

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021318\
 Data File : BG032675.D
 Acq On : 14 Feb 2018 1:47
 Operator : SJ/JU
 Sample : PB106456TB
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 14 03:54:33 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 12 18:08:01 2018
 Response via : Initial Calibration

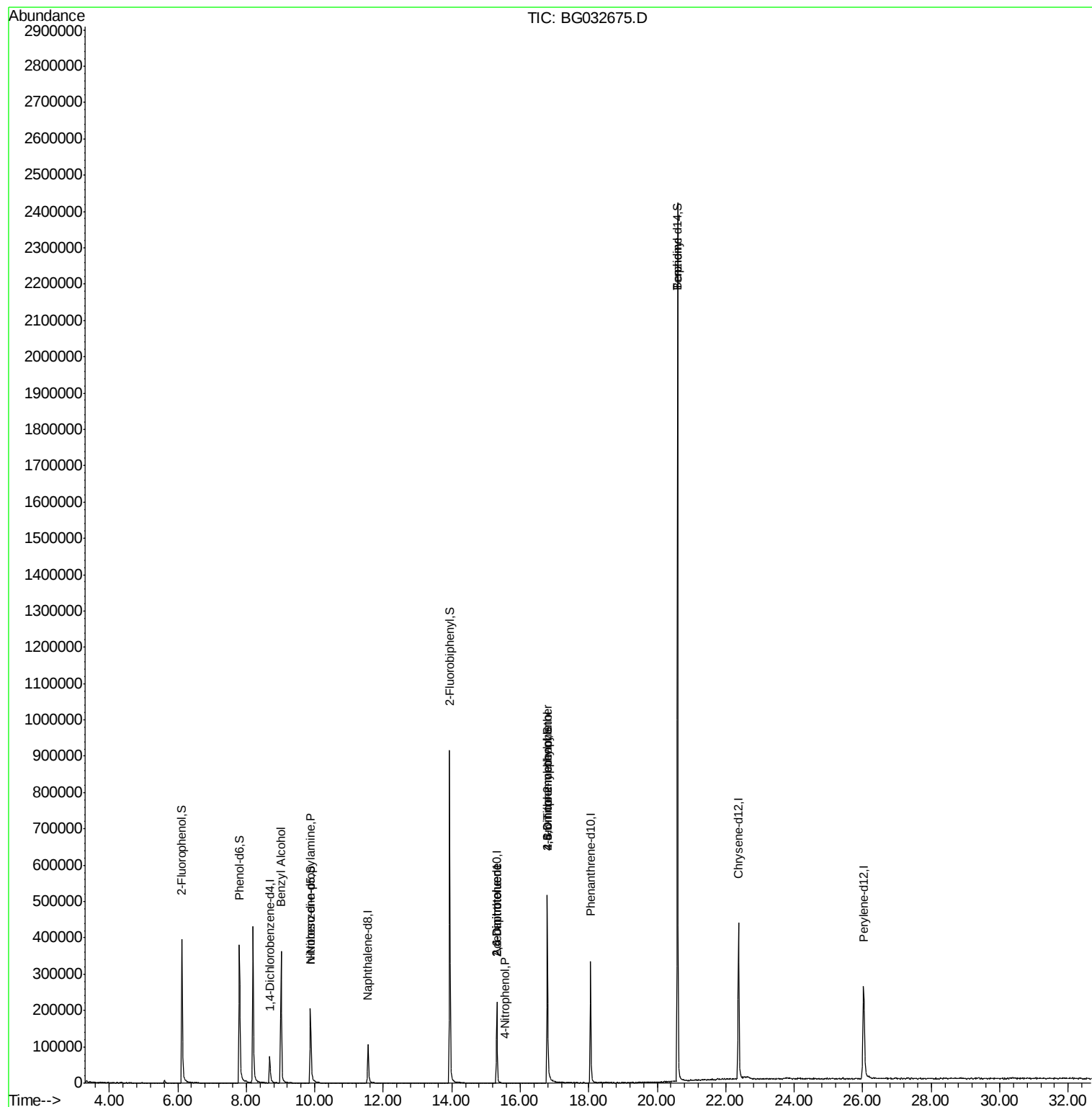
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.68	152	29064	20.00	ng	0.00
21) Naphthalene-d8	11.55	136	125627	20.00	ng	0.00
38) Acenaphthene-d10	15.31	164	91895	20.00	ng	0.00
63) Phenanthrene-d10	18.05	188	264316	20.00	ng	0.00
75) Chrysene-d12	22.37	240	356920	20.00	ng	0.00
86) Perylene-d12	26.03	264	360189	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.12	112	219179	151.30	ng	0.00
7) Phenol-d6	7.80	99	269921	136.27	ng	0.00
23) Nitrobenzene-d5	9.88	82	166102	84.03	ng	0.00
41) 2,4,6-Tribromophenol	16.80	330	122228	86.38	ng	0.00
44) 2-Fluorobiphenyl	13.94	172	590040	80.29	ng	0.00
78) Terphenyl-d14	20.59	244	1347480	86.05	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.01	79	3138	2.11	ng	# 52
19) n-Nitroso-di-n-propylamine	9.88	70	23352	17.54	ng	# 72
50) 2,6-Dinitrotoluene	15.31	165	11973	7.32	ng	# 22
55) 4-Nitrophenol	15.55	139	53	5.53	ng	# 1
56) 2,4-Dinitrotoluene	15.31	165	11973	5.31	ng	# 19
64) 4,6-Dinitro-2-methylphenol	16.78	198	360	5.19	ng	# 51
66) 4-Bromophenyl-phenylether	16.79	248	10749	2.84	ng	# 1
76) Benzydine	20.59	184	20420	2.43	ng	# 87

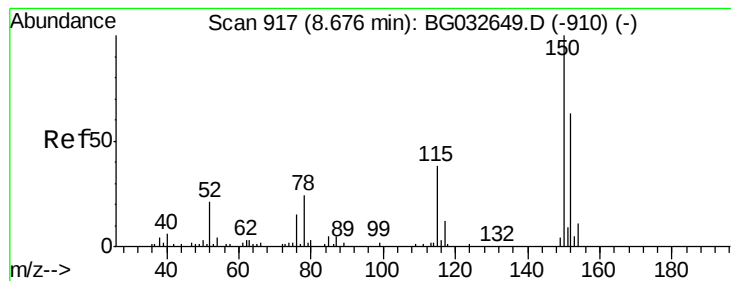
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021318\
Data File : BG032675.D
Acq On : 14 Feb 2018 1:47
Operator : SJ/JU
Sample : PB106456TB
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Feb 14 03:54:33 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 12 18:08:01 2018
Response via : Initial Calibration

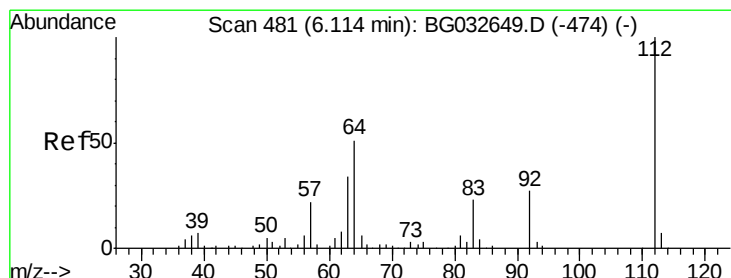
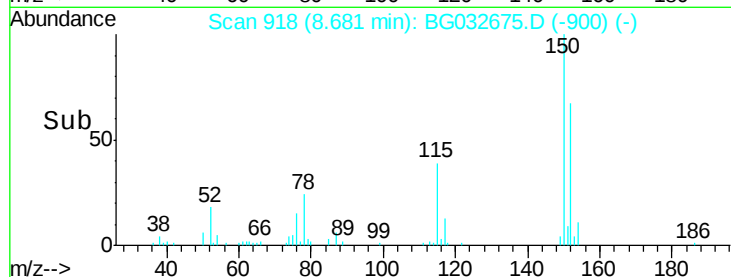
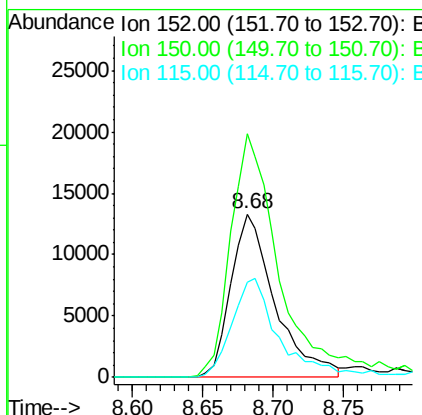
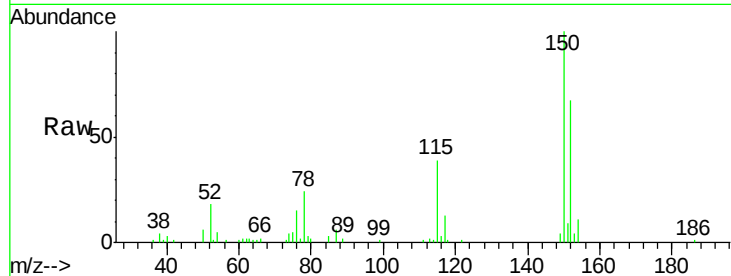




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.68 min Scan# 918
 Delta R.T. 0.01 min
 Lab File: BG032675.D
 Acq: 14 Feb 2018 1:47

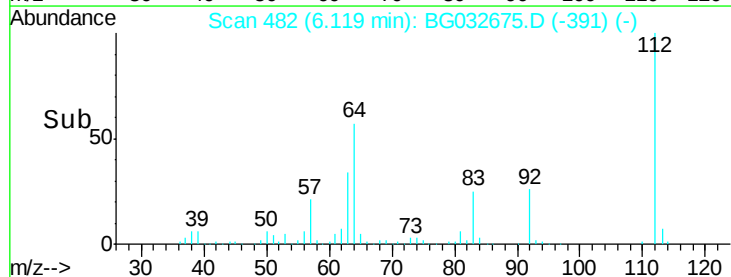
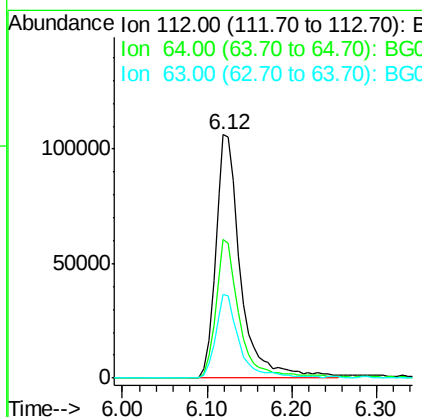
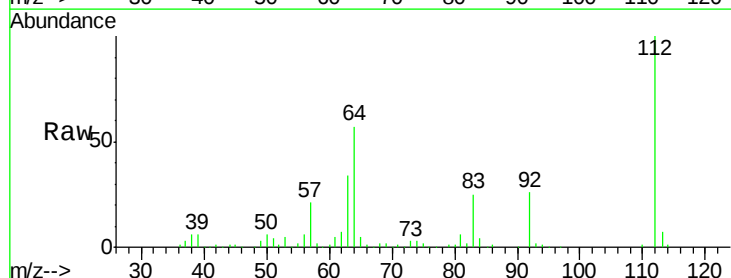
Instrument :
 BNA_G
 ClientSampleId :

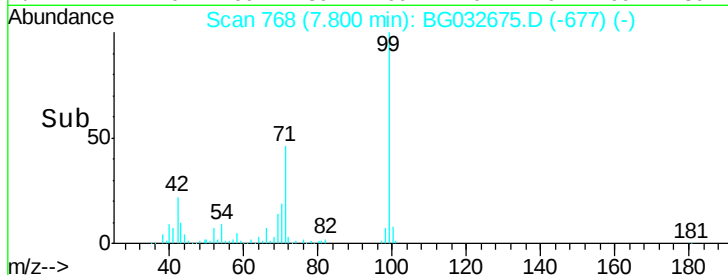
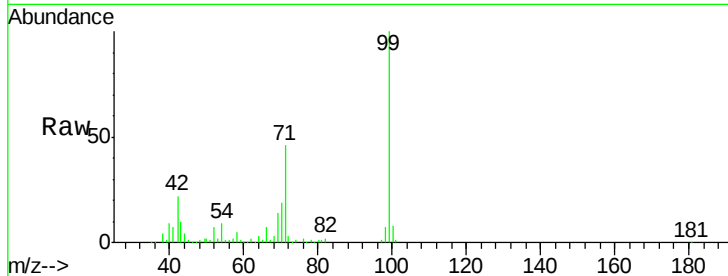
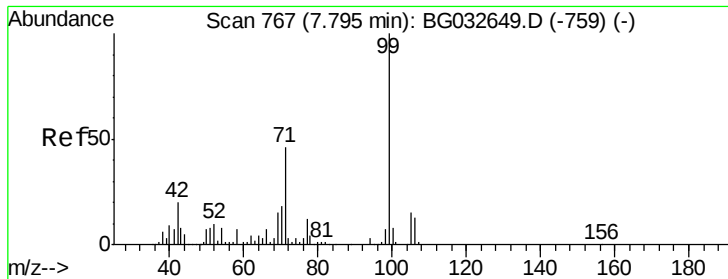
Tot Ion:152 Resp: 29064
 Ion Ratio Lower Upper
 152 100
 150 149.3 126.6 189.8
 115 58.1 53.0 79.4



#5
 2-Fluorophenol
 Concen: 151.30 ng
 RT: 6.12 min Scan# 482
 Delta R.T. 0.01 min
 Lab File: BG032675.D
 Acq: 14 Feb 2018 1:47

Tgt Ion:112 Resp: 219179
 Ion Ratio Lower Upper
 112 100
 64 56.8 56.3 84.5
 63 34.1 30.1 45.1





#7

Phenol-d6

Concen: 136.27 ng

RT: 7.80 min Scan# 768

Delta R.T. 0.01 min

Lab File: BG032675.D

Acq: 14 Feb 2018 1:47

Instrument :

BNA_G

ClientSampleId :

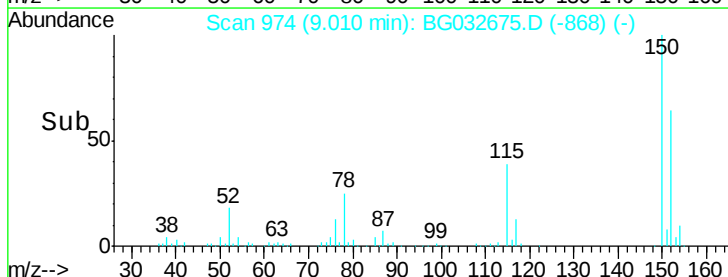
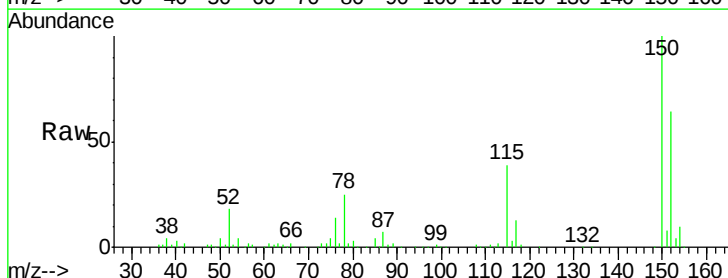
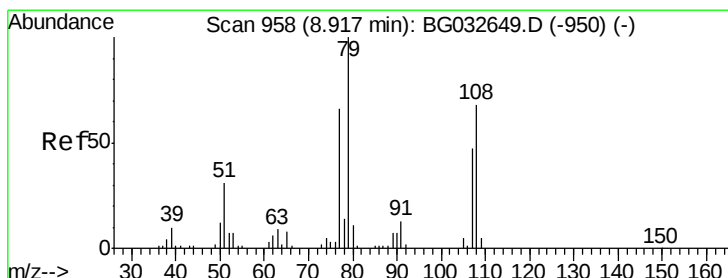
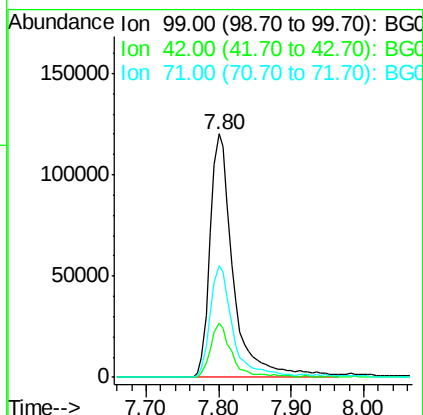
Tot Ion: 99 Resp: 269921

Ion Ratio Lower Upper

99 100

42 22.4 14.1 21.1#

71 45.7 26.1 39.1#



#15

Benzyl Alcohol

Concen: 2.11 ng

RT: 9.01 min Scan# 974

Delta R.T. 0.09 min

Lab File: BG032675.D

Acq: 14 Feb 2018 1:47

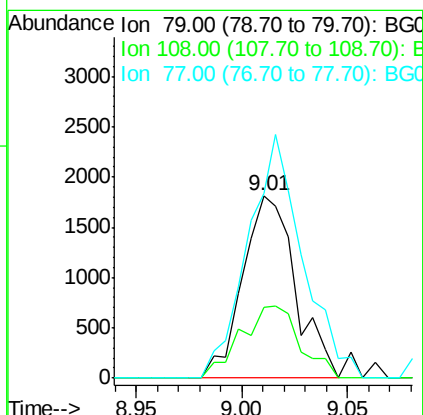
Tgt Ion: 79 Resp: 3138

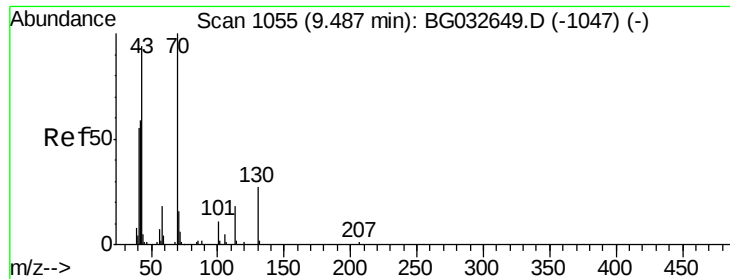
Ion Ratio Lower Upper

79 100

108 38.9 57.2 85.8#

77 101.4 46.1 69.1#

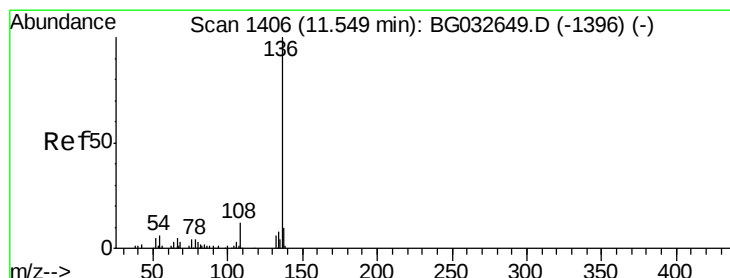
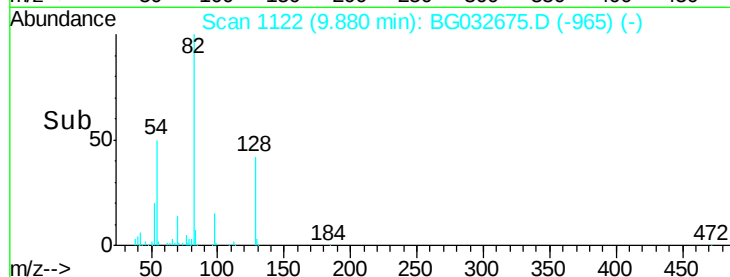
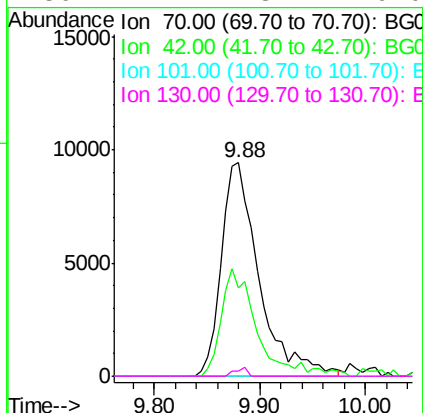
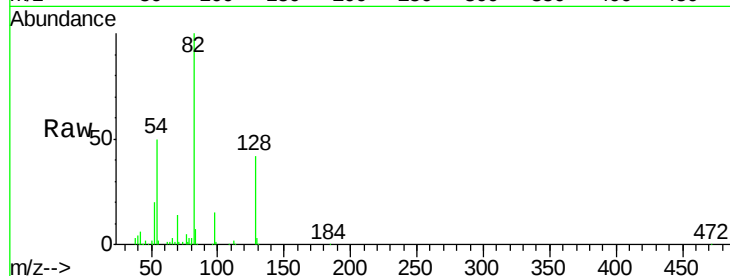




#19
n-Nitroso-di-n-propylamine
Concen: 17.54 ng
RT: 9.88 min Scan# 1122
Delta R.T. 0.39 min
Lab File: BG032675.D
Acq: 14 Feb 2018 1:47

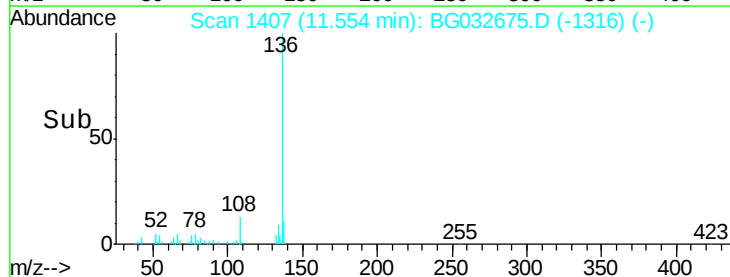
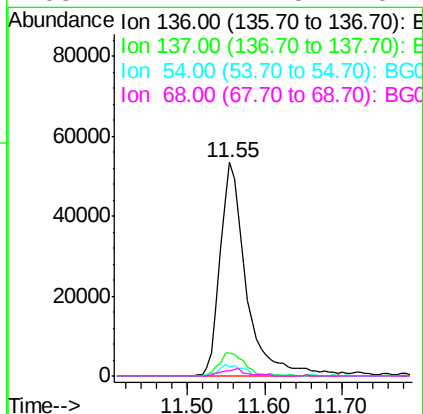
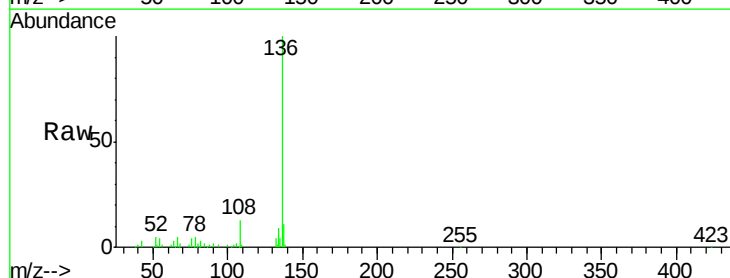
Instrument :
BNA_G
ClientSampleId :

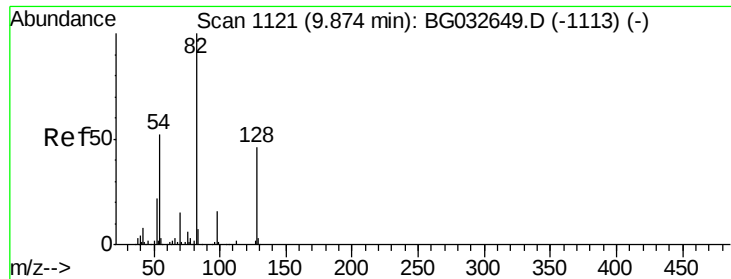
Tot Ion: 70 Resp: 23352
Ion Ratio Lower Upper
70 100
42 41.1 49.1 73.7#
101 0.0 8.5 12.7#
130 2.2 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.55 min Scan# 1407
Delta R.T. 0.01 min
Lab File: BG032675.D
Acq: 14 Feb 2018 1:47

Tgt Ion: 136 Resp: 125627
Ion Ratio Lower Upper
136 100
137 10.6 9.2 13.8
54 4.4 10.3 15.5#
68 2.4 4.5 6.7#

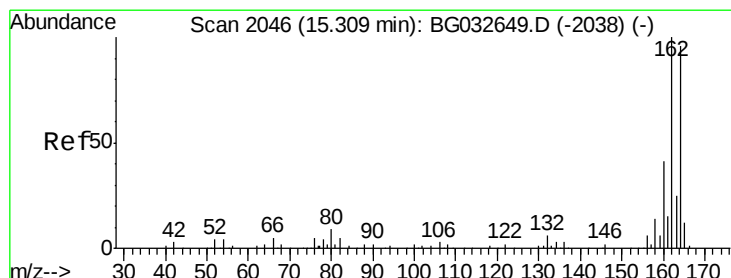
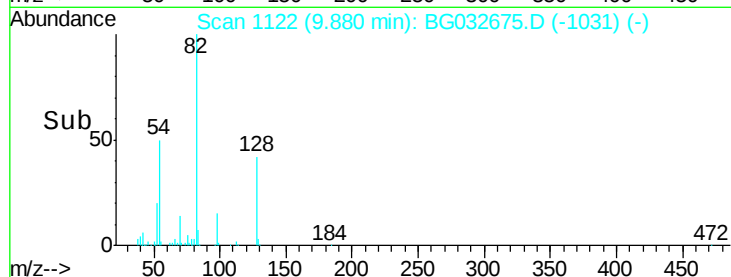
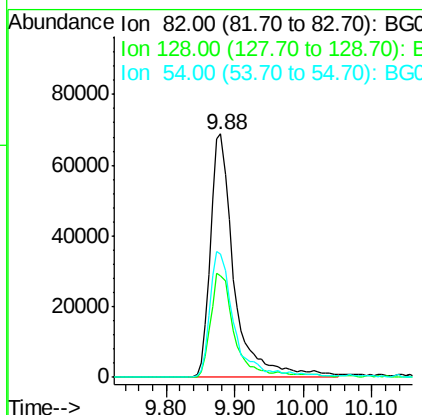
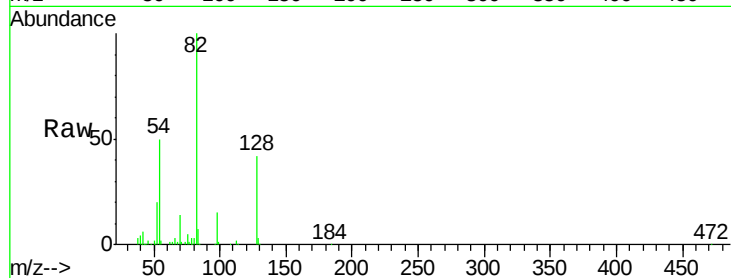




#23
 Nitrobenzene-d5
 Concen: 84.03 ng
 RT: 9.88 min Scan# 1122
 Delta R.T. 0.01 min
 Lab File: BG032675.D
 Acq: 14 Feb 2018 1:47

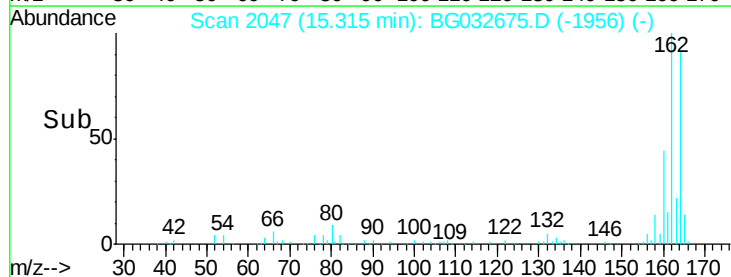
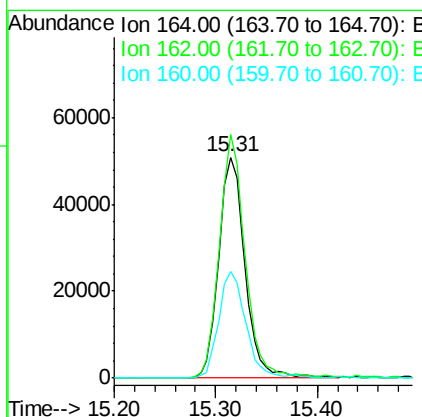
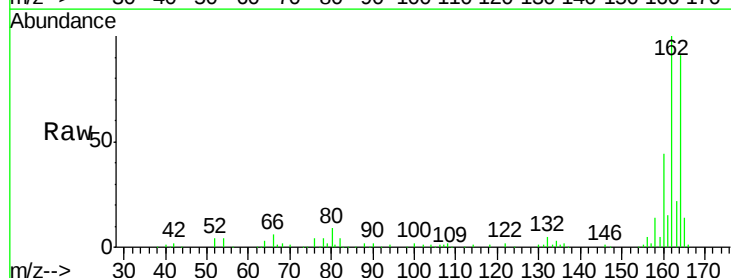
Instrument :
 BNA_G
 ClientSampleId :

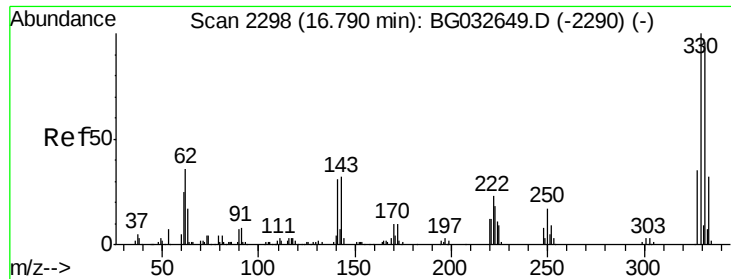
Tot Ion	82	Resp	166102
Ion Ratio	Lower	Upper	
82	100		
128	41.8	29.7	44.5
54	50.4	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.31 min Scan# 2047
 Delta R.T. 0.01 min
 Lab File: BG032675.D
 Acq: 14 Feb 2018 1:47

Tgt Ion	164	Resp	91895
Ion Ratio	Lower	Upper	
164	100		
162	110.1	78.8	118.2
160	48.3	35.4	53.0

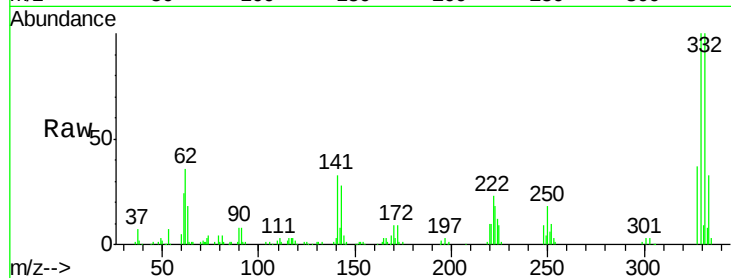




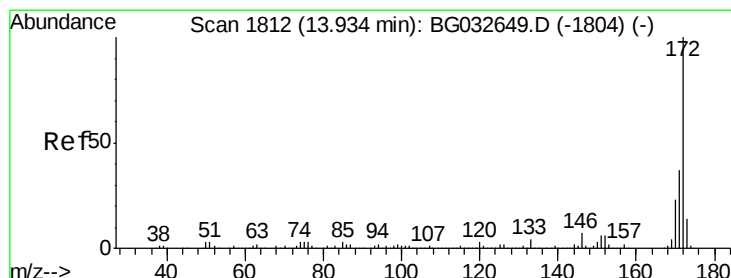
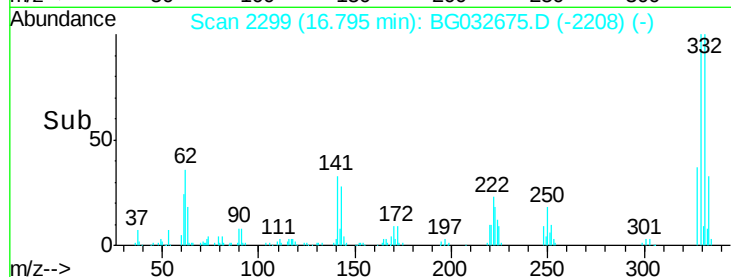
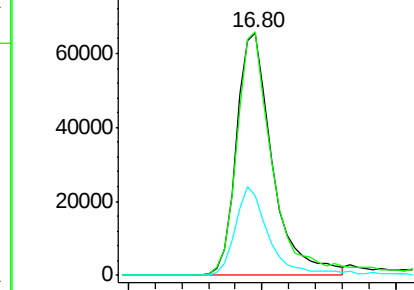
#41
 2,4,6-Tribromophenol
 Concen: 86.38 ng
 RT: 16.80 min Scan# 2299
 Delta R.T. 0.01 min
 Lab File: BG032675.D
 Acq: 14 Feb 2018 1:47

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	102.5	77.0	115.6
141	33.0	25.2	37.8

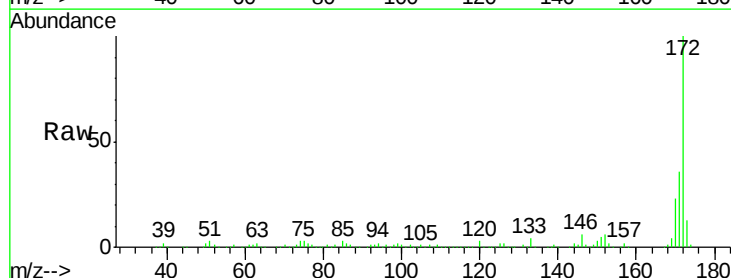


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

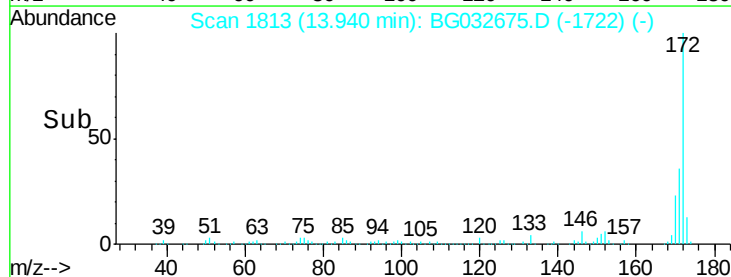
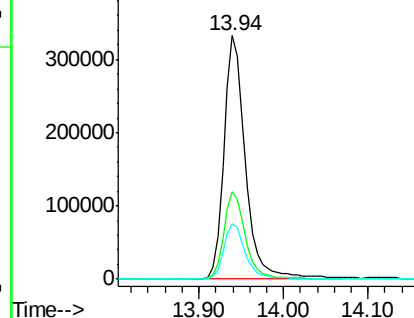


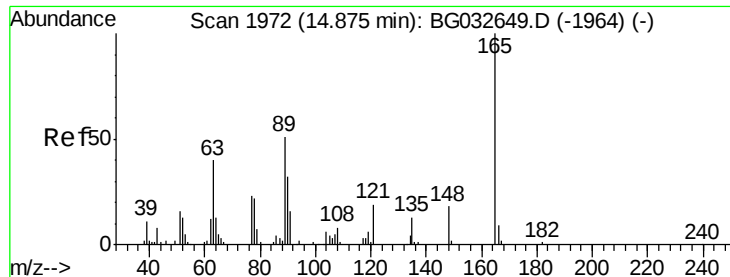
#44
 2-Fluorobiphenyl
 Concen: 80.29 ng
 RT: 13.94 min Scan# 1813
 Delta R.T. 0.01 min
 Lab File: BG032675.D
 Acq: 14 Feb 2018 1:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	30.0	45.0
170	22.9	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

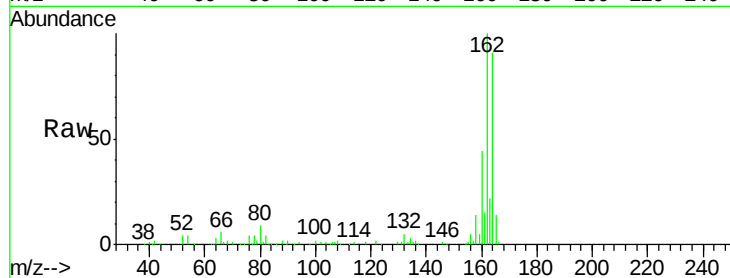




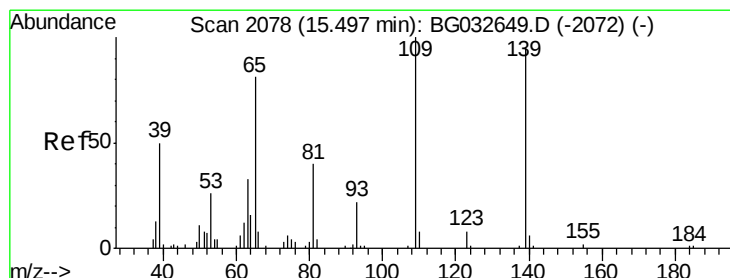
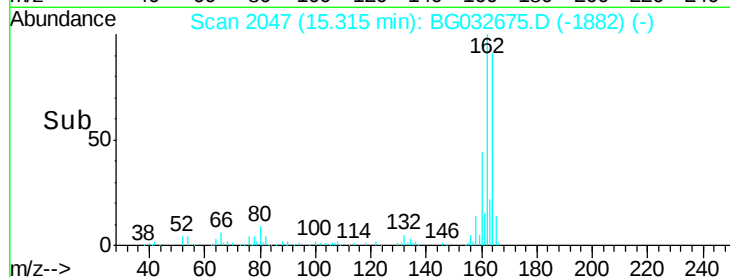
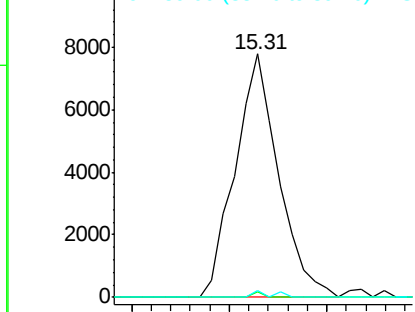
#50
2,6-Dinitrotoluene
Concen: 7.32 ng
RT: 15.31 min Scan# 2047
Delta R.T. 0.44 min
Lab File: BG032675.D
Acq: 14 Feb 2018 1:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 11973
Ion Ratio Lower Upper
165 100
63 2.4 52.7 79.1#
89 2.6 49.2 73.8#

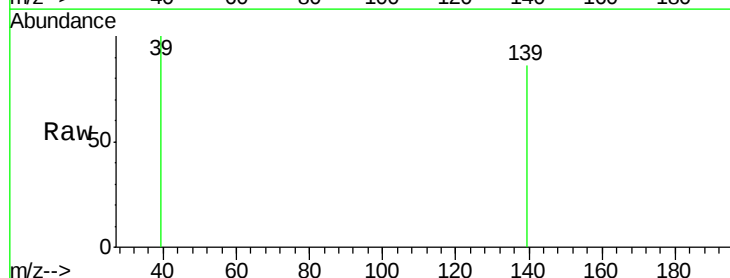


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGO
Ion 89.00 (88.70 to 89.70): BGO

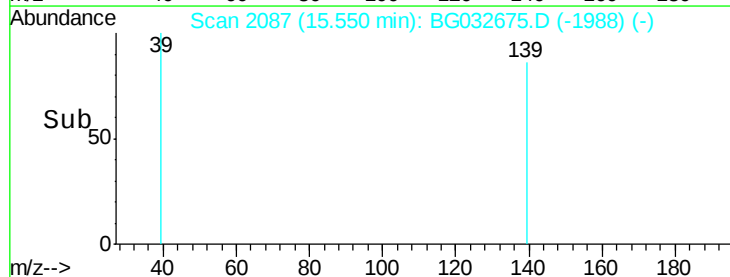
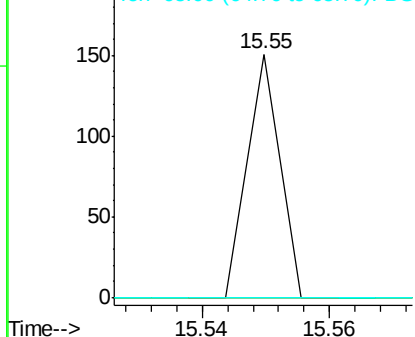


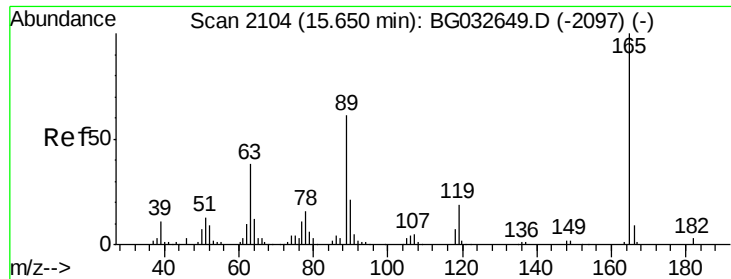
#55
4-Nitrophenol
Concen: 5.53 ng
RT: 15.55 min Scan# 2087
Delta R.T. 0.05 min
Lab File: BG032675.D
Acq: 14 Feb 2018 1:47

Tgt Ion:139 Resp: 53
Ion Ratio Lower Upper
139 100
109 0.0 62.2 102.2#
65 0.0 97.2 137.2#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGO

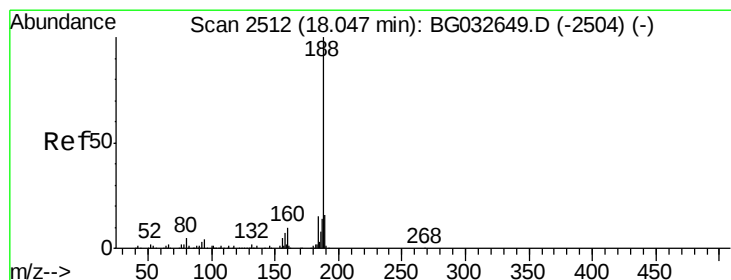
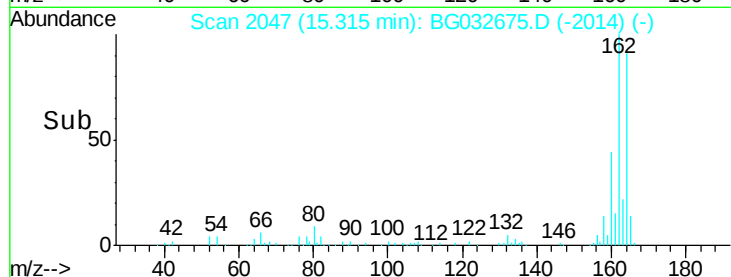
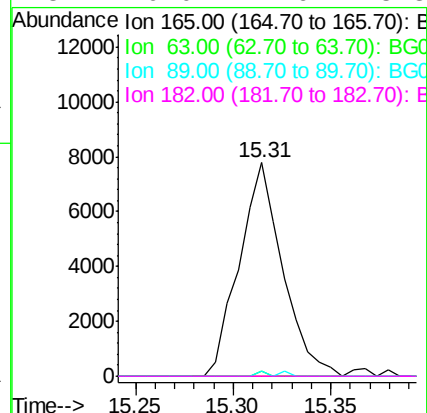
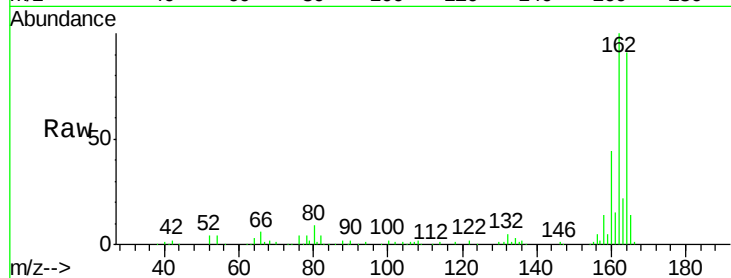




#56
 2,4-Dinitrotoluene
 Concen: 5.31 ng
 RT: 15.31 min Scan# 2047
 Delta R.T. -0.34 min
 Lab File: BG032675.D
 Acq: 14 Feb 2018 1:47

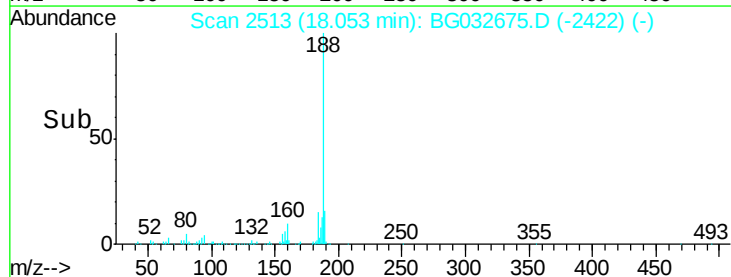
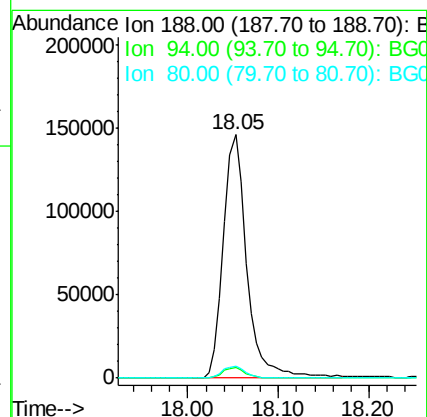
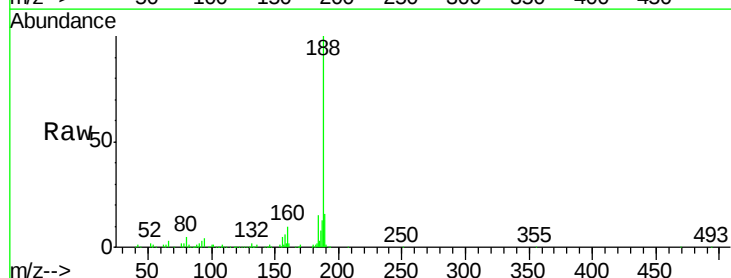
Instrument :
 BNA_G
 ClientSampleId :

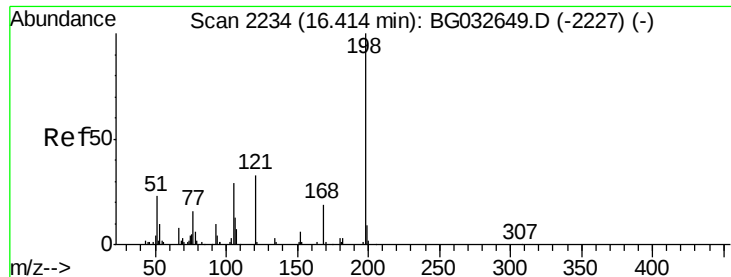
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.4	42.0	63.0#
89	2.6	66.9	100.3#
182	0.0	2.6	3.8#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 18.05 min Scan# 2513
 Delta R.T. 0.01 min
 Lab File: BG032675.D
 Acq: 14 Feb 2018 1:47

Tgt Ion	Ratio	Lower	Upper
188	100		
94	4.1	6.9	10.3#
80	4.9	7.7	11.5#

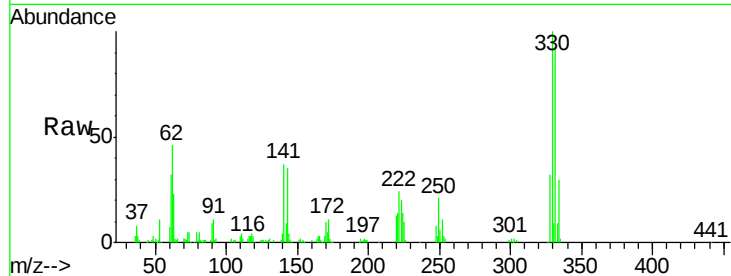




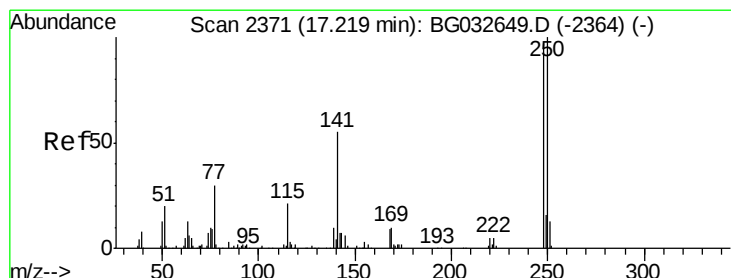
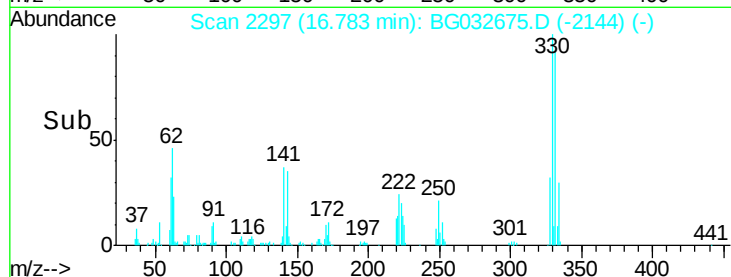
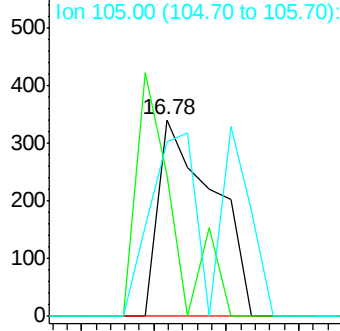
#64
4,6-Dinitro-2-methylphenol
Concen: 5.19 ng
RT: 16.78 min Scan# 2297
Delta R.T. 0.37 min
Lab File: BG032675.D
Acq: 14 Feb 2018 1:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:198 Resp: 360
Ion Ratio Lower Upper
198 100
51 71.6 30.6 70.6#
105 88.9 23.8 63.8#

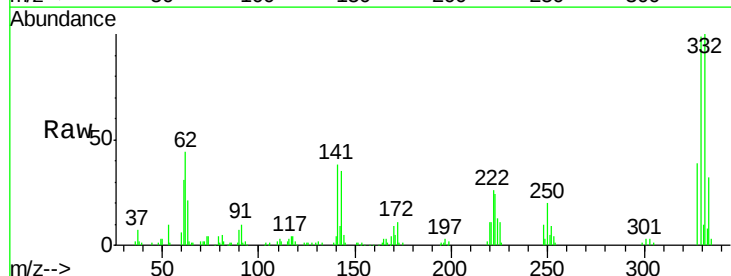


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BGC
Ion 105.00 (104.70 to 105.70): E

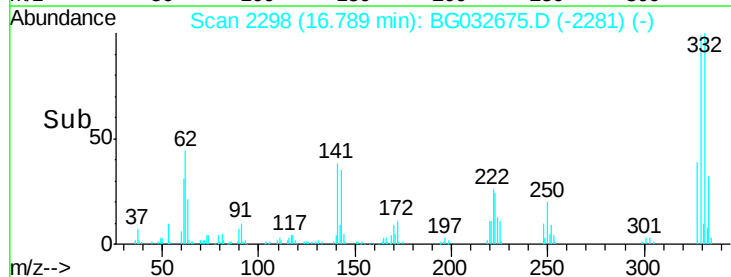
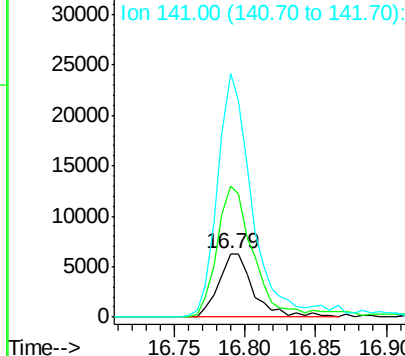


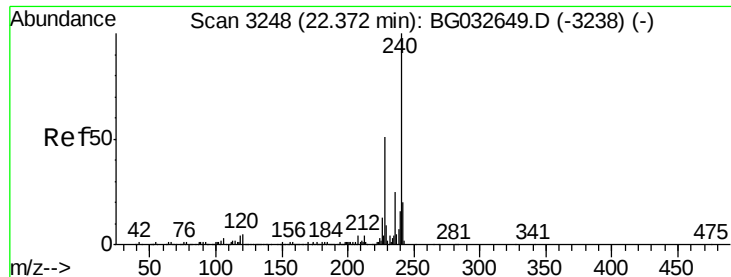
#66
4-Bromophenyl-phenylether
Concen: 2.84 ng
RT: 16.79 min Scan# 2298
Delta R.T. -0.43 min
Lab File: BG032675.D
Acq: 14 Feb 2018 1:47

Tgt Ion:248 Resp: 10749
Ion Ratio Lower Upper
248 100
250 206.8 77.1 115.7#
141 383.5 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: 20.00 ng

RT: 22.37 min Scan# 3248

Delta R.T. -0.00 min

Lab File: BG032675.D

Acq: 14 Feb 2018 1:47

Instrument :

BNA_G

ClientSampleId :

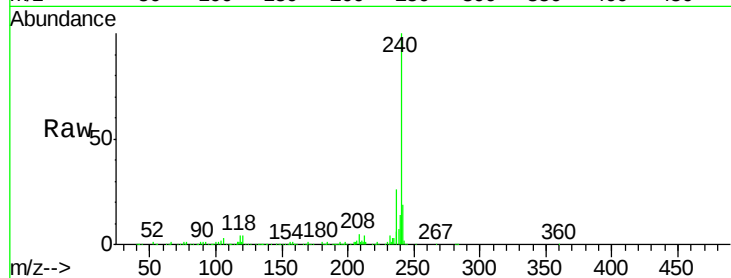
Tot Ion:240 Resp: 356920

Ion Ratio Lower Upper

240 100

120 4.0 6.8 10.2#

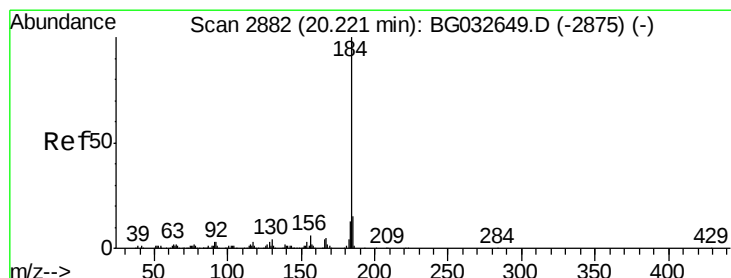
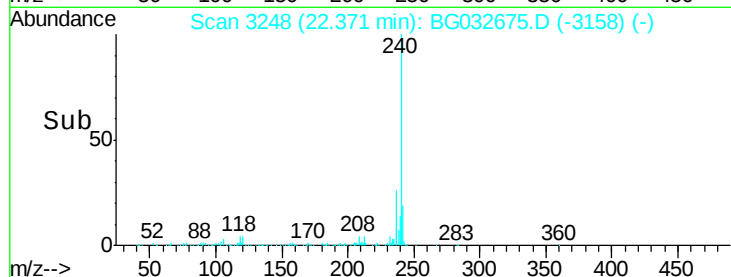
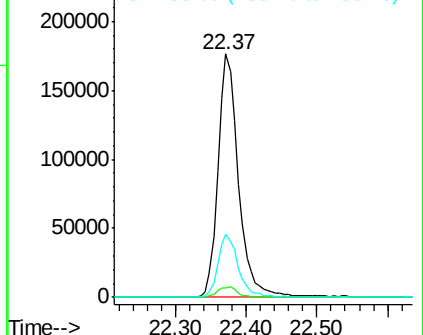
236 26.0 20.9 31.3



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: 2.43 ng

RT: 20.59 min Scan# 2945

Delta R.T. 0.37 min

Lab File: BG032675.D

Acq: 14 Feb 2018 1:47

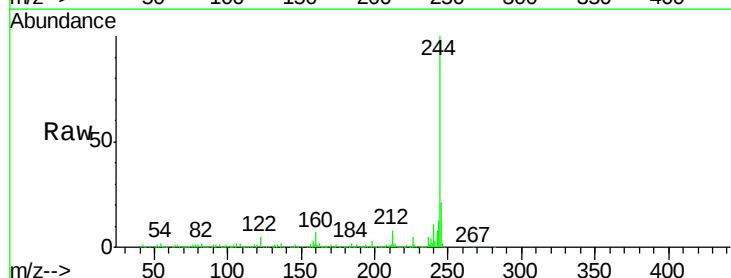
Tgt Ion:184 Resp: 20420

Ion Ratio Lower Upper

184 100

185 18.3 11.1 16.7#

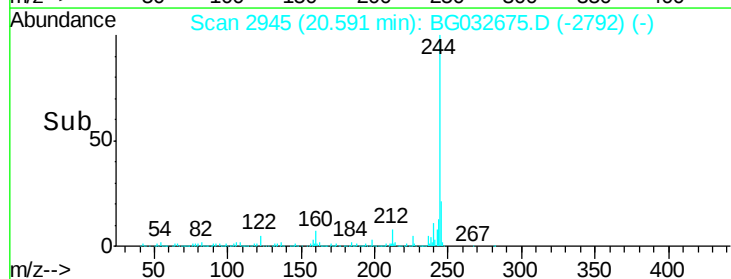
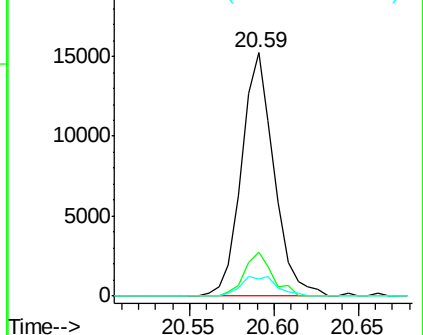
183 6.9 10.6 16.0#

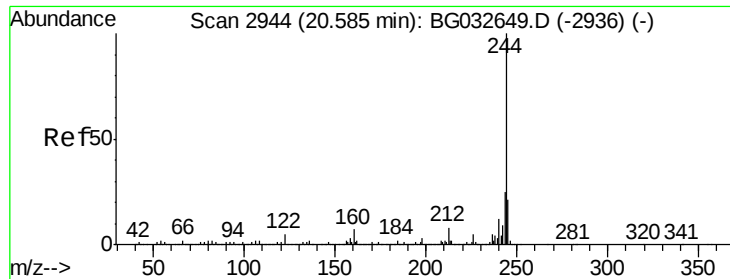


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 86.05 ng

RT: 20.59 min Scan# 2945

Delta R.T. 0.01 min

Lab File: BG032675.D

Acq: 14 Feb 2018 1:47

Instrument :

BNA_G

ClientSampleId :

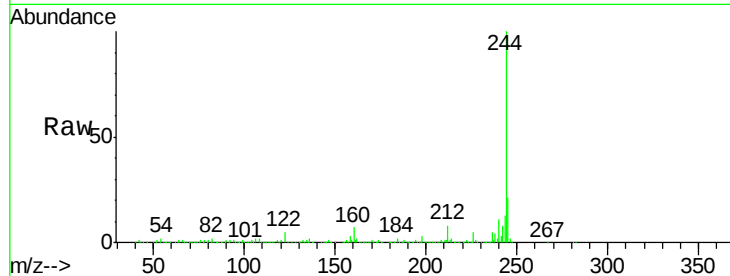
Tot Ion:244 Resp: 1347480

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

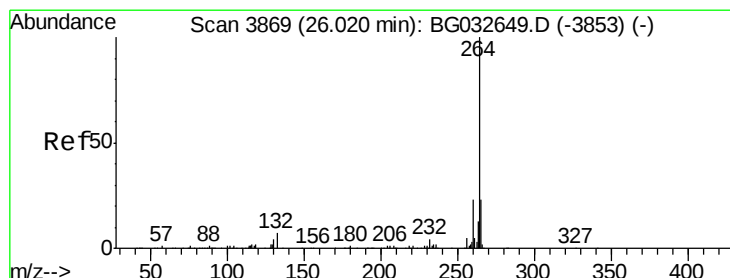
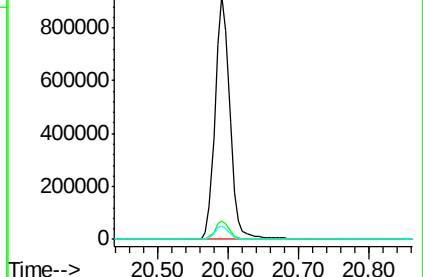
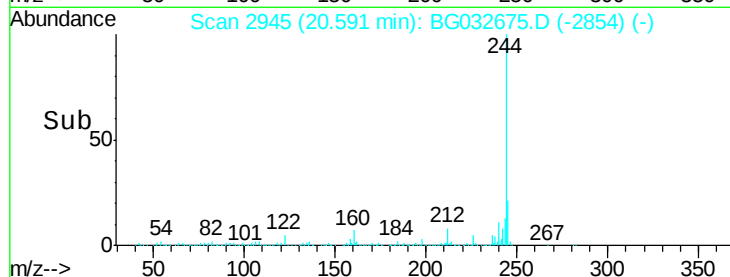
122 5.5 7.0 10.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 26.03 min Scan# 3870

Delta R.T. 0.01 min

Lab File: BG032675.D

Acq: 14 Feb 2018 1:47

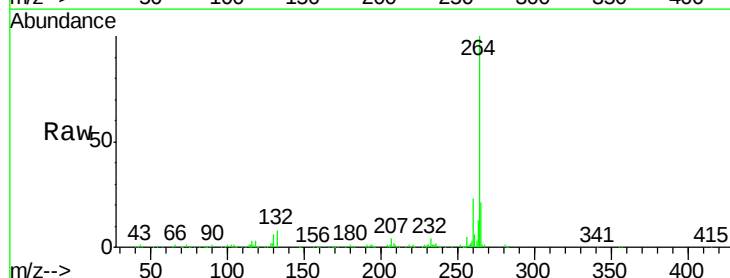
Tgt Ion:264 Resp: 360189

Ion Ratio Lower Upper

264 100

260 23.2 17.4 26.0

265 21.3 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

