

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031418\
 Data File : BG033149.D
 Acq On : 14 Mar 2018 16:30
 Operator : SJ/JU
 Sample : J1885-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 14 17:44:05 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

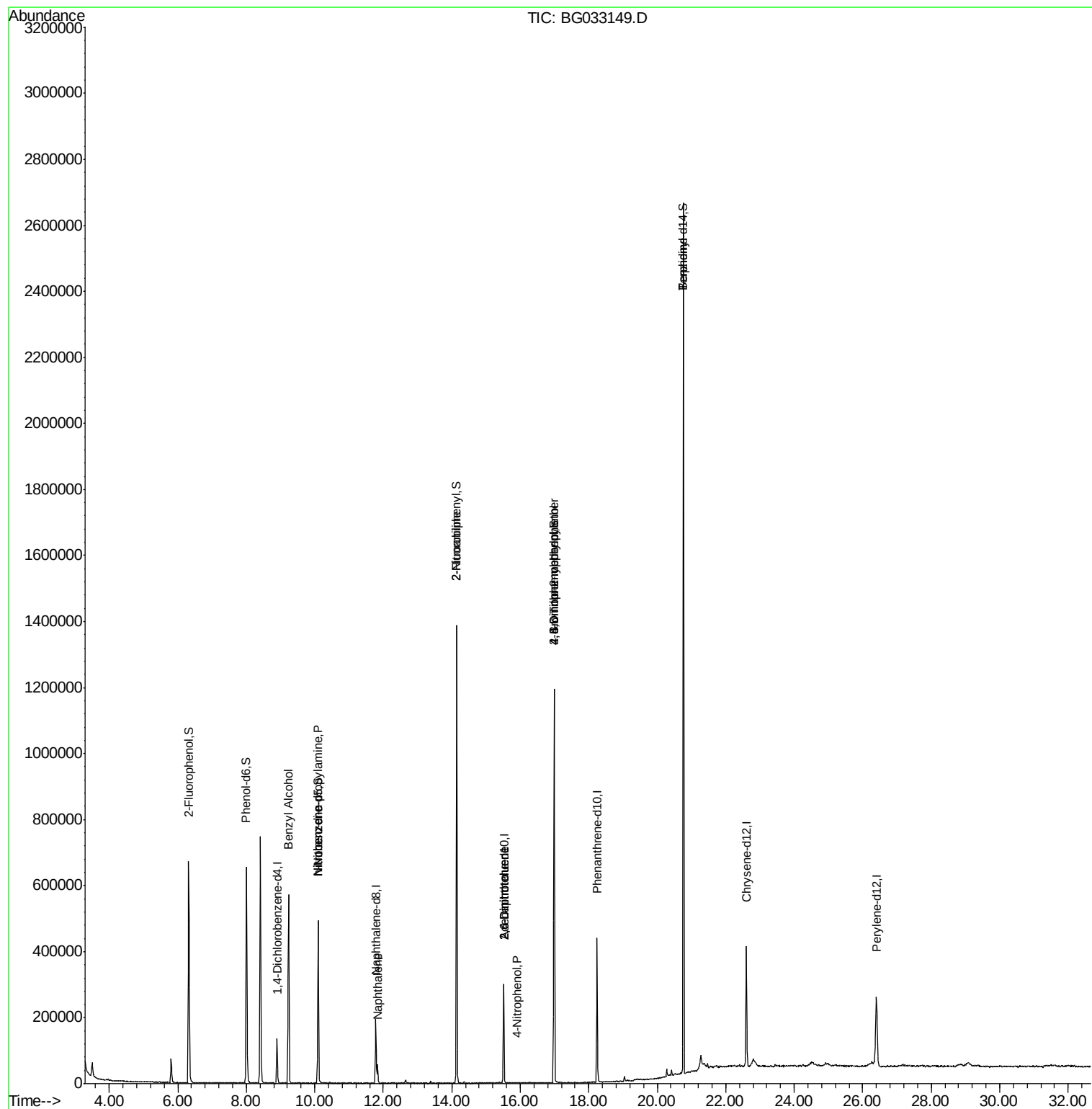
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	38335	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	170319	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	103519	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	265287	20.00	ng	0.00
75) Chrysene-d12	22.60	240	241499	20.00	ng	-0.01
86) Perylene-d12	26.40	264	254983	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.32	112	326929	136.44	ng	0.00
7) Phenol-d6	8.00	99	414390	124.07	ng	0.00
23) Nitrobenzene-d5	10.10	82	310889	121.81	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	229708	211.04	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	701228	97.70	ng	0.00
78) Terphenyl-d14	20.76	244	1211029	112.67	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.23	79	5061	2.061	ng	# 41
19) n-Nitroso-di-n-propylamine	10.10	70	43113	18.285	ng	# 82
24) Nitrobenzene	10.10	77	1122	6.739	ng	# 42
31) Naphthalene	11.83	128	48269	5.424	ng	# 98
47) 2-Nitroaniline	14.14	65	1493	10.532	ng	# 1
50) 2,6-Dinitrotoluene	15.51	165	13968	16.719	ng	# 22
55) 4-Nitrophenol	15.91	139	300	7.271	ng	# 1
56) 2,4-Dinitrotoluene	15.51	165	13968	14.919	ng	# 20
64) 4,6-Dinitro-2-methylphenol	16.99	198	575	5.869	ng	# 1
66) 4-Bromophenyl-phenylether	16.99	248	15531	5.537	ng	# 1
76) Benzydine	20.76	184	20919	2.541	ng	# 88

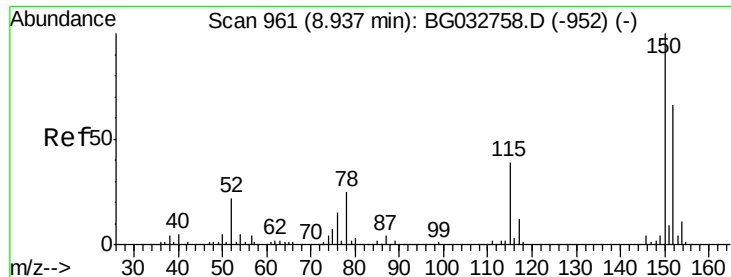
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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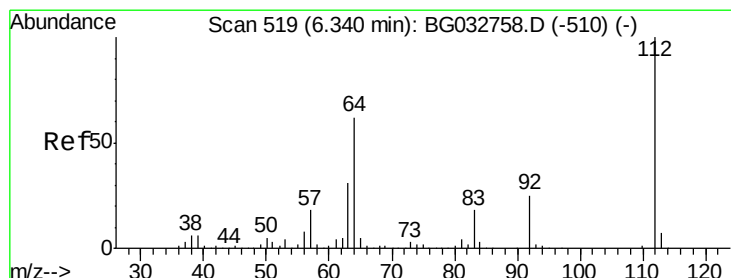
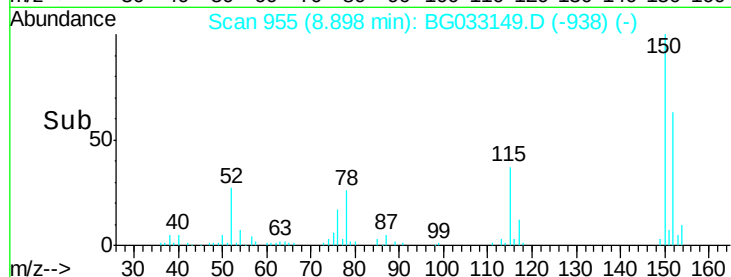
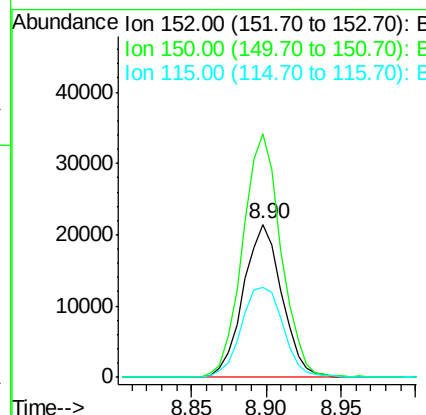
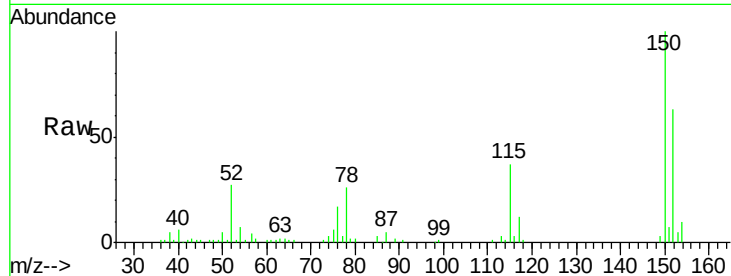


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.90 min Scan# 955
Delta R.T. 0.00 min
Lab File: BG033149.D
Acq: 14 Mar 2018 16:30

Instrument :
BNA_G
ClientSampleId :

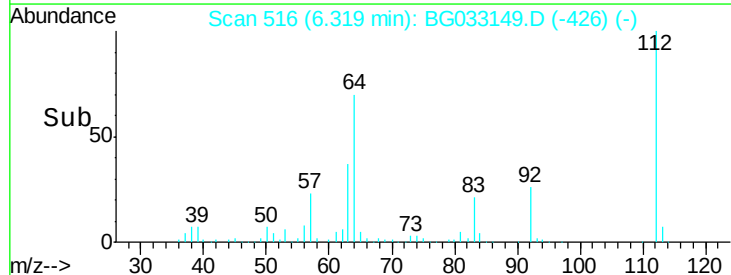
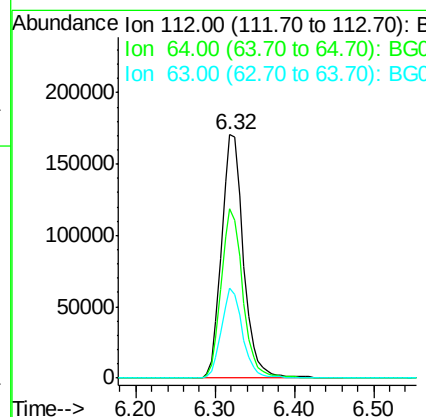
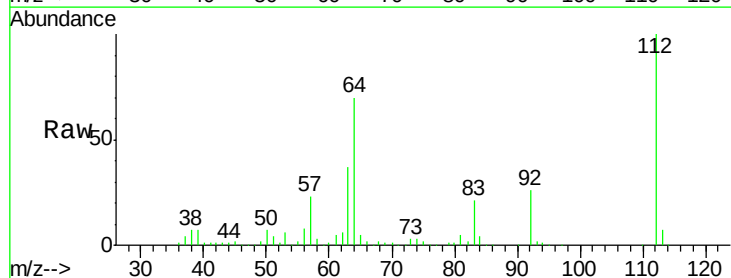
Tot Ion:152 Resp: 38335
Ion Ratio Lower Upper
152 100
150 159.2 126.6 189.8
115 59.0 53.0 79.4

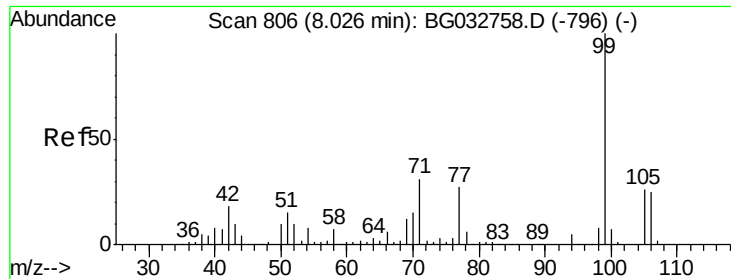


#5

2-Fluorophenol
Concen: 136.439 ng
RT: 6.32 min Scan# 516
Delta R.T. 0.00 min
Lab File: BG033149.D
Acq: 14 Mar 2018 16:30

Tgt Ion:112 Resp: 326929
Ion Ratio Lower Upper
112 100
64 69.8 56.3 84.5
63 37.1 30.1 45.1





#7

Phenol-d6

Concen: 124.072 ng

RT: 8.00 min Scan# 803

Delta R.T. -0.01 min

Lab File: BG033149.D

Acq: 14 Mar 2018 16:30

Instrument :

BNA_G

ClientSampled :

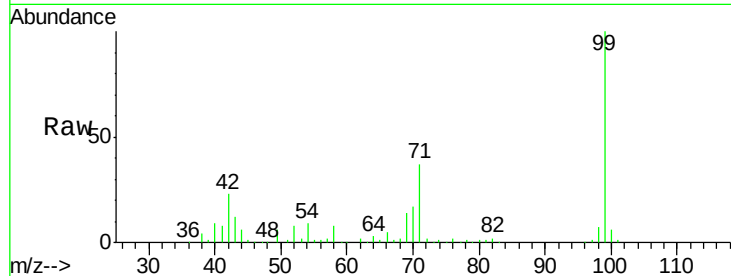
Tot Ion: 99 Resp: 414390

Ion Ratio Lower Upper

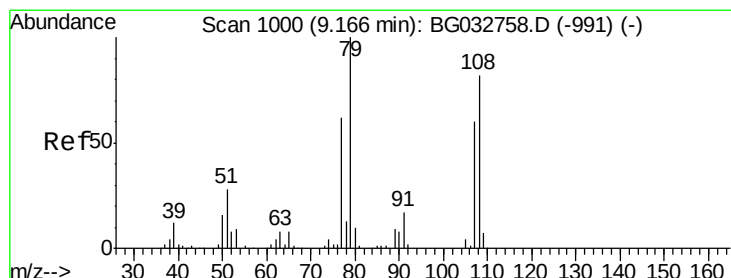
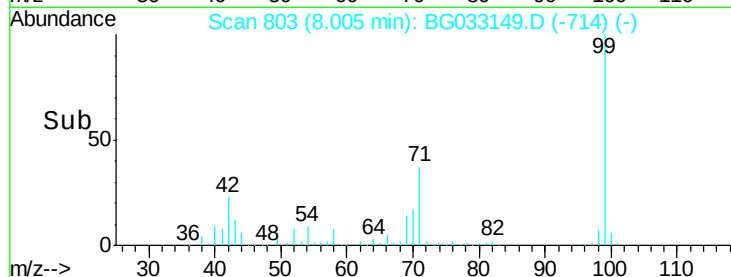
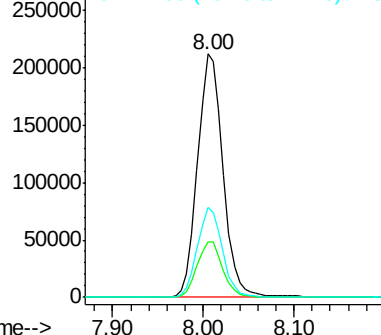
99 100

42 23.0 14.1 21.1#

71 36.9 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: 2.061 ng

RT: 9.23 min Scan# 1012

Delta R.T. 0.10 min

Lab File: BG033149.D

Acq: 14 Mar 2018 16:30

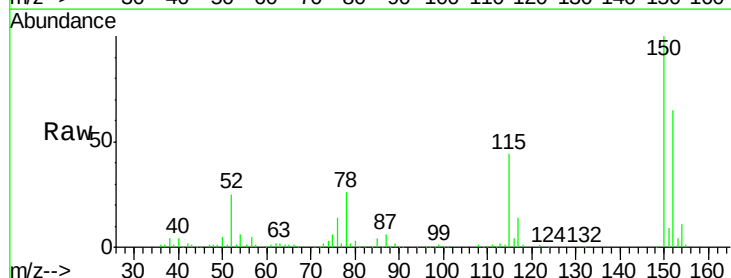
Tgt Ion: 79 Resp: 5061

Ion Ratio Lower Upper

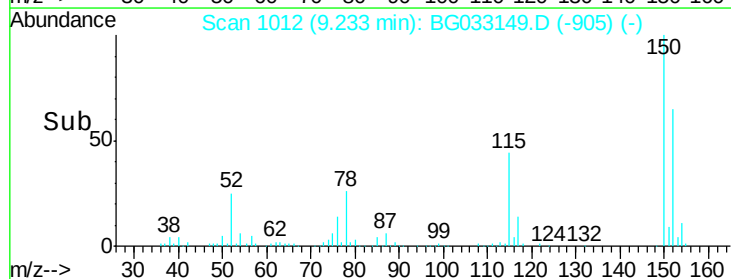
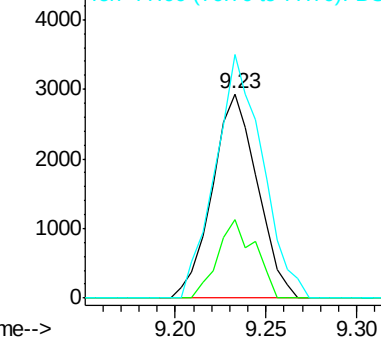
79 100

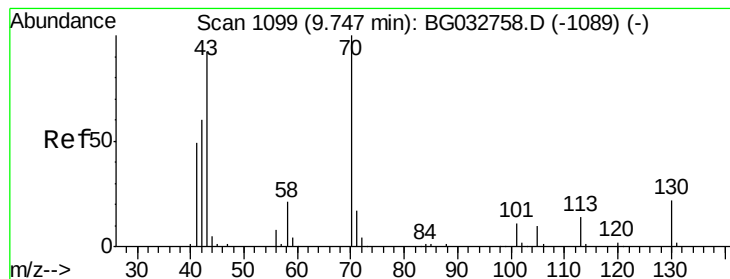
108 38.3 57.2 85.8#

77 119.1 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: 18.285 ng

RT: 10.10 min Scan# 1159

Delta R.T. 0.38 min

Lab File: BG033149.D

Acq: 14 Mar 2018 16:30

Instrument :

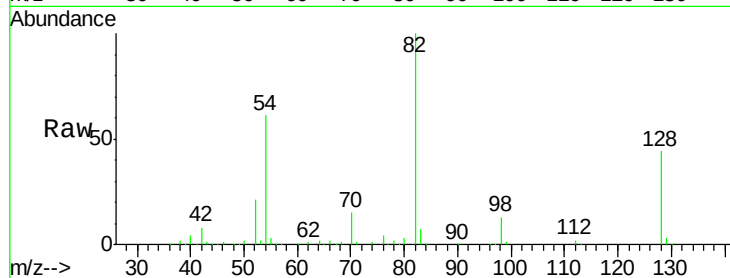
BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 43113

Ion Ratio Lower Upper

70	100		
42	52.4	49.1	73.7
101	0.0	8.5	12.7
130	2.4	13.4	20.0

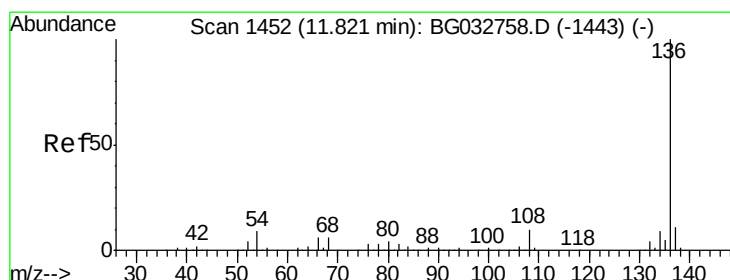
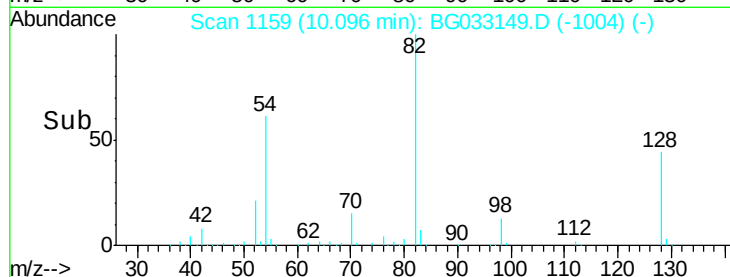
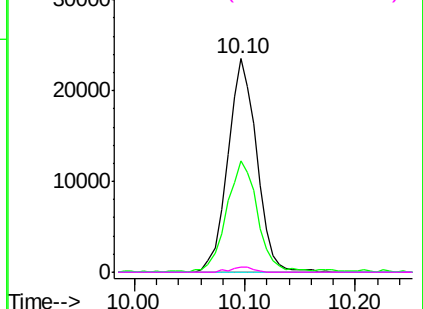


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.78 min Scan# 1446

Delta R.T. -0.01 min

Lab File: BG033149.D

Acq: 14 Mar 2018 16:30

Tgt Ion: 136 Resp: 170319

Ion Ratio Lower Upper

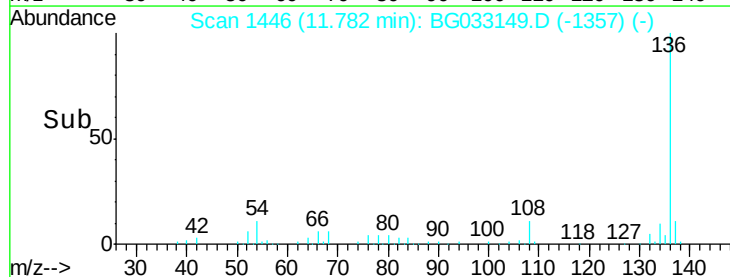
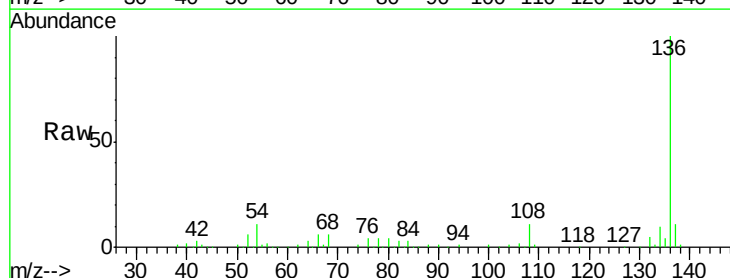
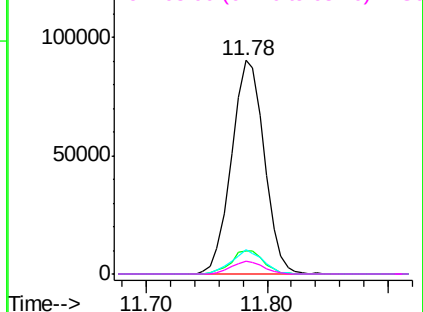
136	100		
137	10.6	9.2	13.8
54	11.2	10.3	15.5
68	5.9	4.5	6.7

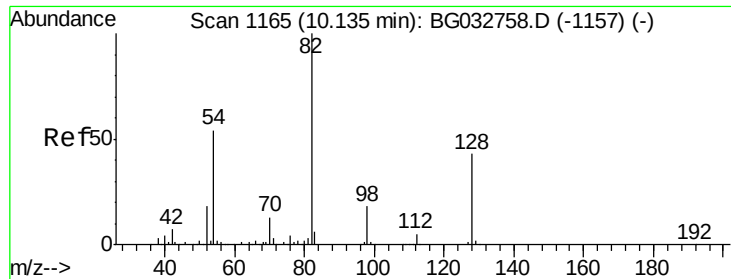
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

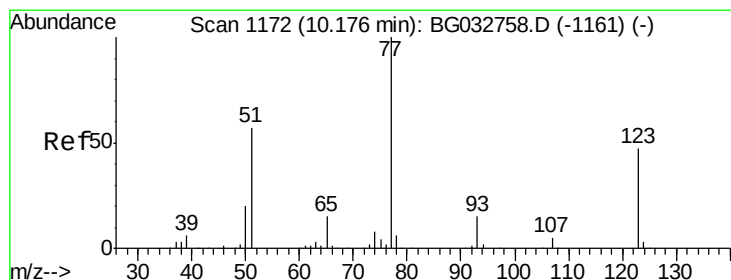
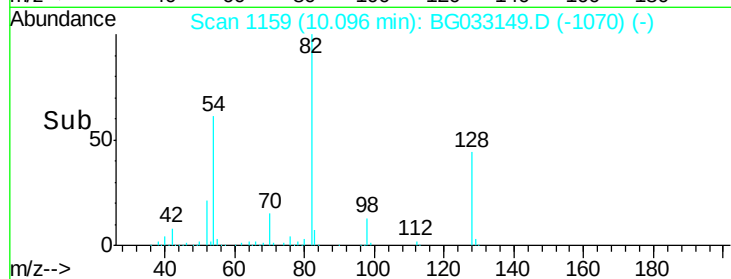
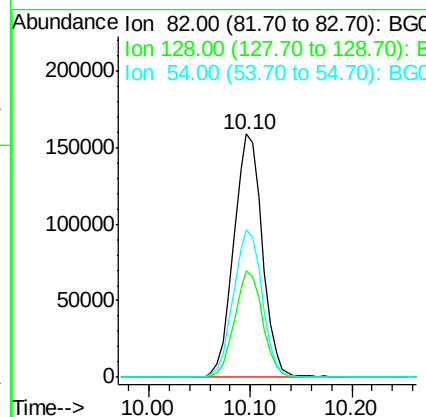
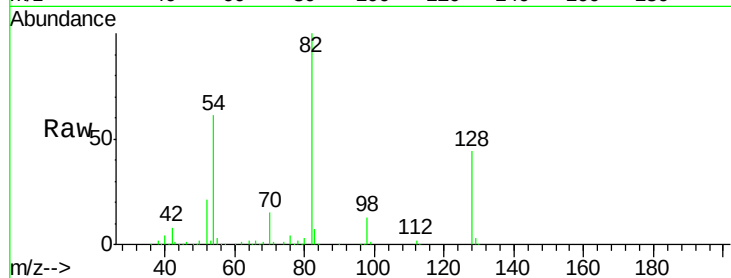




#23
 Nitrobenzene-d5
 Concen: 121.810 ng
 RT: 10.10 min Scan# 1159
 Delta R.T. -0.01 min
 Lab File: BG033149.D
 Acq: 14 Mar 2018 16:30

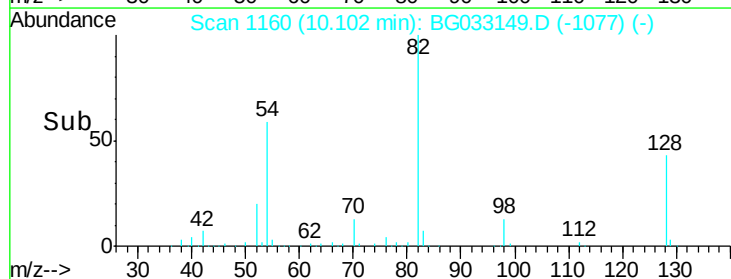
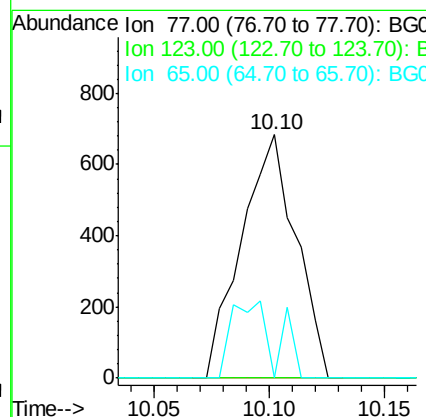
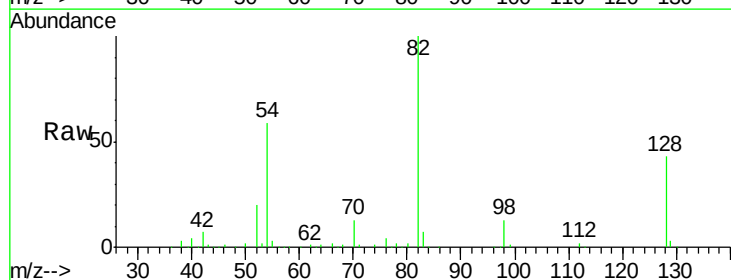
Instrument :
 BNA_G
 ClientSampleId :

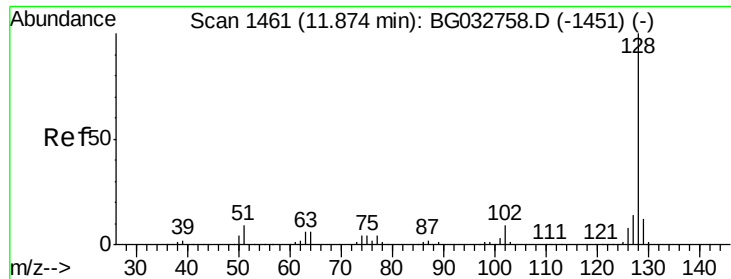
Tot Ion	82	Resp	310889
Ion Ratio	Lower	Upper	
82	100		
128	43.8	29.7	44.5
54	60.7	43.1	64.7



#24
 Nitrobenzene
 Concen: 6.739 ng
 RT: 10.10 min Scan# 1160
 Delta R.T. -0.04 min
 Lab File: BG033149.D
 Acq: 14 Mar 2018 16:30

Tgt Ion	77	Resp	1122
Ion Ratio	Lower	Upper	
77	100		
123	0.0	33.0	49.6#
65	0.0	13.0	19.6#

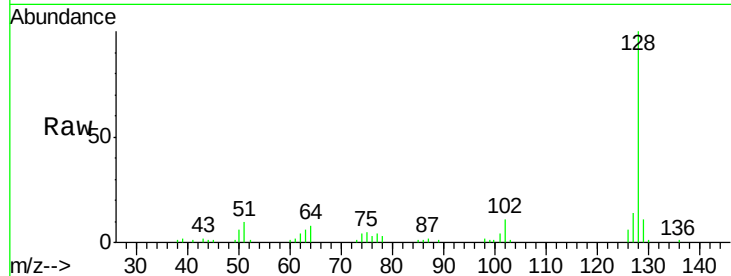




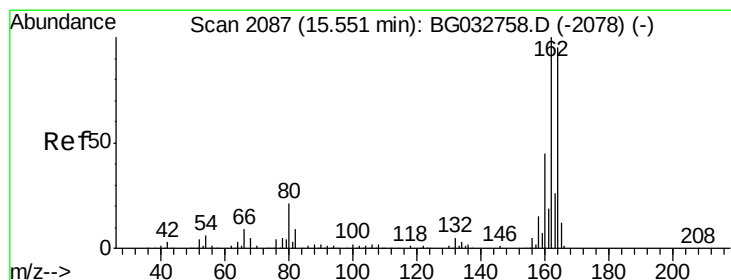
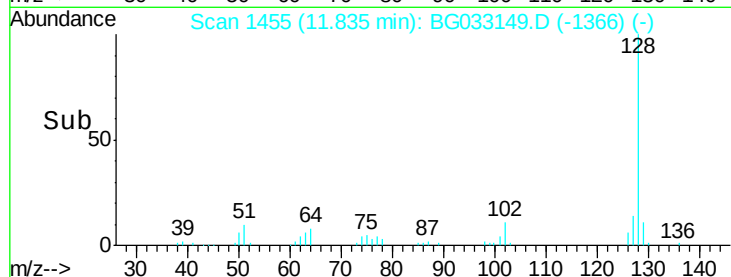
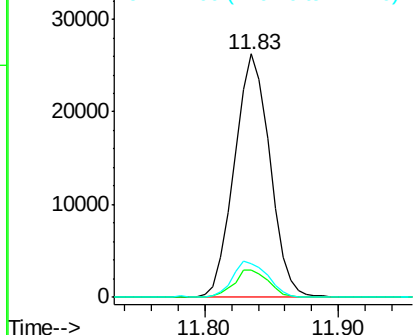
#31
Naphthalene
Concen: 5.424 ng
RT: 11.83 min Scan# 1455
Delta R.T. -0.01 min
Lab File: BG033149.D
Acq: 14 Mar 2018 16:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 48269
Ion Ratio Lower Upper
128 100
129 11.3 8.6 12.8
127 13.7 11.6 17.4

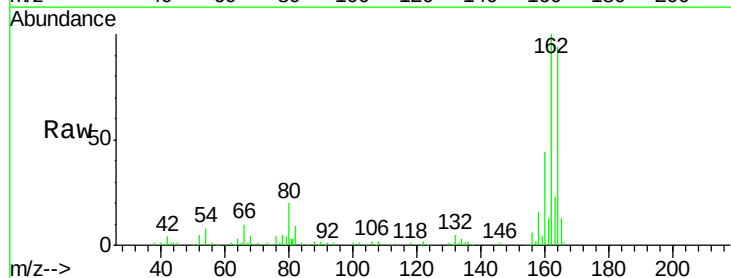


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

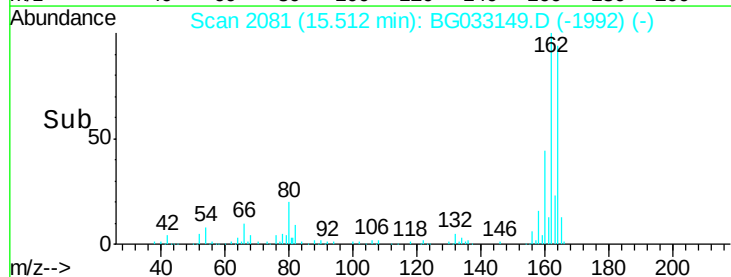
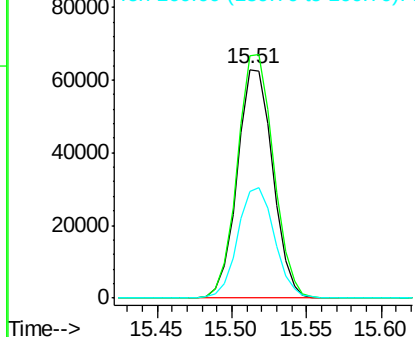


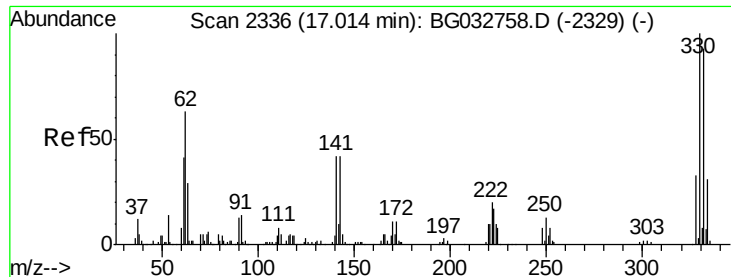
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.51 min Scan# 2081
Delta R.T. -0.01 min
Lab File: BG033149.D
Acq: 14 Mar 2018 16:30

Tgt Ion:164 Resp: 103519
Ion Ratio Lower Upper
164 100
162 106.3 78.8 118.2
160 46.8 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

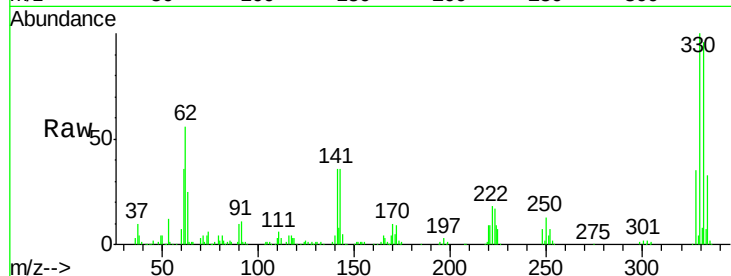




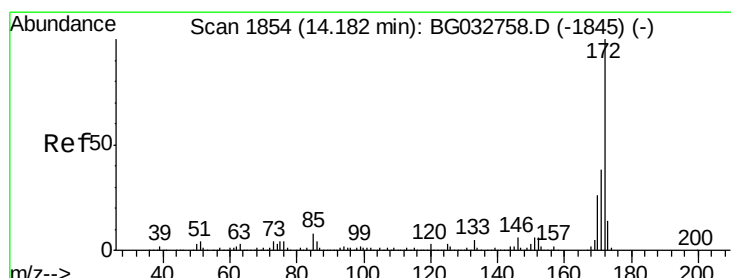
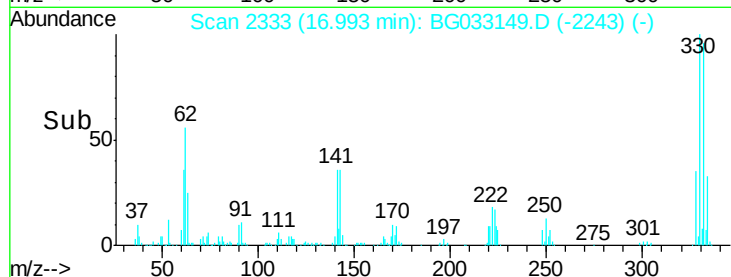
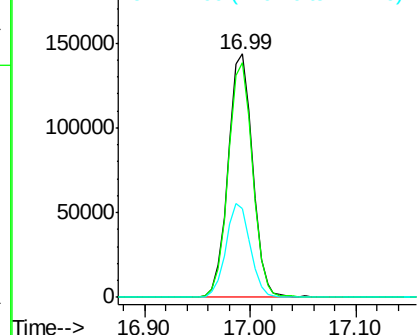
#41
 2,4,6-Tribromophenol
 Concen: 211.038 ng
 RT: 16.99 min Scan# 2333
 Delta R.T. 0.00 min
 Lab File: BG033149.D
 Acq: 14 Mar 2018 16:30

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 229708
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 38.5 25.2 37.8#

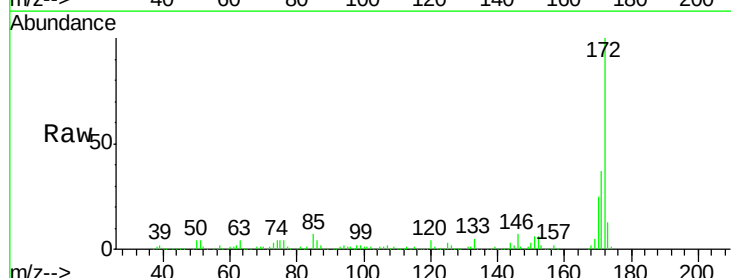


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

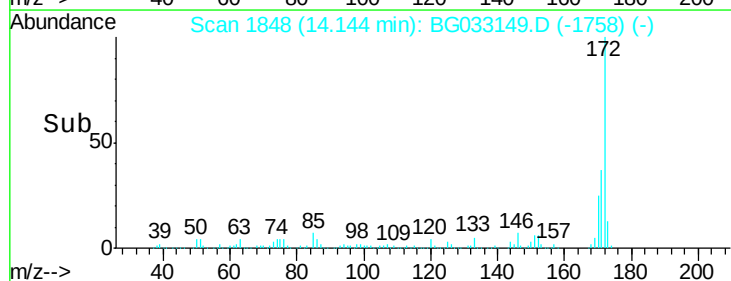
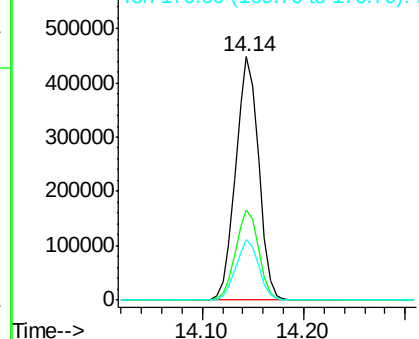


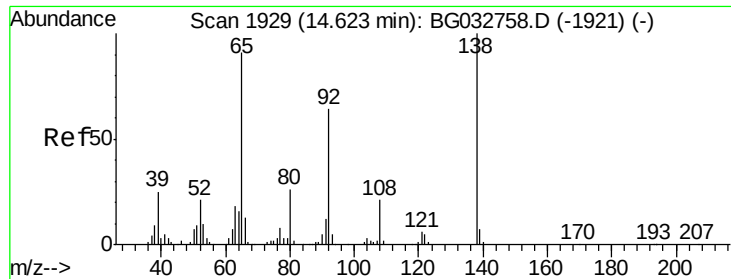
#44
 2-Fluorobiphenyl
 Concen: 97.697 ng
 RT: 14.14 min Scan# 1848
 Delta R.T. 0.00 min
 Lab File: BG033149.D
 Acq: 14 Mar 2018 16:30

Tgt Ion:172 Resp: 701228
 Ion Ratio Lower Upper
 172 100
 171 36.7 30.0 45.0
 170 24.6 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

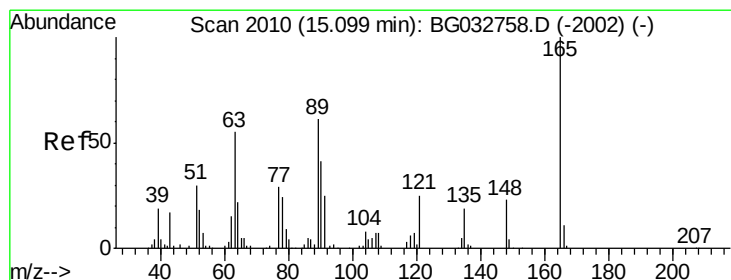
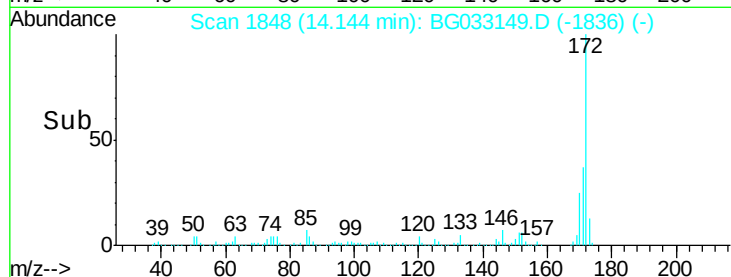
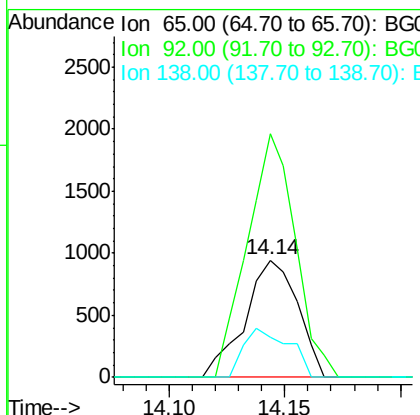
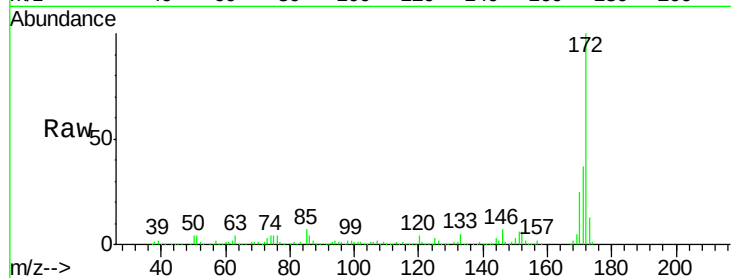




#47
2-Nitroaniline
Concen: 10.532 ng
RT: 14.14 min Scan# 1848
Delta R.T. -0.46 min
Lab File: BG033149.D
Acq: 14 Mar 2018 16:30

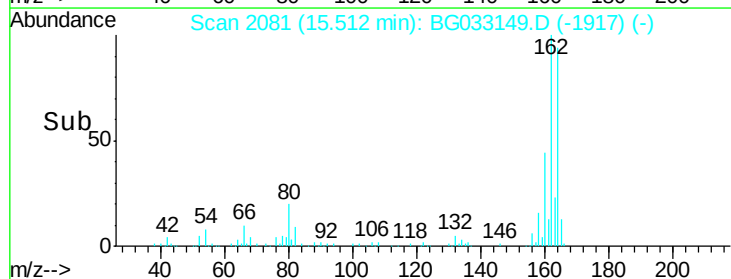
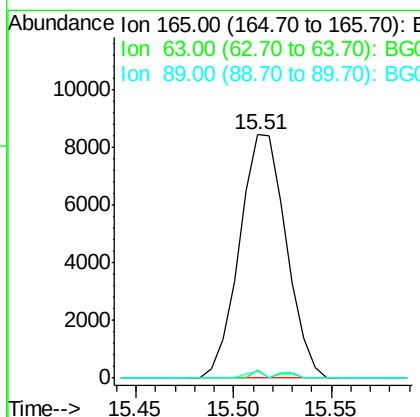
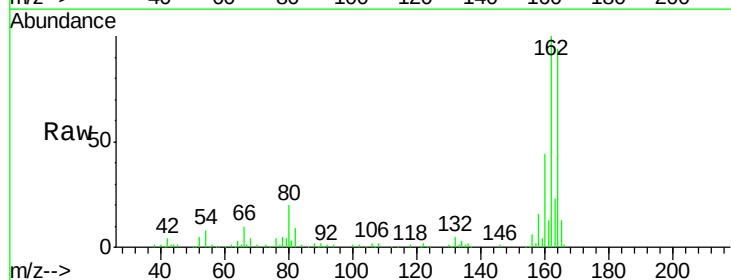
Instrument :
BNA_G
ClientSampleId :

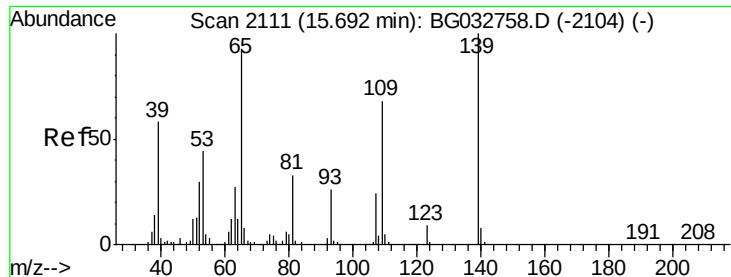
Tot Ion: 65 Resp: 1493
Ion Ratio Lower Upper
65 100
92 207.4 54.6 82.0#
138 34.4 72.9 109.3#



#50
2,6-Dinitrotoluene
Concen: 16.719 ng
RT: 15.51 min Scan# 2081
Delta R.T. 0.43 min
Lab File: BG033149.D
Acq: 14 Mar 2018 16:30

Tgt Ion:165 Resp: 13968
Ion Ratio Lower Upper
165 100
63 3.3 52.7 79.1#
89 2.5 49.2 73.8#

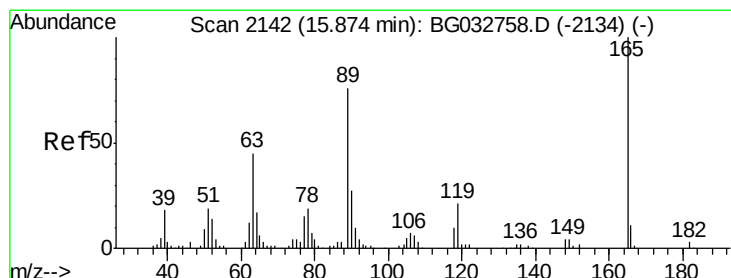
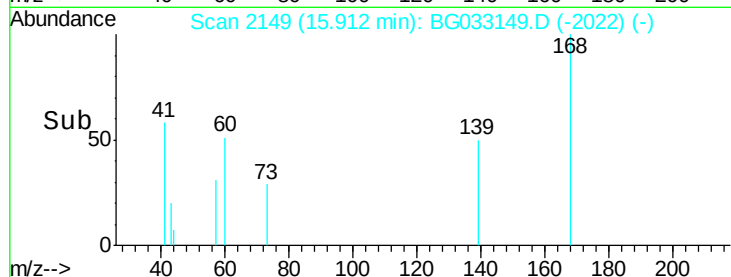
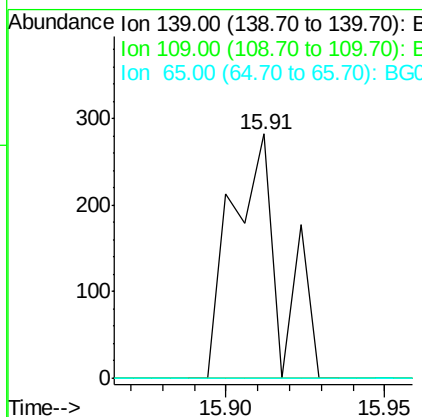
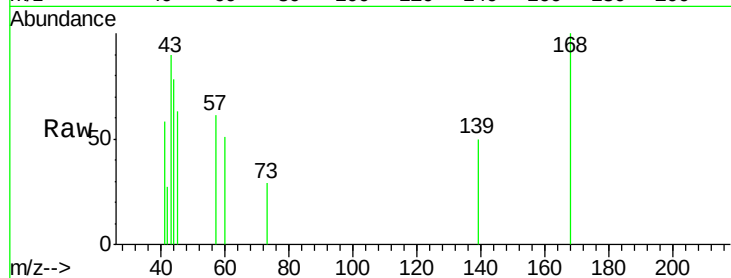




#55
4-Nitrophenol
Concen: 7.271 ng
RT: 15.91 min Scan# 2149
Delta R.T. 0.22 min
Lab File: BG033149.D
Acq: 14 Mar 2018 16:30

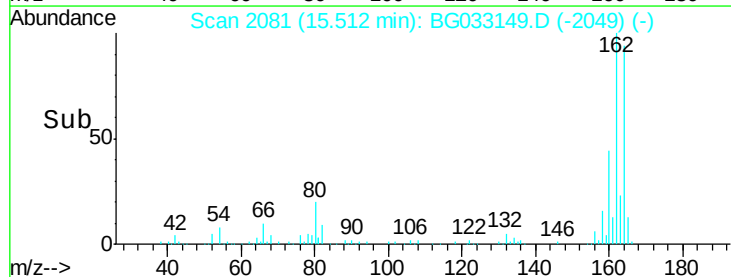
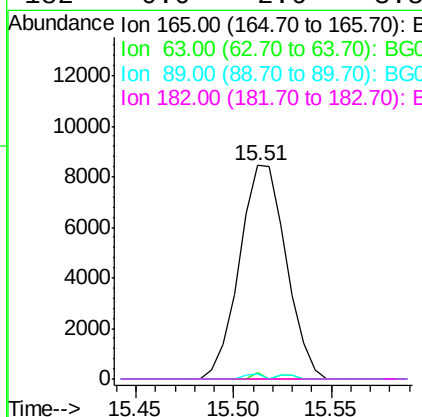
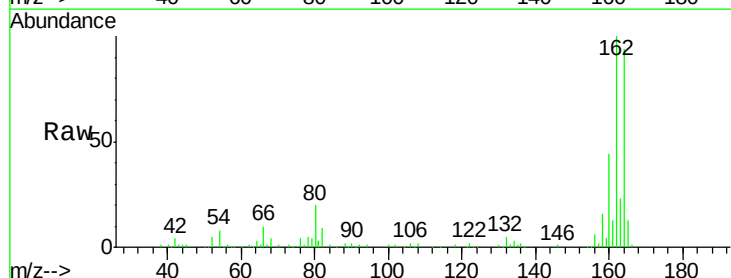
Instrument :
BNA_G
ClientSampled :

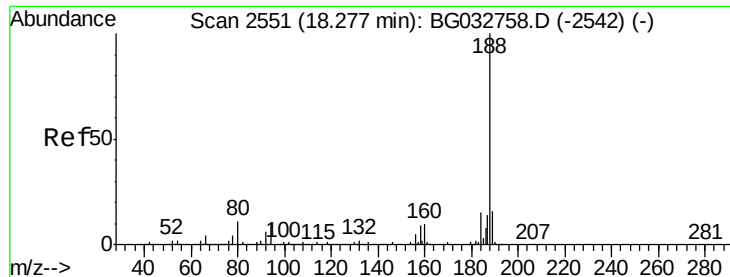
Tot Ion:139 Resp: 300
Ion Ratio Lower Upper
139 100
109 0.0 62.2 102.2#
65 0.0 97.2 137.2#



#56
2,4-Dinitrotoluene
Concen: 14.919 ng
RT: 15.51 min Scan# 2081
Delta R.T. -0.34 min
Lab File: BG033149.D
Acq: 14 Mar 2018 16:30

Tgt Ion:165 Resp: 13968
Ion Ratio Lower Upper
165 100
63 3.3 42.0 63.0#
89 2.5 66.9 100.3#
182 0.0 2.6 3.8#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.24 min Scan# 2546

Delta R.T. -0.01 min

Lab File: BG033149.D

Acq: 14 Mar 2018 16:30

Instrument :

BNA_G

ClientSampled :

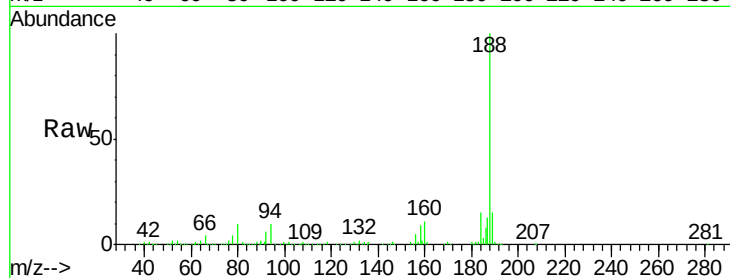
Tot Ion:188 Resp: 265287

Ion Ratio Lower Upper

188 100

94 9.7 6.9 10.3

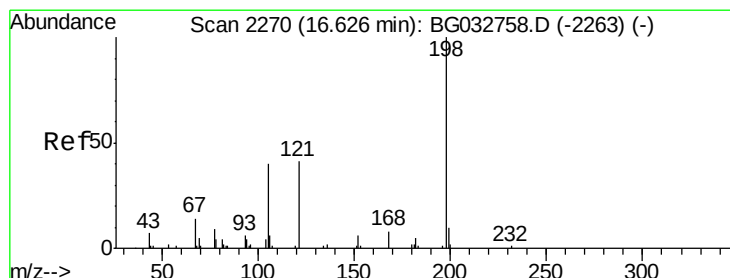
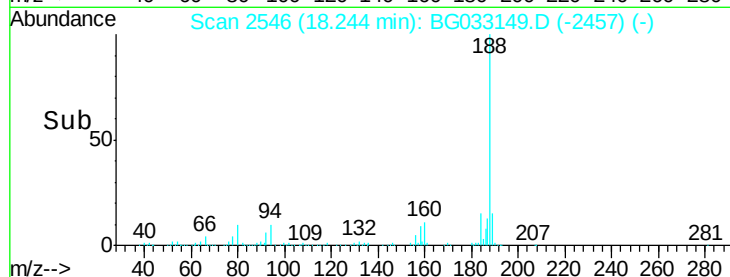
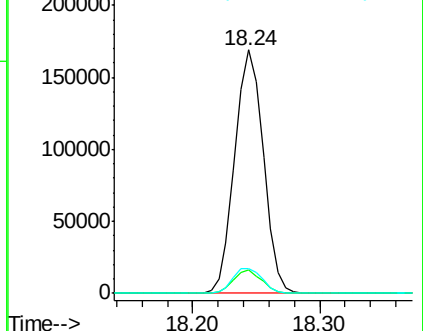
80 10.4 7.7 11.5



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: 5.869 ng

RT: 16.99 min Scan# 2333

Delta R.T. 0.38 min

Lab File: BG033149.D

Acq: 14 Mar 2018 16:30

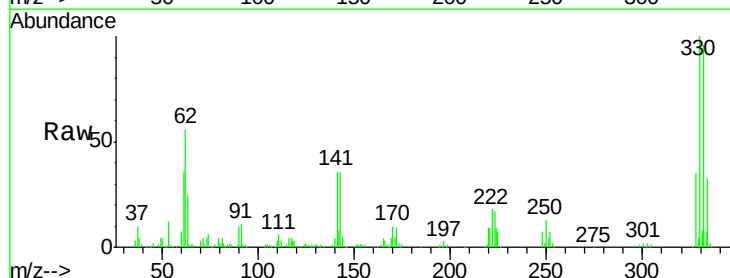
Tgt Ion:198 Resp: 575

Ion Ratio Lower Upper

198 100

51 119.6 30.6 70.6#

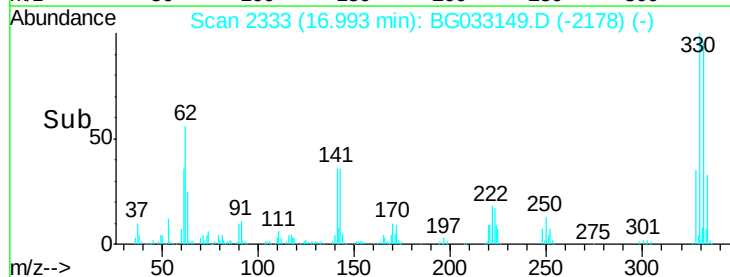
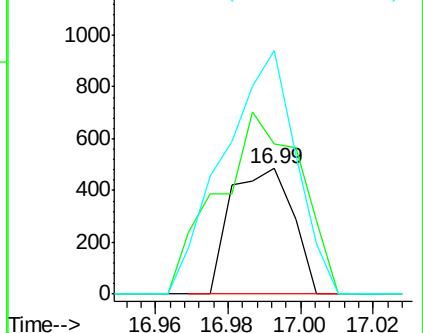
105 194.2 23.8 63.8#

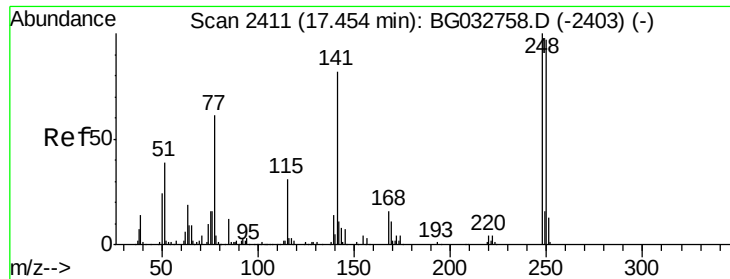


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

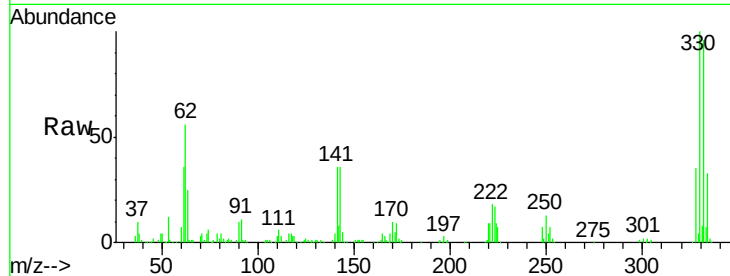




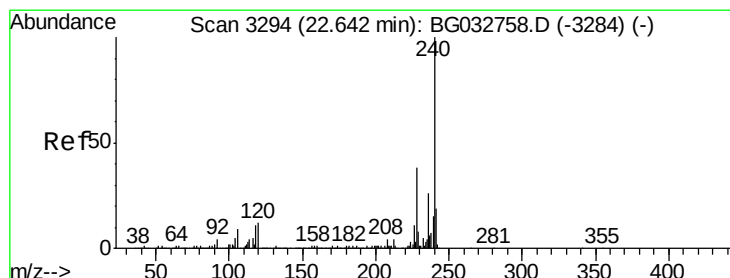
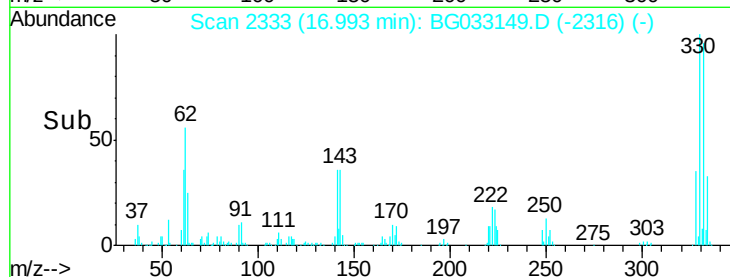
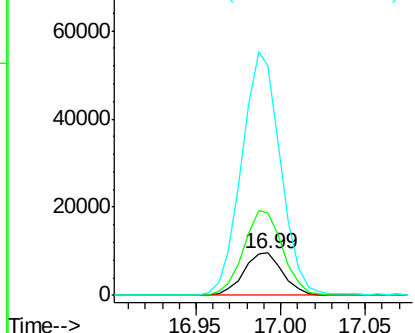
#66
 4-Bromophenyl-phenylether
 Concen: 5.537 ng
 RT: 16.99 min Scan# 2333
 Delta R.T. -0.43 min
 Lab File: BG033149.D
 Acq: 14 Mar 2018 16:30

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 15531
 Ion Ratio Lower Upper
 248 100
 250 192.7 77.1 115.7#
 141 538.6 50.8 76.2#

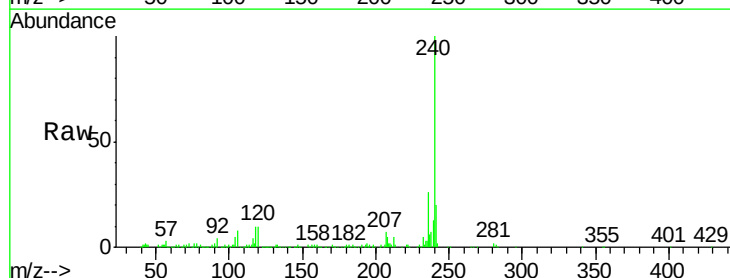


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

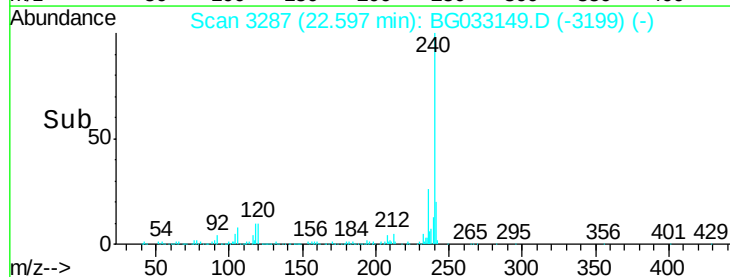
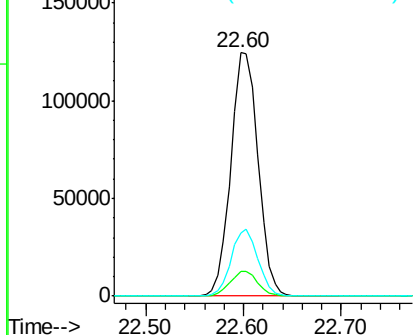


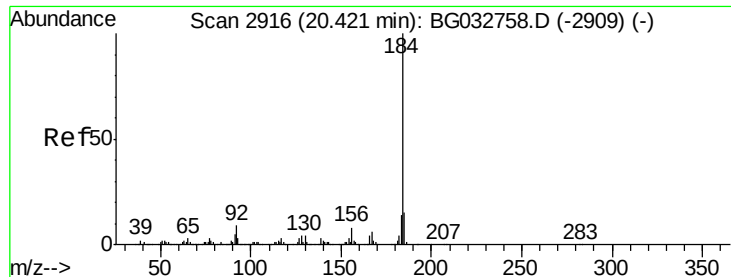
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.60 min Scan# 3287
 Delta R.T. -0.01 min
 Lab File: BG033149.D
 Acq: 14 Mar 2018 16:30

Tgt Ion:240 Resp: 241499
 Ion Ratio Lower Upper
 240 100
 120 10.4 6.8 10.2#
 236 26.0 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

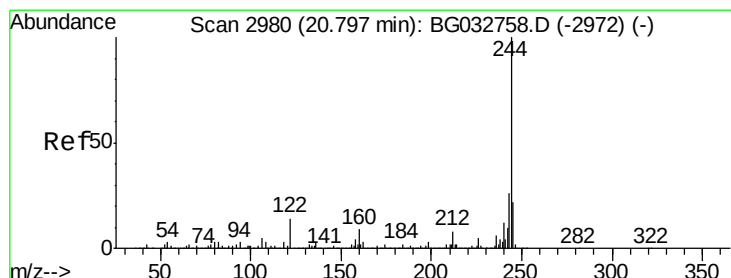
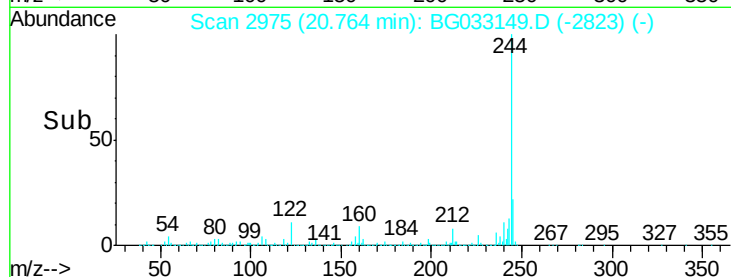
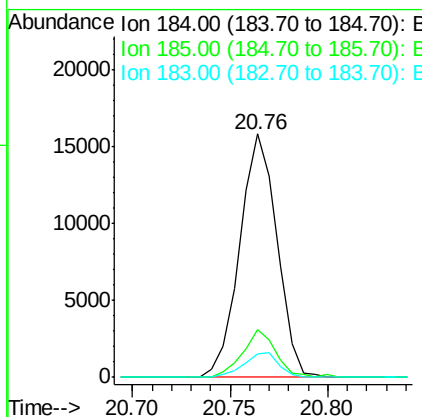
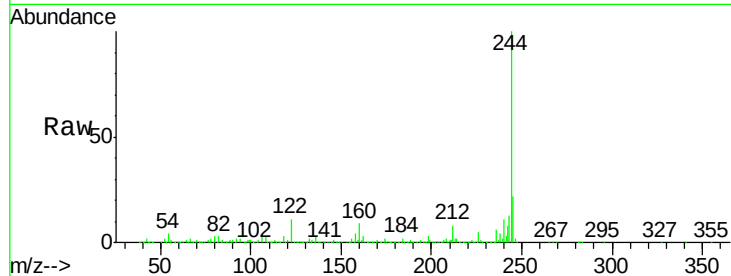




#76
Benzidine
Concen: 2.541 ng
RT: 20.76 min Scan# 2975
Delta R.T. 0.36 min
Lab File: BG033149.D
Acq: 14 Mar 2018 16:30

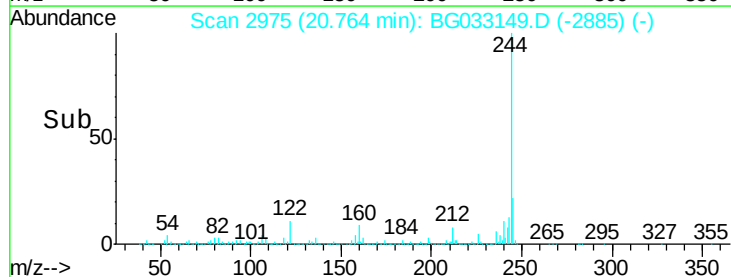
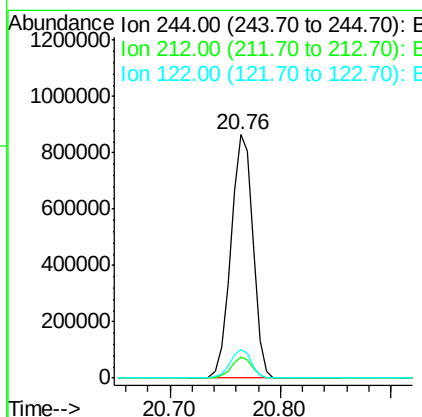
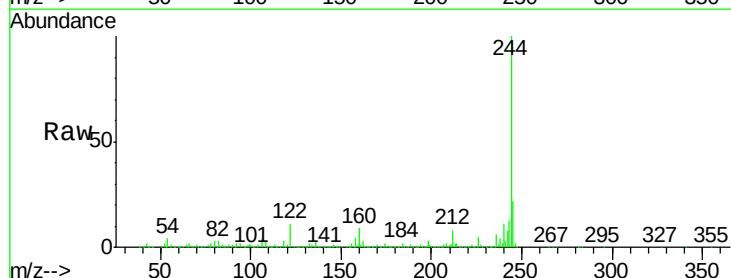
Instrument :
BNA_G
ClientSampleId :

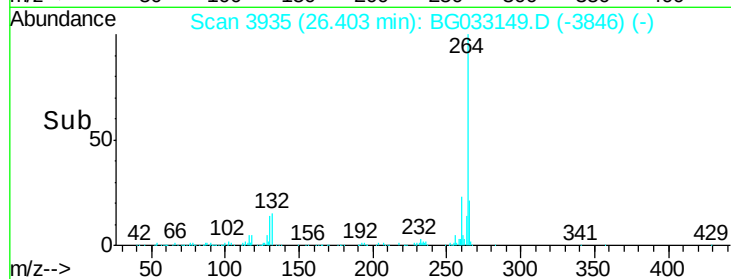
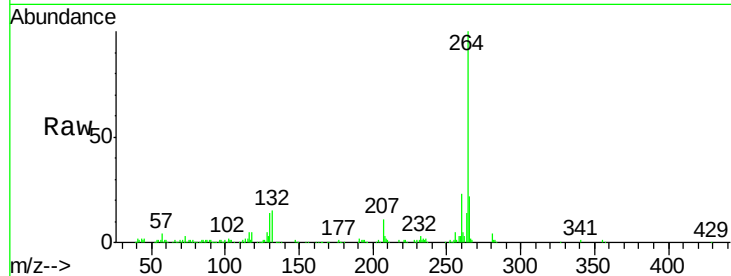
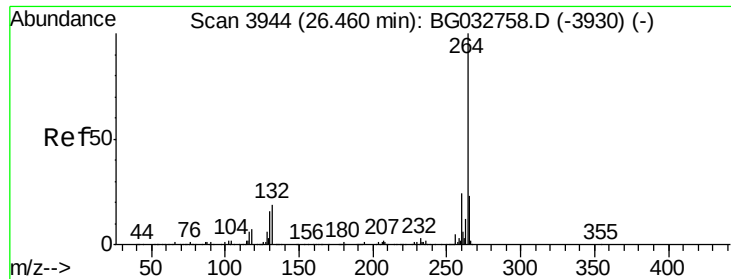
Tot Ion:184 Resp: 20919
Ion Ratio Lower Upper
184 100
185 19.7 11.1 16.7#
183 9.6 10.6 16.0#



#78
Terphenyl-d14
Concen: 112.665 ng
RT: 20.76 min Scan# 2975
Delta R.T. 0.00 min
Lab File: BG033149.D
Acq: 14 Mar 2018 16:30

Tgt Ion:244 Resp: 1211029
Ion Ratio Lower Upper
244 100
212 8.4 5.8 8.8
122 11.5 7.0 10.4#





#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.40 min Scan# 3935
Delta R.T. -0.01 min
Lab File: BG033149.D
Acq: 14 Mar 2018 16:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.4	26.0
265	21.7	17.7	26.5

