

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG012418\
 Data File : BG032259.D
 Acq On : 24 Jan 2018 14:01
 Operator : SJ/JU
 Sample : J1266-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-198

Quant Time: Jan 24 16:13:22 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 24 14:02:41 2018
 Response via : Initial Calibration

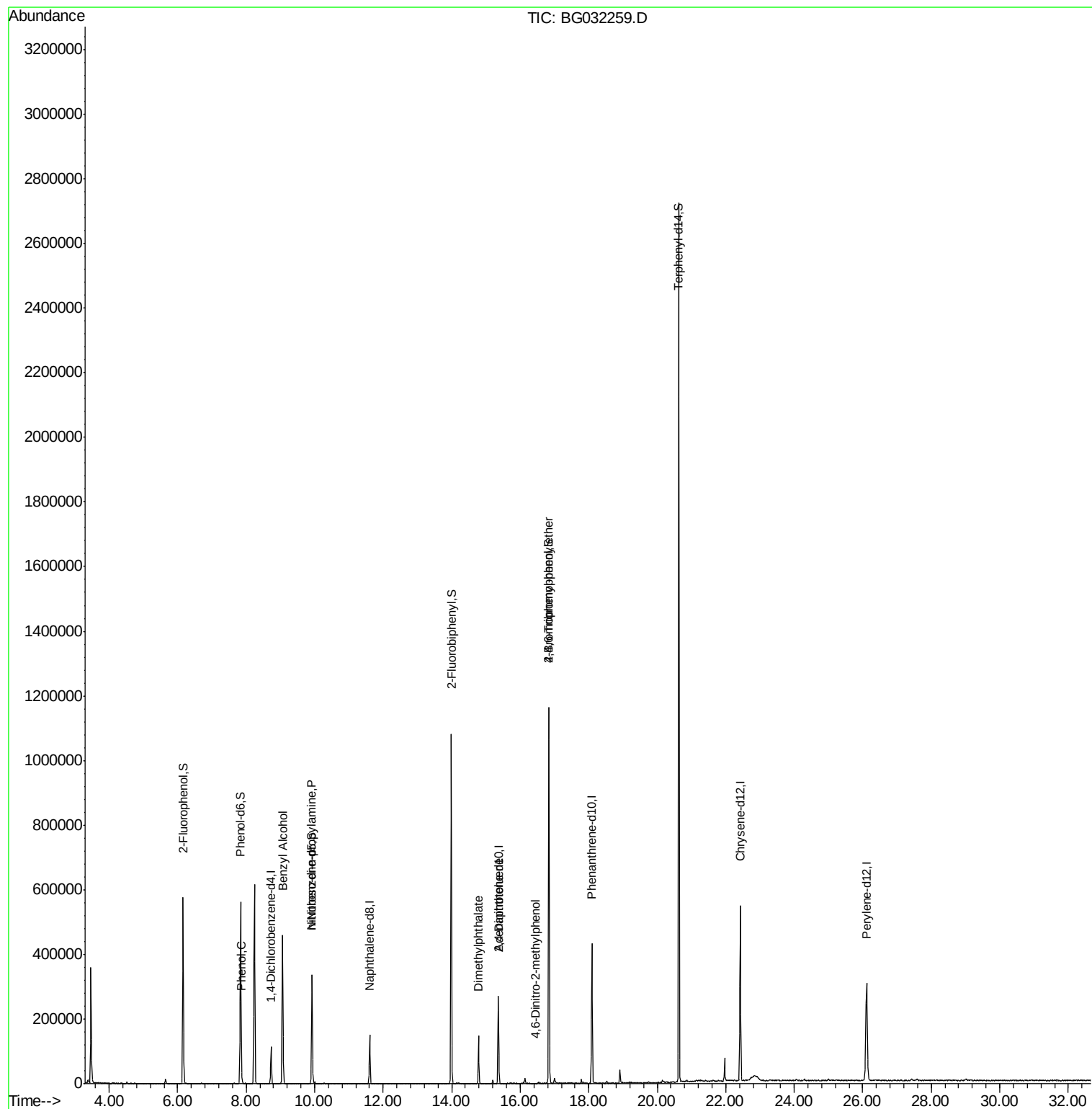
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	37026	20.00	ng	0.00
21) Naphthalene-d8	11.61	136	146095	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	101527	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	291608	20.00	ng	0.00
75) Chrysene-d12	22.42	240	392930	20.00	ng	0.00
86) Perylene-d12	26.11	264	408137	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	281460	139.03	ng	0.00
7) Phenol-d6	7.84	99	346523	135.91	ng	0.00
23) Nitrobenzene-d5	9.92	82	213582	98.91	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	265078	157.78	ng	0.00
44) 2-Fluorobiphenyl	13.99	172	631471	77.12	ng	0.00
78) Terphenyl-d14	20.63	244	1397642	78.54	ng	0.00
Target Compounds						
10) Phenol	7.86	94	9037	3.598	ng	# 79
15) Benzyl Alcohol	9.06	79	4141	2.236	ng	# 46
19) n-Nitroso-di-n-propylamine	9.93	70	29034	18.353	ng	# 76
49) Dimethylphthalate	14.78	163	107872	12.142	ng	# 98
56) 2,4-Dinitrotoluene	15.36	165	12885	5.190	ng	# 16
64) 4,6-Dinitro-2-methylphenol	16.46	198	56	4.911	ng	# 29
66) 4-Bromophenyl-phenylether	16.83	248	21944	5.289	ng	# 1

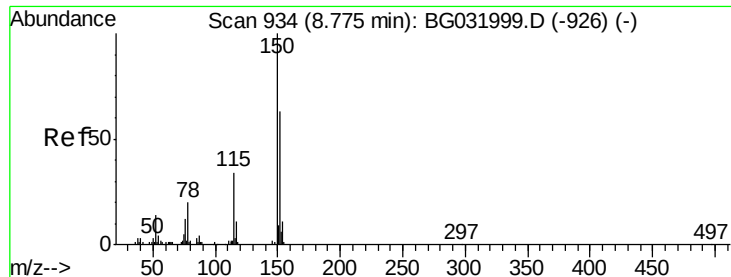
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG012418\
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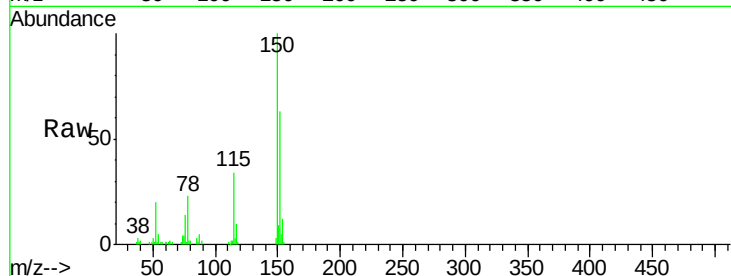


#1

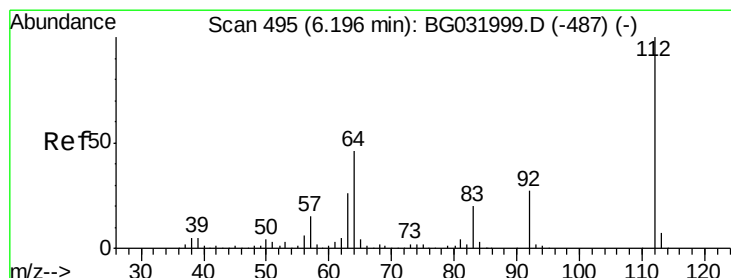
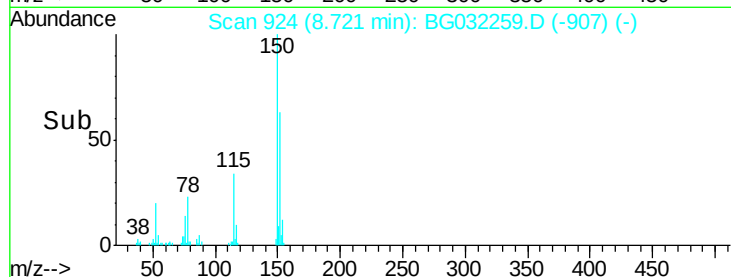
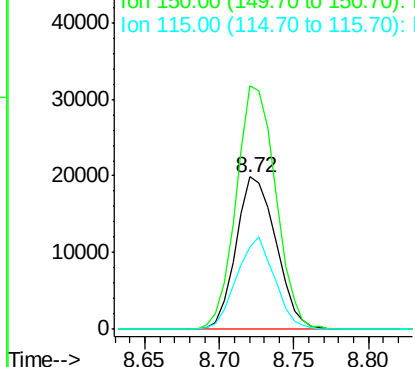
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.72 min Scan# 924
Delta R.T. -0.00 min
Lab File: BG032259.D
Acq: 24 Jan 2018 14:01

Instrument :
BNA_G
ClientSampleId :
MH-198

Tgt Ion:152 Resp: 37026
Ion Ratio Lower Upper
152 100
150 159.7 126.6 189.8
115 54.4 53.0 79.4



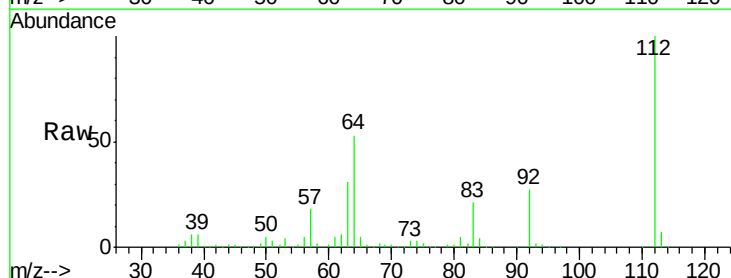
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



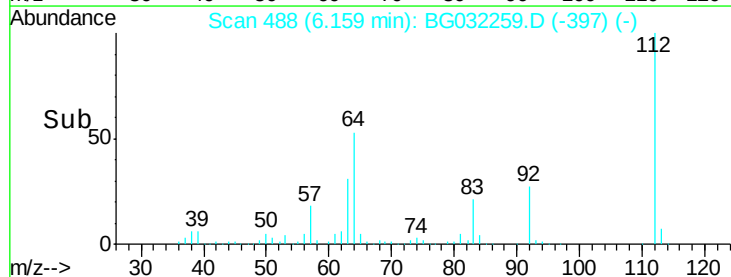
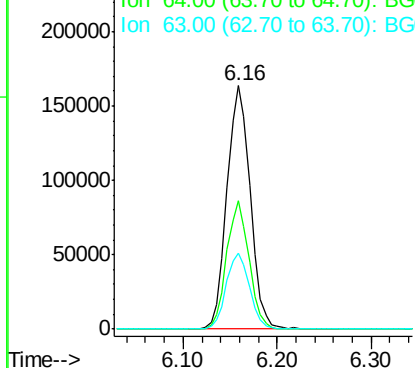
#5

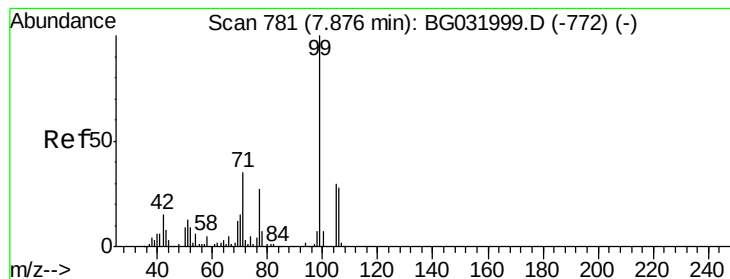
2-Fluorophenol
Concen: 139.030 ng
RT: 6.16 min Scan# 488
Delta R.T. 0.00 min
Lab File: BG032259.D
Acq: 24 Jan 2018 14:01

Tgt Ion:112 Resp: 281460
Ion Ratio Lower Upper
112 100
64 52.9 56.3 84.5#
63 31.0 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: 135.908 ng

RT: 7.84 min Scan# 774

Delta R.T. 0.00 min

Lab File: BG032259.D

Acq: 24 Jan 2018 14:01

Instrument :

BNA_G

ClientSampleId :

MH-198

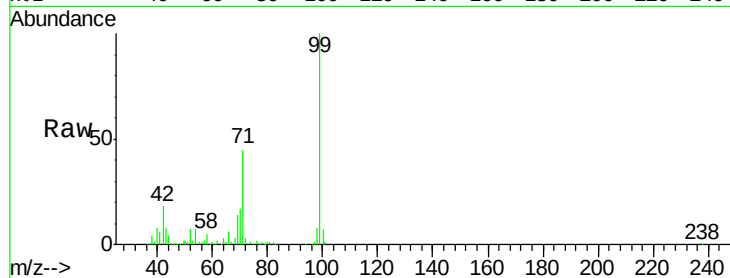
Tgt Ion: 99 Resp: 346523

Ion Ratio Lower Upper

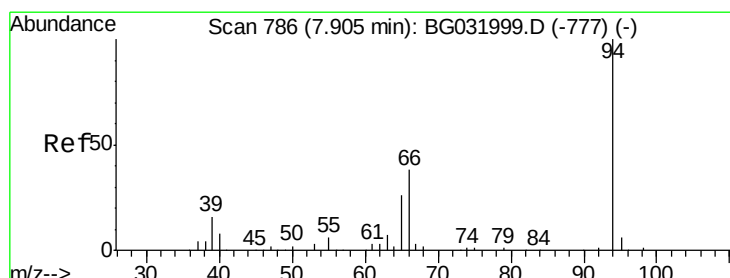
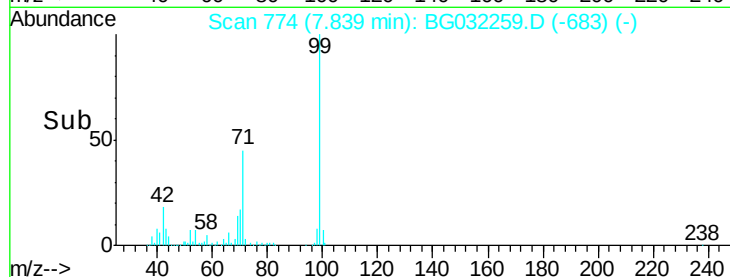
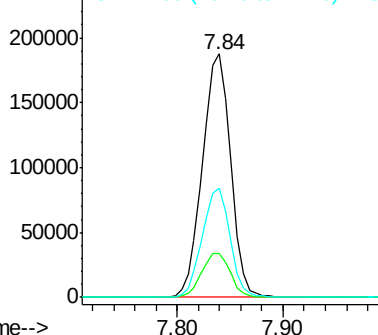
99 100

42 18.2 14.1 21.1

71 44.7 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



#10

Phenol

Concen: 3.598 ng

RT: 7.86 min Scan# 778

Delta R.T. -0.00 min

Lab File: BG032259.D

Acq: 24 Jan 2018 14:01

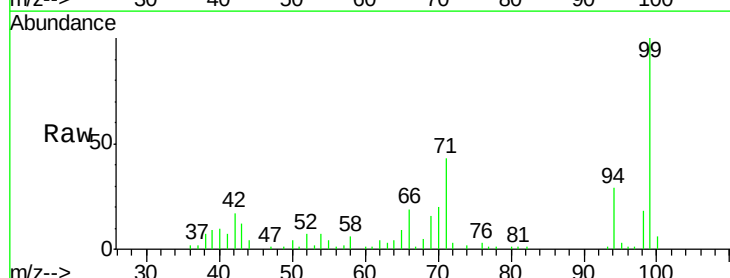
Tgt Ion: 94 Resp: 9037

Ion Ratio Lower Upper

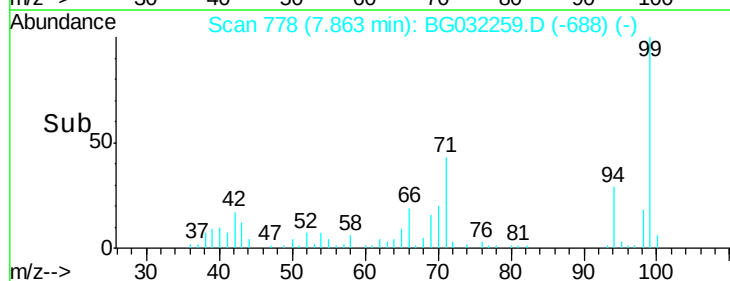
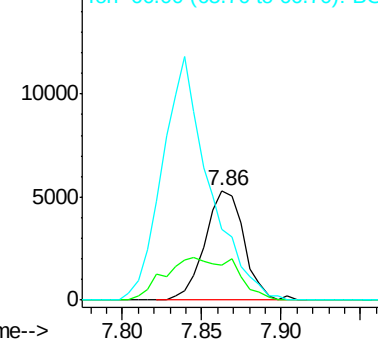
94 100

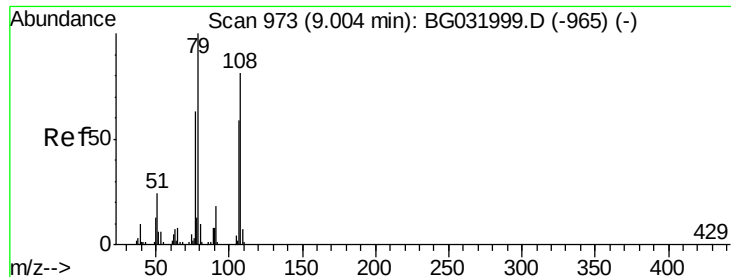
65 32.3 11.9 51.9

66 65.2 22.2 62.2#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#15

Benzyl Alcohol

Concen: 2.236 ng

RT: 9.06 min Scan# 982

Delta R.T. 0.10 min

Lab File: BG032259.D

Acq: 24 Jan 2018 14:01

Instrument :

BNA_G

ClientSampleId :

MH-198

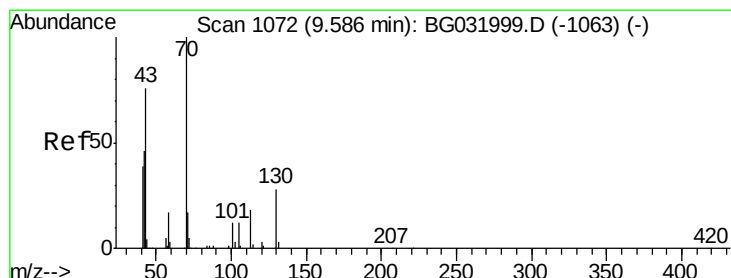
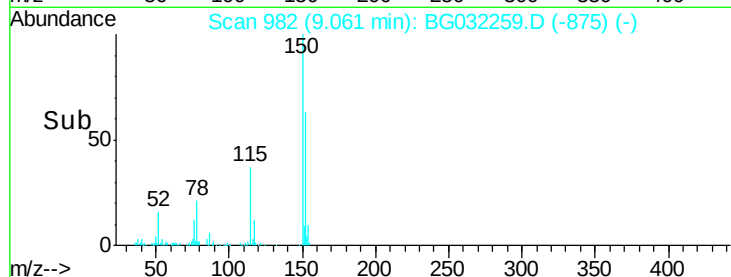
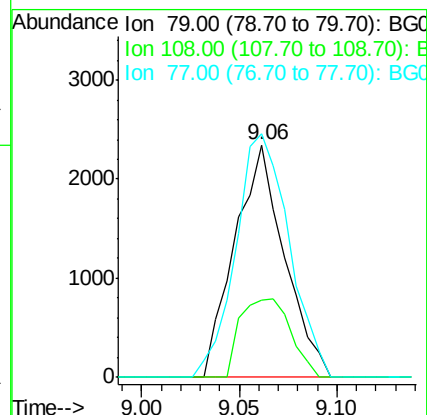
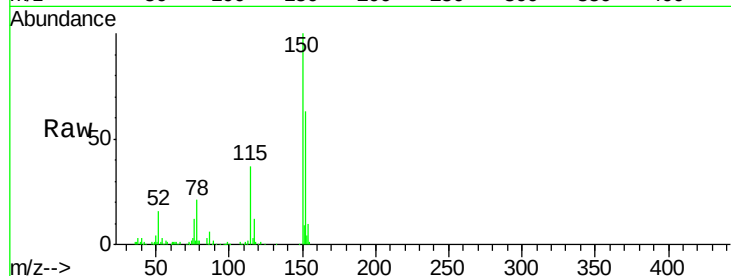
Tgt Ion: 79 Resp: 4141

Ion Ratio Lower Upper

79 100

108 33.2 57.2 85.8#

77 104.6 46.1 69.1#



#19

n-Nitroso-di-n-propylamine

Concen: 18.353 ng

RT: 9.93 min Scan# 1129

Delta R.T. 0.39 min

Lab File: BG032259.D

Acq: 24 Jan 2018 14:01

Tgt Ion: 70 Resp: 29034

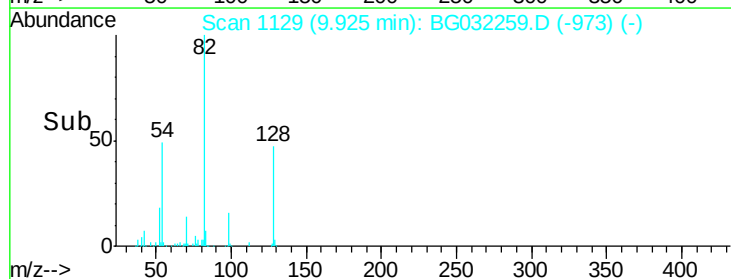
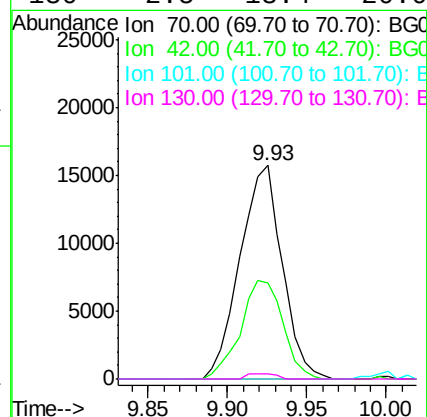
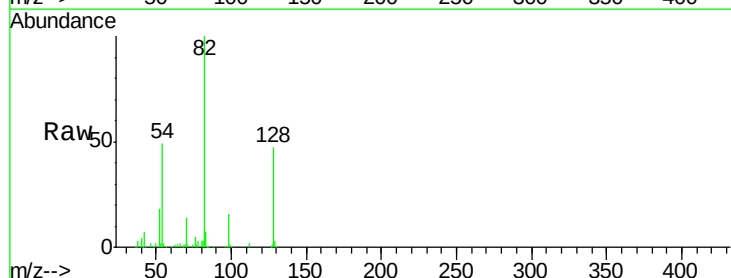
Ion Ratio Lower Upper

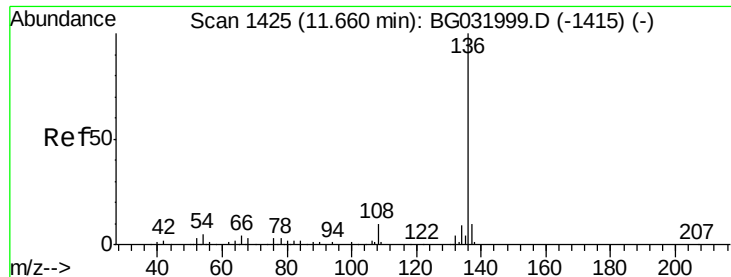
70 100

42 45.1 49.1 73.7#

101 0.0 8.5 12.7#

130 2.5 13.4 20.0#

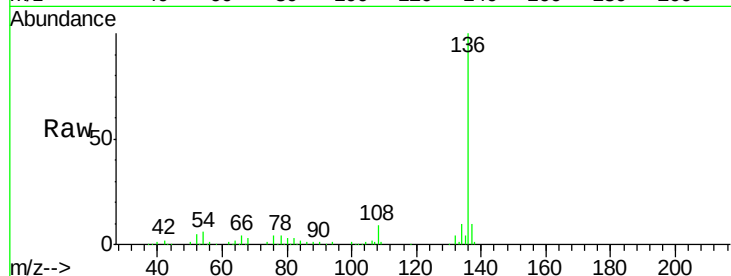




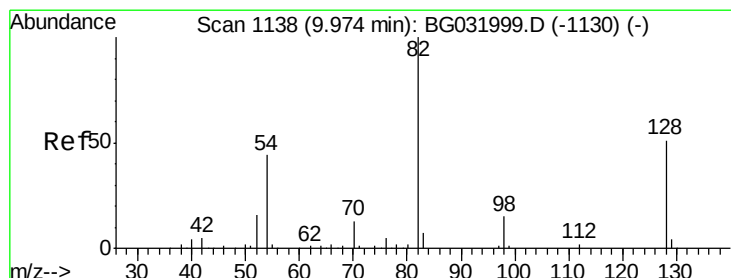
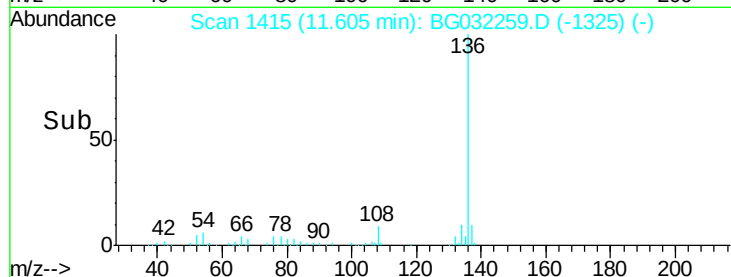
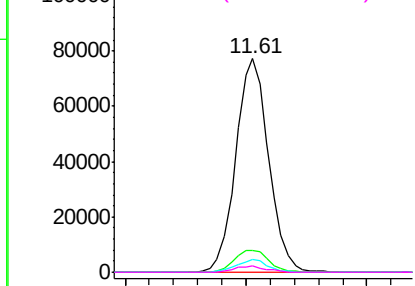
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.61 min Scan# 1415
Delta R.T. -0.00 min
Lab File: BG032259.D
Acq: 24 Jan 2018 14:01

Instrument :
BNA_G
ClientSampleId :
MH-198

Tgt Ion:	136	Resp:	146095
Ion	Ratio	Lower	Upper
136	100		
137	10.1	9.2	13.8
54	5.8	10.3	15.5#
68	2.9	4.5	6.7#

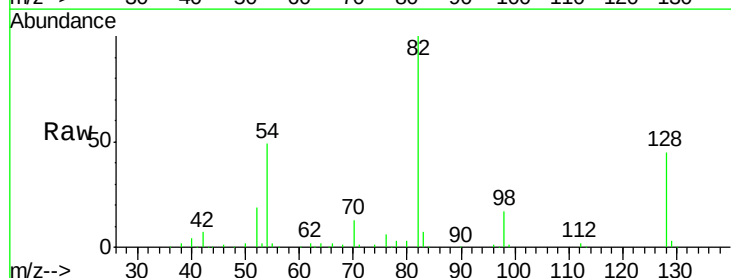


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

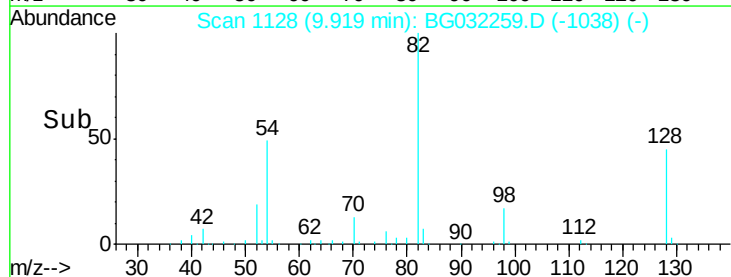
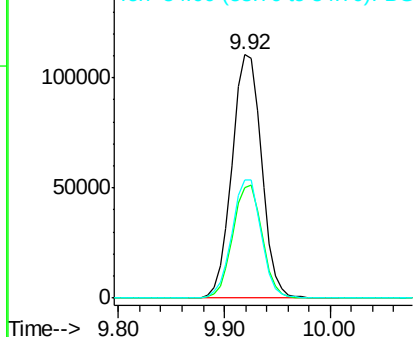


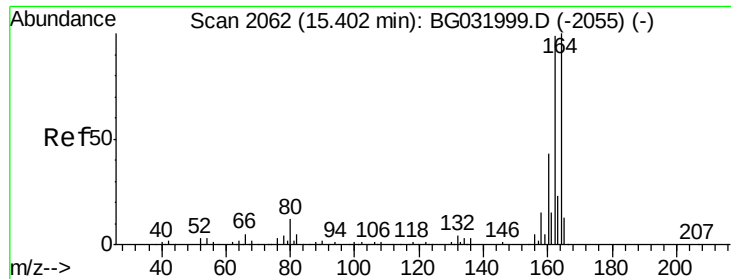
#23
Nitrobenzene-d5
Concen: 98.906 ng
RT: 9.92 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BG032259.D
Acq: 24 Jan 2018 14:01

Tgt Ion:	82	Resp:	213582
Ion	Ratio	Lower	Upper
82	100		
128	45.3	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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.36 min Scan# 2054

Delta R.T. -0.00 min

Lab File: BG032259.D

Acq: 24 Jan 2018 14:01

Instrument :

BNA_G

ClientSampleId :

MH-198

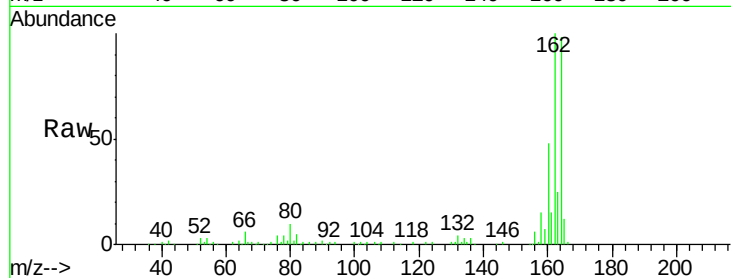
Tgt Ion:164 Resp: 101527

Ion Ratio Lower Upper

164 100

162 101.6 78.8 118.2

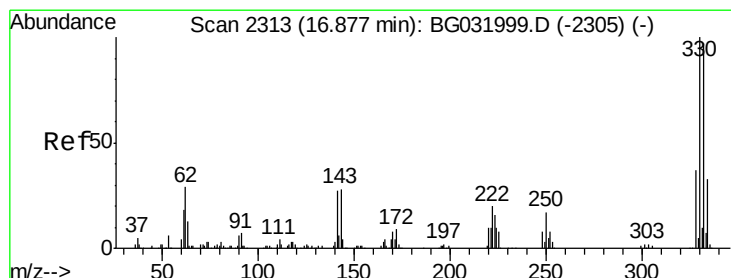
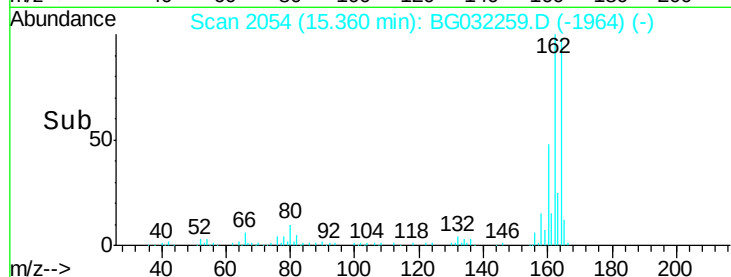
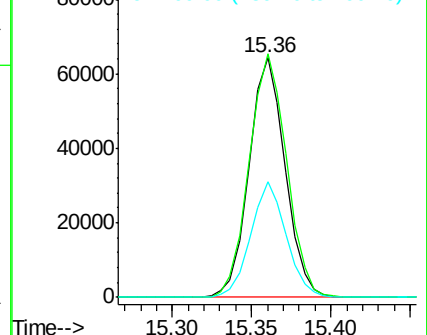
160 48.3 35.4 53.0



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: 157.781 ng

RT: 16.83 min Scan# 2305

Delta R.T. -0.00 min

Lab File: BG032259.D

Acq: 24 Jan 2018 14:01

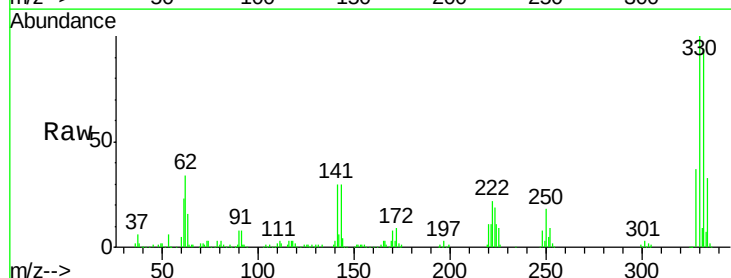
Tgt Ion:330 Resp: 265078

Ion Ratio Lower Upper

330 100

332 94.8 77.0 115.6

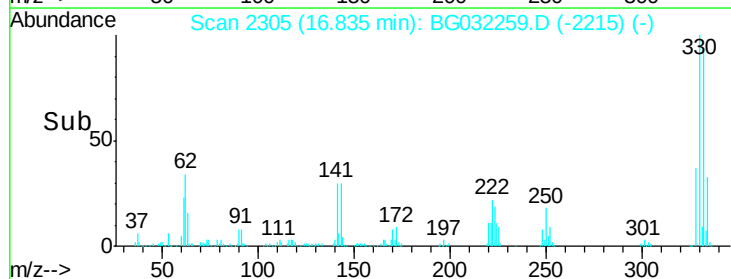
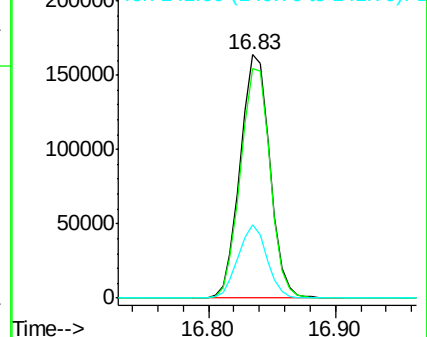
141 29.2 25.2 37.8

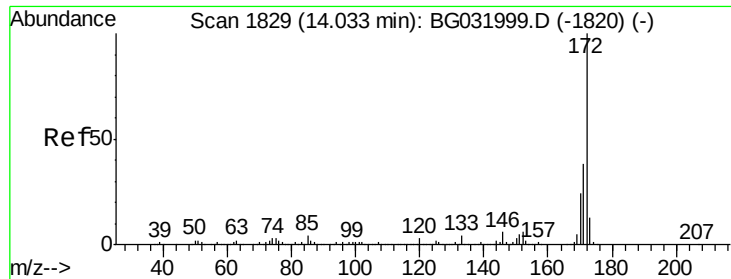


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

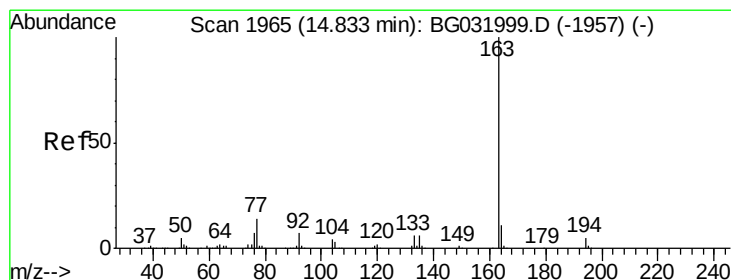
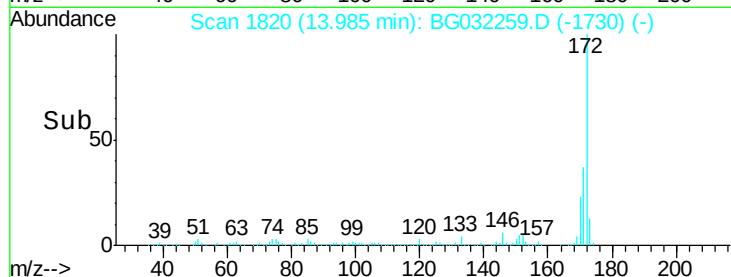
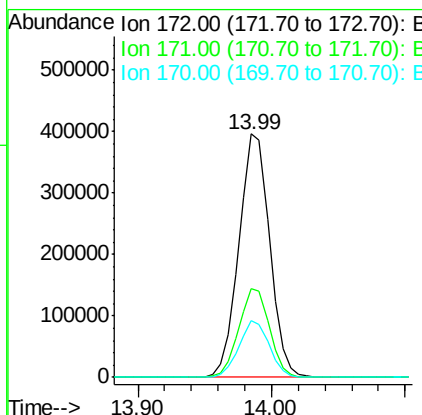
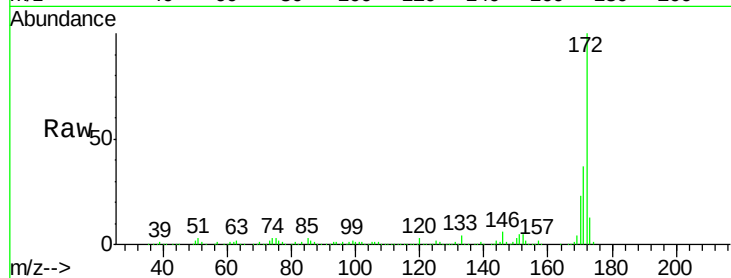




#44
2-Fluorobiphenyl
Concen: 77.122 ng
RT: 13.99 min Scan# 1820
Delta R.T. -0.00 min
Lab File: BG032259.D
Acq: 24 Jan 2018 14:01

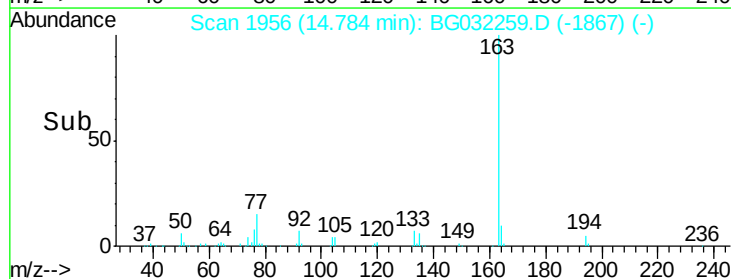
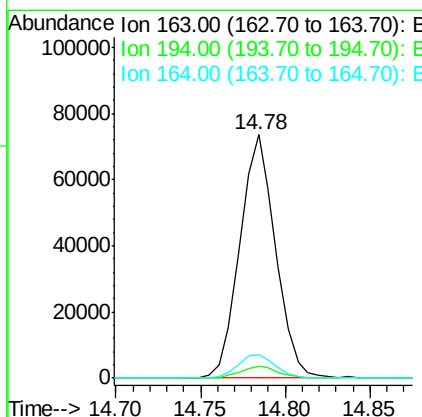
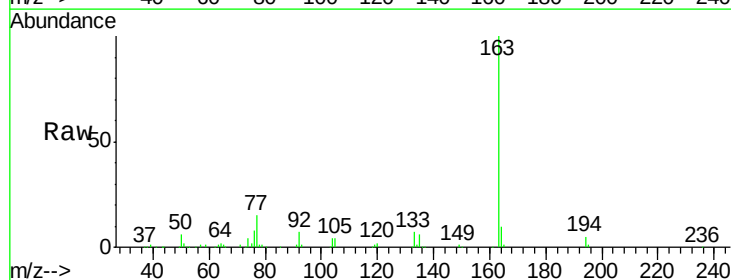
Instrument :
BNA_G
ClientSampleId :
MH-198

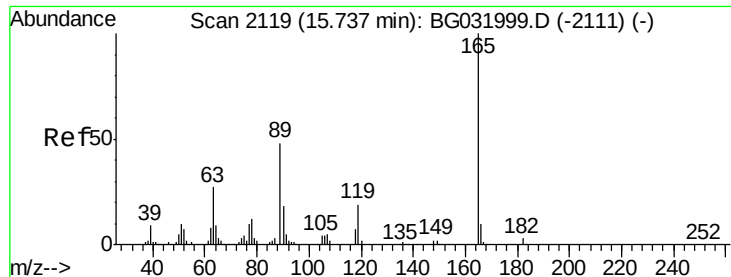
Tgt Ion:172 Resp: 631471
Ion Ratio Lower Upper
172 100
171 36.7 30.0 45.0
170 23.3 19.5 29.3



#49
Dimethylphthalate
Concen: 12.142 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BG032259.D
Acq: 24 Jan 2018 14:01

Tgt Ion:163 Resp: 107872
Ion Ratio Lower Upper
163 100
194 4.9 3.4 5.2
164 9.8 8.2 12.4





#56

2,4-Dinitrotoluene

Concen: 5.190 ng

RT: 15.36 min Scan# 2054

Delta R.T. -0.34 min

Lab File: BG032259.D

Acq: 24 Jan 2018 14:01

Instrument :

BNA_G

ClientSampleId :

MH-198

Tgt Ion:165 Resp: 12885

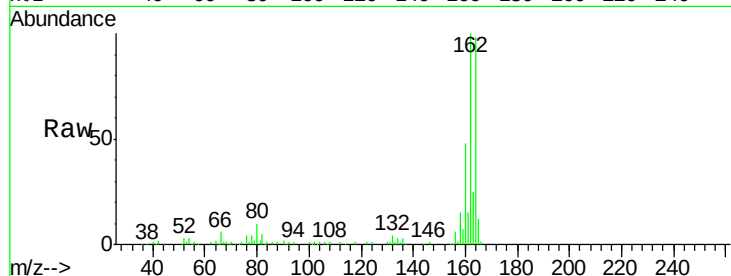
Ion Ratio Lower Upper

165 100

63 0.0 42.0 63.0#

89 0.0 66.9 100.3#

182 0.0 2.6 3.8#

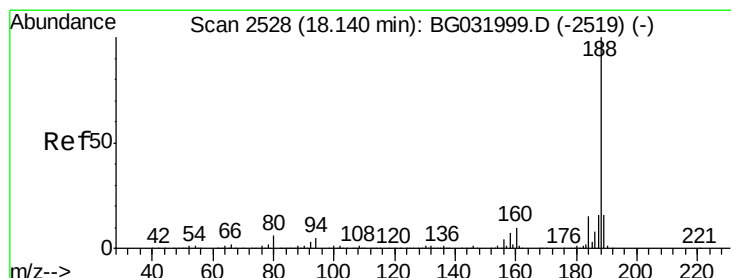
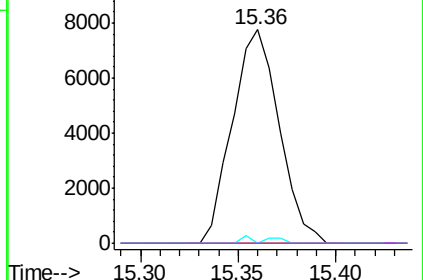
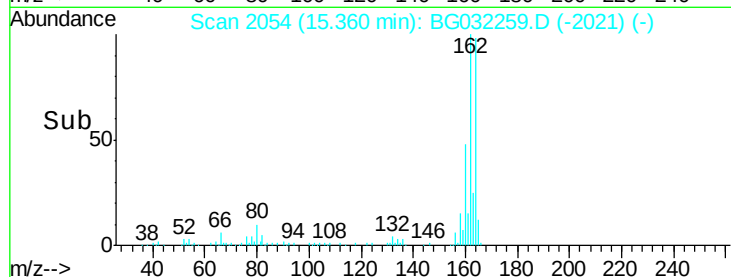


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.09 min Scan# 2519

Delta R.T. -0.00 min

Lab File: BG032259.D

Acq: 24 Jan 2018 14:01

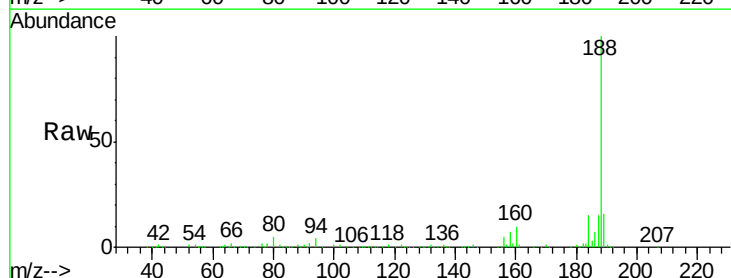
Tgt Ion:188 Resp: 291608

Ion Ratio Lower Upper

188 100

94 4.3 6.9 10.3#

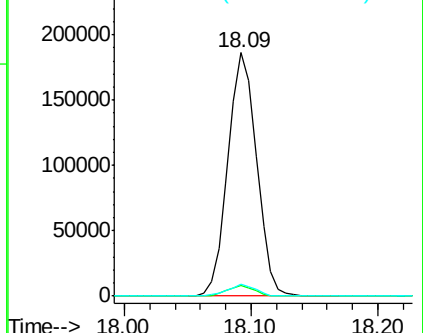
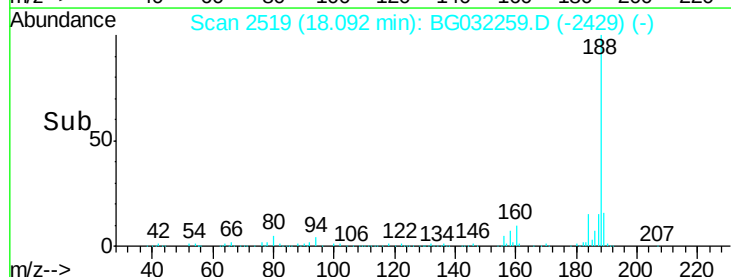
80 4.8 7.7 11.5#

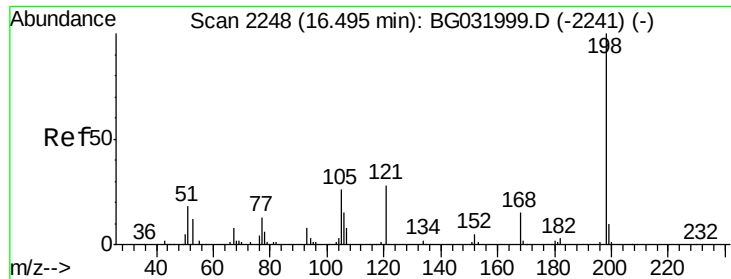


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

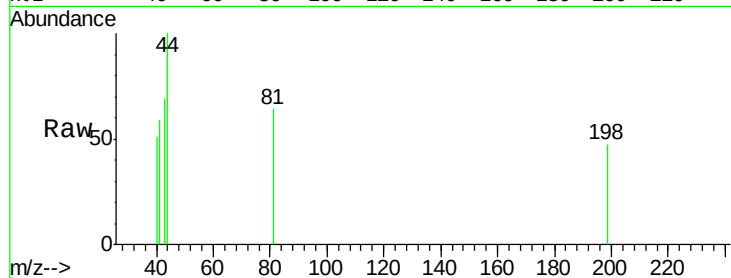




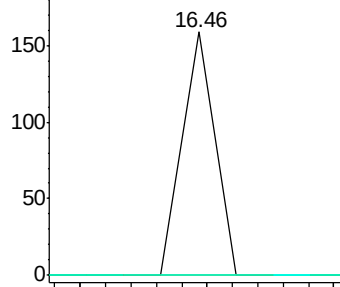
#64
 4,6-Dinitro-2-methylphenol
 Concen: 4.911 ng
 RT: 16.46 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: BG032259.D
 Acq: 24 Jan 2018 14:01

Instrument :
 BNA_G
 ClientSampleId :
 MH-198

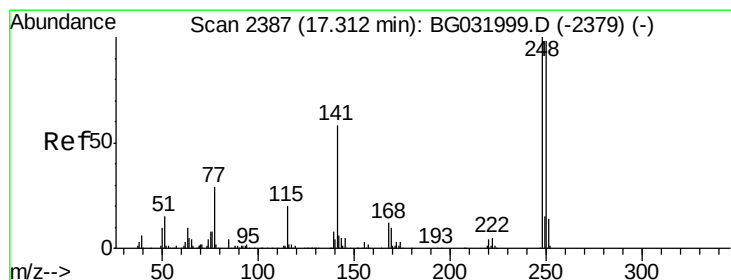
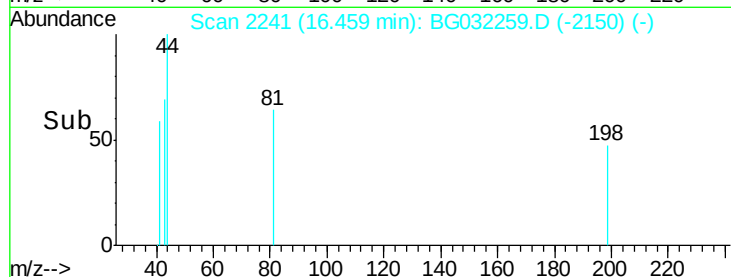
Tgt Ion:198 Resp: 56
 Ion Ratio Lower Upper
 198 100
 51 0.0 30.6 70.6#
 105 0.0 23.8 63.8#



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BGC
 Ion 105.00 (104.70 to 105.70): E

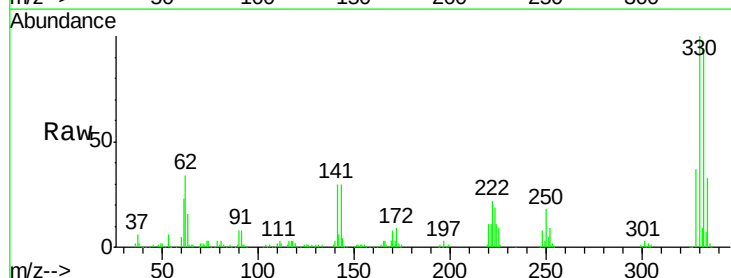


Time-->

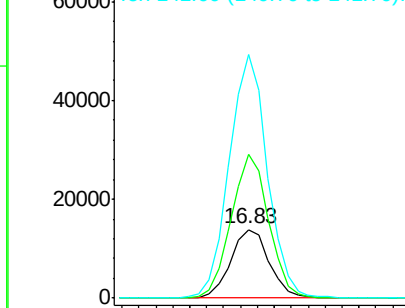


#66
 4-Bromophenyl-phenylether
 Concen: 5.289 ng
 RT: 16.83 min Scan# 2305
 Delta R.T. -0.43 min
 Lab File: BG032259.D
 Acq: 24 Jan 2018 14:01

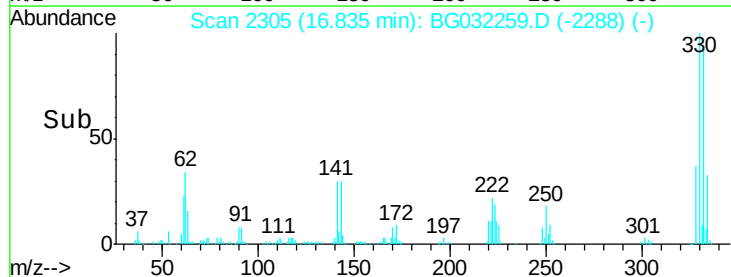
Tgt Ion:248 Resp: 21944
 Ion Ratio Lower Upper
 248 100
 250 209.1 77.1 115.7#
 141 354.1 50.8 76.2#

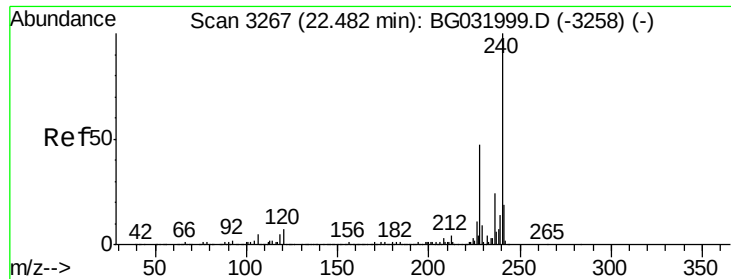


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E



Time-->





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.42 min Scan# 3256

Delta R.T. -0.00 min

Lab File: BG032259.D

Acq: 24 Jan 2018 14:01

Instrument :

BNA_G

ClientSampleId :

MH-198

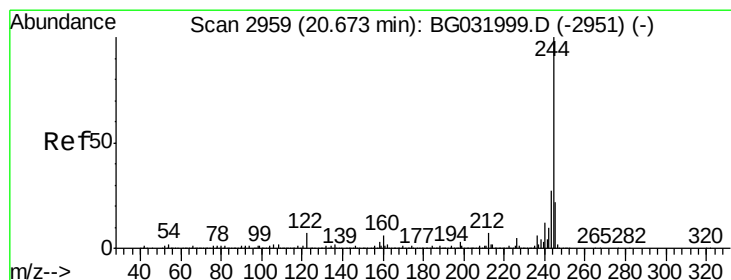
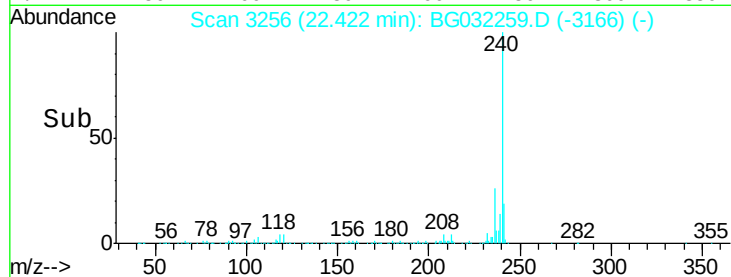
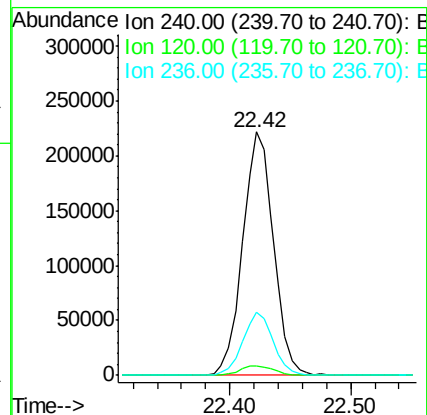
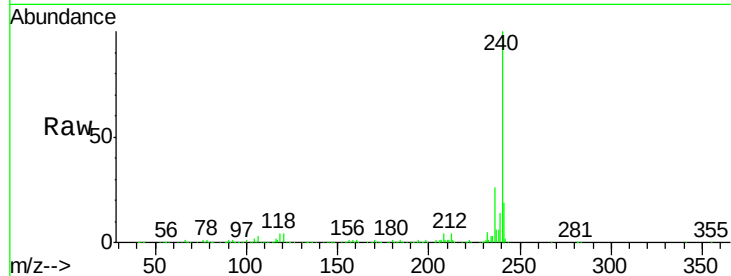
Tgt Ion:240 Resp: 392930

Ion Ratio Lower Upper

240 100

120 4.1 6.8 10.2#

236 25.7 20.9 31.3



#78

Terphenyl-d14

Concen: 78.540 ng

RT: 20.63 min Scan# 2951

Delta R.T. -0.00 min

Lab File: BG032259.D

Acq: 24 Jan 2018 14:01

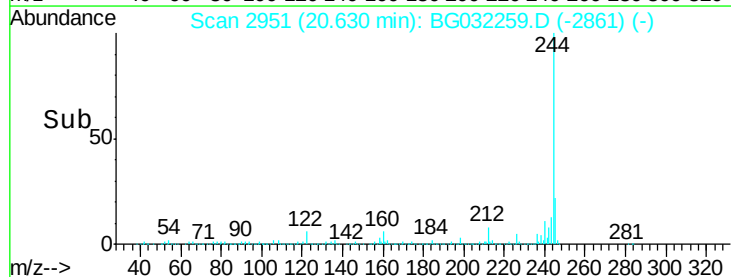
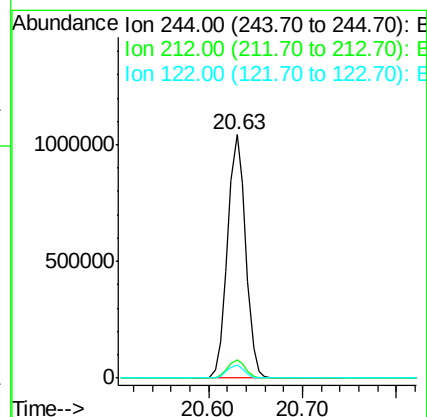
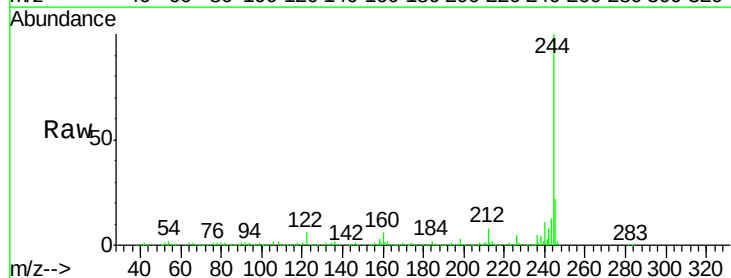
Tgt Ion:244 Resp: 1397642

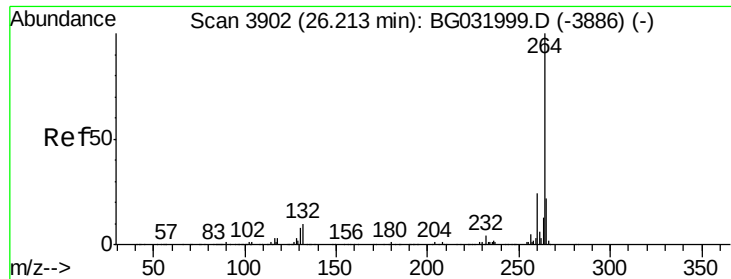
Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

122 5.5 7.0 10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.11 min Scan# 3884
Delta R.T. 0.00 min
Lab File: BG032259.D
Acq: 24 Jan 2018 14:01

Instrument :
BNA_G
ClientSampleId :
MH-198

Tgt Ion: 264 Resp: 408137
Ion Ratio Lower Upper
264 100
260 23.6 17.4 26.0
265 22.2 17.7 26.5

