

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101718\
 Data File : BG037398.D
 Acq On : 17 Oct 2018 20:07
 Operator : JU/SJ
 Sample : J5539-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-10-5-7FT

Quant Time: Oct 18 11:43:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 17 15:19:35 2018
 Response via : Initial Calibration

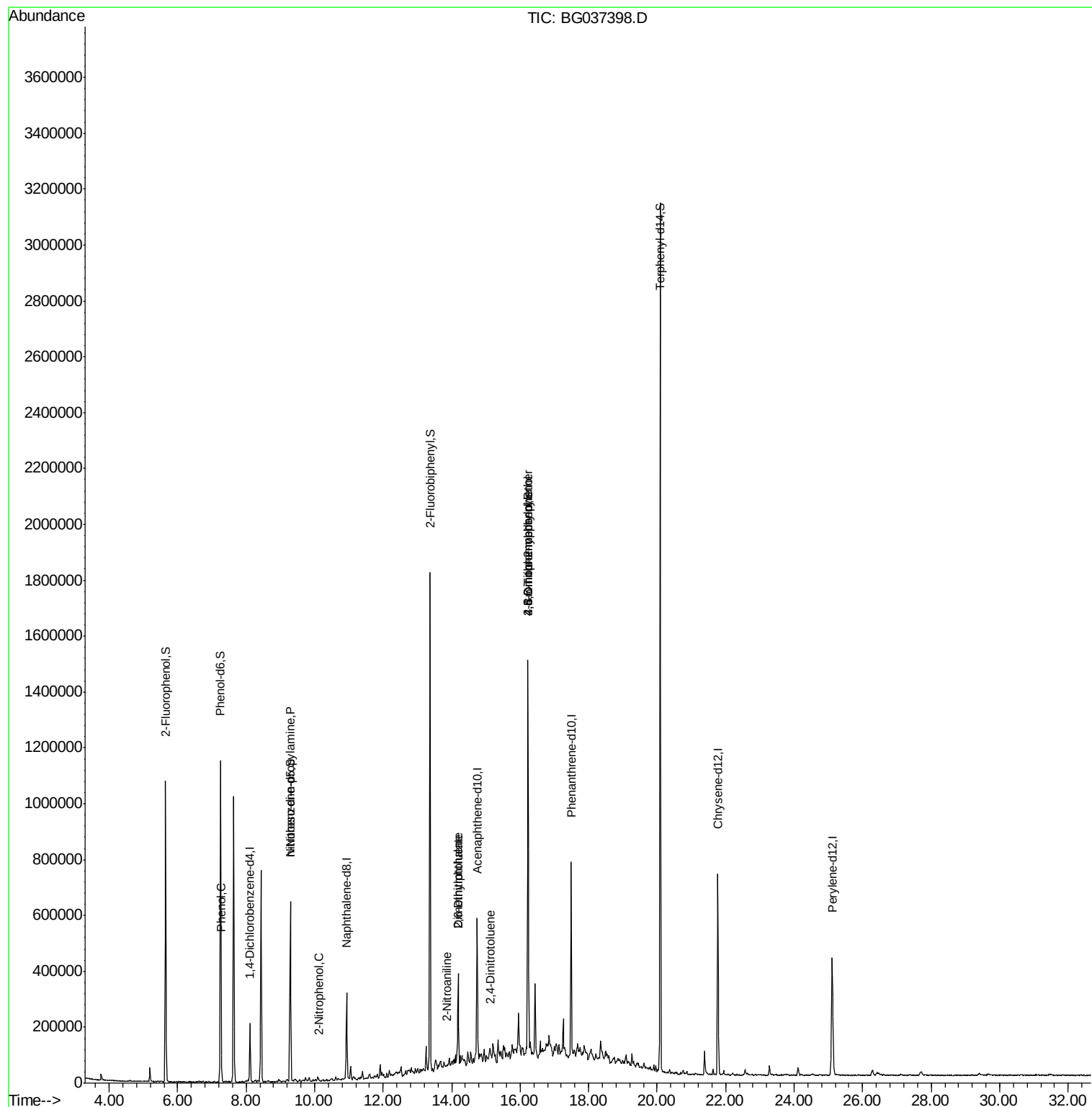
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	62816	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	276736	20.00	ng	-0.02
39) Acenaphthene-d10	14.74	164	181657	20.00	ng	-0.02
64) Phenanthrene-d10	17.49	188	432903	20.00	ng	-0.02
76) Chrysene-d12	21.77	240	444038	20.00	ng	-0.02
87) Perylene-d12	25.11	264	457201	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	488930	136.98	ng	0.00
7) Phenol-d6	7.25	99	708342	130.75	ng	0.00
23) Nitrobenzene-d5	9.29	82	405866	96.42	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	242261	135.98	ng	-0.02
45) 2-Fluorobiphenyl	13.37	172	957683	79.17	ng	-0.02
79) Terphenyl-d14	20.09	244	1464154	69.24	ng	-0.02
Target Compounds						
10) Phenol	7.27	94	30619	5.366	ng	97
19) n-Nitroso-di-n-propylamine	9.29	70	51100	12.458	ng	# 71
26) 2-Nitrophenol	10.13	139	66	2.193	ng	# 34
48) 2-Nitroaniline	13.85	65	257	5.829	ng	# 18
50) Dimethylphthalate	14.19	163	130200	9.120	ng	99
51) 2,6-Dinitrotoluene	14.19	165	1586	5.325	ng	# 39
57) 2,4-Dinitrotoluene	15.13	165	812	5.538	ng	# 62
65) 4,6-Dinitro-2-methylphenol	16.23	198	1216	6.732	ng	81
67) 4-Bromophenyl-phenylether	16.23	248	18196	3.895	ng	# 1

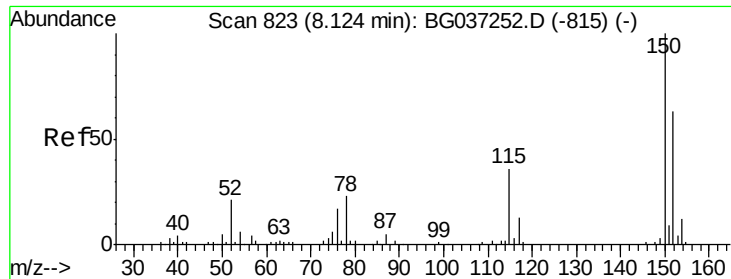
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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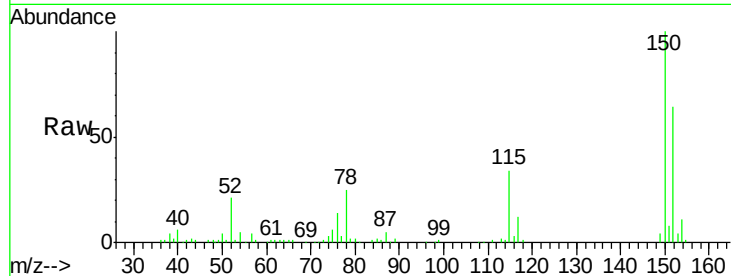


#1

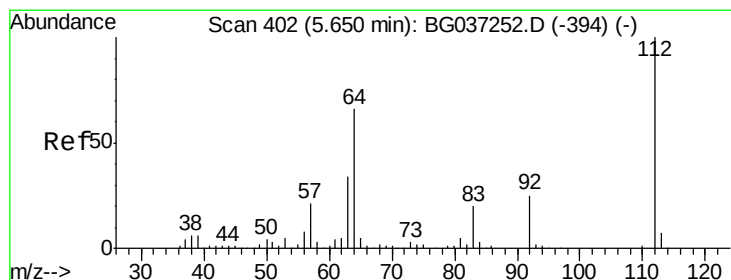
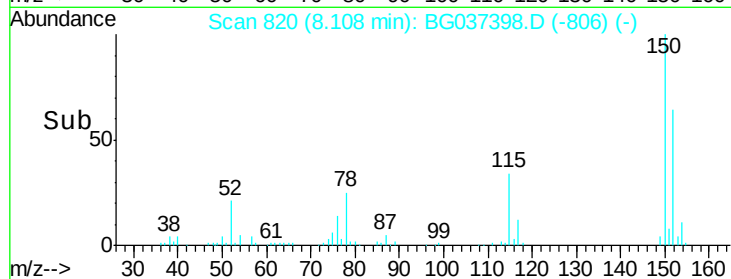
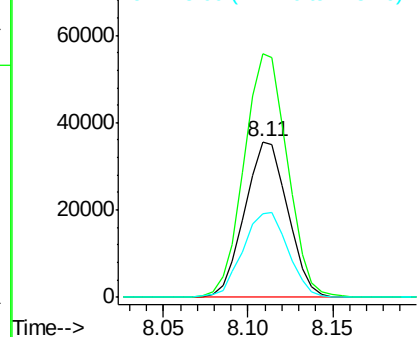
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.02 min
Lab File: BG037398.D
Acq: 17 Oct 2018 20:07

Instrument :
BNA_G
ClientSampleId :
SB-10-5-7FT

Tgt Ion:152 Resp: 62816
Ion Ratio Lower Upper
152 100
150 156.4 126.0 189.0
115 53.6 45.5 68.3



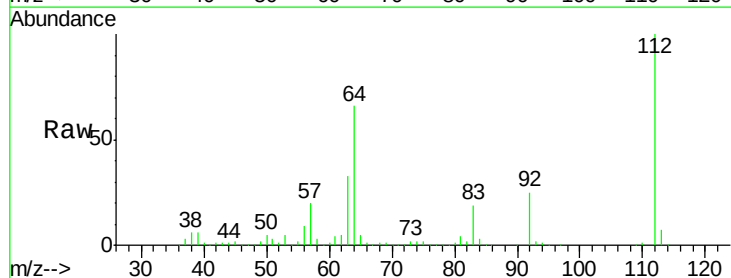
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



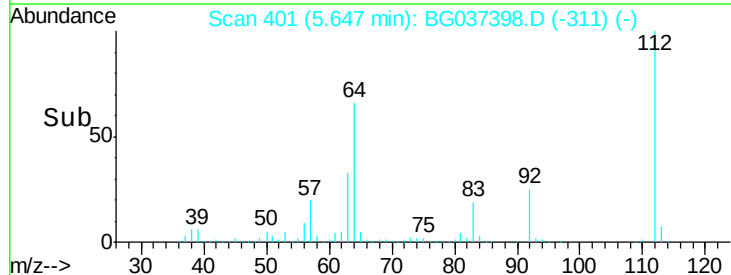
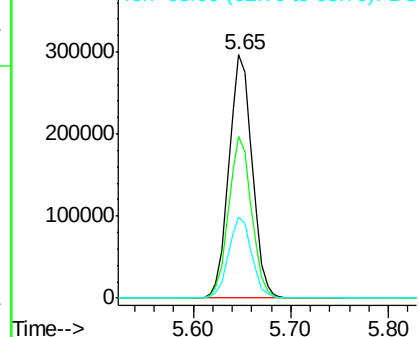
#5

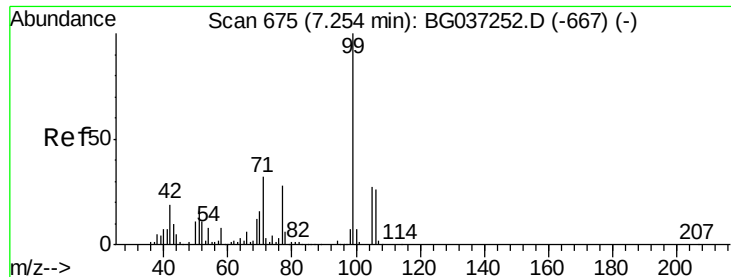
2-Fluorophenol
Concen: 136.983 ng
RT: 5.65 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037398.D
Acq: 17 Oct 2018 20:07

Tgt Ion:112 Resp: 488930
Ion Ratio Lower Upper
112 100
64 66.3 53.1 79.7
63 33.2 27.3 40.9



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: 130.749 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037398.D

Acq: 17 Oct 2018 20:07

Instrument :

BNA_G

ClientSampleId :

SB-10-5-7FT

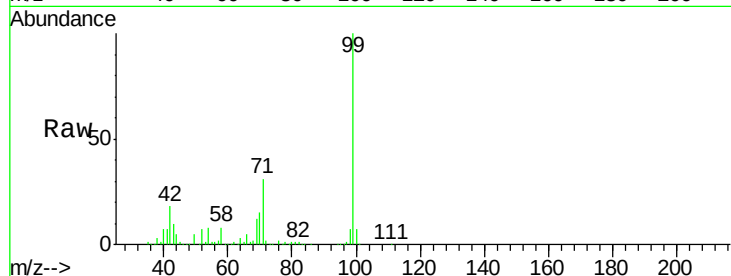
Tgt Ion: 99 Resp: 708342

Ion Ratio Lower Upper

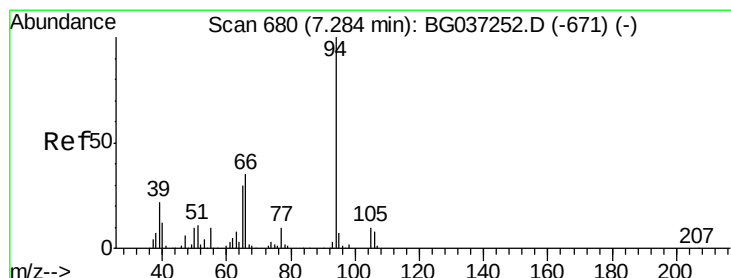
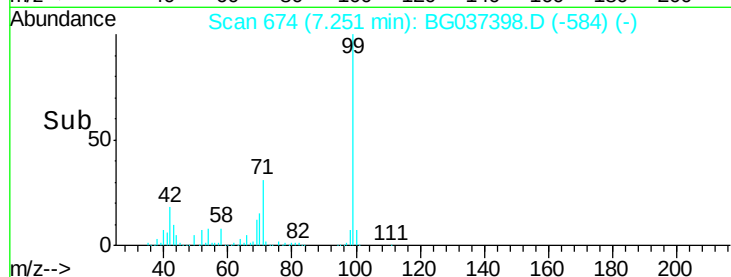
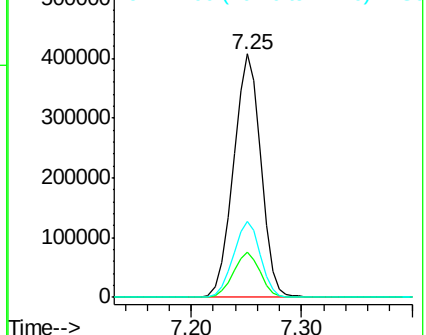
99 100

42 18.4 15.0 22.4

71 31.0 25.5 38.3



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



#10

Phenol

Concen: 5.366 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.01 min

Lab File: BG037398.D

Acq: 17 Oct 2018 20:07

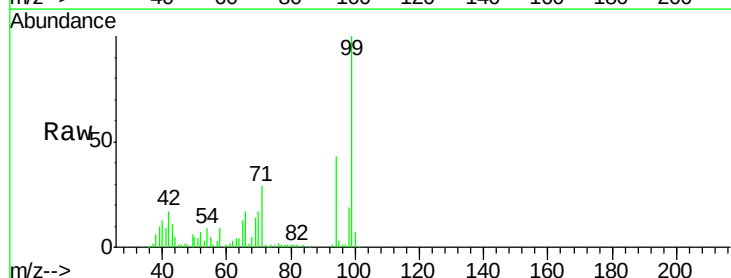
Tgt Ion: 94 Resp: 30619

Ion Ratio Lower Upper

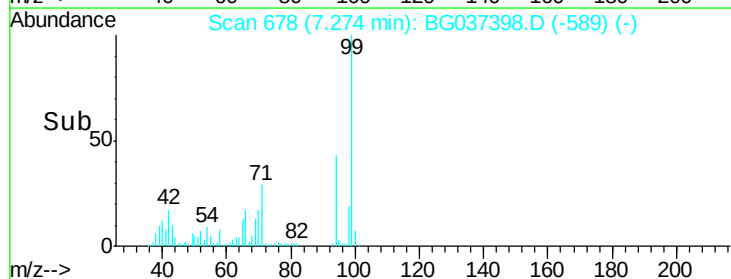
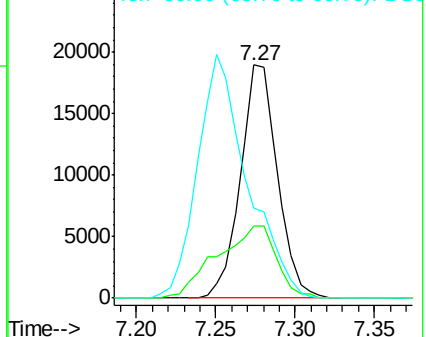
94 100

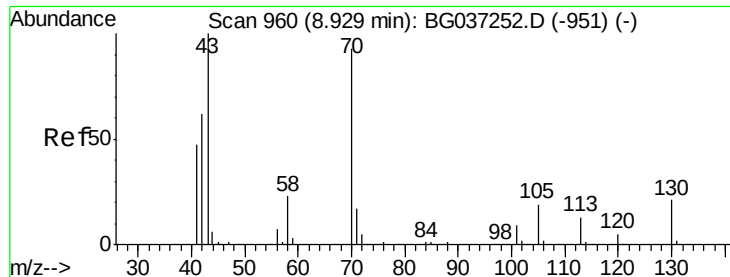
65 30.7 9.7 49.7

66 38.6 15.9 55.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

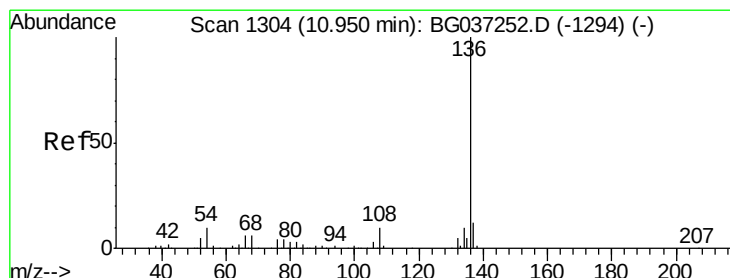
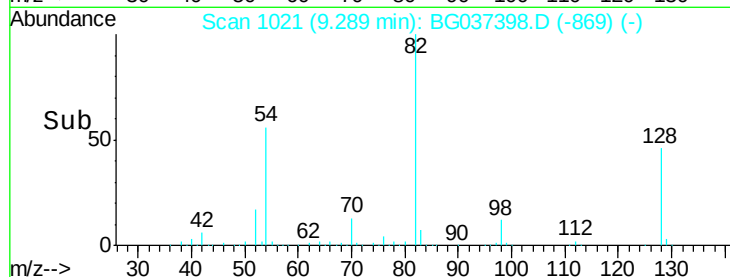
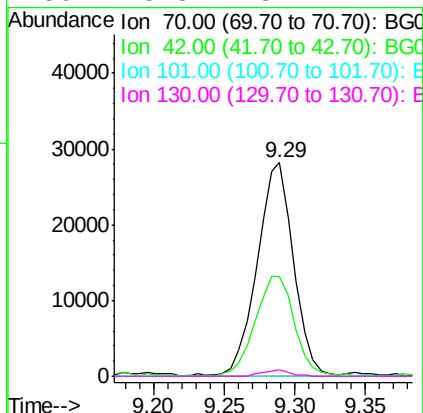
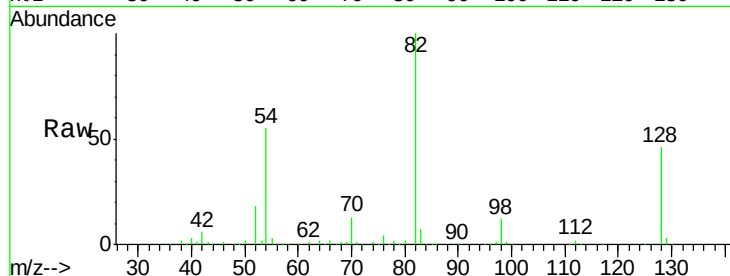




#19
n-Nitroso-di-n-propylamine
Concen: 12.458 ng
RT: 9.29 min Scan# 1021
Delta R.T. 0.36 min
Lab File: BG037398.D
Acq: 17 Oct 2018 20:07

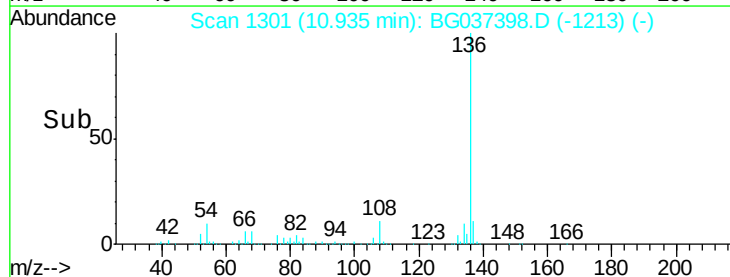
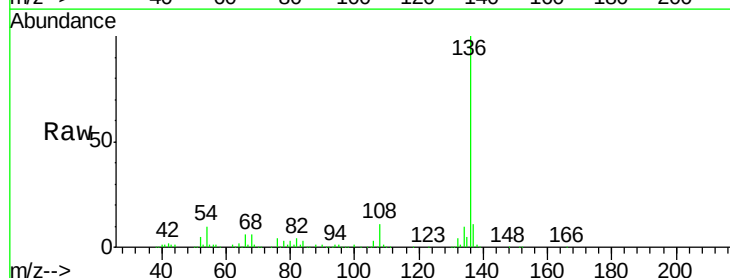
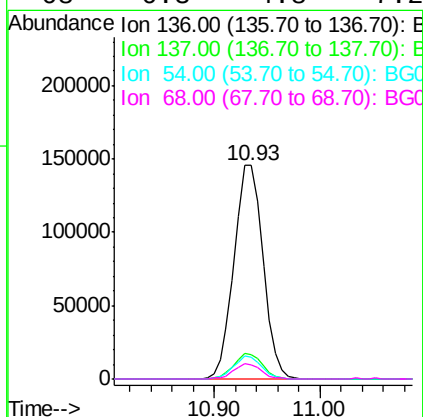
Instrument :
BNA_G
ClientSampleId :
SB-10-5-7FT

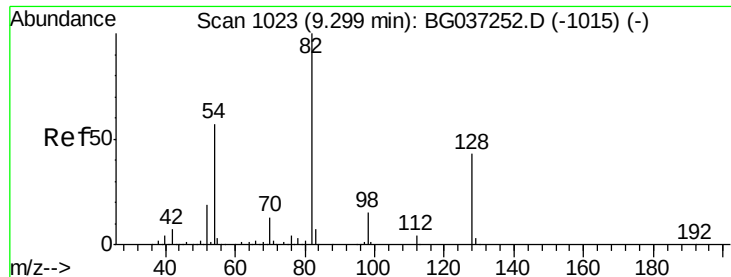
Tgt Ion: 70 Resp: 51100
Ion Ratio Lower Upper
70 100
42 46.6 53.9 80.9#
101 0.0 8.2 12.2#
130 3.3 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BG037398.D
Acq: 17 Oct 2018 20:07

Tgt Ion: 136 Resp: 276736
Ion Ratio Lower Upper
136 100
137 11.4 9.6 14.4
54 10.4 7.9 11.9
68 6.3 4.8 7.2

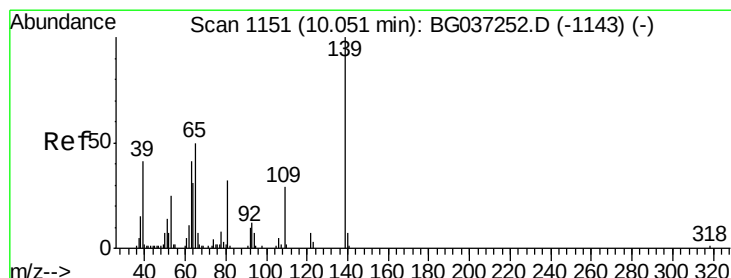
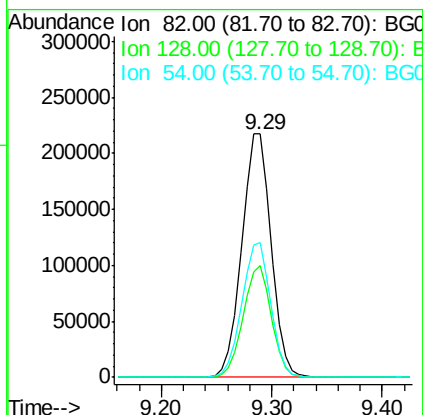
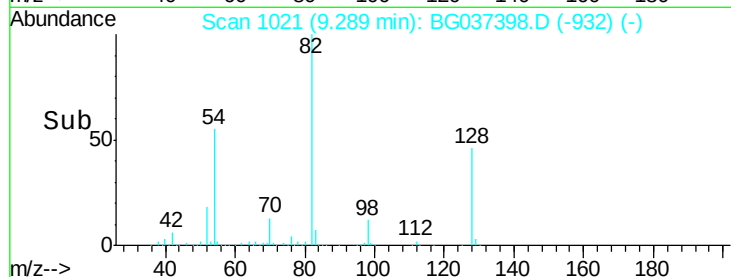
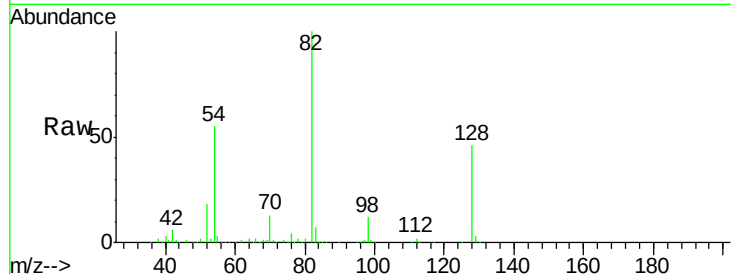




#23
 Nitrobenzene-d5
 Concen: 96.423 ng
 RT: 9.29 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BG037398.D
 Acq: 17 Oct 2018 20:07

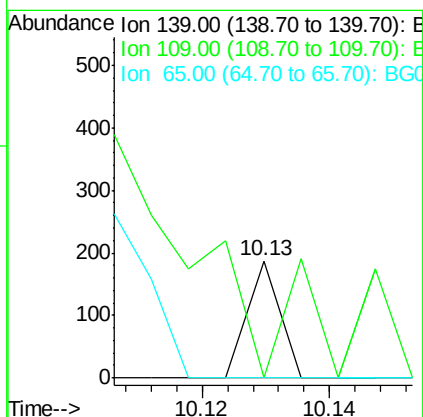
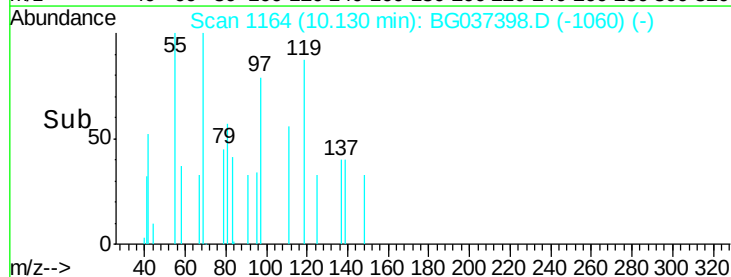
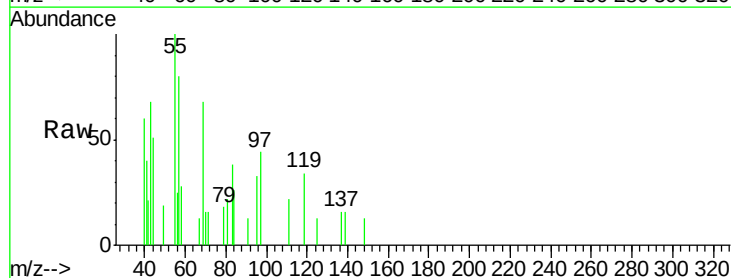
Instrument :
 BNA_G
 ClientSampleId :
 SB-10-5-7FT

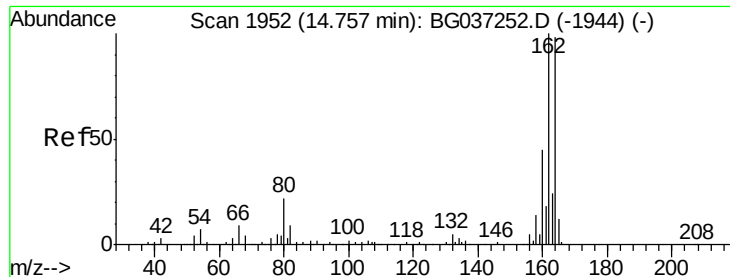
Tgt Ion:	82	Resp:	405866
Ion	Ratio	Lower	Upper
82	100		
128	45.6	34.6	51.8
54	55.5	45.3	67.9



#26
 2-Nitrophenol
 Concen: 2.193 ng
 RT: 10.13 min Scan# 1164
 Delta R.T. 0.08 min
 Lab File: BG037398.D
 Acq: 17 Oct 2018 20:07

Tgt Ion:	139	Resp:	66
Ion	Ratio	Lower	Upper
139	100		
109	0.0	23.3	34.9#
65	0.0	39.8	59.8#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1949

Delta R.T. -0.02 min

Lab File: BG037398.D

Acq: 17 Oct 2018 20:07

Instrument :

BNA_G

ClientSampleId :

SB-10-5-7FT

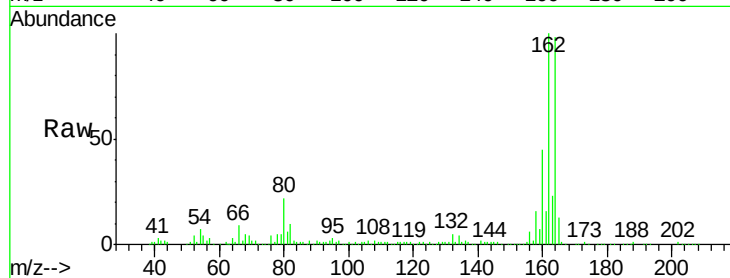
Tgt Ion:164 Resp: 181657

Ion Ratio Lower Upper

164 100

162 101.9 81.3 121.9

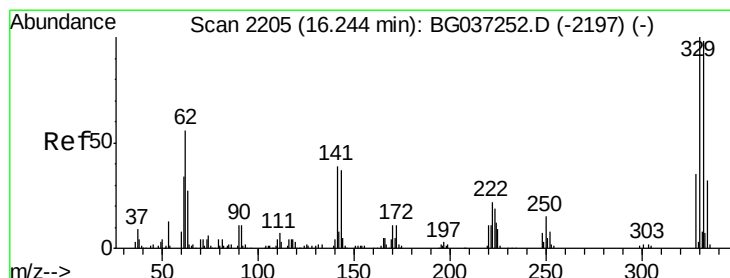
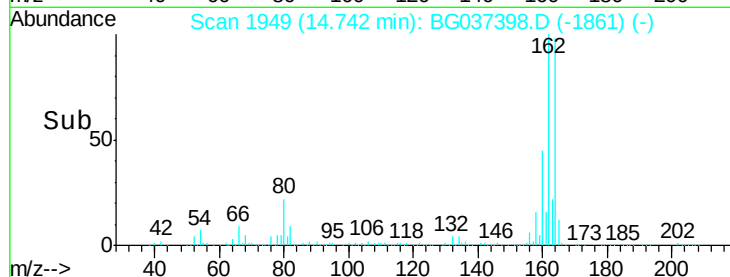
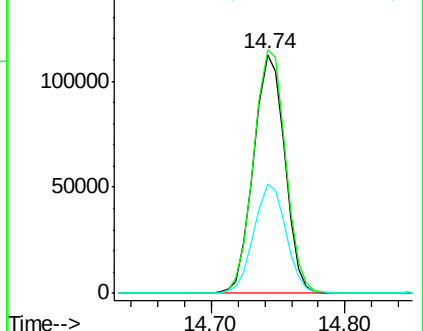
160 45.8 36.3 54.5



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



#42

2,4,6-Tribromophenol

Concen: 135.983 ng

RT: 16.23 min Scan# 2202

Delta R.T. -0.02 min

Lab File: BG037398.D

Acq: 17 Oct 2018 20:07

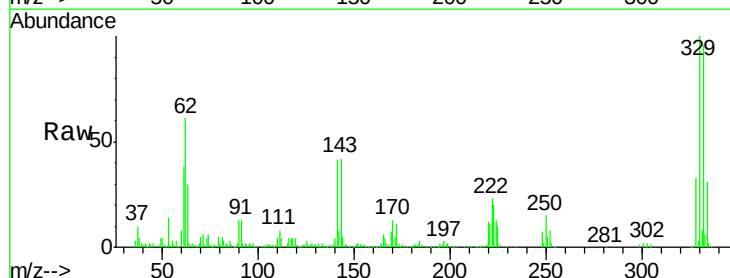
Tgt Ion:330 Resp: 242261

Ion Ratio Lower Upper

330 100

332 97.0 78.4 117.6

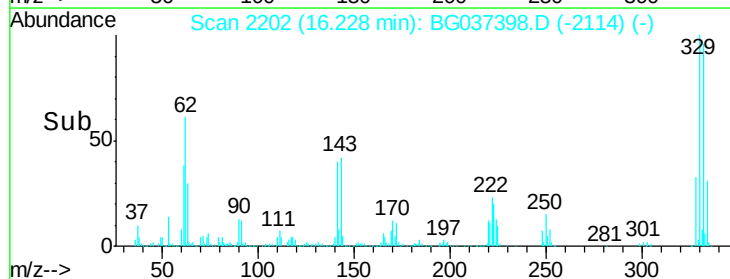
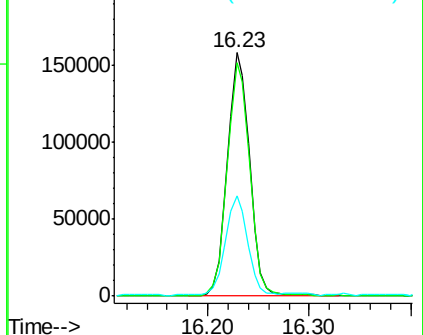
141 40.6 32.2 48.2

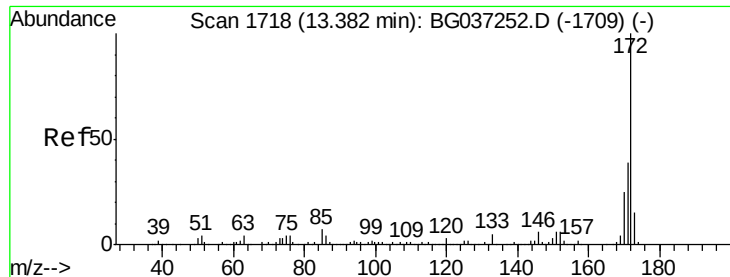


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

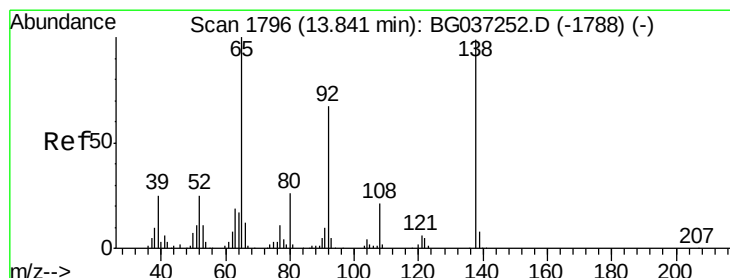
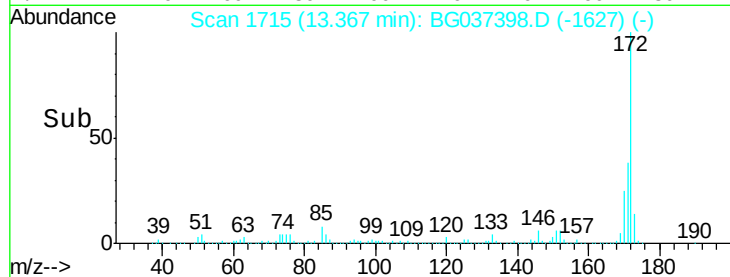
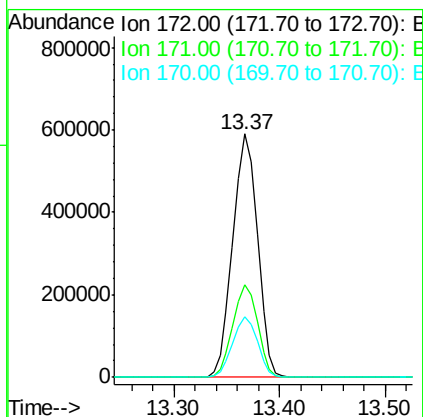
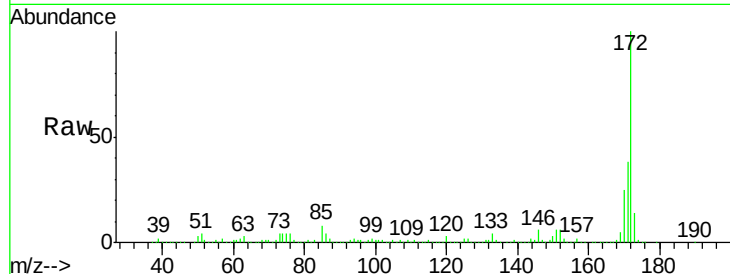




#45
2-Fluorobiphenyl
Concen: 79.172 ng
RT: 13.37 min Scan# 1715
Delta R.T. -0.02 min
Lab File: BG037398.D
Acq: 17 Oct 2018 20:07

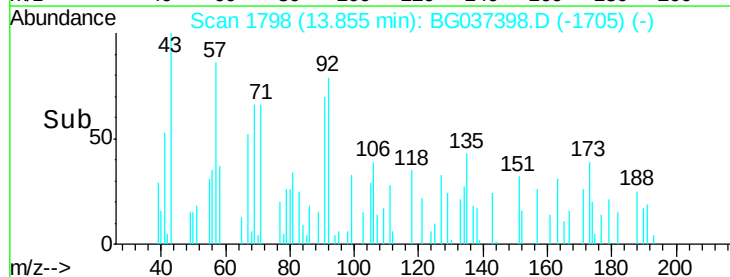
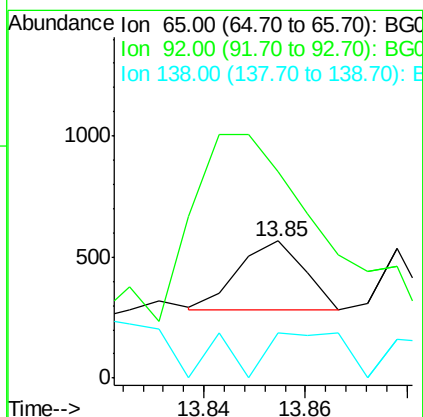
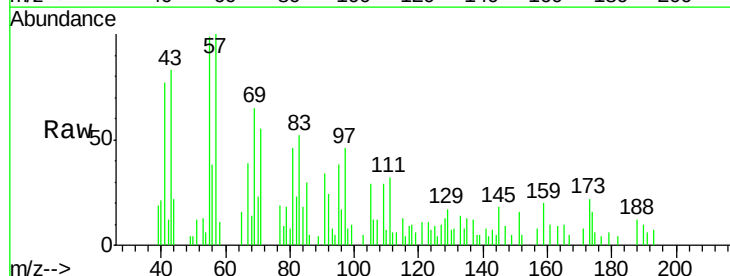
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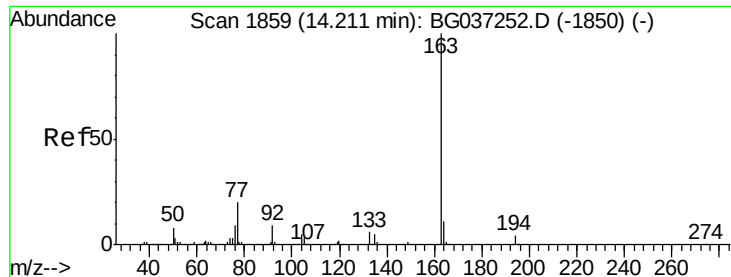
Tgt Ion: 172 Resp: 957683
Ion Ratio Lower Upper
172 100
171 37.8 31.0 46.4
170 25.0 20.2 30.2



#48
2-Nitroaniline
Concen: 5.829 ng
RT: 13.85 min Scan# 1798
Delta R.T. 0.01 min
Lab File: BG037398.D
Acq: 17 Oct 2018 20:07

Tgt Ion: 65 Resp: 257
Ion Ratio Lower Upper
65 100
92 150.4 53.2 79.8#
138 32.6 79.3 118.9#





#50

Dimethylphthalate

Concen: 9.120 ng

RT: 14.19 min Scan# 1855

Delta R.T. -0.02 min

Lab File: BG037398.D

Acq: 17 Oct 2018 20:07

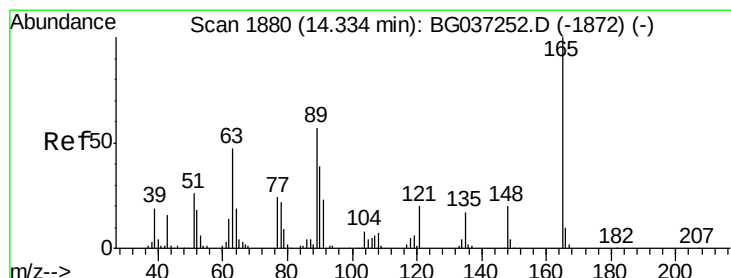
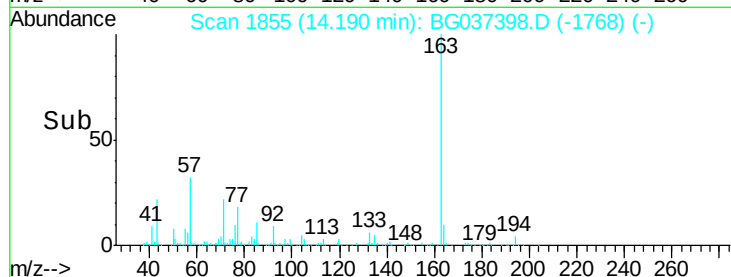
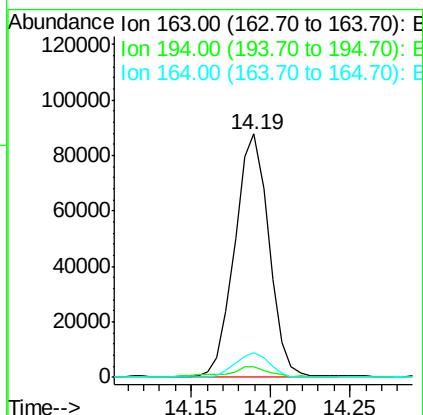
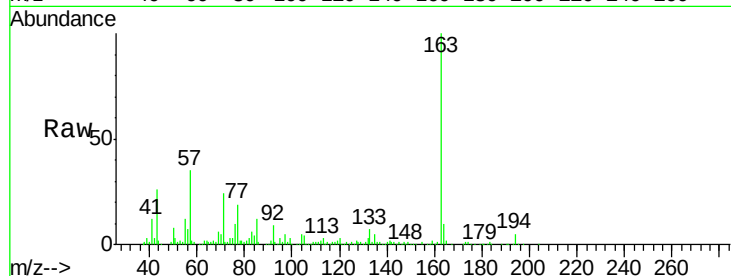
Instrument :

BNA_G

ClientSampleId :

SB-10-5-7FT

Tgt Ion:	163	Resp:	130200
Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.5	5.3
164	10.2	8.5	12.7



#51

2,6-Dinitrotoluene

Concen: 5.325 ng

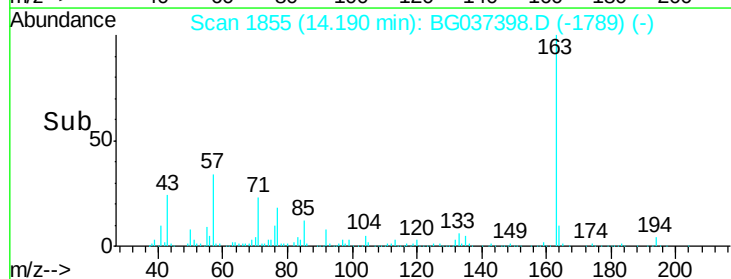
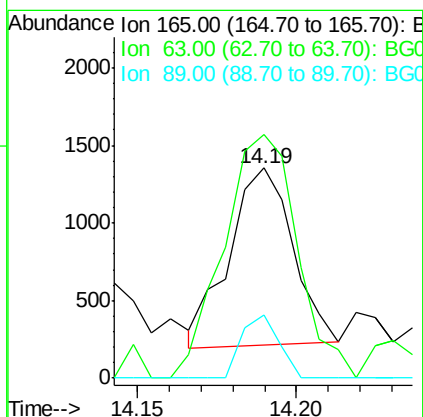
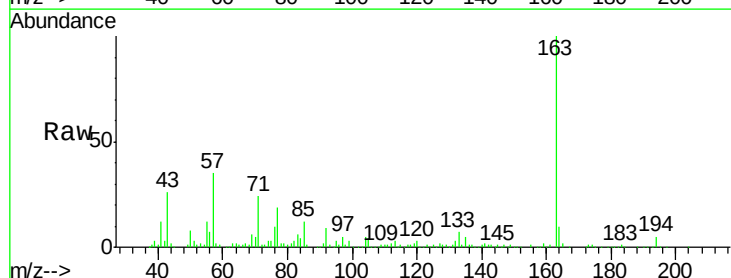
RT: 14.19 min Scan# 1855

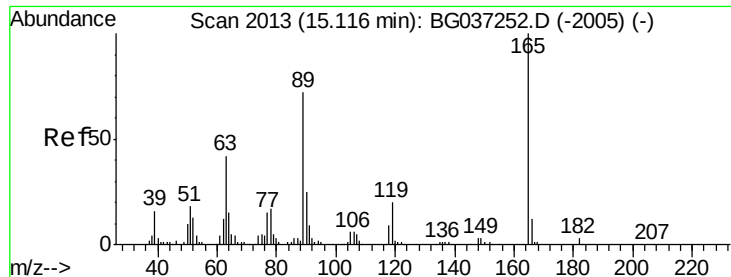
Delta R.T. -0.14 min

Lab File: BG037398.D

Acq: 17 Oct 2018 20:07

Tgt Ion:	165	Resp:	1586
Ion	Ratio	Lower	Upper
165	100		
63	115.8	43.4	65.2#
89	30.1	45.8	68.6#

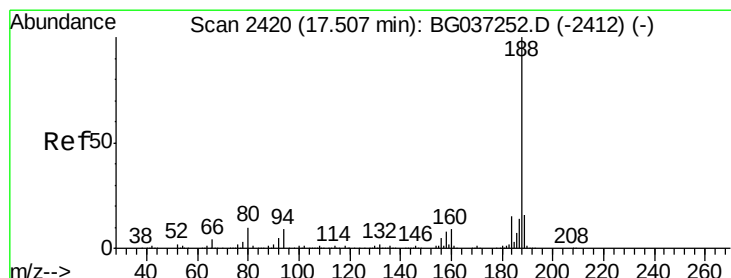
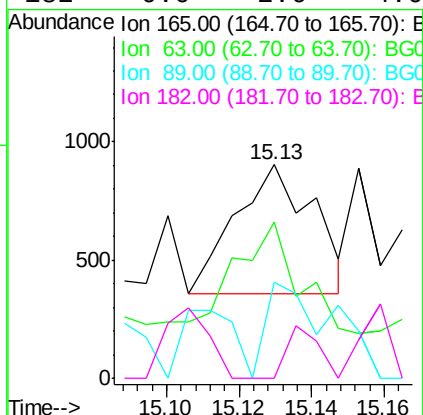
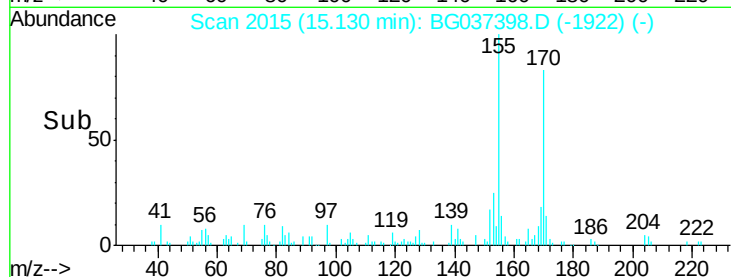
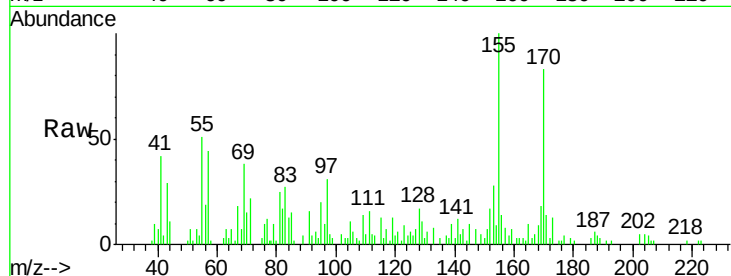




#57
2,4-Dinitrotoluene
Concen: 5.538 ng
RT: 15.13 min Scan# 2015
Delta R.T. 0.01 min
Lab File: BG037398.D
Acq: 17 Oct 2018 20:07

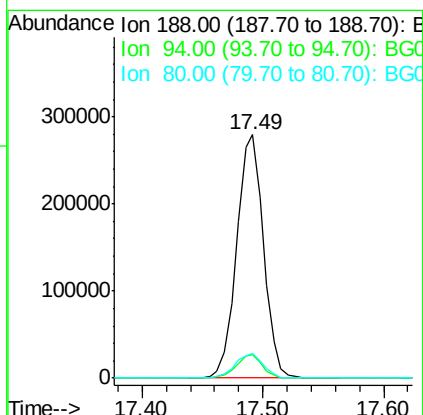
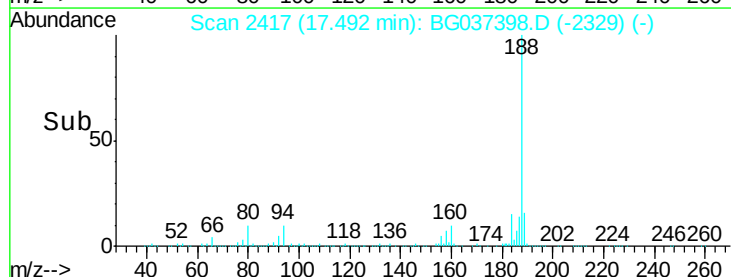
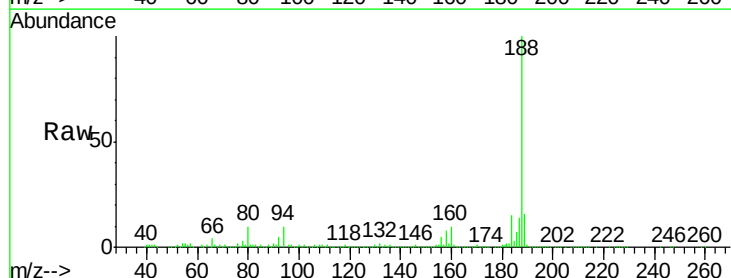
Instrument :
BNA_G
ClientSampleId :
SB-10-5-7FT

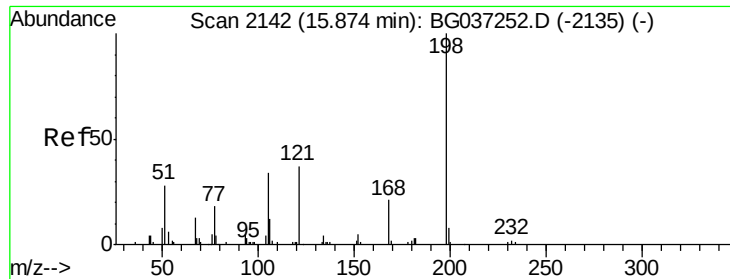
Tgt Ion	Ratio	Lower	Upper
165	100		
63	73.2	33.4	50.0#
89	44.9	57.2	85.8#
182	0.0	2.6	4.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.02 min
Lab File: BG037398.D
Acq: 17 Oct 2018 20:07

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.8	7.2	10.8
80	10.1	7.7	11.5





#65

4,6-Dinitro-2-methylphenol

Concen: 6.732 ng

RT: 16.23 min Scan# 2202

Delta R.T. 0.36 min

Lab File: BG037398.D

Acq: 17 Oct 2018 20:07

Instrument :

BNA_G

ClientSampleId :

SB-10-5-7FT

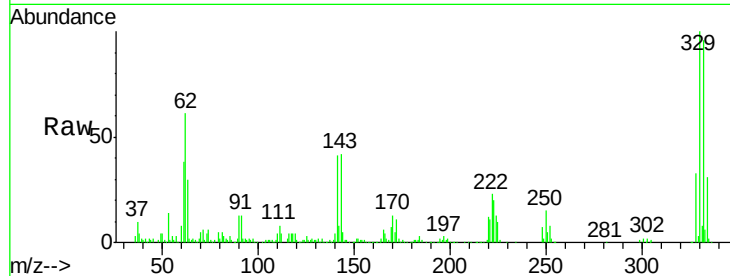
Tgt Ion:198 Resp: 1216

Ion Ratio Lower Upper

198 100

51 30.1 22.7 62.7

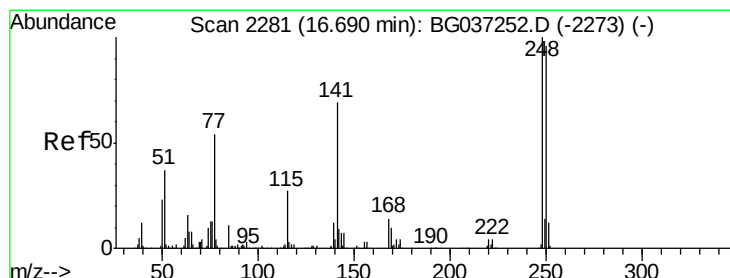
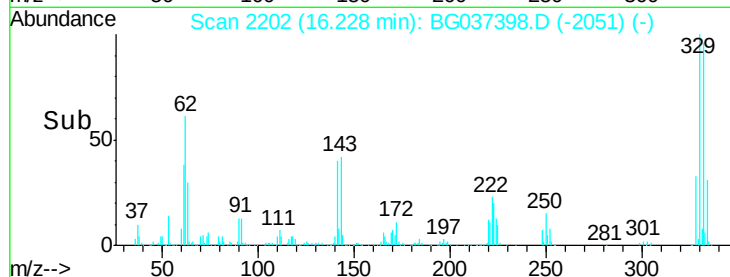
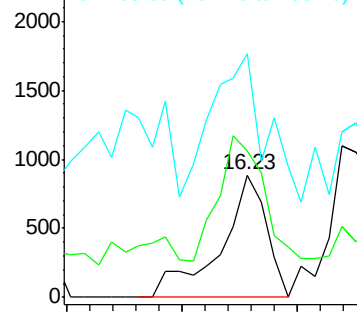
105 50.3 19.7 59.7



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



#67

4-Bromophenyl-phenylether

Concen: 3.895 ng

RT: 16.23 min Scan# 2202

Delta R.T. -0.46 min

Lab File: BG037398.D

Acq: 17 Oct 2018 20:07

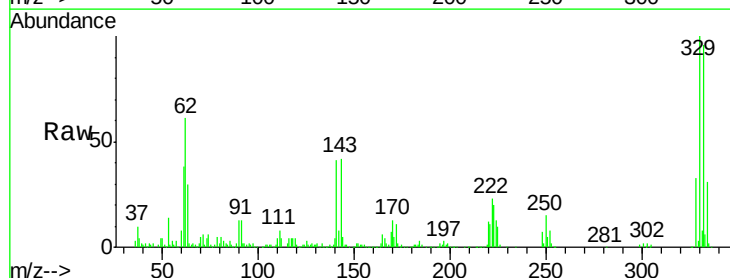
Tgt Ion:248 Resp: 18196

Ion Ratio Lower Upper

248 100

250 204.8 77.0 115.6#

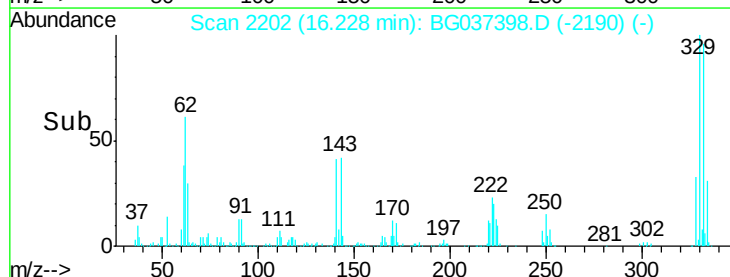
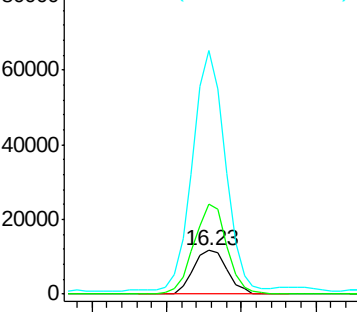
141 423.7 55.5 83.3#

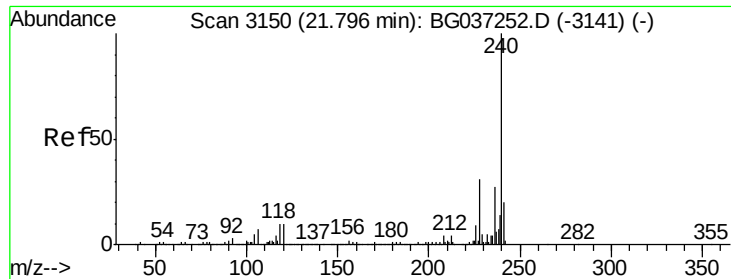


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

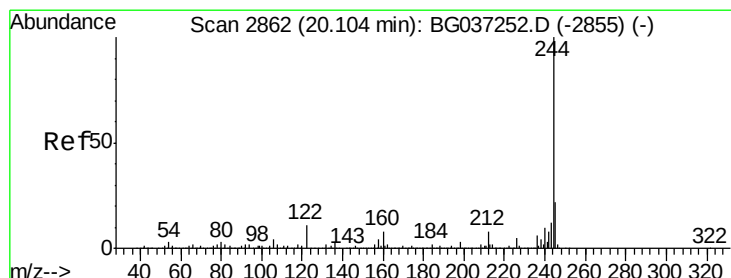
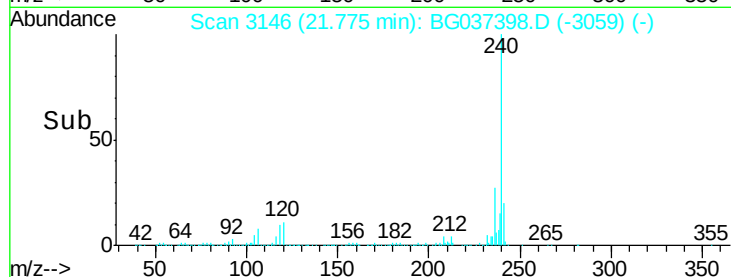
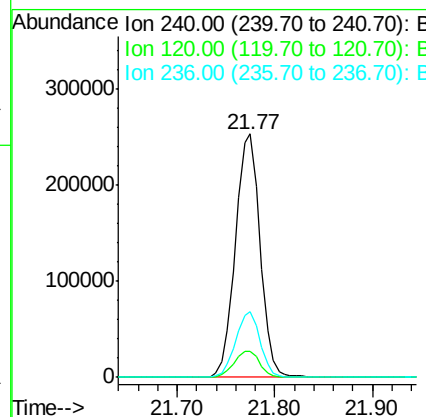
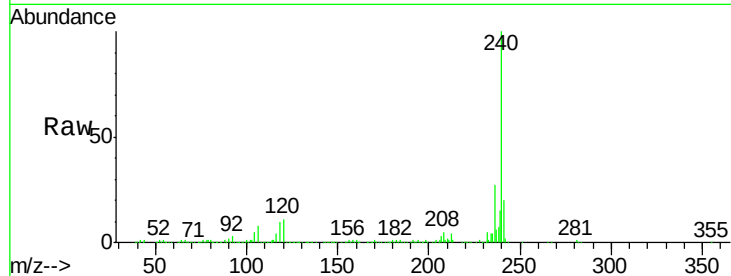




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3146
Delta R.T. -0.02 min
Lab File: BG037398.D
Acq: 17 Oct 2018 20:07

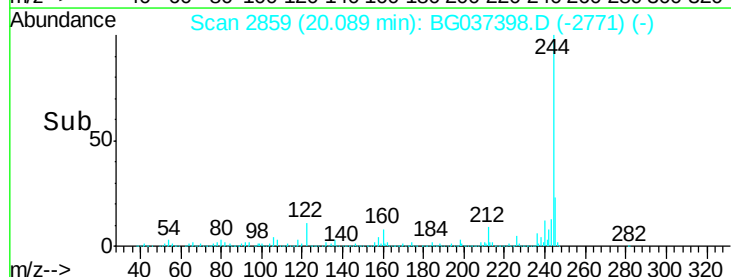
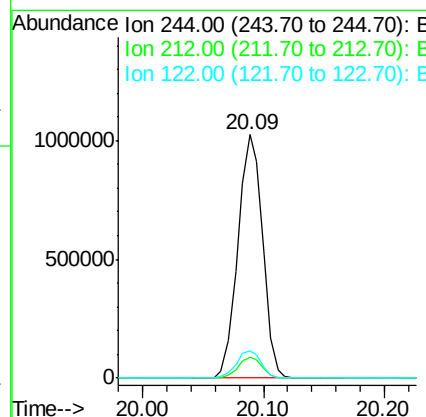
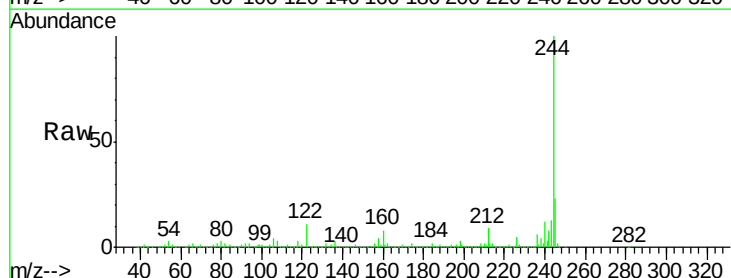
Instrument :
BNA_G
ClientSampleId :
SB-10-5-7FT

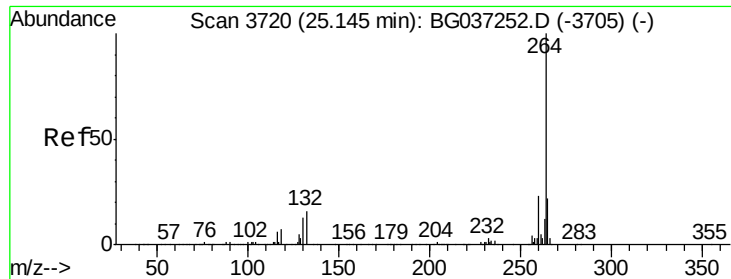
Tgt Ion:240 Resp: 444038
Ion Ratio Lower Upper
240 100
120 10.6 8.1 12.1
236 27.1 21.4 32.0



#79
Terphenyl-d14
Concen: 69.236 ng
RT: 20.09 min Scan# 2859
Delta R.T. -0.02 min
Lab File: BG037398.D
Acq: 17 Oct 2018 20:07

Tgt Ion:244 Resp: 1464154
Ion Ratio Lower Upper
244 100
212 8.8 6.5 9.7
122 11.5 9.0 13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.11 min Scan# 3714
Delta R.T. -0.03 min
Lab File: BG037398.D
Acq: 17 Oct 2018 20:07

Instrument :
BNA_G
ClientSampleId :
SB-10-5-7FT

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.2	27.4
265	22.4	17.9	26.9

