

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103118\
 Data File : BG037684.D
 Acq On : 31 Oct 2018 15:00
 Operator : JU/SJ
 Sample : PB114332BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 31 18:03:14 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

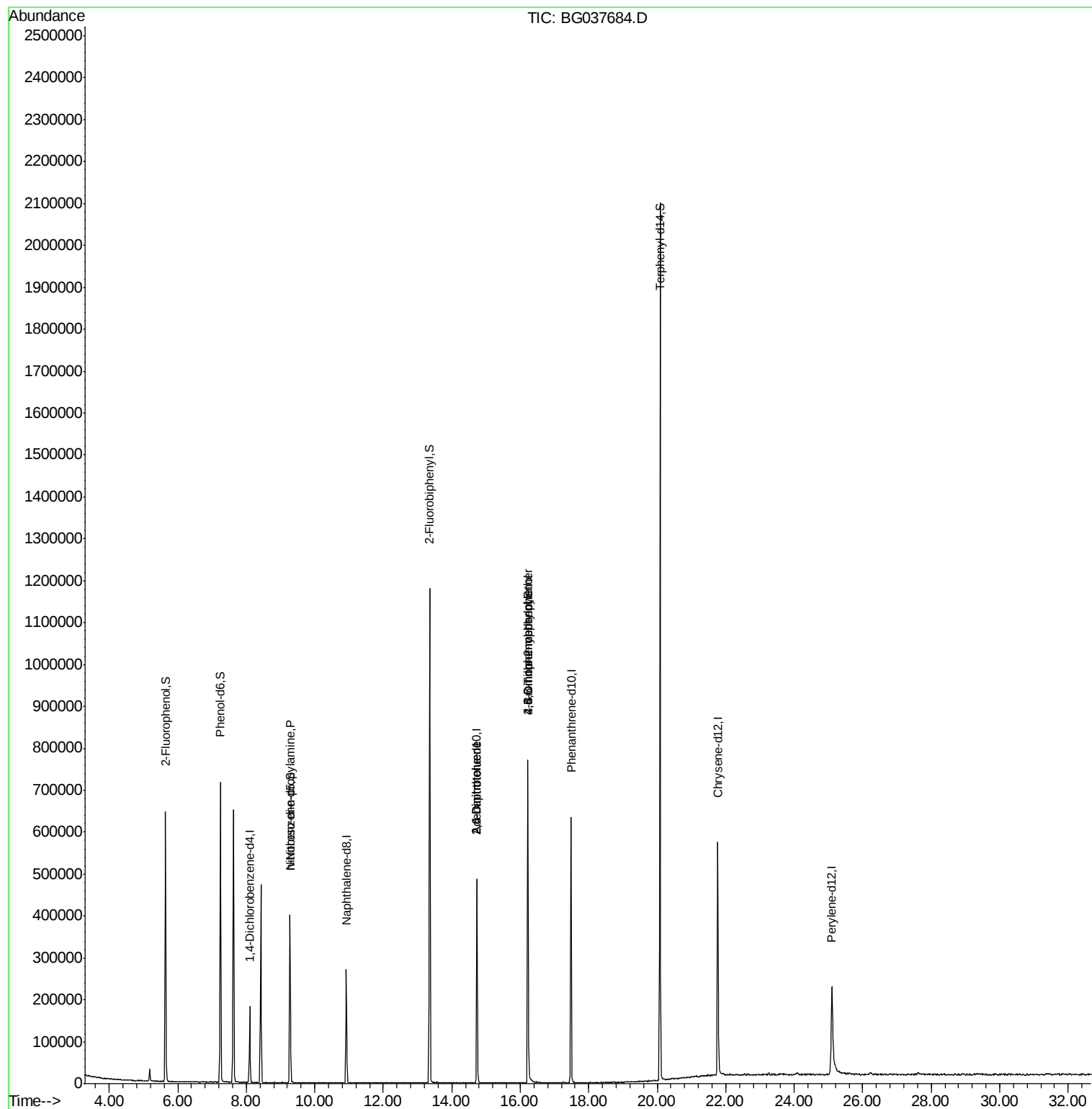
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	54462	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	242238	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	172770	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	411526	20.00	ng	0.00
76) Chrysene-d12	21.77	240	379126	20.00	ng	0.00
87) Perylene-d12	25.10	264	320504	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	306719	94.16	ng	0.00
7) Phenol-d6	7.24	99	456130	92.60	ng	0.00
23) Nitrobenzene-d5	9.27	82	254992	58.97	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	152668	81.02	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	671956	58.65	ng	0.00
79) Terphenyl-d14	20.08	244	1025842	57.82	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.27	70	32563	9.600	ng	# 72
51) 2,6-Dinitrotoluene	14.73	165	21960	7.427	ng	# 26
57) 2,4-Dinitrotoluene	14.73	165	21960	5.658	ng	# 26
65) 4,6-Dinitro-2-methylphenol	16.21	198	264	8.608	ng	88
67) 4-Bromophenyl-phenylether	16.22	248	10673	2.362	ng	# 1

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

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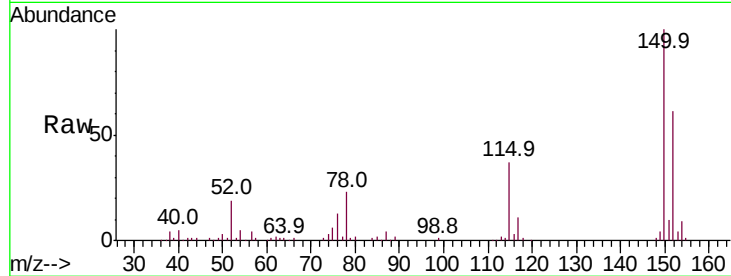


#1

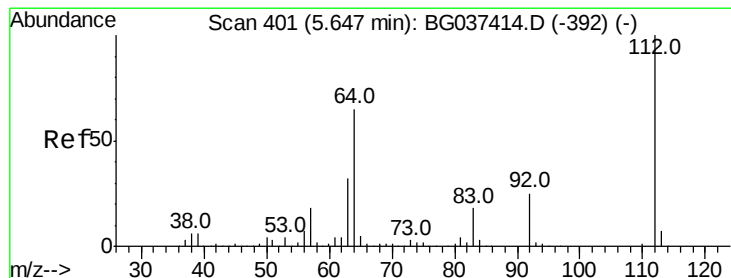
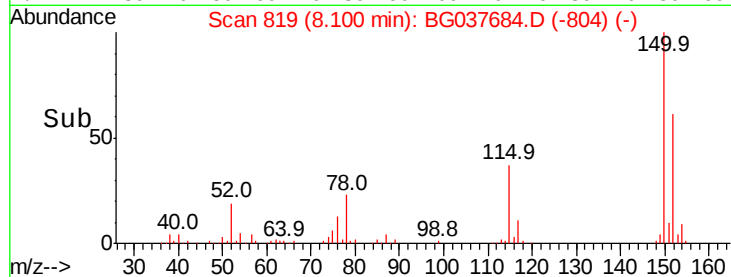
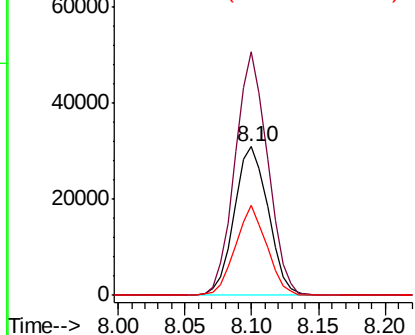
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037684.D
Acq: 31 Oct 2018 15:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 54462
Ion Ratio Lower Upper
152 100
150 164.0 126.0 189.0
115 60.9 45.5 68.3



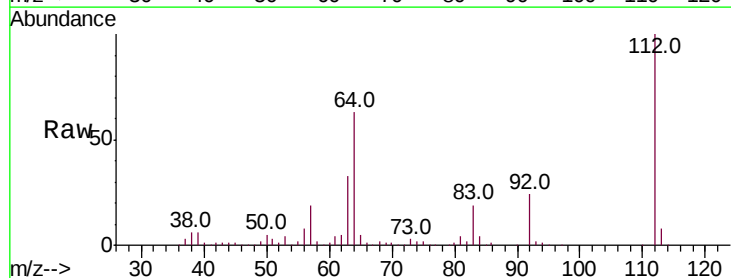
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



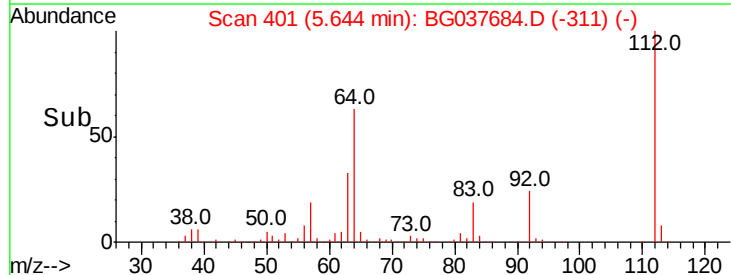
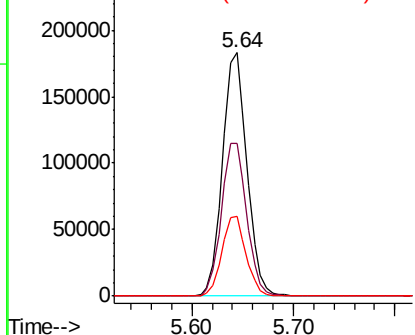
#5

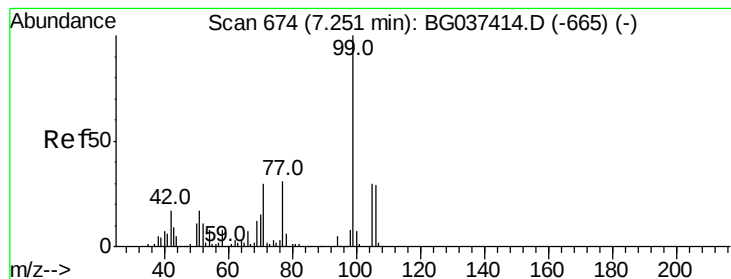
2-Fluorophenol
Concen: 94.155 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037684.D
Acq: 31 Oct 2018 15:00

Tgt Ion:112 Resp: 306719
Ion Ratio Lower Upper
112 100
64 62.8 53.1 79.7
63 32.6 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: 92.599 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037684.D

Acq: 31 Oct 2018 15:00

Instrument :

BNA_G

ClientSampleId :

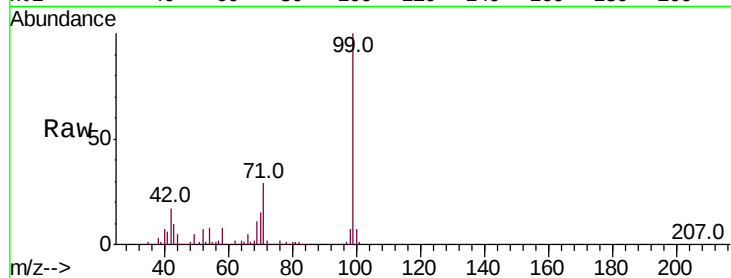
Tot Ion: 99 Resp: 456130

Ion Ratio Lower Upper

99 100

42 17.2 15.0 22.4

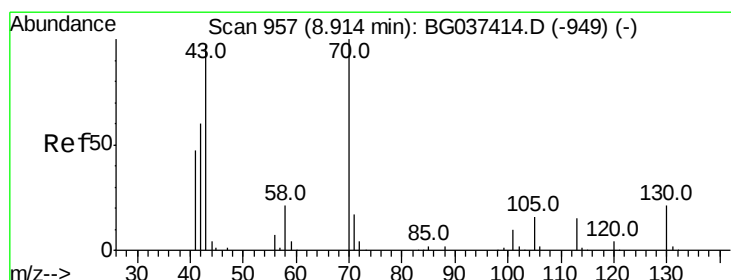
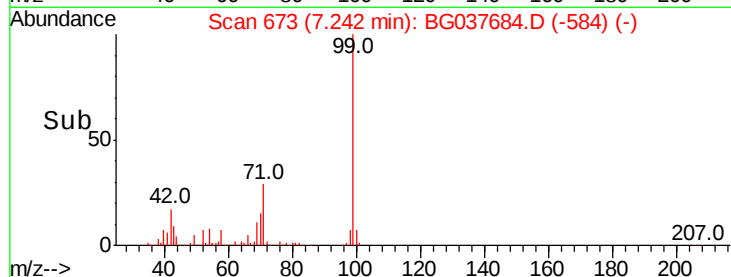
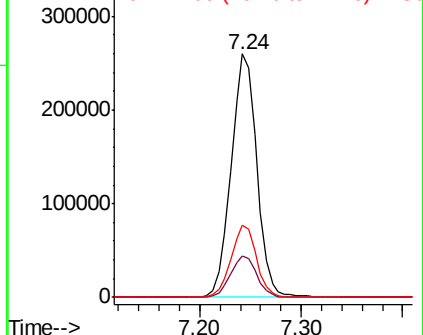
71 29.5 25.5 38.3



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: 9.600 ng

RT: 9.27 min Scan# 1019

Delta R.T. 0.36 min

Lab File: BG037684.D

Acq: 31 Oct 2018 15:00

Tgt Ion: 70 Resp: 32563

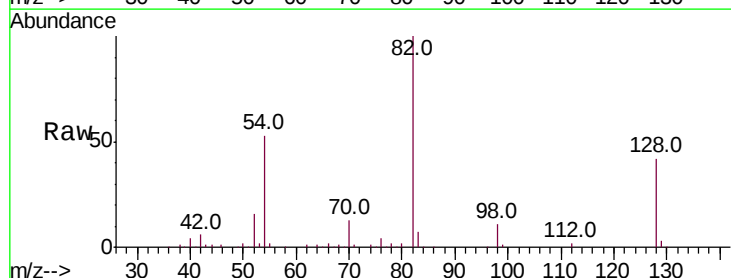
Ion Ratio Lower Upper

70 100

42 49.2 53.9 80.9#

101 0.0 8.2 12.2#

130 2.3 18.2 27.4#

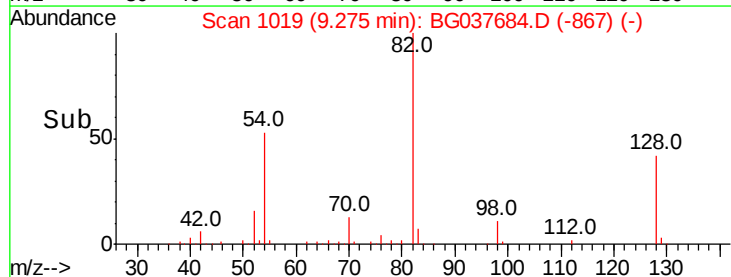
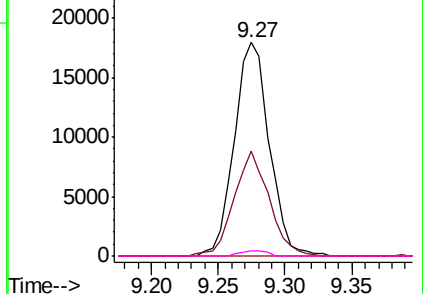


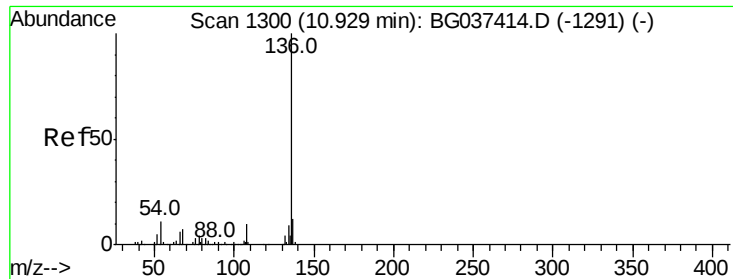
Abundance Ion 70.00 (69.70 to 70.70): BGC

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

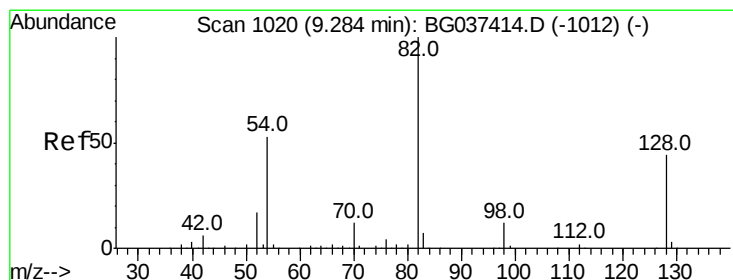
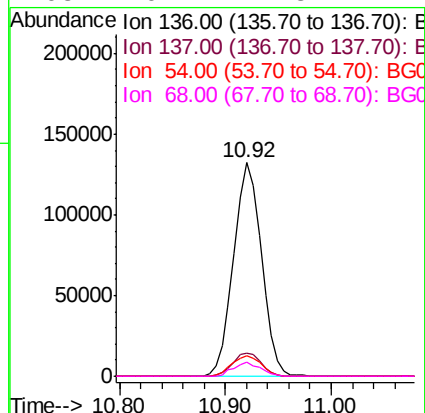
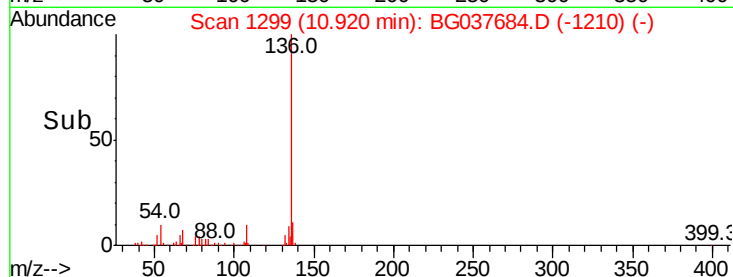
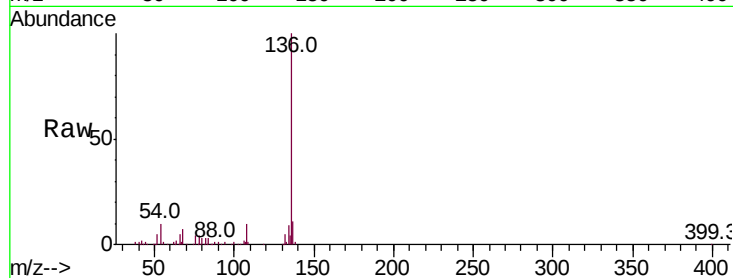




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037684.D
Acq: 31 Oct 2018 15:00

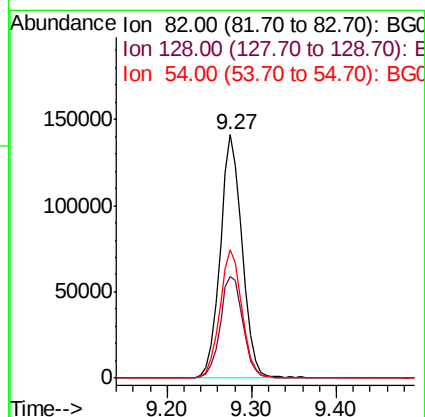
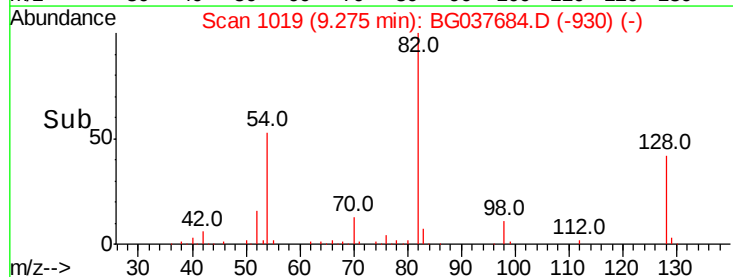
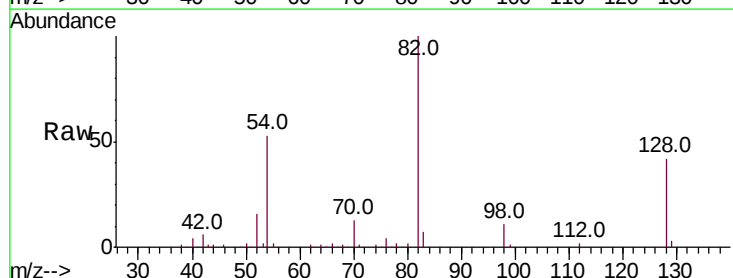
Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	242238
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.6	14.4
54	9.8	7.9	11.9
68	6.7	4.8	7.2



#23
Nitrobenzene-d5
Concen: 58.968 ng
RT: 9.27 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037684.D
Acq: 31 Oct 2018 15:00

Tgt Ion:	82	Resp:	254992
Ion	Ratio	Lower	Upper
82	100		
128	41.9	34.6	51.8
54	53.0	45.3	67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG037684.D

Acq: 31 Oct 2018 15:00

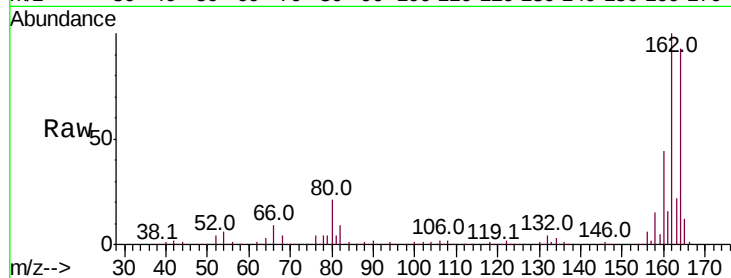
Instrument :

BNA_G

ClientSampleId :

Tot Ion:164 Resp: 172770

Ion	Ratio	Lower	Upper
164	100		
162	107.2	81.3	121.9
160	47.6	36.3	54.5

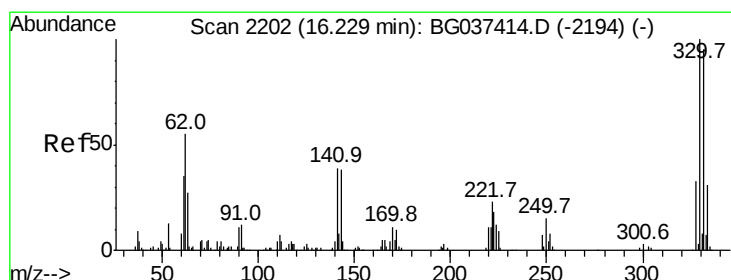
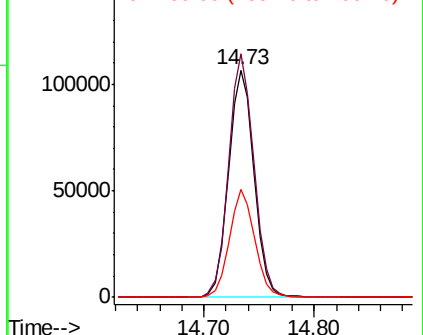
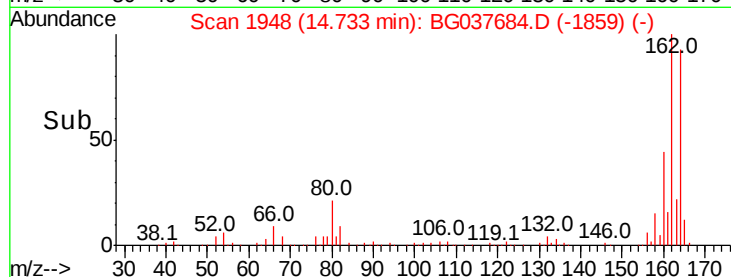


Abundance

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: 81.017 ng

RT: 16.22 min Scan# 2201

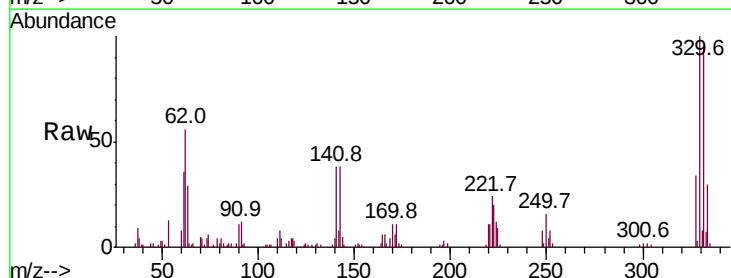
Delta R.T. -0.01 min

Lab File: BG037684.D

Acq: 31 Oct 2018 15:00

Tgt Ion:330 Resp: 152668

Ion	Ratio	Lower	Upper
330	100		
332	95.2	78.4	117.6
141	37.2	32.2	48.2

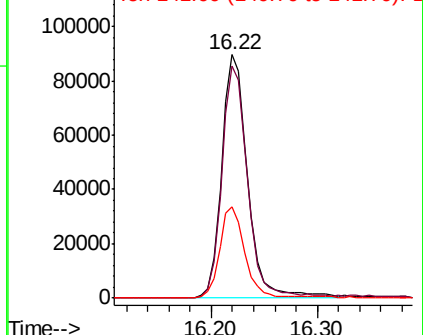
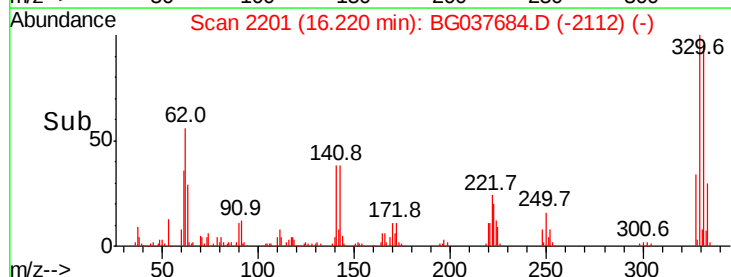


Abundance

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

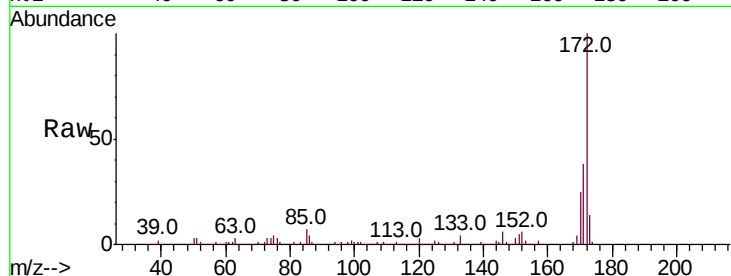




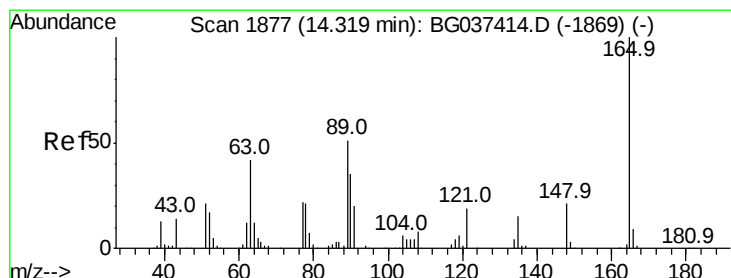
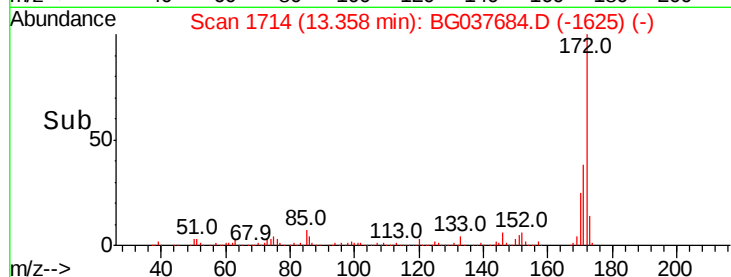
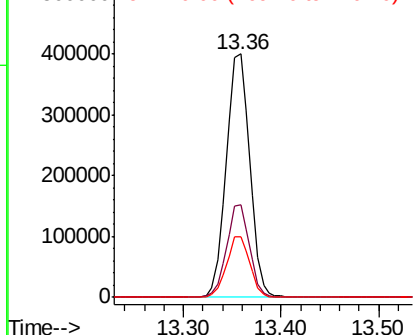
#45
2-Fluorobiphenyl
Concen: 58.649 ng
RT: 13.36 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG037684.D
Acq: 31 Oct 2018 15:00

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.1	31.0	46.4
170	24.8	20.2	30.2

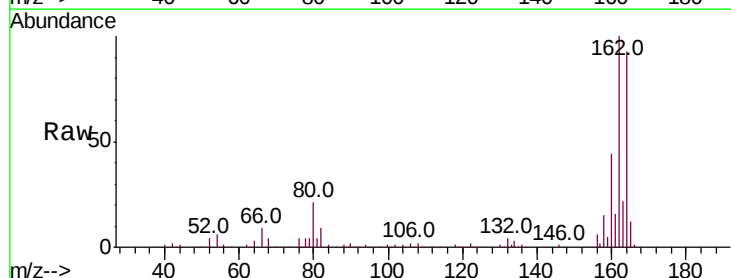


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

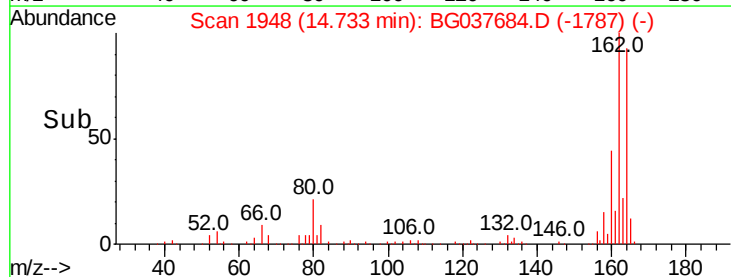
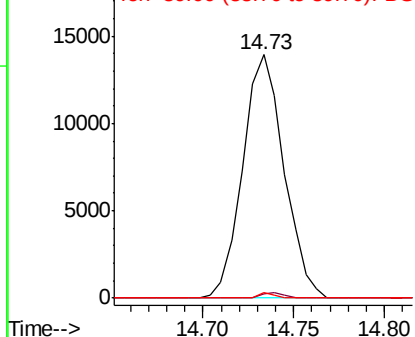


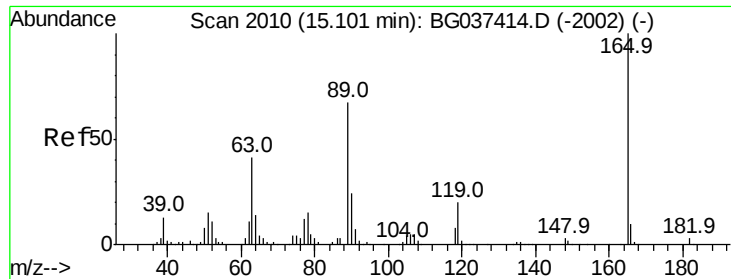
#51
2,6-Dinitrotoluene
Concen: 7.427 ng
RT: 14.73 min Scan# 1948
Delta R.T. 0.41 min
Lab File: BG037684.D
Acq: 31 Oct 2018 15:00

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	43.4	65.2#
89	2.0	45.8	68.6#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG

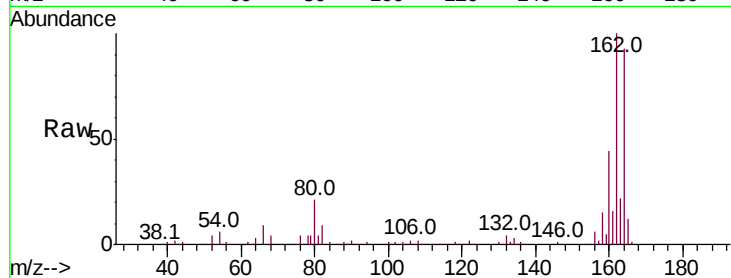




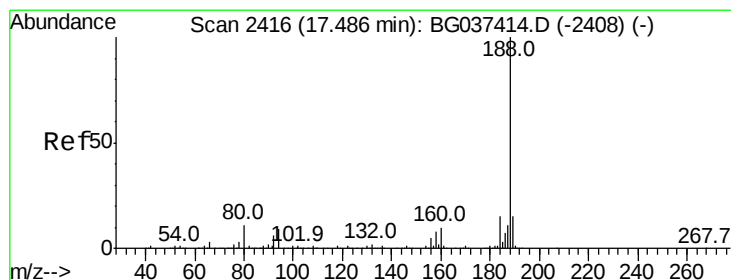
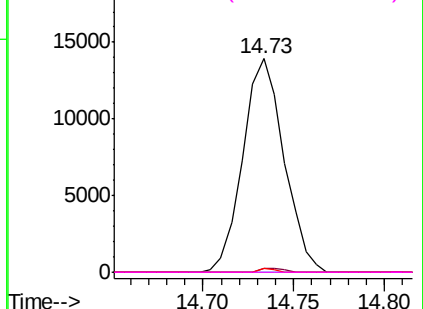
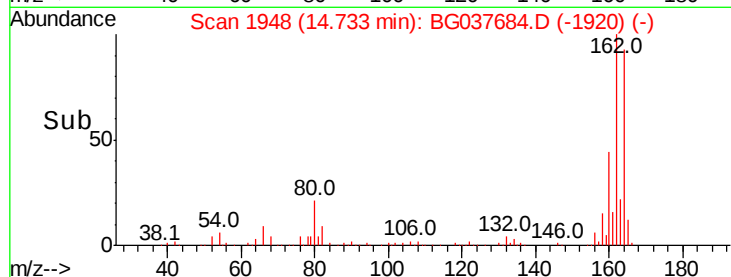
#57
 2,4-Dinitrotoluene
 Concen: 5.658 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.37 min
 Lab File: BG037684.D
 Acq: 31 Oct 2018 15:00

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 21960
 Ion Ratio Lower Upper
 165 100
 63 1.6 33.4 50.0#
 89 2.0 57.2 85.8#
 182 0.0 2.6 4.0#

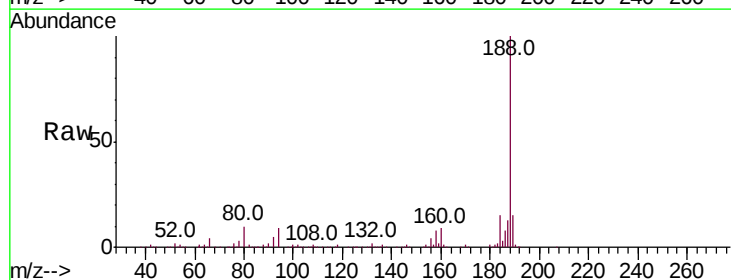


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

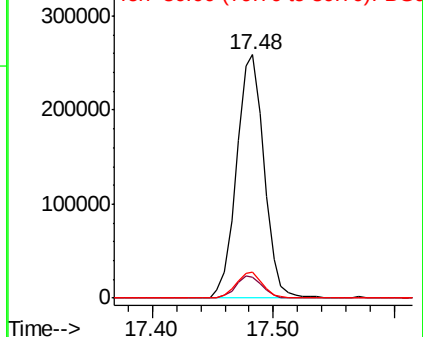
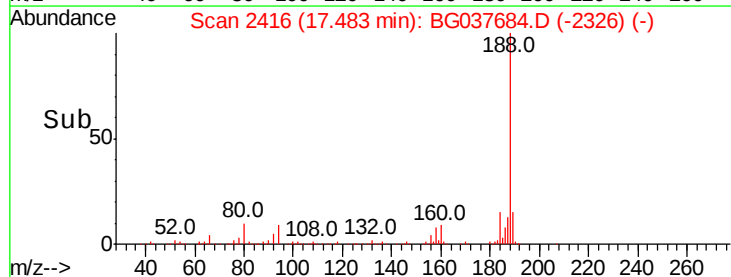


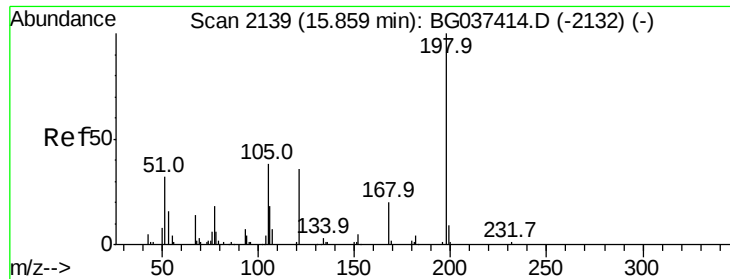
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2416
 Delta R.T. -0.00 min
 Lab File: BG037684.D
 Acq: 31 Oct 2018 15:00

Tgt Ion:188 Resp: 411526
 Ion Ratio Lower Upper
 188 100
 94 8.8 7.2 10.8
 80 10.5 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

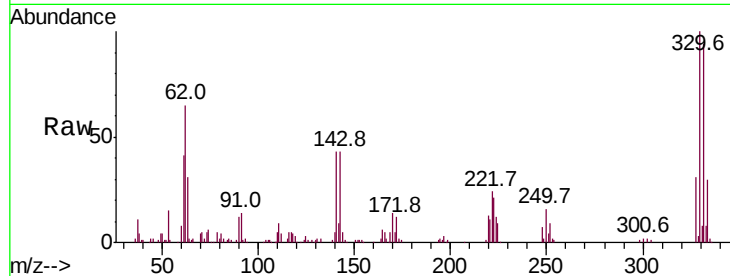




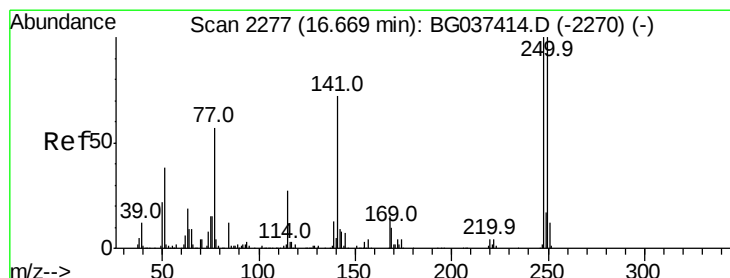
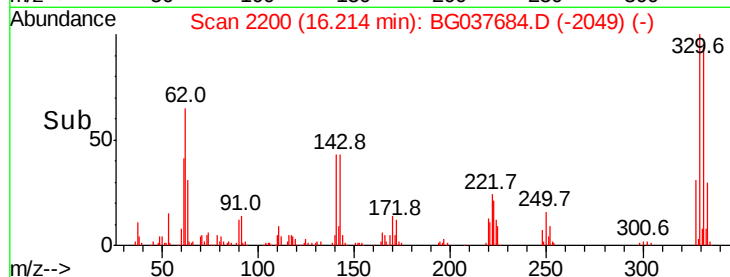
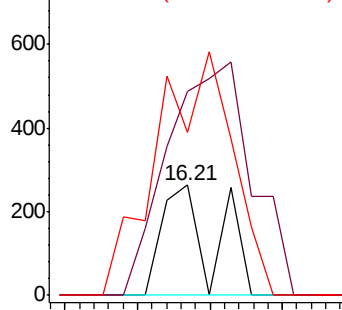
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.608 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. 0.36 min
 Lab File: BG037684.D
 Acq: 31 Oct 2018 15:00

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:198 Resp: 264
 Ion Ratio Lower Upper
 198 100
 51 37.1 22.7 62.7
 105 29.8 19.7 59.7

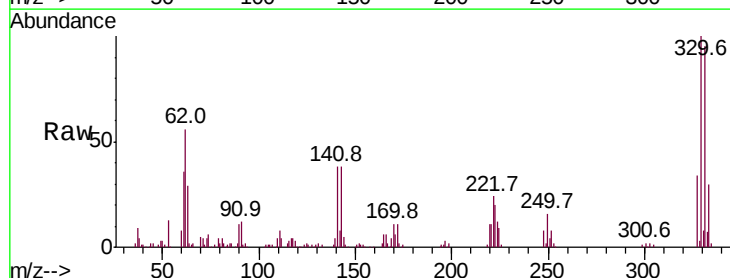


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

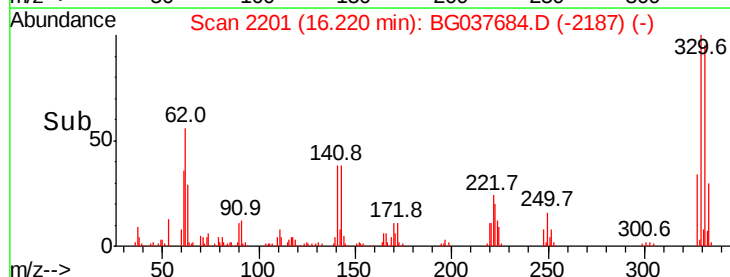
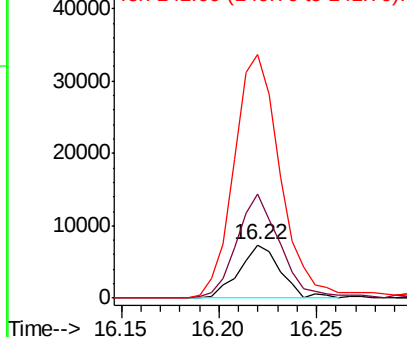


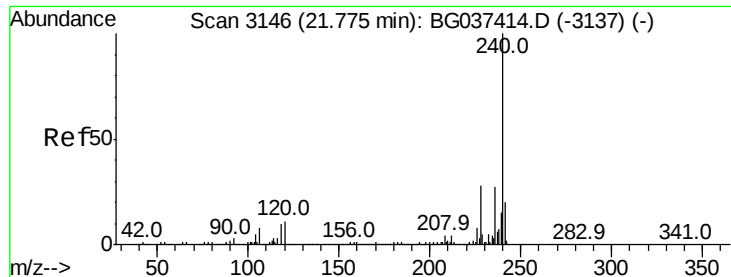
#67
 4-Bromophenyl-phenylether
 Concen: 2.362 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.45 min
 Lab File: BG037684.D
 Acq: 31 Oct 2018 15:00

Tgt Ion:248 Resp: 10673
 Ion Ratio Lower Upper
 248 100
 250 199.1 77.0 115.6#
 141 370.7 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

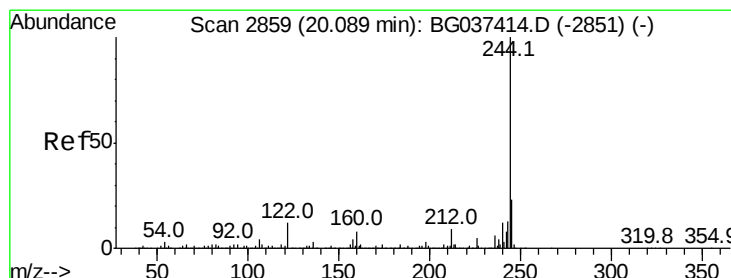
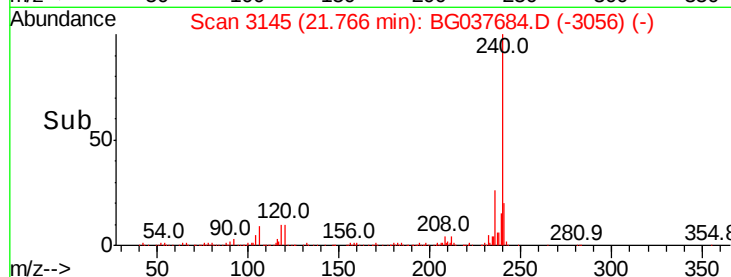
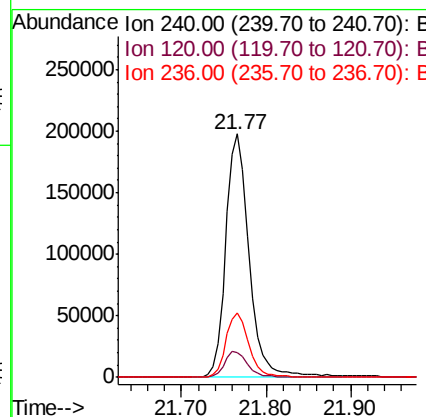
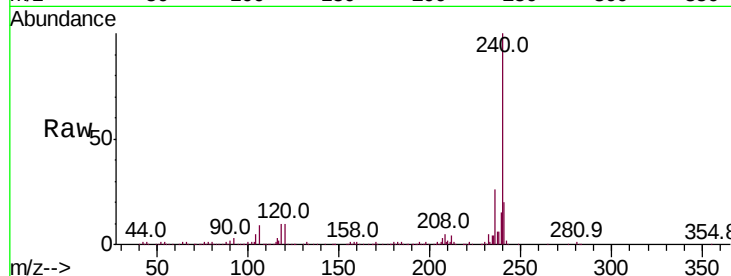




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.77 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG037684.D
 Acq: 31 Oct 2018 15:00

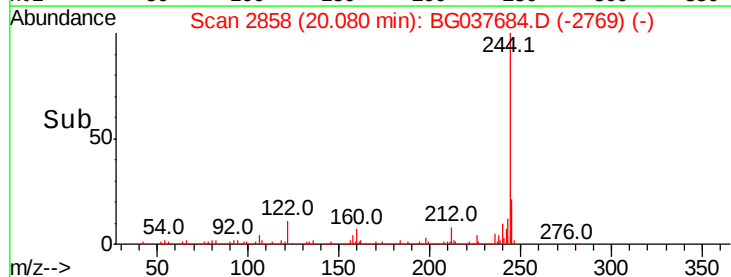
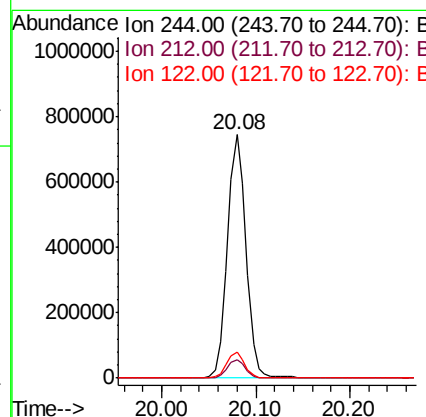
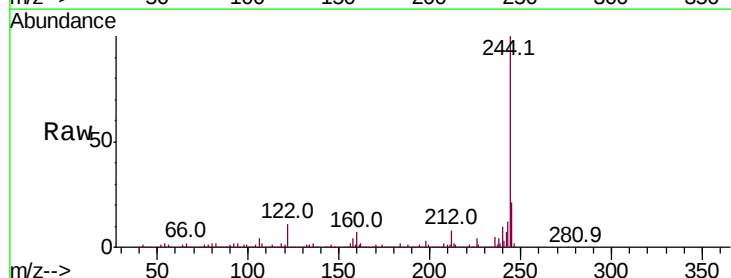
Instrument :
 BNA_G
 ClientSampleId :

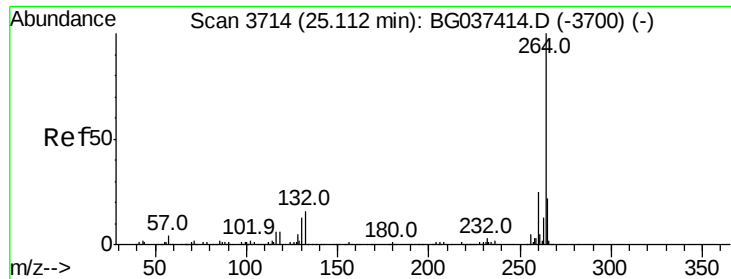
Tot Ion:240 Resp: 379126
 Ion Ratio Lower Upper
 240 100
 120 10.1 8.1 12.1
 236 26.5 21.4 32.0



#79
 Terphenyl-d14
 Concen: 57.817 ng
 RT: 20.08 min Scan# 2858
 Delta R.T. -0.01 min
 Lab File: BG037684.D
 Acq: 31 Oct 2018 15:00

Tgt Ion:244 Resp: 1025842
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.5 9.7
 122 10.6 9.0 13.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3713
Delta R.T. -0.01 min
Lab File: BG037684.D
Acq: 31 Oct 2018 15:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.2	27.4
265	21.6	17.9	26.9

