

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG011718\
 Data File : BG032133.D
 Acq On : 18 Jan 2018 11:30
 Operator : SJ/JU
 Sample : J1158-03
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OWS-3

Quant Time: Jan 18 12:59:04 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

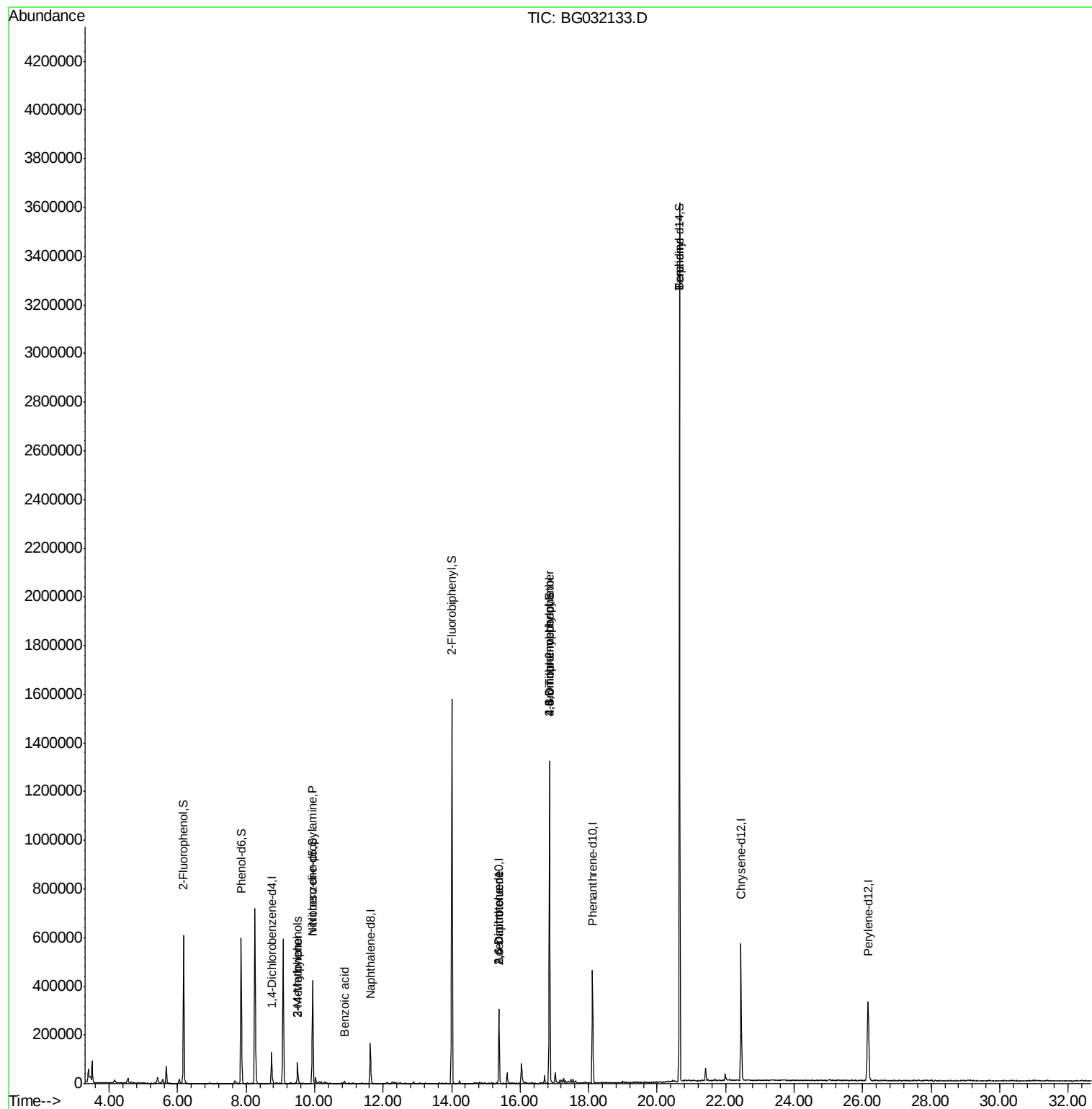
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.74	152	40830	20.00	ng	-0.03
21) Naphthalene-d8	11.63	136	164653	20.00	ng	-0.03
38) Acenaphthene-d10	15.38	164	116438	20.00	ng	-0.02
63) Phenanthrene-d10	18.11	188	321220	20.00	ng	-0.03
75) Chrysene-d12	22.45	240	417183	20.00	ng	-0.03
86) Perylene-d12	26.16	264	443980	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	6.18	112	317067	142.03	ng	-0.02
7) Phenol-d6	7.85	99	370628	131.82	ng	-0.03
23) Nitrobenzene-d5	9.94	82	263194	108.14	ng	-0.03
41) 2,4,6-Tribromophenol	16.86	330	310796	161.30	ng	-0.02
44) 2-Fluorobiphenyl	14.01	172	926899	98.71	ng	-0.03
78) Terphenyl-d14	20.65	244	1849687	97.90	ng	-0.02
Target Compounds						
17) 2-Methylphenol	9.50	107	42477	20.068	ng	# 71
19) n-Nitroso-di-n-propylamine	9.94	70	36739	21.060	ng	# 69
20) 3+4-Methylphenols	9.50	107	42477	14.486	ng	# 91
32) Benzoic acid	10.86	122	911	5.699	ng	# 51
50) 2,6-Dinitrotoluene	15.38	165	15805	7.473	ng	# 20
56) 2,4-Dinitrotoluene	15.38	165	15805	5.551	ng	# 18
64) 4,6-Dinitro-2-methylphenol	16.85	198	814	5.240	ng	# 30
66) 4-Bromophenyl-phenylether	16.86	248	26537	5.806	ng	# 1
76) Benzidine	20.65	184	26540	2.544	ng	# 90

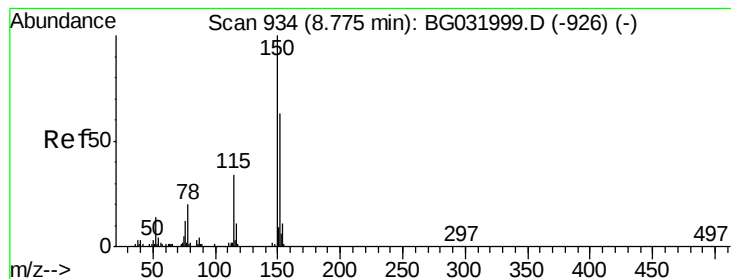
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG011718\
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QLast Update : Mon Jan 15 10:05:15 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.74 min Scan# 928

Delta R.T. -0.03 min

Lab File: BG032133.D

Acq: 18 Jan 2018 11:30

Instrument :

BNA_G

ClientSampled :

OWS-3

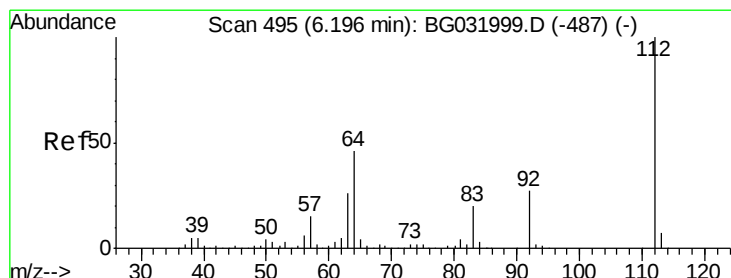
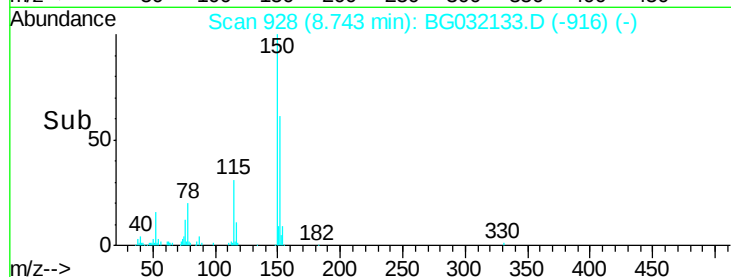
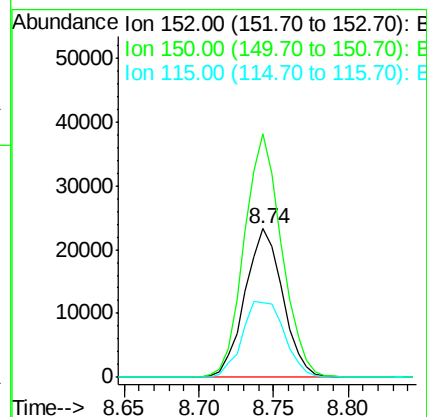
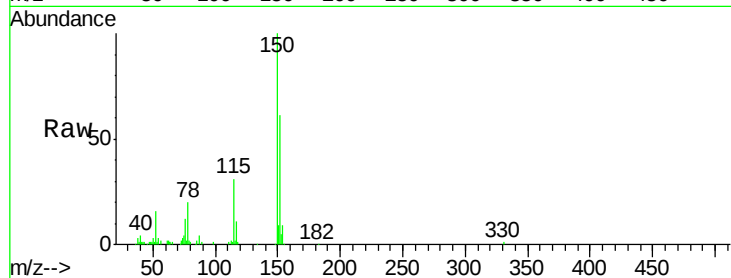
Tgt Ion:152 Resp: 40830

Ion Ratio Lower Upper

152 100

150 163.6 126.6 189.8

115 50.4 53.0 79.4#



#5

2-Fluorophenol

Concen: 142.027 ng

RT: 6.18 min Scan# 491

Delta R.T. -0.02 min

Lab File: BG032133.D

Acq: 18 Jan 2018 11:30

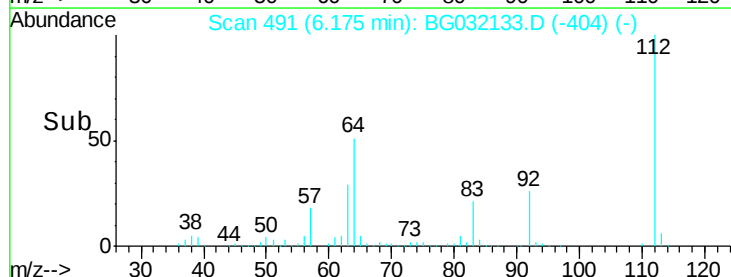
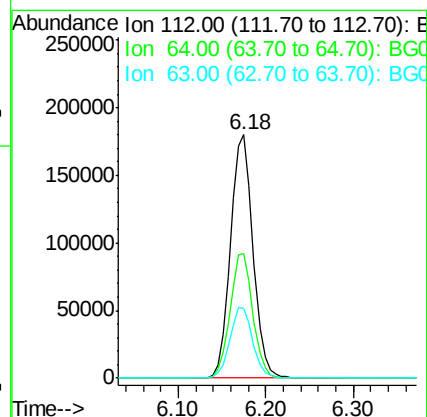
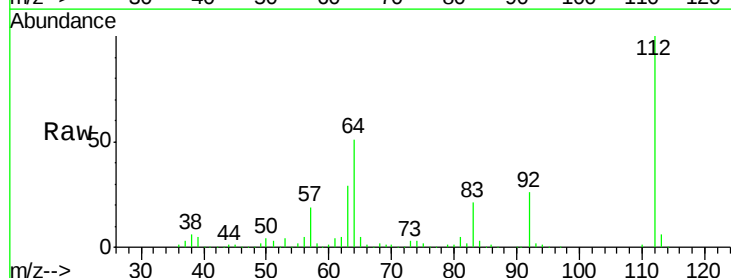
Tgt Ion:112 Resp: 317067

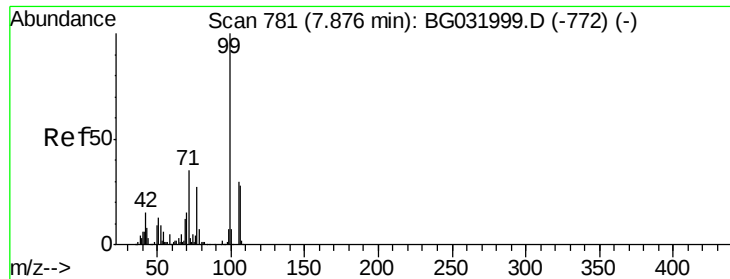
Ion Ratio Lower Upper

112 100

64 51.3 56.3 84.5#

63 28.8 30.1 45.1#





#7

Phenol-d6

Concen: 131.820 ng

RT: 7.85 min Scan# 776

Delta R.T. -0.03 min

Lab File: BG032133.D

Acq: 18 Jan 2018 11:30

Instrument :

BNA_G

ClientSampleId :

OWS-3

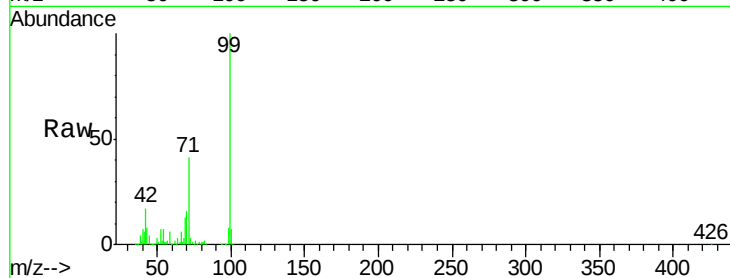
Tgt Ion: 99 Resp: 370628

Ion Ratio Lower Upper

99 100

42 16.8 14.1 21.1

71 40.6 26.1 39.1#

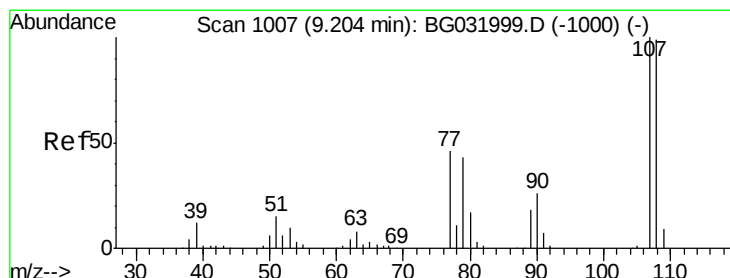
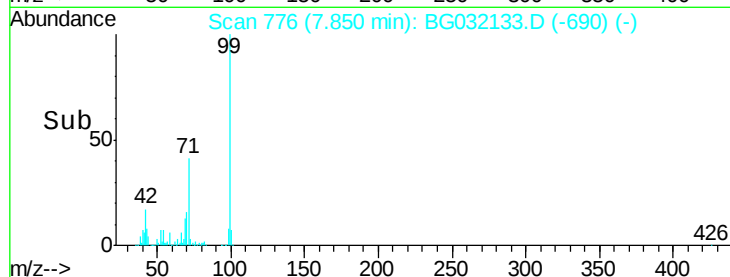
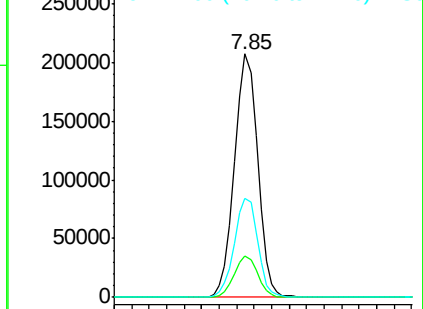


Abundance

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



#17

2-Methylphenol

Concen: 20.068 ng

RT: 9.50 min Scan# 1057

Delta R.T. 0.30 min

Lab File: BG032133.D

Acq: 18 Jan 2018 11:30

Tgt Ion:107 Resp: 42477

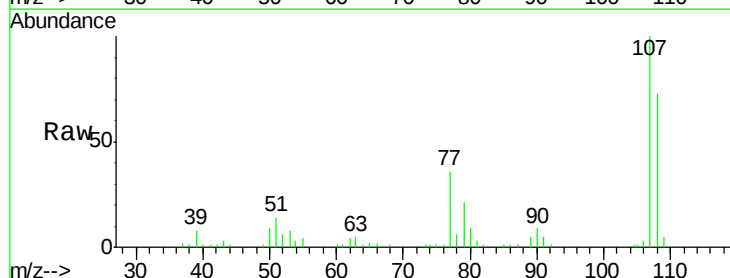
Ion Ratio Lower Upper

107 100

108 72.8 83.9 125.9#

77 35.9 37.2 55.8#

79 20.8 36.2 54.2#



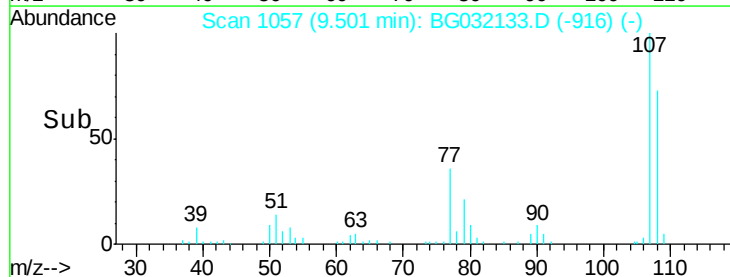
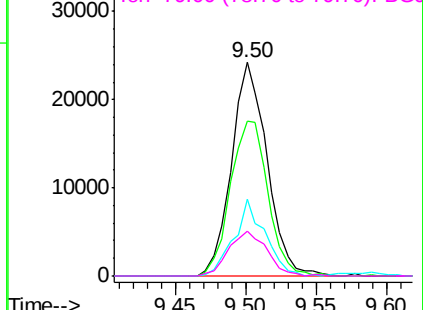
Abundance

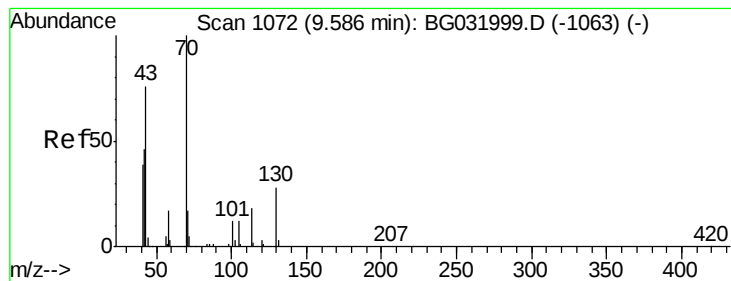
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#19

n-Nitroso-di-n-propylamine

Concen: 21.060 ng

RT: 9.94 min Scan# 1132

Delta R.T. 0.36 min

Lab File: BG032133.D

Acq: 18 Jan 2018 11:30

Instrument :

BNA_G

ClientSampleId :

OWS-3

Tgt Ion: 70 Resp: 36739

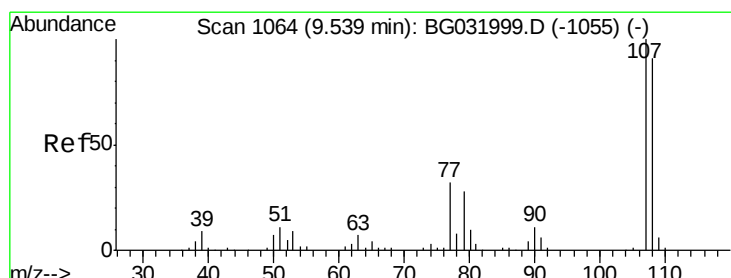
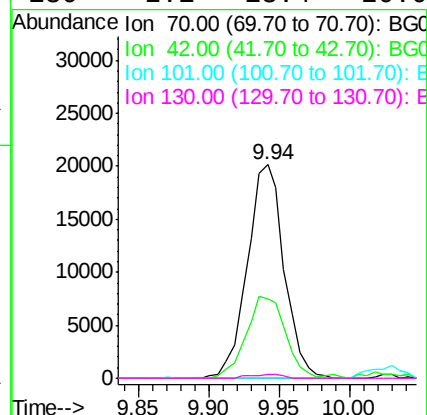
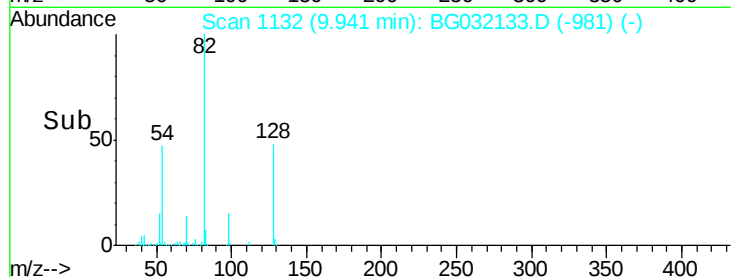
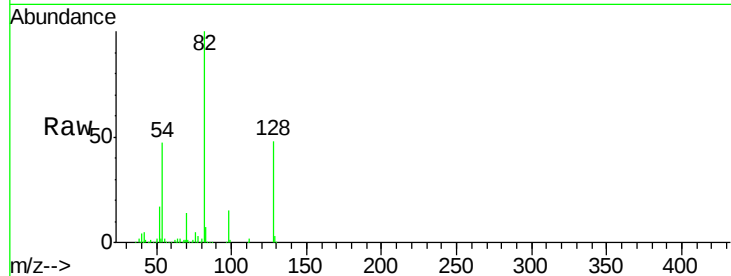
Ion Ratio Lower Upper

70 100

42 37.4 49.1 73.7#

101 0.0 8.5 12.7#

130 2.1 13.4 20.0#



#20

3+4-Methylphenols

Concen: 14.486 ng

RT: 9.50 min Scan# 1057

Delta R.T. -0.04 min

Lab File: BG032133.D

Acq: 18 Jan 2018 11:30

Tgt Ion: 107 Resp: 42477

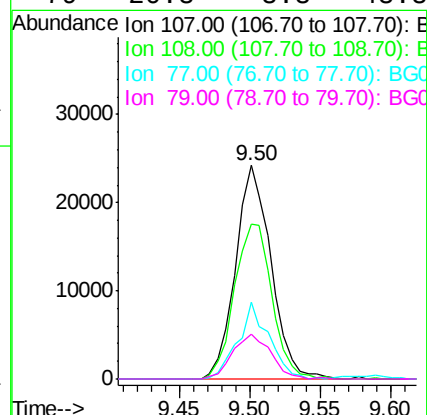
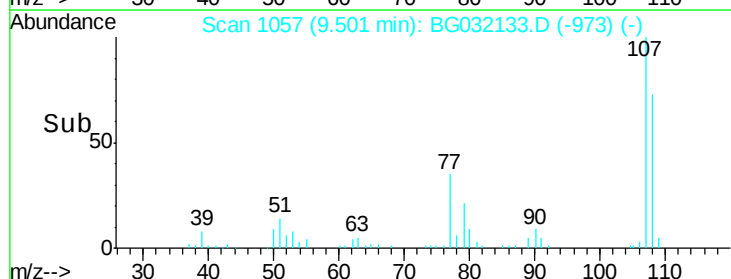
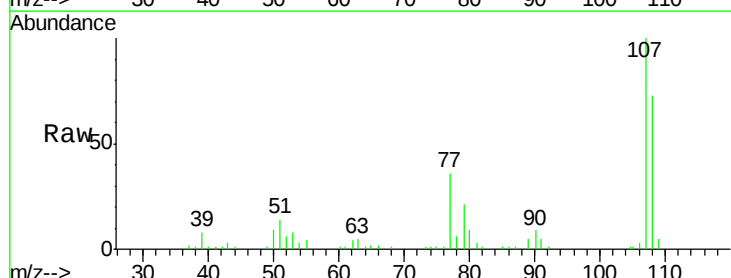
Ion Ratio Lower Upper

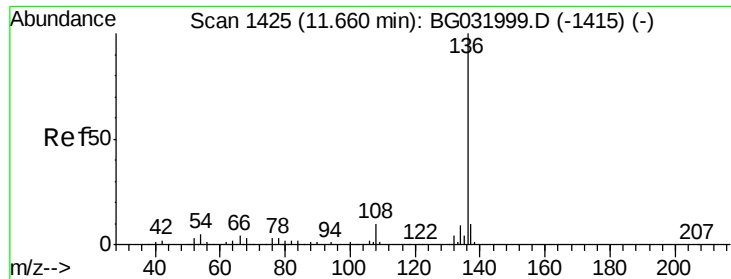
107 100

108 72.8 61.6 101.6

77 35.9 13.9 53.9

79 20.8 8.8 48.8

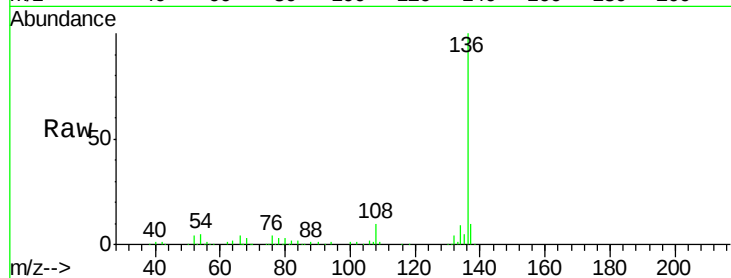




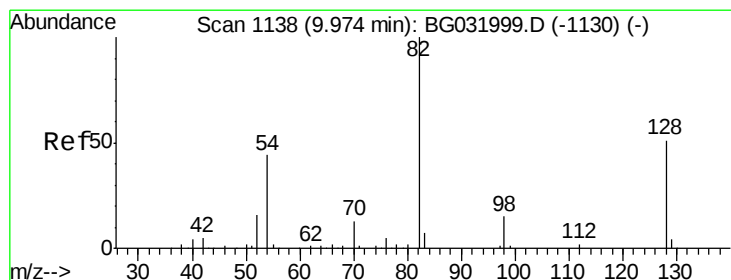
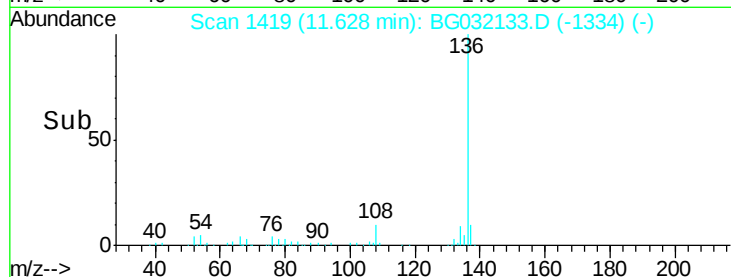
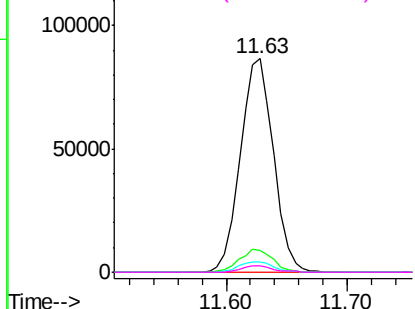
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.63 min Scan# 1419
Delta R.T. -0.03 min
Lab File: BG032133.D
Acq: 18 Jan 2018 11:30

Instrument :
BNA_G
ClientSampleId :
OWS-3

Tgt Ion:	136	Resp:	164653
Ion	Ratio	Lower	Upper
136	100		
137	10.1	9.2	13.8
54	4.6	10.3	15.5#
68	2.7	4.5	6.7#

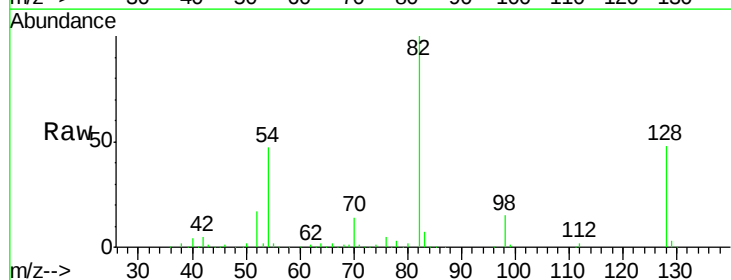


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

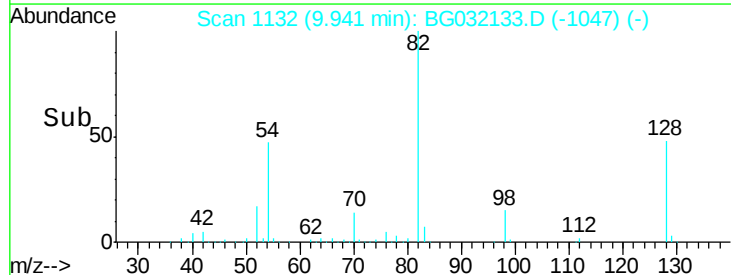
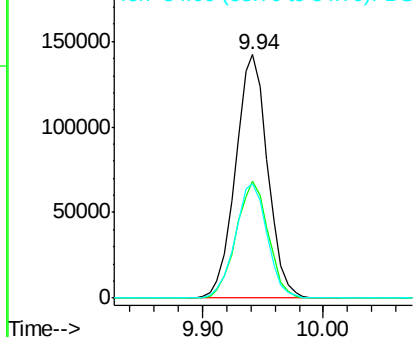


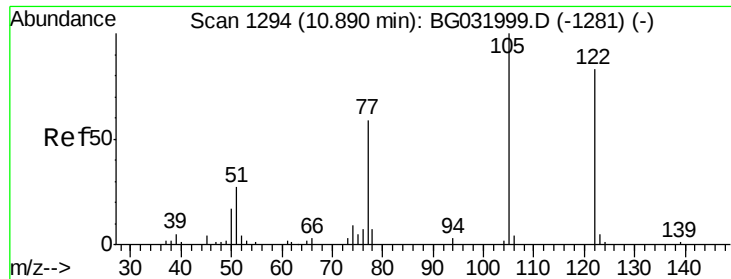
#23
Nitrobenzene-d5
Concen: 108.144 ng
RT: 9.94 min Scan# 1132
Delta R.T. -0.03 min
Lab File: BG032133.D
Acq: 18 Jan 2018 11:30

Tgt Ion:	82	Resp:	263194
Ion	Ratio	Lower	Upper
82	100		
128	48.2	29.7	44.5#
54	47.2	43.1	64.7



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





#32

Benzoic acid

Concen: 5.699 ng

RT: 10.86 min Scan# 1289

Delta R.T. -0.03 min

Lab File: BG032133.D

Acq: 18 Jan 2018 11:30

Instrument :

BNA_G

ClientSampleId :

OWS-3

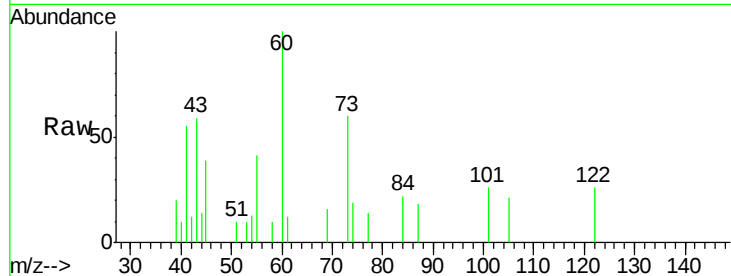
Tgt Ion:122 Resp: 911

Ion Ratio Lower Upper

122 100

105 82.8 123.5 163.5#

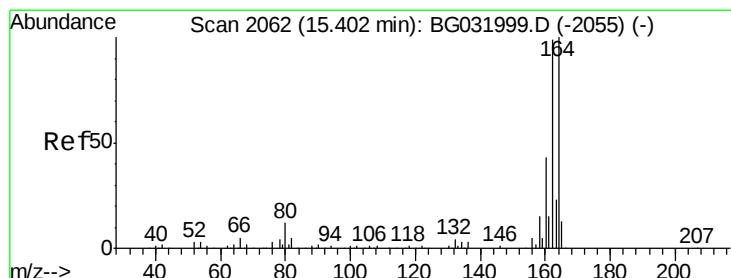
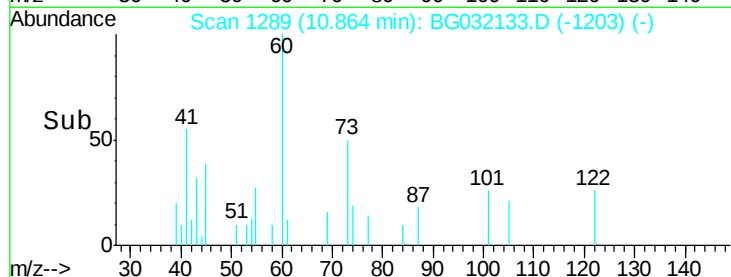
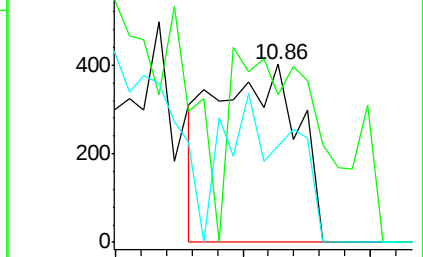
77 54.5 85.7 125.7#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.38 min Scan# 2058

Delta R.T. -0.02 min

Lab File: BG032133.D

Acq: 18 Jan 2018 11:30

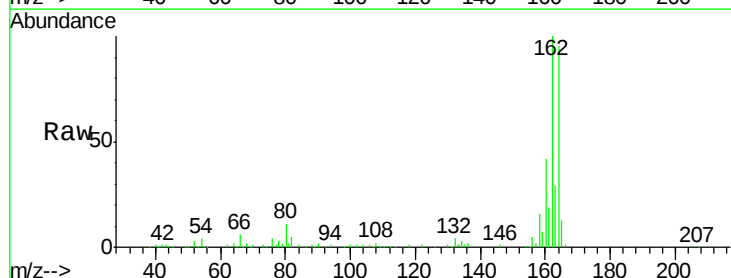
Tgt Ion:164 Resp: 116438

Ion Ratio Lower Upper

164 100

162 105.7 78.8 118.2

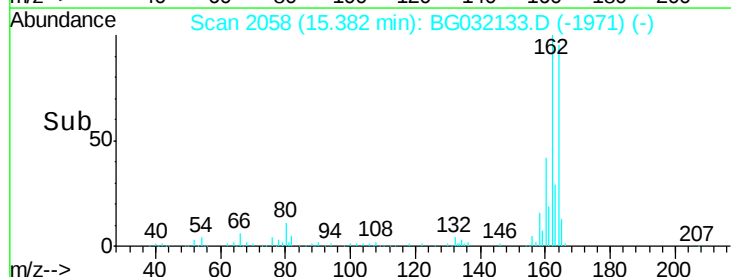
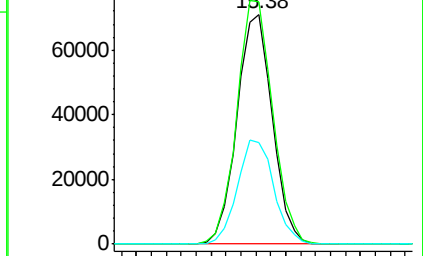
160 44.4 35.4 53.0

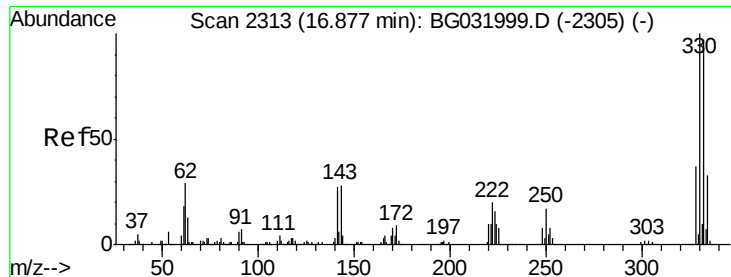


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

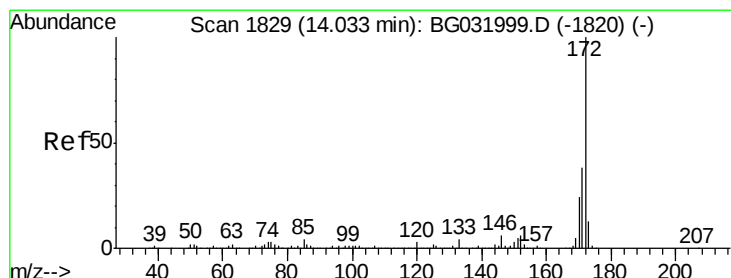
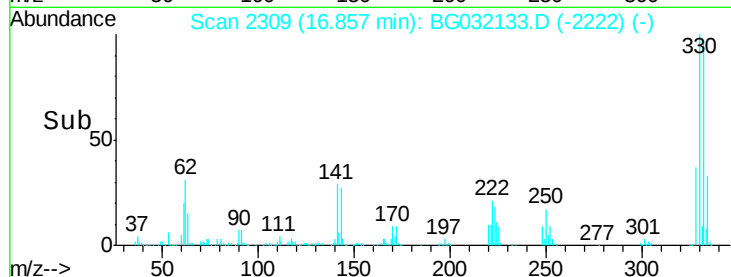
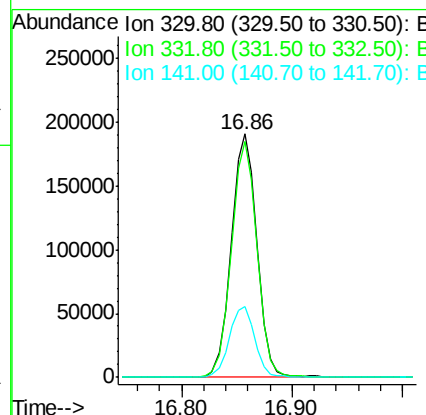
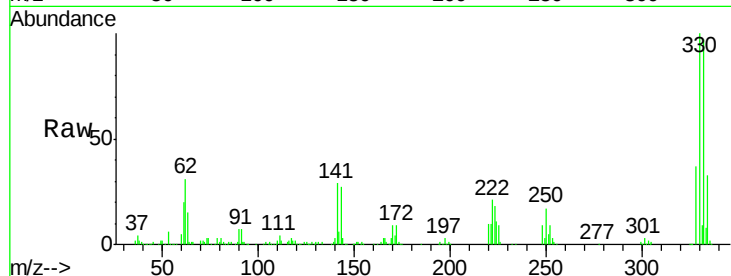




#41
 2,4,6-Tribromophenol
 Concen: 161.304 ng
 RT: 16.86 min Scan# 2309
 Delta R.T. -0.02 min
 Lab File: BG032133.D
 Acq: 18 Jan 2018 11:30

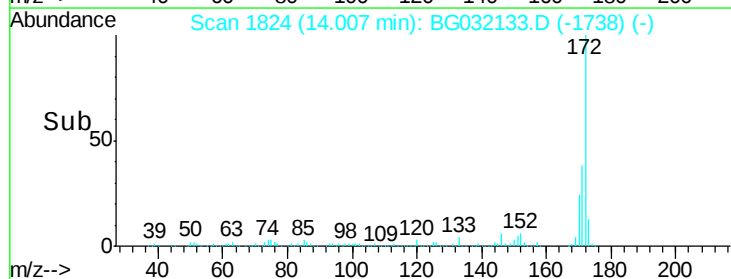
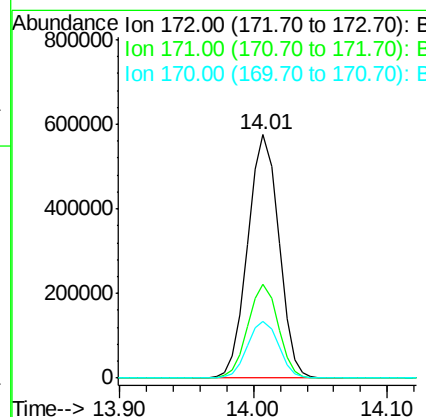
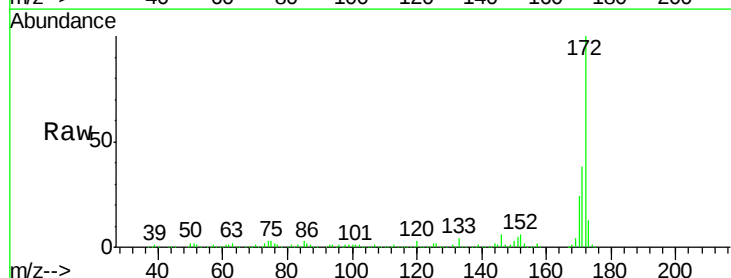
Instrument :
 BNA_G
 ClientSampleId :
 OWS-3

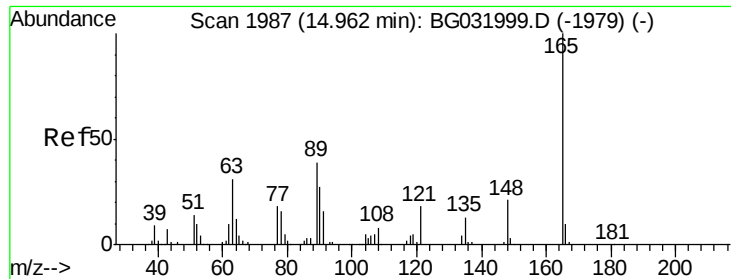
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	29.0	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 98.706 ng
 RT: 14.01 min Scan# 1824
 Delta R.T. -0.03 min
 Lab File: BG032133.D
 Acq: 18 Jan 2018 11:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	30.0	45.0
170	23.5	19.5	29.3

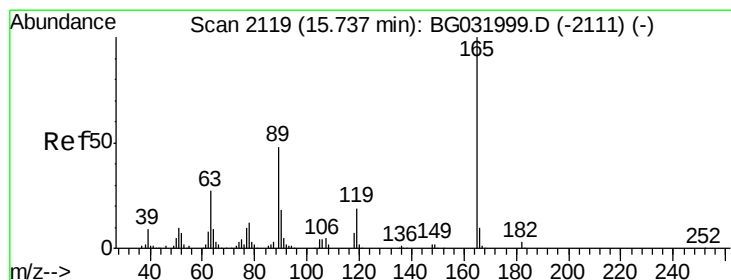
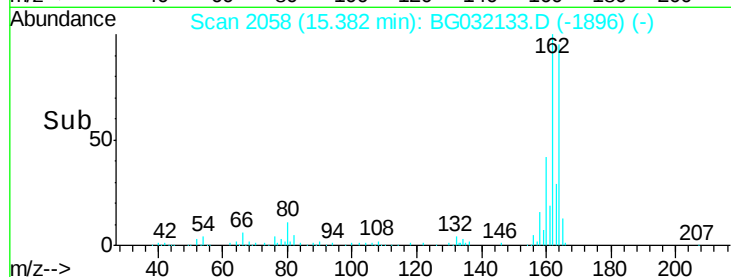
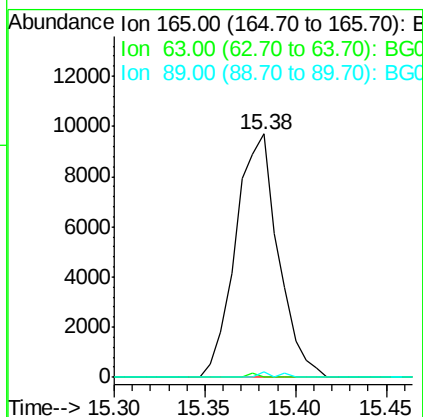
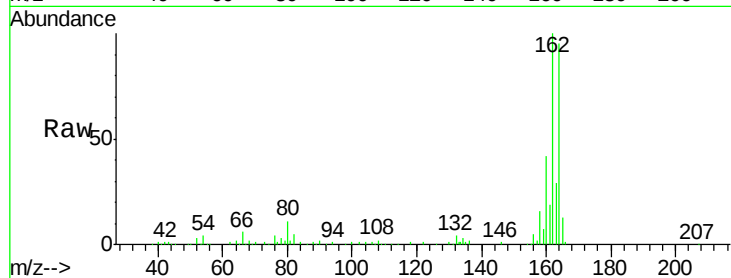




#50
 2,6-Dinitrotoluene
 Concen: 7.473 ng
 RT: 15.38 min Scan# 2058
 Delta R.T. 0.42 min
 Lab File: BG032133.D
 Acq: 18 Jan 2018 11:30

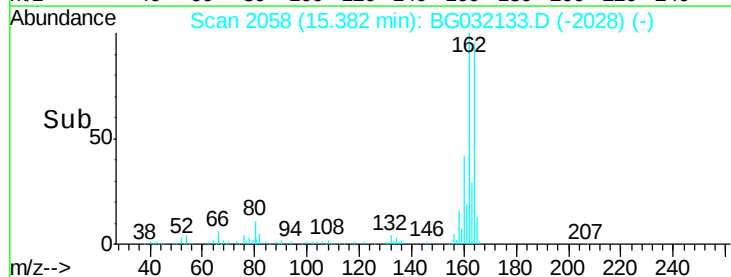
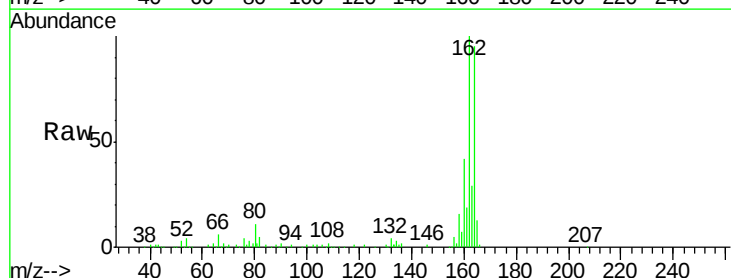
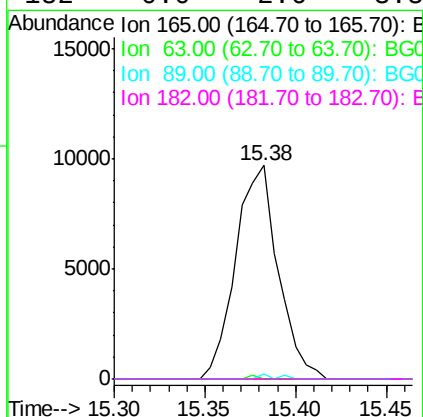
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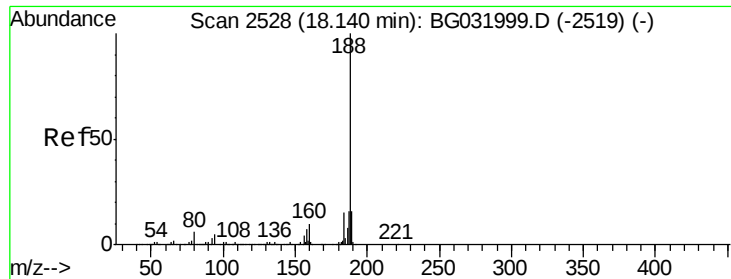
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	2.4	49.2	73.8#



#56
 2,4-Dinitrotoluene
 Concen: 5.551 ng
 RT: 15.38 min Scan# 2058
 Delta R.T. -0.36 min
 Lab File: BG032133.D
 Acq: 18 Jan 2018 11:30

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	2.4	66.9	100.3#
182	0.0	2.6	3.8#

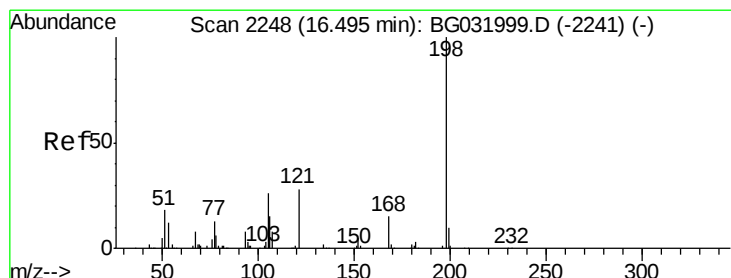
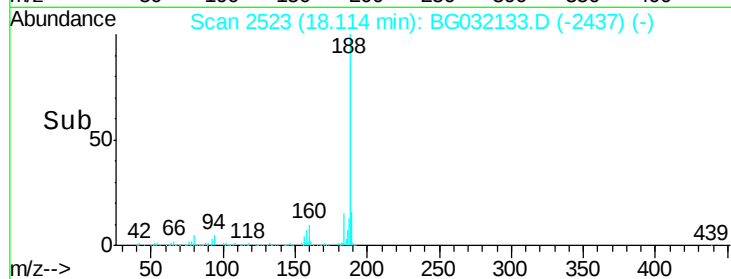
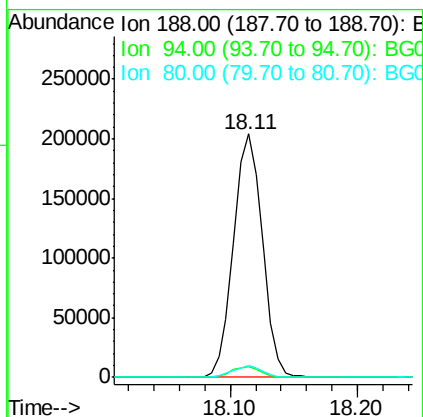
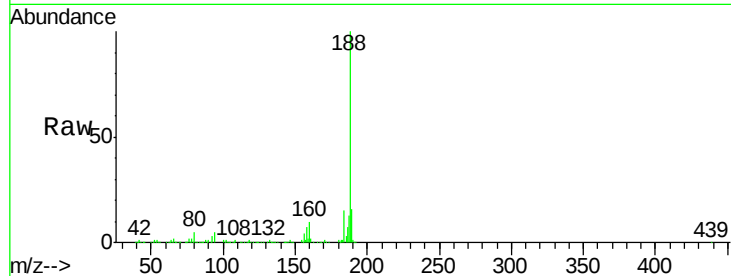




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.11 min Scan# 2523
 Delta R.T. -0.03 min
 Lab File: BG032133.D
 Acq: 18 Jan 2018 11:30

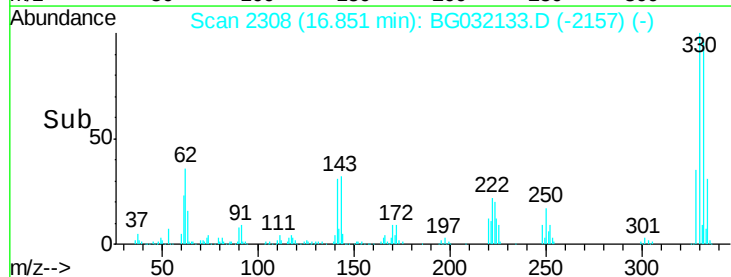
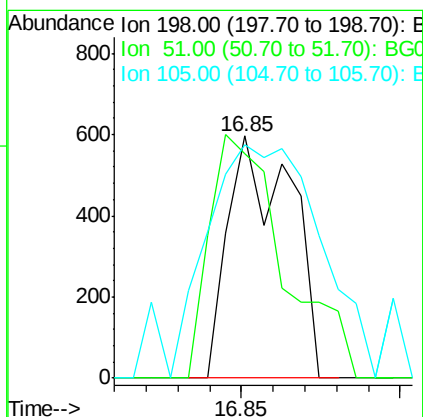
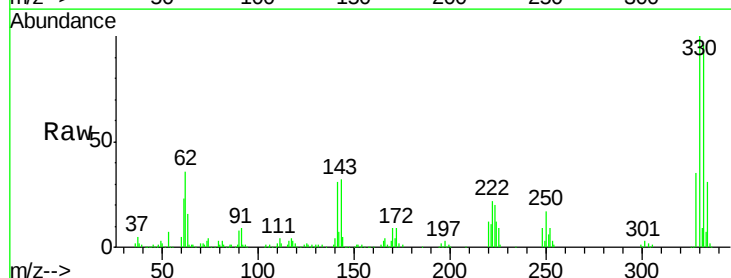
Instrument :
 BNA_G
 ClientSampleId :
 QWS-3

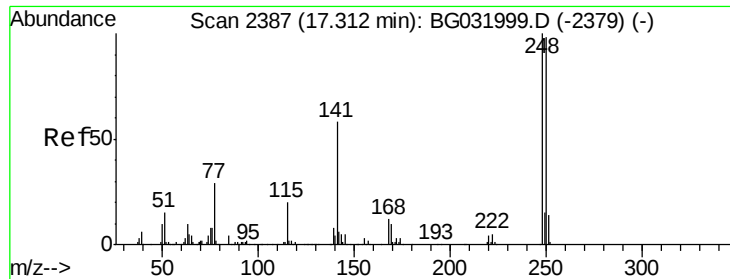
Tgt Ion:188 Resp: 321220
 Ion Ratio Lower Upper
 188 100
 94 4.6 6.9 10.3#
 80 4.7 7.7 11.5#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.240 ng
 RT: 16.85 min Scan# 2308
 Delta R.T. 0.36 min
 Lab File: BG032133.D
 Acq: 18 Jan 2018 11:30

Tgt Ion:198 Resp: 814
 Ion Ratio Lower Upper
 198 100
 51 92.6 30.6 70.6#
 105 96.3 23.8 63.8#

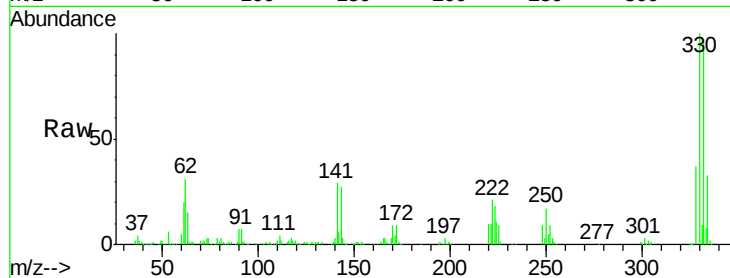




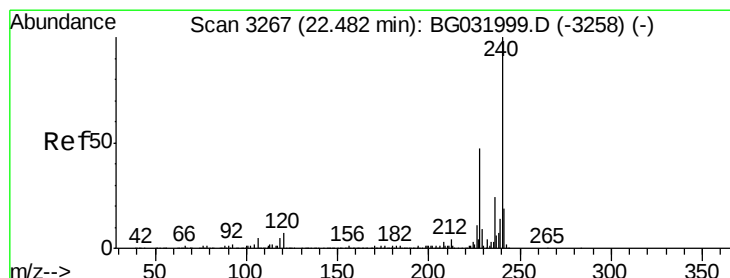
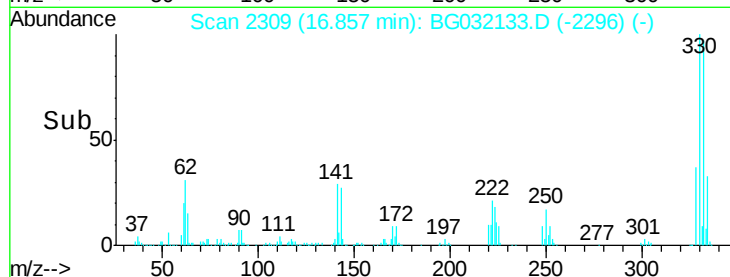
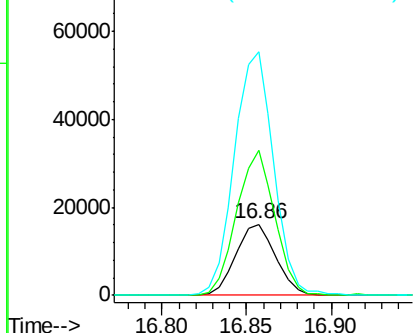
#66
4-Bromophenyl-phenylether
Concen: 5.806 ng
RT: 16.86 min Scan# 2309
Delta R.T. -0.46 min
Lab File: BG032133.D
Acq: 18 Jan 2018 11:30

Instrument :
BNA_G
ClientSampleId :
OWS-3

Tgt Ion:248 Resp: 26537
Ion Ratio Lower Upper
248 100
250 202.3 77.1 115.7#
141 340.9 50.8 76.2#

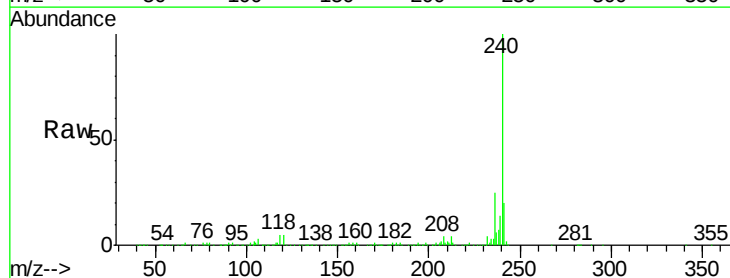


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

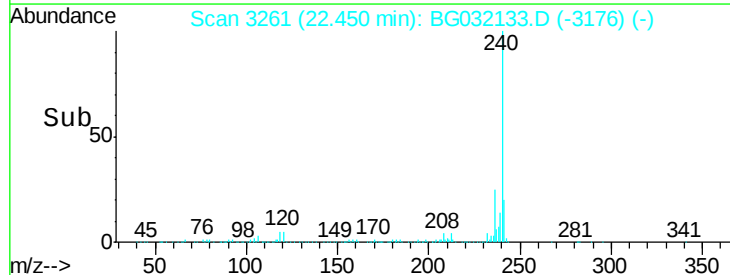
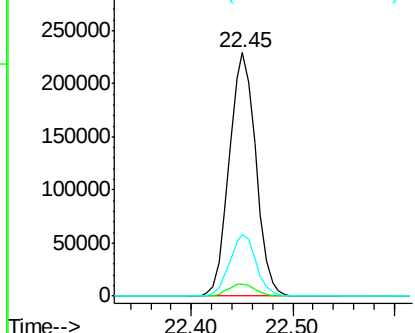


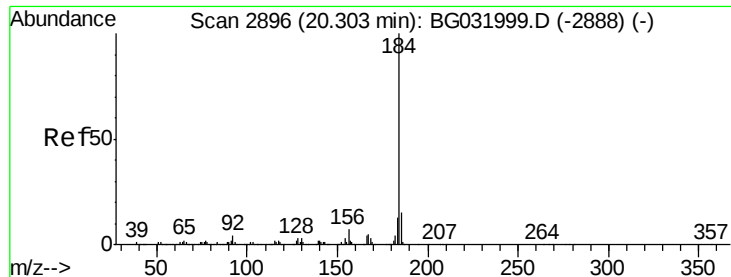
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.45 min Scan# 3261
Delta R.T. -0.03 min
Lab File: BG032133.D
Acq: 18 Jan 2018 11:30

Tgt Ion:240 Resp: 417183
Ion Ratio Lower Upper
240 100
120 4.8 6.8 10.2#
236 25.4 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

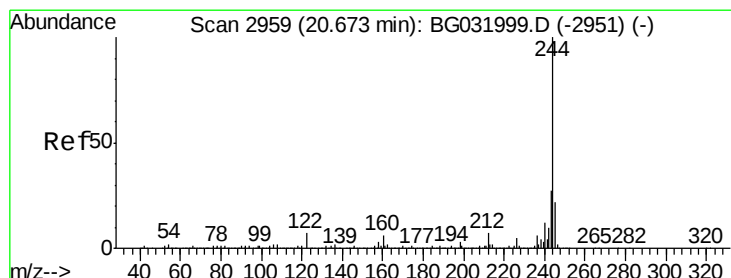
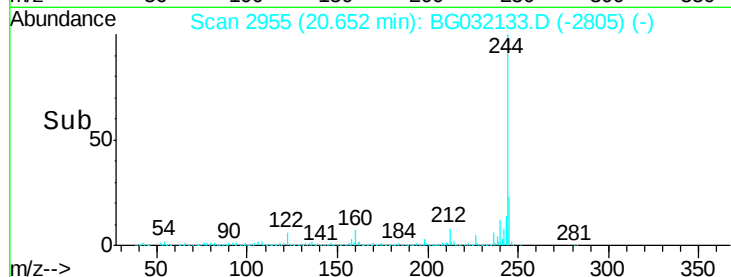
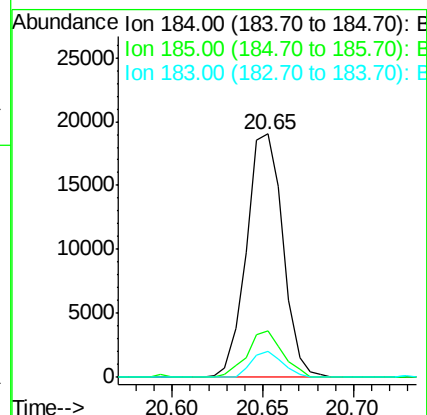
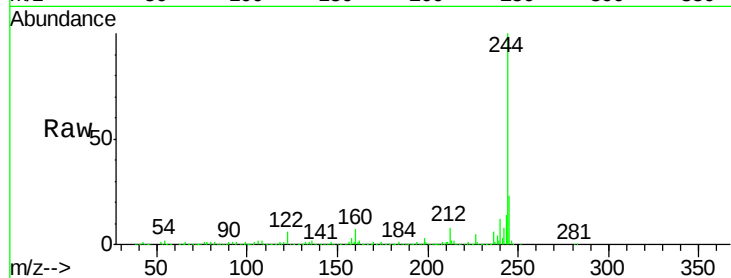




#76
Benzidine
Concen: 2.544 ng
RT: 20.65 min Scan# 2955
Delta R.T. 0.35 min
Lab File: BG032133.D
Acq: 18 Jan 2018 11:30

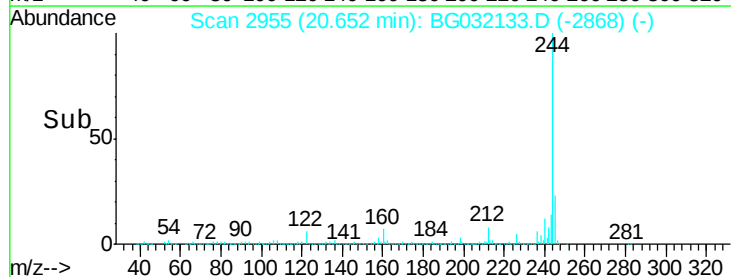
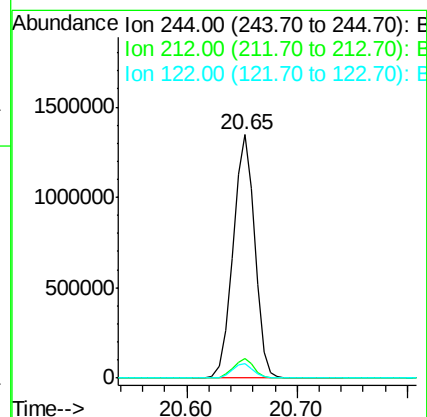
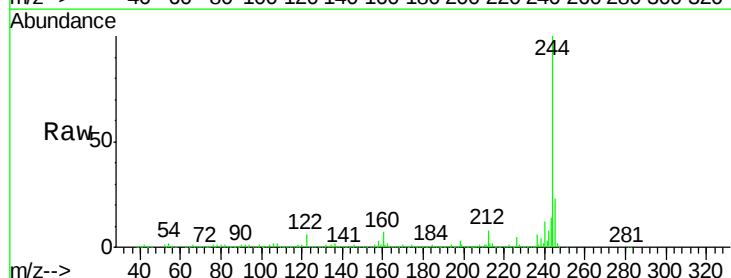
Instrument :
BNA_G
ClientSampleId :
OWS-3

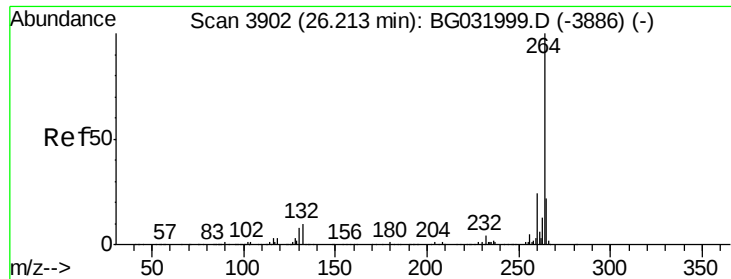
Tgt Ion:184 Resp: 26540
Ion Ratio Lower Upper
184 100
185 19.2 11.1 16.7#
183 10.9 10.6 16.0



#78
Terphenyl-d14
Concen: 97.899 ng
RT: 20.65 min Scan# 2955
Delta R.T. -0.02 min
Lab File: BG032133.D
Acq: 18 Jan 2018 11:30

Tgt Ion:244 Resp: 1849687
Ion Ratio Lower Upper
244 100
212 7.9 5.8 8.8
122 6.2 7.0 10.4#

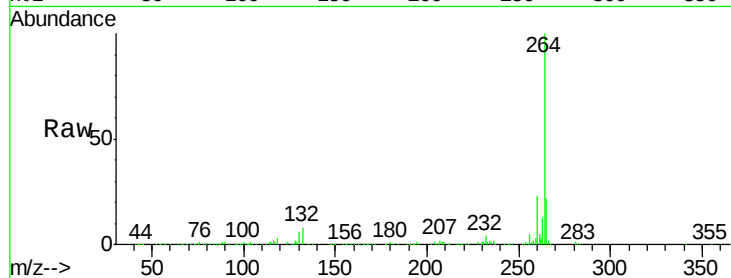




#86
Perylene-d12
Concen: 20.000 ng
RT: 26.16 min Scan# 3892
Delta R.T. -0.06 min
Lab File: BG032133.D
Acq: 18 Jan 2018 11:30

Instrument :
BNA_G
ClientSampleId :
OWS-3

Tgt Ion: 264 Resp: 443980
Ion Ratio Lower Upper
264 100
260 22.9 17.4 26.0
265 22.5 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

