

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102418\
 Data File : BG037533.D
 Acq On : 25 Oct 2018 5:55
 Operator : JU/SJ
 Sample : J5639-12
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 25 08:02:54 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

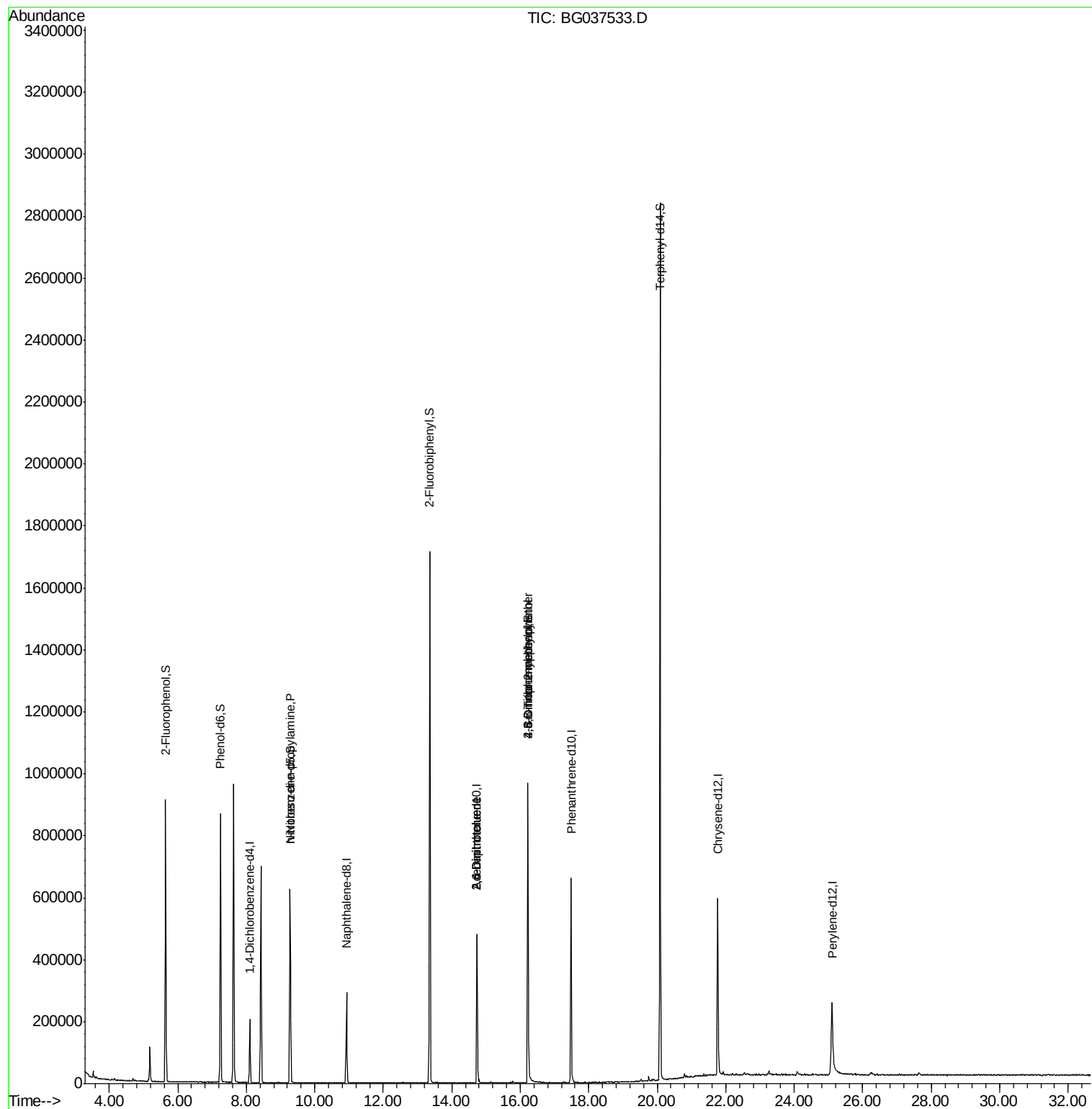
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	61858	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	262155	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	175820	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	413471	20.00	ng	0.00
76) Chrysene-d12	21.77	240	381478	20.00	ng	0.00
87) Perylene-d12	25.10	264	337723	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	415834	112.39	ng	0.00
7) Phenol-d6	7.25	99	540038	96.52	ng	0.00
23) Nitrobenzene-d5	9.28	82	391081	83.57	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	188248	98.17	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	923315	79.19	ng	0.00
79) Terphenyl-d14	20.08	244	1390674	77.90	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.28	70	49070	12.737	ng	# 74
51) 2,6-Dinitrotoluene	14.73	165	22457	7.463	ng	# 25
57) 2,4-Dinitrotoluene	14.73	165	22457	5.686	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.23	198	453	8.679	ng	71
67) 4-Bromophenyl-phenylether	16.22	248	13421	2.956	ng	# 1

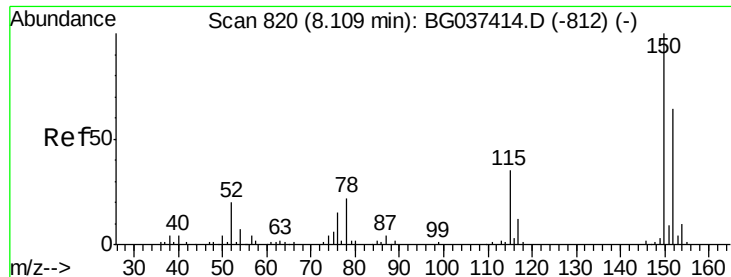
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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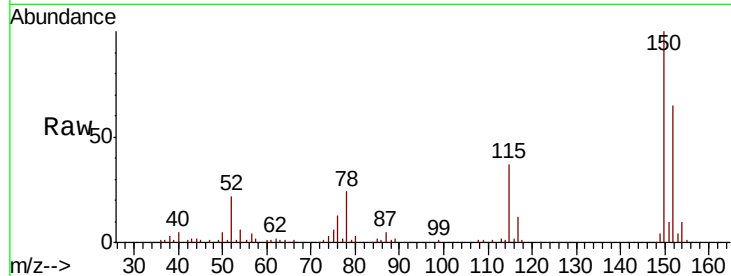


#1

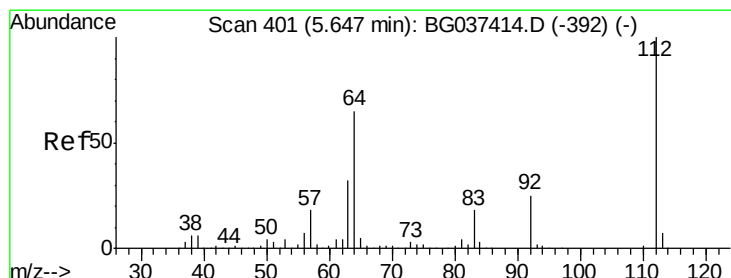
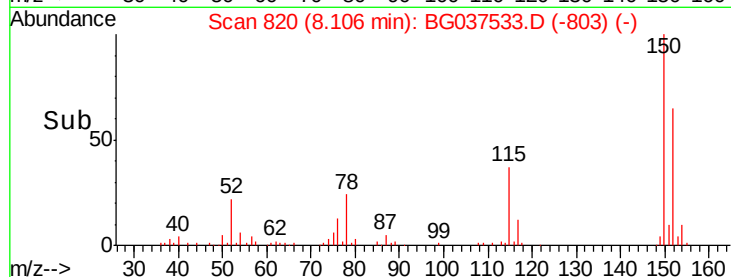
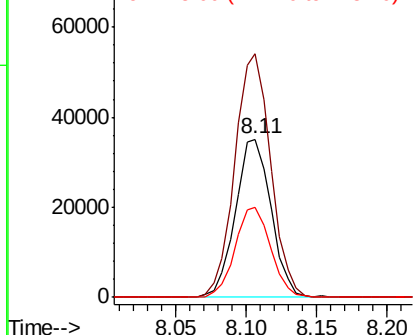
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG037533.D
Acq: 25 Oct 2018 5:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 61858
Ion Ratio Lower Upper
152 100
150 153.6 126.0 189.0
115 56.9 45.5 68.3



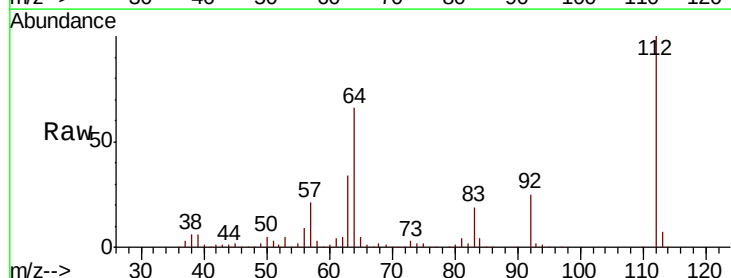
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



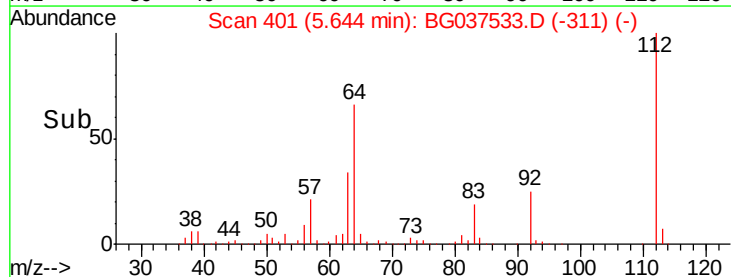
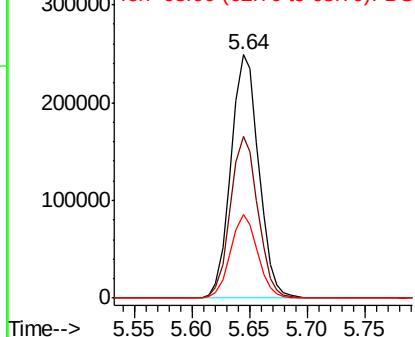
#5

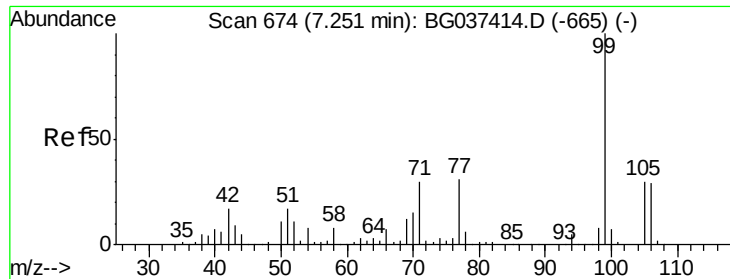
2-Fluorophenol
Concen: 112.389 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037533.D
Acq: 25 Oct 2018 5:55

Tgt Ion:112 Resp: 415834
Ion Ratio Lower Upper
112 100
64 66.5 53.1 79.7
63 34.1 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: 96.525 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037533.D

Acq: 25 Oct 2018 5:55

Instrument :

BNA_G

ClientSampleId :

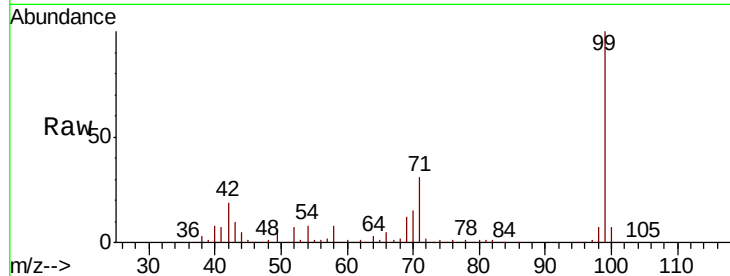
Tot Ion: 99 Resp: 540038

Ion Ratio Lower Upper

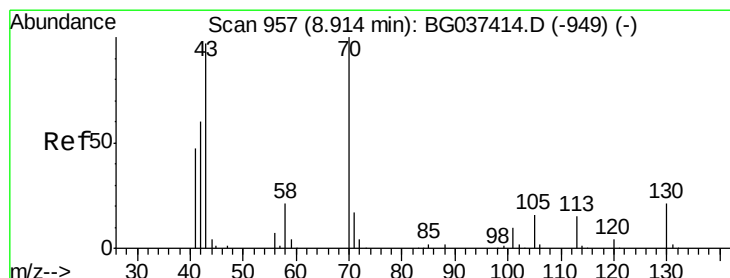
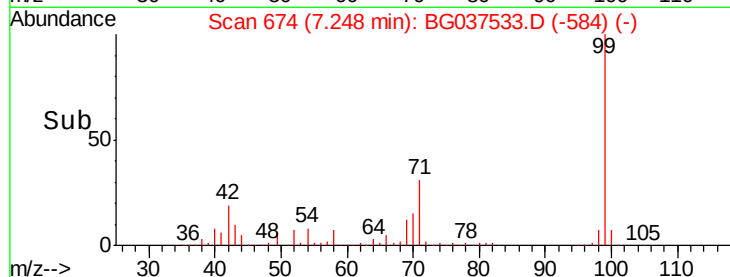
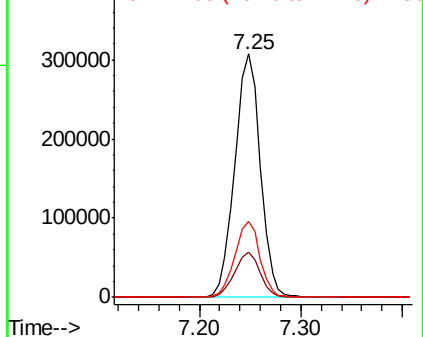
99 100

42 18.8 15.0 22.4

71 31.0 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: 12.737 ng

RT: 9.28 min Scan# 1020

Delta R.T. 0.37 min

Lab File: BG037533.D

Acq: 25 Oct 2018 5:55

Tgt Ion: 70 Resp: 49070

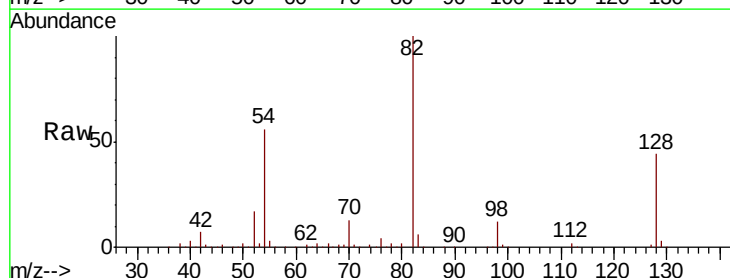
Ion Ratio Lower Upper

70 100

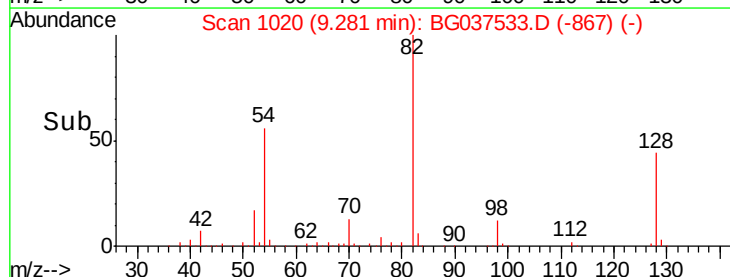
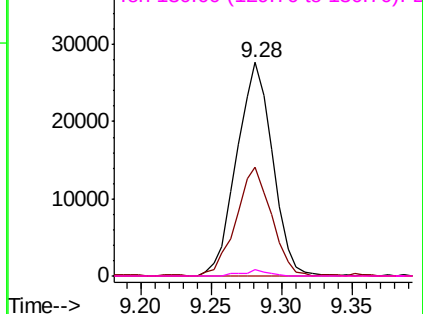
42 50.8 53.9 80.9#

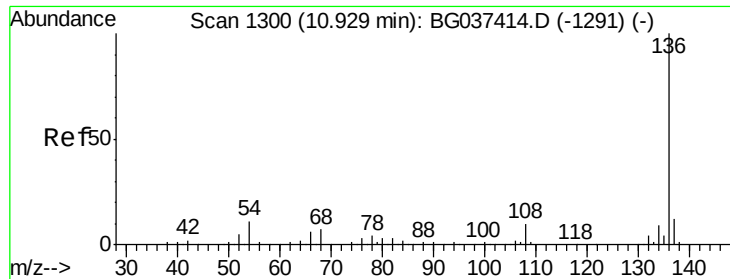
101 0.0 8.2 12.2#

130 3.1 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

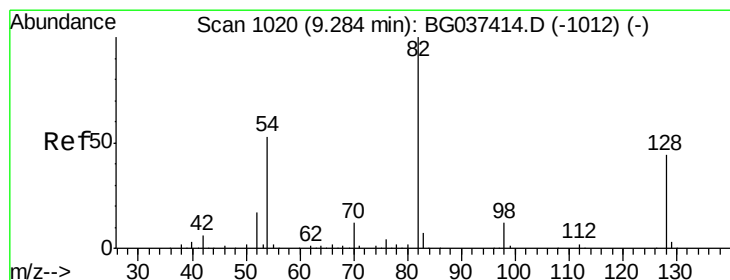
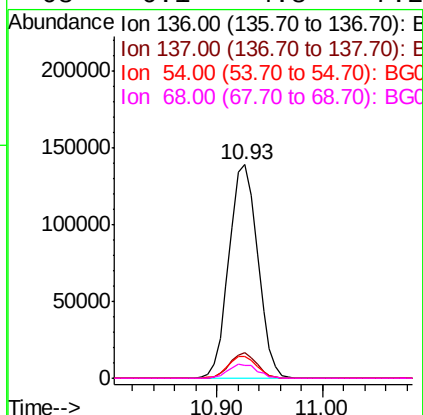
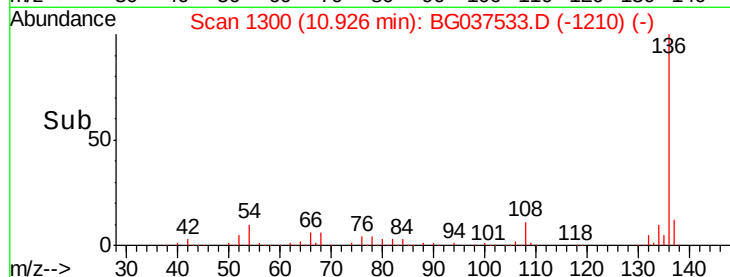
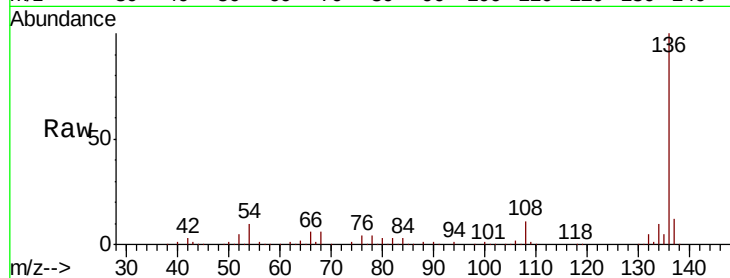




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037533.D
Acq: 25 Oct 2018 5:55

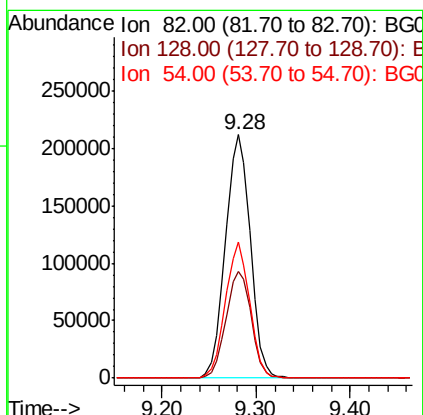
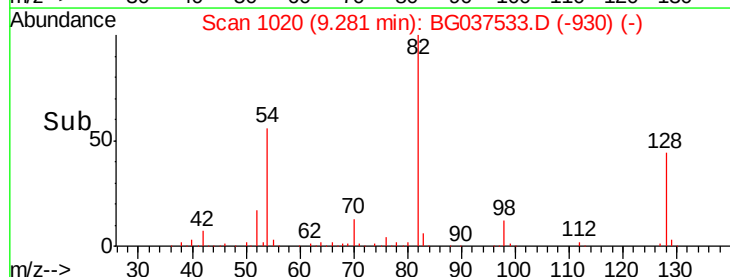
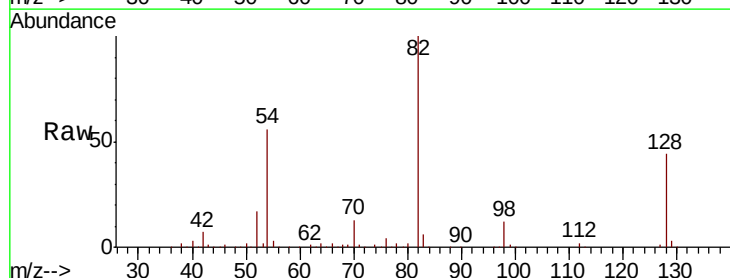
Instrument :
BNA_G
ClientSampleId :

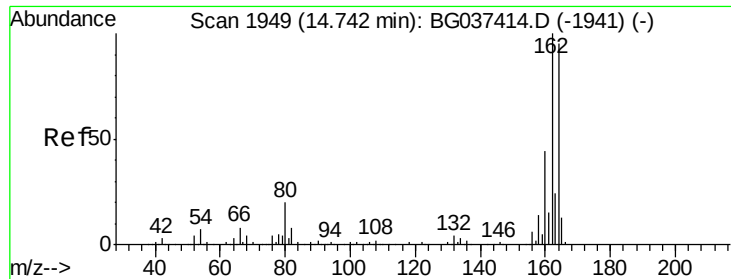
Tot Ion:136	Resp:	262155
Ion Ratio	Lower	Upper
136	100	
137	12.3	9.6 14.4
54	10.2	7.9 11.9
68	6.1	4.8 7.2



#23
Nitrobenzene-d5
Concen: 83.569 ng
RT: 9.28 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG037533.D
Acq: 25 Oct 2018 5:55

Tgt Ion: 82	Resp:	391081
Ion Ratio	Lower	Upper
82	100	
128	43.9	34.6 51.8
54	56.1	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: BG037533.D

Acq: 25 Oct 2018 5:55

Instrument :

BNA_G

ClientSampleId :

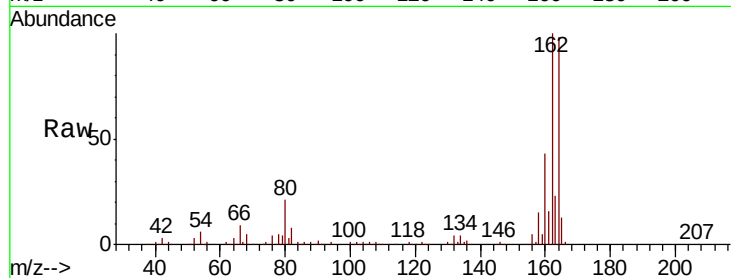
Tot Ion:164 Resp: 175820

Ion Ratio Lower Upper

164 100

162 102.4 81.3 121.9

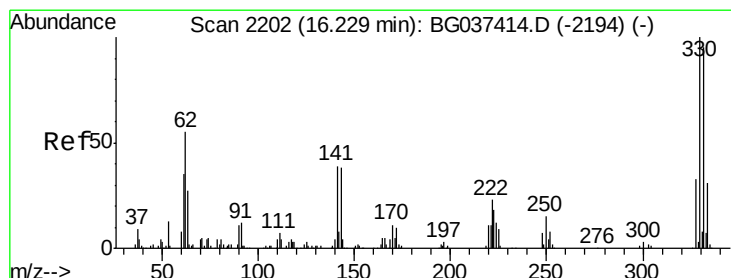
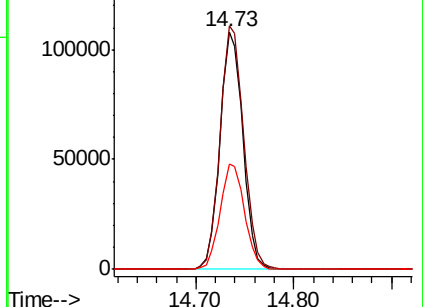
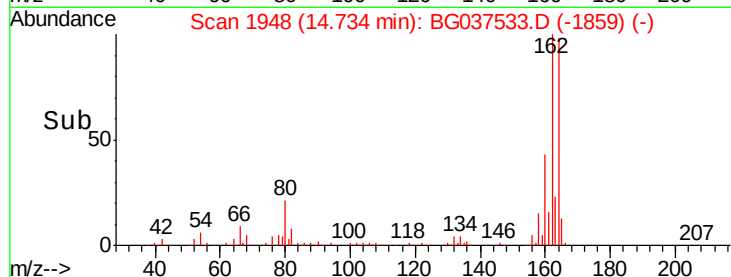
160 44.4 36.3 54.5



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: 98.166 ng

RT: 16.23 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG037533.D

Acq: 25 Oct 2018 5:55

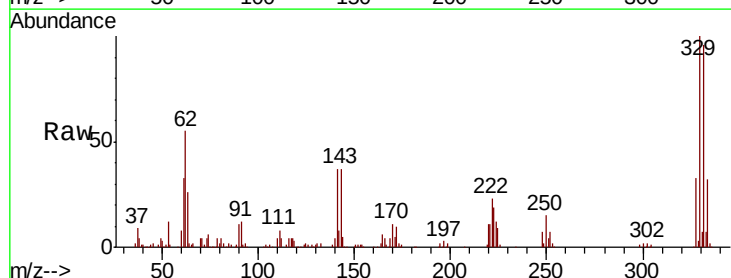
Tgt Ion:330 Resp: 188248

Ion Ratio Lower Upper

330 100

332 93.7 78.4 117.6

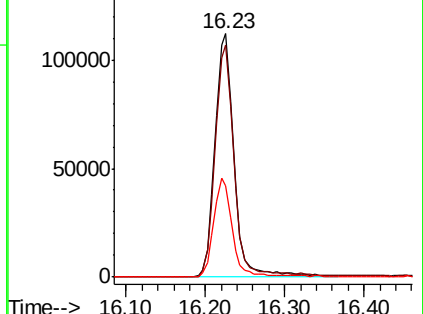
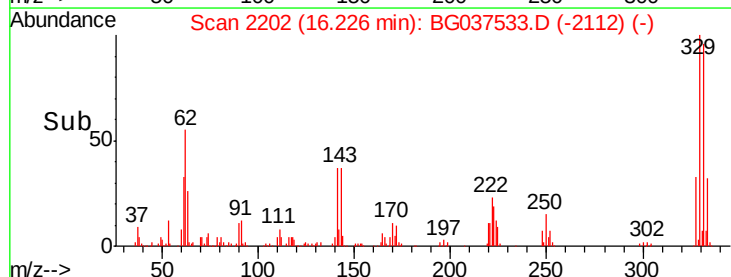
141 39.0 32.2 48.2

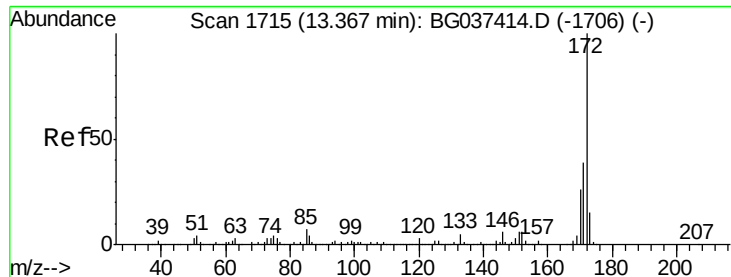


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

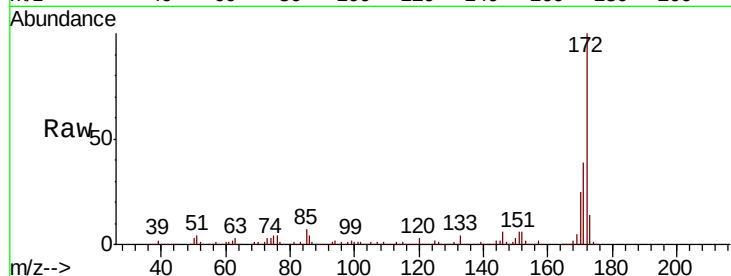




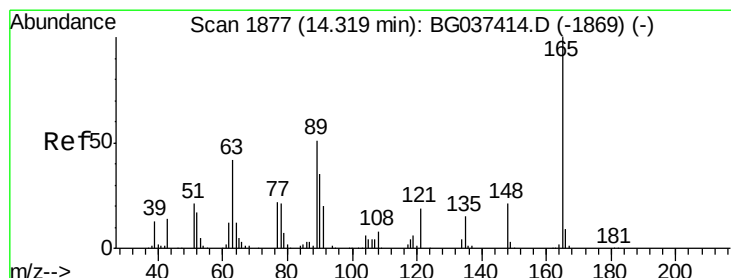
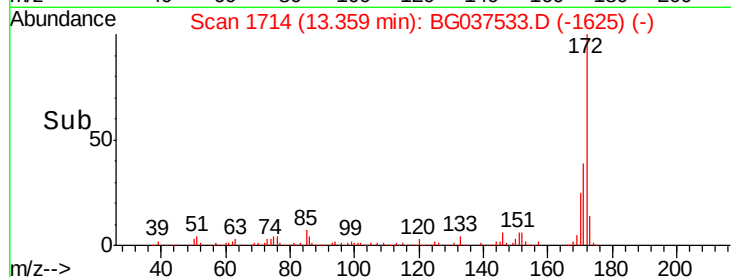
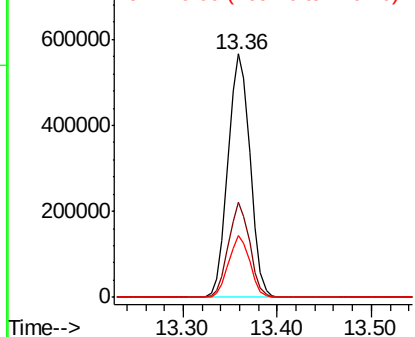
#45
2-Fluorobiphenyl
Concen: 79.189 ng
RT: 13.36 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG037533.D
Acq: 25 Oct 2018 5:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.0	31.0	46.4
170	25.2	20.2	30.2

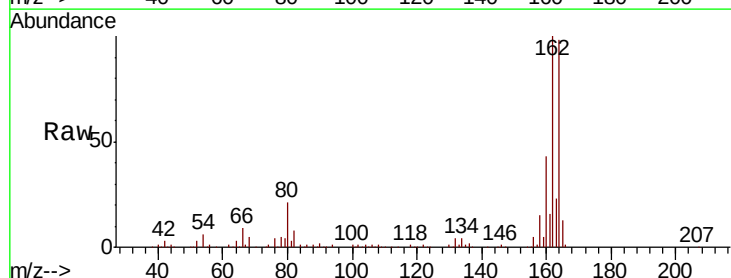


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

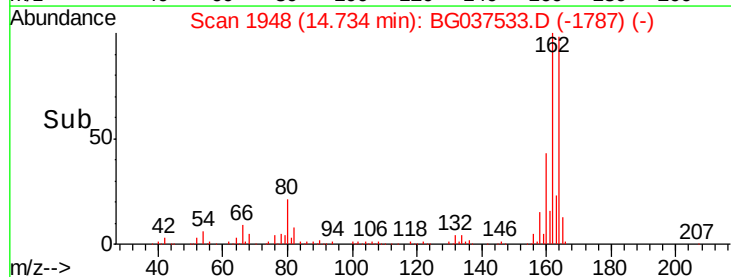
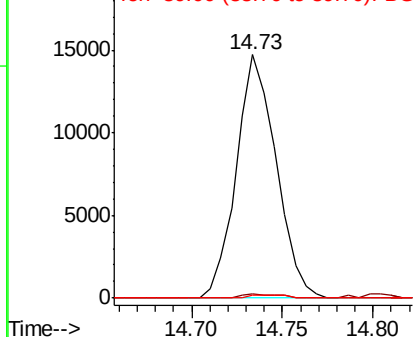


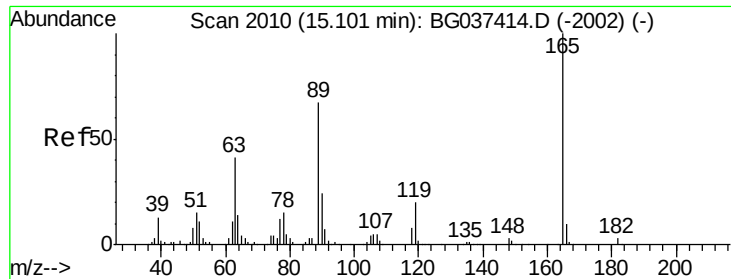
#51
2,6-Dinitrotoluene
Concen: 7.463 ng
RT: 14.73 min Scan# 1948
Delta R.T. 0.41 min
Lab File: BG037533.D
Acq: 25 Oct 2018 5:55

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	43.4	65.2#
89	1.1	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

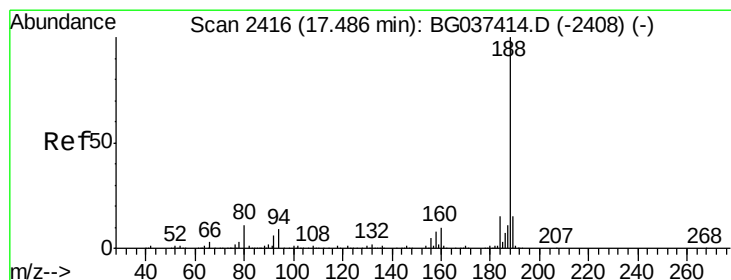
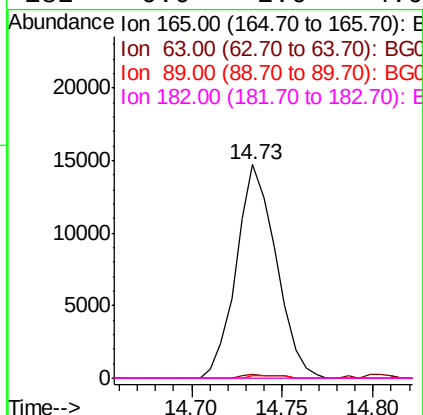
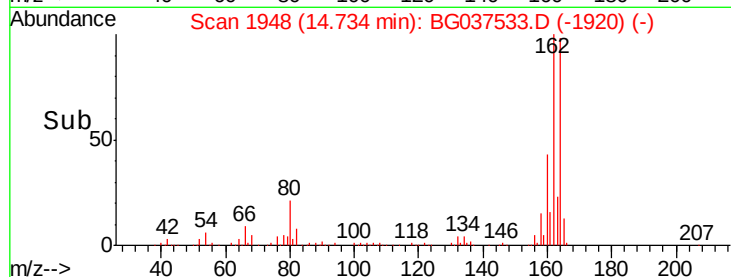
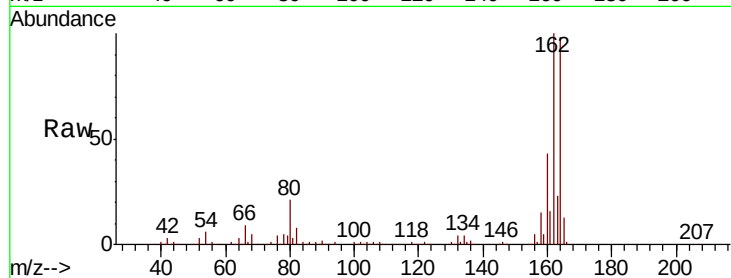




#57
 2,4-Dinitrotoluene
 Concen: 5.686 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.37 min
 Lab File: BG037533.D
 Acq: 25 Oct 2018 5:55

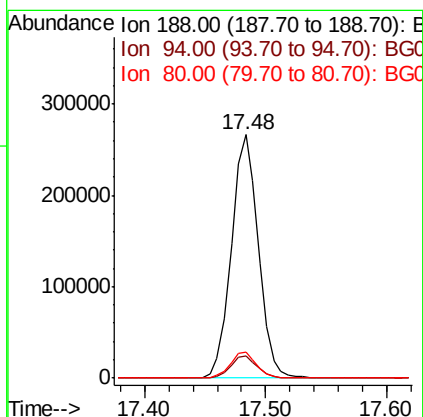
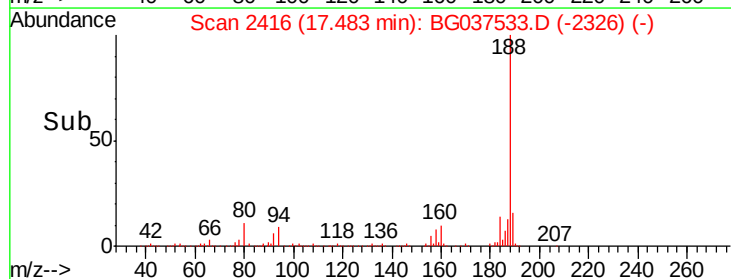
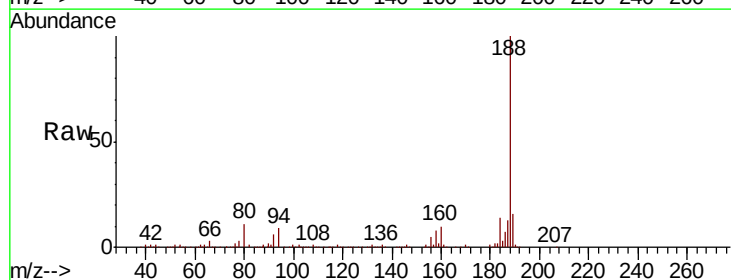
Instrument :
 BNA_G
 ClientSampleId :

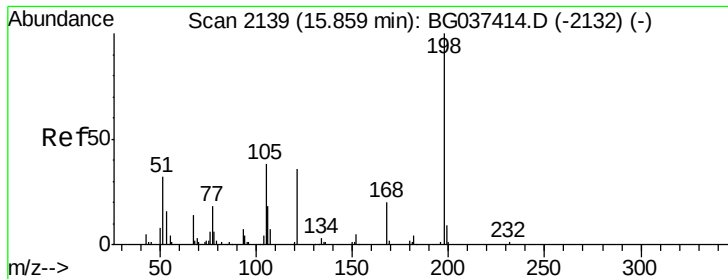
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	33.4	50.0#
89	1.1	57.2	85.8#
182	0.0	2.6	4.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2416
 Delta R.T. -0.00 min
 Lab File: BG037533.D
 Acq: 25 Oct 2018 5:55

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.2	10.8
80	10.6	7.7	11.5





#65

4,6-Dinitro-2-methylphenol

Concen: 8.679 ng

RT: 16.23 min Scan# 2202

Delta R.T. 0.37 min

Lab File: BG037533.D

Acq: 25 Oct 2018 5:55

Instrument :

BNA_G

ClientSampleId :

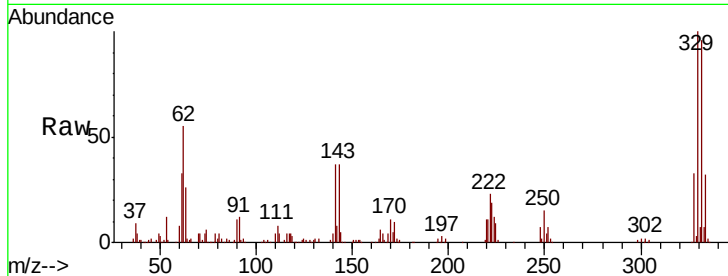
Tot Ion:198 Resp: 453

Ion Ratio Lower Upper

198 100

51 23.8 22.7 62.7

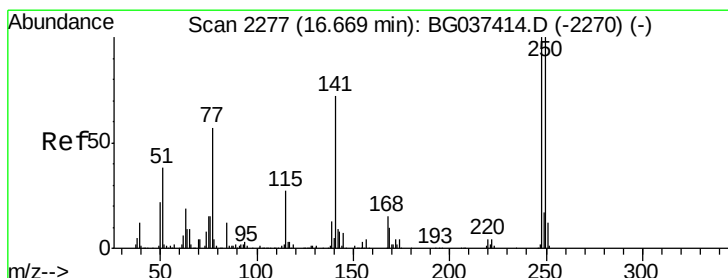
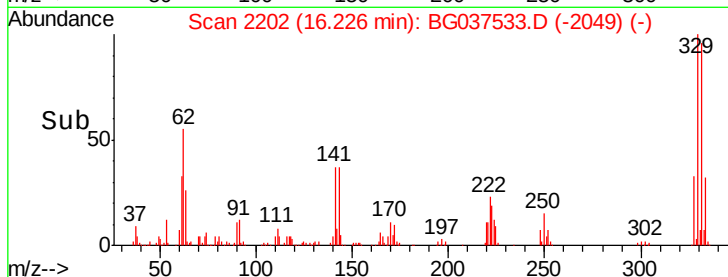
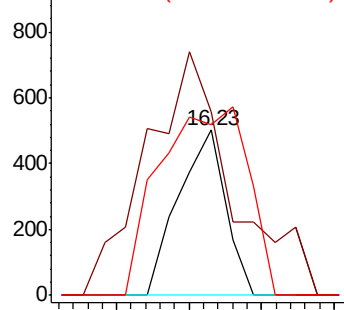
105 22.1 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG037414.D (-2132) (-)

Ion 105.00 (104.70 to 105.70): BG037414.D (-2132) (-)



#67

4-Bromophenyl-phenylether

Concen: 2.956 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.45 min

Lab File: BG037533.D

Acq: 25 Oct 2018 5:55

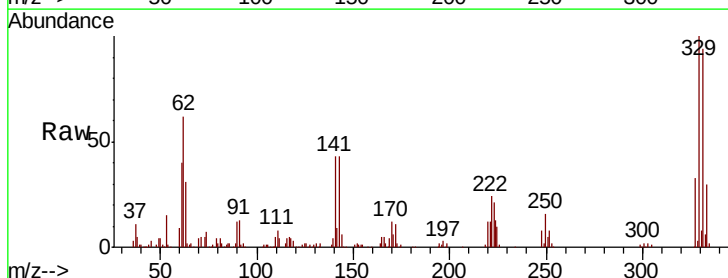
Tgt Ion:248 Resp: 13421

Ion Ratio Lower Upper

248 100

250 200.8 77.0 115.6#

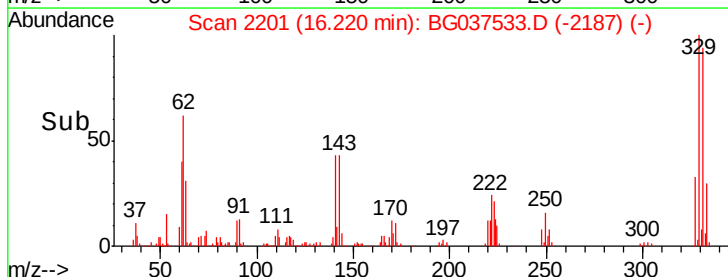
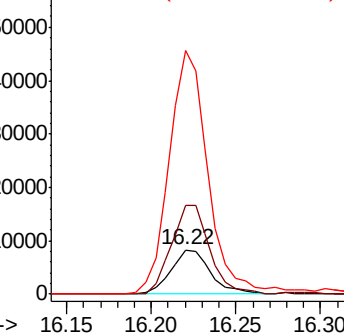
141 425.2 55.5 83.3#

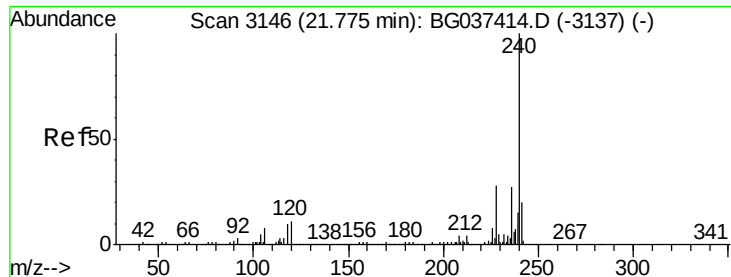


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): BG037414.D (-2270) (-)

Ion 141.00 (140.70 to 141.70): BG037414.D (-2270) (-)





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG037533.D

Acq: 25 Oct 2018 5:55

Instrument :

BNA_G

ClientSampled :

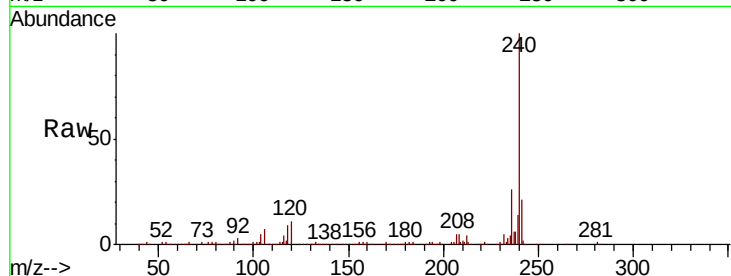
Tot Ion:240 Resp: 381478

Ion Ratio Lower Upper

240 100

120 10.7 8.1 12.1

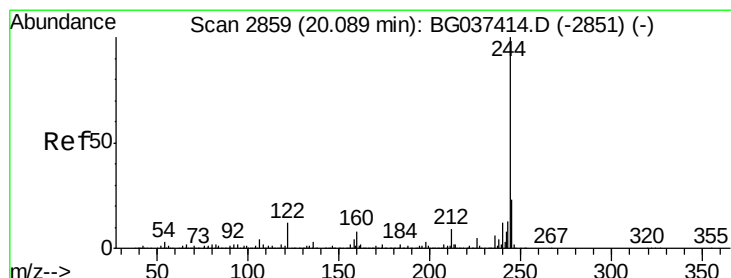
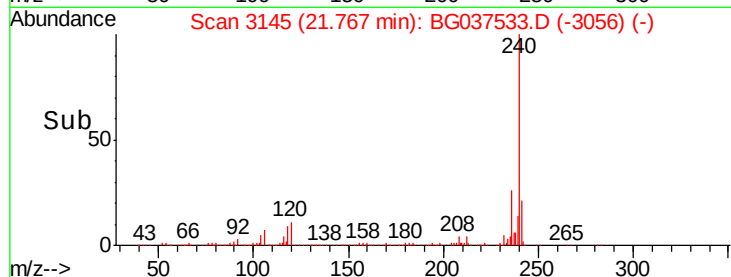
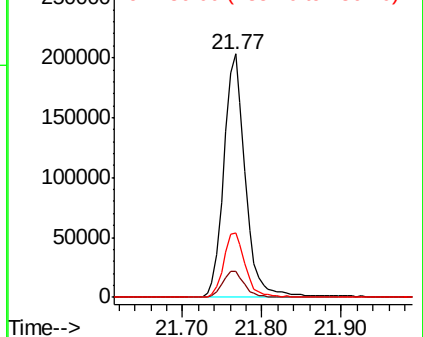
236 26.4 21.4 32.0



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: 77.896 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037533.D

Acq: 25 Oct 2018 5:55

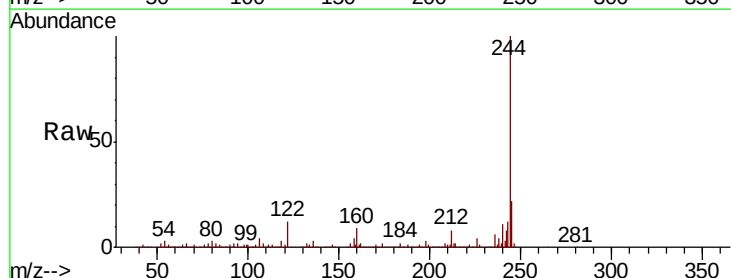
Tgt Ion:244 Resp: 1390674

Ion Ratio Lower Upper

244 100

212 8.5 6.5 9.7

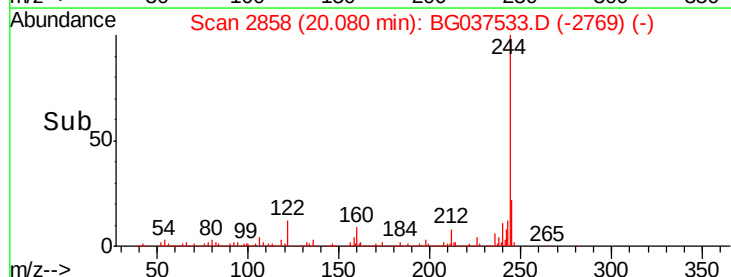
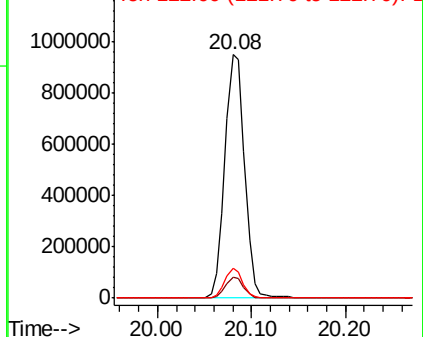
122 12.2 9.0 13.4

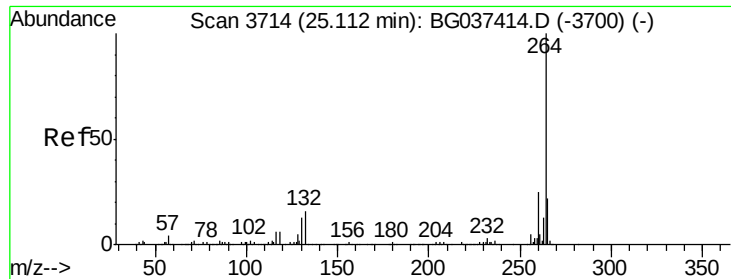


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG037533.D
Acq: 25 Oct 2018 5:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.2	27.4
265	24.1	17.9	26.9

