

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011618\
 Data File : BG032099.D
 Acq On : 17 Jan 2018 9:50
 Operator : SJ/JU
 Sample : J1122-19
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 G-1

Quant Time: Jan 17 10:53:39 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 15 10:05:15 2018
 Response via : Initial Calibration

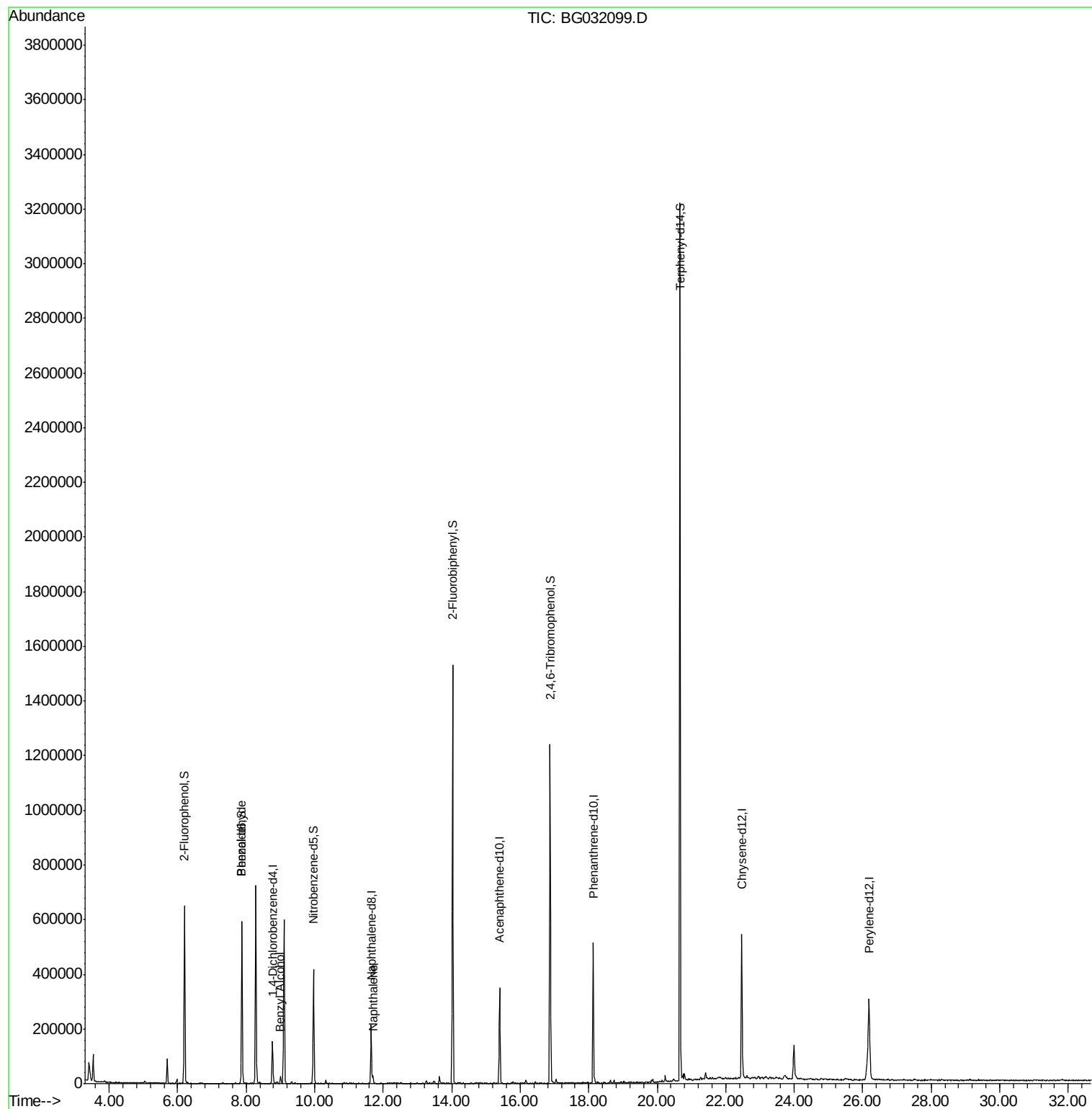
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.77	152	54685	20.00	ng	0.00
21) Naphthalene-d8	11.65	136	205236	20.00	ng	0.00
38) Acenaphthene-d10	15.40	164	132740	20.00	ng	0.00
63) Phenanthrene-d10	18.13	188	343217	20.00	ng	0.00
75) Chrysene-d12	22.47	240	412032	20.00	ng	-0.02
86) Perylene-d12	26.19	264	420291	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.20	112	331098	110.74	ng	0.00
7) Phenol-d6	7.87	99	375827	99.80	ng	0.00
23) Nitrobenzene-d5	9.96	82	270440	89.15	ng	0.00
41) 2,4,6-Tribromophenol	16.87	330	288724	131.45	ng	0.00
44) 2-Fluorobiphenyl	14.03	172	931933	87.05	ng	0.00
78) Terphenyl-d14	20.66	244	1709113	91.59	ng	0.00
Target Compounds						
9) Benzaldehyde	7.87	77	4480	2.053	ng	Qvalue # 83
15) Benzyl Alcohol	9.00	79	10157	3.713	ng	89
31) Naphthalene	11.70	128	26889	2.645	ng	# 94

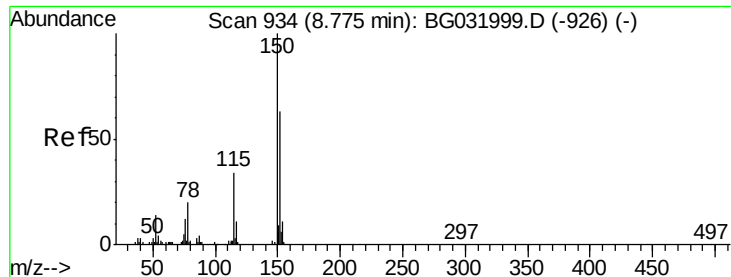
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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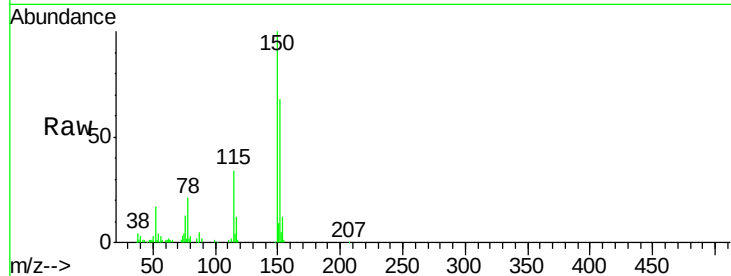


#1

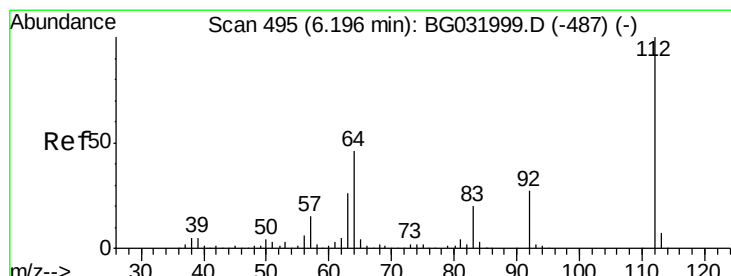
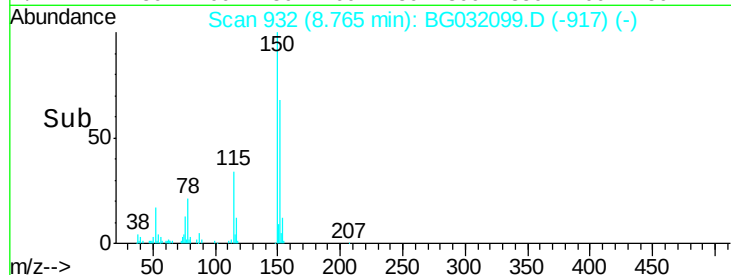
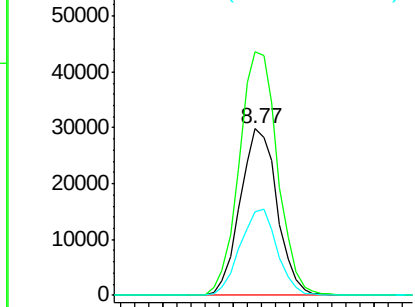
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.77 min Scan# 932
Delta R.T. -0.01 min
Lab File: BG032099.D
Acq: 17 Jan 2018 9:50

Instrument :
BNA_G
ClientSampleId :
G-1

Tgt Ion:152 Resp: 54685
Ion Ratio Lower Upper
152 100
150 146.4 126.6 189.8
115 50.2 53.0 79.4#



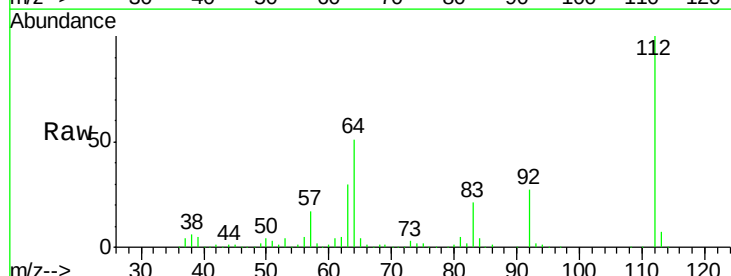
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



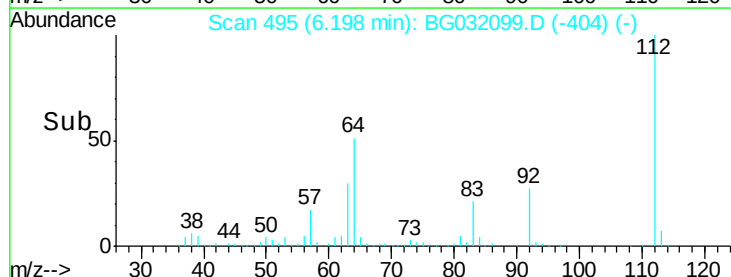
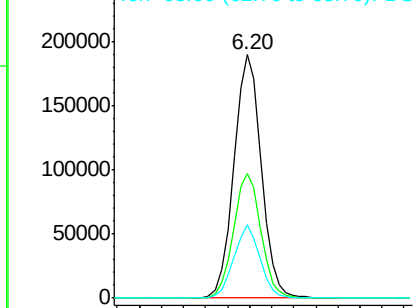
#5

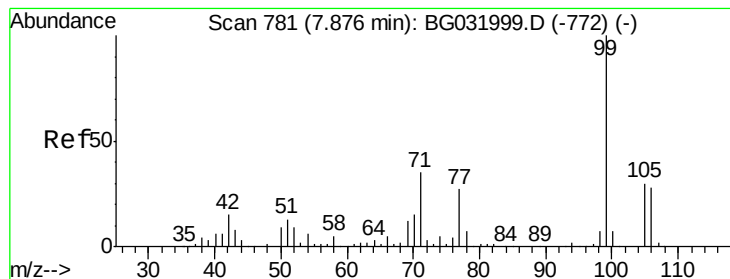
2-Fluorophenol
Concen: 110.735 ng
RT: 6.20 min Scan# 495
Delta R.T. 0.00 min
Lab File: BG032099.D
Acq: 17 Jan 2018 9:50

Tgt Ion:112 Resp: 331098
Ion Ratio Lower Upper
112 100
64 51.1 56.3 84.5#
63 30.3 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: 99.802 ng

RT: 7.87 min Scan# 780

Delta R.T. -0.00 min

Lab File: BG032099.D

Acq: 17 Jan 2018 9:50

Instrument :

BNA_G

ClientSampleId :

G-1

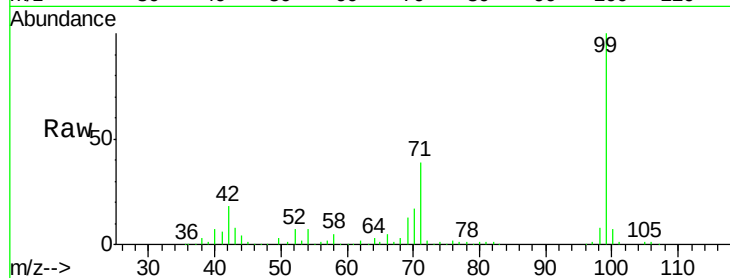
Tgt Ion: 99 Resp: 375827

Ion Ratio Lower Upper

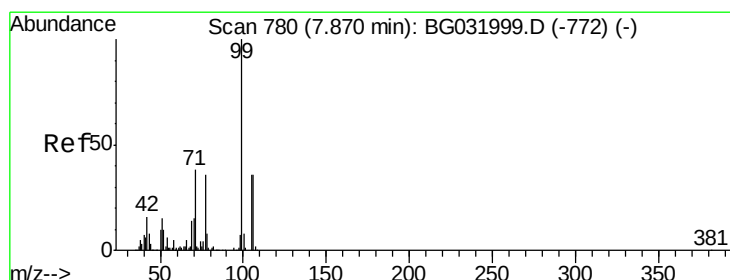
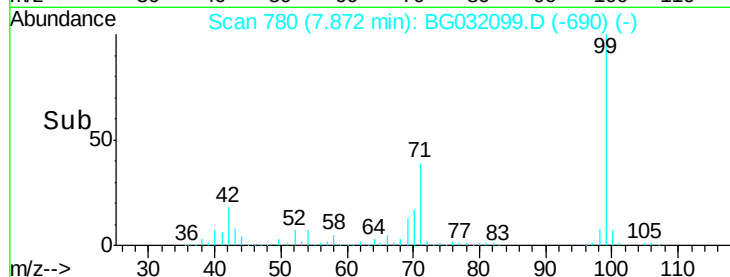
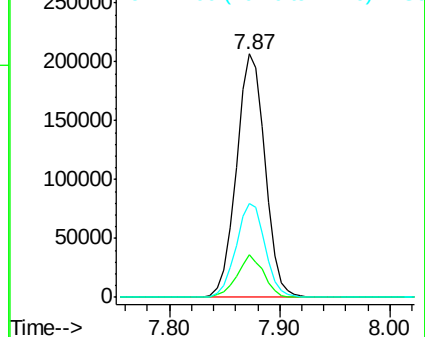
99 100

42 17.6 14.1 21.1

71 38.6 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: 2.053 ng

RT: 7.87 min Scan# 780

Delta R.T. 0.00 min

Lab File: BG032099.D

Acq: 17 Jan 2018 9:50

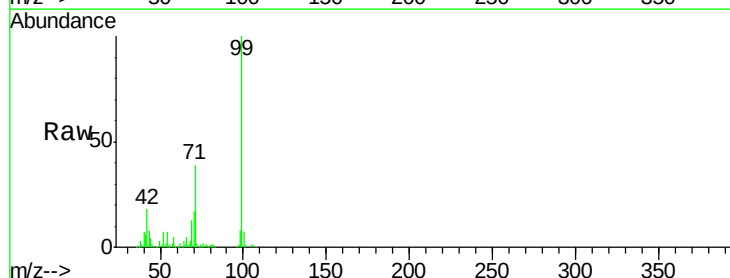
Tgt Ion: 77 Resp: 4480

Ion Ratio Lower Upper

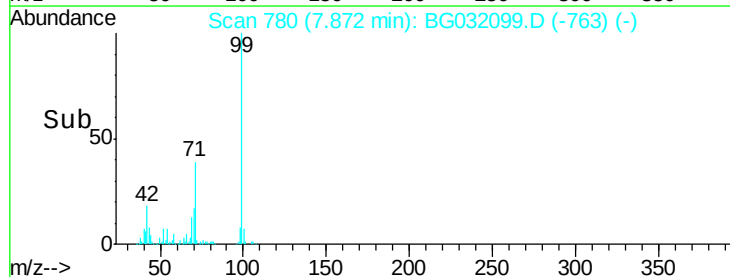
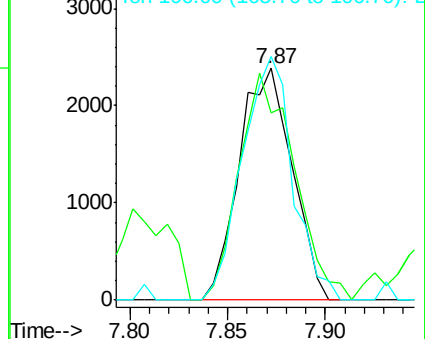
77 100

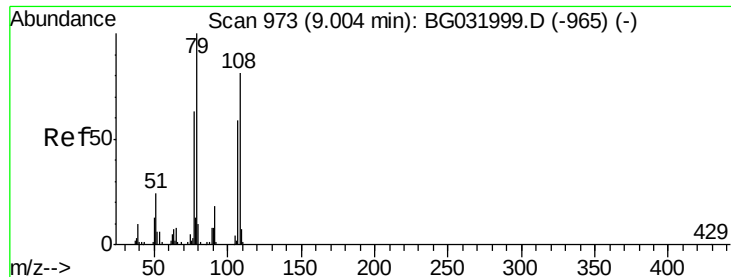
105 81.0 71.3 111.3

106 105.0 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





#15

Benzyl Alcohol

Concen: 3.713 ng

RT: 9.00 min Scan# 972

Delta R.T. -0.00 min

Lab File: BG032099.D

Acq: 17 Jan 2018 9:50

Instrument :

BNA_G

ClientSampleId :

G-1

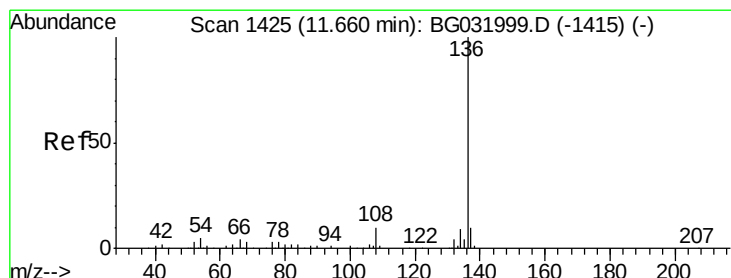
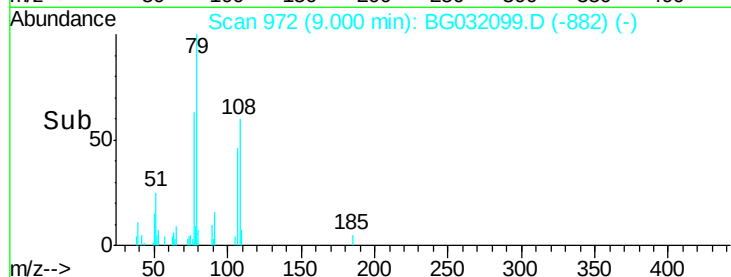
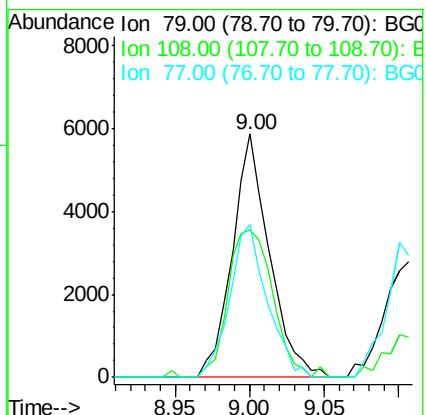
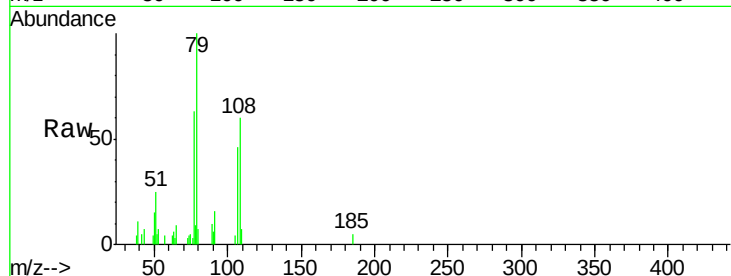
Tgt Ion: 79 Resp: 10157

Ion Ratio Lower Upper

79 100

108 60.4 57.2 85.8

77 62.8 46.1 69.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.65 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BG032099.D

Acq: 17 Jan 2018 9:50

Tgt Ion: 136 Resp: 205236

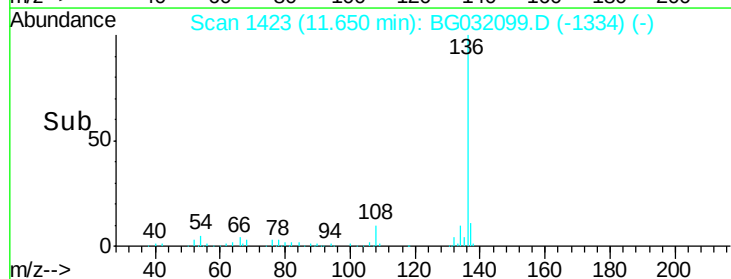
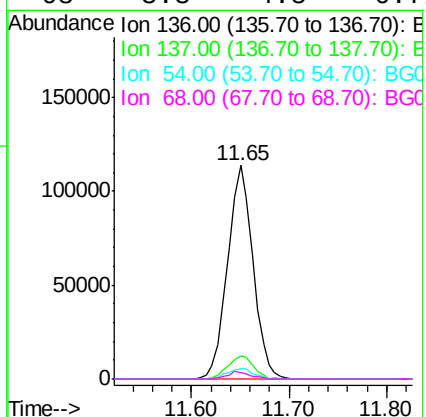
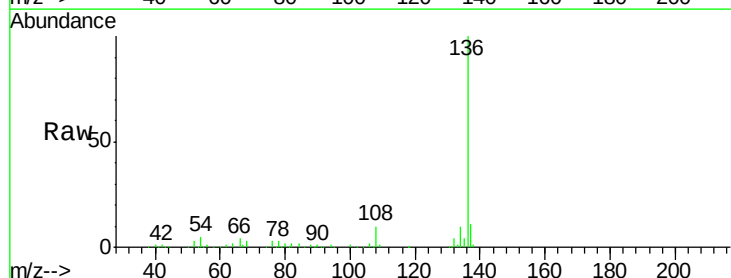
Ion Ratio Lower Upper

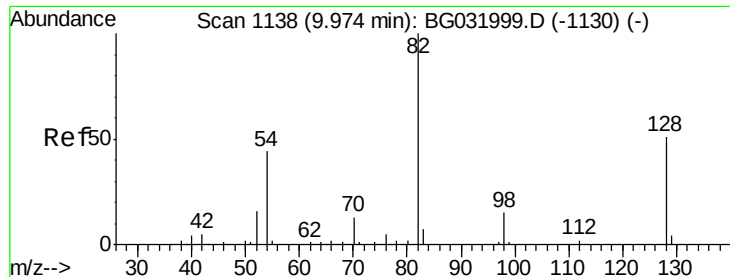
136 100

137 10.8 9.2 13.8

54 4.6 10.3 15.5#

68 3.3 4.5 6.7#

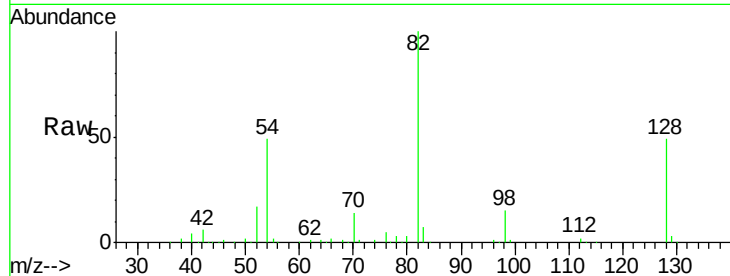




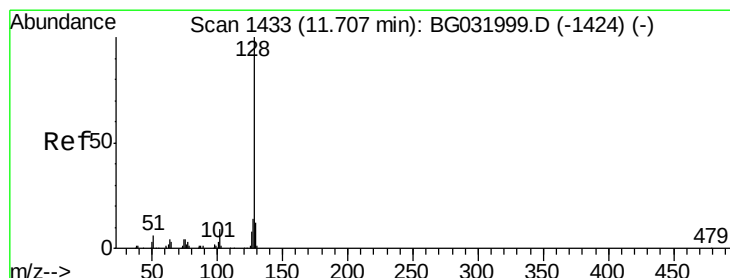
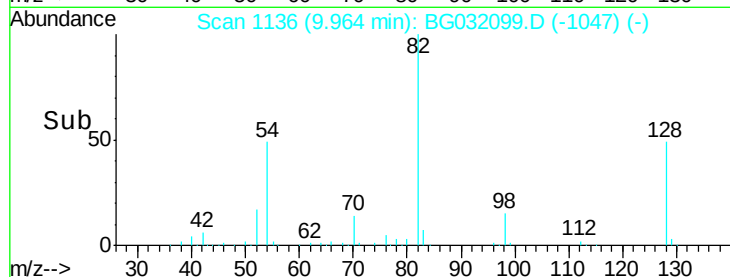
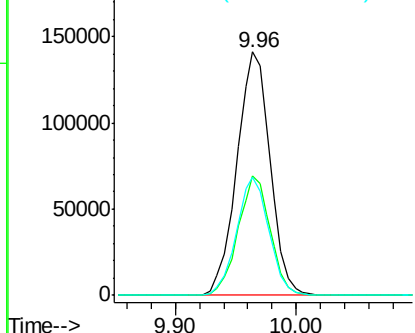
#23
 Nitrobenzene-d5
 Concen: 89.148 ng
 RT: 9.96 min Scan# 1136
 Delta R.T. -0.01 min
 Lab File: BG032099.D
 Acq: 17 Jan 2018 9:50

Instrument :
 BNA_G
 ClientSampleId :
 G-1

Tgt Ion: 82 Resp: 270440
 Ion Ratio Lower Upper
 82 100
 128 49.0 29.7 44.5#
 54 48.7 43.1 64.7

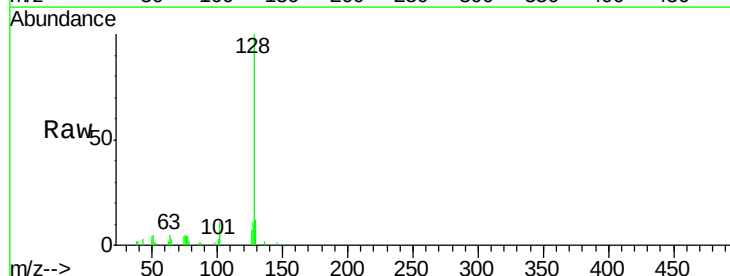


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

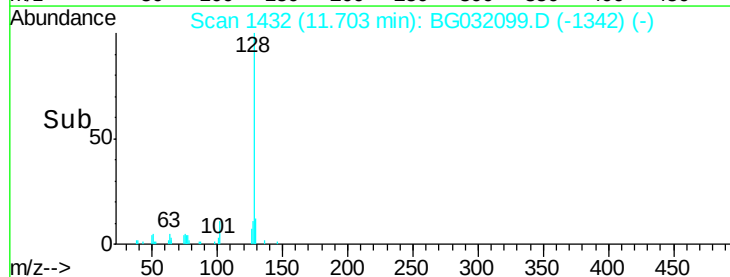
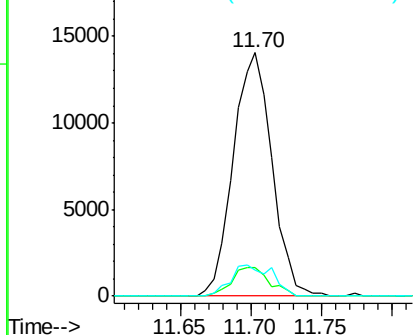


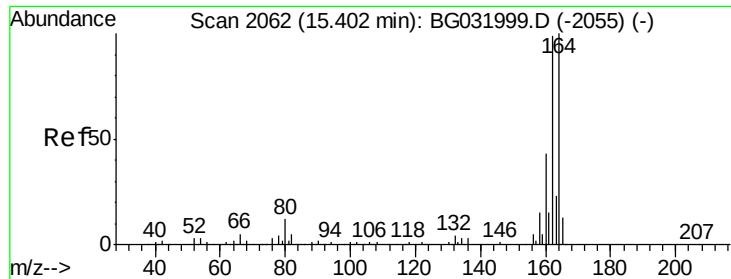
#31
 Naphthalene
 Concen: 2.645 ng
 RT: 11.70 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: BG032099.D
 Acq: 17 Jan 2018 9:50

Tgt Ion: 128 Resp: 26889
 Ion Ratio Lower Upper
 128 100
 129 11.6 8.6 12.8
 127 10.8 11.6 17.4#



Abundance Ion 128.00 (127.70 to 128.70): BGC
 Ion 129.00 (128.70 to 129.70): BGC
 Ion 127.00 (126.70 to 127.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.40 min Scan# 2061

Delta R.T. -0.00 min

Lab File: BG032099.D

Acq: 17 Jan 2018 9:50

Instrument :

BNA_G

ClientSampleId :

G-1

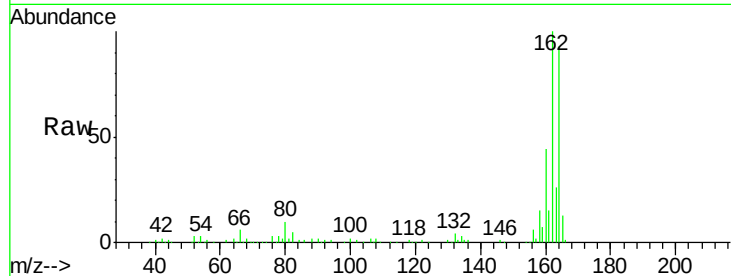
Tgt Ion:164 Resp: 132740

Ion Ratio Lower Upper

164 100

162 107.9 78.8 118.2

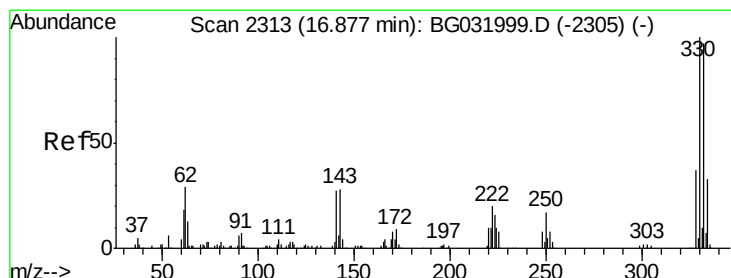
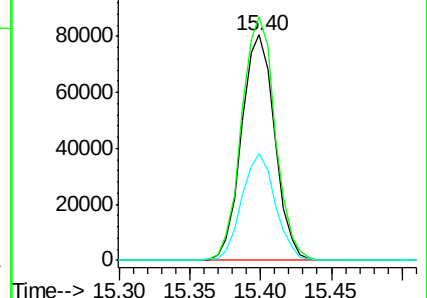
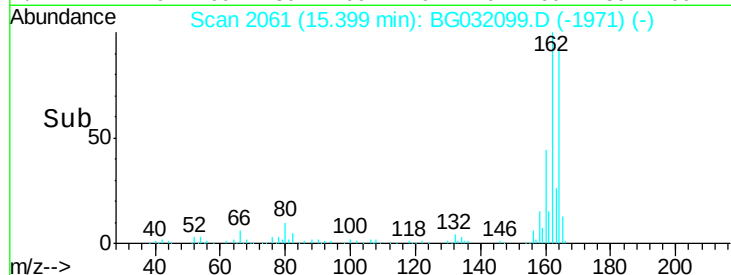
160 47.3 35.4 53.0



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: 131.445 ng

RT: 16.87 min Scan# 2312

Delta R.T. -0.00 min

Lab File: BG032099.D

Acq: 17 Jan 2018 9:50

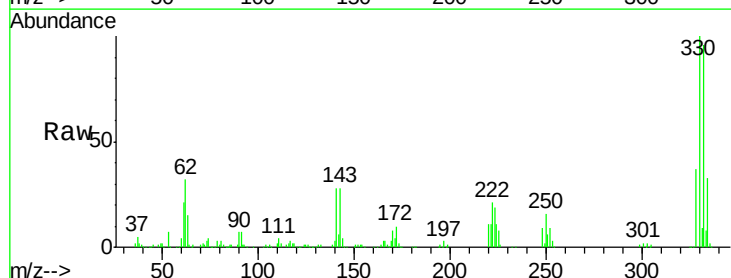
Tgt Ion:330 Resp: 288724

Ion Ratio Lower Upper

330 100

332 96.5 77.0 115.6

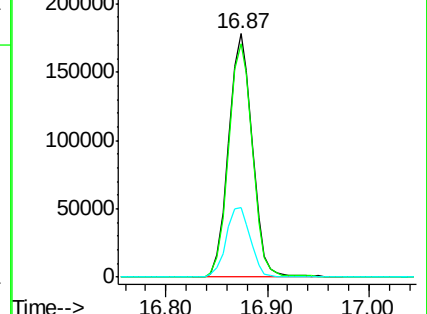
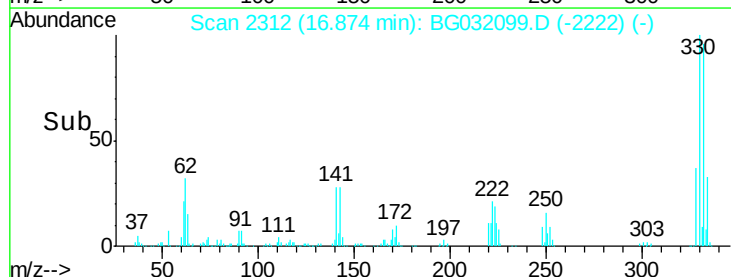
141 29.4 25.2 37.8

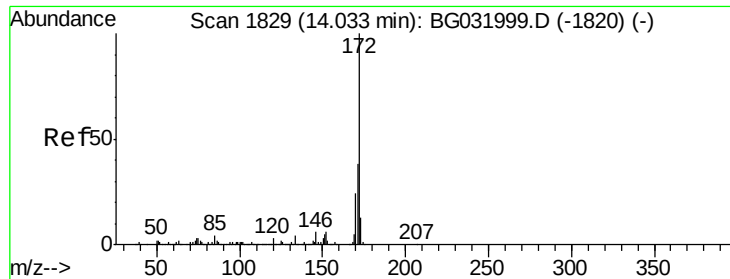


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

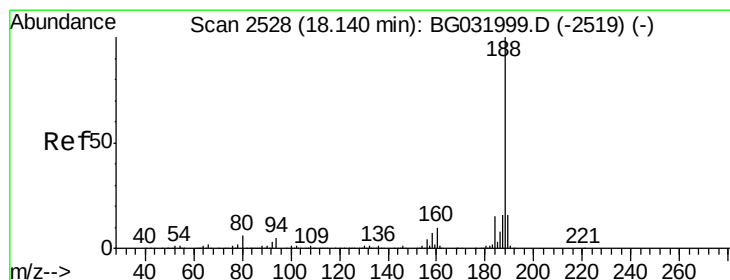
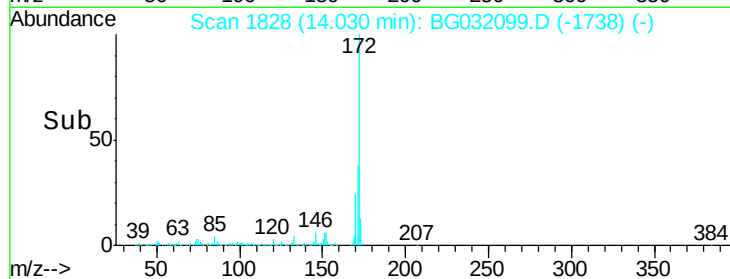
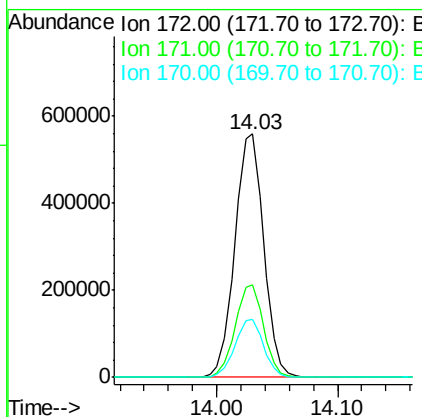
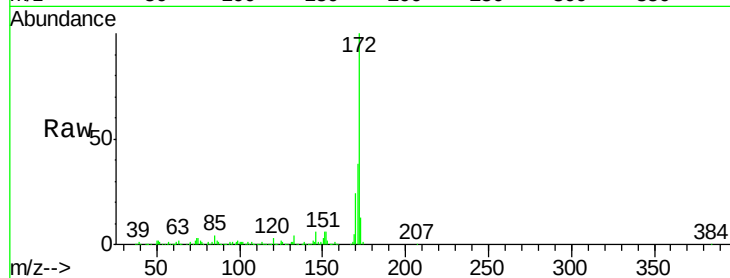




#44
 2-Fluorobiphenyl
 Concen: 87.054 ng
 RT: 14.03 min Scan# 1828
 Delta R.T. -0.00 min
 Lab File: BG032099.D
 Acq: 17 Jan 2018 9:50

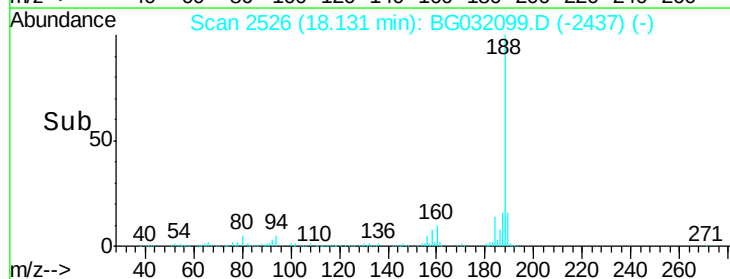
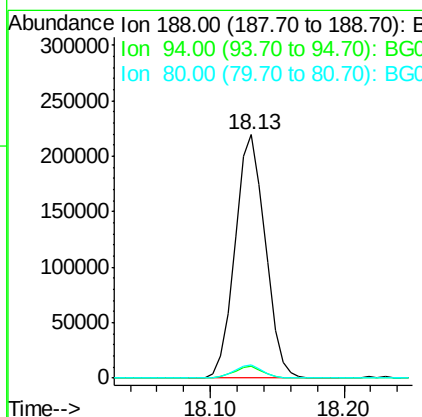
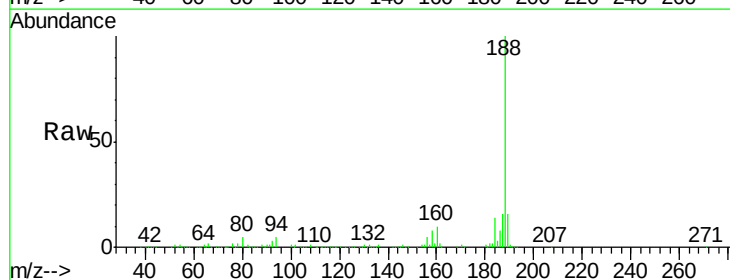
Instrument :
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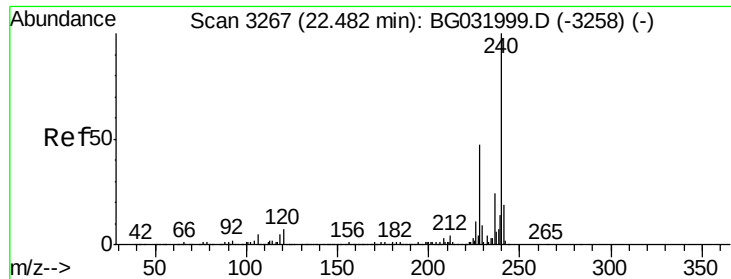
Tgt Ion:172 Resp: 931933
 Ion Ratio Lower Upper
 172 100
 171 37.9 30.0 45.0
 170 23.8 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.13 min Scan# 2526
 Delta R.T. -0.01 min
 Lab File: BG032099.D
 Acq: 17 Jan 2018 9:50

Tgt Ion:188 Resp: 343217
 Ion Ratio Lower Upper
 188 100
 94 5.1 6.9 10.3#
 80 5.3 7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.47 min Scan# 3264

Delta R.T. -0.02 min

Lab File: BG032099.D

Acq: 17 Jan 2018 9:50

Instrument :

BNA_G

ClientSampled :

G-1

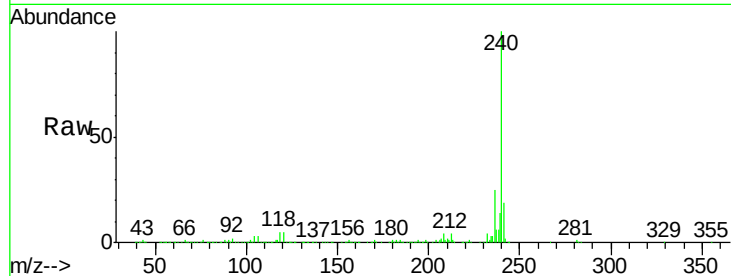
Tgt Ion:240 Resp: 412032

Ion Ratio Lower Upper

240 100

120 4.5 6.8 10.2#

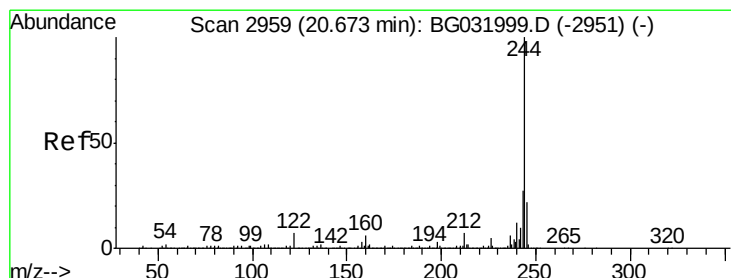
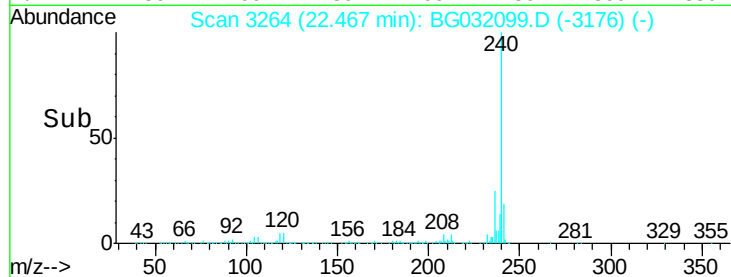
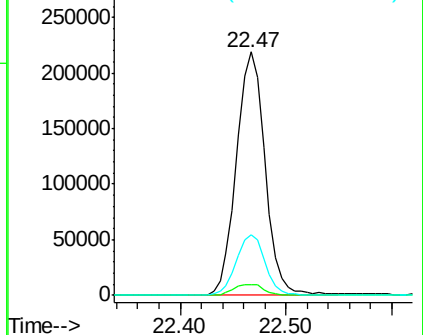
236 25.1 20.9 31.3



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: 91.590 ng

RT: 20.66 min Scan# 2957

Delta R.T. -0.01 min

Lab File: BG032099.D

Acq: 17 Jan 2018 9:50

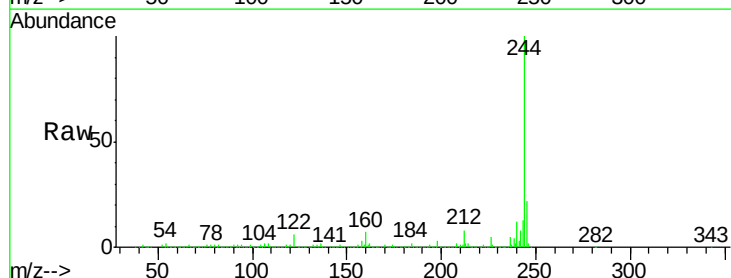
Tgt Ion:244 Resp: 1709113

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.8

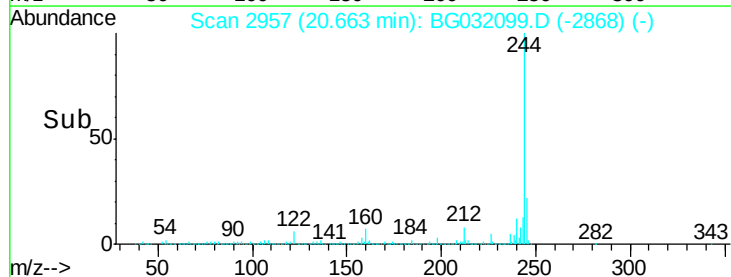
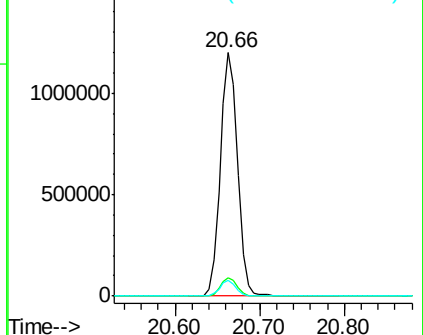
122 6.4 7.0 10.4#

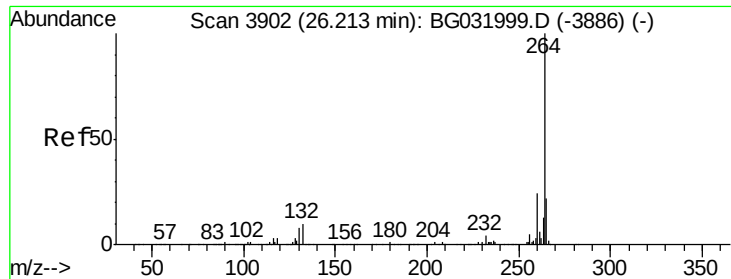


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.19 min Scan# 3897
Delta R.T. -0.03 min
Lab File: BG032099.D
Acq: 17 Jan 2018 9:50

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion: 264 Resp: 420291

Ion	Ratio	Lower	Upper
264	100		
260	24.3	17.4	26.0
265	20.9	17.7	26.5

