

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101415\
 Data File : BM002901.D
 Acq On : 14 Oct 2015 16:38
 Operator : UM/IZ
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001

Quant Time: Oct 15 01:00:59 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 17:36:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.65	152	84108	5.00	ng	-0.01
8) Naphthalene-d8	11.50	136	346851	5.00	ng	0.00
14) Acenaphthene-d10	15.25	164	180941	5.00	ng	0.00
21) Phenanthrene-d10	17.95	188	423757	5.00	ng	0.00
24) Chrysene-d12	22.04	240	402130	5.00	ng	0.00
26) Perylene-d12	24.61	264	370421	5.00	ng	0.00

System Monitoring Compounds						
2) 2-Fluorophenol	6.15	112	12861	0.79	ng	0.02
3) Phenol-d6	7.80	99	19765	0.86	ng	0.02
9) Nitrobenzene-d5	9.86	82	17583	0.92	ng	0.00
15) 2,4,6-Tribromophenol	16.71	330	5567	0.84	ng	0.00
18) 2-Fluorobiphenyl	13.87	172	55087	0.93	ng	0.00
25) Terphenyl-d14	20.48	244	55189	0.90	ng	0.00

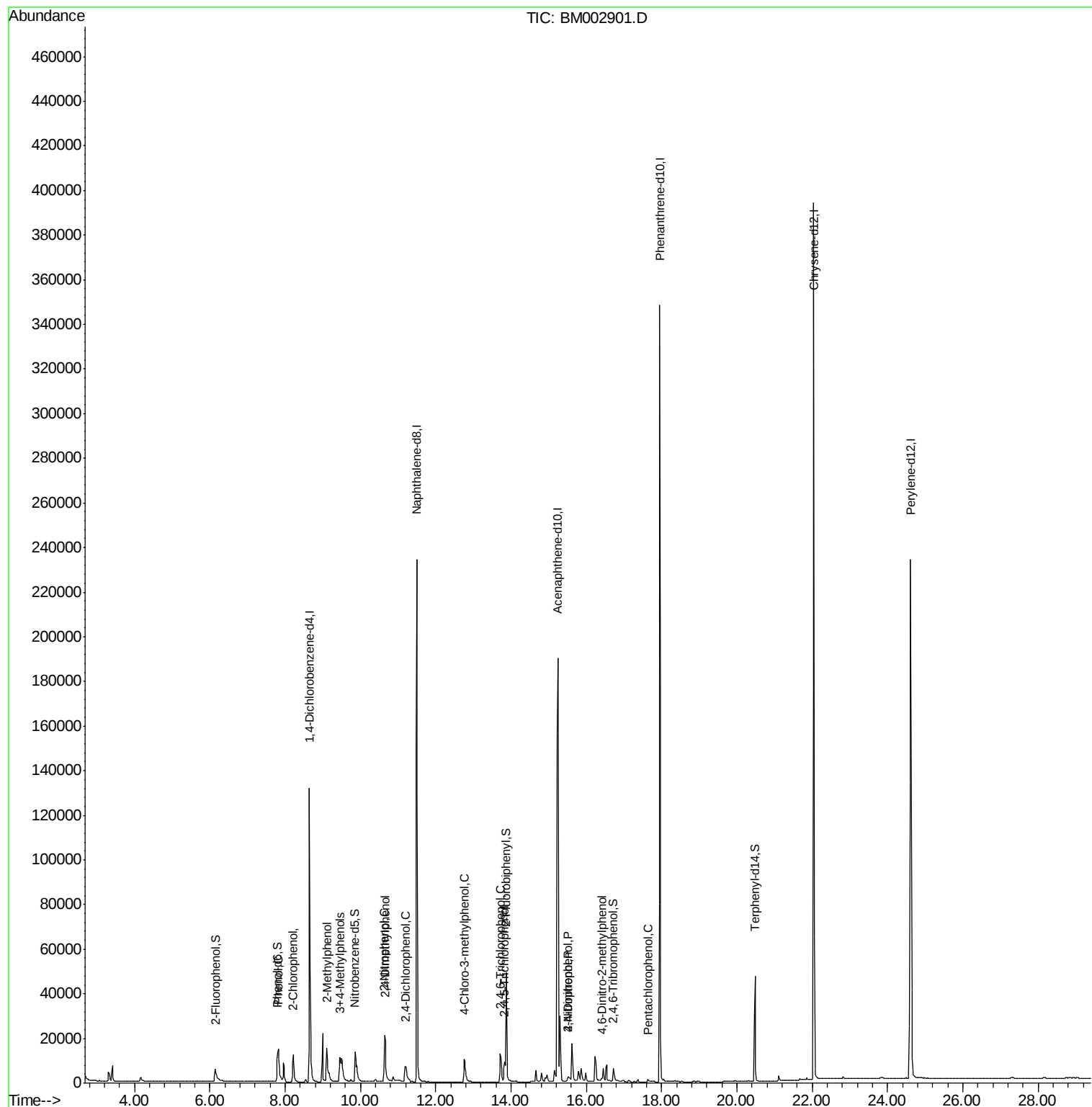
Target Compounds						Qvalue
4) 2-Chlorophenol	8.21	128	19019	0.89	ng	# 72
5) Phenol	7.82	94	20238	0.89	ng	# 85
6) 2-Methylphenol	9.11	107	14944	0.86	ng	# 88
7) 3+4-Methylphenols	9.45	107	18709	0.87	ng	# 34
10) 2-Nitrophenol	10.64	139	7310	0.84	ng	# 61
11) 2,4-Dimethylphenol	10.66	122	16875	0.88	ng	# 98
12) 2,4-Dichlorophenol	11.21	162	13205	0.89	ng	# 94
13) 4-Chloro-3-methylphenol	12.76	107	15821	0.85	ng	# 83
16) 2,4,6-Trichlorophenol	13.72	196	9715	0.82	ng	# 78
17) 2,4,5-Trichlorophenol	13.83	196	10757	0.86	ng	# 97
19) 2,4-Dinitrophenol	15.52	184	285	0.84	ng	# 1
20) 4-Nitrophenol	15.52	139	2964	0.85	ng	# 78
22) 4,6-Dinitro-2-methylphenol	16.40	198	2125	0.87	ng	# 81
23) Pentachlorophenol	17.63	266	1927	0.96	ng	# 92

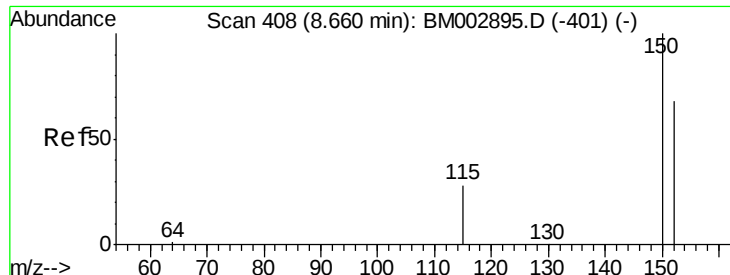
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101415\
Data File : BM002901.D
Acq On : 14 Oct 2015 16:38
Operator : UM/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Quant Time: Oct 15 01:00:59 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 17:36:42 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.65 min Scan# 407

Delta R.T. -0.01 min

Lab File: BM002901.D

Acq: 14 Oct 2015 16:38

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

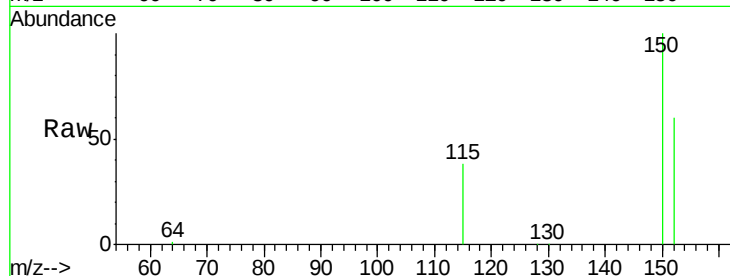
Tot Ion:152 Resp: 84108

Ion Ratio Lower Upper

152 100

150 166.1 116.3 174.5

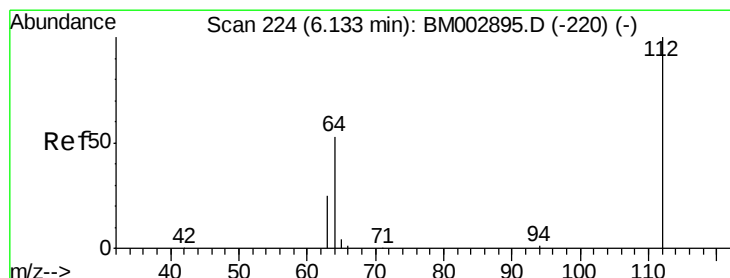
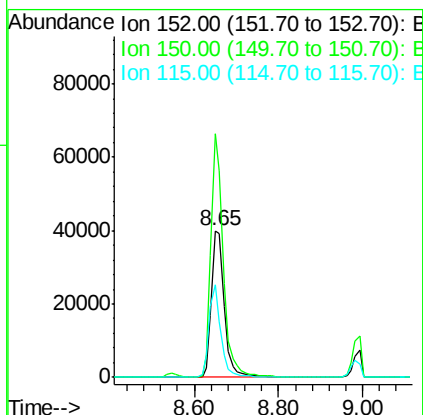
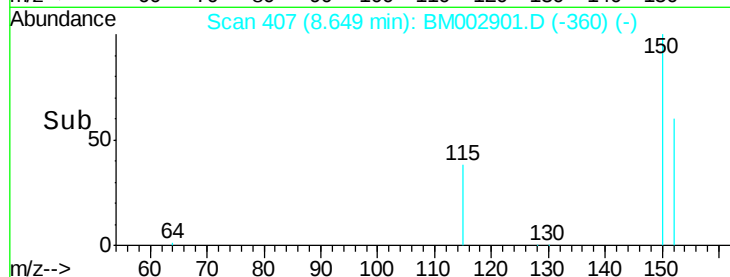
115 63.3 31.9 47.9#



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

2-Fluorophenol

Concen: 0.79 ng

RT: 6.15 min Scan# 225

Delta R.T. 0.02 min

Lab File: BM002901.D

Acq: 14 Oct 2015 16:38

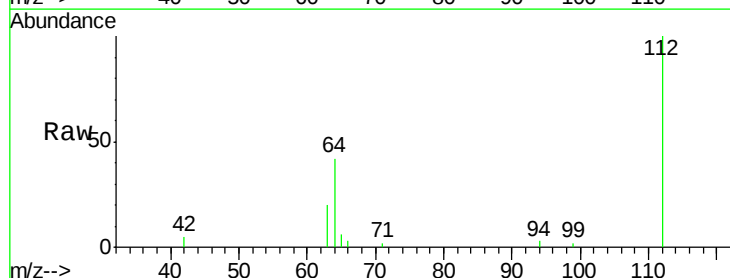
Tgt Ion:112 Resp: 12861

Ion Ratio Lower Upper

112 100

64 42.2 49.3 73.9#

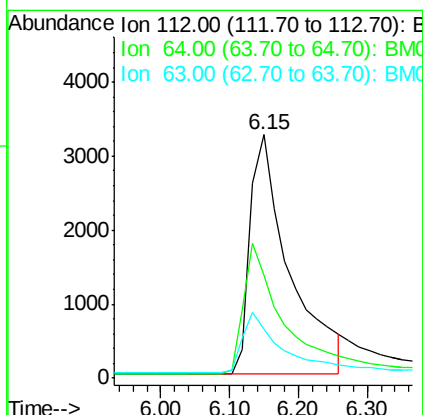
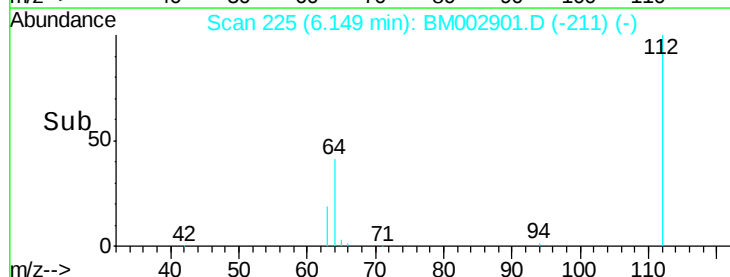
63 20.3 26.2 39.4#

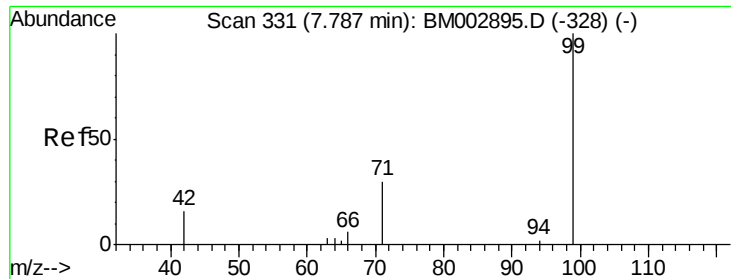


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#3

Phenol-d6

Concen: 0.86 ng

RT: 7.80 min Scan# 332

Delta R.T. 0.02 min

Lab File: BM002901.D

Acq: 14 Oct 2015 16:38

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

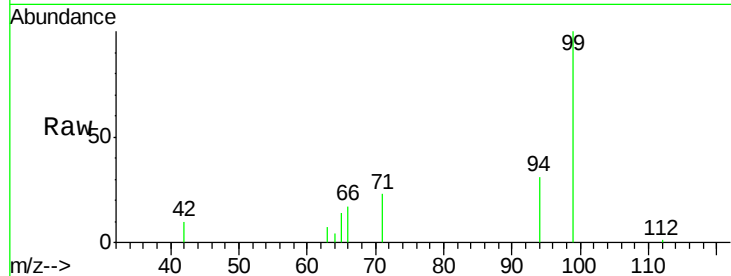
Tot Ion: 99 Resp: 19765

Ion Ratio Lower Upper

99 100

42 10.2 12.1 18.1#

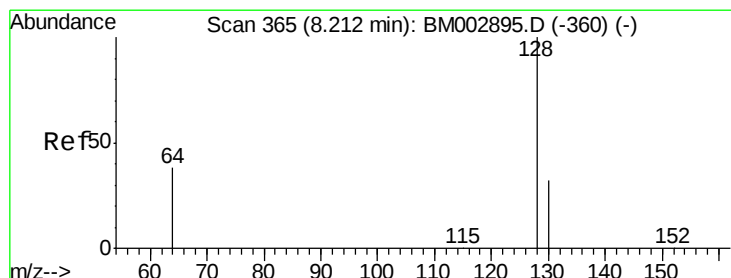
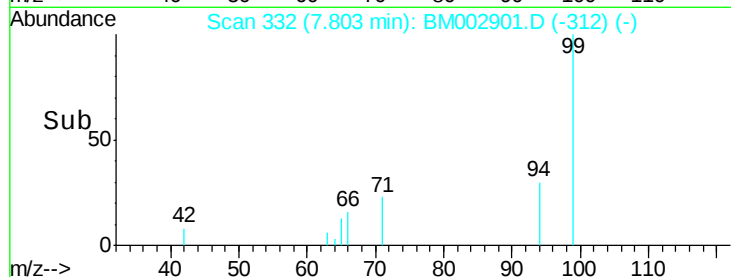
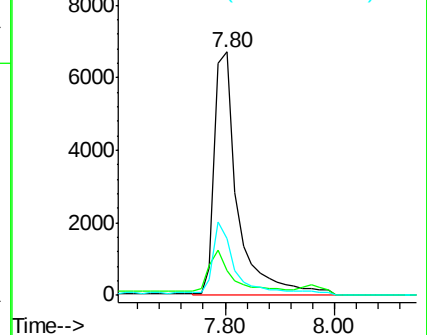
71 23.4 26.4 39.6#



Abundance Ion 99.00 (98.70 to 99.70): BM002895.D (-328) (-)

Ion 42.00 (41.70 to 42.70): BM002895.D (-328) (-)

Ion 71.00 (70.70 to 71.70): BM002895.D (-328) (-)



#4

2-Chlorophenol

Concen: 0.89 ng

RT: 8.21 min Scan# 365

Delta R.T. 0.00 min

Lab File: BM002901.D

Acq: 14 Oct 2015 16:38

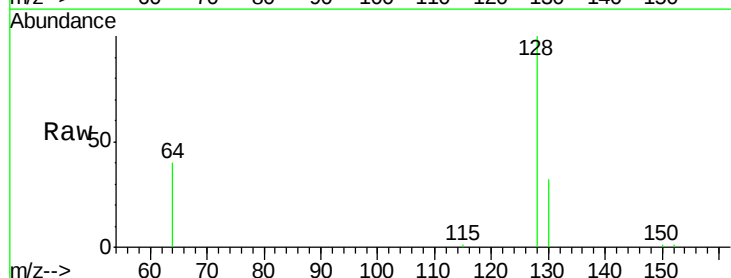
Tgt Ion: 128 Resp: 19019

Ion Ratio Lower Upper

128 100

130 32.0 22.2 62.2

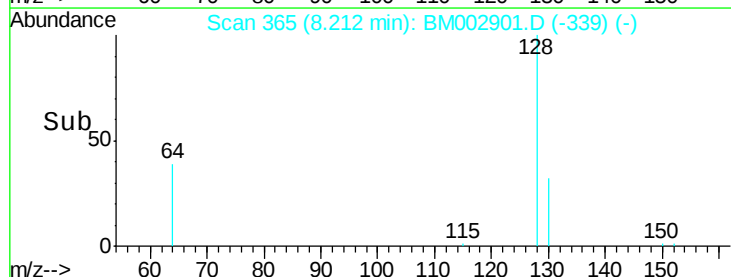
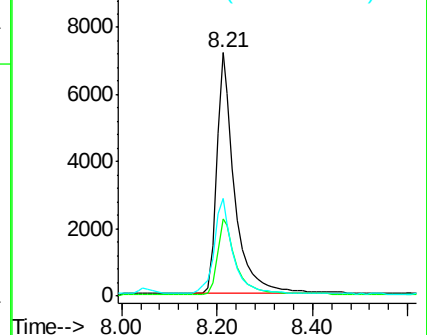
64 40.0 0.0 28.7#

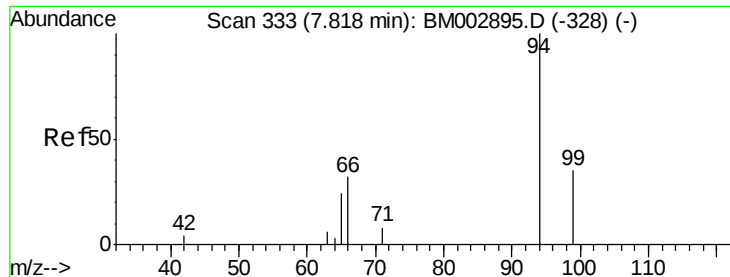


Abundance Ion 128.00 (127.70 to 128.70): BM002895.D (-360) (-)

Ion 130.00 (129.70 to 130.70): BM002895.D (-360) (-)

Ion 64.00 (63.70 to 64.70): BM002895.D (-360) (-)





#5

Phenol

Concen: 0.89 ng

RT: 7.82 min Scan# 333

Delta R.T. 0.00 min

Lab File: BM002901.D

Acq: 14 Oct 2015 16:38

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

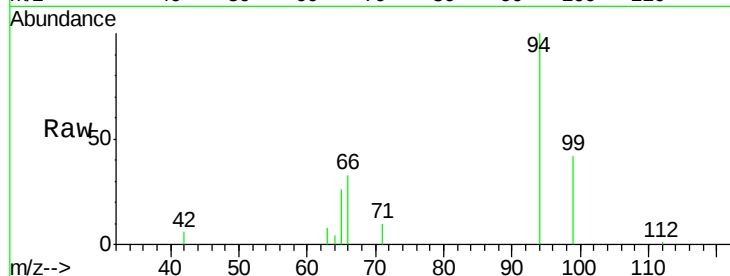
Tot Ion: 94 Resp: 20238

Ion Ratio Lower Upper

94 100

65 25.9 0.0 37.7

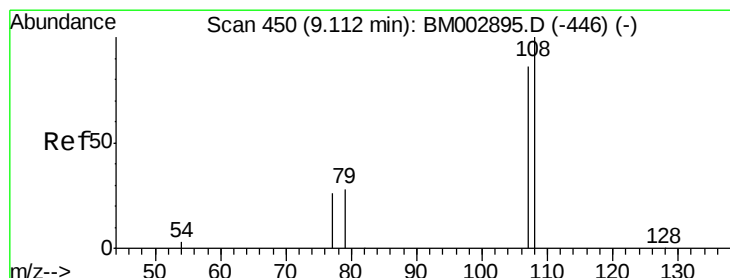
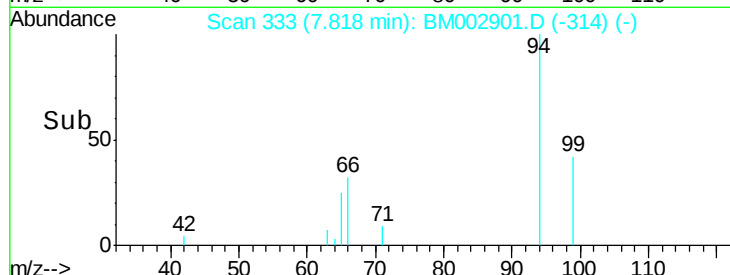
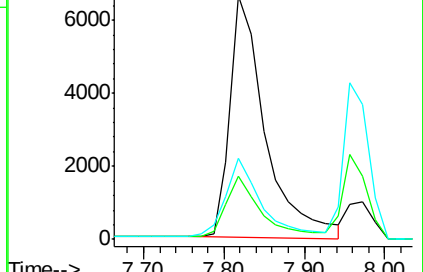
66 33.1 6.3 46.3



Abundance Ion 94.00 (93.70 to 94.70): BM002895.D (-328) (-)

Ion 65.00 (64.70 to 65.70): BM002895.D (-328) (-)

Ion 66.00 (65.70 to 66.70): BM002895.D (-328) (-)



#6

2-Methylphenol

Concen: 0.86 ng

RT: 9.11 min Scan# 450

Delta R.T. 0.00 min

Lab File: BM002901.D

Acq: 14 Oct 2015 16:38

Tgt Ion: 107 Resp: 14944

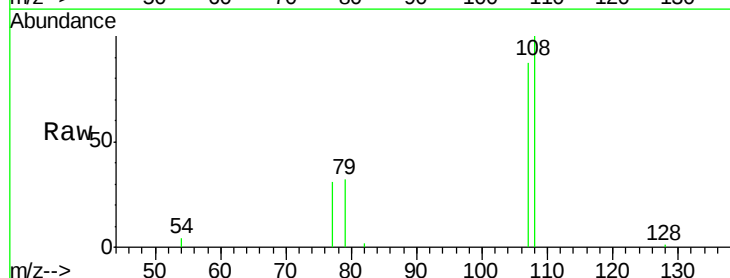
Ion Ratio Lower Upper

107 100

108 114.5 100.9 151.3

77 35.4 20.3 30.5#

79 37.1 22.8 34.2#

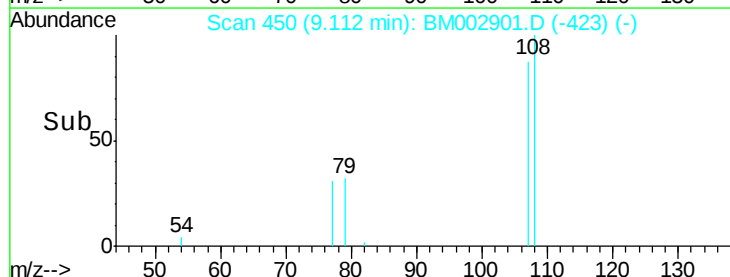
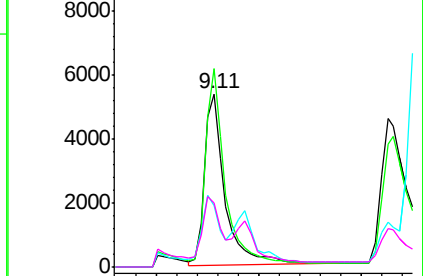


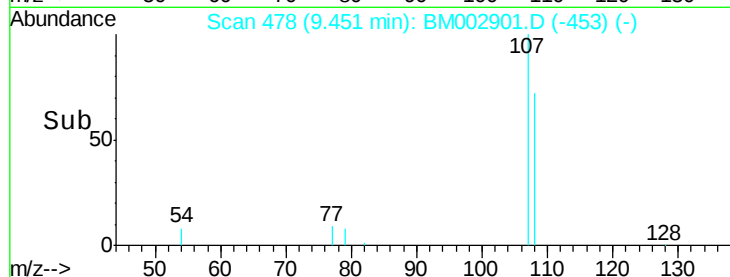
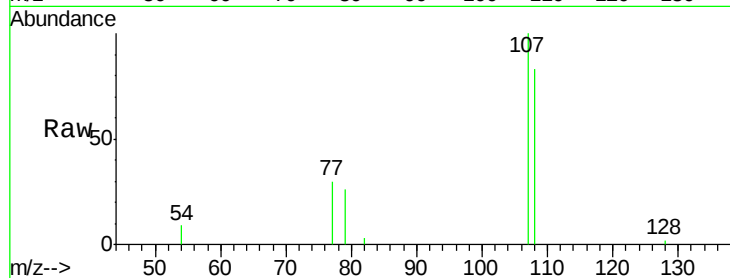
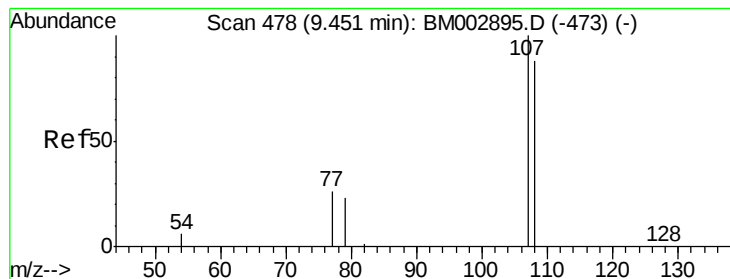
Abundance Ion 107.00 (106.70 to 107.70): BM002895.D (-446) (-)

Ion 108.00 (107.70 to 108.70): BM002895.D (-446) (-)

Ion 77.00 (76.70 to 77.70): BM002895.D (-446) (-)

Ion 79.00 (78.70 to 79.70): BM002895.D (-446) (-)





#7

3+4-Methylphenols

Concen: 0.87 ng

RT: 9.45 min Scan# 478

Delta R.T. 0.00 min

Lab File: BM002901.D

Acq: 14 Oct 2015 16:38

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

Tot Ion:107 Resp: 18709

Ion Ratio Lower Upper

107 100

108 83.4 86.3 126.3#

77 30.0 151.7 191.7#

79 25.7 7.4 47.4

Abundance

Ion 107.00 (106.70 to 107.70): E

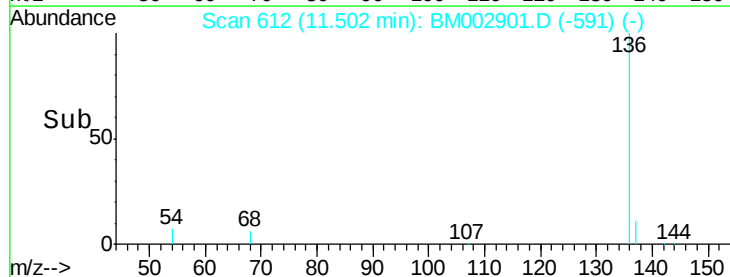
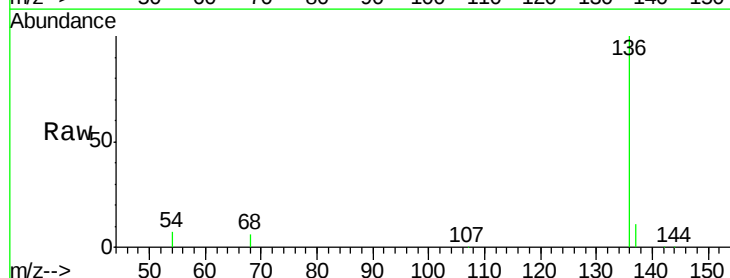
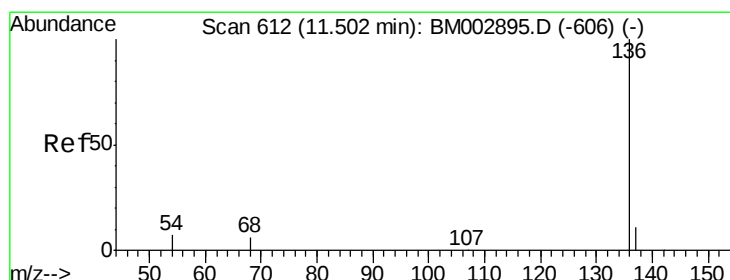
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM

9.45

Time-->



#8

Naphthalene-d8

Concen: 5.00 ng

RT: 11.50 min Scan# 612

Delta R.T. 0.00 min

Lab File: BM002901.D

Acq: 14 Oct 2015 16:38

Tgt Ion:136 Resp: 346851

Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 6.8 2.6 3.8#

68 5.9 2.2 3.2#

Abundance

Ion 136.00 (135.70 to 136.70): E

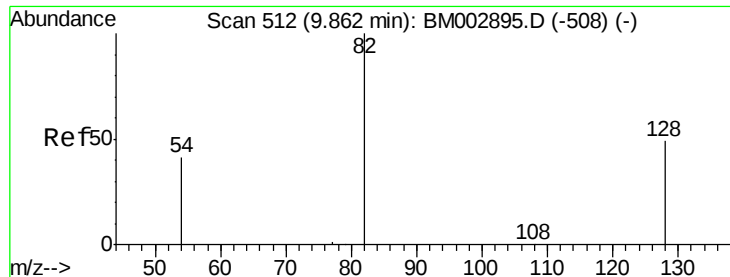
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM

11.50

Time-->



#9

Nitrobenzene-d5

Concen: 0.92 ng

RT: 9.86 min Scan# 512

Delta R.T. 0.00 min

Lab File: BM002901.D

Acq: 14 Oct 2015 16:38

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

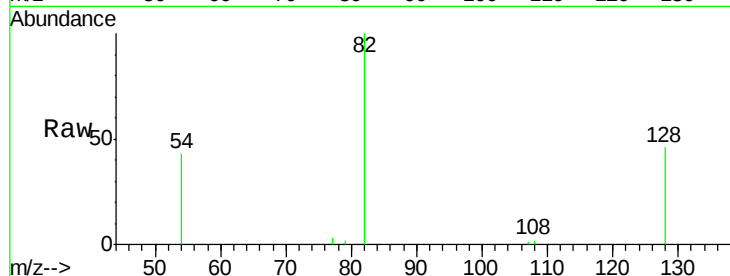
Tot Ion: 82 Resp: 17583

Ion Ratio Lower Upper

82 100

128 52.4 0.0 0.0#

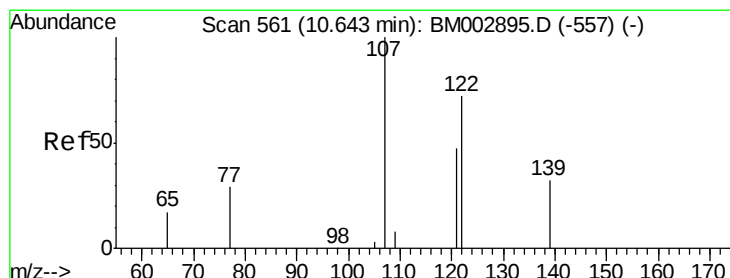
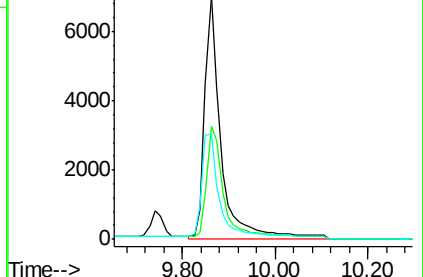
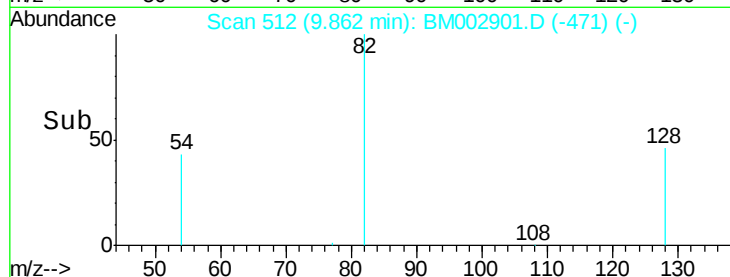
54 52.0 59.0 88.6#



Abundance Ion 82.00 (81.70 to 82.70): BM002901.D (-471) (-)

Ion 128.00 (127.70 to 128.70): BM002901.D (-471) (-)

Ion 54.00 (53.70 to 54.70): BM002901.D (-471) (-)



#10

2-Nitrophenol

Concen: 0.84 ng

RT: 10.64 min Scan# 561

Delta R.T. 0.00 min

Lab File: BM002901.D

Acq: 14 Oct 2015 16:38

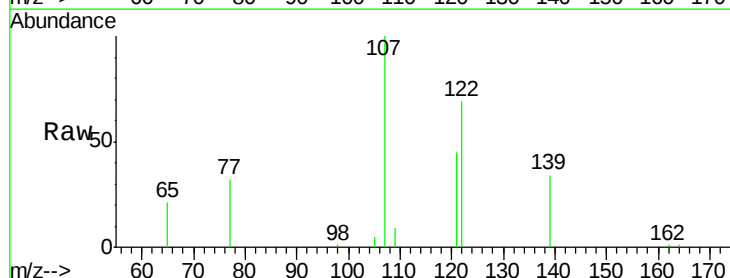
Tgt Ion: 139 Resp: 7310

Ion Ratio Lower Upper

139 100

109 26.6 19.5 29.3

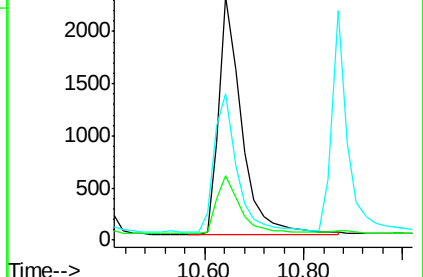
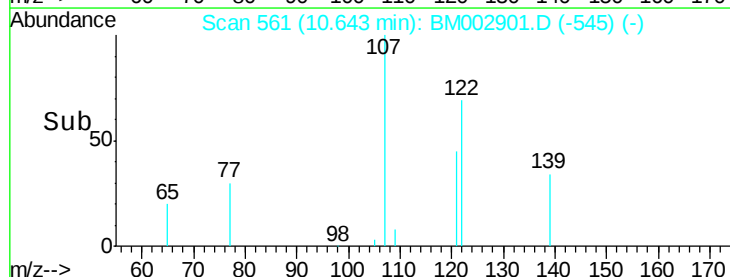
65 59.9 18.6 28.0#

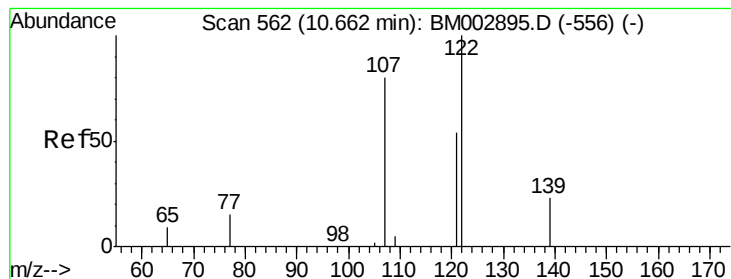


Abundance Ion 139.00 (138.70 to 139.70): BM002901.D (-545) (-)

Ion 109.00 (108.70 to 109.70): BM002901.D (-545) (-)

Ion 65.00 (64.70 to 65.70): BM002901.D (-545) (-)

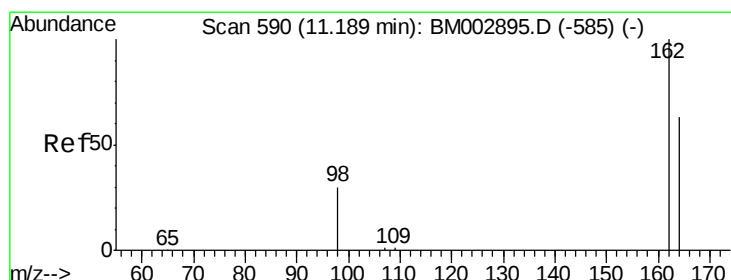
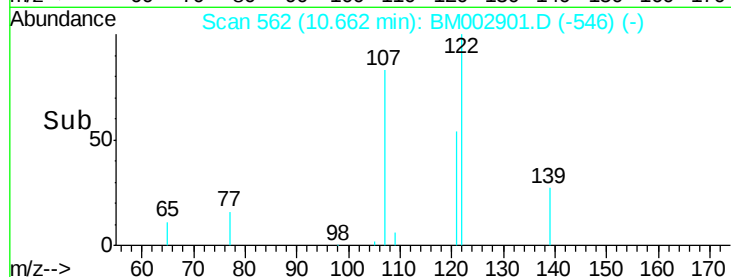
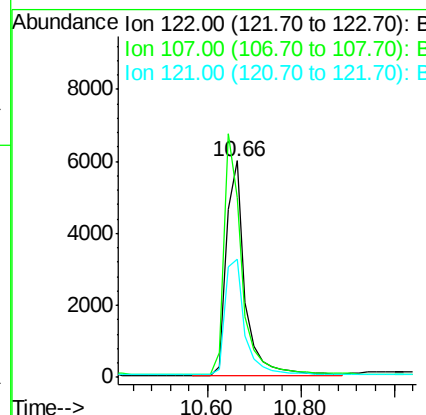
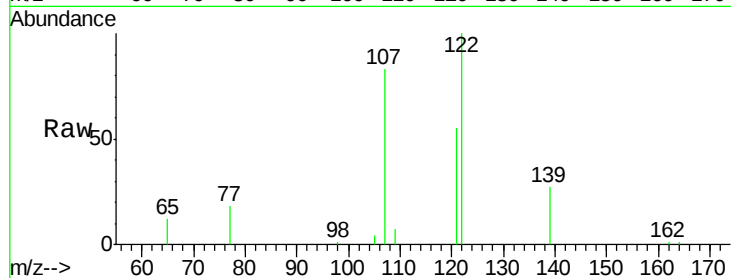




#11
 2,4-Dimethylphenol
 Concen: 0.88 ng
 RT: 10.66 min Scan# 562
 Delta R.T. 0.00 min
 Lab File: BM002901.D
 Acq: 14 Oct 2015 16:38

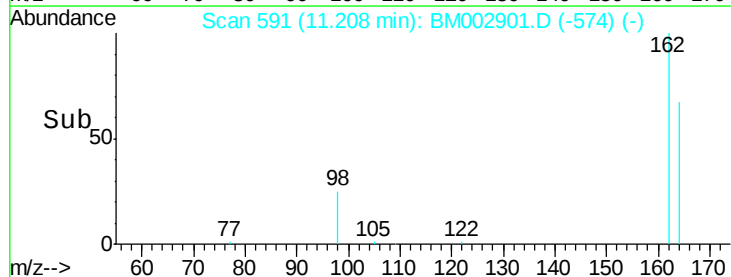
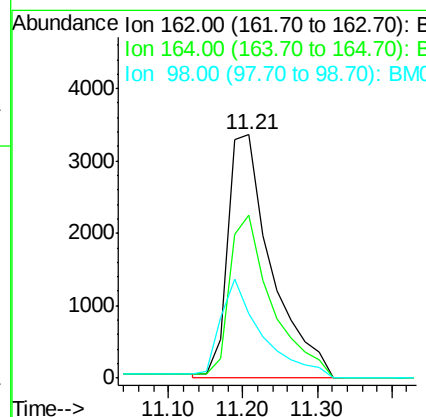
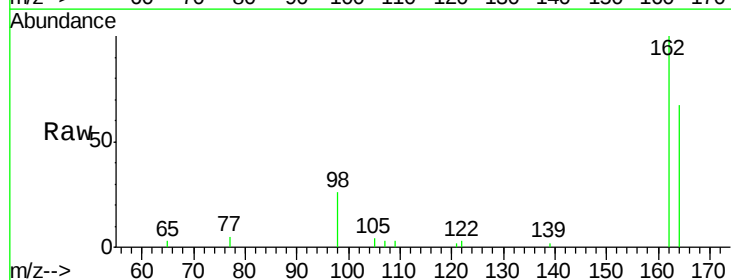
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001

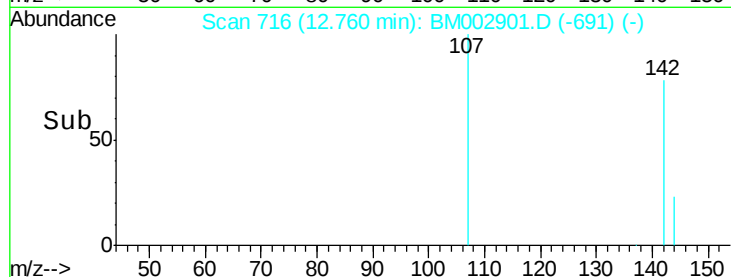
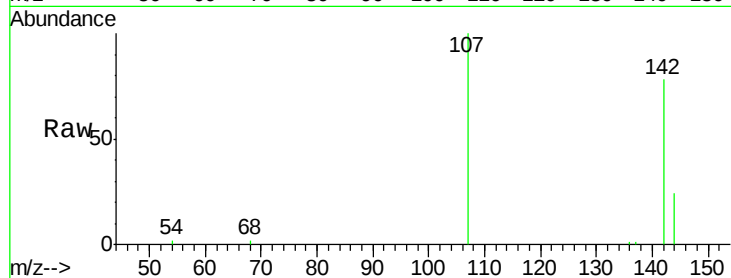
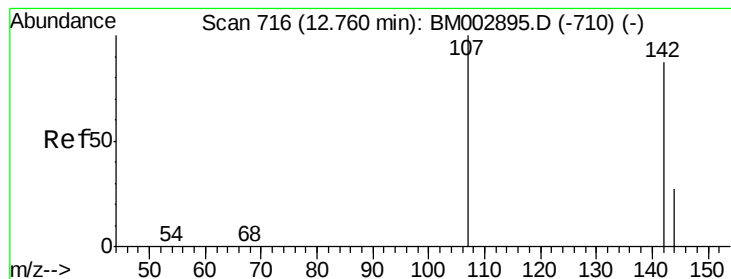
Tot Ion:122 Resp: 16875
 Ion Ratio Lower Upper
 122 100
 107 83.1 68.6 102.8
 121 54.7 44.8 67.2



#12
 2,4-Dichlorophenol
 Concen: 0.89 ng
 RT: 11.21 min Scan# 591
 Delta R.T. 0.02 min
 Lab File: BM002901.D
 Acq: 14 Oct 2015 16:38

Tgt Ion:162 Resp: 13205
 Ion Ratio Lower Upper
 162 100
 164 67.1 49.2 89.2
 98 26.5 0.0 37.4





#13

4-Chloro-3-methylphenol

Concen: 0.85 ng

RT: 12.76 min Scan# 716

Delta R.T. 0.00 min

Lab File: BM002901.D

Acq: 14 Oct 2015 16:38

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

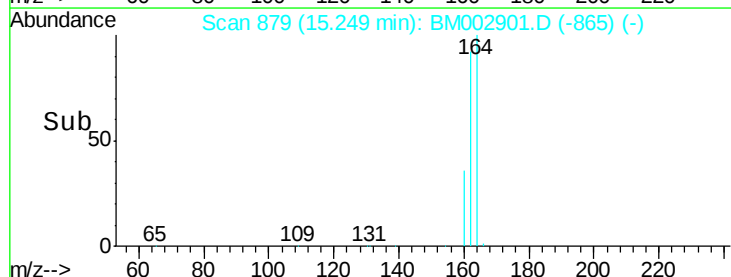
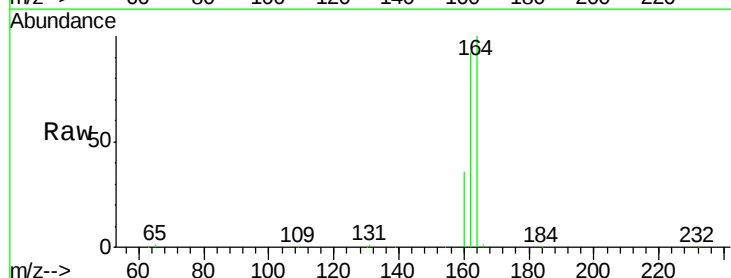
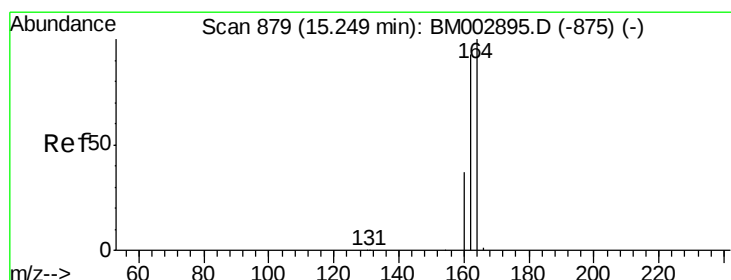
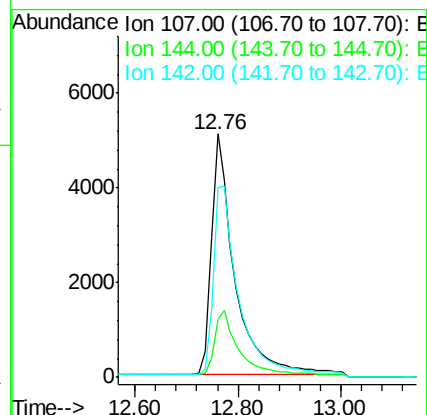
Tot Ion:107 Resp: 15821

Ion Ratio Lower Upper

107 100

144 24.0 16.2 24.2

142 77.8 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: BM002901.D

Acq: 14 Oct 2015 16:38

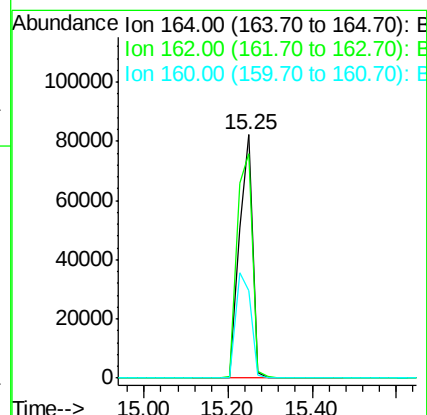
Tgt Ion:164 Resp: 180941

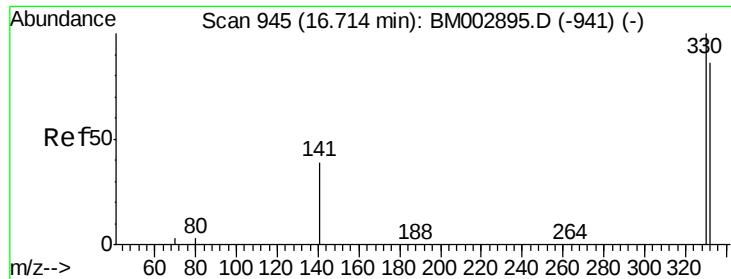
Ion Ratio Lower Upper

164 100

162 92.3 79.2 118.8

160 36.2 33.7 50.5

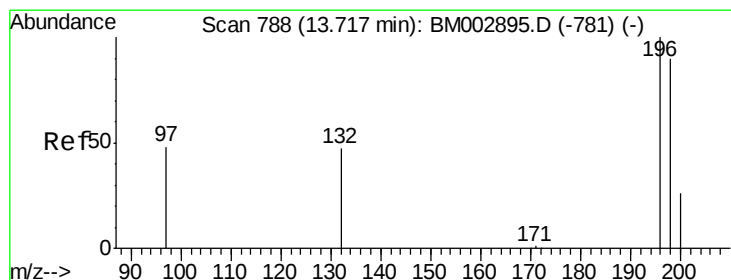
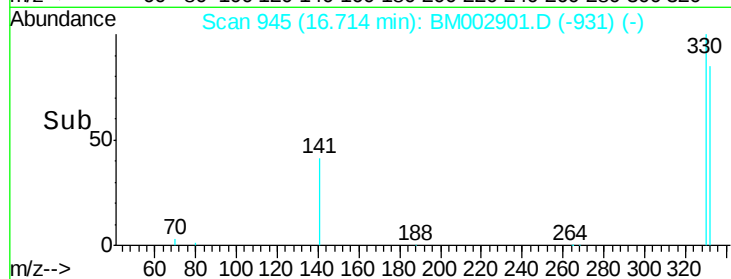
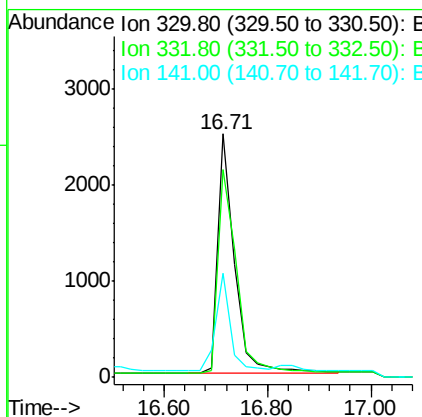
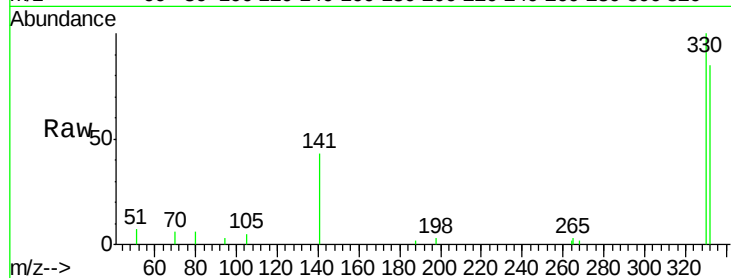




#15
 2,4,6-Tribromophenol
 Concen: 0.84 ng
 RT: 16.71 min Scan# 945
 Delta R.T. 0.00 min
 Lab File: BM002901.D
 Acq: 14 Oct 2015 16:38

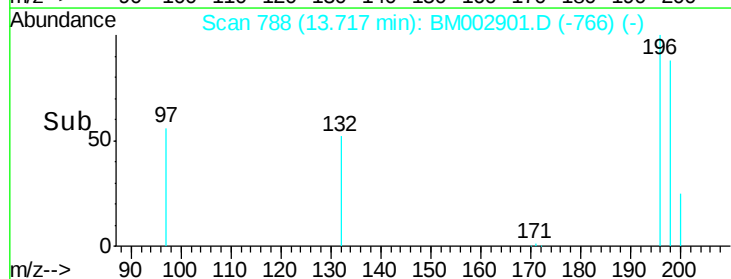
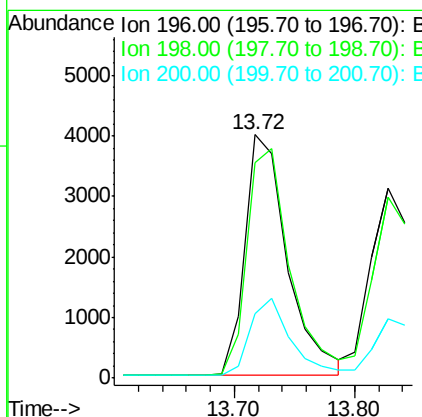
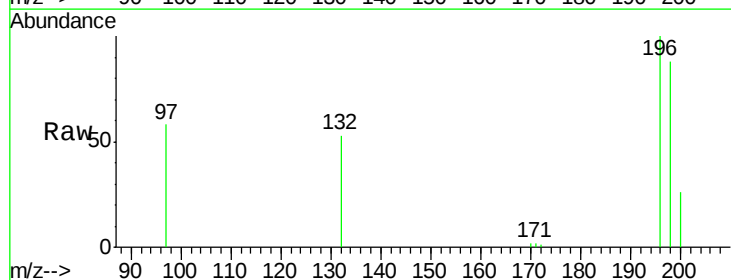
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001

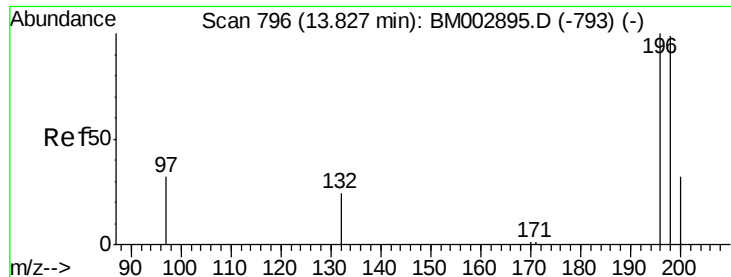
Tot Ion:330 Resp: 5567
 Ion Ratio Lower Upper
 330 100
 332 95.0 74.0 111.0
 141 35.1 24.1 36.1



#16
 2,4,6-Trichlorophenol
 Concen: 0.82 ng
 RT: 13.72 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BM002901.D
 Acq: 14 Oct 2015 16:38

Tgt Ion:196 Resp: 9715
 Ion Ratio Lower Upper
 196 100
 198 88.4 54.2 81.2#
 200 26.2 17.1 25.7#

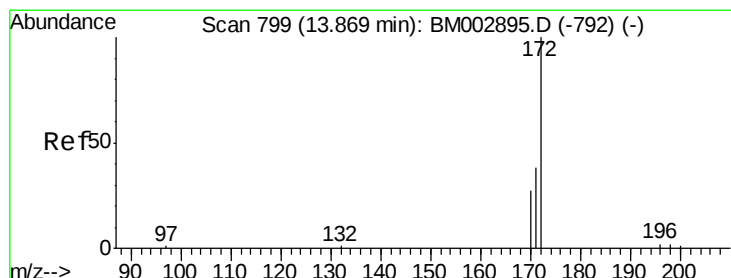
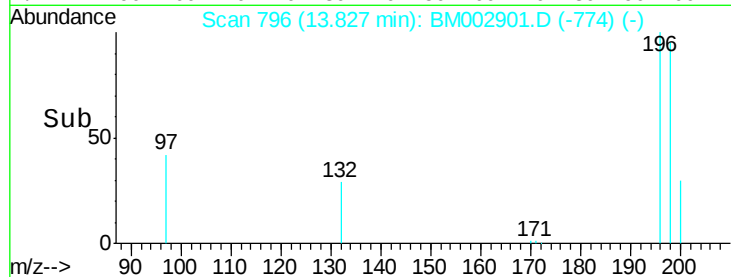
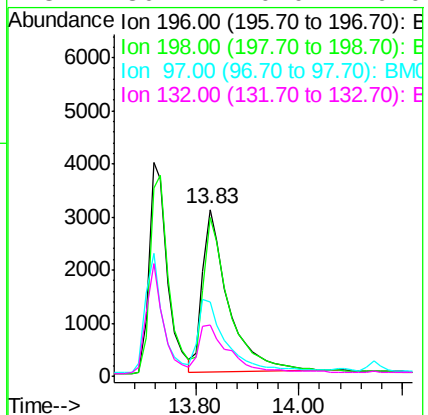
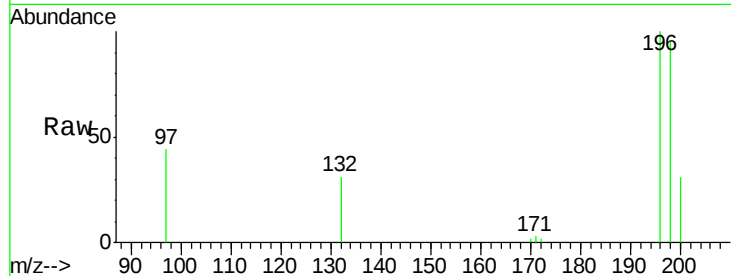




#17
2,4,5-Trichlorophenol
Concen: 0.86 ng
RT: 13.83 min Scan# 796
Delta R.T. 0.00 min
Lab File: BM002901.D
Acq: 14 Oct 2015 16:38

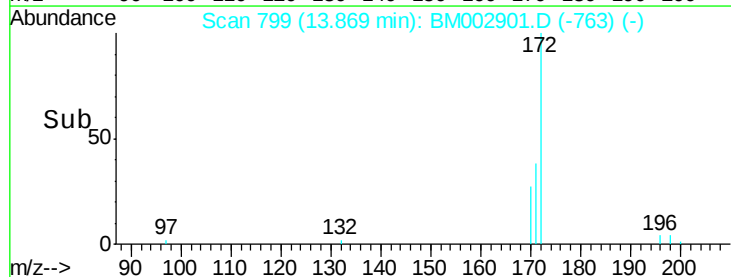
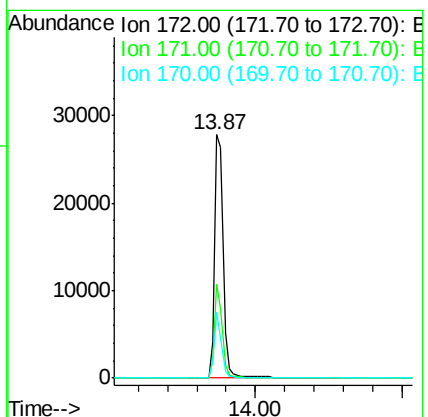
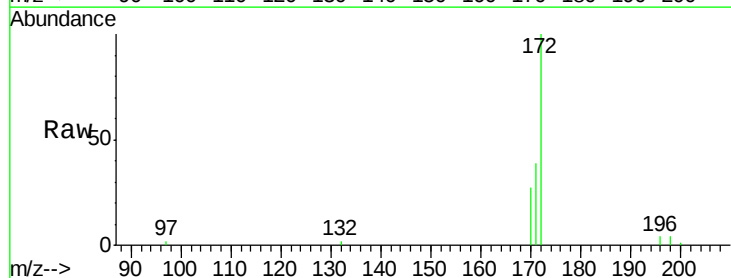
Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

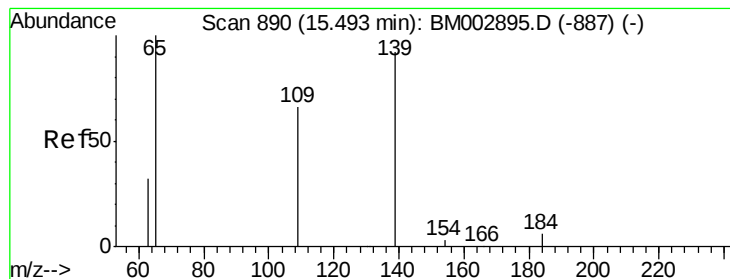
Tot Ion:196 Resp: 10757
Ion Ratio Lower Upper
196 100
198 95.2 73.6 110.4
97 44.2 0.0 0.0#
132 30.7 0.0 0.0#



#18
2-Fluorobiphenyl
Concen: 0.93 ng
RT: 13.87 min Scan# 799
Delta R.T. 0.00 min
Lab File: BM002901.D
Acq: 14 Oct 2015 16:38

Tgt Ion:172 Resp: 55087
Ion Ratio Lower Upper
172 100
171 34.8 0.0 0.0#
170 23.0 0.0 0.0#





#19

2,4-Dinitrophenol

Concen: 0.84 ng

RT: 15.52 min Scan# 891

Delta R.T. 0.02 min

Lab File: BM002901.D

Acq: 14 Oct 2015 16:38

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

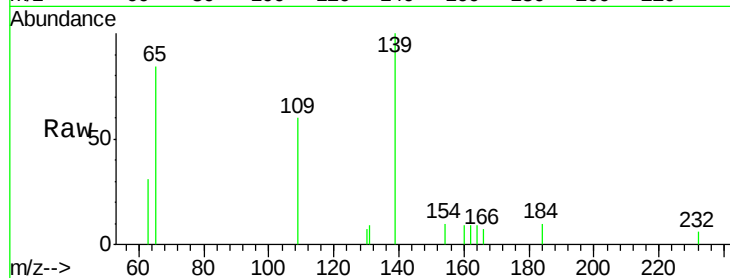
Tot Ion:184 Resp: 285

Ion Ratio Lower Upper

184 100

63 307.2 52.0 78.0#

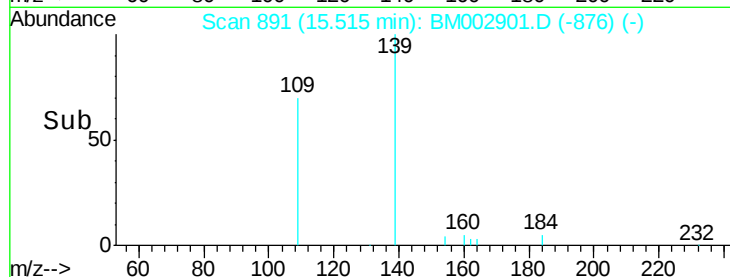
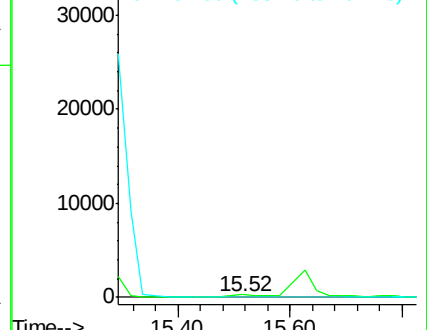
154 98.8 51.4 77.2#



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: 0.85 ng

RT: 15.52 min Scan# 891

Delta R.T. 0.00 min

Lab File: BM002901.D

Acq: 14 Oct 2015 16:38

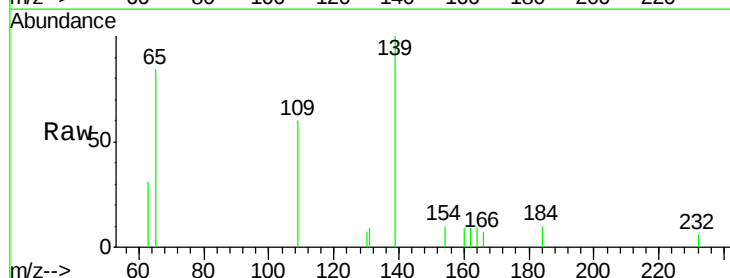
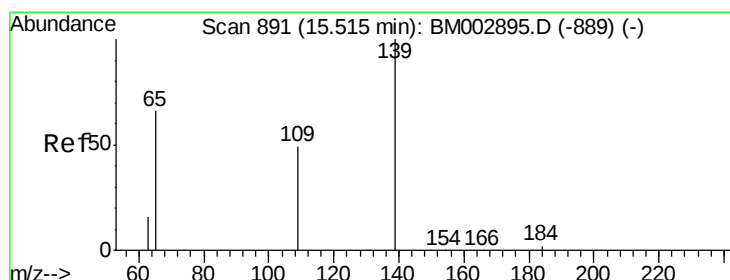
Tgt Ion:139 Resp: 2964

Ion Ratio Lower Upper

139 100

109 59.6 60.0 100.0#

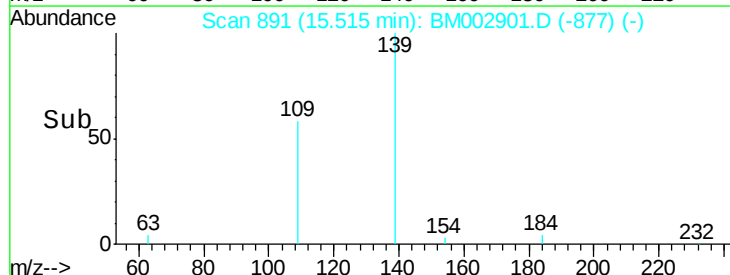
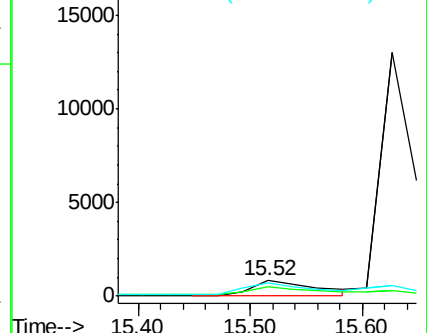
65 84.1 85.7 125.7#

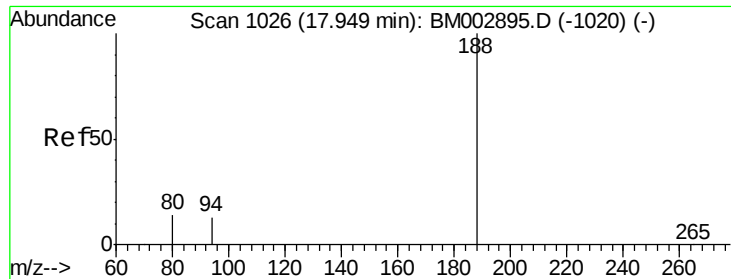


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM0

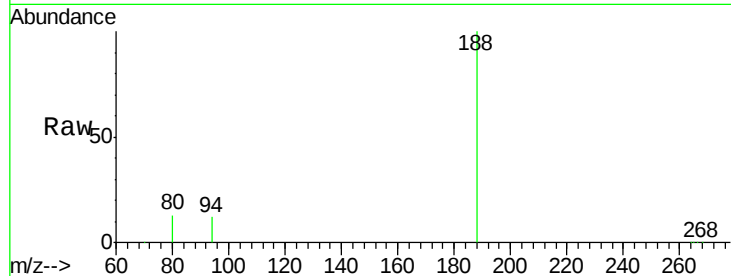




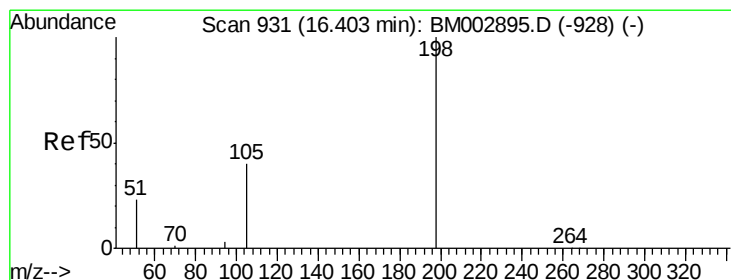
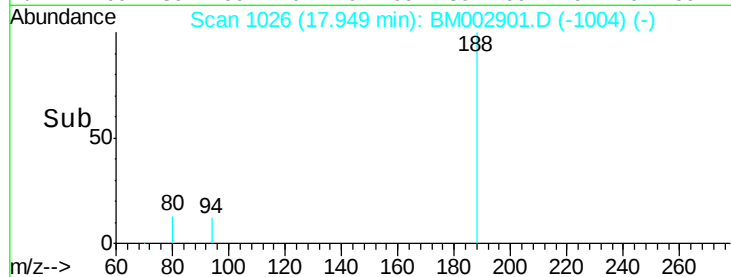
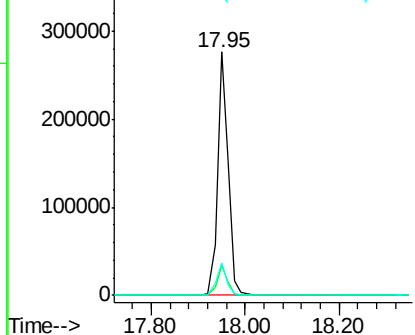
#21
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.95 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BM002901.D
Acq: 14 Oct 2015 16:38

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tot Ion:188 Resp: 423757
Ion Ratio Lower Upper
188 100
94 12.4 2.9 4.3#
80 13.4 2.5 3.7#

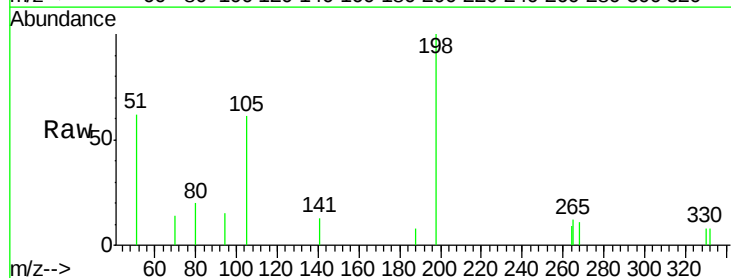


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

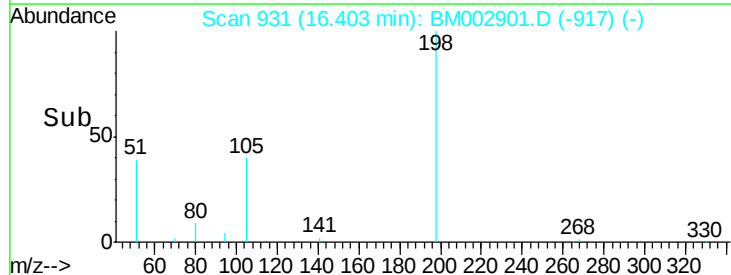
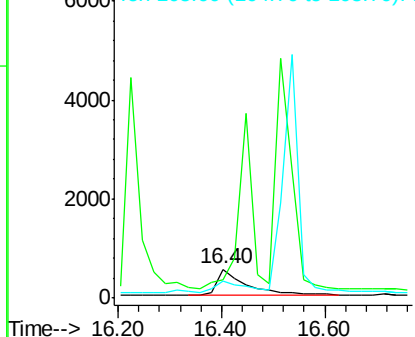


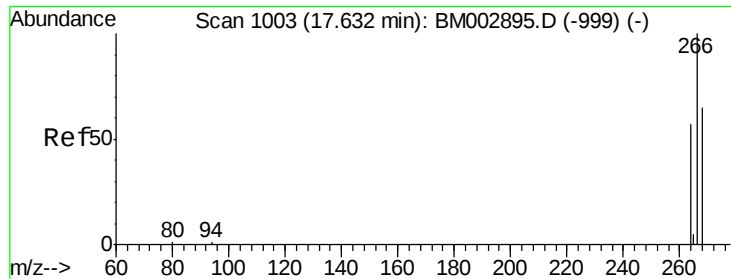
#22
4,6-Dinitro-2-methylphenol
Concen: 0.87 ng
RT: 16.40 min Scan# 931
Delta R.T. 0.00 min
Lab File: BM002901.D
Acq: 14 Oct 2015 16:38

Tgt Ion:198 Resp: 2125
Ion Ratio Lower Upper
198 100
51 62.1 60.8 100.8
105 60.5 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

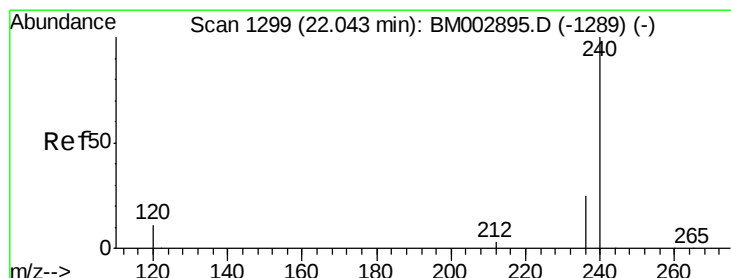
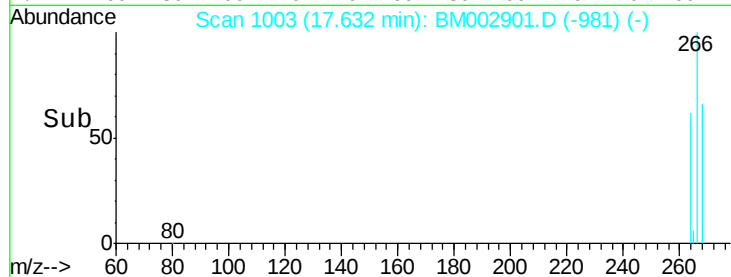
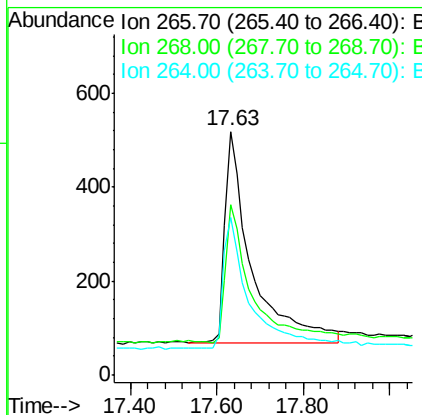
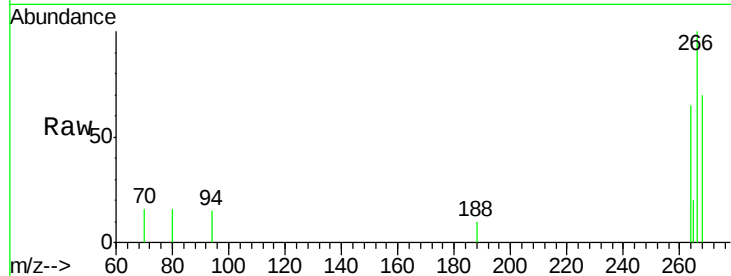




#23
 Pentachlorophenol
 Concen: 0.96 ng
 RT: 17.63 min Scan# 1003
 Delta R.T. 0.00 min
 Lab File: BM002901.D
 Acq: 14 Oct 2015 16:38

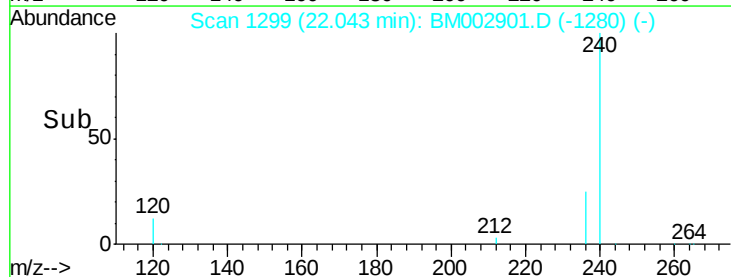
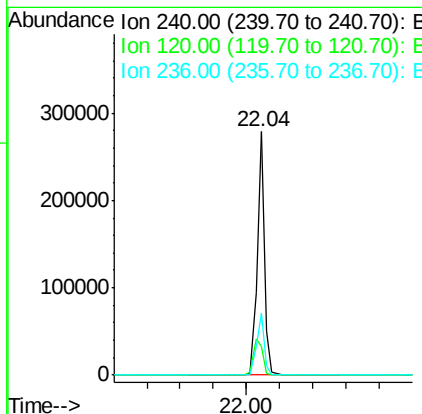
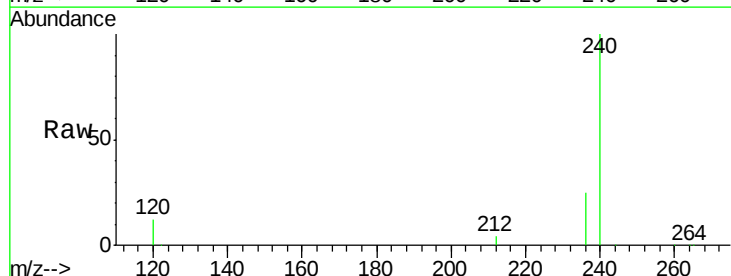
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001

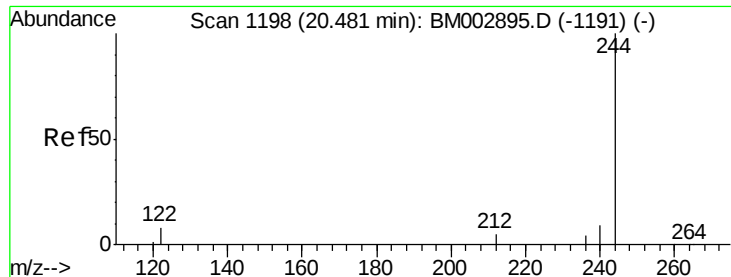
Tot Ion:266 Resp: 1927
 Ion Ratio Lower Upper
 266 100
 268 70.3 62.6 94.0
 264 64.7 47.9 71.9



#24
 Chrysene-d12
 Concen: 5.00 ng
 RT: 22.04 min Scan# 1299
 Delta R.T. 0.00 min
 Lab File: BM002901.D
 Acq: 14 Oct 2015 16:38

Tgt Ion:240 Resp: 402130
 Ion Ratio Lower Upper
 240 100
 120 11.9 10.4 15.6
 236 25.4 22.0 33.0





#25

Terphenyl-d14

Concen: 0.90 ng

RT: 20.48 min Scan# 1198

Delta R.T. 0.00 min

Lab File: BM002901.D

Acq: 14 Oct 2015 16:38

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

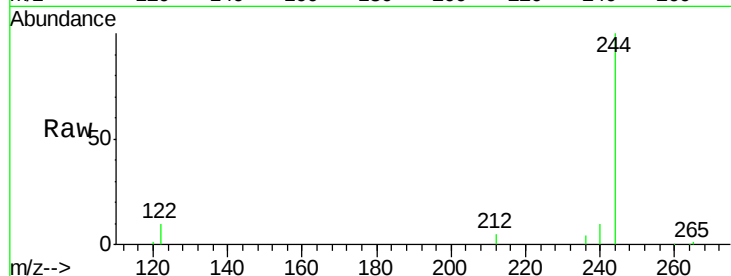
Tot Ion:244 Resp: 55189

Ion Ratio Lower Upper

244 100

212 8.1 7.3 10.9

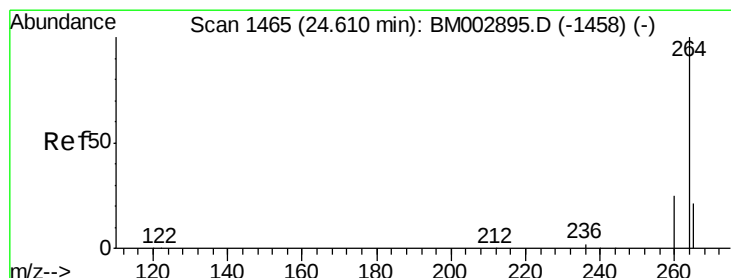
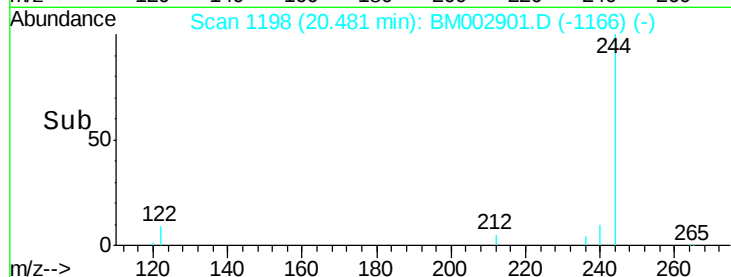
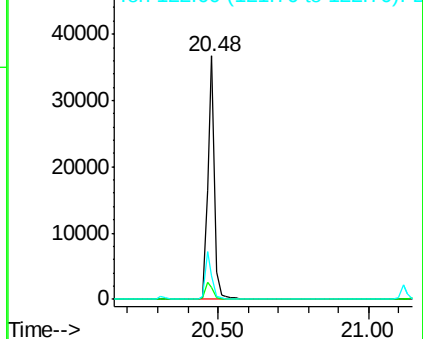
122 19.5 14.8 22.2



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. 0.00 min

Lab File: BM002901.D

Acq: 14 Oct 2015 16:38

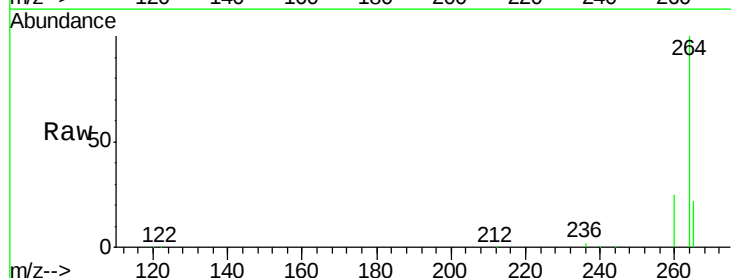
Tgt Ion:264 Resp: 370421

Ion Ratio Lower Upper

264 100

260 24.8 19.7 29.5

265 21.8 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

