

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110118\
 Data File : BG037752.D
 Acq On : 2 Nov 2018 12:46
 Operator : JU/SJ
 Sample : PB114391BL
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 02 14:26:05 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

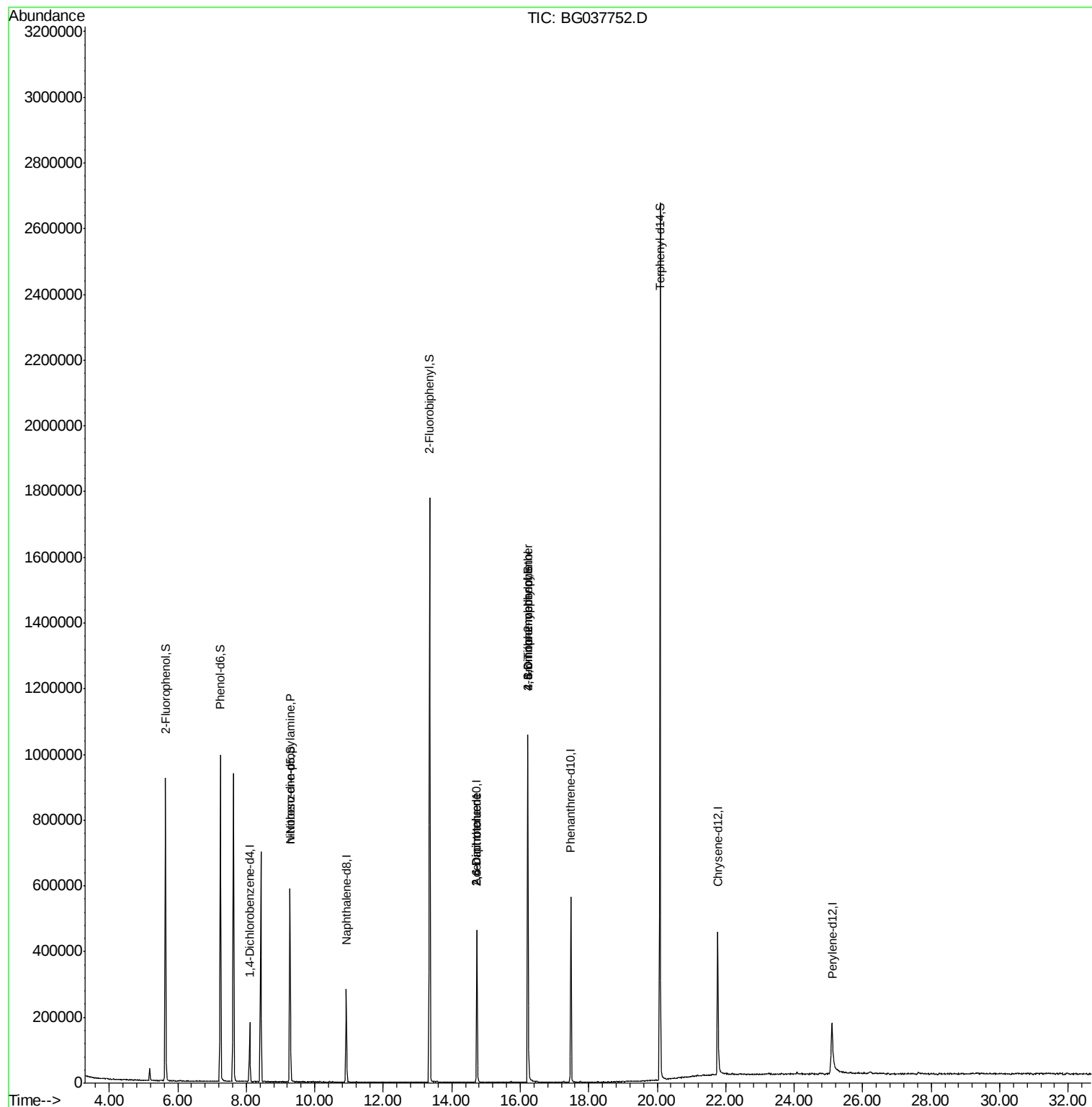
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	55769	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	253588	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	168834	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	370524	20.00	ng	0.00
76) Chrysene-d12	21.77	240	326647	20.00	ng	0.00
87) Perylene-d12	25.10	264	250585	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	432048	129.52	ng	0.00
7) Phenol-d6	7.24	99	639572	126.80	ng	0.00
23) Nitrobenzene-d5	9.28	82	373473	82.50	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	207257	112.55	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	973759	86.97	ng	-0.01
79) Terphenyl-d14	20.08	244	1336941	87.46	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.28	70	47749	13.747	ng	# 66
51) 2,6-Dinitrotoluene	14.73	165	21732	7.521	ng	# 26
57) 2,4-Dinitrotoluene	14.73	165	21732	5.730	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.22	198	653	8.784	ng	# 78
67) 4-Bromophenyl-phenylether	16.22	248	14713	3.616	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110118\
Data File : BG037752.D
Acq On : 2 Nov 2018 12:46
Operator : JU/SJ
Sample : PB114391BL
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Nov 02 14:26:05 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



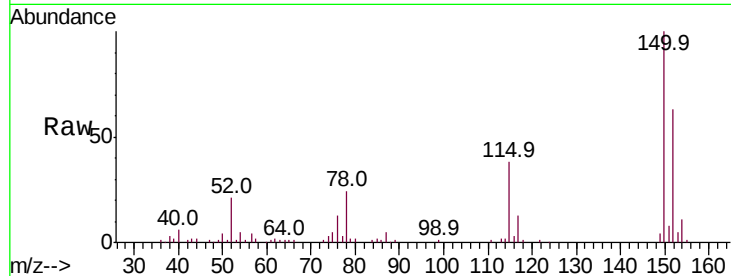


#1

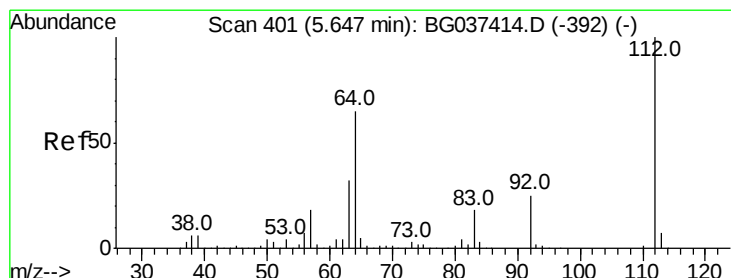
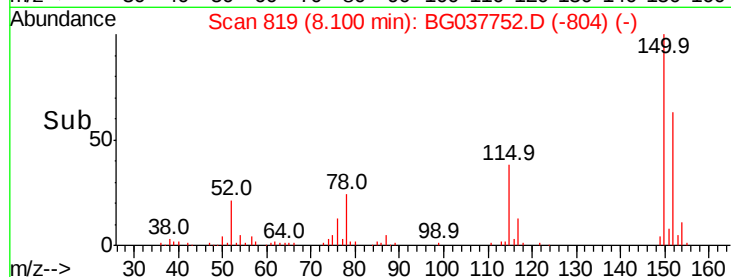
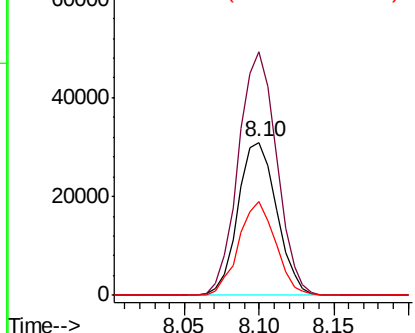
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037752.D
Acq: 2 Nov 2018 12:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 55769
Ion Ratio Lower Upper
152 100
150 159.2 126.0 189.0
115 61.0 45.5 68.3



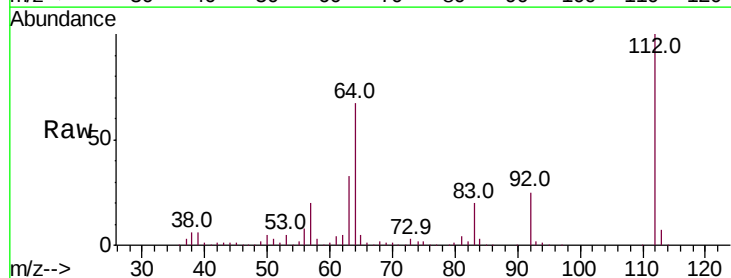
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



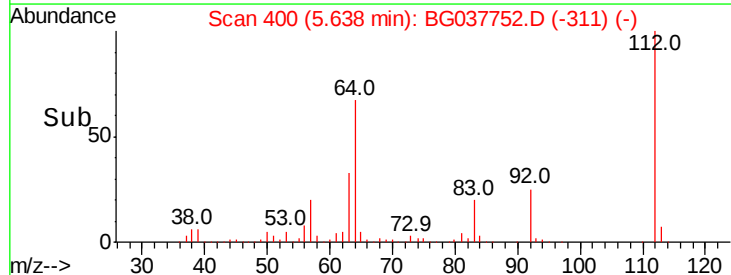
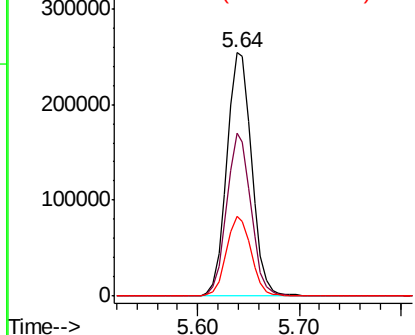
#5

2-Fluorophenol
Concen: 129.520 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037752.D
Acq: 2 Nov 2018 12:46

Tgt Ion:112 Resp: 432048
Ion Ratio Lower Upper
112 100
64 67.2 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): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 126.796 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037752.D

Acq: 2 Nov 2018 12:46

Instrument :

BNA_G

ClientSampled :

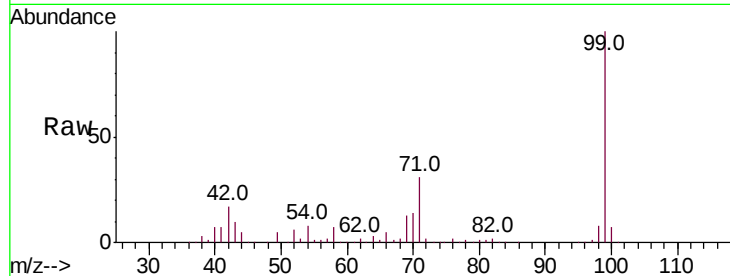
Tot Ion: 99 Resp: 639572

Ion Ratio Lower Upper

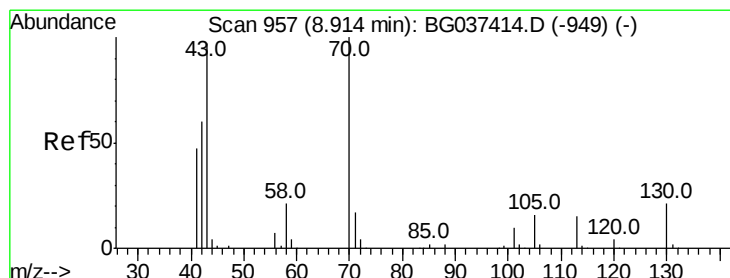
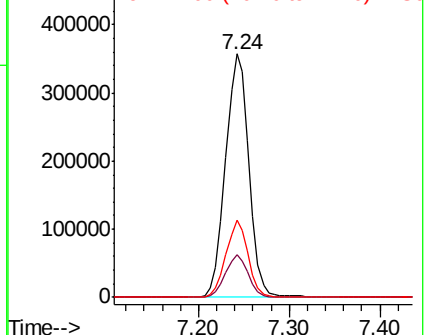
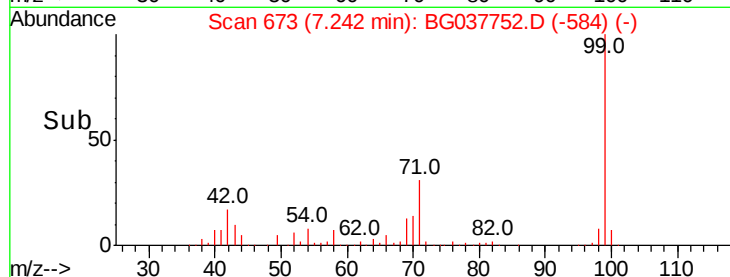
99 100

42 17.5 15.0 22.4

71 31.5 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: 13.747 ng

RT: 9.28 min Scan# 1019

Delta R.T. 0.36 min

Lab File: BG037752.D

Acq: 2 Nov 2018 12:46

Tgt Ion: 70 Resp: 47749

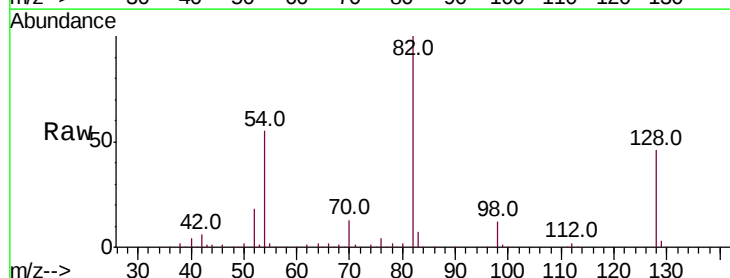
Ion Ratio Lower Upper

70 100

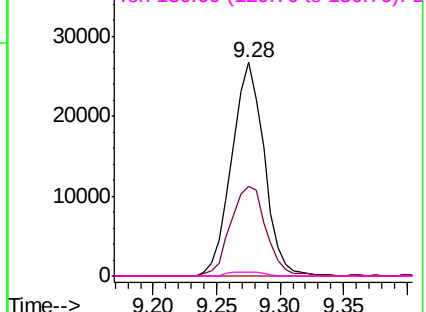
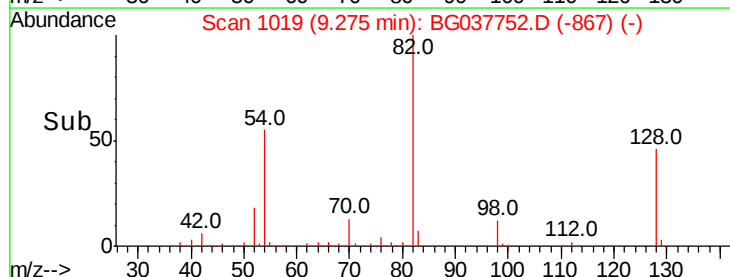
42 42.2 53.9 80.9#

101 0.0 8.2 12.2#

130 1.8 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

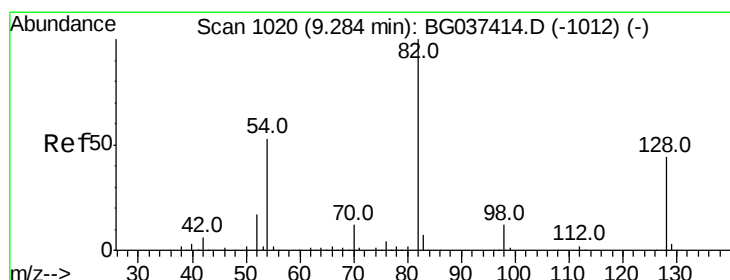
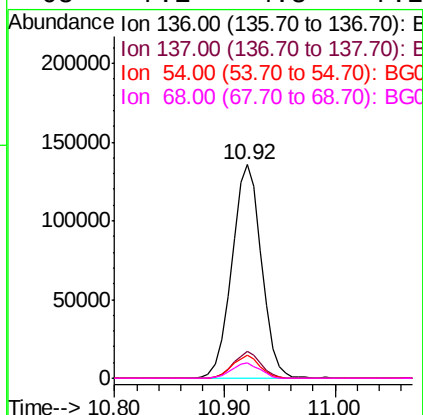
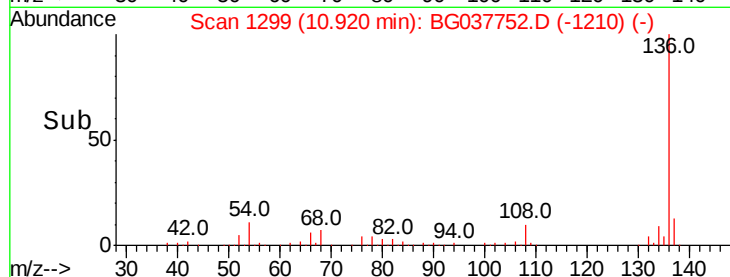
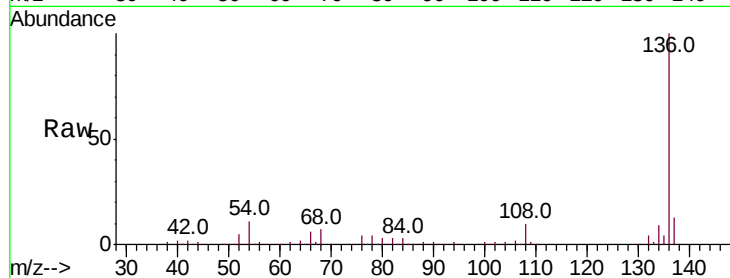




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037752.D
Acq: 2 Nov 2018 12:46

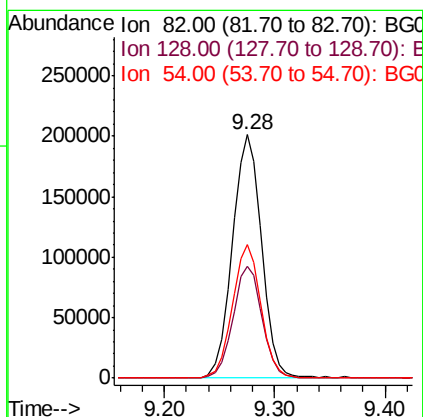
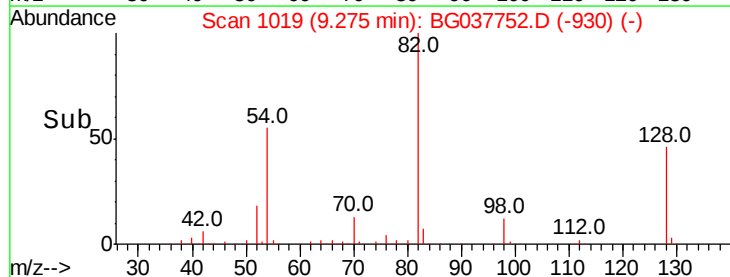
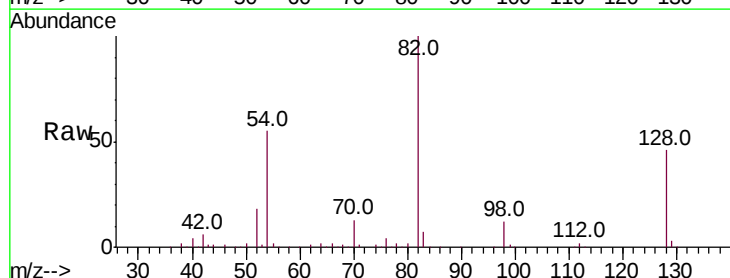
Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	253588
Ion	Ratio	Lower	Upper
136	100		
137	12.7	9.6	14.4
54	10.8	7.9	11.9
68	7.1	4.8	7.2



#23
Nitrobenzene-d5
Concen: 82.502 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037752.D
Acq: 2 Nov 2018 12:46

Tgt Ion:	82	Resp:	373473
Ion	Ratio	Lower	Upper
82	100		
128	45.9	34.6	51.8
54	54.6	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: BG037752.D

Acq: 2 Nov 2018 12:46

Instrument :

BNA_G

ClientSampleId :

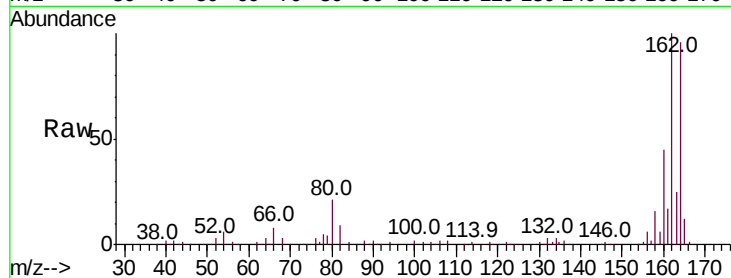
Tot Ion:164 Resp: 168834

Ion Ratio Lower Upper

164 100

162 104.7 81.3 121.9

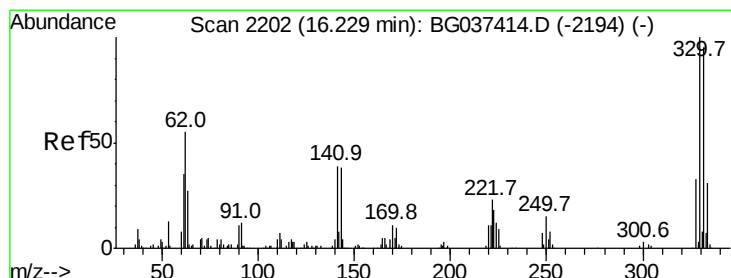
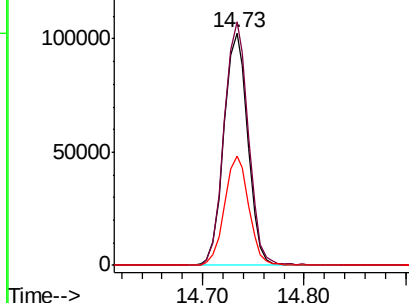
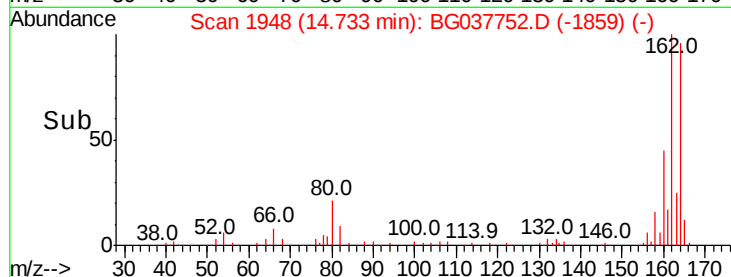
160 47.1 36.3 54.5



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: 112.551 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037752.D

Acq: 2 Nov 2018 12:46

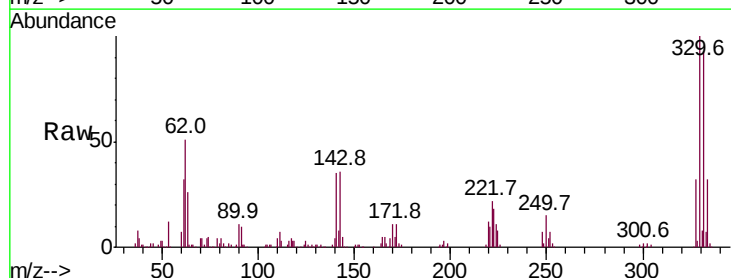
Tgt Ion:330 Resp: 207257

Ion Ratio Lower Upper

330 100

332 96.7 78.4 117.6

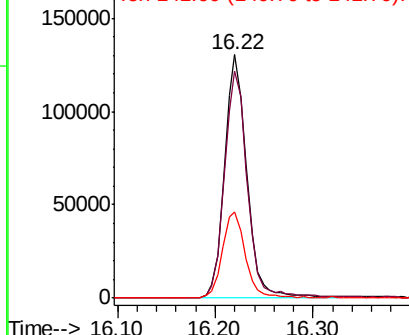
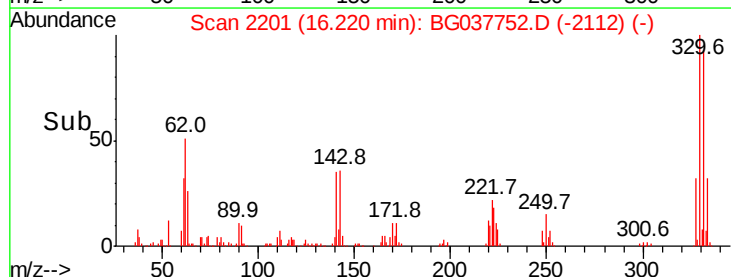
141 36.7 32.2 48.2



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

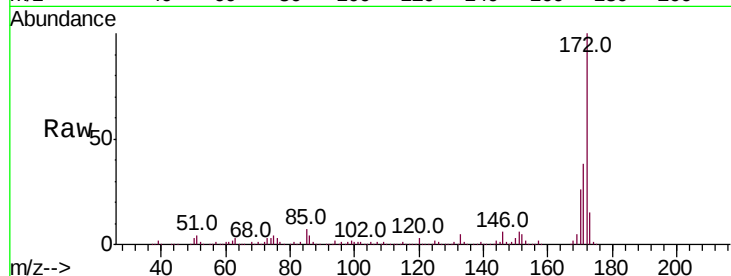




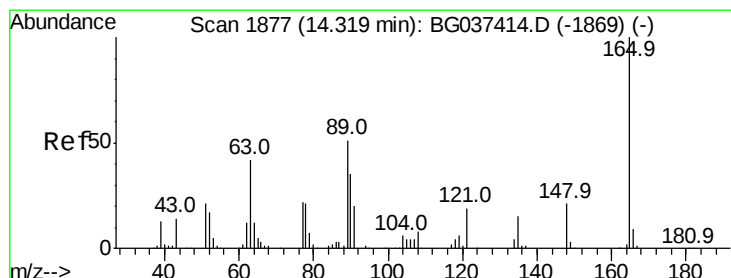
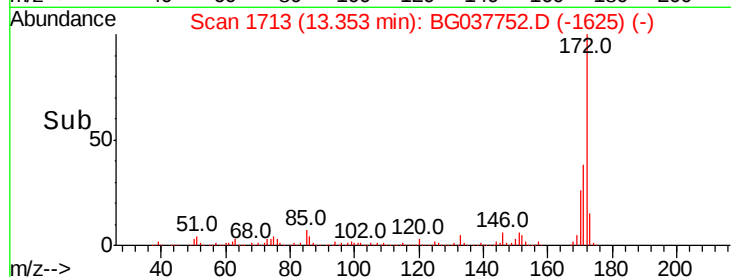
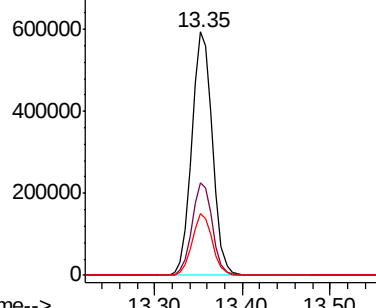
#45
2-Fluorobiphenyl
Concen: 86.971 ng
RT: 13.35 min Scan# 1713
Delta R.T. -0.01 min
Lab File: BG037752.D
Acq: 2 Nov 2018 12:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.2	31.0	46.4
170	25.5	20.2	30.2

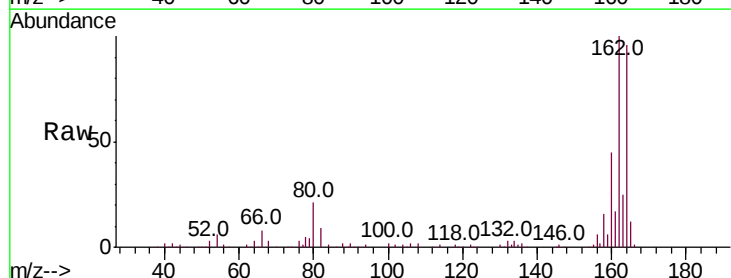


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

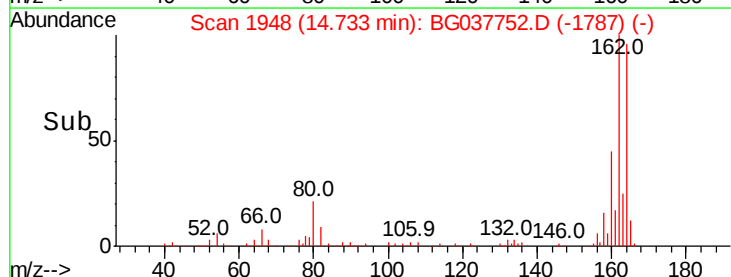
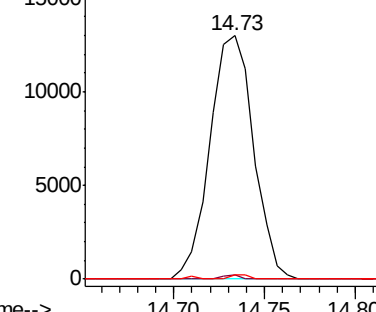


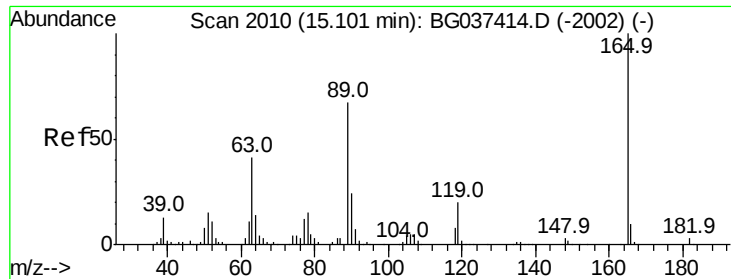
#51
2,6-Dinitrotoluene
Concen: 7.521 ng
RT: 14.73 min Scan# 1948
Delta R.T. 0.41 min
Lab File: BG037752.D
Acq: 2 Nov 2018 12:46

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	43.4	65.2#
89	1.7	45.8	68.6#



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

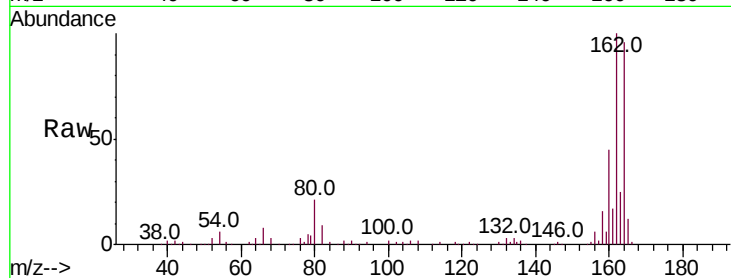




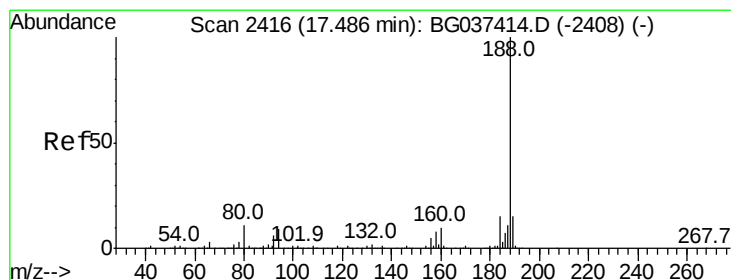
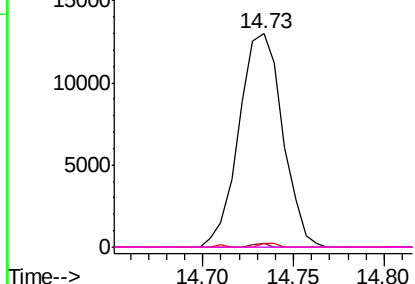
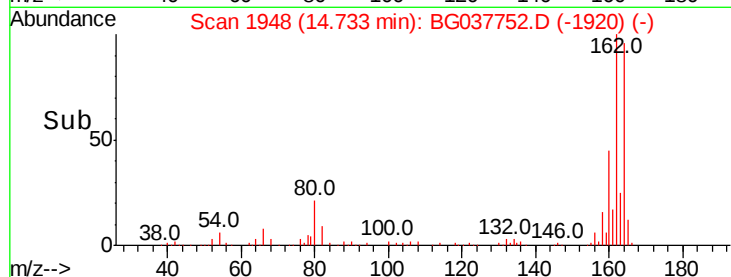
#57
 2,4-Dinitrotoluene
 Concen: 5.730 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.37 min
 Lab File: BG037752.D
 Acq: 2 Nov 2018 12:46

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 21732
 Ion Ratio Lower Upper
 165 100
 63 1.7 33.4 50.0#
 89 1.7 57.2 85.8#
 182 0.0 2.6 4.0#

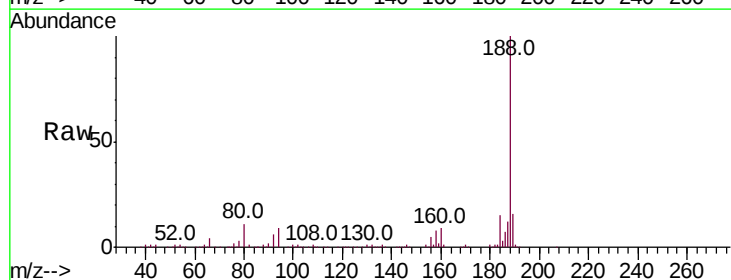


Abundance Ion 165.00 (164.70 to 165.70): E
 20000 Ion 63.00 (62.70 to 63.70): BGC
 15000 Ion 89.00 (88.70 to 89.70): BGC
 10000 Ion 182.00 (181.70 to 182.70): E

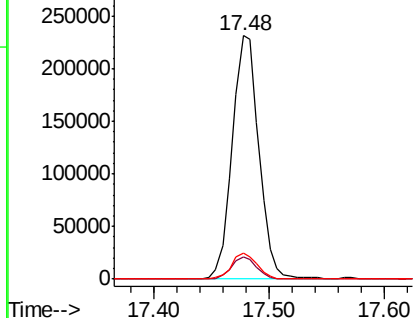
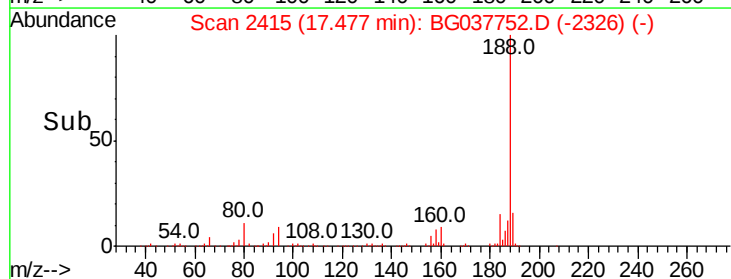


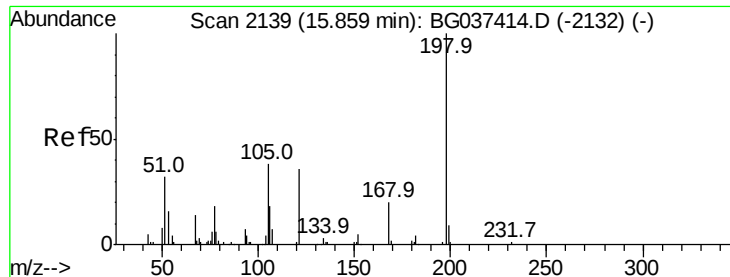
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2415
 Delta R.T. -0.01 min
 Lab File: BG037752.D
 Acq: 2 Nov 2018 12:46

Tgt Ion:188 Resp: 370524
 Ion Ratio Lower Upper
 188 100
 94 8.9 7.2 10.8
 80 10.5 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E
 300000 Ion 94.00 (93.70 to 94.70): BGC
 250000 Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 8.784 ng

RT: 16.22 min Scan# 2201

Delta R.T. 0.36 min

Lab File: BG037752.D

Acq: 2 Nov 2018 12:46

Instrument :

BNA_G

ClientSampleId :

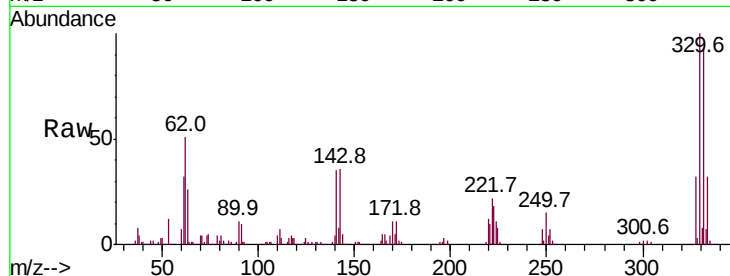
Tot Ion:198 Resp: 653

Ion Ratio Lower Upper

198 100

51 22.6 22.7 62.7#

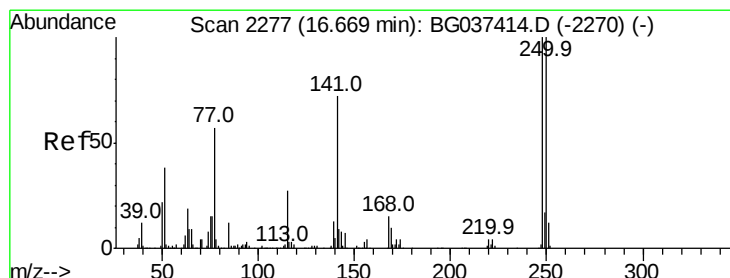
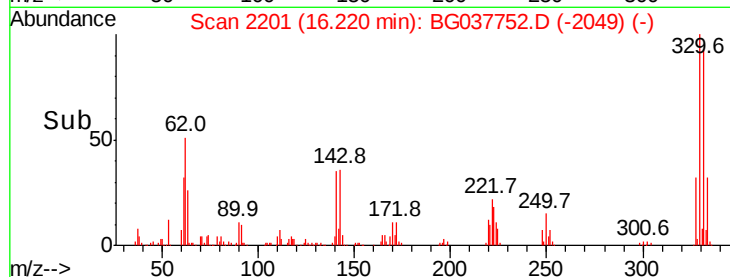
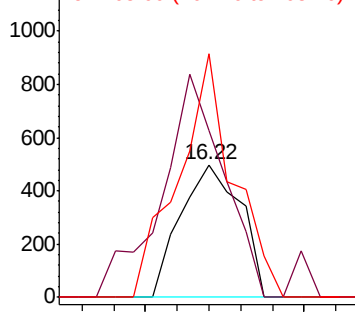
105 32.9 19.7 59.7



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: 3.616 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.45 min

Lab File: BG037752.D

Acq: 2 Nov 2018 12:46

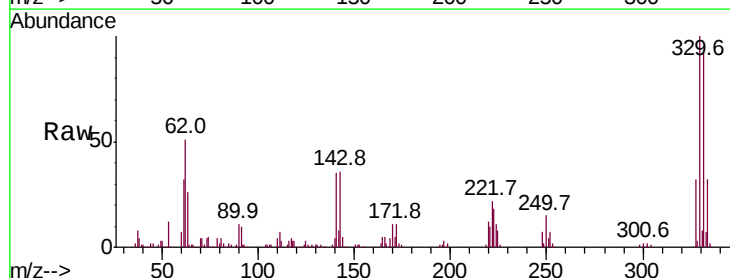
Tgt Ion:248 Resp: 14713

Ion Ratio Lower Upper

248 100

250 206.0 77.0 115.6#

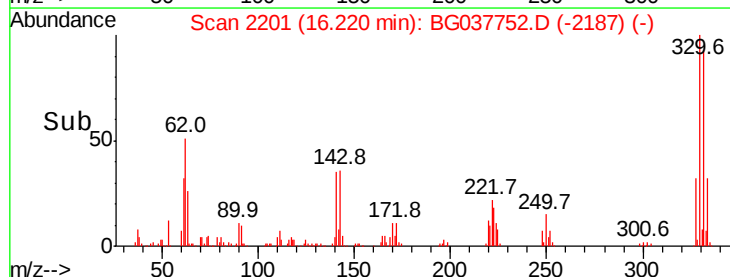
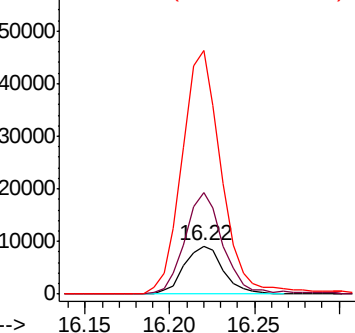
141 377.9 55.5 83.3#

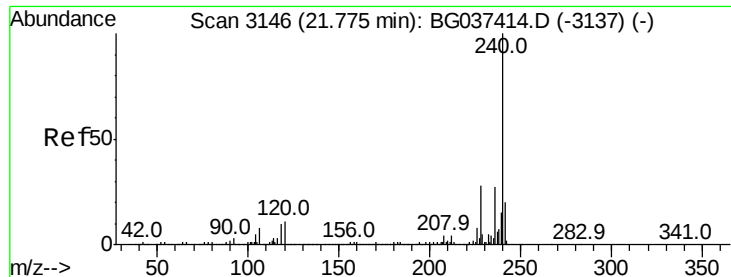


Abundance Ion 248.00 (247.70 to 248.70): E

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: BG037752.D

Acq: 2 Nov 2018 12:46

Instrument :

BNA_G

ClientSampleId :

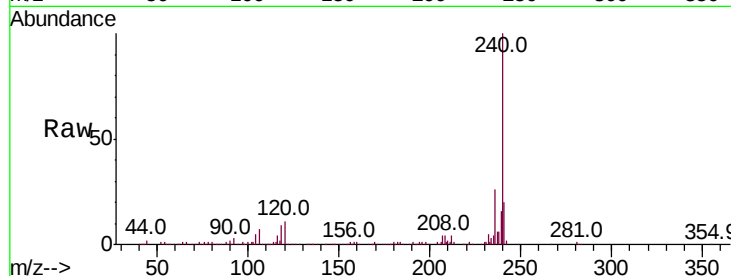
Tot Ion:240 Resp: 326647

Ion Ratio Lower Upper

240 100

120 10.6 8.1 12.1

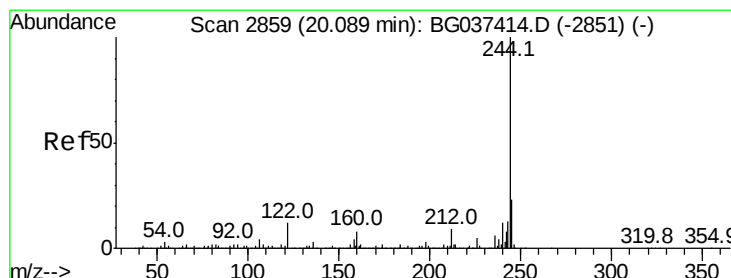
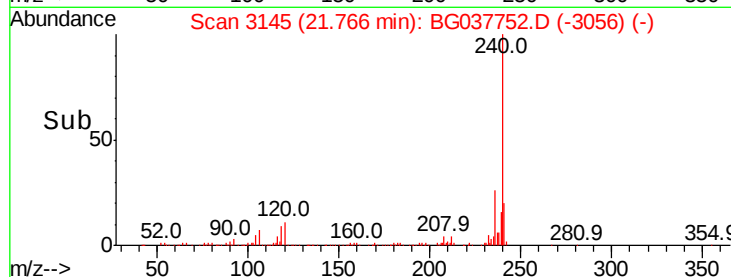
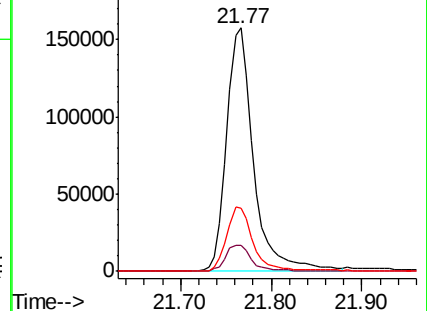
236 25.9 21.4 32.0



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: 87.456 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037752.D

Acq: 2 Nov 2018 12:46

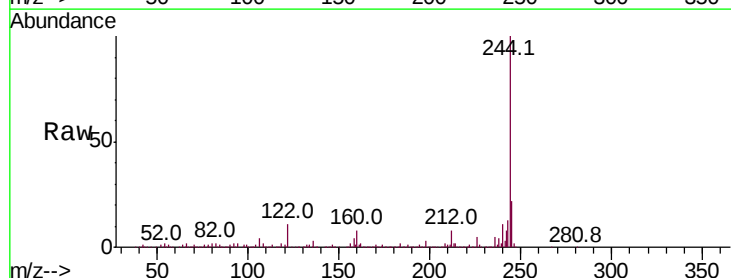
Tgt Ion:244 Resp: 1336941

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

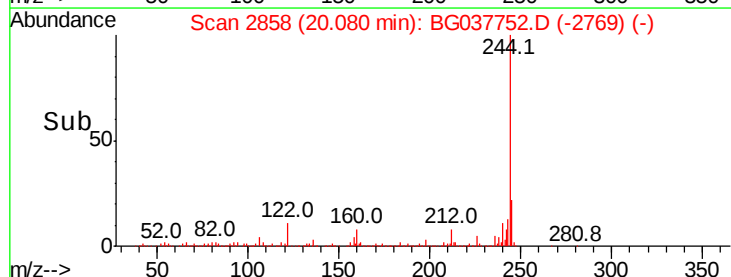
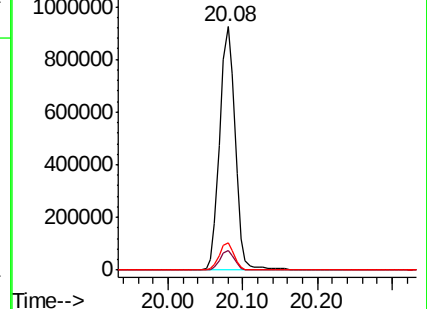
122 11.0 9.0 13.4

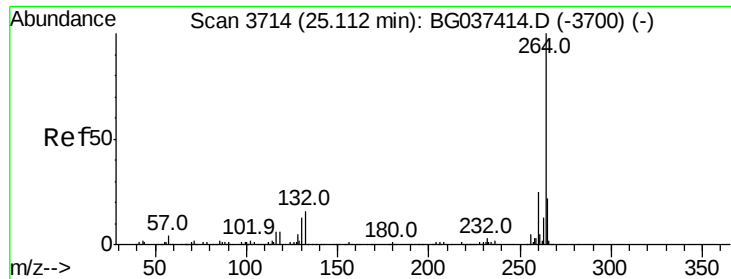


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3713
Delta R.T. -0.01 min
Lab File: BG037752.D
Acq: 2 Nov 2018 12:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.2	27.4
265	20.7	17.9	26.9

