

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102918\
 Data File : BG037619.D
 Acq On : 29 Oct 2018 12:35
 Operator : JU/SJ
 Sample : J5677-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S37-0010

Quant Time: Oct 29 14:35:40 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

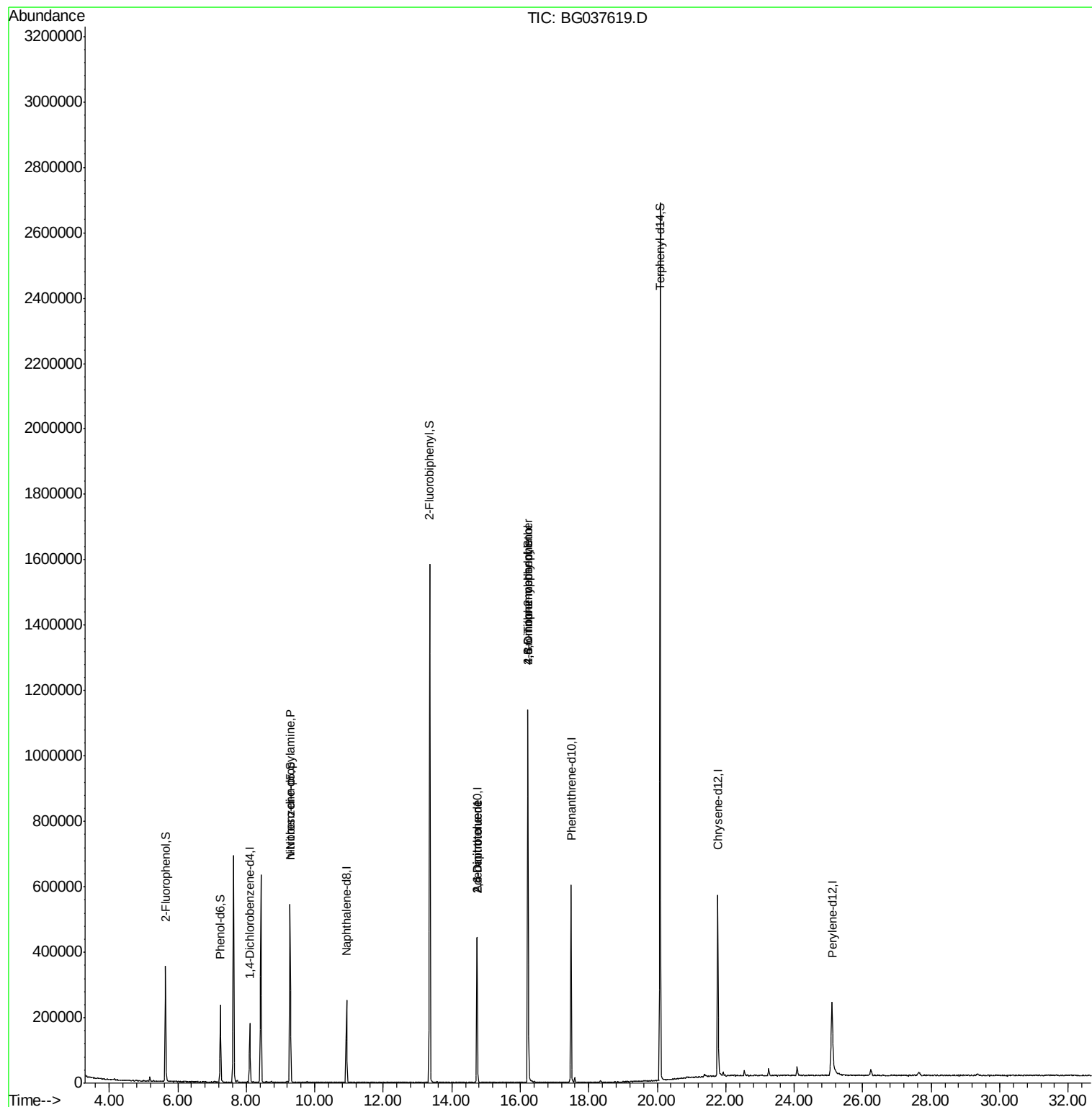
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	53463	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	233644	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	161176	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	391780	20.00	ng	0.00
76) Chrysene-d12	21.77	240	360399	20.00	ng	0.00
87) Perylene-d12	25.10	264	323332	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	173263	54.18	ng	0.00
7) Phenol-d6	7.24	99	149676	30.95	ng	0.00
23) Nitrobenzene-d5	9.28	82	349134	83.71	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	215479	122.58	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	876174	81.97	ng	0.00
79) Terphenyl-d14	20.08	244	1339976	79.45	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.28	70	43995	13.213	ng	# 71
51) 2,6-Dinitrotoluene	14.73	165	20959	7.598	ng	# 25
57) 2,4-Dinitrotoluene	14.73	165	20959	5.788	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.23	198	706	8.790	ng	76
67) 4-Bromophenyl-phenylether	16.22	248	16135	3.750	ng	# 1

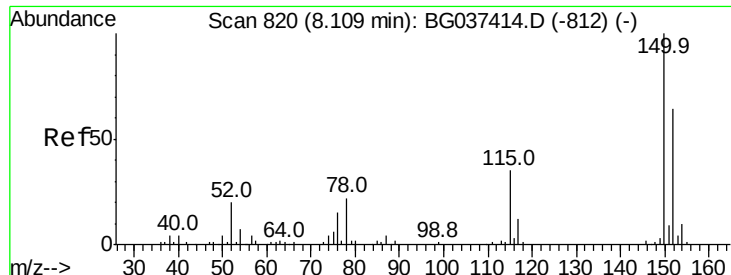
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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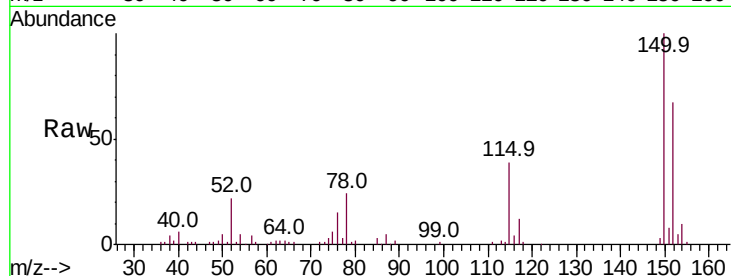


#1

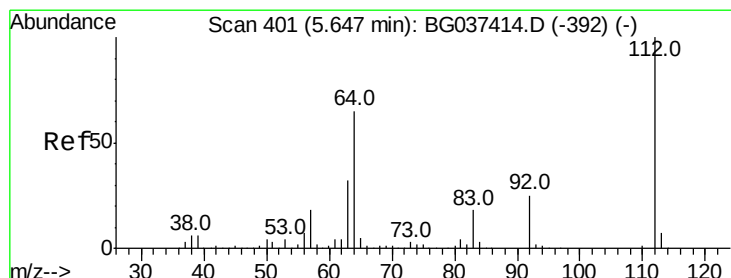
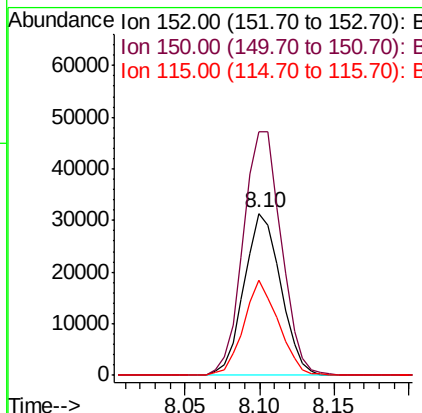
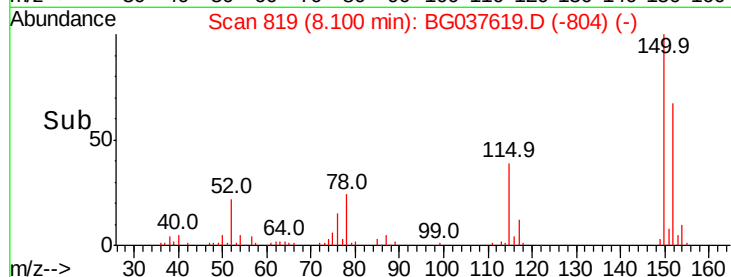
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037619.D
Acq: 29 Oct 2018 12:35

Instrument :
BNA_G
ClientSampleId :
S37-0010

Tot Ion:152 Resp: 53463
Ion Ratio Lower Upper
152 100
150 149.8 126.0 189.0
115 58.4 45.5 68.3



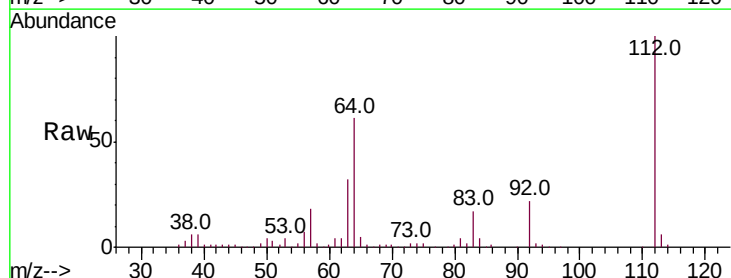
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



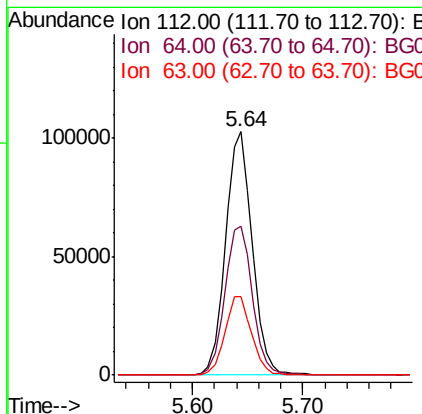
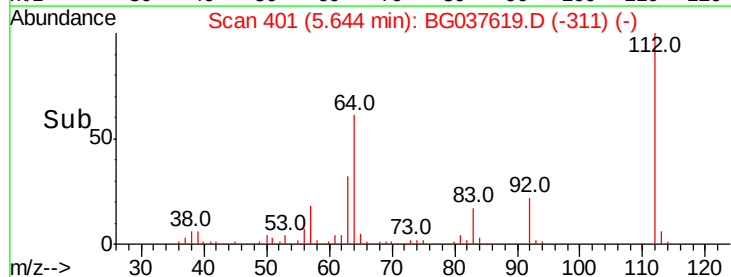
#5

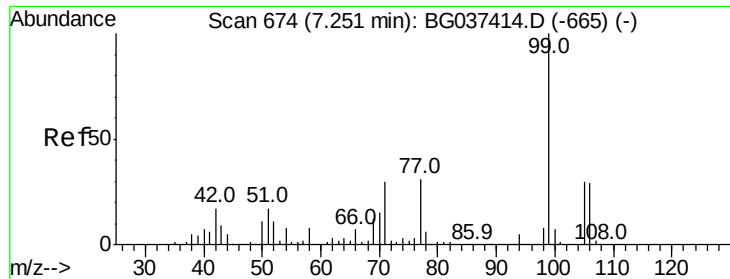
2-Fluorophenol
Concen: 54.181 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037619.D
Acq: 29 Oct 2018 12:35

Tgt Ion:112 Resp: 173263
Ion Ratio Lower Upper
112 100
64 61.1 53.1 79.7
63 32.2 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 30.953 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037619.D

Acq: 29 Oct 2018 12:35

Instrument :

BNA_G

ClientSampled :

S37-0010

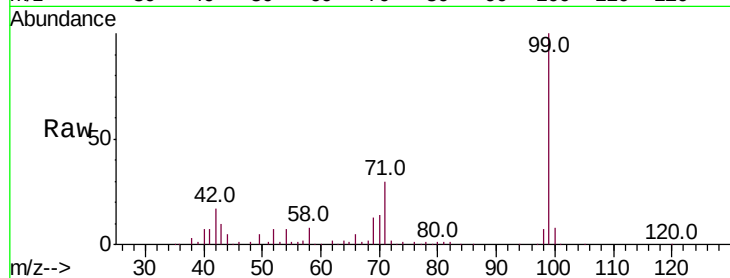
Tot Ion: 99 Resp: 149676

Ion Ratio Lower Upper

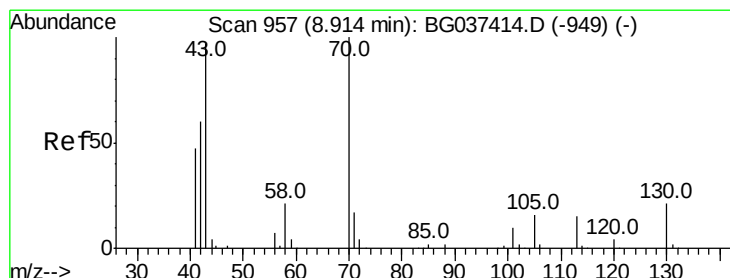
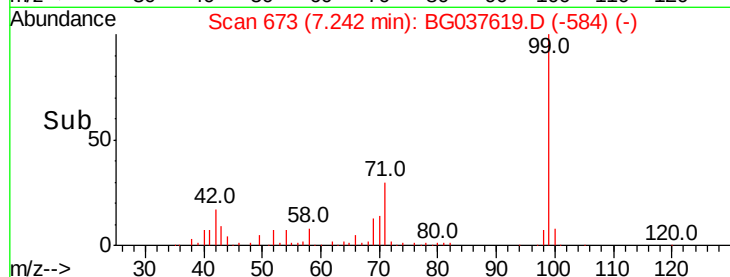
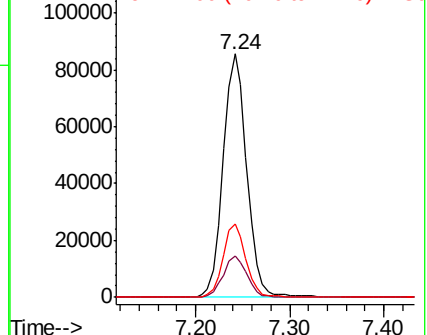
99 100

42 17.0 15.0 22.4

71 30.0 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: 13.213 ng

RT: 9.28 min Scan# 1020

Delta R.T. 0.37 min

Lab File: BG037619.D

Acq: 29 Oct 2018 12:35

Tgt Ion: 70 Resp: 43995

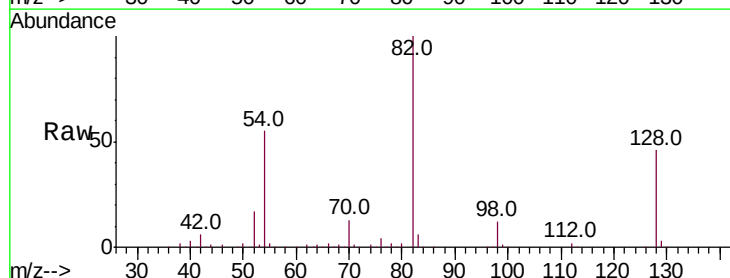
Ion Ratio Lower Upper

70 100

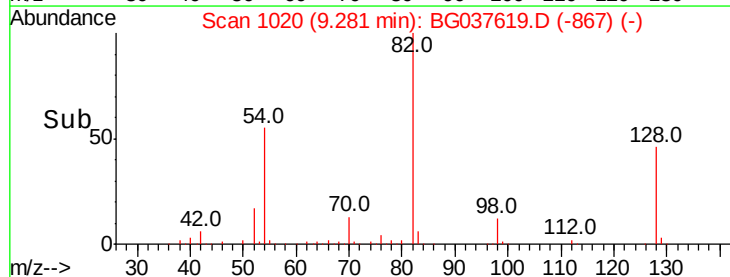
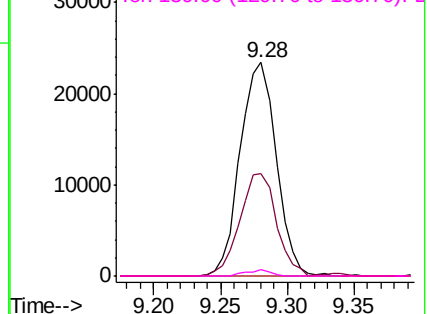
42 47.7 53.9 80.9#

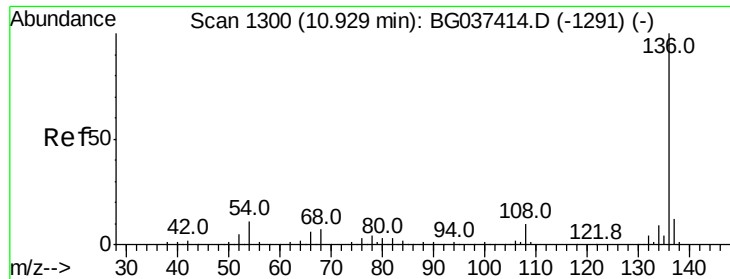
101 0.0 8.2 12.2#

130 2.9 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

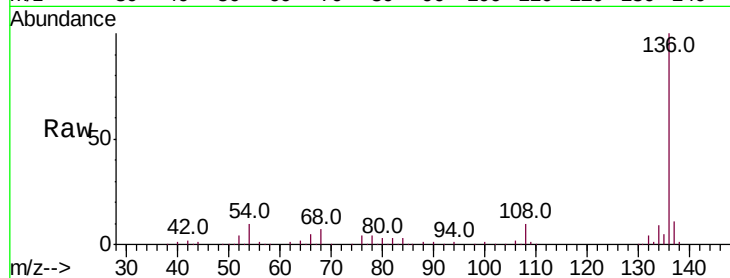




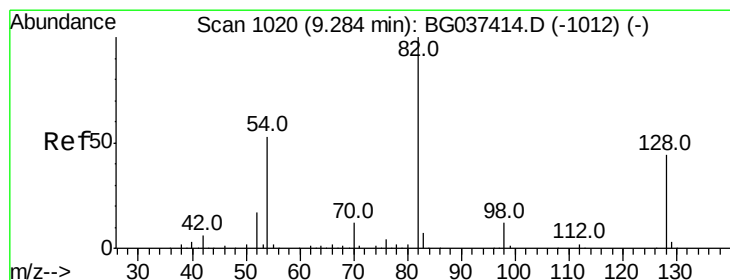
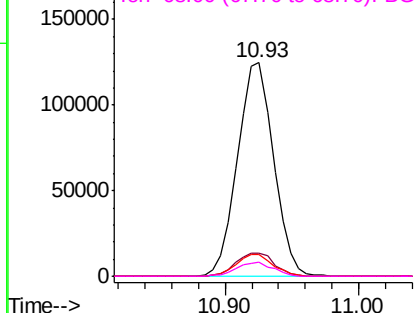
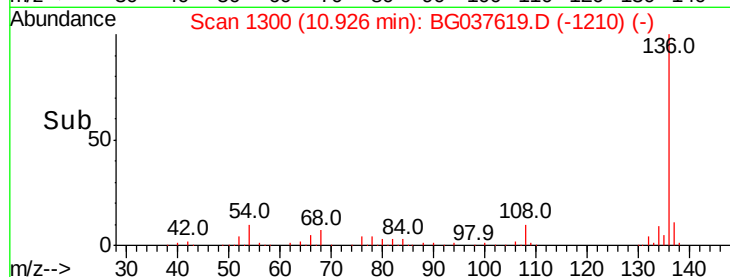
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037619.D
Acq: 29 Oct 2018 12:35

Instrument :
BNA_G
ClientSampleId :
S37-0010

Tot Ion:	136	Resp:	233644
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.6	14.4
54	10.1	7.9	11.9
68	6.7	4.8	7.2

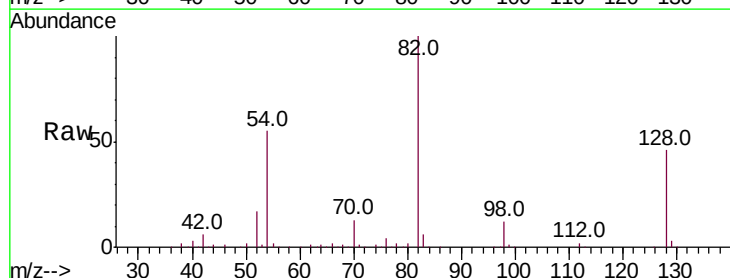


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

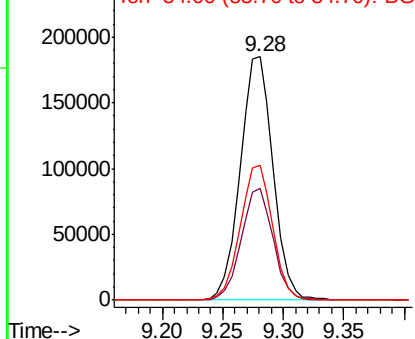
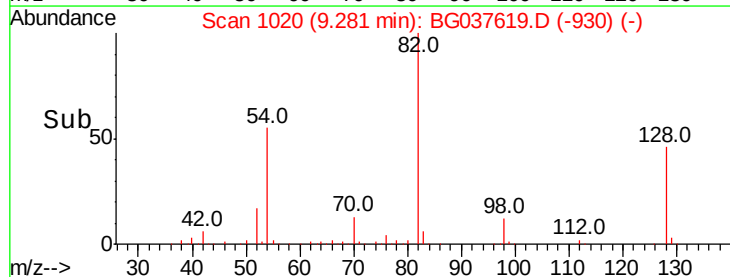


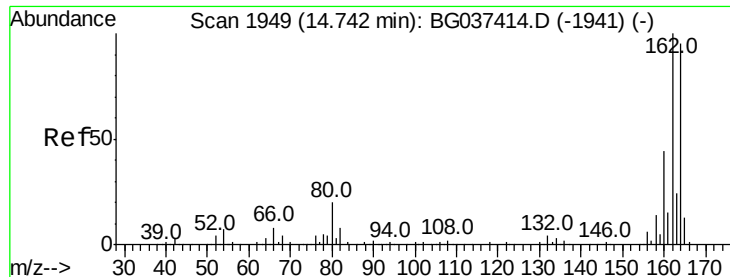
#23
Nitrobenzene-d5
Concen: 83.709 ng
RT: 9.28 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG037619.D
Acq: 29 Oct 2018 12:35

Tgt Ion:	82	Resp:	349134
Ion	Ratio	Lower	Upper
82	100		
128	46.1	34.6	51.8
54	55.4	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. -0.00 min

Lab File: BG037619.D

Acq: 29 Oct 2018 12:35

Instrument :

BNA_G

ClientSampled :

S37-0010

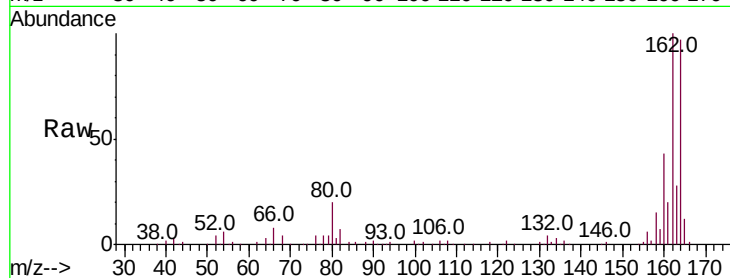
Tot Ion:164 Resp: 161176

Ion Ratio Lower Upper

164 100

162 103.3 81.3 121.9

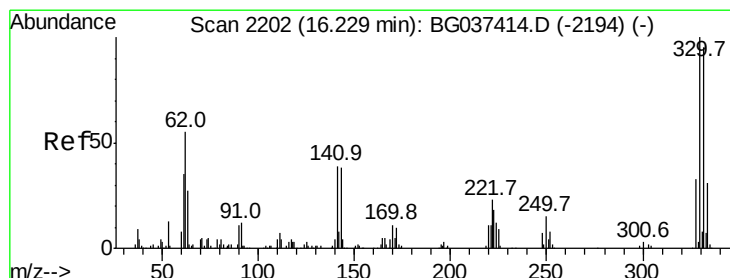
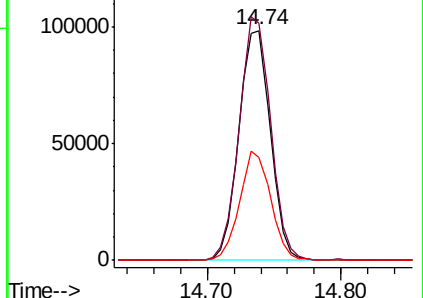
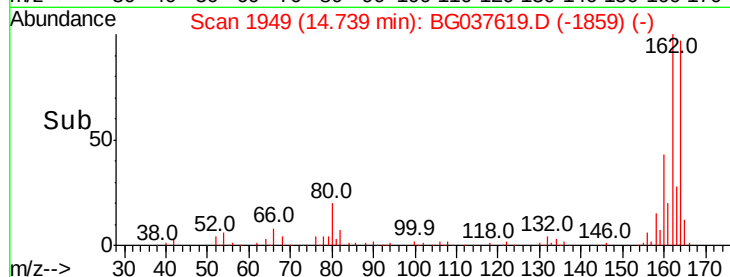
160 44.9 36.3 54.5



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: 122.575 ng

RT: 16.23 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG037619.D

Acq: 29 Oct 2018 12:35

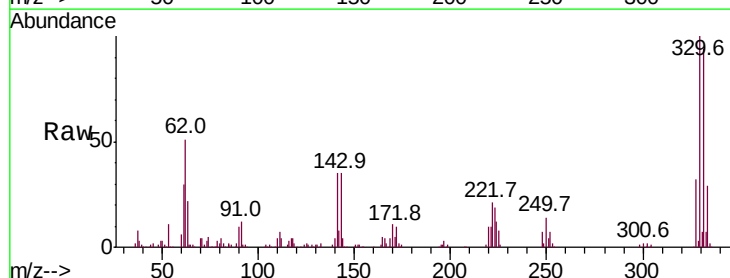
Tgt Ion:330 Resp: 215479

Ion Ratio Lower Upper

330 100

332 94.6 78.4 117.6

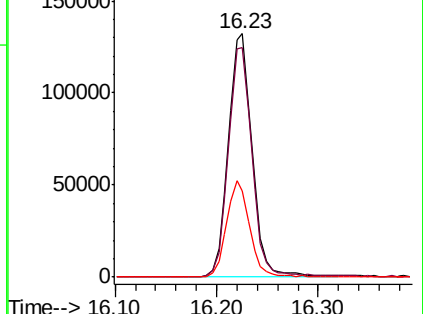
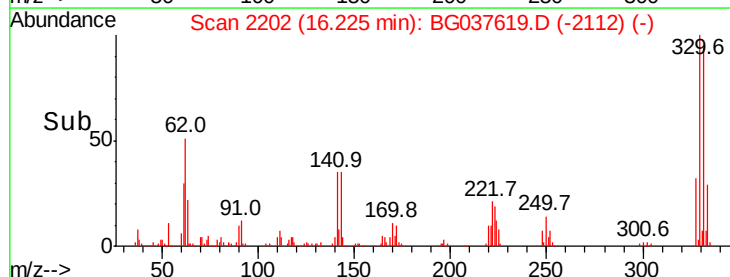
141 38.4 32.2 48.2

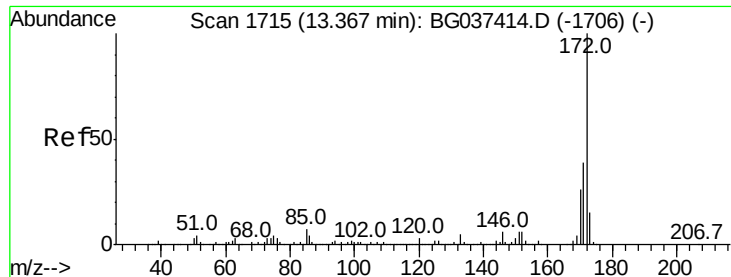


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

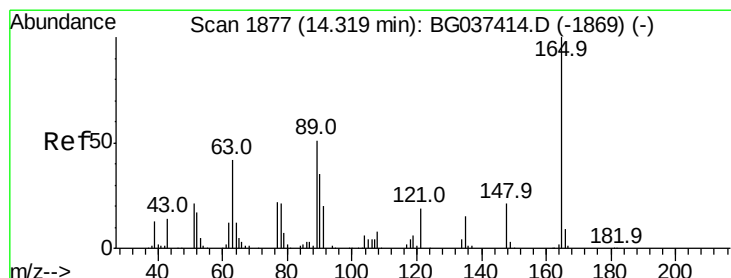
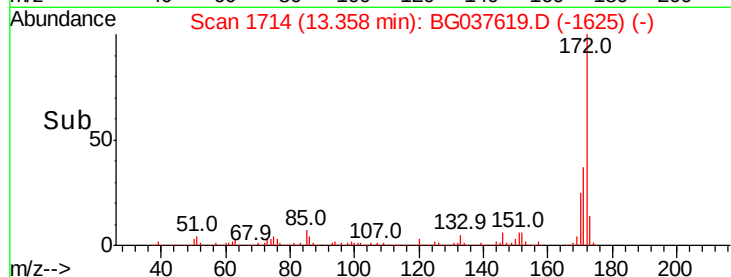
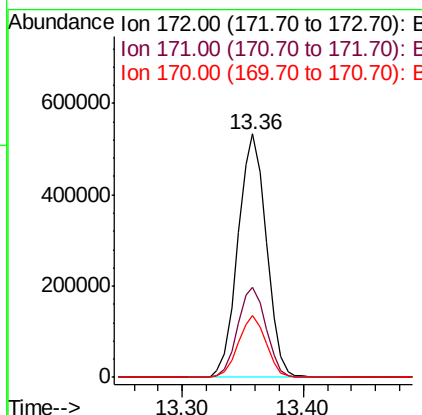
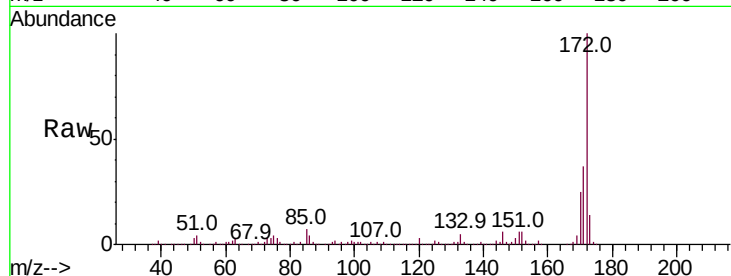




#45
 2-Fluorobiphenyl
 Concen: 81.974 ng
 RT: 13.36 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG037619.D
 Acq: 29 Oct 2018 12:35

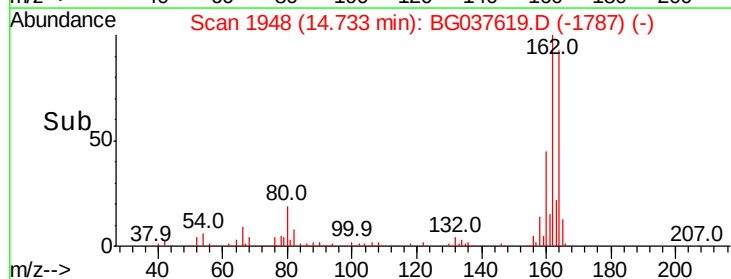
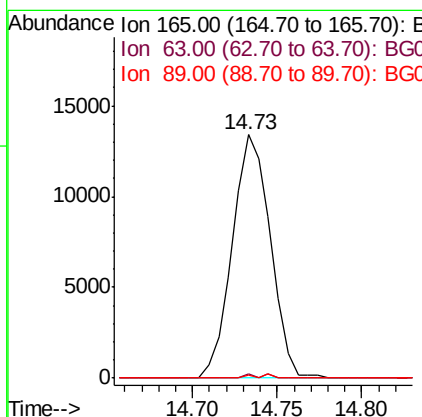
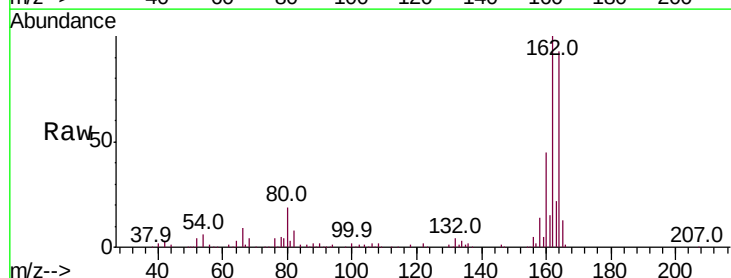
Instrument :
 BNA_G
 ClientSampleId :
 S37-0010

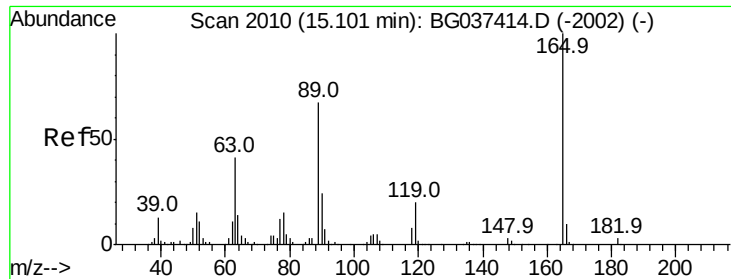
Tot Ion:172 Resp: 876174
 Ion Ratio Lower Upper
 172 100
 171 37.1 31.0 46.4
 170 25.3 20.2 30.2



#51
 2,6-Dinitrotoluene
 Concen: 7.598 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. 0.41 min
 Lab File: BG037619.D
 Acq: 29 Oct 2018 12:35

Tgt Ion:165 Resp: 20959
 Ion Ratio Lower Upper
 165 100
 63 1.5 43.4 65.2#
 89 1.3 45.8 68.6#





#57

2,4-Dinitrotoluene

Concen: 5.788 ng

RT: 14.73 min Scan# 1948

Delta R.T. -0.37 min

Lab File: BG037619.D

Acq: 29 Oct 2018 12:35

Instrument :

BNA_G

ClientSampleId :

S37-0010

Tot Ion:165 Resp: 20959

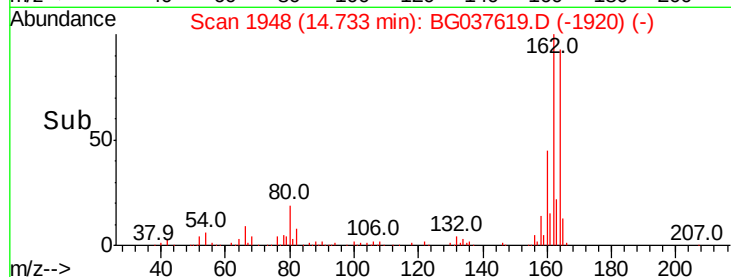
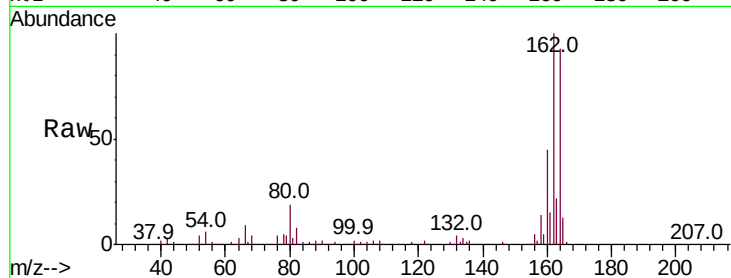
Ion Ratio Lower Upper

165 100

63 1.5 33.4 50.0#

89 1.3 57.2 85.8#

182 0.0 2.6 4.0#

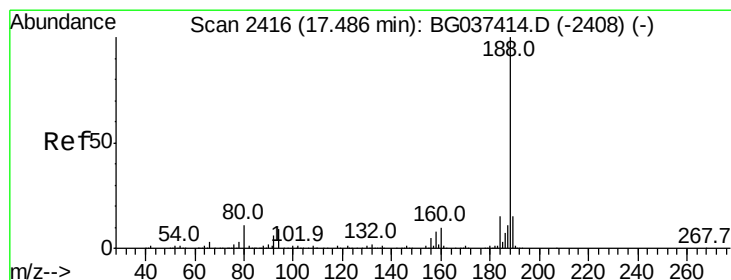
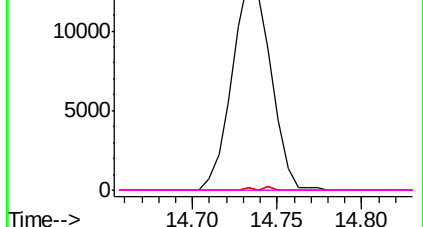


Abundance Ion 165.00 (164.70 to 165.70): E

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: 17.48 min Scan# 2416

Delta R.T. -0.00 min

Lab File: BG037619.D

Acq: 29 Oct 2018 12:35

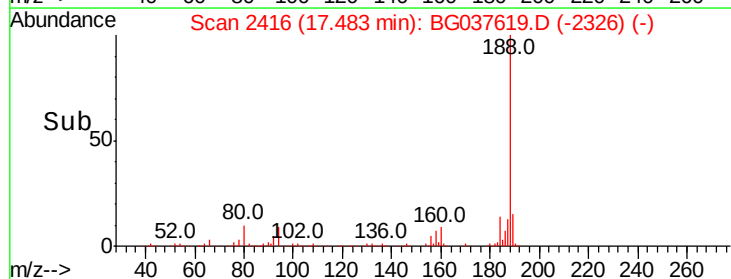
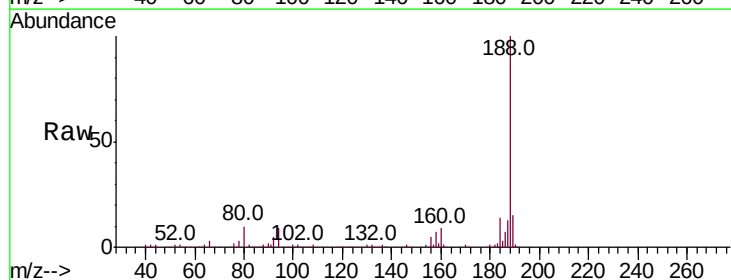
Tgt Ion:188 Resp: 391780

Ion Ratio Lower Upper

188 100

94 8.8 7.2 10.8

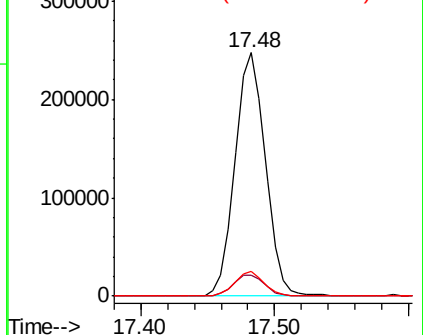
80 10.0 7.7 11.5

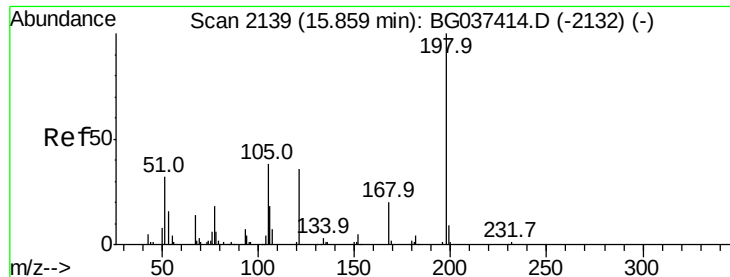


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

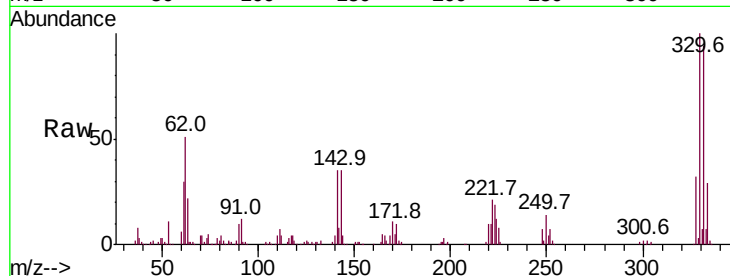




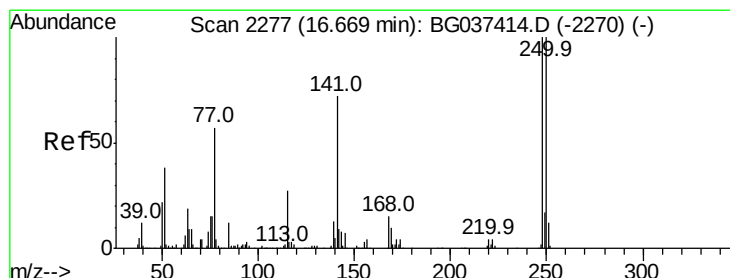
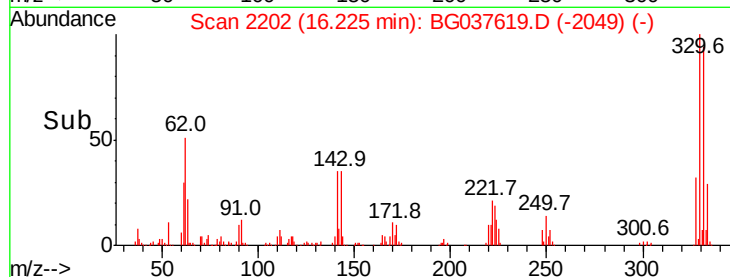
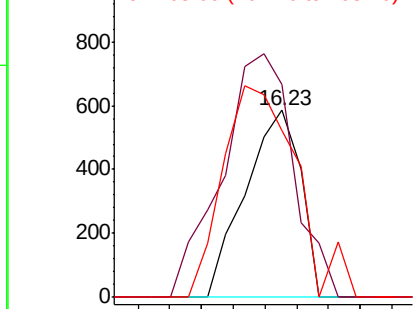
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.790 ng
 RT: 16.23 min Scan# 2202
 Delta R.T. 0.37 min
 Lab File: BG037619.D
 Acq: 29 Oct 2018 12:35

Instrument :
 BNA_G
 ClientSampleId :
 S37-0010

Tot Ion:198 Resp: 706
 Ion Ratio Lower Upper
 198 100
 51 29.2 22.7 62.7
 105 22.8 19.7 59.7

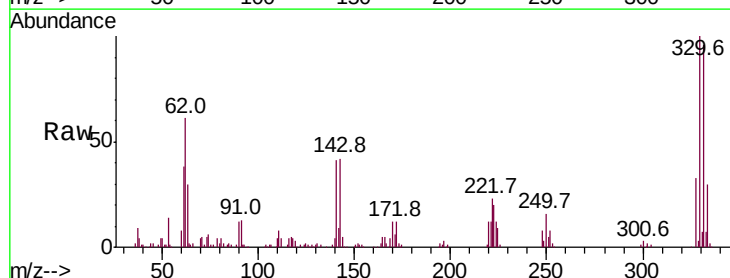


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

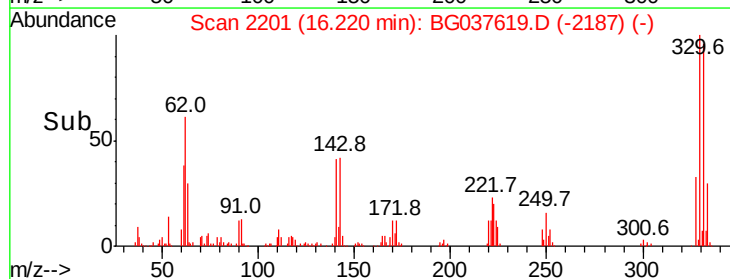
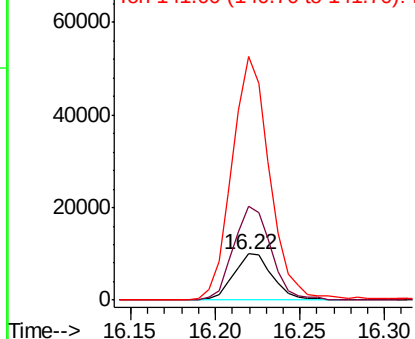


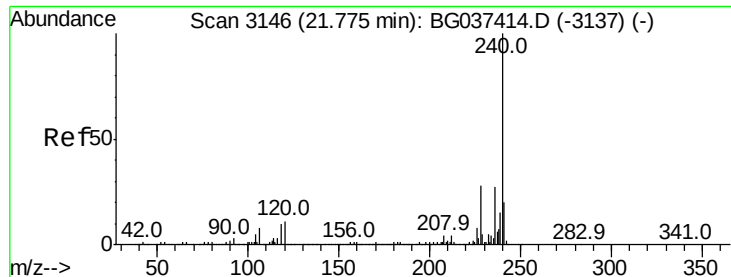
#67
 4-Bromophenyl-phenylether
 Concen: 3.750 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.45 min
 Lab File: BG037619.D
 Acq: 29 Oct 2018 12:35

Tgt Ion:248 Resp: 16135
 Ion Ratio Lower Upper
 248 100
 250 197.6 77.0 115.6#
 141 393.2 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# 3145

Delta R.T. -0.01 min

Lab File: BG037619.D

Acq: 29 Oct 2018 12:35

Instrument :

BNA_G

ClientSampled :

S37-0010

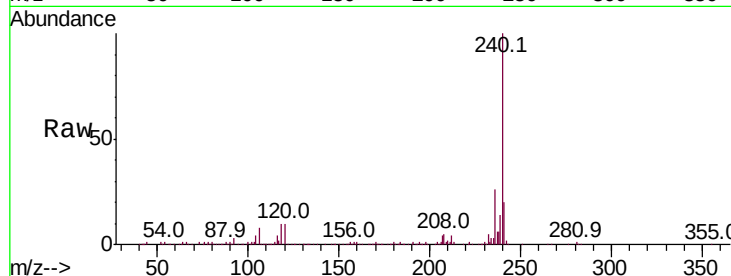
Tot Ion:240 Resp: 360399

Ion Ratio Lower Upper

240 100

120 10.1 8.1 12.1

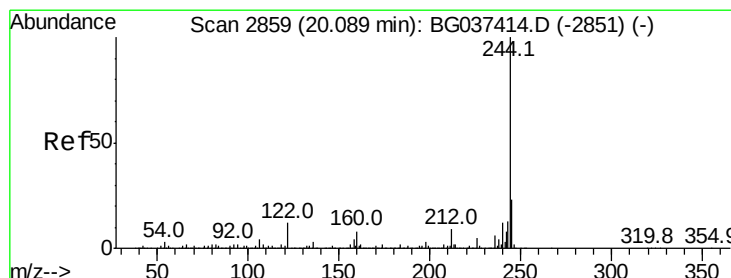
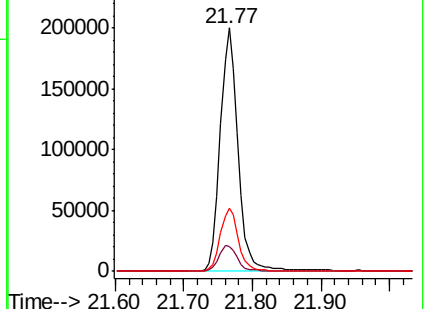
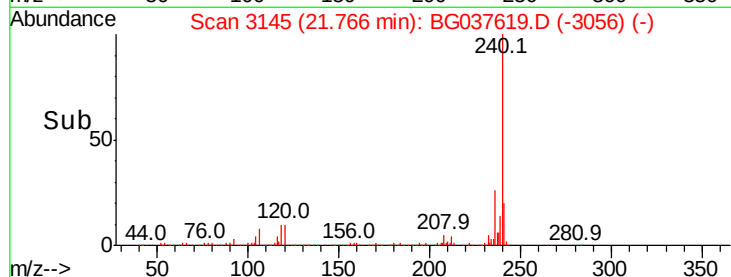
236 25.7 21.4 32.0



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



#79

Terphenyl-d14

Concen: 79.446 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037619.D

Acq: 29 Oct 2018 12:35

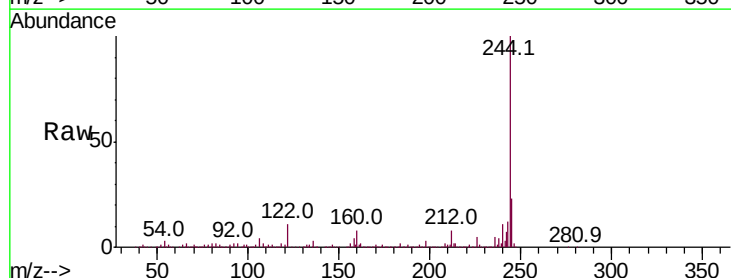
Tgt Ion:244 Resp: 1339976

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

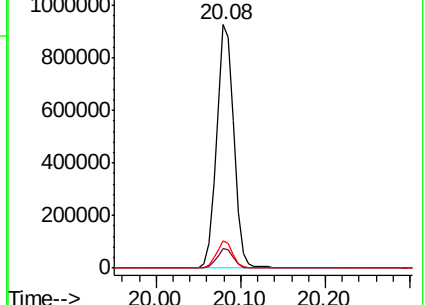
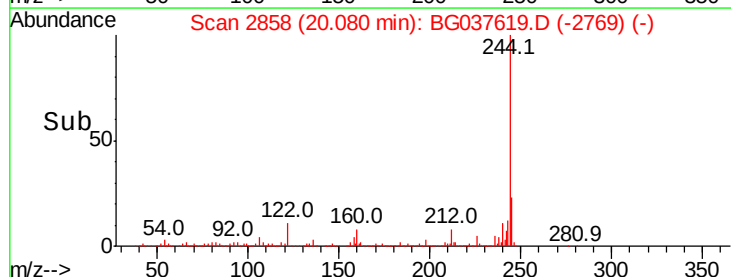
122 11.3 9.0 13.4

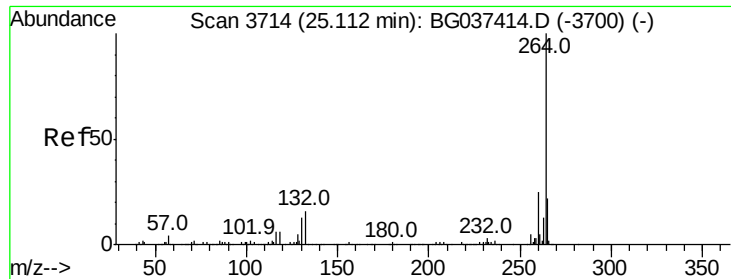


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3713
Delta R.T. -0.01 min
Lab File: BG037619.D
Acq: 29 Oct 2018 12:35

Instrument :
BNA_G
ClientSampleId :
S37-0010

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.2	27.4
265	22.6	17.9	26.9

