

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 :

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

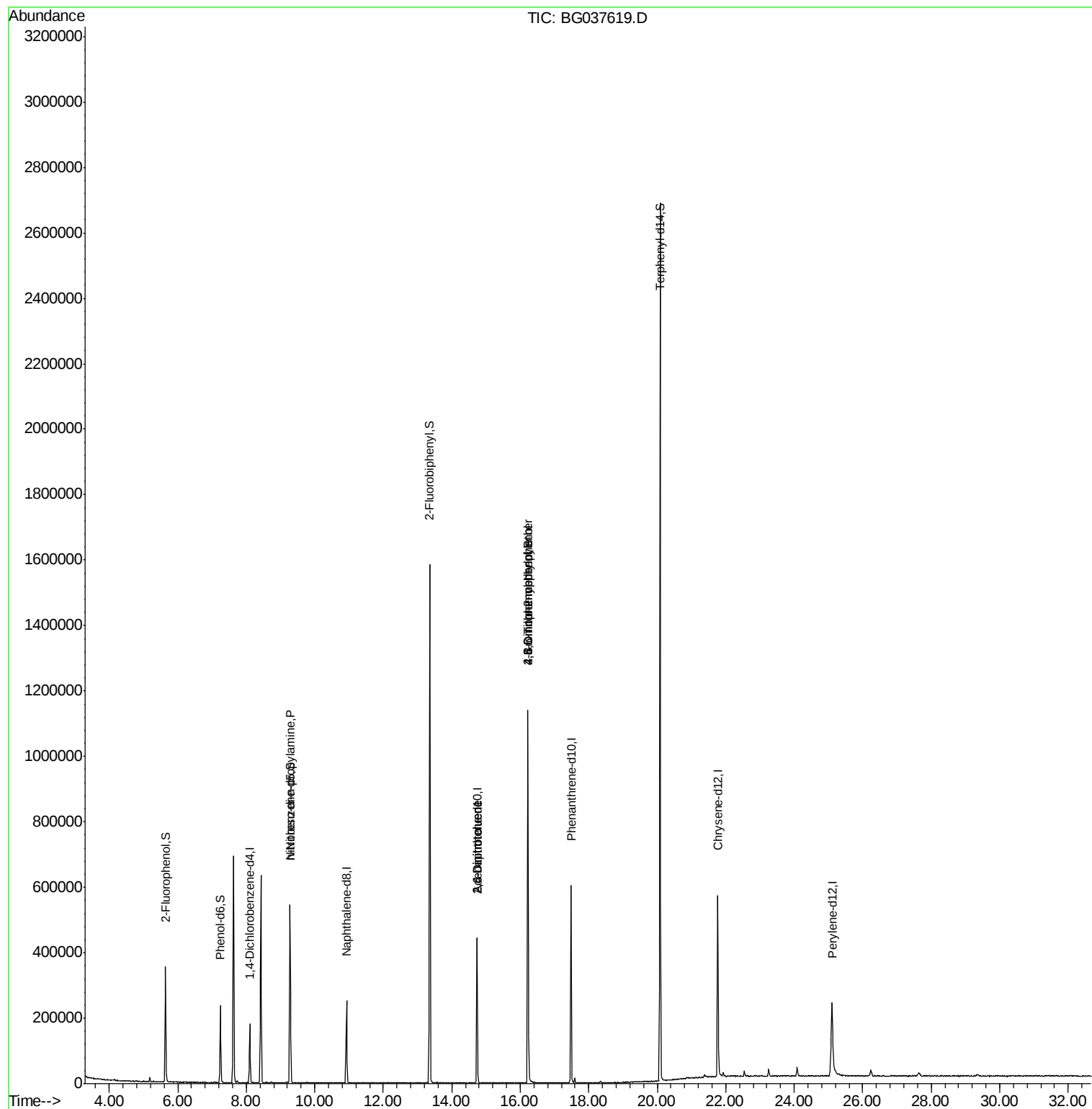
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	53463	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	233644	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	161176	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	391780	20.00	ng	0.00
76) Chrysene-d12	21.77	240	360399	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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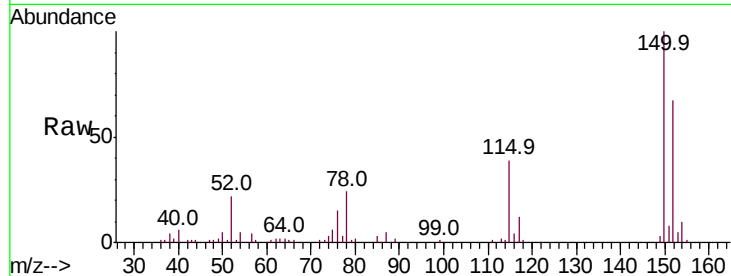


#1

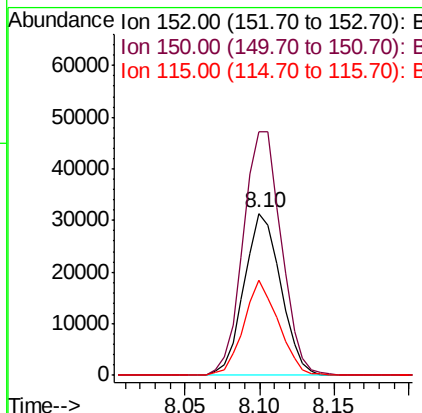
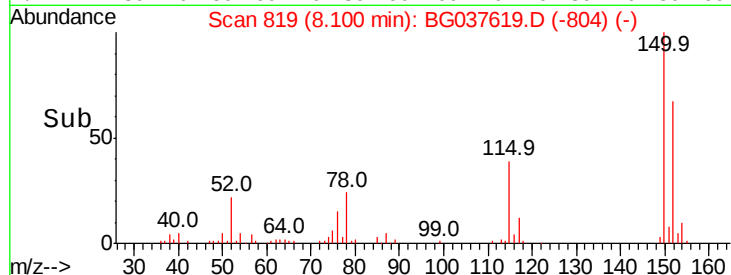
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.10 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BG037619.D
 Acq: 29 Oct 2018 12:35

Instrument :
 BNA_G
 ClientSampleId :

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



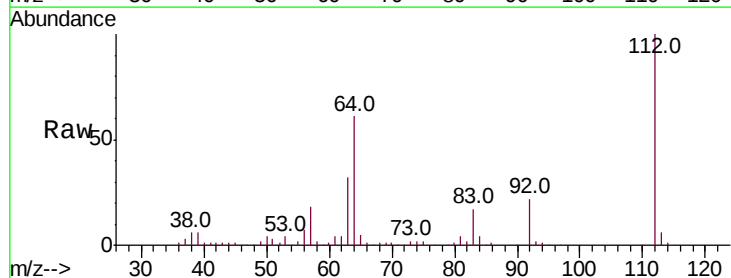
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



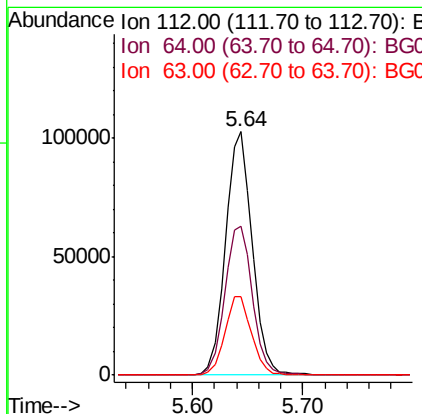
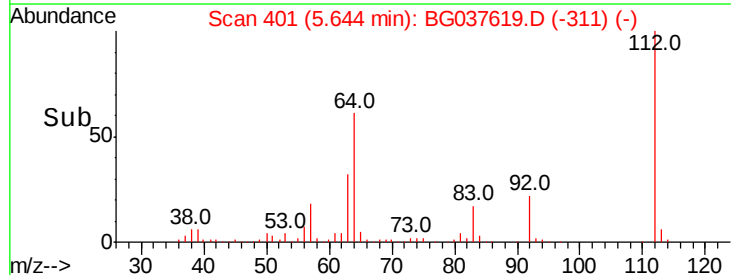
#5

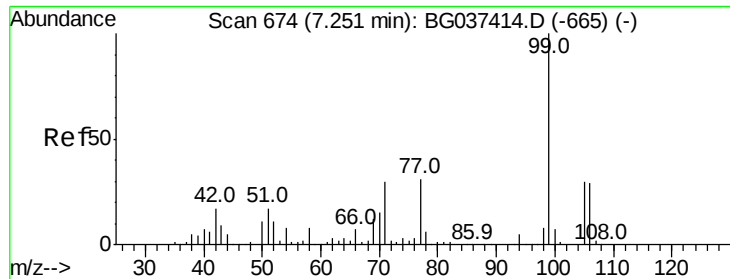
2-Fluorophenol
 Concen: 54.181 ng
 RT: 5.64 min Scan# 401
 Delta R.T. -0.00 min
 Lab File: BG037619.D
 Acq: 29 Oct 2018 12:35

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 :

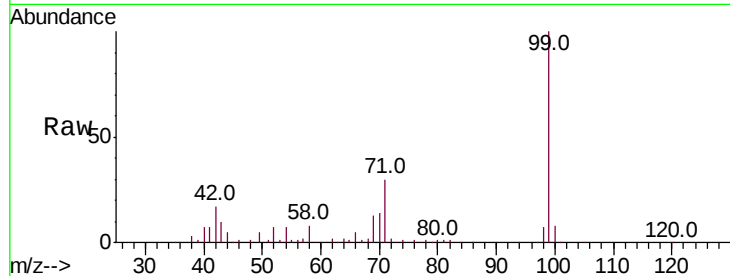
Tot Ion: 99 Resp: 149676

Ion Ratio Lower Upper

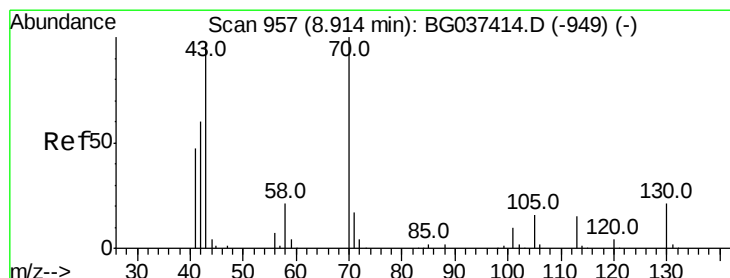
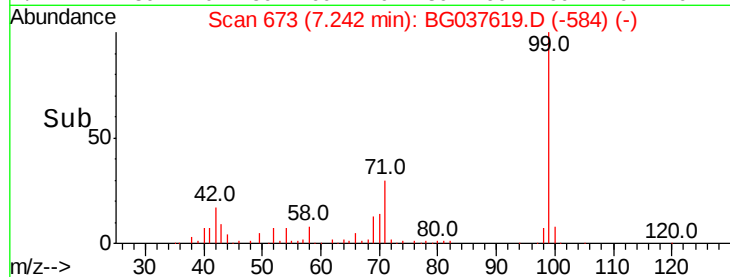
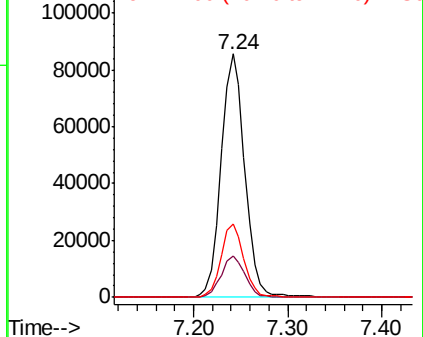
99 100

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

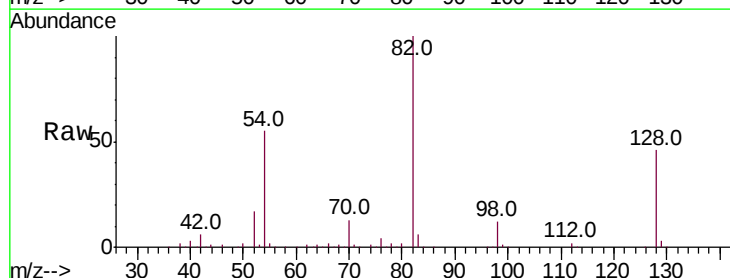
Ion Ratio Lower Upper

70 100

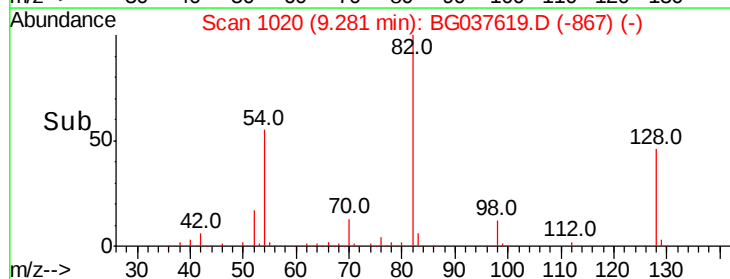
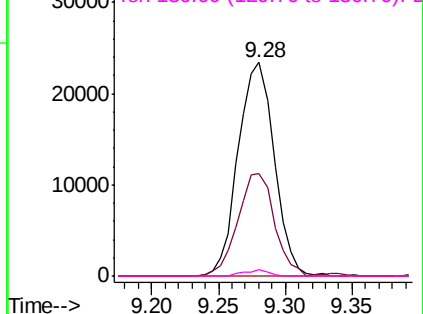
42 47.7 53.9 80.9#

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

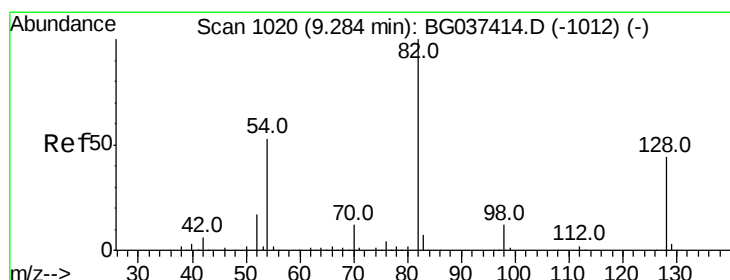
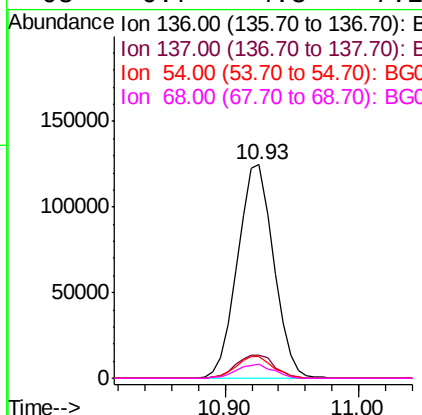
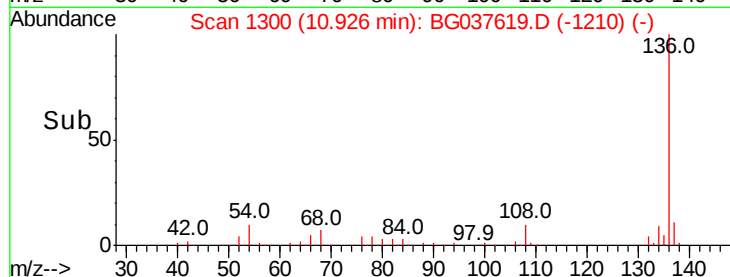
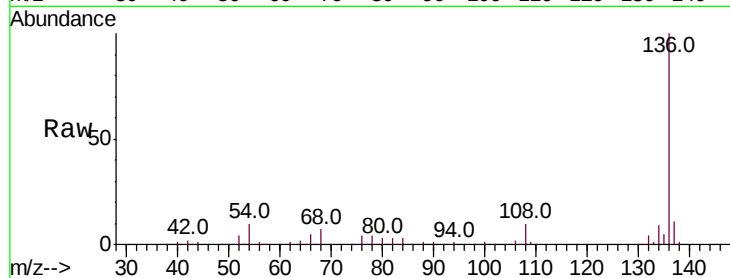




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037619.D
Acq: 29 Oct 2018 12:35

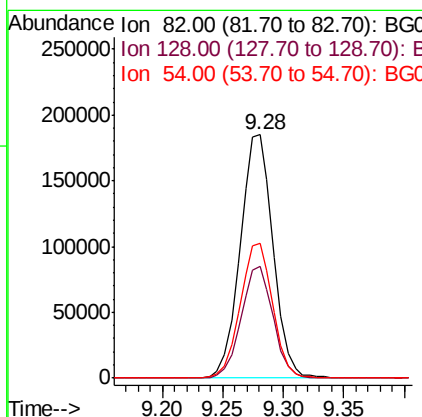
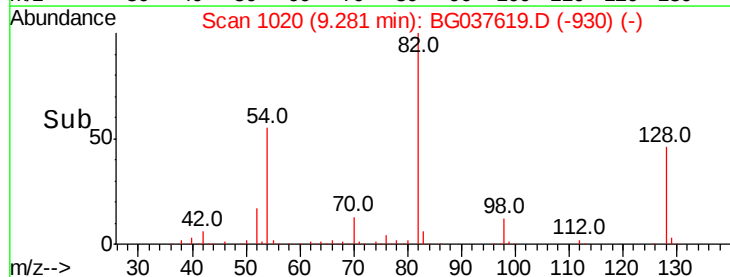
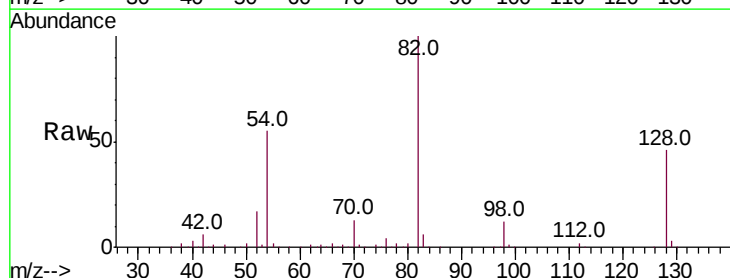
Instrument :
BNA_G
ClientSampleId :

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



#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





#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

ClientSampleId :

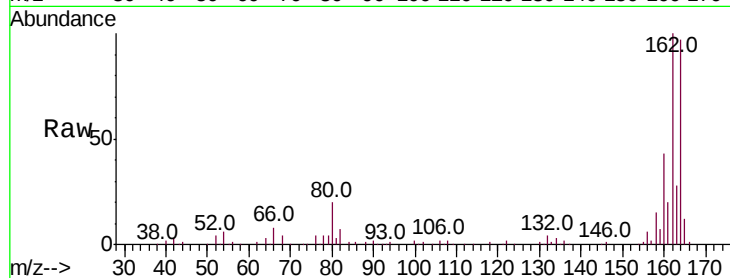
Tot Ion:164 Resp: 161176

Ion Ratio Lower Upper

164 100

162 103.3 81.3 121.9

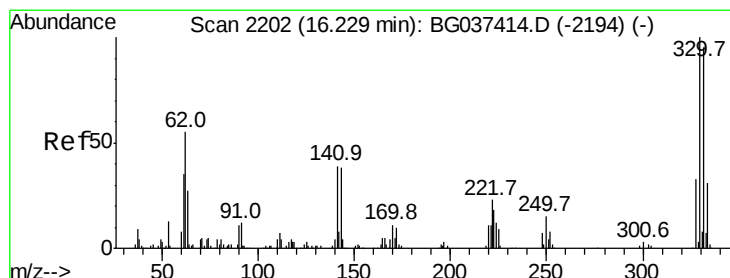
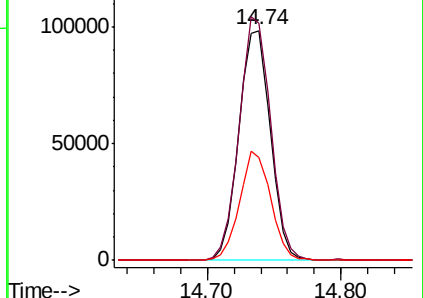
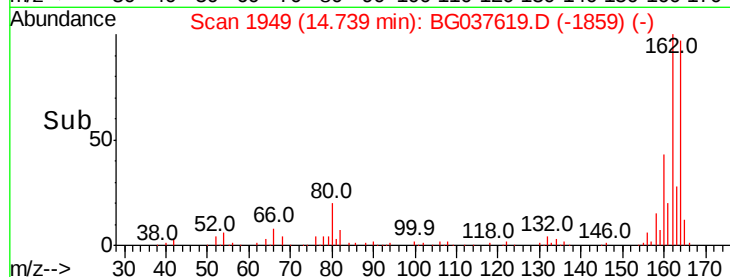
160 44.9 36.3 54.5



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

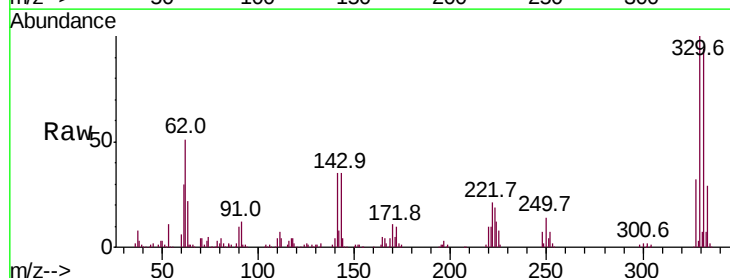
Tgt Ion:330 Resp: 215479

Ion Ratio Lower Upper

330 100

332 94.6 78.4 117.6

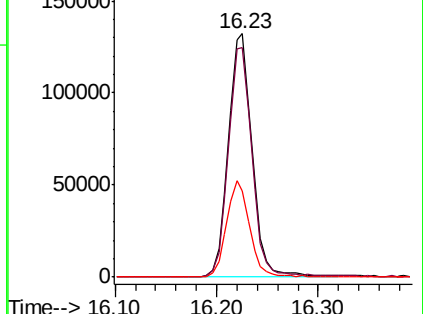
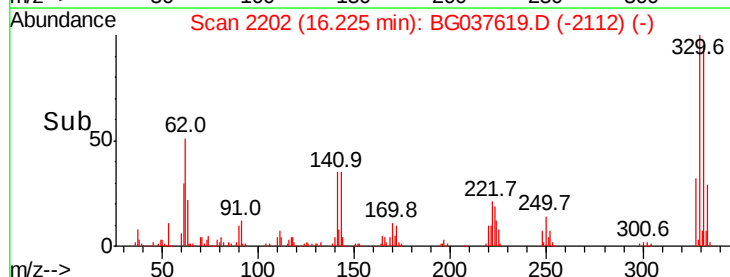
141 38.4 32.2 48.2



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

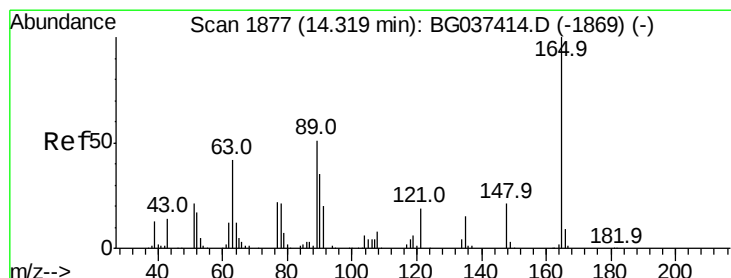
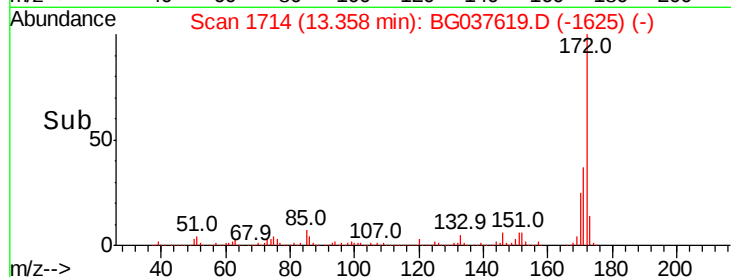
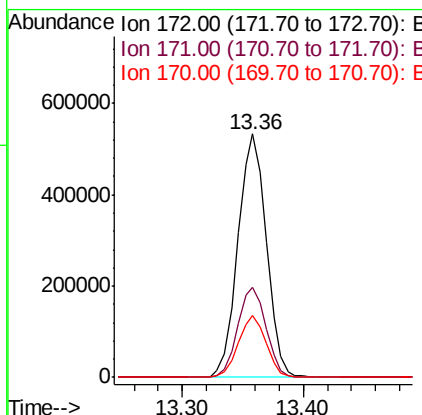
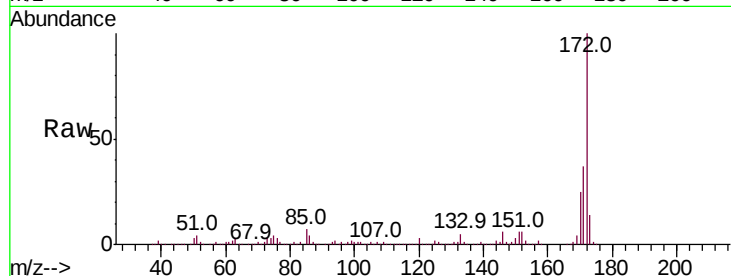




#45
2-Fluorobiphenyl
Concen: 81.974 ng
RT: 13.36 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG037619.D
Acq: 29 Oct 2018 12:35

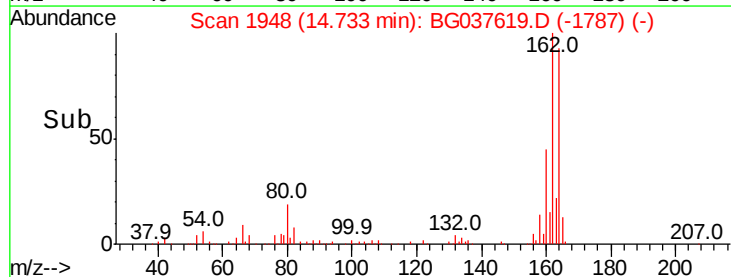
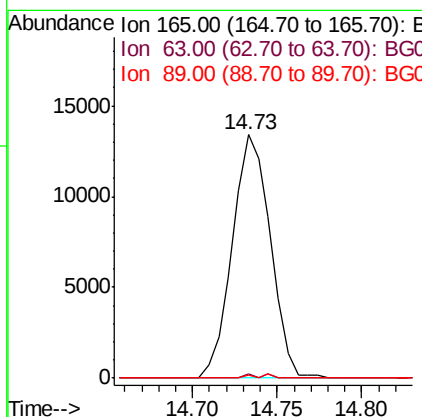
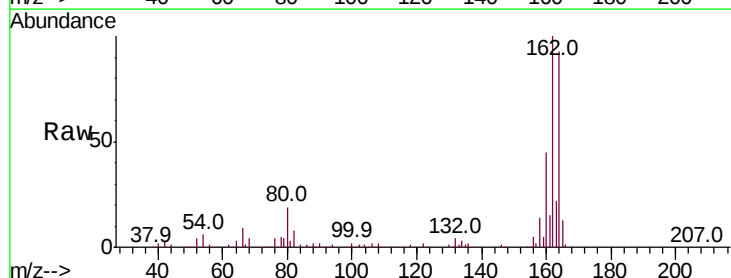
Instrument :
BNA_G
ClientSampleId :

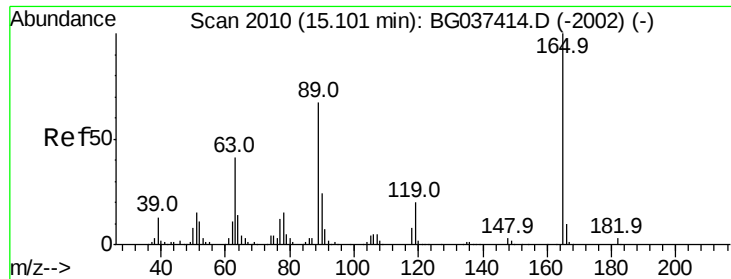
Tot Ion:172 Resp: 876174
Ion Ratio Lower Upper
172 100
171 37.1 31.0 46.4
170 25.3 20.2 30.2



#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#

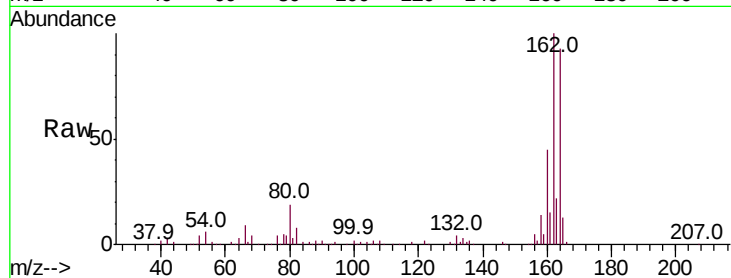




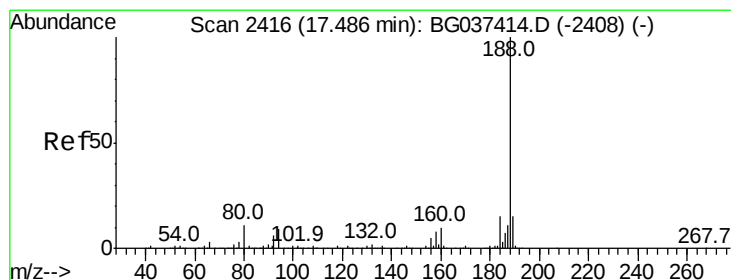
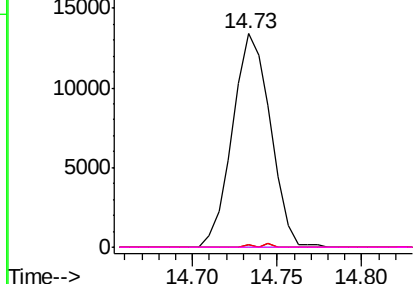
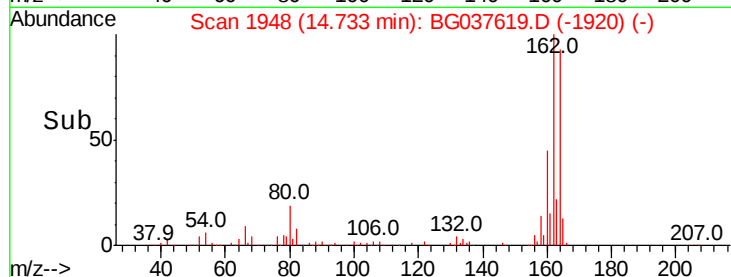
#57
 2,4-Dinitrotoluene
 Concen: 5.788 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.37 min
 Lab File: BG037619.D
 Acq: 29 Oct 2018 12:35

Instrument :
 BNA_G
 ClientSampleId :

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#

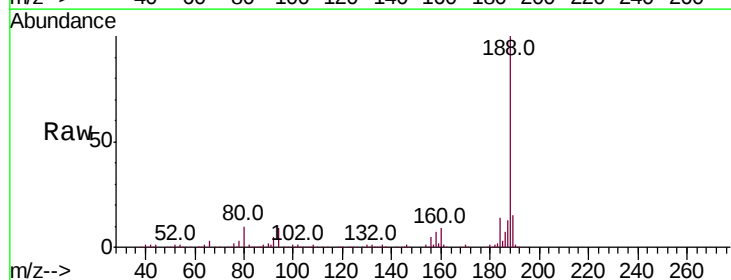


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

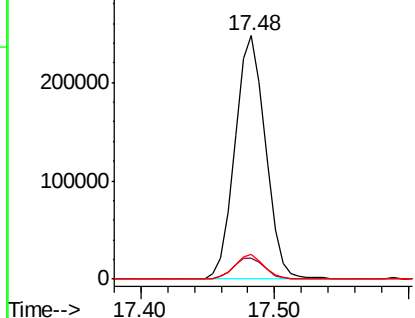
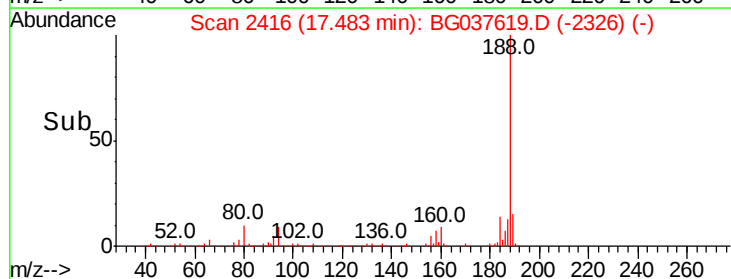


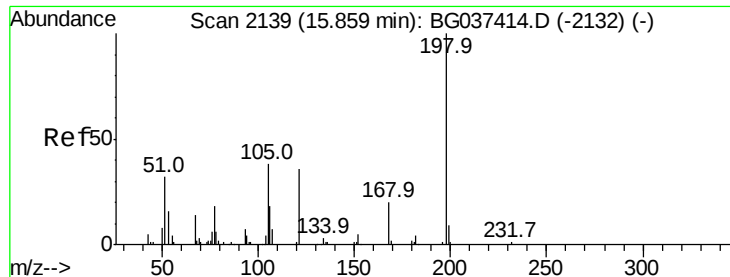
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2416
 Delta R.T. -0.00 min
 Lab File: BG037619.D
 Acq: 29 Oct 2018 12:35

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

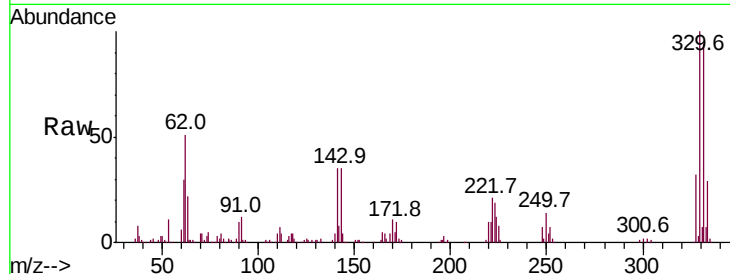




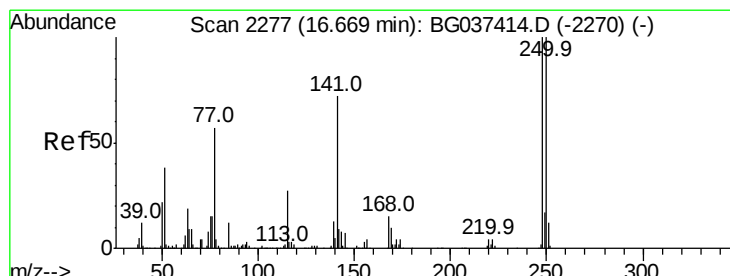
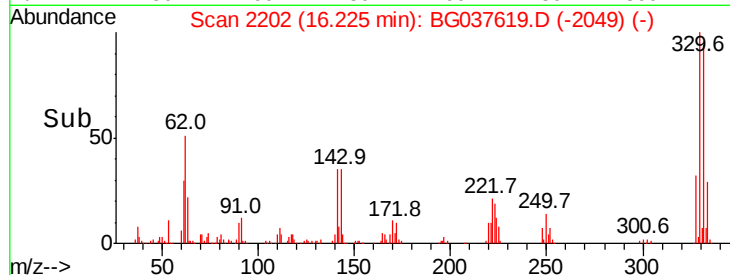
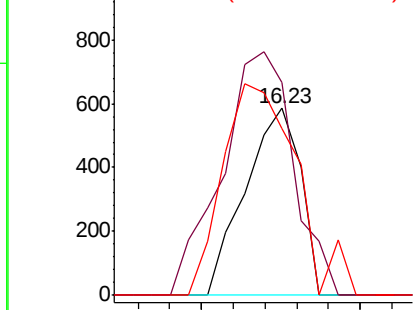
#65
4,6-Dinitro-2-methylphenol
Concen: 8.790 ng
RT: 16.23 min Scan# 2202
Delta R.T. 0.37 min
Lab File: BG037619.D
Acq: 29 Oct 2018 12:35

Instrument :
BNA_G
ClientSampleId :

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

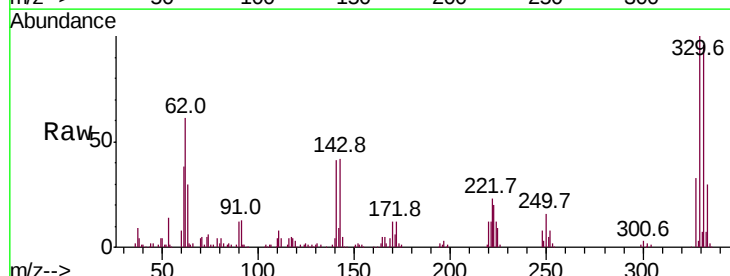


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

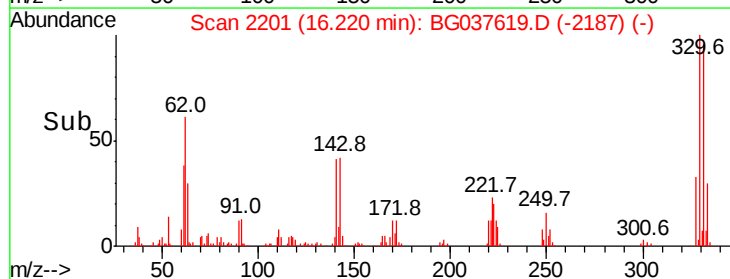
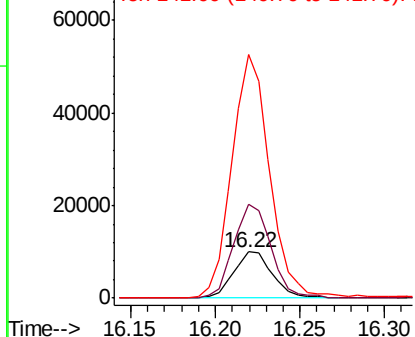


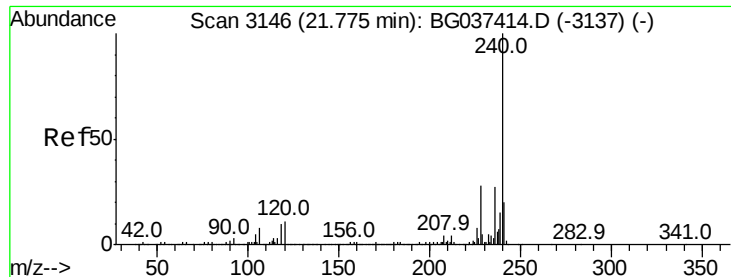
#67
4-Bromophenyl-phenylether
Concen: 3.750 ng
RT: 16.22 min Scan# 2201
Delta R.T. -0.45 min
Lab File: BG037619.D
Acq: 29 Oct 2018 12:35

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

ClientSampleId :

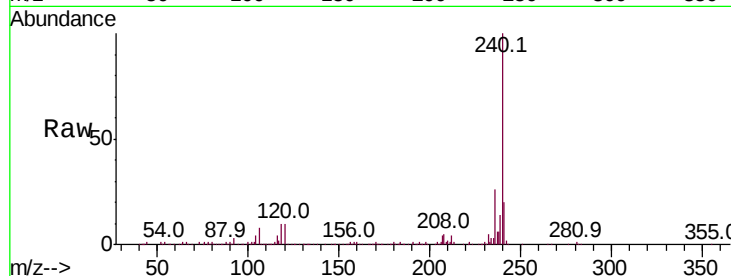
Tot Ion:240 Resp: 360399

Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.1	12.1
236	25.7	21.4	32.0

240 100

120 10.1 8.1 12.1

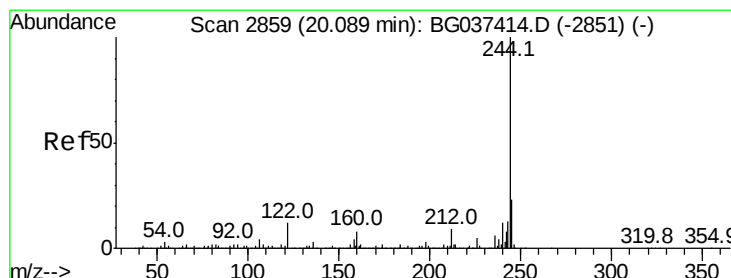
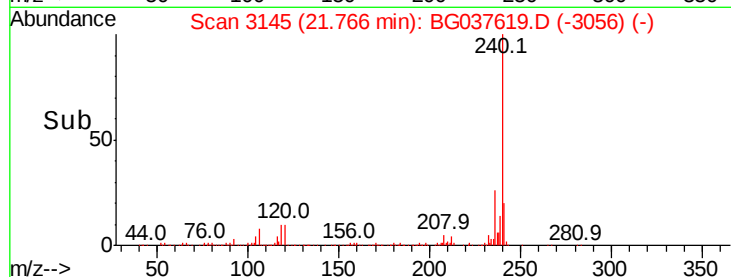
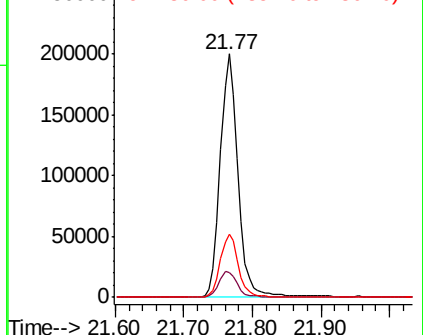
236 25.7 21.4 32.0



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

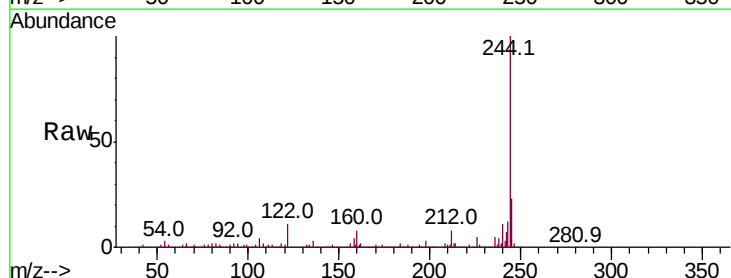
Tgt Ion:244 Resp: 1339976

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.5	9.7
122	11.3	9.0	13.4

244 100

212 8.0 6.5 9.7

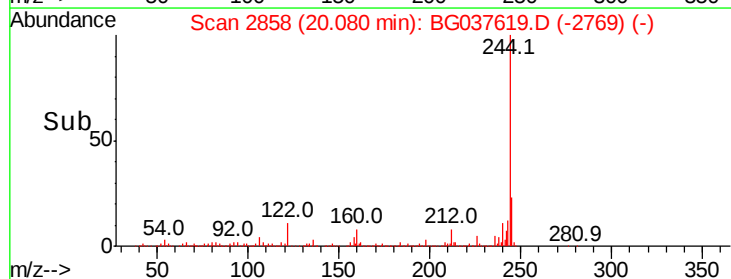
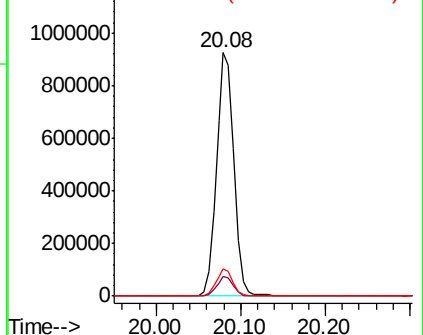
122 11.3 9.0 13.4

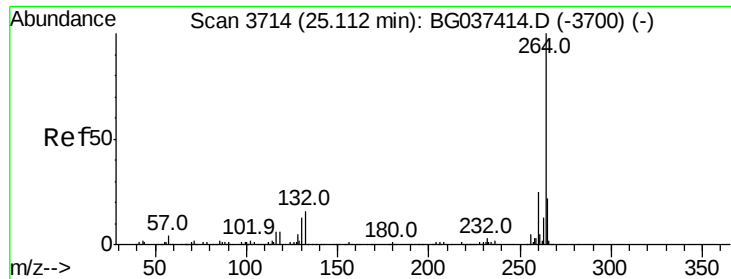


Abundance Ion 244.00 (243.70 to 244.70): E

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 :

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

