

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101718\
 Data File : BG037394.D
 Acq On : 17 Oct 2018 17:31
 Operator : JU/SJ
 Sample : PB113913BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB113913BL

Quant Time: Oct 18 11:42:42 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

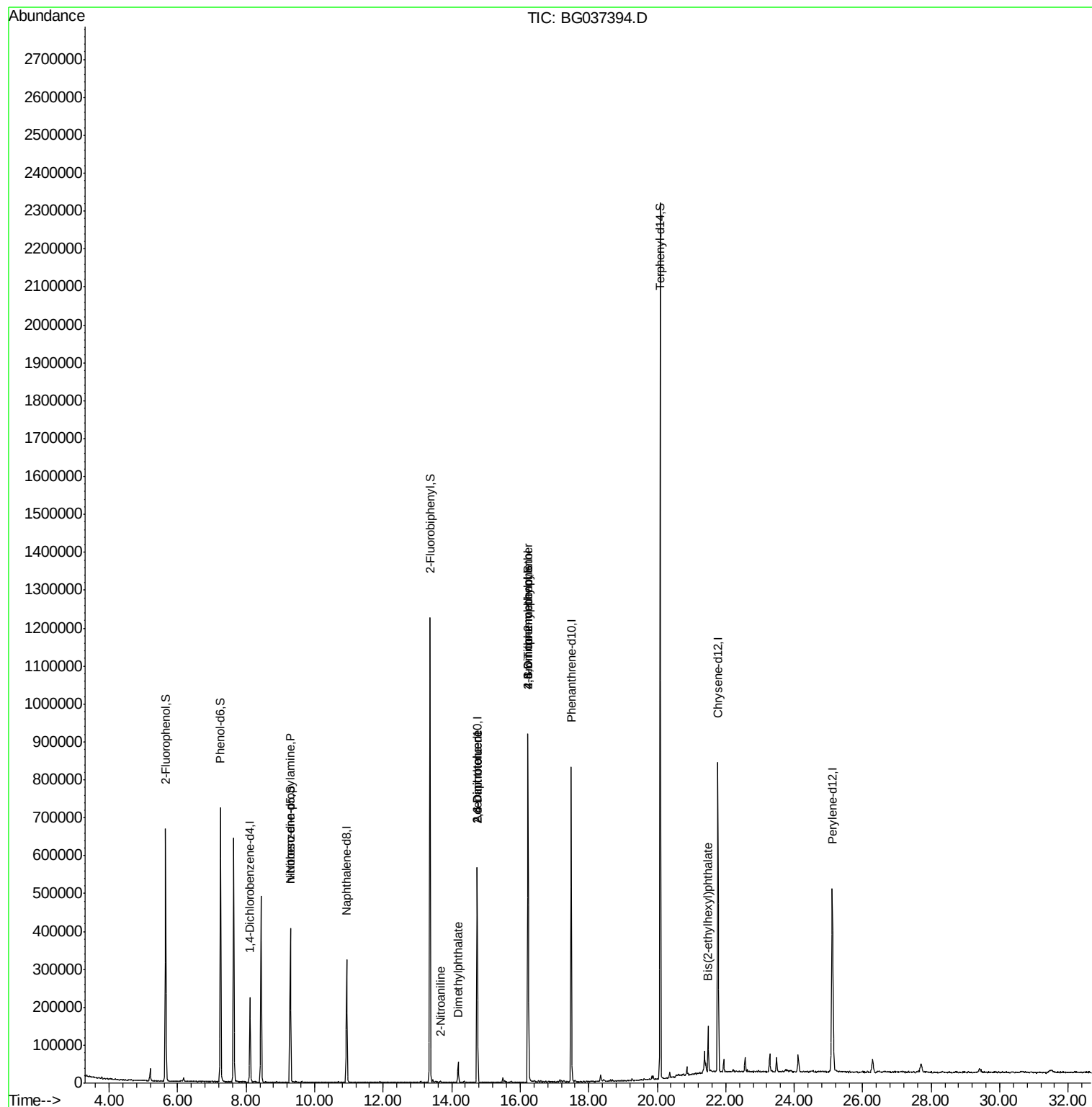
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	67818	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	291287	20.00	ng	-0.02
39) Acenaphthene-d10	14.74	164	204854	20.00	ng	-0.02
64) Phenanthrene-d10	17.49	188	528554	20.00	ng	-0.02
76) Chrysene-d12	21.77	240	502096	20.00	ng	-0.02
87) Perylene-d12	25.11	264	508970	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	313324	81.31	ng	0.00
7) Phenol-d6	7.25	99	455953	77.95	ng	0.00
23) Nitrobenzene-d5	9.29	82	258301	58.30	ng	-0.01
42) 2,4,6-Tribromophenol	16.23	330	169925	84.58	ng	-0.02
45) 2-Fluorobiphenyl	13.37	172	659767	48.37	ng	-0.02
79) Terphenyl-d14	20.09	244	1134364	47.44	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.29	70	31669	7.152	ng	# 70
48) 2-Nitroaniline	13.66	65	63	5.771	ng	# 7
50) Dimethylphthalate	14.19	163	36257	2.252	ng	96
51) 2,6-Dinitrotoluene	14.74	165	25832	12.243	ng	# 24
57) 2,4-Dinitrotoluene	14.74	165	25832	11.134	ng	# 24
65) 4,6-Dinitro-2-methylphenol	16.23	198	282	6.095	ng	94
67) 4-Bromophenyl-phenylether	16.23	248	12511	2.193	ng	# 1
84) Bis(2-ethylhexyl)phthalate	21.49	149	59707	3.266	ng	# 51

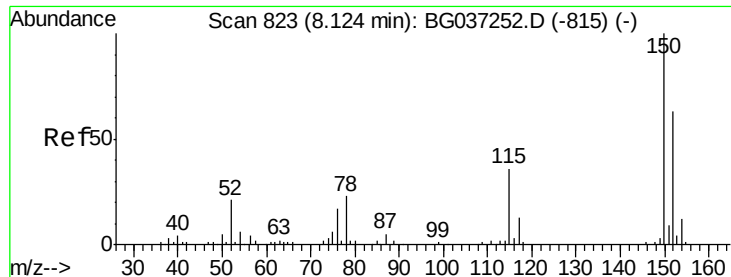
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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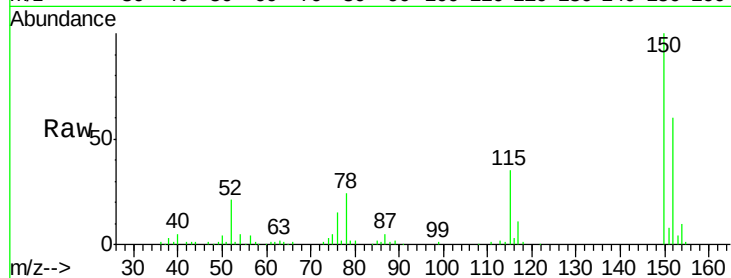


#1

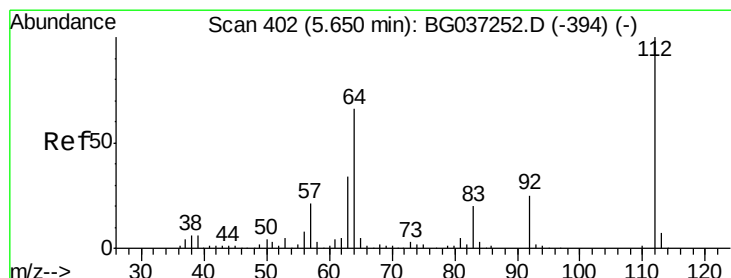
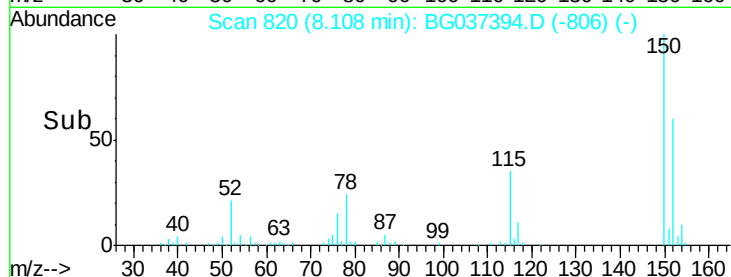
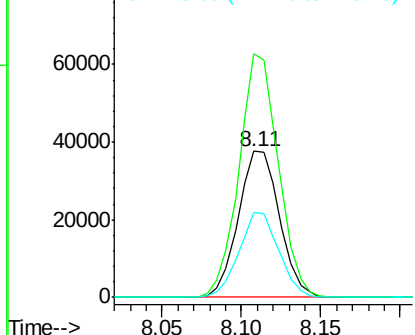
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.02 min
Lab File: BG037394.D
Acq: 17 Oct 2018 17:31

Instrument :
BNA_G
ClientSampleId :
PB113913BL

Tgt Ion:152 Resp: 67818
Ion Ratio Lower Upper
152 100
150 166.6 126.0 189.0
115 57.9 45.5 68.3



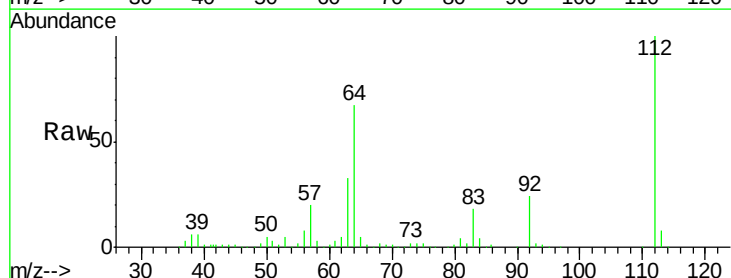
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



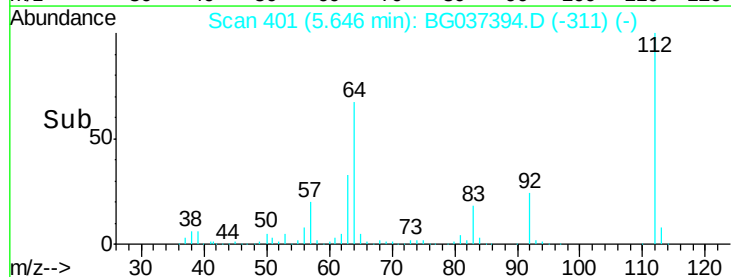
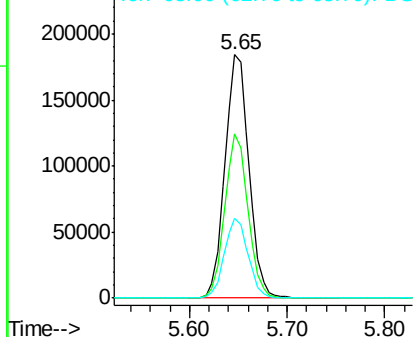
#5

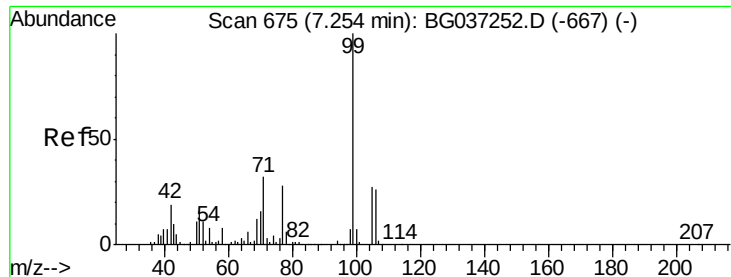
2-Fluorophenol
Concen: 81.309 ng
RT: 5.65 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037394.D
Acq: 17 Oct 2018 17:31

Tgt Ion:112 Resp: 313324
Ion Ratio Lower Upper
112 100
64 67.3 53.1 79.7
63 32.8 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: 77.954 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037394.D

Acq: 17 Oct 2018 17:31

Instrument :

BNA_G

ClientSampleId :

PB113913BL

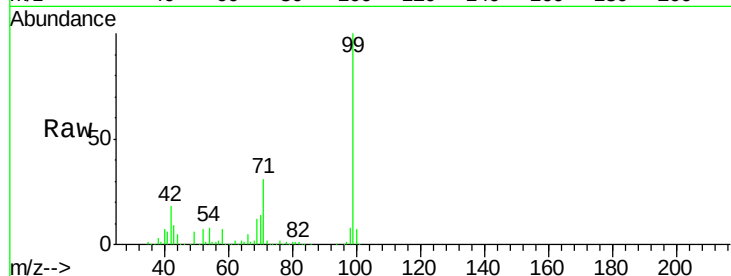
Tgt Ion: 99 Resp: 455953

Ion Ratio Lower Upper

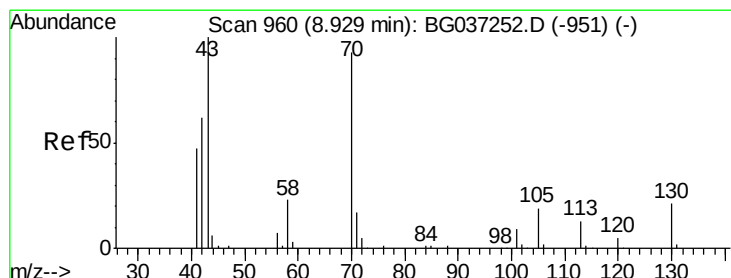
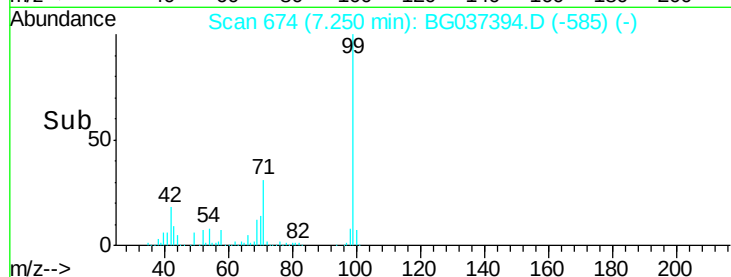
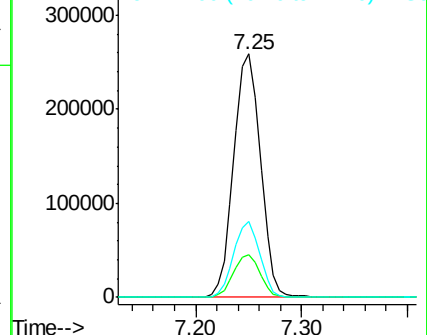
99 100

42 17.5 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



#19

n-Nitroso-di-n-propylamine

Concen: 7.152 ng

RT: 9.29 min Scan# 1021

Delta R.T. 0.36 min

Lab File: BG037394.D

Acq: 17 Oct 2018 17:31

Tgt Ion: 70 Resp: 31669

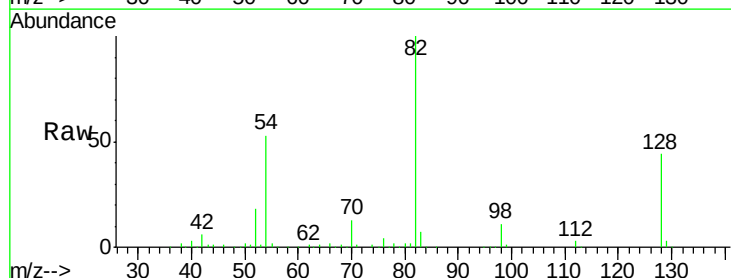
Ion Ratio Lower Upper

70 100

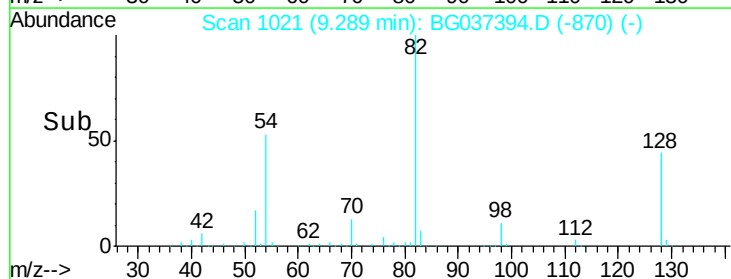
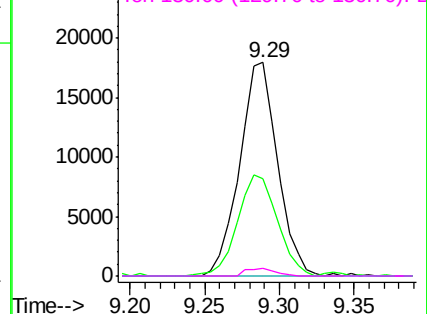
42 45.7 53.9 80.9#

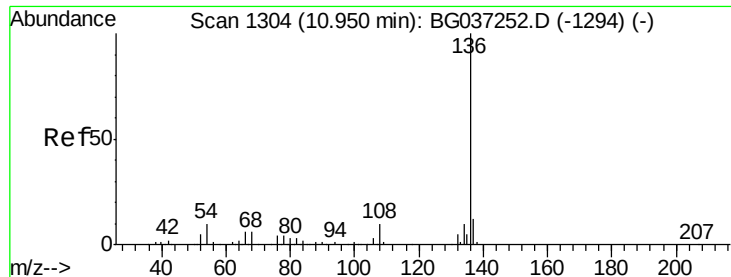
101 0.0 8.2 12.2#

130 3.4 18.2 27.4#



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

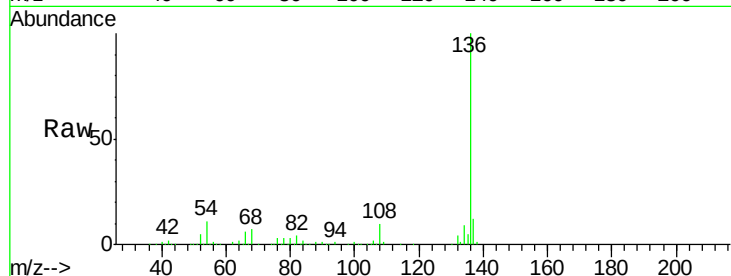




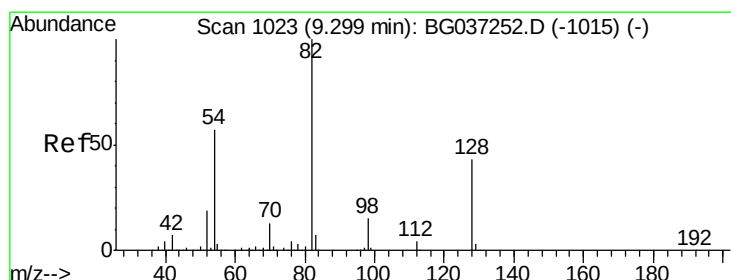
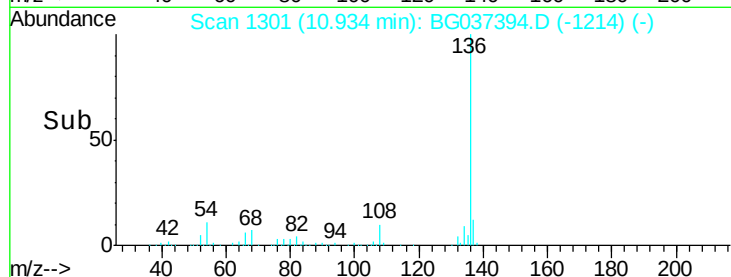
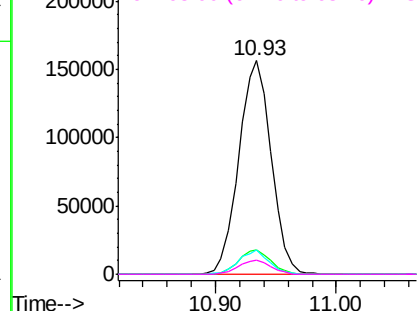
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BG037394.D
Acq: 17 Oct 2018 17:31

Instrument :
BNA_G
ClientSampleId :
PB113913BL

Tgt Ion:	136	Resp:	291287
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.6	14.4
54	11.3	7.9	11.9
68	6.9	4.8	7.2

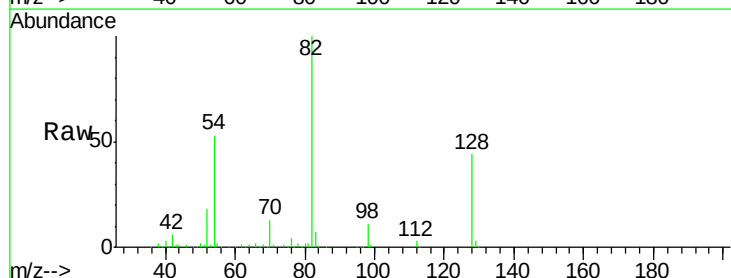


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

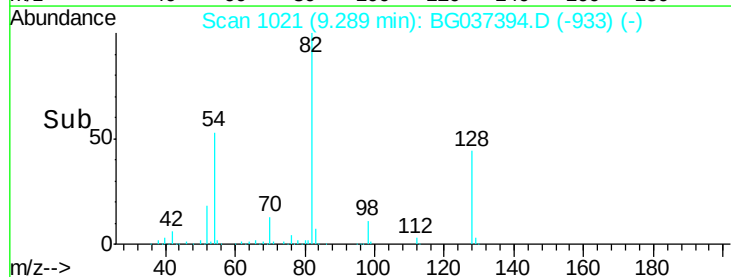
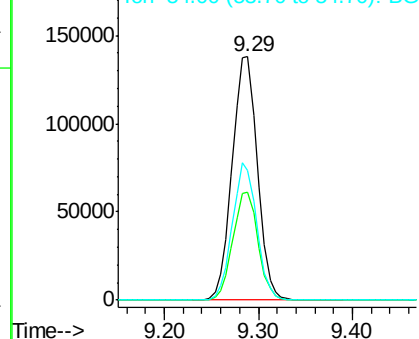


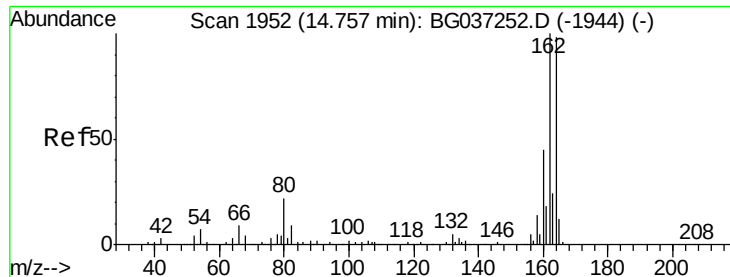
#23
Nitrobenzene-d5
Concen: 58.300 ng
RT: 9.29 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BG037394.D
Acq: 17 Oct 2018 17:31

Tgt Ion:	82	Resp:	258301
Ion	Ratio	Lower	Upper
82	100		
128	44.3	34.6	51.8
54	53.3	45.3	67.9



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1949

Delta R.T. -0.02 min

Lab File: BG037394.D

Acq: 17 Oct 2018 17:31

Instrument :

BNA_G

ClientSampleId :

PB113913BL

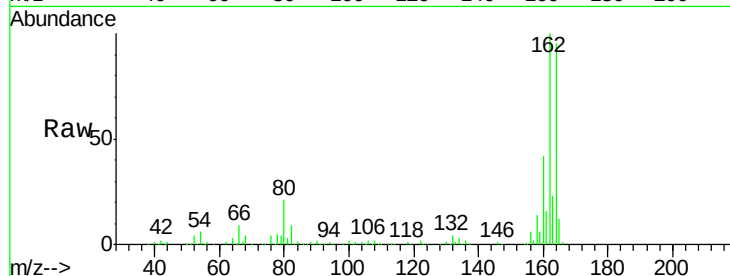
Tgt Ion:164 Resp: 204854

Ion Ratio Lower Upper

164 100

162 105.5 81.3 121.9

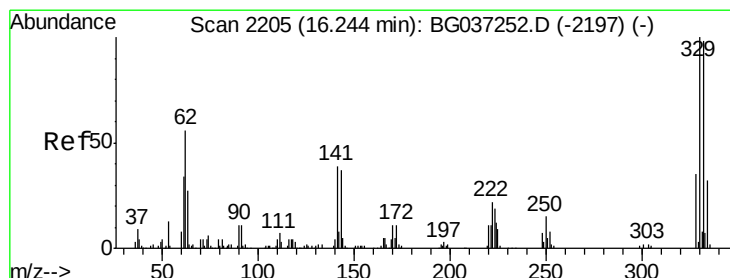
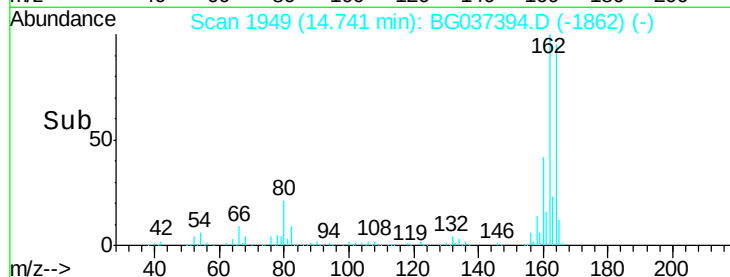
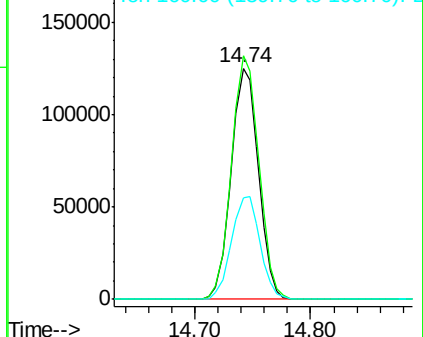
160 44.1 36.3 54.5



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: 84.580 ng

RT: 16.23 min Scan# 2202

Delta R.T. -0.02 min

Lab File: BG037394.D

Acq: 17 Oct 2018 17:31

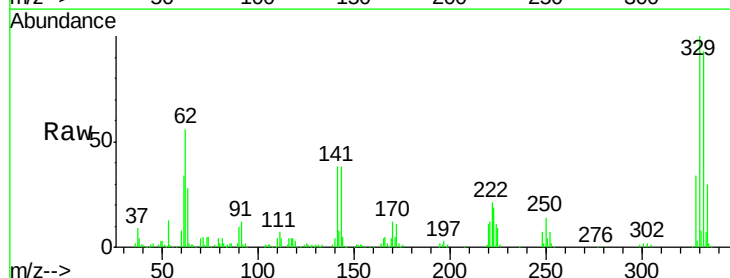
Tgt Ion:330 Resp: 169925

Ion Ratio Lower Upper

330 100

332 96.2 78.4 117.6

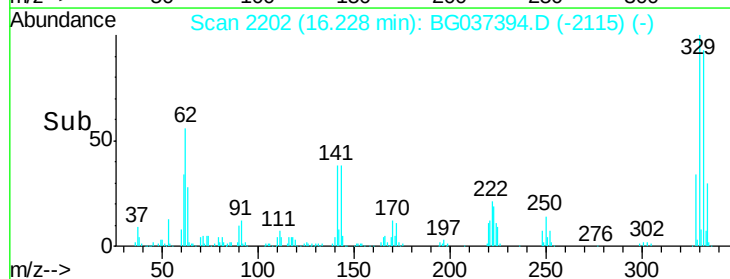
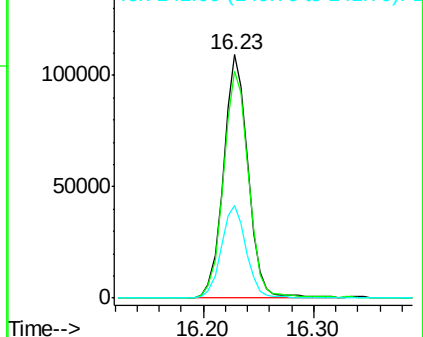
141 38.6 32.2 48.2

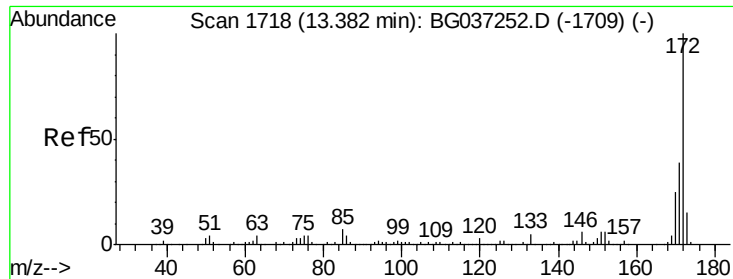


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

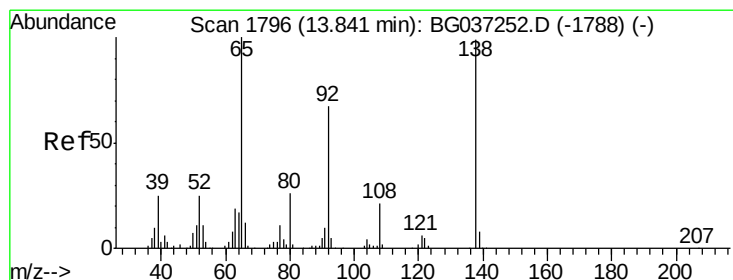
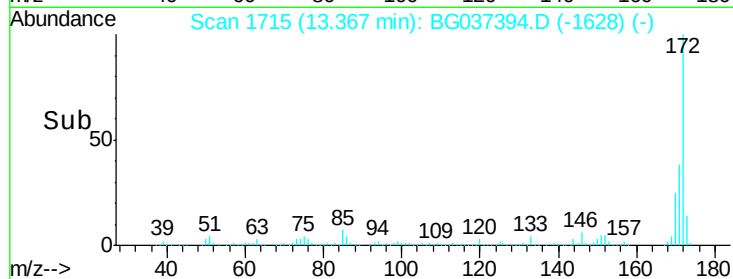
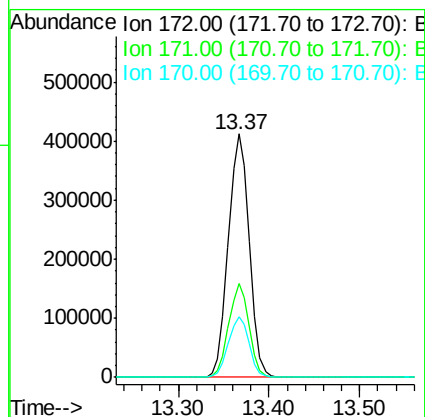
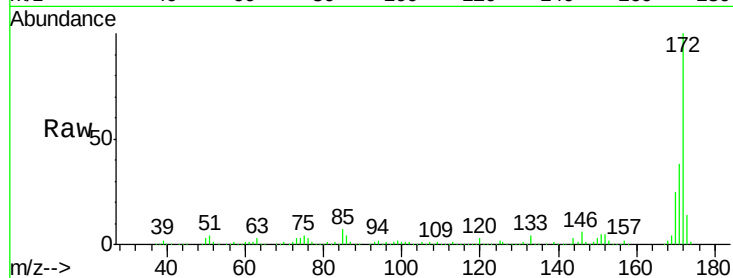




#45
2-Fluorobiphenyl
Concen: 48.367 ng
RT: 13.37 min Scan# 1715
Delta R.T. -0.02 min
Lab File: BG037394.D
Acq: 17 Oct 2018 17:31

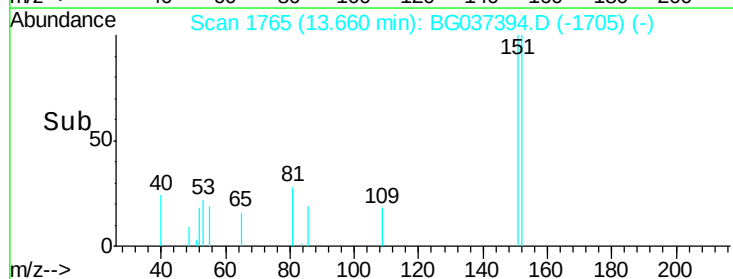
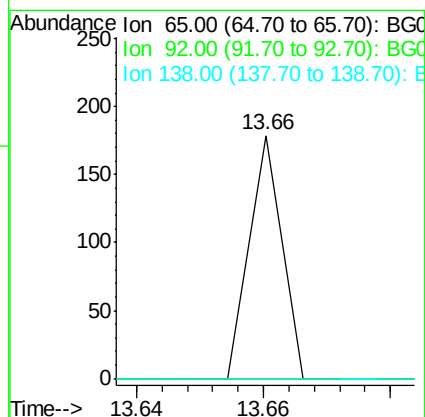
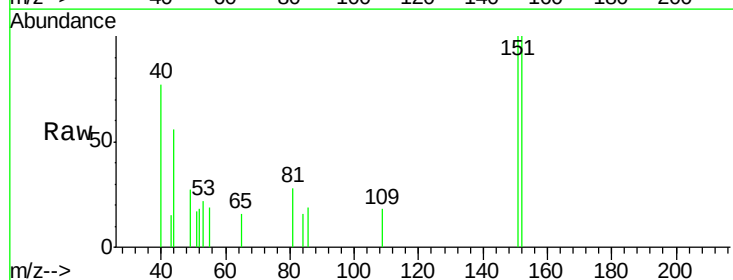
Instrument :
BNA_G
ClientSampleId :
PB113913BL

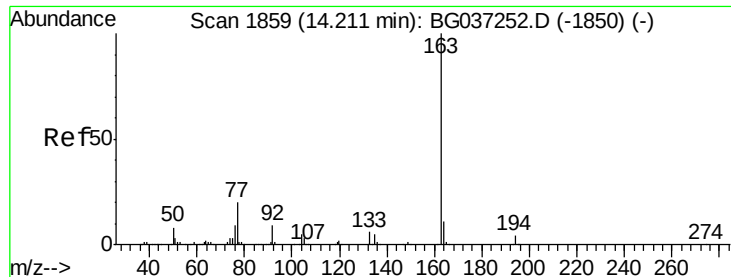
Tgt Ion: 172 Resp: 659767
Ion Ratio Lower Upper
172 100
171 38.5 31.0 46.4
170 24.9 20.2 30.2



#48
2-Nitroaniline
Concen: 5.771 ng
RT: 13.66 min Scan# 1765
Delta R.T. -0.18 min
Lab File: BG037394.D
Acq: 17 Oct 2018 17:31

Tgt Ion: 65 Resp: 63
Ion Ratio Lower Upper
65 100
92 0.0 53.2 79.8#
138 0.0 79.3 118.9#





#50

Dimethylphthalate

Concen: 2.252 ng

RT: 14.19 min Scan# 1855

Delta R.T. -0.02 min

Lab File: BG037394.D

Acq: 17 Oct 2018 17:31

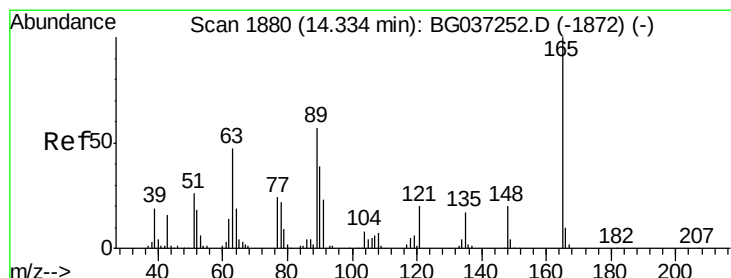
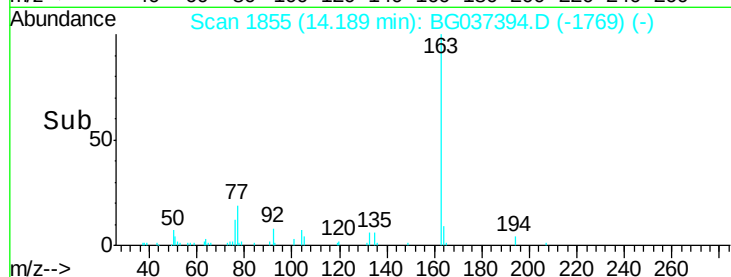
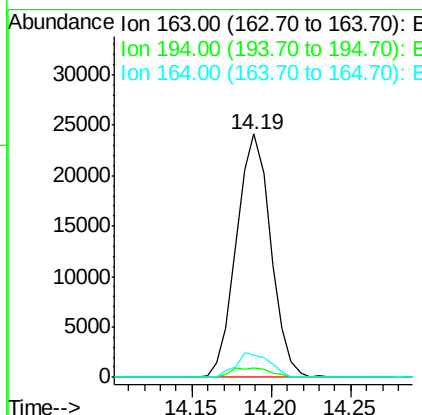
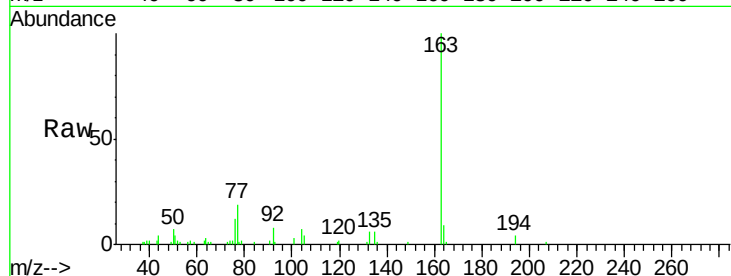
Instrument :

BNA_G

ClientSampleId :

PB113913BL

Tgt Ion:	163	Resp:	36257
Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.5	5.3
164	9.0	8.5	12.7



#51

2,6-Dinitrotoluene

Concen: 12.243 ng

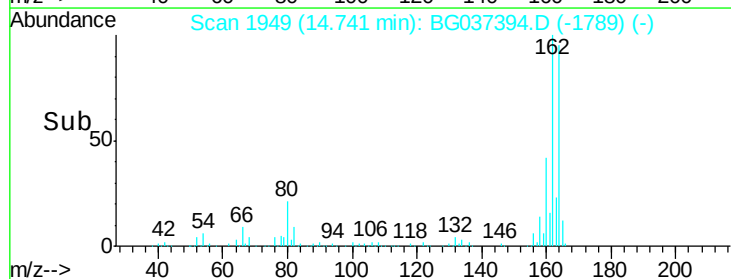
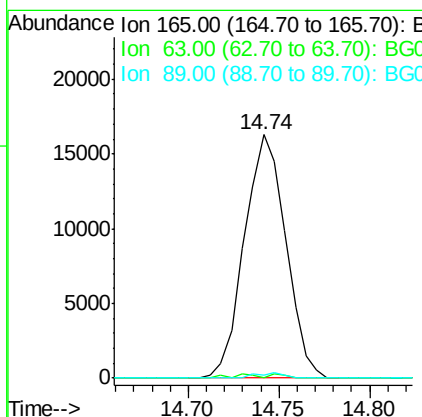
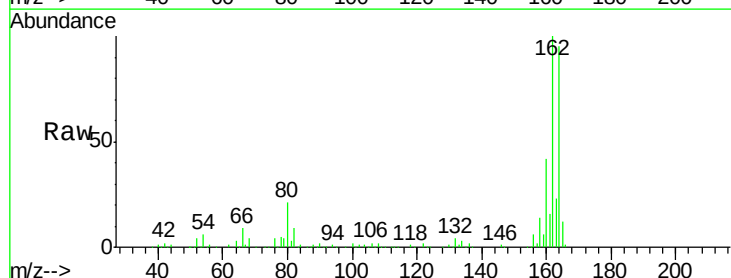
RT: 14.74 min Scan# 1949

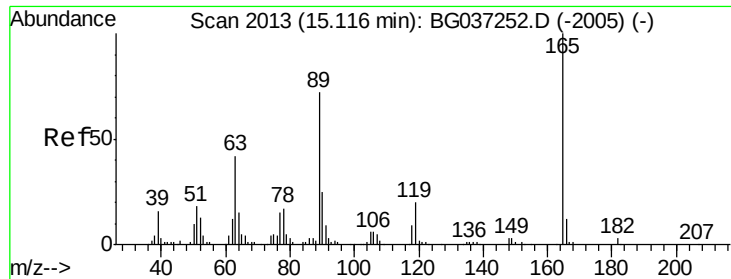
Delta R.T. 0.41 min

Lab File: BG037394.D

Acq: 17 Oct 2018 17:31

Tgt Ion:	165	Resp:	25832
Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.4	65.2#
89	1.1	45.8	68.6#

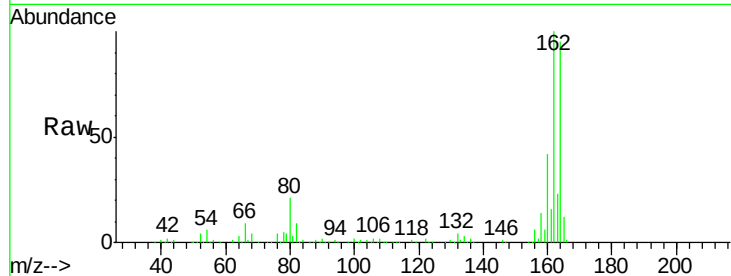




#57
 2,4-Dinitrotoluene
 Concen: 11.134 ng
 RT: 14.74 min Scan# 1949
 Delta R.T. -0.37 min
 Lab File: BG037394.D
 Acq: 17 Oct 2018 17:31

Instrument :
 BNA_G
 ClientSampleId :
 PB113913BL

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	1.1	57.2	85.8#
182	0.0	2.6	4.0#

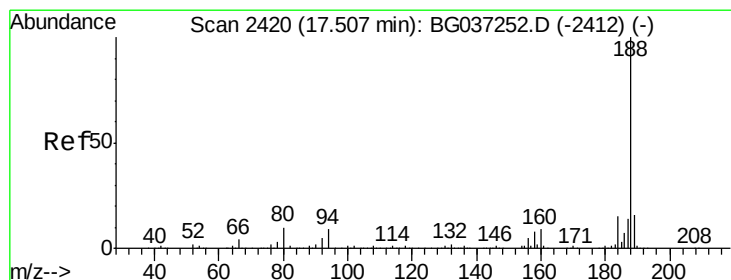
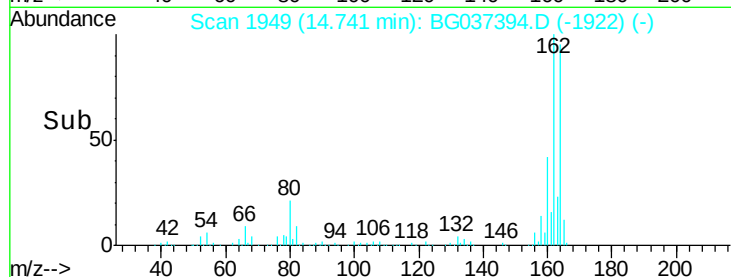
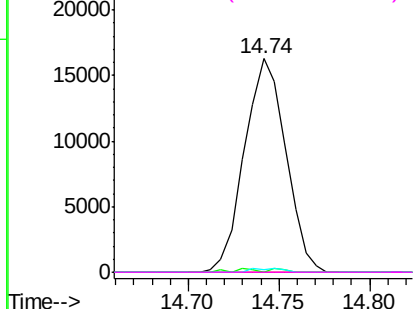


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

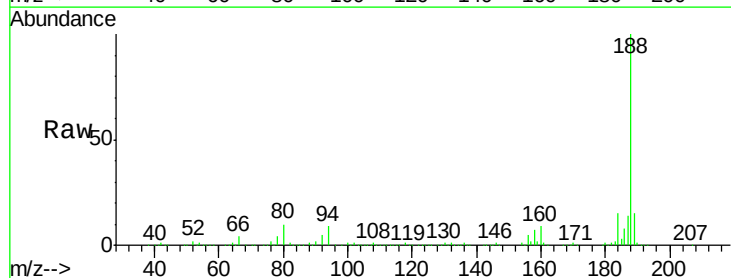
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.49 min Scan# 2417
 Delta R.T. -0.02 min
 Lab File: BG037394.D
 Acq: 17 Oct 2018 17:31

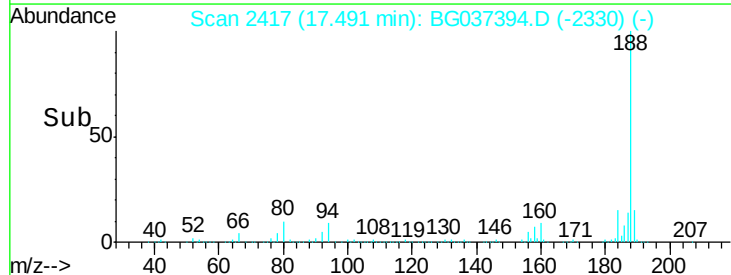
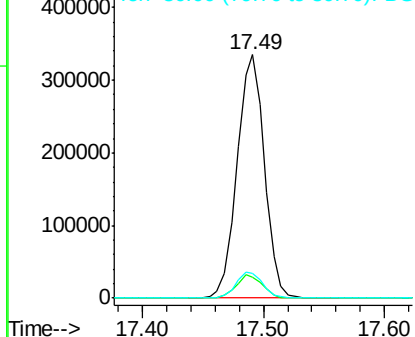
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.2	10.8
80	10.2	7.7	11.5

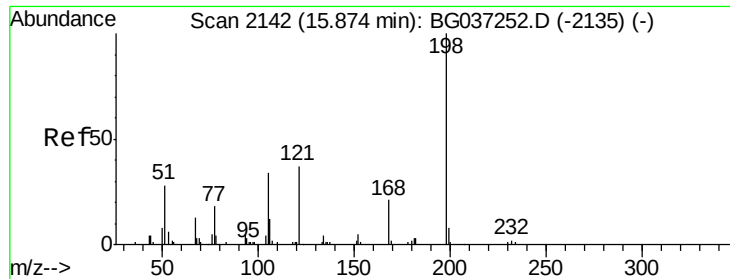


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

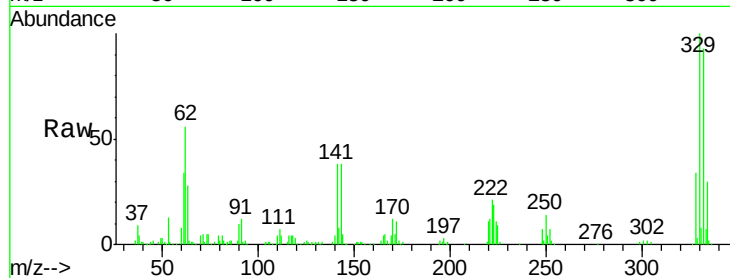




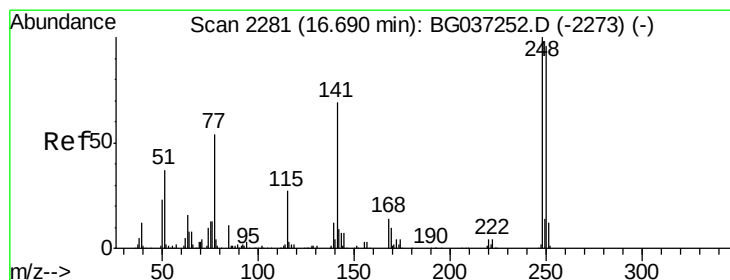
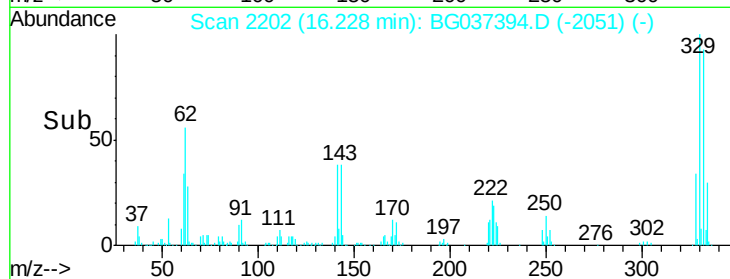
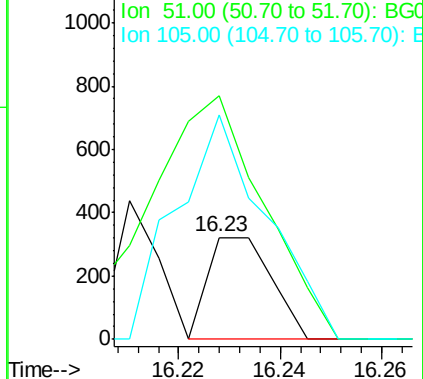
#65
 4,6-Dinitro-2-methylphenol
 Concen: 6.095 ng
 RT: 16.23 min Scan# 2202
 Delta R.T. 0.35 min
 Lab File: BG037394.D
 Acq: 17 Oct 2018 17:31

Instrument :
 BNA_G
 ClientSampleId :
 PB113913BL

Tgt Ion:198 Resp: 282
 Ion Ratio Lower Upper
 198 100
 51 46.6 22.7 62.7
 105 42.9 19.7 59.7

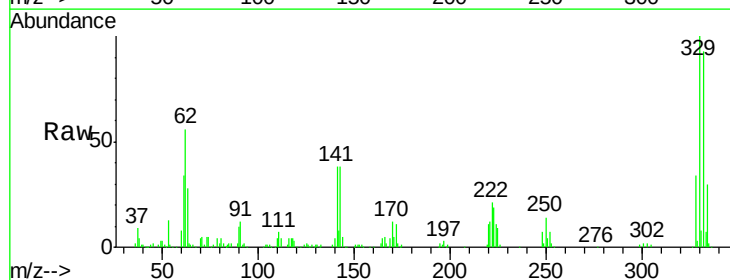


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

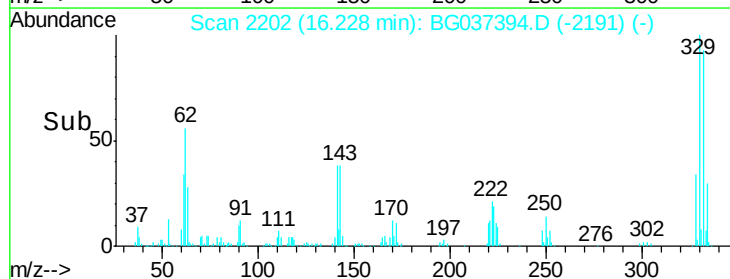
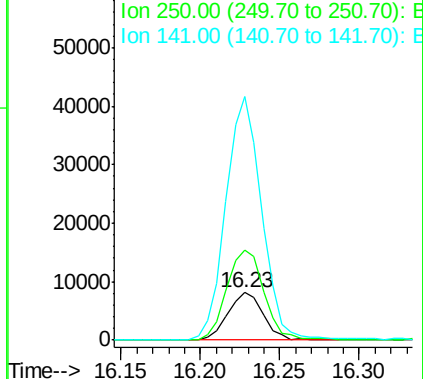


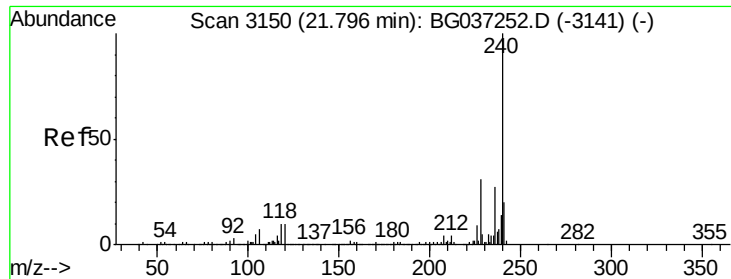
#67
 4-Bromophenyl-phenylether
 Concen: 2.193 ng
 RT: 16.23 min Scan# 2202
 Delta R.T. -0.46 min
 Lab File: BG037394.D
 Acq: 17 Oct 2018 17:31

Tgt Ion:248 Resp: 12511
 Ion Ratio Lower Upper
 248 100
 250 185.5 77.0 115.6#
 141 393.5 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

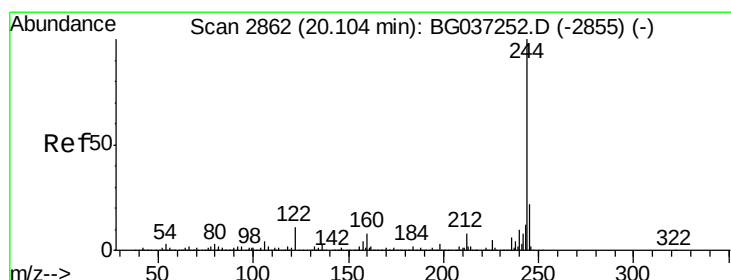
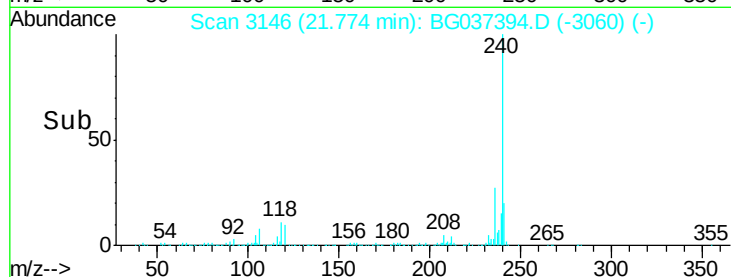
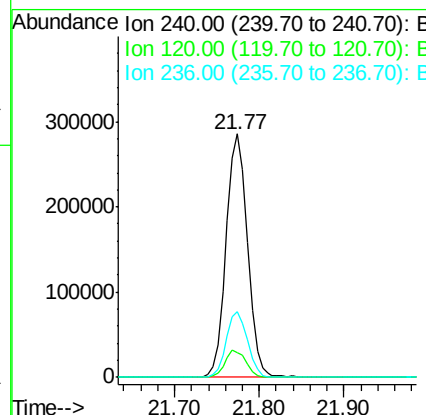
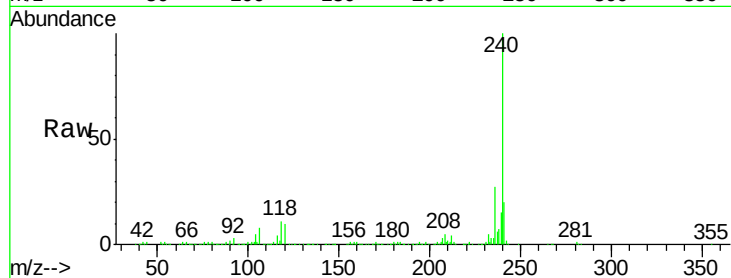




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3146
Delta R.T. -0.02 min
Lab File: BG037394.D
Acq: 17 Oct 2018 17:31

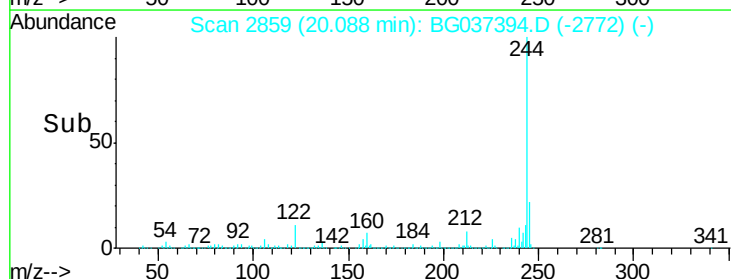
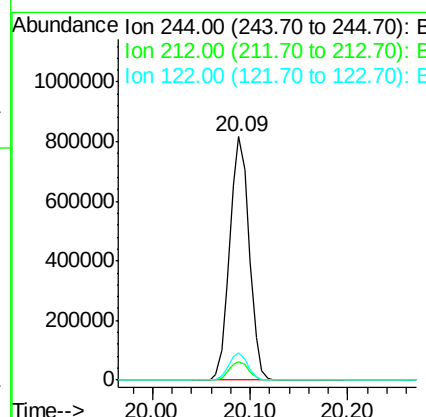
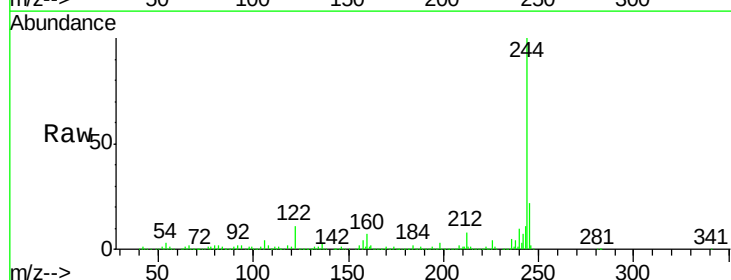
Instrument :
BNA_G
ClientSampleId :
PB113913BL

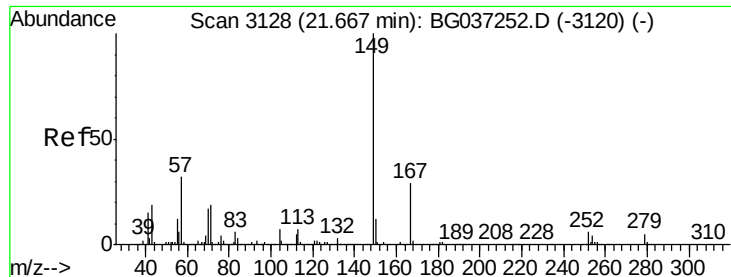
Tgt Ion:240 Resp: 502096
Ion Ratio Lower Upper
240 100
120 10.4 8.1 12.1
236 27.0 21.4 32.0



#79
Terphenyl-d14
Concen: 47.439 ng
RT: 20.09 min Scan# 2859
Delta R.T. -0.02 min
Lab File: BG037394.D
Acq: 17 Oct 2018 17:31

Tgt Ion:244 Resp: 1134364
Ion Ratio Lower Upper
244 100
212 7.7 6.5 9.7
122 11.1 9.0 13.4





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.266 ng

RT: 21.49 min Scan# 3097

Delta R.T. -0.18 min

Lab File: BG037394.D

Acq: 17 Oct 2018 17:31

Instrument :

BNA_G

ClientSampleId :

PB113913BL

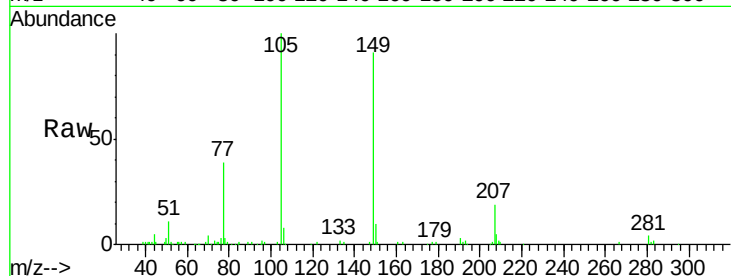
Tgt Ion:149 Resp: 59707

Ion Ratio Lower Upper

149 100

167 0.0 23.0 34.4#

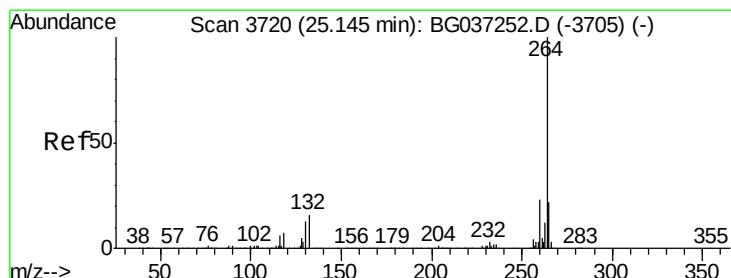
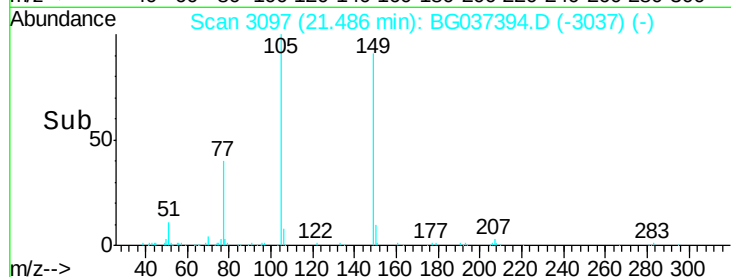
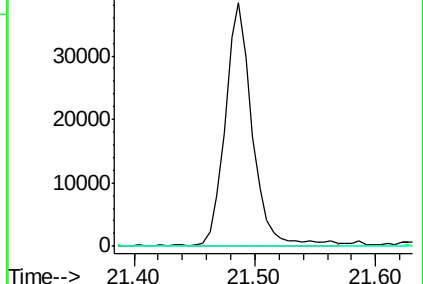
279 0.0 3.6 5.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.11 min Scan# 3714

Delta R.T. -0.03 min

Lab File: BG037394.D

Acq: 17 Oct 2018 17:31

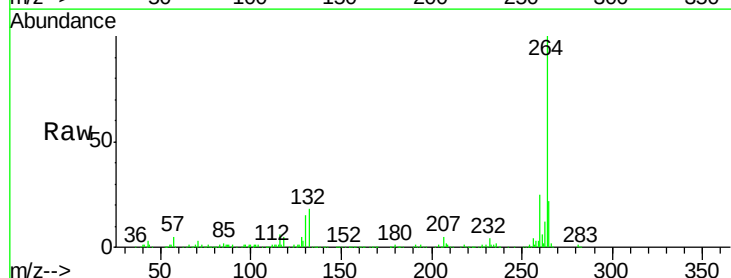
Tgt Ion:264 Resp: 508970

Ion Ratio Lower Upper

264 100

260 24.8 18.2 27.4

265 22.3 17.9 26.9



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

