

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102618\
 Data File : BG037599.D
 Acq On : 27 Oct 2018 2:59
 Operator : JU/SJ
 Sample : J5683-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 27 03:42:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

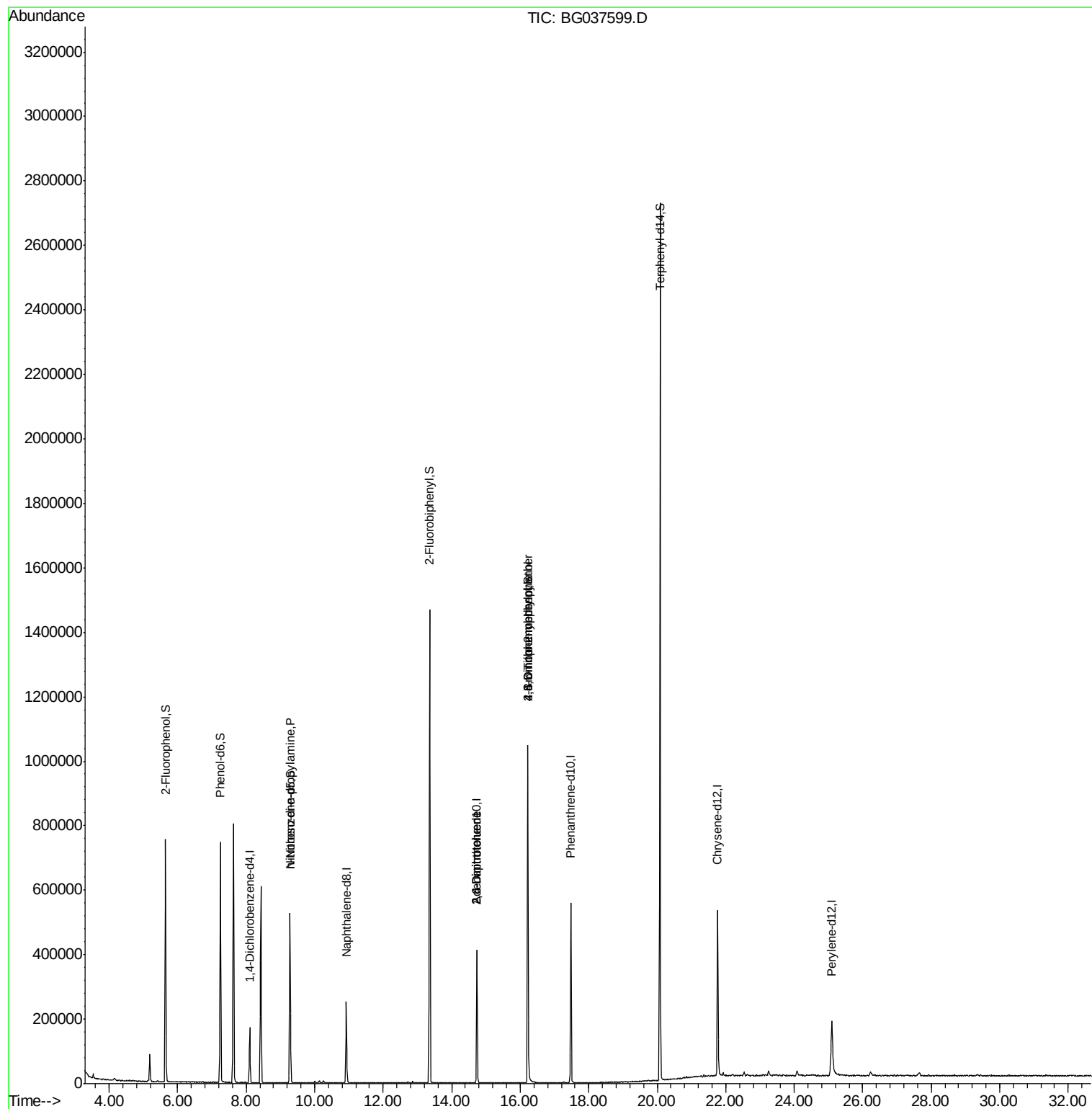
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	51244	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	221264	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	145345	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	364570	20.00	ng	0.00
76) Chrysene-d12	21.76	240	343836	20.00	ng	-0.01
87) Perylene-d12	25.10	264	237166	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	355918	116.12	ng	0.00
7) Phenol-d6	7.24	99	466856	100.73	ng	0.00
23) Nitrobenzene-d5	9.28	82	335659	84.98	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	194836	122.90	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	800633	83.07	ng	0.00
79) Terphenyl-d14	20.08	244	1305884	81.15	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.28	70	42536	13.328	ng	# 71
51) 2,6-Dinitrotoluene	14.74	165	19010	7.642	ng	# 23
57) 2,4-Dinitrotoluene	14.74	165	19010	5.822	ng	# 23
65) 4,6-Dinitro-2-methylphenol	16.23	198	346	8.656	ng	# 74
67) 4-Bromophenyl-phenylether	16.22	248	13939	3.482	ng	# 1

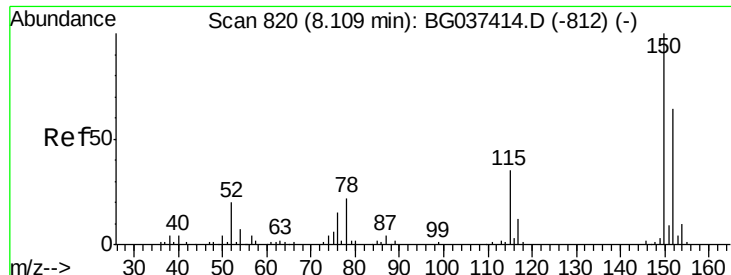
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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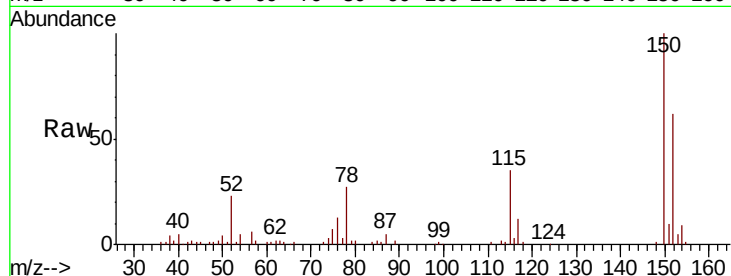


#1

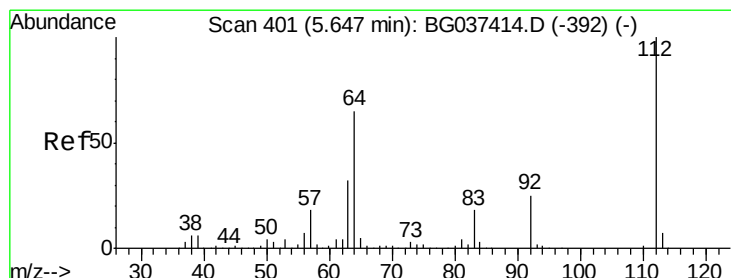
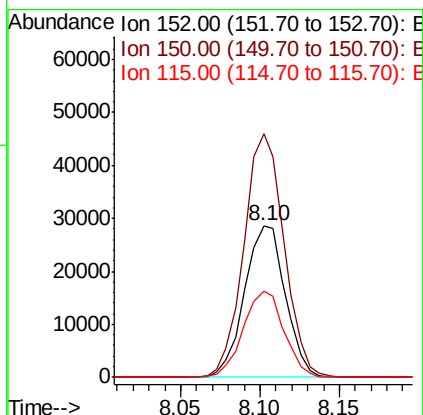
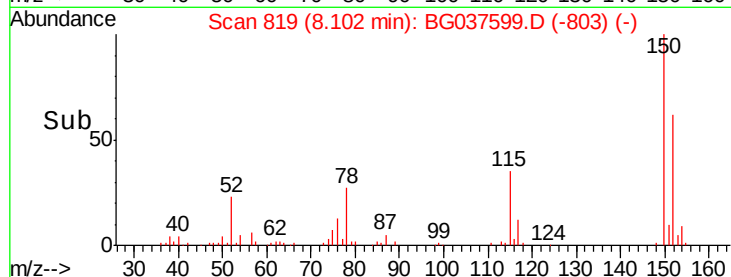
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037599.D
Acq: 27 Oct 2018 2:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 51244
Ion Ratio Lower Upper
152 100
150 160.5 126.0 189.0
115 56.7 45.5 68.3



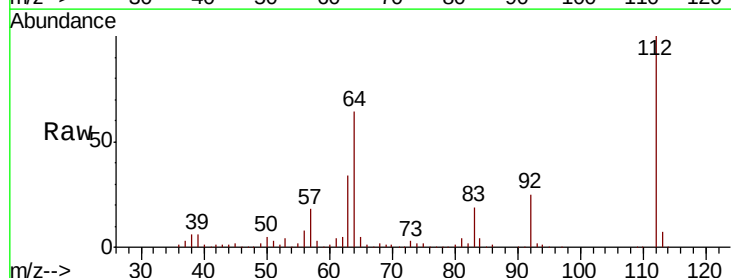
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



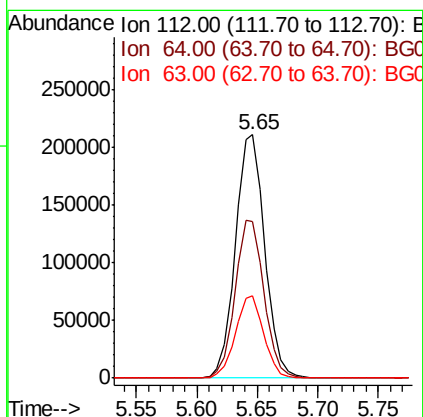
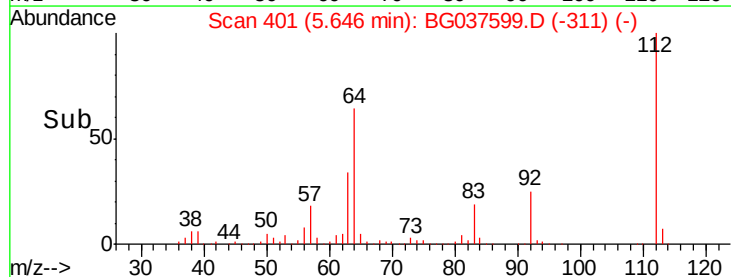
#5

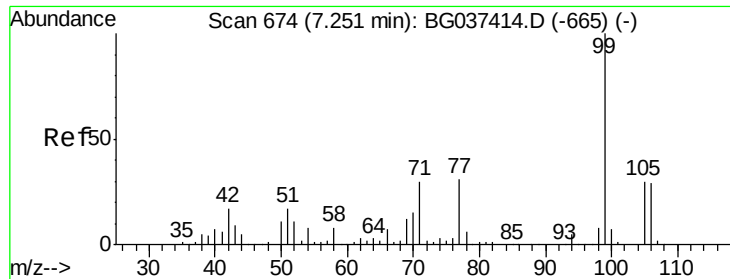
2-Fluorophenol
Concen: 116.119 ng
RT: 5.65 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037599.D
Acq: 27 Oct 2018 2:59

Tgt Ion:112 Resp: 355918
Ion Ratio Lower Upper
112 100
64 64.3 53.1 79.7
63 33.6 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: 100.728 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037599.D

Acq: 27 Oct 2018 2:59

Instrument :

BNA_G

ClientSampleId :

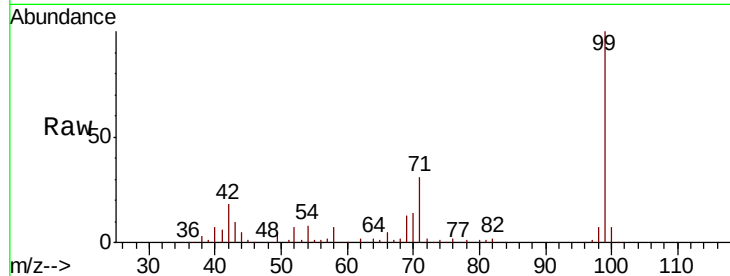
Tot Ion: 99 Resp: 466856

Ion Ratio Lower Upper

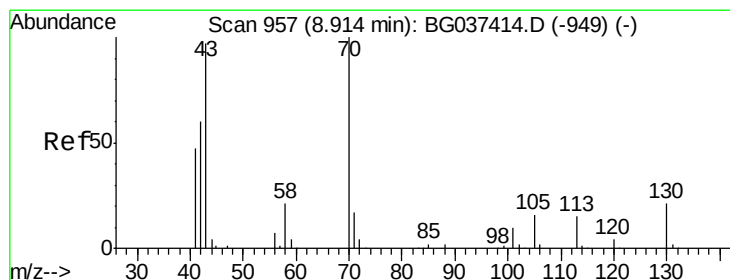
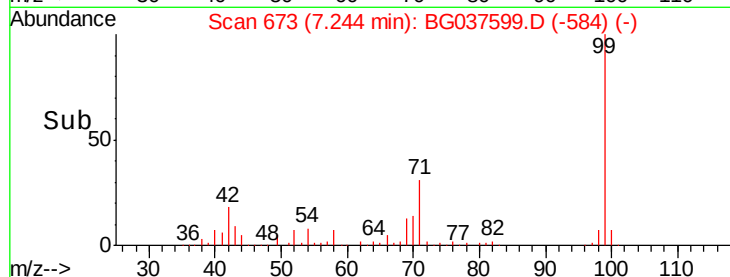
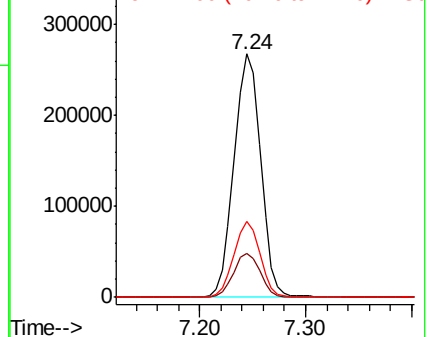
99 100

42 18.0 15.0 22.4

71 30.9 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: 13.328 ng

RT: 9.28 min Scan# 1019

Delta R.T. 0.36 min

Lab File: BG037599.D

Acq: 27 Oct 2018 2:59

Tgt Ion: 70 Resp: 42536

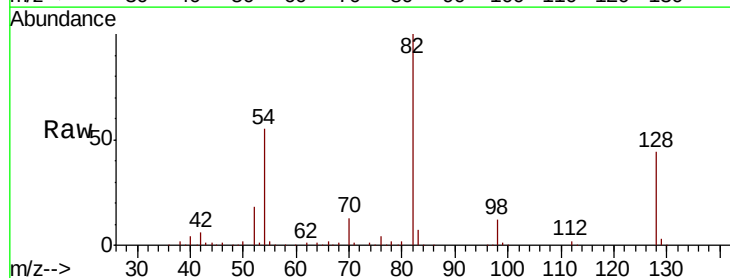
Ion Ratio Lower Upper

70 100

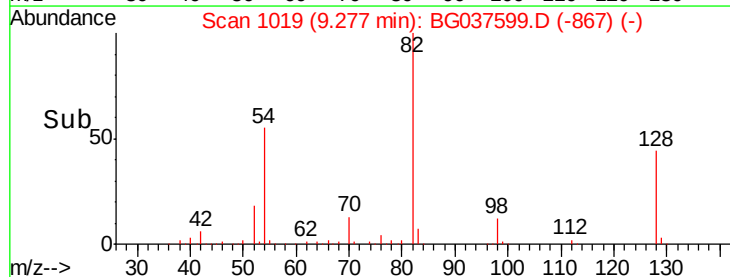
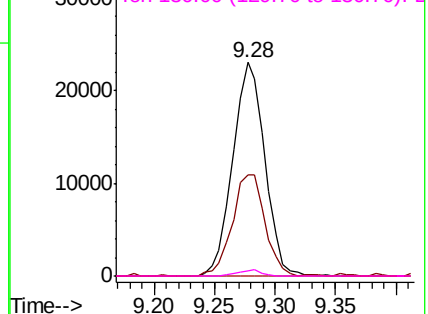
42 47.5 53.9 80.9#

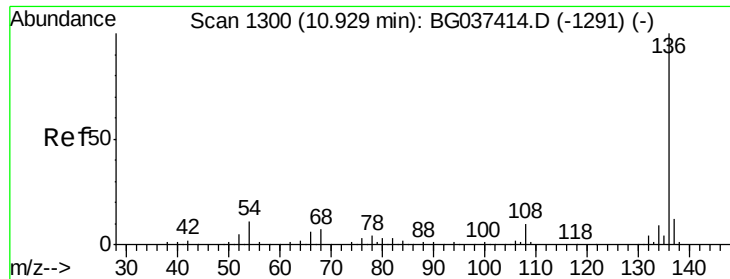
101 0.0 8.2 12.2#

130 2.3 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

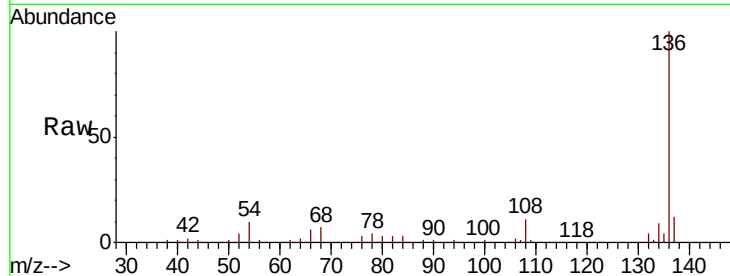




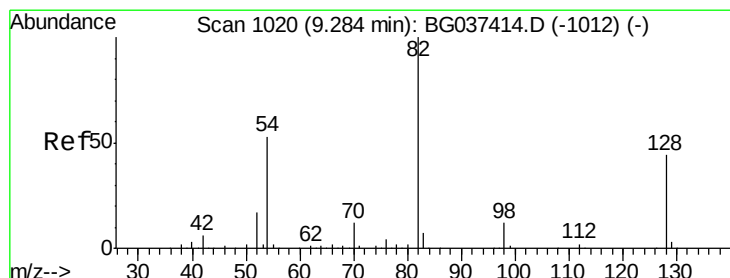
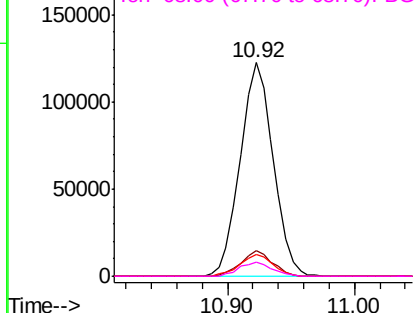
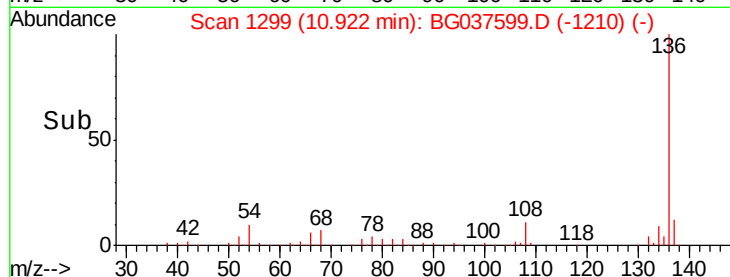
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037599.D
Acq: 27 Oct 2018 2:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	221264
Ion Ratio	Lower	Upper
136	100	
137	11.7	9.6 14.4
54	10.3	7.9 11.9
68	6.7	4.8 7.2

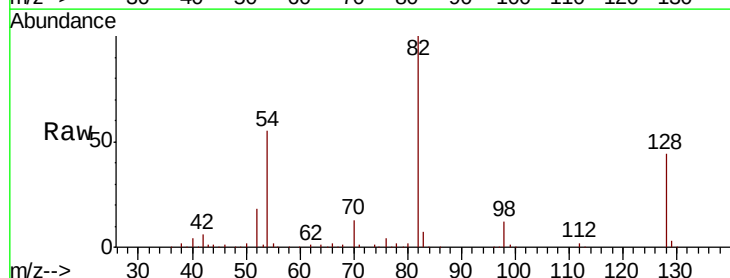


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

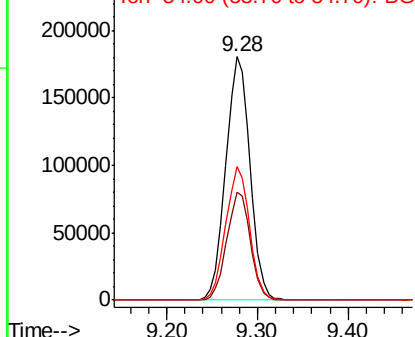
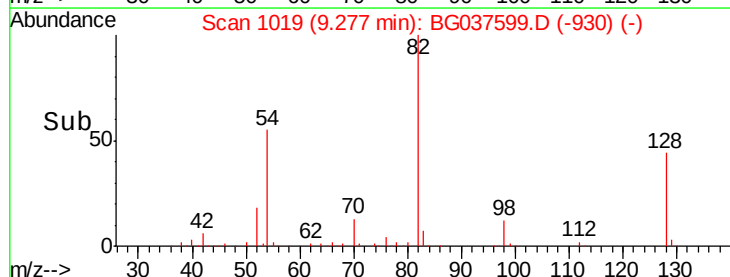


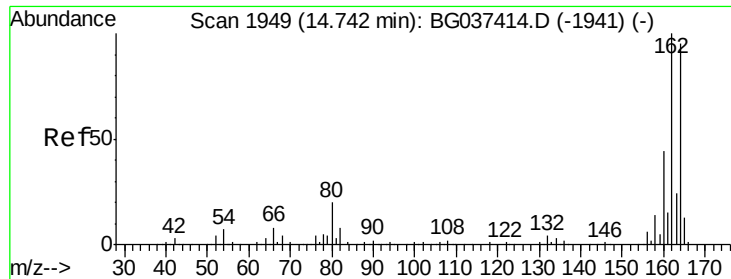
#23
Nitrobenzene-d5
Concen: 84.981 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037599.D
Acq: 27 Oct 2018 2:59

Tgt Ion: 82	Resp:	335659
Ion Ratio	Lower	Upper
82	100	
128	44.3	34.6 51.8
54	54.7	45.3 67.9



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG037599.D

Acq: 27 Oct 2018 2:59

Instrument :

BNA_G

ClientSampleId :

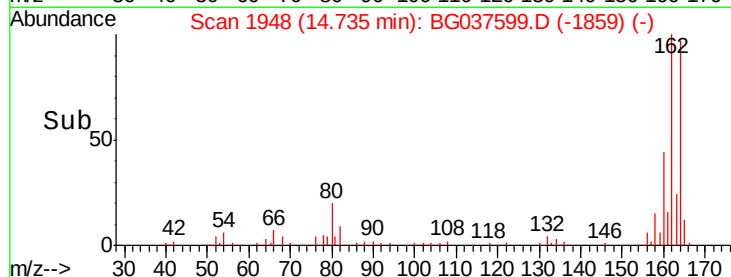
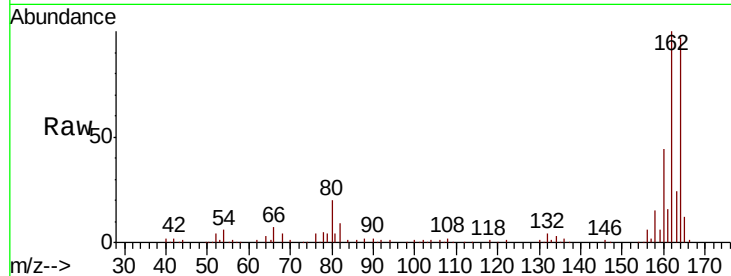
Tot Ion:164 Resp: 145345

Ion Ratio Lower Upper

164 100

162 103.3 81.3 121.9

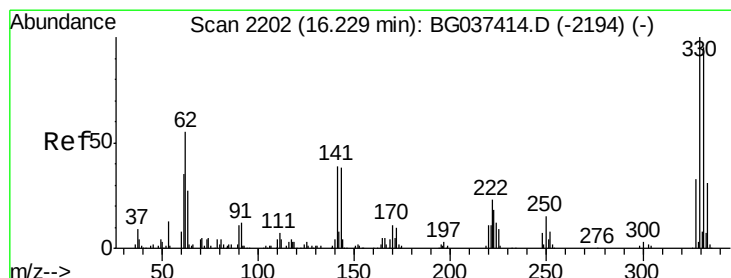
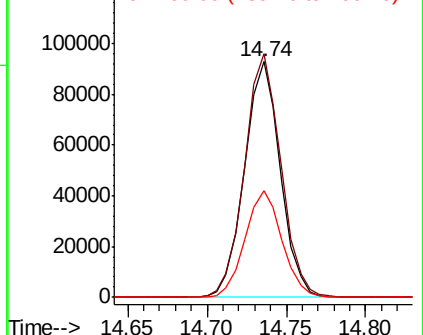
160 45.5 36.3 54.5



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: 122.905 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037599.D

Acq: 27 Oct 2018 2:59

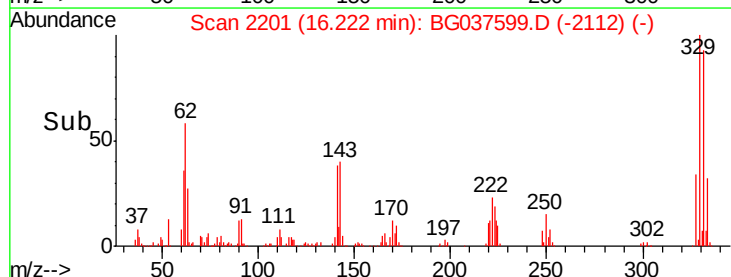
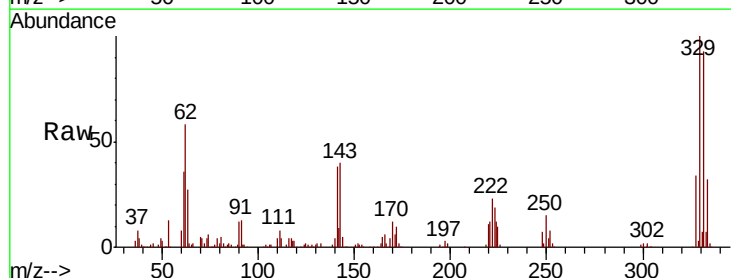
Tgt Ion:330 Resp: 194836

Ion Ratio Lower Upper

330 100

332 93.8 78.4 117.6

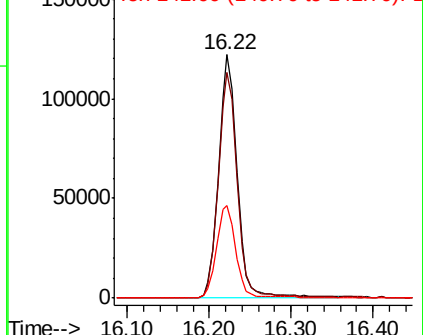
141 39.7 32.2 48.2

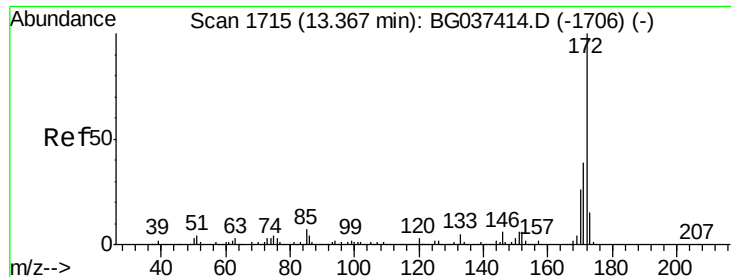


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

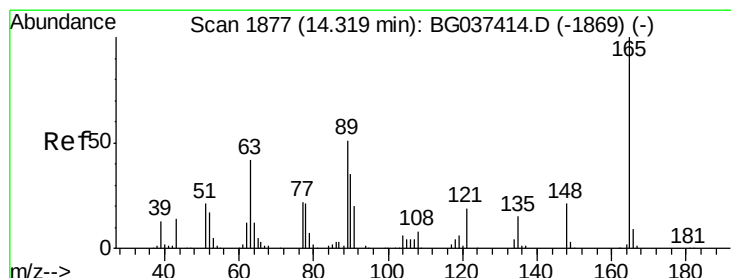
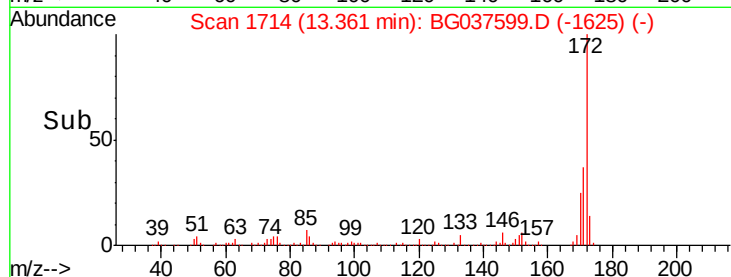
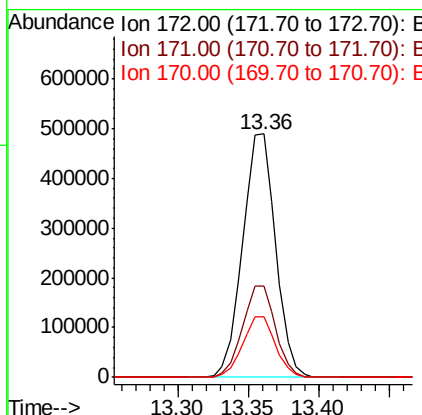
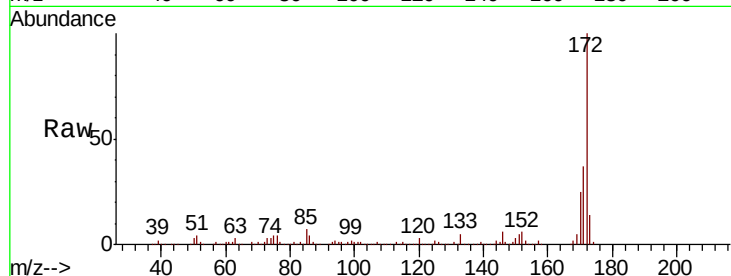




#45
2-Fluorobiphenyl
Concen: 83.065 ng
RT: 13.36 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG037599.D
Acq: 27 Oct 2018 2:59

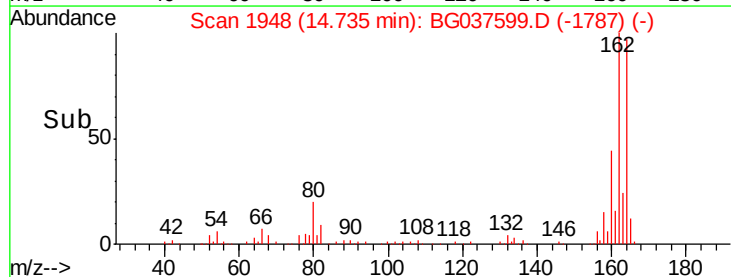
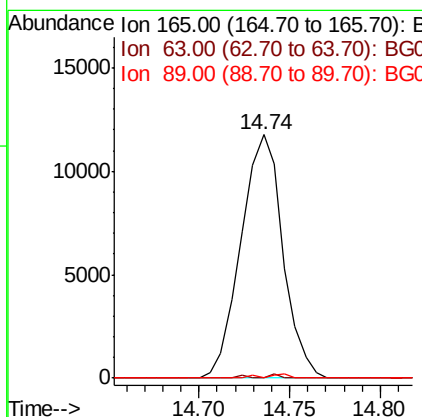
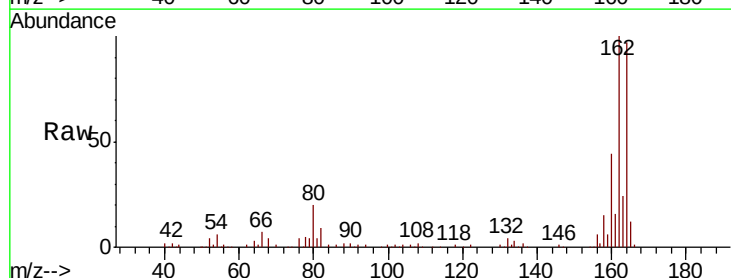
Instrument :
BNA_G
ClientSampleId :

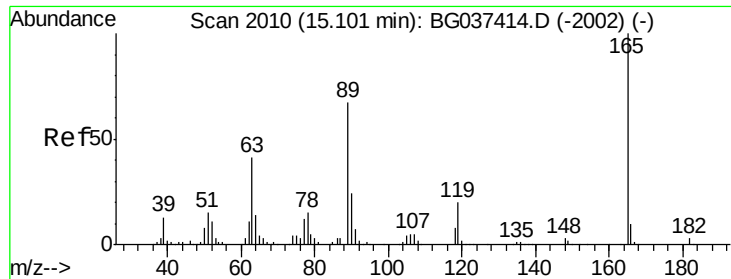
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.4	31.0	46.4
170	24.7	20.2	30.2



#51
2,6-Dinitrotoluene
Concen: 7.642 ng
RT: 14.74 min Scan# 1948
Delta R.T. 0.42 min
Lab File: BG037599.D
Acq: 27 Oct 2018 2:59

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.4	65.2#
89	0.0	45.8	68.6#

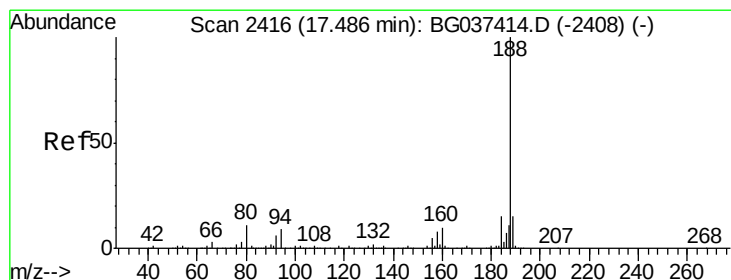
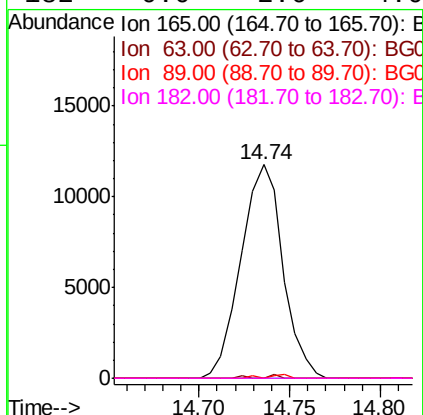
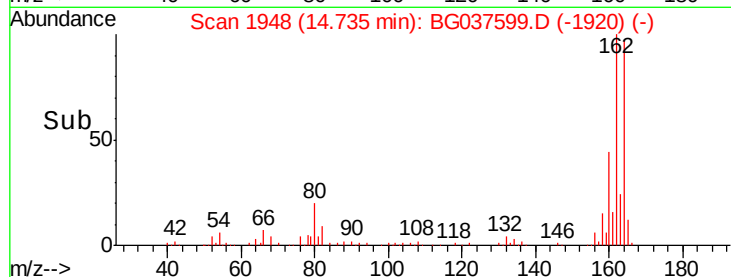
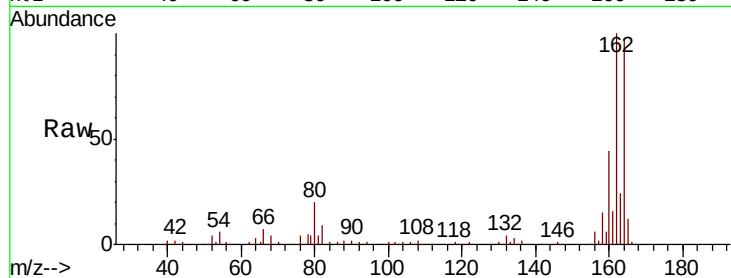




#57
2,4-Dinitrotoluene
Concen: 5.822 ng
RT: 14.74 min Scan# 1948
Delta R.T. -0.37 min
Lab File: BG037599.D
Acq: 27 Oct 2018 2:59

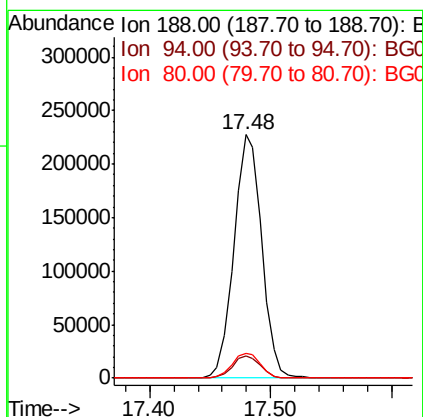
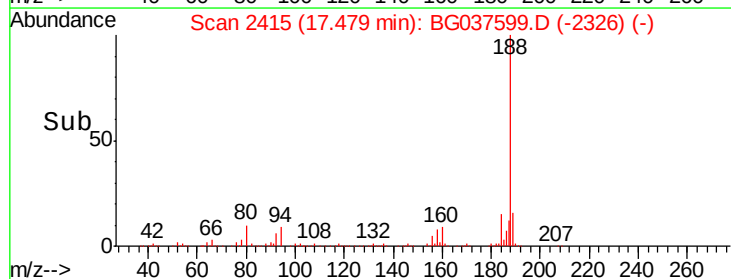
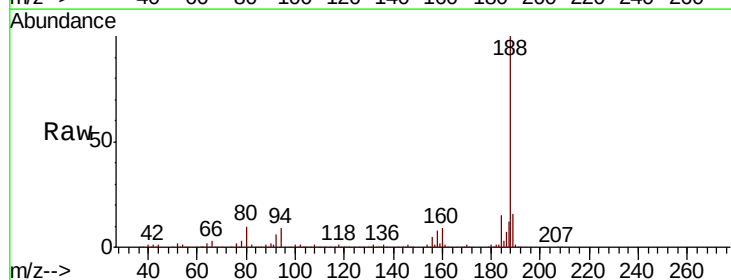
Instrument :
BNA_G
ClientSampleId :

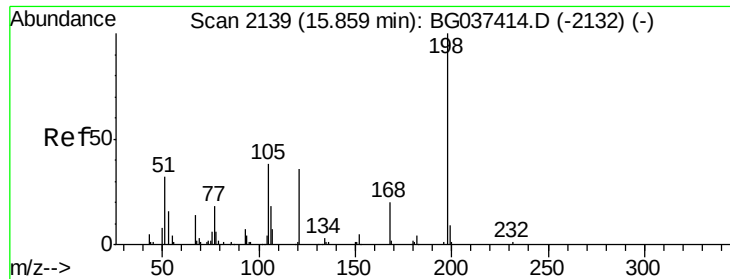
Tot Ion:165	Resp:	19010
Ion Ratio	Lower	Upper
165	100	
63	0.0	33.4 50.0#
89	0.0	57.2 85.8#
182	0.0	2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG037599.D
Acq: 27 Oct 2018 2:59

Tgt Ion:188	Resp:	364570
Ion Ratio	Lower	Upper
188	100	
94	9.1	7.2 10.8
80	10.3	7.7 11.5

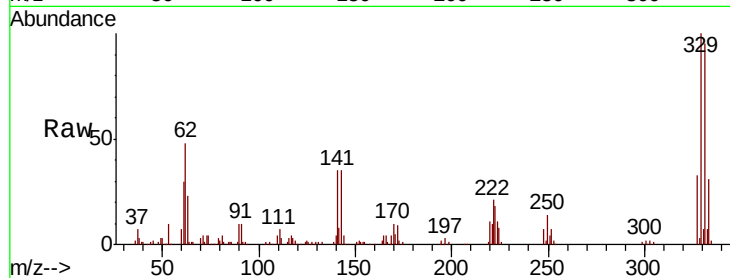




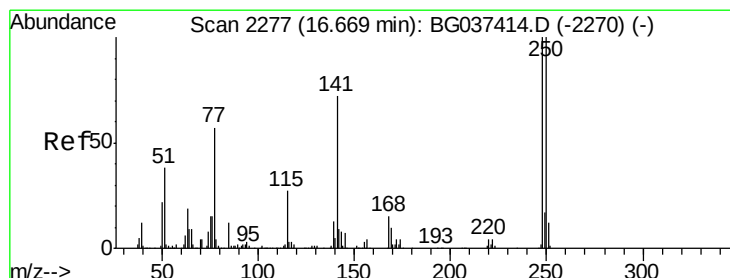
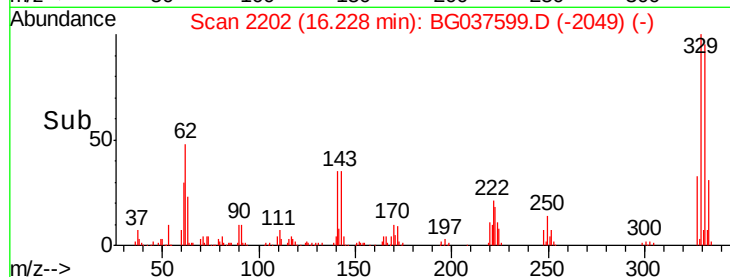
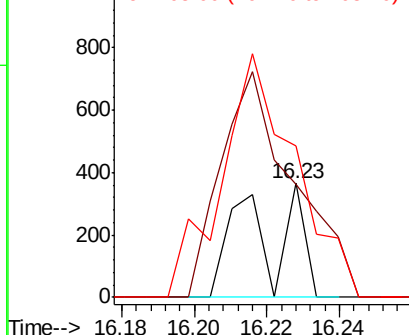
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.656 ng
 RT: 16.23 min Scan# 2202
 Delta R.T. 0.37 min
 Lab File: BG037599.D
 Acq: 27 Oct 2018 2:59

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 346
 Ion Ratio Lower Upper
 198 100
 51 21.5 22.7 62.7#
 105 28.7 19.7 59.7

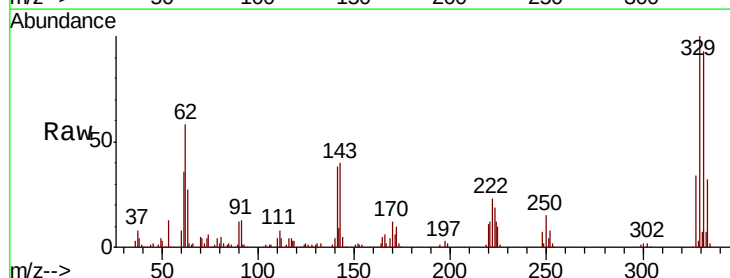


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG0
 Ion 105.00 (104.70 to 105.70): E

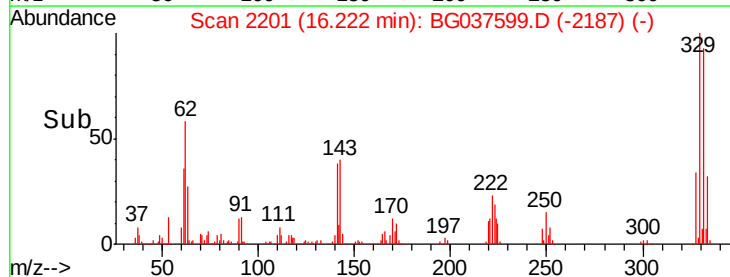
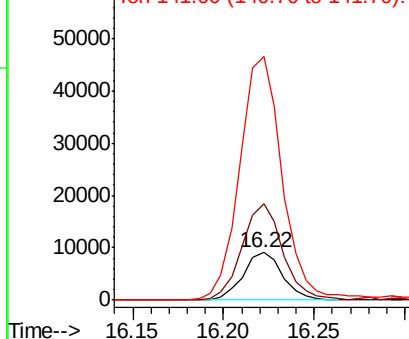


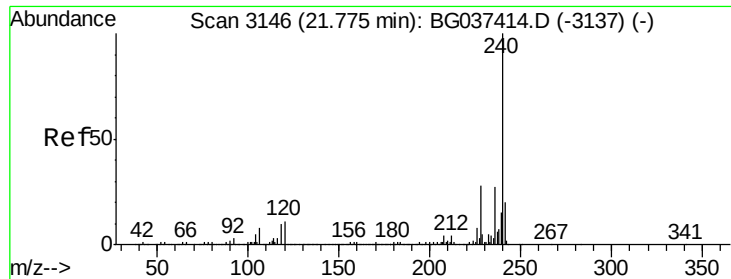
#67
 4-Bromophenyl-phenylether
 Concen: 3.482 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.45 min
 Lab File: BG037599.D
 Acq: 27 Oct 2018 2:59

Tgt Ion:248 Resp: 13939
 Ion Ratio Lower Upper
 248 100
 250 203.0 77.0 115.6#
 141 395.7 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

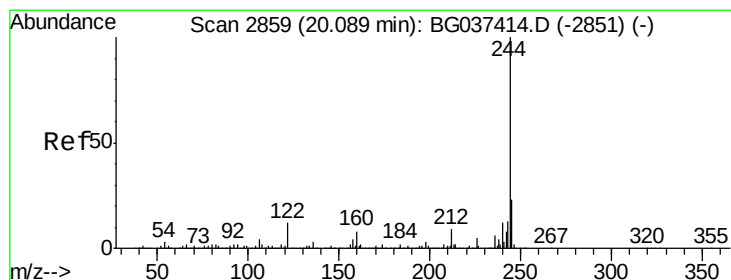
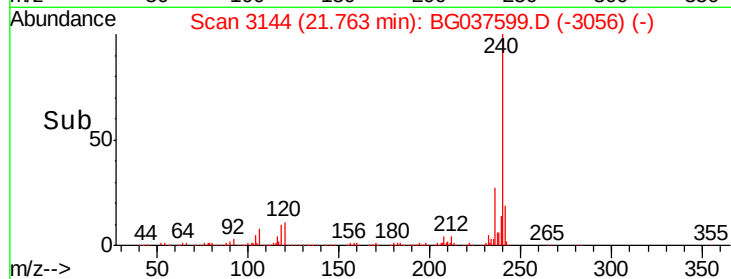
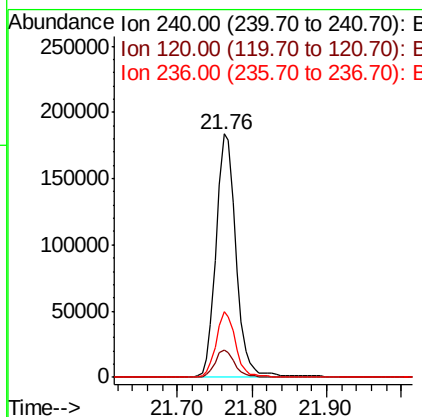
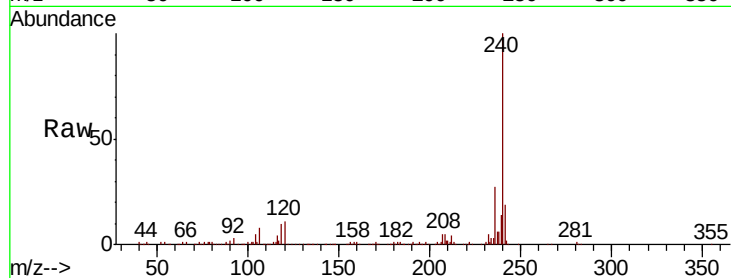




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.76 min Scan# 3144
 Delta R.T. -0.01 min
 Lab File: BG037599.D
 Acq: 27 Oct 2018 2:59

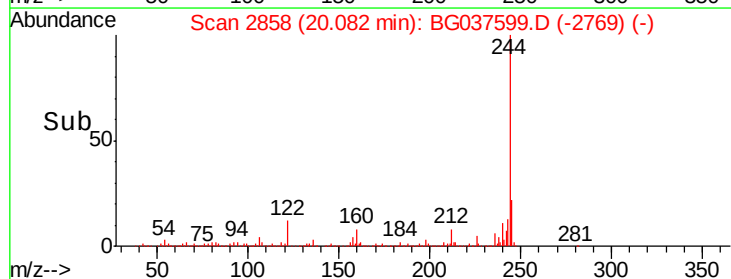
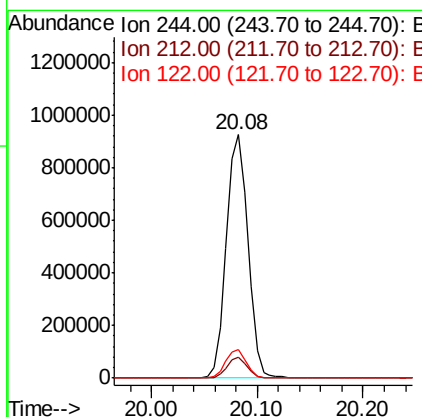
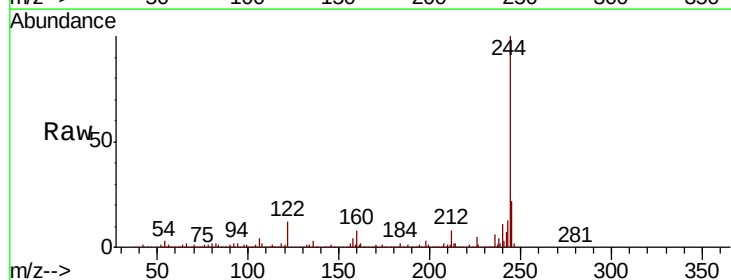
Instrument :
 BNA_G
 ClientSampleId :

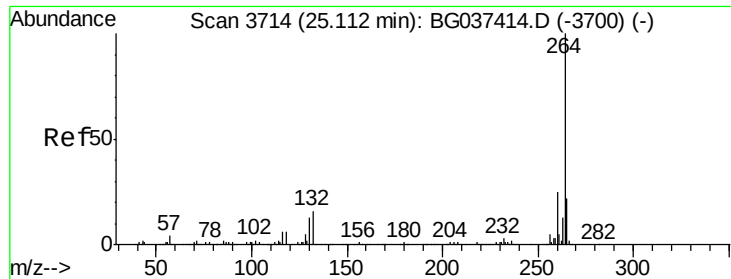
Tot Ion:240 Resp: 343836
 Ion Ratio Lower Upper
 240 100
 120 11.0 8.1 12.1
 236 27.2 21.4 32.0



#79
 Terphenyl-d14
 Concen: 81.154 ng
 RT: 20.08 min Scan# 2858
 Delta R.T. -0.01 min
 Lab File: BG037599.D
 Acq: 27 Oct 2018 2:59

Tgt Ion:244 Resp: 1305884
 Ion Ratio Lower Upper
 244 100
 212 8.5 6.5 9.7
 122 11.5 9.0 13.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3712
Delta R.T. -0.01 min
Lab File: BG037599.D
Acq: 27 Oct 2018 2:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.2	27.4
265	22.3	17.9	26.9

