
54 13.9 11.8 17.8

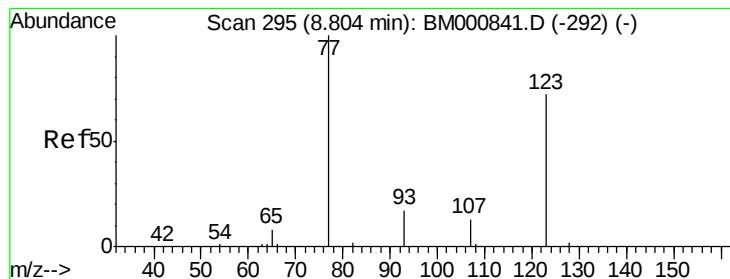


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#13

Nitrobenzene

Concen: 1.04 ng

RT: 8.80 min Scan# 295

Delta R.T. -0.00 min

Lab File: BM000819.D

Acq: 02 Apr 2015 22:44

Instrument :

BNA_M

ClientSampleId :

ICVBM040315

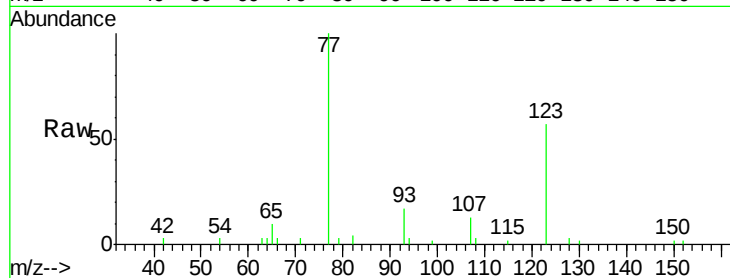
Tot Ion: 77 Resp: 7221

Ion Ratio Lower Upper

77 100

123 56.8 45.8 68.6

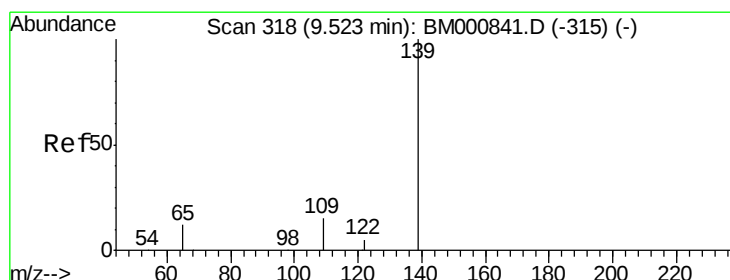
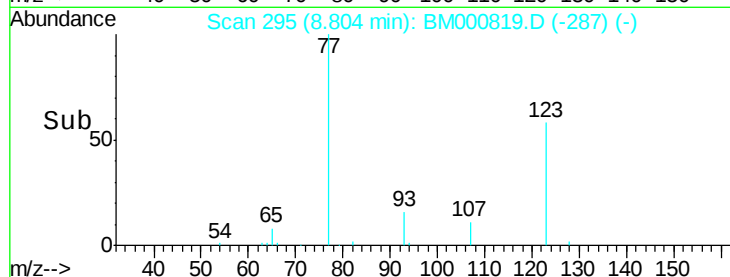
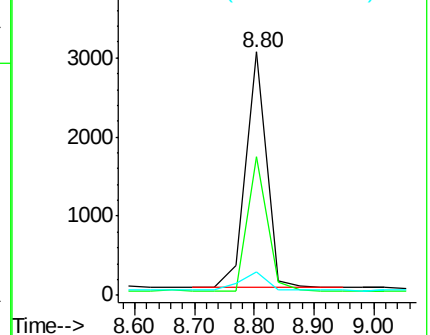
65 9.8 8.2 12.4



Abundance Ion 77.00 (76.70 to 77.70): BM000819.D (-292) (-)

Ion 123.00 (122.70 to 123.70): BM000819.D (-292) (-)

Ion 65.00 (64.70 to 65.70): BM000819.D (-292) (-)



#14

2-Nitrophenol

Concen: 1.03 ng

RT: 9.52 min Scan# 318

Delta R.T. 0.00 min

Lab File: BM000819.D

Acq: 02 Apr 2015 22:44

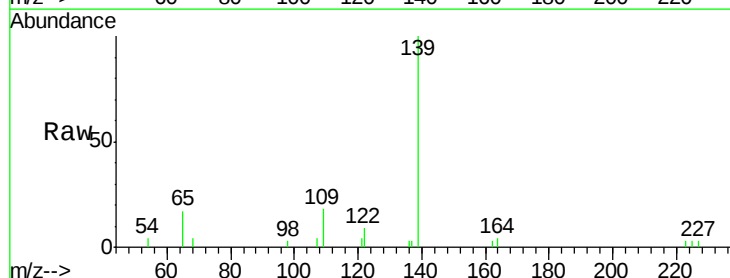
Tgt Ion: 139 Resp: 3494

Ion Ratio Lower Upper

139 100

109 18.3 15.0 22.6

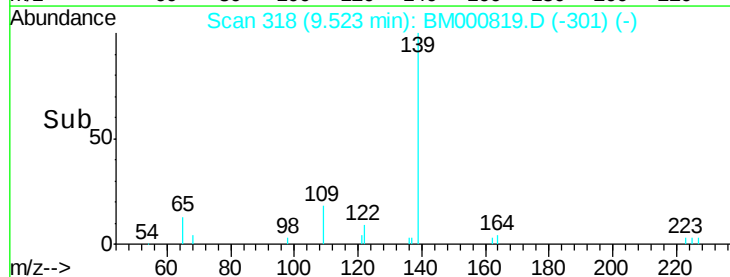
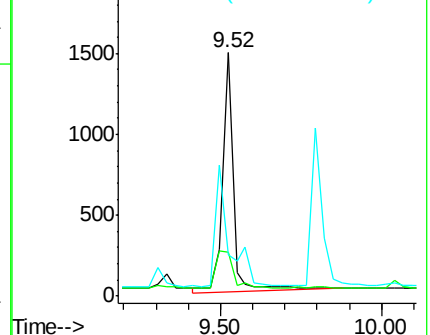
65 16.9 14.2 21.4

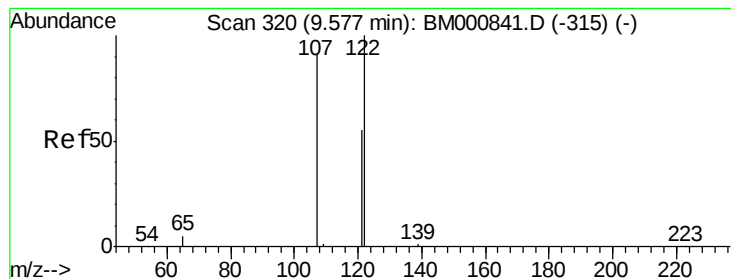


Abundance Ion 139.00 (138.70 to 139.70): BM000819.D (-315) (-)

Ion 109.00 (108.70 to 109.70): BM000819.D (-315) (-)

Ion 65.00 (64.70 to 65.70): BM000819.D (-315) (-)





#15

2,4-Dimethylphenol

Concen: 1.05 ng

RT: 9.58 min Scan# 320

Delta R.T. -0.00 min

Lab File: BM000819.D

Acq: 02 Apr 2015 22:44

Instrument :

BNA_M

ClientSampleId :

ICVBM040315

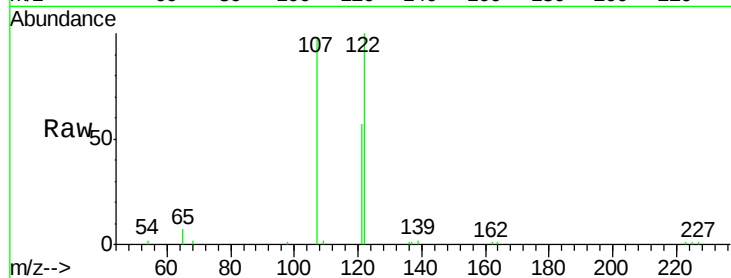
Tot Ion:122 Resp: 7607

Ion Ratio Lower Upper

122 100

107 97.9 78.2 117.4

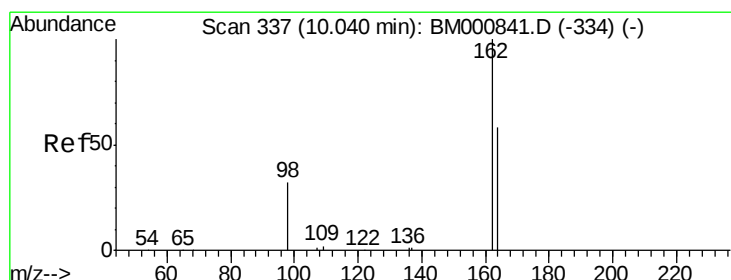
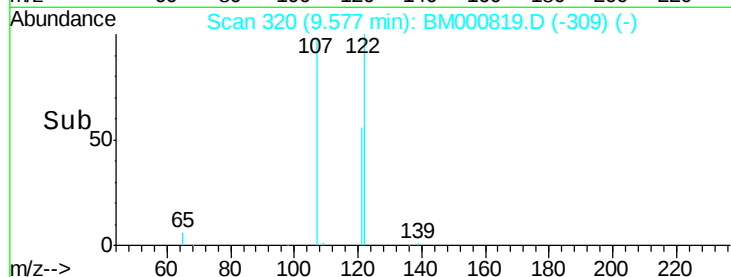
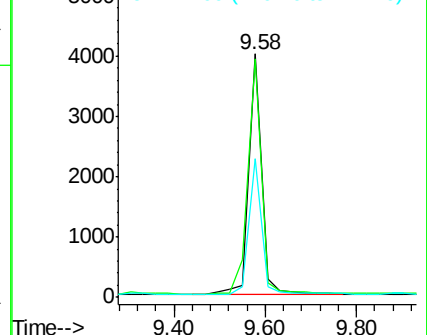
121 56.9 45.4 68.0



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: 1.00 ng

RT: 10.04 min Scan# 337

Delta R.T. 0.00 min

Lab File: BM000819.D

Acq: 02 Apr 2015 22:44

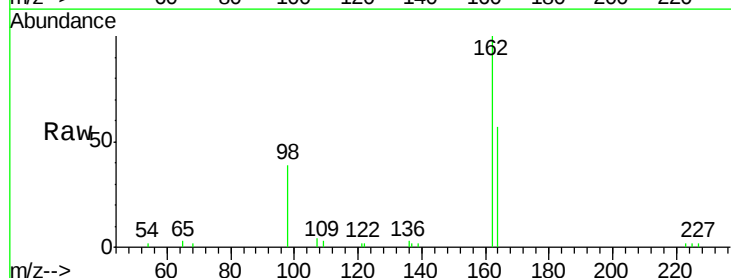
Tgt Ion:162 Resp: 6701

Ion Ratio Lower Upper

162 100

164 56.7 37.1 77.1

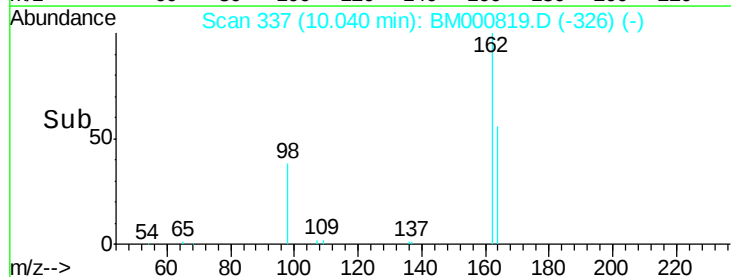
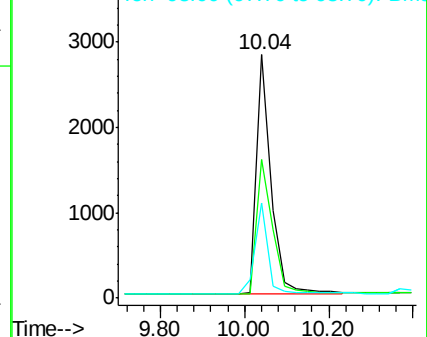
98 39.2 19.5 59.5

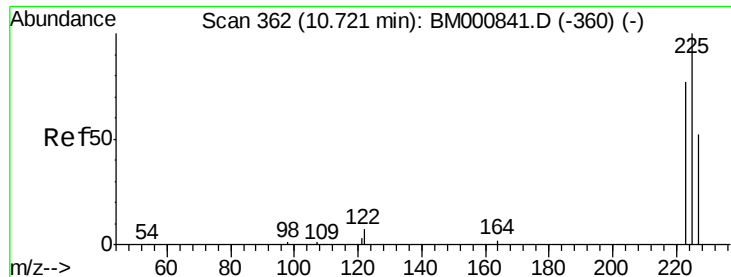


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM

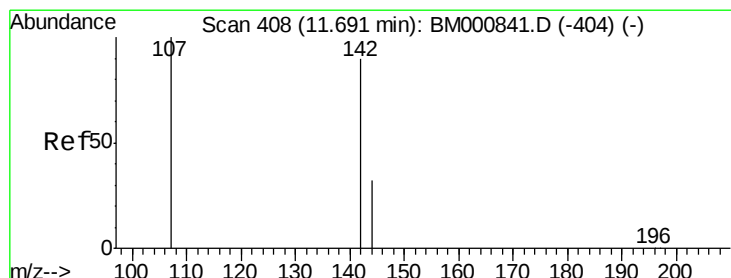
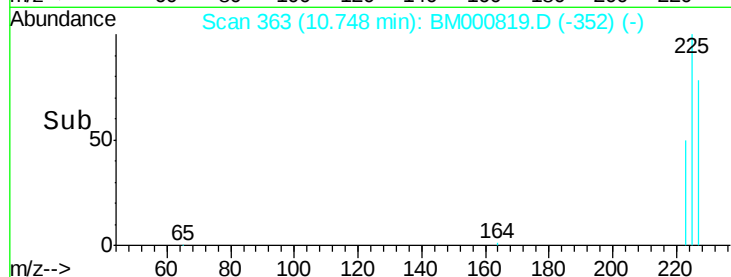
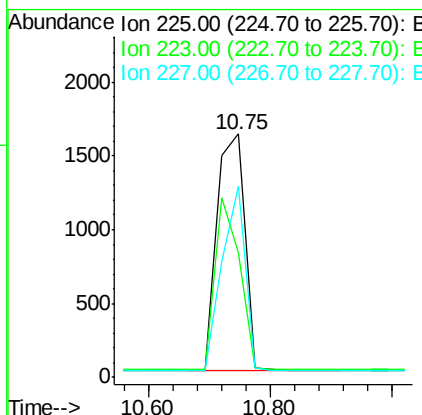
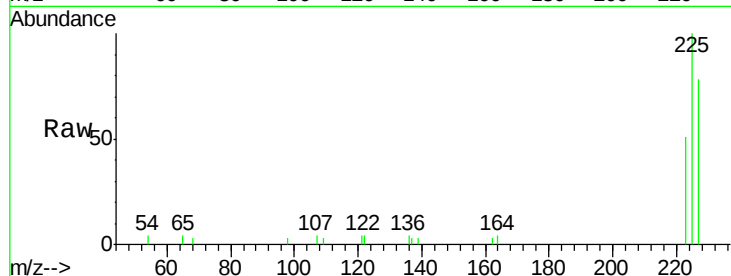




#17
Hexachlorobutadiene
Concen: 1.02 ng
RT: 10.75 min Scan# 363
Delta R.T. -0.00 min
Lab File: BM000819.D
Acq: 02 Apr 2015 22:44

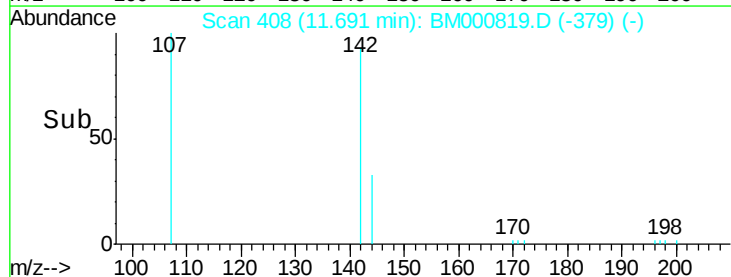
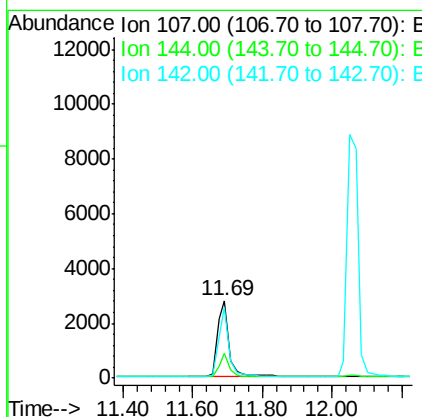
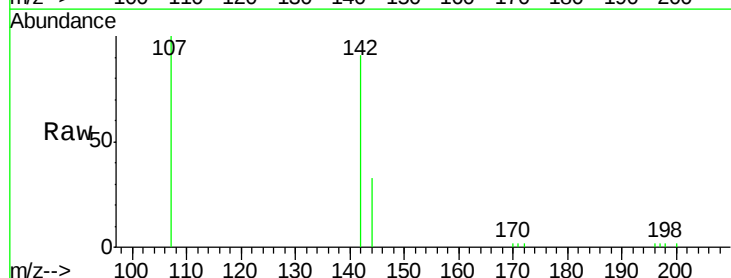
Instrument :
BNA_M
ClientSampleId :
ICVBM040315

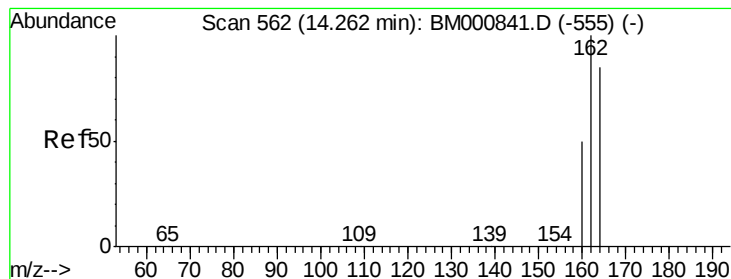
Tot Ion:225 Resp: 5043
Ion Ratio Lower Upper
225 100
223 51.2 40.8 61.2
227 78.3 62.8 94.2



#18
4-Chloro-3-methylphenol
Concen: 1.01 ng
RT: 11.69 min Scan# 408
Delta R.T. -0.00 min
Lab File: BM000819.D
Acq: 02 Apr 2015 22:44

Tgt Ion:107 Resp: 6435
Ion Ratio Lower Upper
107 100
144 32.6 25.8 38.8
142 91.1 71.3 106.9





#19

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.28 min Scan# 563

Delta R.T. -0.00 min

Lab File: BM000819.D

Acq: 02 Apr 2015 22:44

Instrument :

BNA_M

ClientSampleId :

ICVBM040315

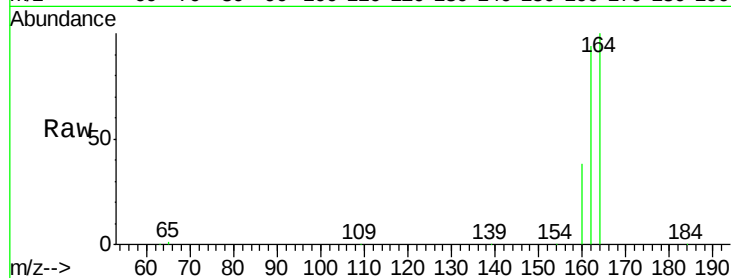
Tot Ion:164 Resp: 62543

Ion Ratio Lower Upper

164 100

162 94.3 74.2 111.2

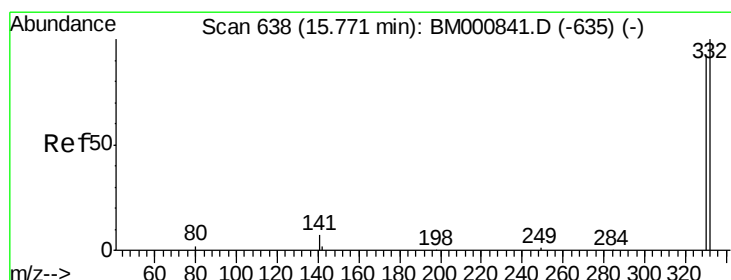
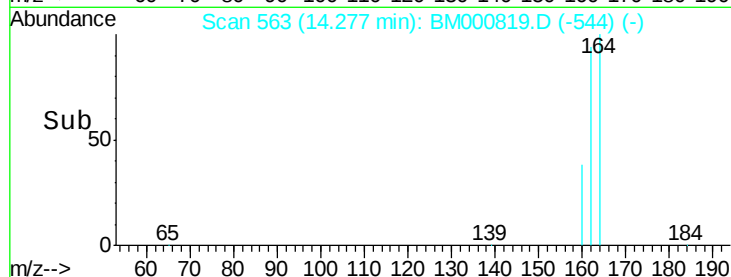
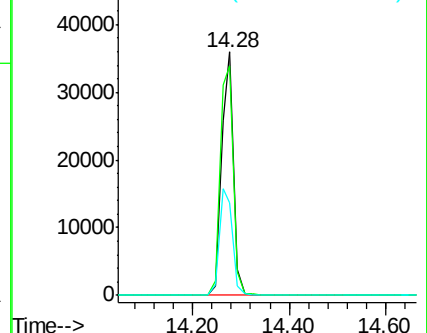
160 37.9 30.4 45.6



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: 0.95 ng

RT: 15.77 min Scan# 638

Delta R.T. 0.00 min

Lab File: BM000819.D

Acq: 02 Apr 2015 22:44

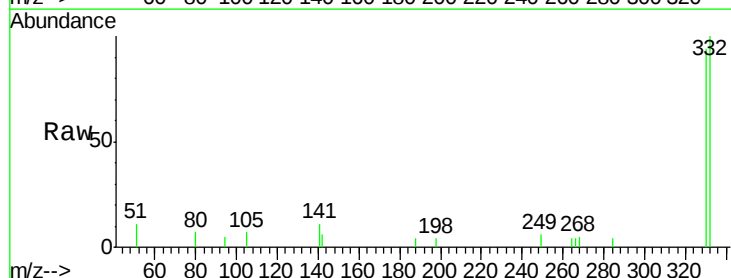
Tgt Ion:330 Resp: 2071

Ion Ratio Lower Upper

330 100

332 101.1 78.7 118.1

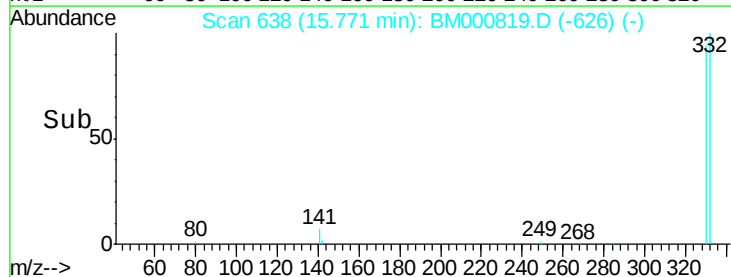
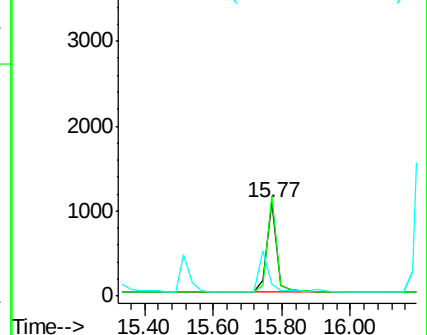
141 0.0 0.0 0.0

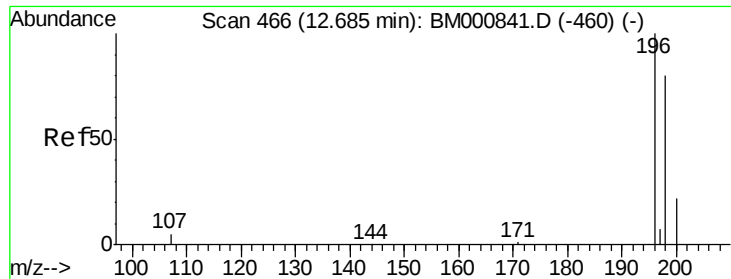


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#21

2,4,6-Trichlorophenol

Concen: 0.97 ng

RT: 12.69 min Scan# 466

Delta R.T. 0.00 min

Lab File: BM000819.D

Acq: 02 Apr 2015 22:44

Instrument :

BNA_M

ClientSampleId :

ICVBM040315

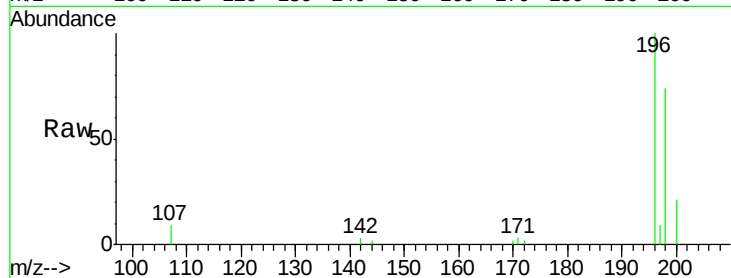
Tot Ion:196 Resp: 4030

Ion Ratio Lower Upper

196 100

198 74.2 59.5 89.3

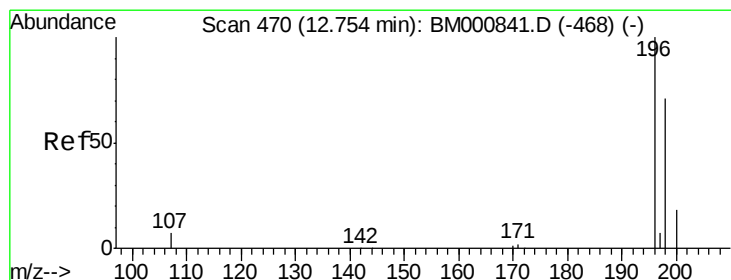
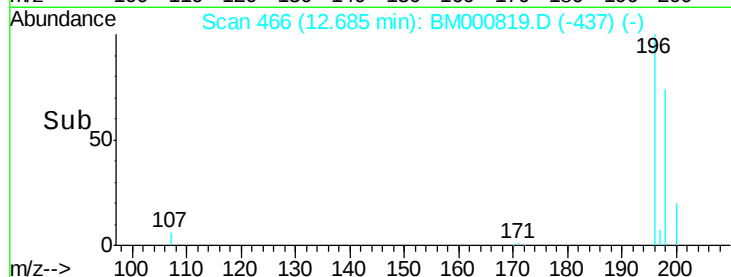
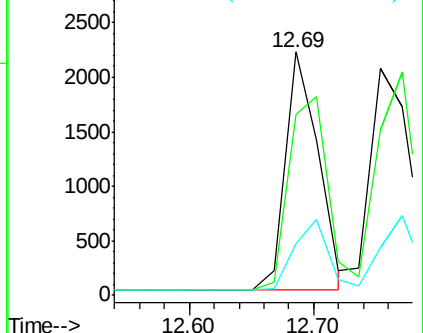
200 21.3 17.4 26.0



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: 1.07 ng

RT: 12.75 min Scan# 470

Delta R.T. 0.00 min

Lab File: BM000819.D

Acq: 02 Apr 2015 22:44

Tgt Ion:196 Resp: 4965

Ion Ratio Lower Upper

196 100

198 72.9 57.9 86.9

97 0.0 0.0 0.0

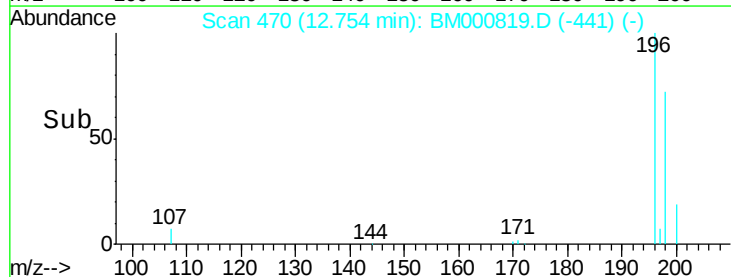
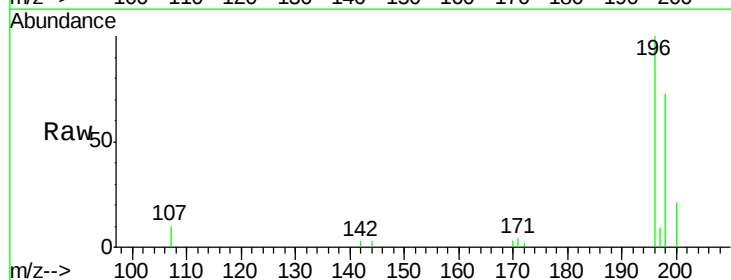
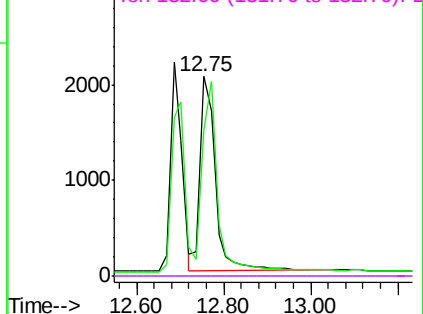
132 0.0 0.0 0.0

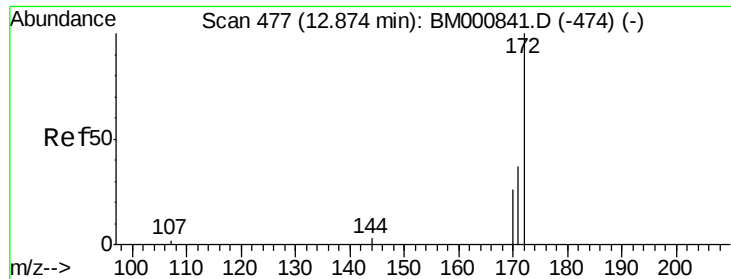
Abundance Ion 196.00 (195.70 to 196.70): E

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

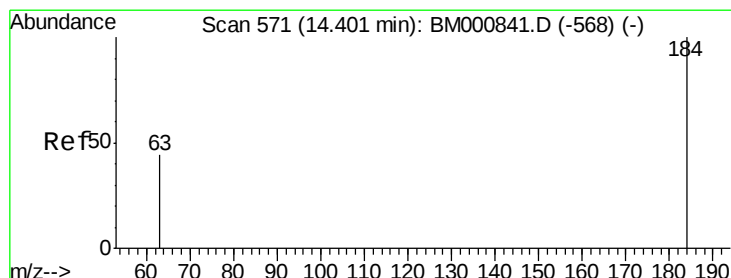
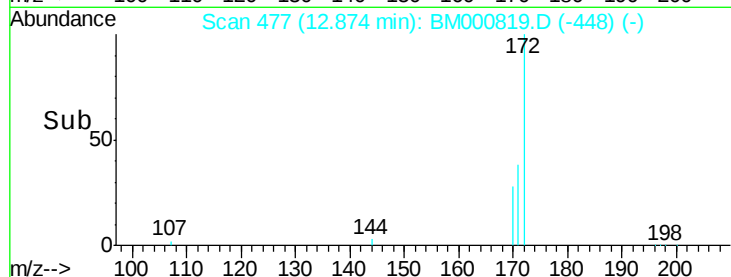
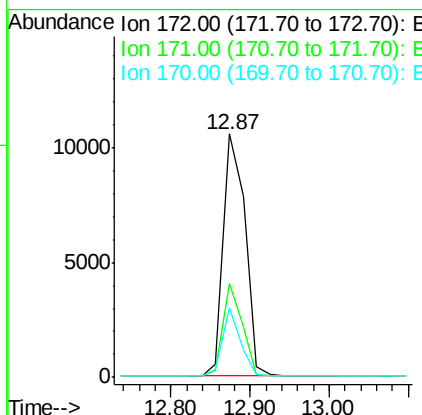
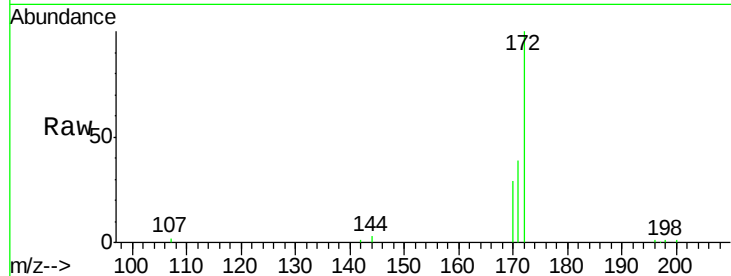




#23
2-Fluorobiphenyl
Concen: 1.04 ng
RT: 12.87 min Scan# 477
Delta R.T. -0.00 min
Lab File: BM000819.D
Acq: 02 Apr 2015 22:44

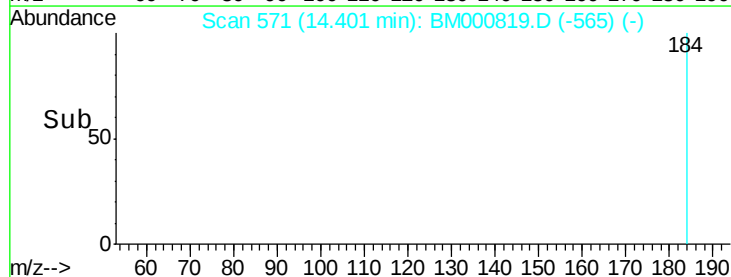
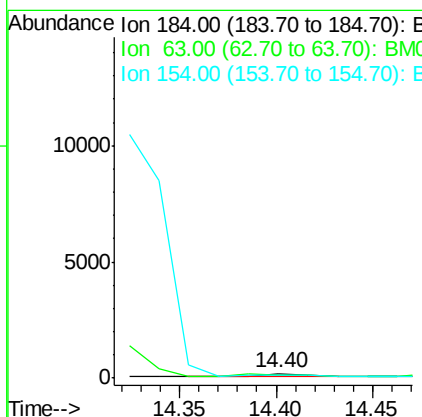
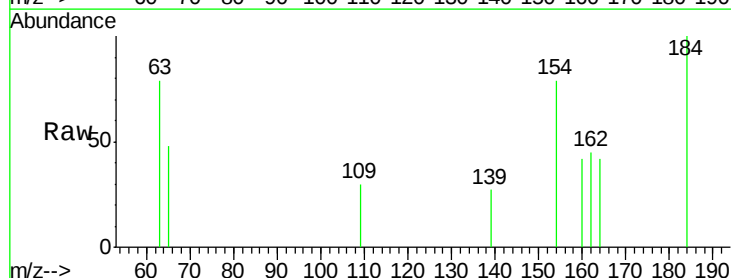
Instrument :
BNA_M
ClientSampleId :
ICVBM040315

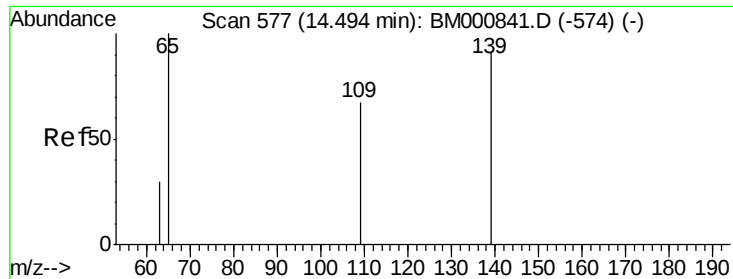
Tot Ion:172 Resp: 20091
Ion Ratio Lower Upper
172 100
171 38.8 30.6 46.0
170 28.5 22.2 33.2



#24
2,4-Dinitrophenol
Concen: 0.45 ng
RT: 14.40 min Scan# 571
Delta R.T. -0.00 min
Lab File: BM000819.D
Acq: 02 Apr 2015 22:44

Tgt Ion:184 Resp: 277
Ion Ratio Lower Upper
184 100
63 79.1 62.7 94.1
154 78.6 63.6 95.4





#25

4-Nitrophenol

Concen: 1.04 ng

RT: 14.49 min Scan# 577

Delta R.T. 0.00 min

Lab File: BM000819.D

Acq: 02 Apr 2015 22:44

Instrument :

BNA_M

ClientSampleId :

ICVBM040315

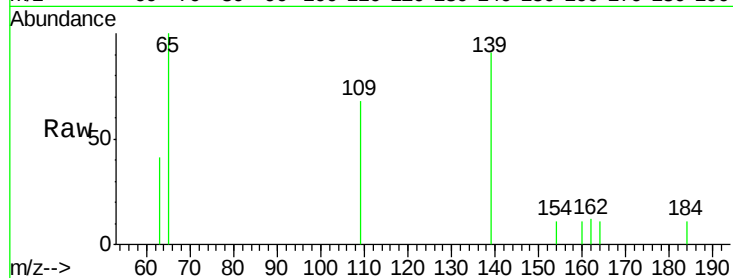
Tot Ion:139 Resp: 1299

Ion Ratio Lower Upper

139 100

109 75.0 58.2 98.2

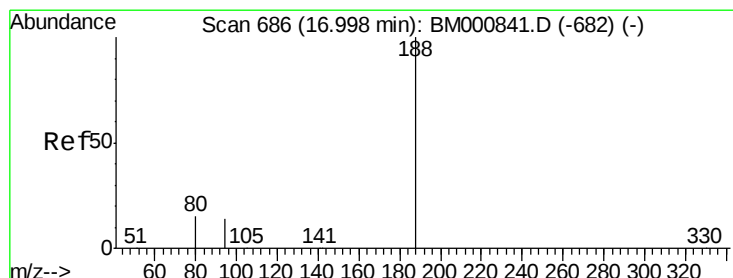
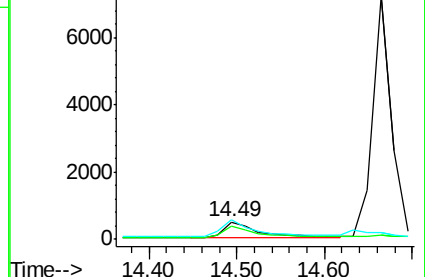
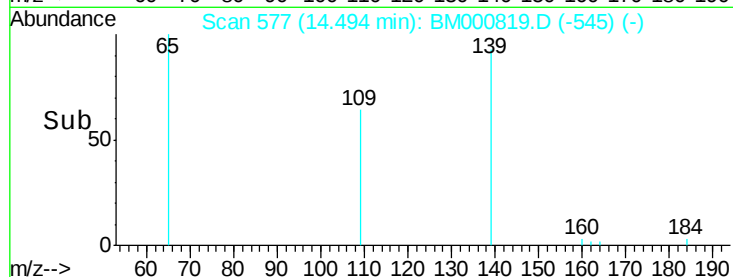
65 110.3 90.4 130.4



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: 17.00 min Scan# 686

Delta R.T. -0.00 min

Lab File: BM000819.D

Acq: 02 Apr 2015 22:44

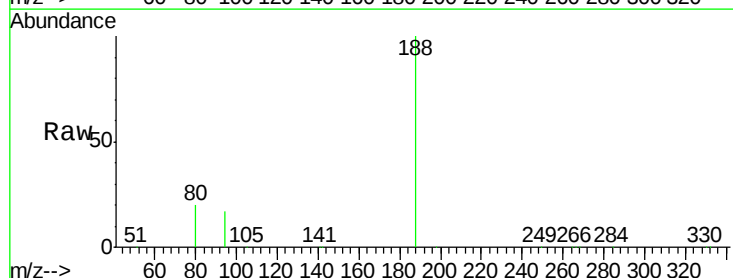
Tgt Ion:188 Resp: 124983

Ion Ratio Lower Upper

188 100

94 17.4 13.0 19.6

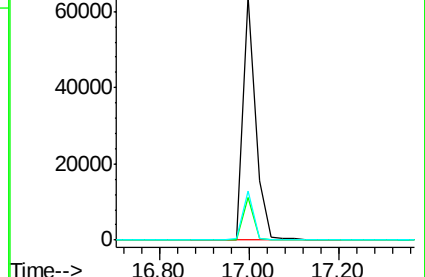
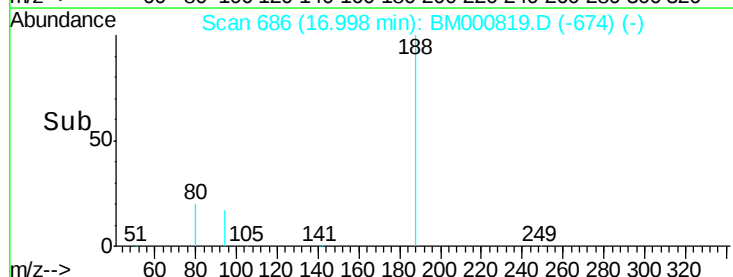
80 20.0 14.7 22.1

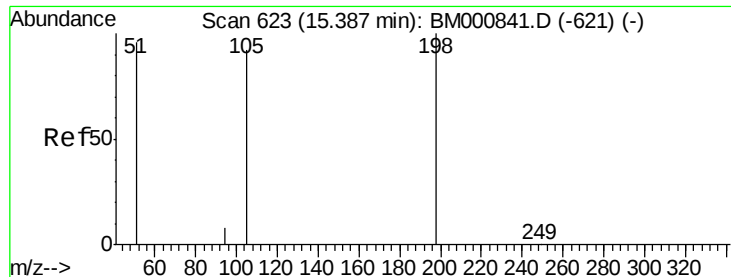


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM

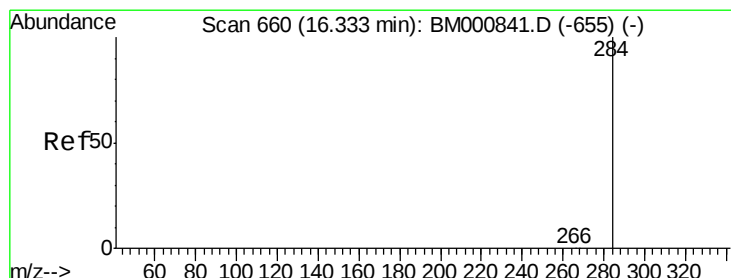
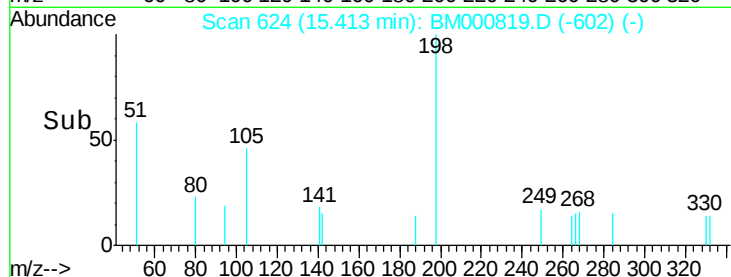
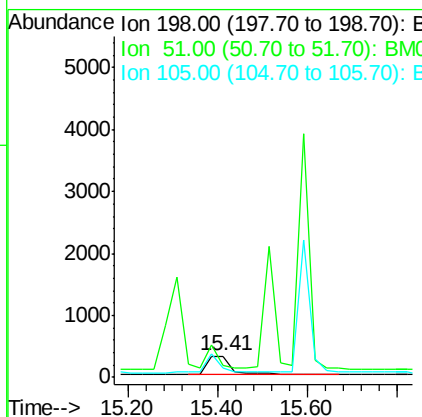
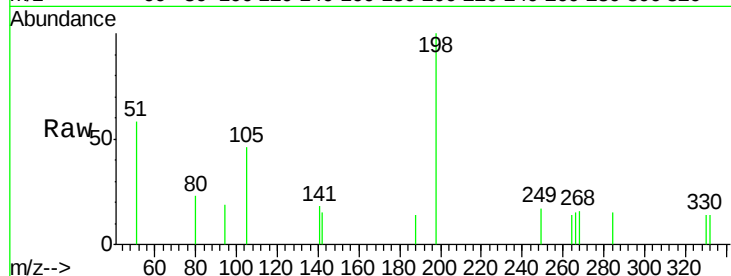




#27
4,6-Dinitro-2-methylphenol
Concen: 0.89 ng
RT: 15.41 min Scan# 624
Delta R.T. 0.03 min
Lab File: BM000819.D
Acq: 02 Apr 2015 22:44

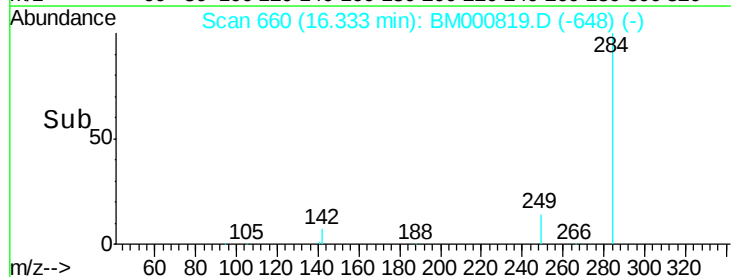
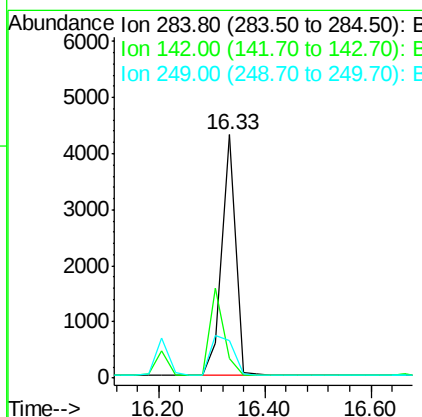
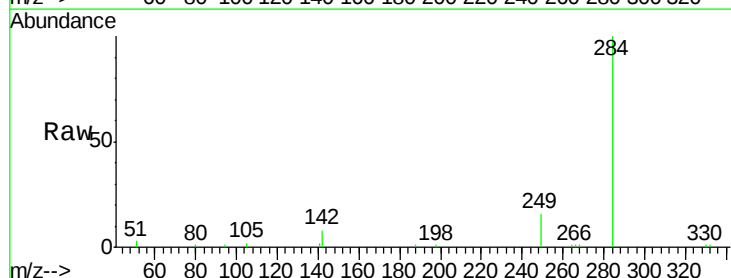
Instrument :
BNA_M
ClientSampleId :
ICVBM040315

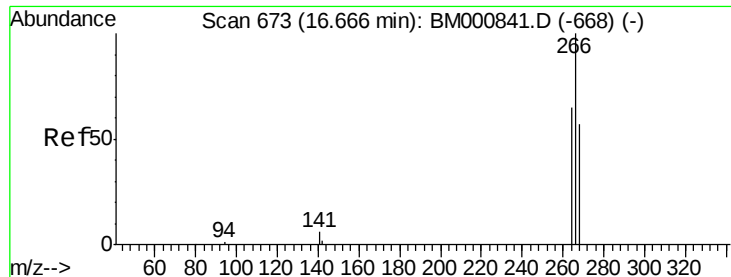
Tot Ion:198 Resp: 1063
Ion Ratio Lower Upper
198 100
51 58.4 139.3 179.3#
105 46.3 88.8 128.8#



#28
Hexachlorobenzene
Concen: 1.05 ng
RT: 16.33 min Scan# 660
Delta R.T. 0.00 min
Lab File: BM000819.D
Acq: 02 Apr 2015 22:44

Tgt Ion:284 Resp: 7600
Ion Ratio Lower Upper
284 100
142 8.0 6.5 9.7
249 15.6 12.6 18.8

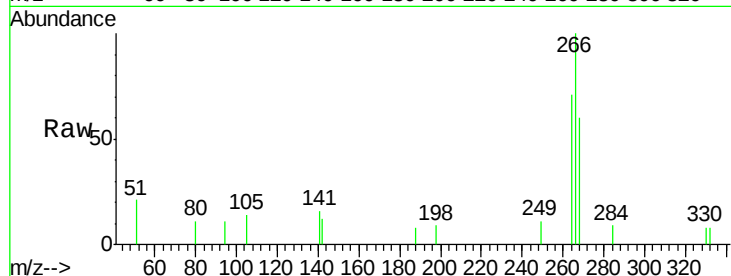




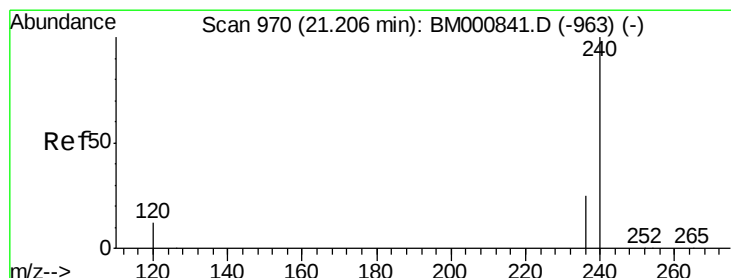
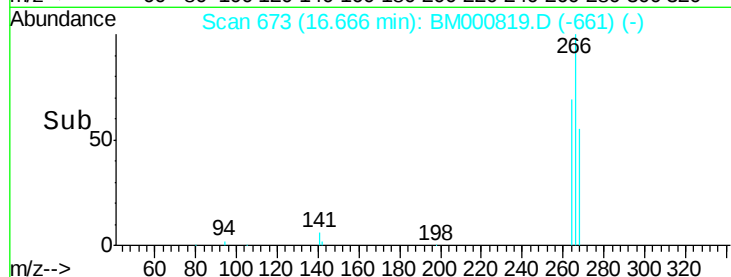
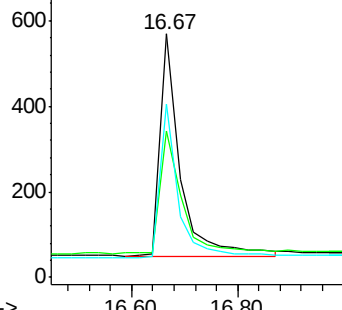
#29
 Pentachlorophenol
 Concen: 1.03 ng
 RT: 16.67 min Scan# 673
 Delta R.T. 0.00 min
 Lab File: BM000819.D
 Acq: 02 Apr 2015 22:44

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM040315

Tot Ion:266 Resp: 1342
 Ion Ratio Lower Upper
 266 100
 268 60.1 51.4 77.0
 264 71.4 57.1 85.7

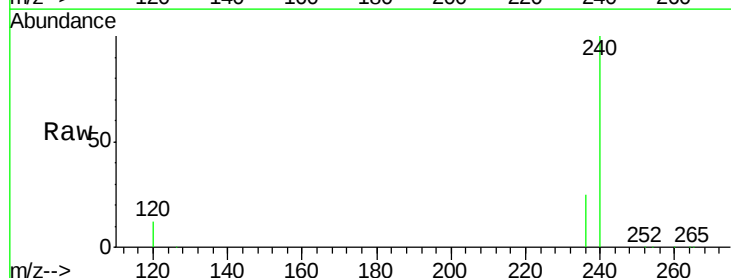


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

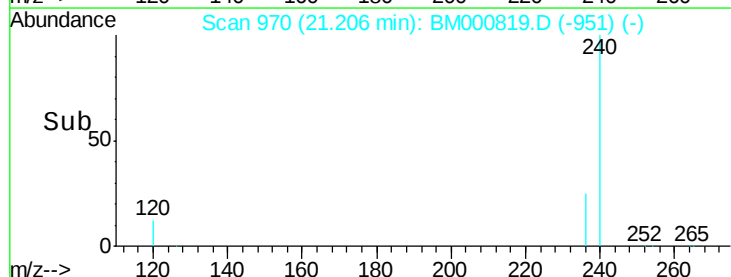
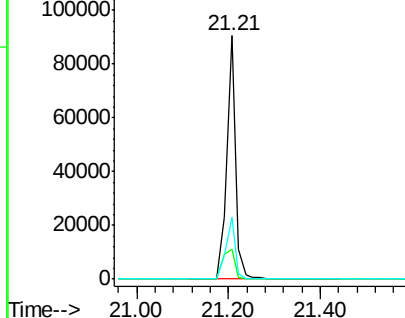


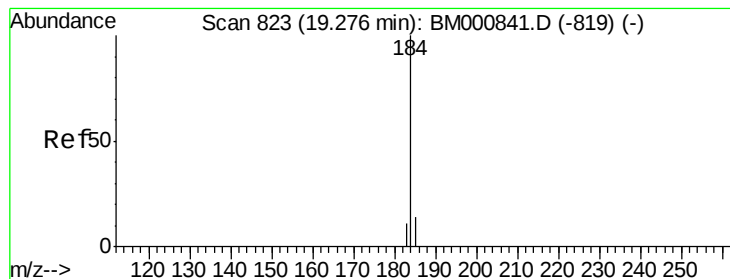
#30
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.21 min Scan# 970
 Delta R.T. -0.00 min
 Lab File: BM000819.D
 Acq: 02 Apr 2015 22:44

Tgt Ion:240 Resp: 120032
 Ion Ratio Lower Upper
 240 100
 120 12.5 11.3 16.9
 236 25.3 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





#31

Benzidine

Concen: 1.18 ng

RT: 19.28 min Scan# 823

Delta R.T. -0.02 min

Lab File: BM000819.D

Acq: 02 Apr 2015 22:44

Instrument :

BNA_M

ClientSampleId :

ICVBM040315

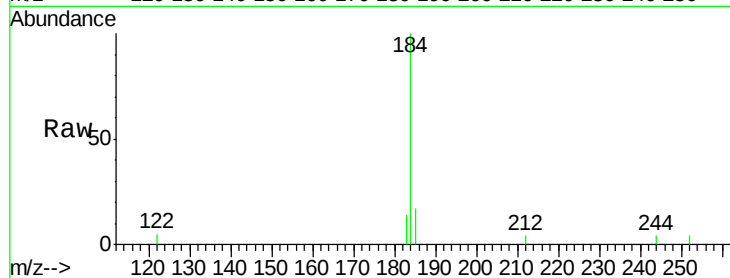
Tot Ion:184 Resp: 4102

Ion Ratio Lower Upper

184 100

185 16.5 39.1 58.7#

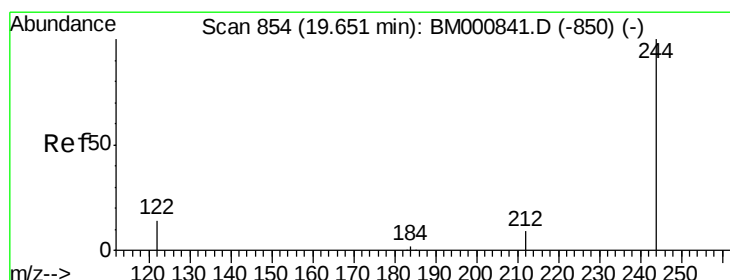
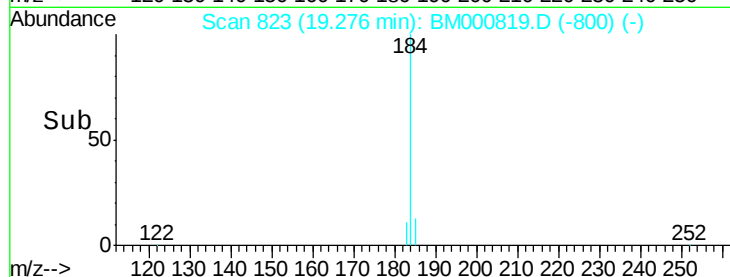
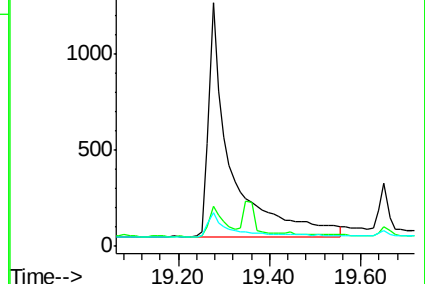
183 14.1 36.1 54.1#



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: 1.04 ng

RT: 19.65 min Scan# 854

Delta R.T. -0.00 min

Lab File: BM000819.D

Acq: 02 Apr 2015 22:44

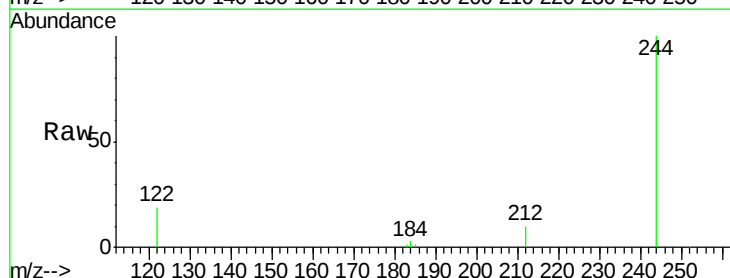
Tgt Ion:244 Resp: 15045

Ion Ratio Lower Upper

244 100

212 10.0 8.0 12.0

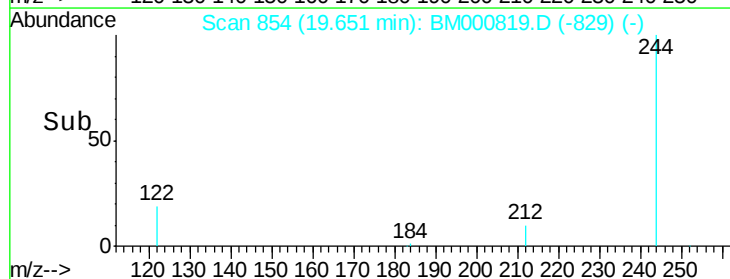
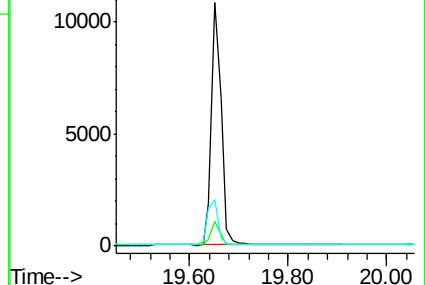
122 19.2 14.7 22.1

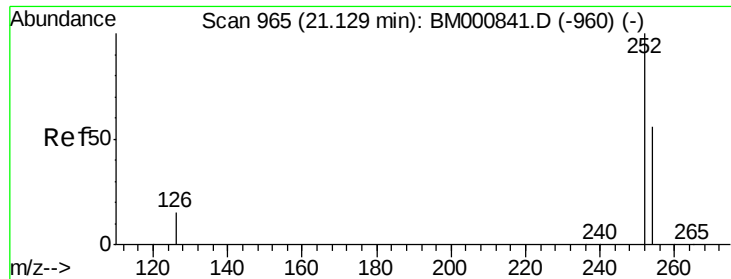


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

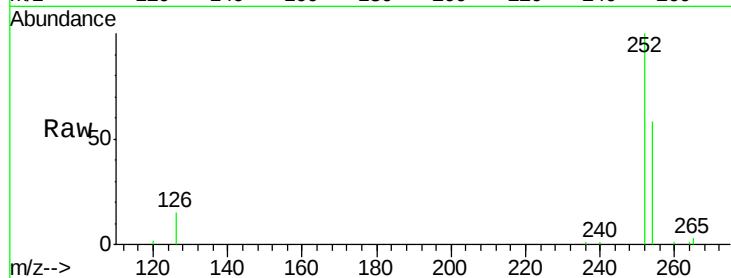




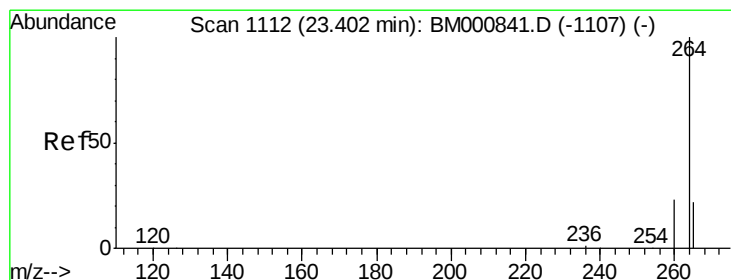
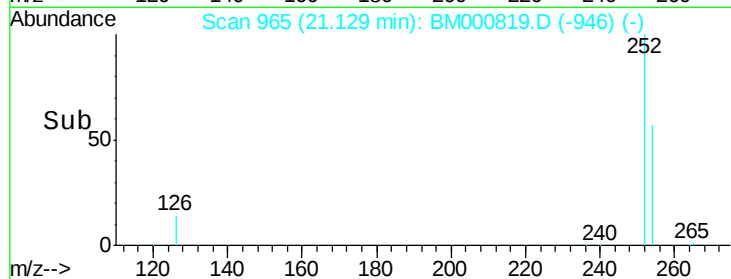
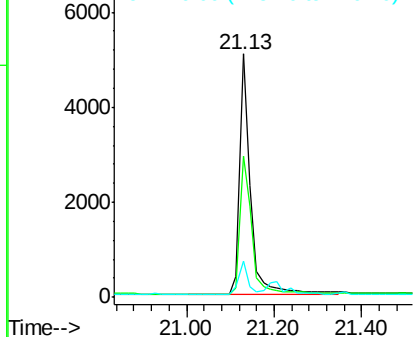
#33
 3,3'-Dichlorobenzidine
 Concen: 0.96 ng
 RT: 21.13 min Scan# 965
 Delta R.T. 0.00 min
 Lab File: BM000819.D
 Acq: 02 Apr 2015 22:44

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM040315

Tot Ion:252 Resp: 8656
 Ion Ratio Lower Upper
 252 100
 254 57.8 44.5 66.7
 126 14.9 13.6 20.4

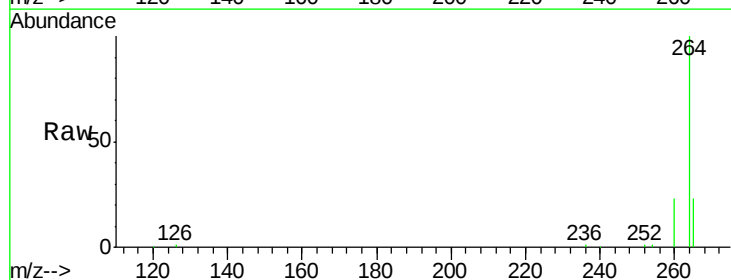


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E



#34
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.40 min Scan# 1112
 Delta R.T. -0.00 min
 Lab File: BM000819.D
 Acq: 02 Apr 2015 22:44

Tgt Ion:264 Resp: 107252
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.1 28.7
 265 22.6 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

