

Data Path : Z:\HPCHEM1\BNA M\DATA\BM120715\
 Data File : BM003402.D
 Acq On : 07 Dec 2015 11:34
 Operator : UM/IZ
 Sample : SSTDICC0.8
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 07 15:21:56 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SIM-BM120715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 07 15:08:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	65134	5.00	ng	0.00
11) Naphthalene-d8	10.52	136	230486	5.00	ng	0.00
20) Acenaphthene-d10	14.37	164	128994	5.00	ng	0.00
27) Phenanthrene-d10	17.12	188	196315	5.00	ng	0.00
31) Chrysene-d12	21.31	240	206158	5.00	ng	0.00
35) Perylene-d12	23.57	264	152185	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.31	112	8491	0.76	ng	0.00
5) Phenol-d6	6.88	99	11686	0.75	ng	0.00
12) Nitrobenzene-d5	8.88	82	9063	0.74	ng	0.02
21) 2,4,6-Tribromophenol	15.85	330	1938	0.65	ng	0.00
24) 2-Fluorobiphenyl	13.00	172	33333	0.73	ng	0.00
33) Terphenyl-d14	19.75	244	21960	0.79	ng	0.00

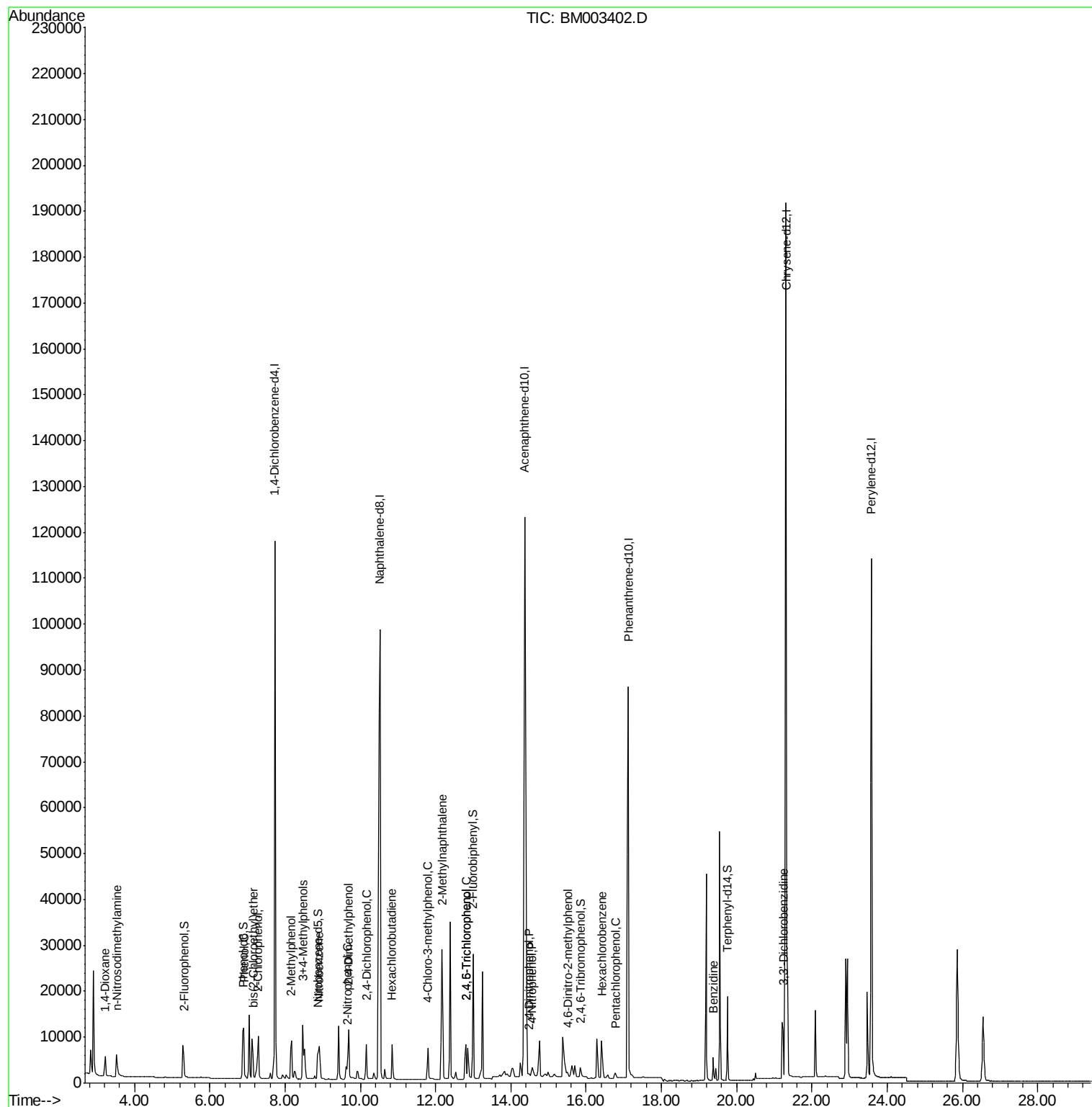
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.22	88	4298	0.78	ng	# 56
3) n-Nitrosodimethylamine	3.53	42	4030	0.79	ng	98
6) 2-Chlorophenol	7.29	128	10895	0.75	ng	89
7) Phenol	6.91	94	12209	0.75	ng	97
8) bis(2-Chloroethyl)ether	7.15	93	9149	0.78	ng	# 39
9) 2-Methylphenol	8.17	107	6866	0.74	ng	96
10) 3+4-Methylphenols	8.48	107	9934	0.74	ng	# 36
13) Nitrobenzene	8.91	77	9255	0.73	ng	# 44
14) 2-Nitrophenol	9.65	139	3675	0.71	ng	# 78
15) 2,4-Dimethylphenol	9.69	122	9160	0.75	ng	# 66
16) 2,4-Dichlorophenol	10.16	162	8786	0.77	ng	95
17) Hexachlorobutadiene	10.84	225	6446	0.76	ng	96
18) 4-Chloro-3-methylphenol	11.80	107	7099	0.78	ng	# 2
19) 2-Methylnaphthalene	12.18	142	27920	0.78	ng	94
22) 2,4,6-Trichlorophenol	12.80	196	11023	1.27	ng	# 57
23) 2,4,5-Trichlorophenol	12.80	196	11455	1.08	ng	# 87
25) 2,4-Dinitrophenol	14.49	184	564	0.70	ng	# 84
26) 4-Nitrophenol	14.57	139	1833	0.54	ng	90
28) 4,6-Dinitro-2-methylphenol	15.50	198	1903	0.83	ng	# 40
29) Hexachlorobenzene	16.42	284	6178	0.74	ng	# 4
30) Pentachlorophenol	16.78	266	1454	0.73	ng	86
32) Benzidine	19.38	184	7968	0.77	ng	97
34) 3,3'-Dichlorobenzidine	21.24	252	8710	0.69	ng	95

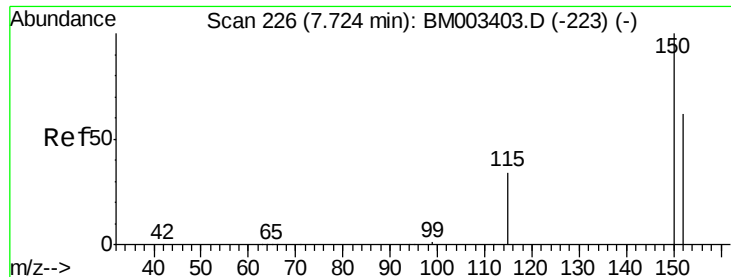
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.72 min Scan# 226

Delta R.T. 0.00 min

Lab File: BM003402.D

Acq: 07 Dec 2015 11:34

Instrument :

BNA_M

ClientSampleId :

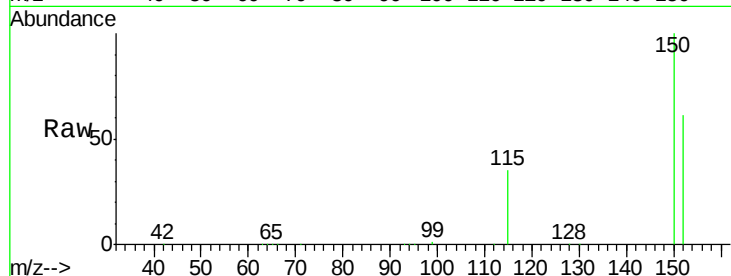
Tot Ion:152 Resp: 65134

Ion Ratio Lower Upper

152 100

150 162.9 116.3 174.5

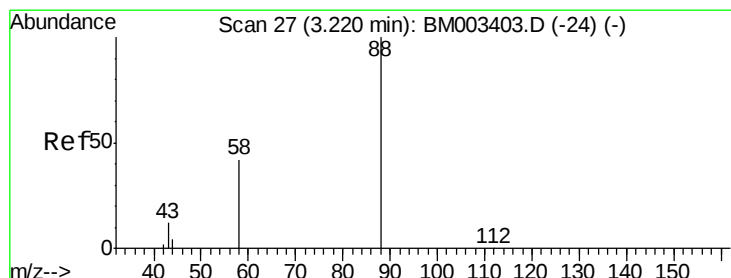
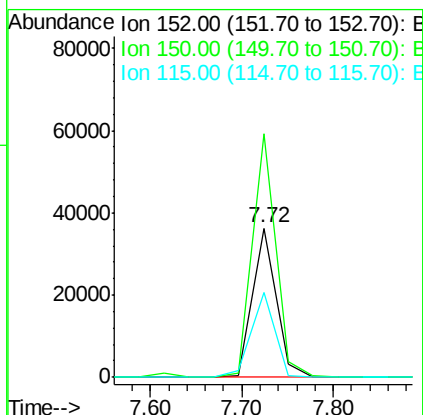
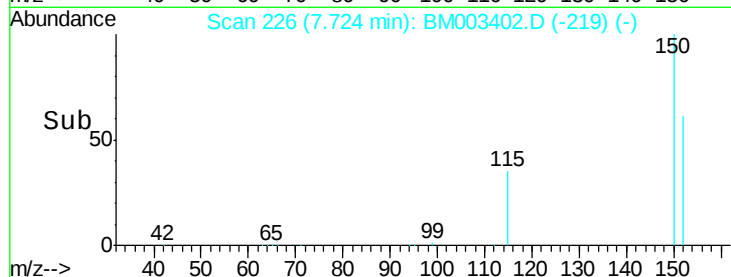
115 56.9 31.9 47.9#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.78 ng

RT: 3.22 min Scan# 27

Delta R.T. 0.00 min

Lab File: BM003402.D

Acq: 07 Dec 2015 11:34

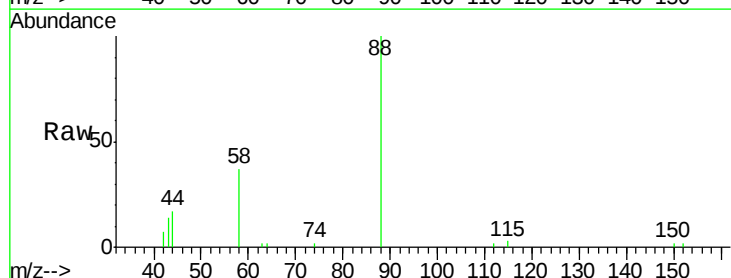
Tgt Ion: 88 Resp: 4298

Ion Ratio Lower Upper

88 100

58 60.8 75.5 113.3#

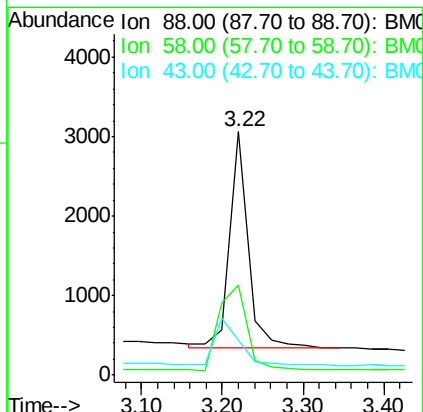
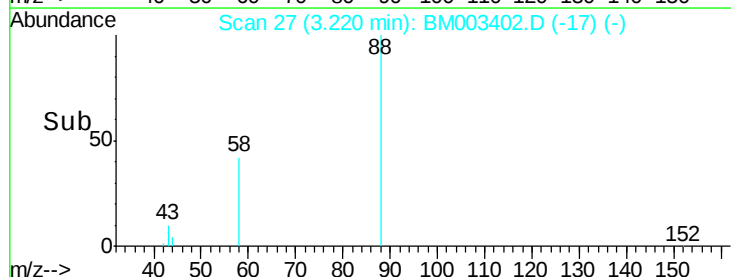
43 0.0 32.7 49.1#

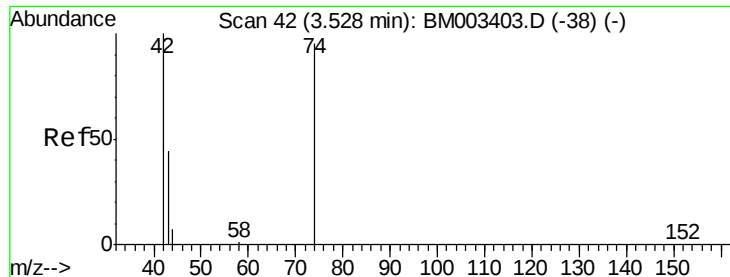


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 0.79 ng

RT: 3.53 min Scan# 42

Delta R.T. 0.00 min

Lab File: BM003402.D

Acq: 07 Dec 2015 11:34

Instrument :

BNA_M

ClientSampled :

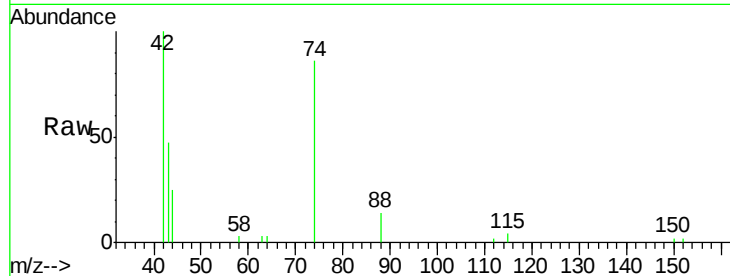
Tot Ion: 42 Resp: 4030

Ion Ratio Lower Upper

42 100

74 128.3 101.0 151.4

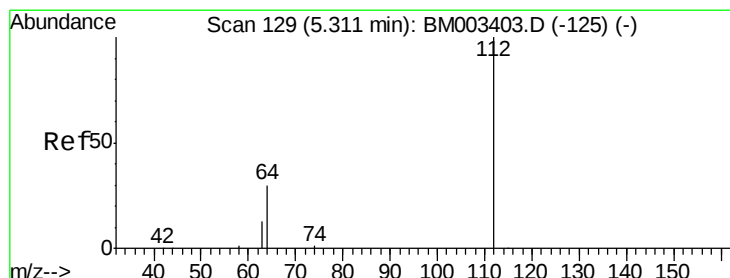
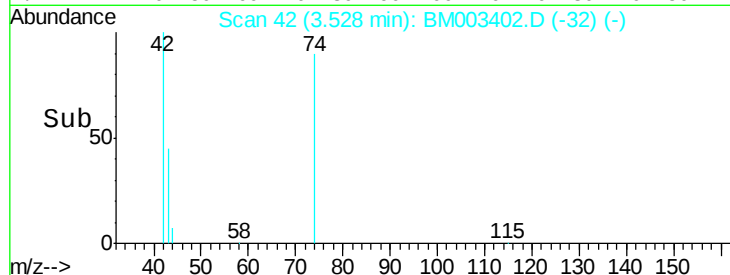
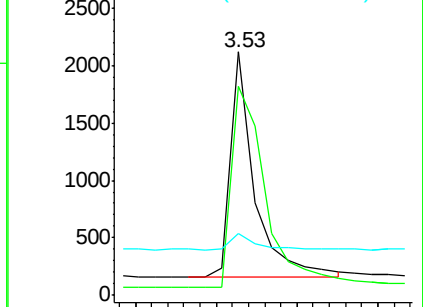
44 8.0 6.3 9.5



Abundance Ion 42.00 (41.70 to 42.70): BM003402.D (-32) (-)

Ion 74.00 (73.70 to 74.70): BM003402.D (-32) (-)

Ion 44.00 (43.70 to 44.70): BM003402.D (-32) (-)



#4

2-Fluorophenol

Concen: 0.76 ng

RT: 5.31 min Scan# 129

Delta R.T. 0.00 min

Lab File: BM003402.D

Acq: 07 Dec 2015 11:34

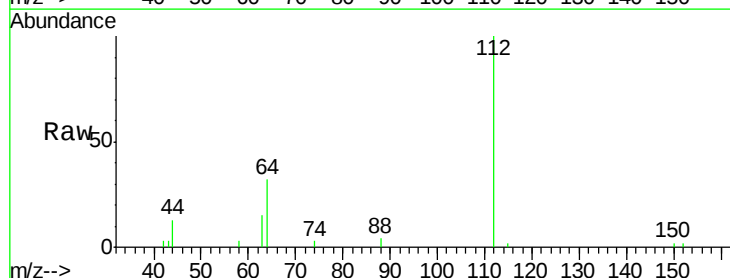
Tgt Ion: 112 Resp: 8491

Ion Ratio Lower Upper

112 100

64 32.1 49.3 73.9#

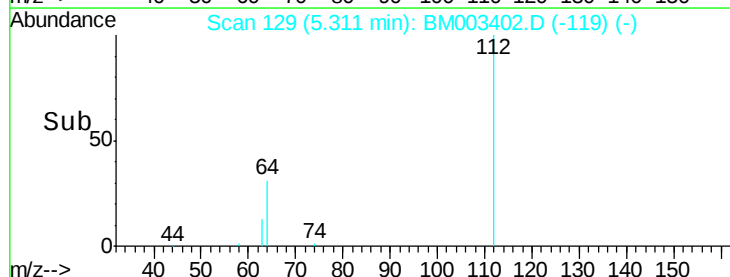
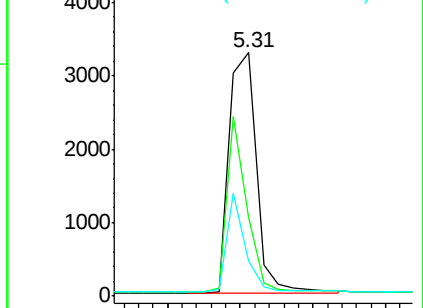
63 14.6 26.2 39.4#

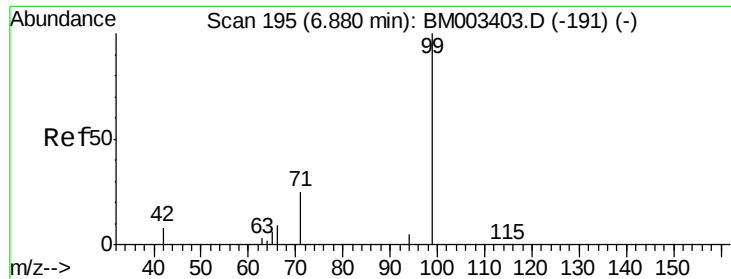


Abundance Ion 112.00 (111.70 to 112.70): BM003402.D (-119) (-)

Ion 64.00 (63.70 to 64.70): BM003402.D (-119) (-)

Ion 63.00 (62.70 to 63.70): BM003402.D (-119) (-)





#5

Phenol-d6

Concen: 0.75 ng

RT: 6.88 min Scan# 195

Delta R.T. 0.00 min

Lab File: BM003402.D

Acq: 07 Dec 2015 11:34

Instrument :

BNA_M

ClientSampleId :

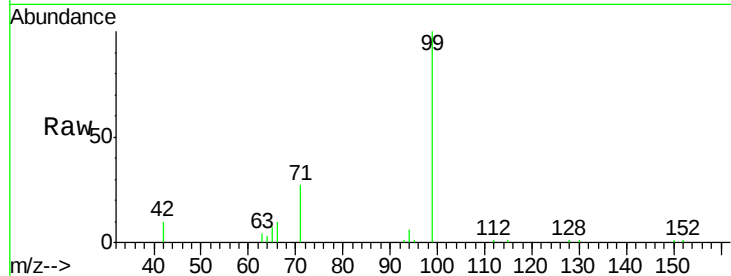
Tot Ion: 99 Resp: 11686

Ion Ratio Lower Upper

99 100

42 9.6 12.1 18.1#

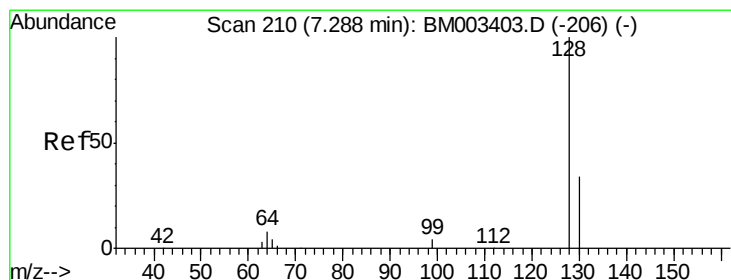
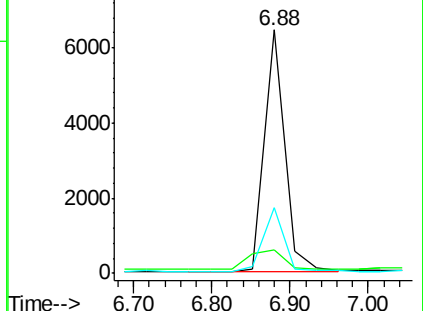
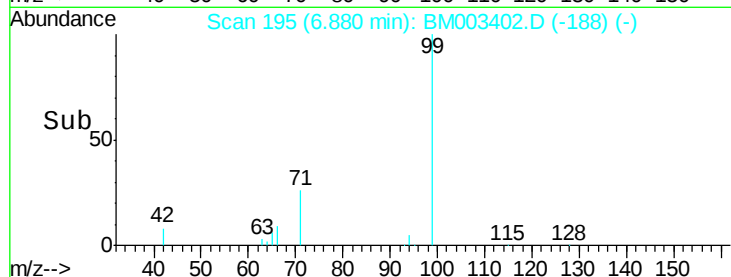
71 26.7 26.4 39.6



Abundance Ion 99.00 (98.70 to 99.70): BM003402.D (-188) (-)

Ion 42.00 (41.70 to 42.70): BM003402.D (-188) (-)

Ion 71.00 (70.70 to 71.70): BM003402.D (-188) (-)



#6

2-Chlorophenol

Concen: 0.75 ng

RT: 7.29 min Scan# 210

Delta R.T. 0.00 min

Lab File: BM003402.D

Acq: 07 Dec 2015 11:34

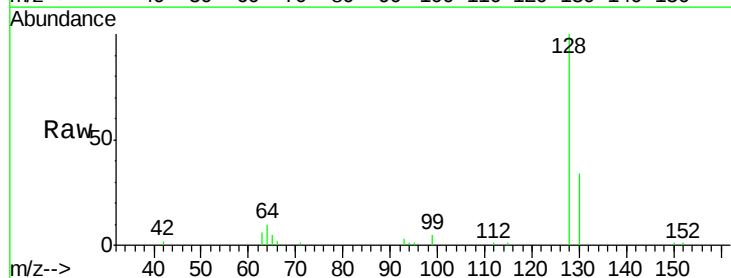
Tgt Ion: 128 Resp: 10895

Ion Ratio Lower Upper

128 100

130 34.4 22.2 62.2

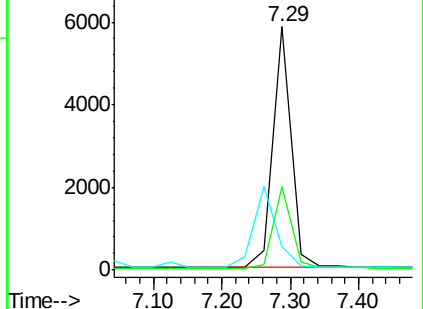
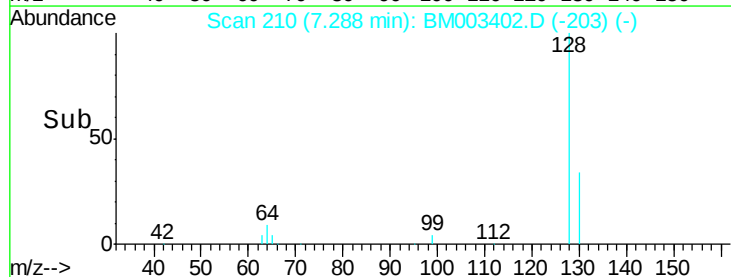
64 9.7 0.0 28.7

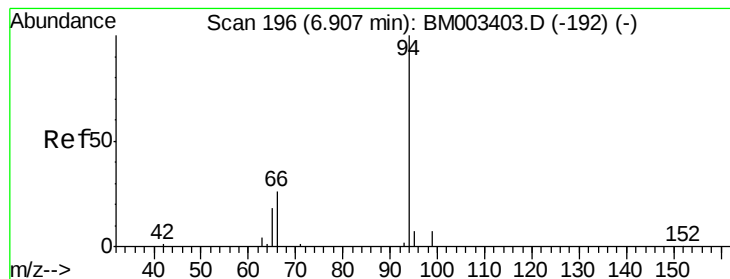


Abundance Ion 128.00 (127.70 to 128.70): BM003402.D (-203) (-)

Ion 130.00 (129.70 to 130.70): BM003402.D (-203) (-)

Ion 64.00 (63.70 to 64.70): BM003402.D (-203) (-)





#7

Phenol

Concen: 0.75 ng

RT: 6.91 min Scan# 196

Delta R.T. 0.00 min

Lab File: BM003402.D

Acq: 07 Dec 2015 11:34

Instrument :

BNA_M

ClientSampleId :

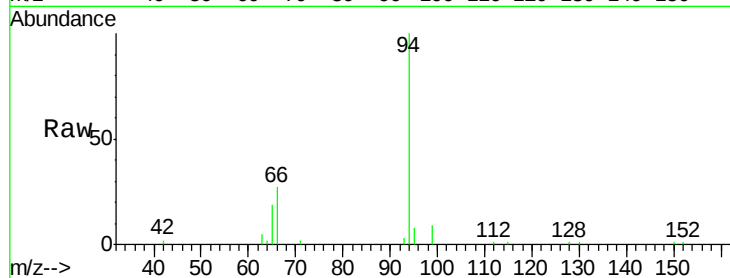
Tot Ion: 94 Resp: 12209

Ion Ratio Lower Upper

94 100

65 19.4 0.0 37.7

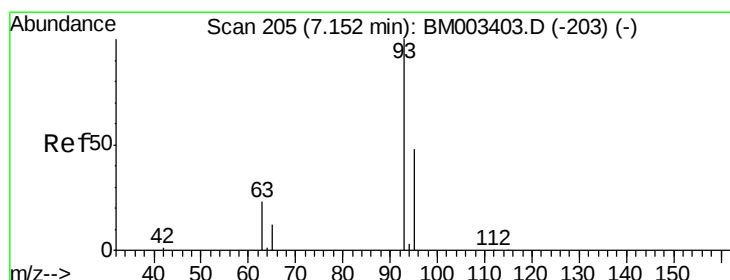
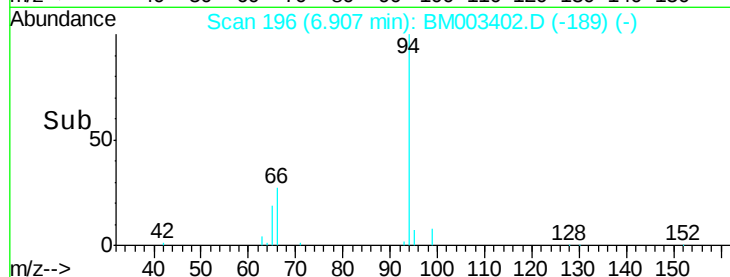
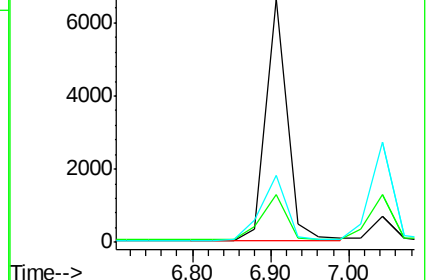
66 27.3 6.3 46.3



Abundance Ion 94.00 (93.70 to 94.70): BM003402.D (-192) (-)

Ion 65.00 (64.70 to 65.70): BM003402.D (-192) (-)

Ion 66.00 (65.70 to 66.70): BM003402.D (-192) (-)



#8

bis(2-Chloroethyl)ether

Concen: 0.78 ng

RT: 7.15 min Scan# 205

Delta R.T. 0.00 min

Lab File: BM003402.D

Acq: 07 Dec 2015 11:34

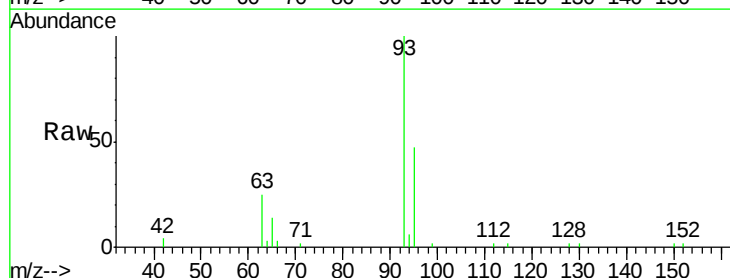
Tgt Ion: 93 Resp: 9149

Ion Ratio Lower Upper

93 100

63 0.0 58.2 87.4#

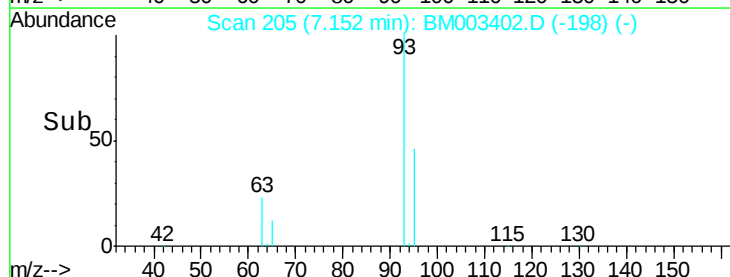
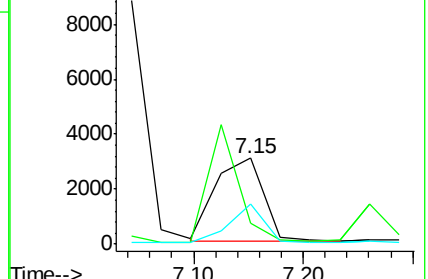
95 35.0 26.2 39.4

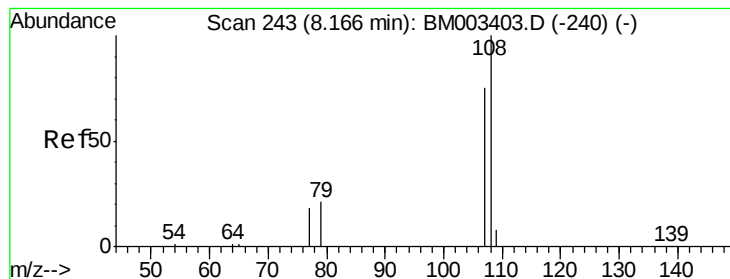


Abundance Ion 93.00 (92.70 to 93.70): BM003402.D (-203) (-)

Ion 63.00 (62.70 to 63.70): BM003402.D (-203) (-)

Ion 95.00 (94.70 to 95.70): BM003402.D (-203) (-)





#9

2-Methylphenol

Concen: 0.74 ng

RT: 8.17 min Scan# 243

Delta R.T. 0.00 min

Lab File: BM003402.D

Acq: 07 Dec 2015 11:34

Instrument :

BNA_M

ClientSampleId :

Tot Ion:107 Resp: 6866

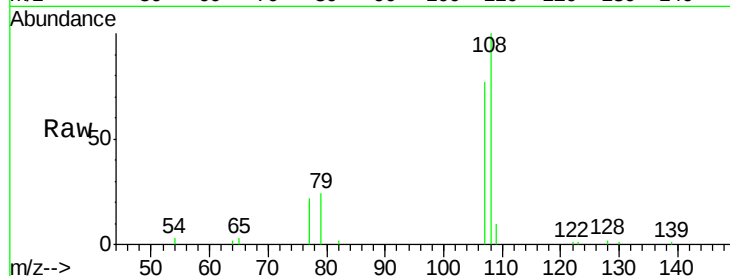
Ion Ratio Lower Upper

107 100

108 129.7 100.9 151.3

77 28.1 20.3 30.5

79 31.6 22.8 34.2

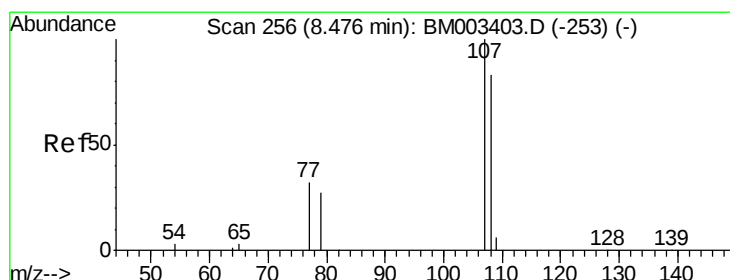
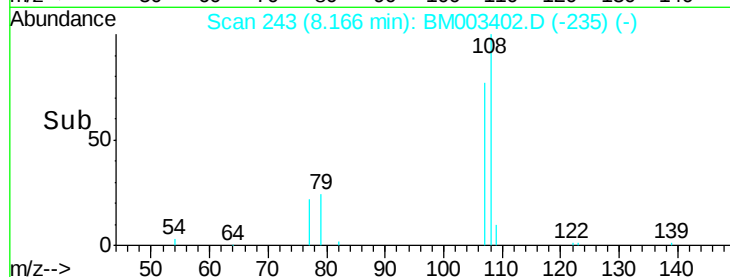
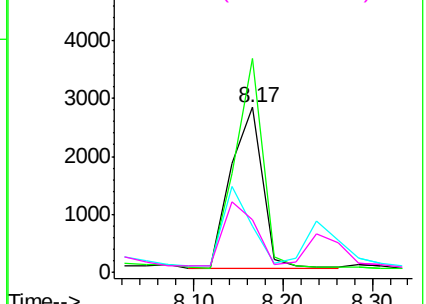


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BMC

Ion 79.00 (78.70 to 79.70): BMC



#10

3+4-Methylphenols

Concen: 0.74 ng

RT: 8.48 min Scan# 256

Delta R.T. 0.00 min

Lab File: BM003402.D

Acq: 07 Dec 2015 11:34

Tgt Ion:107 Resp: 9934

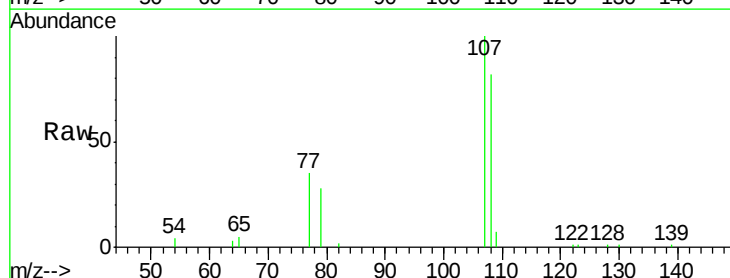
Ion Ratio Lower Upper

107 100

108 81.7 86.3 126.3#

77 34.6 151.7 191.7#

79 28.5 7.4 47.4

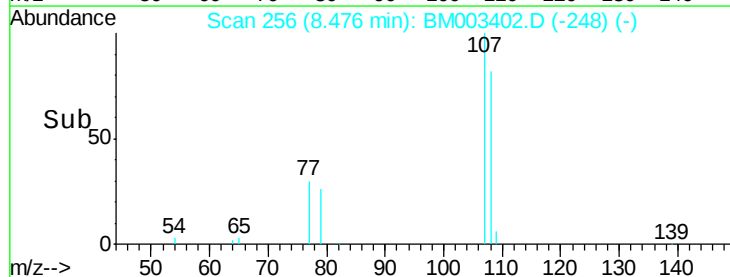
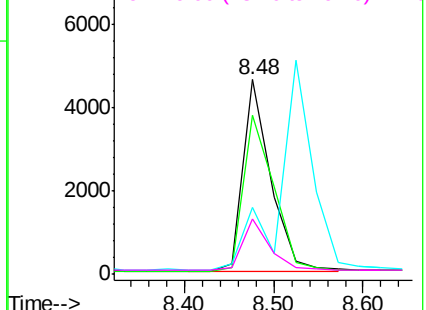


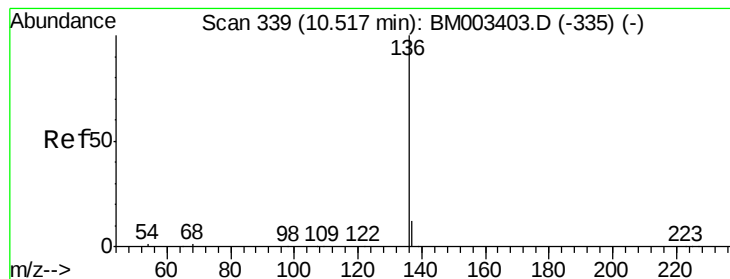
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BMC

Ion 79.00 (78.70 to 79.70): BMC





#11

Naphthalene-d8

Concen: 5.00 ng

RT: 10.52 min Scan# 339

Delta R.T. 0.00 min

Lab File: BM003402.D

Acq: 07 Dec 2015 11:34

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 230486

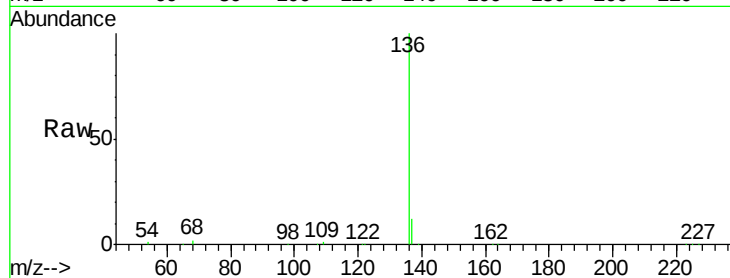
Ion Ratio Lower Upper

136 100

137 12.0 9.1 13.7

54 1.1 2.6 3.8#

68 1.5 2.2 3.2#

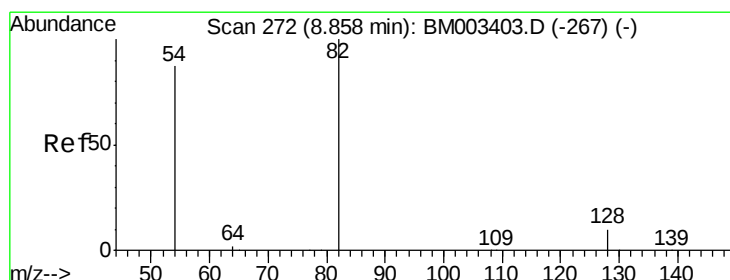
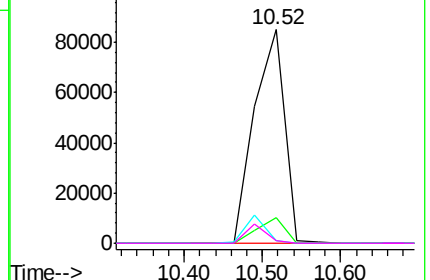
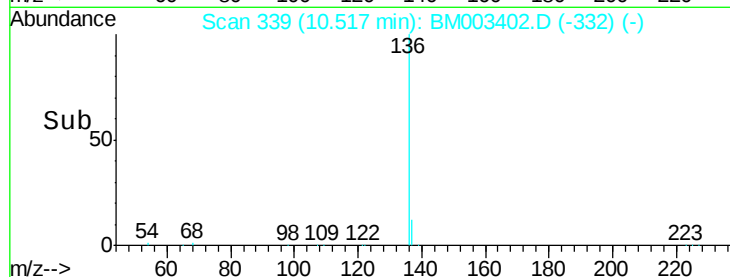


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.74 ng

RT: 8.88 min Scan# 273

Delta R.T. 0.02 min

Lab File: BM003402.D

Acq: 07 Dec 2015 11:34

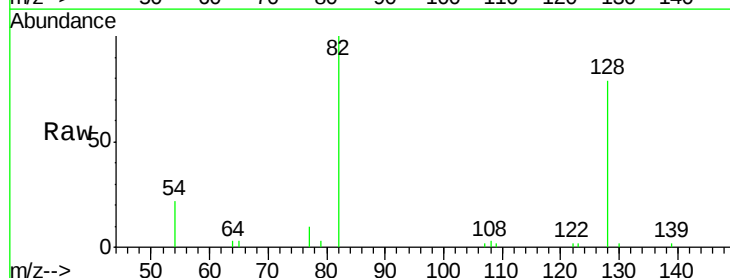
Tgt Ion: 82 Resp: 9063

Ion Ratio Lower Upper

82 100

128 43.1 0.0 0.0#

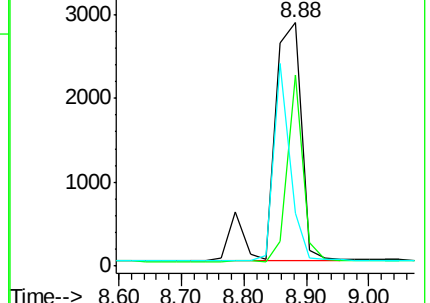
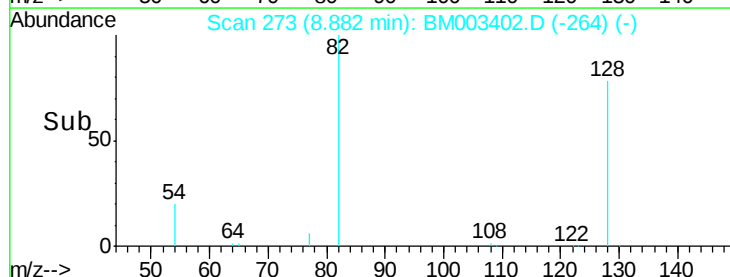
54 0.0 59.0 88.6#

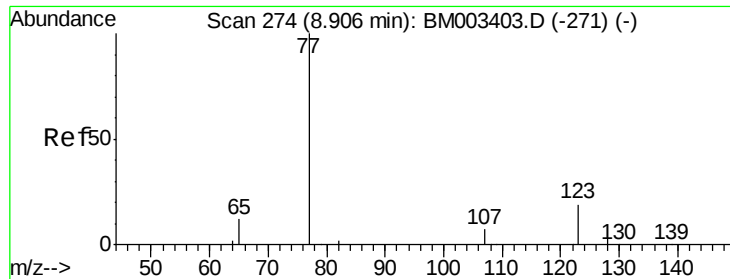


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM

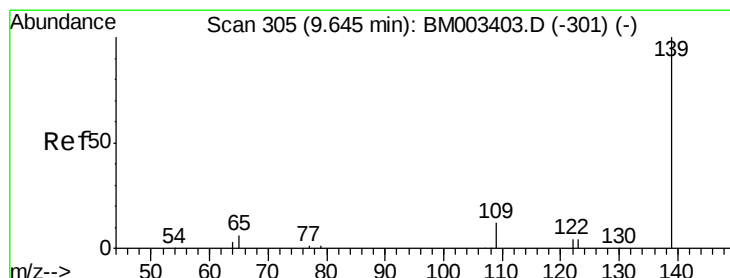
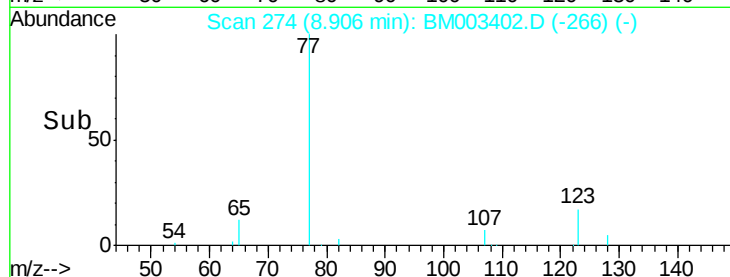
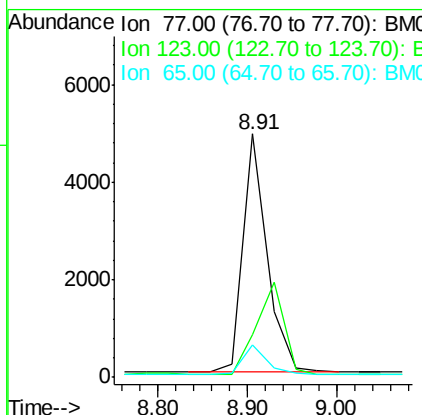
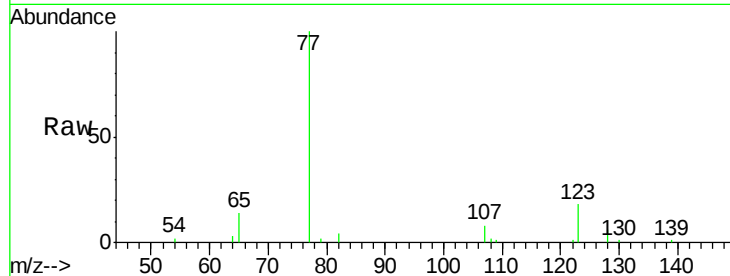




#13
Nitrobenzene
Concen: 0.73 ng
RT: 8.91 min Scan# 274
Delta R.T. 0.00 min
Lab File: BM003402.D
Acq: 07 Dec 2015 11:34

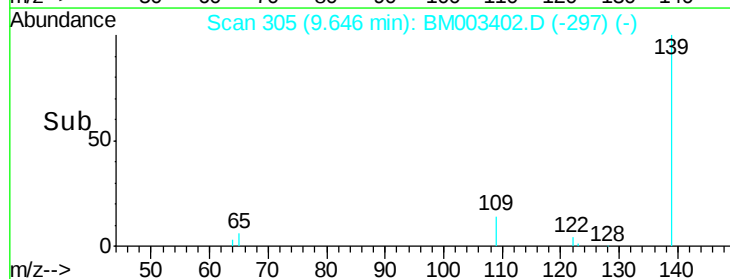
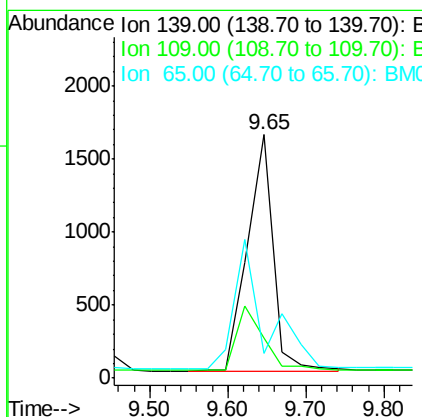
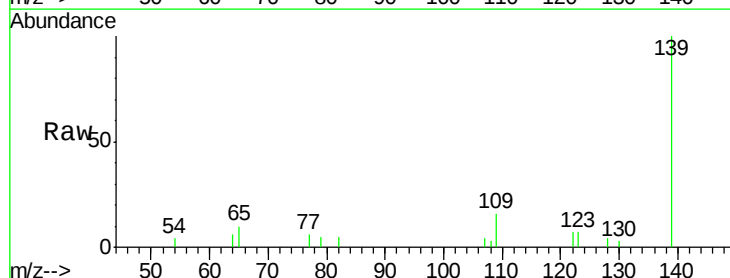
Instrument :
BNA_M
ClientSampleId :

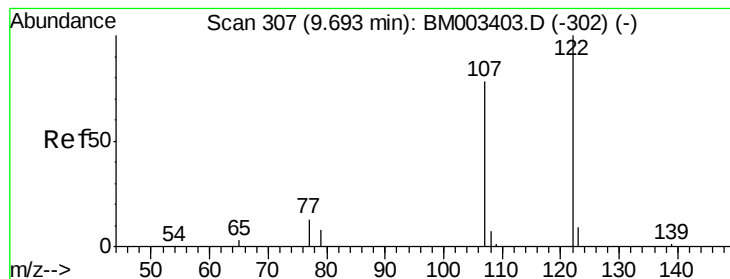
Tot Ion: 77 Resp: 9255
Ion Ratio Lower Upper
77 100
123 0.0 37.7 56.5#
65 12.3 9.8 14.6



#14
2-Nitrophenol
Concen: 0.71 ng
RT: 9.65 min Scan# 305
Delta R.T. 0.00 min
Lab File: BM003402.D
Acq: 07 Dec 2015 11:34

Tgt Ion: 139 Resp: 3675
Ion Ratio Lower Upper
139 100
109 16.3 19.5 29.3#
65 10.1 18.6 28.0#





#15

2,4-Dimethylphenol

Concen: 0.75 ng

RT: 9.69 min Scan# 307

Delta R.T. 0.00 min

Lab File: BM003402.D

Acq: 07 Dec 2015 11:34

Instrument :

BNA_M

ClientSampleId :

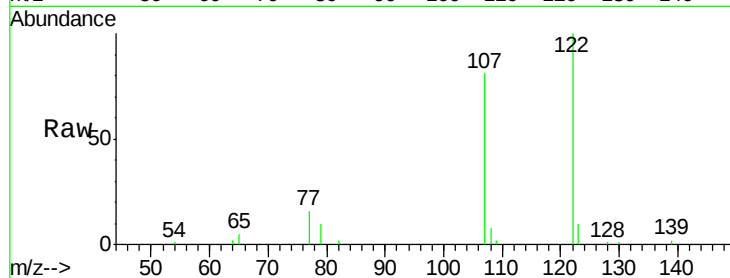
Tot Ion:122 Resp: 9160

Ion Ratio Lower Upper

122 100

107 80.7 68.6 102.8

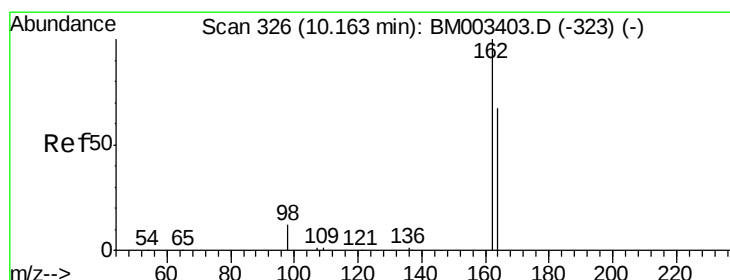
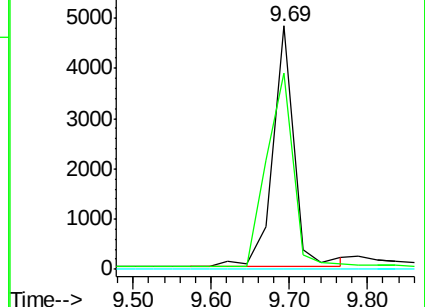
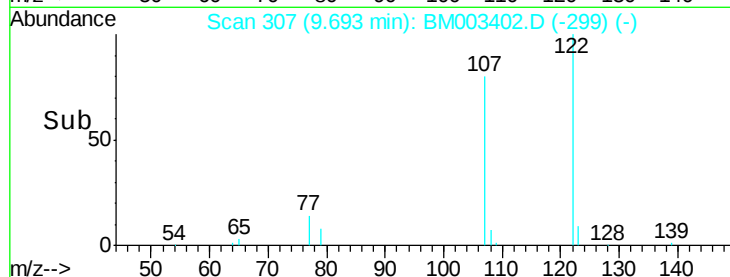
121 0.0 44.8 67.2#



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: 0.77 ng

RT: 10.16 min Scan# 326

Delta R.T. 0.00 min

Lab File: BM003402.D

Acq: 07 Dec 2015 11:34

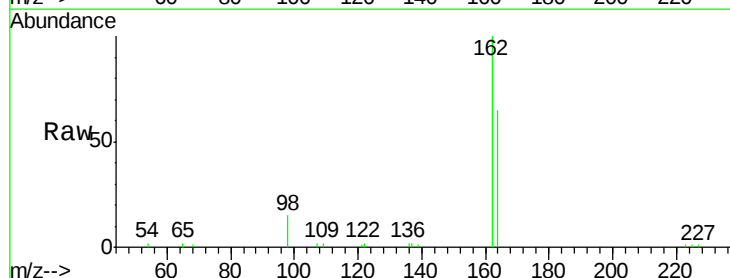
Tgt Ion:162 Resp: 8786

Ion Ratio Lower Upper

162 100

164 65.5 49.2 89.2

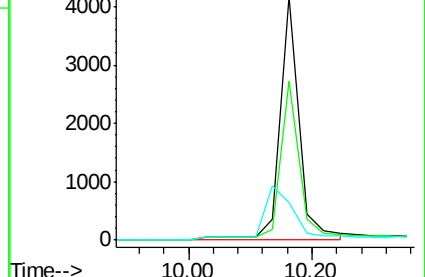
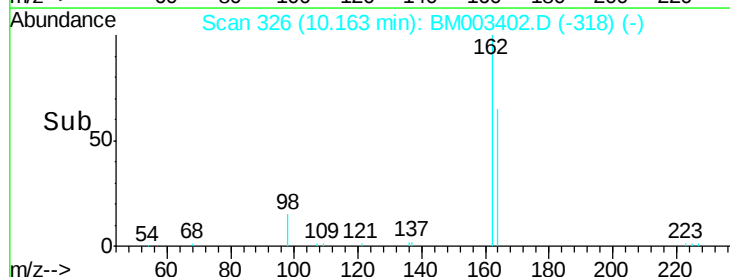
98 15.5 0.0 37.4

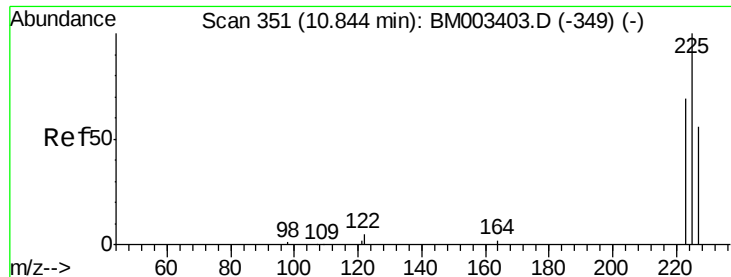


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM

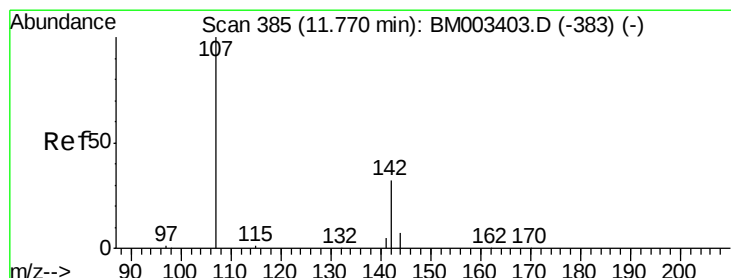
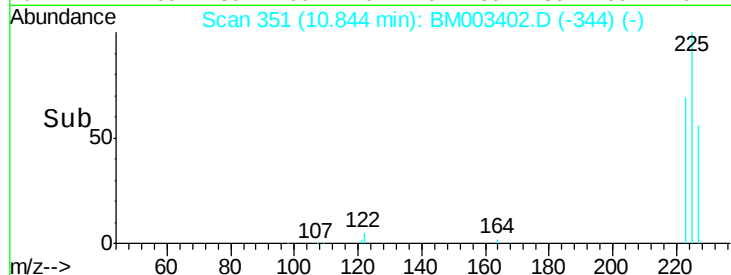
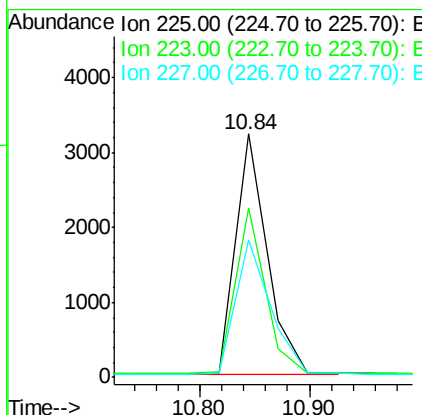
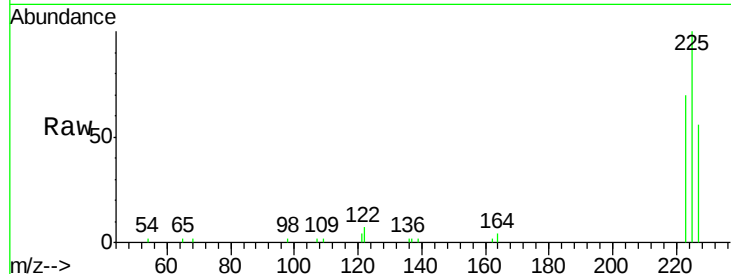




#17
Hexachlorobutadiene
Concen: 0.76 ng
RT: 10.84 min Scan# 351
Delta R.T. 0.00 min
Lab File: BM003402.D
Acq: 07 Dec 2015 11:34

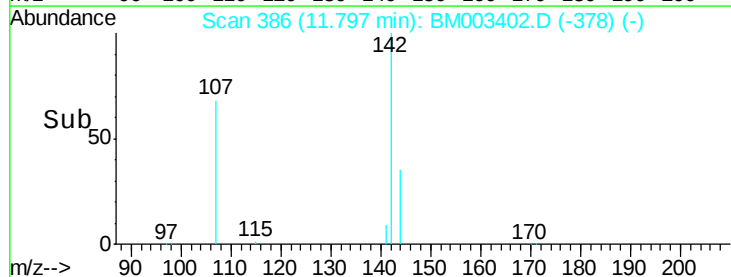
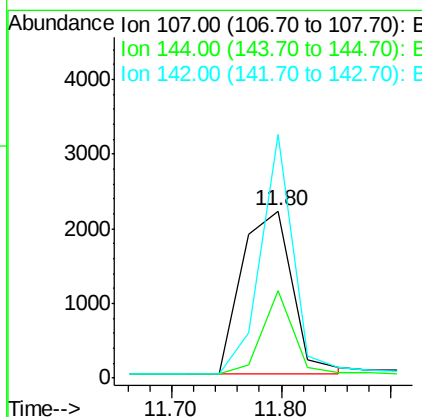
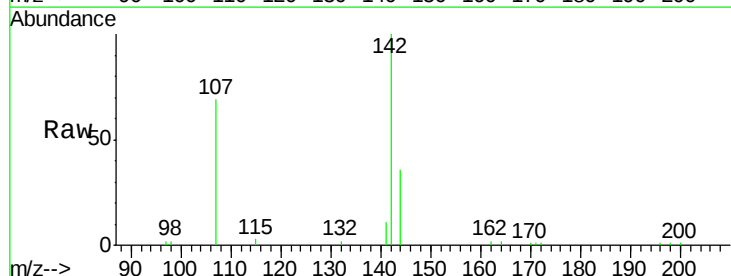
Instrument :
BNA_M
ClientSampleId :

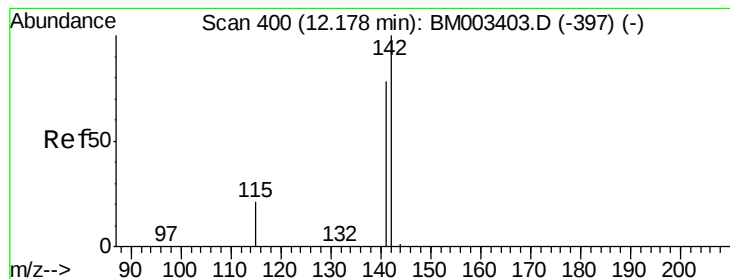
Tot Ion:225 Resp: 6446
Ion Ratio Lower Upper
225 100
223 65.0 53.0 79.4
227 60.8 52.2 78.4



#18
4-Chloro-3-methylphenol
Concen: 0.78 ng
RT: 11.80 min Scan# 386
Delta R.T. 0.03 min
Lab File: BM003402.D
Acq: 07 Dec 2015 11:34

Tgt Ion:107 Resp: 7099
Ion Ratio Lower Upper
107 100
144 52.0 16.2 24.2#
142 145.5 49.8 74.6#





#19

2-Methylnaphthalene

Concen: 0.78 ng

RT: 12.18 min Scan# 400

Delta R.T. 0.00 min

Lab File: BM003402.D

Acq: 07 Dec 2015 11:34

Instrument :

BNA_M

ClientSampleId :

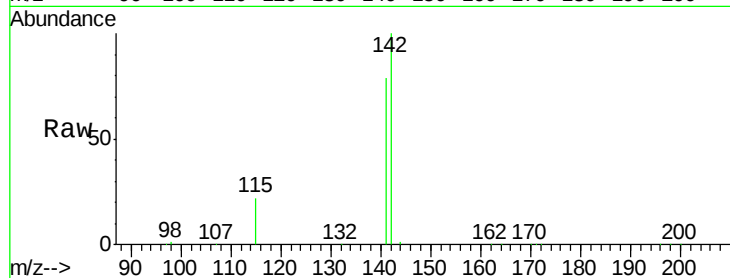
Tot Ion:142 Resp: 27920

Ion Ratio Lower Upper

142 100

141 84.8 71.4 107.0

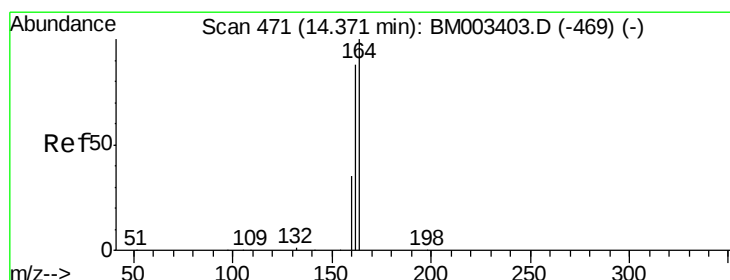
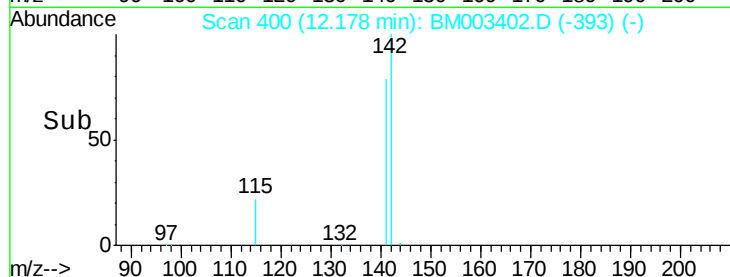
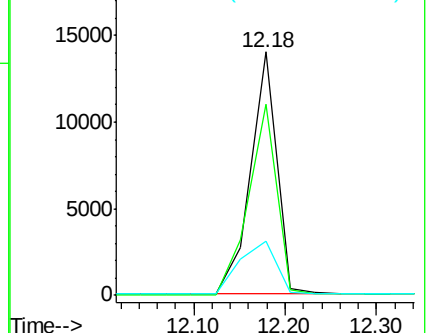
115 30.6 29.3 43.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#20

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.37 min Scan# 471

Delta R.T. 0.00 min

Lab File: BM003402.D

Acq: 07 Dec 2015 11:34

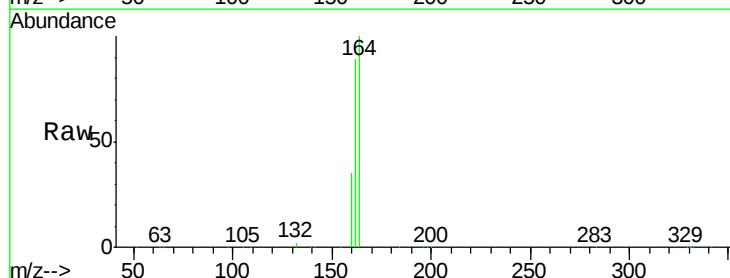
Tgt Ion:164 Resp: 128994

Ion Ratio Lower Upper

164 100

162 88.7 79.2 118.8

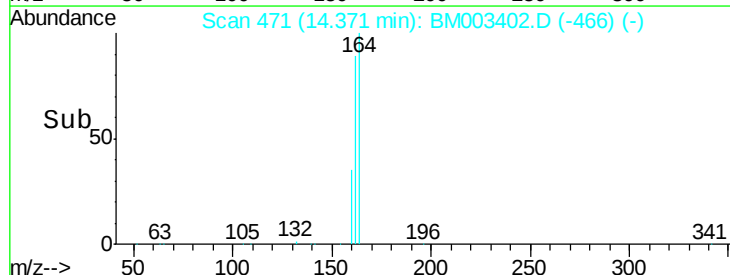
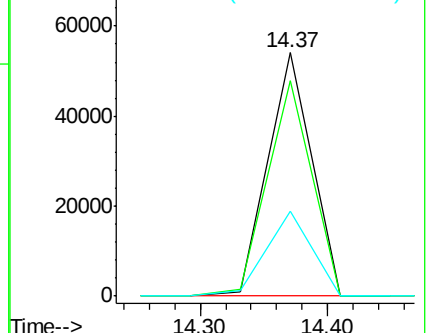
160 35.1 33.7 50.5

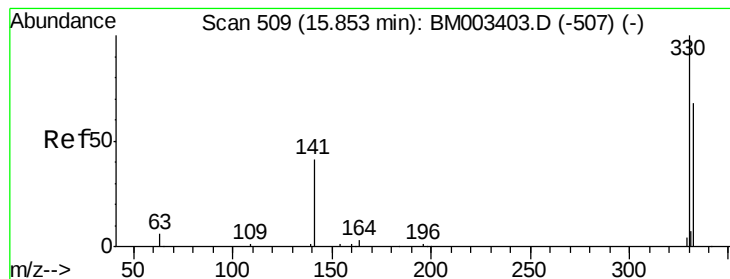


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

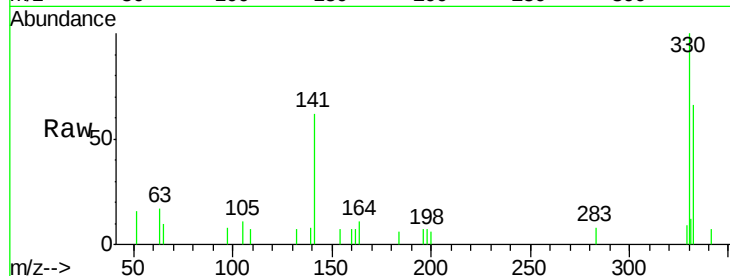




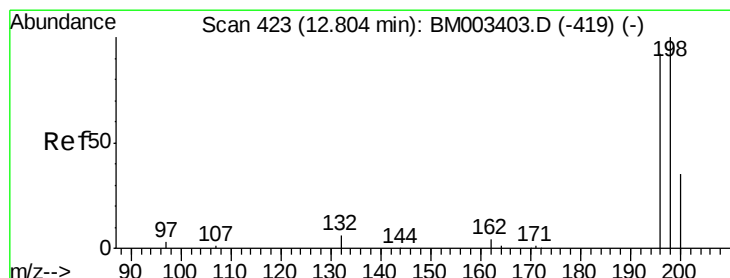
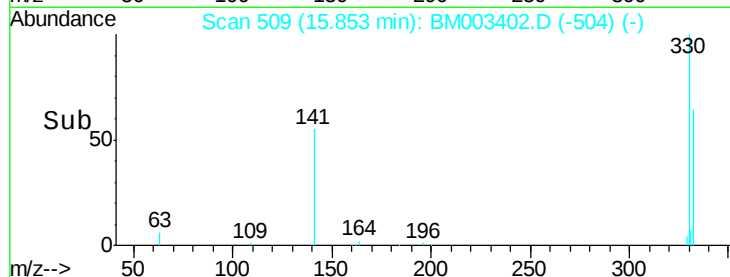
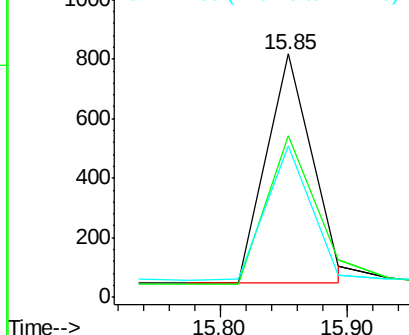
#21
 2,4,6-Tribromophenol
 Concen: 0.65 ng
 RT: 15.85 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: BM003402.D
 Acq: 07 Dec 2015 11:34

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:330 Resp: 1938
 Ion Ratio Lower Upper
 330 100
 332 69.6 74.0 111.0#
 141 56.6 24.1 36.1#

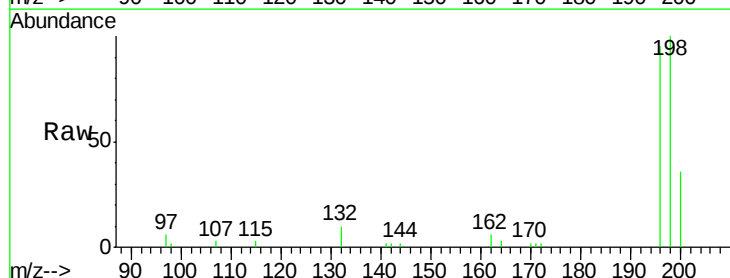


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

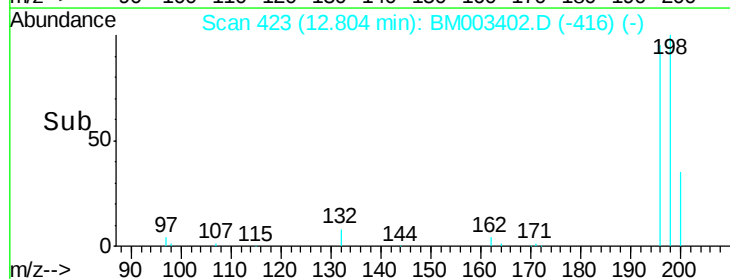
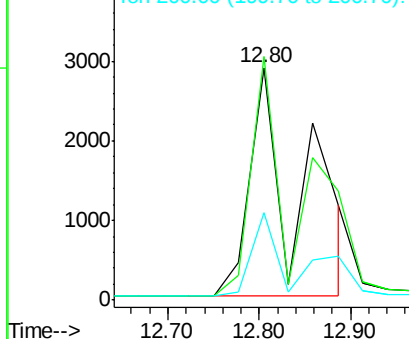


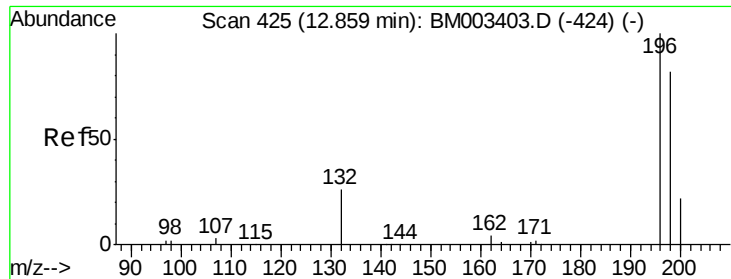
#22
 2,4,6-Trichlorophenol
 Concen: 1.27 ng
 RT: 12.80 min Scan# 423
 Delta R.T. 0.00 min
 Lab File: BM003402.D
 Acq: 07 Dec 2015 11:34

Tgt Ion:196 Resp: 11023
 Ion Ratio Lower Upper
 196 100
 198 104.8 54.2 81.2#
 200 37.4 17.1 25.7#



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

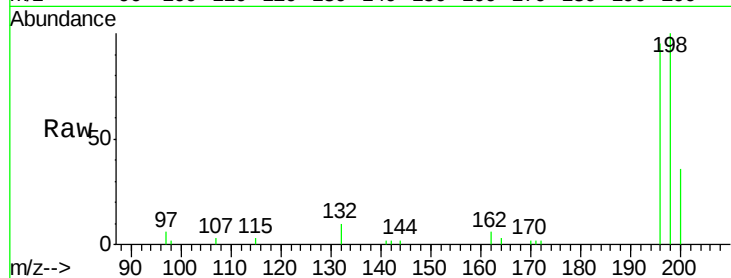




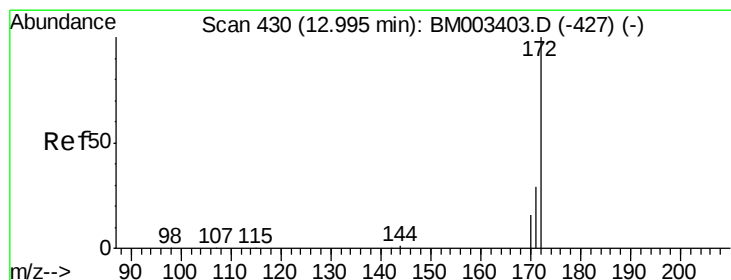
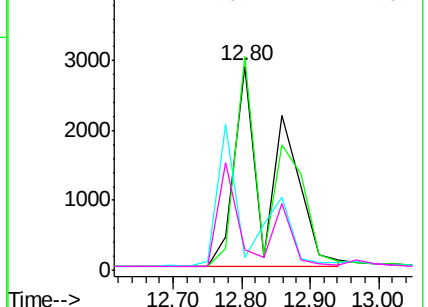
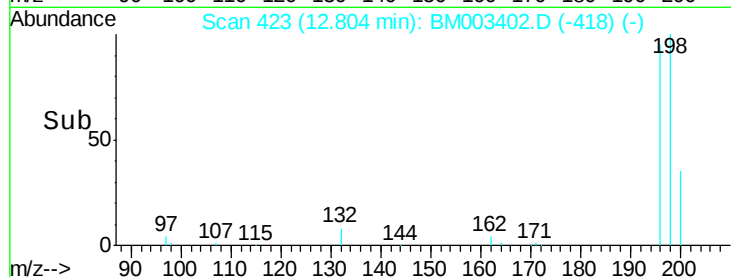
#23
2,4,5-Trichlorophenol
Concen: 1.08 ng
RT: 12.80 min Scan# 423
Delta R.T. -0.05 min
Lab File: BM003402.D
Acq: 07 Dec 2015 11:34

Instrument :
BNA_M
ClientSampleId :

Tot Ion:196 Resp: 11455
Ion Ratio Lower Upper
196 100
198 104.8 73.6 110.4
97 6.4 0.0 0.0#
132 10.3 0.0 0.0#

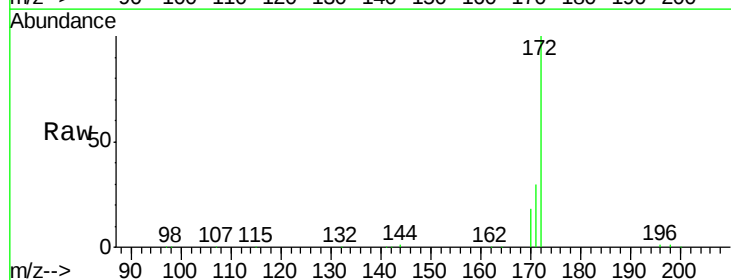


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BM
Ion 132.00 (131.70 to 132.70): E

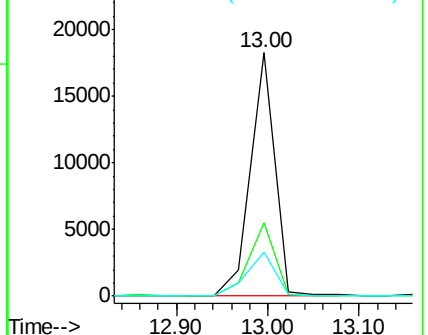
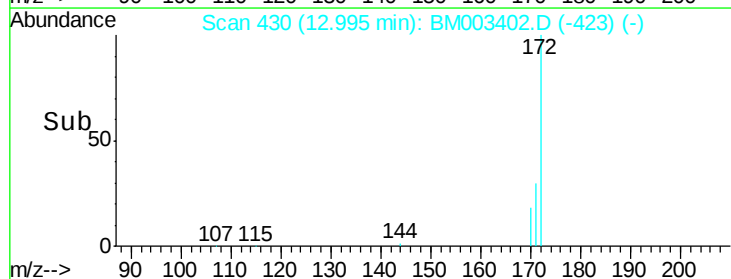


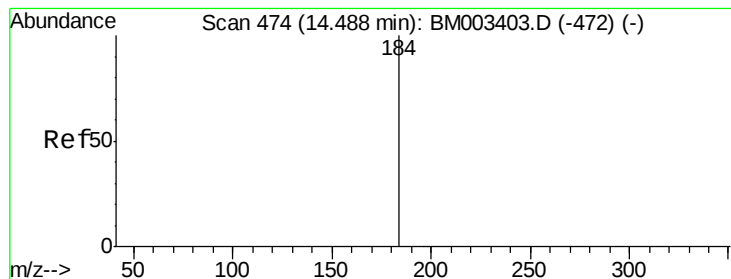
#24
2-Fluorobiphenyl
Concen: 0.73 ng
RT: 13.00 min Scan# 430
Delta R.T. 0.00 min
Lab File: BM003402.D
Acq: 07 Dec 2015 11:34

Tgt Ion:172 Resp: 33333
Ion Ratio Lower Upper
172 100
171 32.0 28.0 42.0
170 20.4 18.9 28.3



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





#25

2,4-Dinitrophenol

Concen: 0.70 ng

RT: 14.49 min Scan# 474

Delta R.T. 0.00 min

Lab File: BM003402.D

Acq: 07 Dec 2015 11:34

Instrument :

BNA_M

ClientSampled :

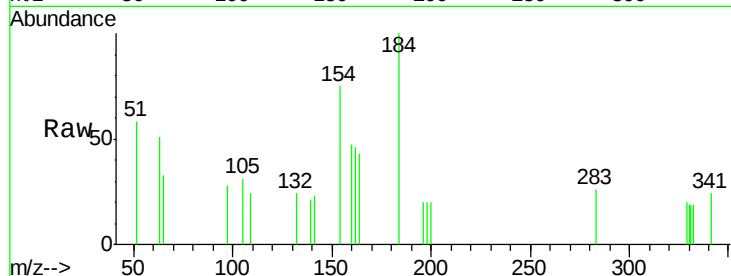
Tot Ion:184 Resp: 564

Ion Ratio Lower Upper

184 100

63 51.2 52.0 78.0#

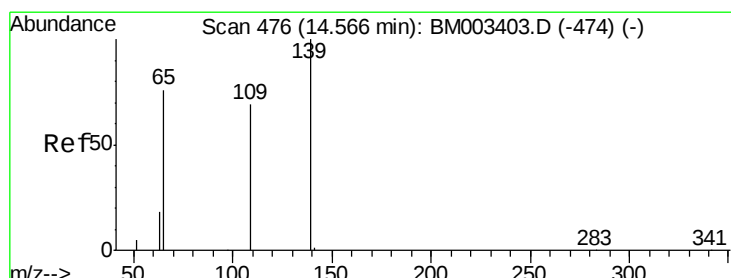
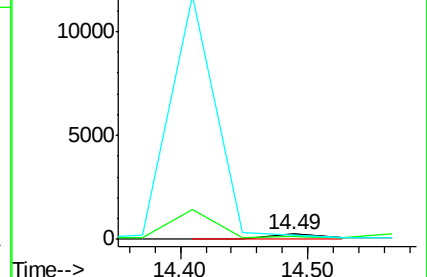
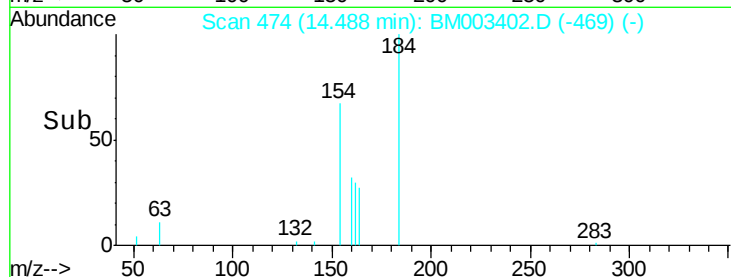
154 75.2 51.4 77.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM003402.D (-472) (-)

Ion 154.00 (153.70 to 154.70): E



#26

4-Nitrophenol

Concen: 0.54 ng

RT: 14.57 min Scan# 476

Delta R.T. 0.00 min

Lab File: BM003402.D

Acq: 07 Dec 2015 11:34

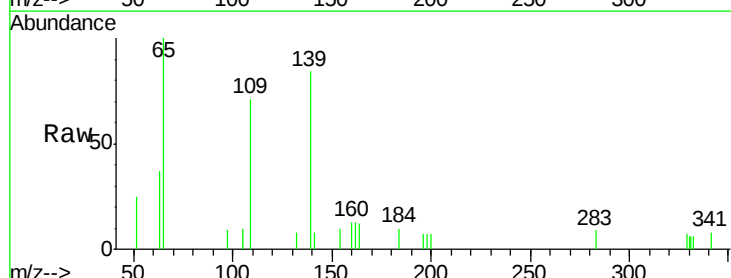
Tgt Ion:139 Resp: 1833

Ion Ratio Lower Upper

139 100

109 84.3 60.0 100.0

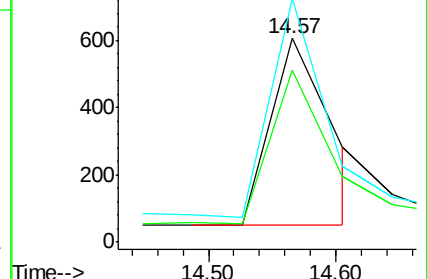
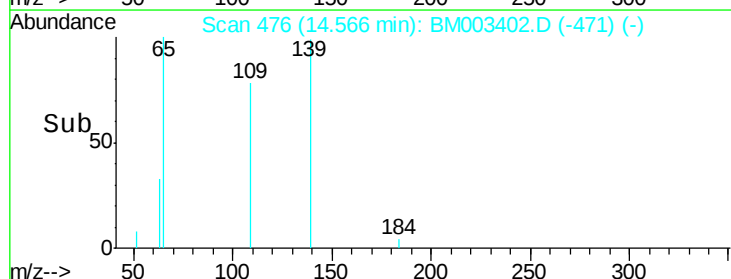
65 119.5 85.7 125.7

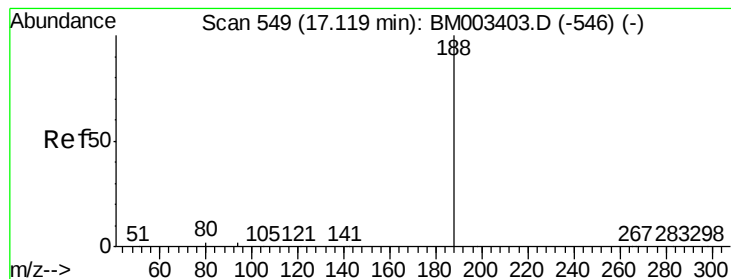


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM003402.D (-474) (-)





#27

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.12 min Scan# 549

Delta R.T. 0.00 min

Lab File: BM003402.D

Acq: 07 Dec 2015 11:34

Instrument :

BNA_M

ClientSampled :

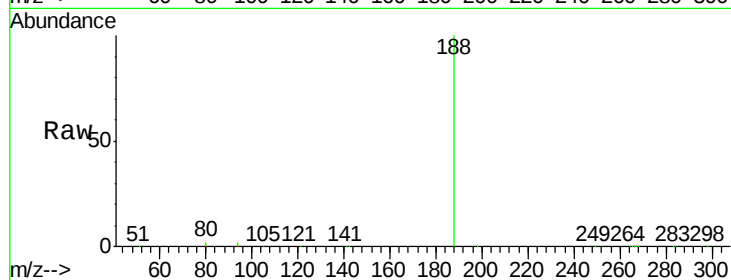
Tot Ion:188 Resp: 196315

Ion Ratio Lower Upper

188 100

94 2.4 2.9 4.3#

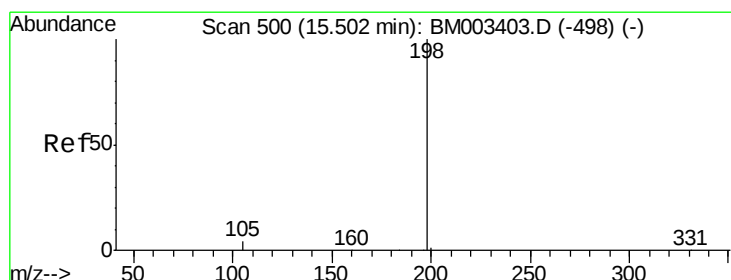
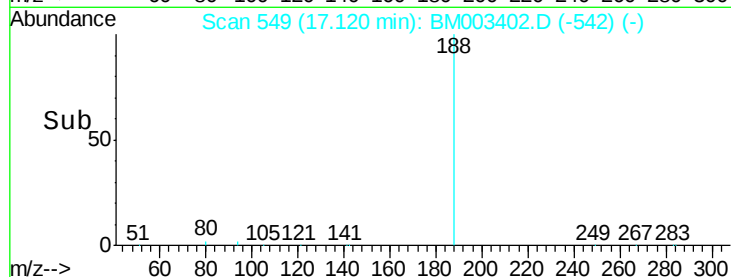
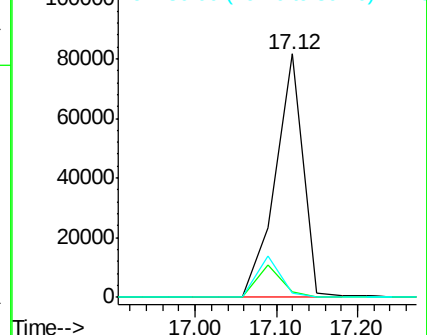
80 1.9 2.5 3.7#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#28

4,6-Dinitro-2-methylphenol

Concen: 0.83 ng

RT: 15.50 min Scan# 500

Delta R.T. 0.00 min

Lab File: BM003402.D

Acq: 07 Dec 2015 11:34

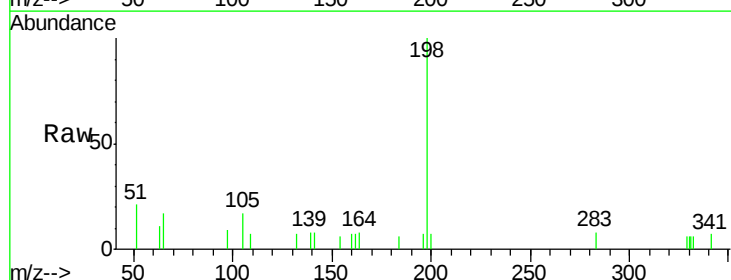
Tgt Ion:198 Resp: 1903

Ion Ratio Lower Upper

198 100

51 20.8 60.8 100.8#

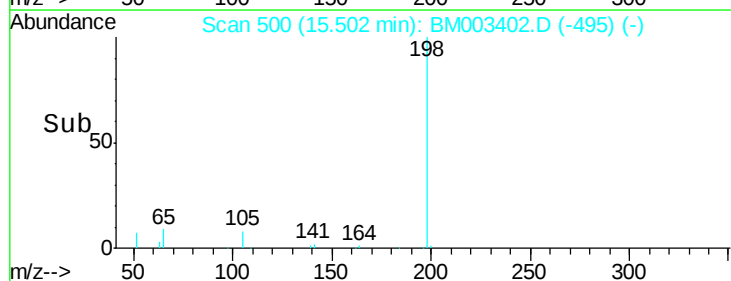
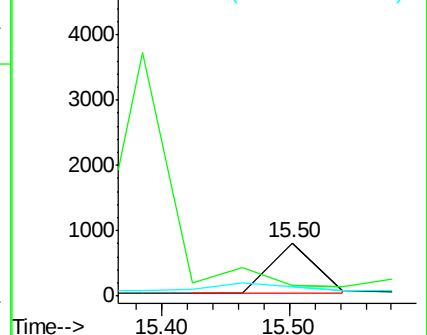
105 17.4 30.0 70.0#

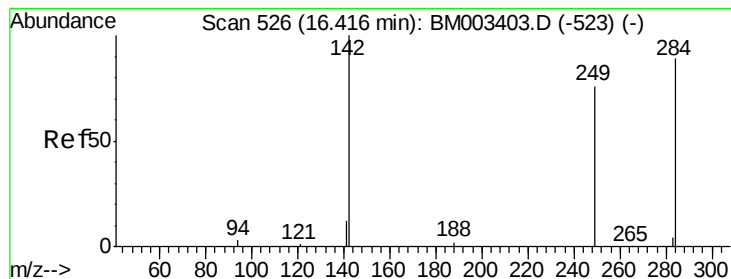


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E





#29

Hexachlorobenzene

Concen: 0.74 ng

RT: 16.42 min Scan# 526

Delta R.T. 0.00 min

Lab File: BM003402.D

Acq: 07 Dec 2015 11:34

Instrument :

BNA_M

ClientSampleId :

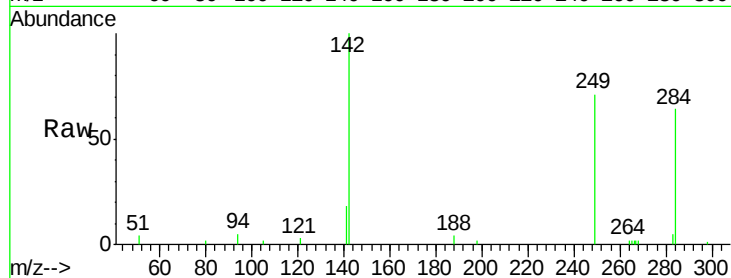
Tot Ion:284 Resp: 6178

Ion Ratio Lower Upper

284 100

142 94.2 23.3 34.9#

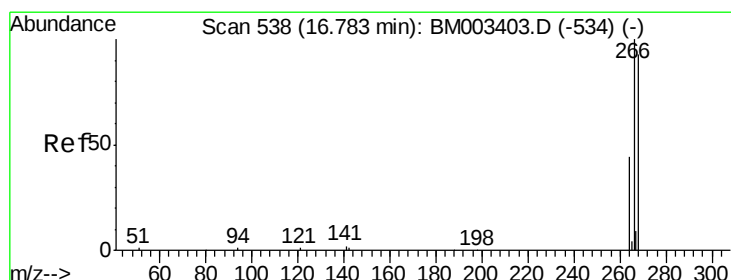
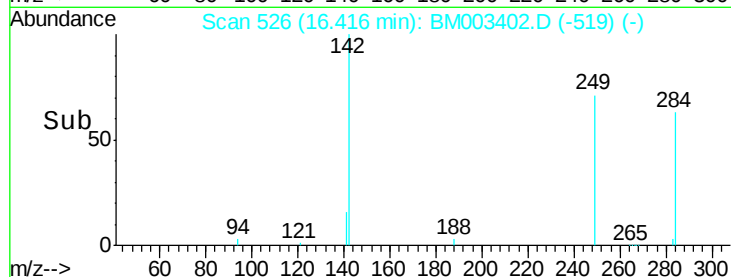
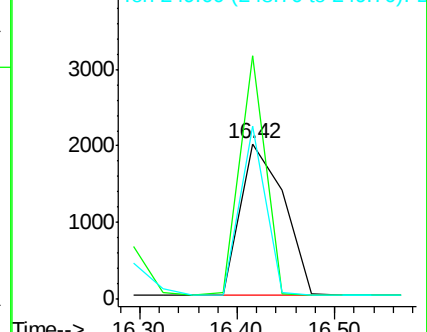
249 66.6 23.3 34.9#



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



#30

Pentachlorophenol

Concen: 0.73 ng

RT: 16.78 min Scan# 538

Delta R.T. 0.00 min

Lab File: BM003402.D

Acq: 07 Dec 2015 11:34

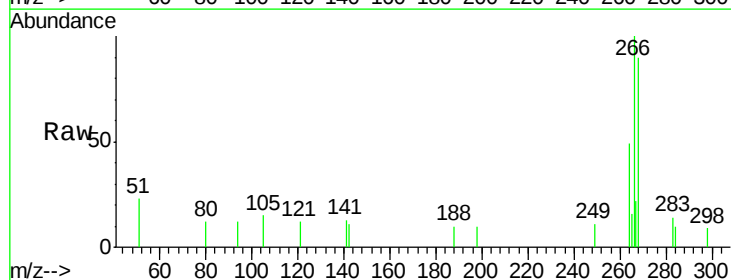
Tgt Ion:266 Resp: 1454

Ion Ratio Lower Upper

266 100

268 89.9 62.6 94.0

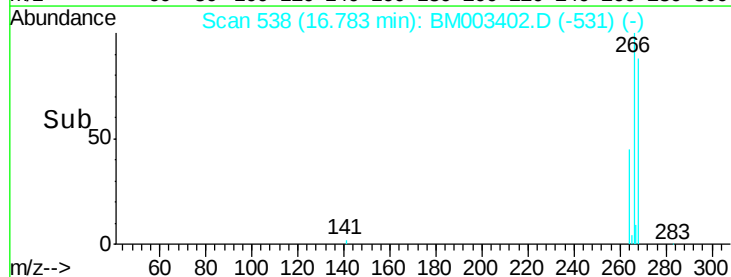
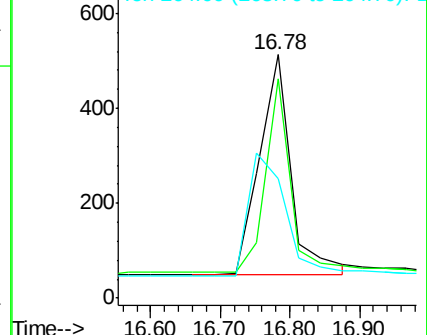
264 49.3 47.9 71.9

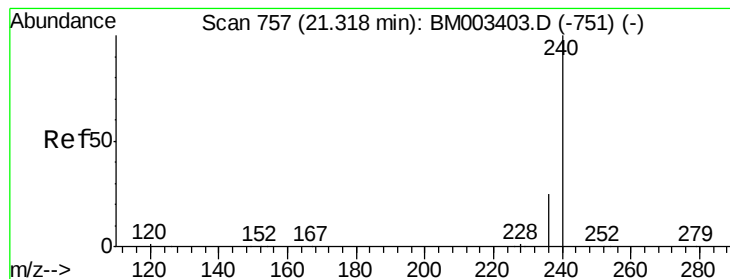


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#31

Chrysene-d12

Concen: 5.00 ng

RT: 21.31 min Scan# 757

Delta R.T. -0.01 min

Lab File: BM003402.D

Acq: 07 Dec 2015 11:34

Instrument :

BNA_M

ClientSampleId :

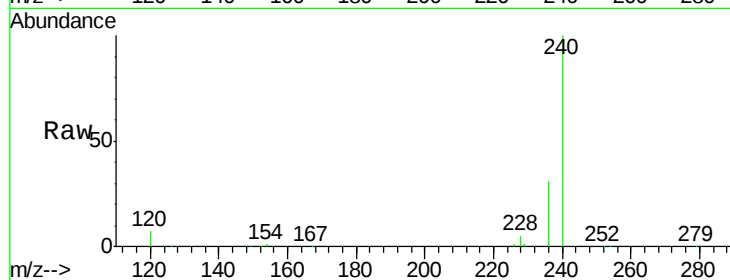
Tot Ion:240 Resp: 206158

Ion Ratio Lower Upper

240 100

120 6.7 10.4 15.6#

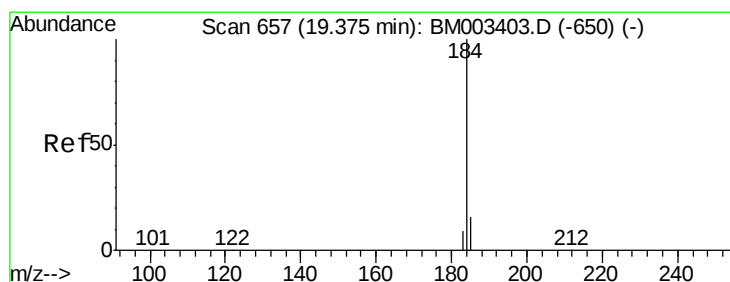
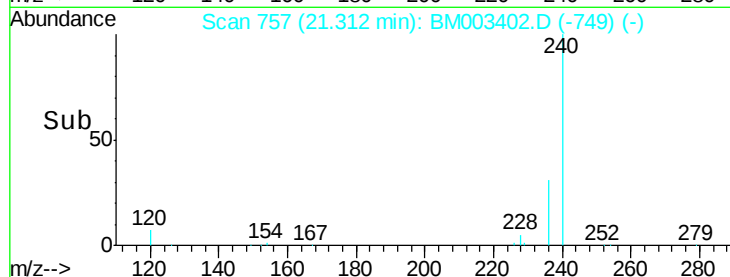
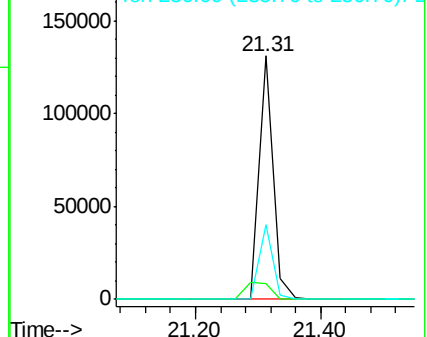
236 30.9 22.0 33.0



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

Benzidine

Concen: 0.77 ng

RT: 19.38 min Scan# 657

Delta R.T. 0.00 min

Lab File: BM003402.D

Acq: 07 Dec 2015 11:34

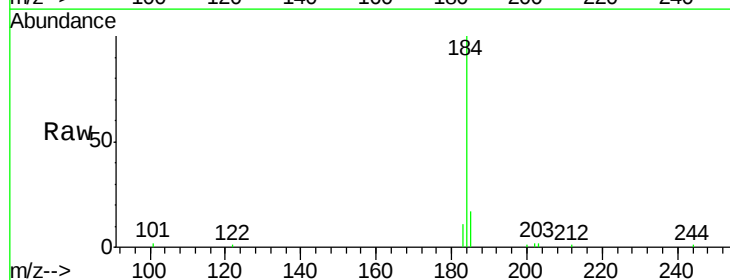
Tgt Ion:184 Resp: 7968

Ion Ratio Lower Upper

184 100

185 16.9 11.6 17.4

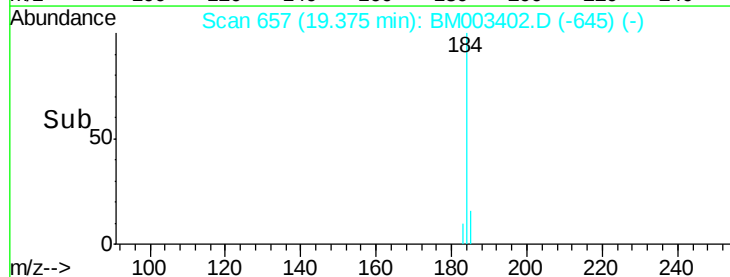
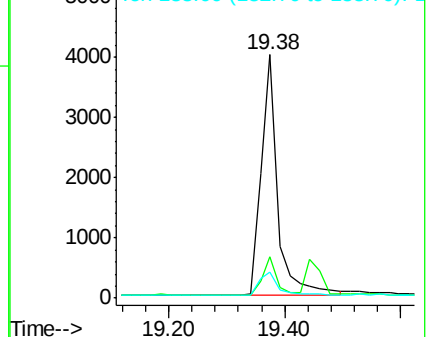
183 10.7 8.6 13.0

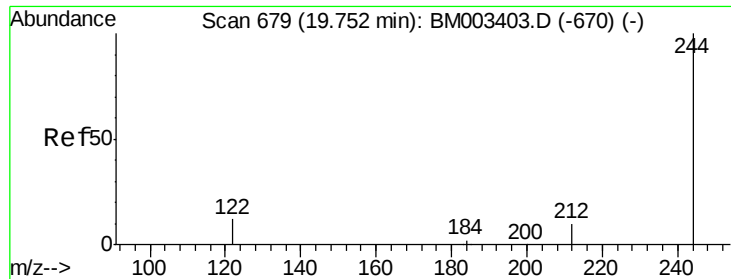


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#33

Terphenyl-d14

Concen: 0.79 ng

RT: 19.75 min Scan# 679

Delta R.T. 0.00 min

Lab File: BM003402.D

Acq: 07 Dec 2015 11:34

Instrument :

BNA_M

ClientSampleId :

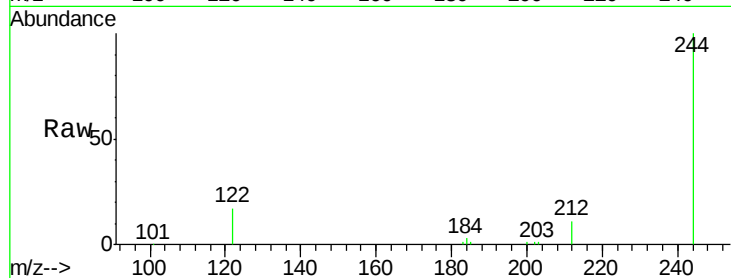
Tot Ion:244 Resp: 21960

Ion Ratio Lower Upper

244 100

212 9.6 7.3 10.9

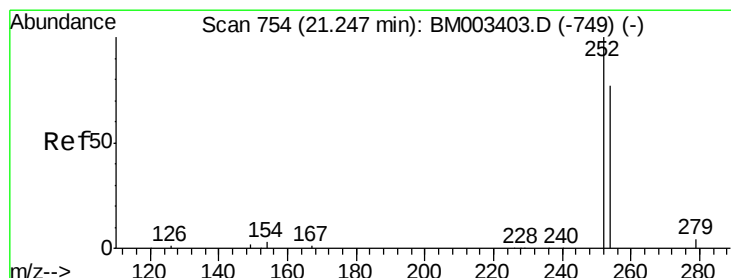
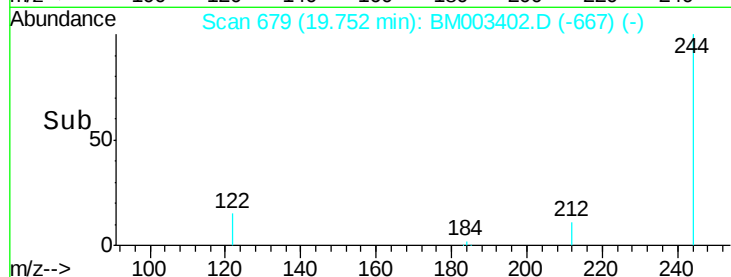
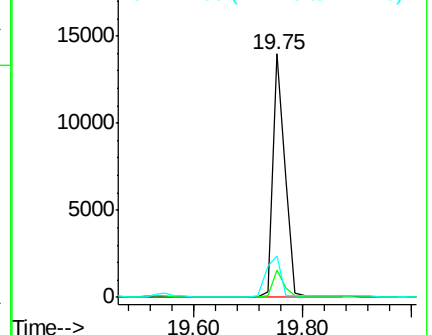
122 19.4 14.8 22.2



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

3,3'-Dichlorobenzidine

Concen: 0.69 ng

RT: 21.24 min Scan# 754

Delta R.T. -0.01 min

Lab File: BM003402.D

Acq: 07 Dec 2015 11:34

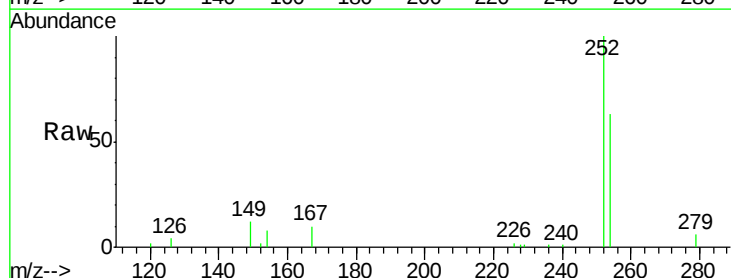
Tgt Ion:252 Resp: 8710

Ion Ratio Lower Upper

252 100

254 62.5 53.7 80.5

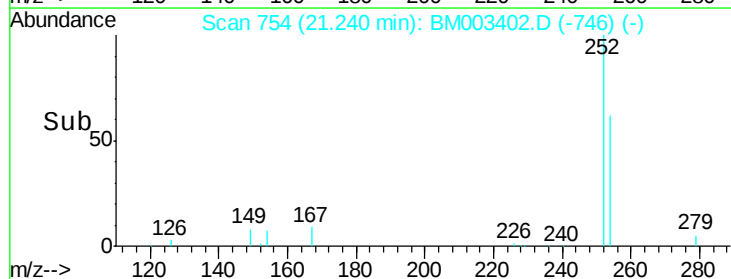
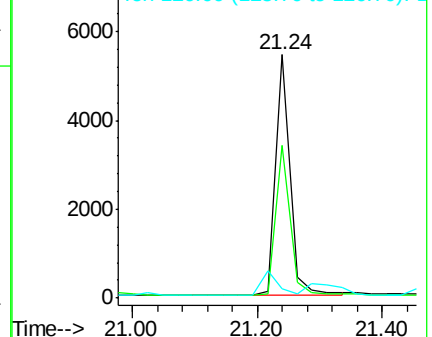
126 3.8 2.8 4.2

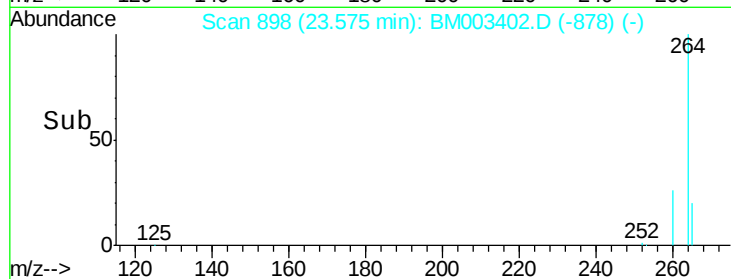
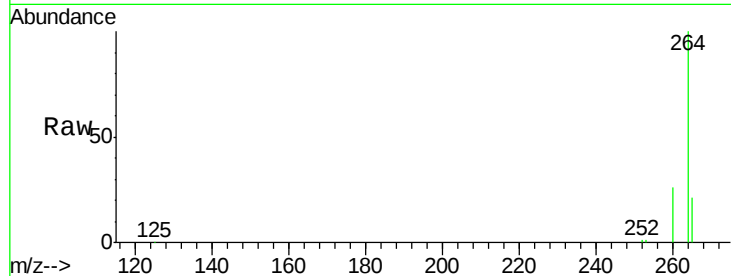
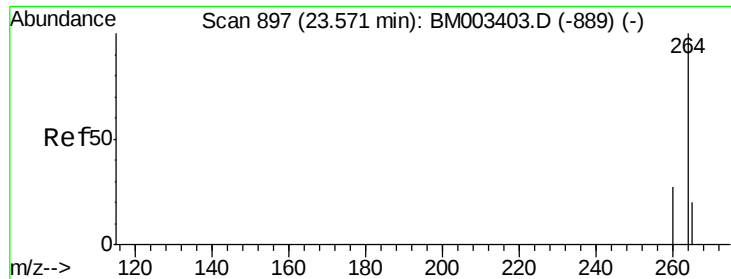


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#35
 Pervlene-d12
 Concen: 5.00 ng
 RT: 23.57 min Scan# 898
 Delta R.T. 0.00 min
 Lab File: BM003402.D
 Acq: 07 Dec 2015 11:34

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	26.2	19.7	29.5
265	20.9	17.4	26.2

