

Data Path : U:\HPCHEM1\BNA G\DATA\BG011518\
 Data File : BG032057.D
 Acq On : 16 Jan 2018 7:20
 Operator : SJ/JU
 Sample : J1113-15
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 16 09:33:34 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

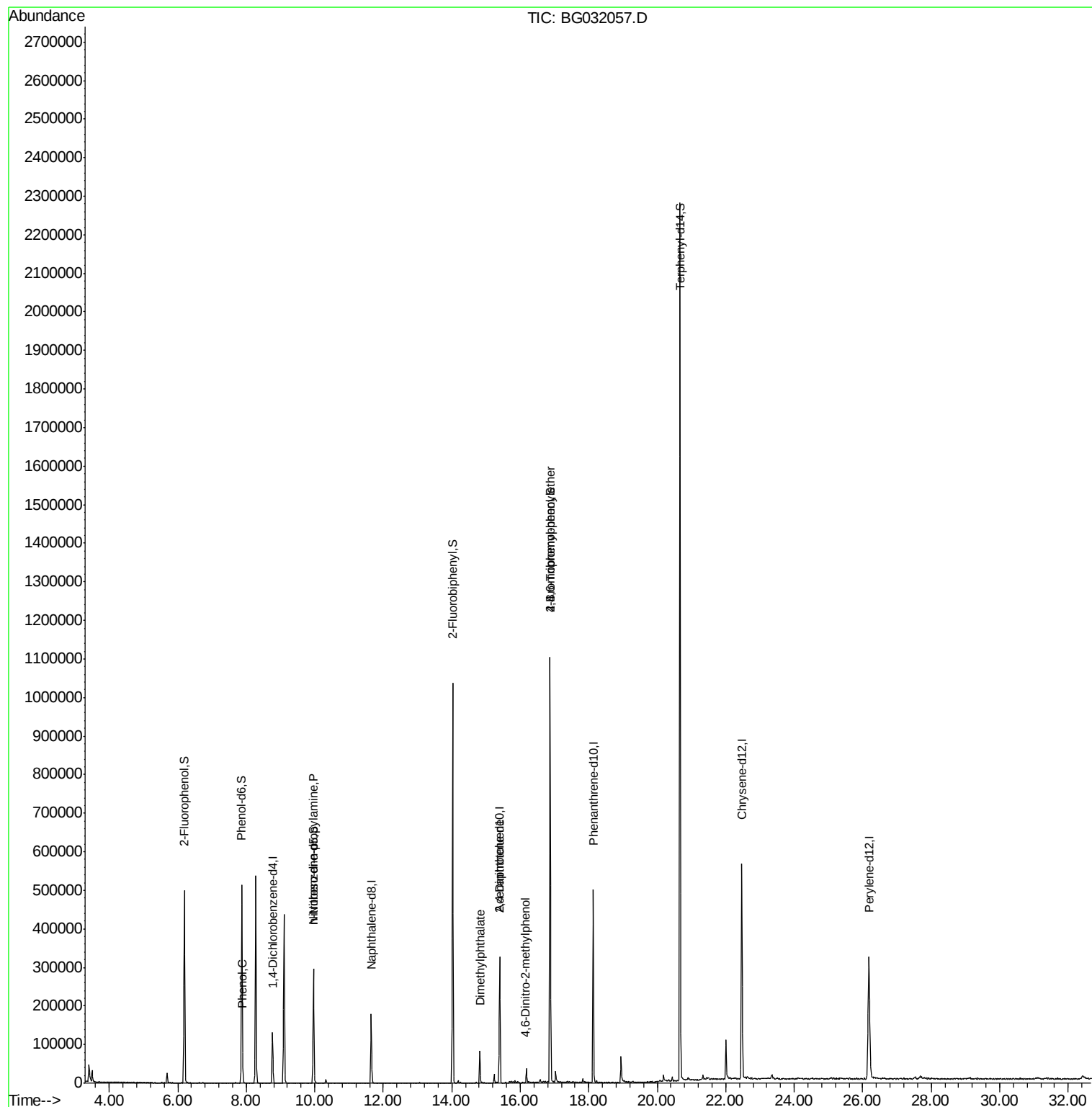
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.77	152	44052	20.00	ng	0.00
21) Naphthalene-d8	11.65	136	175581	20.00	ng	-0.01
38) Acenaphthene-d10	15.40	164	127630	20.00	ng	0.00
63) Phenanthrene-d10	18.13	188	349038	20.00	ng	-0.01
75) Chrysene-d12	22.47	240	435171	20.00	ng	-0.02
86) Perylene-d12	26.18	264	457577	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.19	112	262631	109.04	ng	0.00
7) Phenol-d6	7.87	99	328511	108.29	ng	0.00
23) Nitrobenzene-d5	9.96	82	190386	73.36	ng	-0.01
41) 2,4,6-Tribromophenol	16.87	330	240972	114.10	ng	0.00
44) 2-Fluorobiphenyl	14.03	172	635351	61.73	ng	0.00
78) Terphenyl-d14	20.66	244	1274949	64.69	ng	-0.01
Target Compounds						
10) Phenol	7.90	94	9401	3.146	ng	91
19) n-Nitroso-di-n-propylamine	9.96	70	26195	13.918	ng	# 73
49) Dimethylphthalate	14.82	163	65316	5.848	ng	# 98
56) 2,4-Dinitrotoluene	15.40	165	15973	5.118	ng	# 18
64) 4,6-Dinitro-2-methylphenol	16.15	198	69	4.912	ng	# 29
66) 4-Bromophenyl-phenylether	16.87	248	20180	4.063	ng	# 1

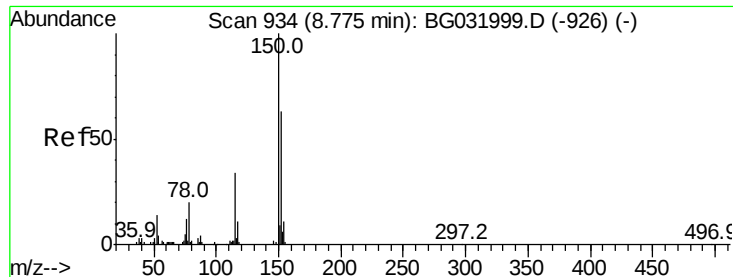
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : U:\HPCHEM1\BNA G\DATA\BG011518\
Data File : BG032057.D
Acq On : 16 Jan 2018 7:20
Operator : SJ/JU
Sample : J1113-15
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jan 16 09:33:34 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.77 min Scan# 933

Delta R.T. -0.01 min

Lab File: BG032057.D

Acq: 16 Jan 2018 7:20

Instrument :

BNA_G

ClientSampleId :

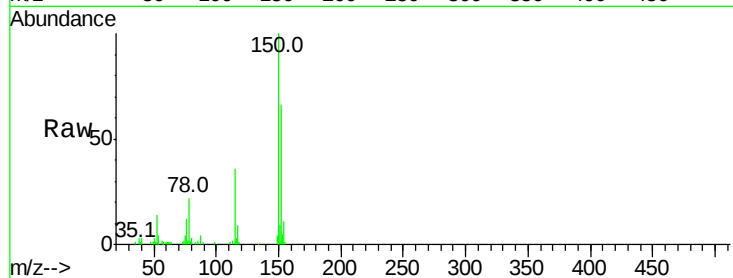
Tot Ion:152 Resp: 44052

Ion Ratio Lower Upper

152 100

150 151.6 126.6 189.8

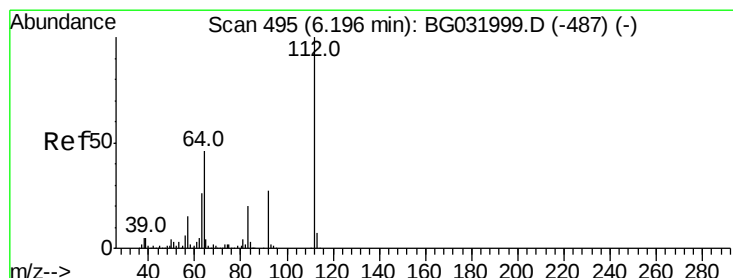
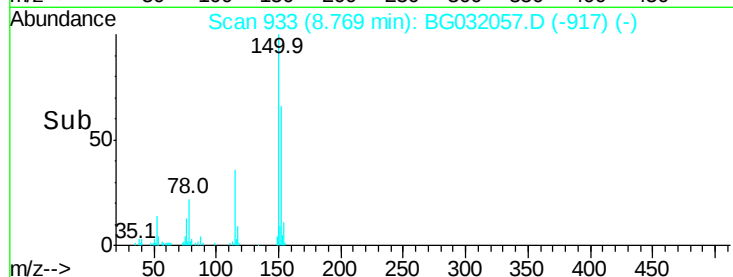
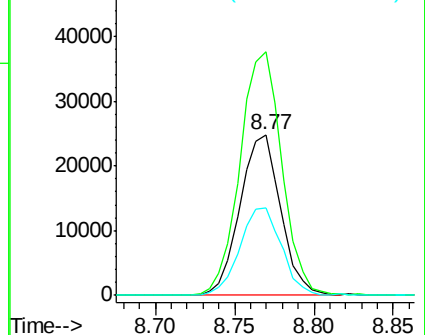
115 54.6 53.0 79.4



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: 109.038 ng

RT: 6.19 min Scan# 494

Delta R.T. -0.01 min

Lab File: BG032057.D

Acq: 16 Jan 2018 7:20

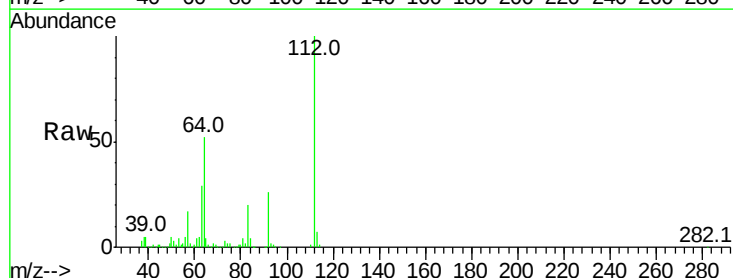
Tgt Ion:112 Resp: 262631

Ion Ratio Lower Upper

112 100

64 51.9 56.3 84.5#

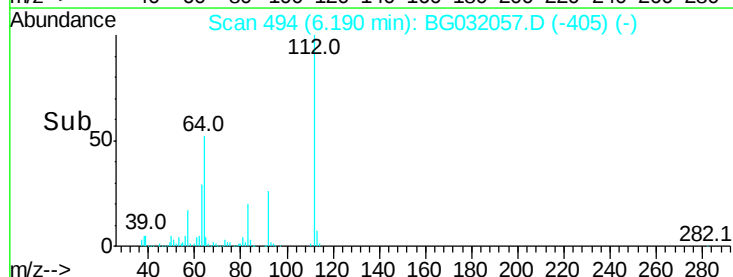
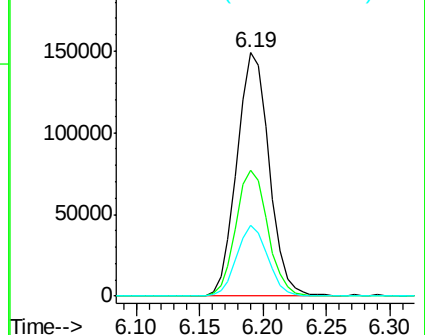
63 29.0 30.1 45.1#

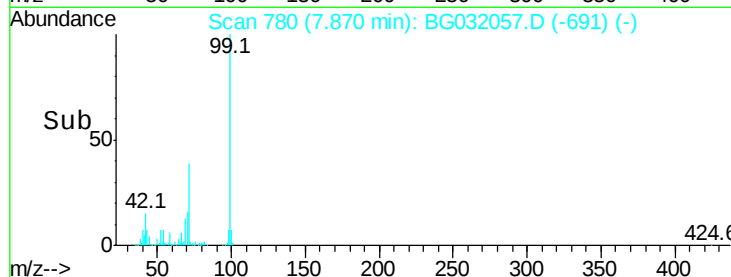
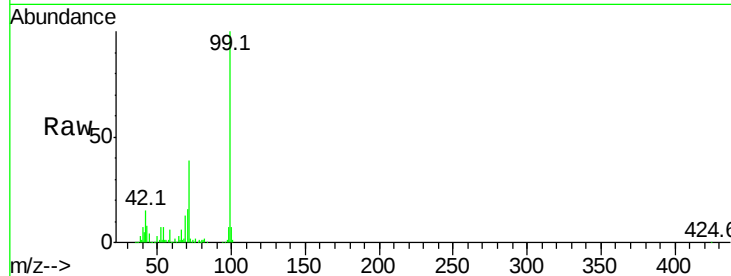
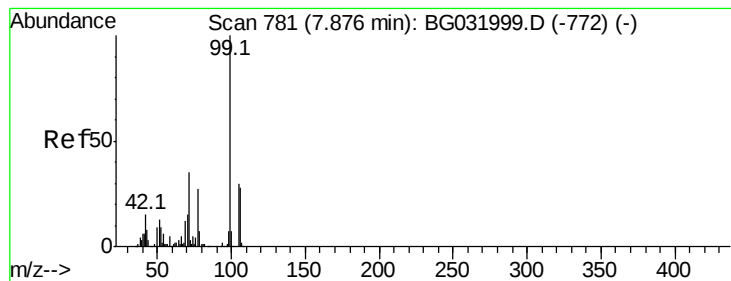


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 108.294 ng

RT: 7.87 min Scan# 780

Delta R.T. -0.01 min

Lab File: BG032057.D

Acq: 16 Jan 2018 7:20

Instrument :

BNA_G

ClientSampled :

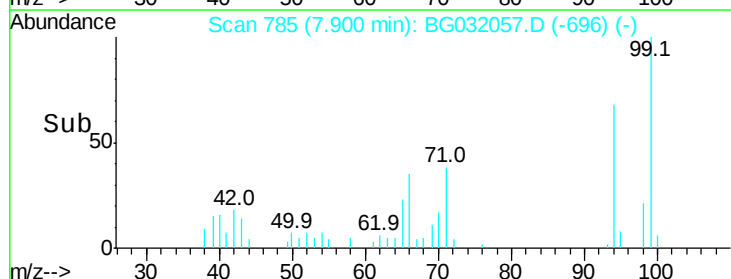
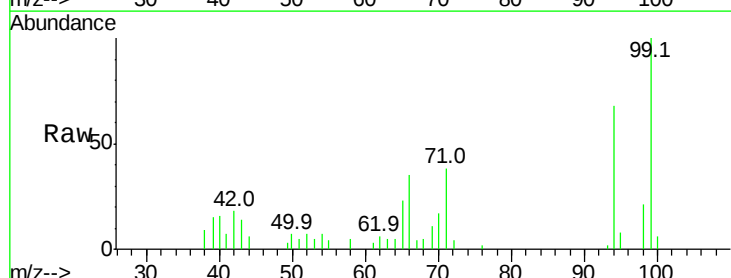
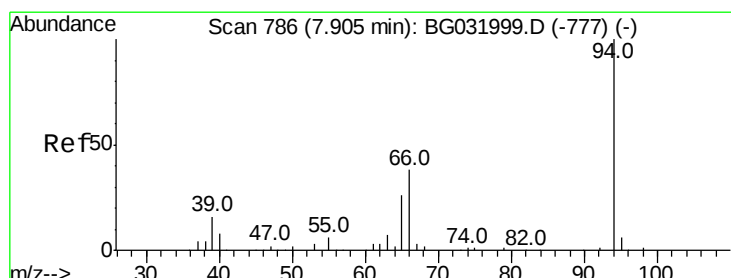
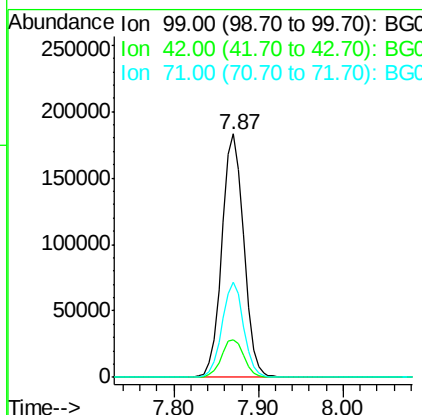
Tot Ion: 99 Resp: 328511

Ion Ratio Lower Upper

99 100

42 15.4 14.1 21.1

71 39.2 26.1 39.1#



#10

Phenol

Concen: 3.146 ng

RT: 7.90 min Scan# 785

Delta R.T. -0.01 min

Lab File: BG032057.D

Acq: 16 Jan 2018 7:20

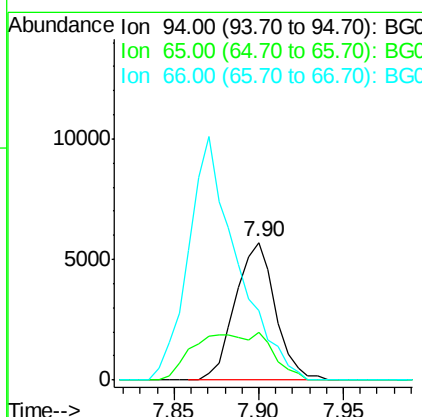
Tgt Ion: 94 Resp: 9401

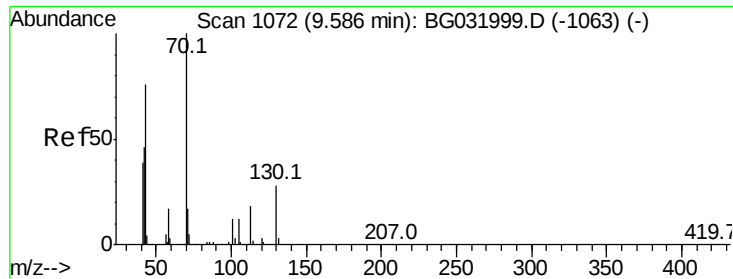
Ion Ratio Lower Upper

94 100

65 34.3 11.9 51.9

66 50.7 22.2 62.2

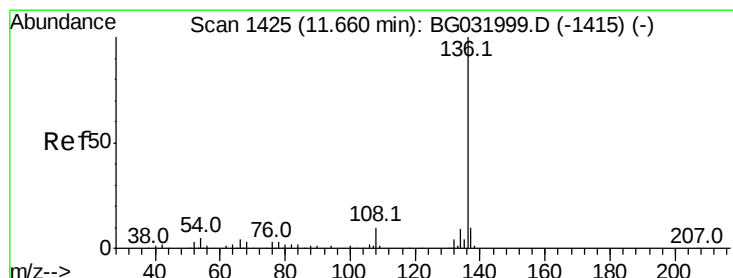
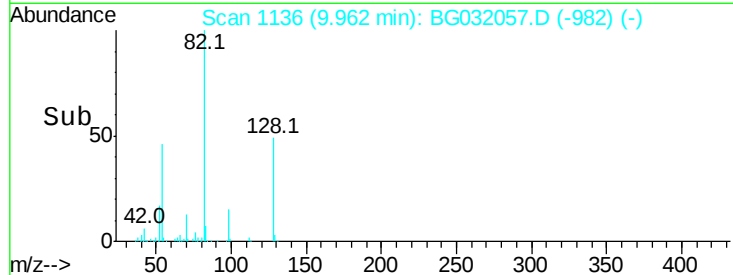
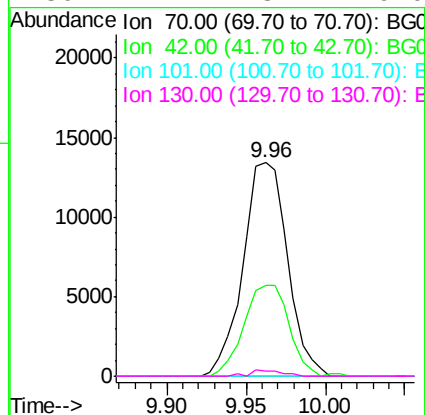
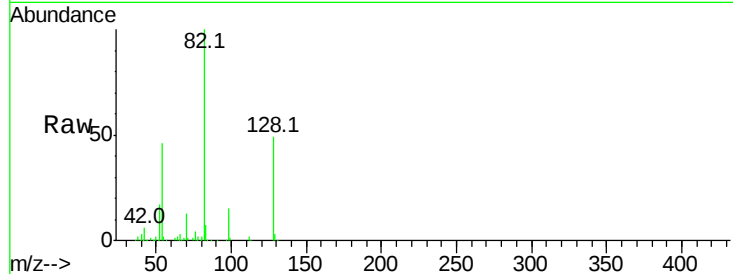




#19
n-Nitroso-di-n-propylamine
Concen: 13.918 ng
RT: 9.96 min Scan# 1136
Delta R.T. 0.38 min
Lab File: BG032057.D
Acq: 16 Jan 2018 7:20

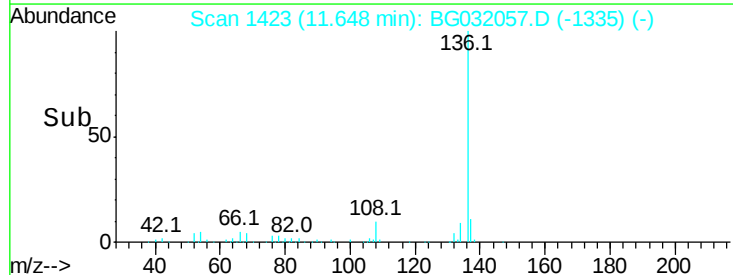
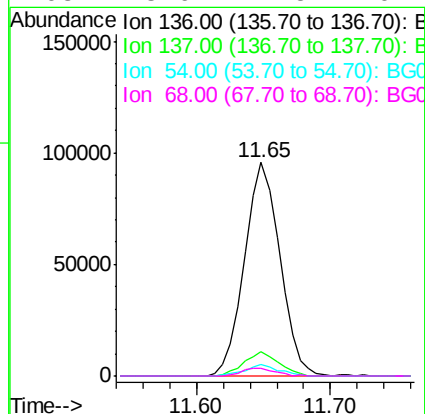
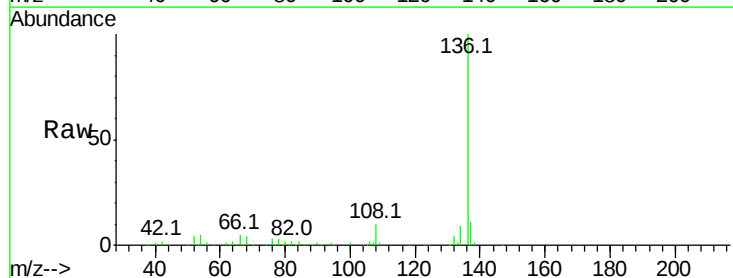
Instrument :
BNA_G
ClientSampleId :

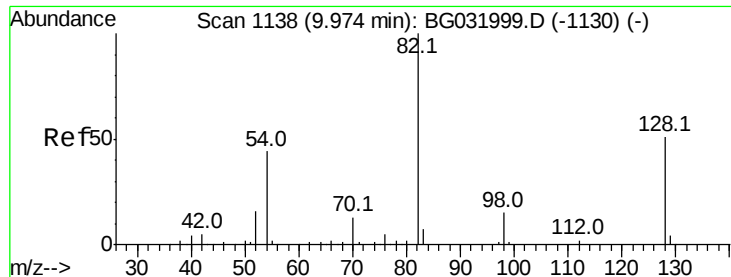
Tot Ion:	70	Resp:	26195
Ion Ratio	Lower	Upper	
70	100		
42	42.6	49.1	73.7#
101	0.0	8.5	12.7#
130	2.4	13.4	20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.65 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BG032057.D
Acq: 16 Jan 2018 7:20

Tgt Ion:	136	Resp:	175581
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.2	13.8
54	5.4	10.3	15.5#
68	3.6	4.5	6.7#

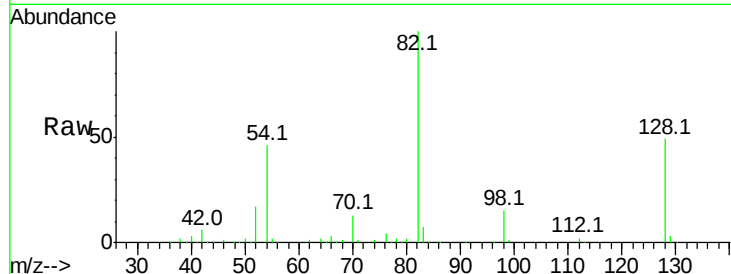




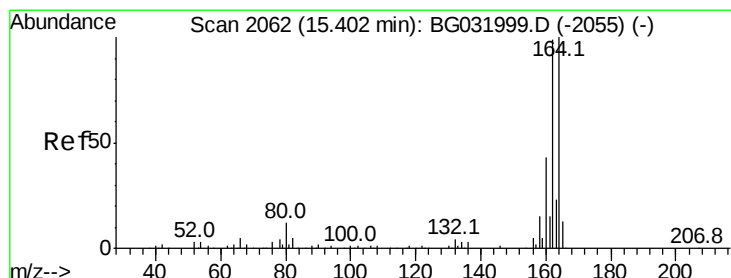
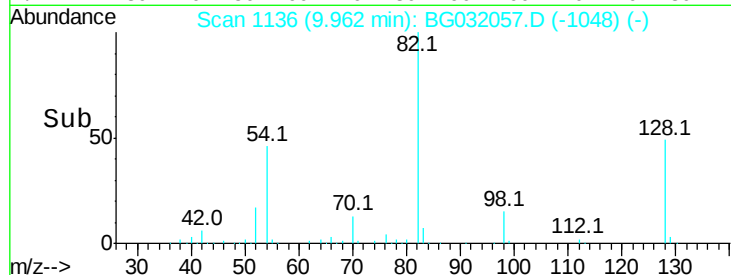
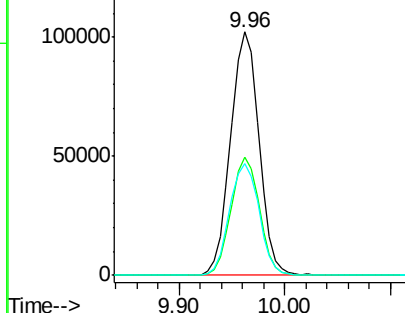
#23
 Nitrobenzene-d5
 Concen: 73.359 ng
 RT: 9.96 min Scan# 1136
 Delta R.T. -0.01 min
 Lab File: BG032057.D
 Acq: 16 Jan 2018 7:20

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 82 Resp: 190386
 Ion Ratio Lower Upper
 82 100
 128 48.7 29.7 44.5#
 54 45.9 43.1 64.7

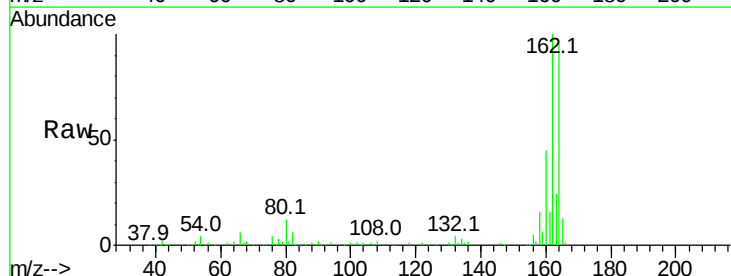


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

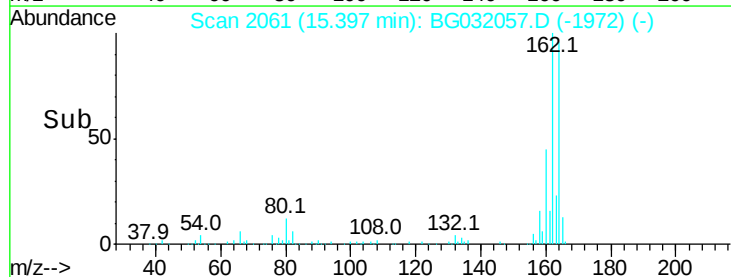
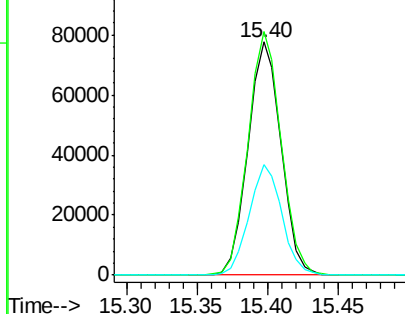


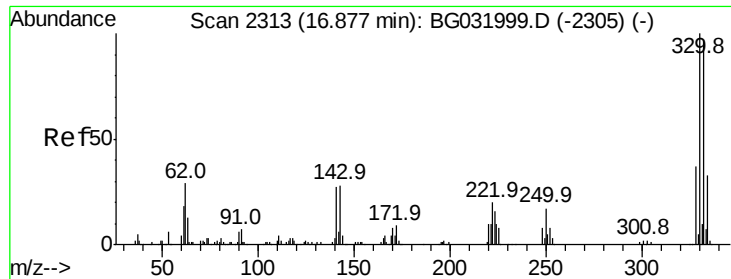
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.40 min Scan# 2061
 Delta R.T. -0.01 min
 Lab File: BG032057.D
 Acq: 16 Jan 2018 7:20

Tgt Ion:164 Resp: 127630
 Ion Ratio Lower Upper
 164 100
 162 104.5 78.8 118.2
 160 47.4 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

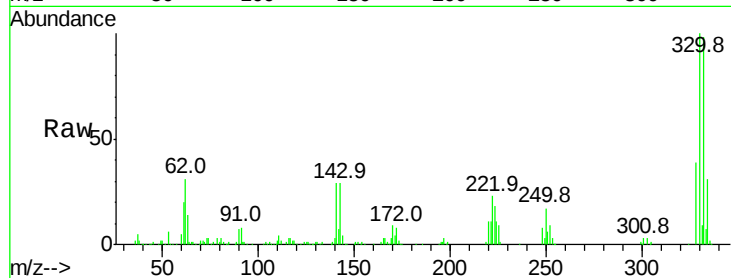




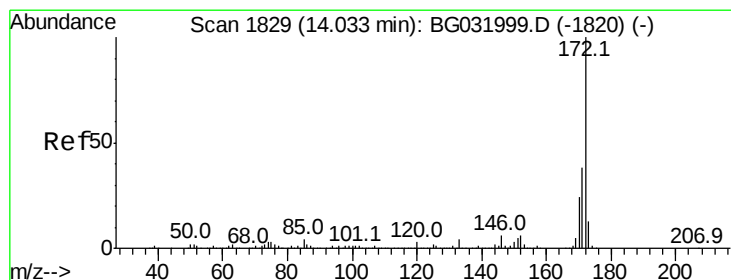
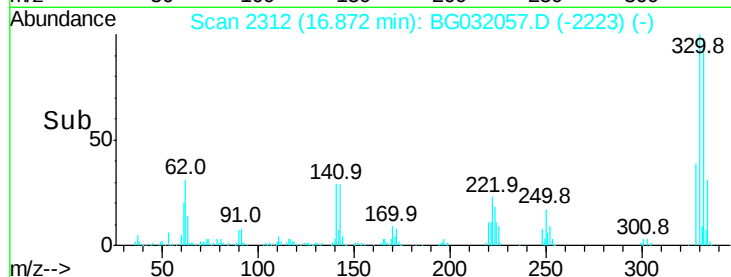
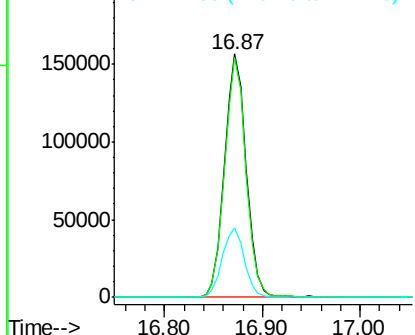
#41
 2,4,6-Tribromophenol
 Concen: 114.098 ng
 RT: 16.87 min Scan# 2312
 Delta R.T. -0.01 min
 Lab File: BG032057.D
 Acq: 16 Jan 2018 7:20

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	29.2	25.2	37.8

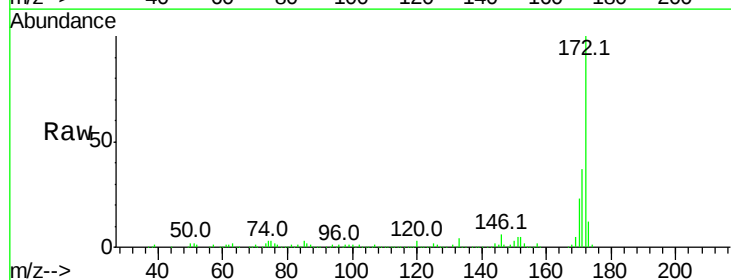


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

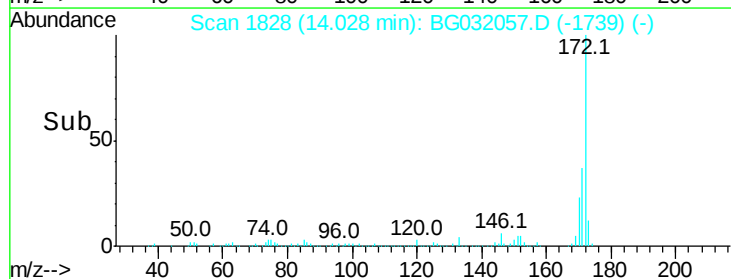
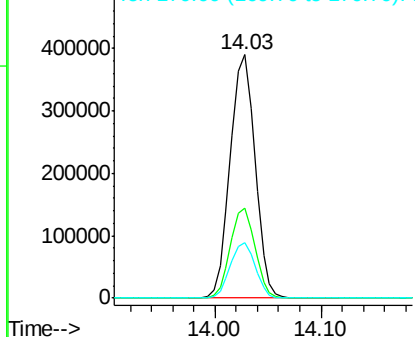


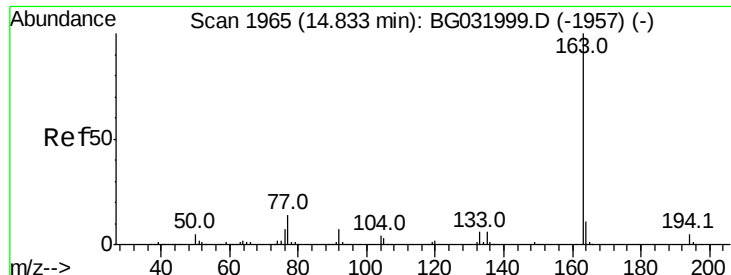
#44
 2-Fluorobiphenyl
 Concen: 61.726 ng
 RT: 14.03 min Scan# 1828
 Delta R.T. -0.01 min
 Lab File: BG032057.D
 Acq: 16 Jan 2018 7:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.0	45.0
170	22.7	19.5	29.3



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

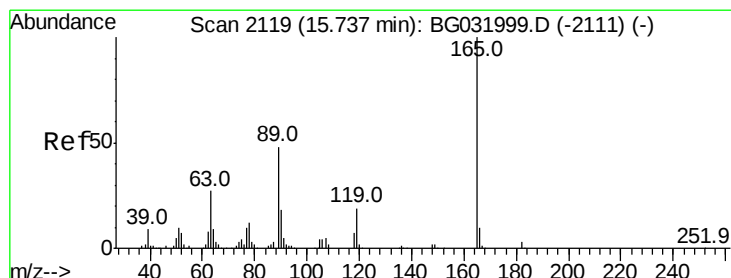
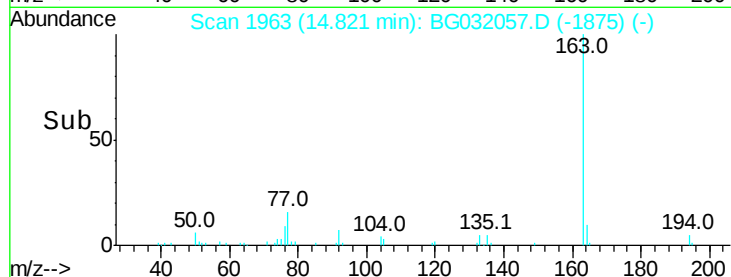
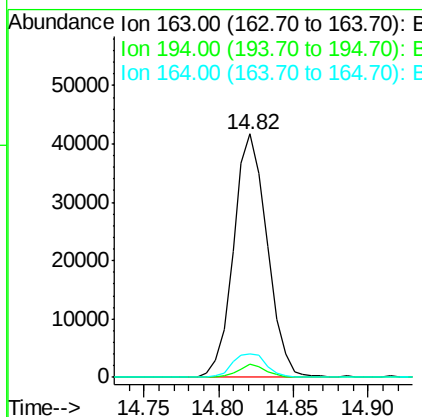
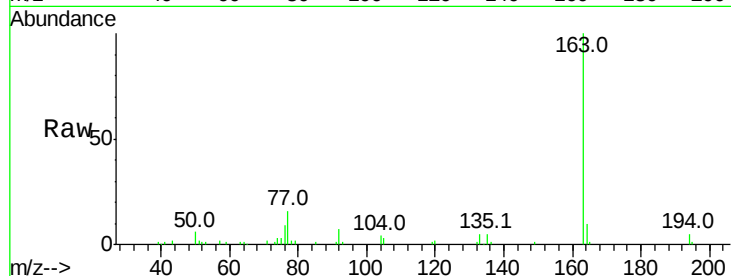




#49
Dimethylphthalate
Concen: 5.848 ng
RT: 14.82 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BG032057.D
Acq: 16 Jan 2018 7:20

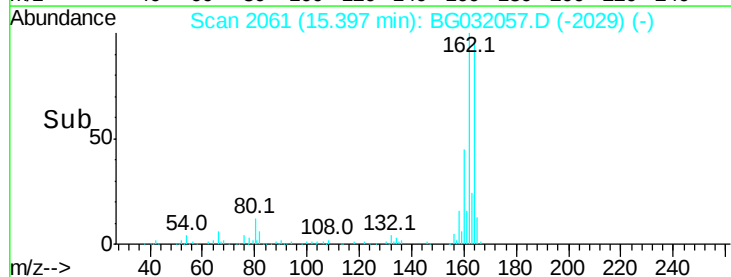
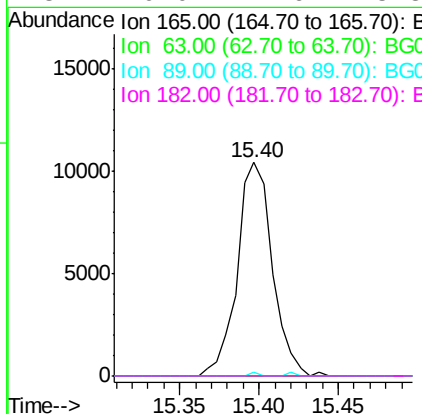
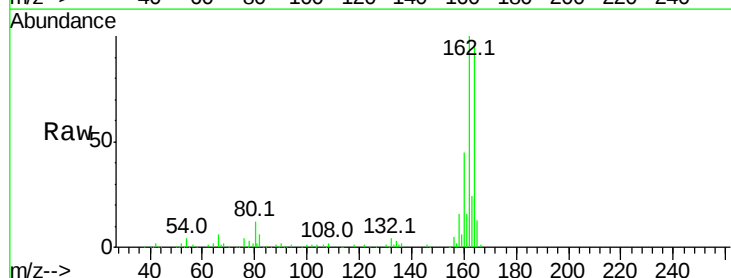
Instrument :
BNA_G
ClientSampled :

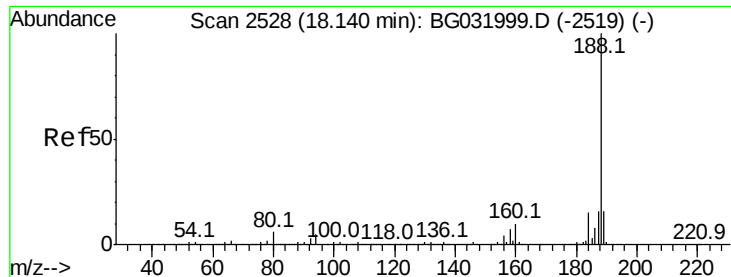
Tot Ion:163 Resp: 65316
Ion Ratio Lower Upper
163 100
194 5.3 3.4 5.2#
164 9.8 8.2 12.4



#56
2,4-Dinitrotoluene
Concen: 5.118 ng
RT: 15.40 min Scan# 2061
Delta R.T. -0.34 min
Lab File: BG032057.D
Acq: 16 Jan 2018 7:20

Tgt Ion:165 Resp: 15973
Ion Ratio Lower Upper
165 100
63 0.0 42.0 63.0#
89 2.1 66.9 100.3#
182 0.0 2.6 3.8#

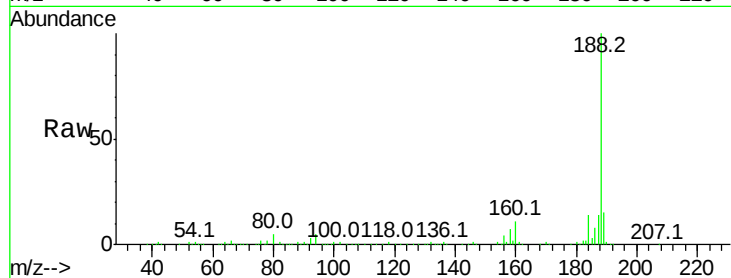




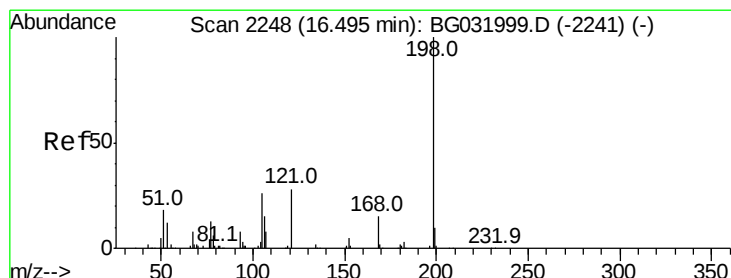
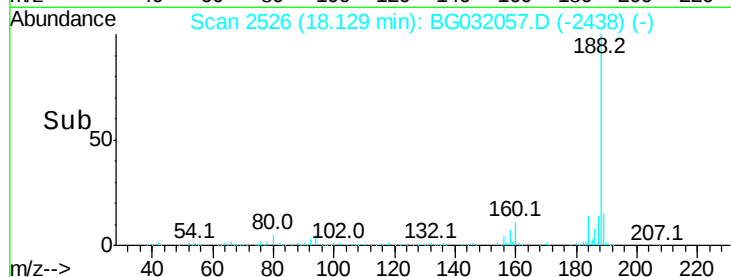
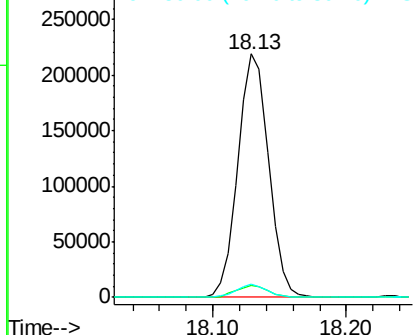
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.13 min Scan# 2526
Delta R.T. -0.01 min
Lab File: BG032057.D
Acq: 16 Jan 2018 7:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 349038
Ion Ratio Lower Upper
188 100
94 4.7 6.9 10.3#
80 5.5 7.7 11.5#

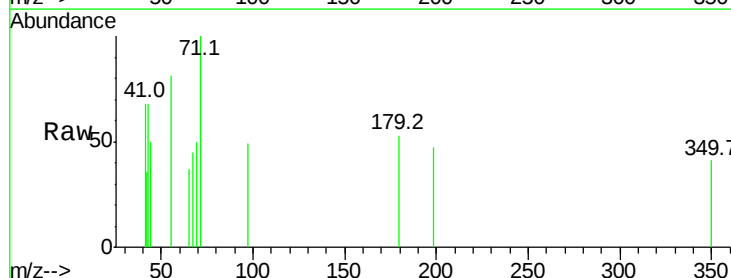


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

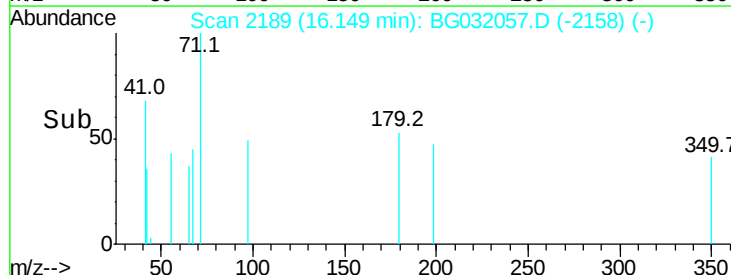
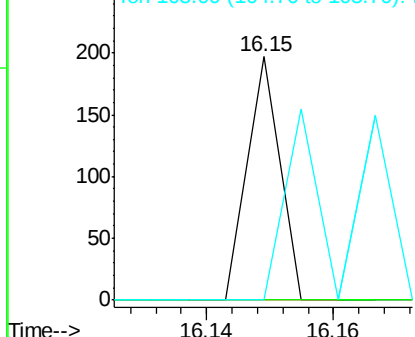


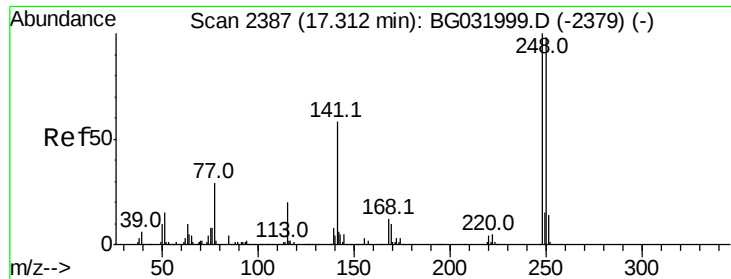
#64
4,6-Dinitro-2-methylphenol
Concen: 4.912 ng
RT: 16.15 min Scan# 2189
Delta R.T. -0.35 min
Lab File: BG032057.D
Acq: 16 Jan 2018 7:20

Tgt Ion:198 Resp: 69
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

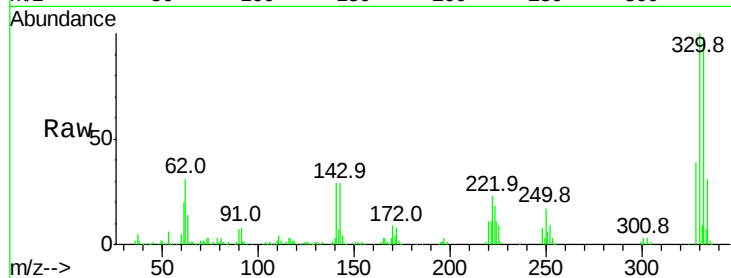




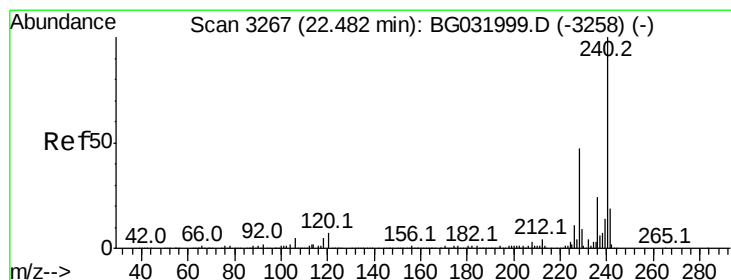
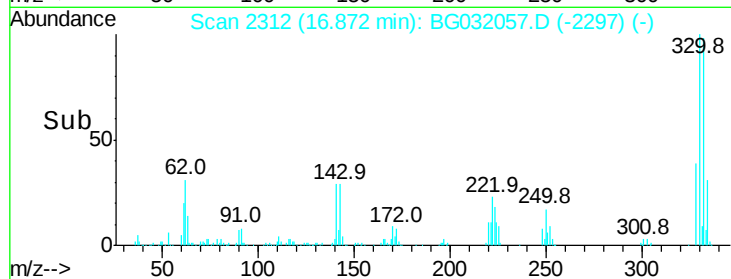
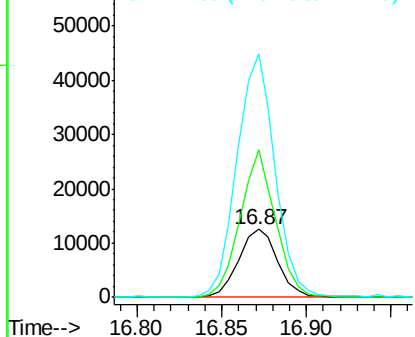
#66
4-Bromophenyl-phenylether
Concen: 4.063 ng
RT: 16.87 min Scan# 2312
Delta R.T. -0.44 min
Lab File: BG032057.D
Acq: 16 Jan 2018 7:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 20180
Ion Ratio Lower Upper
248 100
250 219.0 77.1 115.7#
141 359.8 50.8 76.2#

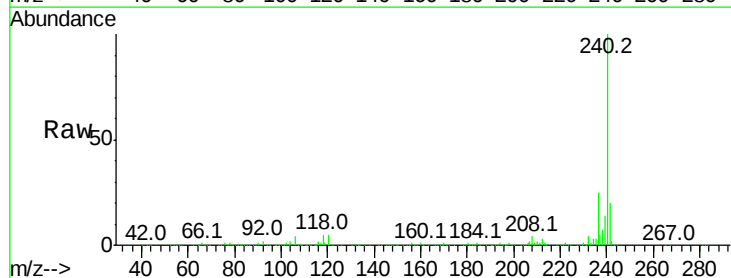


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

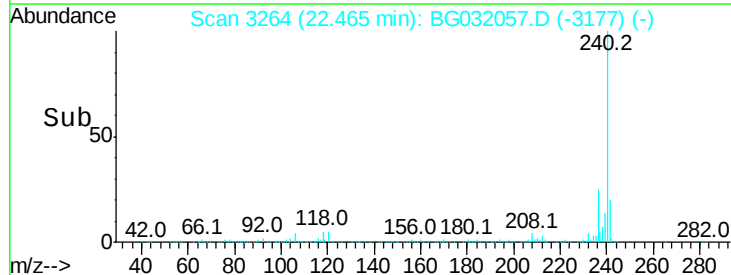
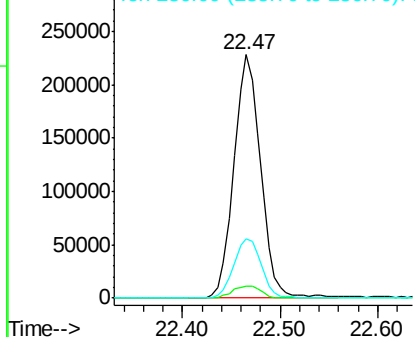


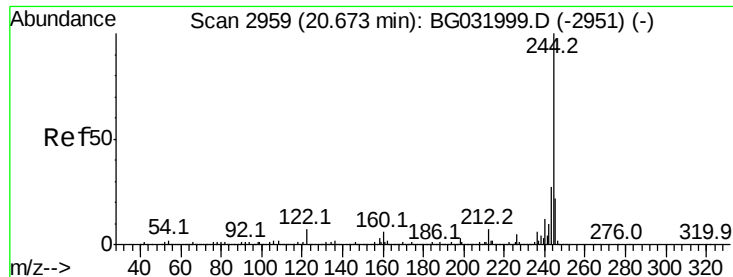
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.47 min Scan# 3264
Delta R.T. -0.02 min
Lab File: BG032057.D
Acq: 16 Jan 2018 7:20

Tgt Ion:240 Resp: 435171
Ion Ratio Lower Upper
240 100
120 5.1 6.8 10.2#
236 24.6 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: 64.691 ng

RT: 20.66 min Scan# 2957

Delta R.T. -0.01 min

Lab File: BG032057.D

Acq: 16 Jan 2018 7:20

Instrument :

BNA_G

ClientSampleId :

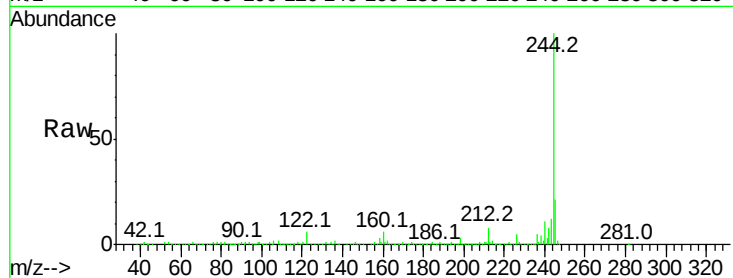
Tot Ion:244 Resp: 1274949

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

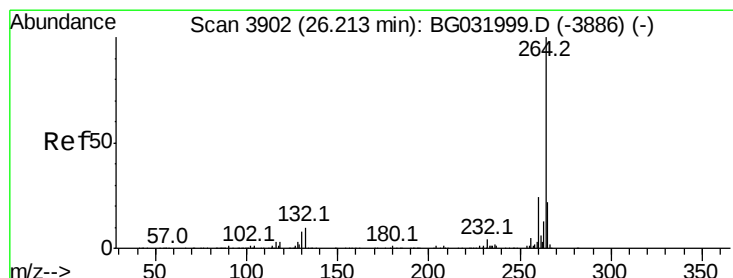
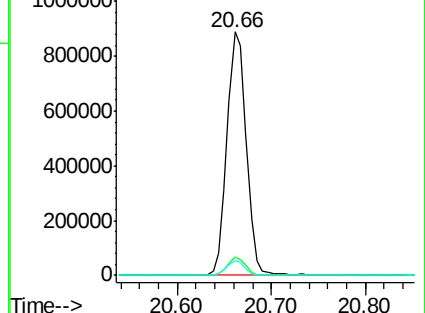
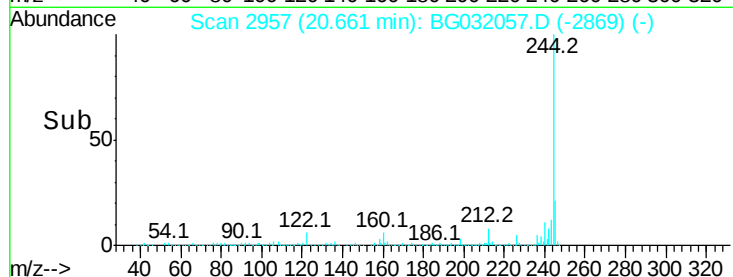
122 6.2 7.0 10.4#



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: 26.18 min Scan# 3896

Delta R.T. -0.03 min

Lab File: BG032057.D

Acq: 16 Jan 2018 7:20

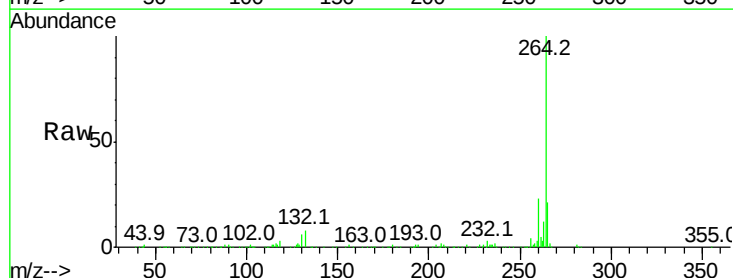
Tgt Ion:264 Resp: 457577

Ion Ratio Lower Upper

264 100

260 22.9 17.4 26.0

265 21.5 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

