

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031618\
 Data File : BG033205.D
 Acq On : 16 Mar 2018 18:38
 Operator : SJ/JU
 Sample : J1926-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 4522-24

Quant Time: Mar 17 05:20:53 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 14 13:59:34 2018
 Response via : Initial Calibration

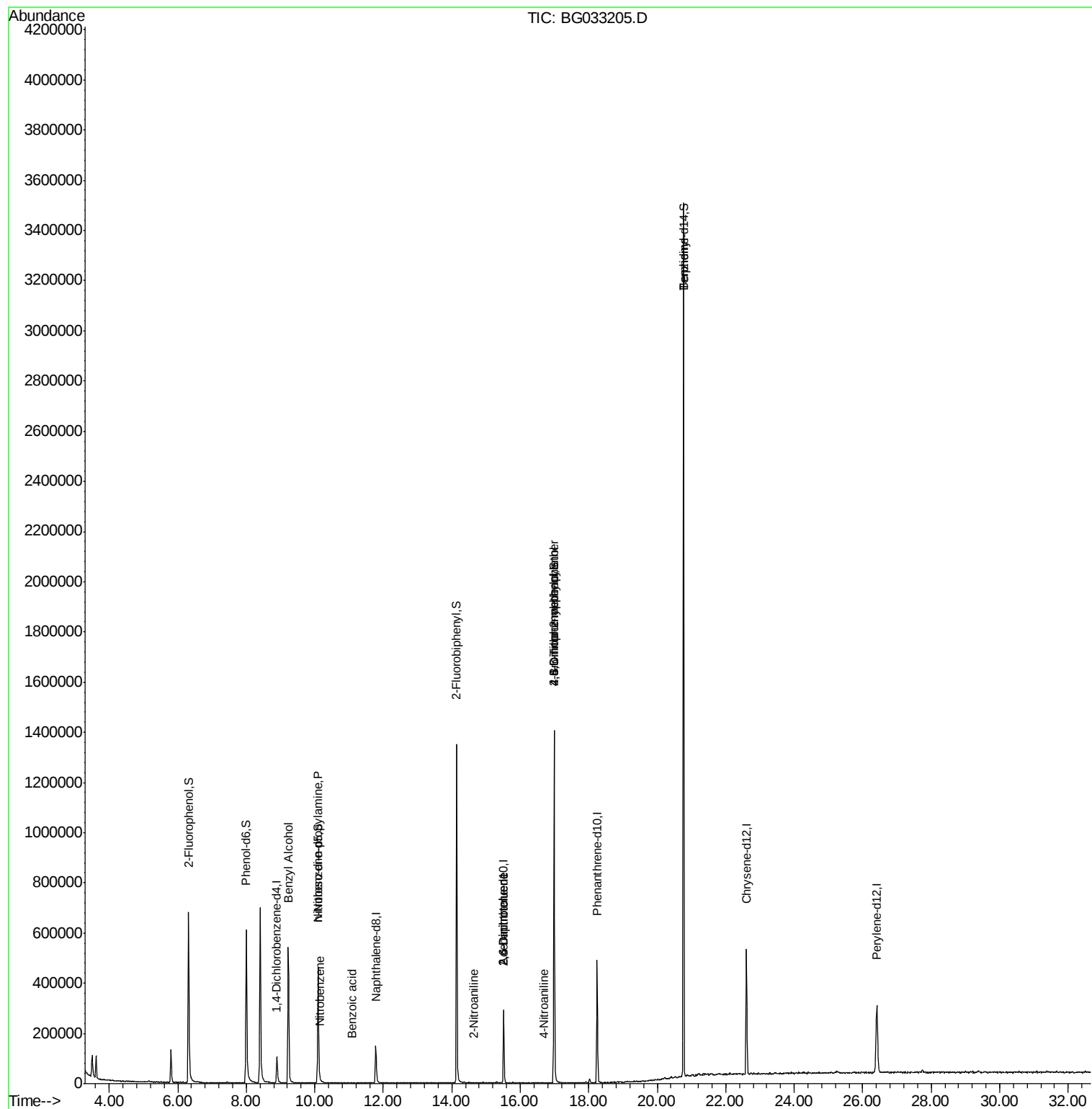
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	35139	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	146018	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	108395	20.00	ng	0.00
63) Phenanthrene-d10	18.25	188	322770	20.00	ng	0.00
75) Chrysene-d12	22.61	240	343335	20.00	ng	0.00
86) Perylene-d12	26.41	264	365108	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	327202	148.97	ng	0.00
7) Phenol-d6	8.00	99	444966	145.34	ng	-0.01
23) Nitrobenzene-d5	10.10	82	339741	152.55	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	284974	250.04	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	762670	101.48	ng	0.00
78) Terphenyl-d14	20.77	244	1658076	108.50	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.23	79	5790	2.573	ng	# 38
19) n-Nitroso-di-n-propylamine	10.10	70	47959	22.190	ng	# 71
24) Nitrobenzene	10.14	77	118	6.424	ng	# 42
32) Benzoic acid	11.08	122	55	5.863	ng	# 1
47) 2-Nitroaniline	14.64	65	55	9.860	ng	# 9
50) 2,6-Dinitrotoluene	15.51	165	13368	16.047	ng	# 22
56) 2,4-Dinitrotoluene	15.51	165	13368	14.242	ng	# 19
61) 4-Nitroaniline	16.69	138	55	5.324	ng	# 12
64) 4,6-Dinitro-2-methylphenol	16.98	198	884	6.109	ng	# 71
66) 4-Bromophenyl-phenylether	16.99	248	20958	6.141	ng	# 1
76) Benzydine	20.77	184	28810	2.462	ng	# 92

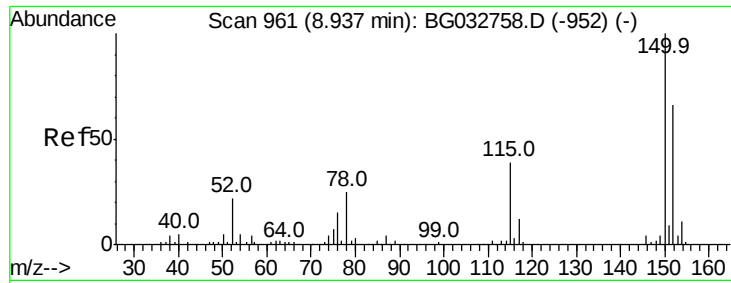
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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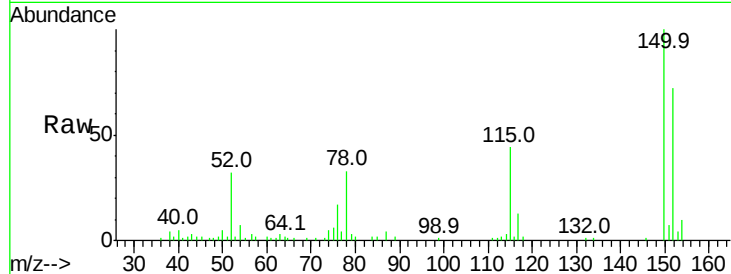


#1

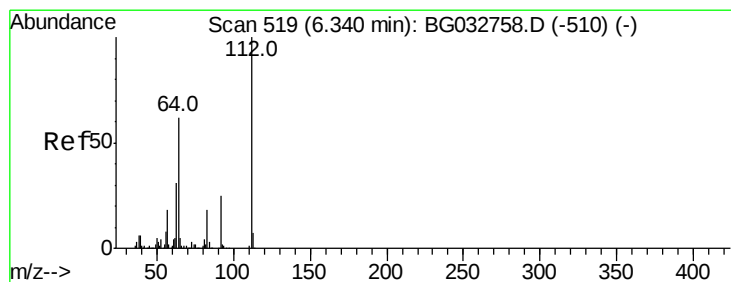
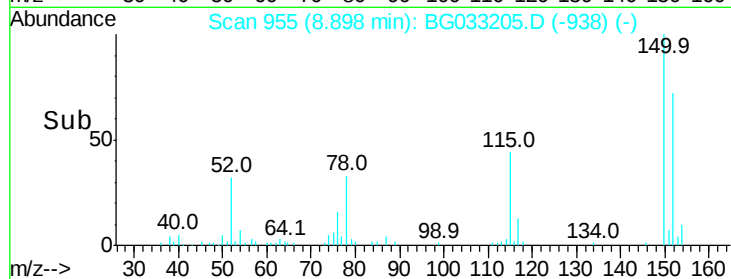
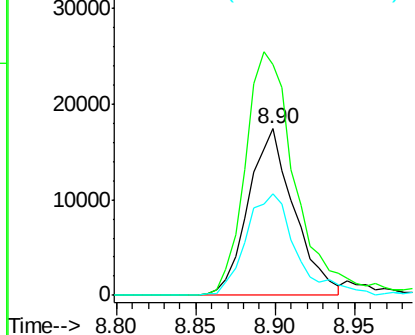
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.90 min Scan# 955
Delta R.T. 0.00 min
Lab File: BG033205.D
Acq: 16 Mar 2018 18:38

Instrument :
BNA_G
ClientSampleId :
4522-24

Tot Ion:152 Resp: 35139
Ion Ratio Lower Upper
152 100
150 138.6 126.6 189.8
115 60.9 53.0 79.4



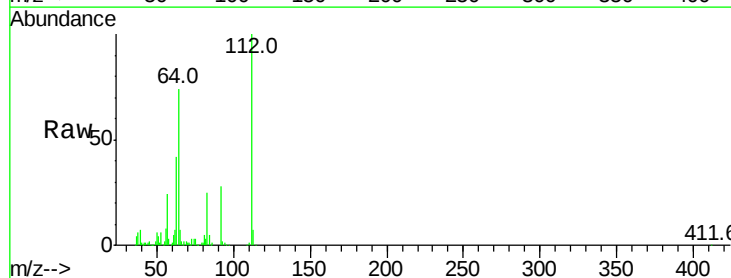
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



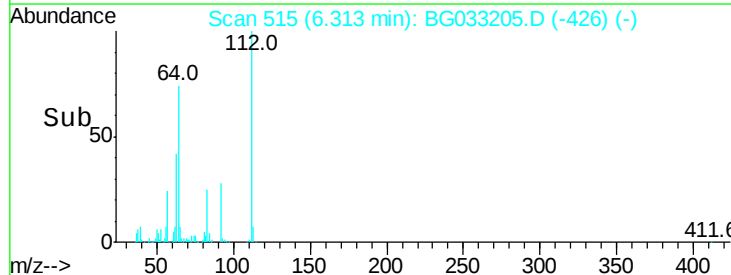
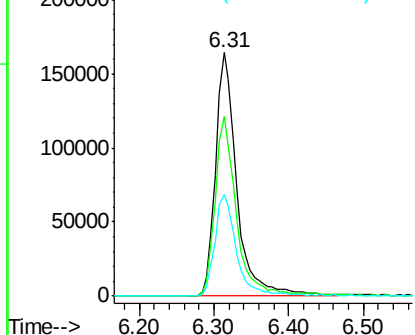
#5

2-Fluorophenol
Concen: 148.973 ng
RT: 6.31 min Scan# 515
Delta R.T. -0.01 min
Lab File: BG033205.D
Acq: 16 Mar 2018 18:38

Tgt Ion:112 Resp: 327202
Ion Ratio Lower Upper
112 100
64 73.7 56.3 84.5
63 41.6 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: 145.344 ng

RT: 8.00 min Scan# 802

Delta R.T. -0.01 min

Lab File: BG033205.D

Acq: 16 Mar 2018 18:38

Instrument :

BNA_G

ClientSampled :

4522-24

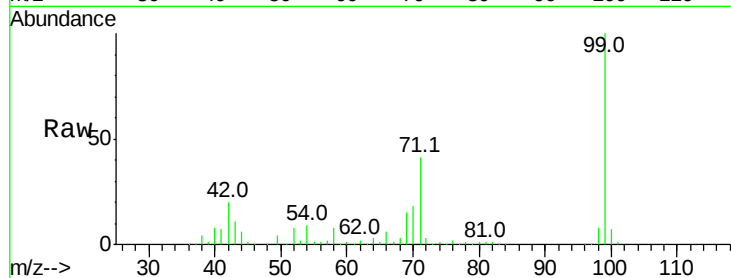
Tot Ion: 99 Resp: 444966

Ion Ratio Lower Upper

99 100

42 19.8 14.1 21.1

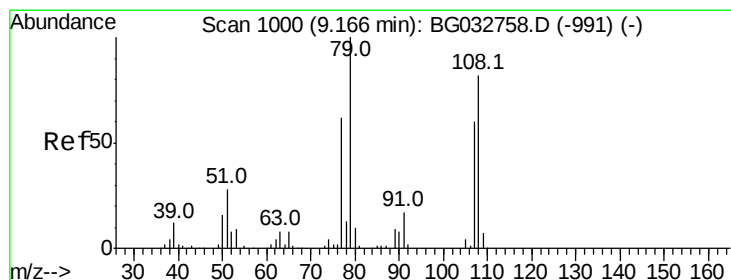
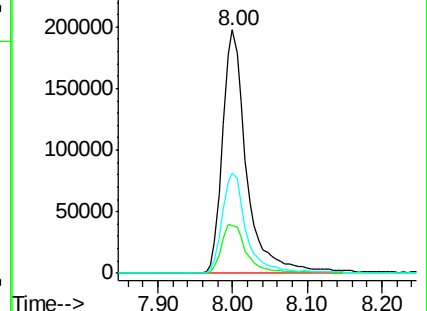
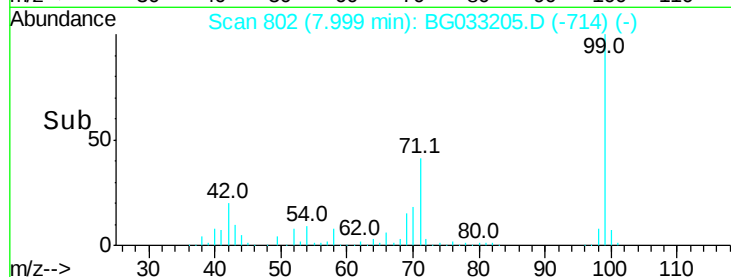
71 41.4 26.1 39.1#



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



#15

Benzyl Alcohol

Concen: 2.573 ng

RT: 9.23 min Scan# 1011

Delta R.T. 0.09 min

Lab File: BG033205.D

Acq: 16 Mar 2018 18:38

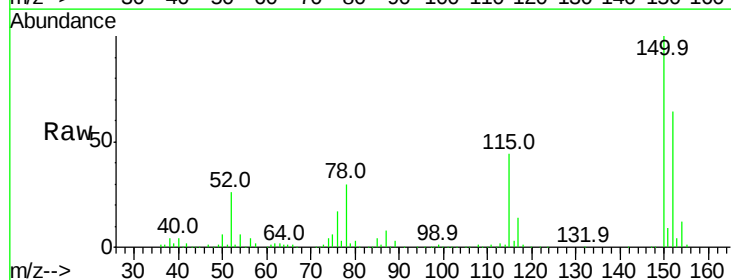
Tgt Ion: 79 Resp: 5790

Ion Ratio Lower Upper

79 100

108 26.6 57.2 85.8#

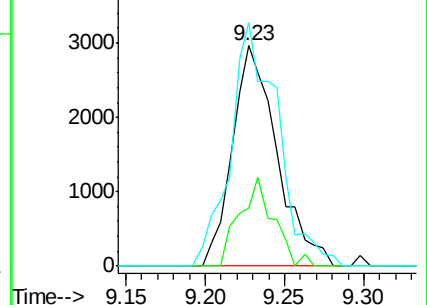
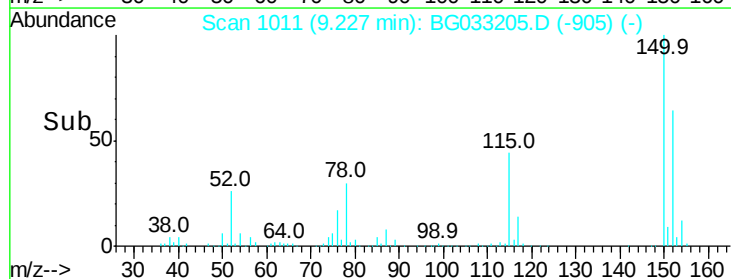
77 110.6 46.1 69.1#

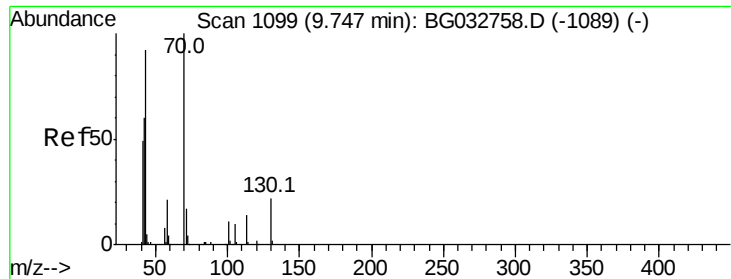


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

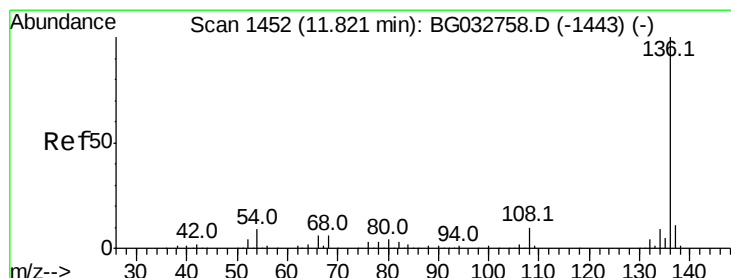
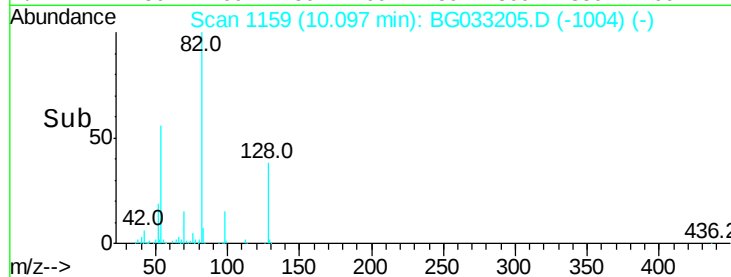
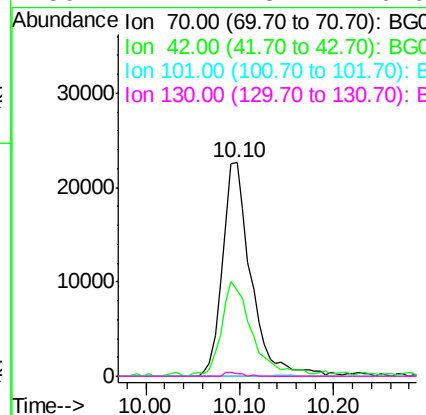
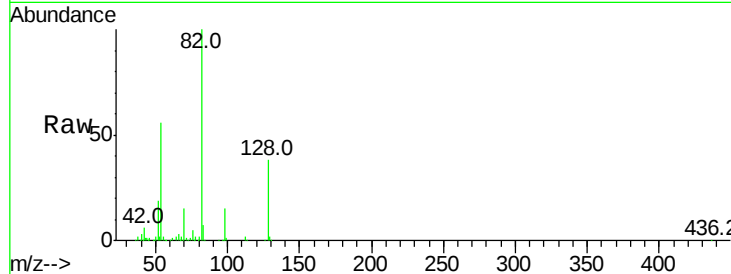




#19
n-Nitroso-di-n-propylamine
Concen: 22.190 ng
RT: 10.10 min Scan# 1159
Delta R.T. 0.38 min
Lab File: BG033205.D
Acq: 16 Mar 2018 18:38

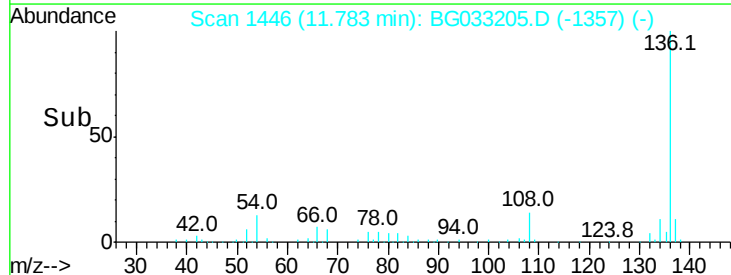
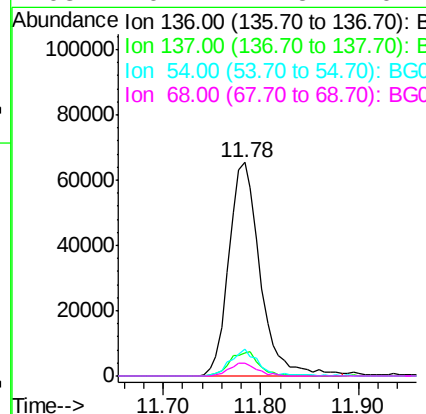
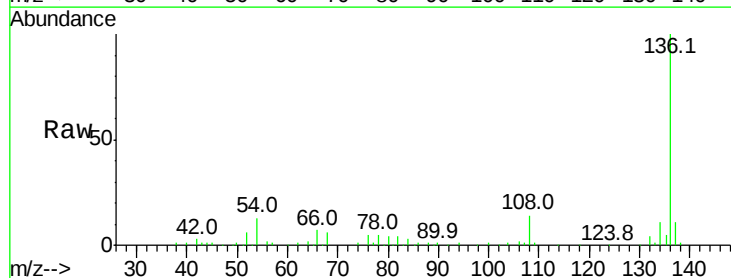
Instrument :
BNA_G
ClientSampleId :
4522-24

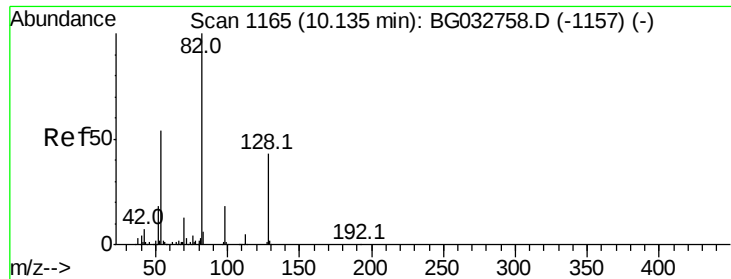
Tot Ion: 70 Resp: 47959
Ion Ratio Lower Upper
70 100
42 40.4 49.1 73.7#
101 0.0 8.5 12.7#
130 1.2 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.78 min Scan# 1446
Delta R.T. -0.00 min
Lab File: BG033205.D
Acq: 16 Mar 2018 18:38

Tgt Ion: 136 Resp: 146018
Ion Ratio Lower Upper
136 100
137 10.6 9.2 13.8
54 12.5 10.3 15.5
68 6.2 4.5 6.7





#23

Nitrobenzene-d5

Concen: 152.545 ng

RT: 10.10 min Scan# 1159

Delta R.T. -0.00 min

Lab File: BG033205.D

Acq: 16 Mar 2018 18:38

Instrument :

BNA_G

ClientSampleId :

4522-24

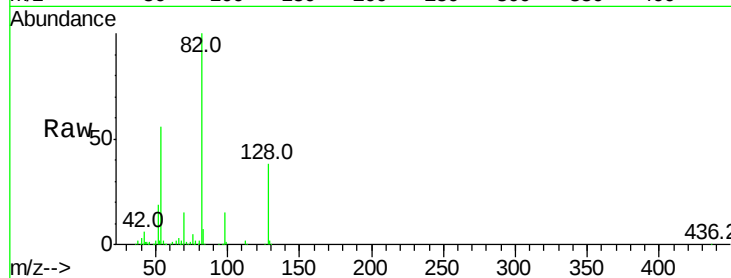
Tot Ion: 82 Resp: 339741

Ion Ratio Lower Upper

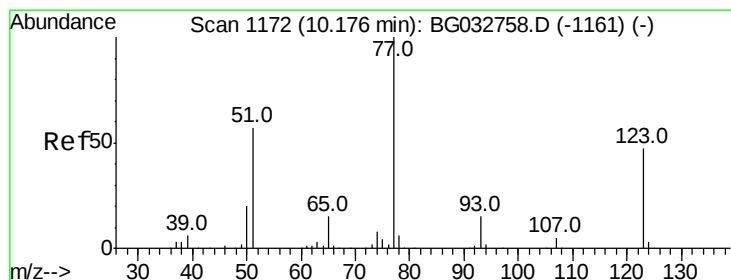
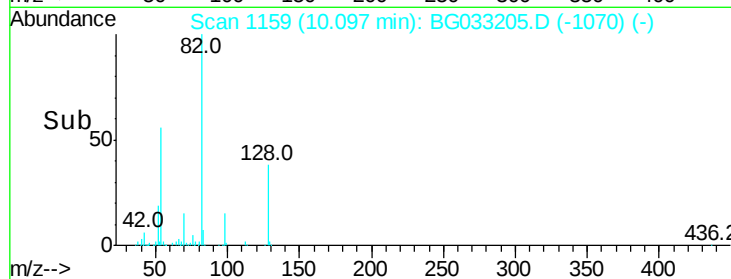
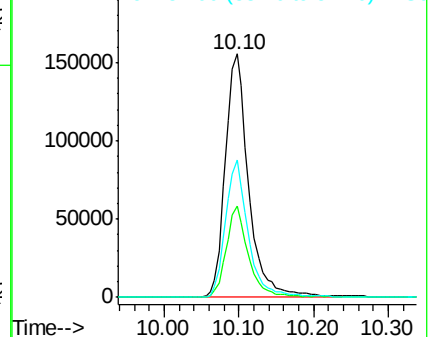
82 100

128 37.7 29.7 44.5

54 56.2 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



#24

Nitrobenzene

Concen: 6.424 ng

RT: 10.14 min Scan# 1166

Delta R.T. -0.00 min

Lab File: BG033205.D

Acq: 16 Mar 2018 18:38

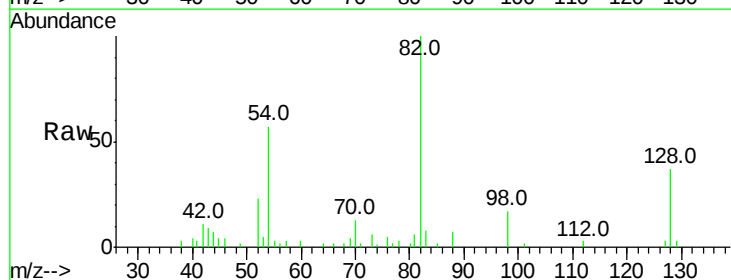
Tgt Ion: 77 Resp: 118

Ion Ratio Lower Upper

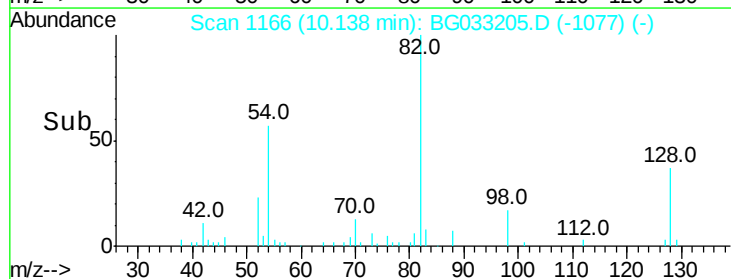
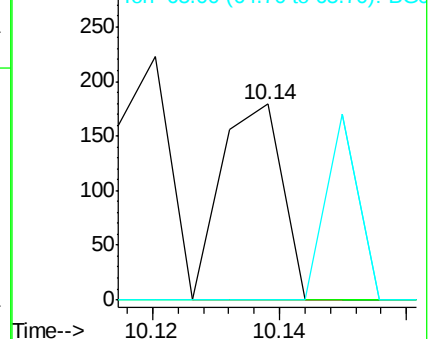
77 100

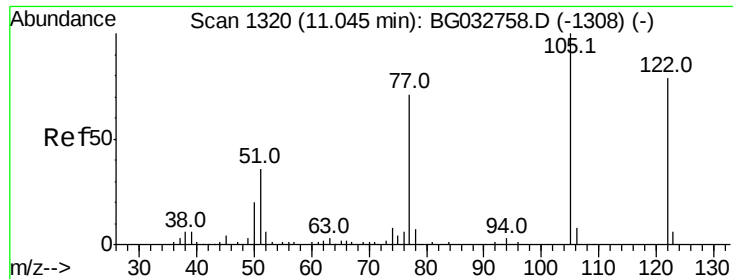
123 0.0 33.0 49.6#

65 0.0 13.0 19.6#



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#32

Benzoic acid

Concen: 5.863 ng

RT: 11.08 min Scan# 1327

Delta R.T. 0.11 min

Lab File: BG033205.D

Acq: 16 Mar 2018 18:38

Instrument :

BNA_G

ClientSampled :

4522-24

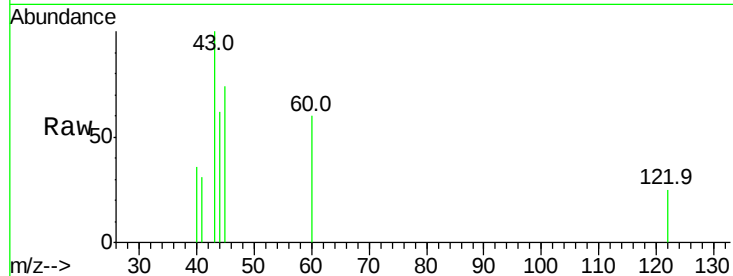
Tot Ion:122 Resp: 55

Ion Ratio Lower Upper

122 100

105 0.0 123.5 163.5#

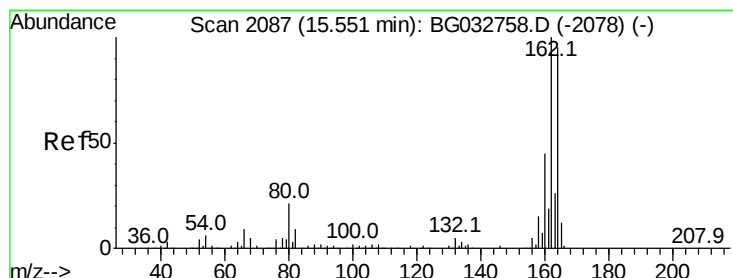
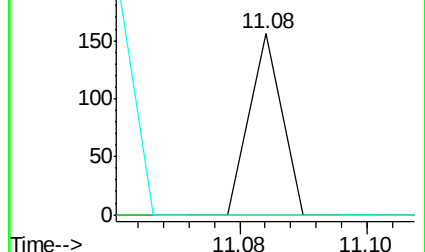
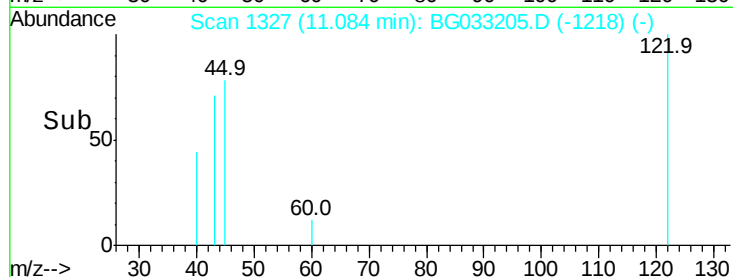
77 0.0 85.7 125.7#



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): B



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.51 min Scan# 2081

Delta R.T. -0.00 min

Lab File: BG033205.D

Acq: 16 Mar 2018 18:38

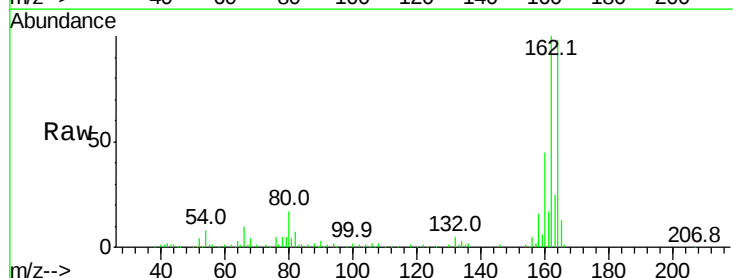
Tgt Ion:164 Resp: 108395

Ion Ratio Lower Upper

164 100

162 102.0 78.8 118.2

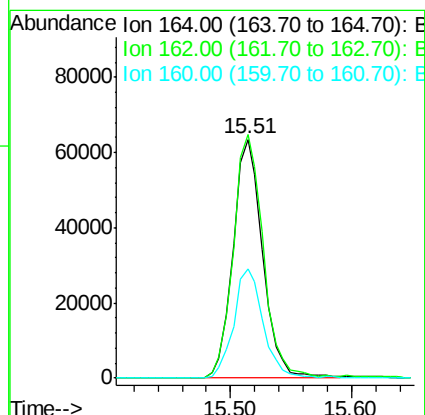
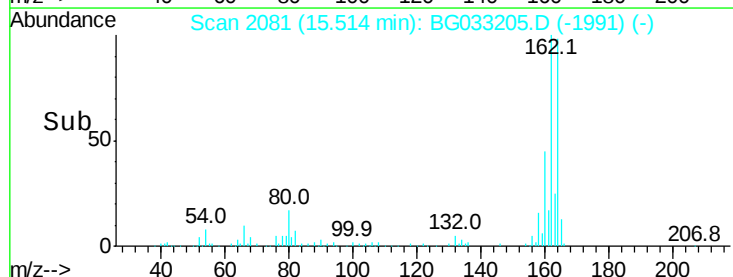
160 45.7 35.4 53.0

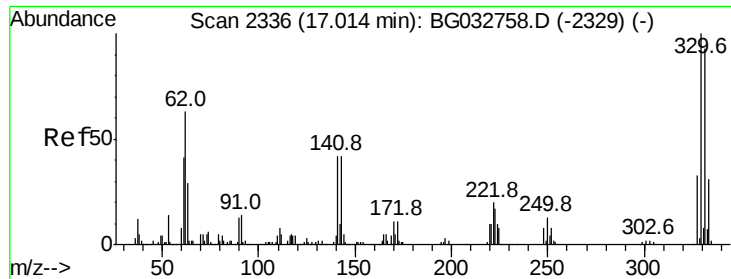


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

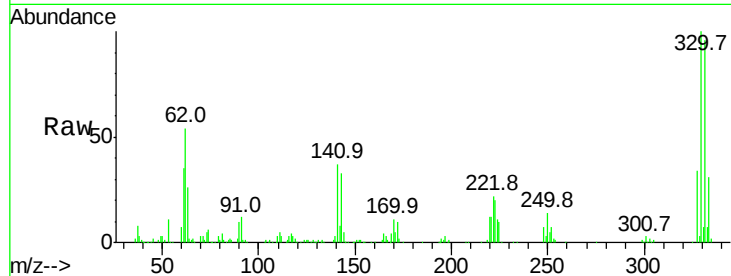




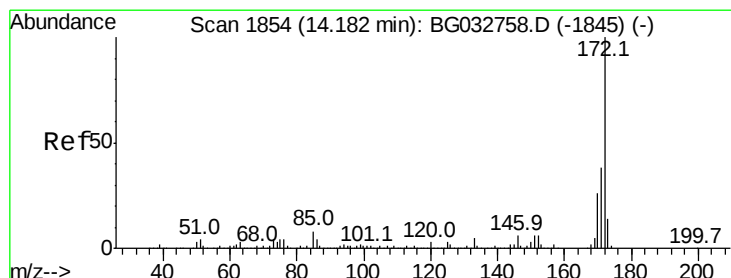
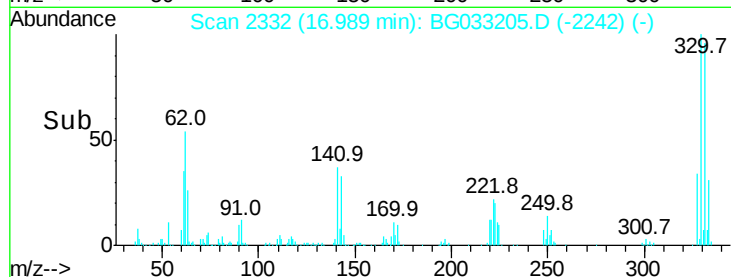
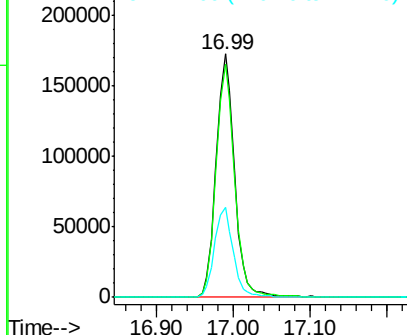
#41
 2,4,6-Tribromophenol
 Concen: 250.035 ng
 RT: 16.99 min Scan# 2332
 Delta R.T. -0.00 min
 Lab File: BG033205.D
 Acq: 16 Mar 2018 18:38

Instrument :
 BNA_G
 ClientSampleId :
 4522-24

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	37.5	25.2	37.8

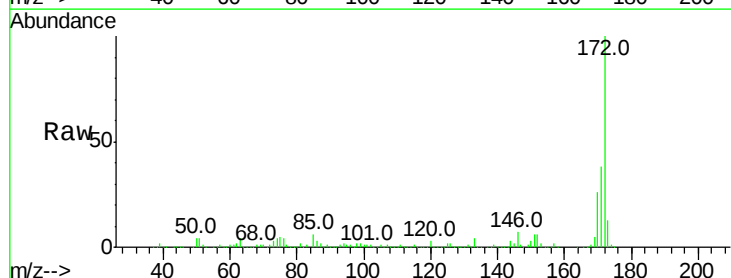


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

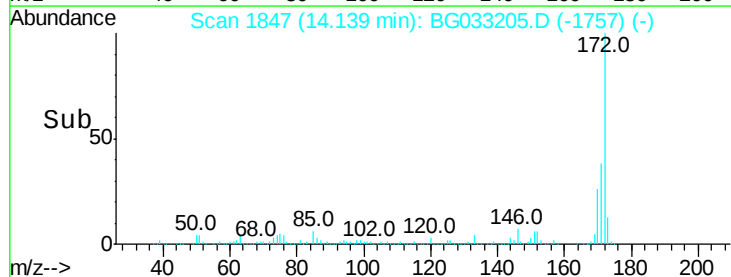
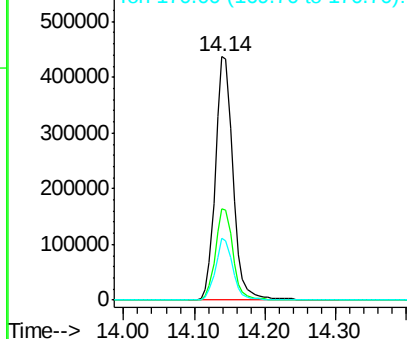


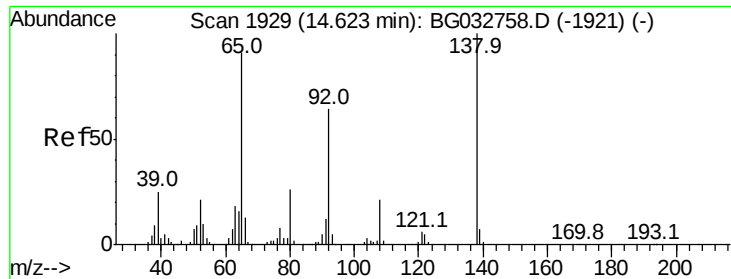
#44
 2-Fluorobiphenyl
 Concen: 101.477 ng
 RT: 14.14 min Scan# 1847
 Delta R.T. -0.00 min
 Lab File: BG033205.D
 Acq: 16 Mar 2018 18:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.0	45.0
170	25.6	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





#47

2-Nitroaniline

Concen: 9.860 ng

RT: 14.64 min Scan# 1933

Delta R.T. 0.04 min

Lab File: BG033205.D

Acq: 16 Mar 2018 18:38

Instrument :

BNA_G

ClientSampleId :

4522-24

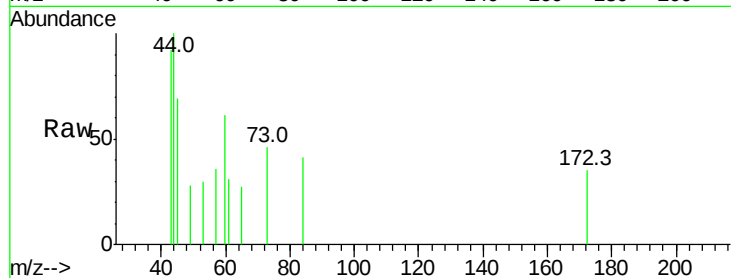
Tot Ion: 65 Resp: 55

Ion Ratio Lower Upper

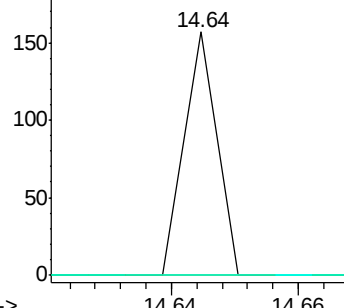
65 100

92 0.0 54.6 82.0#

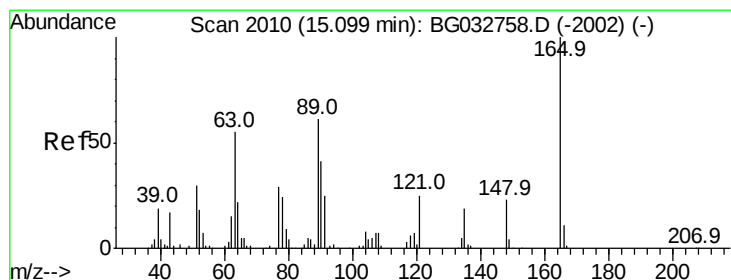
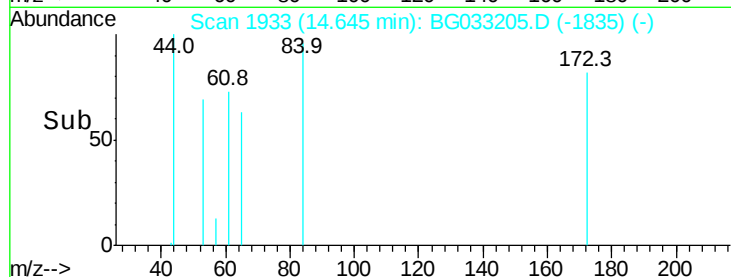
138 0.0 72.9 109.3#



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



Time-->



#50

2,6-Dinitrotoluene

Concen: 16.047 ng

RT: 15.51 min Scan# 2081

Delta R.T. 0.44 min

Lab File: BG033205.D

Acq: 16 Mar 2018 18:38

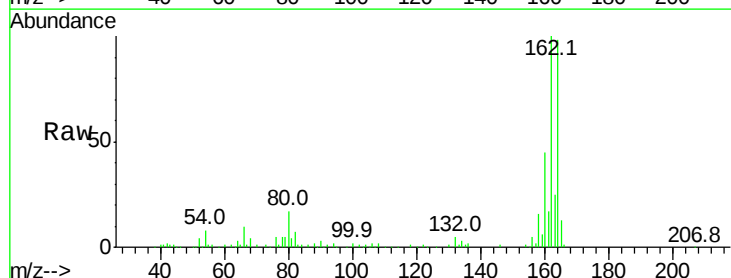
Tgt Ion: 165 Resp: 13368

Ion Ratio Lower Upper

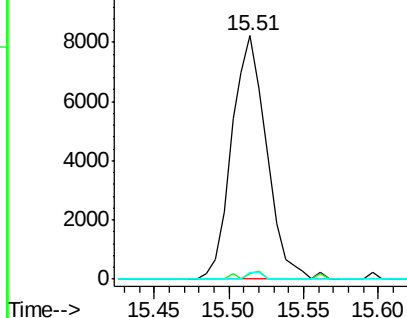
165 100

63 2.5 52.7 79.1#

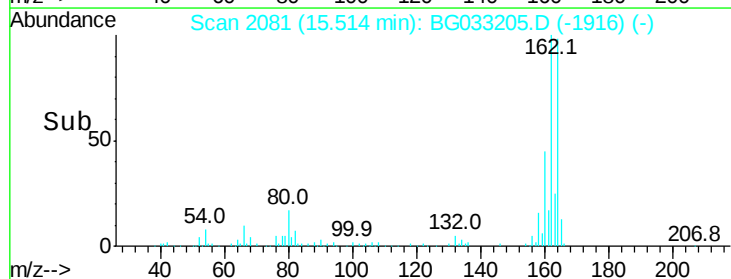
89 2.8 49.2 73.8#

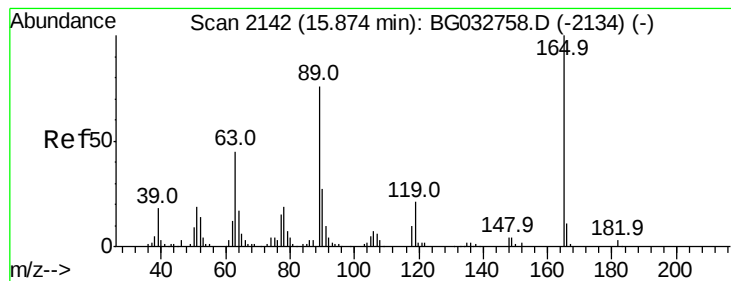


Abundance Ion 165.00 (164.70 to 165.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC



Time-->





#56

2,4-Dinitrotoluene

Concen: 14.242 ng

RT: 15.51 min Scan# 2081

Delta R.T. -0.34 min

Lab File: BG033205.D

Acq: 16 Mar 2018 18:38

Instrument :

BNA_G

ClientSampleId :

4522-24

Tot Ion:165 Resp: 13368

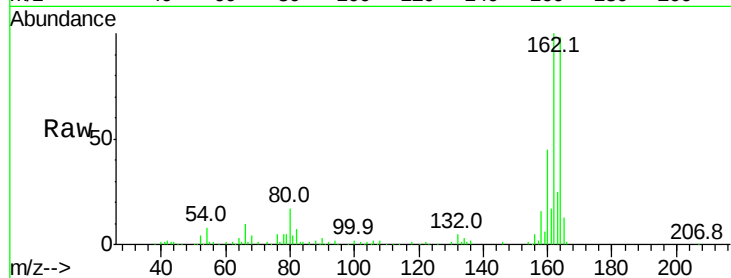
Ion Ratio Lower Upper

165 100

63 2.5 42.0 63.0#

89 2.8 66.9 100.3#

182 0.0 2.6 3.8#

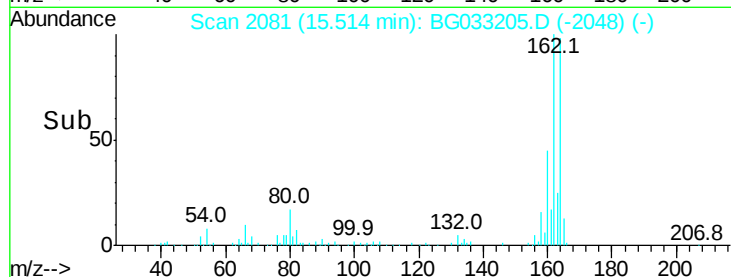


Abundance Ion 165.00 (164.70 to 165.70): E

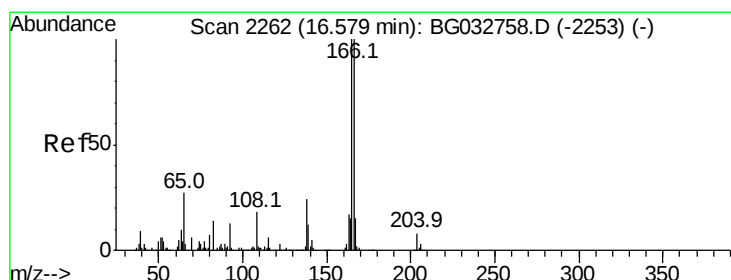
Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



Time-->



#61

4-Nitroaniline

Concen: 5.324 ng

RT: 16.69 min Scan# 2281

Delta R.T. 0.13 min

Lab File: BG033205.D

Acq: 16 Mar 2018 18:38

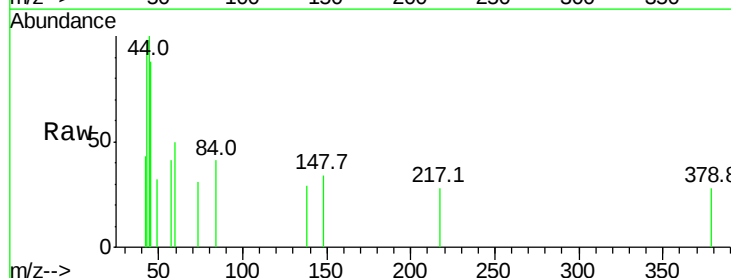
Tgt Ion:138 Resp: 55

Ion Ratio Lower Upper

138 100

92 0.0 40.1 80.1#

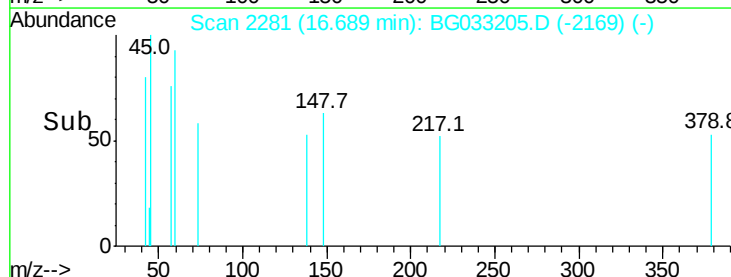
108 0.0 65.4 105.4#



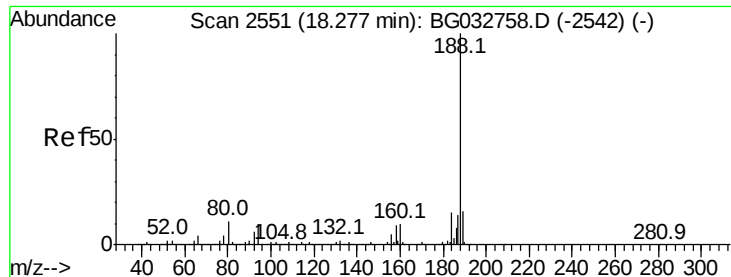
Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



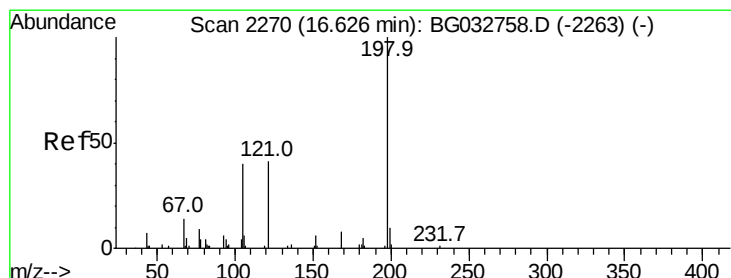
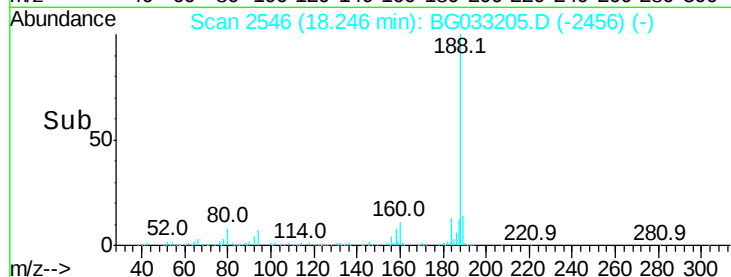
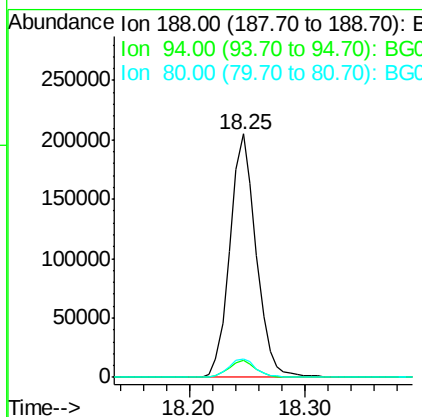
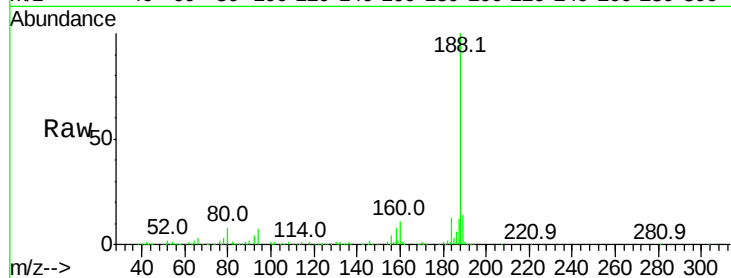
Time-->



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.25 min Scan# 2546
Delta R.T. -0.00 min
Lab File: BG033205.D
Acq: 16 Mar 2018 18:38

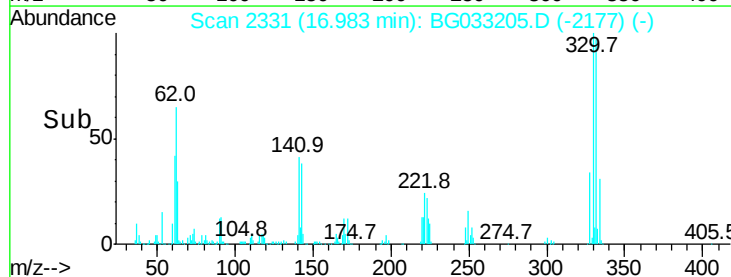
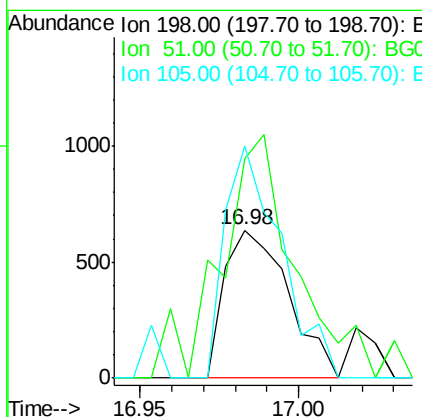
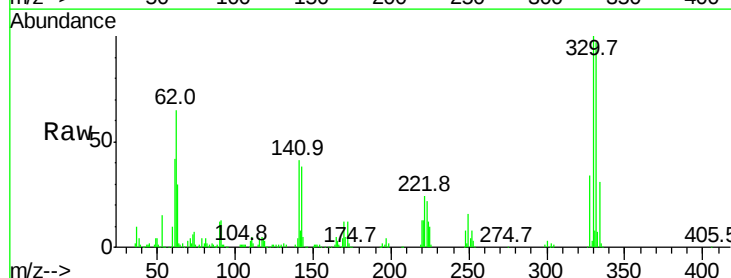
Instrument :
BNA_G
ClientSampled :
4522-24

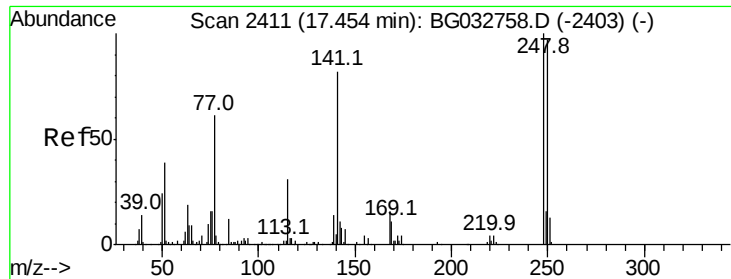
Tot Ion:188 Resp: 322770
Ion Ratio Lower Upper
188 100
94 7.1 6.9 10.3
80 7.6 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 6.109 ng
RT: 16.98 min Scan# 2331
Delta R.T. 0.37 min
Lab File: BG033205.D
Acq: 16 Mar 2018 18:38

Tgt Ion:198 Resp: 884
Ion Ratio Lower Upper
198 100
51 27.4 30.6 70.6#
105 29.0 23.8 63.8

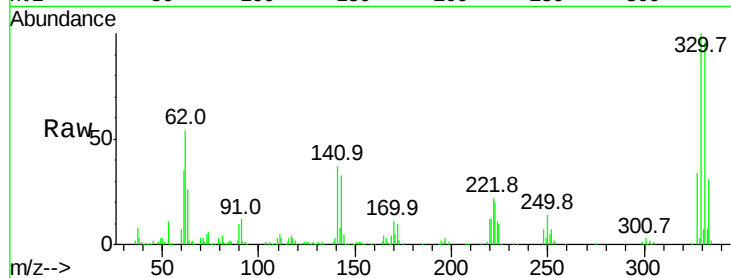




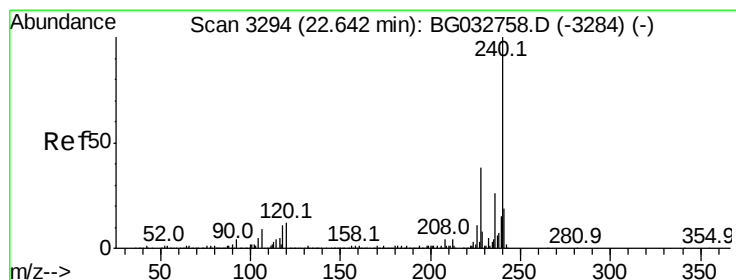
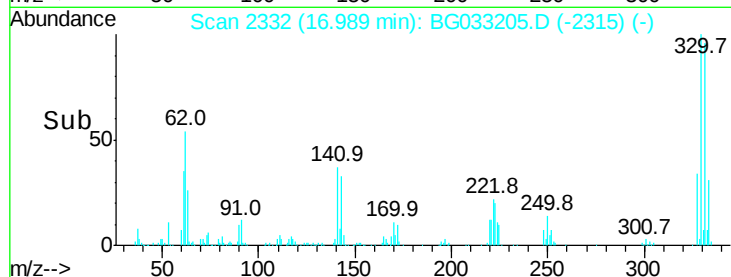
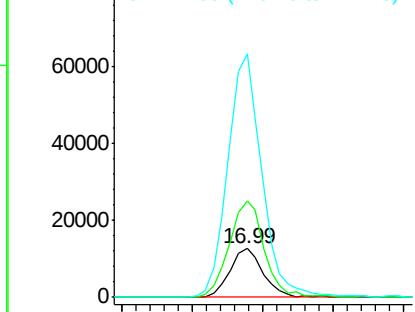
#66
4-Bromophenyl-phenylether
Concen: 6.141 ng
RT: 16.99 min Scan# 2332
Delta R.T. -0.43 min
Lab File: BG033205.D
Acq: 16 Mar 2018 18:38

Instrument :
BNA_G
ClientSampleId :
4522-24

Tot Ion:248 Resp: 20958
Ion Ratio Lower Upper
248 100
250 196.3 77.1 115.7#
141 497.2 50.8 76.2#

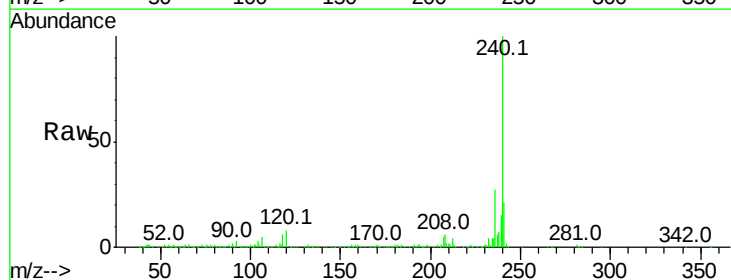


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

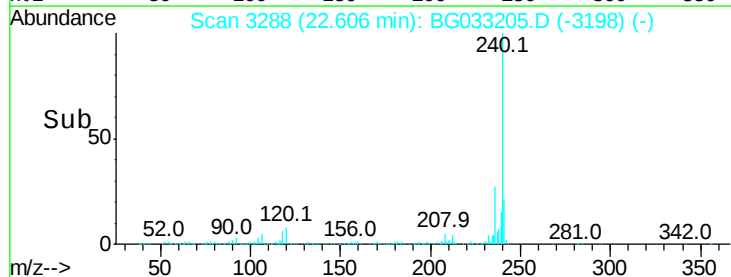
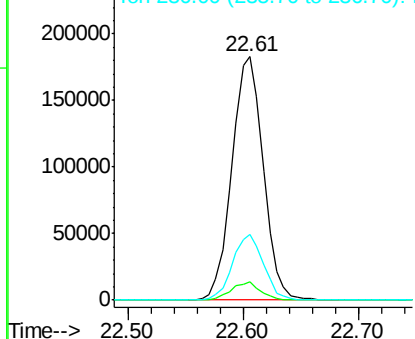


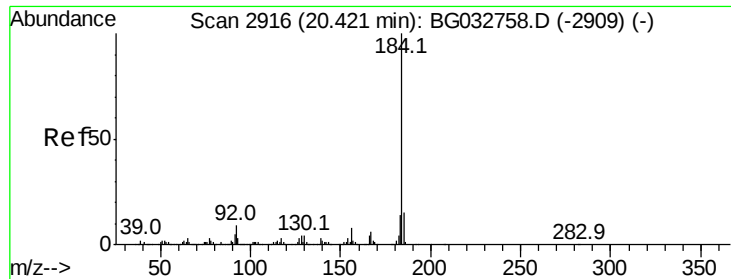
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.61 min Scan# 3288
Delta R.T. -0.00 min
Lab File: BG033205.D
Acq: 16 Mar 2018 18:38

Tgt Ion:240 Resp: 343335
Ion Ratio Lower Upper
240 100
120 7.7 6.8 10.2
236 26.7 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

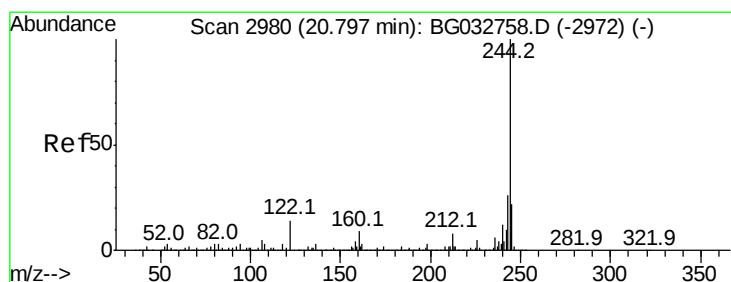
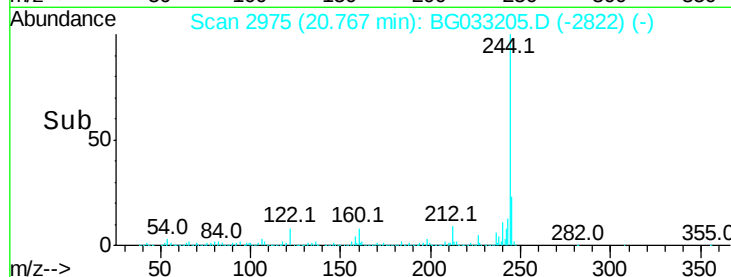
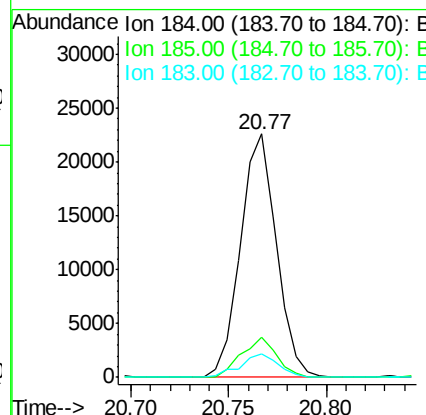
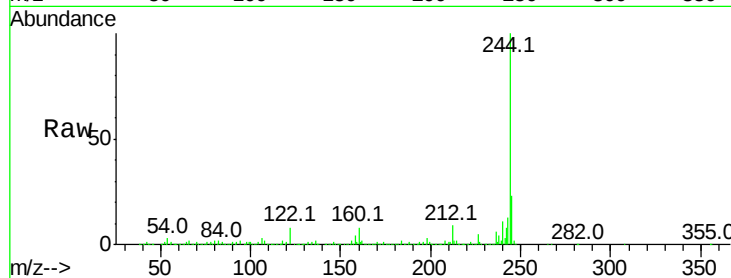




#76
Benzidine
Concen: 2.462 ng
RT: 20.77 min Scan# 2975
Delta R.T. 0.37 min
Lab File: BG033205.D
Acq: 16 Mar 2018 18:38

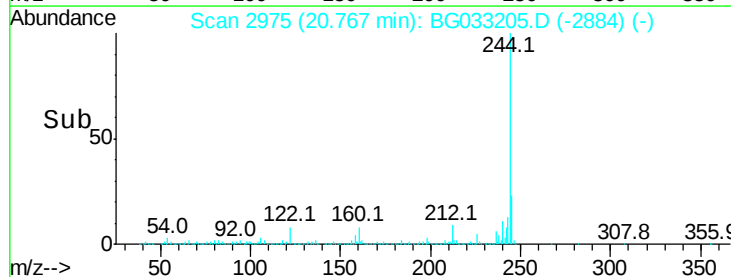
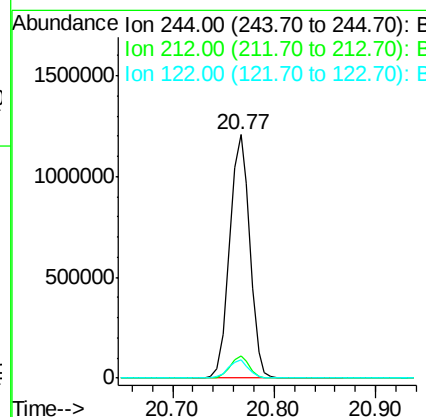
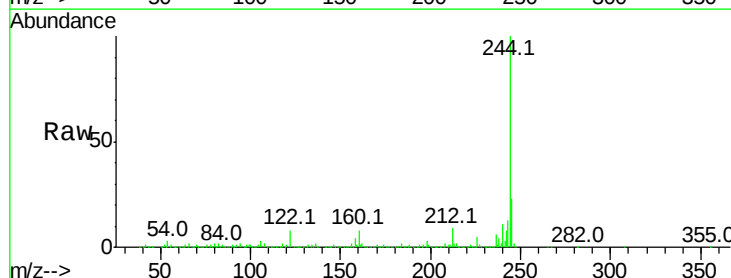
Instrument :
BNA_G
ClientSampleId :
4522-24

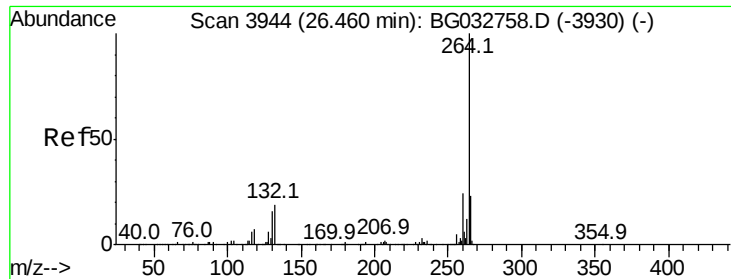
Tot Ion:184 Resp: 28810
Ion Ratio Lower Upper
184 100
185 16.6 11.1 16.7
183 9.7 10.6 16.0#



#78
Terphenyl-d14
Concen: 108.502 ng
RT: 20.77 min Scan# 2975
Delta R.T. 0.00 min
Lab File: BG033205.D
Acq: 16 Mar 2018 18:38

Tgt Ion:244 Resp: 1658076
Ion Ratio Lower Upper
244 100
212 9.0 5.8 8.8#
122 7.7 7.0 10.4





#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.41 min Scan# 3936
Delta R.T. 0.00 min
Lab File: BG033205.D
Acq: 16 Mar 2018 18:38

Instrument :
BNA_G
ClientSampleId :
4522-24

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	17.4	26.0
265	23.1	17.7	26.5

