

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101315\
 Data File : BM002892.D
 Acq On : 13 Oct 2015 18:33
 Operator : UM/IZ
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.2

Quant Time: Oct 14 11:15:29 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 11:09:27 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.66	152	80984	5.00	ng	0.00
8) Naphthalene-d8	11.50	136	335318	5.00	ng	0.00
14) Acenaphthene-d10	15.25	164	188291	5.00	ng	0.00
21) Phenanthrene-d10	17.95	188	437069	5.00	ng	0.00
24) Chrysene-d12	22.04	240	411283	5.00	ng	0.00
26) Perylene-d12	24.61	264	386563	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 2-Fluorophenol	6.18	112	2589	0.19	ng	0.05
3) Phenol-d6	7.82	99	4753	0.26	ng	0.03
9) Nitrobenzene-d5	9.89	82	5017	0.26	ng	0.02
15) 2,4,6-Tribromophenol	16.74	330	1263	0.16	ng	0.02
18) 2-Fluorobiphenyl	13.88	172	13066	0.22	ng	0.01
25) Terphenyl-d14	20.48	244	13363	0.24	ng	0.00

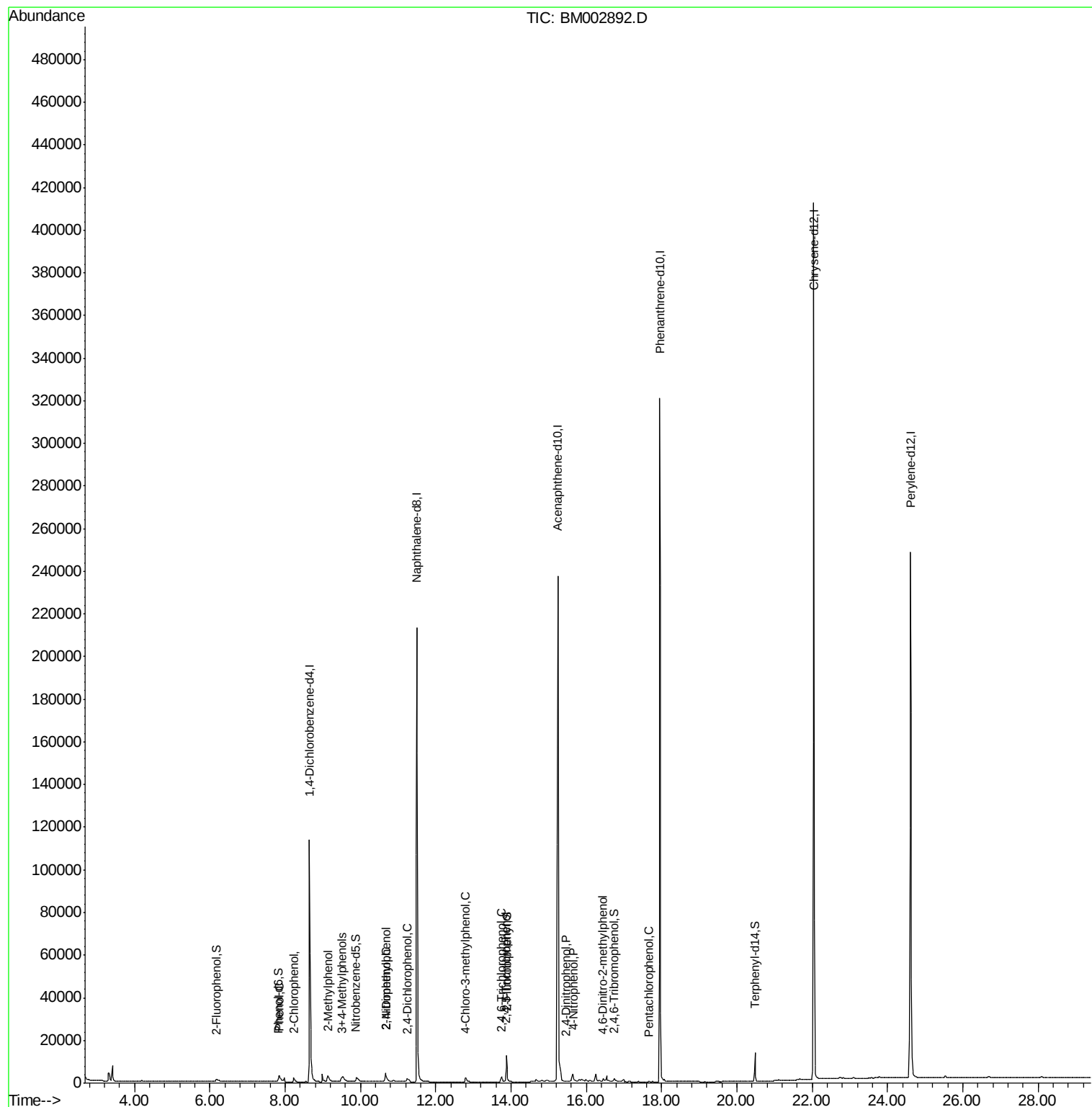
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) 2-Chlorophenol	8.23	128	4354	0.34	ng	# 75
5) Phenol	7.85	94	5435	0.30	ng	# 79
6) 2-Methylphenol	9.14	107	3649	0.35	ng	# 76
7) 3+4-Methylphenols	9.50	107	4021	0.30	ng	# 41
10) 2-Nitrophenol	10.68	139	1608	0.21	ng	# 56
11) 2,4-Dimethylphenol	10.68	122	3670	0.22	ng	# 96
12) 2,4-Dichlorophenol	11.25	162	2530	0.16	ng	# 87
13) 4-Chloro-3-methylphenol	12.80	107	3490	0.20	ng	# 68
16) 2,4,6-Trichlorophenol	13.74	196	2280	0.17	ng	# 67
17) 2,4,5-Trichlorophenol	13.87	196	2265	0.15	ng	# 93
19) 2,4-Dinitrophenol	15.45	184	15	0.01	ng	# 13
20) 4-Nitrophenol	15.65	139	7232	0.71	ng	# 9
22) 4,6-Dinitro-2-methylphenol	16.45	198	263	0.03	ng	# 1
23) Pentachlorophenol	17.66	266	303	0.04	ng	# 81

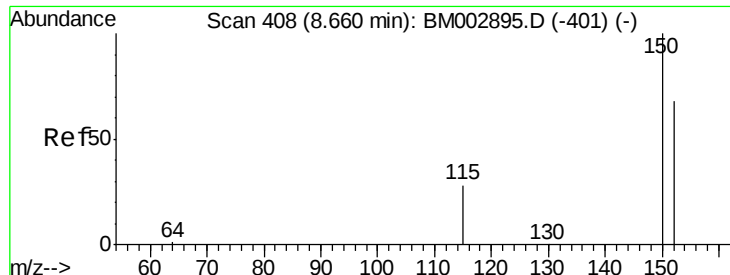
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101315\
Data File : BM002892.D
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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Time: Oct 14 11:15:29 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SIM-ACID-BM0101315.M
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QLast Update : Wed Oct 14 11:09:27 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.66 min Scan# 408

Delta R.T. -0.00 min

Lab File: BM002892.D

Acq: 13 Oct 2015 18:33

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.2

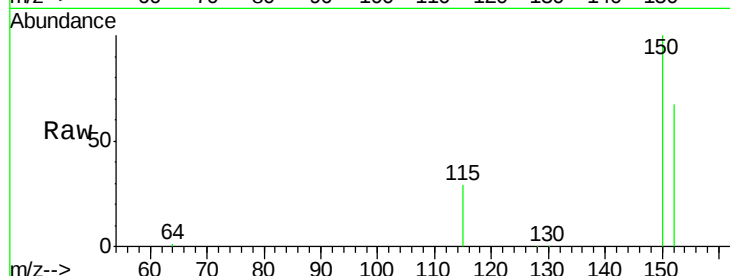
Tot Ion:152 Resp: 80984

Ion Ratio Lower Upper

152 100

150 148.5 116.3 174.5

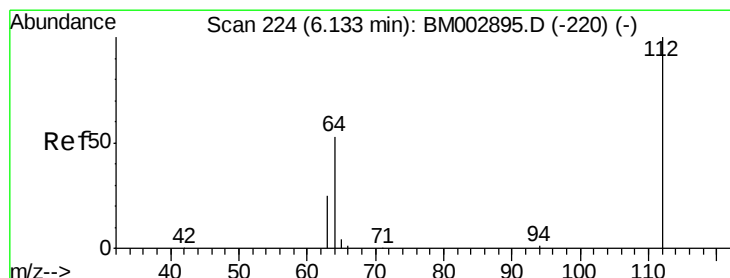
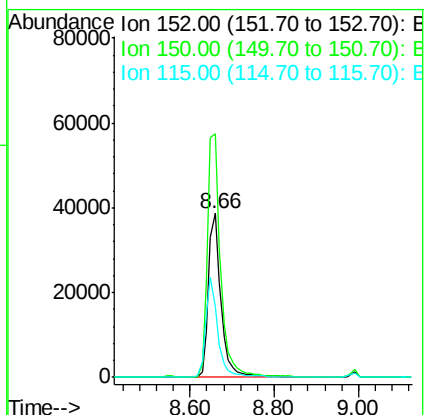
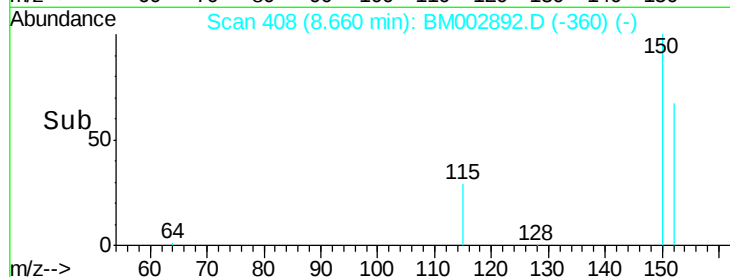
115 43.3 31.9 47.9



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: 0.19 ng

RT: 6.18 min Scan# 227

Delta R.T. 0.05 min

Lab File: BM002892.D

Acq: 13 Oct 2015 18:33

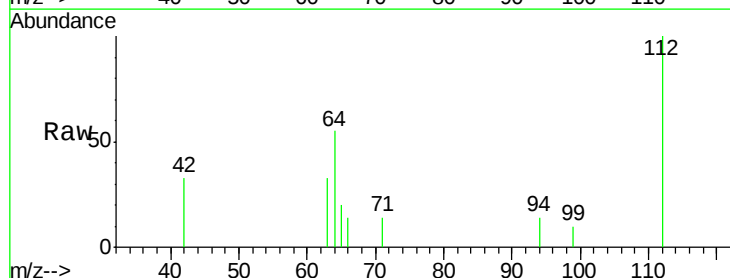
Tgt Ion:112 Resp: 2589

Ion Ratio Lower Upper

112 100

64 54.9 49.3 73.9

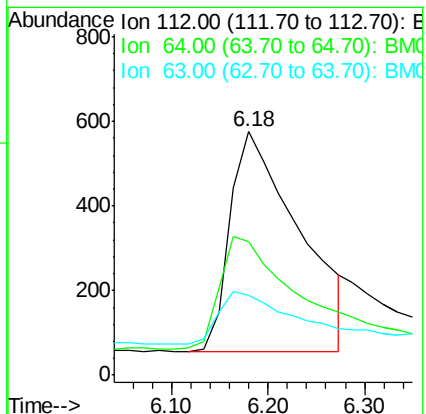
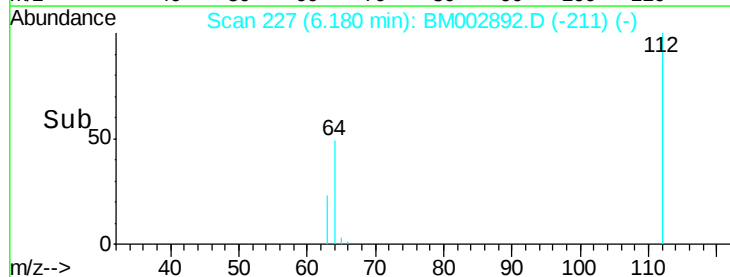
63 33.0 26.2 39.4

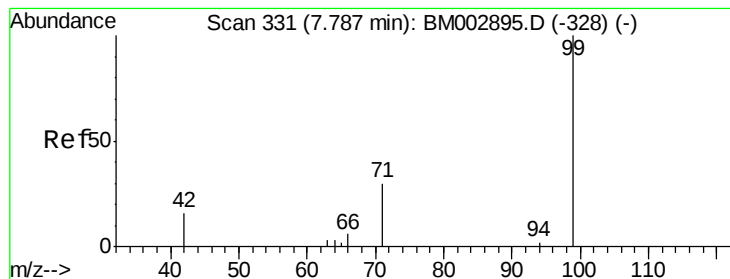


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#3

Phenol-d6

Concen: 0.26 ng

RT: 7.82 min Scan# 333

Delta R.T. 0.03 min

Lab File: BM002892.D

Acq: 13 Oct 2015 18:33

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.2

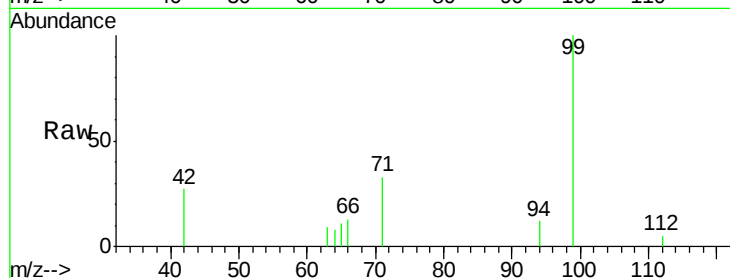
Tot Ion: 99 Resp: 4753

Ion Ratio Lower Upper

99 100

42 27.2 12.1 18.1#

71 33.3 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) (-)

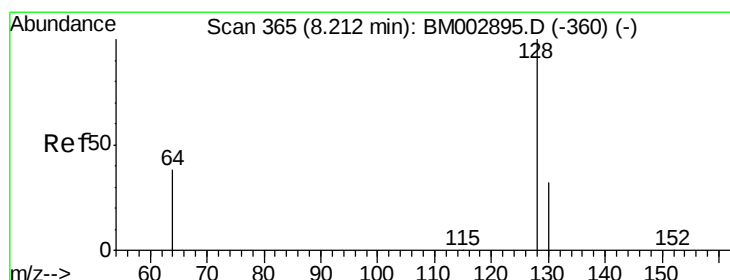
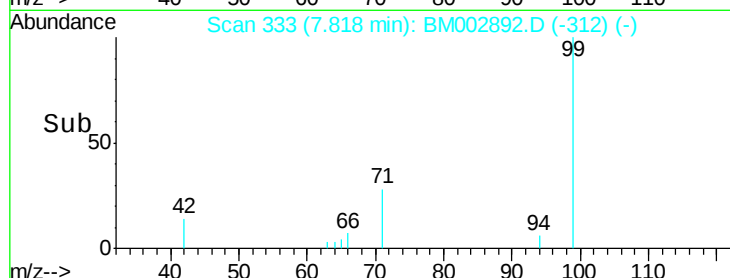
7.82

1000

500

0

Time-->



#4

2-Chlorophenol

Concen: 0.34 ng

RT: 8.23 min Scan# 367

Delta R.T. 0.02 min

Lab File: BM002892.D

Acq: 13 Oct 2015 18:33

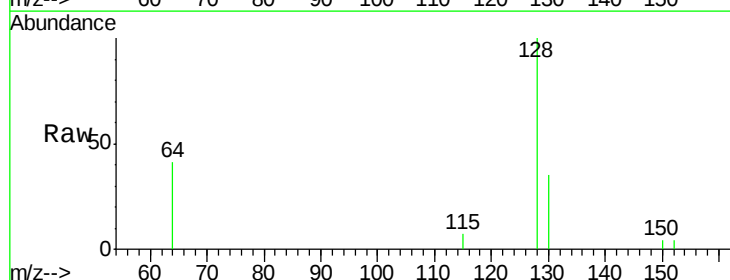
Tgt Ion: 128 Resp: 4354

Ion Ratio Lower Upper

128 100

130 34.9 22.2 62.2

64 40.9 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) (-)

8.23

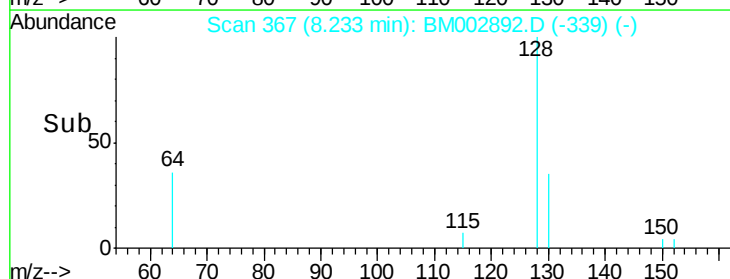
1500

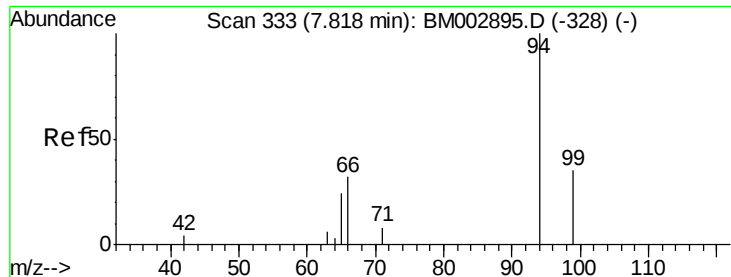
1000

500

0

Time-->





#5

Phenol

Concen: 0.30 ng

RT: 7.85 min Scan# 335

Delta R.T. 0.03 min

Lab File: BM002892.D

Acq: 13 Oct 2015 18:33

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.2

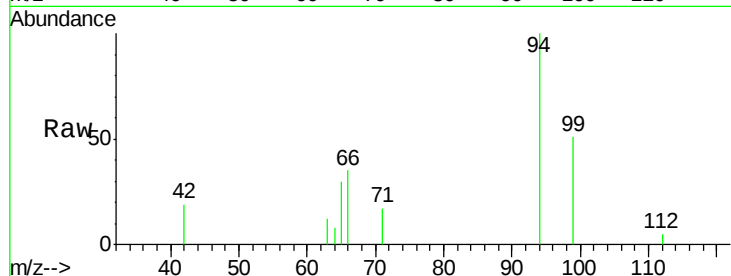
Tot Ion: 94 Resp: 5435

Ion Ratio Lower Upper

94 100

65 29.7 0.0 37.7

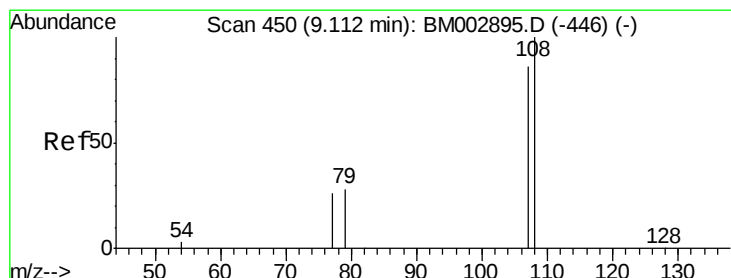
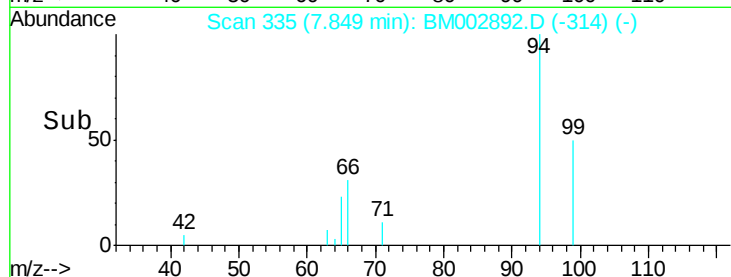
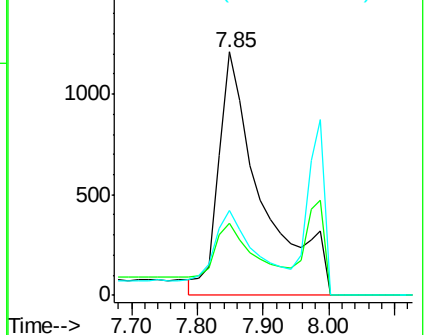
66 35.0 6.3 46.3



Abundance Ion 94.00 (93.70 to 94.70): BM002892.D (-328) (-)

Ion 65.00 (64.70 to 65.70): BM002892.D (-328) (-)

Ion 66.00 (65.70 to 66.70): BM002892.D (-328) (-)



#6

2-Methylphenol

Concen: 0.35 ng

RT: 9.14 min Scan# 452

Delta R.T. 0.02 min

Lab File: BM002892.D

Acq: 13 Oct 2015 18:33

Tgt Ion: 107 Resp: 3649

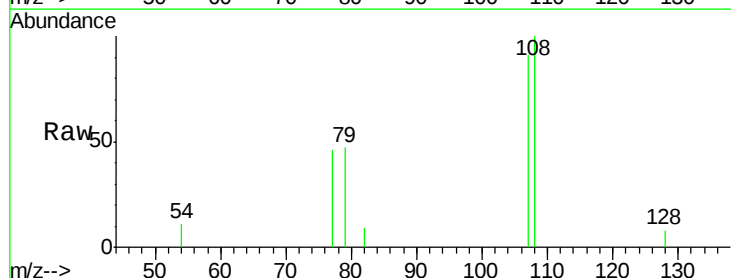
Ion Ratio Lower Upper

107 100

108 109.3 100.9 151.3

77 50.2 20.3 30.5#

79 51.6 22.8 34.2#

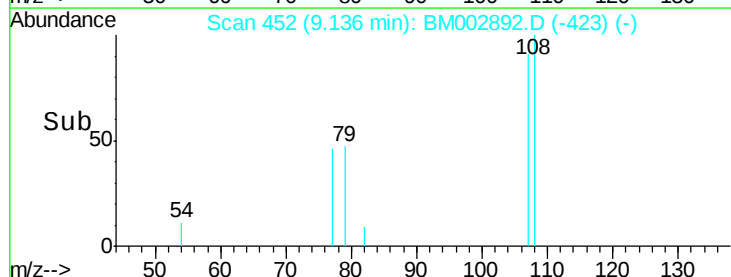
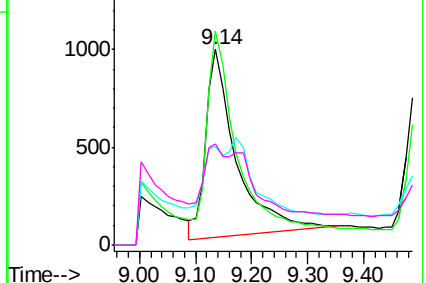


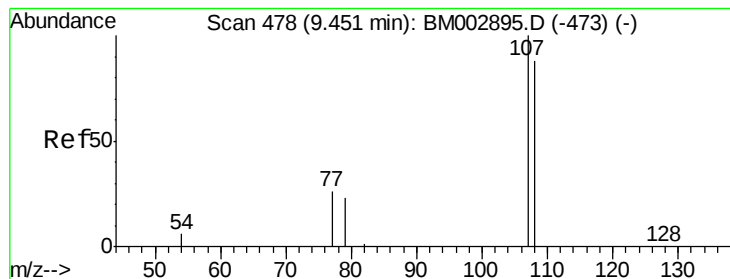
Abundance Ion 107.00 (106.70 to 107.70): BM002892.D (-423) (-)

Ion 108.00 (107.70 to 108.70): BM002892.D (-423) (-)

Ion 77.00 (76.70 to 77.70): BM002892.D (-423) (-)

Ion 79.00 (78.70 to 79.70): BM002892.D (-423) (-)





#7

3+4-Methylphenols

Concen: 0.30 ng

RT: 9.50 min Scan# 482

Delta R.T. 0.05 min

Lab File: BM002892.D

Acq: 13 Oct 2015 18:33

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.2

Tot Ion:107 Resp: 4021

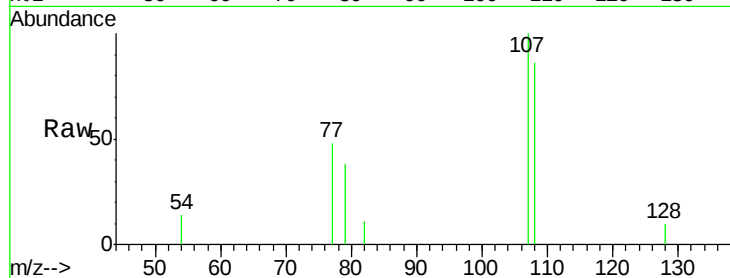
Ion Ratio Lower Upper

107 100

108 85.8 86.3 126.3#

77 47.5 151.7 191.7#

79 37.8 7.4 47.4

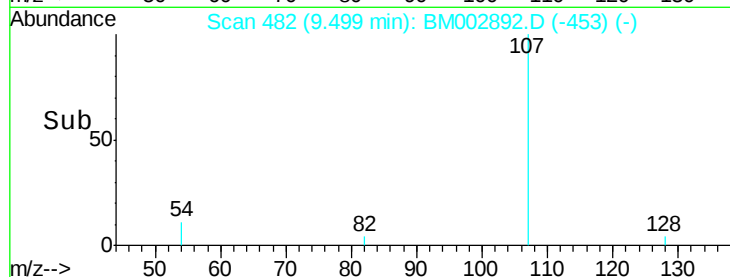


Abundance Ion 107.00 (106.70 to 107.70): E

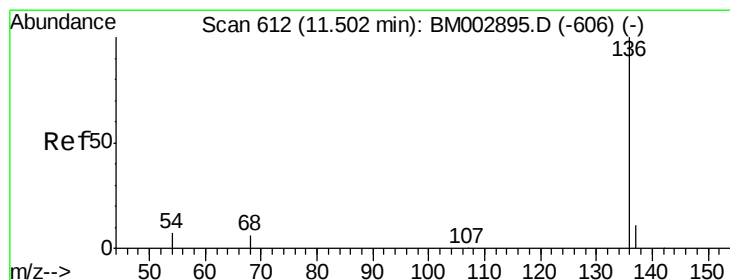
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



Time-->



#8

Naphthalene-d8

Concen: 5.00 ng

RT: 11.50 min Scan# 612

Delta R.T. -0.00 min

Lab File: BM002892.D

Acq: 13 Oct 2015 18:33

Tgt Ion:136 Resp: 335318

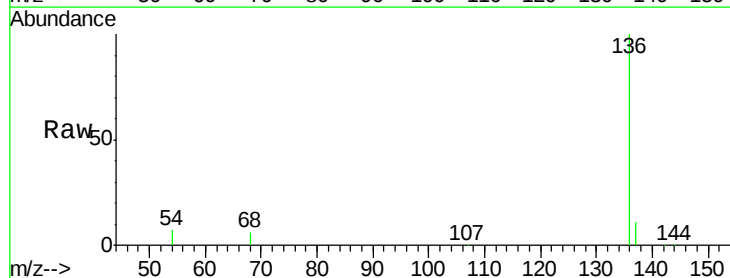
Ion Ratio Lower Upper

136 100

137 10.6 9.1 13.7

54 7.5 2.6 3.8#

68 6.2 2.2 3.2#

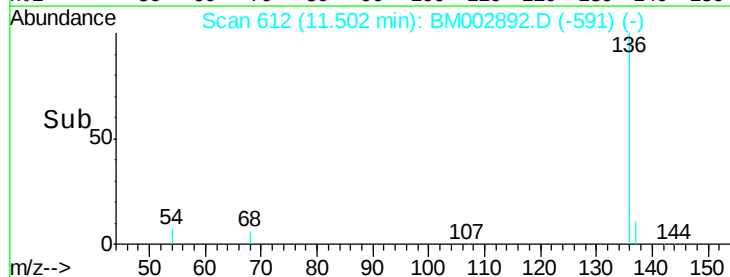


Abundance Ion 136.00 (135.70 to 136.70): E

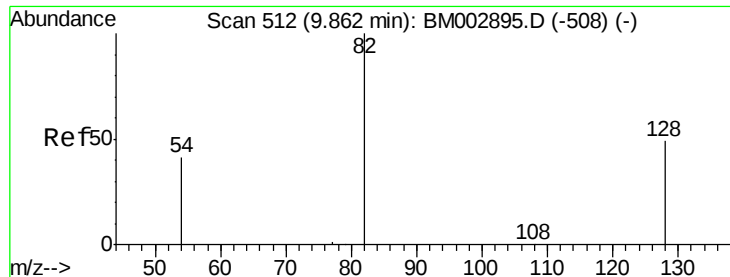
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



Time-->



#9

Nitrobenzene-d5

Concen: 0.26 ng

RT: 9.89 min Scan# 514

Delta R.T. 0.02 min

Lab File: BM002892.D

Acq: 13 Oct 2015 18:33

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.2

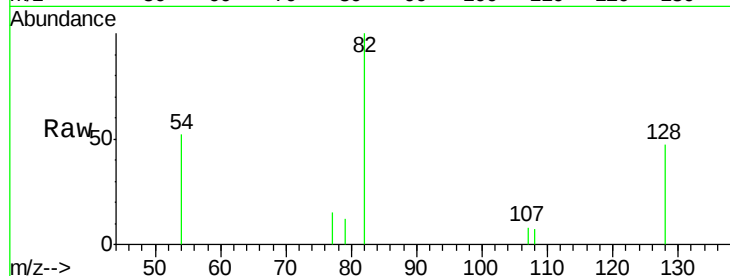
Tot Ion: 82 Resp: 5017

Ion Ratio Lower Upper

82 100

128 59.2 0.0 0.0#

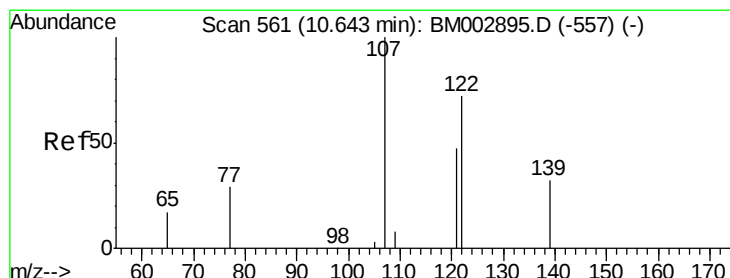
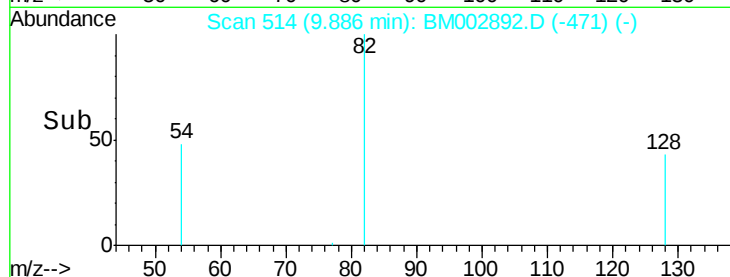
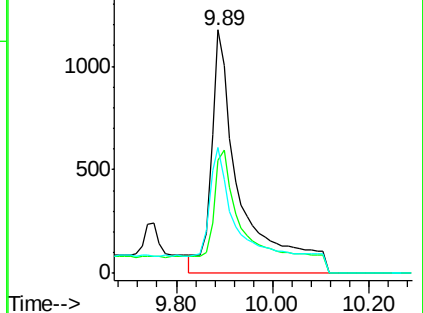
54 62.6 59.0 88.6



Abundance Ion 82.00 (81.70 to 82.70): BM002892.D (-508) (-)

Ion 128.00 (127.70 to 128.70): BM002892.D (-508) (-)

Ion 54.00 (53.70 to 54.70): BM002892.D (-508) (-)



#10

2-Nitrophenol

Concen: 0.21 ng

RT: 10.68 min Scan# 563

Delta R.T. 0.04 min

Lab File: BM002892.D

Acq: 13 Oct 2015 18:33

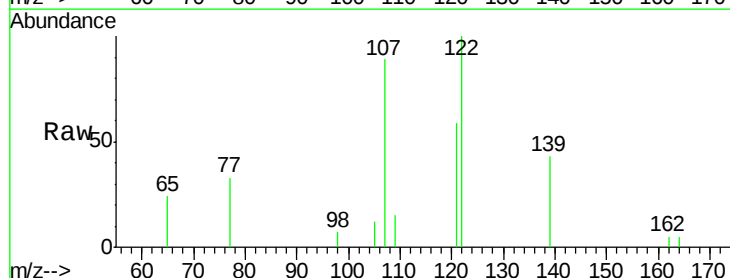
Tgt Ion: 139 Resp: 1608

Ion Ratio Lower Upper

139 100

109 35.6 19.5 29.3#

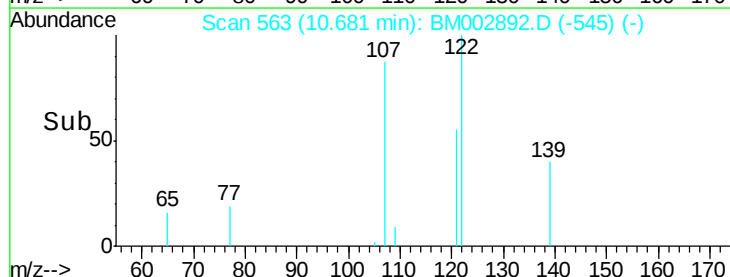
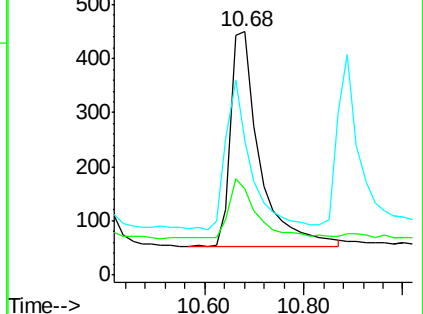
65 55.6 18.6 28.0#

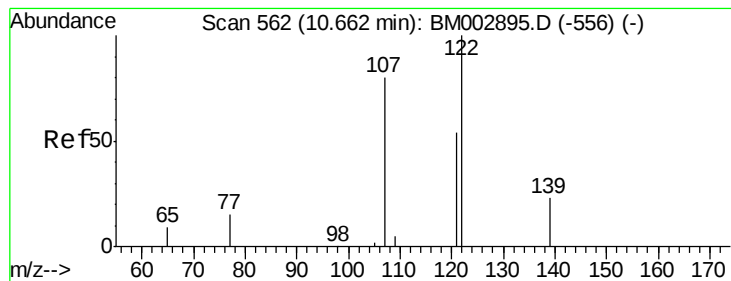


Abundance Ion 139.00 (138.70 to 139.70): BM002892.D (-545) (-)

Ion 109.00 (108.70 to 109.70): BM002892.D (-545) (-)

Ion 65.00 (64.70 to 65.70): BM002892.D (-545) (-)

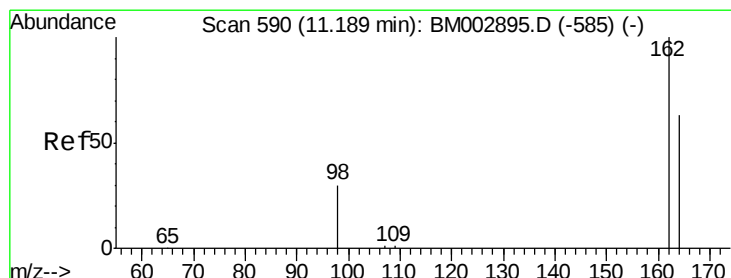
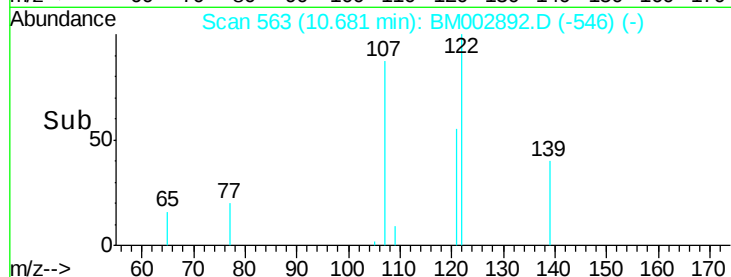
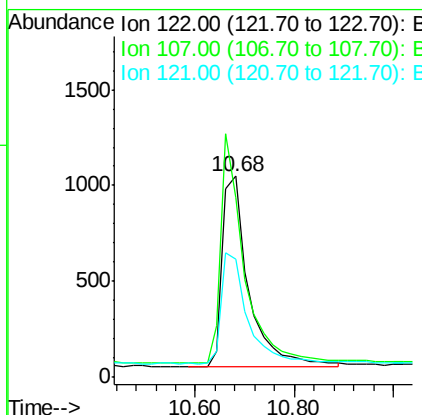
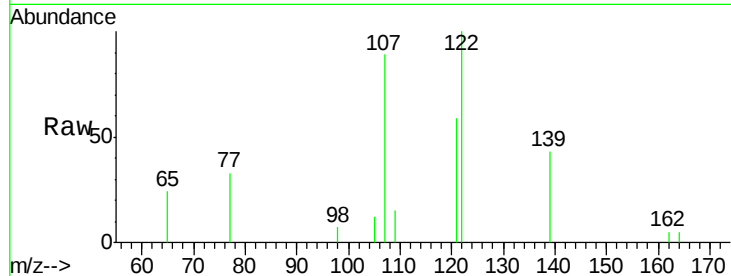




#11
 2,4-Dimethylphenol
 Concen: 0.22 ng
 RT: 10.68 min Scan# 563
 Delta R.T. 0.02 min
 Lab File: BM002892.D
 Acq: 13 Oct 2015 18:33

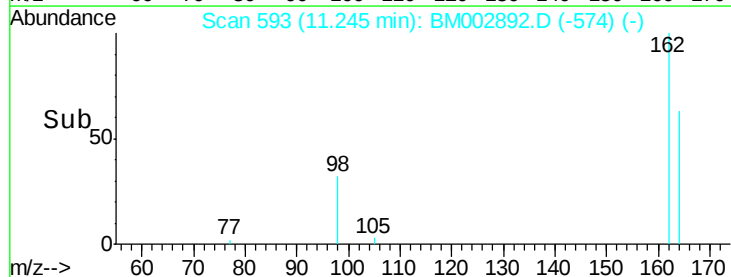
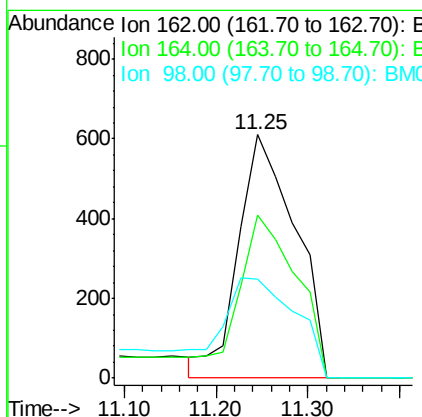
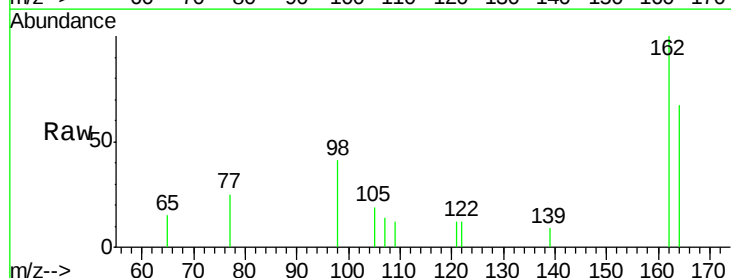
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.2

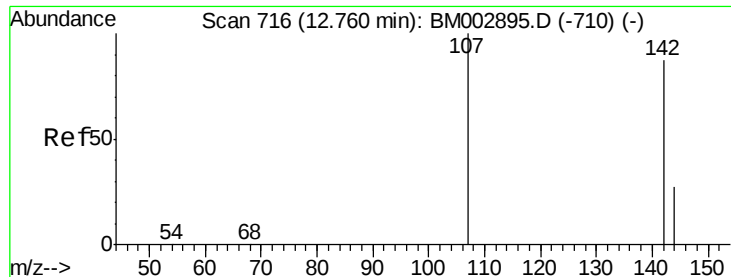
Tot Ion:122 Resp: 3670
 Ion Ratio Lower Upper
 122 100
 107 89.3 68.6 102.8
 121 58.8 44.8 67.2



#12
 2,4-Dichlorophenol
 Concen: 0.16 ng
 RT: 11.25 min Scan# 593
 Delta R.T. 0.06 min
 Lab File: BM002892.D
 Acq: 13 Oct 2015 18:33

Tgt Ion:162 Resp: 2530
 Ion Ratio Lower Upper
 162 100
 164 66.8 49.2 89.2
 98 40.6 0.0 37.4#

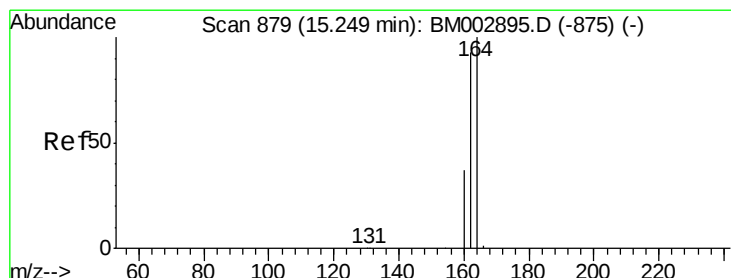
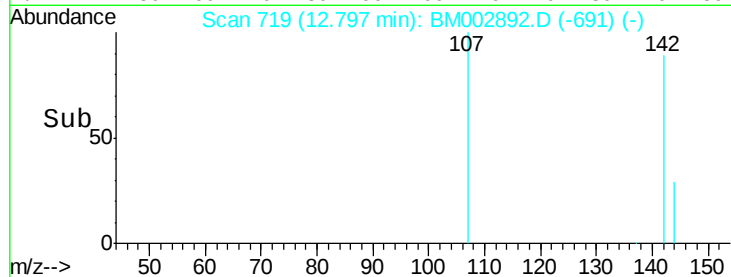
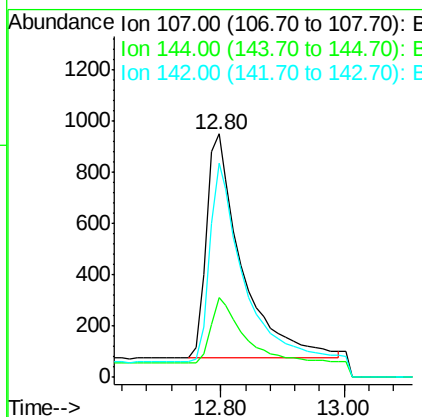
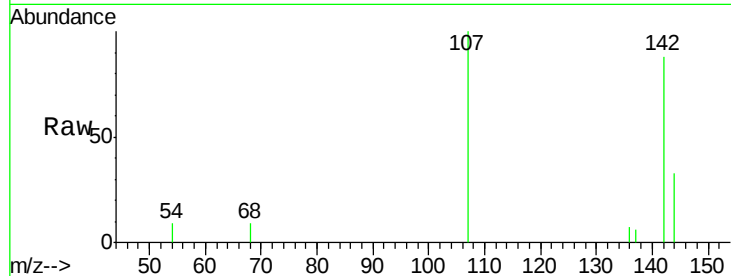




#13
 4-Chloro-3-methylphenol
 Concen: 0.20 ng
 RT: 12.80 min Scan# 719
 Delta R.T. 0.04 min
 Lab File: BM002892.D
 Acq: 13 Oct 2015 18:33

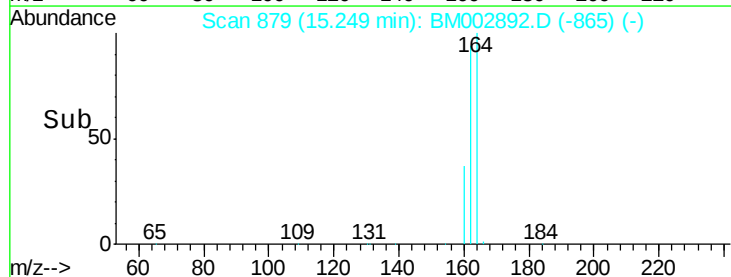
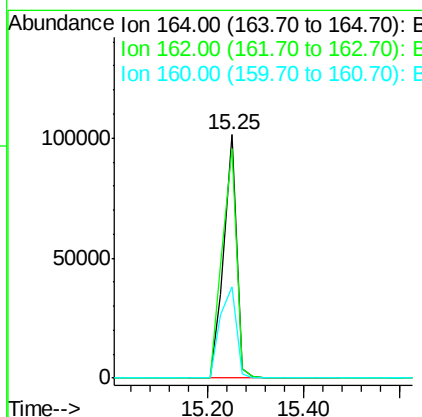
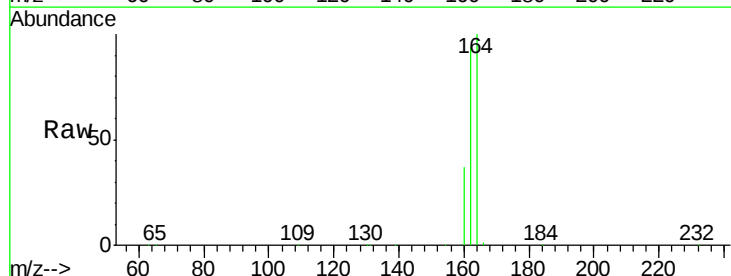
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.2

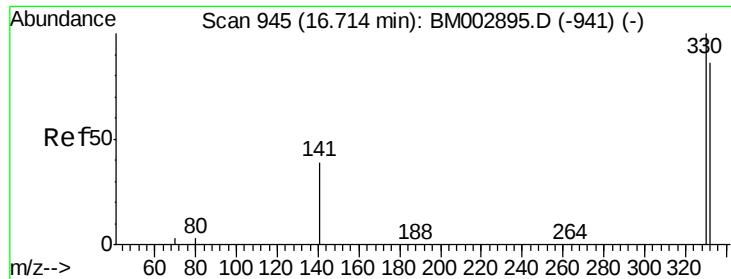
Tot Ion:107 Resp: 3490
 Ion Ratio Lower Upper
 107 100
 144 32.7 16.2 24.2#
 142 88.0 49.8 74.6#



#14
 Acenaphthene-d10
 Concen: 5.00 ng
 RT: 15.25 min Scan# 879
 Delta R.T. -0.00 min
 Lab File: BM002892.D
 Acq: 13 Oct 2015 18:33

Tgt Ion:164 Resp: 188291
 Ion Ratio Lower Upper
 164 100
 162 94.2 79.2 118.8
 160 37.4 33.7 50.5

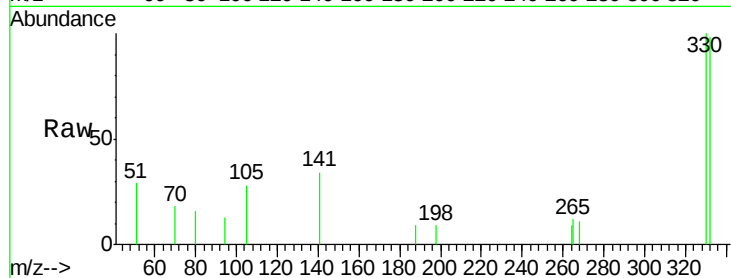




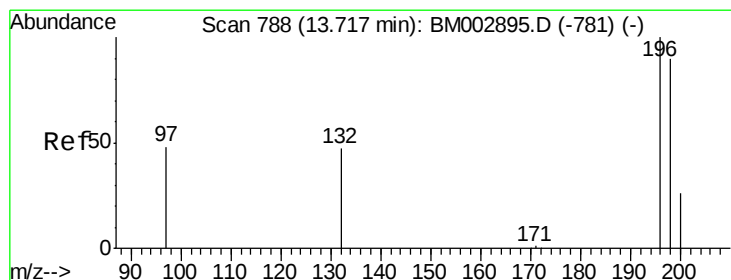
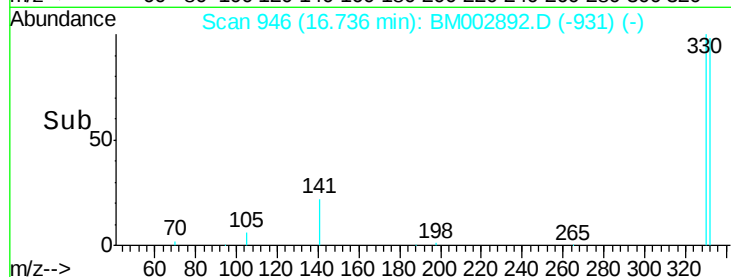
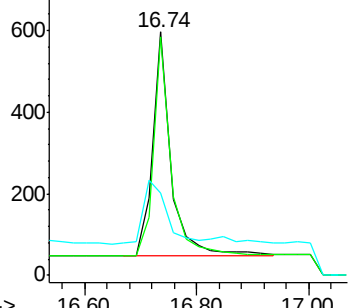
#15
 2,4,6-Tribromophenol
 Concen: 0.16 ng
 RT: 16.74 min Scan# 946
 Delta R.T. 0.02 min
 Lab File: BM002892.D
 Acq: 13 Oct 2015 18:33

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.2

Tot Ion:330 Resp: 1263
 Ion Ratio Lower Upper
 330 100
 332 93.7 74.0 111.0
 141 0.0 24.1 36.1#

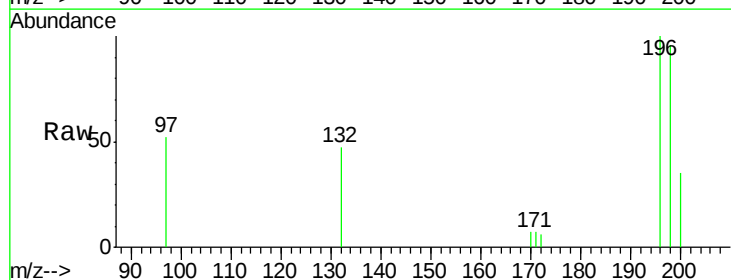


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

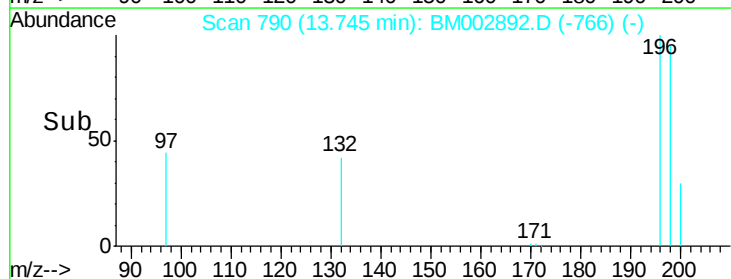
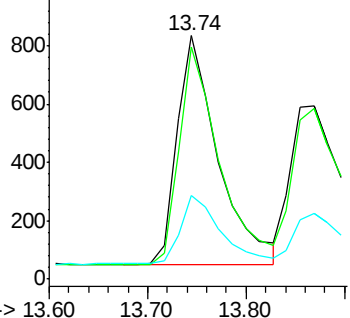


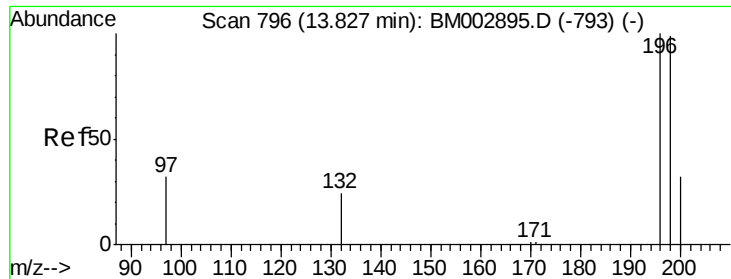
#16
 2,4,6-Trichlorophenol
 Concen: 0.17 ng
 RT: 13.74 min Scan# 790
 Delta R.T. 0.03 min
 Lab File: BM002892.D
 Acq: 13 Oct 2015 18:33

Tgt Ion:196 Resp: 2280
 Ion Ratio Lower Upper
 196 100
 198 95.6 54.2 81.2#
 200 34.5 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

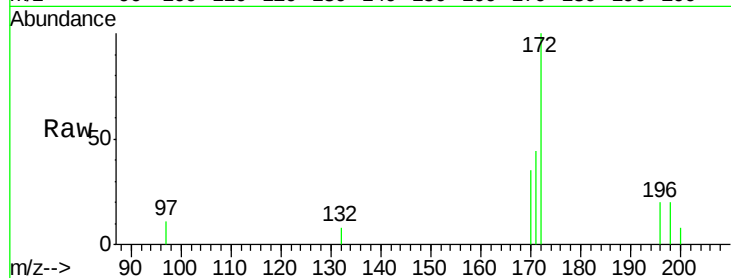




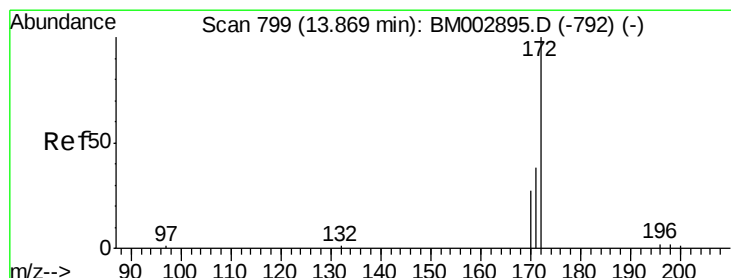
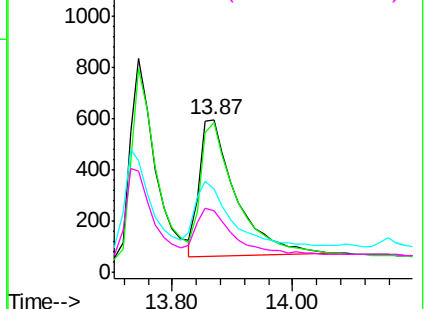
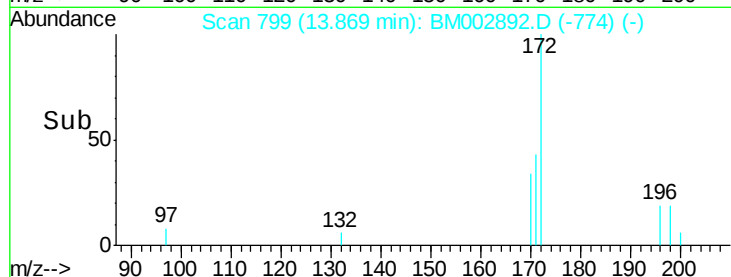
#17
2,4,5-Trichlorophenol
Concen: 0.15 ng
RT: 13.87 min Scan# 799
Delta R.T. 0.04 min
Lab File: BM002892.D
Acq: 13 Oct 2015 18:33

Instrument :
BNA_M
ClientSampleId :
SSTDIC0.2

Tot Ion:196 Resp: 2265
Ion Ratio Lower Upper
196 100
198 98.5 73.6 110.4
97 54.8 0.0 0.0#
132 40.7 0.0 0.0#

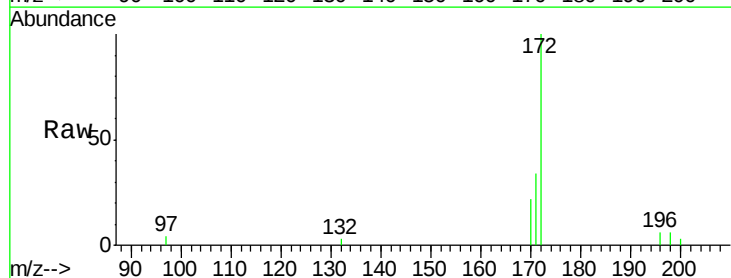


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BM
Ion 132.00 (131.70 to 132.70): E

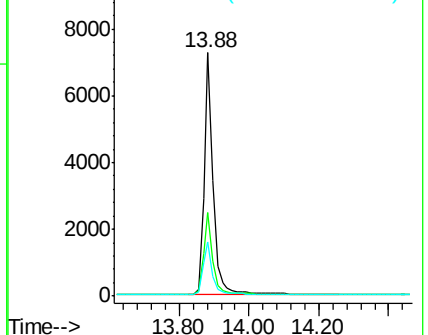
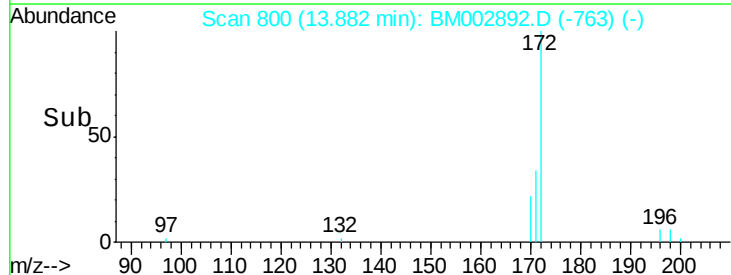


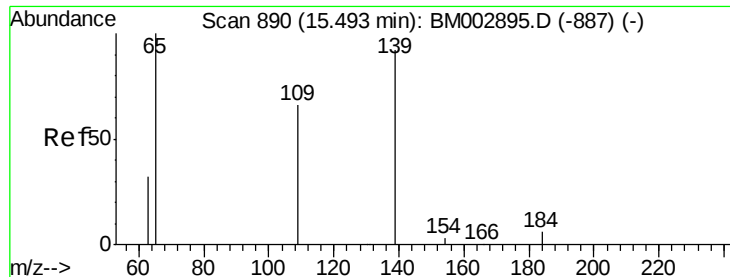
#18
2-Fluorobiphenyl
Concen: 0.22 ng
RT: 13.88 min Scan# 800
Delta R.T. 0.01 min
Lab File: BM002892.D
Acq: 13 Oct 2015 18:33

Tgt Ion:172 Resp: 13066
Ion Ratio Lower Upper
172 100
171 34.4 0.0 0.0#
170 22.6 0.0 0.0#



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

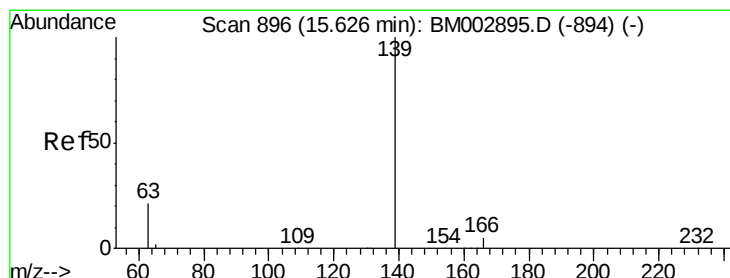
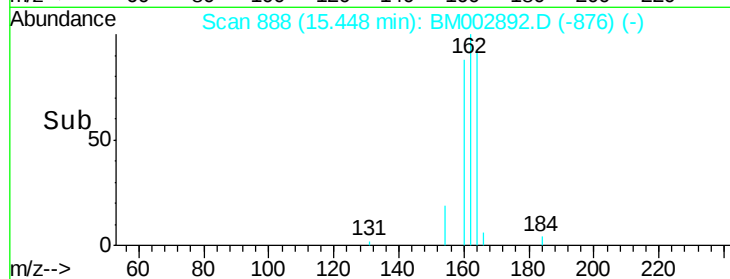
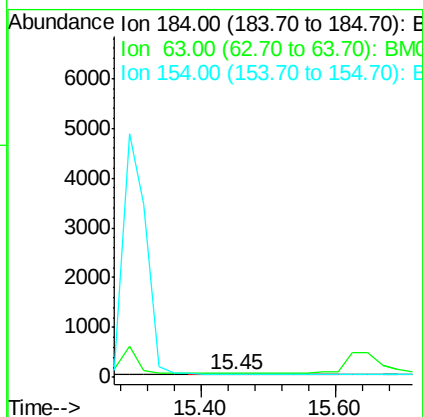
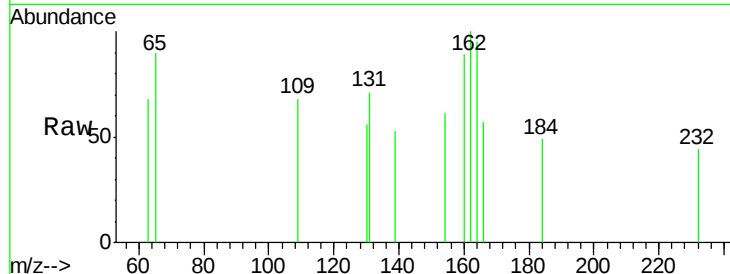




#19
2,4-Dinitrophenol
Concen: 0.01 ng
RT: 15.45 min Scan# 888
Delta R.T. -0.04 min
Lab File: BM002892.D
Acq: 13 Oct 2015 18:33

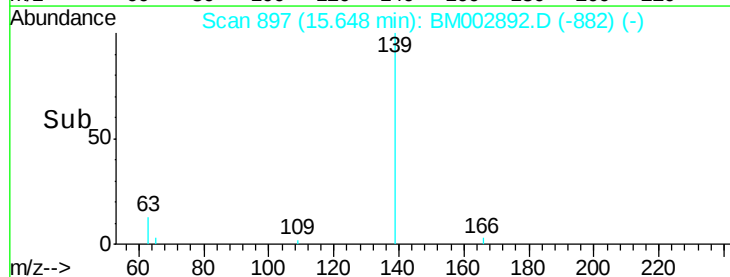
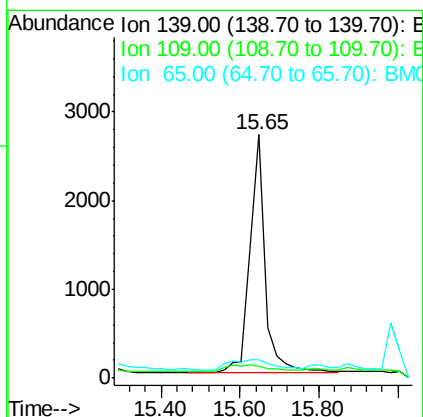
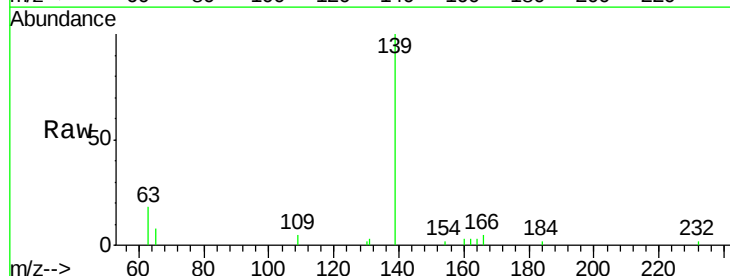
Instrument :
BNA_M
ClientSampleId :
SSTDIC0.2

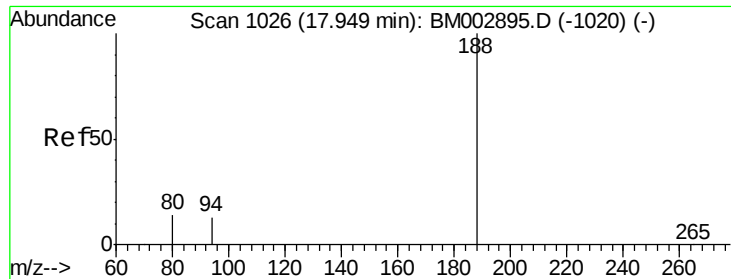
Tot Ion:184 Resp: 15
Ion Ratio Lower Upper
184 100
63 140.7 52.0 78.0#
154 125.9 51.4 77.2#



#20
4-Nitrophenol
Concen: 0.71 ng
RT: 15.65 min Scan# 897
Delta R.T. 0.02 min
Lab File: BM002892.D
Acq: 13 Oct 2015 18:33

Tgt Ion:139 Resp: 7232
Ion Ratio Lower Upper
139 100
109 4.9 60.0 100.0#
65 7.7 85.7 125.7#





#21

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.95 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BM002892.D

Acq: 13 Oct 2015 18:33

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.2

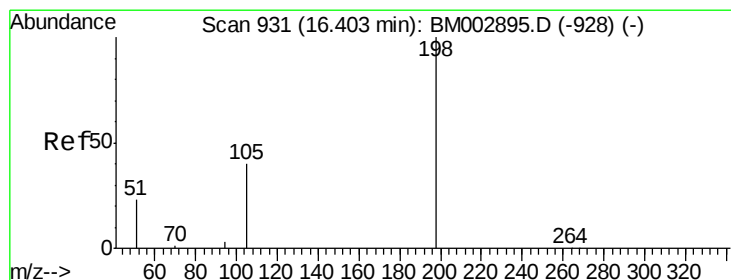
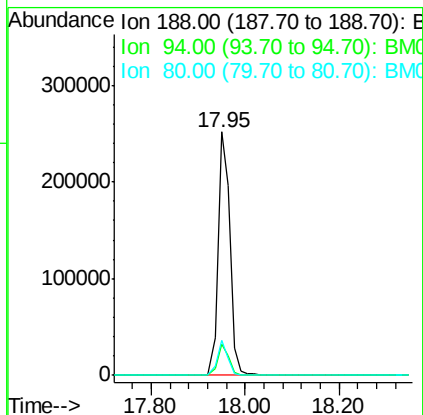
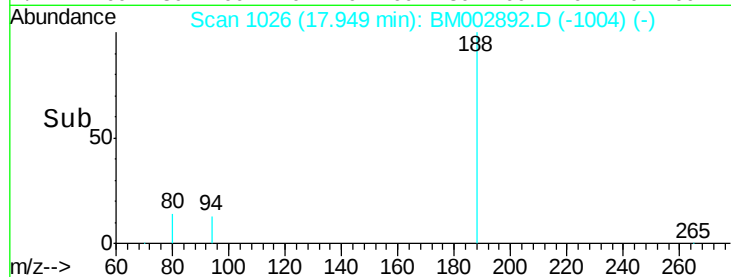
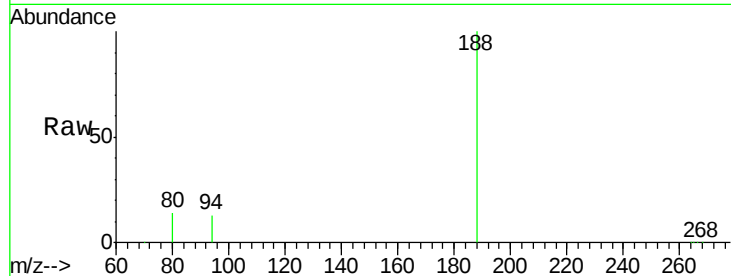
Tot Ion:188 Resp: 437069

Ion Ratio Lower Upper

188 100

94 12.7 2.9 4.3#

80 14.4 2.5 3.7#



#22

4,6-Dinitro-2-methylphenol

Concen: 0.03 ng

RT: 16.45 min Scan# 933

Delta R.T. 0.04 min

Lab File: BM002892.D

Acq: 13 Oct 2015 18:33

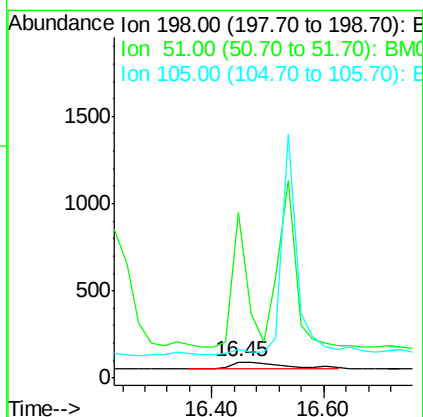
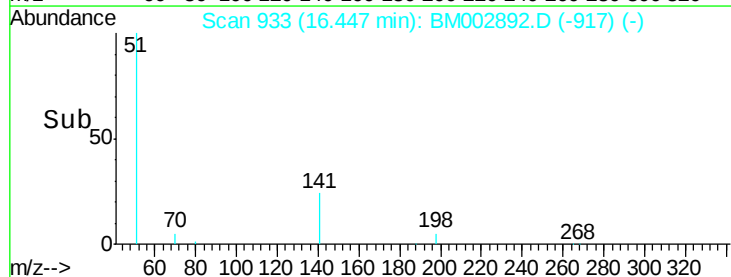
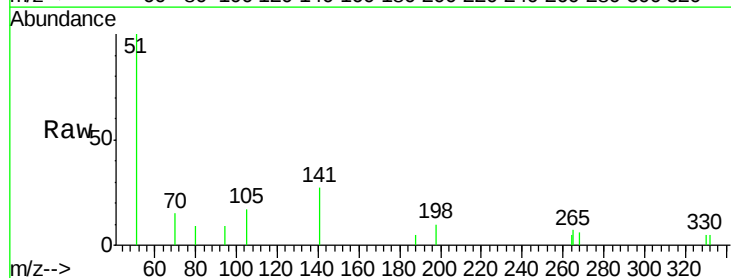
Tgt Ion:198 Resp: 263

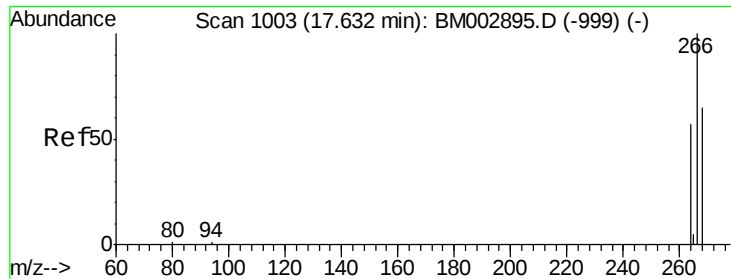
Ion Ratio Lower Upper

198 100

51 1034.8 60.8 100.8#

105 177.2 30.0 70.0#

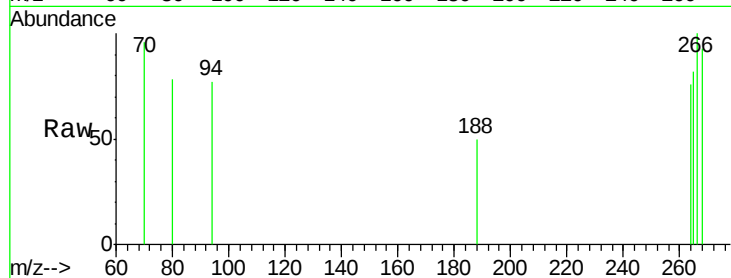




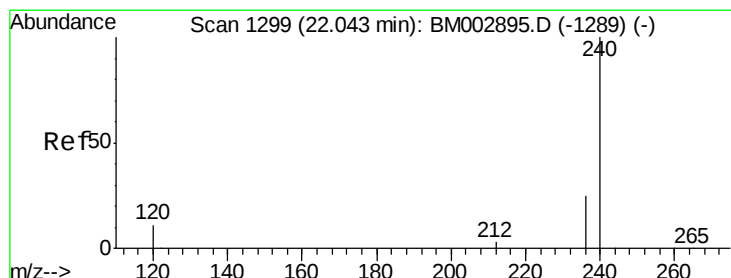
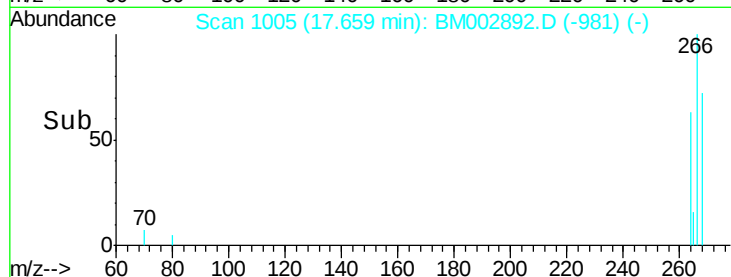
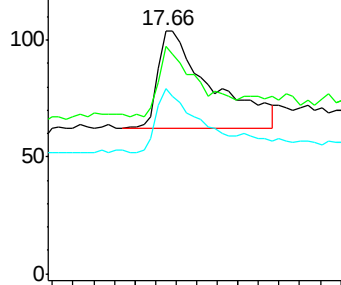
#23
 Pentachlorophenol
 Concen: 0.04 ng
 RT: 17.66 min Scan# 1005
 Delta R.T. 0.03 min
 Lab File: BM002892.D
 Acq: 13 Oct 2015 18:33

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.2

Tot Ion:266 Resp: 303
 Ion Ratio Lower Upper
 266 100
 268 93.3 62.6 94.0
 264 76.0 47.9 71.9#

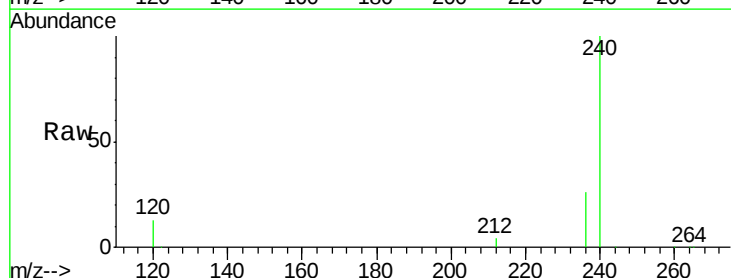


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

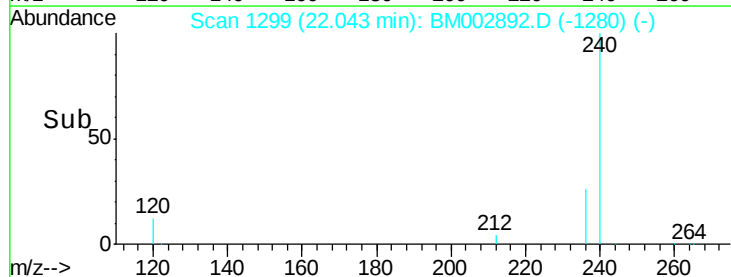
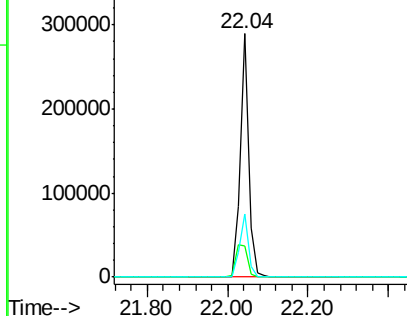


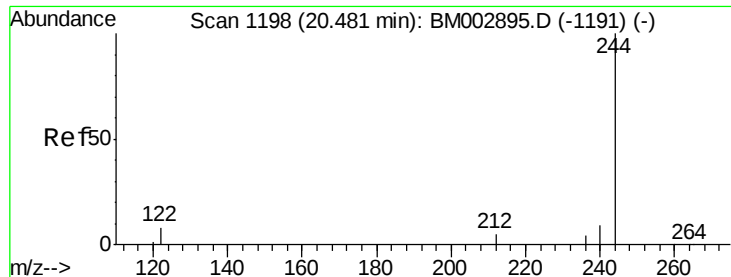
#24
 Chrysene-d12
 Concen: 5.00 ng
 RT: 22.04 min Scan# 1299
 Delta R.T. -0.00 min
 Lab File: BM002892.D
 Acq: 13 Oct 2015 18:33

Tgt Ion:240 Resp: 411283
 Ion Ratio Lower Upper
 240 100
 120 12.5 10.4 15.6
 236 25.8 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: 0.24 ng

RT: 20.48 min Scan# 1198

Delta R.T. -0.00 min

Lab File: BM002892.D

Acq: 13 Oct 2015 18:33

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.2

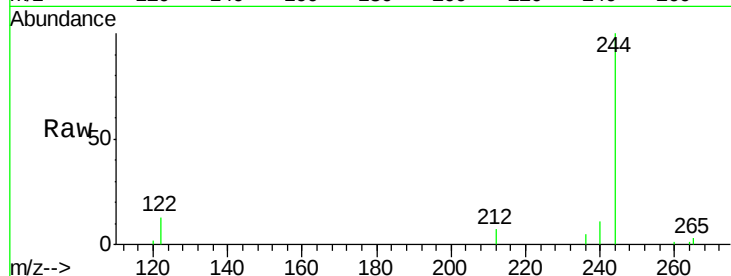
Tot Ion:244 Resp: 13363

Ion Ratio Lower Upper

244 100

212 8.0 7.3 10.9

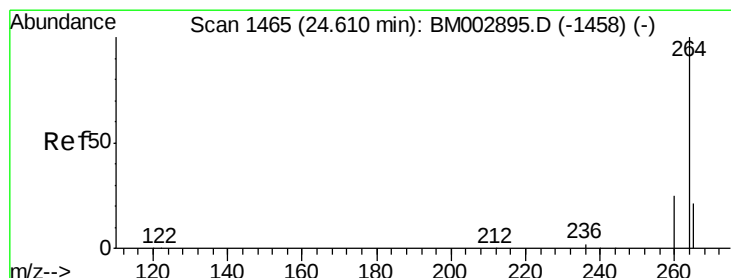
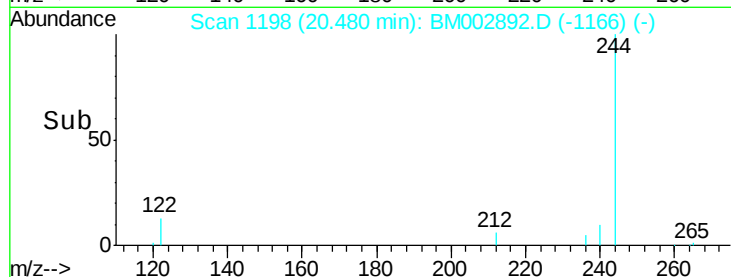
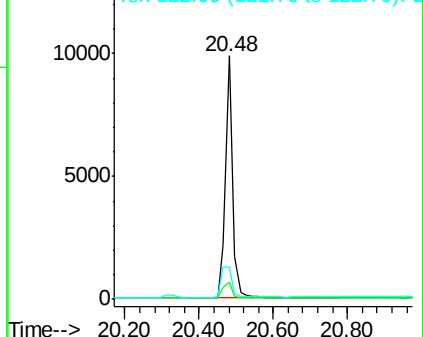
122 19.4 14.8 22.2



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. -0.00 min

Lab File: BM002892.D

Acq: 13 Oct 2015 18:33

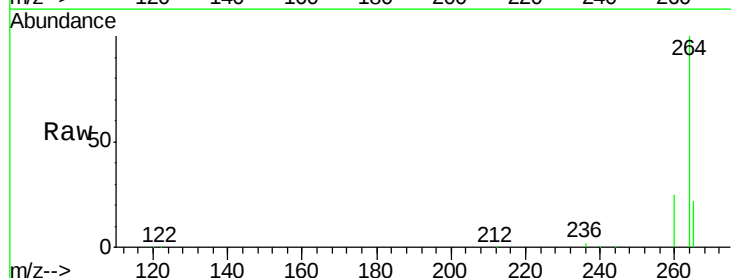
Tgt Ion:264 Resp: 386563

Ion Ratio Lower Upper

264 100

260 25.1 19.7 29.5

265 21.7 17.4 26.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

