

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101315\
 Data File : BM002898.D
 Acq On : 13 Oct 2015 22:12
 Operator : UM/IZ
 Sample : SSTDICC010
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC010

Quant Time: Oct 14 18:07:58 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 17:20:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.65	152	94663	5.00	ng	-0.01
8) Naphthalene-d8	11.50	136	405708	5.00	ng	0.00
14) Acenaphthene-d10	15.25	164	210227	5.00	ng	0.00
21) Phenanthrene-d10	17.95	188	456068	5.00	ng	0.00
24) Chrysene-d12	22.04	240	416552	5.00	ng	0.00
26) Perylene-d12	24.61	264	379983	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 2-Fluorophenol	6.12	112	198906	11.69	ng	-0.02
3) Phenol-d6	7.77	99	262644	10.10	ng	-0.02
9) Nitrobenzene-d5	9.84	82	231418	9.12	ng	-0.02
15) 2,4,6-Tribromophenol	16.71	330	93234	12.14	ng	0.00
18) 2-Fluorobiphenyl	13.87	172	658544	9.57	ng	0.00
25) Terphenyl-d14	20.48	244	621276	9.81	ng	0.00

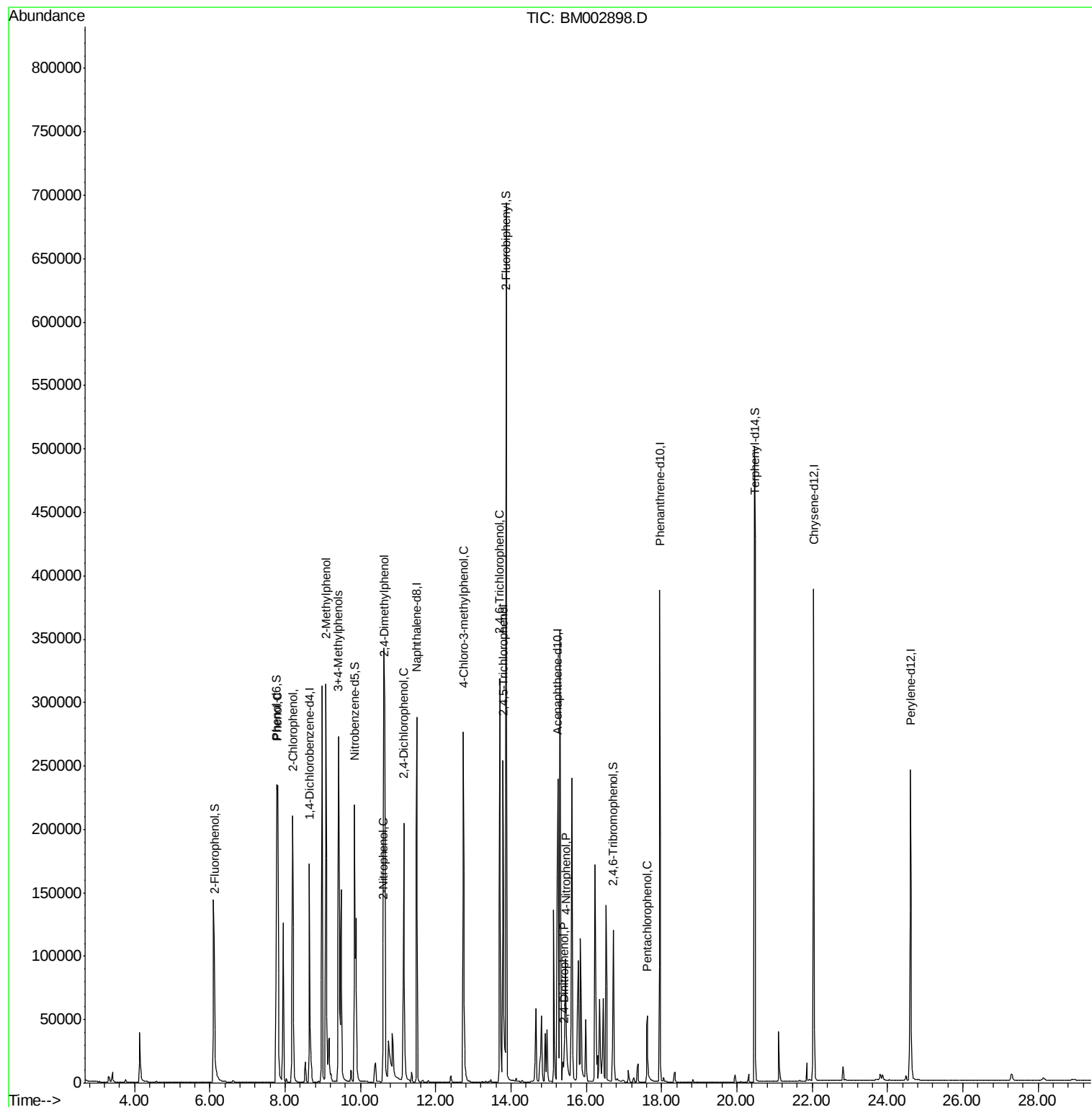
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) 2-Chlorophenol	8.20	128	250359	10.39	ng	# 76
5) Phenol	7.80	94	276484	10.02	ng	# 96
6) 2-Methylphenol	9.09	107	194357	9.94	ng	# 86
7) 3+4-Methylphenols	9.41	107	273441	11.31	ng	# 32
10) 2-Nitrophenol	10.61	139	125862	12.33	ng	# 79
11) 2,4-Dimethylphenol	10.64	122	245172	10.94	ng	# 94
12) 2,4-Dichlorophenol	11.15	162	214694	12.31	ng	# 92
13) 4-Chloro-3-methylphenol	12.74	107	250183	11.34	ng	# 71
16) 2,4,6-Trichlorophenol	13.70	196	165821	12.10	ng	# 74
17) 2,4,5-Trichlorophenol	13.79	196	180647	12.36	ng	# 98
19) 2,4-Dinitrophenol	15.40	184	29653	27.48	ng	# 66
20) 4-Nitrophenol	15.45	139	99605	2.79	ng	# 62
23) Pentachlorophenol	17.62	266	57239	16.54	ng	# 89

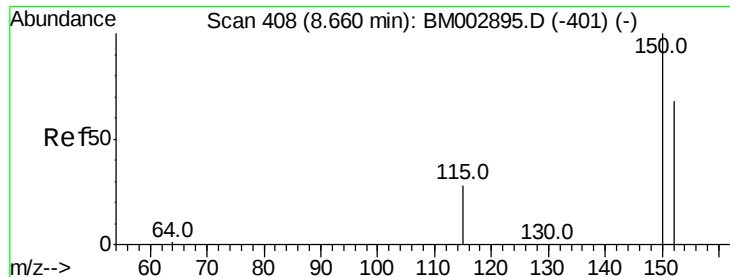
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.65 min Scan# 407

Delta R.T. -0.01 min

Lab File: BM002898.D

Acq: 13 Oct 2015 22:12

Instrument :

BNA_M

ClientSampleId :

SSTDIC010

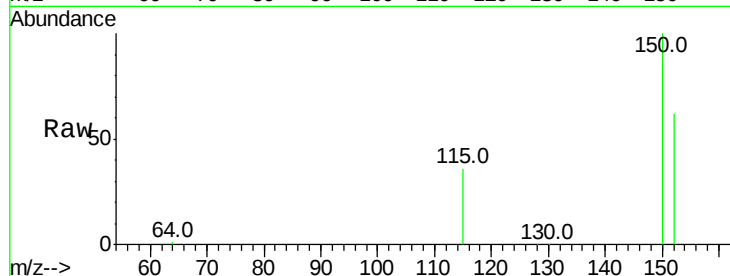
Tot Ion:152 Resp: 94663

Ion Ratio Lower Upper

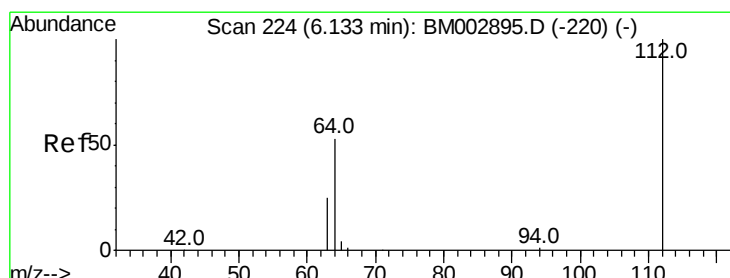
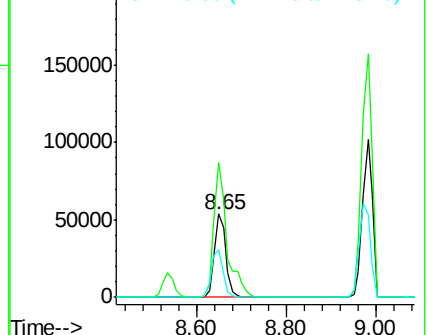
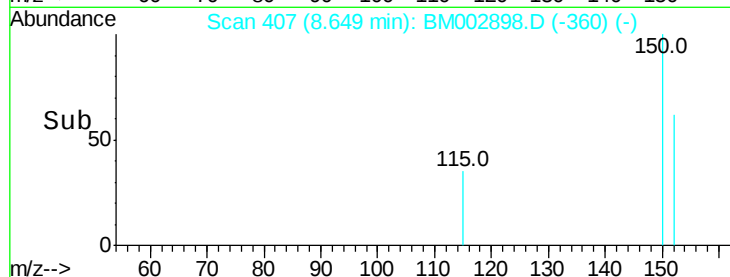
152 100

150 162.0 116.3 174.5

115 57.7 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: 11.69 ng

RT: 6.12 min Scan# 223

Delta R.T. -0.02 min

Lab File: BM002898.D

Acq: 13 Oct 2015 22:12

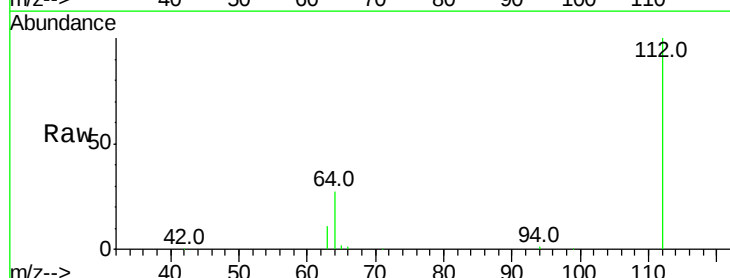
Tgt Ion:112 Resp: 198906

Ion Ratio Lower Upper

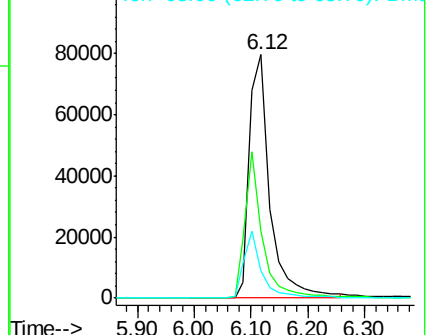
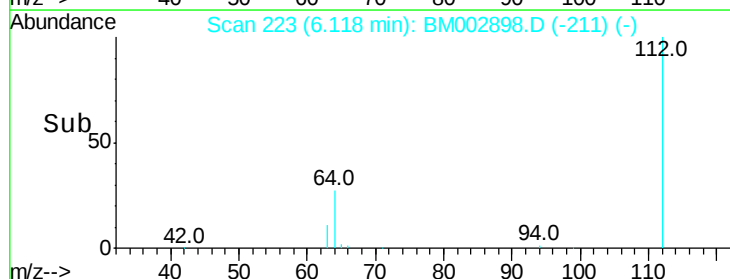
112 100

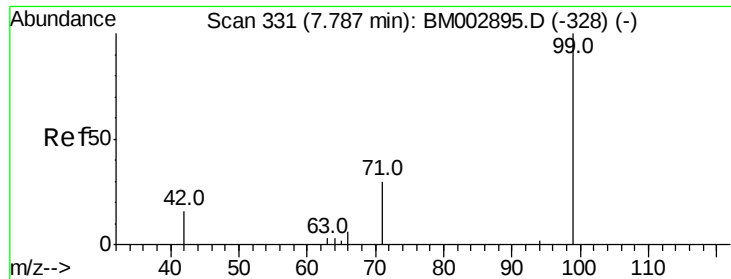
64 27.3 49.3 73.9#

63 11.5 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: 10.10 ng

RT: 7.77 min Scan# 330

Delta R.T. -0.02 min

Lab File: BM002898.D

Acq: 13 Oct 2015 22:12

Instrument :

BNA_M

ClientSampleId :

SSTDIC010

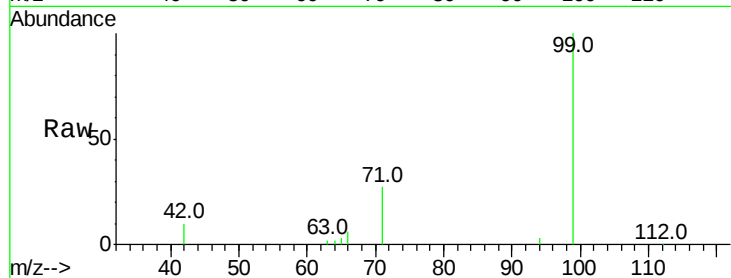
Tot Ion: 99 Resp: 262644

Ion Ratio Lower Upper

99 100

42 10.3 12.1 18.1#

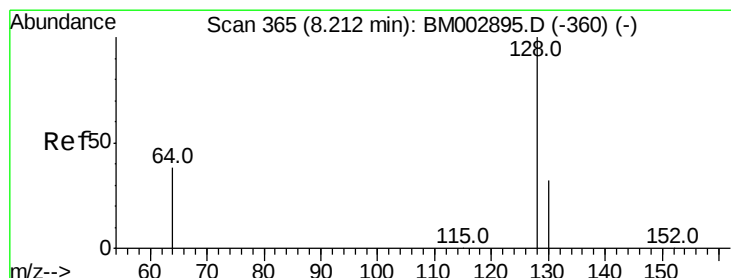
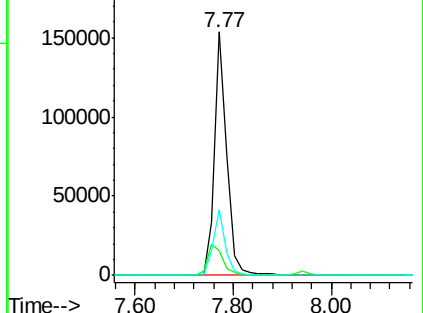
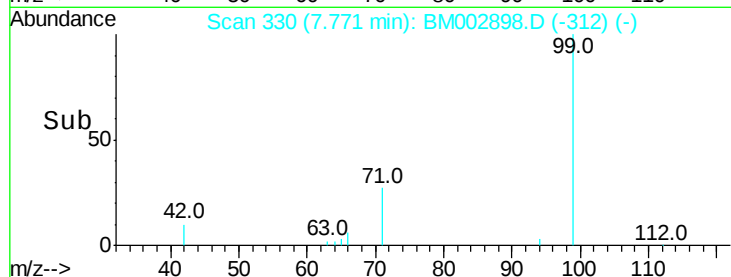
71 27.0 26.4 39.6



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: 10.39 ng

RT: 8.20 min Scan# 364

Delta R.T. -0.01 min

Lab File: BM002898.D

Acq: 13 Oct 2015 22:12

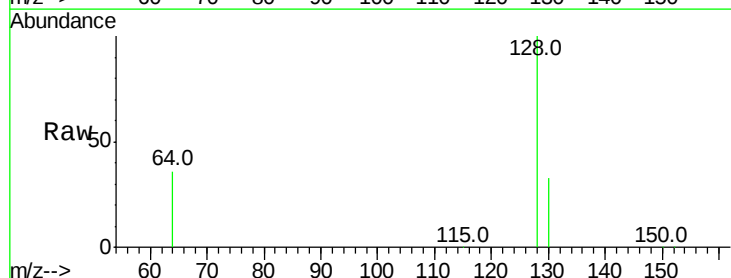
Tgt Ion:128 Resp: 250359

Ion Ratio Lower Upper

128 100

130 33.3 22.2 62.2

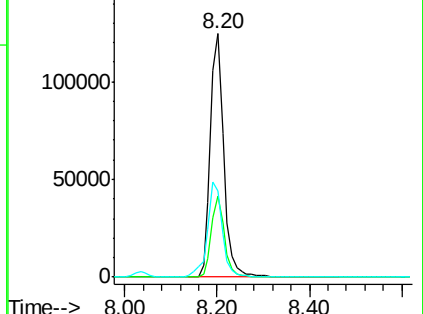
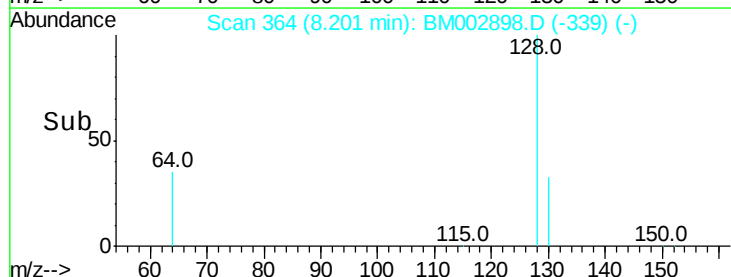
64 35.6 0.0 28.7#

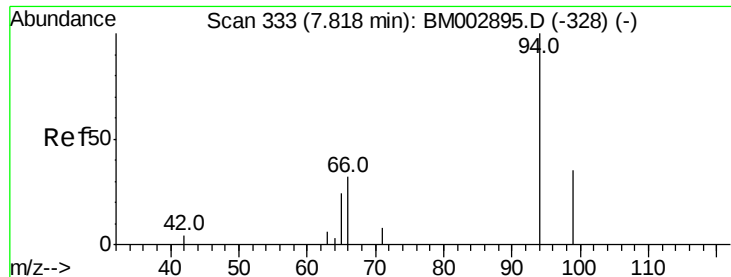


Abundance Ion 128.00 (127.70 to 128.70): BM002895.D (-360) (-)

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: 10.02 ng

RT: 7.80 min Scan# 332

Delta R.T. -0.02 min

Lab File: BM002898.D

Acq: 13 Oct 2015 22:12

Instrument :

BNA_M

ClientSampleId :

SSTDIC010

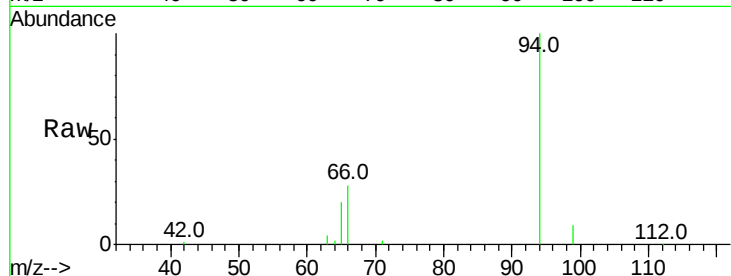
Tot Ion: 94 Resp: 276484

Ion Ratio Lower Upper

94 100

65 20.2 0.0 37.7

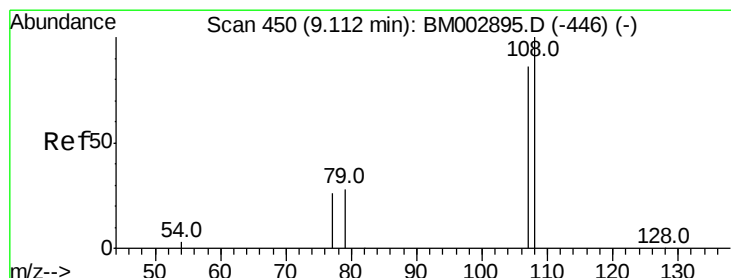
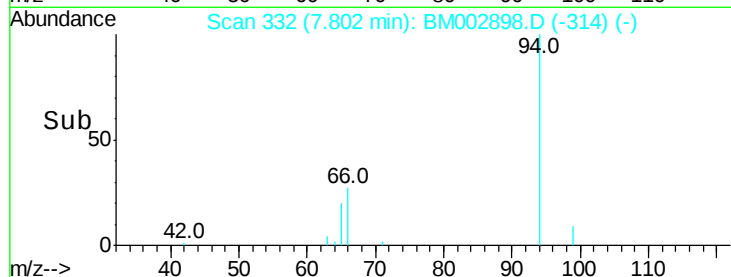
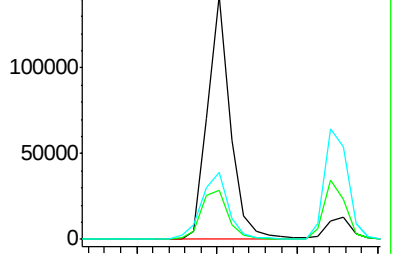
66 27.5 6.3 46.3



Abundance Ion 94.00 (93.70 to 94.70): BM002898.D (-328) (-)

Ion 65.00 (64.70 to 65.70): BM002898.D (-328) (-)

Ion 66.00 (65.70 to 66.70): BM002898.D (-328) (-)



#6

2-Methylphenol

Concen: 9.94 ng

RT: 9.09 min Scan# 448

Delta R.T. -0.02 min

Lab File: BM002898.D

Acq: 13 Oct 2015 22:12

Tgt Ion: 107 Resp: 194357

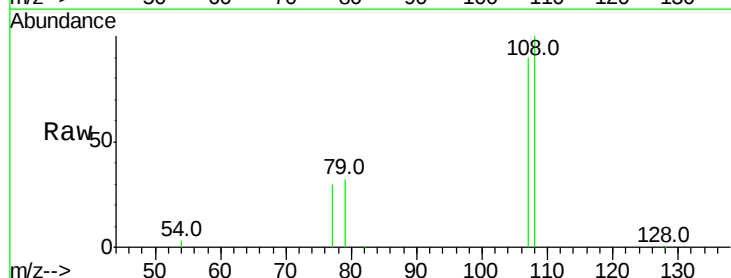
Ion Ratio Lower Upper

107 100

108 111.1 100.9 151.3

77 33.5 20.3 30.5#

79 35.4 22.8 34.2#

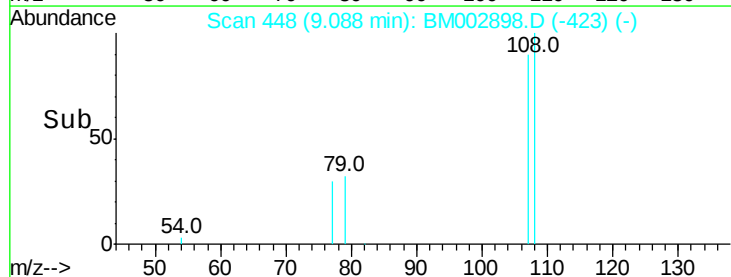
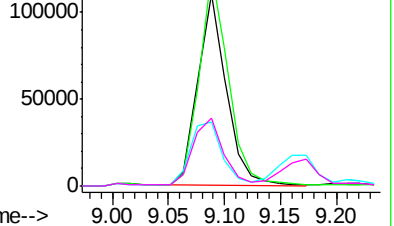


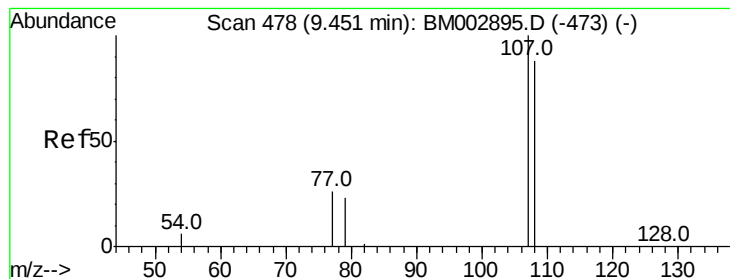
Abundance Ion 107.00 (106.70 to 107.70): BM002898.D (-423) (-)

Ion 108.00 (107.70 to 108.70): BM002898.D (-423) (-)

Ion 77.00 (76.70 to 77.70): BM002898.D (-423) (-)

Ion 79.00 (78.70 to 79.70): BM002898.D (-423) (-)





#7

3+4-Methylphenols

Concen: 11.31 ng

RT: 9.41 min Scan# 475

Delta R.T. -0.04 min

Lab File: BM002898.D

Acq: 13 Oct 2015 22:12

Instrument :

BNA_M

ClientSampleId :

SSTDIC010

Tot Ion:107 Resp: 273441

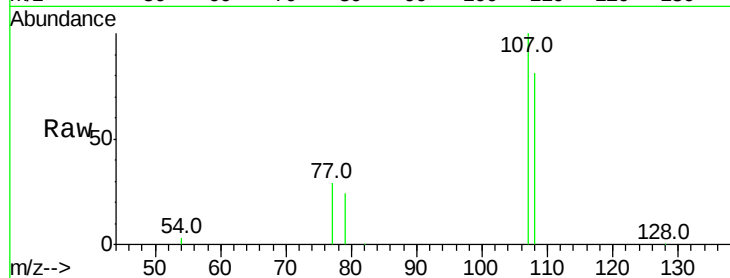
Ion Ratio Lower Upper

107 100

108 80.5 86.3 126.3#

77 28.7 151.7 191.7#

79 24.1 7.4 47.4

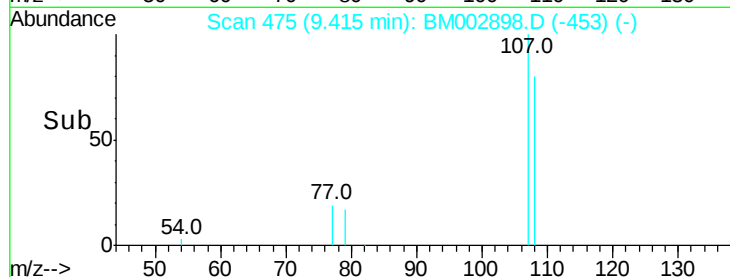


Abundance Ion 107.00 (106.70 to 107.70): E

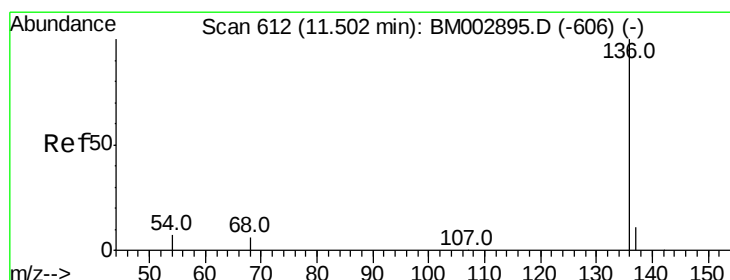
Ion 108.00 (107.70 to 108.70): E

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: BM002898.D

Acq: 13 Oct 2015 22:12

Tgt Ion:136 Resp: 405708

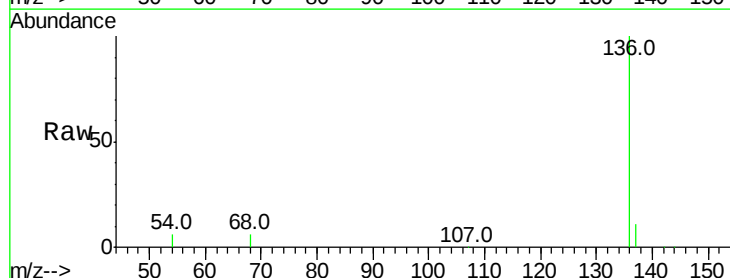
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 6.4 2.6 3.8#

68 5.7 2.2 3.2#

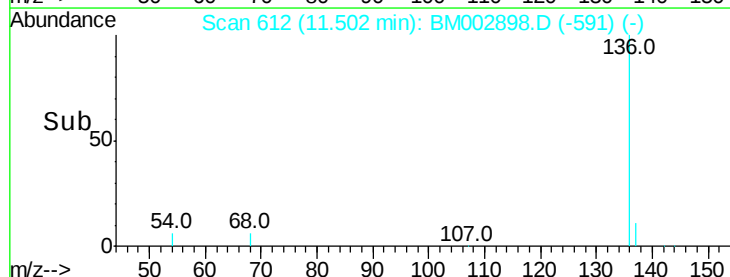


Abundance Ion 136.00 (135.70 to 136.70): E

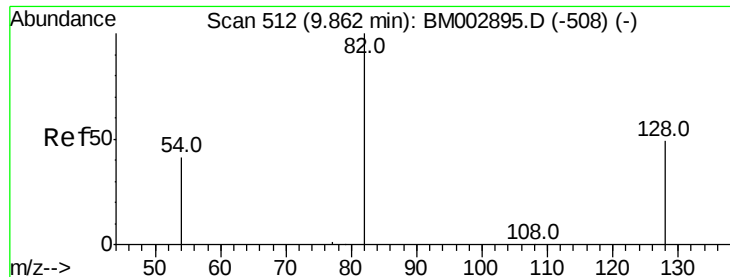
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



Time-->



#9

Nitrobenzene-d5

Concen: 9.12 ng

RT: 9.84 min Scan# 510

Delta R.T. -0.02 min

Lab File: BM002898.D

Acq: 13 Oct 2015 22:12

Instrument :

BNA_M

ClientSampleId :

SSTDIC010

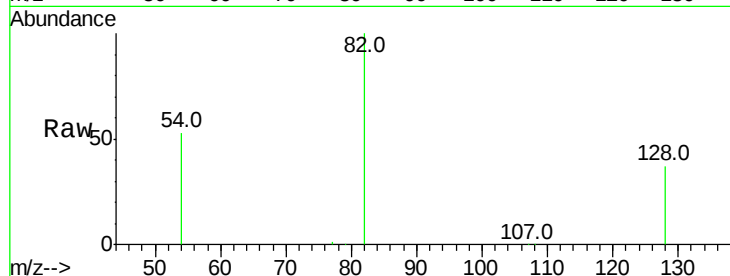
Tot Ion: 82 Resp: 231418

Ion Ratio Lower Upper

82 100

128 52.0 0.0 0.0#

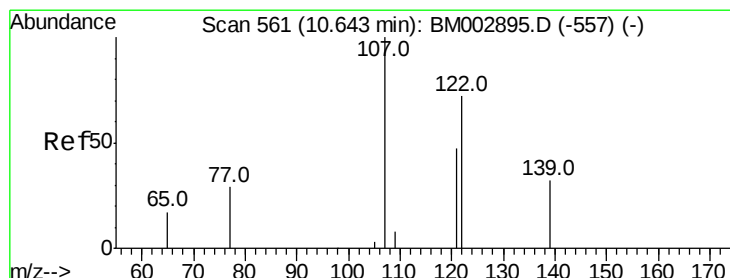
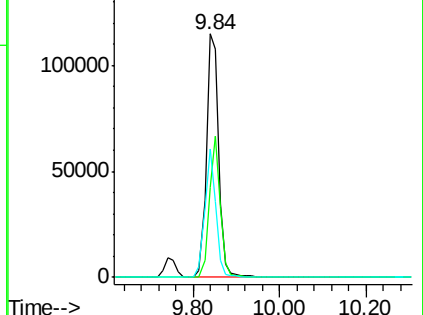
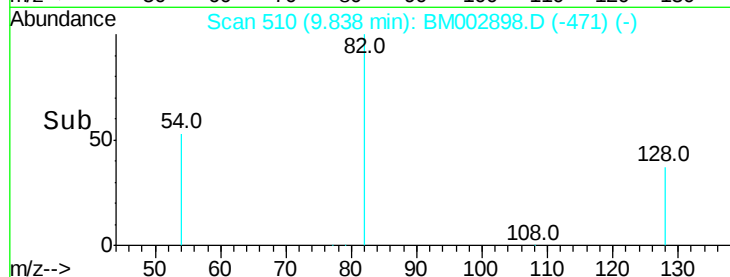
54 47.6 59.0 88.6#



Abundance Ion 82.00 (81.70 to 82.70): BM002898.D (-508) (-)

Ion 128.00 (127.70 to 128.70): BM002898.D (-508) (-)

Ion 54.00 (53.70 to 54.70): BM002898.D (-508) (-)



#10

2-Nitrophenol

Concen: 12.33 ng

RT: 10.61 min Scan# 559

Delta R.T. -0.04 min

Lab File: BM002898.D

Acq: 13 Oct 2015 22:12

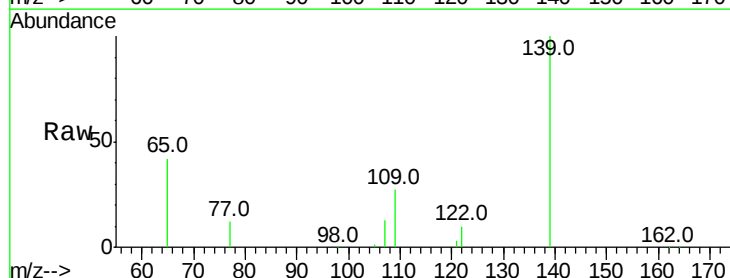
Tgt Ion: 139 Resp: 125862

Ion Ratio Lower Upper

139 100

109 27.1 19.5 29.3

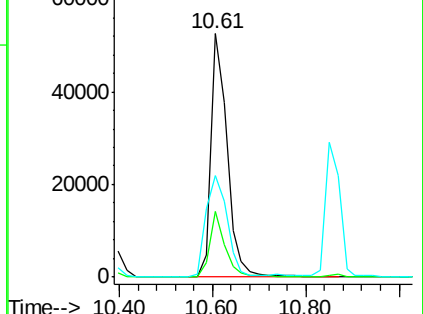
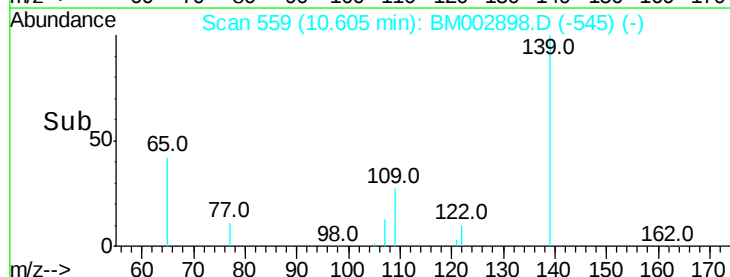
65 41.9 18.6 28.0#

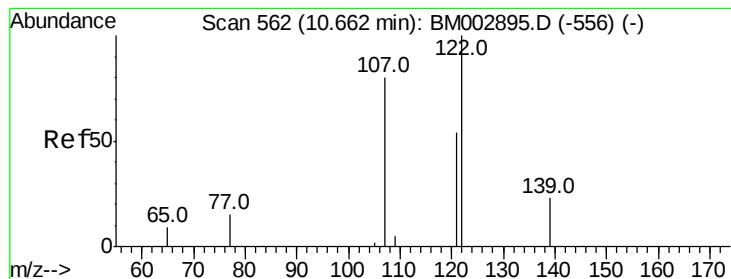


Abundance Ion 139.00 (138.70 to 139.70): BM002898.D (-557) (-)

Ion 109.00 (108.70 to 109.70): BM002898.D (-557) (-)

Ion 65.00 (64.70 to 65.70): BM002898.D (-557) (-)

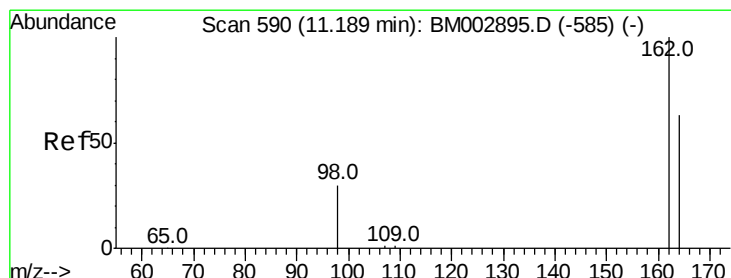
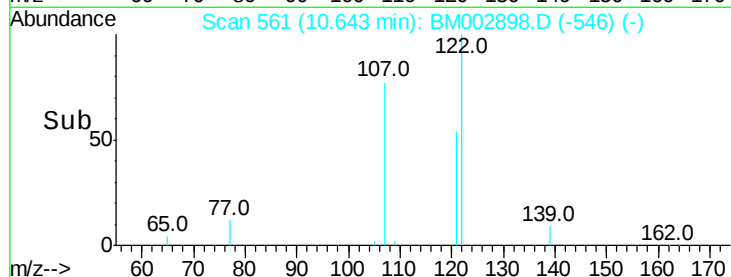
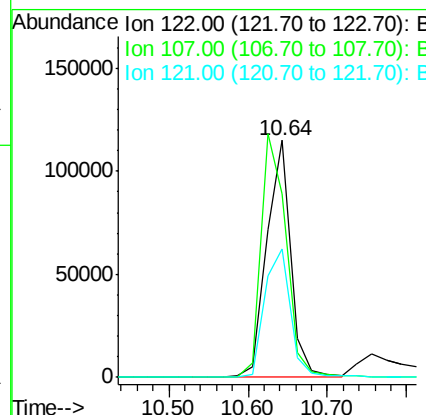
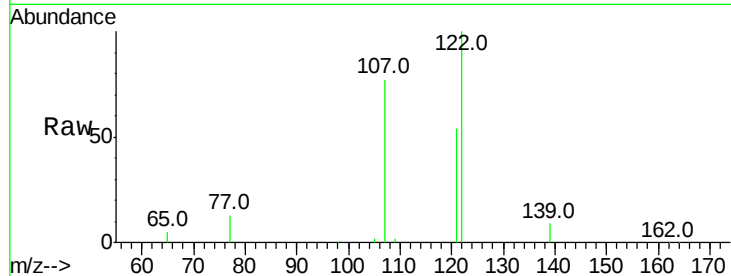




#11
 2,4-Dimethylphenol
 Concen: 10.94 ng
 RT: 10.64 min Scan# 561
 Delta R.T. -0.02 min
 Lab File: BM002898.D
 Acq: 13 Oct 2015 22:12

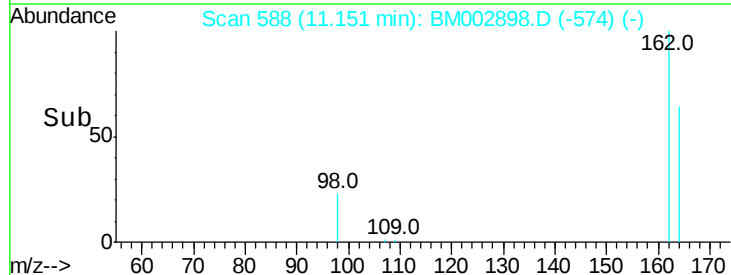
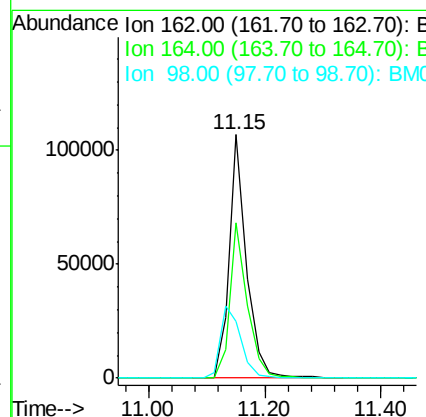
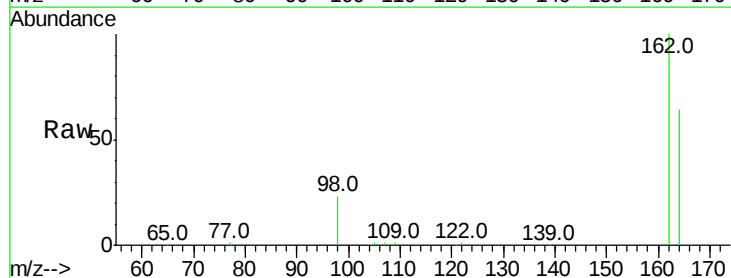
Instrument :
 BNA_M
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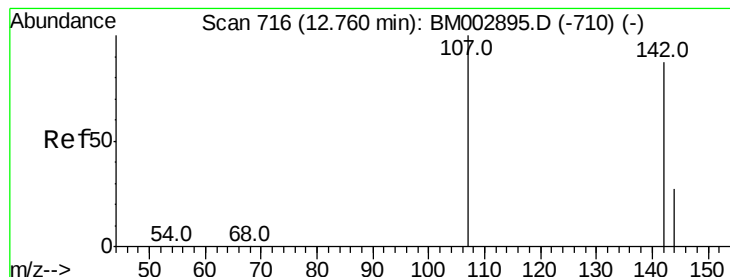
Tot Ion:122 Resp: 245172
 Ion Ratio Lower Upper
 122 100
 107 77.5 68.6 102.8
 121 54.1 44.8 67.2



#12
 2,4-Dichlorophenol
 Concen: 12.31 ng
 RT: 11.15 min Scan# 588
 Delta R.T. -0.04 min
 Lab File: BM002898.D
 Acq: 13 Oct 2015 22:12

Tgt Ion:162 Resp: 214694
 Ion Ratio Lower Upper
 162 100
 164 63.5 49.2 89.2
 98 23.4 0.0 37.4





#13

4-Chloro-3-methylphenol

Concen: 11.34 ng

RT: 12.74 min Scan# 714

Delta R.T. -0.02 min

Lab File: BM002898.D

Acq: 13 Oct 2015 22:12

Instrument :

BNA_M

ClientSampleId :

SSTDIC010

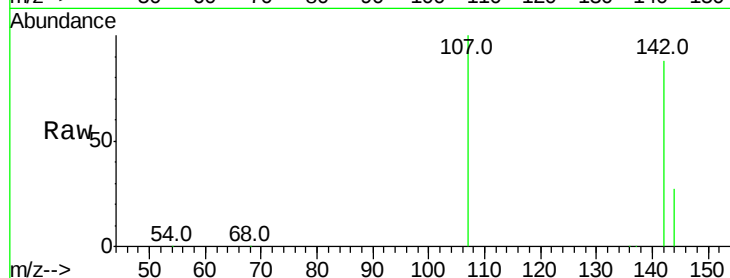
Tot Ion:107 Resp: 250183

Ion Ratio Lower Upper

107 100

144 27.1 16.2 24.2#

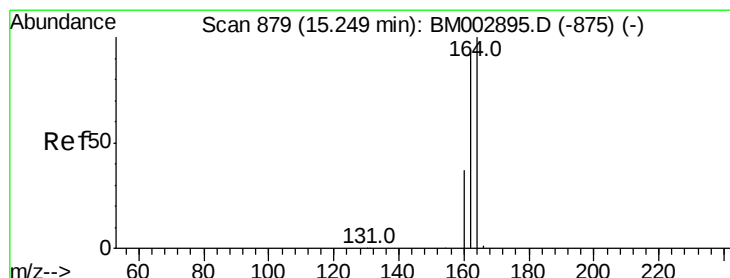
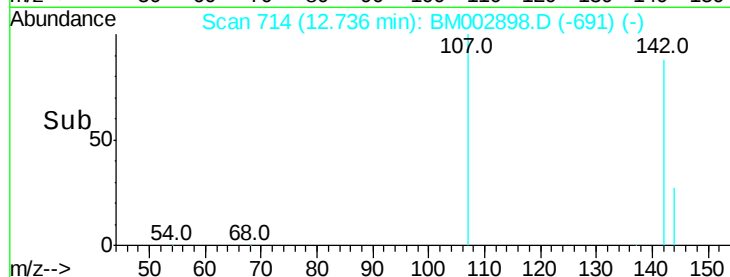
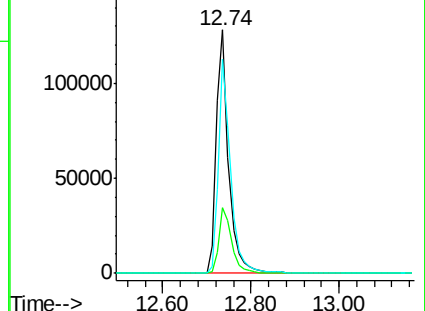
142 88.0 49.8 74.6#



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: BM002898.D

Acq: 13 Oct 2015 22:12

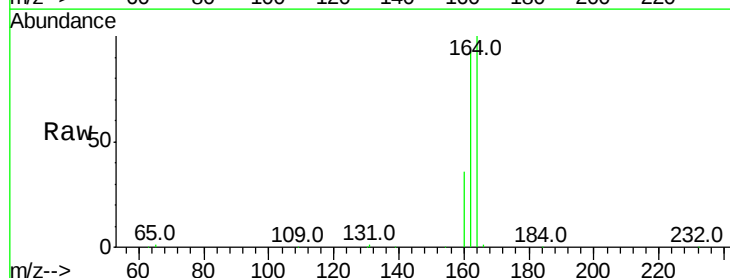
Tgt Ion:164 Resp: 210227

Ion Ratio Lower Upper

164 100

162 93.1 79.2 118.8

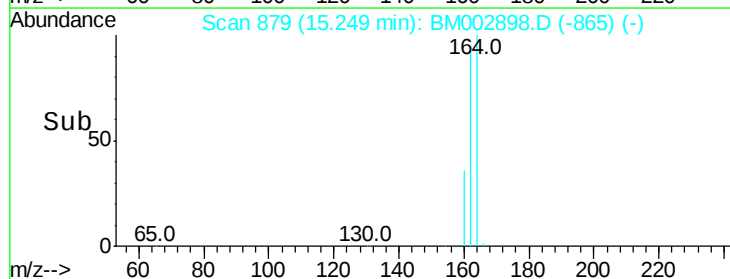
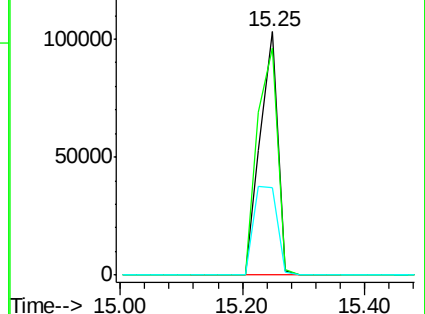
160 36.1 33.7 50.5

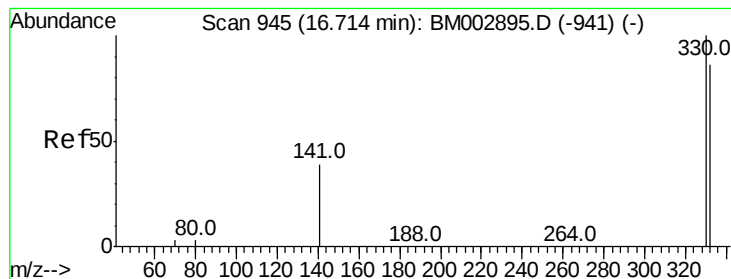


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#15

2,4,6-Tribromophenol

Concen: 12.14 ng

RT: 16.71 min Scan# 945

Delta R.T. -0.00 min

Lab File: BM002898.D

Acq: 13 Oct 2015 22:12

Instrument :

BNA_M

ClientSampleId :

SSTDIC010

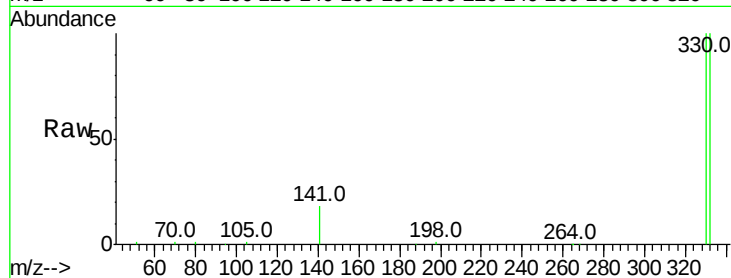
Tot Ion:330 Resp: 93234

Ion Ratio Lower Upper

330 100

332 98.0 74.0 111.0

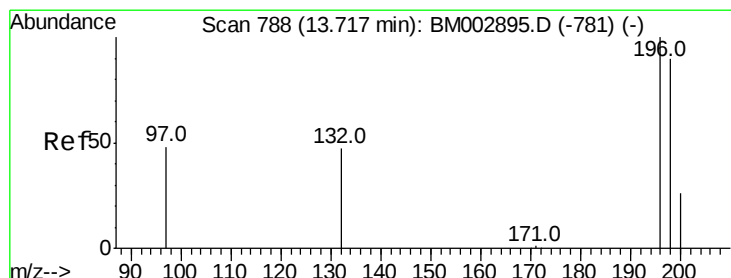
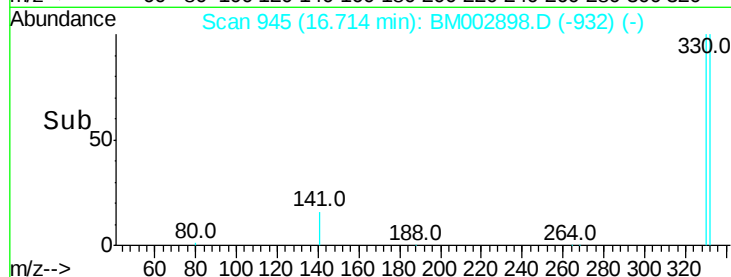
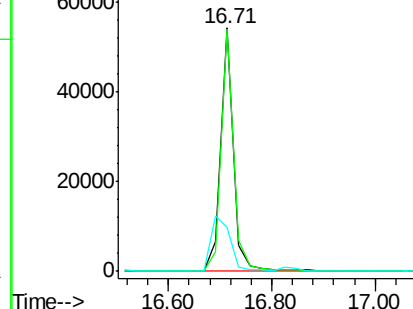
141 0.0 24.1 36.1#



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: 12.10 ng

RT: 13.70 min Scan# 787

Delta R.T. -0.01 min

Lab File: BM002898.D

Acq: 13 Oct 2015 22:12

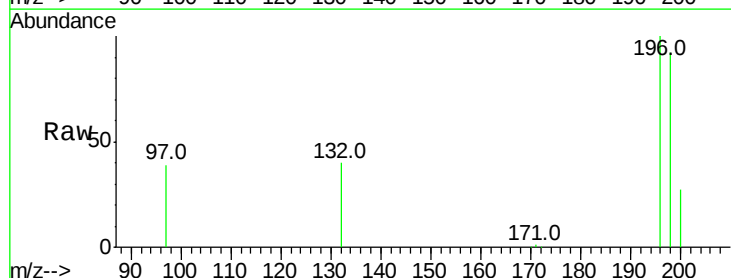
Tgt Ion:196 Resp: 165821

Ion Ratio Lower Upper

196 100

198 92.3 54.2 81.2#

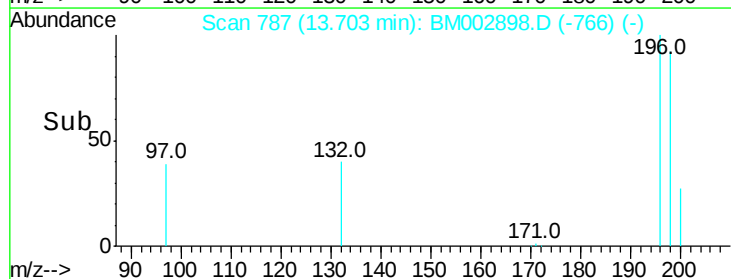
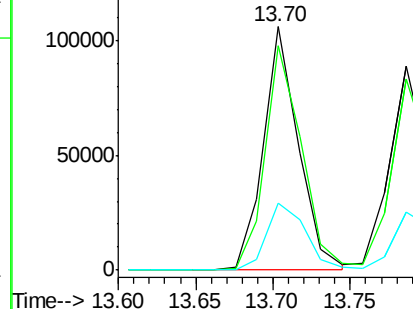
200 27.4 17.1 25.7#

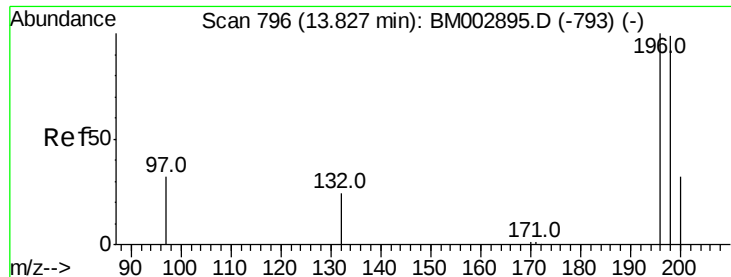


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

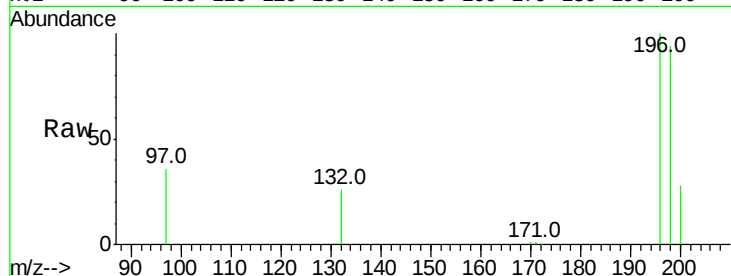




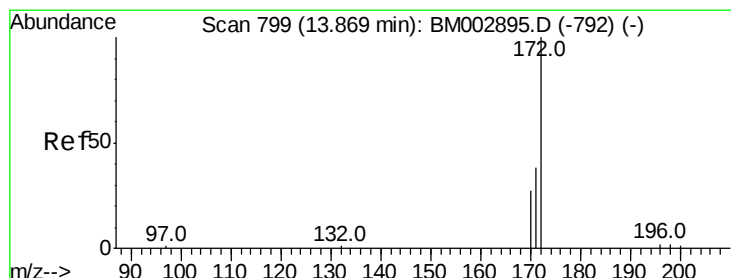
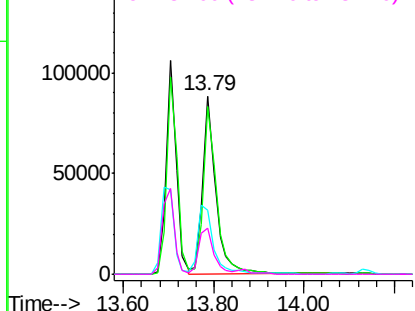
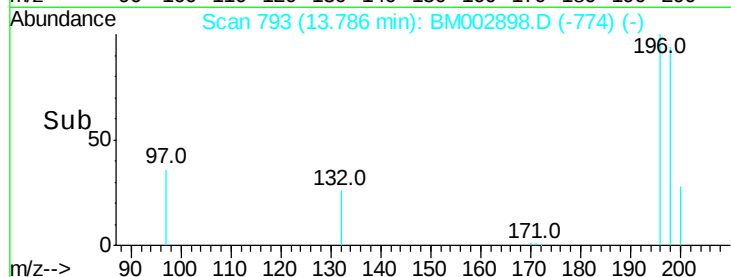
#17
2,4,5-Trichlorophenol
Concen: 12.36 ng
RT: 13.79 min Scan# 793
Delta R.T. -0.04 min
Lab File: BM002898.D
Acq: 13 Oct 2015 22:12

Instrument :
BNA_M
ClientSampleId :
SSTDIC010

Tot Ion:196 Resp: 180647
Ion Ratio Lower Upper
196 100
198 93.9 73.6 110.4
97 36.0 0.0 0.0#
132 26.1 0.0 0.0#

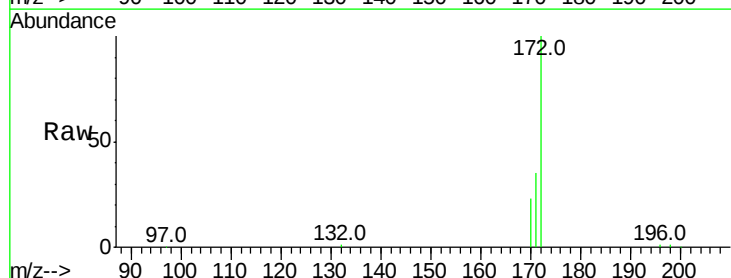


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BM
Ion 132.00 (131.70 to 132.70): E

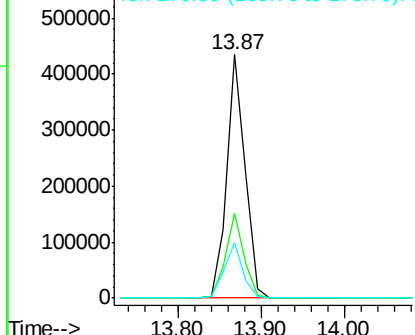
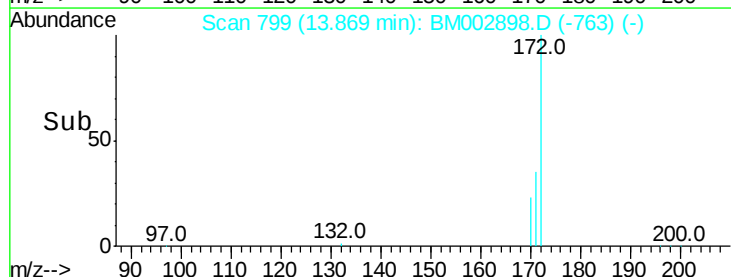


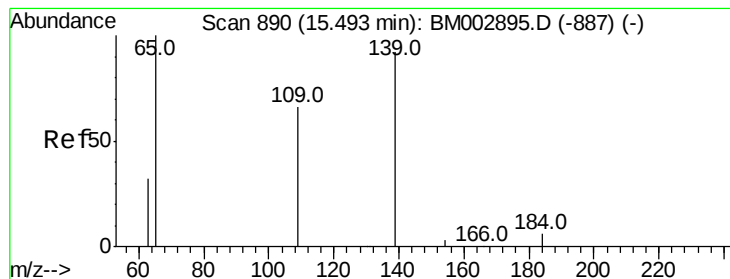
#18
2-Fluorobiphenyl
Concen: 9.57 ng
RT: 13.87 min Scan# 799
Delta R.T. -0.00 min
Lab File: BM002898.D
Acq: 13 Oct 2015 22:12

Tgt Ion:172 Resp: 658544
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: 27.48 ng

RT: 15.40 min Scan# 886

Delta R.T. -0.09 min

Lab File: BM002898.D

Acq: 13 Oct 2015 22:12

Instrument :

BNA_M

ClientSampleId :

SSTDIC010

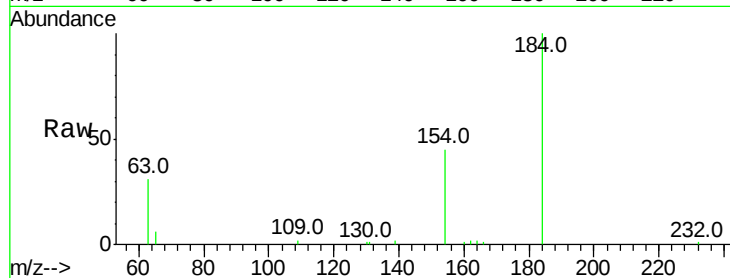
Tot Ion:184 Resp: 29653

Ion Ratio Lower Upper

184 100

63 30.9 52.0 78.0#

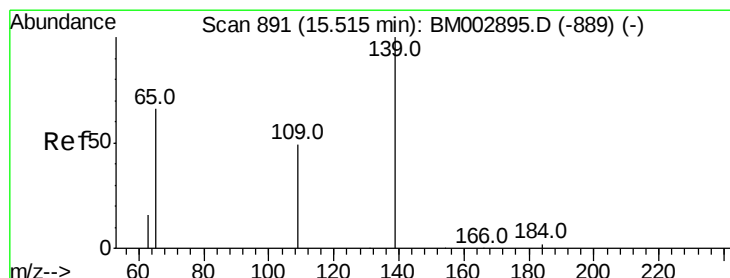
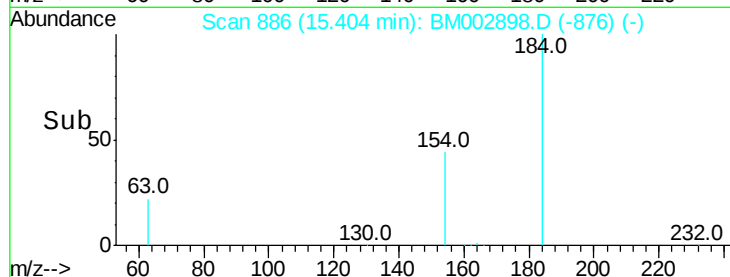
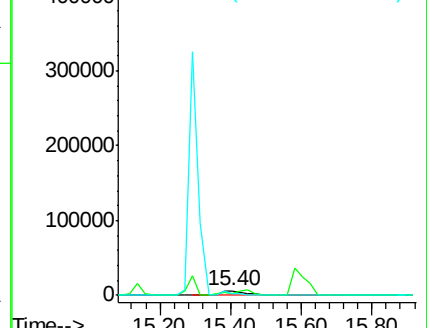
154 44.8 51.4 77.2#



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: 2.79 ng

RT: 15.45 min Scan# 888

Delta R.T. -0.07 min

Lab File: BM002898.D

Acq: 13 Oct 2015 22:12

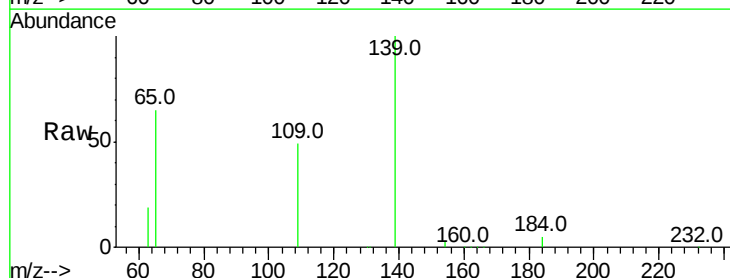
Tgt Ion:139 Resp: 99605

Ion Ratio Lower Upper

139 100

109 49.1 60.0 100.0#

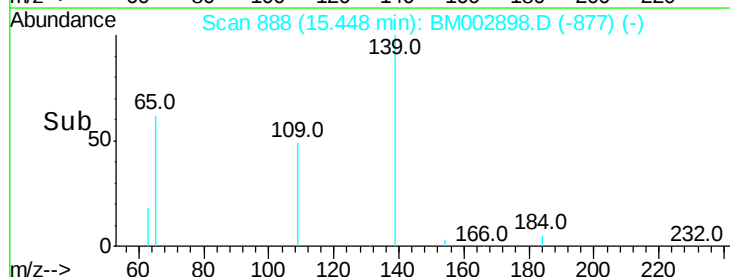
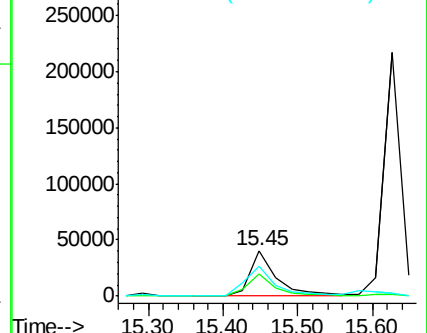
65 64.9 85.7 125.7#

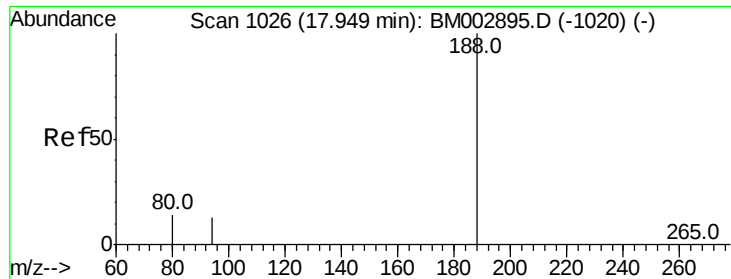


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM0

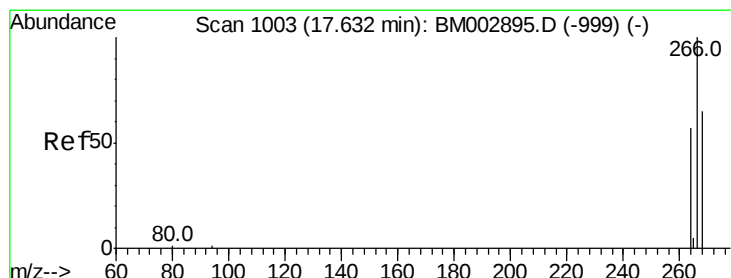
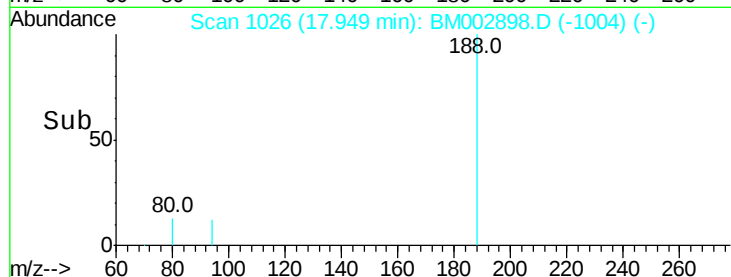
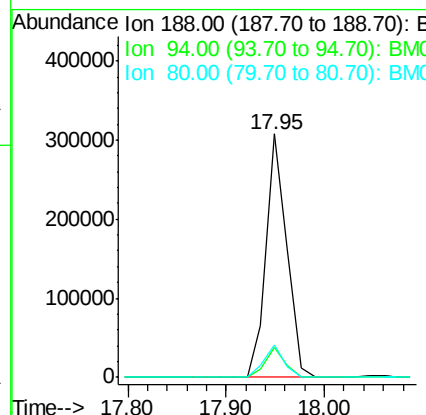
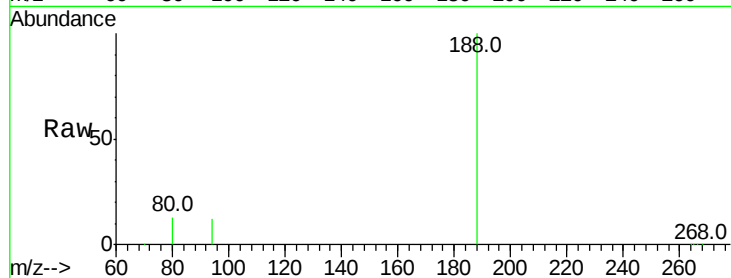




#21
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.95 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BM002898.D
Acq: 13 Oct 2015 22:12

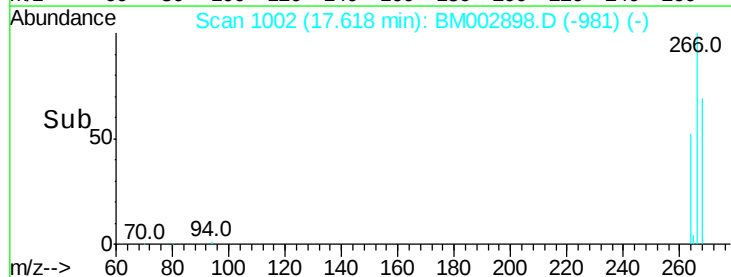
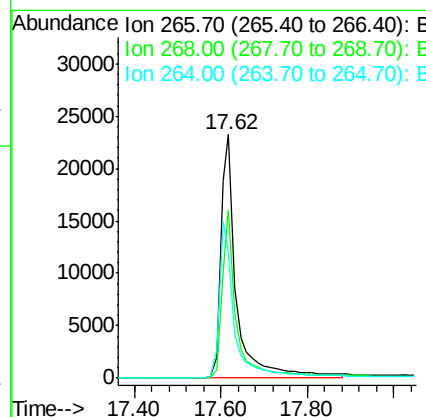
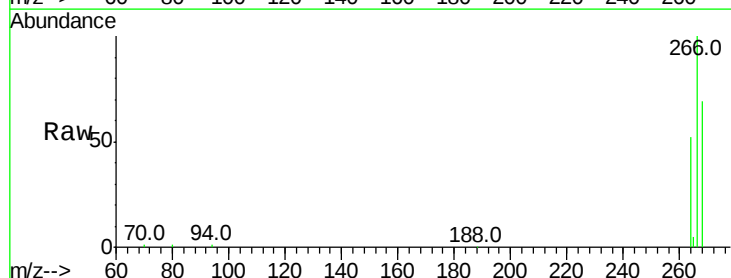
Instrument :
BNA_M
ClientSampleId :
SSTDIC010

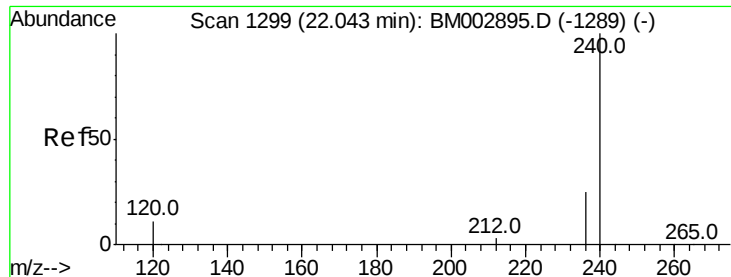
Tot Ion:188 Resp: 456068
Ion Ratio Lower Upper
188 100
94 12.4 2.9 4.3#
80 13.4 2.5 3.7#



#23
Pentachlorophenol
Concen: 16.54 ng
RT: 17.62 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BM002898.D
Acq: 13 Oct 2015 22:12

Tgt Ion:266 Resp: 57239
Ion Ratio Lower Upper
266 100
268 68.9 62.6 94.0
264 51.9 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: BM002898.D

Acq: 13 Oct 2015 22:12

Instrument :

BNA_M

ClientSampleId :

SSTDIC010

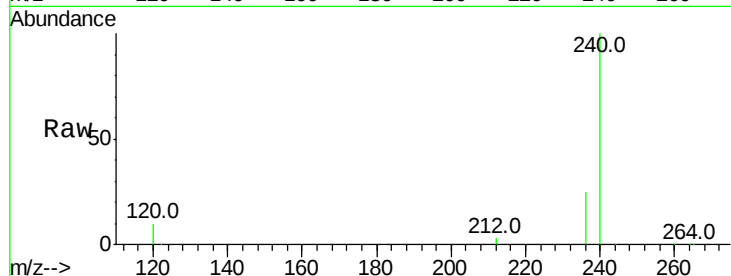
Tot Ion:240 Resp: 416552

Ion Ratio Lower Upper

240 100

120 10.2 10.4 15.6#

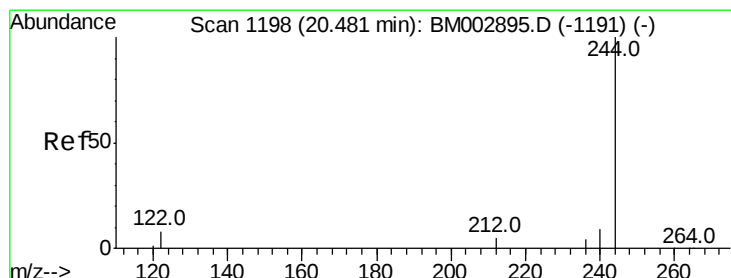
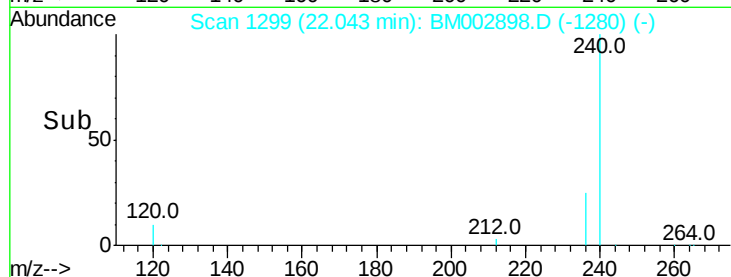
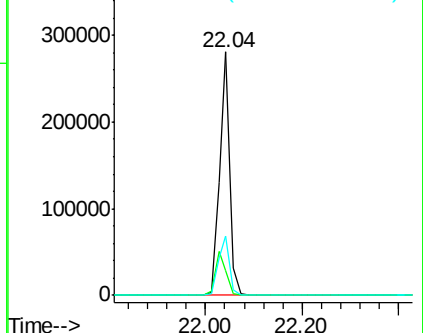
236 24.5 22.0 33.0



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: 9.81 ng

RT: 20.48 min Scan# 1198

Delta R.T. -0.00 min

Lab File: BM002898.D

Acq: 13 Oct 2015 22:12

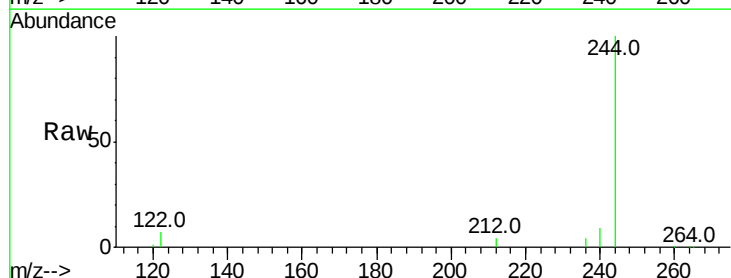
Tgt Ion:244 Resp: 621276

Ion Ratio Lower Upper

244 100

212 8.2 7.3 10.9

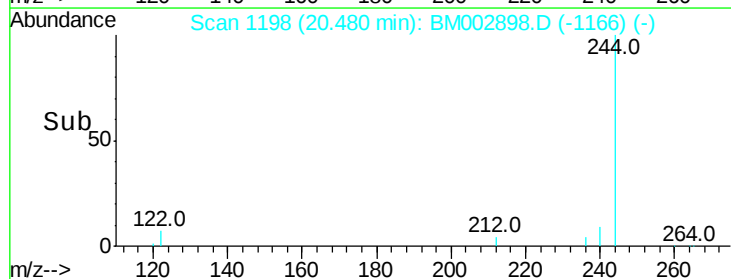
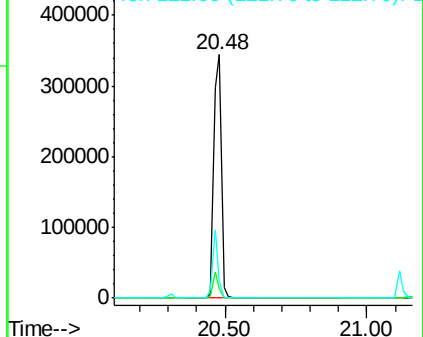
122 19.8 14.8 22.2

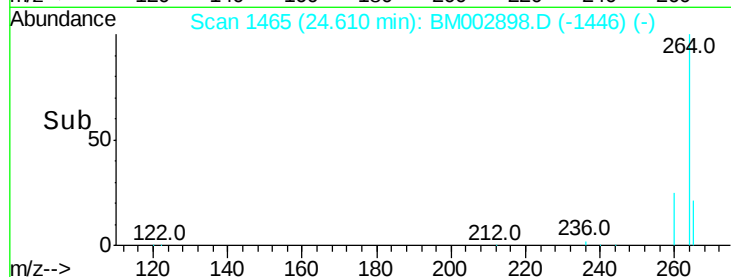
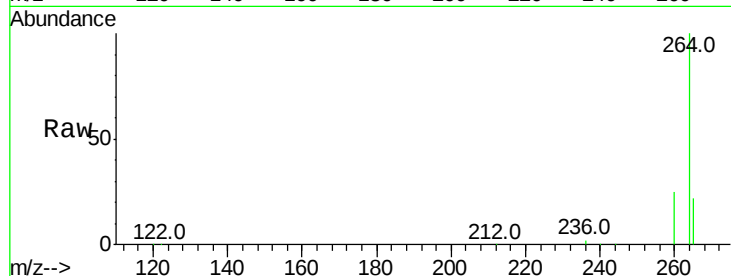
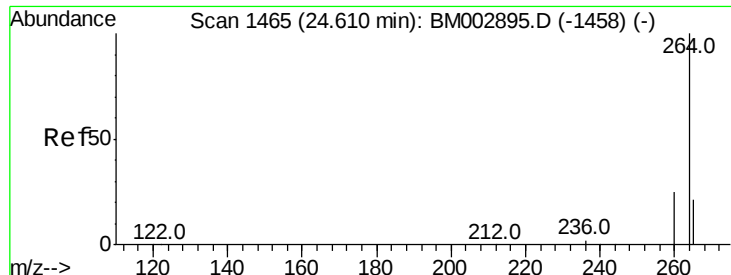


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#26

Pervlene-d12

Concen: 5.00 ng

RT: 24.61 min Scan# 1465

Delta R.T. -0.00 min

Lab File: BM002898.D

Acq: 13 Oct 2015 22:12

Instrument :

BNA_M

ClientSampleId :

SSTDIC010

Tot Ion:264 Resp: 379983

Ion Ratio Lower Upper

264 100

260 24.8 19.7 29.5

265 21.8 17.4 26.2

