

Data Path : Z:\HPCHEM1\BNA M\DATA\BM120715\
 Data File : BM003401.D
 Acq On : 07 Dec 2015 10:52
 Operator : UM/IZ
 Sample : SSTDICC0.5
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 07 15:18:37 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	66343	5.00	ng	0.00
11) Naphthalene-d8	10.52	136	225775	5.00	ng	0.00
20) Acenaphthene-d10	14.37	164	103496	5.00	ng	0.00
27) Phenanthrene-d10	17.12	188	169940	5.00	ng	0.00
31) Chrysene-d12	21.31	240	210972	5.00	ng	0.00
35) Perylene-d12	23.58	264	152404	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.31	112	5414	0.48	ng	0.00
5) Phenol-d6	6.88	99	7248	0.45	ng	0.00
12) Nitrobenzene-d5	8.88	82	5573	0.47	ng	0.02
21) 2,4,6-Tribromophenol	15.85	330	1145	0.54	ng	0.00
24) 2-Fluorobiphenyl	13.00	172	19061	0.52	ng	0.00
33) Terphenyl-d14	19.75	244	12711	0.45	ng	0.00

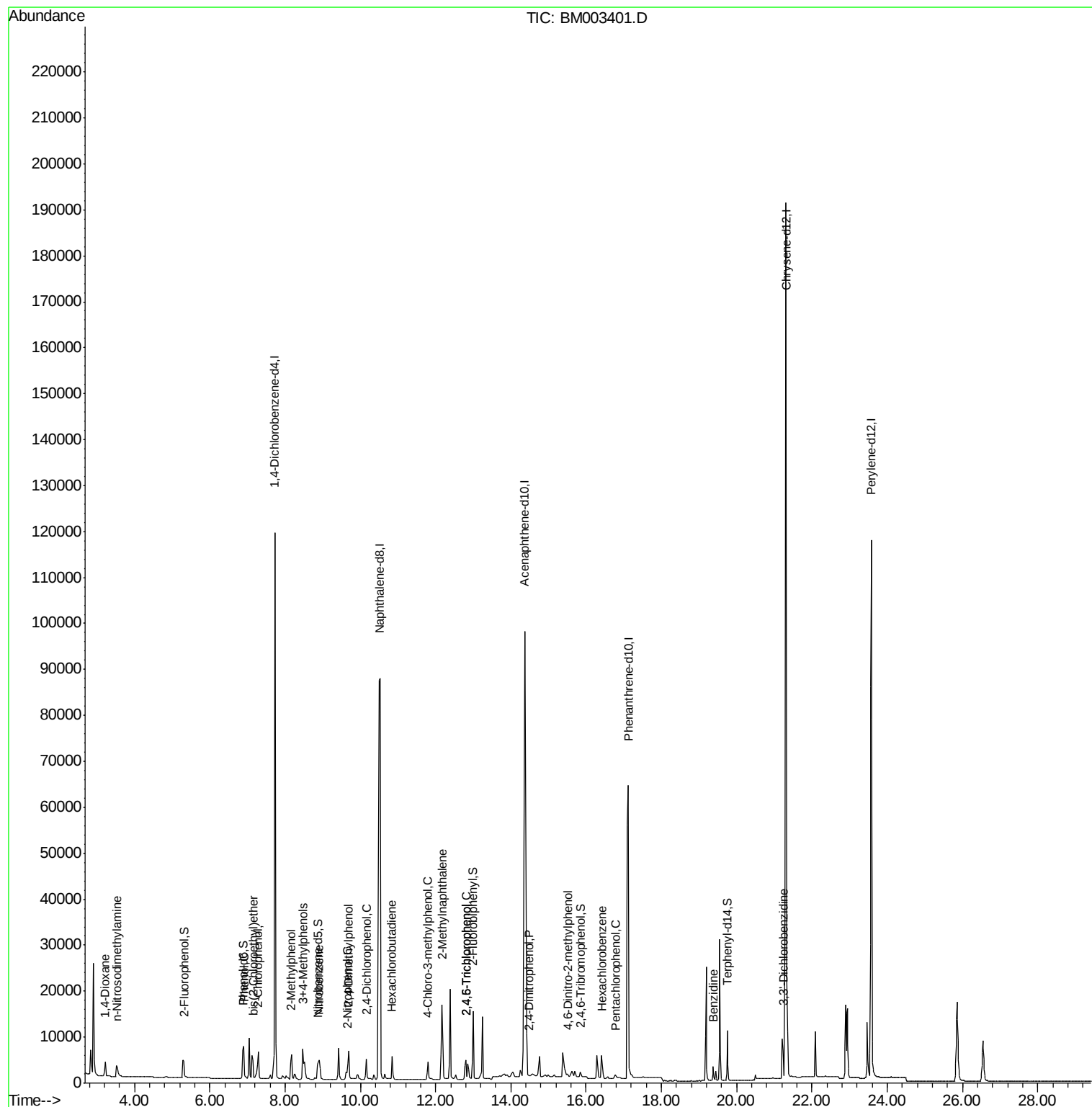
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	2987	0.49	ng	# 54
3) n-Nitrosodimethylamine	3.53	42	2693	0.52	ng	# 1
6) 2-Chlorophenol	7.29	128	6848	0.46	ng	88
7) Phenol	6.91	94	7553	0.45	ng	94
8) bis(2-Chloroethyl)ether	7.15	93	5754	0.48	ng	# 39
9) 2-Methylphenol	8.17	107	4195	0.45	ng	95
10) 3+4-Methylphenols	8.48	107	6015	0.44	ng	# 36
13) Nitrobenzene	8.91	77	5552	0.45	ng	# 44
14) 2-Nitrophenol	9.65	139	2189	0.43	ng	# 84
15) 2,4-Dimethylphenol	9.69	122	5264	0.44	ng	# 68
16) 2,4-Dichlorophenol	10.16	162	5507	0.50	ng	96
17) Hexachlorobutadiene	10.84	225	4103	0.50	ng	97
18) 4-Chloro-3-methylphenol	11.80	107	4004	0.56	ng	# 11
19) 2-Methylnaphthalene	12.18	142	16836	0.48	ng	94
22) 2,4,6-Trichlorophenol	12.80	196	5987	0.86	ng	# 55
23) 2,4,5-Trichlorophenol	12.80	196	6310	0.81	ng	# 85
25) 2,4-Dinitrophenol	14.49	184	187	0.39	ng	# 49
28) 4,6-Dinitro-2-methylphenol	15.50	198	979	0.52	ng	# 56
29) Hexachlorobenzene	16.42	284	3711	0.51	ng	# 11
30) Pentachlorophenol	16.78	266	828	0.59	ng	91
32) Benzidine	19.38	184	5023	0.62	ng	# 95
34) 3,3'-Dichlorobenzidine	21.24	252	5231	0.52	ng	# 98

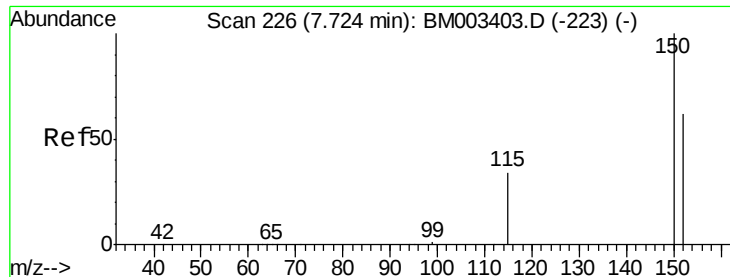
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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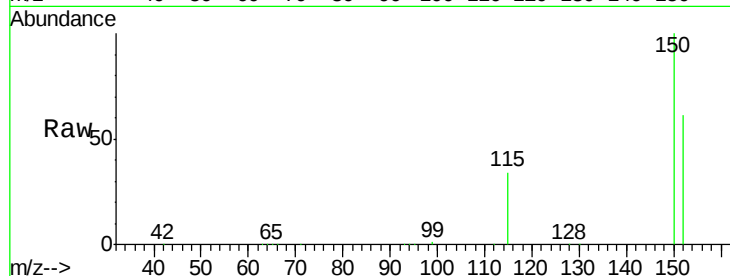


#1

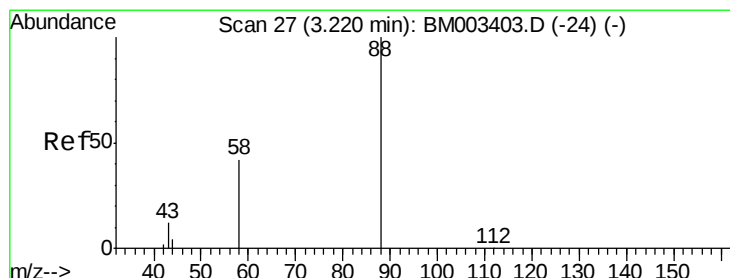
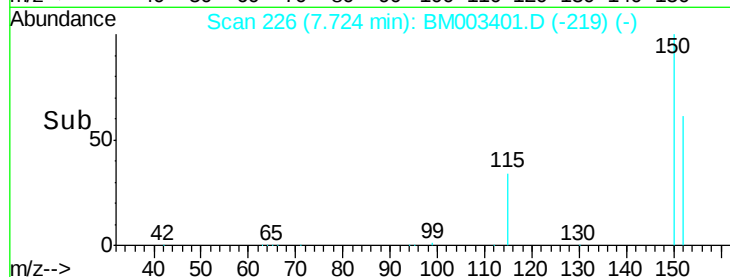
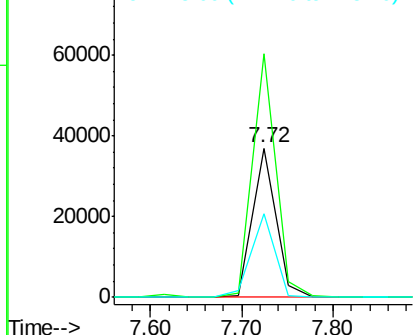
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.72 min Scan# 226
Delta R.T. 0.00 min
Lab File: BM003401.D
Acq: 07 Dec 2015 10:52

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 66343
Ion Ratio Lower Upper
152 100
150 162.8 116.3 174.5
115 55.5 31.9 47.9#



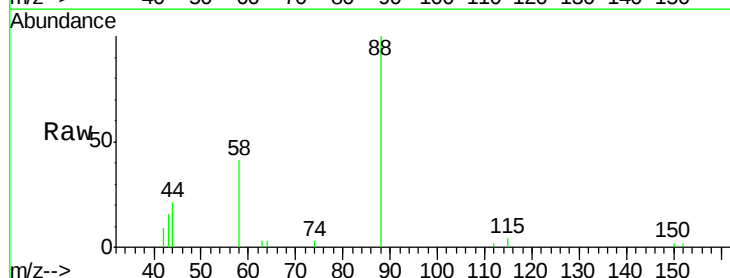
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



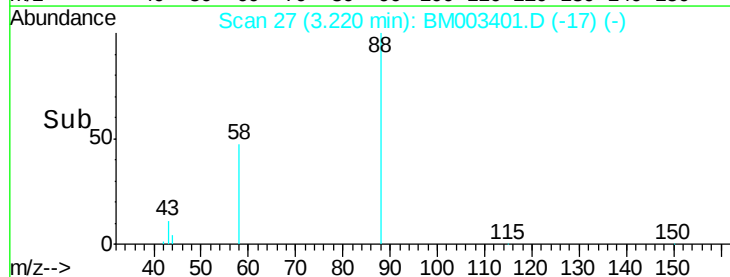
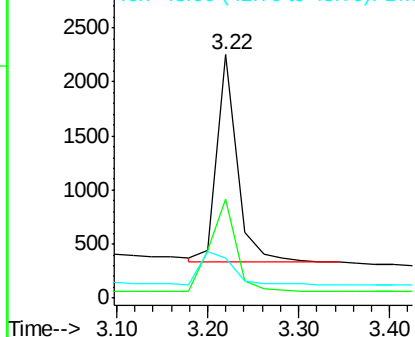
#2

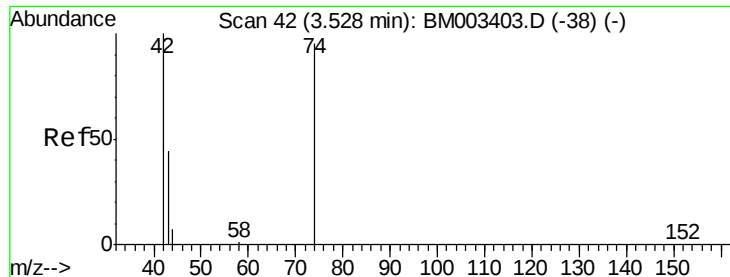
1,4-Dioxane
Concen: 0.49 ng
RT: 3.22 min Scan# 27
Delta R.T. 0.00 min
Lab File: BM003401.D
Acq: 07 Dec 2015 10:52

Tgt Ion: 88 Resp: 2987
Ion Ratio Lower Upper
88 100
58 57.5 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: 0.52 ng

RT: 3.53 min Scan# 42

Delta R.T. 0.00 min

Lab File: BM003401.D

Acq: 07 Dec 2015 10:52

Instrument :

BNA_M

ClientSampleId :

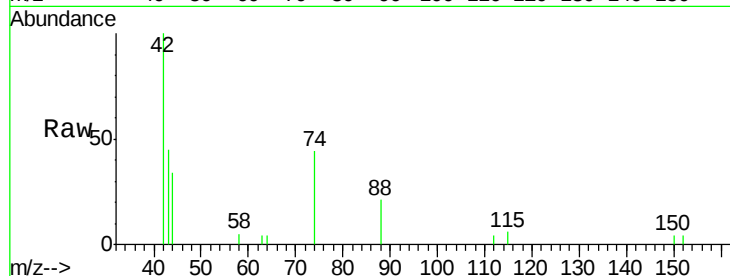
Tot Ion: 42 Resp: 2693

Ion Ratio Lower Upper

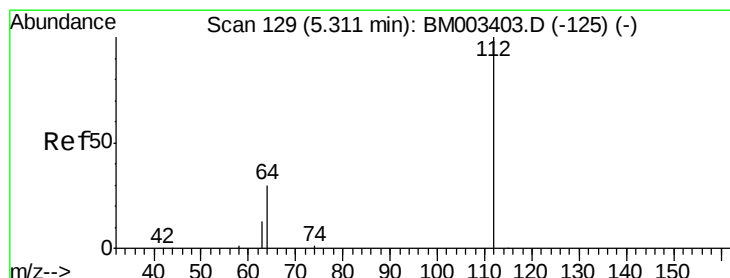
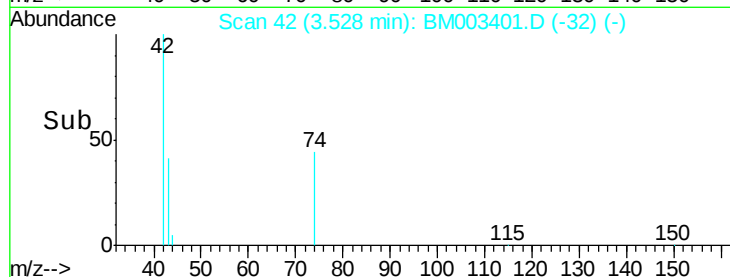
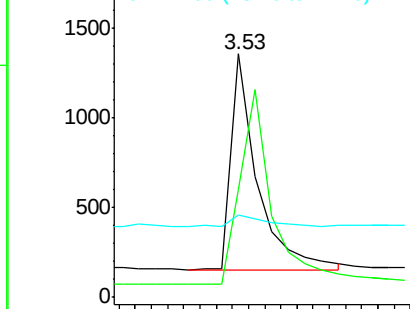
42 100

74 0.0 101.0 151.4#

44 7.5 6.3 9.5



Abundance Ion 42.00 (41.70 to 42.70): BM0
Ion 74.00 (73.70 to 74.70): BM0
Ion 44.00 (43.70 to 44.70): BM0



#4

2-Fluorophenol

Concen: 0.48 ng

RT: 5.31 min Scan# 129

Delta R.T. 0.00 min

Lab File: BM003401.D

Acq: 07 Dec 2015 10:52

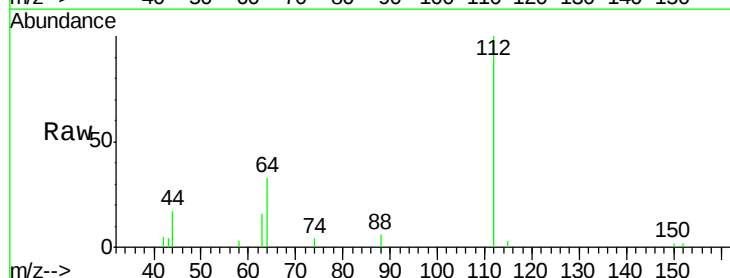
Tgt Ion: 112 Resp: 5414

Ion Ratio Lower Upper

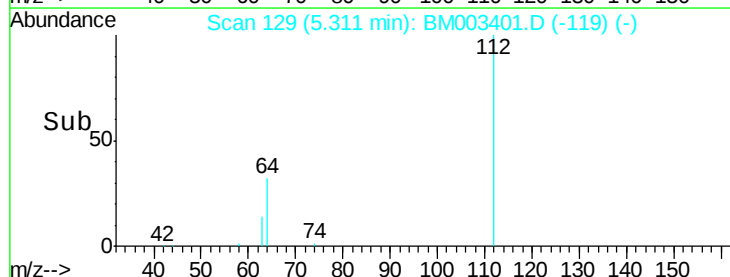
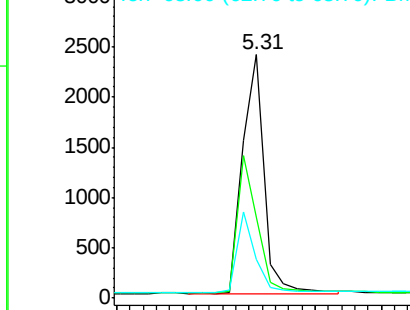
112 100

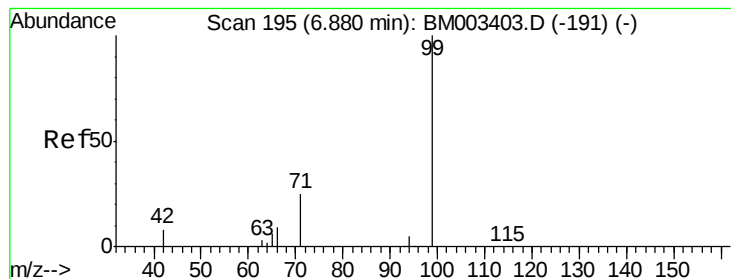
64 33.5 49.3 73.9#

63 16.1 26.2 39.4#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0





#5

Phenol-d6

Concen: 0.45 ng

RT: 6.88 min Scan# 195

Delta R.T. 0.00 min

Lab File: BM003401.D

Acq: 07 Dec 2015 10:52

Instrument :

BNA_M

ClientSampled :

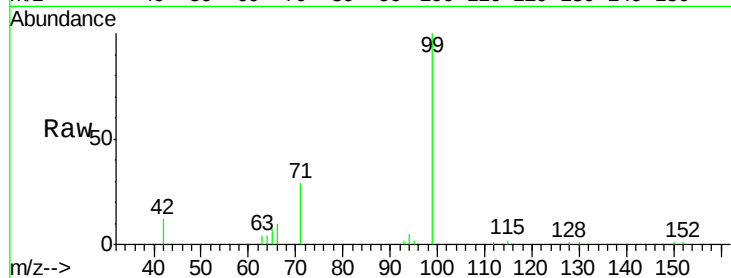
Tot Ion: 99 Resp: 7248

Ion Ratio Lower Upper

99 100

42 11.6 12.1 18.1#

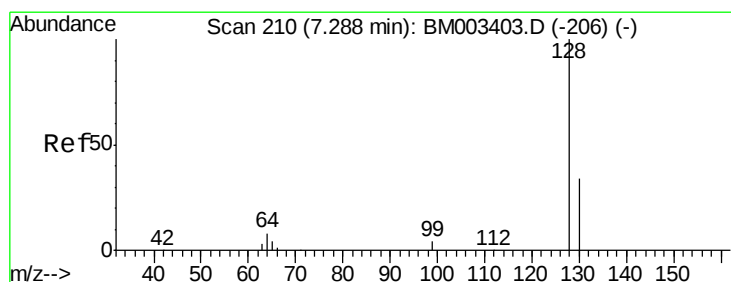
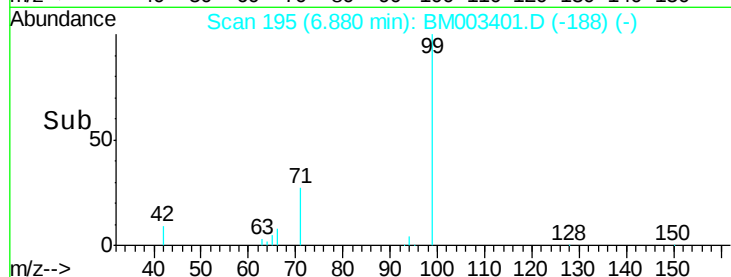
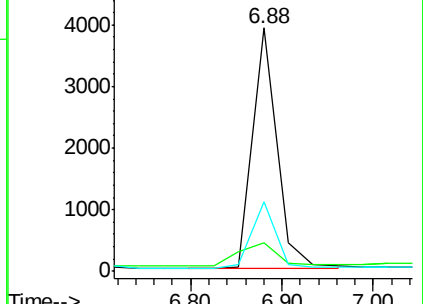
71 28.7 26.4 39.6



Abundance Ion 99.00 (98.70 to 99.70): BM003401.D (-191) (-)

Ion 42.00 (41.70 to 42.70): BM003401.D (-191) (-)

Ion 71.00 (70.70 to 71.70): BM003401.D (-191) (-)



#6

2-Chlorophenol

Concen: 0.46 ng

RT: 7.29 min Scan# 210

Delta R.T. 0.00 min

Lab File: BM003401.D

Acq: 07 Dec 2015 10:52

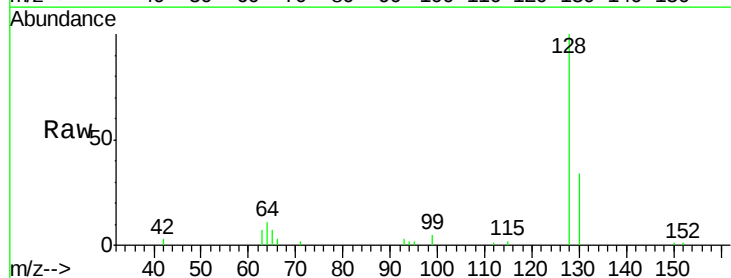
Tgt Ion: 128 Resp: 6848

Ion Ratio Lower Upper

128 100

130 34.2 22.2 62.2

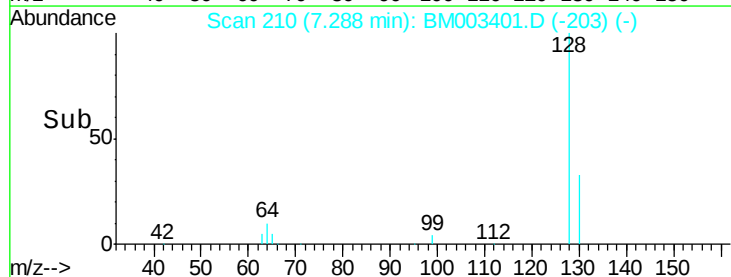
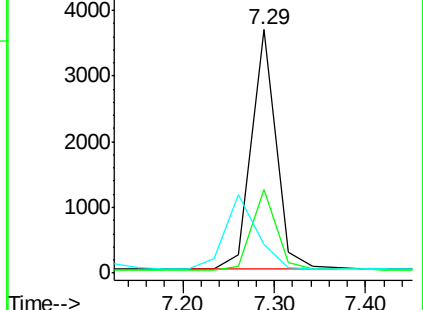
64 11.5 0.0 28.7

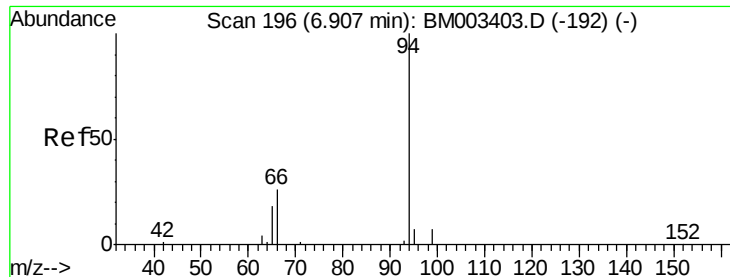


Abundance Ion 128.00 (127.70 to 128.70): BM003401.D (-206) (-)

Ion 130.00 (129.70 to 130.70): BM003401.D (-206) (-)

Ion 64.00 (63.70 to 64.70): BM003401.D (-206) (-)





#7

Phenol

Concen: 0.45 ng

RT: 6.91 min Scan# 196

Delta R.T. 0.00 min

Lab File: BM003401.D

Acq: 07 Dec 2015 10:52

Instrument :

BNA_M

ClientSampled :

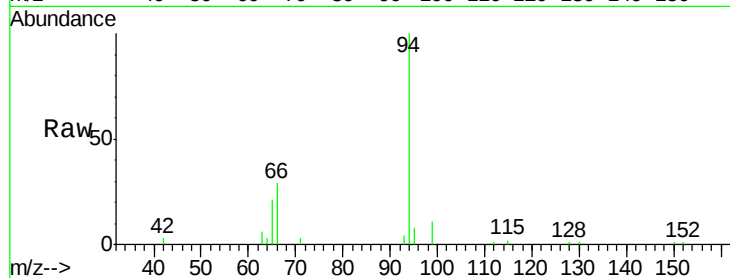
Tot Ion: 94 Resp: 7553

Ion Ratio Lower Upper

94 100

65 21.0 0.0 37.7

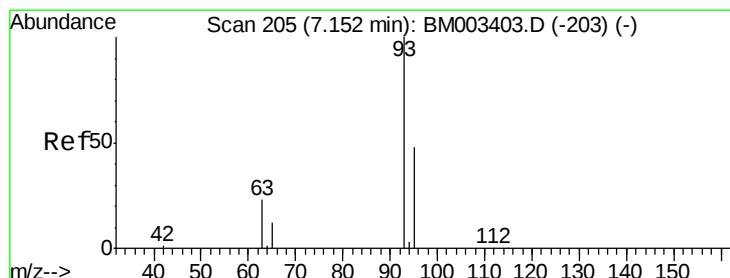
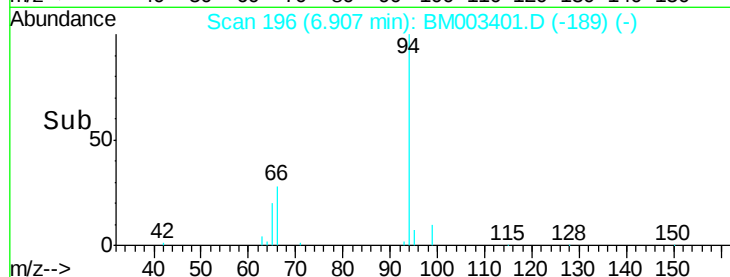
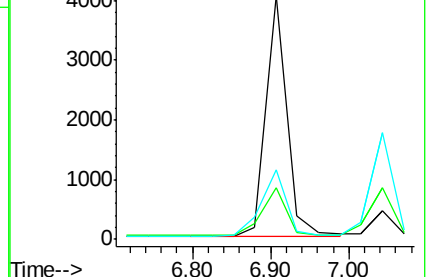
66 28.7 6.3 46.3



Abundance Ion 94.00 (93.70 to 94.70): BM003401.D (-192) (-)

Ion 65.00 (64.70 to 65.70): BM003401.D (-192) (-)

Ion 66.00 (65.70 to 66.70): BM003401.D (-192) (-)



#8

bis(2-Chloroethyl)ether

Concen: 0.48 ng

RT: 7.15 min Scan# 205

Delta R.T. 0.00 min

Lab File: BM003401.D

Acq: 07 Dec 2015 10:52

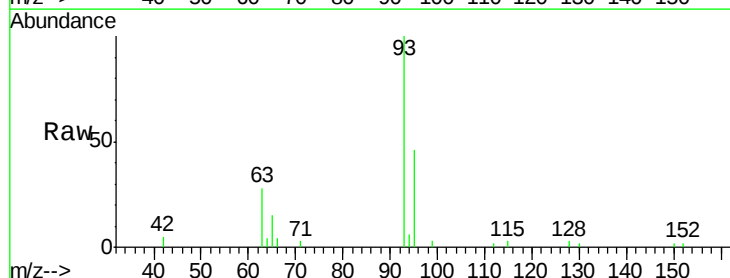
Tgt Ion: 93 Resp: 5754

Ion Ratio Lower Upper

93 100

63 0.0 58.2 87.4#

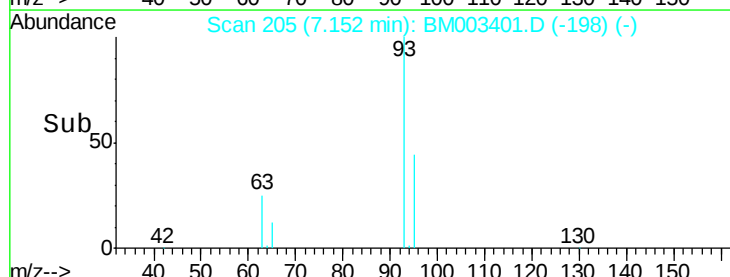
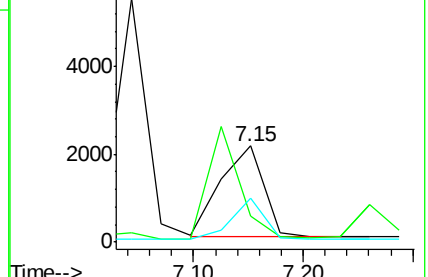
95 35.5 26.2 39.4

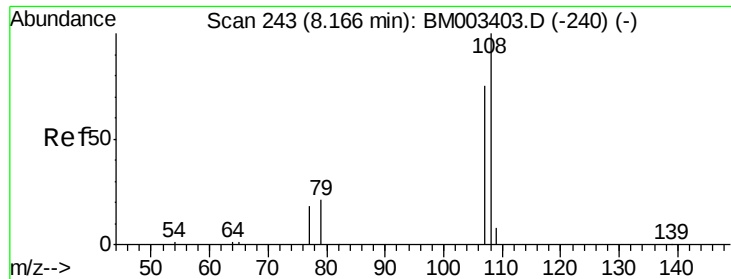


Abundance Ion 93.00 (92.70 to 93.70): BM003401.D (-203) (-)

Ion 63.00 (62.70 to 63.70): BM003401.D (-203) (-)

Ion 95.00 (94.70 to 95.70): BM003401.D (-203) (-)





#9

2-Methylphenol

Concen: 0.45 ng

RT: 8.17 min Scan# 243

Delta R.T. 0.00 min

Lab File: BM003401.D

Acq: 07 Dec 2015 10:52

Instrument :

BNA_M

ClientSampleId :

Tot Ion:107 Resp: 4195

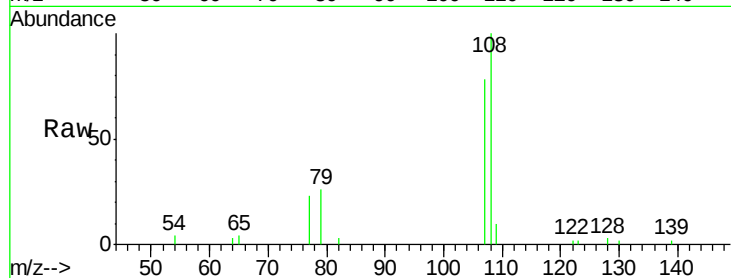
Ion Ratio Lower Upper

107 100

108 128.9 100.9 151.3

77 30.2 20.3 30.5

79 33.4 22.8 34.2

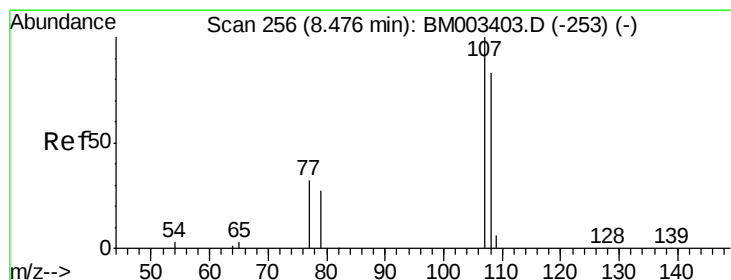
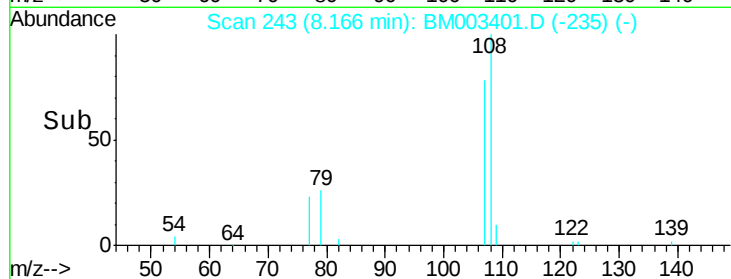
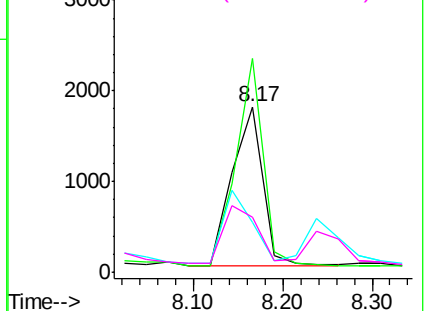


Abundance Ion 107.00 (106.70 to 107.70): E

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: 0.44 ng

RT: 8.48 min Scan# 256

Delta R.T. 0.00 min

Lab File: BM003401.D

Acq: 07 Dec 2015 10:52

Tgt Ion:107 Resp: 6015

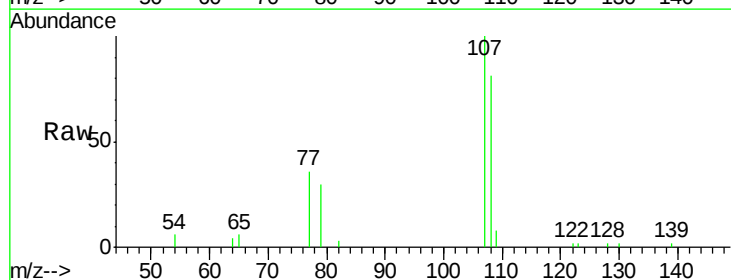
Ion Ratio Lower Upper

107 100

108 81.3 86.3 126.3#

77 36.4 151.7 191.7#

79 29.7 7.4 47.4

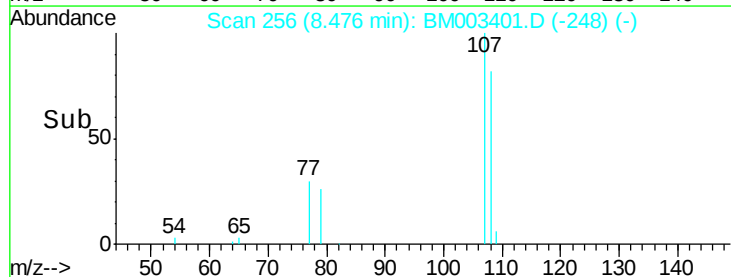
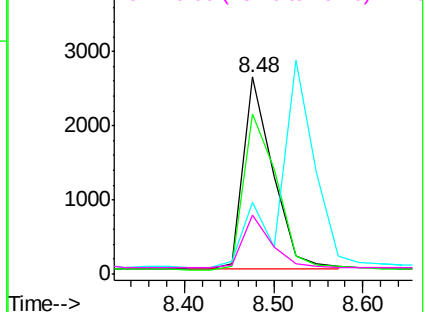


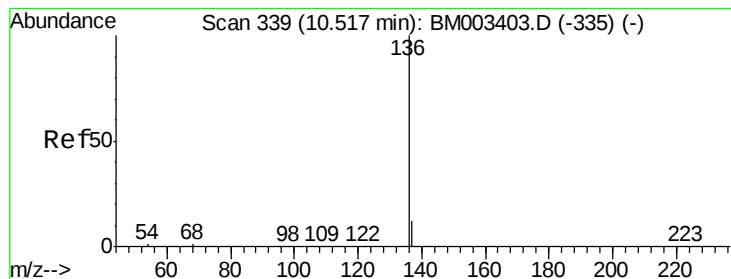
Abundance Ion 107.00 (106.70 to 107.70): E

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: BM003401.D

Acq: 07 Dec 2015 10:52

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 225775

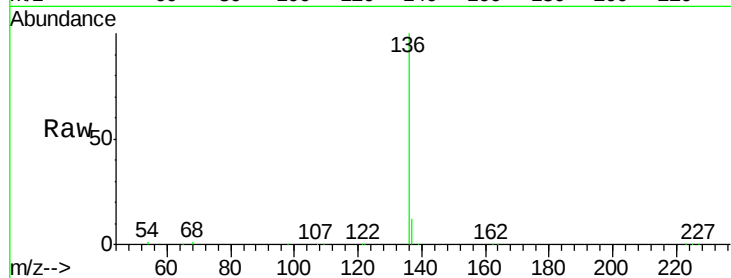
Ion Ratio Lower Upper

136 100

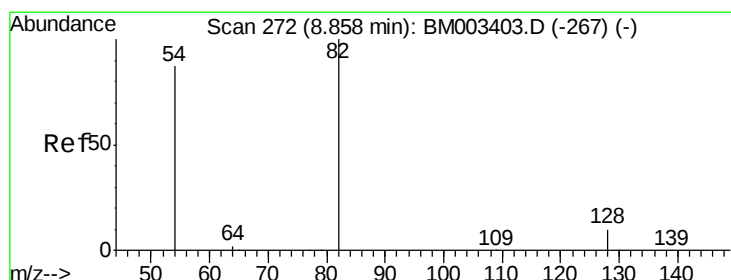
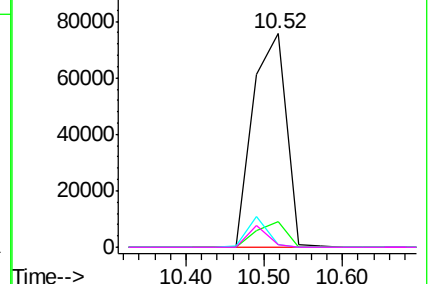
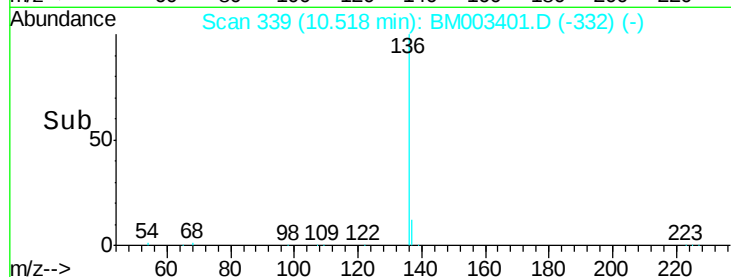
137 12.2 9.1 13.7

54 1.0 2.6 3.8#

68 1.4 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: 0.47 ng

RT: 8.88 min Scan# 273

Delta R.T. 0.02 min

Lab File: BM003401.D

Acq: 07 Dec 2015 10:52

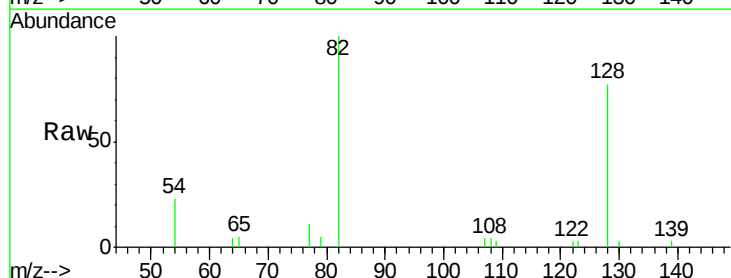
Tgt Ion: 82 Resp: 5573

Ion Ratio Lower Upper

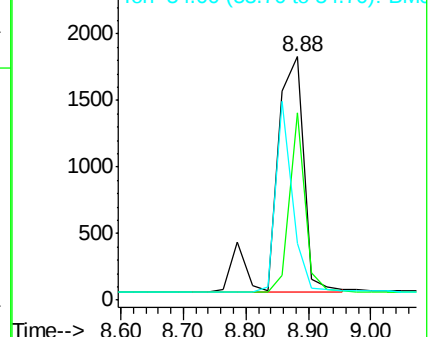
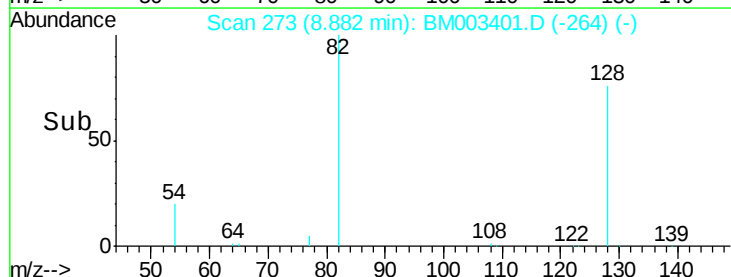
82 100

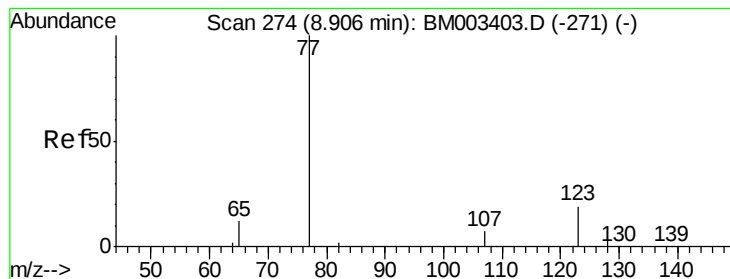
128 42.5 0.0 0.0#

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: 0.45 ng

RT: 8.91 min Scan# 274

Delta R.T. 0.00 min

Lab File: BM003401.D

Acq: 07 Dec 2015 10:52

Instrument :

BNA_M

ClientSampleId :

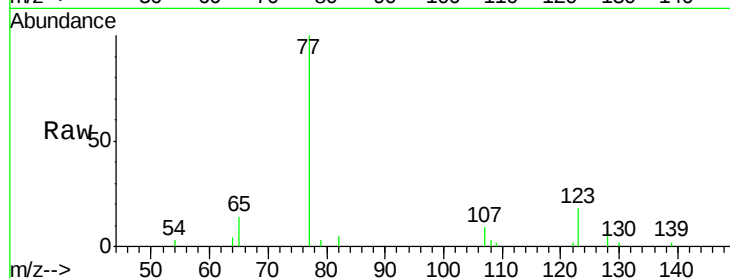
Tot Ion: 77 Resp: 5552

Ion Ratio Lower Upper

77 100

123 0.0 37.7 56.5#

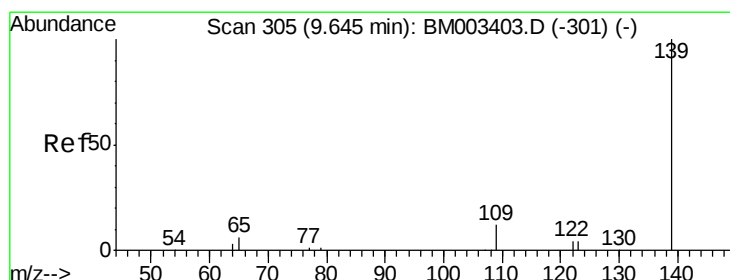
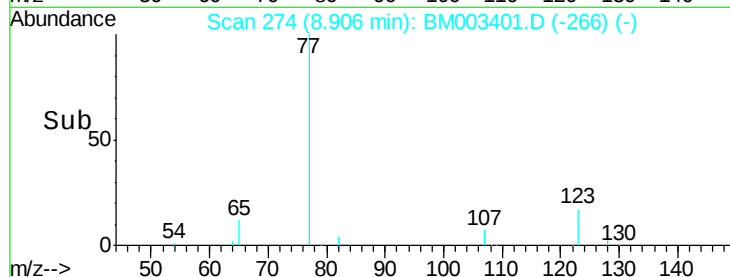
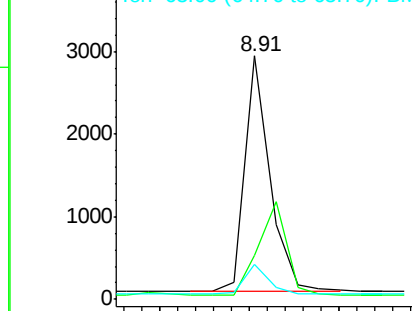
65 12.5 9.8 14.6



Abundance Ion 77.00 (76.70 to 77.70): BM003401.D (-266) (-)

Ion 123.00 (122.70 to 123.70): BM003401.D (-266) (-)

Ion 65.00 (64.70 to 65.70): BM003401.D (-266) (-)



#14

2-Nitrophenol

Concen: 0.43 ng

RT: 9.65 min Scan# 305

Delta R.T. 0.00 min

Lab File: BM003401.D

Acq: 07 Dec 2015 10:52

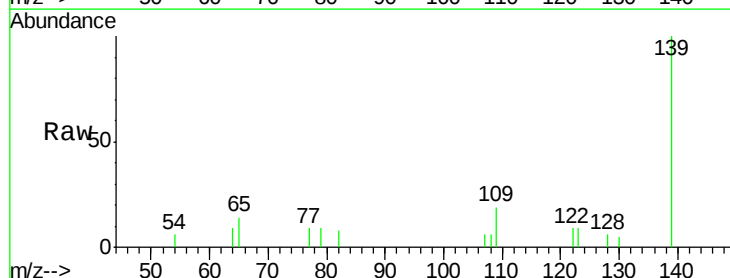
Tgt Ion: 139 Resp: 2189

Ion Ratio Lower Upper

139 100

109 18.6 19.5 29.3#

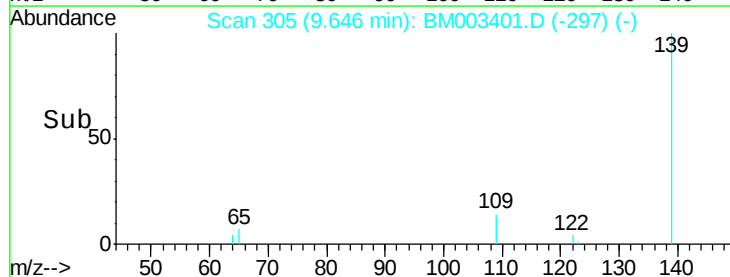
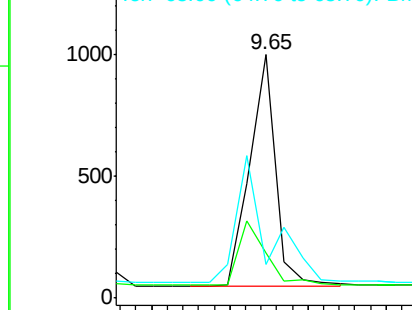
65 13.6 18.6 28.0#

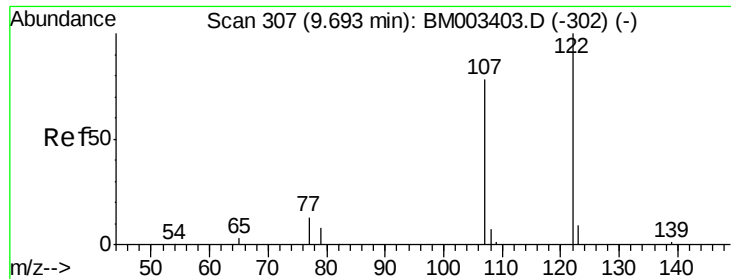


Abundance Ion 139.00 (138.70 to 139.70): BM003401.D (-297) (-)

Ion 109.00 (108.70 to 109.70): BM003401.D (-297) (-)

Ion 65.00 (64.70 to 65.70): BM003401.D (-297) (-)

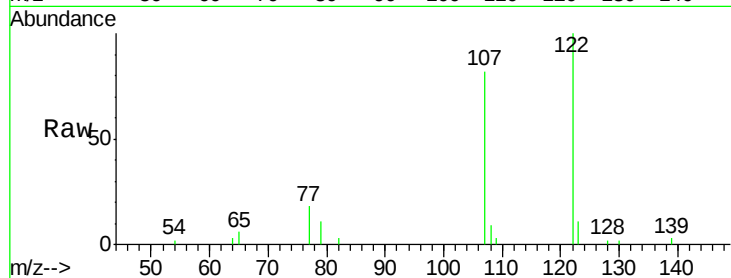




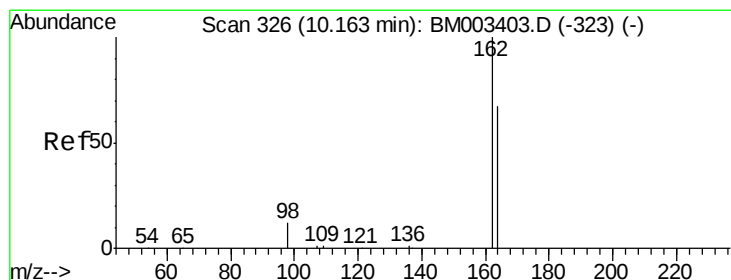
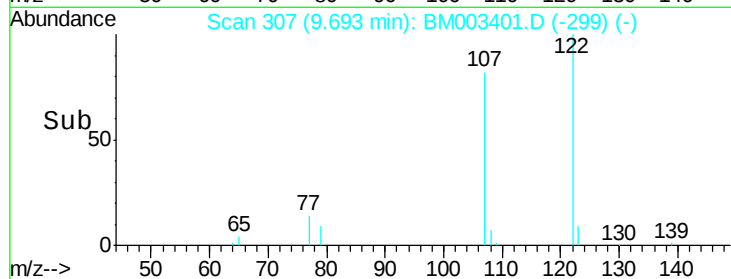
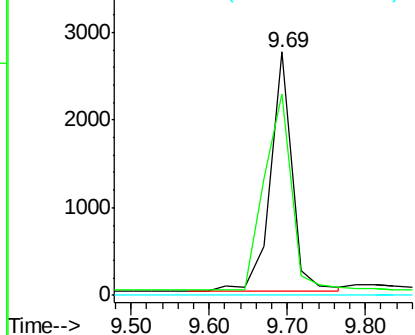
#15
2,4-Dimethylphenol
Concen: 0.44 ng
RT: 9.69 min Scan# 307
Delta R.T. 0.00 min
Lab File: BM003401.D
Acq: 07 Dec 2015 10:52

Instrument :
BNA_M
ClientSampleId :

Tot Ion:122 Resp: 5264
Ion Ratio Lower Upper
122 100
107 82.5 68.6 102.8
121 0.0 44.8 67.2#

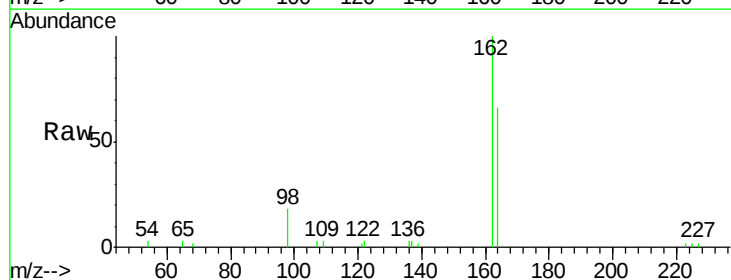


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

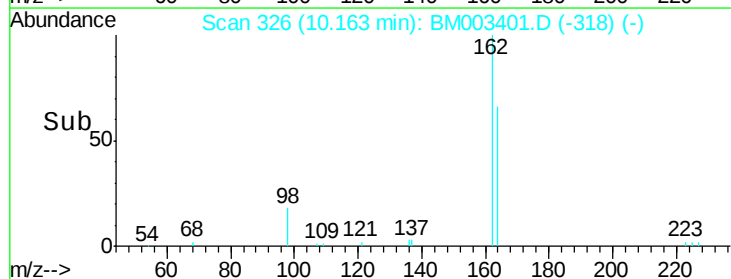
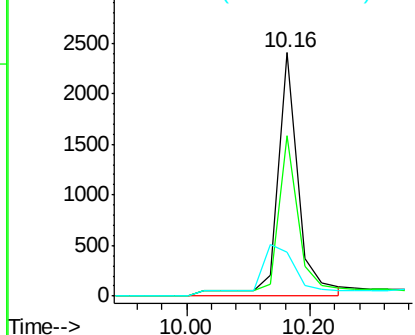


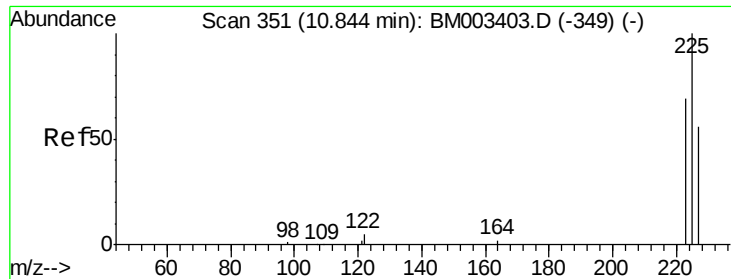
#16
2,4-Dichlorophenol
Concen: 0.50 ng
RT: 10.16 min Scan# 326
Delta R.T. 0.00 min
Lab File: BM003401.D
Acq: 07 Dec 2015 10:52

Tgt Ion:162 Resp: 5507
Ion Ratio Lower Upper
162 100
164 65.8 49.2 89.2
98 18.3 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

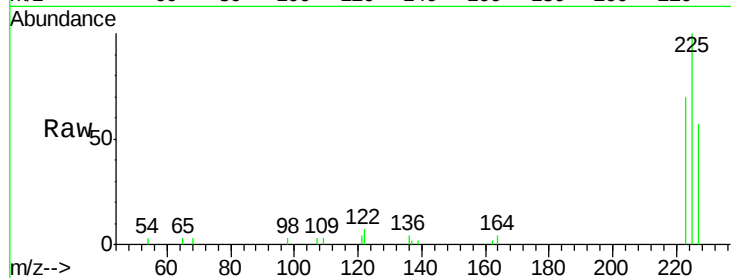




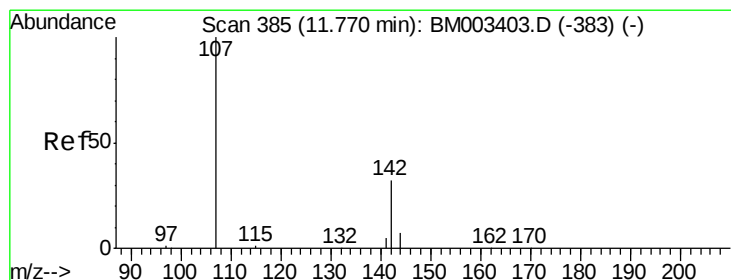
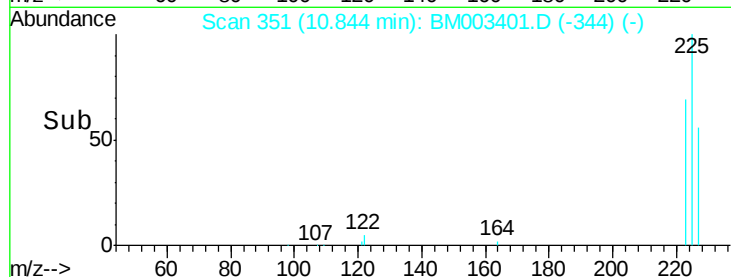
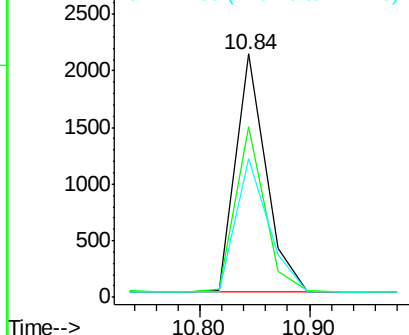
#17
Hexachlorobutadiene
Concen: 0.50 ng
RT: 10.84 min Scan# 351
Delta R.T. 0.00 min
Lab File: BM003401.D
Acq: 07 Dec 2015 10:52

Instrument :
BNA_M
ClientSampleId :

Tot Ion:225 Resp: 4103
Ion Ratio Lower Upper
225 100
223 65.4 53.0 79.4
227 60.6 52.2 78.4

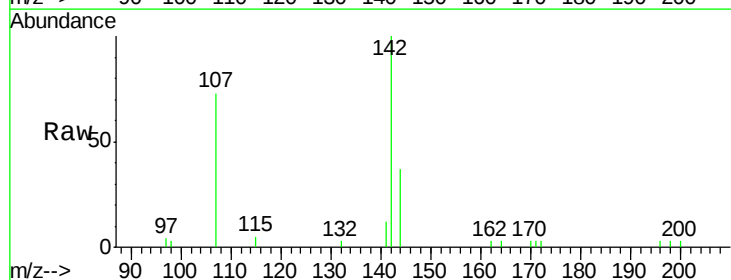


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

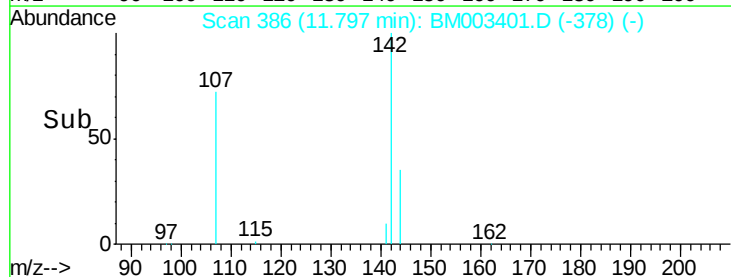
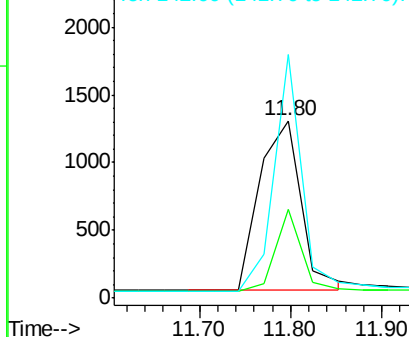


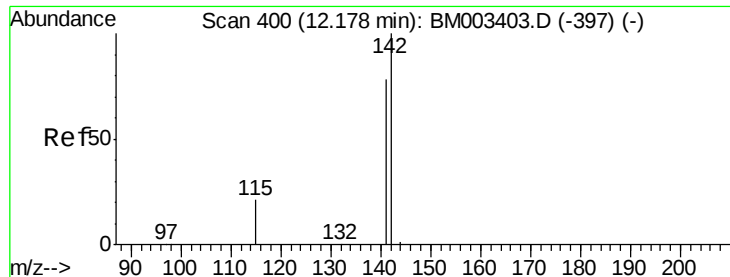
#18
4-Chloro-3-methylphenol
Concen: 0.56 ng
RT: 11.80 min Scan# 386
Delta R.T. 0.03 min
Lab File: BM003401.D
Acq: 07 Dec 2015 10:52

Tgt Ion:107 Resp: 4004
Ion Ratio Lower Upper
107 100
144 50.2 16.2 24.2#
142 137.3 49.8 74.6#



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

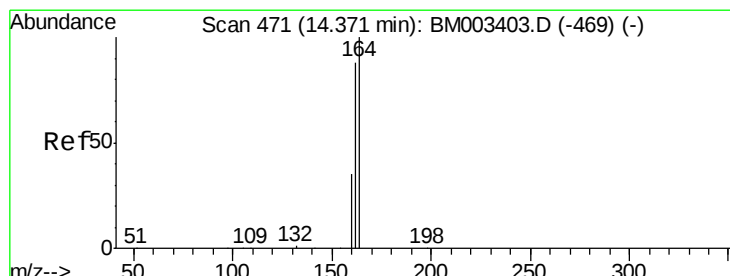
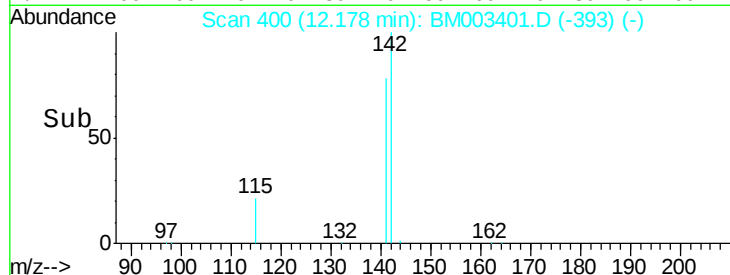
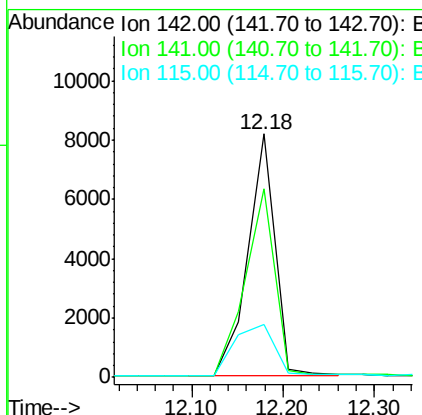
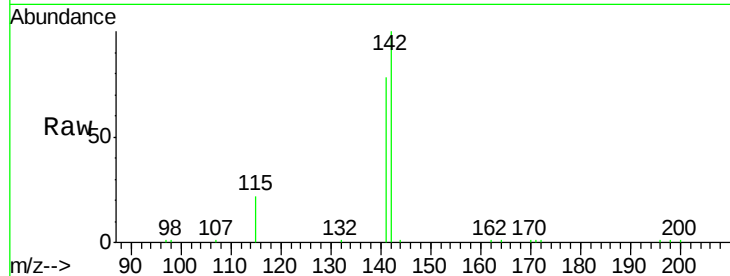




#19
2-Methylnaphthalene
Concen: 0.48 ng
RT: 12.18 min Scan# 400
Delta R.T. 0.00 min
Lab File: BM003401.D
Acq: 07 Dec 2015 10:52

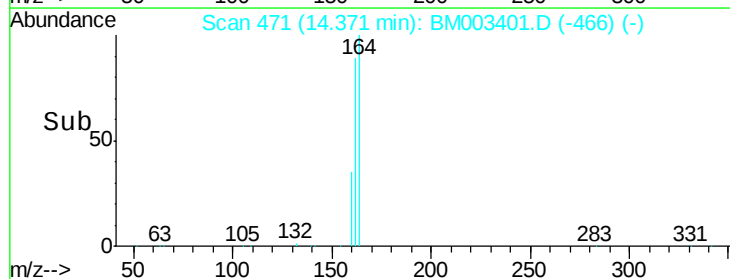
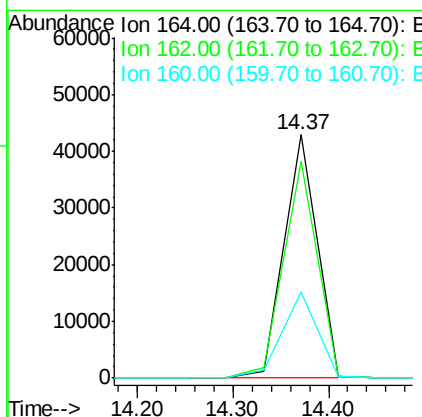
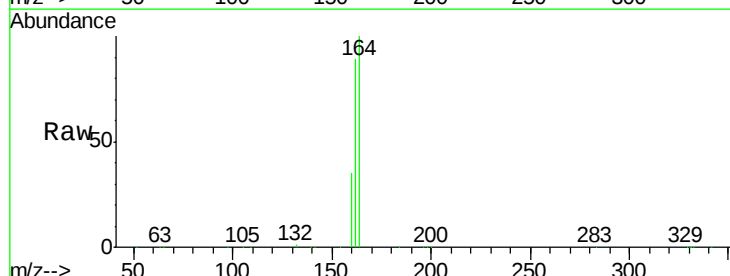
Instrument :
BNA_M
ClientSampled :

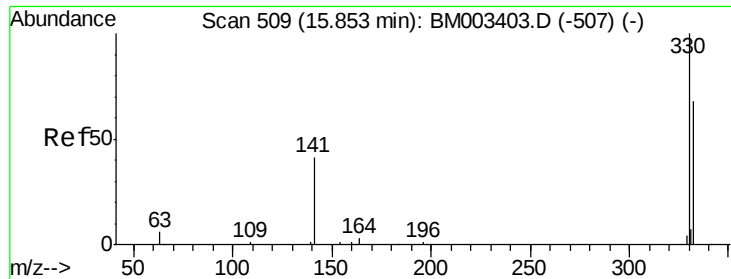
Tot Ion:142 Resp: 16836
Ion Ratio Lower Upper
142 100
141 84.9 71.4 107.0
115 31.1 29.3 43.9



#20
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.37 min Scan# 471
Delta R.T. 0.00 min
Lab File: BM003401.D
Acq: 07 Dec 2015 10:52

Tgt Ion:164 Resp: 103496
Ion Ratio Lower Upper
164 100
162 89.0 79.2 118.8
160 35.3 33.7 50.5

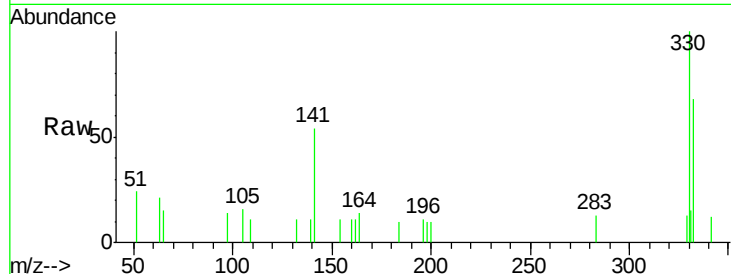




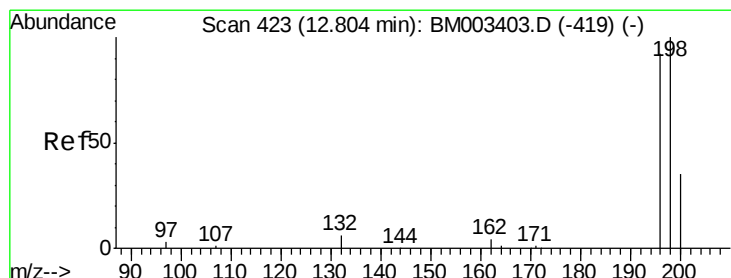
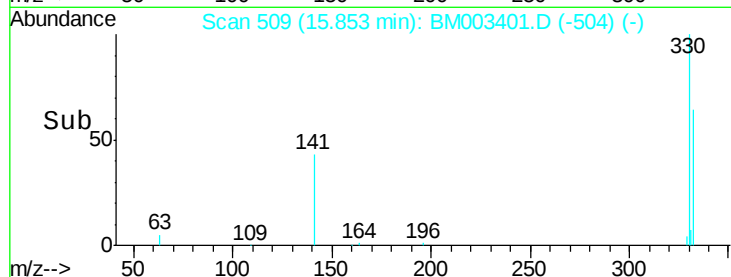
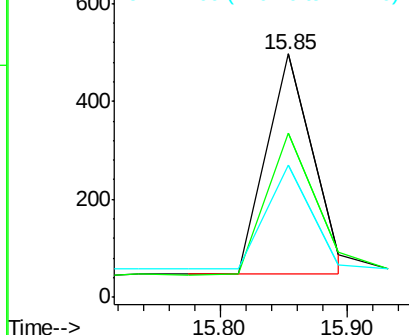
#21
2,4,6-Tribromophenol
Concen: 0.54 ng
RT: 15.85 min Scan# 509
Delta R.T. 0.00 min
Lab File: BM003401.D
Acq: 07 Dec 2015 10:52

Instrument :
BNA_M
ClientSampleId :

Tot Ion:330 Resp: 1145
Ion Ratio Lower Upper
330 100
332 68.9 74.0 111.0#
141 45.6 24.1 36.1#

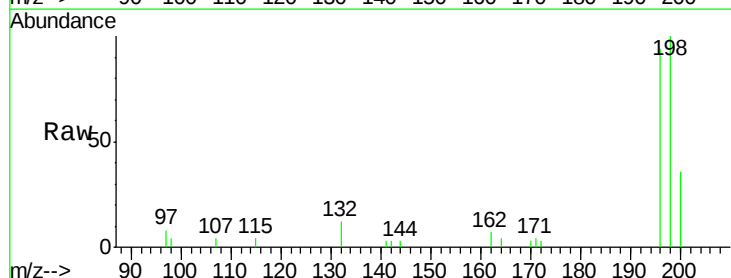


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

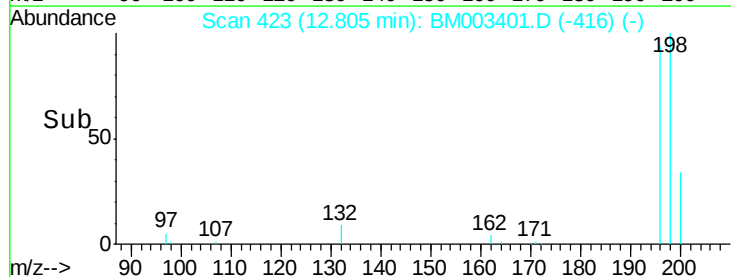
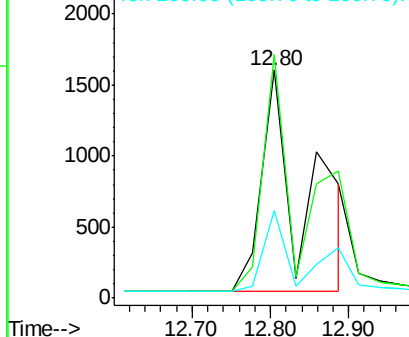


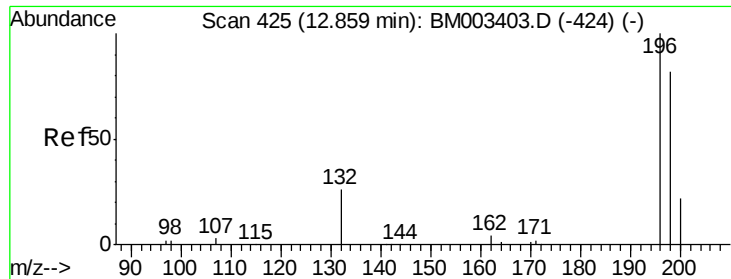
#22
2,4,6-Trichlorophenol
Concen: 0.86 ng
RT: 12.80 min Scan# 423
Delta R.T. 0.00 min
Lab File: BM003401.D
Acq: 07 Dec 2015 10:52

Tgt Ion:196 Resp: 5987
Ion Ratio Lower Upper
196 100
198 106.7 54.2 81.2#
200 38.5 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

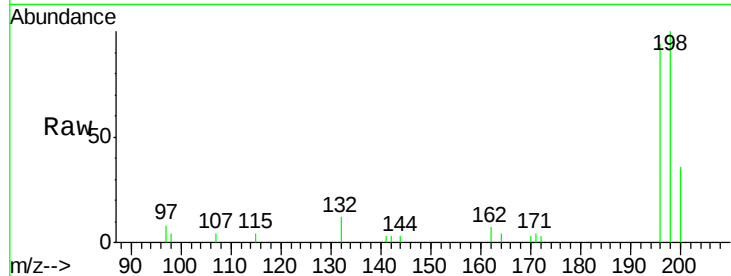




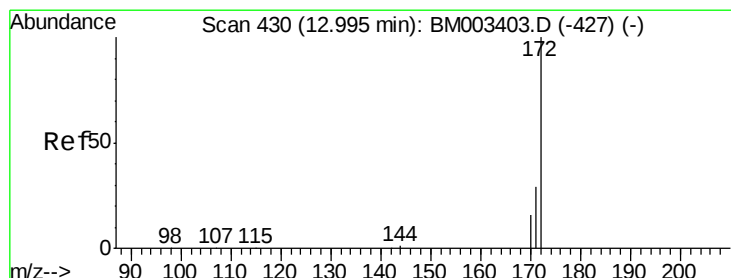
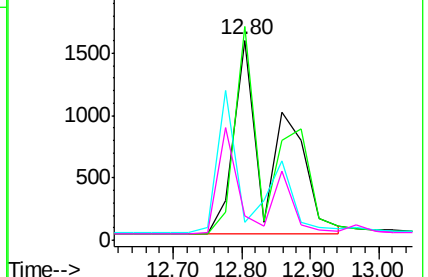
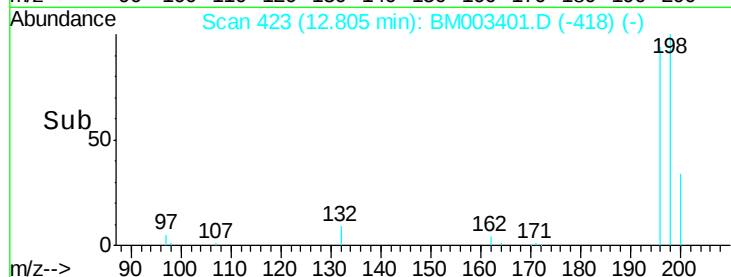
#23
2,4,5-Trichlorophenol
Concen: 0.81 ng
RT: 12.80 min Scan# 423
Delta R.T. -0.05 min
Lab File: BM003401.D
Acq: 07 Dec 2015 10:52

Instrument :
BNA_M
ClientSampleId :

Tot Ion:196 Resp: 6310
Ion Ratio Lower Upper
196 100
198 106.7 73.6 110.4
97 9.0 0.0 0.0#
132 12.4 0.0 0.0#

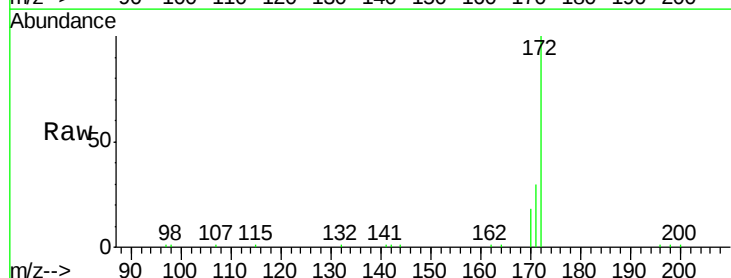


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BMO
Ion 132.00 (131.70 to 132.70): E

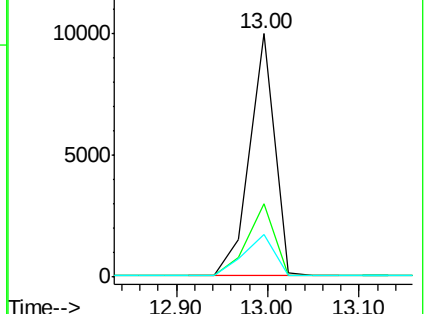
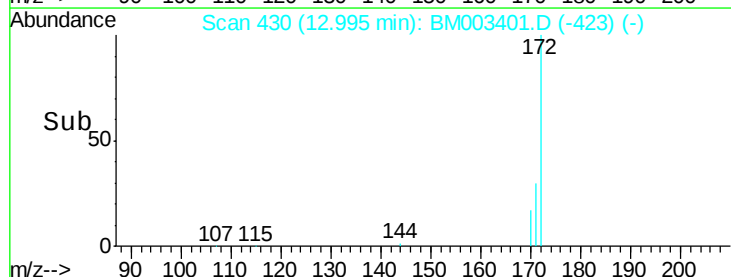


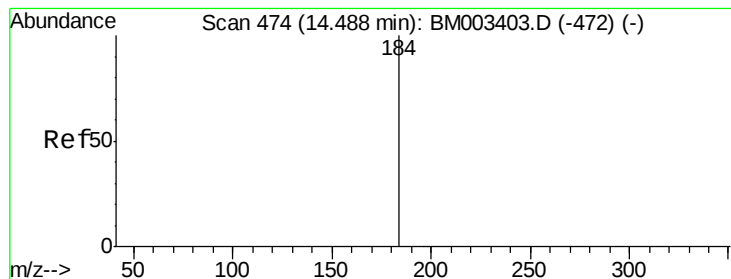
#24
2-Fluorobiphenyl
Concen: 0.52 ng
RT: 13.00 min Scan# 430
Delta R.T. 0.00 min
Lab File: BM003401.D
Acq: 07 Dec 2015 10:52

Tgt Ion:172 Resp: 19061
Ion Ratio Lower Upper
172 100
171 32.3 28.0 42.0
170 21.1 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: 0.39 ng

RT: 14.49 min Scan# 474

Delta R.T. 0.00 min

Lab File: BM003401.D

Acq: 07 Dec 2015 10:52

Instrument :

BNA_M

ClientSampleId :

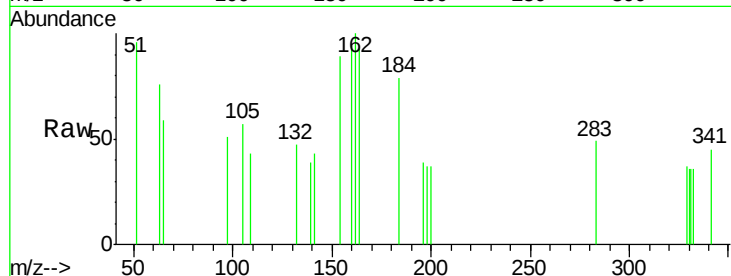
Tot Ion:184 Resp: 187

Ion Ratio Lower Upper

184 100

63 96.1 52.0 78.0#

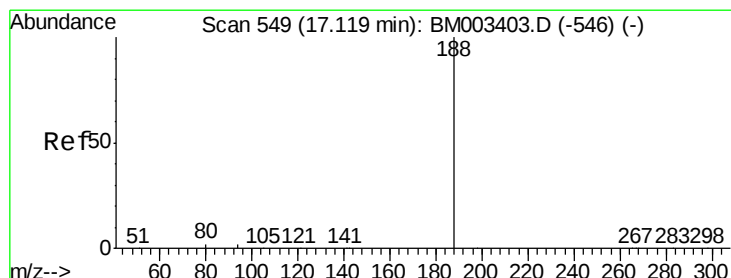
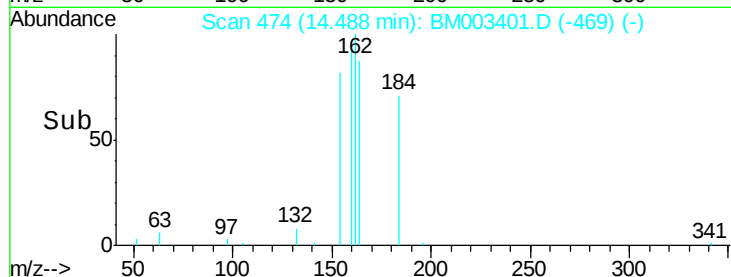
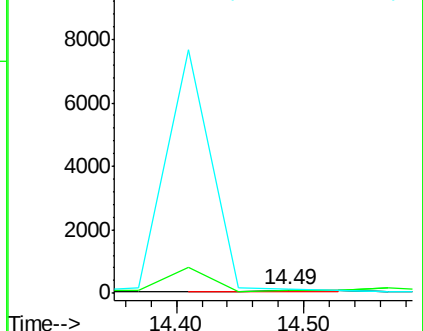
154 112.7 51.4 77.2#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E



#27

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.12 min Scan# 549

Delta R.T. 0.00 min

Lab File: BM003401.D

Acq: 07 Dec 2015 10:52

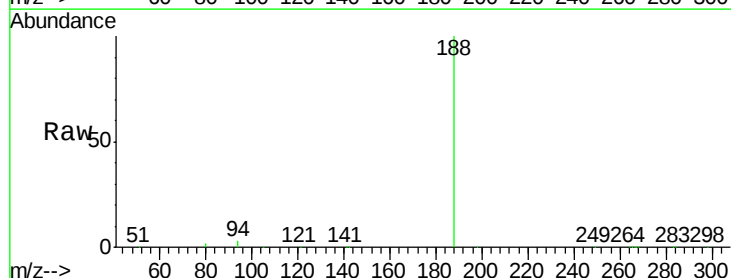
Tgt Ion:188 Resp: 169940

Ion Ratio Lower Upper

188 100

94 2.5 2.9 4.3#

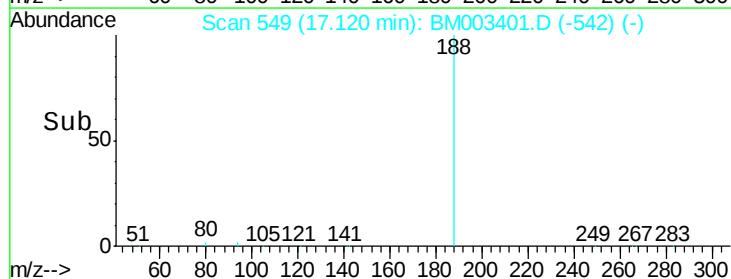
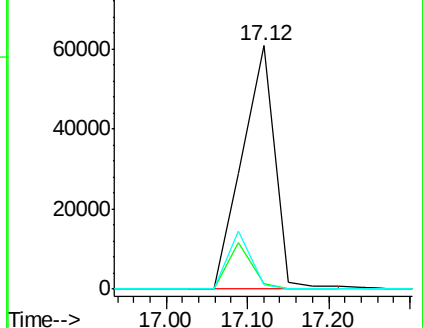
80 2.0 2.5 3.7#

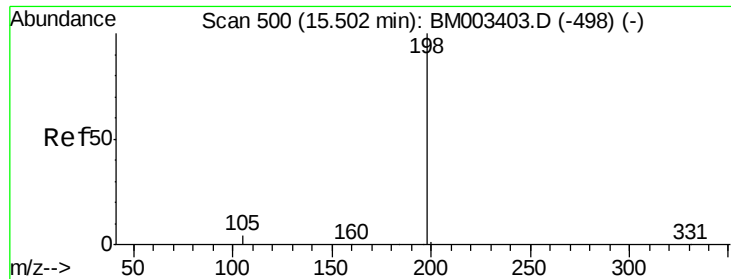


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

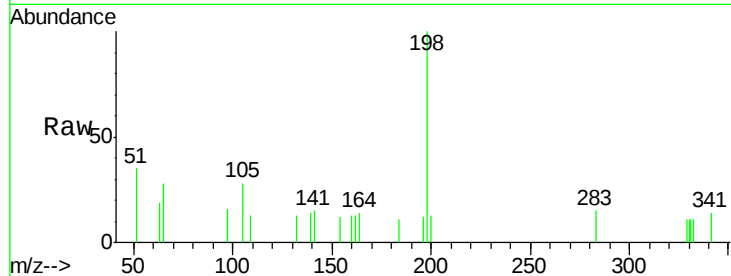




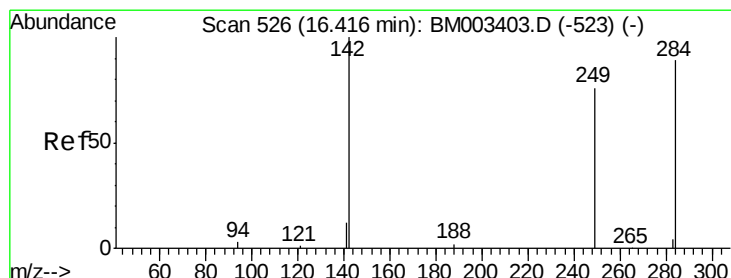
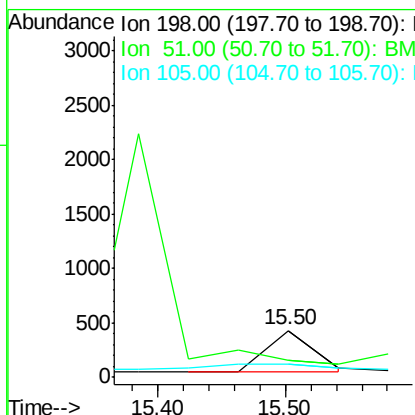
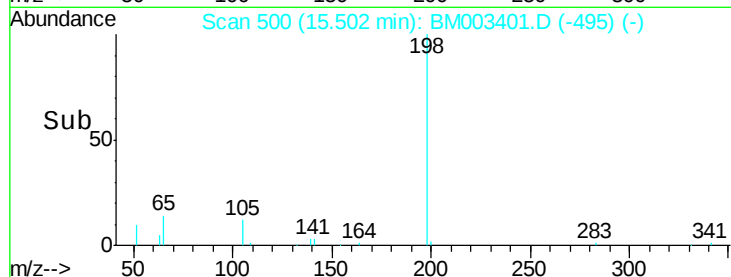
#28
4,6-Dinitro-2-methylphenol
Concen: 0.52 ng
RT: 15.50 min Scan# 500
Delta R.T. 0.00 min
Lab File: BM003401.D
Acq: 07 Dec 2015 10:52

Instrument :
BNA_M
ClientSampled :

Tot Ion:198 Resp: 979
Ion Ratio Lower Upper
198 100
51 35.0 60.8 100.8#
105 27.8 30.0 70.0#

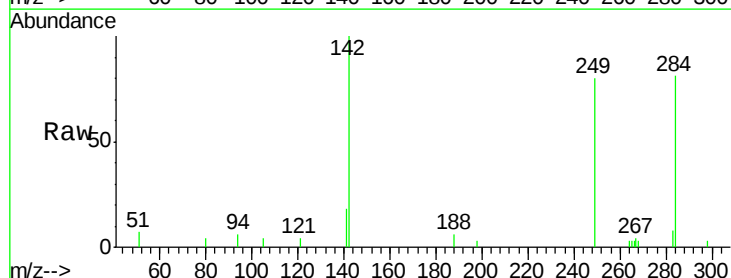


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BM0
Ion 105.00 (104.70 to 105.70): E

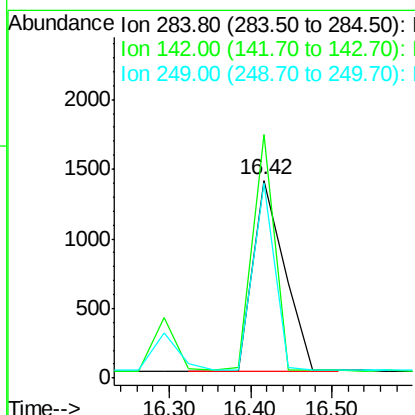
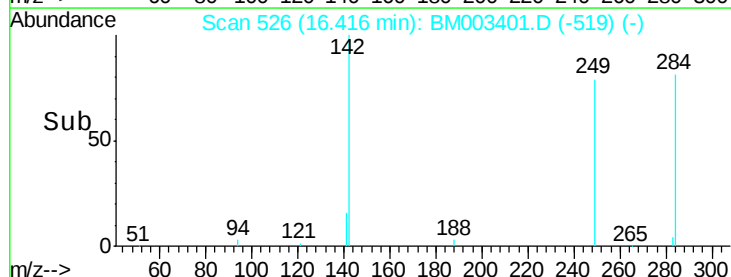


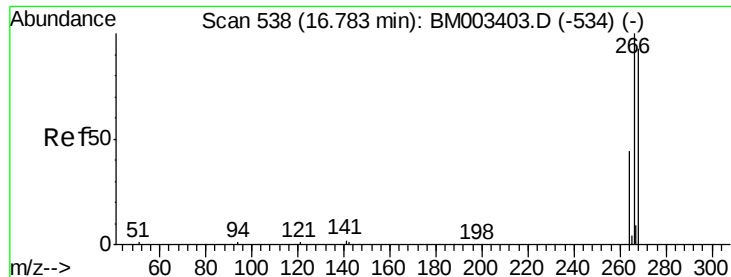
#29
Hexachlorobenzene
Concen: 0.51 ng
RT: 16.42 min Scan# 526
Delta R.T. 0.00 min
Lab File: BM003401.D
Acq: 07 Dec 2015 10:52

Tgt Ion:284 Resp: 3711
Ion Ratio Lower Upper
284 100
142 85.7 23.3 34.9#
249 67.5 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: 0.59 ng

RT: 16.78 min Scan# 538

Delta R.T. 0.00 min

Lab File: BM003401.D

Acq: 07 Dec 2015 10:52

Instrument :

BNA_M

ClientSampleId :

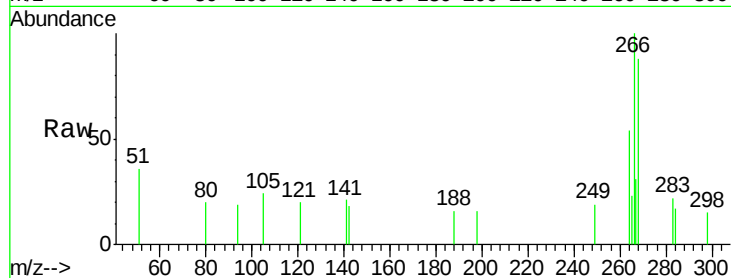
Tot Ion:266 Resp: 828

Ion Ratio Lower Upper

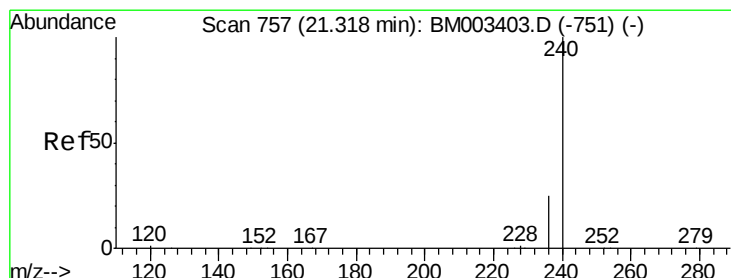
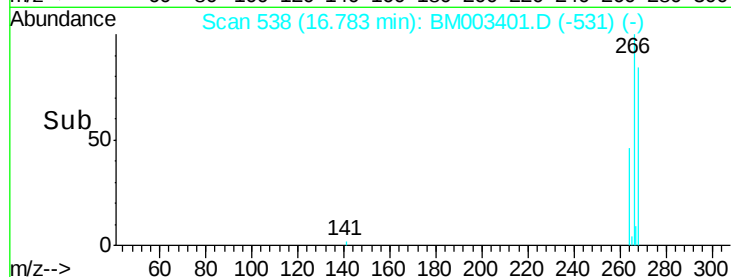
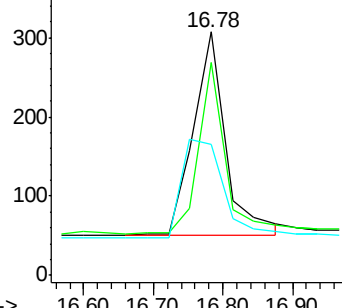
266 100

268 87.6 62.6 94.0

264 54.1 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: BM003401.D

Acq: 07 Dec 2015 10:52

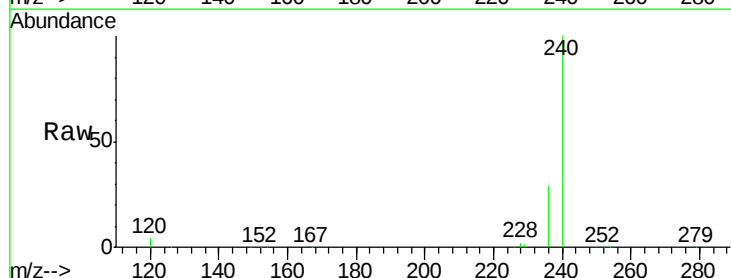
Tgt Ion:240 Resp: 210972

Ion Ratio Lower Upper

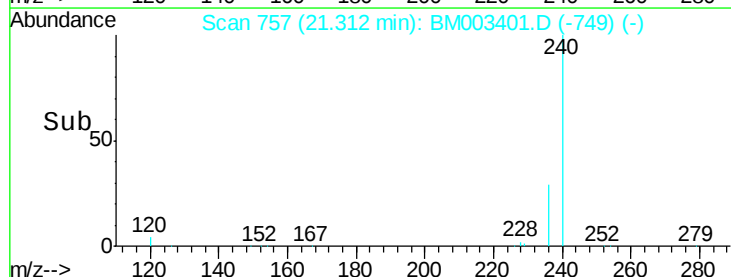
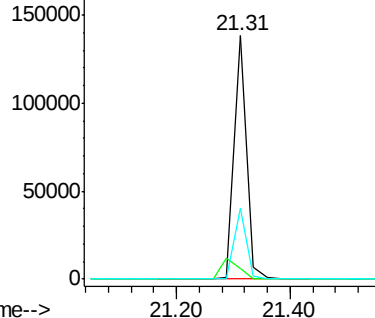
240 100

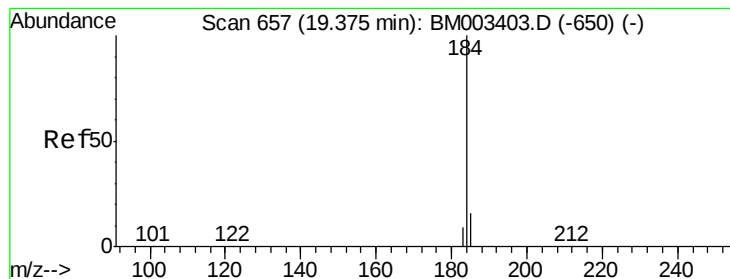
120 4.4 10.4 15.6#

236 29.3 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: 0.62 ng

RT: 19.38 min Scan# 657

Delta R.T. 0.00 min

Lab File: BM003401.D

Acq: 07 Dec 2015 10:52

Instrument :

BNA_M

ClientSampleId :

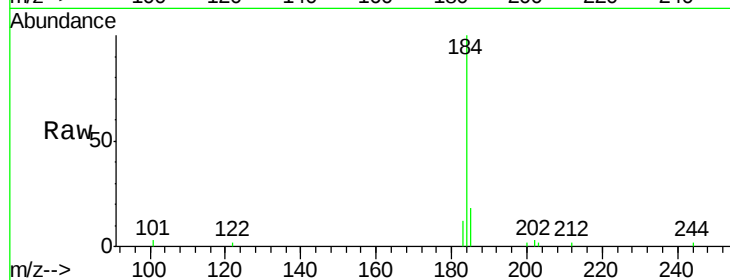
Tot Ion:184 Resp: 5023

Ion Ratio Lower Upper

184 100

185 17.8 11.6 17.4#

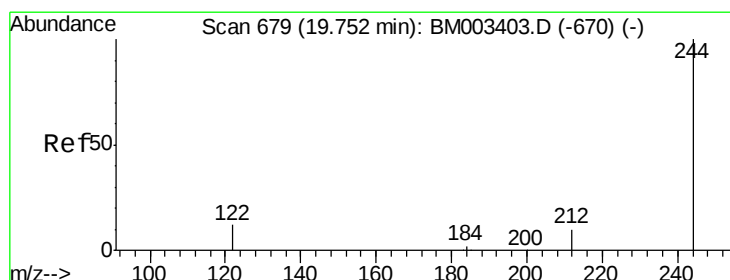
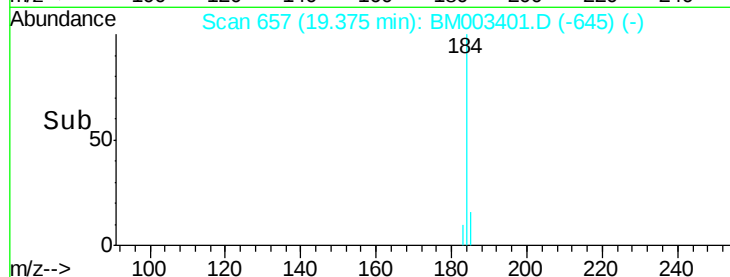
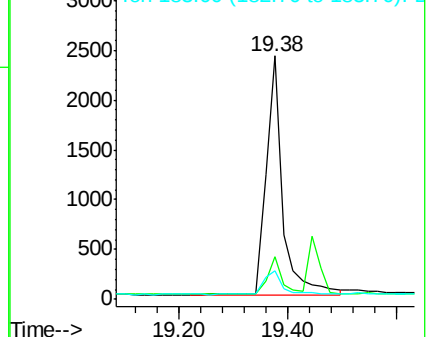
183 11.6 8.6 13.0



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: 0.45 ng

RT: 19.75 min Scan# 679

Delta R.T. 0.00 min

Lab File: BM003401.D

Acq: 07 Dec 2015 10:52

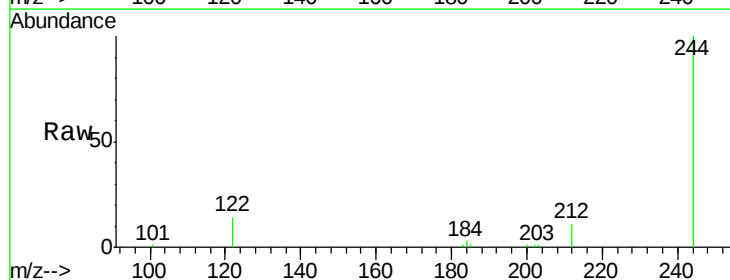
Tgt Ion:244 Resp: 12711

Ion Ratio Lower Upper

244 100

212 9.6 7.3 10.9

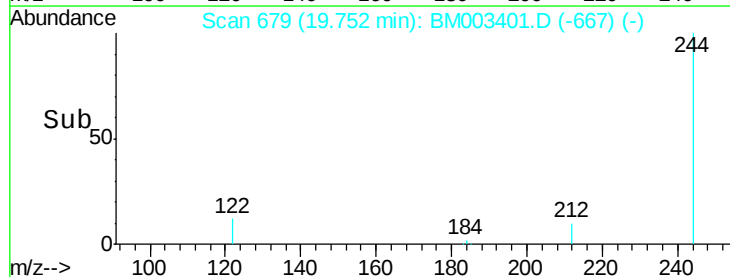
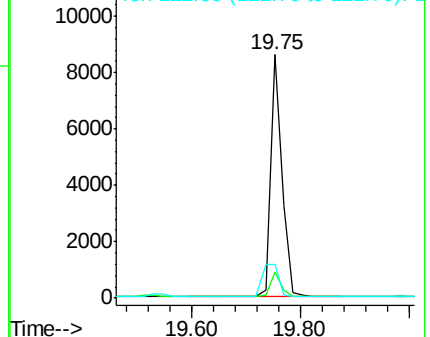
122 19.2 14.8 22.2

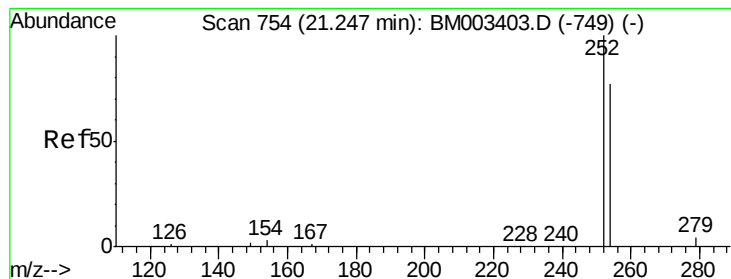


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

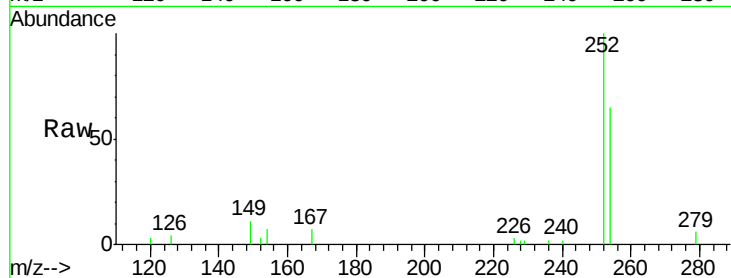




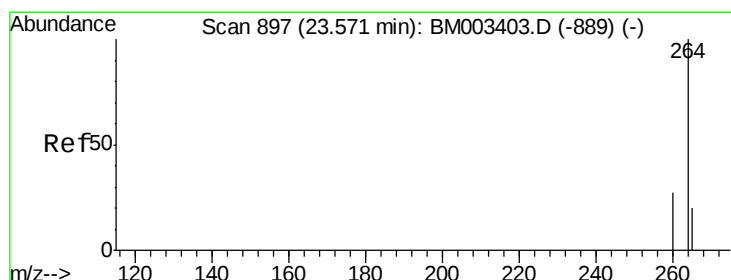
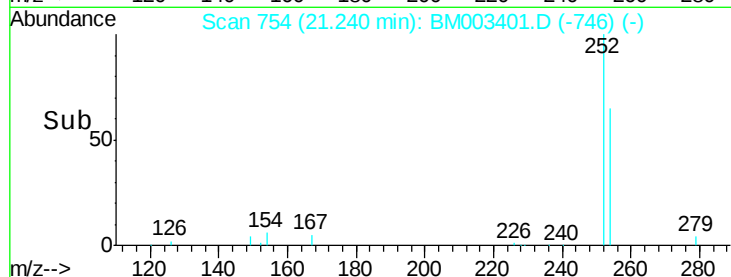
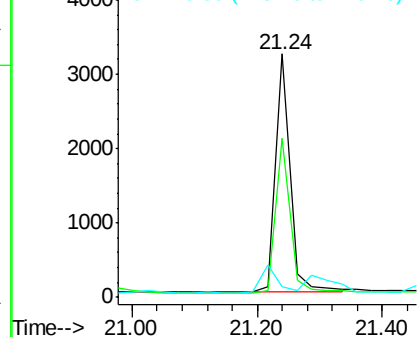
#34
 3,3'-Dichlorobenzidine
 Concen: 0.52 ng
 RT: 21.24 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BM003401.D
 Acq: 07 Dec 2015 10:52

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:252 Resp: 5231
 Ion Ratio Lower Upper
 252 100
 254 65.2 53.7 80.5
 126 4.4 2.8 4.2#

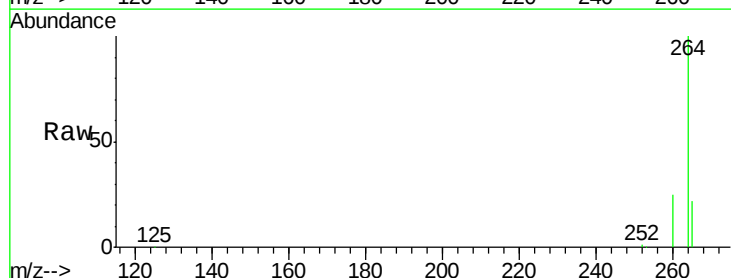


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E



#35
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.58 min Scan# 898
 Delta R.T. 0.00 min
 Lab File: BM003401.D
 Acq: 07 Dec 2015 10:52

Tgt Ion:264 Resp: 152404
 Ion Ratio Lower Upper
 264 100
 260 25.3 19.7 29.5
 265 21.7 17.4 26.2



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

