

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101415\
 Data File : BM002904.D
 Acq On : 14 Oct 2015 19:28
 Operator : UM/IZ
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001EC

Quant Time: Oct 15 01:04:14 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SIM-ACID-BM0101315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 15 01:02:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.66	152	83235	5.00	ng	0.01
8) Naphthalene-d8	11.50	136	345451	5.00	ng	0.00
14) Acenaphthene-d10	15.25	164	182289	5.00	ng	0.00
21) Phenanthrene-d10	17.95	188	420393	5.00	ng	0.00
24) Chrysene-d12	22.04	240	398620	5.00	ng	0.00
26) Perylene-d12	24.61	264	368537	5.00	ng	0.00

System Monitoring Compounds						
2) 2-Fluorophenol	6.15	112	14053	0.88	ng	0.00
3) Phenol-d6	7.80	99	19778	0.87	ng	0.00
9) Nitrobenzene-d5	9.86	82	17625	0.93	ng	0.00
15) 2,4,6-Tribromophenol	16.71	330	5675	0.85	ng	0.00
18) 2-Fluorobiphenyl	13.88	172	55416	0.93	ng	0.01
25) Terphenyl-d14	20.48	244	56184	0.93	ng	0.00

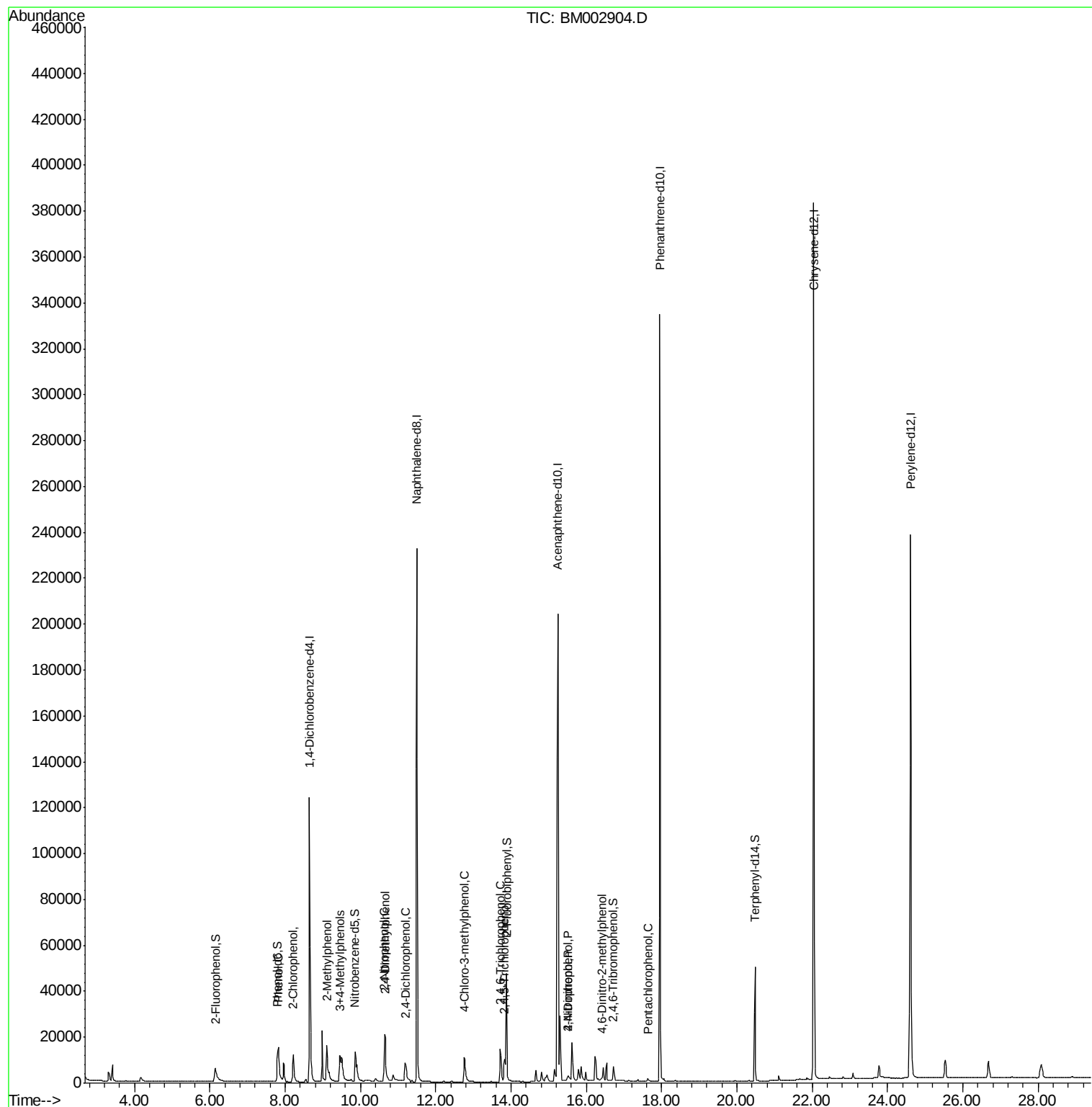
Target Compounds						Qvalue
4) 2-Chlorophenol	8.21	128	18856	0.89	ng	# 70
5) Phenol	7.82	94	20277	0.90	ng	83
6) 2-Methylphenol	9.11	107	15489	0.90	ng	# 86
7) 3+4-Methylphenols	9.45	107	18794	0.88	ng	# 35
10) 2-Nitrophenol	10.64	139	7172	0.83	ng	# 64
11) 2,4-Dimethylphenol	10.66	122	16848	0.88	ng	100
12) 2,4-Dichlorophenol	11.19	162	13766	0.93	ng	# 82
13) 4-Chloro-3-methylphenol	12.76	107	16175	0.87	ng	# 84
16) 2,4,6-Trichlorophenol	13.72	196	10289	0.87	ng	# 77
17) 2,4,5-Trichlorophenol	13.83	196	11206	0.89	ng	# 94
19) 2,4-Dinitrophenol	15.51	184	354	0.90	ng	# 1
20) 4-Nitrophenol	15.51	139	3387	0.89	ng	# 75
22) 4,6-Dinitro-2-methylphenol	16.40	198	2025	0.85	ng	80
23) Pentachlorophenol	17.63	266	2265	1.03	ng	94

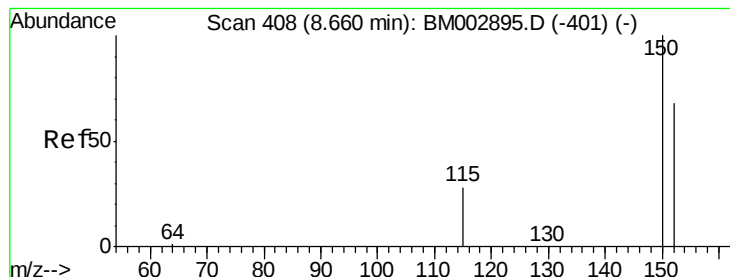
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM002904.D

Acq: 14 Oct 2015 19:28

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

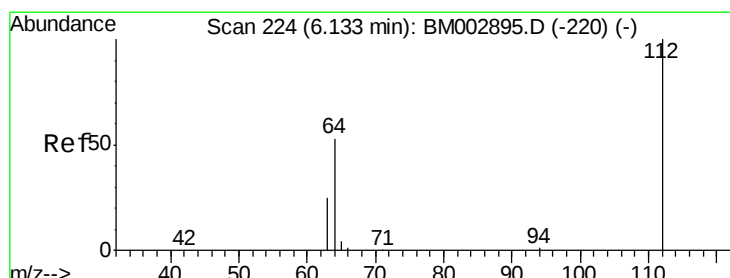
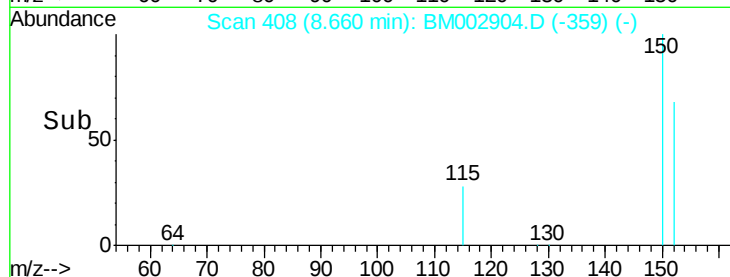
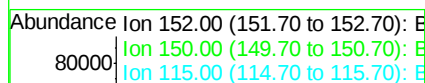
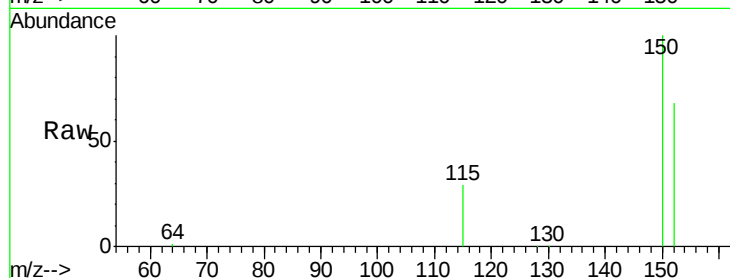
Tot Ion:152 Resp: 83235

Ion Ratio Lower Upper

152 100

150 147.9 116.3 174.5

115 42.3 31.9 47.9



#2

2-Fluorophenol

Concen: 0.88 ng

RT: 6.15 min Scan# 225

Delta R.T. -0.00 min

Lab File: BM002904.D

Acq: 14 Oct 2015 19:28

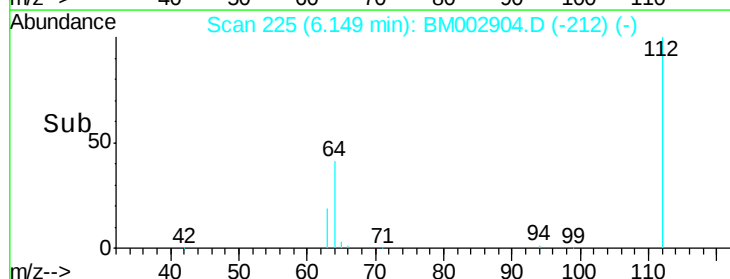
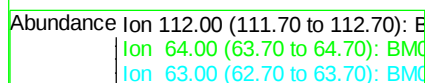
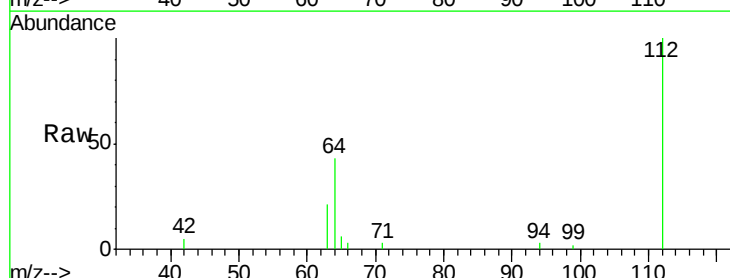
Tgt Ion:112 Resp: 14053

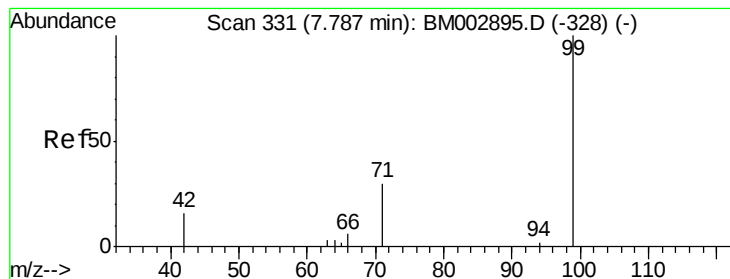
Ion Ratio Lower Upper

112 100

64 42.5 49.3 73.9#

63 20.5 26.2 39.4#





#3

Phenol-d6

Concen: 0.87 ng

RT: 7.80 min Scan# 332

Delta R.T. -0.00 min

Lab File: BM002904.D

Acq: 14 Oct 2015 19:28

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

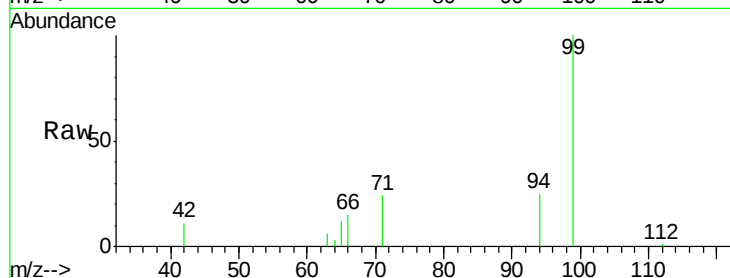
Tot Ion: 99 Resp: 19778

Ion Ratio Lower Upper

99 100

42 10.6 12.1 18.1#

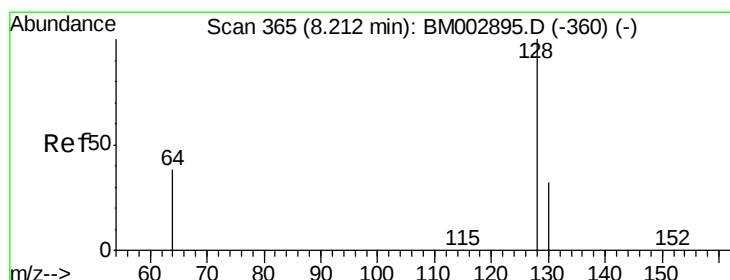
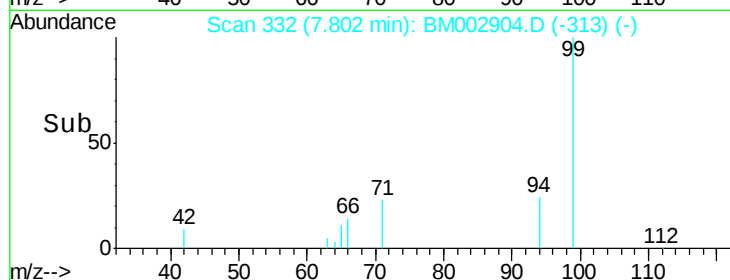
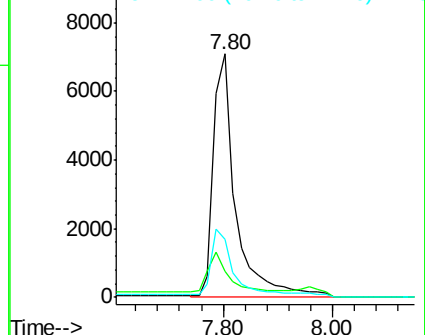
71 23.9 26.4 39.6#



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: BM002904.D

Acq: 14 Oct 2015 19:28

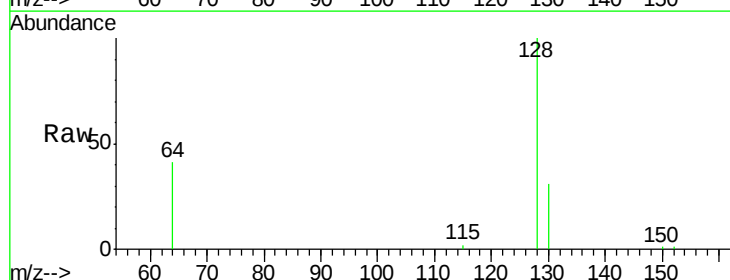
Tgt Ion: 128 Resp: 18856

Ion Ratio Lower Upper

128 100

130 31.4 22.2 62.2

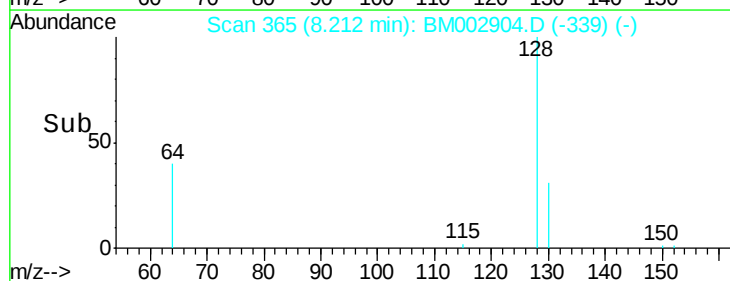
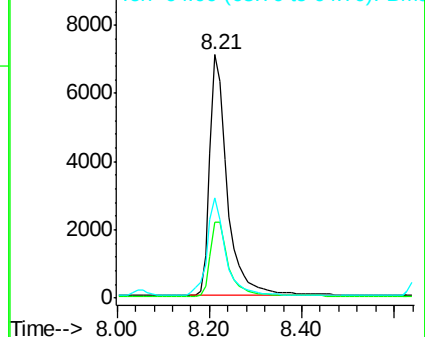
64 41.3 0.0 28.7#

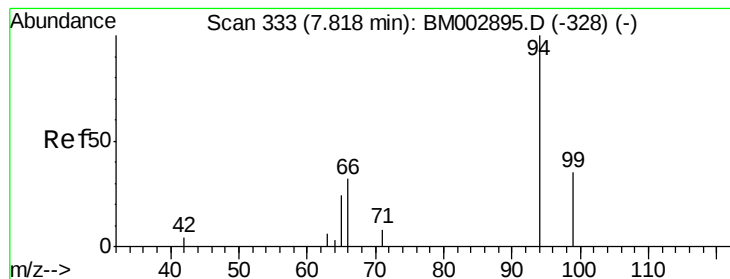


Abundance Ion 128.00 (127.70 to 128.70): BM002895.D (-360) (-)

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: 0.90 ng

RT: 7.82 min Scan# 333

Delta R.T. -0.00 min

Lab File: BM002904.D

Acq: 14 Oct 2015 19:28

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

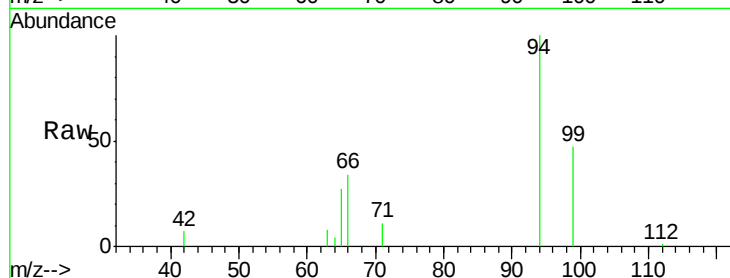
Tot Ion: 94 Resp: 20277

Ion Ratio Lower Upper

94 100

65 26.6 0.0 37.7

66 34.2 6.3 46.3

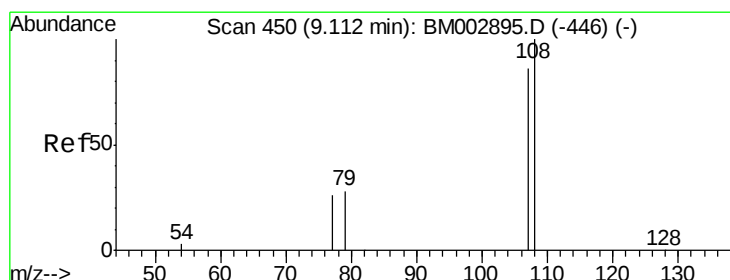
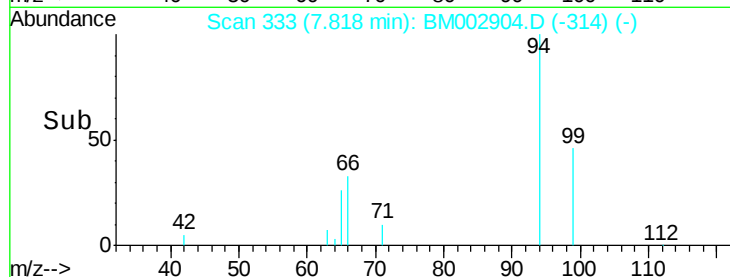


Abundance Ion 94.00 (93.70 to 94.70): BM002895.D (-328) (-)

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

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

Time-->



#6

2-Methylphenol

Concen: 0.90 ng

RT: 9.11 min Scan# 450

Delta R.T. -0.00 min

Lab File: BM002904.D

Acq: 14 Oct 2015 19:28

Tgt Ion: 107 Resp: 15489

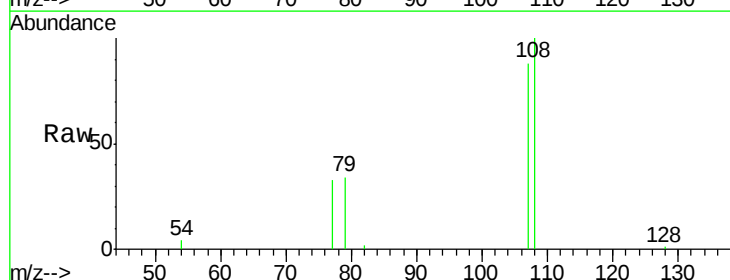
Ion Ratio Lower Upper

107 100

108 113.5 100.9 151.3

77 37.4 20.3 30.5#

79 38.9 22.8 34.2#



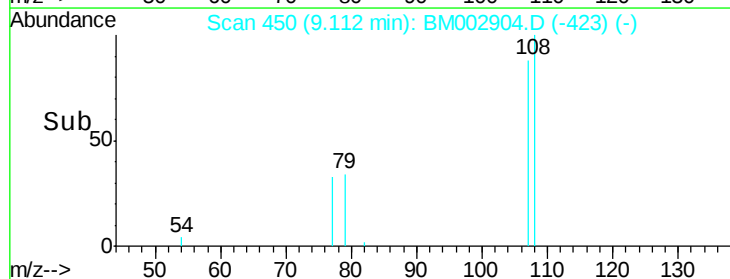
Abundance Ion 107.00 (106.70 to 107.70): BM002895.D (-446) (-)

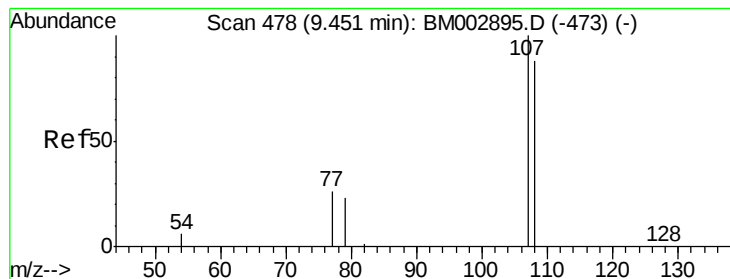
Ion 108.00 (107.70 to 108.70): BM002895.D (-446) (-)

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

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

Time-->





#7

3+4-Methylphenols

Concen: 0.88 ng

RT: 9.45 min Scan# 478

Delta R.T. -0.00 min

Lab File: BM002904.D

Acq: 14 Oct 2015 19:28

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

Tot Ion:107 Resp: 18794

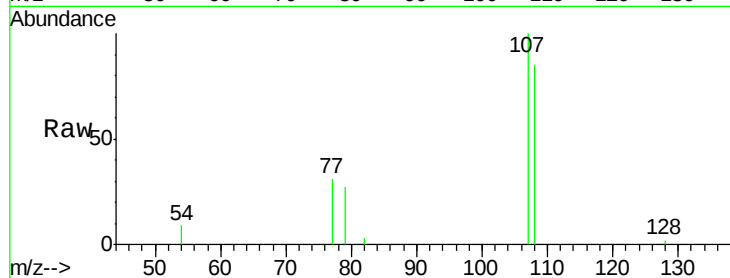
Ion Ratio Lower Upper

107 100

108 84.8 86.3 126.3#

77 31.1 151.7 191.7#

79 26.5 7.4 47.4

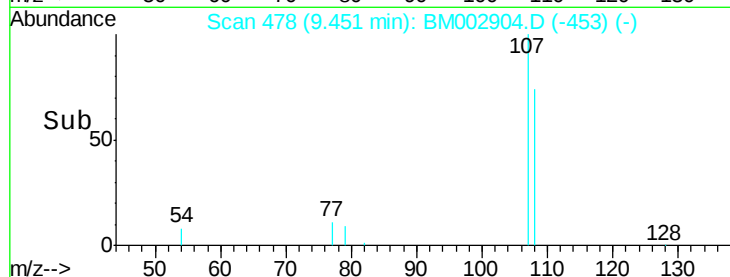


Abundance Ion 107.00 (106.70 to 107.70): E

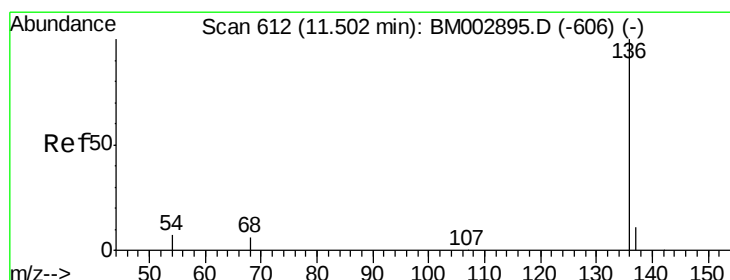
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



Time-->



#8

Naphthalene-d8

Concen: 5.00 ng

RT: 11.50 min Scan# 612

Delta R.T. -0.00 min

Lab File: BM002904.D

Acq: 14 Oct 2015 19:28

Tgt Ion:136 Resp: 345451

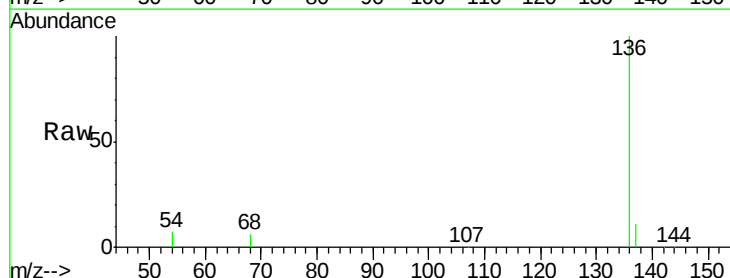
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 7.1 2.6 3.8#

68 6.1 2.2 3.2#

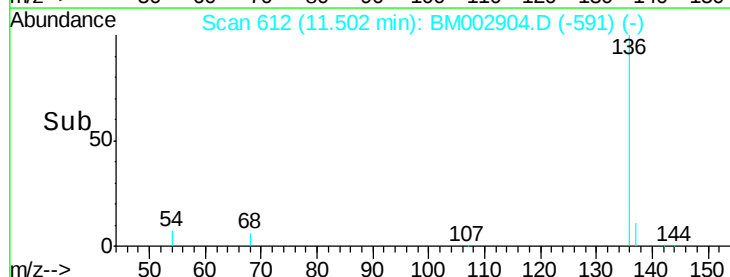


Abundance Ion 136.00 (135.70 to 136.70): E

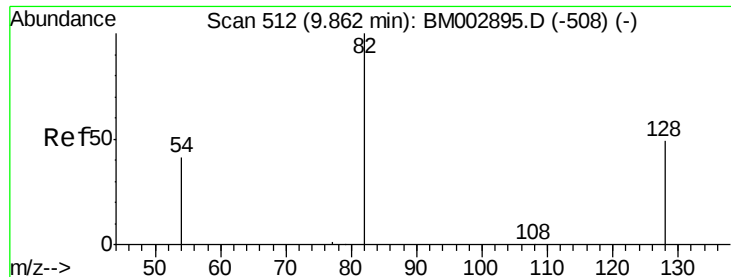
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM0

Ion 68.00 (67.70 to 68.70): BM0



Time-->



#9

Nitrobenzene-d5

Concen: 0.93 ng

RT: 9.86 min Scan# 512

Delta R.T. -0.00 min

Lab File: BM002904.D

Acq: 14 Oct 2015 19:28

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

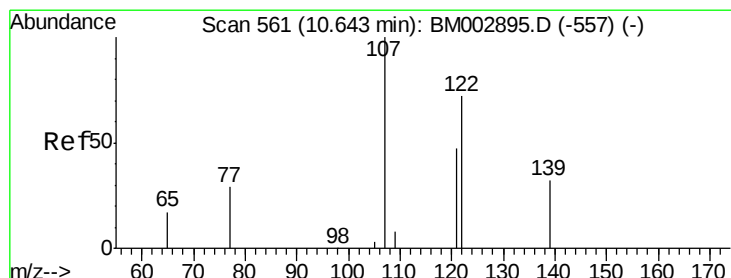
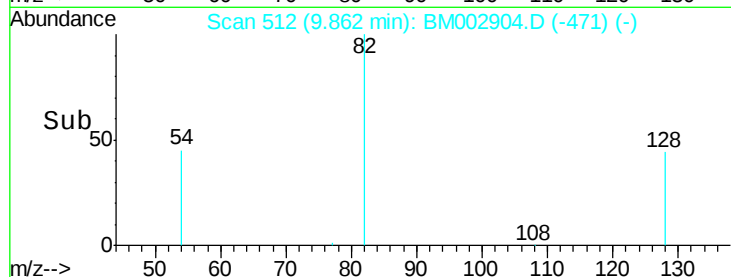
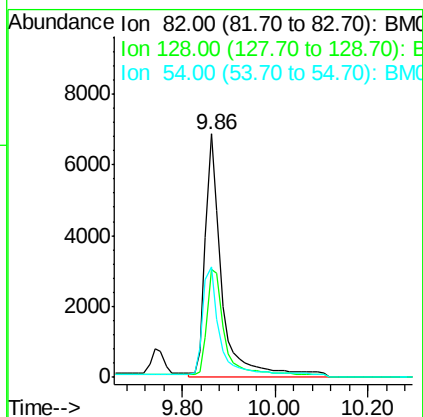
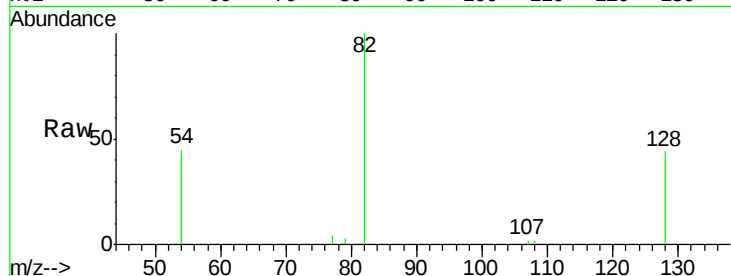
Tot Ion: 82 Resp: 17625

Ion Ratio Lower Upper

82 100

128 51.1 0.0 0.0#

54 51.9 59.0 88.6#



#10

2-Nitrophenol

Concen: 0.83 ng

RT: 10.64 min Scan# 561

Delta R.T. -0.00 min

Lab File: BM002904.D

Acq: 14 Oct 2015 19:28

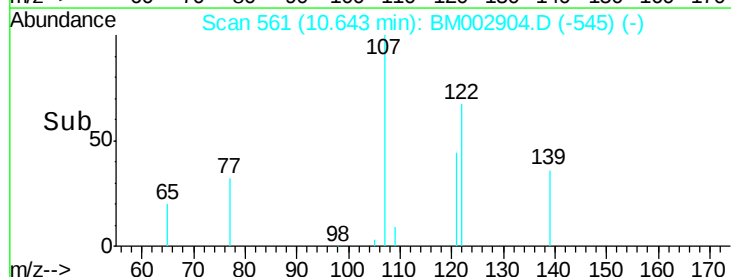
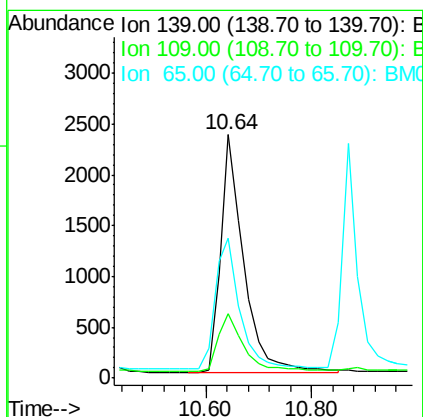
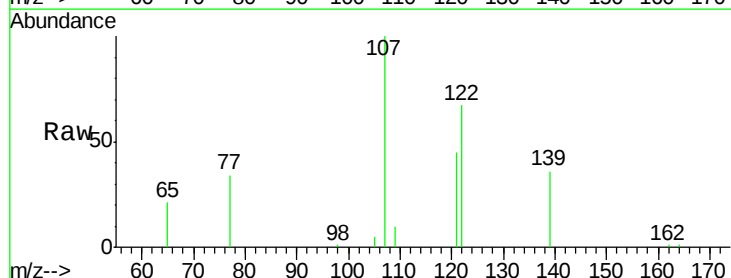
Tgt Ion: 139 Resp: 7172

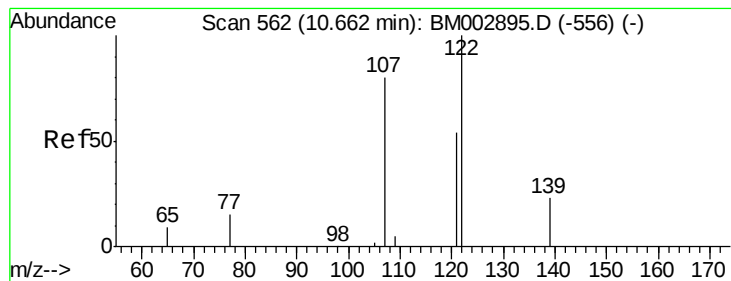
Ion Ratio Lower Upper

139 100

109 26.3 19.5 29.3

65 57.4 18.6 28.0#

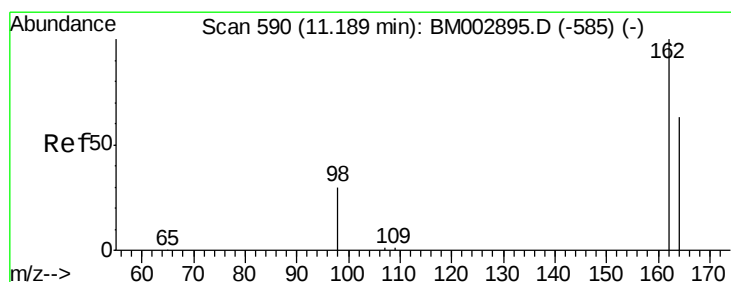
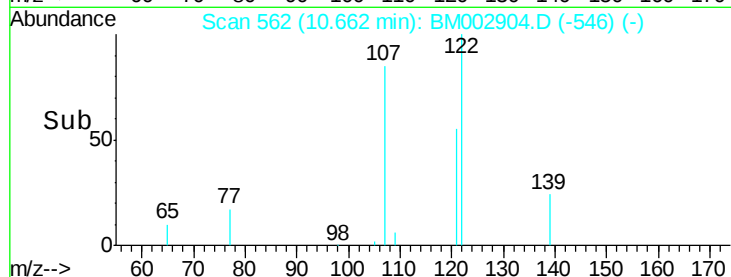
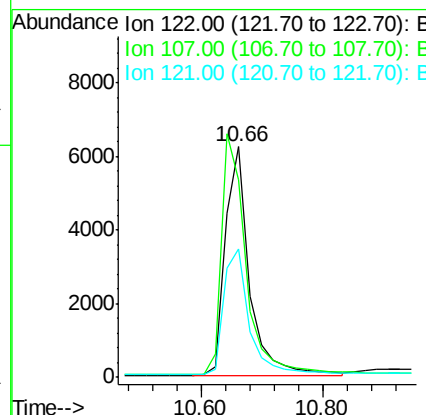
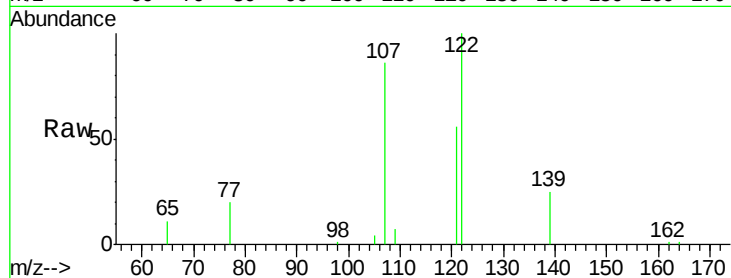




#11
 2,4-Dimethylphenol
 Concen: 0.88 ng
 RT: 10.66 min Scan# 562
 Delta R.T. -0.00 min
 Lab File: BM002904.D
 Acq: 14 Oct 2015 19:28

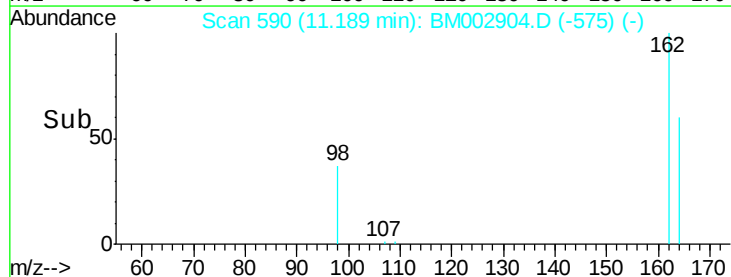
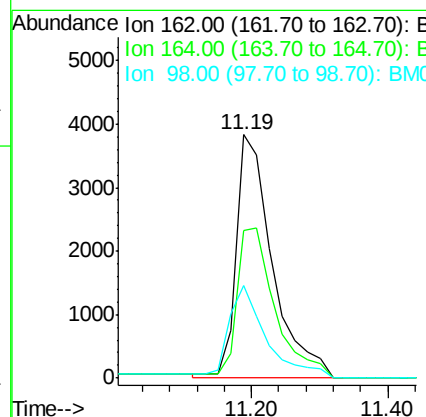
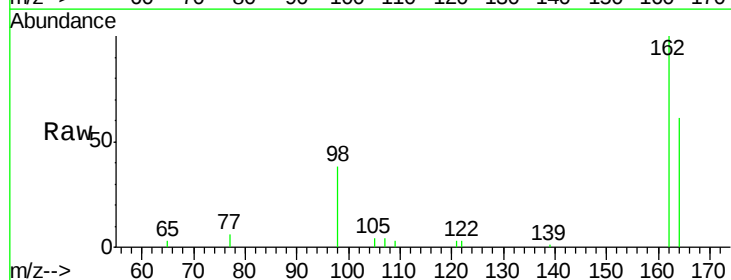
Instrument :
 BNA_M
 ClientSampleId :
 SSTCCCC001EC

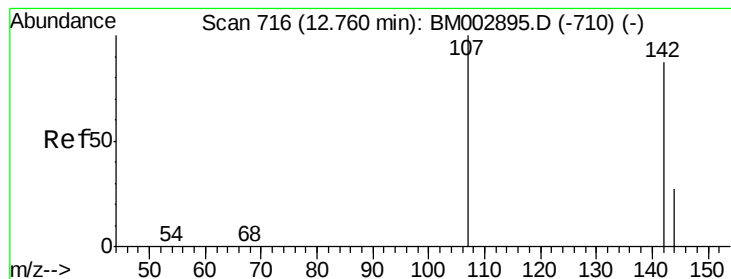
Tot Ion:122 Resp: 16848
 Ion Ratio Lower Upper
 122 100
 107 85.8 68.6 102.8
 121 55.6 44.8 67.2



#12
 2,4-Dichlorophenol
 Concen: 0.93 ng
 RT: 11.19 min Scan# 590
 Delta R.T. -0.02 min
 Lab File: BM002904.D
 Acq: 14 Oct 2015 19:28

Tgt Ion:162 Resp: 13766
 Ion Ratio Lower Upper
 162 100
 164 60.5 49.2 89.2
 98 37.9 0.0 37.4#





#13

4-Chloro-3-methylphenol

Concen: 0.87 ng

RT: 12.76 min Scan# 716

Delta R.T. -0.00 min

Lab File: BM002904.D

Acq: 14 Oct 2015 19:28

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

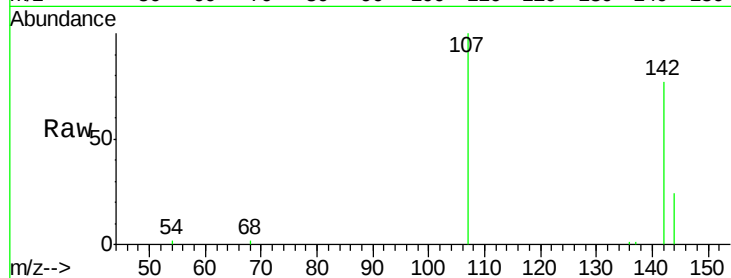
Tot Ion:107 Resp: 16175

Ion Ratio Lower Upper

107 100

144 23.9 16.2 24.2

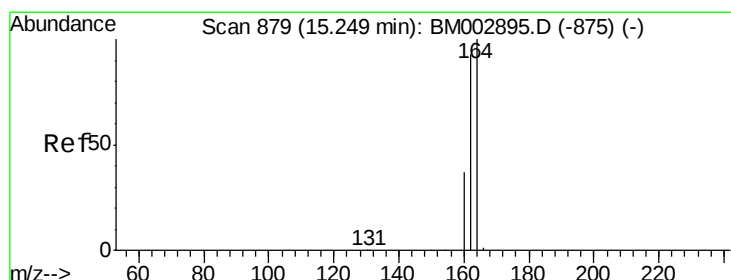
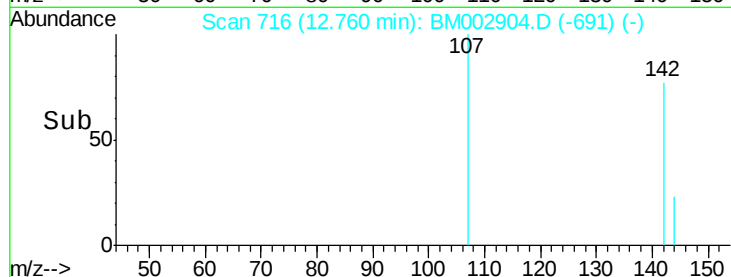
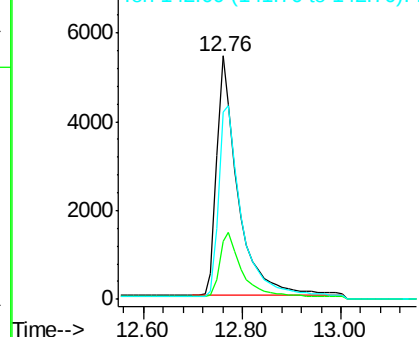
142 76.7 49.8 74.6#



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#14

Acenaphthene-d10

Concen: 5.00 ng

RT: 15.25 min Scan# 879

Delta R.T. -0.00 min

Lab File: BM002904.D

Acq: 14 Oct 2015 19:28

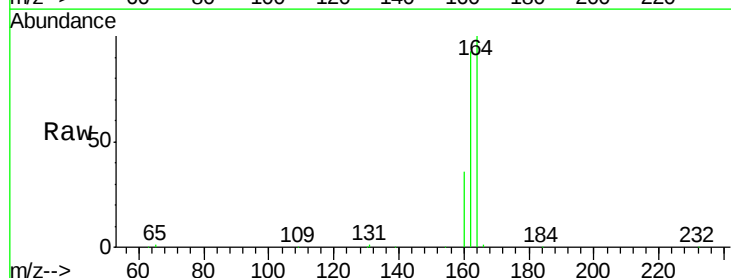
Tgt Ion:164 Resp: 182289

Ion Ratio Lower Upper

164 100

162 92.7 79.2 118.8

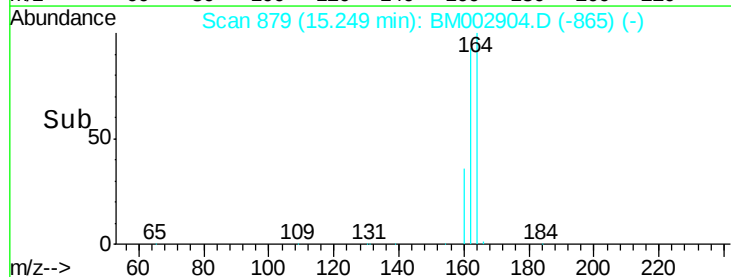
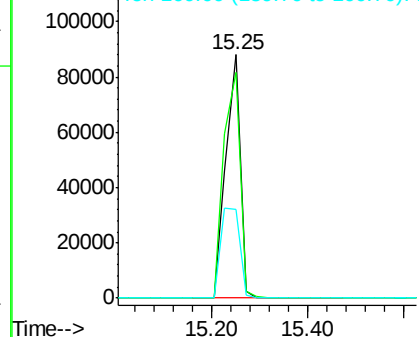
160 36.2 33.7 50.5

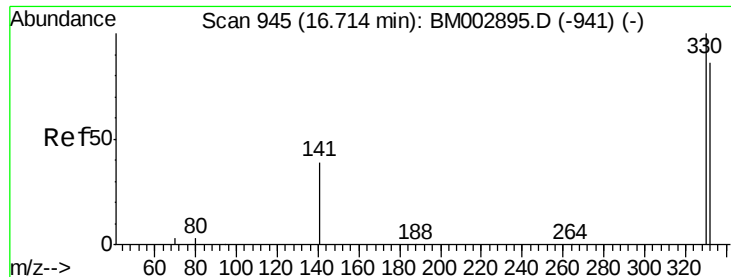


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

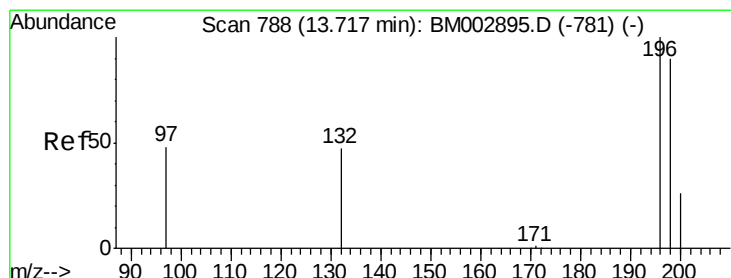
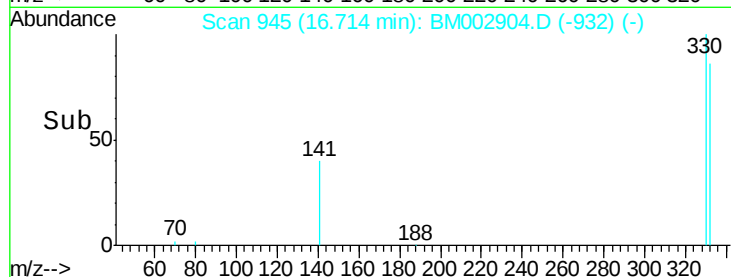
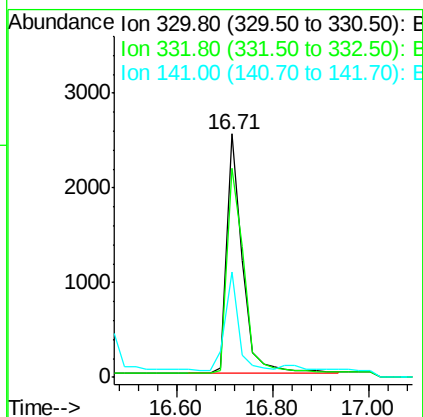
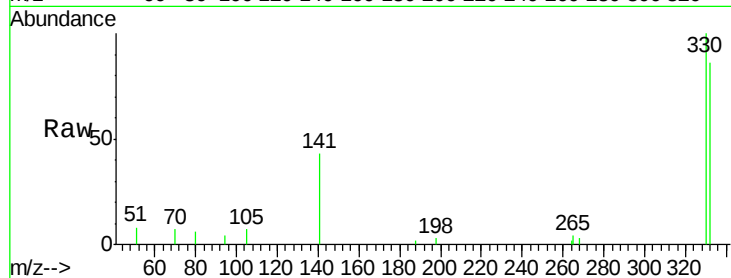




#15
 2,4,6-Tribromophenol
 Concen: 0.85 ng
 RT: 16.71 min Scan# 945
 Delta R.T. -0.00 min
 Lab File: BM002904.D
 Acq: 14 Oct 2015 19:28

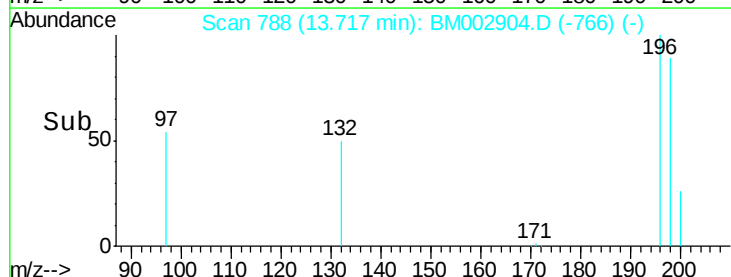
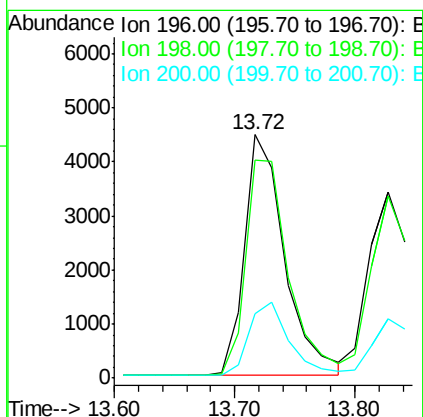
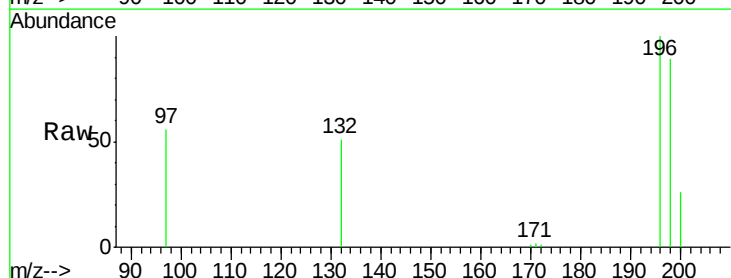
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001EC

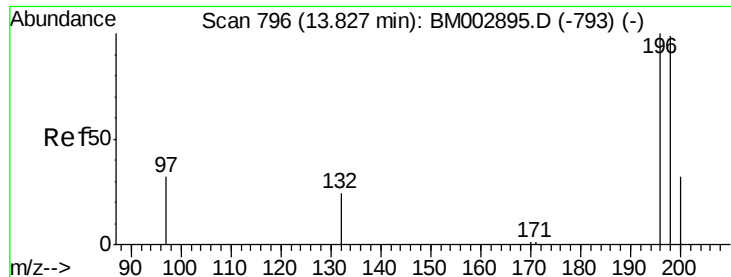
Tot Ion:330 Resp: 5675
 Ion Ratio Lower Upper
 330 100
 332 94.5 74.0 111.0
 141 35.4 24.1 36.1



#16
 2,4,6-Trichlorophenol
 Concen: 0.87 ng
 RT: 13.72 min Scan# 788
 Delta R.T. -0.00 min
 Lab File: BM002904.D
 Acq: 14 Oct 2015 19:28

Tgt Ion:196 Resp: 10289
 Ion Ratio Lower Upper
 196 100
 198 89.3 54.2 81.2#
 200 26.5 17.1 25.7#

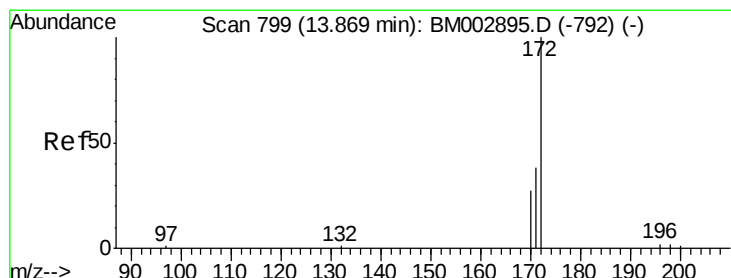
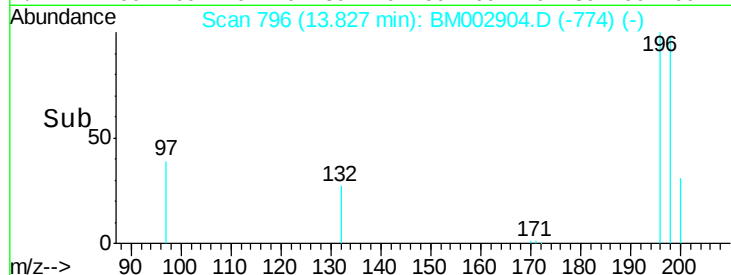
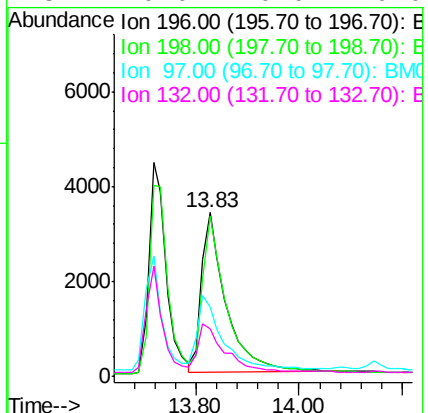
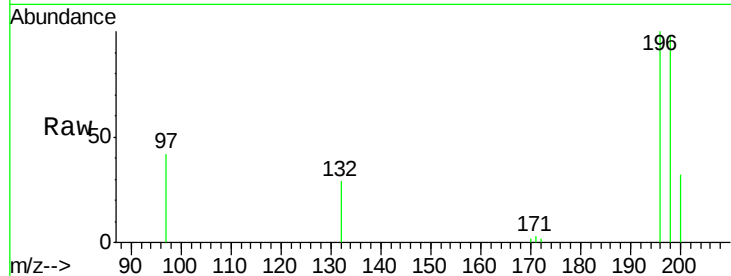




#17
2,4,5-Trichlorophenol
Concen: 0.89 ng
RT: 13.83 min Scan# 796
Delta R.T. -0.00 min
Lab File: BM002904.D
Acq: 14 Oct 2015 19:28

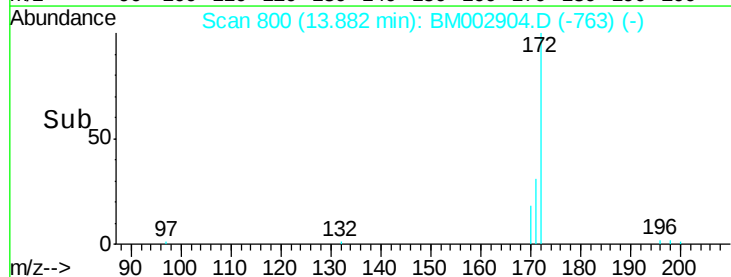
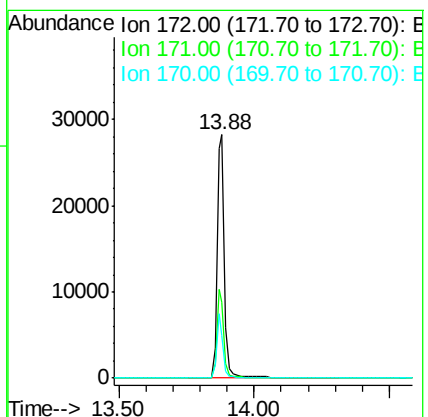
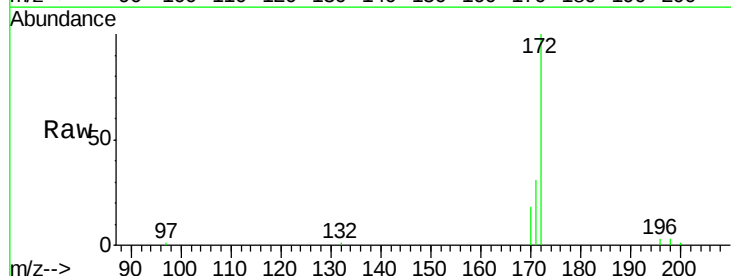
Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

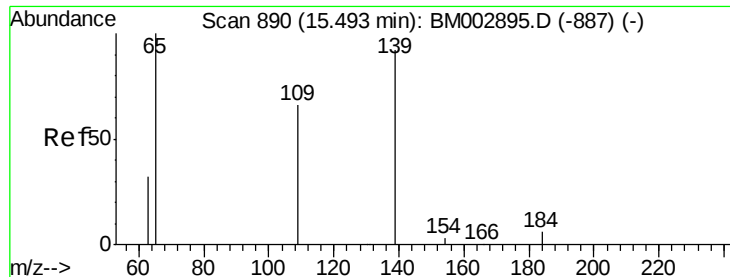
Tot Ion:196 Resp: 11206
Ion Ratio Lower Upper
196 100
198 97.6 73.6 110.4
97 42.1 0.0 0.0#
132 29.0 0.0 0.0#



#18
2-Fluorobiphenyl
Concen: 0.93 ng
RT: 13.88 min Scan# 800
Delta R.T. 0.01 min
Lab File: BM002904.D
Acq: 14 Oct 2015 19:28

Tgt Ion:172 Resp: 55416
Ion Ratio Lower Upper
172 100
171 34.8 0.0 0.0#
170 22.9 0.0 0.0#

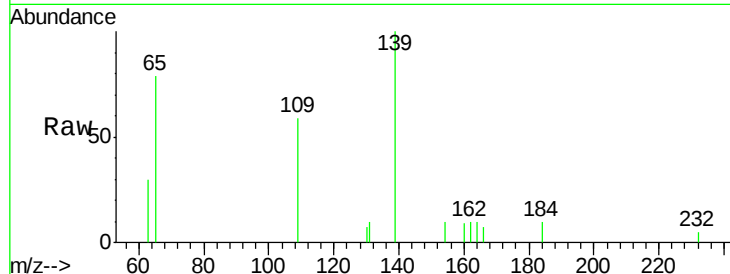




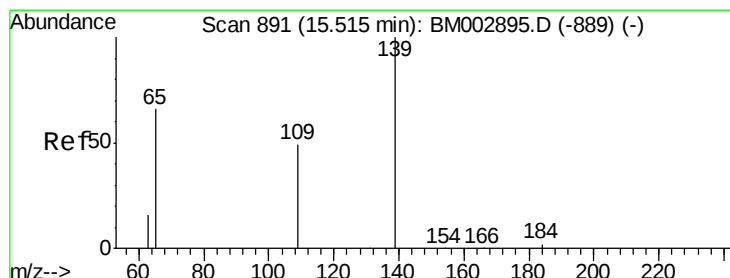
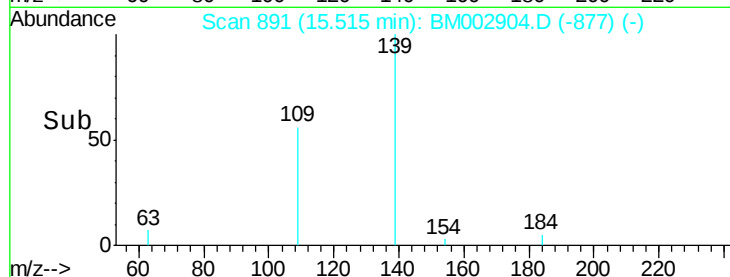
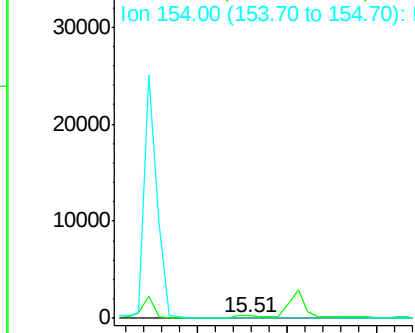
#19
2,4-Dinitrophenol
Concen: 0.90 ng
RT: 15.51 min Scan# 891
Delta R.T. -0.00 min
Lab File: BM002904.D
Acq: 14 Oct 2015 19:28

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tot Ion:184 Resp: 354
Ion Ratio Lower Upper
184 100
63 295.7 52.0 78.0#
154 96.8 51.4 77.2#

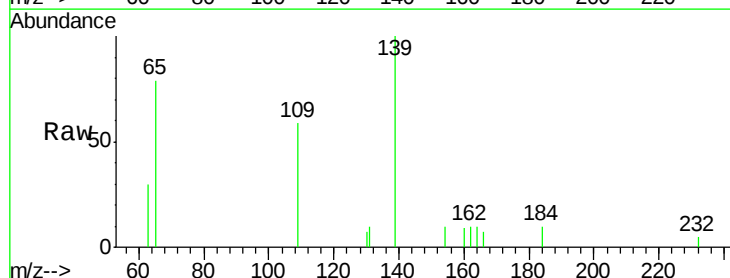


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BM0
Ion 154.00 (153.70 to 154.70): E

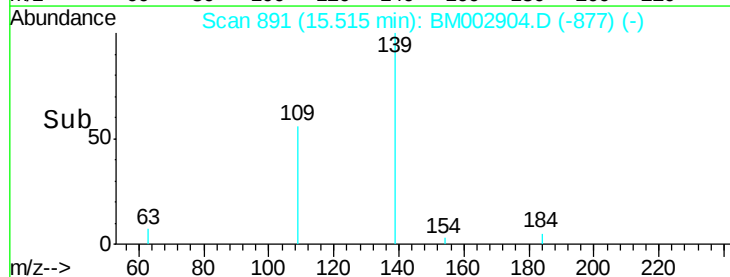
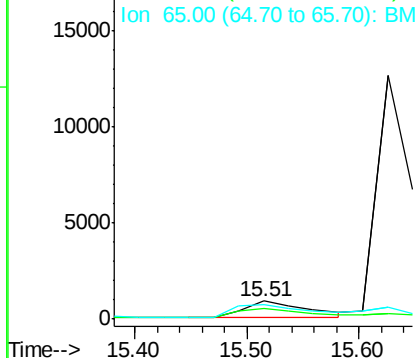


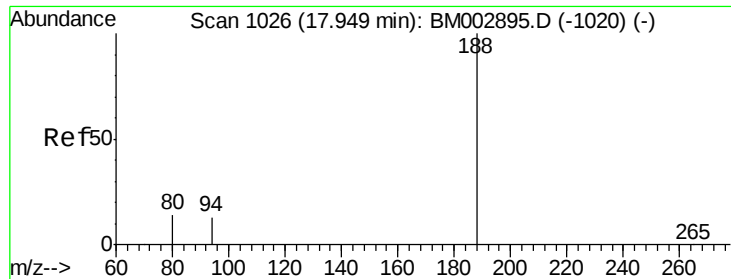
#20
4-Nitrophenol
Concen: 0.89 ng
RT: 15.51 min Scan# 891
Delta R.T. -0.00 min
Lab File: BM002904.D
Acq: 14 Oct 2015 19:28

Tgt Ion:139 Resp: 3387
Ion Ratio Lower Upper
139 100
109 59.1 60.0 100.0#
65 78.7 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

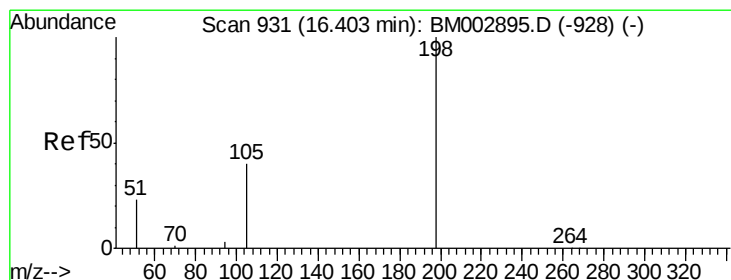
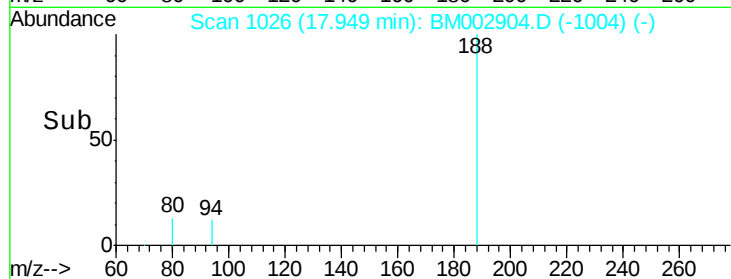
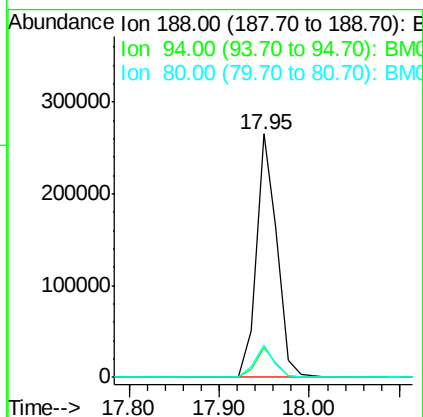
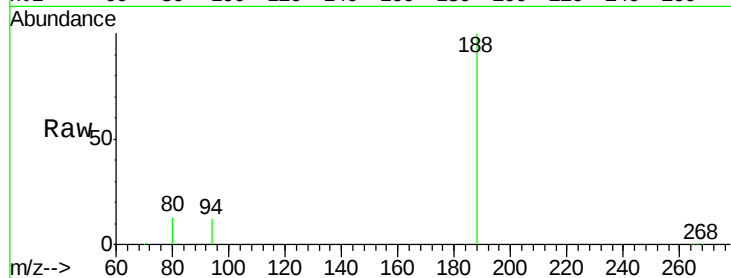




#21
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.95 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BM002904.D
Acq: 14 Oct 2015 19:28

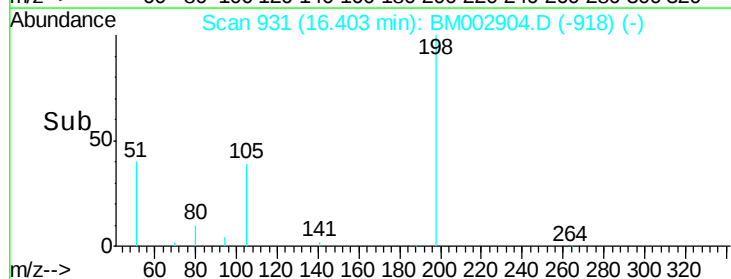
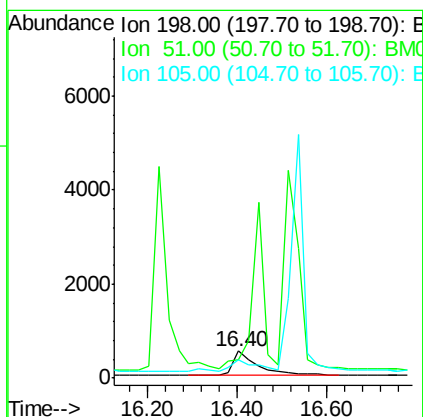
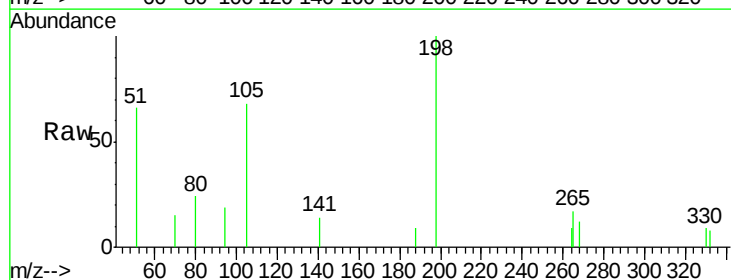
Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

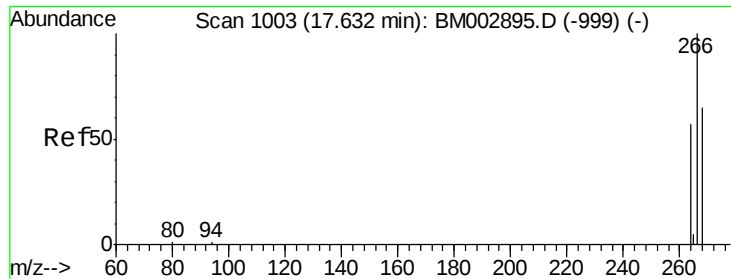
Tot Ion:188 Resp: 420393
Ion Ratio Lower Upper
188 100
94 12.3 2.9 4.3#
80 13.5 2.5 3.7#



#22
4,6-Dinitro-2-methylphenol
Concen: 0.85 ng
RT: 16.40 min Scan# 931
Delta R.T. -0.00 min
Lab File: BM002904.D
Acq: 14 Oct 2015 19:28

Tgt Ion:198 Resp: 2025
Ion Ratio Lower Upper
198 100
51 66.5 60.8 100.8
105 68.4 30.0 70.0

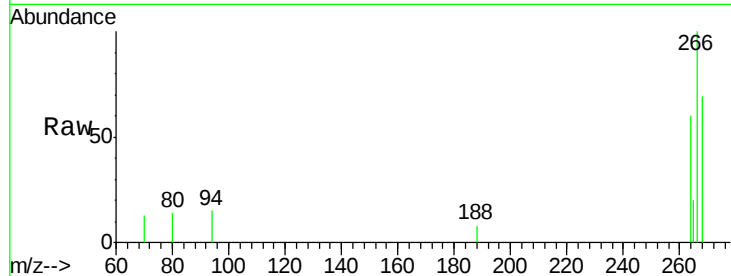




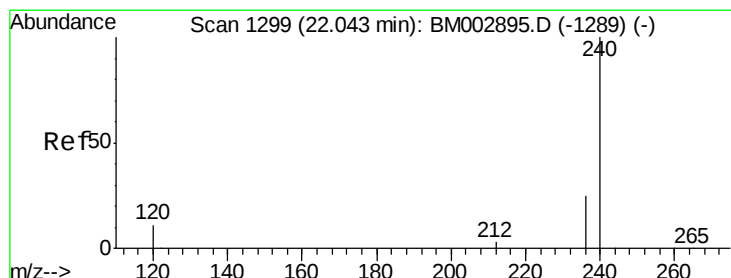
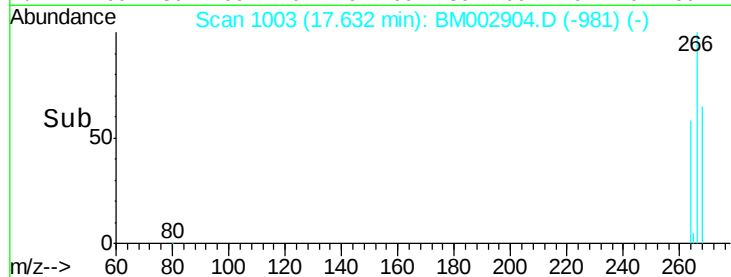
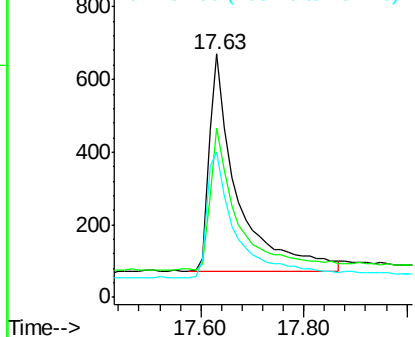
#23
 Pentachlorophenol
 Concen: 1.03 ng
 RT: 17.63 min Scan# 1003
 Delta R.T. -0.00 min
 Lab File: BM002904.D
 Acq: 14 Oct 2015 19:28

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001EC

Tot Ion:266 Resp: 2265
 Ion Ratio Lower Upper
 266 100
 268 69.3 62.6 94.0
 264 59.8 47.9 71.9

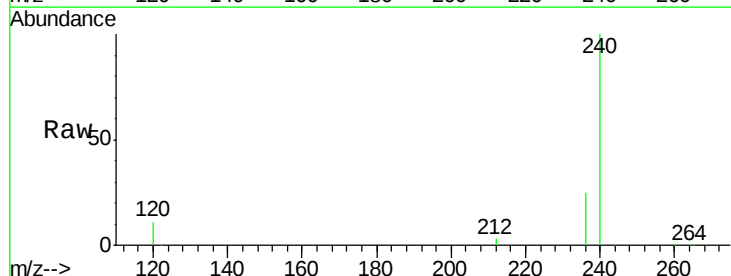


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

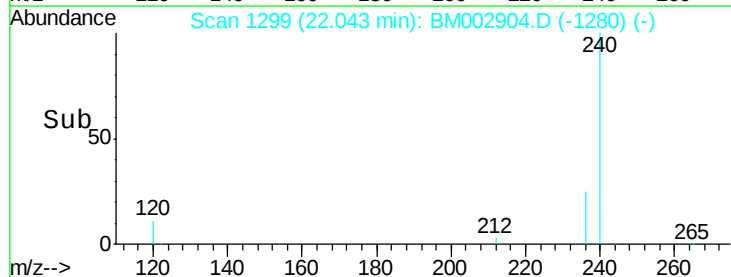
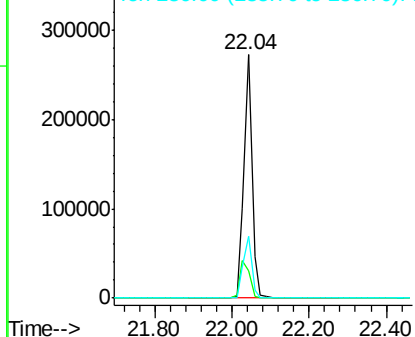


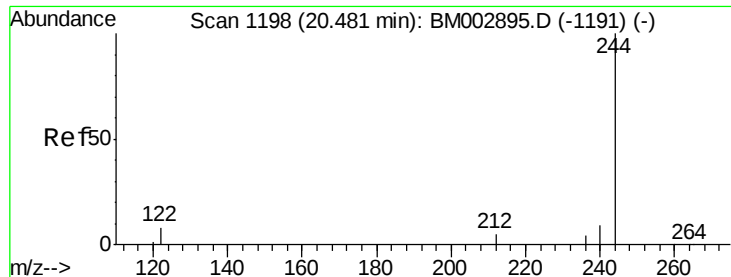
#24
 Chrysene-d12
 Concen: 5.00 ng
 RT: 22.04 min Scan# 1299
 Delta R.T. -0.00 min
 Lab File: BM002904.D
 Acq: 14 Oct 2015 19:28

Tgt Ion:240 Resp: 398620
 Ion Ratio Lower Upper
 240 100
 120 11.5 10.4 15.6
 236 25.1 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





#25

Terphenyl-d14

Concen: 0.93 ng

RT: 20.48 min Scan# 1198

Delta R.T. -0.00 min

Lab File: BM002904.D

Acq: 14 Oct 2015 19:28

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

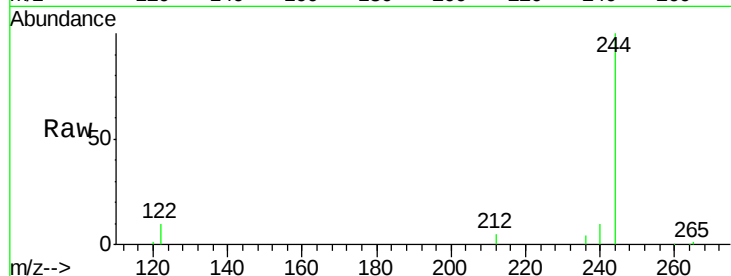
Tot Ion:244 Resp: 56184

Ion Ratio Lower Upper

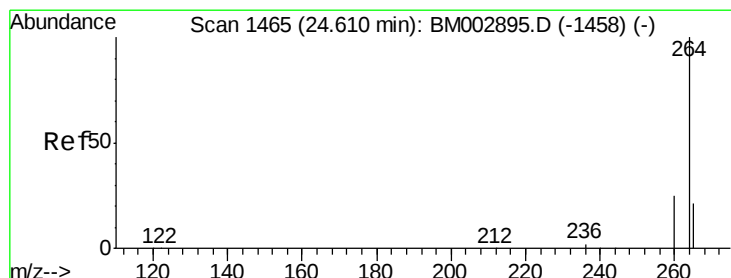
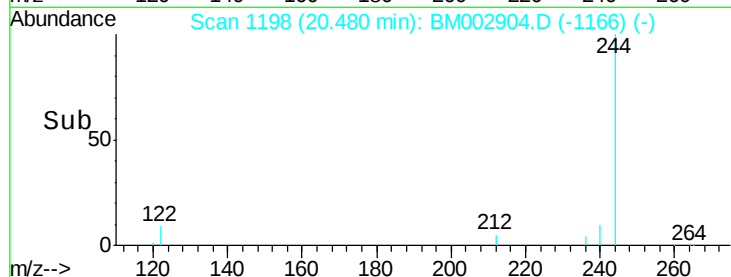
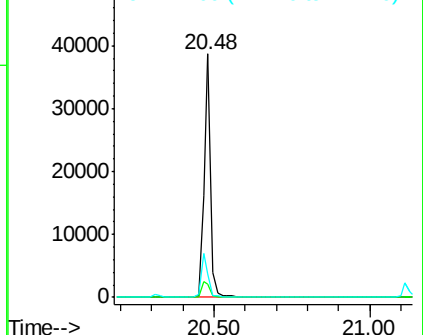
244 100

212 7.9 7.3 10.9

122 18.7 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: BM002904.D

Acq: 14 Oct 2015 19:28

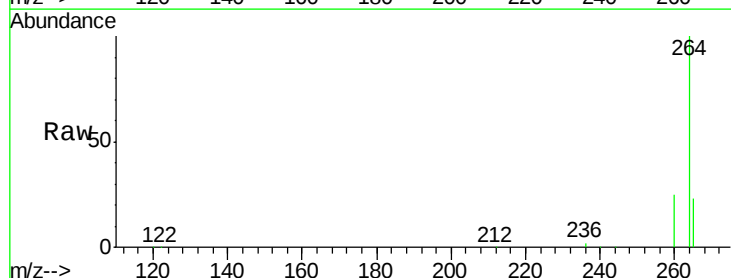
Tgt Ion:264 Resp: 368537

Ion Ratio Lower Upper

264 100

260 24.8 19.7 29.5

265 22.7 17.4 26.2



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

