

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012018\
 Data File : BG032203.D
 Acq On : 21 Jan 2018 6:34
 Operator : SJ/JU
 Sample : J1214-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-PH3-MGP-02

Quant Time: Jan 22 06:35:38 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 18 10:13:16 2018
 Response via : Initial Calibration

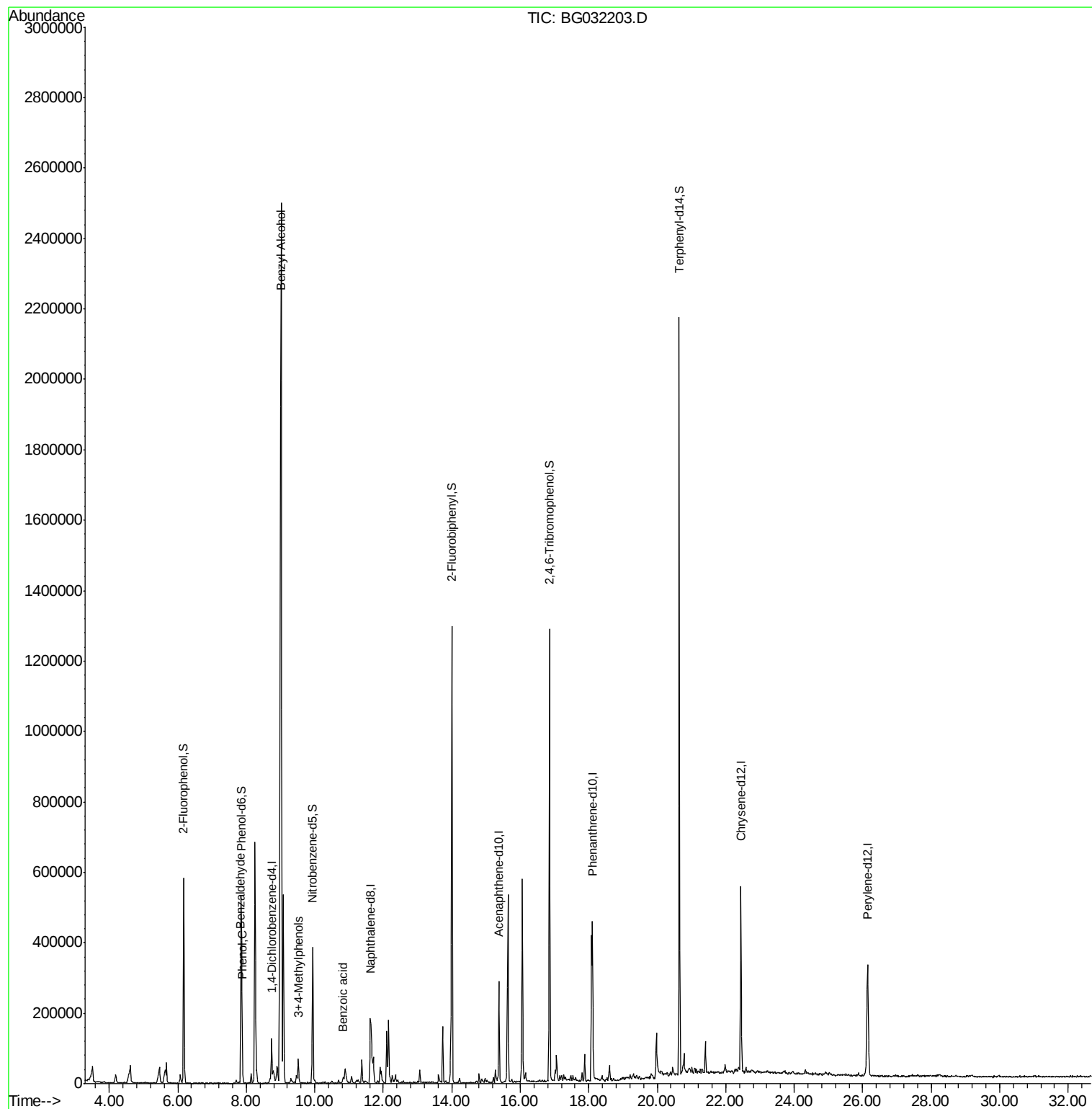
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.75	152	43249	20.00	ng	0.00
21) Naphthalene-d8	11.62	136	183427	20.00	ng	0.00
38) Acenaphthene-d10	15.37	164	110000	20.00	ng	0.00
63) Phenanthrene-d10	18.11	188	291445	20.00	ng	0.00
75) Chrysene-d12	22.44	240	400214	20.00	ng	0.00
86) Perylene-d12	26.14	264	433916	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.17	112	288333	121.93	ng	0.00
7) Phenol-d6	7.85	99	331015	111.15	ng	0.00
23) Nitrobenzene-d5	9.94	82	242148	89.31	ng	0.00
41) 2,4,6-Tribromophenol	16.85	330	290112	159.38	ng	0.00
44) 2-Fluorobiphenyl	14.00	172	746431	84.14	ng	0.00
78) Terphenyl-d14	20.64	244	1127095	62.18	ng	0.00
Target Compounds						
9) Benzaldehyde	7.83	77	10990	6.369	ng	89
10) Phenol	7.88	94	41238	14.056	ng	93
15) Benzyl Alcohol	9.02	79	1307856	604.497	ng	95
20) 3+4-Methylphenols	9.51	107	15582	5.017	ng	95
32) Benzoic acid	10.82	122	11726	10.375	ng	# 75

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.75 min Scan# 929

Delta R.T. 0.00 min

Lab File: BG032203.D

Acq: 21 Jan 2018 6:34

Instrument :

BNA_G

ClientSampleId :

WC-PH3-MGP-02

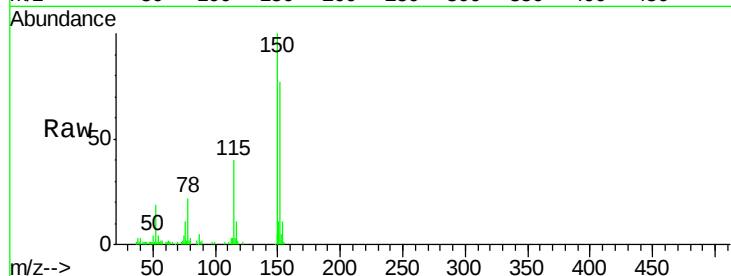
Tot Ion:152 Resp: 43249

Ion Ratio Lower Upper

152 100

150 130.6 126.6 189.8

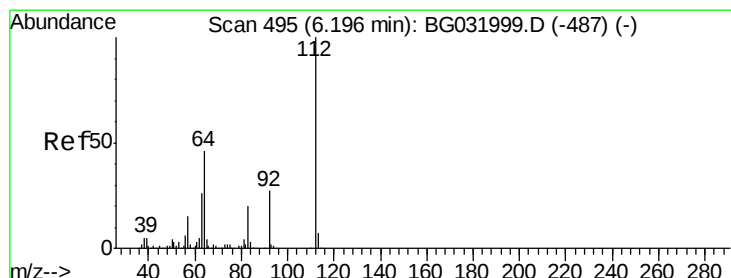
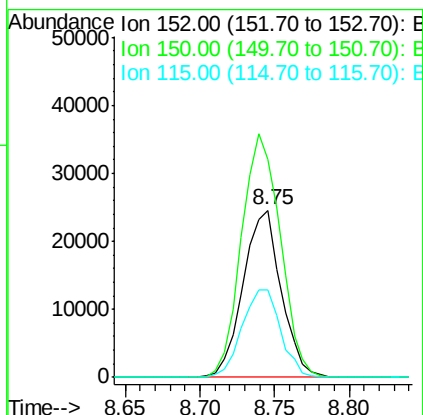
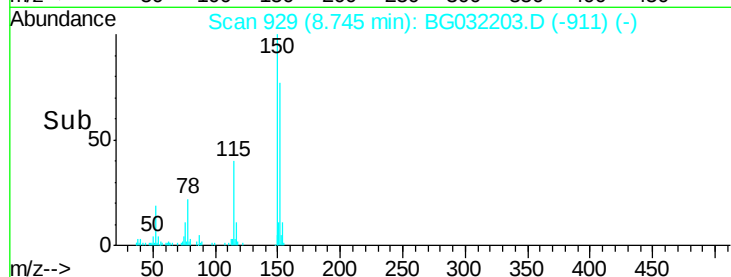
115 52.7 53.0 79.4#



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



#5

2-Fluorophenol

Concen: 121.932 ng

RT: 6.17 min Scan# 491

Delta R.T. 0.00 min

Lab File: BG032203.D

Acq: 21 Jan 2018 6:34

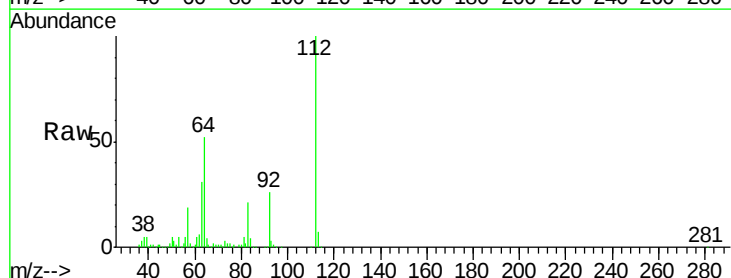
Tgt Ion:112 Resp: 288333

Ion Ratio Lower Upper

112 100

64 52.1 56.3 84.5#

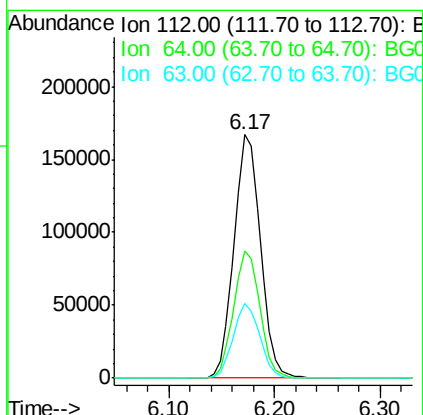
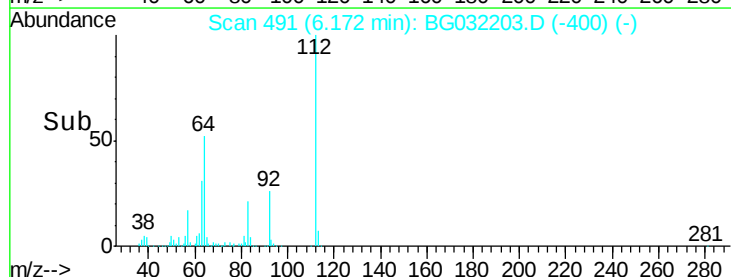
63 30.5 30.1 45.1

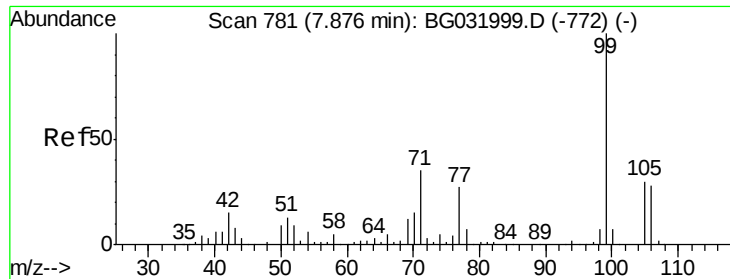


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 111.146 ng

RT: 7.85 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG032203.D

Acq: 21 Jan 2018 6:34

Instrument :

BNA_G

ClientSampleId :

WC-PH3-MGP-02

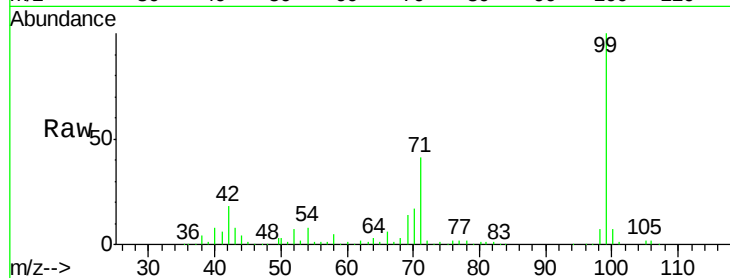
Tot Ion: 99 Resp: 331015

Ion Ratio Lower Upper

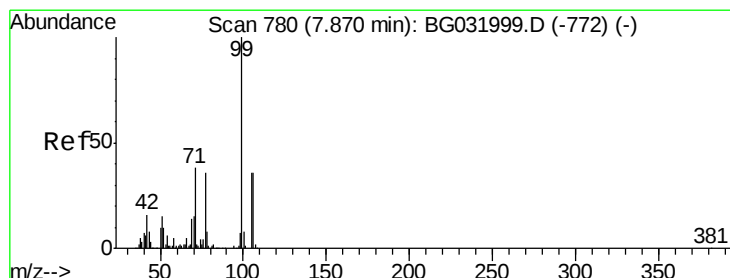
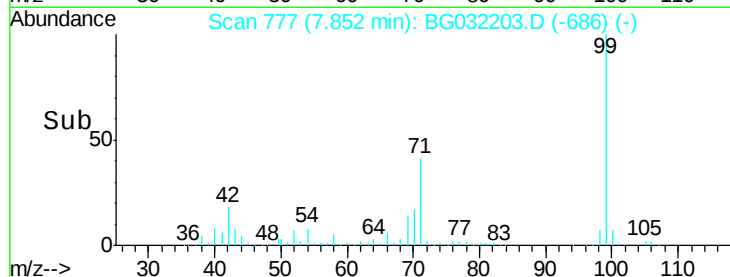
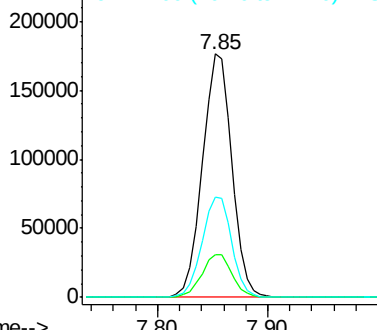
99 100

42 17.6 14.1 21.1

71 41.3 26.1 39.1#



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#9

Benzaldehyde

Concen: 6.369 ng

RT: 7.83 min Scan# 774

Delta R.T. -0.01 min

Lab File: BG032203.D

Acq: 21 Jan 2018 6:34

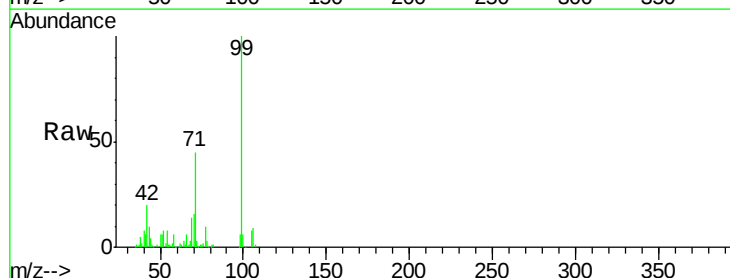
Tgt Ion: 77 Resp: 10990

Ion Ratio Lower Upper

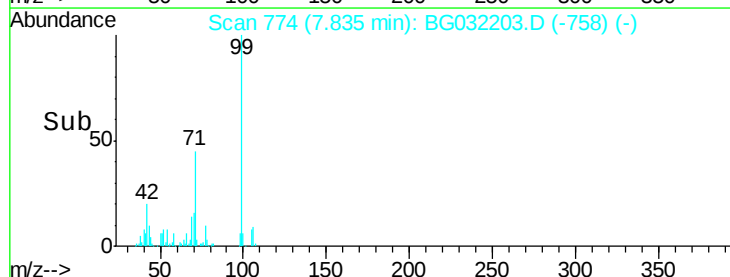
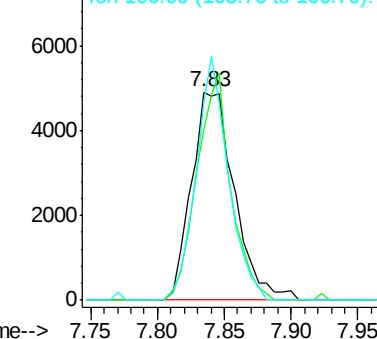
77 100

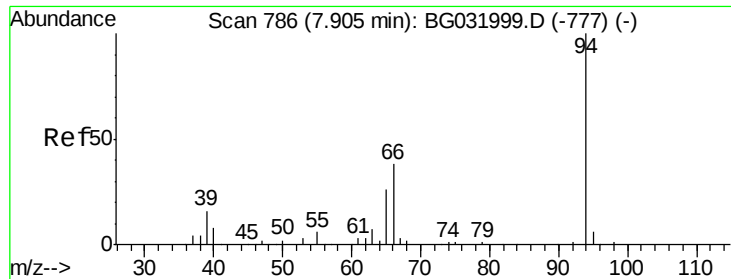
105 81.8 71.3 111.3

106 94.8 64.2 104.2



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC





#10

Phenol

Concen: 14.056 ng

RT: 7.88 min Scan# 782

Delta R.T. 0.00 min

Lab File: BG032203.D

Acq: 21 Jan 2018 6:34

Instrument :

BNA_G

ClientSampleId :

WC-PH3-MGP-02

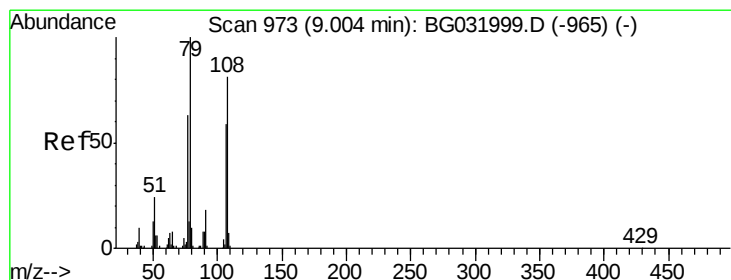
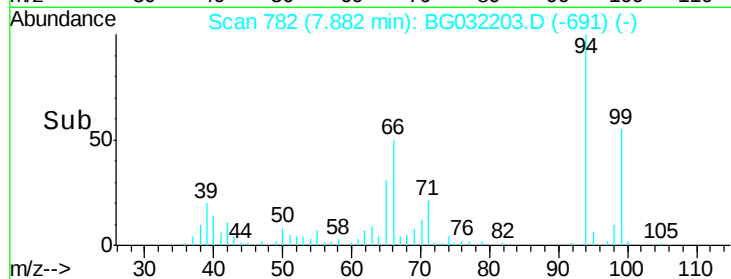
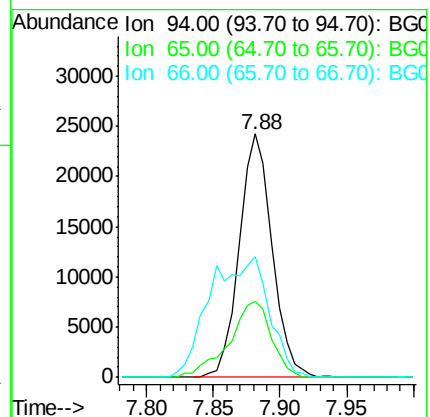
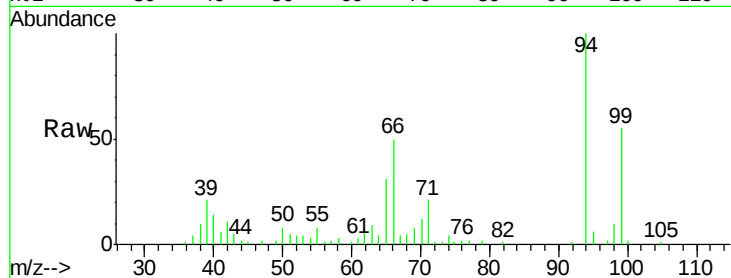
Tot Ion: 94 Resp: 41238

Ion Ratio Lower Upper

94 100

65 31.3 11.9 51.9

66 49.6 22.2 62.2



#15

Benzyl Alcohol

Concen: 604.497 ng

RT: 9.02 min Scan# 975

Delta R.T. 0.04 min

Lab File: BG032203.D

Acq: 21 Jan 2018 6:34

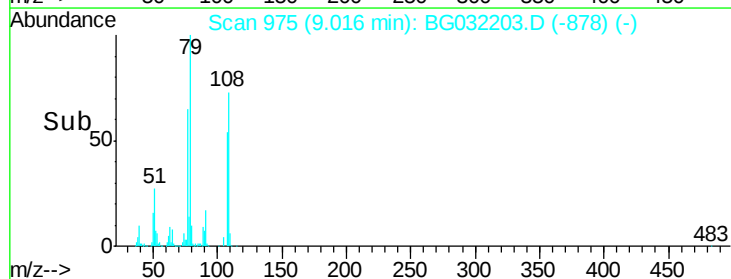
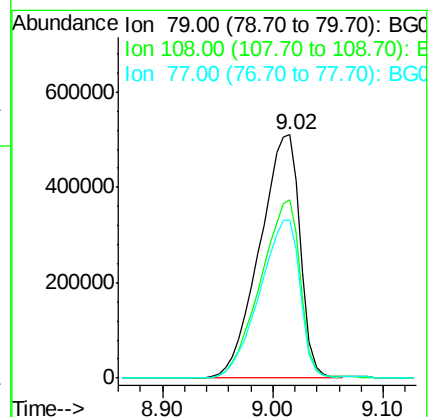
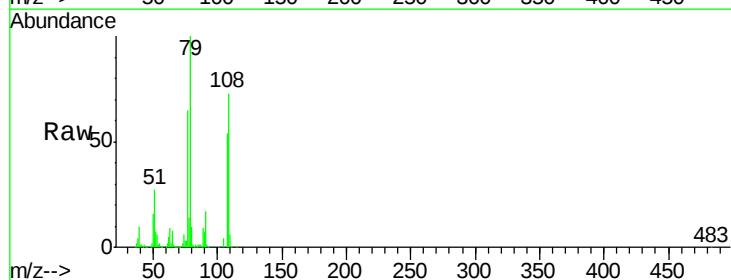
Tgt Ion: 79 Resp: 1307856

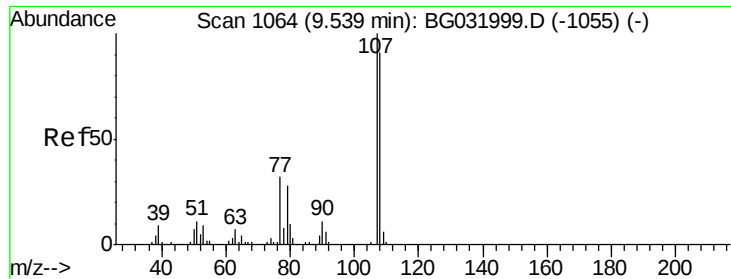
Ion Ratio Lower Upper

79 100

108 73.3 57.2 85.8

77 64.6 46.1 69.1





#20

3+4-Methylphenols

Concen: 5.017 ng

RT: 9.51 min Scan# 1059

Delta R.T. -0.00 min

Lab File: BG032203.D

Acq: 21 Jan 2018 6:34

Instrument :

BNA_G

ClientSampleId :

WC-PH3-MGP-02

Tot Ion:107 Resp: 15582

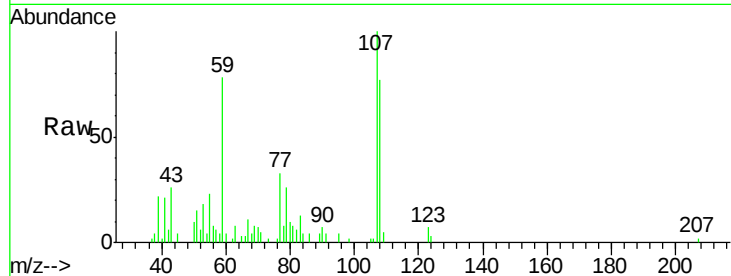
Ion Ratio Lower Upper

107 100

108 76.6 61.6 101.6

77 32.7 13.9 53.9

79 25.6 8.8 48.8

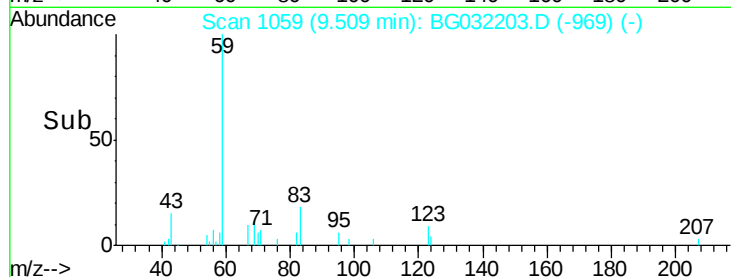


Abundance Ion 107.00 (106.70 to 107.70): E

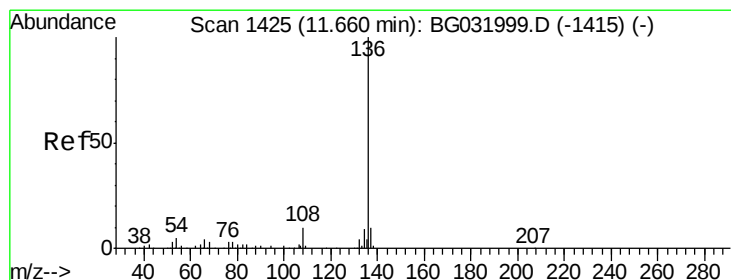
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.62 min Scan# 1419

Delta R.T. -0.00 min

Lab File: BG032203.D

Acq: 21 Jan 2018 6:34

Tgt Ion:136 Resp: 183427

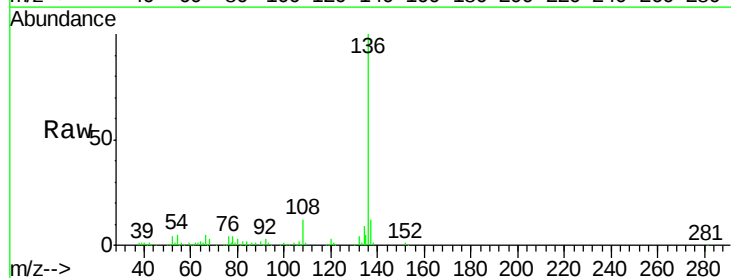
Ion Ratio Lower Upper

136 100

137 11.8 9.2 13.8

54 5.2 10.3 15.5#

68 2.6 4.5 6.7#

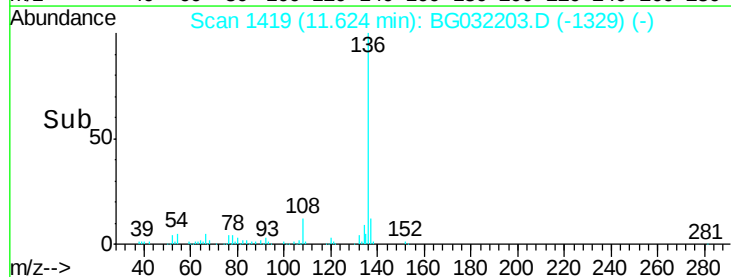


Abundance Ion 136.00 (135.70 to 136.70): E

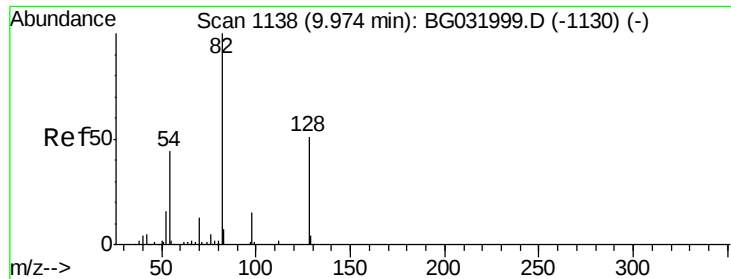
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



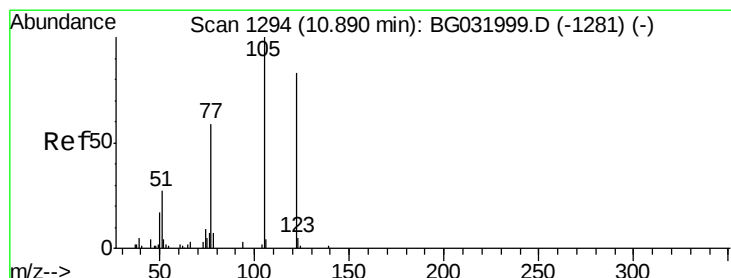
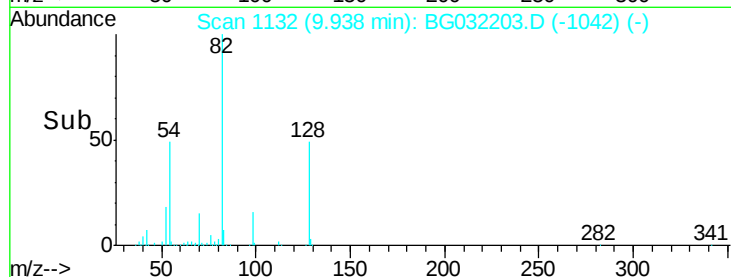
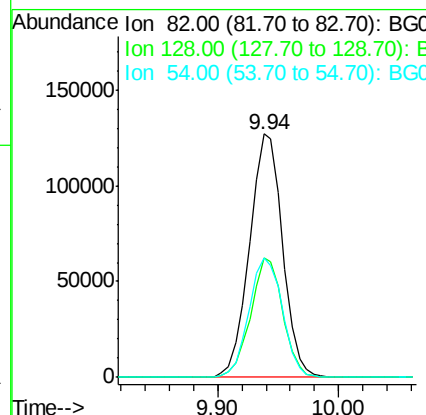
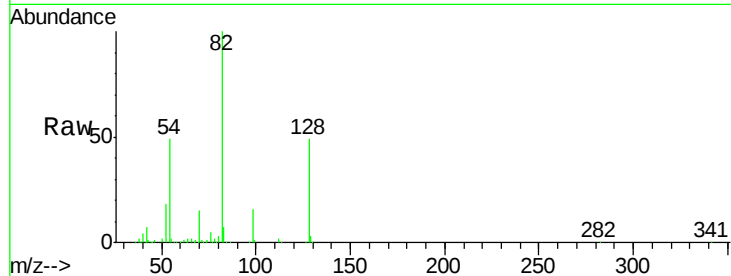
Time-->



#23
 Nitrobenzene-d5
 Concen: 89.313 ng
 RT: 9.94 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: BG032203.D
 Acq: 21 Jan 2018 6:34

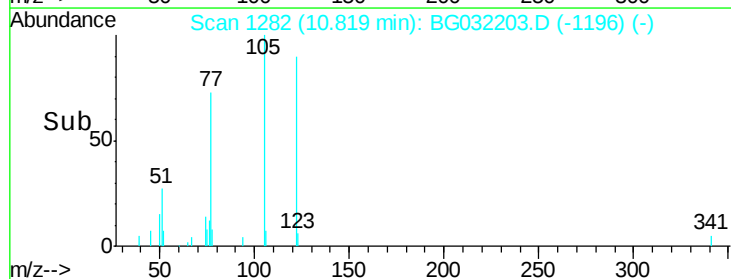
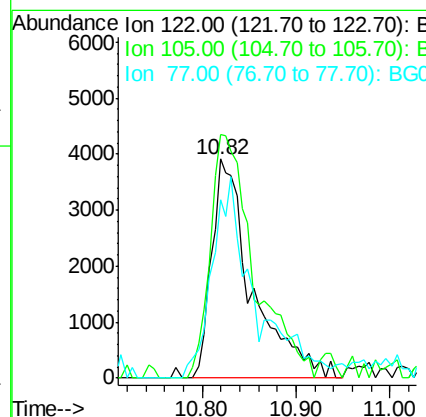
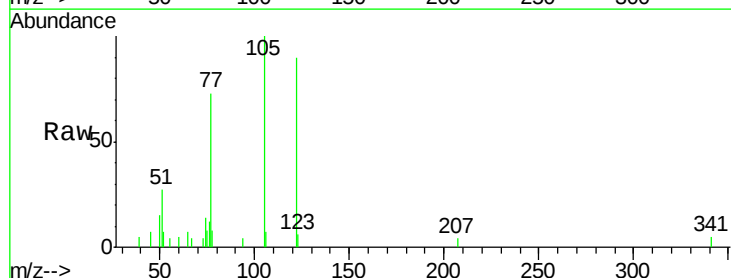
Instrument :
 BNA_G
 ClientSampleId :
 WC-PH3-MGP-02

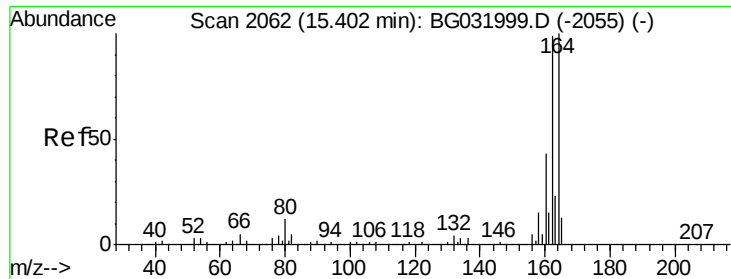
Tot Ion: 82 Resp: 242148
 Ion Ratio Lower Upper
 82 100
 128 49.0 29.7 44.5#
 54 49.2 43.1 64.7



#32
 Benzoic acid
 Concen: 10.375 ng
 RT: 10.82 min Scan# 1282
 Delta R.T. -0.03 min
 Lab File: BG032203.D
 Acq: 21 Jan 2018 6:34

Tgt Ion: 122 Resp: 11726
 Ion Ratio Lower Upper
 122 100
 105 111.1 123.5 163.5#
 77 81.2 85.7 125.7#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.37 min Scan# 2057

Delta R.T. -0.01 min

Lab File: BG032203.D

Acq: 21 Jan 2018 6:34

Instrument :

BNA_G

ClientSampleId :

WC-PH3-MGP-02

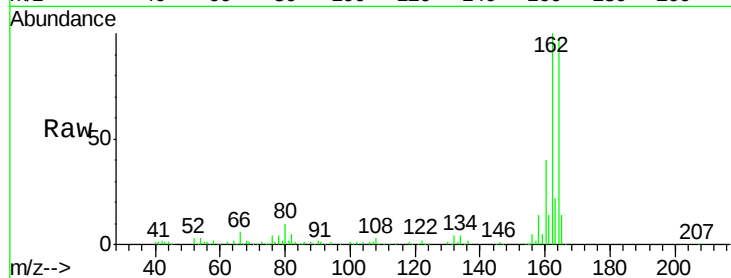
Tot Ion:164 Resp: 110000

Ion Ratio Lower Upper

164 100

162 103.0 78.8 118.2

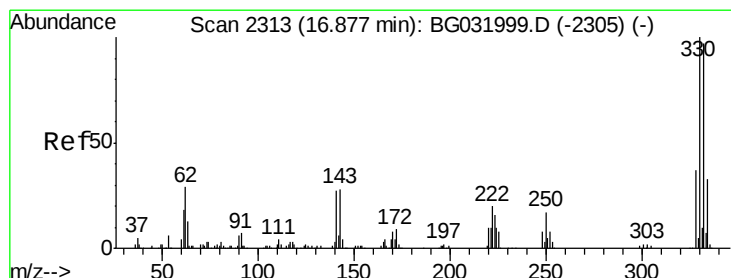
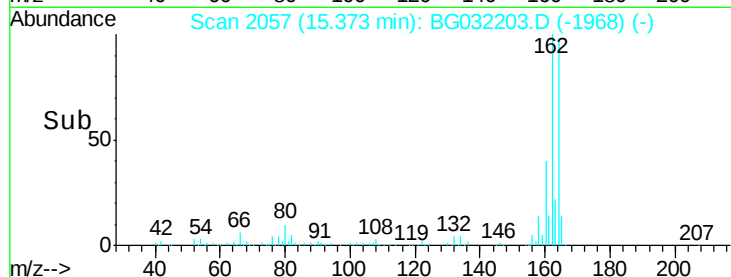
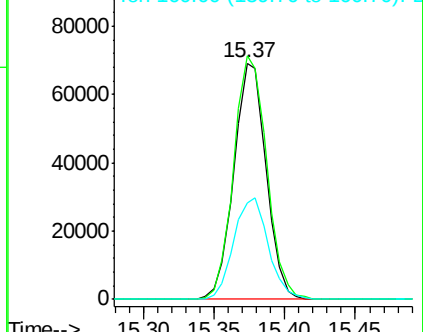
160 40.9 35.4 53.0



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



#41

2,4,6-Tribromophenol

Concen: 159.381 ng

RT: 16.85 min Scan# 2309

Delta R.T. -0.00 min

Lab File: BG032203.D

Acq: 21 Jan 2018 6:34

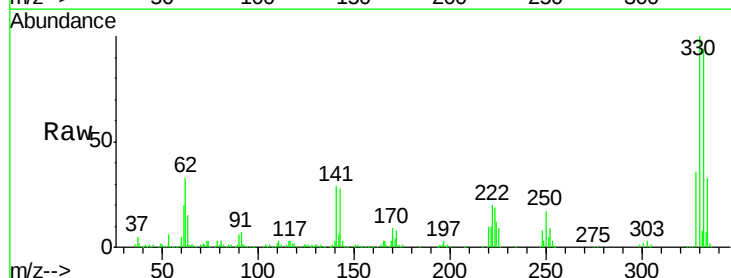
Tgt Ion:330 Resp: 290112

Ion Ratio Lower Upper

330 100

332 95.3 77.0 115.6

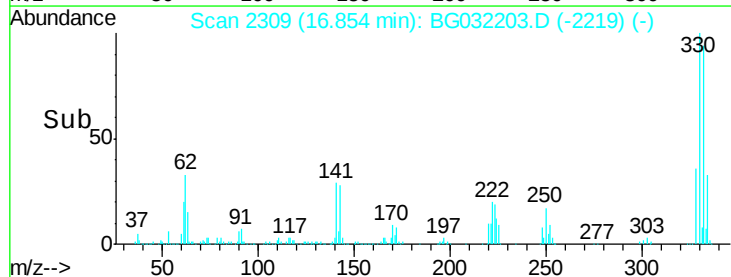
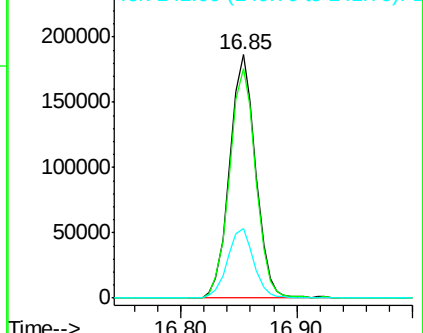
141 28.9 25.2 37.8

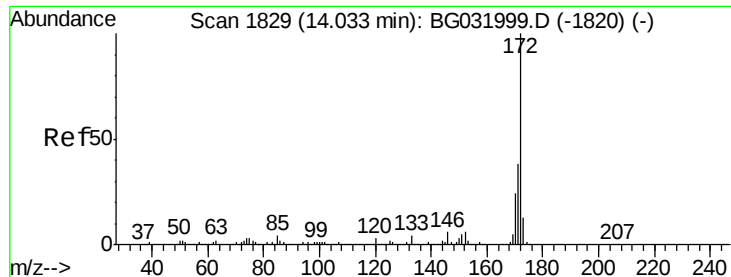


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

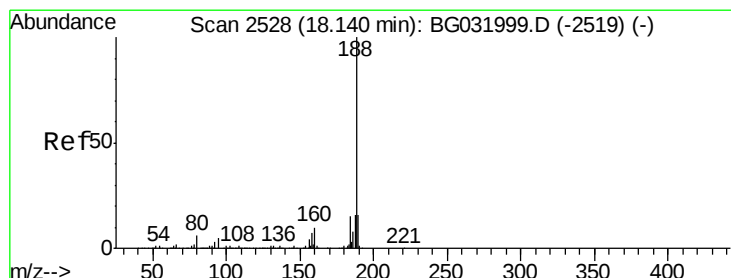
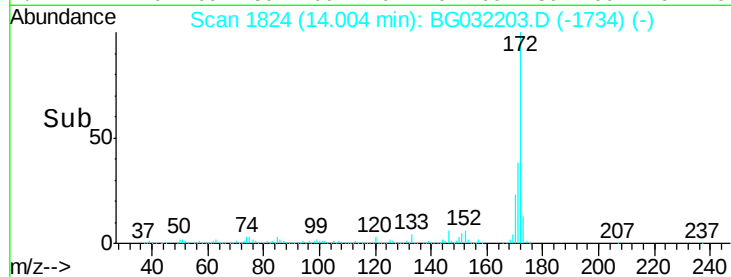
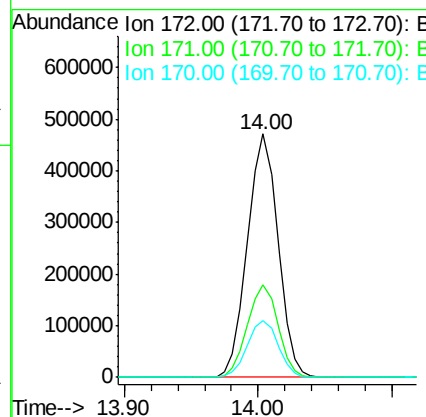
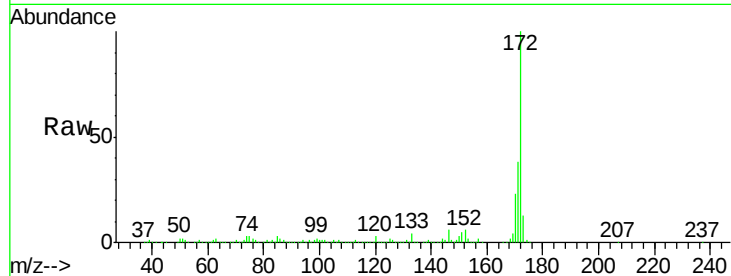




#44
 2-Fluorobiphenyl
 Concen: 84.140 ng
 RT: 14.00 min Scan# 1824
 Delta R.T. -0.00 min
 Lab File: BG032203.D
 Acq: 21 Jan 2018 6:34

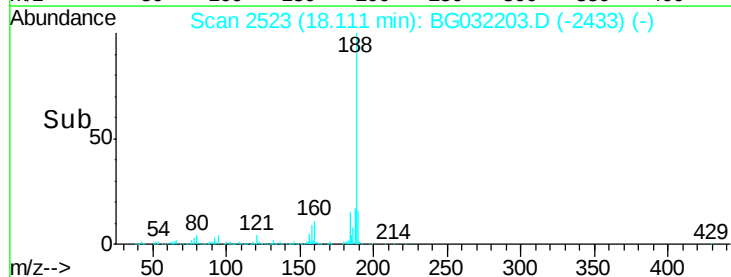
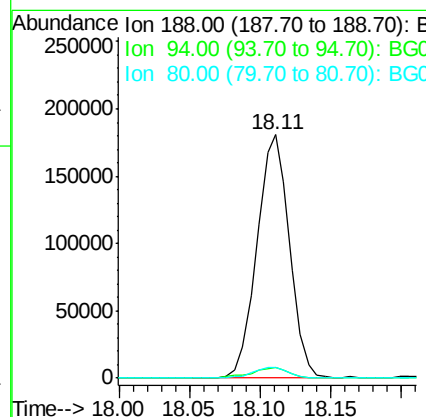
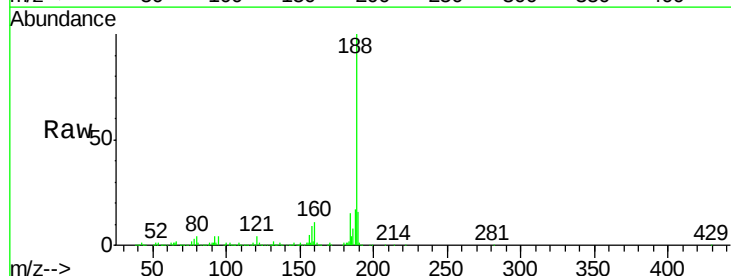
Instrument :
 BNA_G
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 WC-PH3-MGP-02

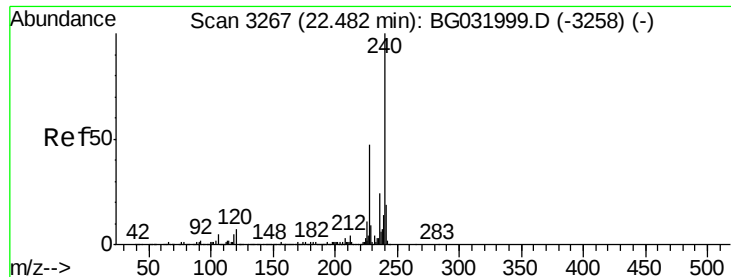
Tot Ion:172 Resp: 746431
 Ion Ratio Lower Upper
 172 100
 171 37.8 30.0 45.0
 170 23.2 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.11 min Scan# 2523
 Delta R.T. -0.00 min
 Lab File: BG032203.D
 Acq: 21 Jan 2018 6:34

Tgt Ion:188 Resp: 291445
 Ion Ratio Lower Upper
 188 100
 94 4.3 6.9 10.3#
 80 4.8 7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.44 min Scan# 3260

Delta R.T. -0.01 min

Lab File: BG032203.D

Acq: 21 Jan 2018 6:34

Instrument :

BNA_G

ClientSampleId :

WC-PH3-MGP-02

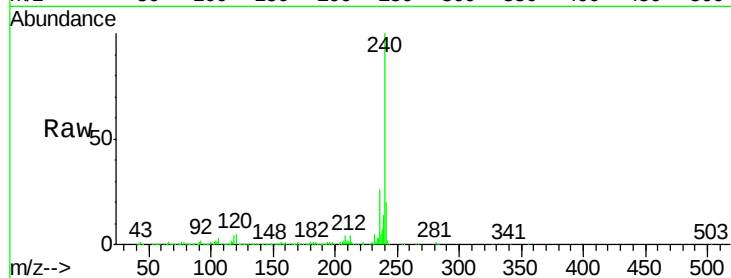
Tot Ion:240 Resp: 400214

Ion Ratio Lower Upper

240 100

120 4.6 6.8 10.2#

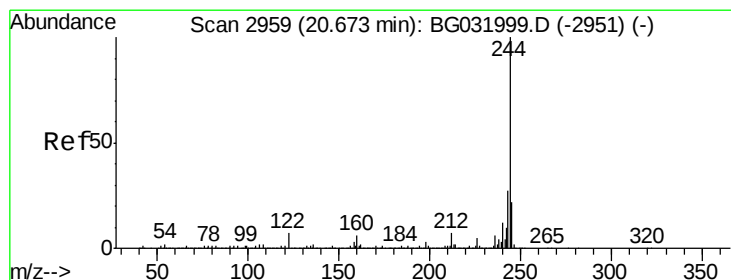
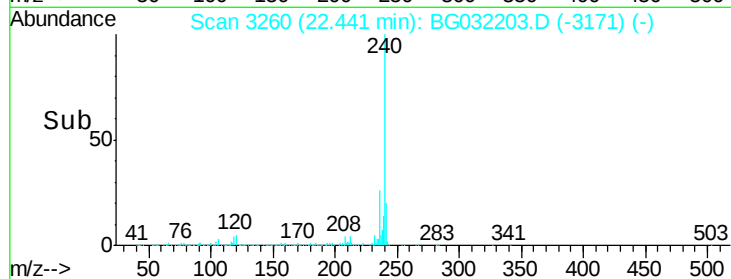
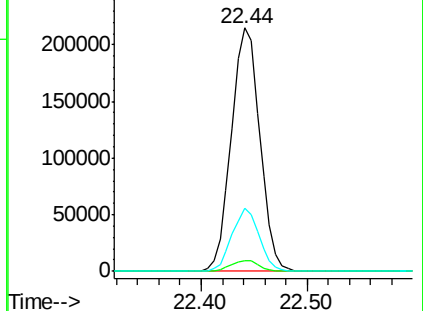
236 26.2 20.9 31.3



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



#78

Terphenyl-d14

Concen: 62.184 ng

RT: 20.64 min Scan# 2954

Delta R.T. -0.01 min

Lab File: BG032203.D

Acq: 21 Jan 2018 6:34

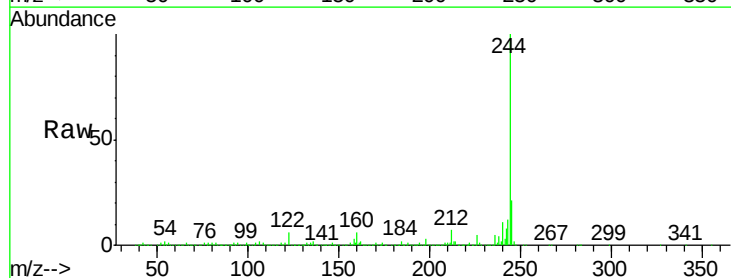
Tgt Ion:244 Resp: 1127095

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

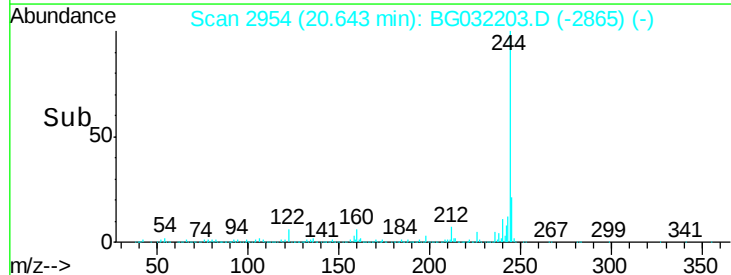
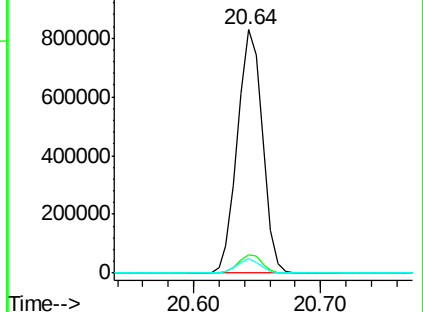
122 6.0 7.0 10.4#

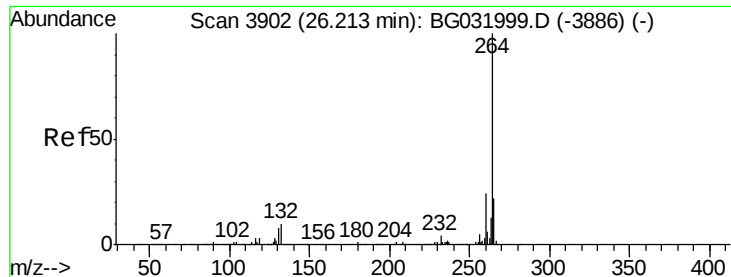


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

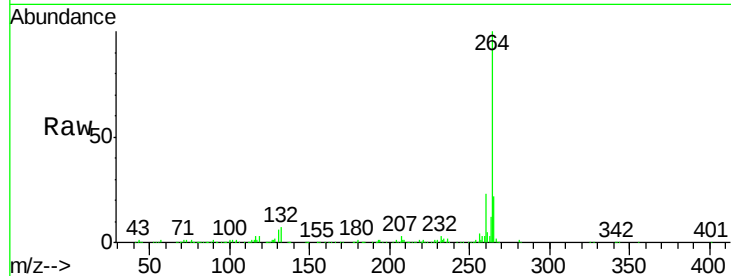




#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.14 min Scan# 3889
Delta R.T. -0.01 min
Lab File: BG032203.D
Acq: 21 Jan 2018 6:34

Instrument :
BNA_G
ClientSampleId :
WC-PH3-MGP-02

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	17.4	26.0
265	21.7	17.7	26.5



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

