

Data Path : Z:\HPCHEM1\BNA M\DATA\BM120715\
 Data File : BM003407.D
 Acq On : 07 Dec 2015 14:48
 Operator : UM/IZ
 Sample : SSTDICV001
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 07 15:28:21 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	82706	5.00	ng	0.00
11) Naphthalene-d8	10.52	136	292321	5.00	ng	0.00
20) Acenaphthene-d10	14.37	164	176326	5.00	ng	0.00
27) Phenanthrene-d10	17.12	188	268164	5.00	ng	0.00
31) Chrysene-d12	21.31	240	210129	5.00	ng	0.00
35) Perylene-d12	23.59	264	194645	5.00	ng	0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.29	112	13761	0.97	ng	-0.02
5) Phenol-d6	6.88	99	19914	1.00	ng	0.00
12) Nitrobenzene-d5	8.86	82	15813	1.02	ng	0.00
21) 2,4,6-Tribromophenol	15.85	330	3375	0.76	ng	0.00
24) 2-Fluorobiphenyl	13.00	172	54112	0.87	ng	0.00
33) Terphenyl-d14	19.75	244	33385	1.17	ng	0.00

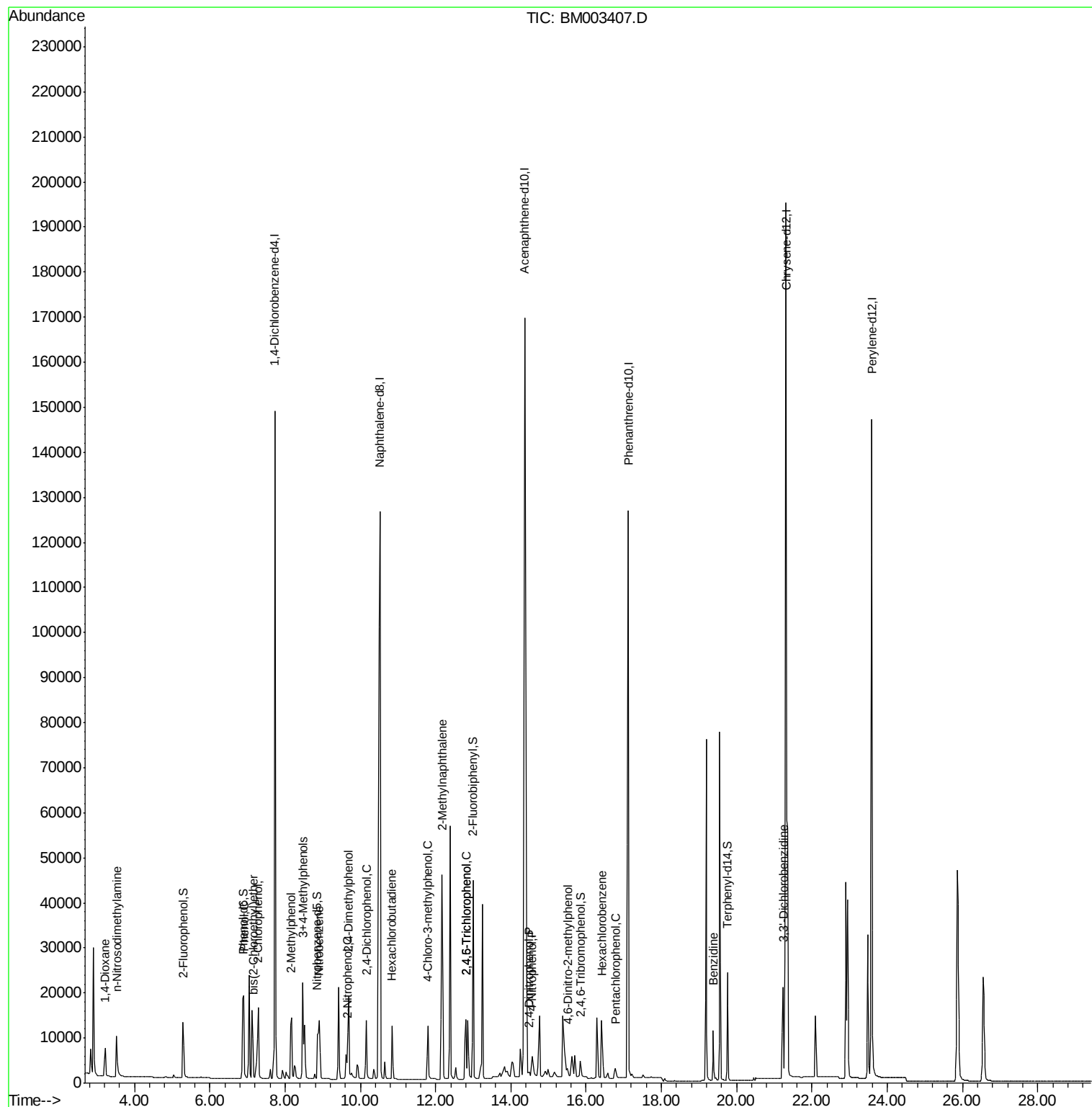
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.22	88	6472	0.95	ng	# 12
3) n-Nitrosodimethylamine	3.53	42	6373	0.98	ng	85
6) 2-Chlorophenol	7.29	128	18637	1.01	ng	90
7) Phenol	6.91	94	20509	0.99	ng	99
8) bis(2-Chloroethyl)ether	7.15	93	14929	1.01	ng	# 40
9) 2-Methylphenol	8.17	107	11745	1.00	ng	97
10) 3+4-Methylphenols	8.48	107	17103	1.01	ng	# 36
13) Nitrobenzene	8.91	77	16332	1.01	ng	# 44
14) 2-Nitrophenol	9.65	139	6439	0.98	ng	# 74
15) 2,4-Dimethylphenol	9.69	122	15747	1.02	ng	# 65
16) 2,4-Dichlorophenol	10.16	162	14673	1.02	ng	96
17) Hexachlorobutadiene	10.84	225	10219	0.96	ng	97
18) 4-Chloro-3-methylphenol	11.80	107	12340	0.98	ng	# 1
19) 2-Methylnaphthalene	12.18	142	44663	0.99	ng	94
22) 2,4,6-Trichlorophenol	12.80	196	9875	0.84	ng	# 56
23) 2,4,5-Trichlorophenol	12.80	196	9874	0.76	ng	# 85
25) 2,4-Dinitrophenol	14.49	184	1295	1.04	ng	# 73
26) 4-Nitrophenol	14.57	139	4342	0.81	ng	87
28) 4,6-Dinitro-2-methylphenol	15.50	198	3439	1.06	ng	# 32
29) Hexachlorobenzene	16.42	284	9754	0.86	ng	# 1
30) Pentachlorophenol	16.78	266	2633	0.85	ng	# 85
32) Benzidine	19.38	184	15945	1.15	ng	98
34) 3,3'-Dichlorobenzidine	21.24	252	14611	0.97	ng	# 86

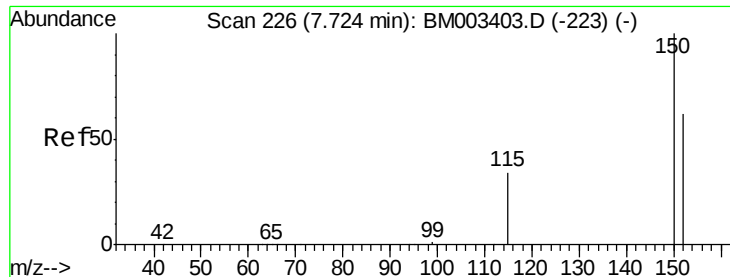
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM003407.D

Acq: 07 Dec 2015 14:48

Instrument :

BNA_M

ClientSampled :

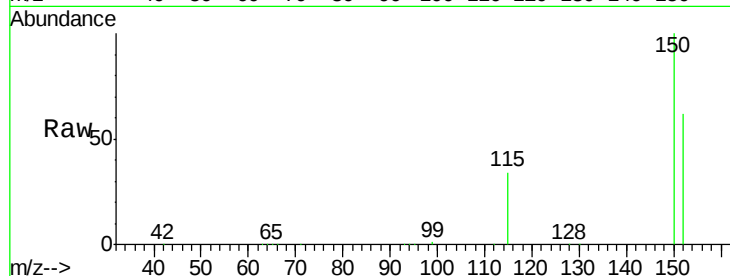
Tot Ion:152 Resp: 82706

Ion Ratio Lower Upper

152 100

150 161.0 116.3 174.5

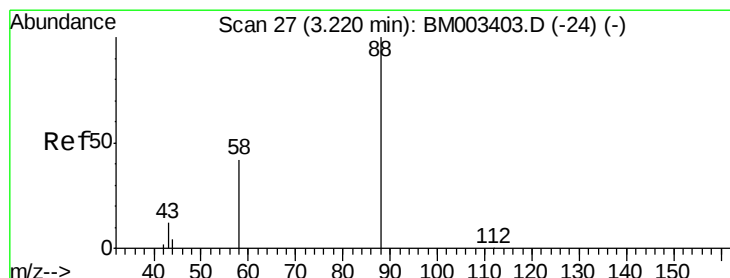
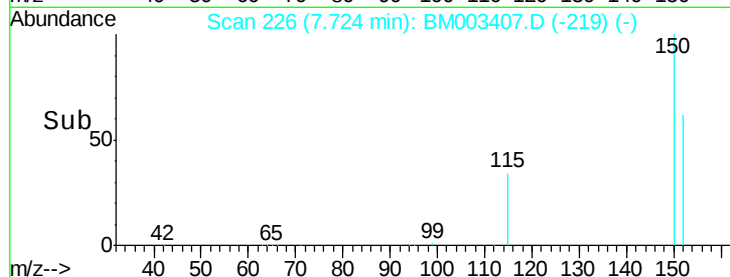
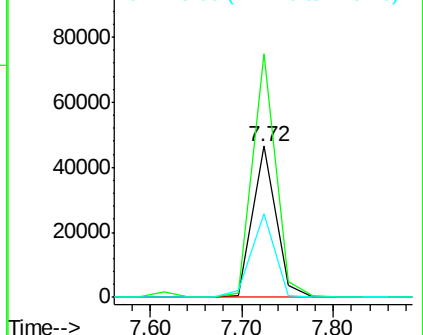
115 55.1 31.9 47.9#



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: 0.95 ng

RT: 3.22 min Scan# 27

Delta R.T. 0.00 min

Lab File: BM003407.D

Acq: 07 Dec 2015 14:48

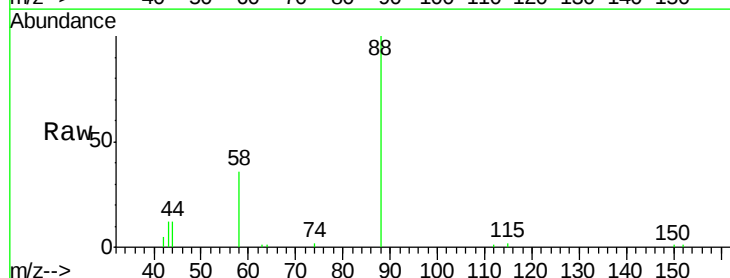
Tgt Ion: 88 Resp: 6472

Ion Ratio Lower Upper

88 100

58 0.0 75.5 113.3#

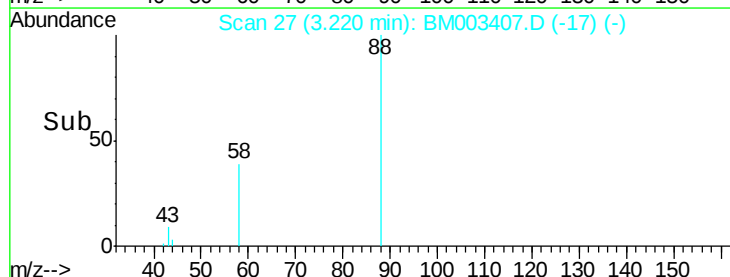
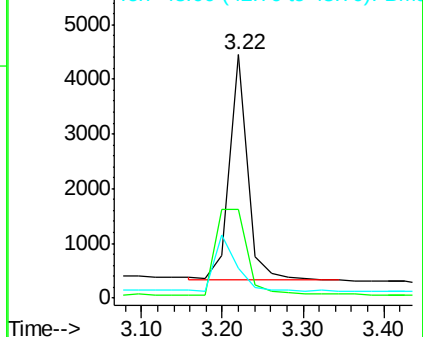
43 0.0 32.7 49.1#

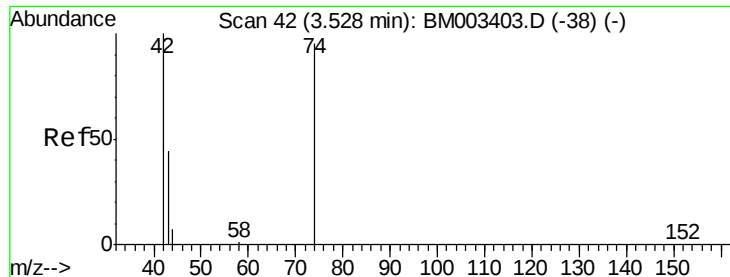


Abundance Ion 88.00 (87.70 to 88.70): BM

Ion 58.00 (57.70 to 58.70): BM

Ion 43.00 (42.70 to 43.70): BM





#3

n-Nitrosodimethylamine

Concen: 0.98 ng

RT: 3.53 min Scan# 42

Delta R.T. 0.00 min

Lab File: BM003407.D

Acq: 07 Dec 2015 14:48

Instrument :

BNA_M

ClientSampled :

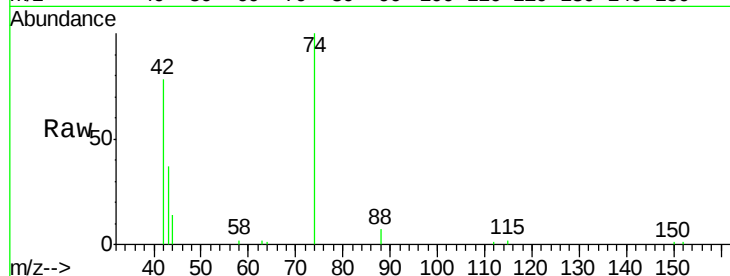
Tot Ion: 42 Resp: 6373

Ion Ratio Lower Upper

42 100

74 143.9 101.0 151.4

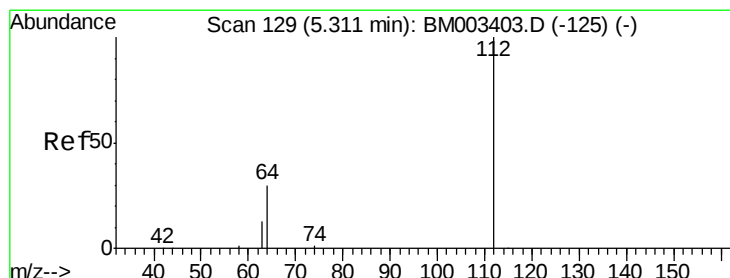
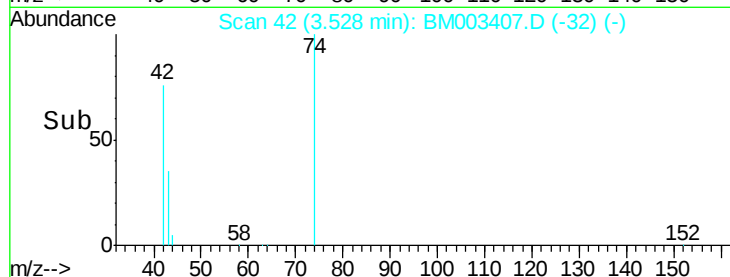
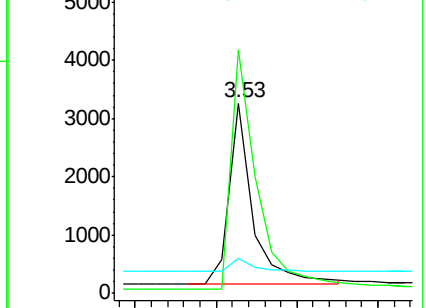
44 7.0 6.3 9.5



Abundance Ion 42.00 (41.70 to 42.70): BM003407.D (-38) (-)

Ion 74.00 (73.70 to 74.70): BM003407.D (-38) (-)

Ion 44.00 (43.70 to 44.70): BM003407.D (-38) (-)



#4

2-Fluorophenol

Concen: 0.97 ng

RT: 5.29 min Scan# 128

Delta R.T. -0.02 min

Lab File: BM003407.D

Acq: 07 Dec 2015 14:48

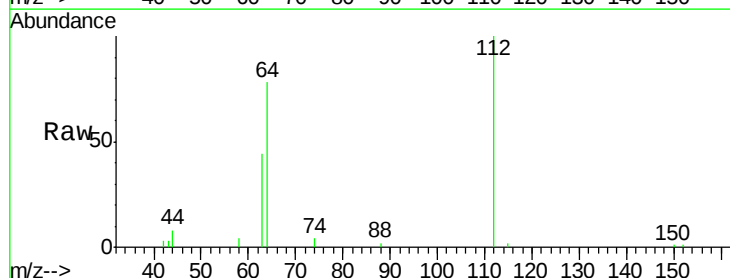
Tgt Ion: 112 Resp: 13761

Ion Ratio Lower Upper

112 100

64 78.2 49.3 73.9#

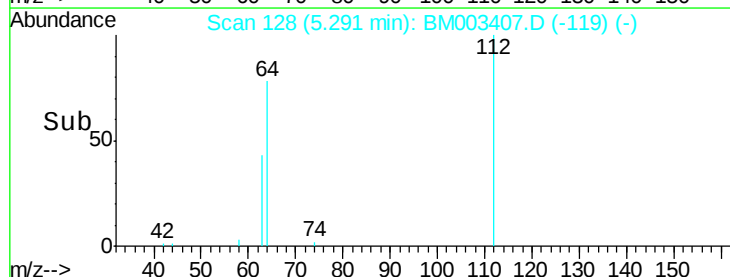
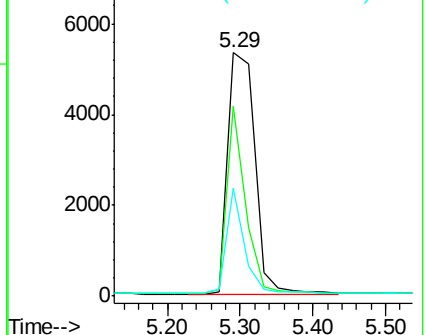
63 44.2 26.2 39.4#

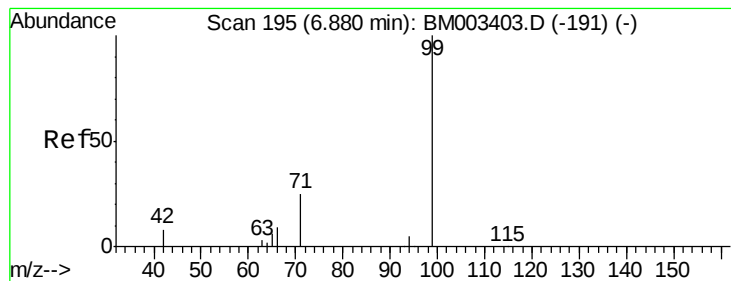


Abundance Ion 112.00 (111.70 to 112.70): BM003407.D (-125) (-)

Ion 64.00 (63.70 to 64.70): BM003407.D (-125) (-)

Ion 63.00 (62.70 to 63.70): BM003407.D (-125) (-)





#5

Phenol-d6

Concen: 1.00 ng

RT: 6.88 min Scan# 195

Delta R.T. 0.00 min

Lab File: BM003407.D

Acq: 07 Dec 2015 14:48

Instrument :

BNA_M

ClientSampled :

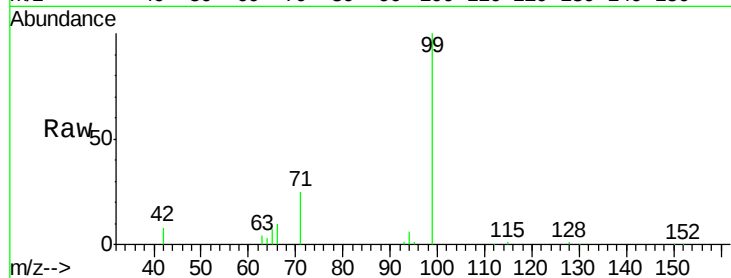
Tot Ion: 99 Resp: 19914

Ion Ratio Lower Upper

99 100

42 8.2 12.1 18.1#

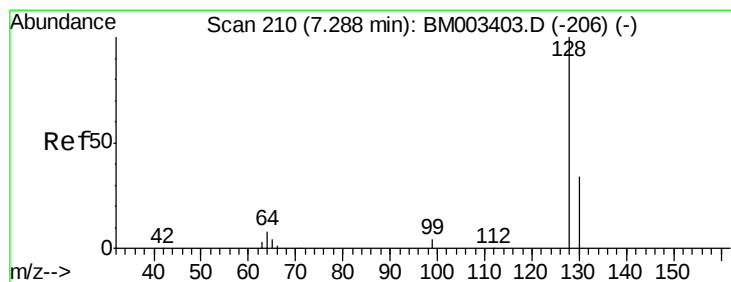
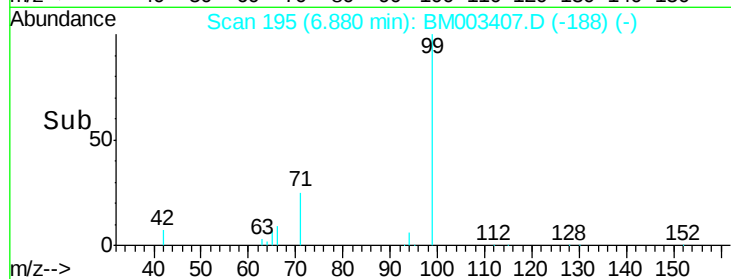
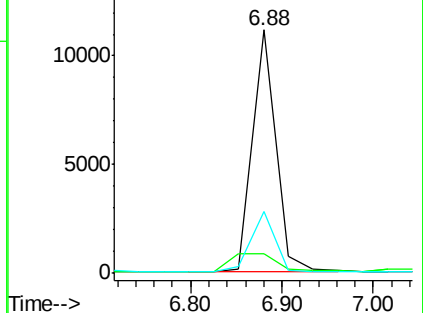
71 25.3 26.4 39.6#



Abundance Ion 99.00 (98.70 to 99.70): BM003407.D (-191) (-)

Ion 42.00 (41.70 to 42.70): BM003407.D (-191) (-)

Ion 71.00 (70.70 to 71.70): BM003407.D (-191) (-)



#6

2-Chlorophenol

Concen: 1.01 ng

RT: 7.29 min Scan# 210

Delta R.T. 0.00 min

Lab File: BM003407.D

Acq: 07 Dec 2015 14:48

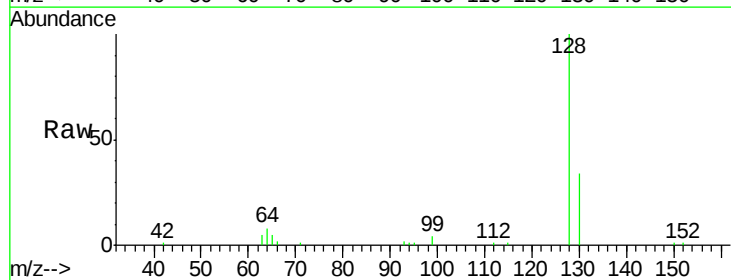
Tgt Ion: 128 Resp: 18637

Ion Ratio Lower Upper

128 100

130 34.3 22.2 62.2

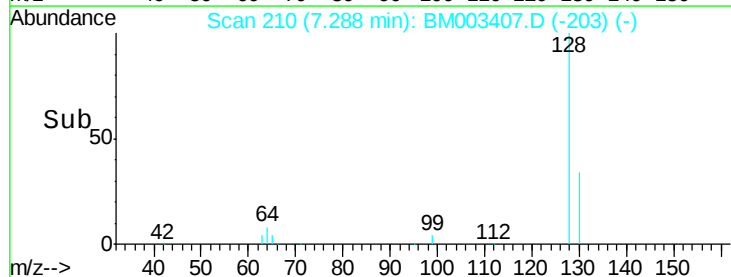
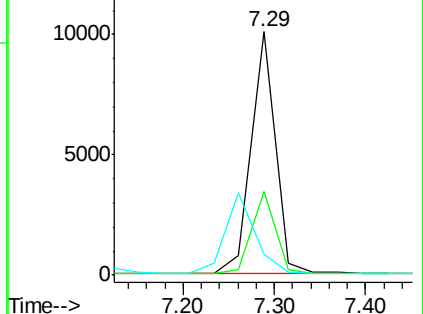
64 8.5 0.0 28.7

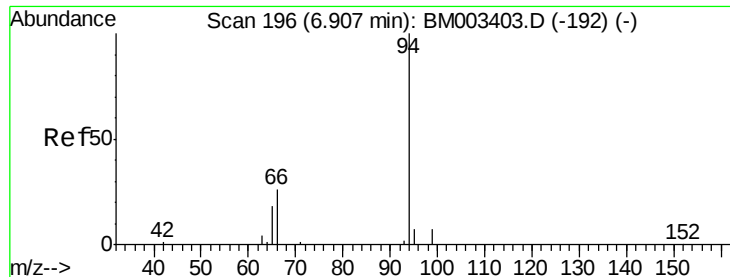


Abundance Ion 128.00 (127.70 to 128.70): BM003407.D (-206) (-)

Ion 130.00 (129.70 to 130.70): BM003407.D (-206) (-)

Ion 64.00 (63.70 to 64.70): BM003407.D (-206) (-)





#7

Phenol

Concen: 0.99 ng

RT: 6.91 min Scan# 196

Delta R.T. 0.00 min

Lab File: BM003407.D

Acq: 07 Dec 2015 14:48

Instrument :

BNA_M

ClientSampleId :

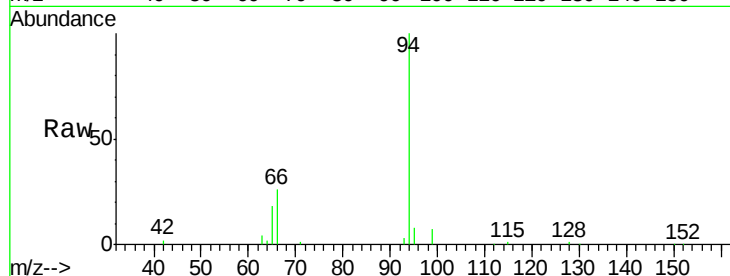
Tot Ion: 94 Resp: 20509

Ion Ratio Lower Upper

94 100

65 18.1 0.0 37.7

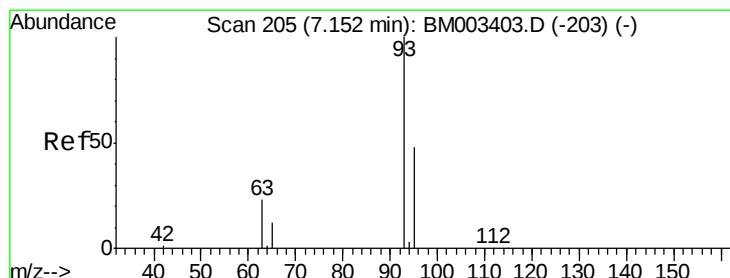
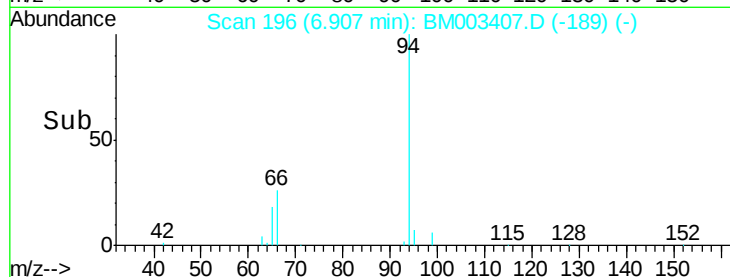
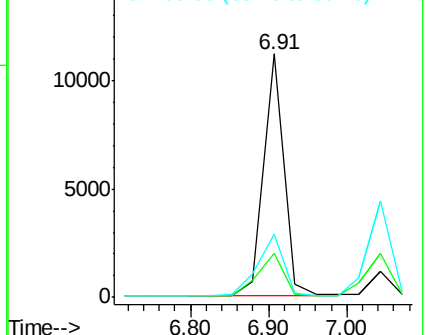
66 26.1 6.3 46.3



Abundance Ion 94.00 (93.70 to 94.70): BM003407.D (-192) (-)

Ion 65.00 (64.70 to 65.70): BM003407.D (-192) (-)

Ion 66.00 (65.70 to 66.70): BM003407.D (-192) (-)



#8

bis(2-Chloroethyl)ether

Concen: 1.01 ng

RT: 7.15 min Scan# 205

Delta R.T. 0.00 min

Lab File: BM003407.D

Acq: 07 Dec 2015 14:48

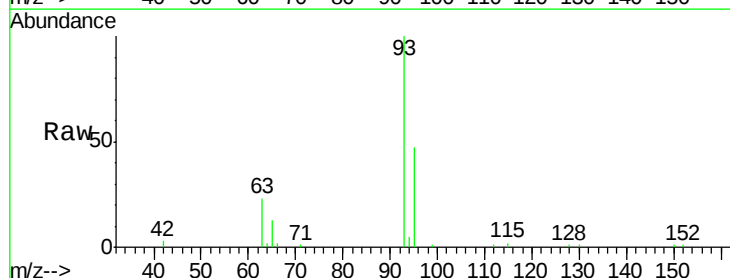
Tgt Ion: 93 Resp: 14929

Ion Ratio Lower Upper

93 100

63 0.0 58.2 87.4#

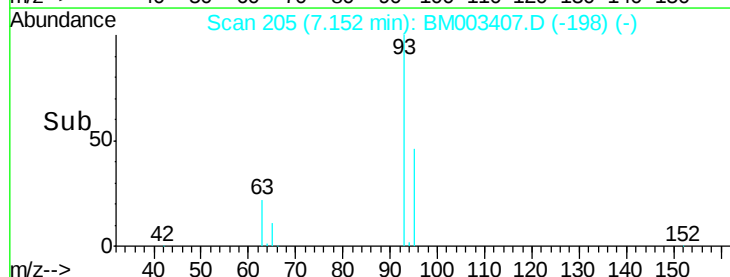
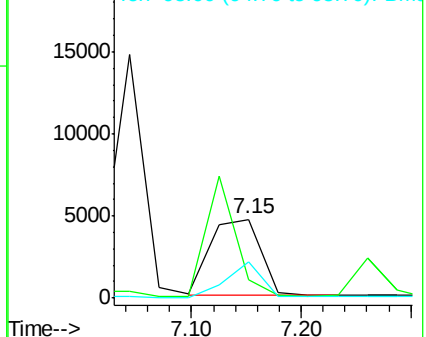
95 33.9 26.2 39.4

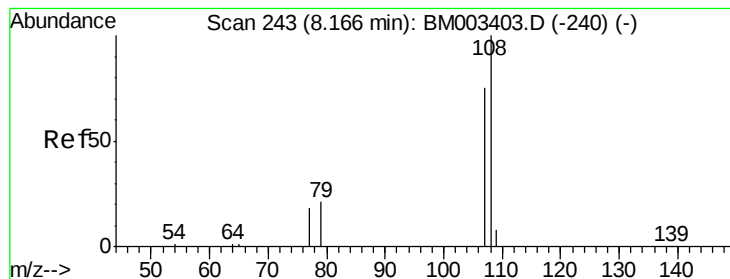


Abundance Ion 93.00 (92.70 to 93.70): BM003407.D (-203) (-)

Ion 63.00 (62.70 to 63.70): BM003407.D (-203) (-)

Ion 95.00 (94.70 to 95.70): BM003407.D (-203) (-)





#9

2-Methylphenol

Concen: 1.00 ng

RT: 8.17 min Scan# 243

Delta R.T. 0.00 min

Lab File: BM003407.D

Acq: 07 Dec 2015 14:48

Instrument :

BNA_M

ClientSampleId :

Tot Ion:107 Resp: 11745

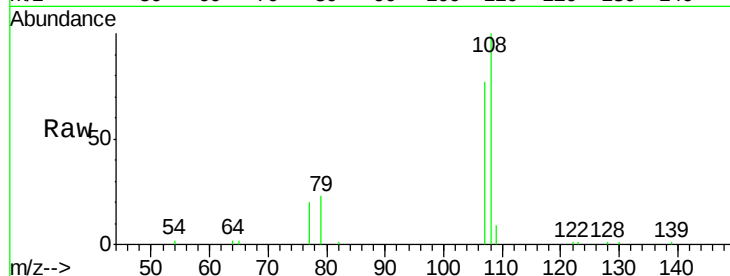
Ion Ratio Lower Upper

107 100

108 130.7 100.9 151.3

77 26.2 20.3 30.5

79 29.9 22.8 34.2

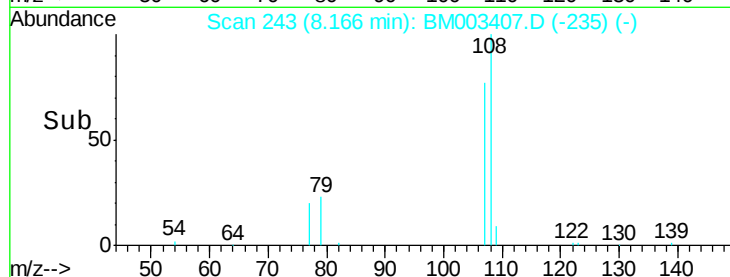


Abundance Ion 107.00 (106.70 to 107.70): E

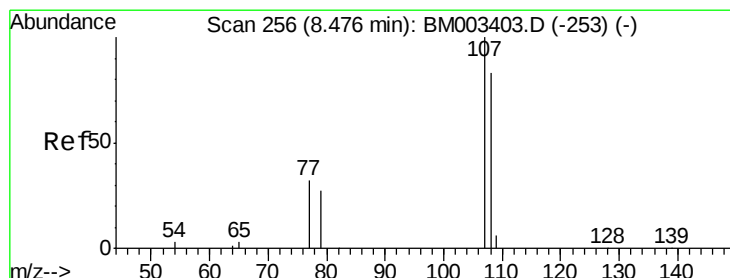
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BMC

Ion 79.00 (78.70 to 79.70): BMC



Time-->



#10

3+4-Methylphenols

Concen: 1.01 ng

RT: 8.48 min Scan# 256

Delta R.T. 0.00 min

Lab File: BM003407.D

Acq: 07 Dec 2015 14:48

Tgt Ion:107 Resp: 17103

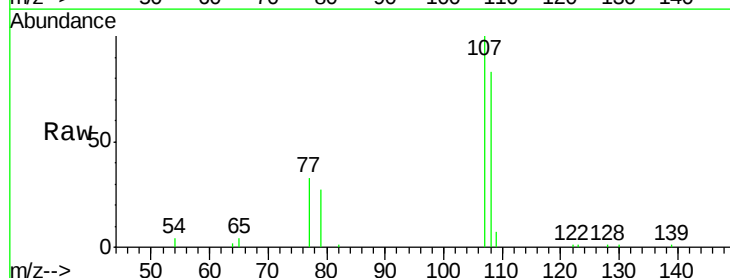
Ion Ratio Lower Upper

107 100

108 83.3 86.3 126.3#

77 32.9 151.7 191.7#

79 27.3 7.4 47.4

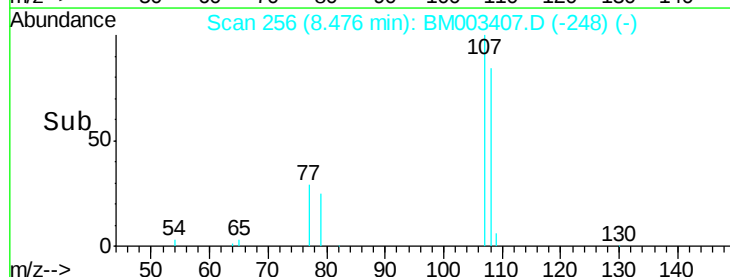


Abundance Ion 107.00 (106.70 to 107.70): E

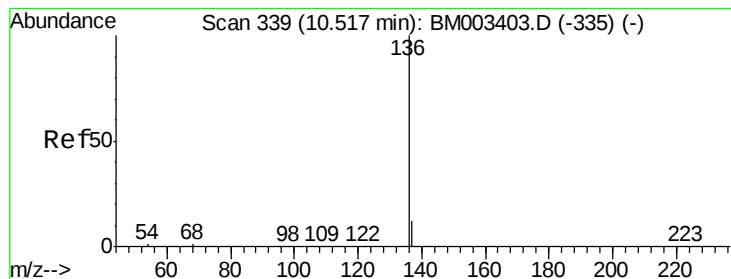
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BMC

Ion 79.00 (78.70 to 79.70): BMC



Time-->



#11

Naphthalene-d8

Concen: 5.00 ng

RT: 10.52 min Scan# 339

Delta R.T. 0.00 min

Lab File: BM003407.D

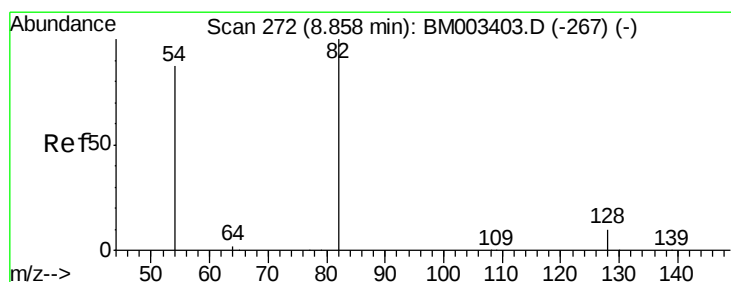
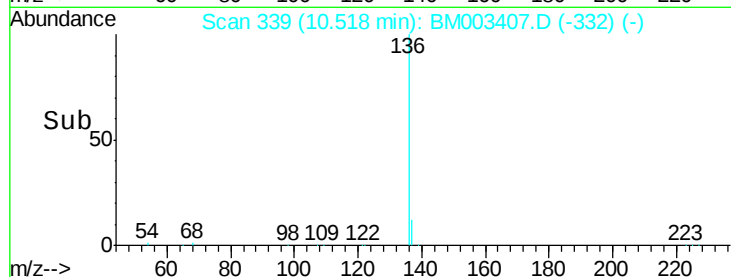
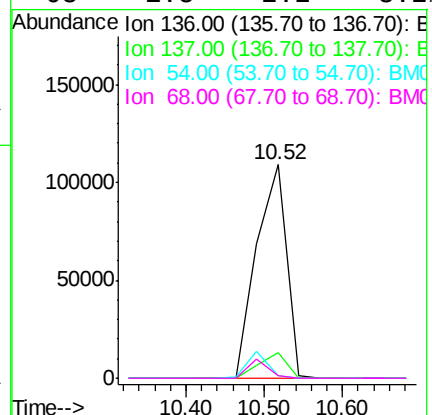
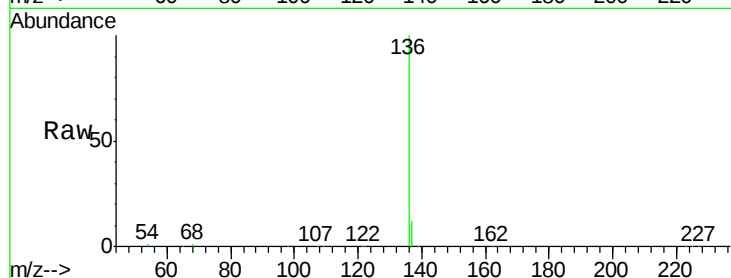
Acq: 07 Dec 2015 14:48

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136	Resp:	292321
Ion Ratio	Lower	Upper
136	100	
137	12.2	9.1 13.7
54	1.1	2.6 3.8#
68	1.5	2.2 3.2#



#12

Nitrobenzene-d5

Concen: 1.02 ng

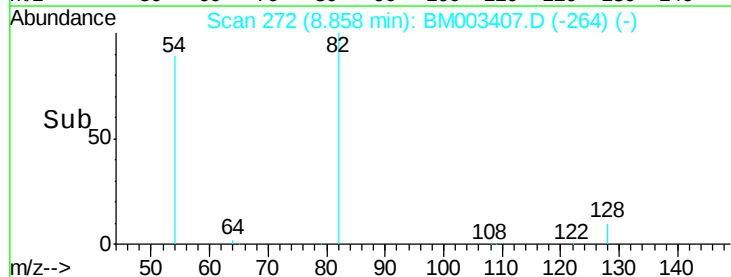
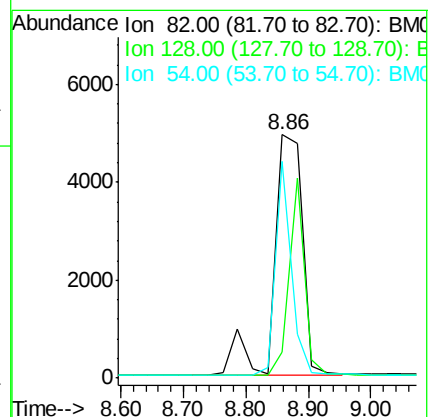
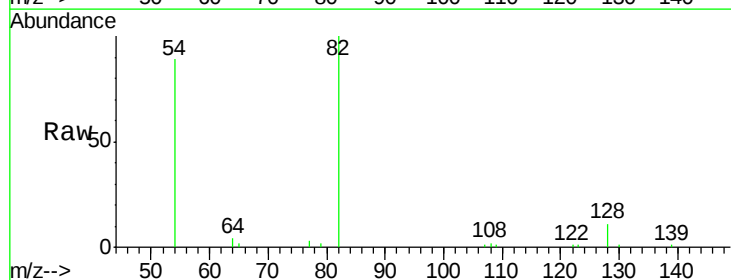
RT: 8.86 min Scan# 272

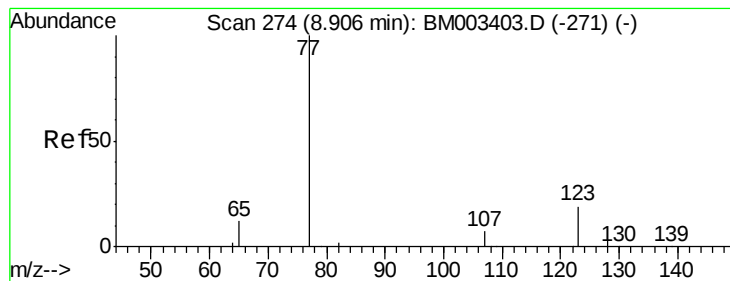
Delta R.T. 0.00 min

Lab File: BM003407.D

Acq: 07 Dec 2015 14:48

Tgt Ion: 82	Resp:	15813
Ion Ratio	Lower	Upper
82	100	
128	0.0	0.0 0.0
54	49.5	59.0 88.6#





#13

Nitrobenzene

Concen: 1.01 ng

RT: 8.91 min Scan# 274

Delta R.T. 0.00 min

Lab File: BM003407.D

Acq: 07 Dec 2015 14:48

Instrument :

BNA_M

ClientSampleId :

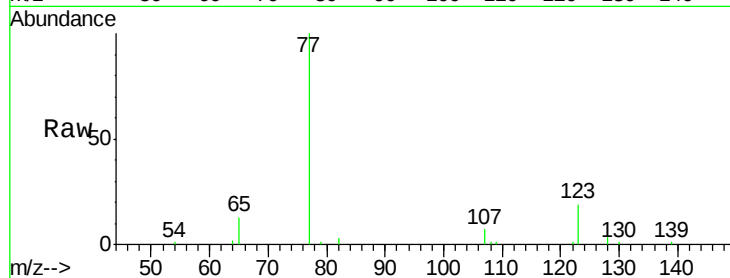
Tot Ion: 77 Resp: 16332

Ion Ratio Lower Upper

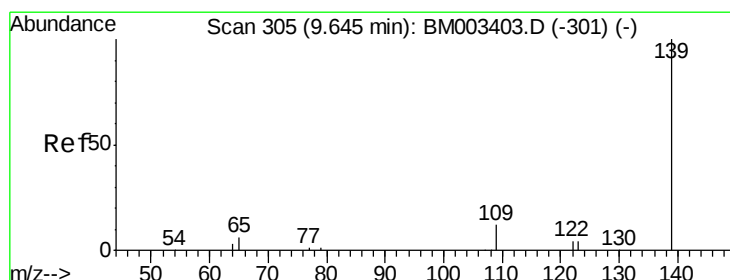
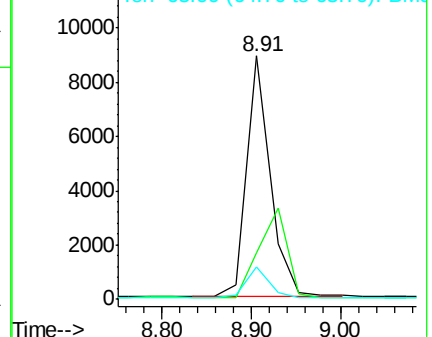
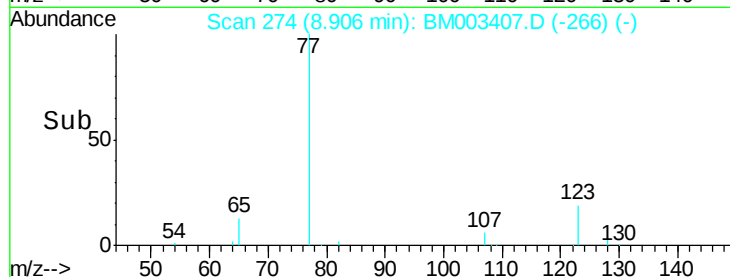
77 100

123 0.0 37.7 56.5#

65 12.1 9.8 14.6



Abundance Ion 77.00 (76.70 to 77.70): BM003407.D (-266) (-)



#14

2-Nitrophenol

Concen: 0.98 ng

RT: 9.65 min Scan# 305

Delta R.T. 0.00 min

Lab File: BM003407.D

Acq: 07 Dec 2015 14:48

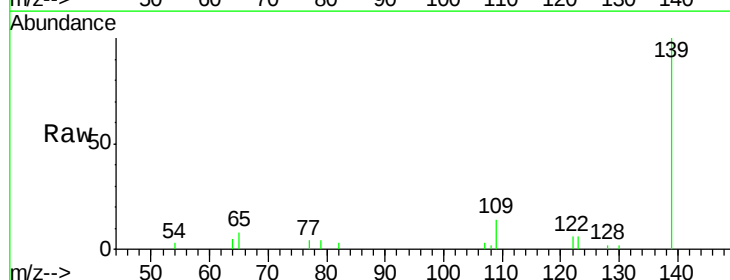
Tgt Ion: 139 Resp: 6439

Ion Ratio Lower Upper

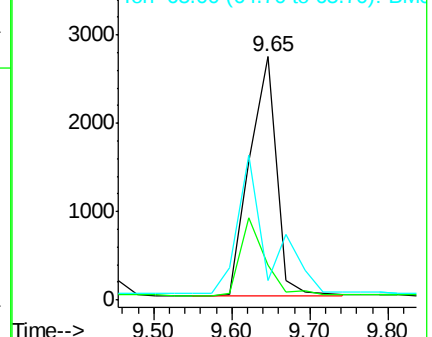
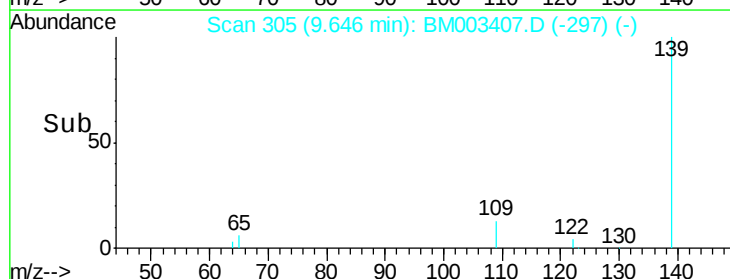
139 100

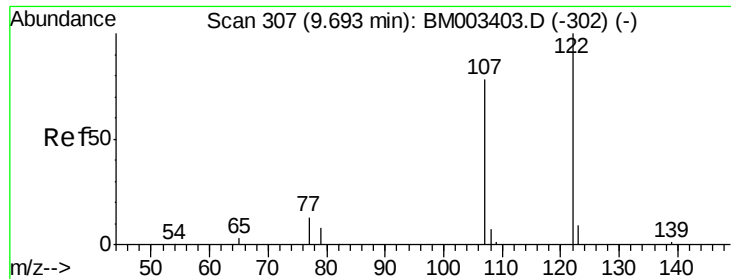
109 14.3 19.5 29.3#

65 8.0 18.6 28.0#



Abundance Ion 139.00 (138.70 to 139.70): BM003407.D (-297) (-)





#15

2,4-Dimethylphenol

Concen: 1.02 ng

RT: 9.69 min Scan# 307

Delta R.T. 0.00 min

Lab File: BM003407.D

Acq: 07 Dec 2015 14:48

Instrument :

BNA_M

ClientSampled :

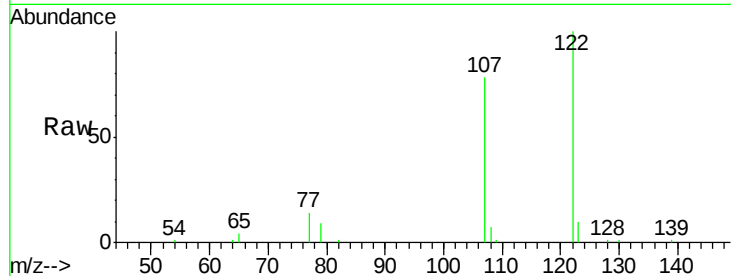
Tot Ion:122 Resp: 15747

Ion Ratio Lower Upper

122 100

107 78.5 68.6 102.8

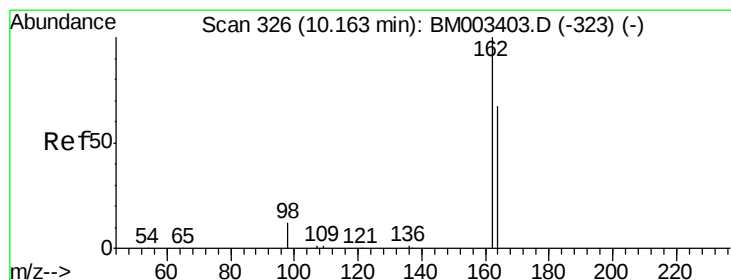
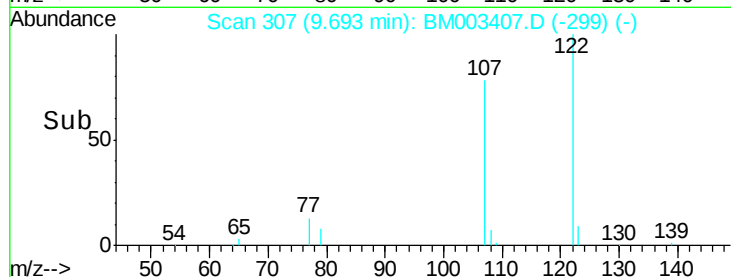
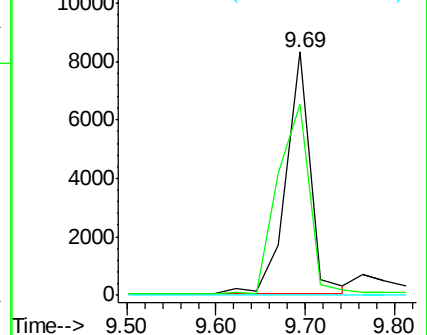
121 0.0 44.8 67.2#



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: 1.02 ng

RT: 10.16 min Scan# 326

Delta R.T. 0.00 min

Lab File: BM003407.D

Acq: 07 Dec 2015 14:48

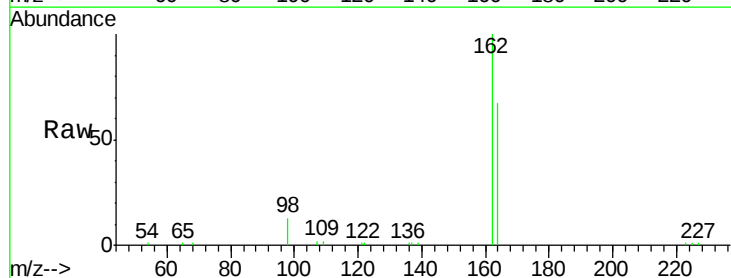
Tgt Ion:162 Resp: 14673

Ion Ratio Lower Upper

162 100

164 67.1 49.2 89.2

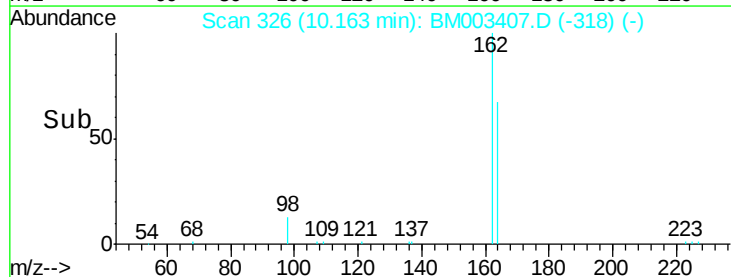
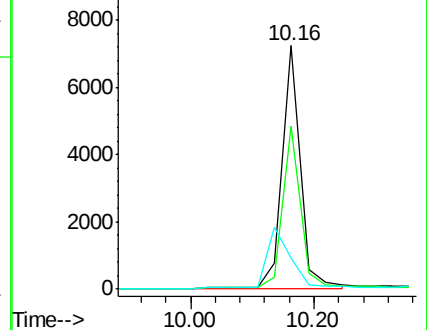
98 12.8 0.0 37.4

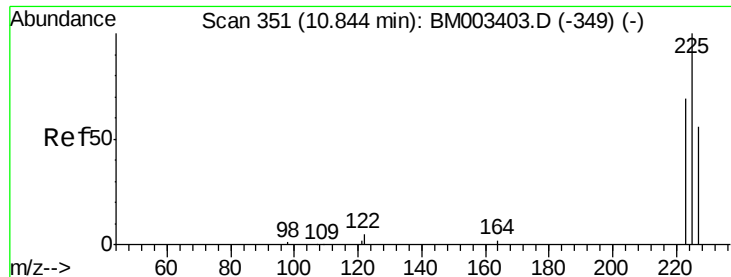


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM

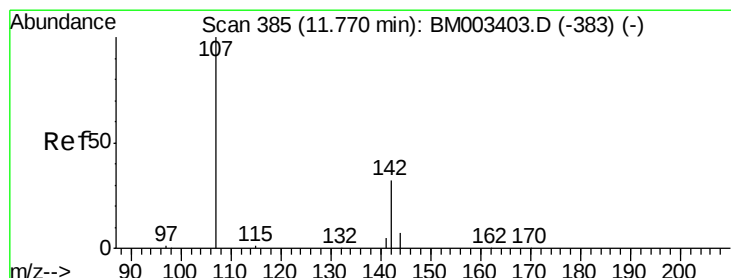
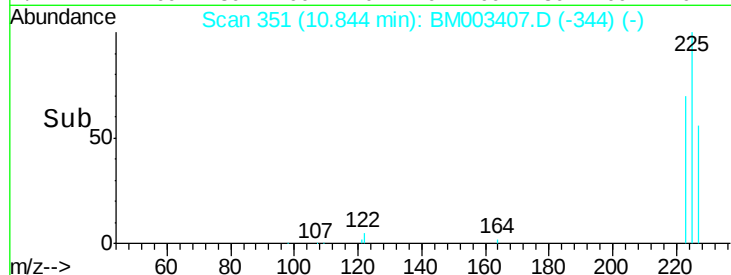
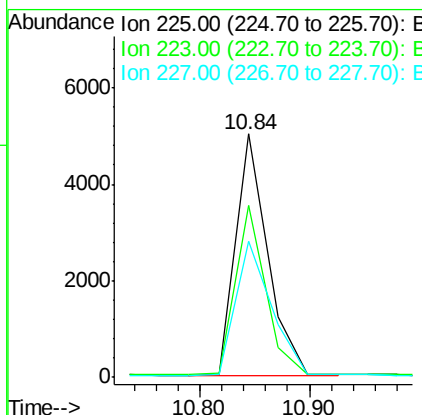
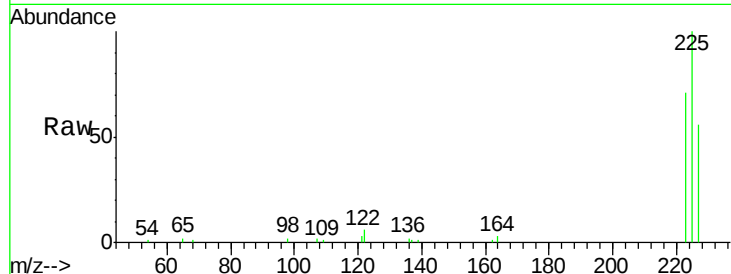




#17
Hexachlorobutadiene
Concen: 0.96 ng
RT: 10.84 min Scan# 351
Delta R.T. 0.00 min
Lab File: BM003407.D
Acq: 07 Dec 2015 14:48

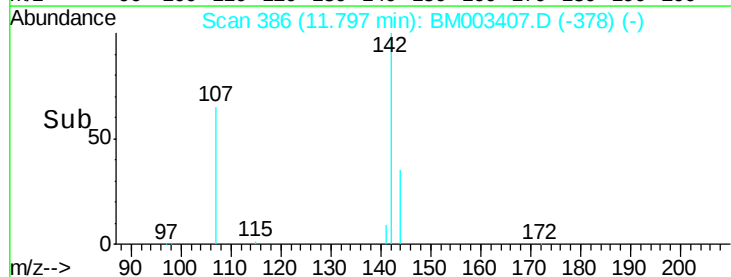
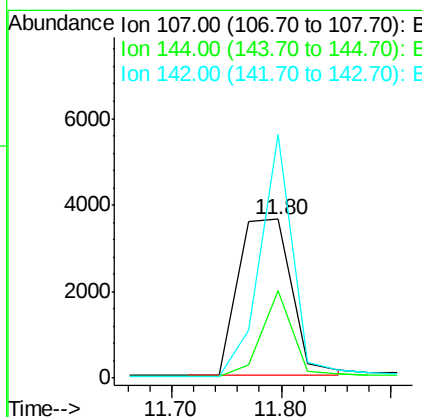
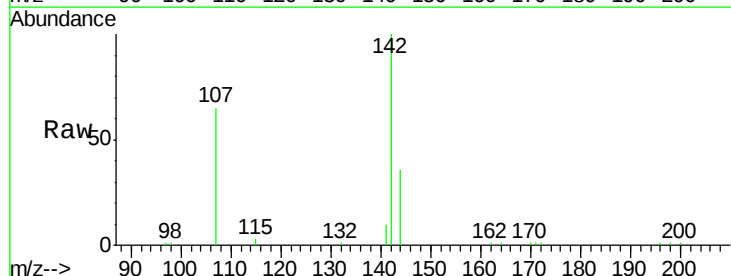
Instrument :
BNA_M
ClientSampleId :

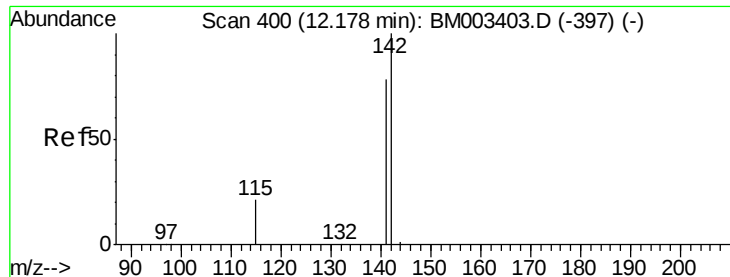
Tot Ion:225 Resp: 10219
Ion Ratio Lower Upper
225 100
223 65.7 53.0 79.4
227 61.4 52.2 78.4



#18
4-Chloro-3-methylphenol
Concen: 0.98 ng
RT: 11.80 min Scan# 386
Delta R.T. 0.03 min
Lab File: BM003407.D
Acq: 07 Dec 2015 14:48

Tgt Ion:107 Resp: 12340
Ion Ratio Lower Upper
107 100
144 55.0 16.2 24.2#
142 153.4 49.8 74.6#

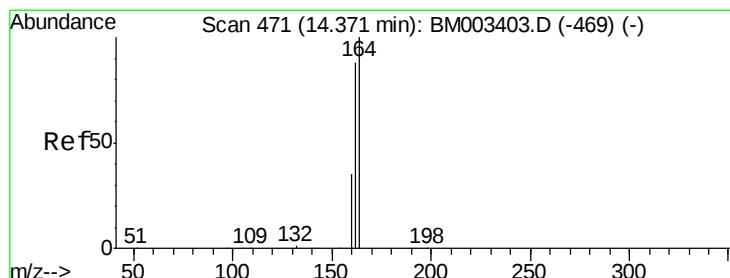
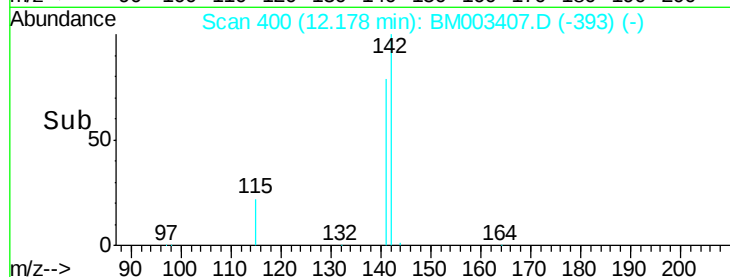
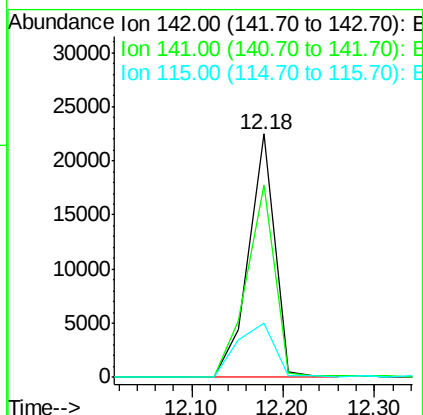
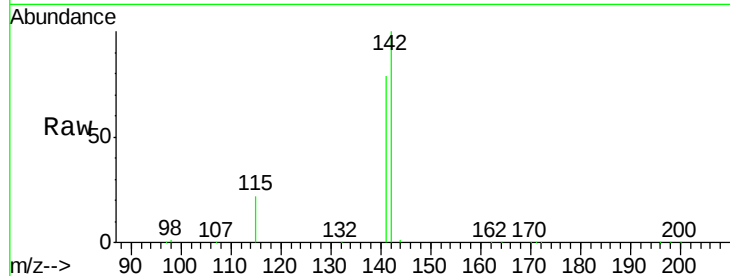




#19
2-Methylnaphthalene
Concen: 0.99 ng
RT: 12.18 min Scan# 400
Delta R.T. 0.00 min
Lab File: BM003407.D
Acq: 07 Dec 2015 14:48

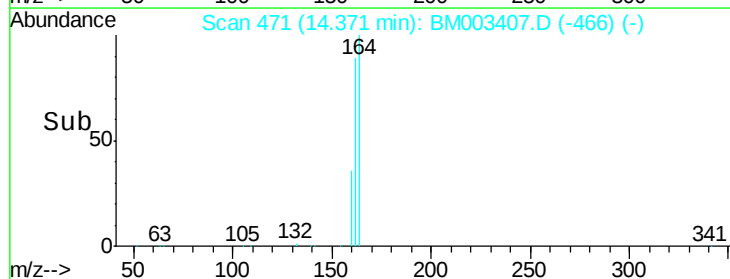
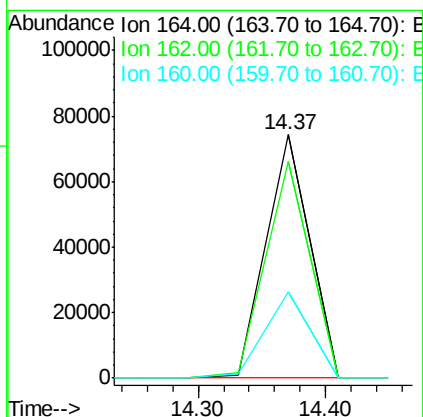
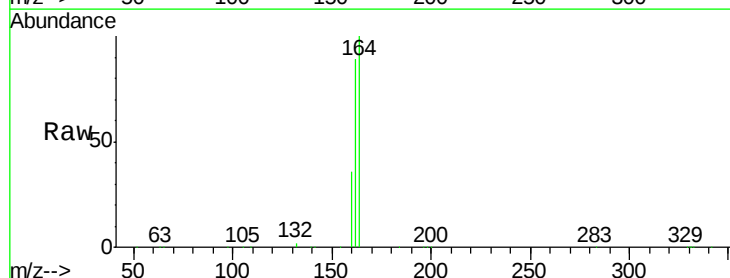
Instrument :
BNA_M
ClientSampleId :

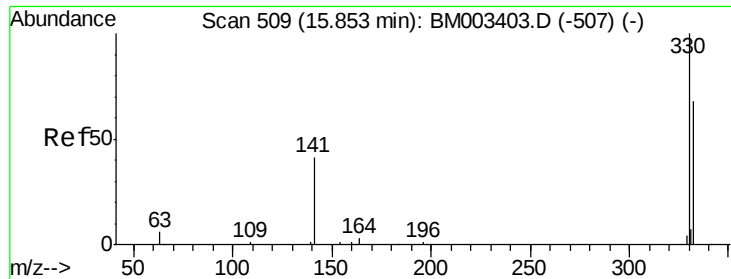
Tot Ion:142 Resp: 44663
Ion Ratio Lower Upper
142 100
141 85.4 71.4 107.0
115 31.0 29.3 43.9



#20
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.37 min Scan# 471
Delta R.T. 0.00 min
Lab File: BM003407.D
Acq: 07 Dec 2015 14:48

Tgt Ion:164 Resp: 176326
Ion Ratio Lower Upper
164 100
162 89.2 79.2 118.8
160 35.6 33.7 50.5

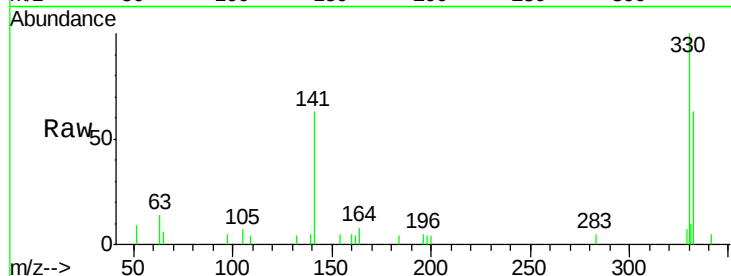




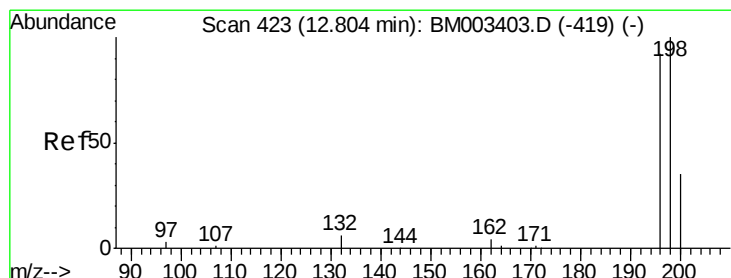
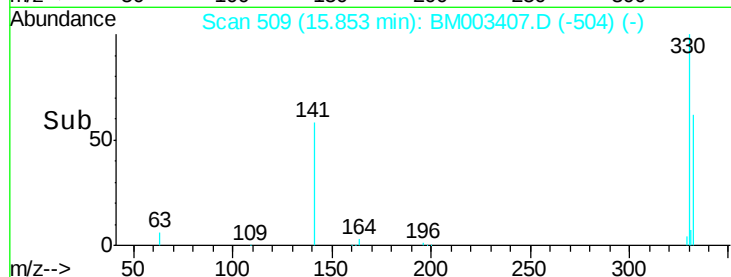
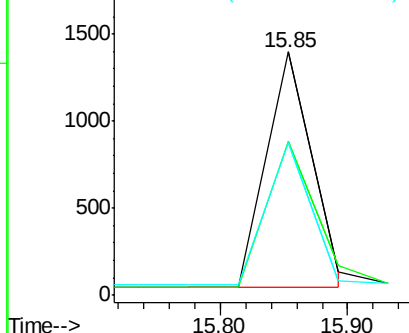
#21
 2,4,6-Tribromophenol
 Concen: 0.76 ng
 RT: 15.85 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: BM003407.D
 Acq: 07 Dec 2015 14:48

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:330 Resp: 3375
 Ion Ratio Lower Upper
 330 100
 332 66.7 74.0 111.0#
 141 58.8 24.1 36.1#

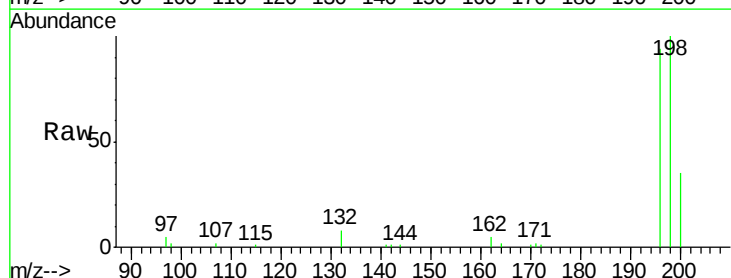


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

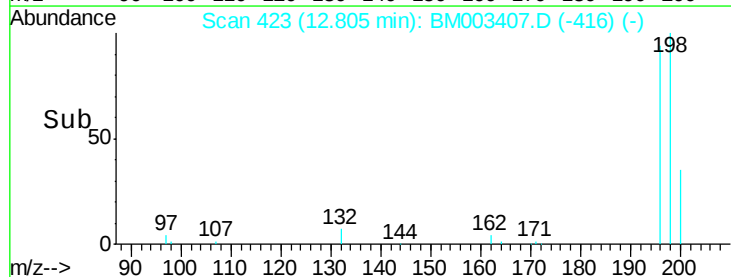
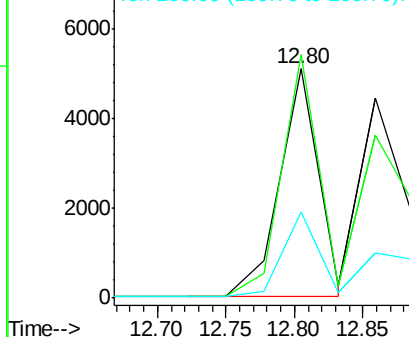


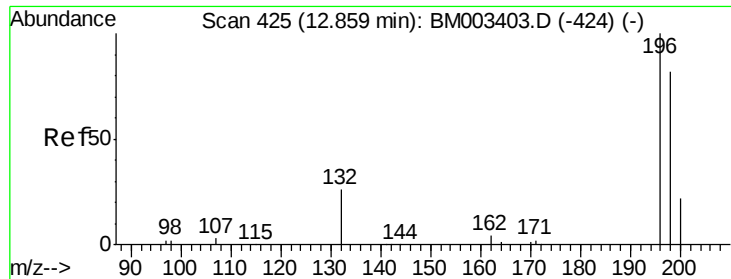
#22
 2,4,6-Trichlorophenol
 Concen: 0.84 ng
 RT: 12.80 min Scan# 423
 Delta R.T. 0.00 min
 Lab File: BM003407.D
 Acq: 07 Dec 2015 14:48

Tgt Ion:196 Resp: 9875
 Ion Ratio Lower Upper
 196 100
 198 106.2 54.2 81.2#
 200 37.5 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

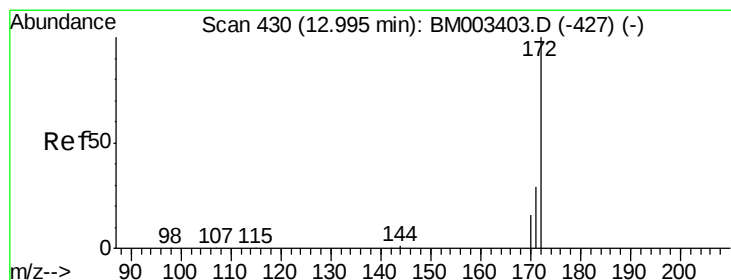
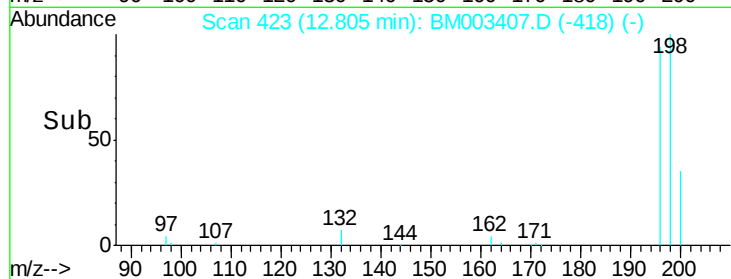
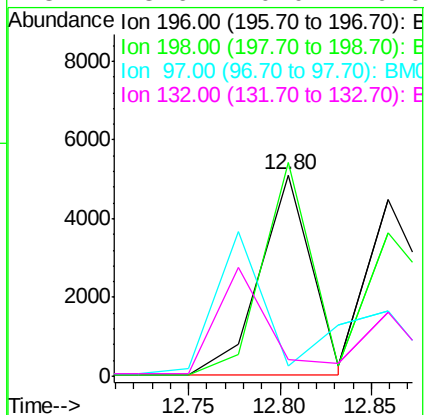
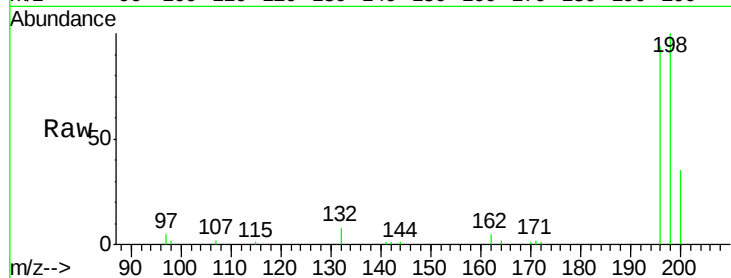




#23
 2,4,5-Trichlorophenol
 Concen: 0.76 ng
 RT: 12.80 min Scan# 423
 Delta R.T. -0.05 min
 Lab File: BM003407.D
 Acq: 07 Dec 2015 14:48

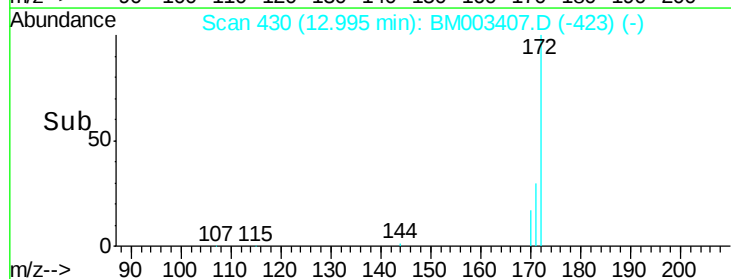
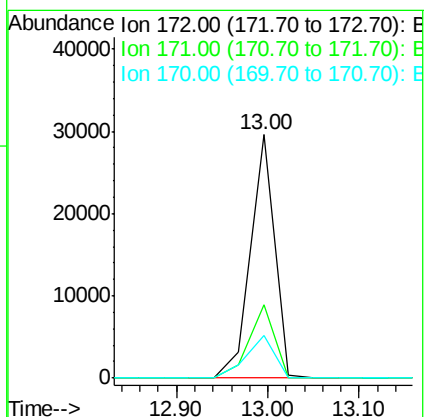
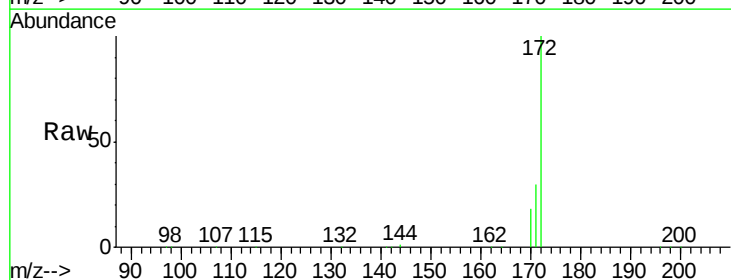
Instrument :
 BNA_M
 ClientSampleId :

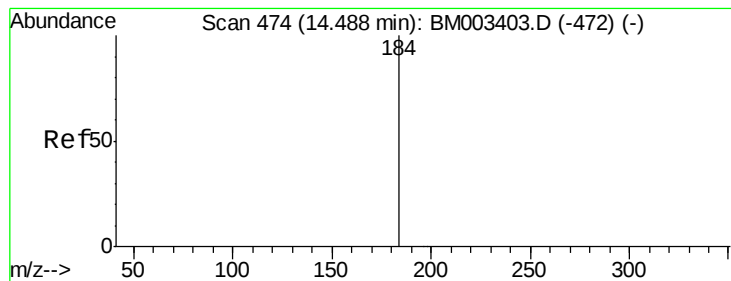
Tot Ion:196 Resp: 9874
 Ion Ratio Lower Upper
 196 100
 198 106.2 73.6 110.4
 97 5.0 0.0 0.0#
 132 8.6 0.0 0.0#



#24
 2-Fluorobiphenyl
 Concen: 0.87 ng
 RT: 13.00 min Scan# 430
 Delta R.T. 0.00 min
 Lab File: BM003407.D
 Acq: 07 Dec 2015 14:48

Tgt Ion:172 Resp: 54112
 Ion Ratio Lower Upper
 172 100
 171 31.6 28.0 42.0
 170 20.3 18.9 28.3

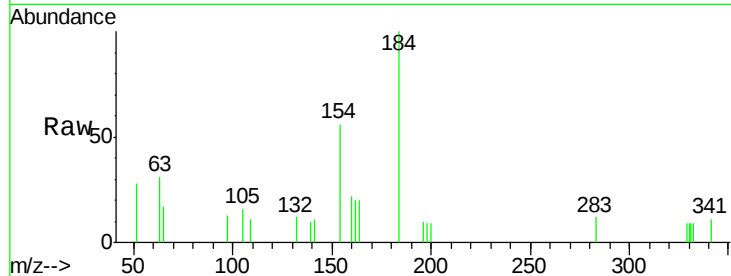




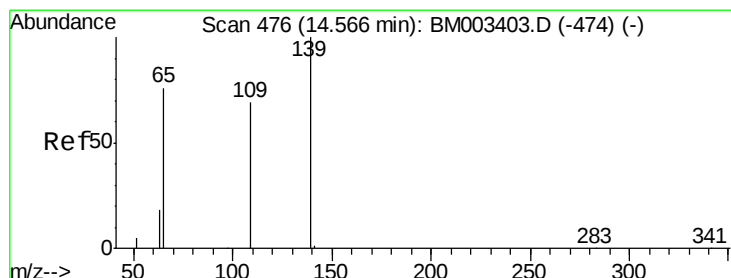
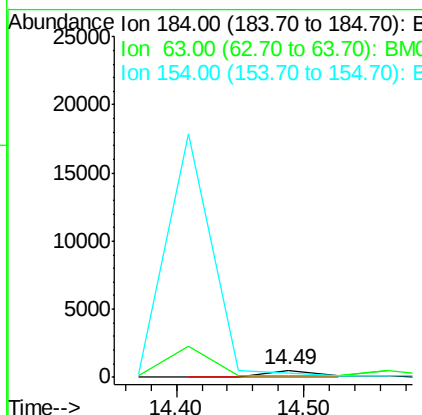
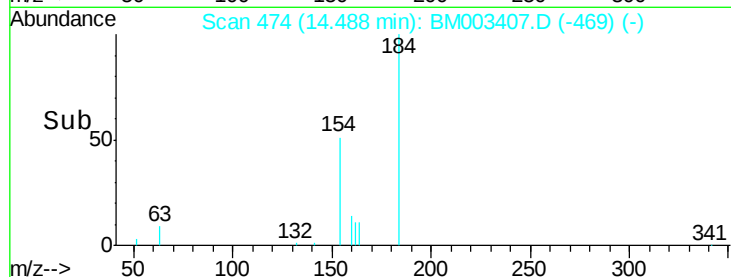
#25
2,4-Dinitrophenol
Concen: 1.04 ng
RT: 14.49 min Scan# 474
Delta R.T. 0.00 min
Lab File: BM003407.D
Acq: 07 Dec 2015 14:48

Instrument :
BNA_M
ClientSampleId :

Tot Ion:184 Resp: 1295
Ion Ratio Lower Upper
184 100
63 31.2 52.0 78.0#
154 56.2 51.4 77.2

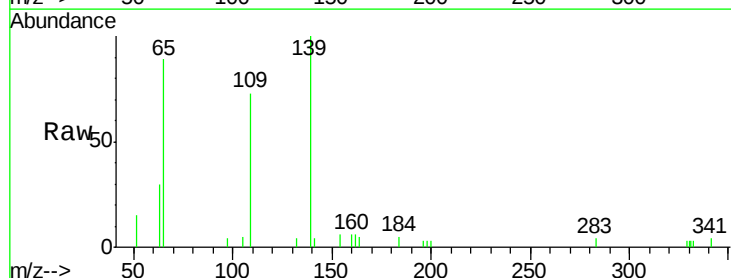


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BM0
Ion 154.00 (153.70 to 154.70): E

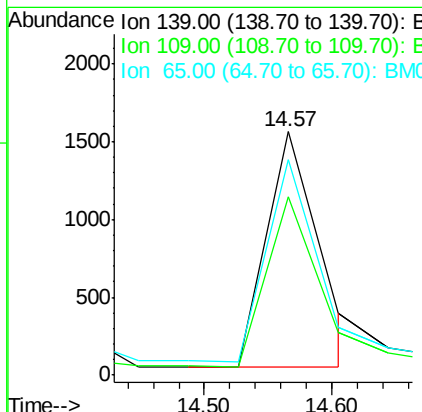
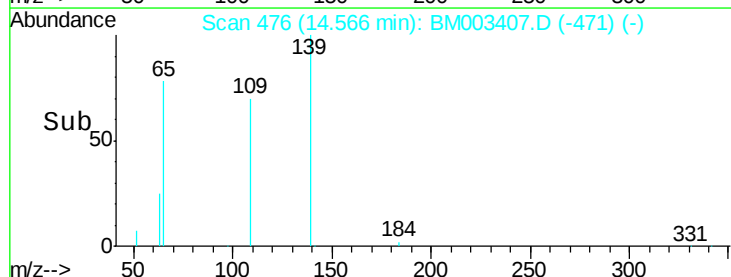


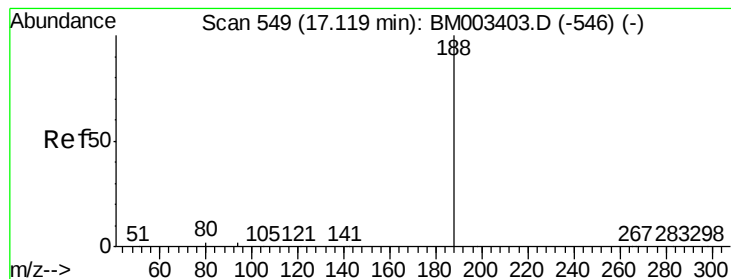
#26
4-Nitrophenol
Concen: 0.81 ng
RT: 14.57 min Scan# 476
Delta R.T. 0.00 min
Lab File: BM003407.D
Acq: 07 Dec 2015 14:48

Tgt Ion:139 Resp: 4342
Ion Ratio Lower Upper
139 100
109 73.1 60.0 100.0
65 88.6 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): BM0





#27

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.12 min Scan# 549

Delta R.T. 0.00 min

Lab File: BM003407.D

Acq: 07 Dec 2015 14:48

Instrument :

BNA_M

ClientSampleId :

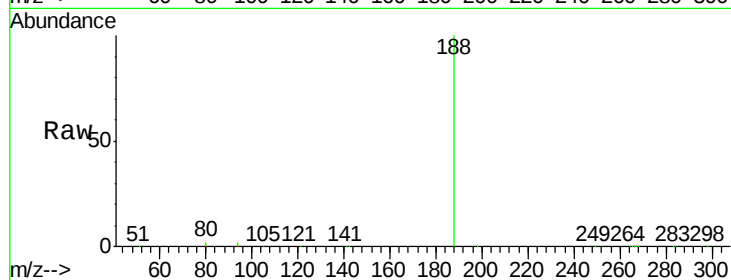
Tot Ion:188 Resp: 268164

Ion Ratio Lower Upper

188 100

94 2.4 2.9 4.3#

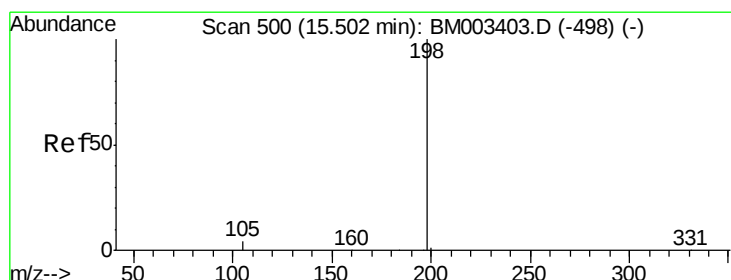
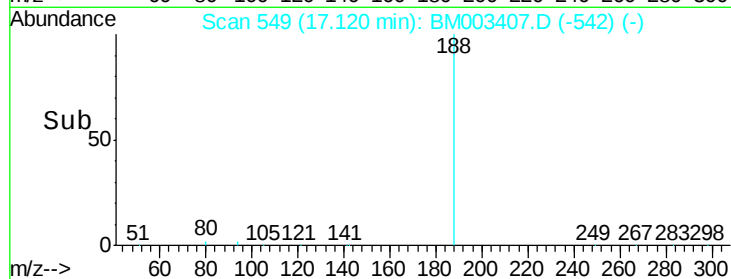
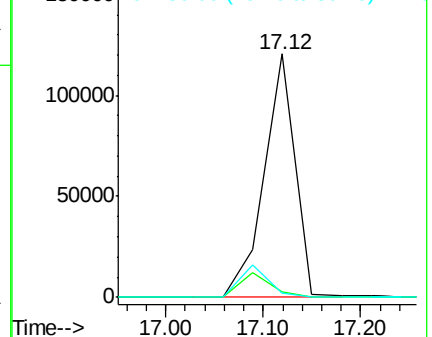
80 1.8 2.5 3.7#



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: 1.06 ng

RT: 15.50 min Scan# 500

Delta R.T. 0.00 min

Lab File: BM003407.D

Acq: 07 Dec 2015 14:48

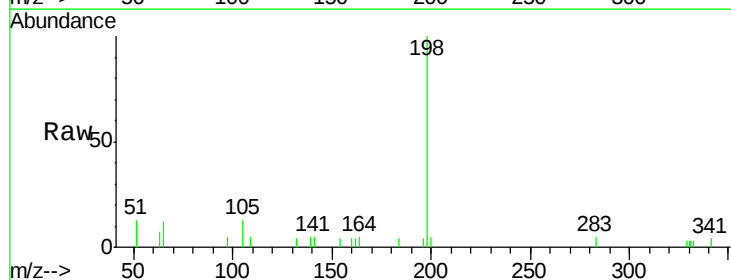
Tgt Ion:198 Resp: 3439

Ion Ratio Lower Upper

198 100

51 12.7 60.8 100.8#

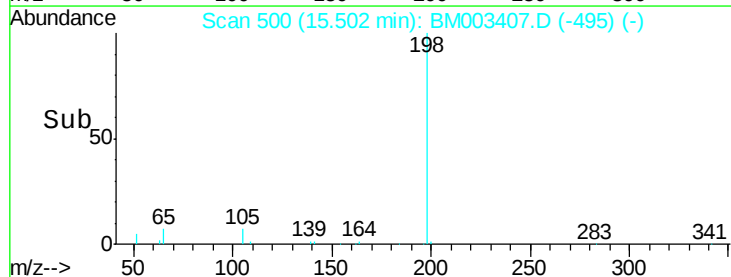
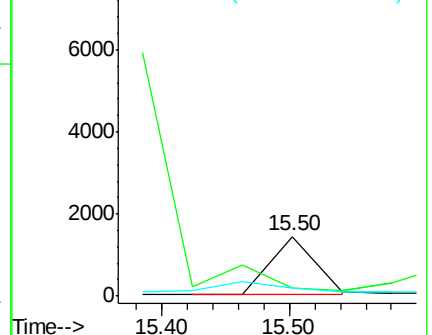
105 12.8 30.0 70.0#

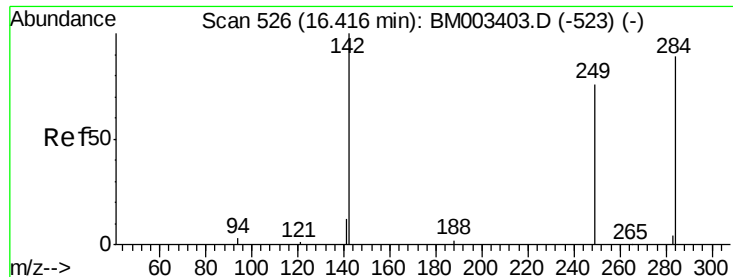


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E





#29

Hexachlorobenzene

Concen: 0.86 ng

RT: 16.42 min Scan# 526

Delta R.T. 0.00 min

Lab File: BM003407.D

Acq: 07 Dec 2015 14:48

Instrument :

BNA_M

ClientSampled :

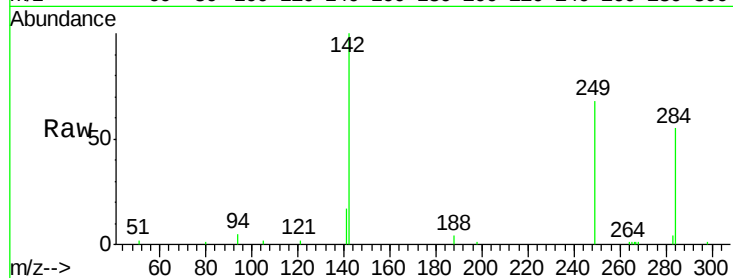
Tot Ion:284 Resp: 9754

Ion Ratio Lower Upper

284 100

142 97.9 23.3 34.9#

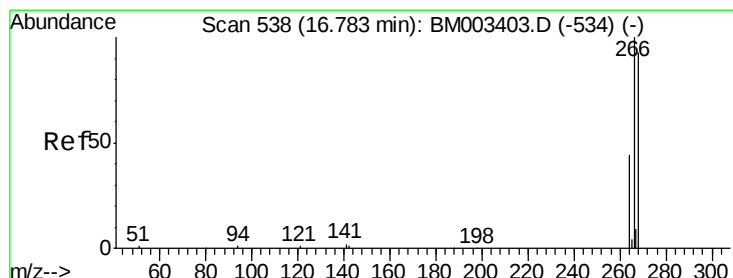
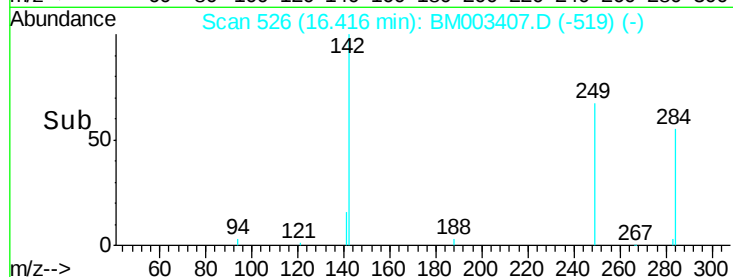
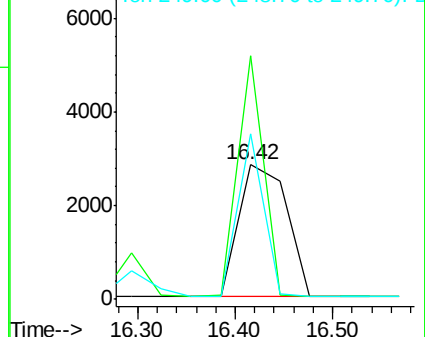
249 66.5 23.3 34.9#



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: 0.85 ng

RT: 16.78 min Scan# 538

Delta R.T. 0.00 min

Lab File: BM003407.D

Acq: 07 Dec 2015 14:48

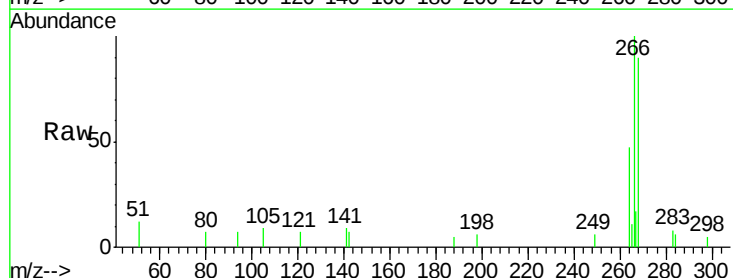
Tgt Ion:266 Resp: 2633

Ion Ratio Lower Upper

266 100

268 90.4 62.6 94.0

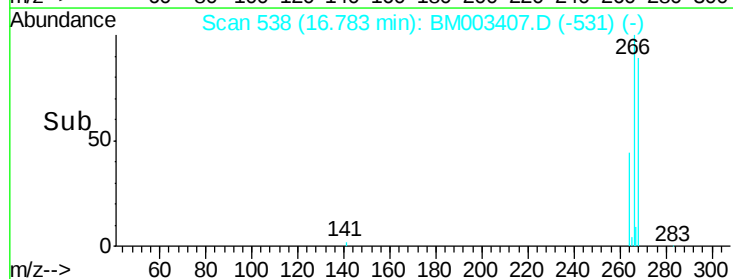
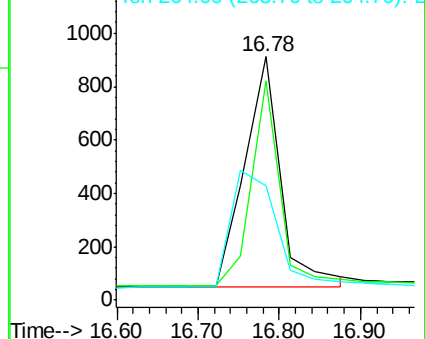
264 47.0 47.9 71.9#

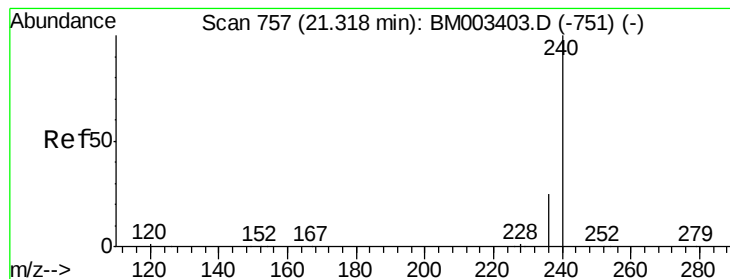


Abundance Ion 265.70 (265.40 to 266.40): E

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: BM003407.D

Acq: 07 Dec 2015 14:48

Instrument :

BNA_M

ClientSampleId :

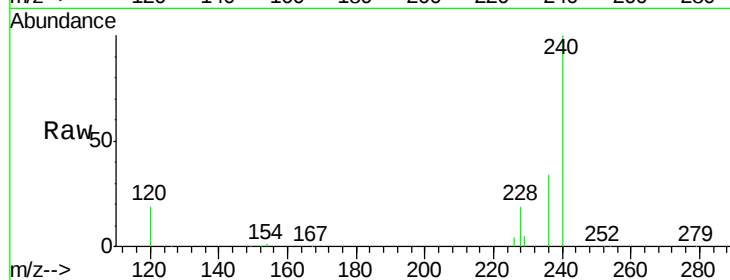
Tot Ion:240 Resp: 210129

Ion Ratio Lower Upper

240 100

120 19.4 10.4 15.6#

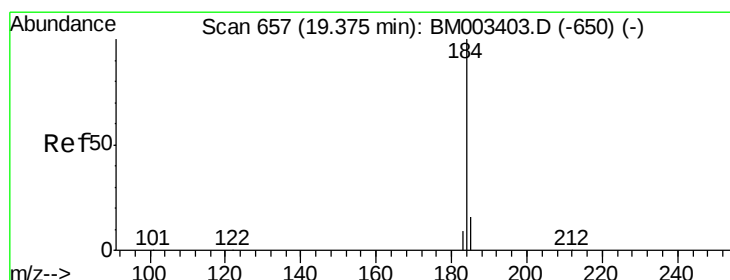
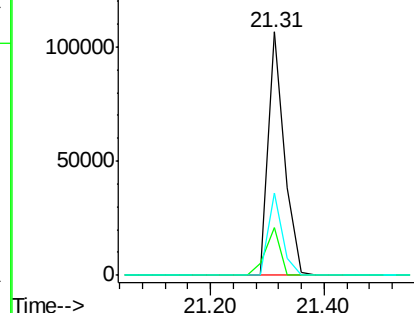
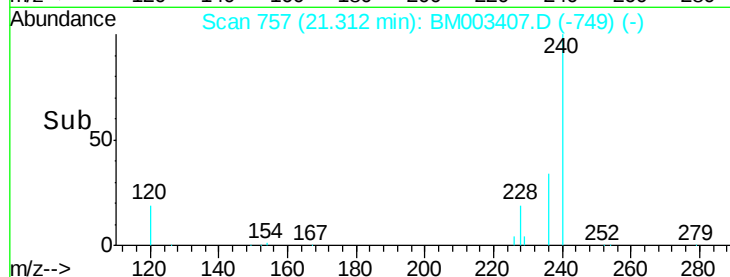
236 34.1 22.0 33.0#



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: 1.15 ng

RT: 19.38 min Scan# 657

Delta R.T. 0.00 min

Lab File: BM003407.D

Acq: 07 Dec 2015 14:48

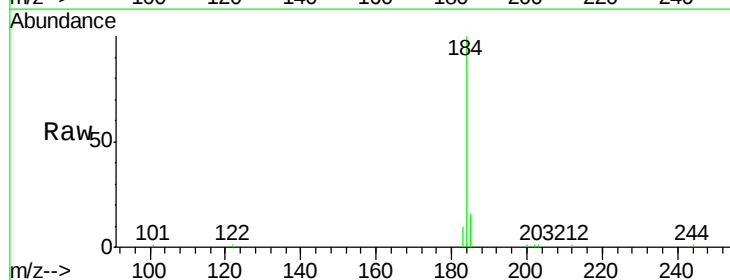
Tgt Ion:184 Resp: 15945

Ion Ratio Lower Upper

184 100

185 15.8 11.6 17.4

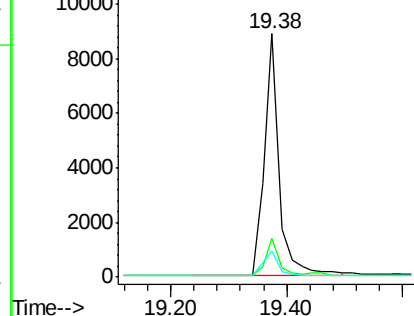
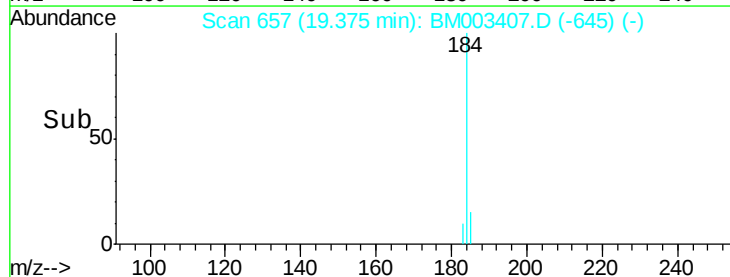
183 10.5 8.6 13.0

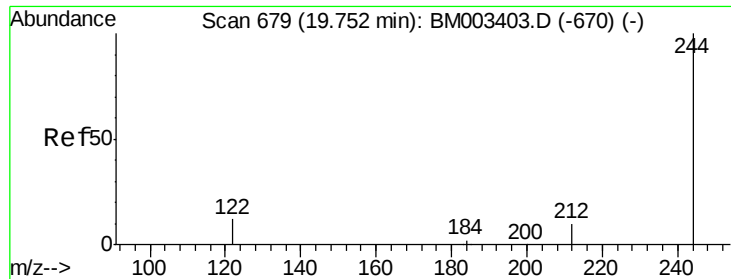


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

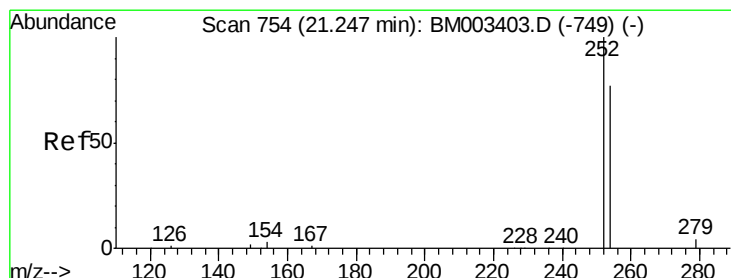
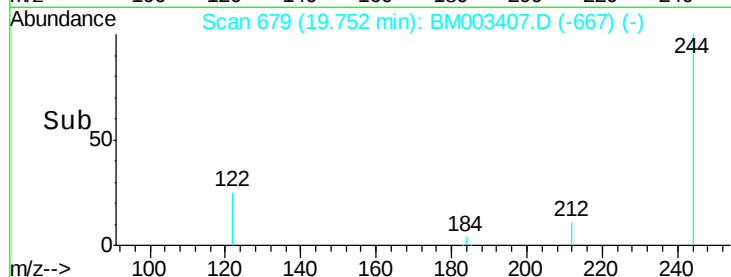
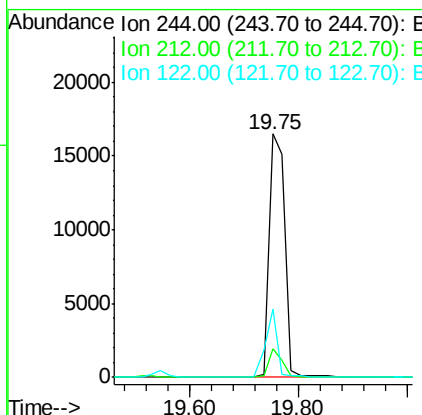
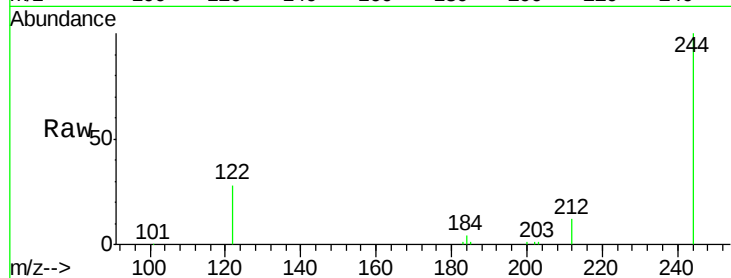




#33
 Terphenyl-d14
 Concen: 1.17 ng
 RT: 19.75 min Scan# 679
 Delta R.T. 0.00 min
 Lab File: BM003407.D
 Acq: 07 Dec 2015 14:48

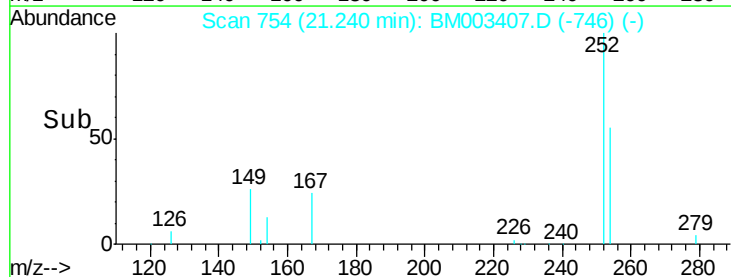
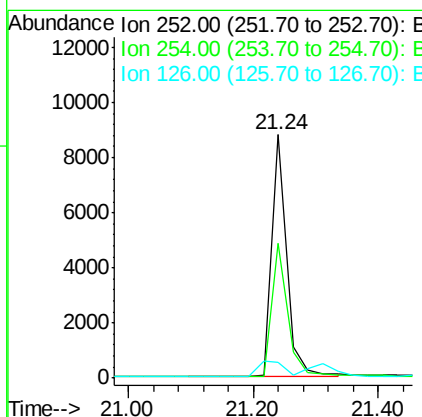
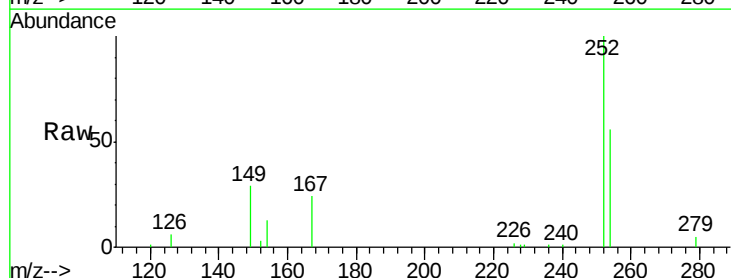
Instrument :
 BNA_M
 ClientSampleId :

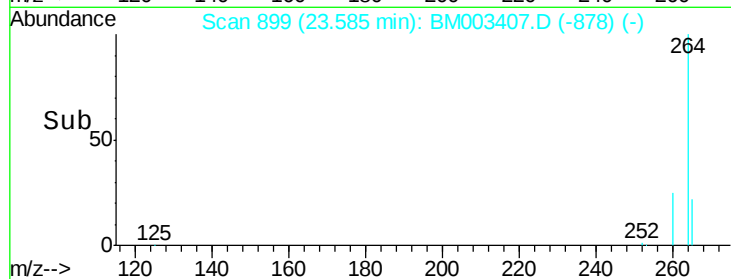
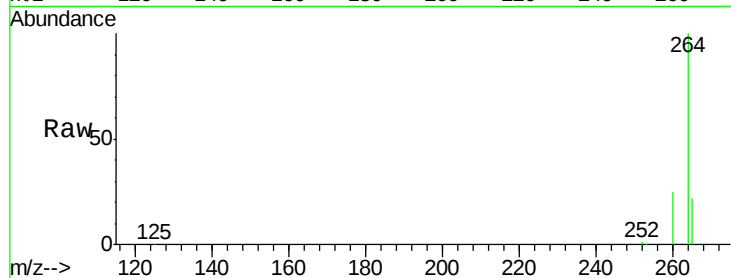
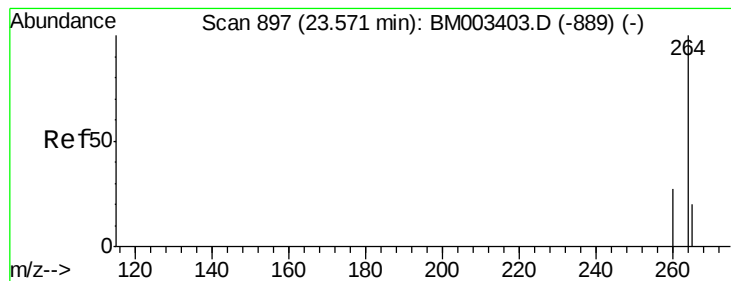
Tot Ion:244 Resp: 33385
 Ion Ratio Lower Upper
 244 100
 212 9.6 7.3 10.9
 122 20.2 14.8 22.2



#34
 3,3'-Dichlorobenzidine
 Concen: 0.97 ng
 RT: 21.24 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BM003407.D
 Acq: 07 Dec 2015 14:48

Tgt Ion:252 Resp: 14611
 Ion Ratio Lower Upper
 252 100
 254 55.5 53.7 80.5
 126 6.3 2.8 4.2#





#35
 Pervlene-d12
 Concen: 5.00 ng
 RT: 23.59 min Scan# 899
 Delta R.T. 0.01 min
 Lab File: BM003407.D
 Acq: 07 Dec 2015 14:48

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:264 Resp: 194645
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.7 29.5
 265 22.0 17.4 26.2

