

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101315\
 Data File : BM002895.D
 Acq On : 13 Oct 2015 20:23
 Operator : UM/IZ
 Sample : SSTDICCC001
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICCC001

Quant Time: Oct 14 11:06:23 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SIM-ACID-BM0101315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 14 11:02:53 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.66	152	91833	5.00	ng	-0.01
8) Naphthalene-d8	11.50	136	385860	5.00	ng	-0.01
14) Acenaphthene-d10	15.25	164	203704	5.00	ng	0.00
21) Phenanthrene-d10	17.95	188	455898	5.00	ng	-0.02
24) Chrysene-d12	22.04	240	427990	5.00	ng	-0.02
26) Perylene-d12	24.61	264	399004	5.00	ng	-0.02

System Monitoring Compounds						
2) 2-Fluorophenol	6.13	112	17798	1.19	ng	-0.08
3) Phenol-d6	7.79	99	23851	1.18	ng	-0.08
9) Nitrobenzene-d5	9.86	82	21243	0.97	ng	-0.06
15) 2,4,6-Tribromophenol	16.71	330	7139	0.84	ng	0.00
18) 2-Fluorobiphenyl	13.87	172	66161	1.04	ng	-0.03
25) Terphenyl-d14	20.48	244	63148	1.12	ng	-0.02

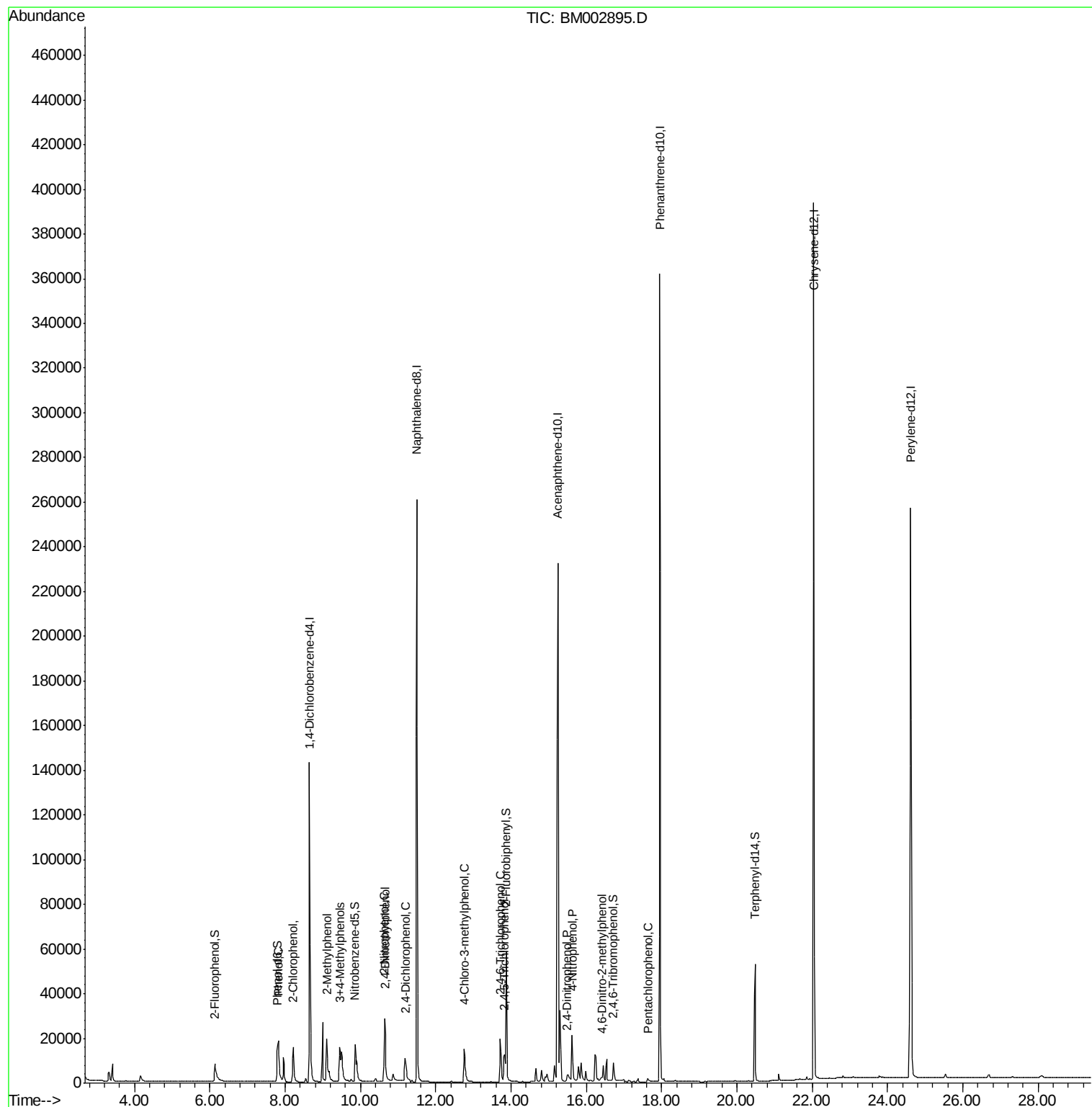
Target Compounds						Qvalue
4) 2-Chlorophenol	8.21	128	23061	1.77	ng	# 72
5) Phenol	7.82	94	24337	1.20	ng	87
6) 2-Methylphenol	9.11	107	18422	1.72	ng	# 89
7) 3+4-Methylphenols	9.45	107	23080	1.65	ng	# 35
10) 2-Nitrophenol	10.64	139	9358	1.08	ng	# 67
11) 2,4-Dimethylphenol	10.66	122	20787	1.12	ng	96
12) 2,4-Dichlorophenol	11.19	162	17096	0.90	ng	89
13) 4-Chloro-3-methylphenol	12.76	107	21661	1.10	ng	# 72
16) 2,4,6-Trichlorophenol	13.72	196	12950	0.87	ng	# 76
17) 2,4,5-Trichlorophenol	13.83	196	14175	0.84	ng	# 93
19) 2,4-Dinitrophenol	15.49	184	261	0.08	ng	# 1
20) 4-Nitrophenol	15.63	139	33114	5.29	ng	# 6
22) 4,6-Dinitro-2-methylphenol	16.40	198	2680	0.28	ng	# 74
23) Pentachlorophenol	17.63	266	2637	0.32	ng	94

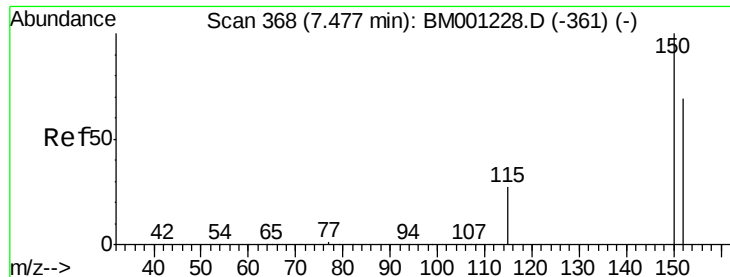
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.66 min Scan# 408

Delta R.T. -0.01 min

Lab File: BM002895.D

Acq: 13 Oct 2015 20:23

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001

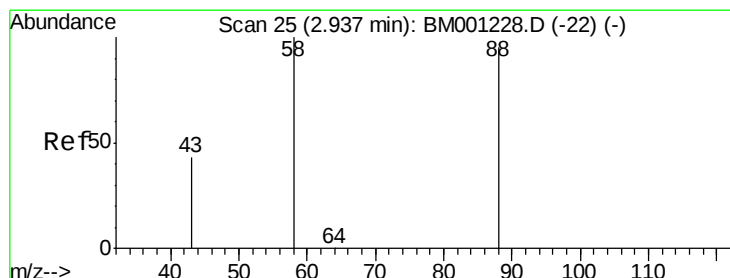
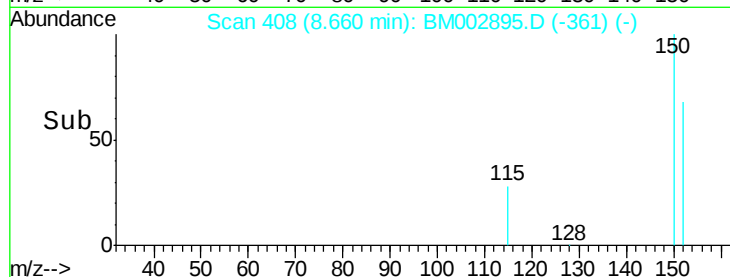
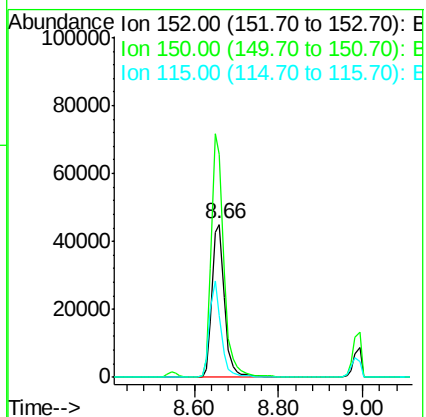
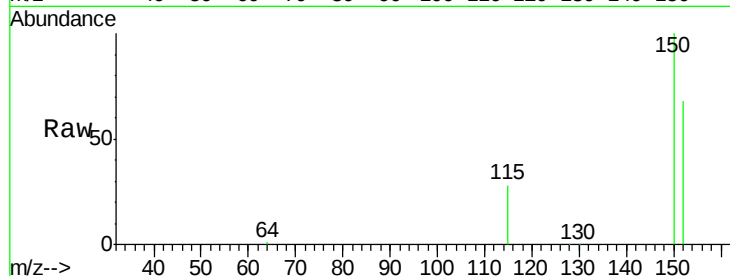
Tot Ion:152 Resp: 91833

Ion Ratio Lower Upper

152 100

150 146.2 116.3 174.5

115 40.8 31.9 47.9



#2

2-Fluorophenol

Concen: 1.19 ng

RT: 6.13 min Scan# 224

Delta R.T. -0.08 min

Lab File: BM002895.D

Acq: 13 Oct 2015 20:23

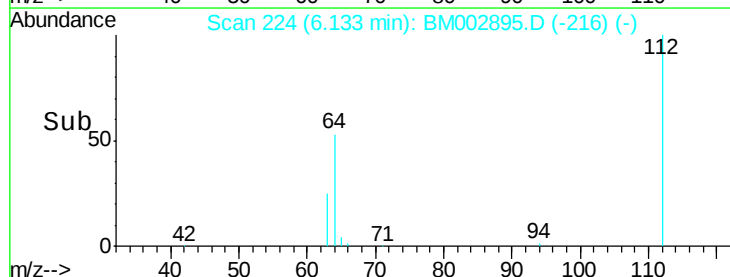
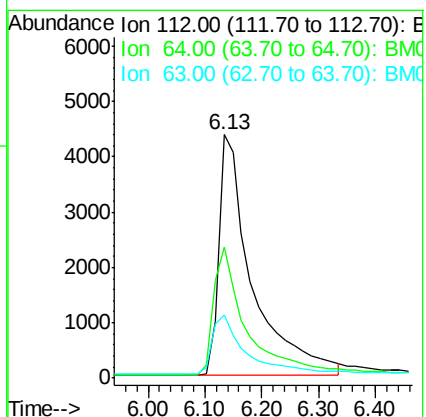
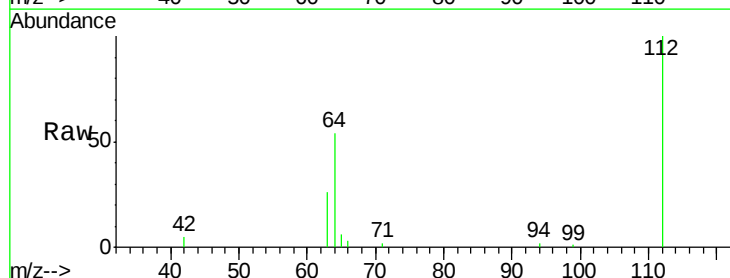
Tgt Ion:112 Resp: 17798

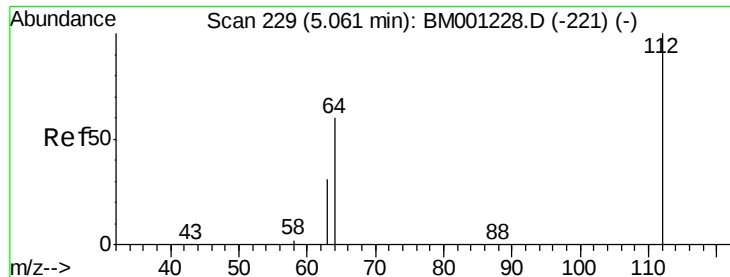
Ion Ratio Lower Upper

112 100

64 53.8 49.3 73.9

63 26.0 26.2 39.4#





#3

Phenol-d6

Concen: 1.18 ng

RT: 7.79 min Scan# 331

Delta R.T. -0.08 min

Lab File: BM002895.D

Acq: 13 Oct 2015 20:23

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001

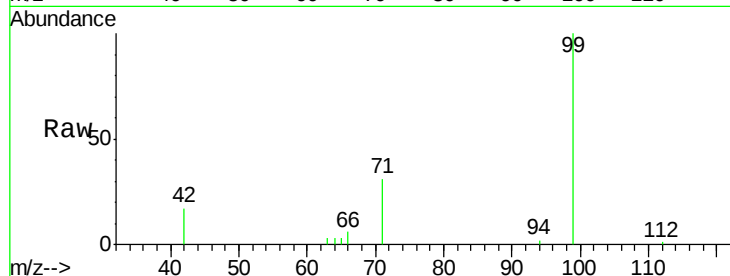
Tot Ion: 99 Resp: 23851

Ion Ratio Lower Upper

99 100

42 17.3 12.1 18.1

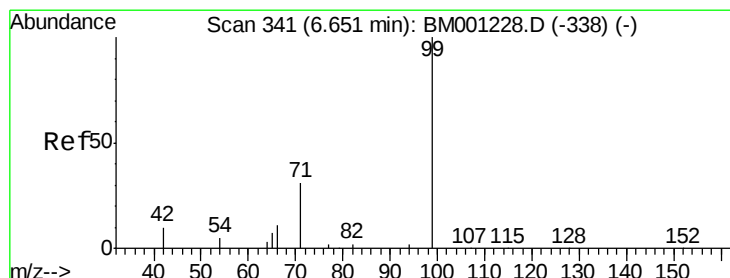
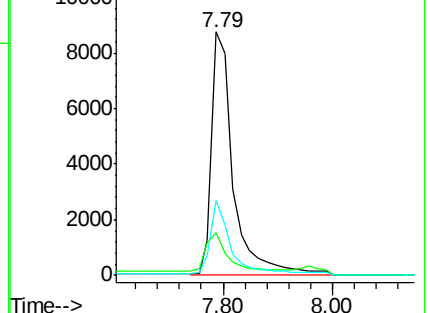
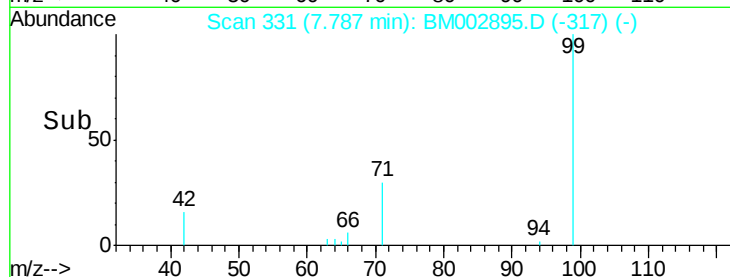
71 30.8 26.4 39.6



Abundance Ion 99.00 (98.70 to 99.70): BM002895.D (-317) (-)

Ion 42.00 (41.70 to 42.70): BM002895.D (-317) (-)

Ion 71.00 (70.70 to 71.70): BM002895.D (-317) (-)



#4

2-Chlorophenol

Concen: 1.77 ng

RT: 8.21 min Scan# 365

Delta R.T. -0.04 min

Lab File: BM002895.D

Acq: 13 Oct 2015 20:23

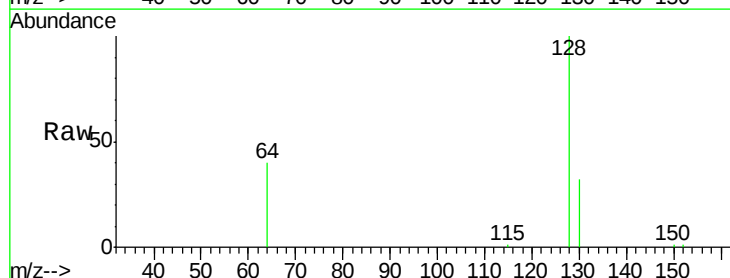
Tgt Ion: 128 Resp: 23061

Ion Ratio Lower Upper

128 100

130 32.0 22.2 62.2

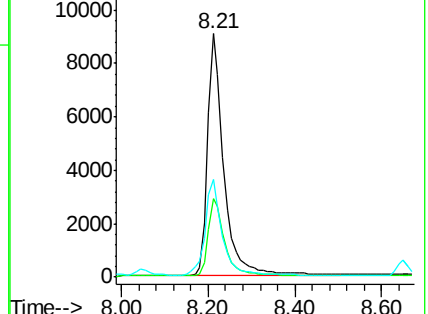
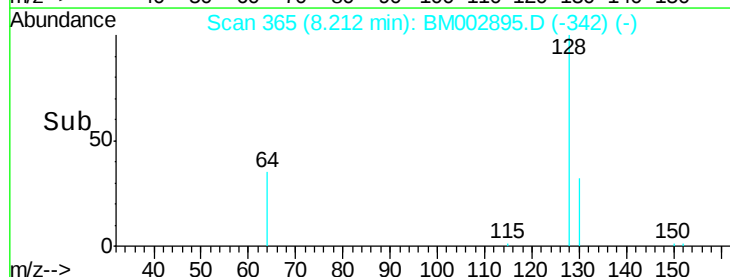
64 40.2 0.0 28.7#

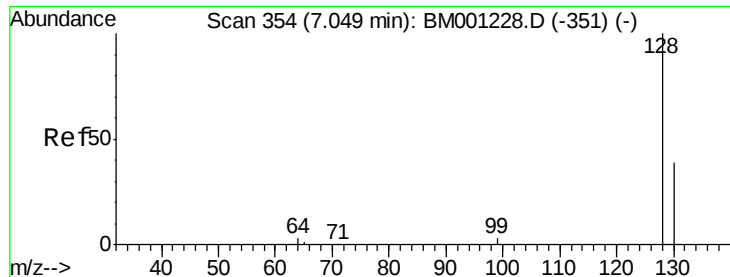


Abundance Ion 128.00 (127.70 to 128.70): BM002895.D (-342) (-)

Ion 130.00 (129.70 to 130.70): BM002895.D (-342) (-)

Ion 64.00 (63.70 to 64.70): BM002895.D (-342) (-)





#5

Phenol

Concen: 1.20 ng

RT: 7.82 min Scan# 333

Delta R.T. -0.06 min

Lab File: BM002895.D

Acq: 13 Oct 2015 20:23

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001

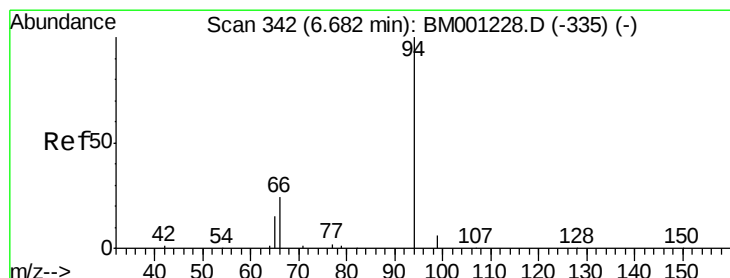
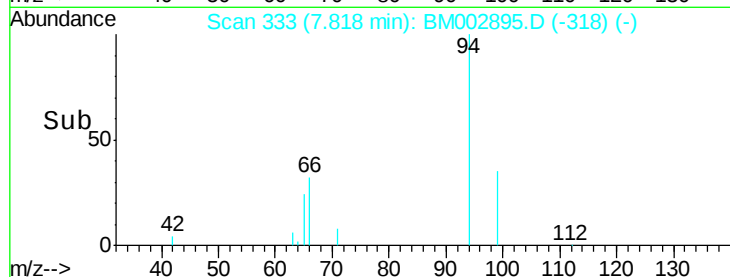
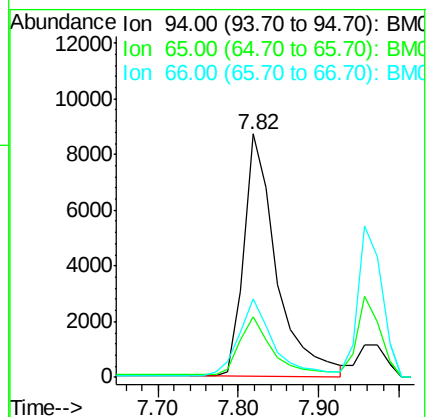
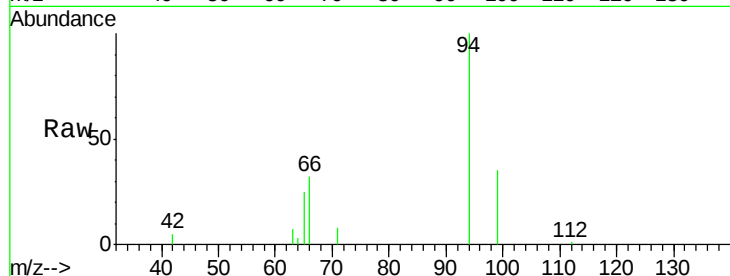
Tot Ion: 94 Resp: 24337

Ion Ratio Lower Upper

94 100

65 24.7 0.0 37.7

66 32.3 6.3 46.3



#6

2-Methylphenol

Concen: 1.72 ng

RT: 9.11 min Scan# 450

Delta R.T. -0.06 min

Lab File: BM002895.D

Acq: 13 Oct 2015 20:23

Tgt Ion: 107 Resp: 18422

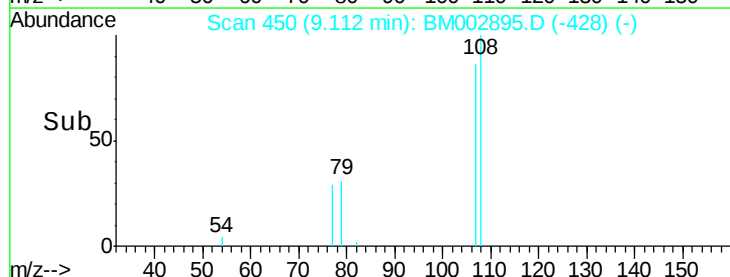
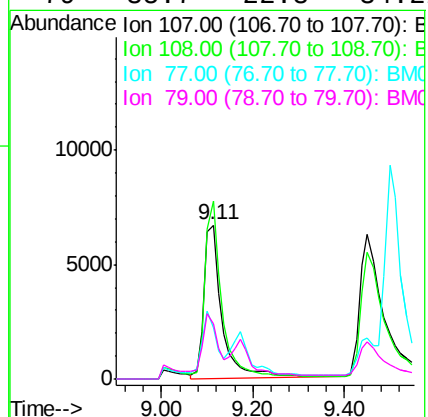
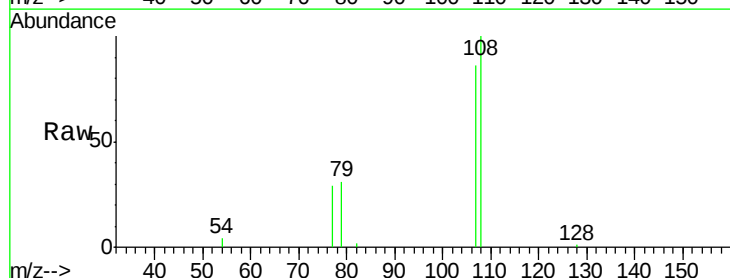
Ion Ratio Lower Upper

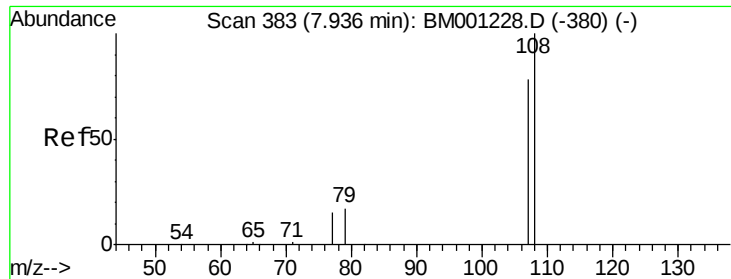
107 100

108 115.7 100.9 151.3

77 33.4 20.3 30.5#

79 35.7 22.8 34.2#





#7

3+4-Methylphenols

Concen: 1.65 ng

RT: 9.45 min Scan# 478

Delta R.T. -0.10 min

Lab File: BM002895.D

Acq: 13 Oct 2015 20:23

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001

Tot Ion:107 Resp: 23080

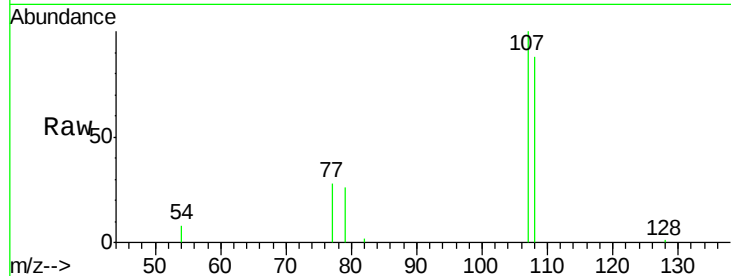
Ion Ratio Lower Upper

107 100

108 87.8 86.3 126.3

77 28.4 151.7 191.7#

79 25.7 7.4 47.4

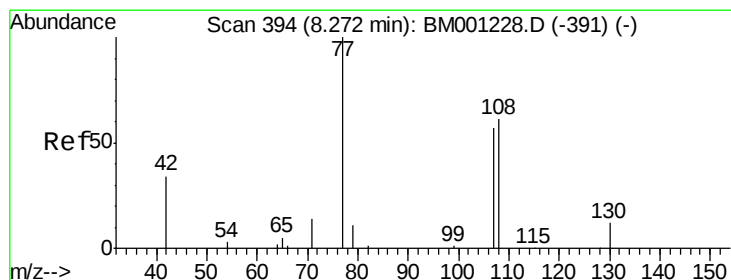
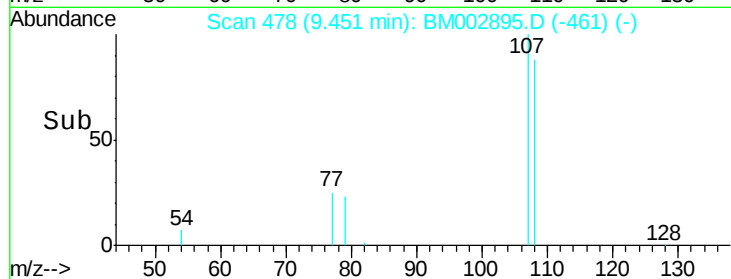
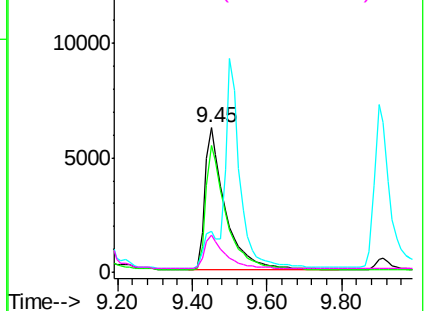


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#8

Naphthalene-d8

Concen: 5.00 ng

RT: 11.50 min Scan# 612

Delta R.T. -0.01 min

Lab File: BM002895.D

Acq: 13 Oct 2015 20:23

Tgt Ion:136 Resp: 385860

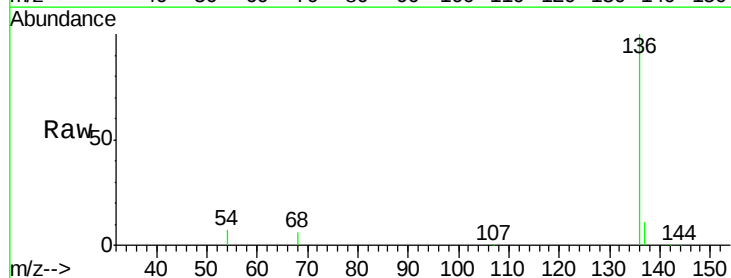
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 7.1 2.6 3.8#

68 6.0 2.2 3.2#

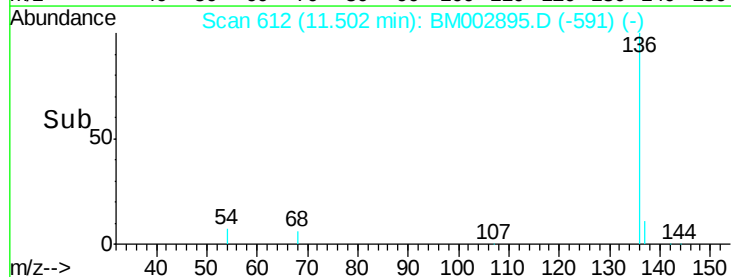
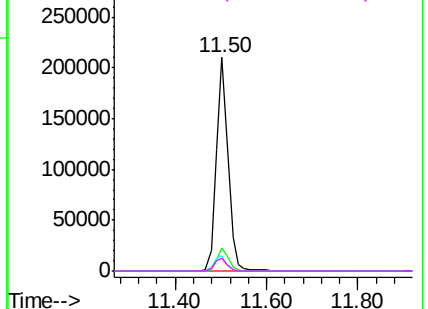


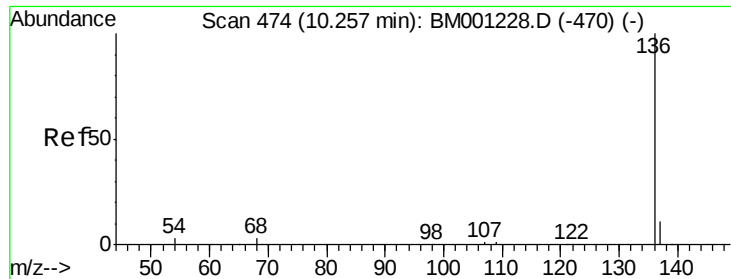
Abundance Ion 136.00 (135.70 to 136.70): E

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





#9

Nitrobenzene-d5

Concen: 0.97 ng

RT: 9.86 min Scan# 512

Delta R.T. -0.06 min

Lab File: BM002895.D

Acq: 13 Oct 2015 20:23

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001

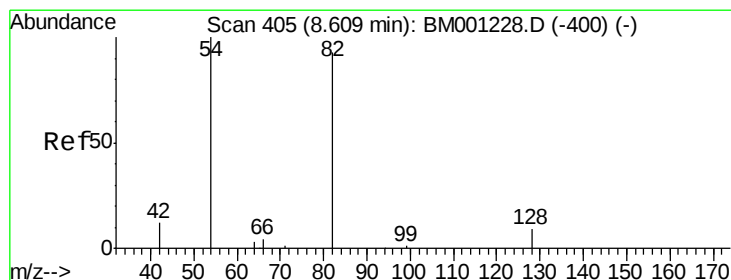
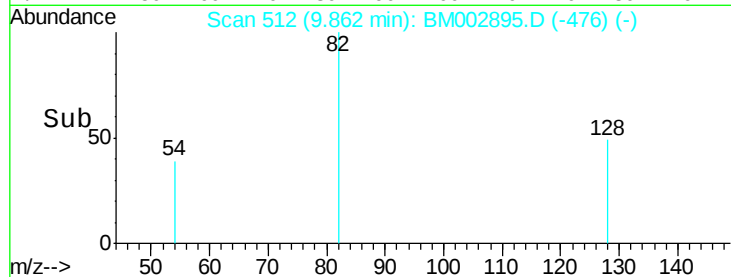
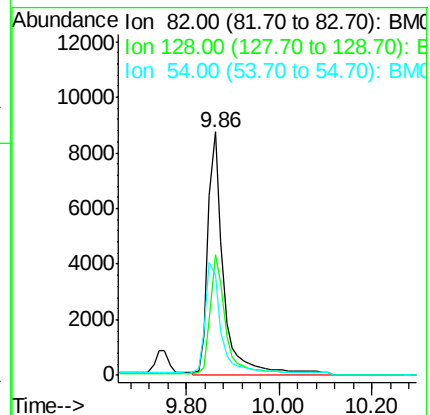
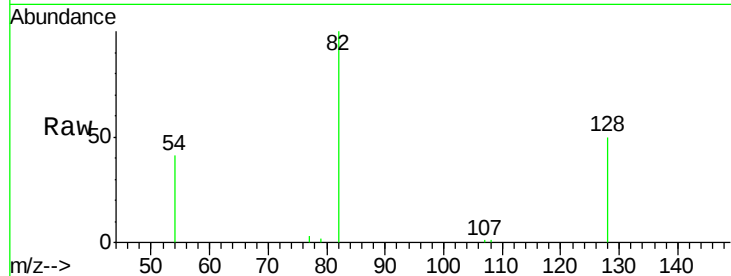
Tot Ion: 82 Resp: 21243

Ion Ratio Lower Upper

82 100

128 52.2 0.0 0.0#

54 51.9 59.0 88.6#



#10

2-Nitrophenol

Concen: 1.08 ng

RT: 10.64 min Scan# 561

Delta R.T. -0.06 min

Lab File: BM002895.D

Acq: 13 Oct 2015 20:23

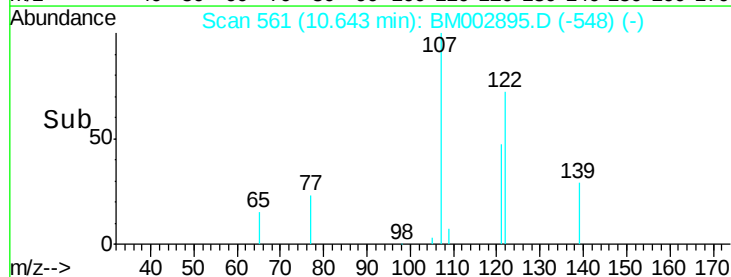
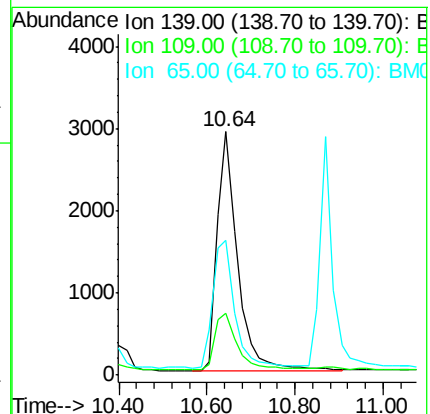
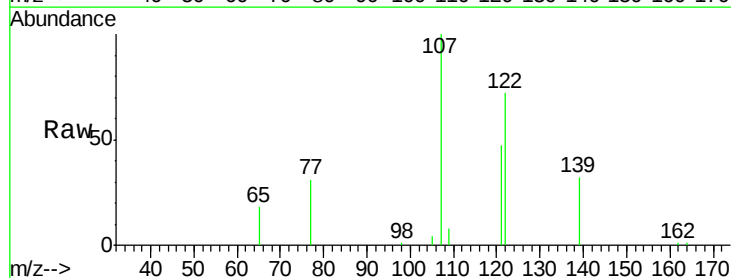
Tgt Ion: 139 Resp: 9358

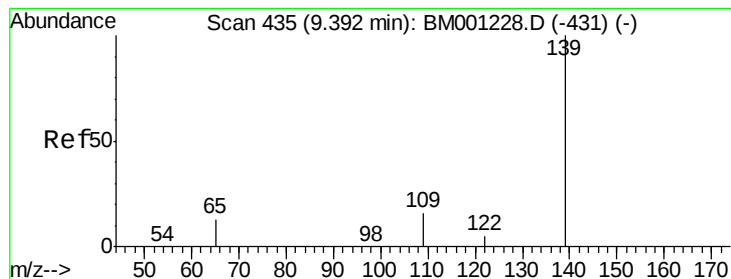
Ion Ratio Lower Upper

139 100

109 25.2 19.5 29.3

65 55.5 18.6 28.0#

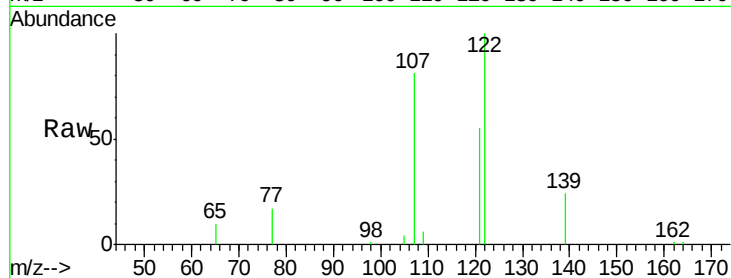




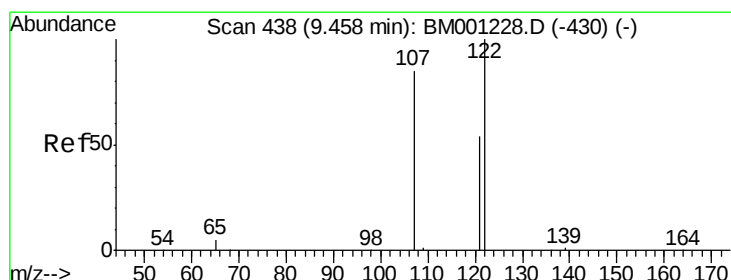
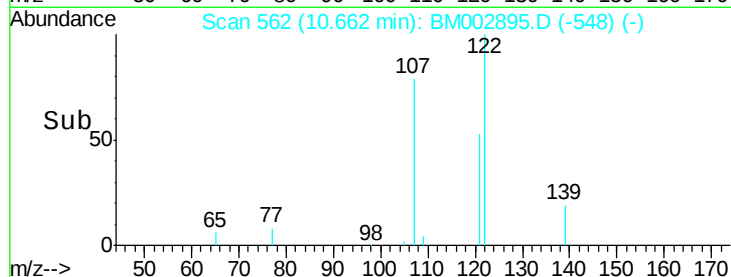
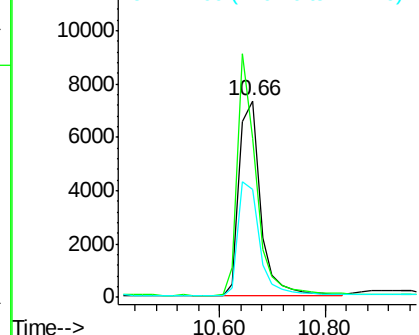
#11
2,4-Dimethylphenol
Concen: 1.12 ng
RT: 10.66 min Scan# 562
Delta R.T. -0.04 min
Lab File: BM002895.D
Acq: 13 Oct 2015 20:23

Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

Tot Ion:122 Resp: 20787
Ion Ratio Lower Upper
122 100
107 80.6 68.6 102.8
121 54.5 44.8 67.2

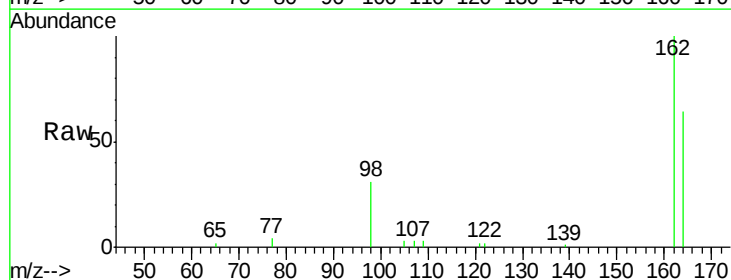


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

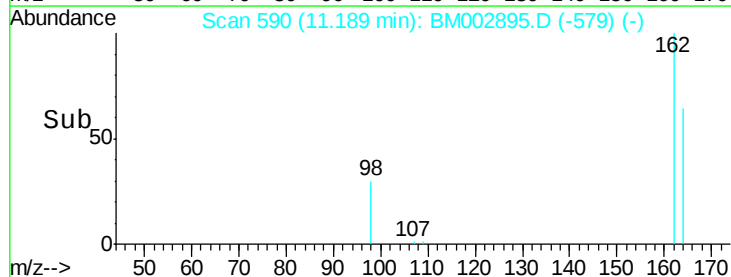
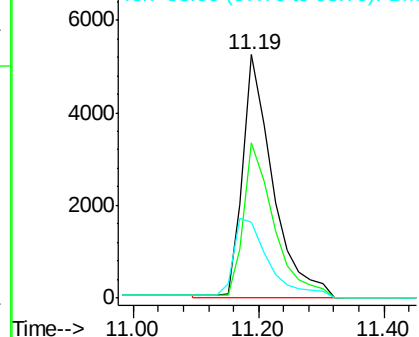


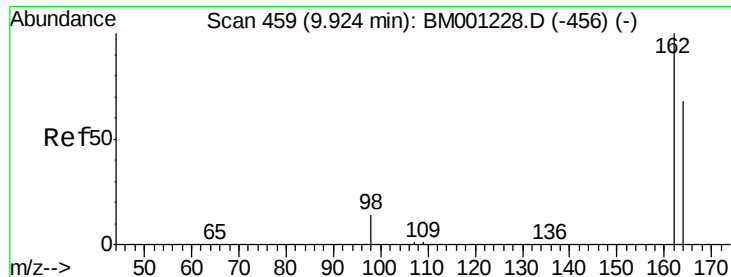
#12
2,4-Dichlorophenol
Concen: 0.90 ng
RT: 11.19 min Scan# 590
Delta R.T. -0.09 min
Lab File: BM002895.D
Acq: 13 Oct 2015 20:23

Tgt Ion:162 Resp: 17096
Ion Ratio Lower Upper
162 100
164 63.9 49.2 89.2
98 31.1 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

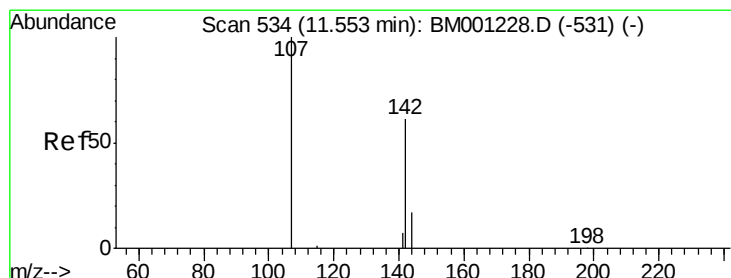
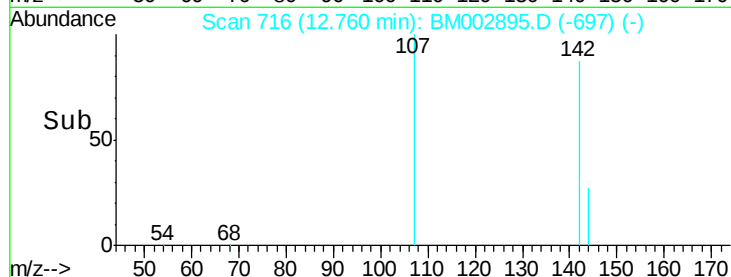
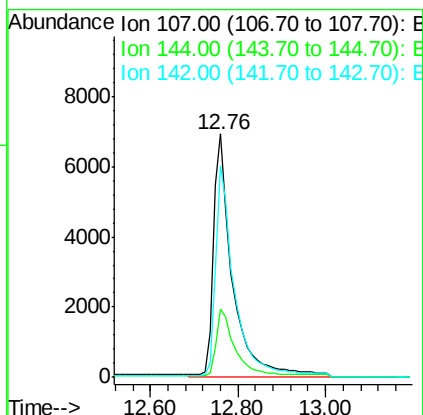
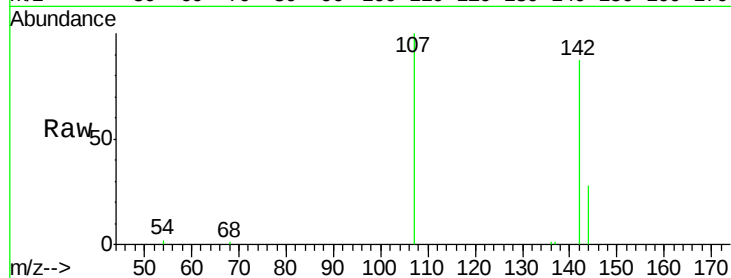




#13
 4-Chloro-3-methylphenol
 Concen: 1.10 ng
 RT: 12.76 min Scan# 716
 Delta R.T. -0.07 min
 Lab File: BM002895.D
 Acq: 13 Oct 2015 20:23

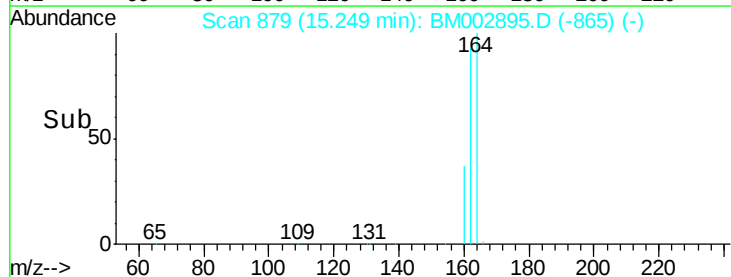
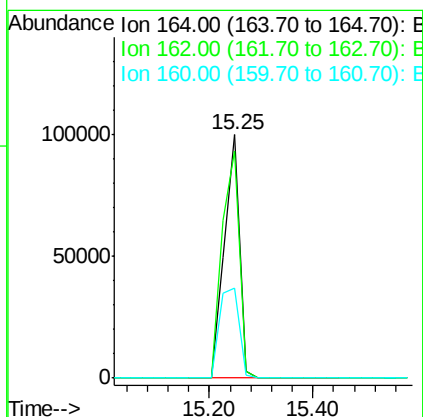
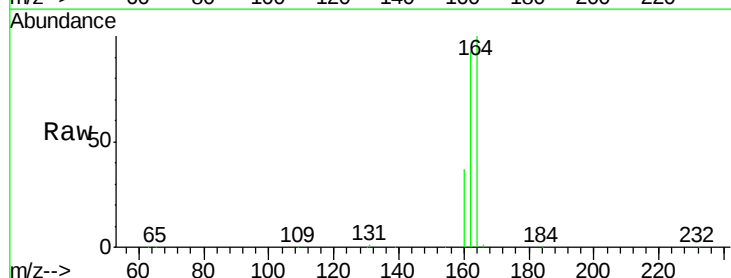
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC001

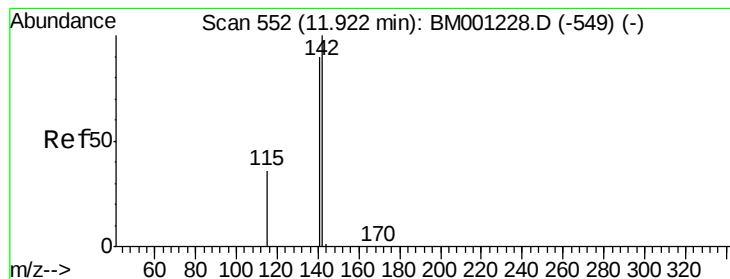
Tot Ion:107 Resp: 21661
 Ion Ratio Lower Upper
 107 100
 144 27.8 16.2 24.2#
 142 87.1 49.8 74.6#



#14
 Acenaphthene-d10
 Concen: 5.00 ng
 RT: 15.25 min Scan# 879
 Delta R.T. 0.00 min
 Lab File: BM002895.D
 Acq: 13 Oct 2015 20:23

Tgt Ion:164 Resp: 203704
 Ion Ratio Lower Upper
 164 100
 162 93.0 79.2 118.8
 160 36.8 33.7 50.5





#15

2,4,6-Tribromophenol

Concen: 0.84 ng

RT: 16.71 min Scan# 945

Delta R.T. -0.01 min

Lab File: BM002895.D

Acq: 13 Oct 2015 20:23

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001

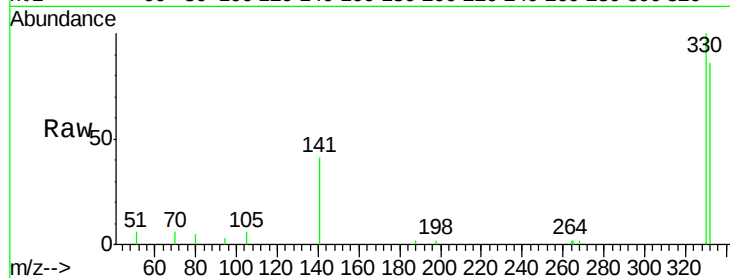
Tot Ion:330 Resp: 7139

Ion Ratio Lower Upper

330 100

332 94.4 74.0 111.0

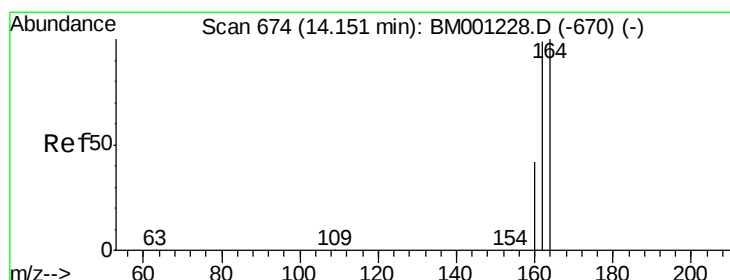
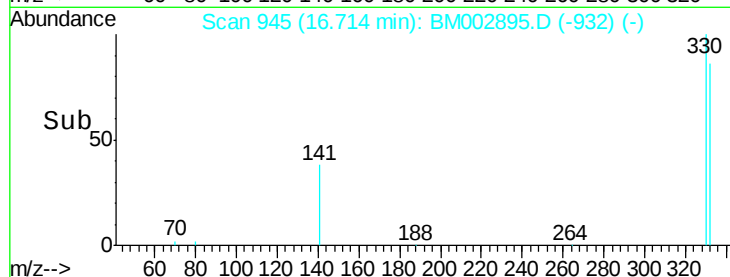
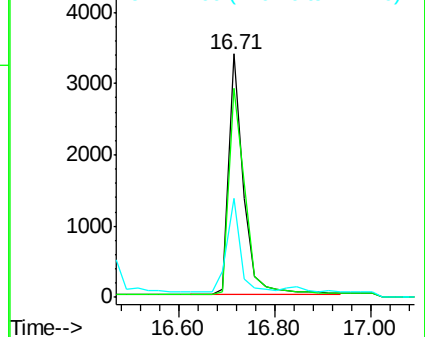
141 34.9 24.1 36.1



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



#16

2,4,6-Trichlorophenol

Concen: 0.87 ng

RT: 13.72 min Scan# 788

Delta R.T. -0.04 min

Lab File: BM002895.D

Acq: 13 Oct 2015 20:23

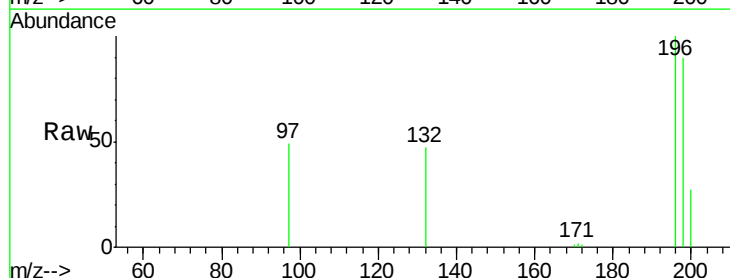
Tgt Ion:196 Resp: 12950

Ion Ratio Lower Upper

196 100

198 90.0 54.2 81.2#

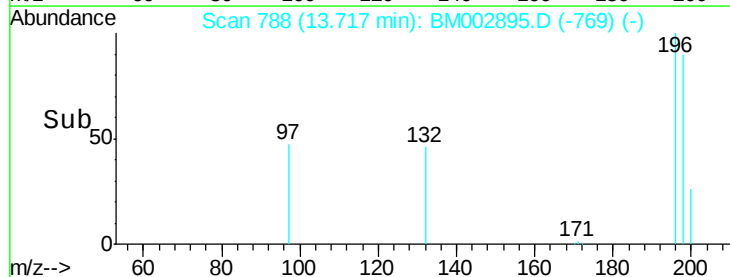
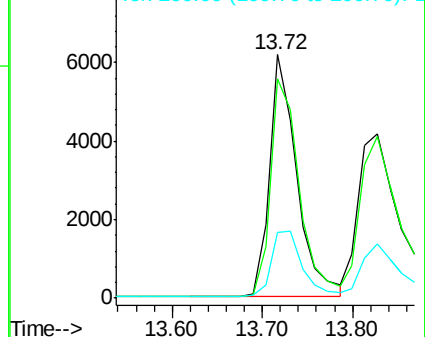
200 27.0 17.1 25.7#

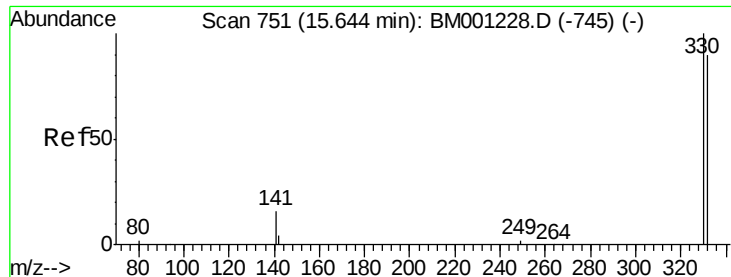


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

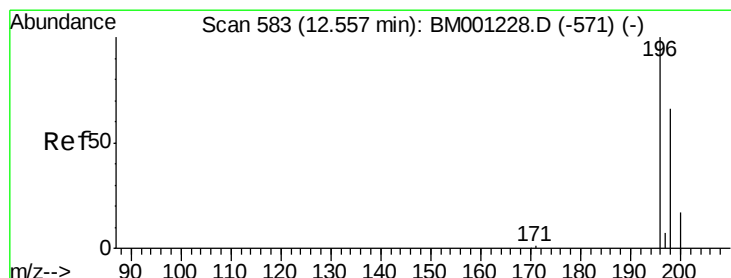
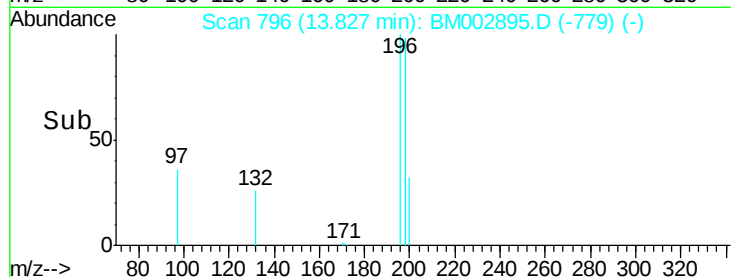
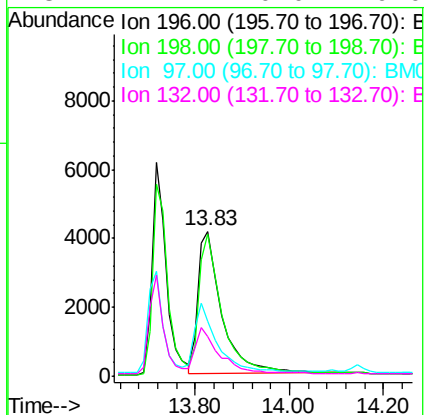
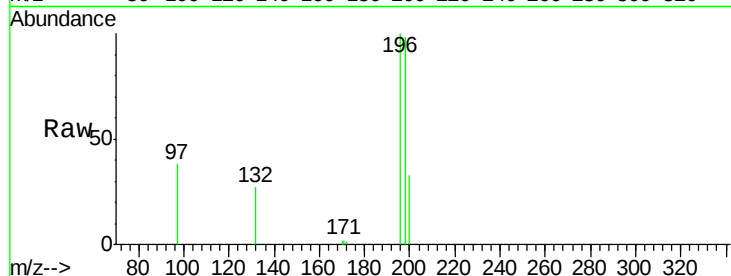




#17
 2,4,5-Trichlorophenol
 Concen: 0.84 ng
 RT: 13.83 min Scan# 796
 Delta R.T. -0.07 min
 Lab File: BM002895.D
 Acq: 13 Oct 2015 20:23

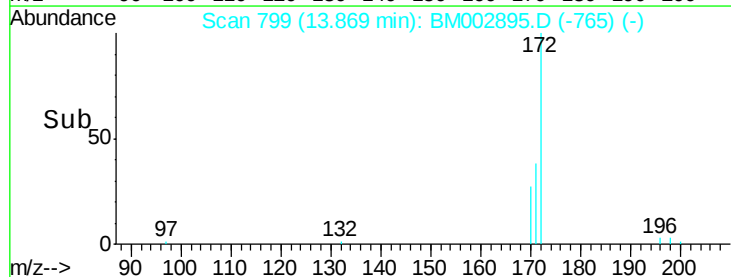
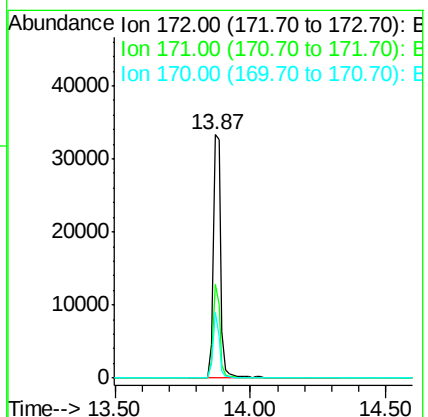
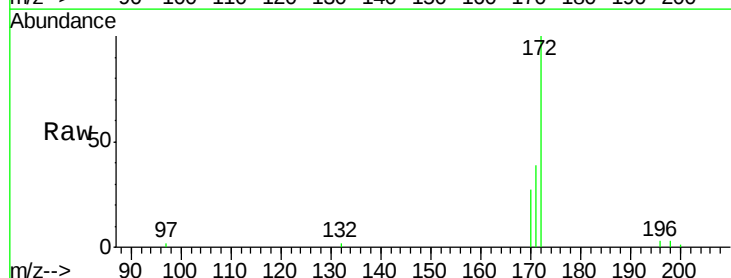
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC001

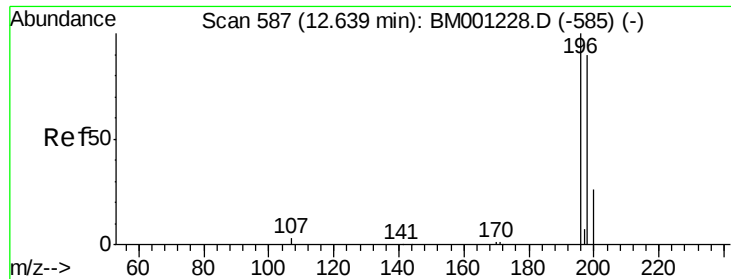
Tot Ion:196 Resp: 14175
 Ion Ratio Lower Upper
 196 100
 198 98.4 73.6 110.4
 97 38.0 0.0 0.0#
 132 27.2 0.0 0.0#



#18
 2-Fluorobiphenyl
 Concen: 1.04 ng
 RT: 13.87 min Scan# 799
 Delta R.T. -0.03 min
 Lab File: BM002895.D
 Acq: 13 Oct 2015 20:23

Tgt Ion:172 Resp: 66161
 Ion Ratio Lower Upper
 172 100
 171 34.8 0.0 0.0#
 170 22.7 0.0 0.0#

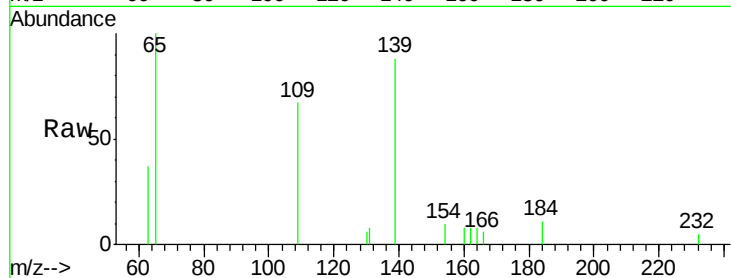




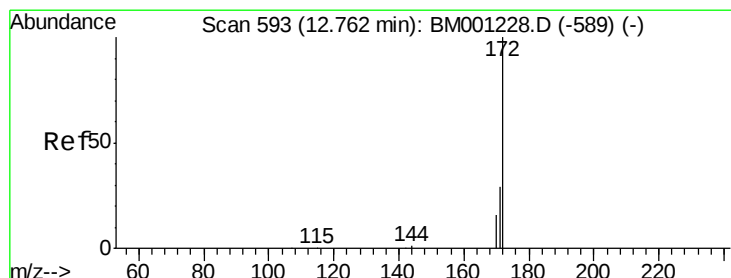
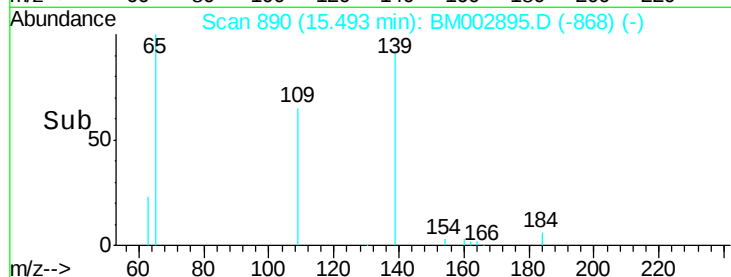
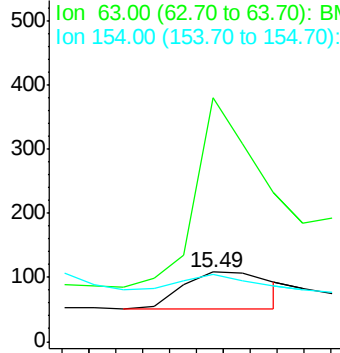
#19
2,4-Dinitrophenol
Concen: 0.08 ng
RT: 15.49 min Scan# 890
Delta R.T. 0.18 min
Lab File: BM002895.D
Acq: 13 Oct 2015 20:23

Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

Tot Ion:184 Resp: 261
Ion Ratio Lower Upper
184 100
63 350.9 52.0 78.0#
154 96.3 51.4 77.2#

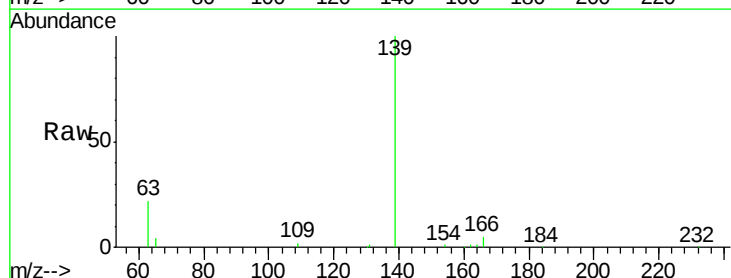


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BM0
Ion 154.00 (153.70 to 154.70): E

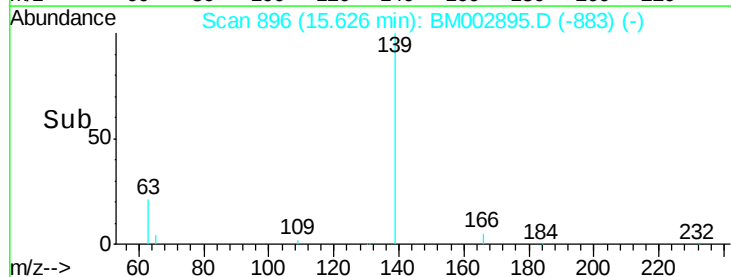
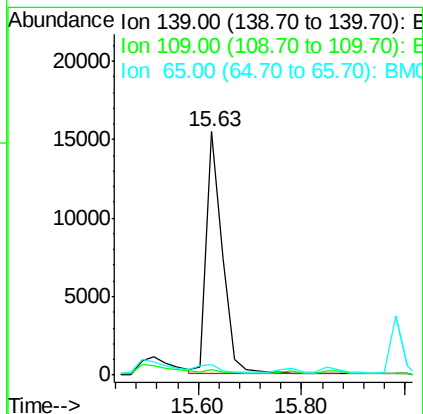


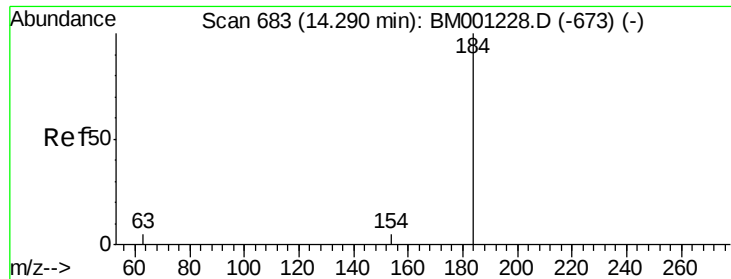
#20
4-Nitrophenol
Concen: 5.29 ng
RT: 15.63 min Scan# 896
Delta R.T. -0.02 min
Lab File: BM002895.D
Acq: 13 Oct 2015 20:23

Tgt Ion:139 Resp: 33114
Ion Ratio Lower Upper
139 100
109 2.1 60.0 100.0#
65 4.4 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





#21

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.95 min Scan# 1026

Delta R.T. -0.02 min

Lab File: BM002895.D

Acq: 13 Oct 2015 20:23

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001

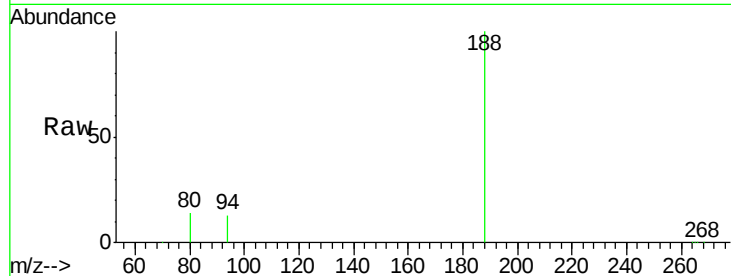
Tot Ion:188 Resp: 455898

Ion Ratio Lower Upper

188 100

94 12.7 2.9 4.3#

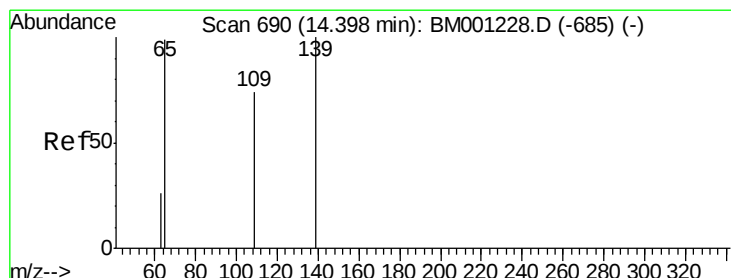
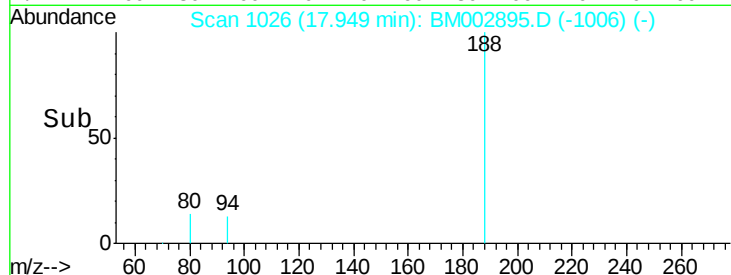
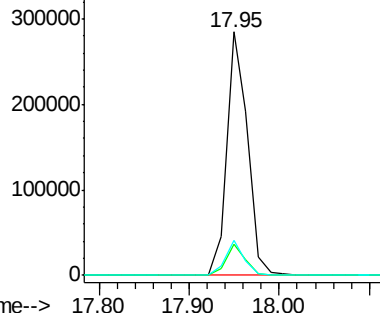
80 14.2 2.5 3.7#



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



#22

4,6-Dinitro-2-methylphenol

Concen: 0.28 ng

RT: 16.40 min Scan# 931

Delta R.T. 0.04 min

Lab File: BM002895.D

Acq: 13 Oct 2015 20:23

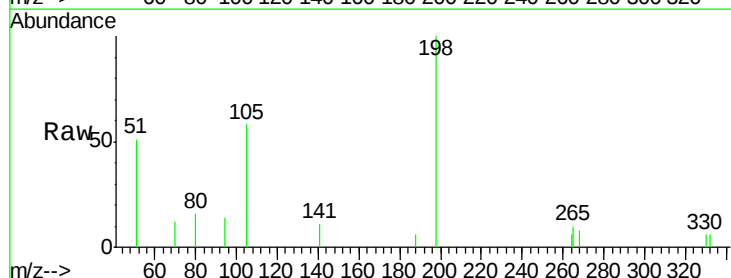
Tgt Ion:198 Resp: 2680

Ion Ratio Lower Upper

198 100

51 50.9 60.8 100.8#

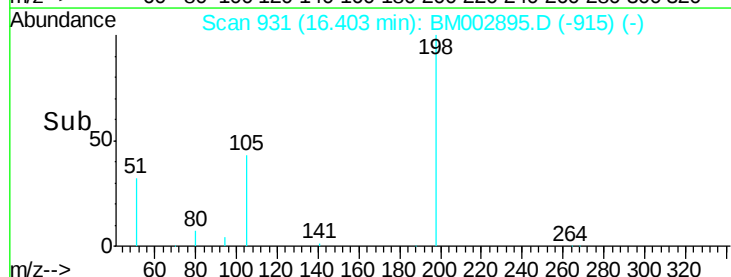
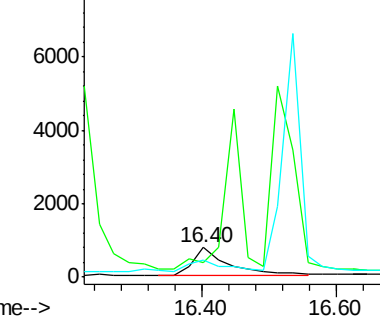
105 58.4 30.0 70.0

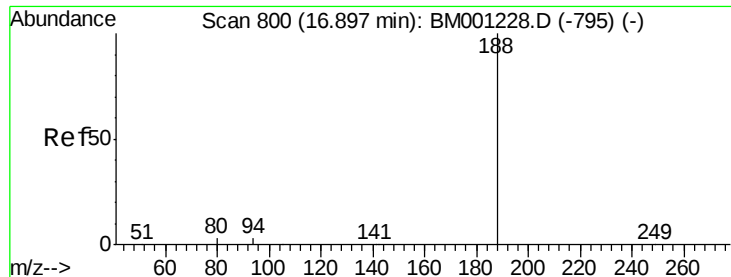


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E

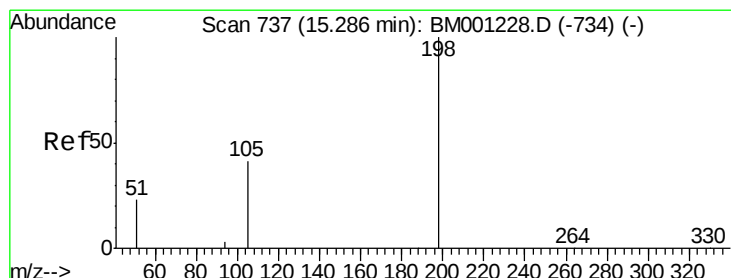
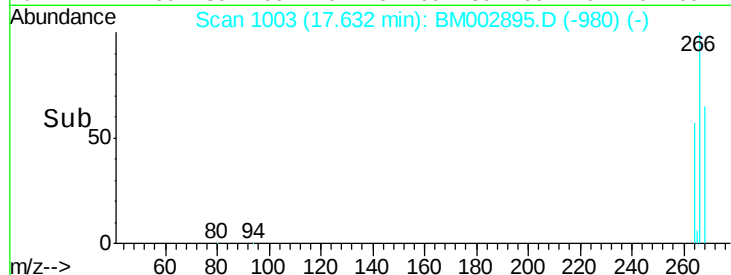
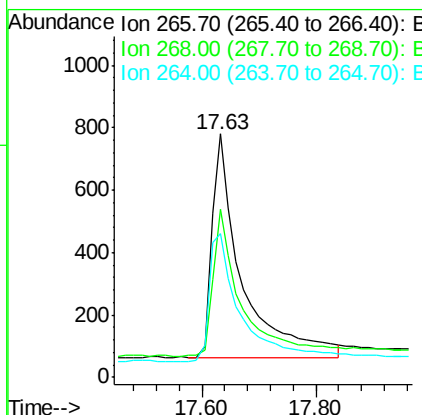
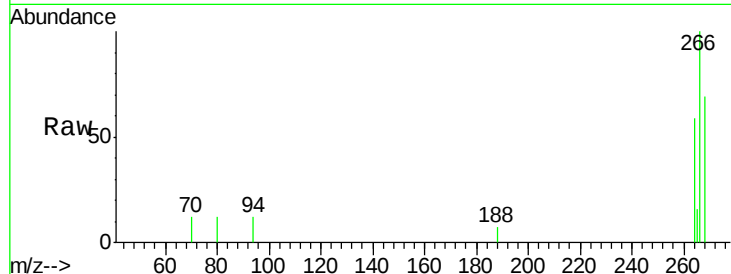




#23
 Pentachlorophenol
 Concen: 0.32 ng
 RT: 17.63 min Scan# 1003
 Delta R.T. 0.02 min
 Lab File: BM002895.D
 Acq: 13 Oct 2015 20:23

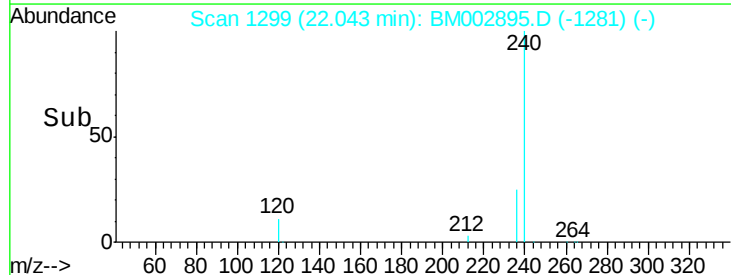
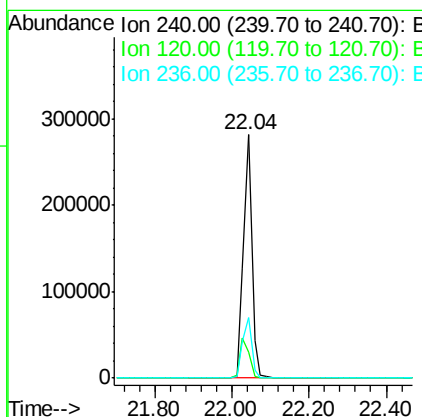
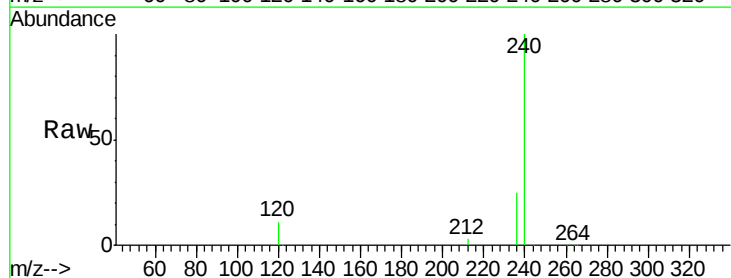
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC001

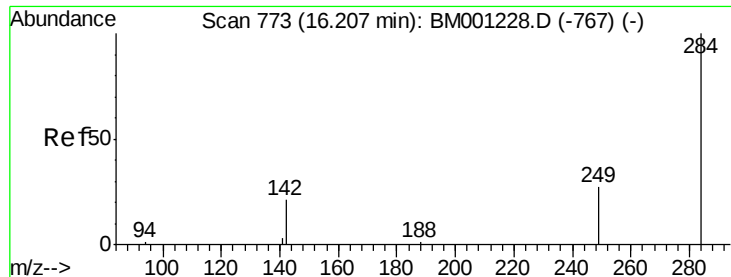
Tot Ion:266 Resp: 2637
 Ion Ratio Lower Upper
 266 100
 268 68.9 62.6 94.0
 264 59.3 47.9 71.9



#24
 Chrysene-d12
 Concen: 5.00 ng
 RT: 22.04 min Scan# 1299
 Delta R.T. -0.02 min
 Lab File: BM002895.D
 Acq: 13 Oct 2015 20:23

Tgt Ion:240 Resp: 427990
 Ion Ratio Lower Upper
 240 100
 120 10.9 10.4 15.6
 236 24.9 22.0 33.0





#25

Terphenyl-d14

Concen: 1.12 ng

RT: 20.48 min Scan# 1198

Delta R.T. -0.02 min

Lab File: BM002895.D

Acq: 13 Oct 2015 20:23

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001

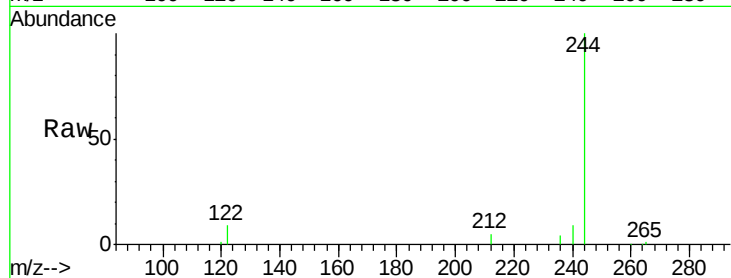
Tot Ion:244 Resp: 63148

Ion Ratio Lower Upper

244 100

212 8.1 7.3 10.9

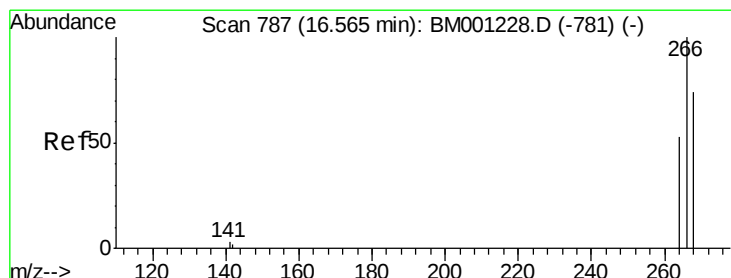
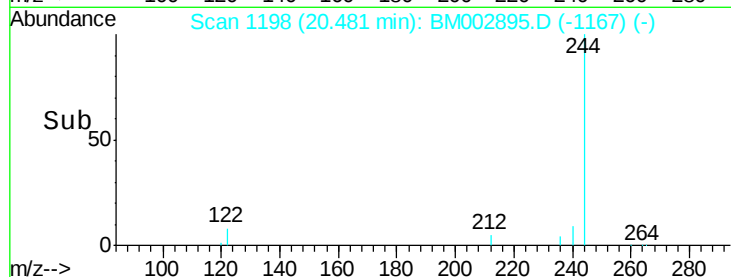
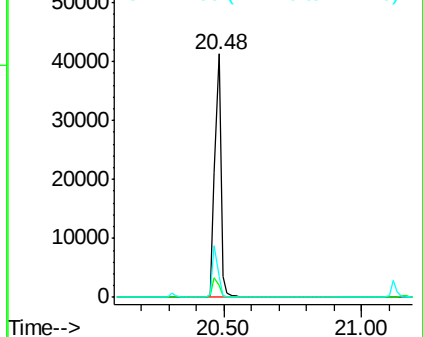
122 19.4 14.8 22.2



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



#26

Perylene-d12

Concen: 5.00 ng

RT: 24.61 min Scan# 1465

Delta R.T. -0.02 min

Lab File: BM002895.D

Acq: 13 Oct 2015 20:23

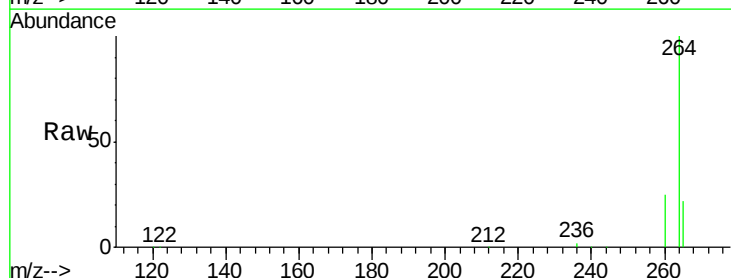
Tgt Ion:264 Resp: 399004

Ion Ratio Lower Upper

264 100

260 24.8 19.7 29.5

265 21.9 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

