

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102318\
 Data File : BG037506.D
 Acq On : 24 Oct 2018 11:35
 Operator : JU/SJ
 Sample : PB114112BL
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 24 13:39:53 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

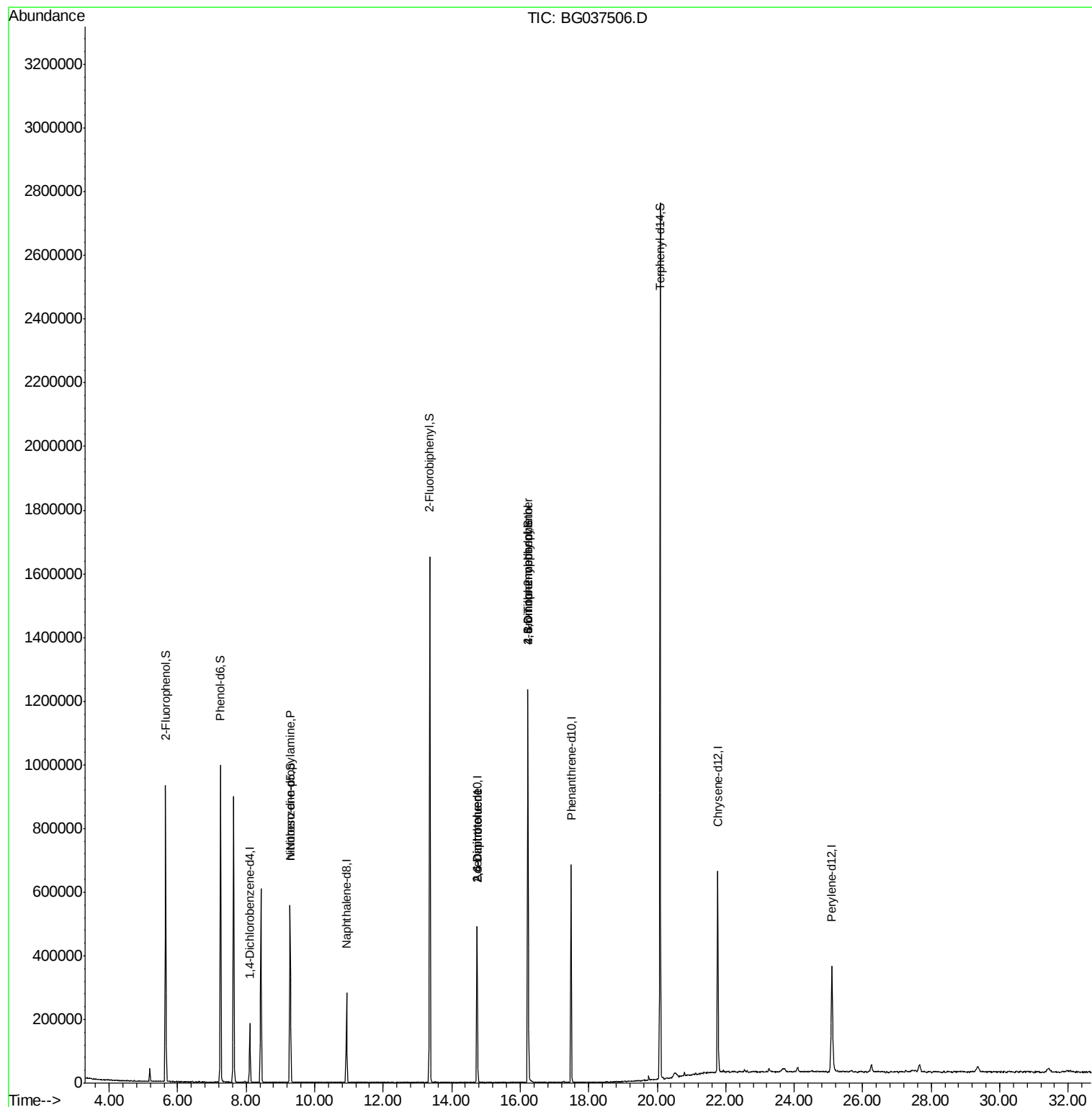
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	57164	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	249995	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	177177	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	435987	20.00	ng	0.00
76) Chrysene-d12	21.77	240	400689	20.00	ng	0.00
87) Perylene-d12	25.10	264	388305	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	415703	121.58	ng	0.00
7) Phenol-d6	7.25	99	616834	119.30	ng	0.00
23) Nitrobenzene-d5	9.28	82	347326	77.83	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	231770	119.94	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	872863	74.29	ng	0.00
79) Terphenyl-d14	20.08	244	1341389	71.53	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.28	70	44393	12.469	ng	# 72
51) 2,6-Dinitrotoluene	14.73	165	22601	7.454	ng	# 25
57) 2,4-Dinitrotoluene	14.73	165	22601	5.678	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.22	198	979	8.860	ng	91
67) 4-Bromophenyl-phenylether	16.23	248	17625	3.681	ng	# 1

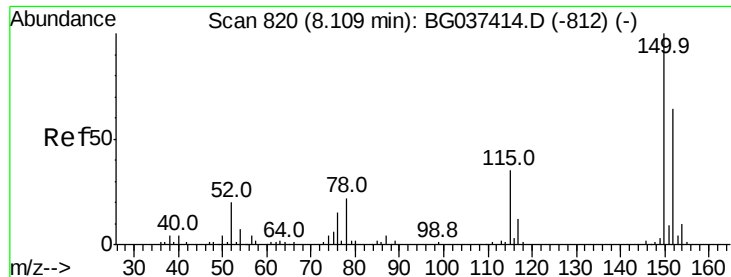
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102318\
Data File : BG037506.D
Acq On : 24 Oct 2018 11:35
Operator : JU/SJ
Sample : PB114112BL
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Oct 24 13:39:53 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



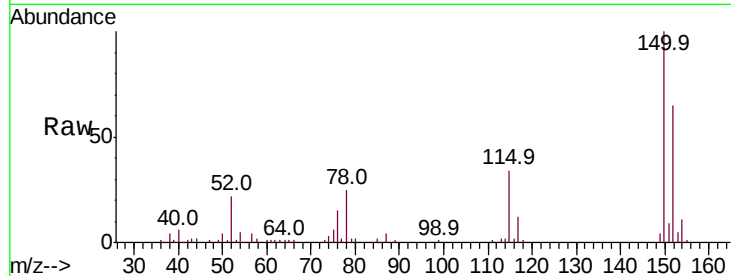


#1

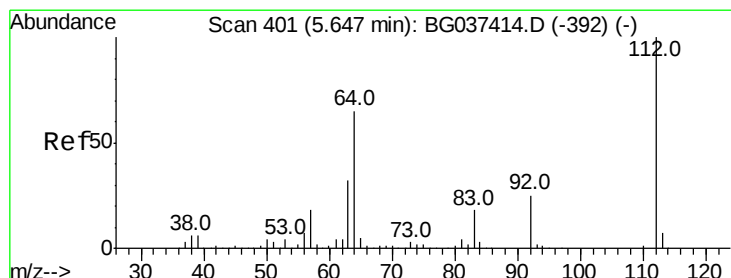
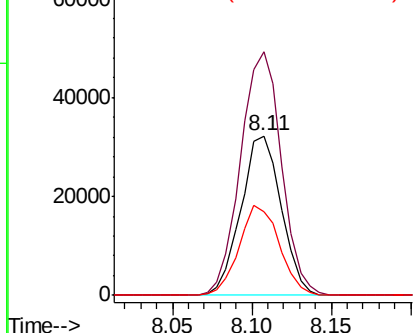
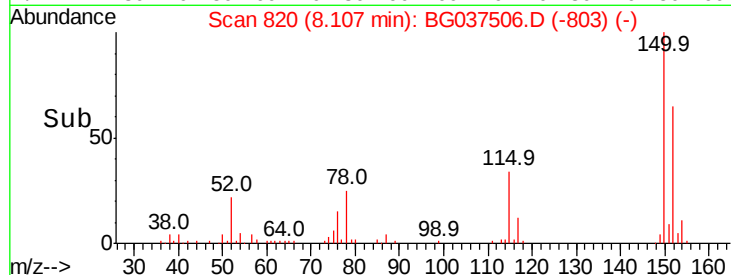
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.11 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BG037506.D
 Acq: 24 Oct 2018 11:35

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 57164
 Ion Ratio Lower Upper
 152 100
 150 152.8 126.0 189.0
 115 52.1 45.5 68.3



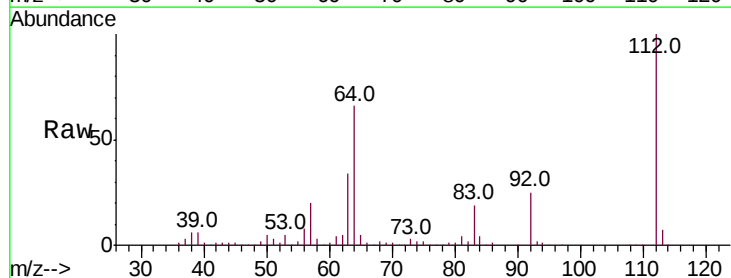
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



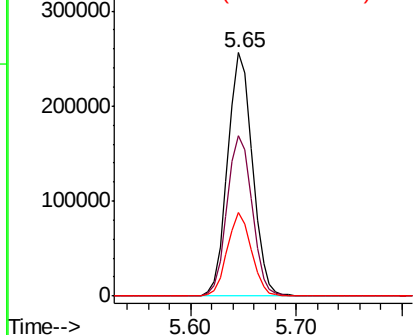
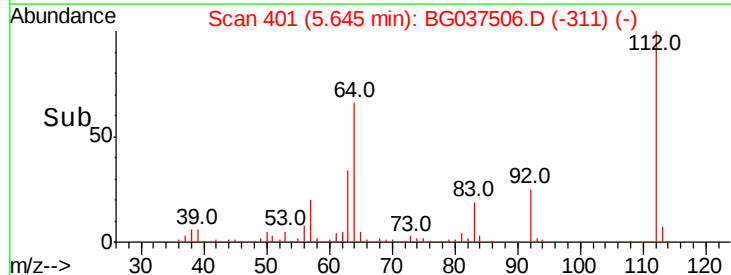
#5

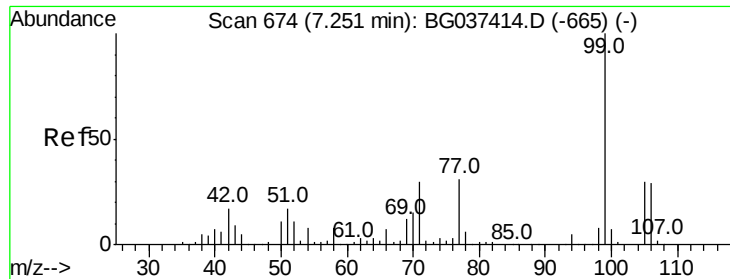
2-Fluorophenol
 Concen: 121.579 ng
 RT: 5.65 min Scan# 401
 Delta R.T. -0.00 min
 Lab File: BG037506.D
 Acq: 24 Oct 2018 11:35

Tgt Ion:112 Resp: 415703
 Ion Ratio Lower Upper
 112 100
 64 66.1 53.1 79.7
 63 34.2 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: 119.304 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037506.D

Acq: 24 Oct 2018 11:35

Instrument :

BNA_G

ClientSampleId :

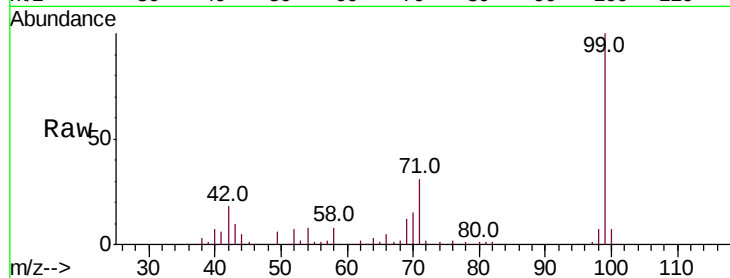
Tot Ion: 99 Resp: 616834

Ion Ratio Lower Upper

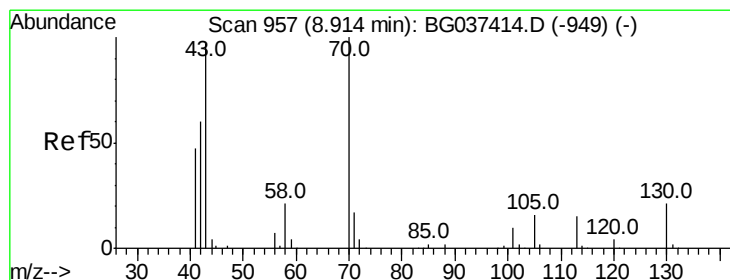
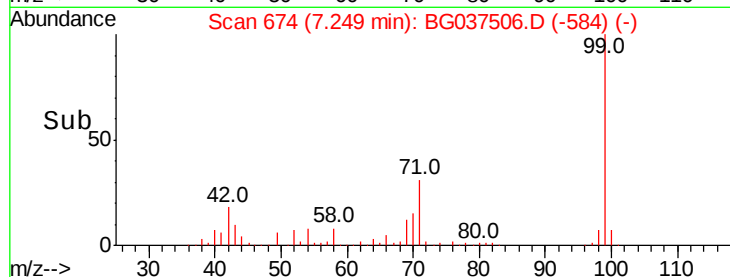
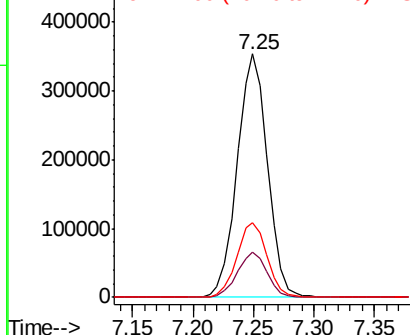
99 100

42 18.5 15.0 22.4

71 30.8 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: 12.469 ng

RT: 9.28 min Scan# 1020

Delta R.T. 0.37 min

Lab File: BG037506.D

Acq: 24 Oct 2018 11:35

Tgt Ion: 70 Resp: 44393

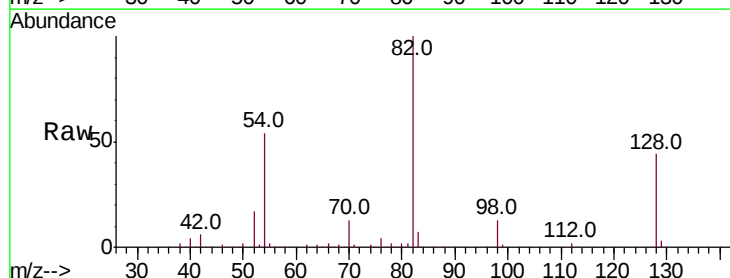
Ion Ratio Lower Upper

70 100

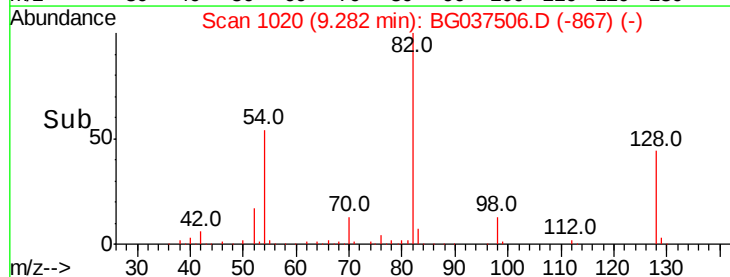
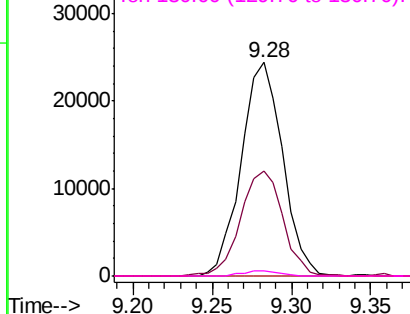
42 48.9 53.9 80.9#

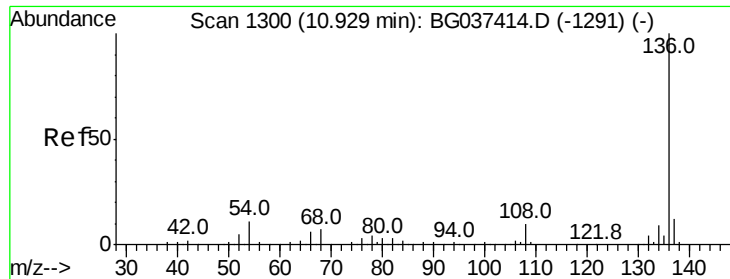
101 0.0 8.2 12.2#

130 2.5 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

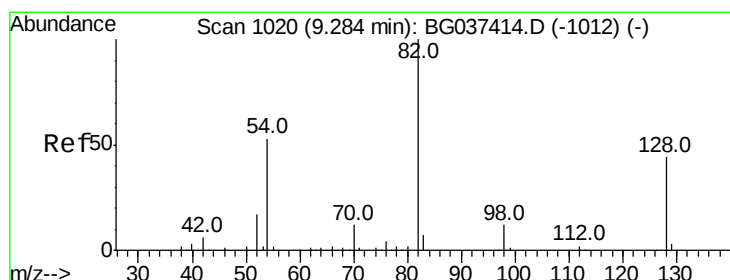
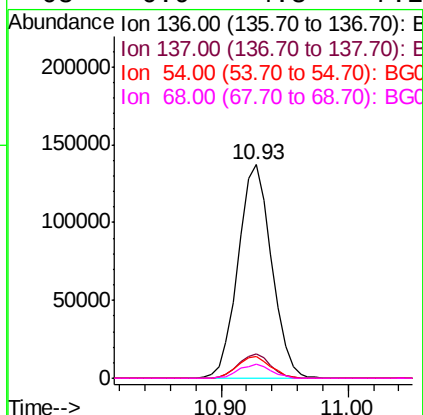
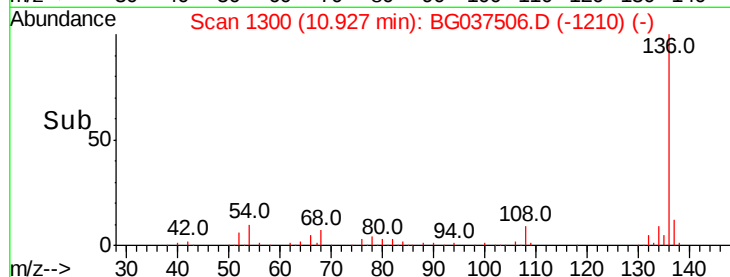
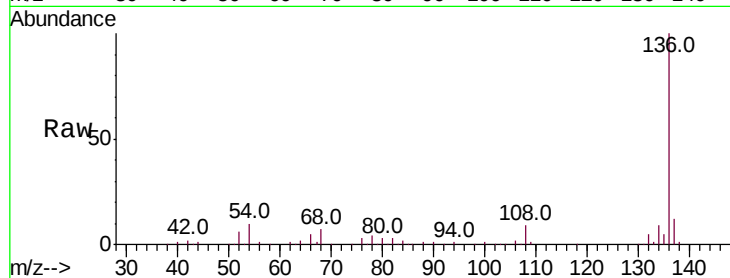




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037506.D
Acq: 24 Oct 2018 11:35

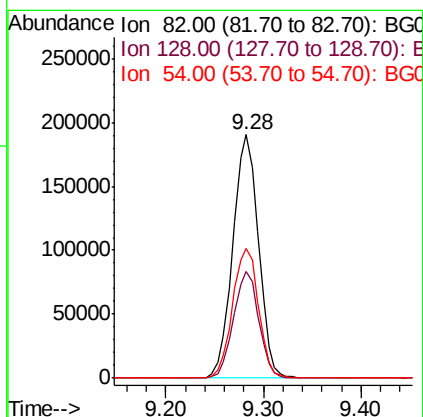
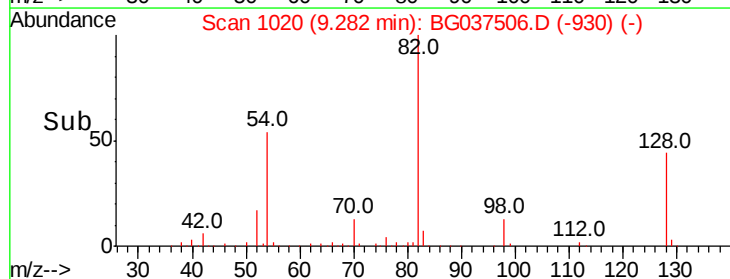
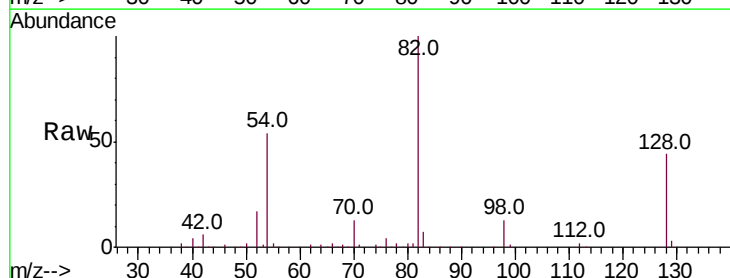
Instrument :
BNA_G
ClientSampleId :

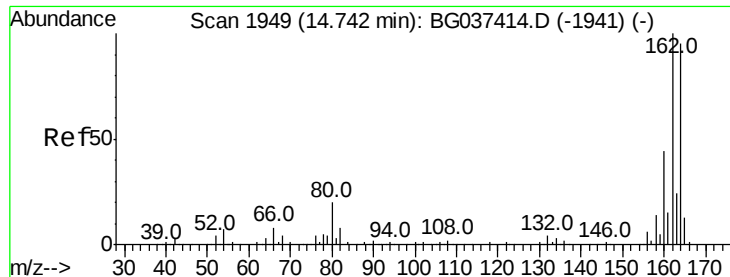
Tot Ion:	136	Resp:	249995
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.6	14.4
54	10.3	7.9	11.9
68	6.9	4.8	7.2



#23
Nitrobenzene-d5
Concen: 77.829 ng
RT: 9.28 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG037506.D
Acq: 24 Oct 2018 11:35

Tgt Ion:	82	Resp:	347326
Ion	Ratio	Lower	Upper
82	100		
128	43.8	34.6	51.8
54	53.5	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: BG037506.D

Acq: 24 Oct 2018 11:35

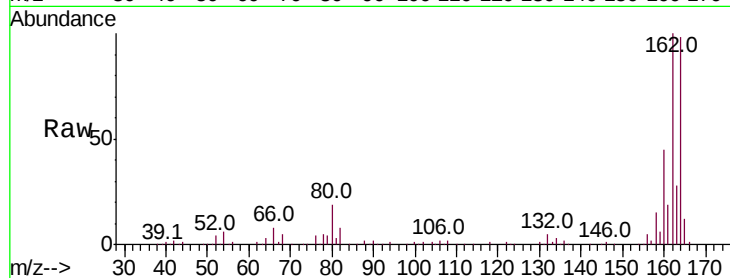
Instrument :

BNA_G

ClientSampleId :

Tot Ion:164 Resp: 177177

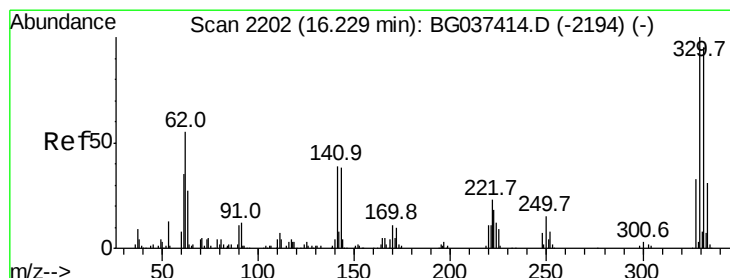
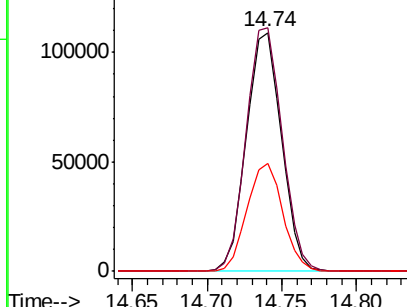
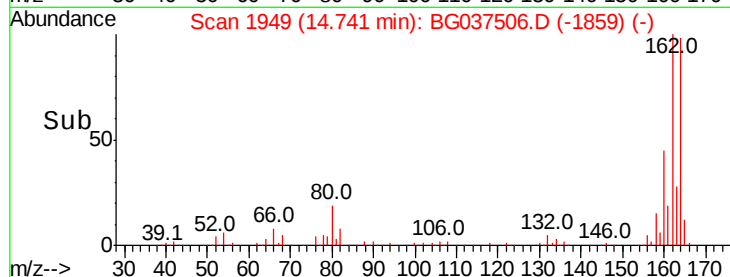
Ion	Ratio	Lower	Upper
164	100		
162	102.1	81.3	121.9
160	45.4	36.3	54.5



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: 119.936 ng

RT: 16.23 min Scan# 2202

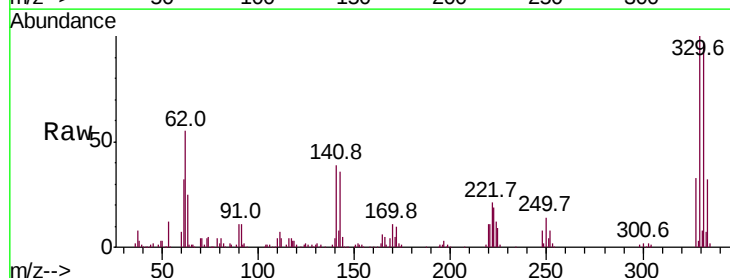
Delta R.T. -0.00 min

Lab File: BG037506.D

Acq: 24 Oct 2018 11:35

Tgt Ion:330 Resp: 231770

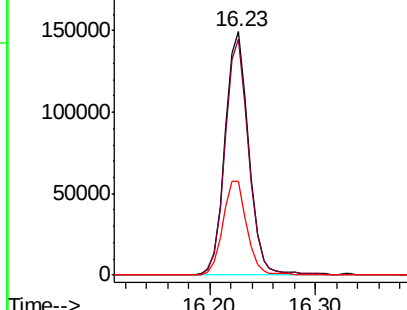
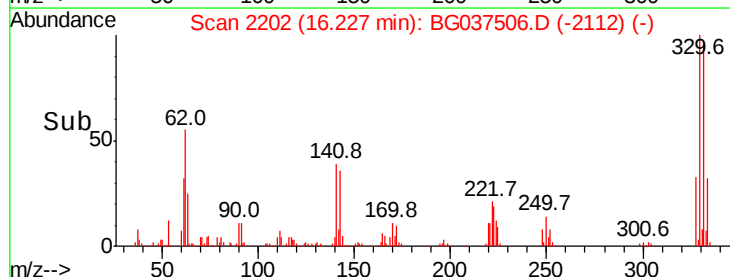
Ion	Ratio	Lower	Upper
330	100		
332	96.6	78.4	117.6
141	39.6	32.2	48.2

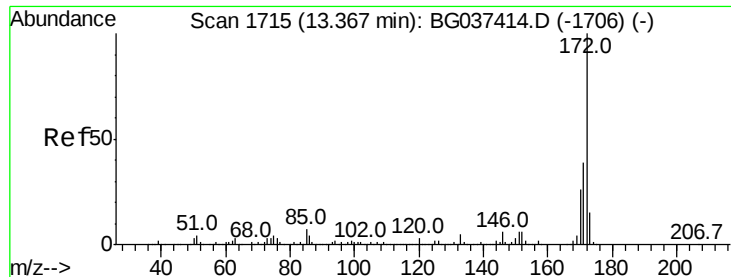


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



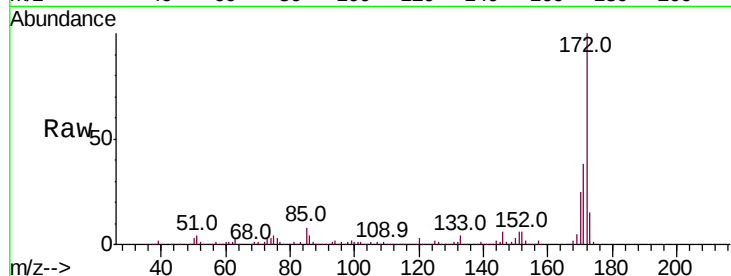


#45
 2-Fluorobiphenyl
 Concen: 74.289 ng
 RT: 13.36 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG037506.D
 Acq: 24 Oct 2018 11:35

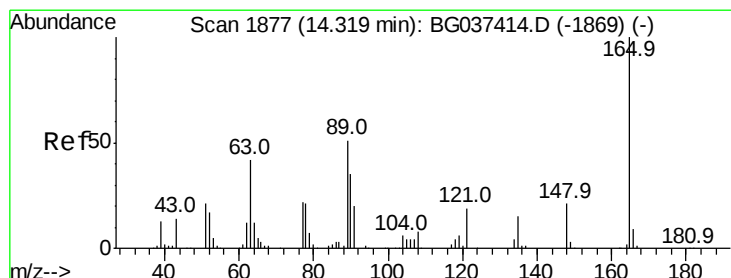
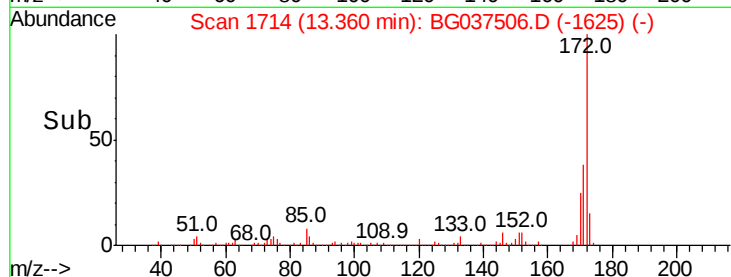
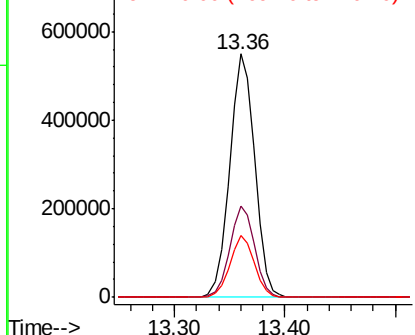
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 872863

Ion	Ratio	Lower	Upper
172	100		
171	37.7	31.0	46.4
170	25.2	20.2	30.2



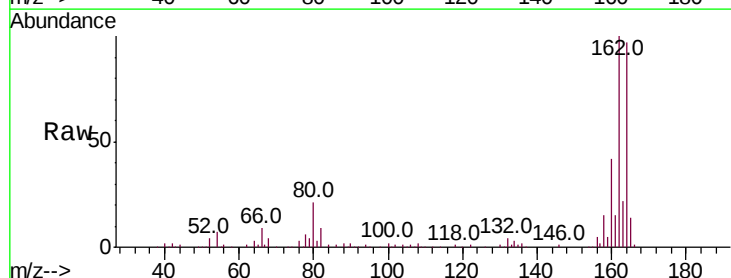
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



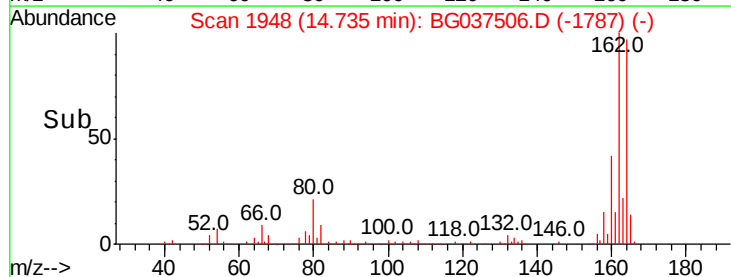
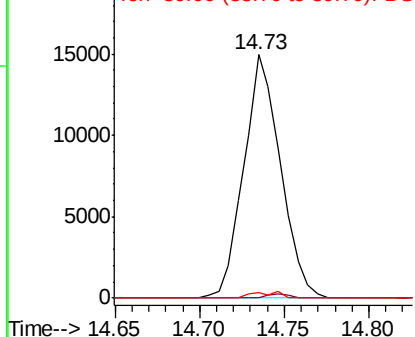
#51
 2,6-Dinitrotoluene
 Concen: 7.454 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. 0.42 min
 Lab File: BG037506.D
 Acq: 24 Oct 2018 11:35

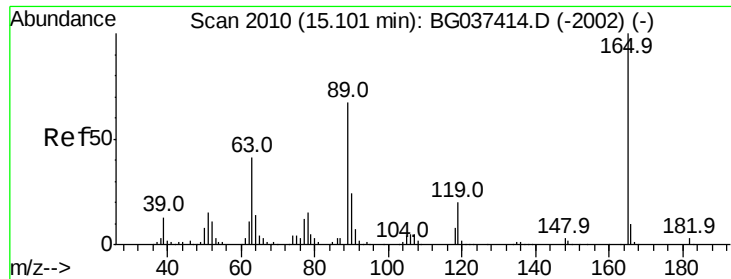
Tgt Ion:165 Resp: 22601

Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.4	65.2#
89	2.2	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

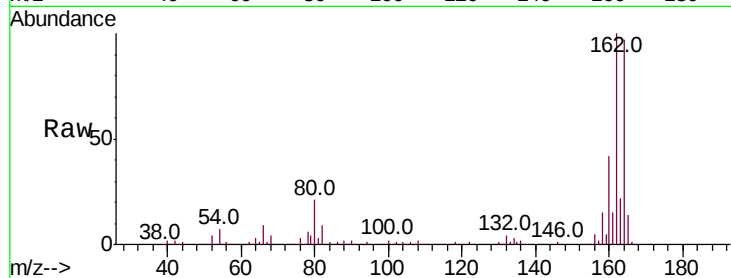




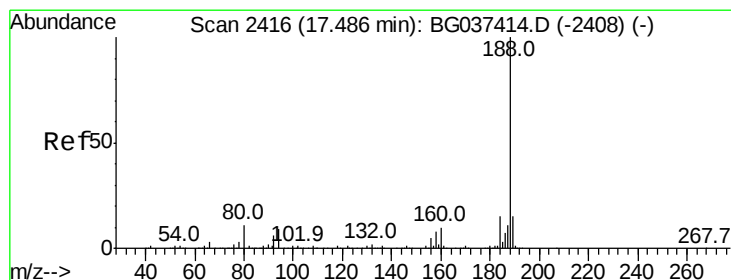
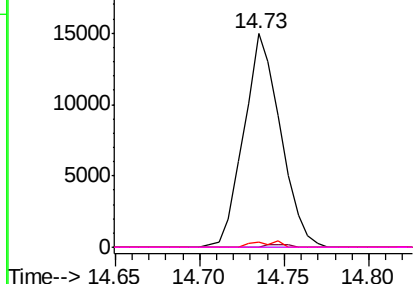
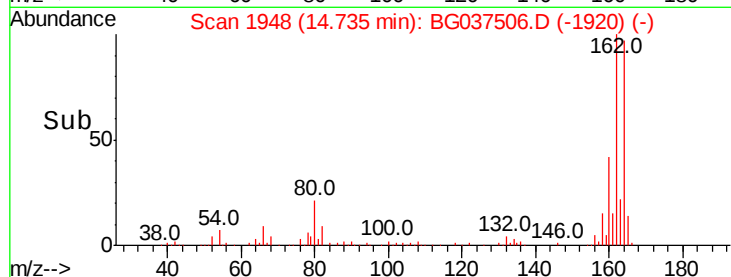
#57
 2,4-Dinitrotoluene
 Concen: 5.678 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.37 min
 Lab File: BG037506.D
 Acq: 24 Oct 2018 11:35

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 22601
 Ion Ratio Lower Upper
 165 100
 63 0.0 33.4 50.0#
 89 2.2 57.2 85.8#
 182 0.0 2.6 4.0#

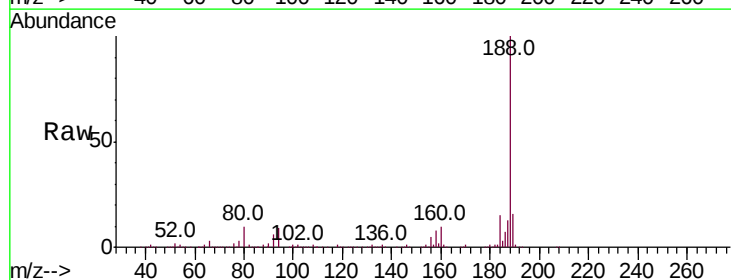


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

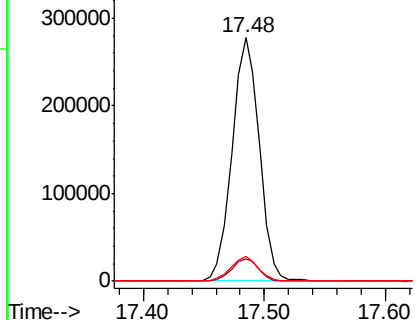
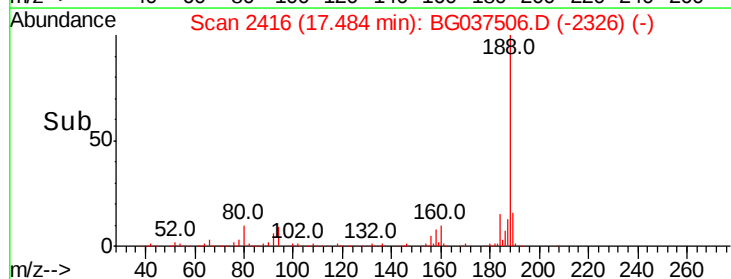


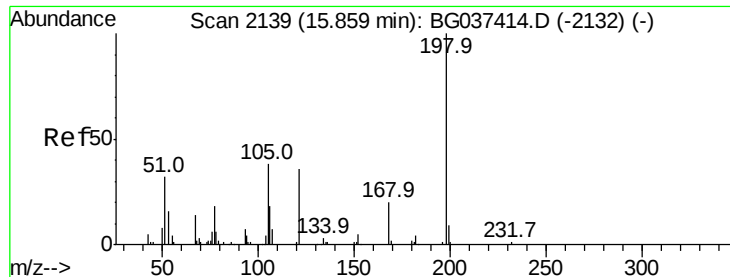
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2416
 Delta R.T. -0.00 min
 Lab File: BG037506.D
 Acq: 24 Oct 2018 11:35

Tgt Ion:188 Resp: 435987
 Ion Ratio Lower Upper
 188 100
 94 9.3 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

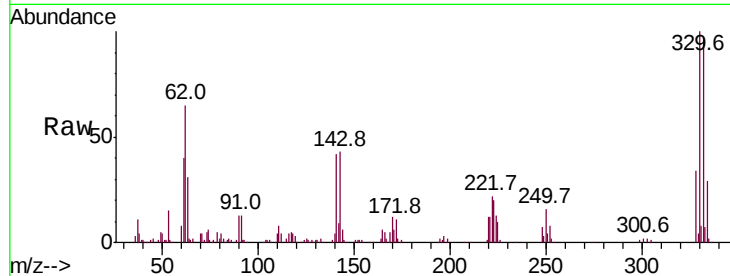




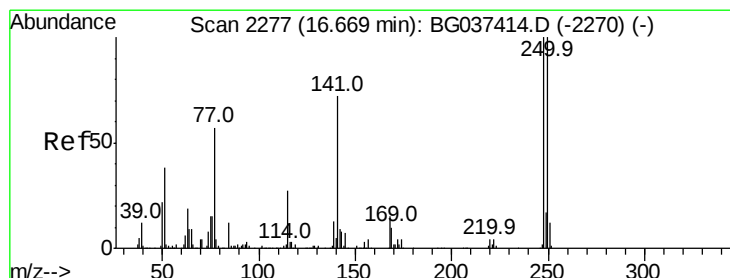
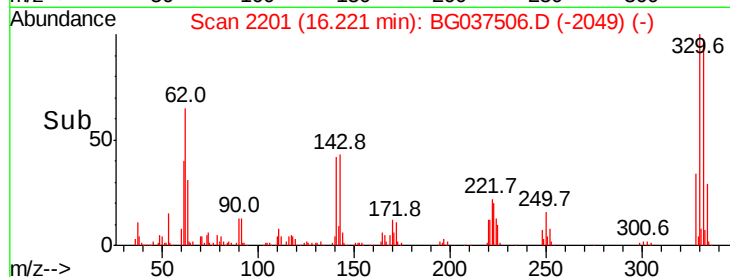
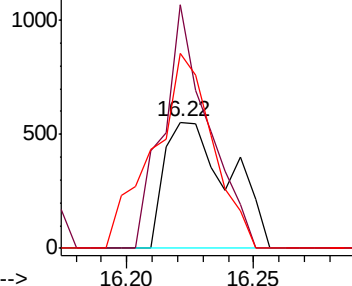
#65
4,6-Dinitro-2-methylphenol
Concen: 8.860 ng
RT: 16.22 min Scan# 2201
Delta R.T. 0.36 min
Lab File: BG037506.D
Acq: 24 Oct 2018 11:35

Instrument :
BNA_G
ClientSampled :

Tot Ion:198 Resp: 979
Ion Ratio Lower Upper
198 100
51 39.3 22.7 62.7
105 31.4 19.7 59.7

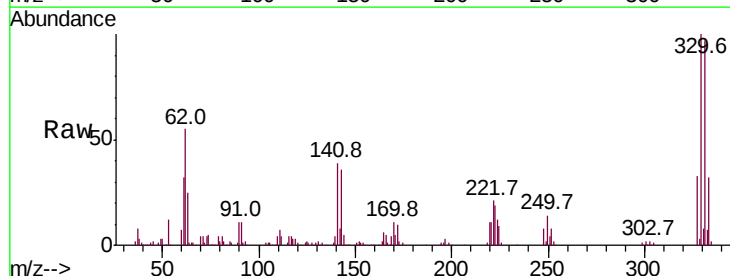


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

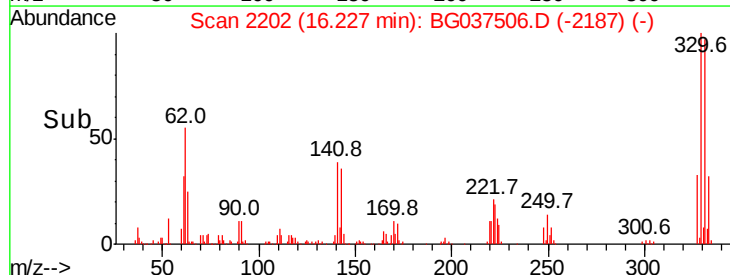
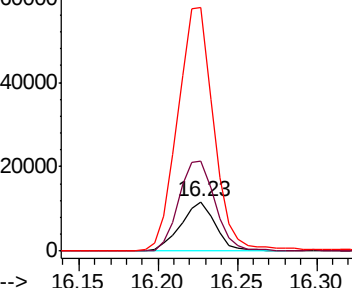


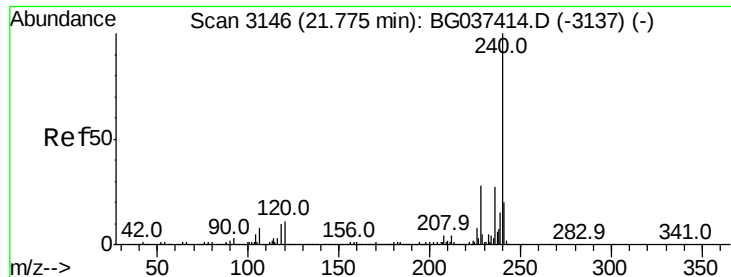
#67
4-Bromophenyl-phenylether
Concen: 3.681 ng
RT: 16.23 min Scan# 2202
Delta R.T. -0.44 min
Lab File: BG037506.D
Acq: 24 Oct 2018 11:35

Tgt Ion:248 Resp: 17625
Ion Ratio Lower Upper
248 100
250 181.4 77.0 115.6#
141 382.3 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: BG037506.D

Acq: 24 Oct 2018 11:35

Instrument :

BNA_G

ClientSampleId :

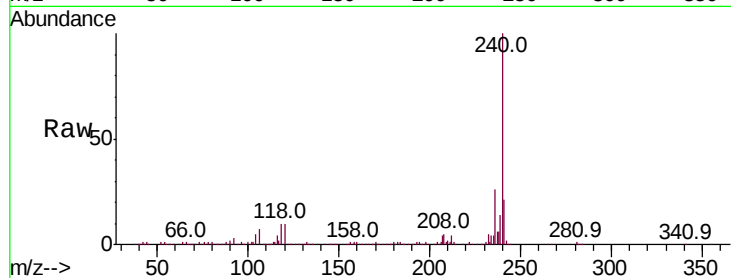
Tot Ion:240 Resp: 400689

Ion Ratio Lower Upper

240 100

120 10.4 8.1 12.1

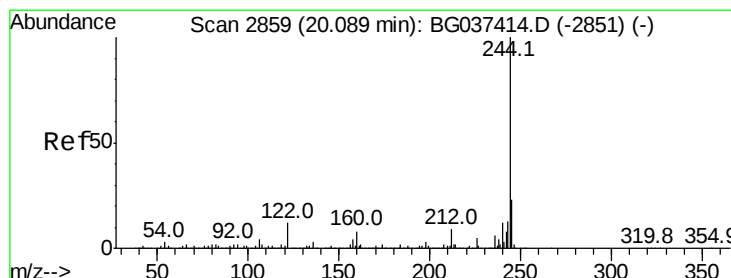
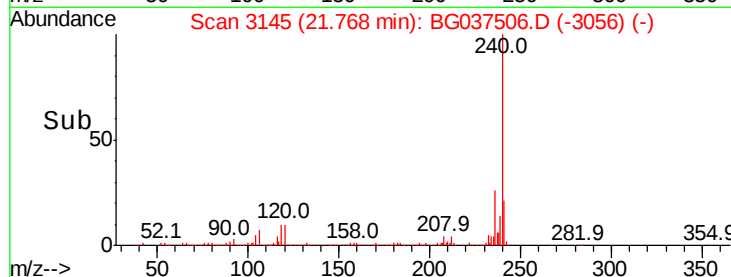
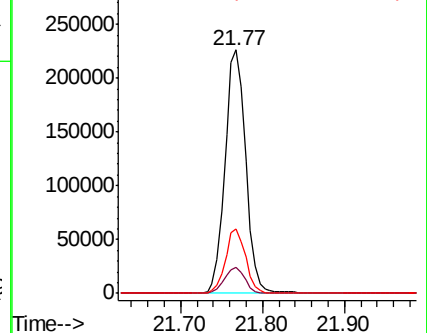
236 26.4 21.4 32.0



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: 71.533 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037506.D

Acq: 24 Oct 2018 11:35

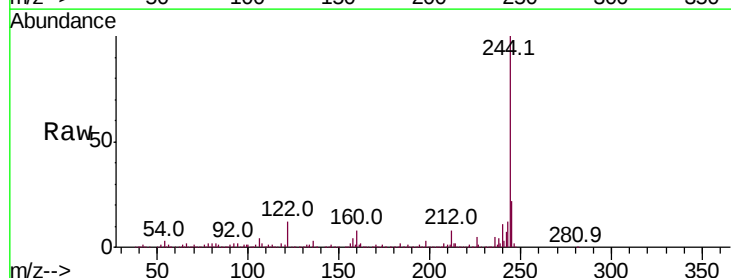
Tgt Ion:244 Resp: 1341389

Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

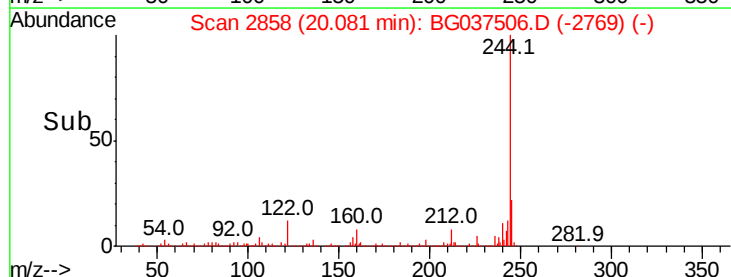
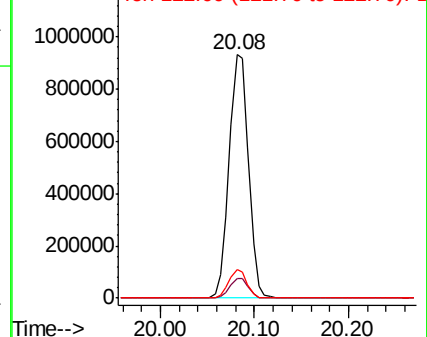
122 12.0 9.0 13.4

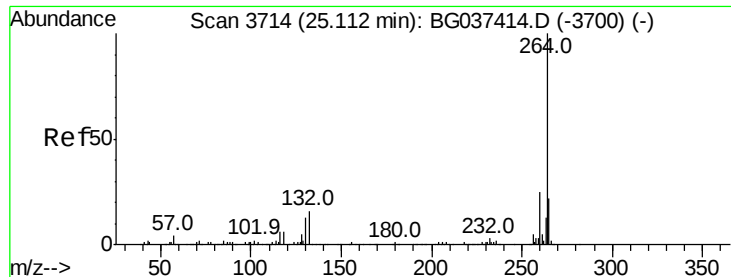


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3712
Delta R.T. -0.01 min
Lab File: BG037506.D
Acq: 24 Oct 2018 11:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.2	27.4
265	22.0	17.9	26.9

