

Data Path : U:\HPCHEM1\BNA G\DATA\BG012918\
 Data File : BG032433.D
 Acq On : 30 Jan 2018 5:18
 Operator : SJ/JU
 Sample : J1305-04
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 30 06:19:59 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 15:32:55 2018
 Response via : Initial Calibration

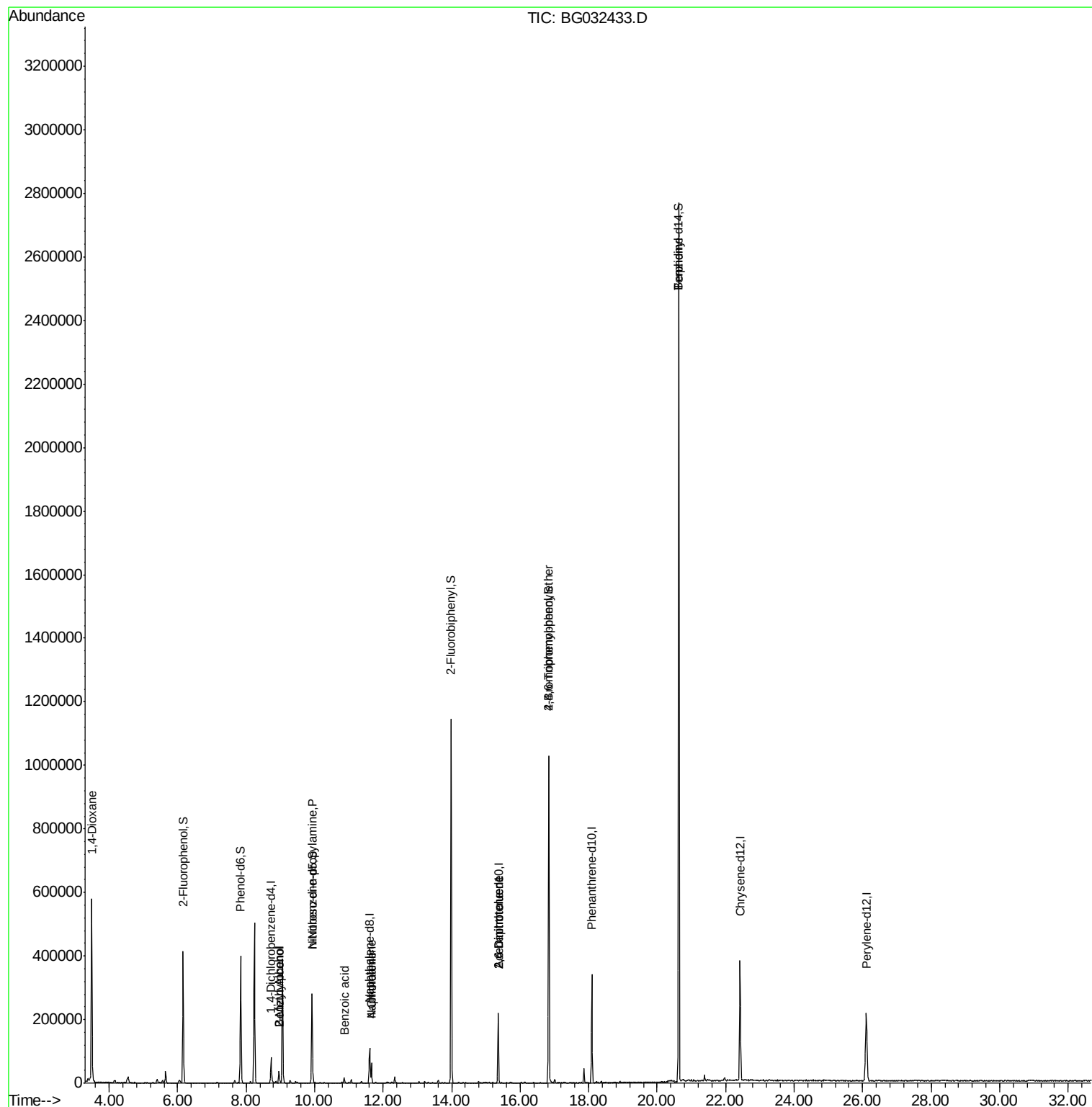
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.73	152	25726	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	105179	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	82819	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	229063	20.00	ng	0.00
75) Chrysene-d12	22.42	240	281016	20.00	ng	0.00
86) Perylene-d12	26.10	264	298545	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	202062	157.76	ng	0.00
7) Phenol-d6	7.84	99	235977	138.07	ng	0.00
23) Nitrobenzene-d5	9.92	82	177796	105.58	ng	0.00
41) 2,4,6-Tribromophenol	16.84	330	238193	151.09	ng	0.00
44) 2-Fluorobiphenyl	13.98	172	677288	97.20	ng	0.00
78) Terphenyl-d14	20.63	244	1420991	108.32	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.50	88	6202	14.392	ng	# 1
15) Benzyl Alcohol	8.96	79	15039	10.676	ng	# 88
17) 2-Methylphenol	8.95	107	6867	5.209	ng	# 1
19) n-Nitroso-di-n-propylamine	9.92	70	25715	22.692	ng	# 76
31) Naphthalene	11.66	128	57047	11.105	ng	# 97
32) Benzoic acid	10.88	122	272	7.502	ng	# 44
33) 4-Chloroaniline	11.66	127	7507	3.276	ng	# 31
50) 2,6-Dinitrotoluene	15.36	165	10105	6.305	ng	# 21
56) 2,4-Dinitrotoluene	15.36	165	10105	4.428	ng	# 19
66) 4-Bromophenyl-phenylether	16.83	248	19125	5.636	ng	# 1
76) Benzidine	20.63	184	20863	3.781	ng	# 93

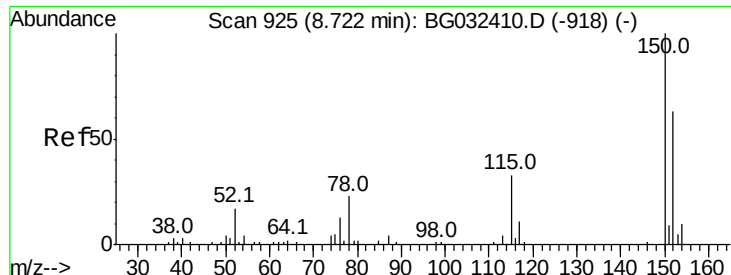
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : U:\HPCHEM1\BNA G\DATA\BG012918\
Data File : BG032433.D
Acq On : 30 Jan 2018 5:18
Operator : SJ/JU
Sample : J1305-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jan 30 06:19:59 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 29 15:32:55 2018
Response via : Initial Calibration



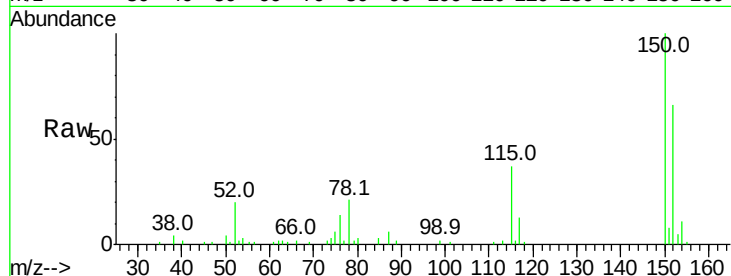


#1

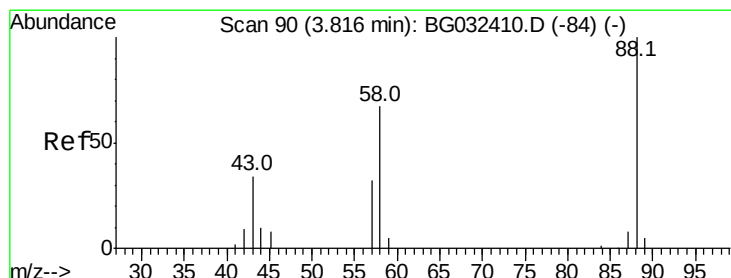
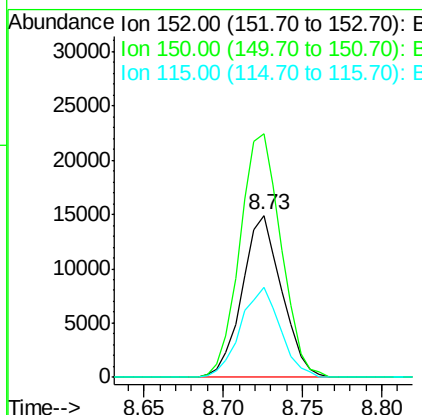
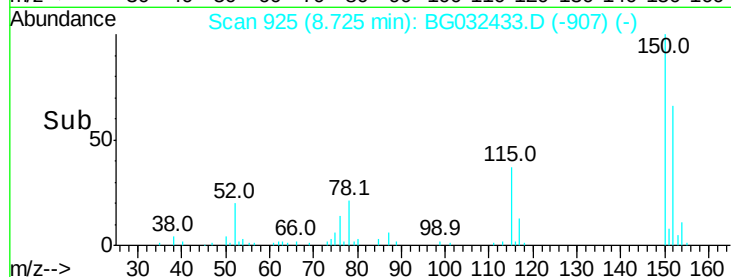
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.73 min Scan# 925
 Delta R.T. 0.00 min
 Lab File: BG032433.D
 Acq: 30 Jan 2018 5:18

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 25726
 Ion Ratio Lower Upper
 152 100
 150 150.4 126.6 189.8
 115 55.6 53.0 79.4



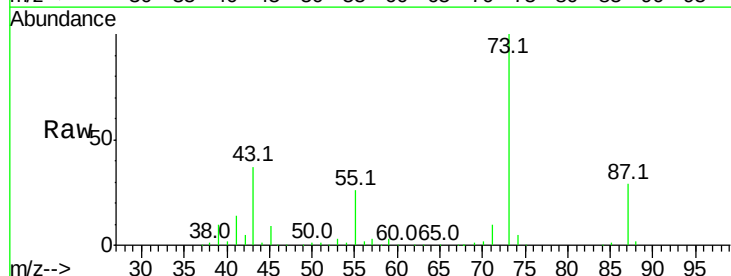
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



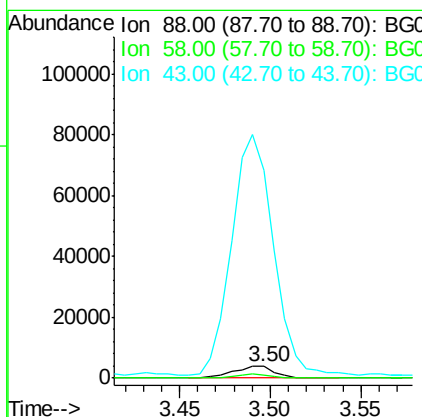
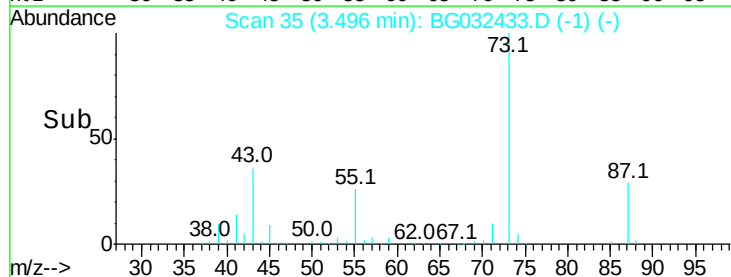
#2

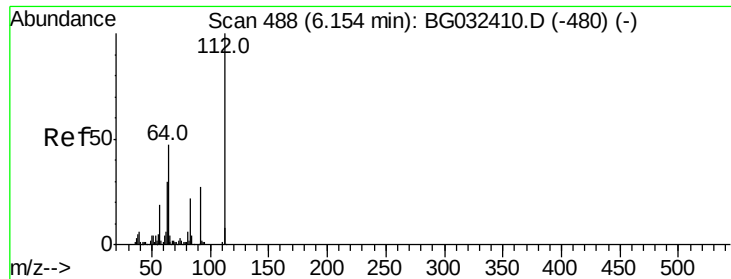
1,4-Dioxane
 Concen: 14.392 ng
 RT: 3.50 min Scan# 35
 Delta R.T. -0.32 min
 Lab File: BG032433.D
 Acq: 30 Jan 2018 5:18

Tgt Ion: 88 Resp: 6202
 Ion Ratio Lower Upper
 88 100
 58 31.3 79.6 119.4#
 43 2035.6 27.4 41.0#



Abundance Ion 88.00 (87.70 to 88.70): BGC
 Ion 58.00 (57.70 to 58.70): BGC
 Ion 43.00 (42.70 to 43.70): BGC





#5

2-Fluorophenol

Concen: 157.760 ng

RT: 6.16 min Scan# 488

Delta R.T. 0.00 min

Lab File: BG032433.D

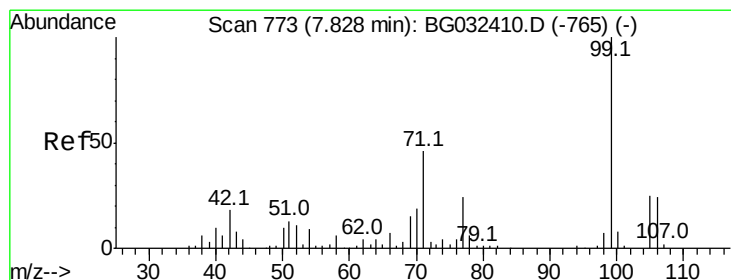
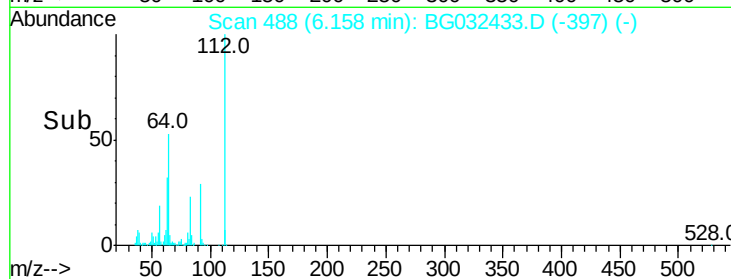
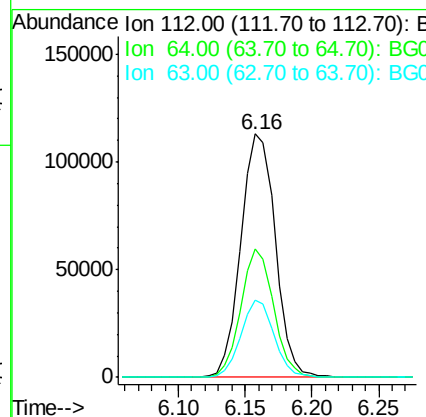
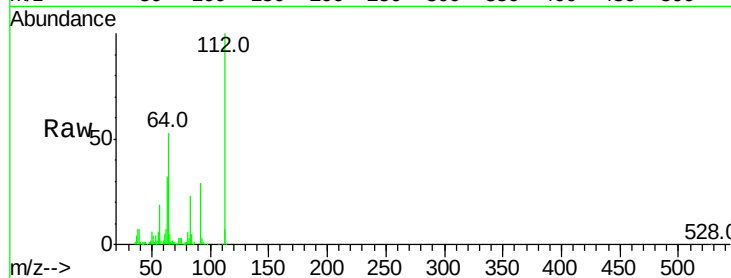
Acq: 30 Jan 2018 5:18

Instrument :

BNA_G

ClientSampled :

Tot Ion:	112	Resp:	202062
Ion	Ratio	Lower	Upper
112	100		
64	52.9	56.3	84.5#
63	31.9	30.1	45.1



#7

Phenol-d6

Concen: 138.067 ng

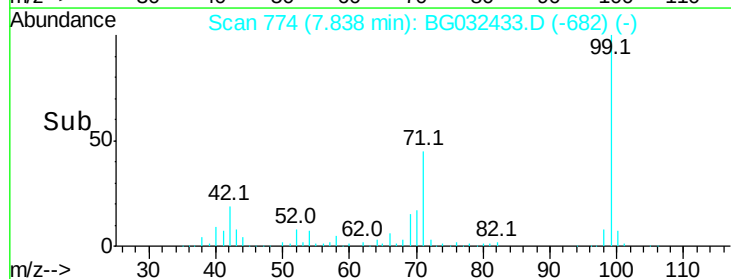
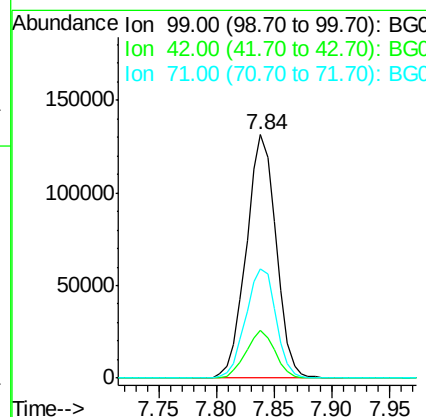
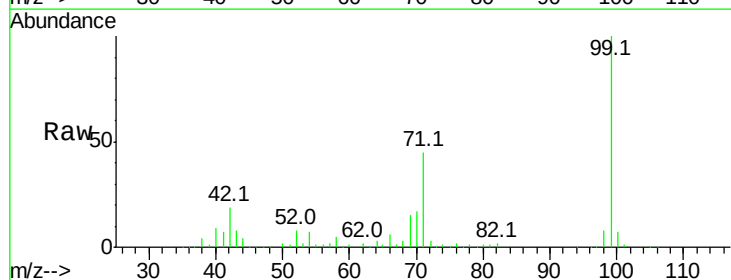
RT: 7.84 min Scan# 774

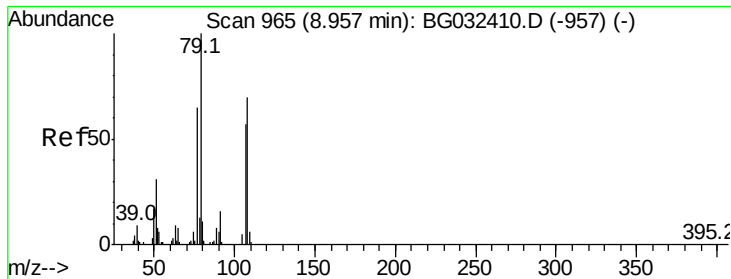
Delta R.T. 0.01 min

Lab File: BG032433.D

Acq: 30 Jan 2018 5:18

Tgt Ion:	99	Resp:	235977
Ion	Ratio	Lower	Upper
99	100		
42	19.4	14.1	21.1
71	44.7	26.1	39.1#





#15

Benzyl Alcohol

Concen: 10.676 ng

RT: 8.96 min Scan# 965

Delta R.T. 0.00 min

Lab File: BG032433.D

Acq: 30 Jan 2018 5:18

Instrument :

BNA_G

ClientSampleId :

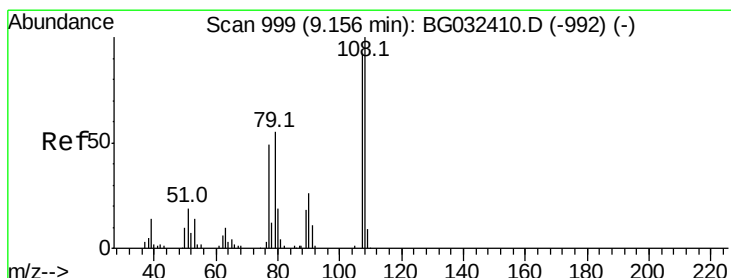
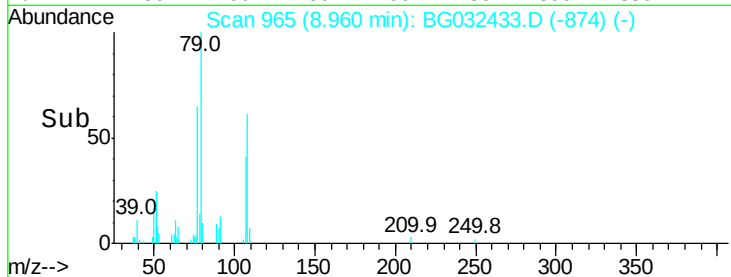
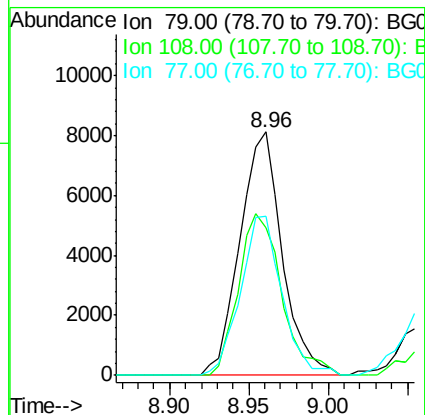
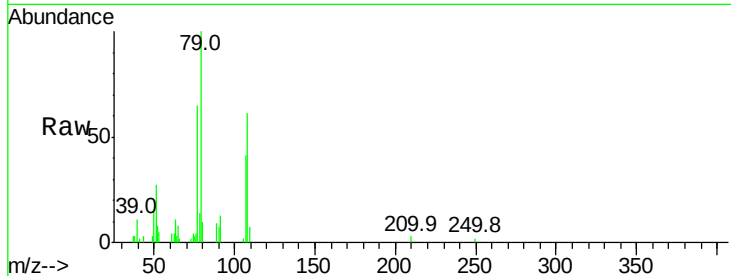
Tot Ion: 79 Resp: 15039

Ion Ratio Lower Upper

79 100

108 60.7 57.2 85.8

77 65.5 46.1 69.1



#17

2-Methylphenol

Concen: 5.209 ng

RT: 8.95 min Scan# 964

Delta R.T. -0.20 min

Lab File: BG032433.D

Acq: 30 Jan 2018 5:18

Tgt Ion: 107 Resp: 6867

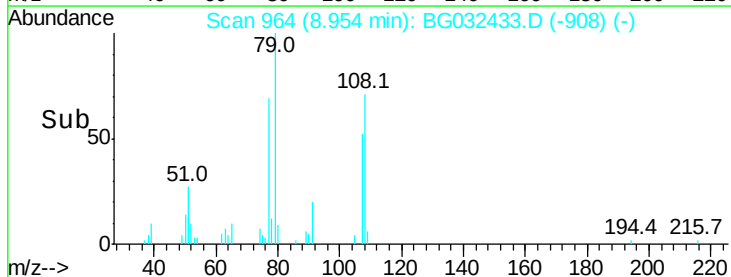
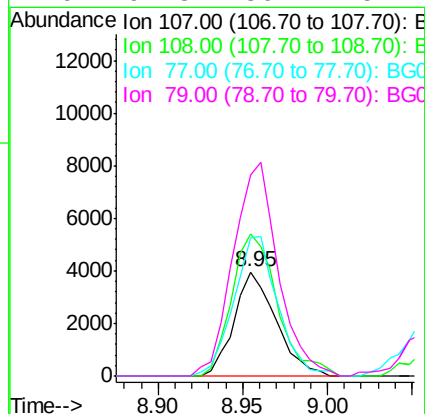
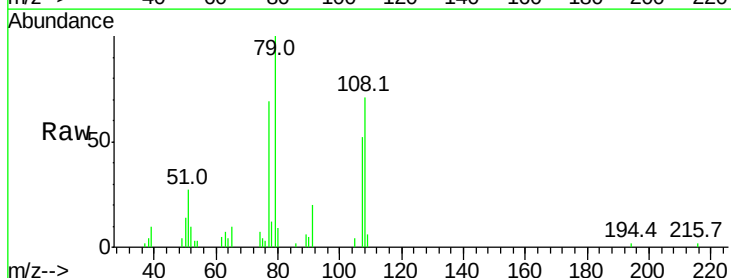
Ion Ratio Lower Upper

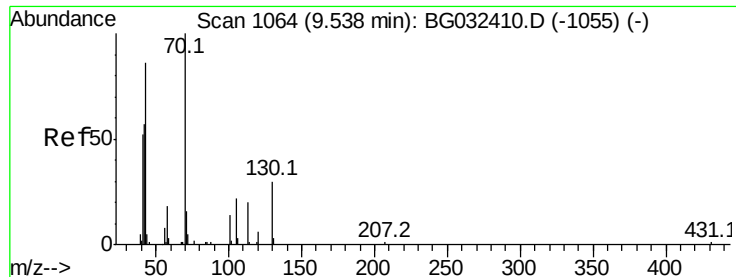
107 100

108 136.3 83.9 125.9#

77 133.3 37.2 55.8#

79 192.8 36.2 54.2#

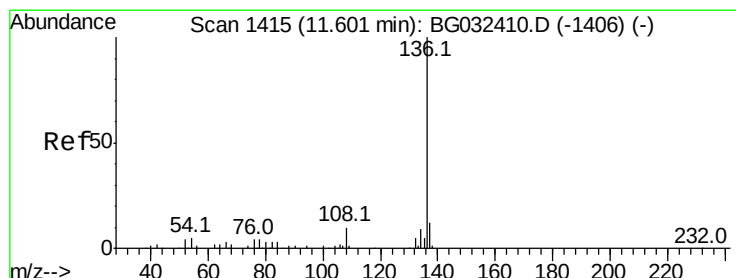
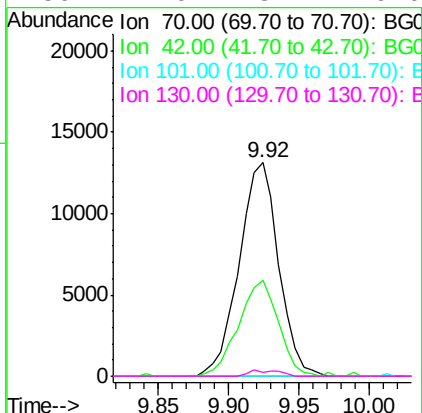
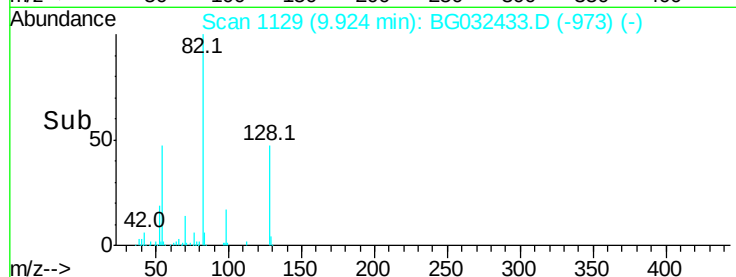
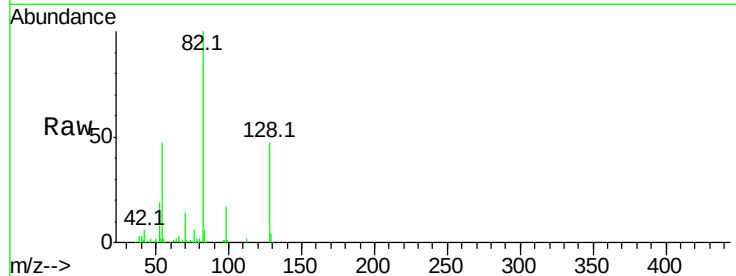




#19
n-Nitroso-di-n-propylamine
Concen: 22.692 ng
RT: 9.92 min Scan# 1129
Delta R.T. 0.39 min
Lab File: BG032433.D
Acq: 30 Jan 2018 5:18

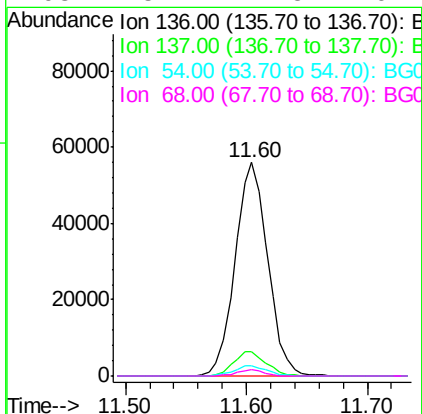
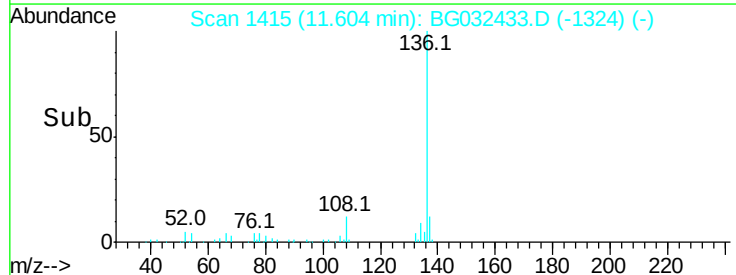
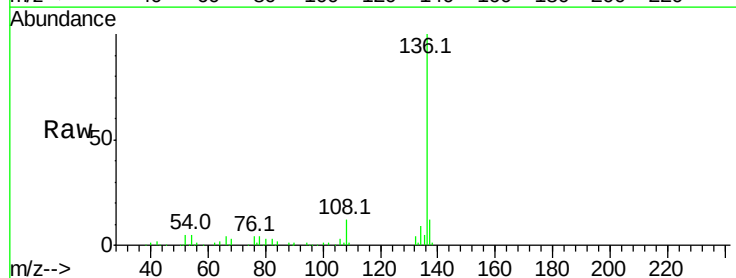
Instrument :
BNA_G
ClientSampleId :

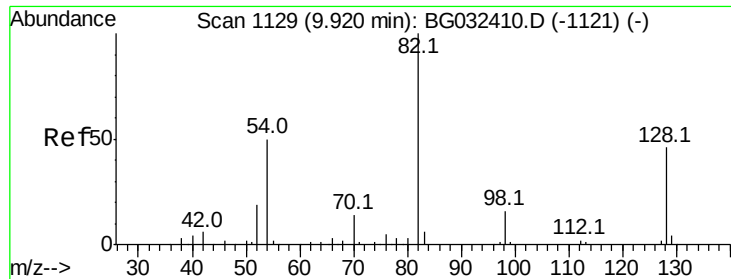
Tot Ion	Ratio	Lower	Upper
70	100		
42	45.2	49.1	73.7#
101	0.0	8.5	12.7#
130	2.0	13.4	20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.60 min Scan# 1415
Delta R.T. 0.00 min
Lab File: BG032433.D
Acq: 30 Jan 2018 5:18

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.2	13.8
54	4.6	10.3	15.5#
68	3.1	4.5	6.7#

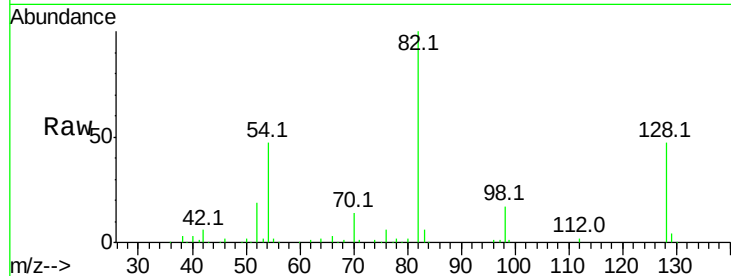




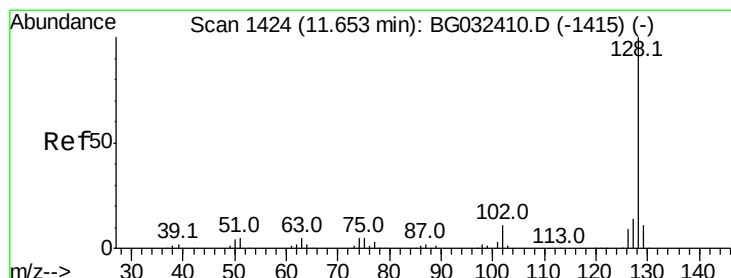
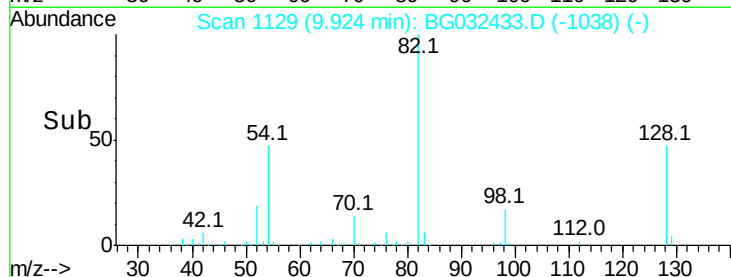
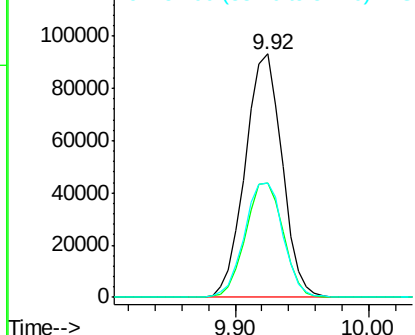
#23
Nitrobenzene-d5
Concen: 105.584 ng
RT: 9.92 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BG032433.D
Acq: 30 Jan 2018 5:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 82 Resp: 177796
Ion Ratio Lower Upper
82 100
128 46.9 29.7 44.5#
54 47.1 43.1 64.7

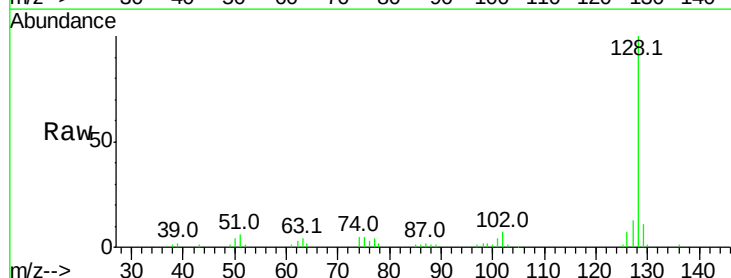


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

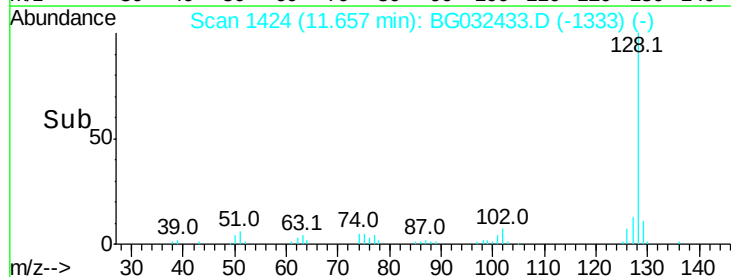
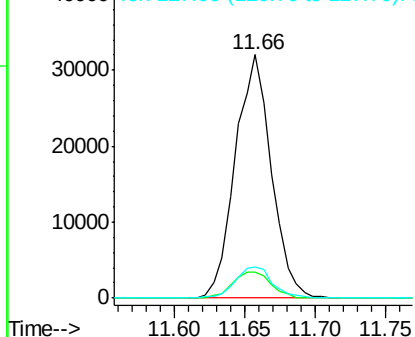


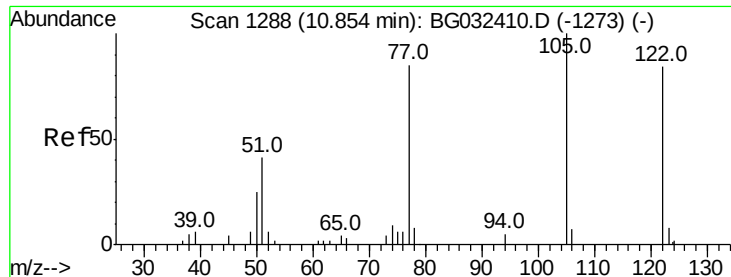
#31
Naphthalene
Concen: 11.105 ng
RT: 11.66 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BG032433.D
Acq: 30 Jan 2018 5:18

Tgt Ion: 128 Resp: 57047
Ion Ratio Lower Upper
128 100
129 10.5 8.6 12.8
127 12.7 11.6 17.4



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





#32

Benzoic acid

Concen: 7.502 ng

RT: 10.88 min Scan# 1291

Delta R.T. 0.02 min

Lab File: BG032433.D

Acq: 30 Jan 2018 5:18

Instrument :

BNA_G

ClientSampleId :

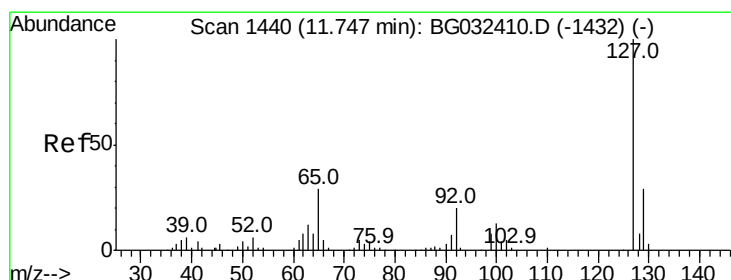
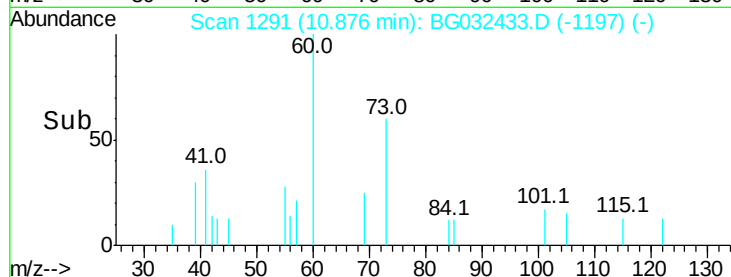
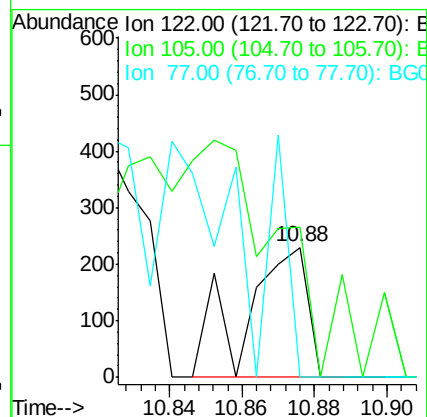
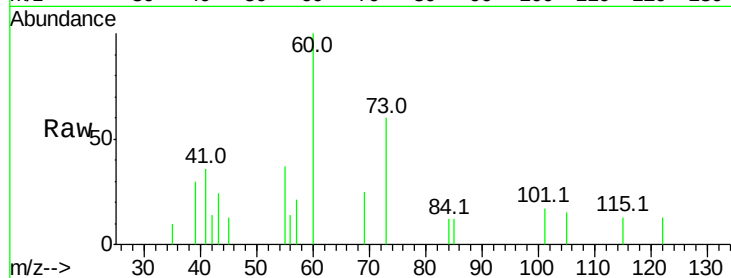
Tot Ion:122 Resp: 272

Ion Ratio Lower Upper

122 100

105 115.7 123.5 163.5#

77 0.0 85.7 125.7#



#33

4-Chloroaniline

Concen: 3.276 ng

RT: 11.66 min Scan# 1424

Delta R.T. -0.09 min

Lab File: BG032433.D

Acq: 30 Jan 2018 5:18

Tgt Ion:127 Resp: 7507

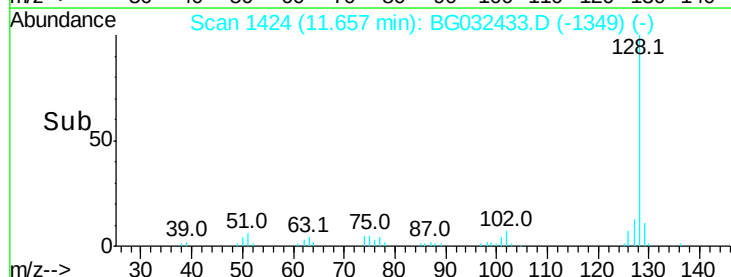
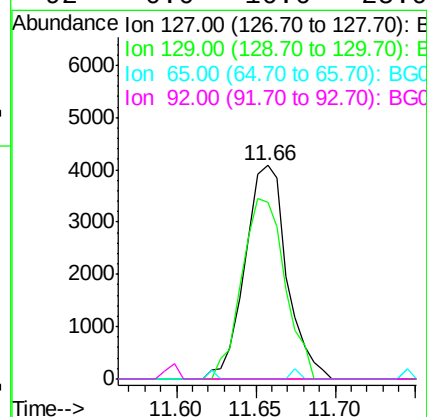
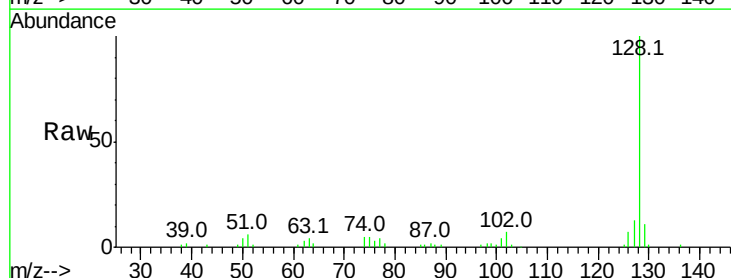
Ion Ratio Lower Upper

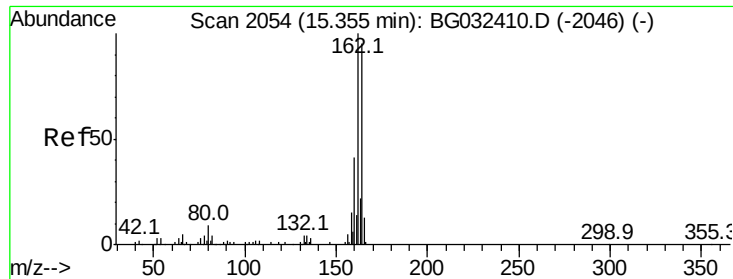
127 100

129 82.5 24.0 36.0#

65 0.0 27.0 40.4#

92 0.0 16.6 25.0#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.36 min Scan# 2054

Delta R.T. 0.00 min

Lab File: BG032433.D

Acq: 30 Jan 2018 5:18

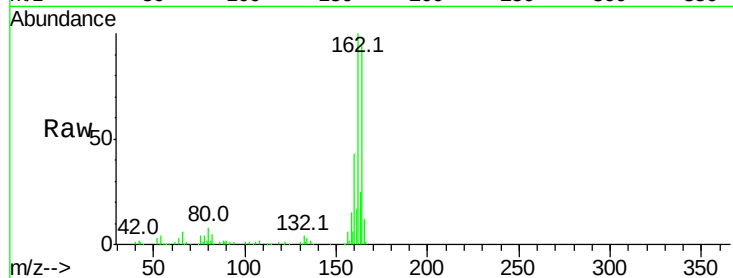
Instrument :

BNA_G

ClientSampleId :

Tot Ion:164 Resp: 82819

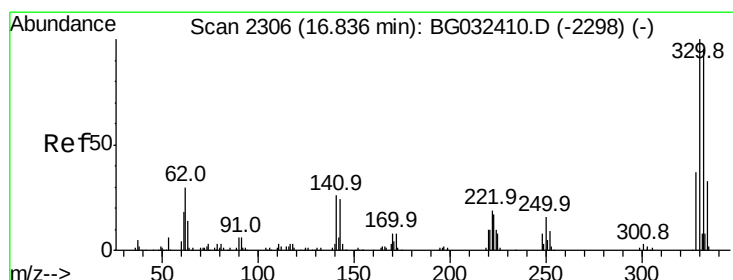
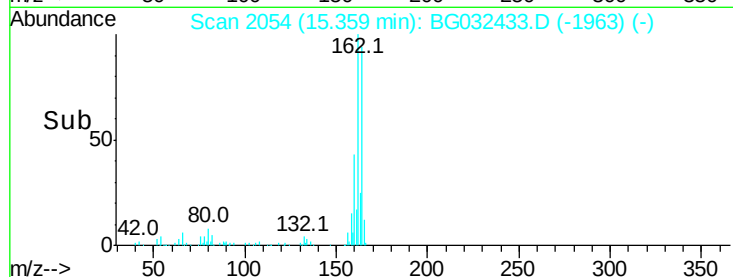
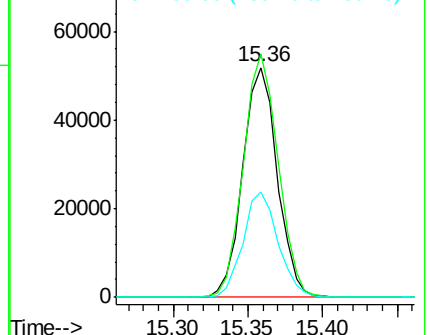
Ion	Ratio	Lower	Upper
164	100		
162	105.9	78.8	118.2
160	46.0	35.4	53.0



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: 151.093 ng

RT: 16.84 min Scan# 2306

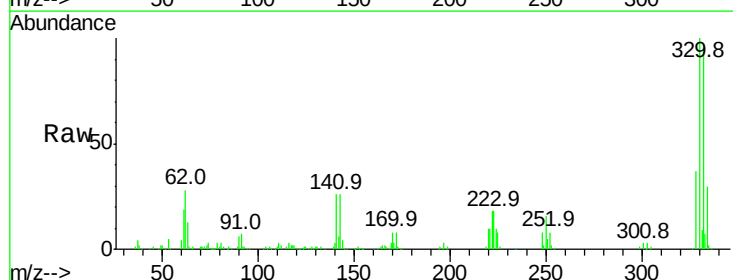
Delta R.T. 0.00 min

Lab File: BG032433.D

Acq: 30 Jan 2018 5:18

Tgt Ion:330 Resp: 238193

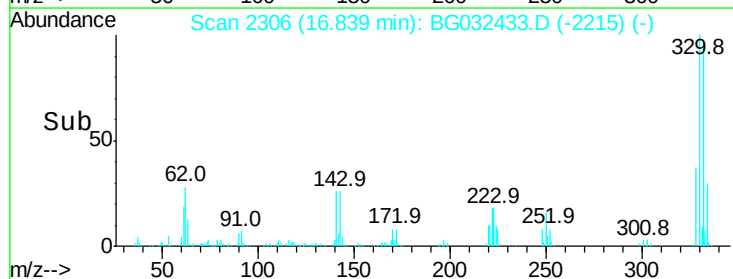
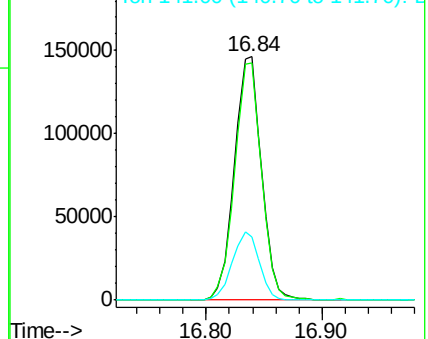
Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	28.0	25.2	37.8

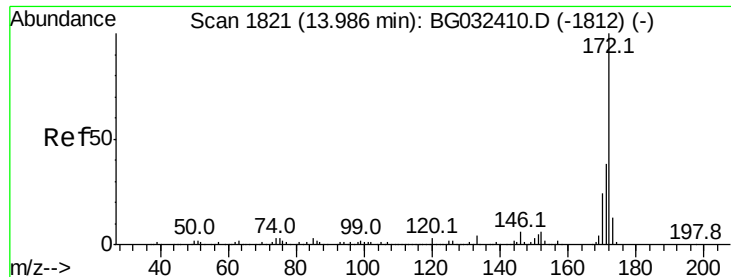


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

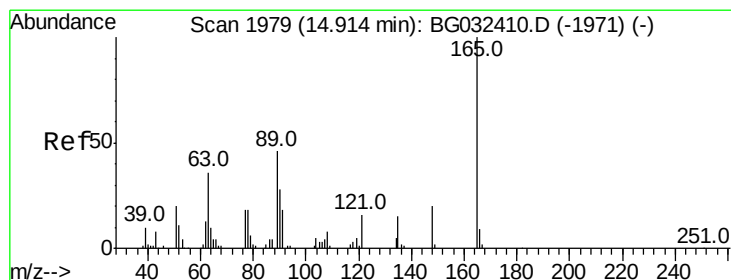
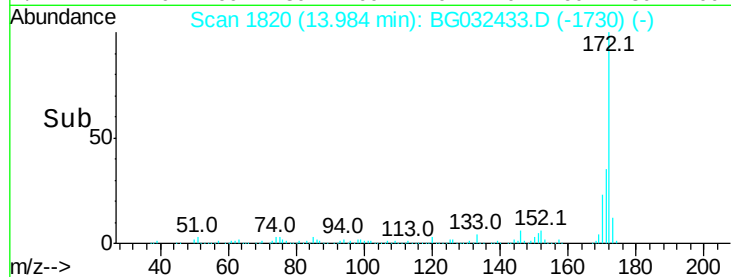
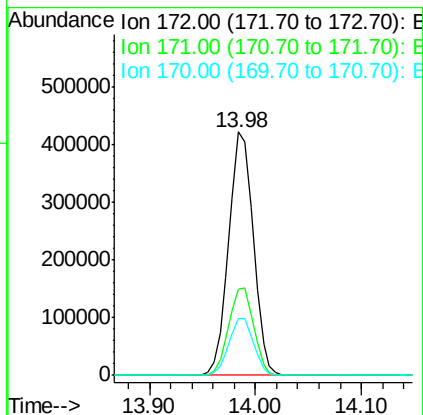
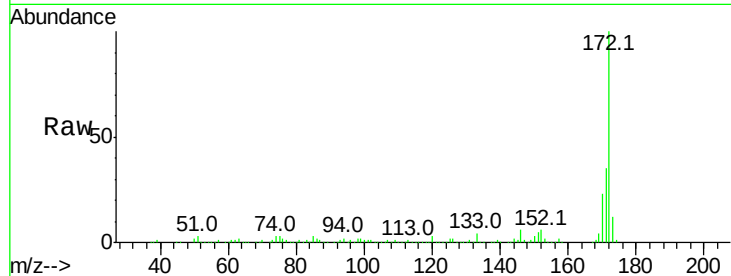




#44
2-Fluorobiphenyl
Concen: 97.200 ng
RT: 13.98 min Scan# 1820
Delta R.T. -0.00 min
Lab File: BG032433.D
Acq: 30 Jan 2018 5:18

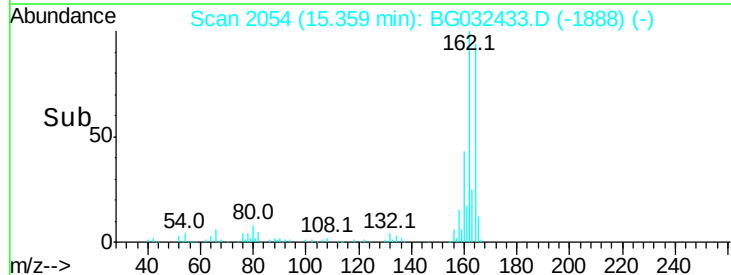
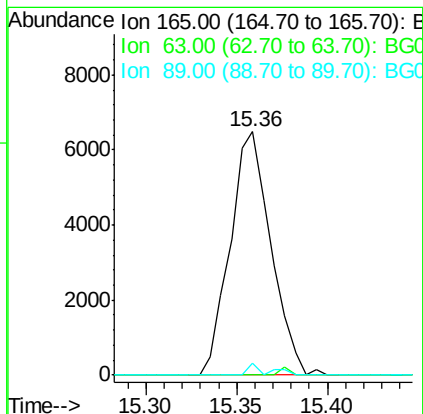
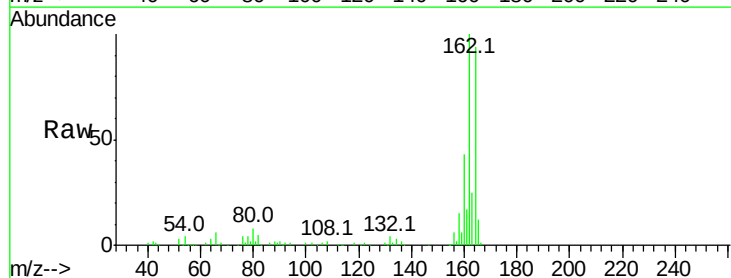
Instrument :
BNA_G
ClientSampleId :

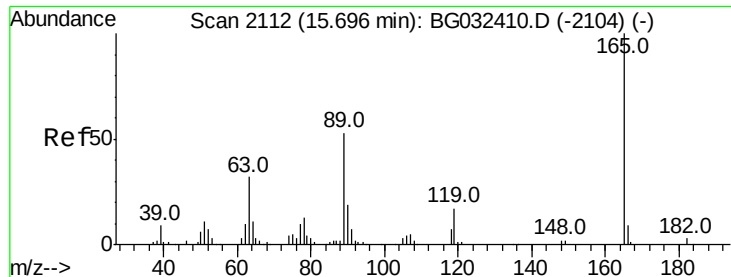
Tot Ion:172 Resp: 677288
Ion Ratio Lower Upper
172 100
171 35.4 30.0 45.0
170 23.5 19.5 29.3



#50
2,6-Dinitrotoluene
Concen: 6.305 ng
RT: 15.36 min Scan# 2054
Delta R.T. 0.44 min
Lab File: BG032433.D
Acq: 30 Jan 2018 5:18

Tgt Ion:165 Resp: 10105
Ion Ratio Lower Upper
165 100
63 0.0 52.7 79.1#
89 4.8 49.2 73.8#

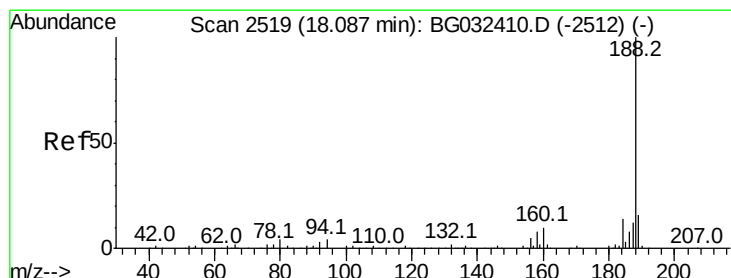
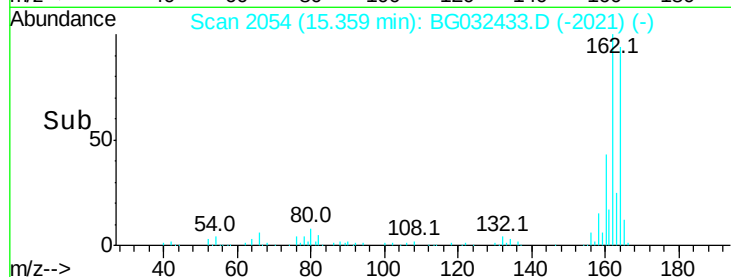
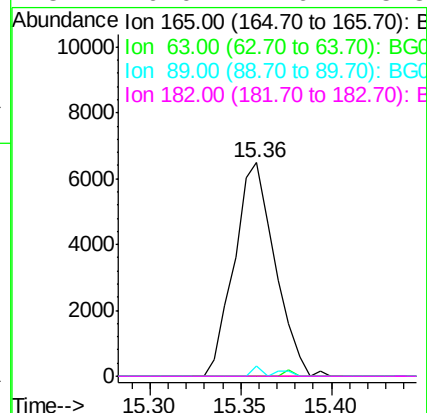
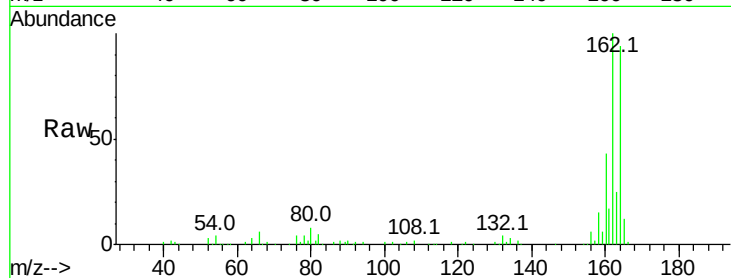




#56
 2,4-Dinitrotoluene
 Concen: 4.428 ng
 RT: 15.36 min Scan# 2054
 Delta R.T. -0.34 min
 Lab File: BG032433.D
 Acq: 30 Jan 2018 5:18

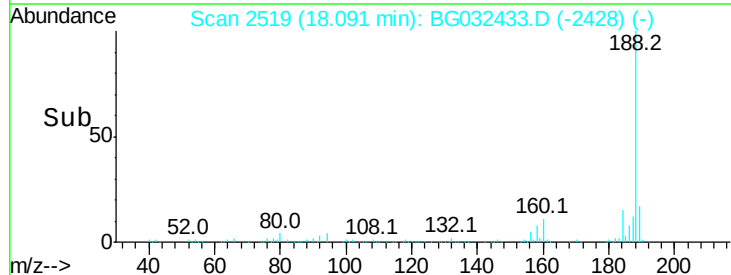
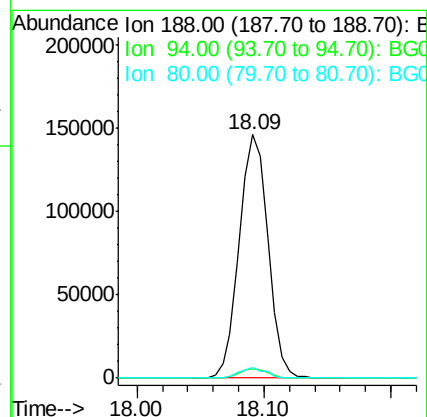
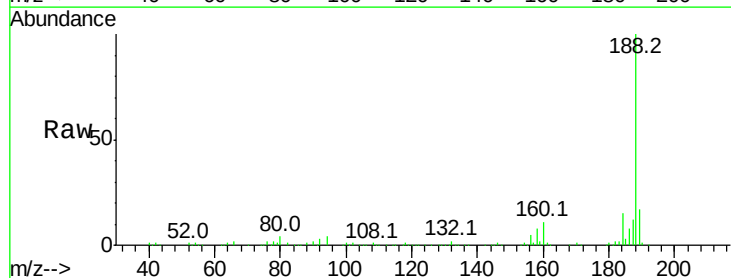
Instrument :
 BNA_G
 ClientSampleId :

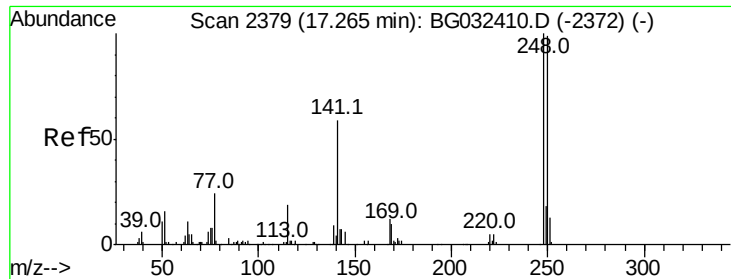
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	4.8	66.9	100.3#
182	0.0	2.6	3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.09 min Scan# 2519
 Delta R.T. 0.00 min
 Lab File: BG032433.D
 Acq: 30 Jan 2018 5:18

Tgt Ion	Ratio	Lower	Upper
188	100		
94	3.8	6.9	10.3#
80	4.4	7.7	11.5#

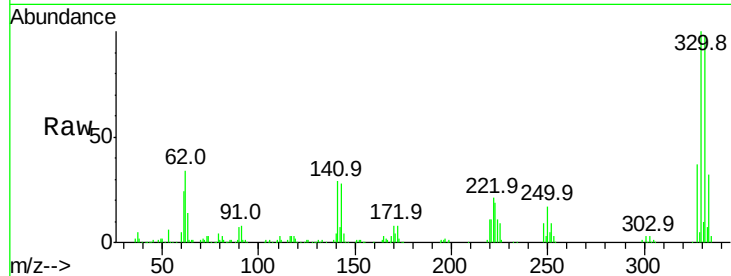




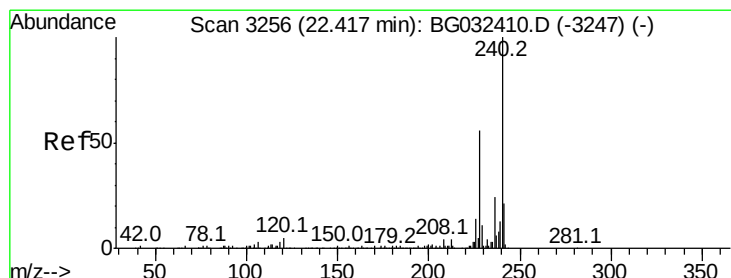
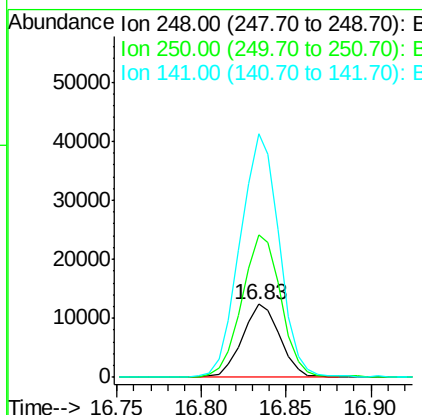
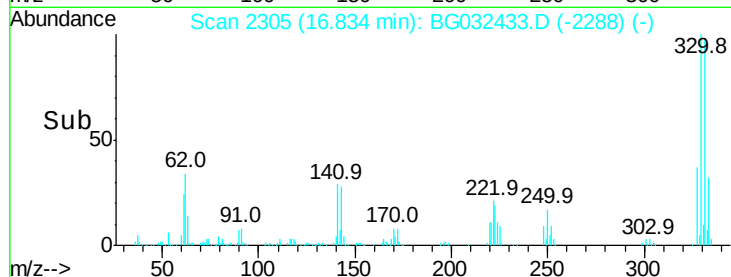
#66
 4-Bromophenyl-phenylether
 Concen: 5.636 ng
 RT: 16.83 min Scan# 2305
 Delta R.T. -0.43 min
 Lab File: BG032433.D
 Acq: 30 Jan 2018 5:18

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 19125
 Ion Ratio Lower Upper
 248 100
 250 194.9 77.1 115.7#
 141 332.4 50.8 76.2#

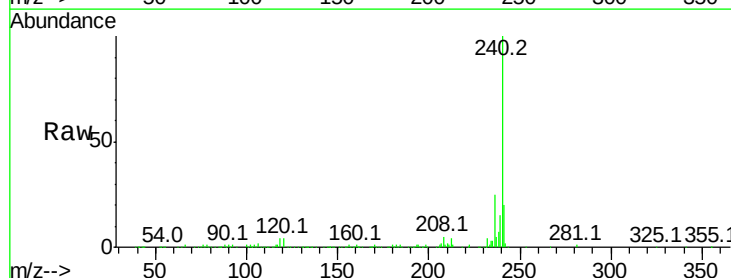


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

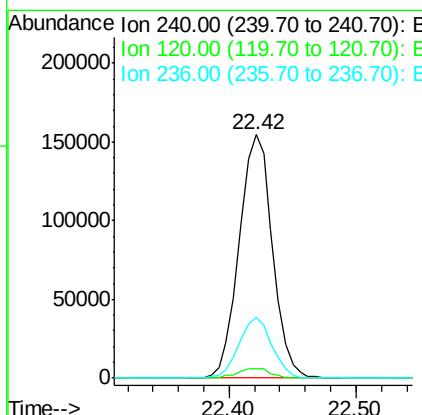
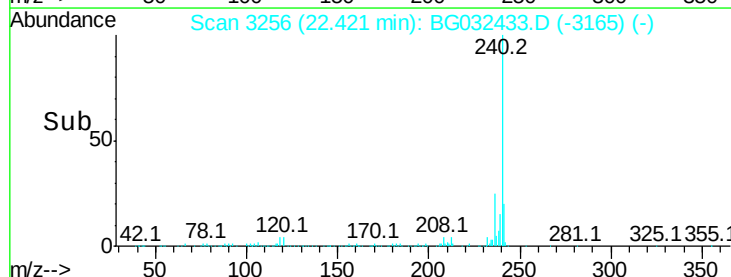


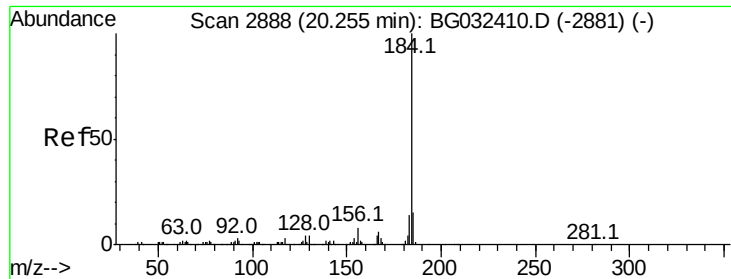
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.42 min Scan# 3256
 Delta R.T. 0.00 min
 Lab File: BG032433.D
 Acq: 30 Jan 2018 5:18

Tgt Ion:240 Resp: 281016
 Ion Ratio Lower Upper
 240 100
 120 3.9 6.8 10.2#
 236 24.7 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

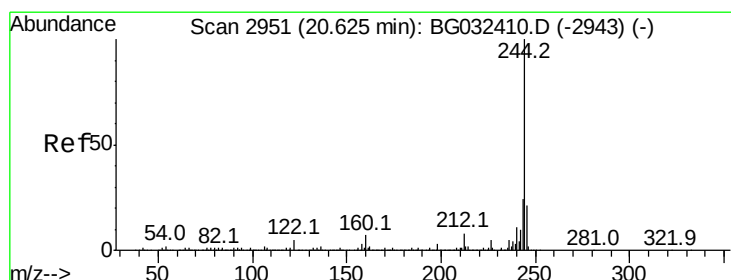
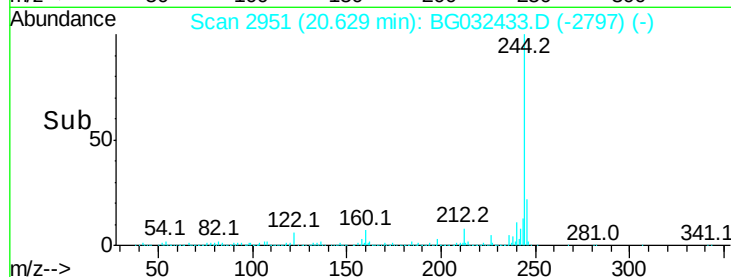
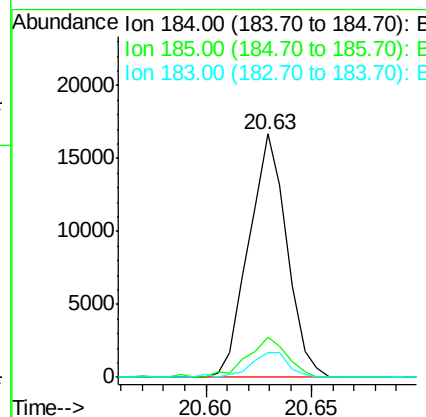
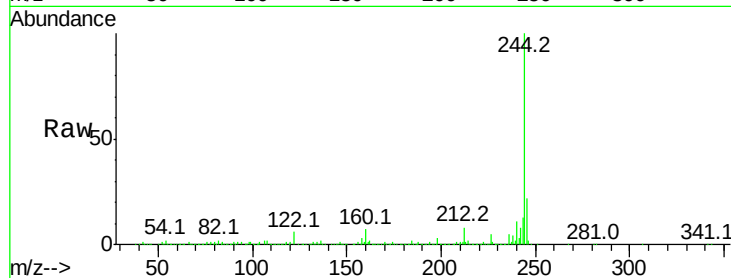




#76
Benzidine
Concen: 3.781 ng
RT: 20.63 min Scan# 2951
Delta R.T. 0.37 min
Lab File: BG032433.D
Acq: 30 Jan 2018 5:18

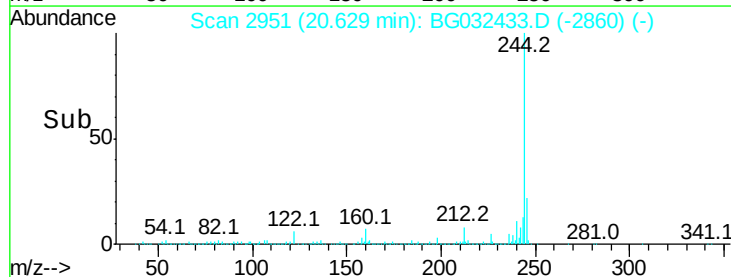
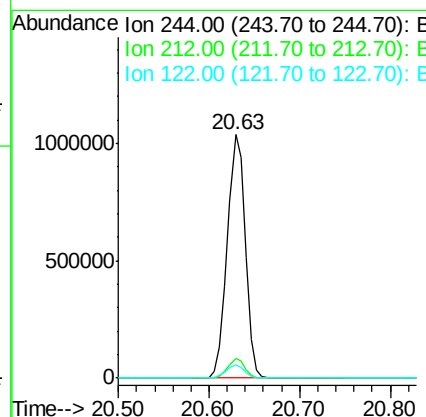
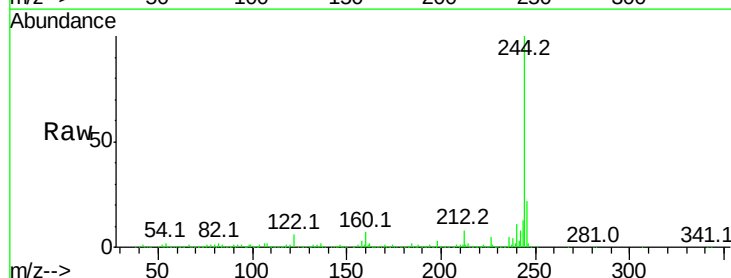
Instrument :
BNA_G
ClientSampleId :

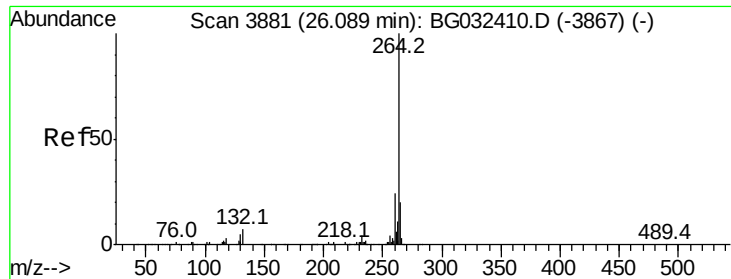
Tot Ion:184 Resp: 20863
Ion Ratio Lower Upper
184 100
185 16.2 11.1 16.7
183 9.9 10.6 16.0#



#78
Terphenyl-d14
Concen: 108.317 ng
RT: 20.63 min Scan# 2951
Delta R.T. 0.00 min
Lab File: BG032433.D
Acq: 30 Jan 2018 5:18

Tgt Ion:244 Resp: 1420991
Ion Ratio Lower Upper
244 100
212 8.1 5.8 8.8
122 5.7 7.0 10.4#





#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.10 min Scan# 3883
Delta R.T. 0.02 min
Lab File: BG032433.D
Acq: 30 Jan 2018 5:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.4	26.0
265	20.6	17.7	26.5

