

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103018\
 Data File : BG037672.D
 Acq On : 31 Oct 2018 3:45
 Operator : JU/SJ
 Sample : J5697-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 31 09:24:54 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

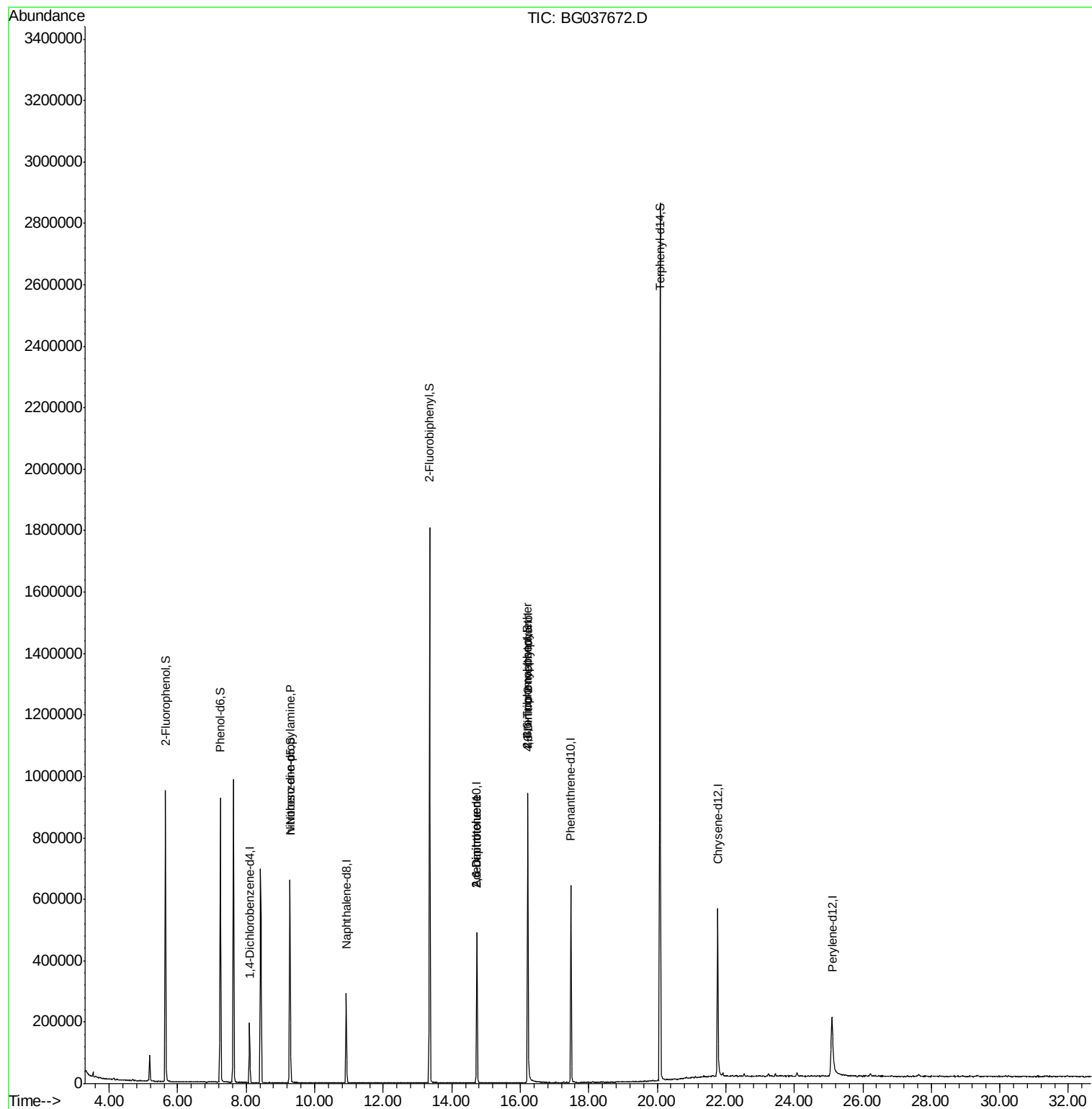
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	60071	20.00	ng	-0.01
21) Naphthalene-d8	10.92	136	266284	20.00	ng	-0.01
39) Acenaphthene-d10	14.74	164	177878	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	408906	20.00	ng	0.00
76) Chrysene-d12	21.76	240	367206	20.00	ng	-0.01
87) Perylene-d12	25.10	264	314299	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	432477	120.36	ng	0.00
7) Phenol-d6	7.25	99	577725	106.33	ng	0.00
23) Nitrobenzene-d5	9.28	82	414003	87.10	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	198065	102.09	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	959227	81.32	ng	-0.01
79) Terphenyl-d14	20.08	244	1449478	84.34	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.28	70	51676	13.812	ng	# 71
51) 2,6-Dinitrotoluene	14.74	165	22702	7.457	ng	# 24
57) 2,4-Dinitrotoluene	14.74	165	22702	5.681	ng	# 24
65) 4,6-Dinitro-2-methylphenol	16.23	198	453	8.681	ng	87
67) 4-Bromophenyl-phenylether	16.22	248	13854	3.085	ng	# 1

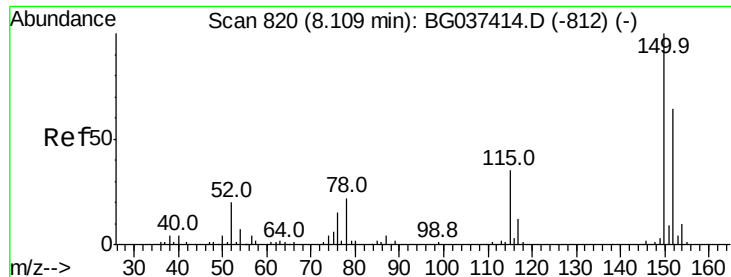
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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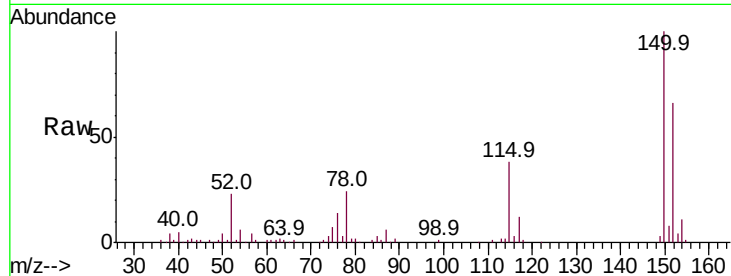




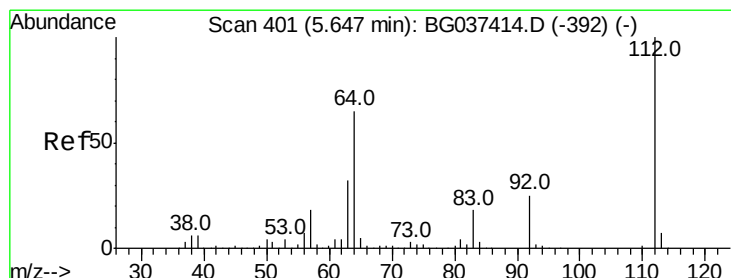
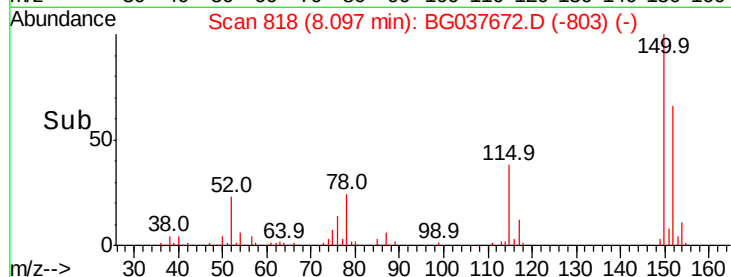
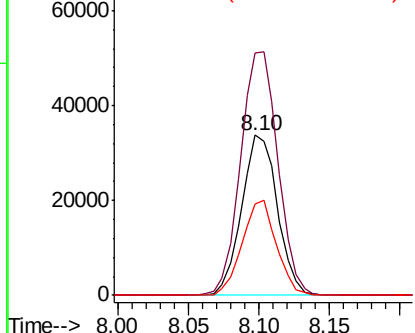
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.10 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BG037672.D
 Acq: 31 Oct 2018 3:45

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 60071
 Ion Ratio Lower Upper
 152 100
 150 150.8 126.0 189.0
 115 57.0 45.5 68.3

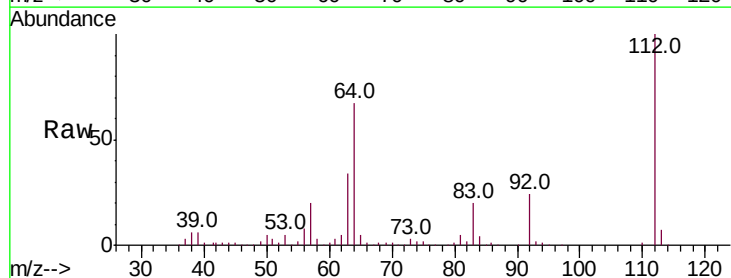


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

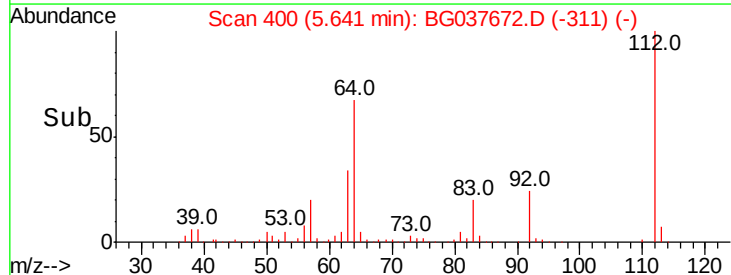
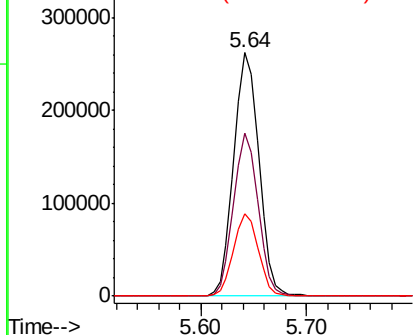


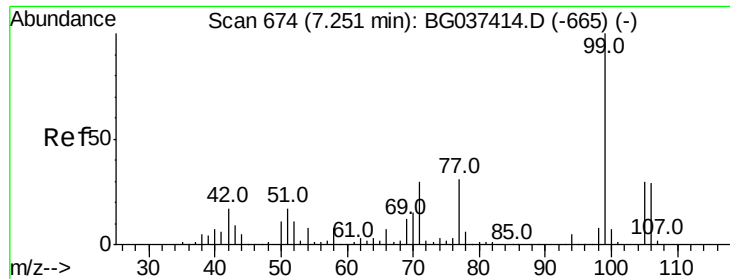
#5
 2-Fluorophenol
 Concen: 120.364 ng
 RT: 5.64 min Scan# 400
 Delta R.T. -0.01 min
 Lab File: BG037672.D
 Acq: 31 Oct 2018 3:45

Tgt Ion:112 Resp: 432477
 Ion Ratio Lower Upper
 112 100
 64 66.8 53.1 79.7
 63 33.7 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: 106.333 ng

RT: 7.25 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037672.D

Acq: 31 Oct 2018 3:45

Instrument :

BNA_G

ClientSampleId :

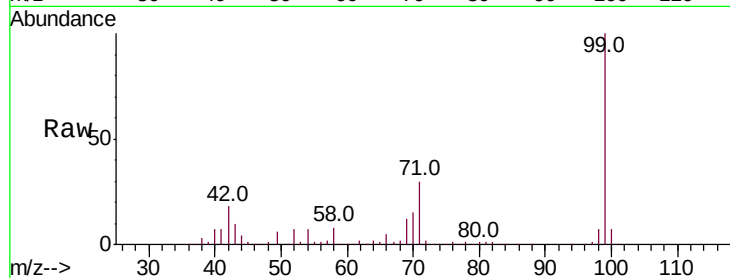
Tot Ion: 99 Resp: 577725

Ion Ratio Lower Upper

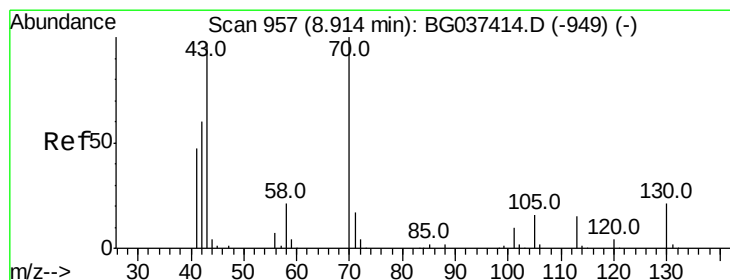
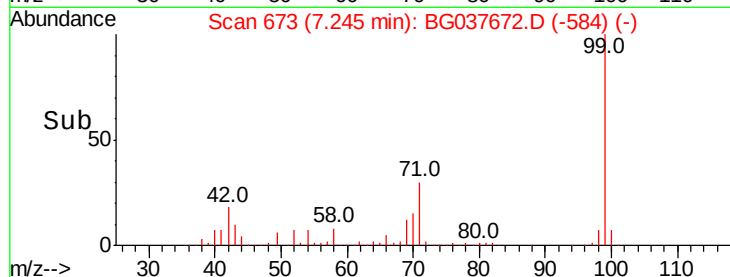
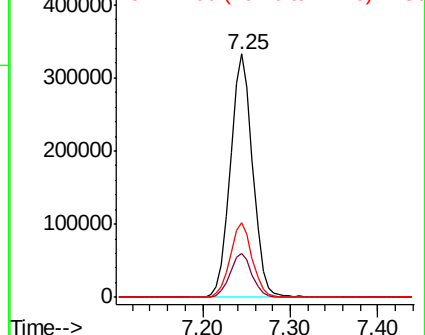
99 100

42 18.0 15.0 22.4

71 30.5 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: 13.812 ng

RT: 9.28 min Scan# 1019

Delta R.T. 0.36 min

Lab File: BG037672.D

Acq: 31 Oct 2018 3:45

Tgt Ion: 70 Resp: 51676

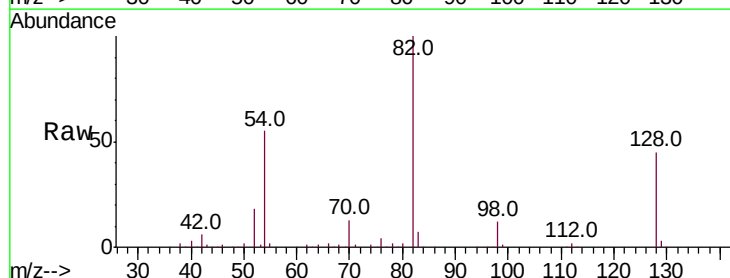
Ion Ratio Lower Upper

70 100

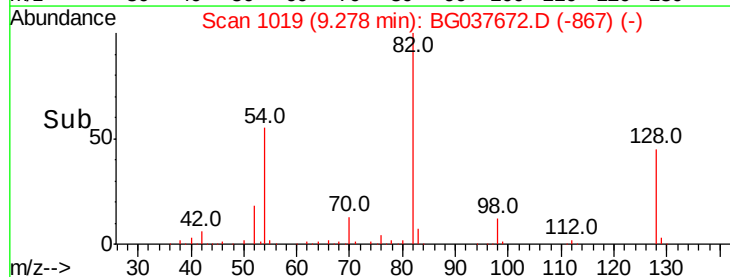
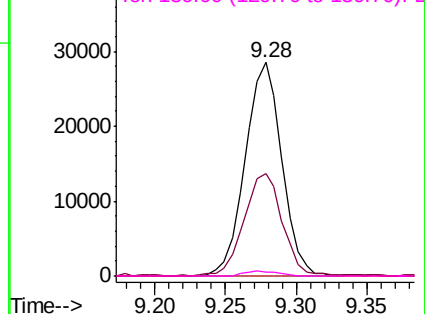
42 48.1 53.9 80.9#

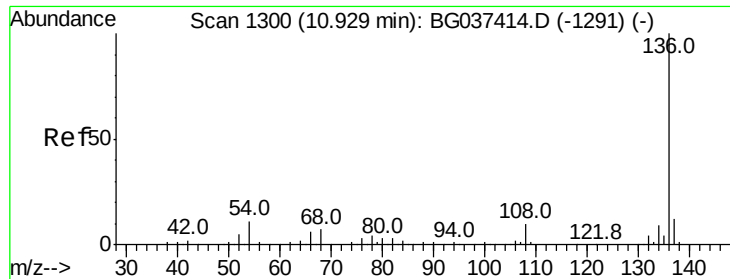
101 0.0 8.2 12.2#

130 1.6 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

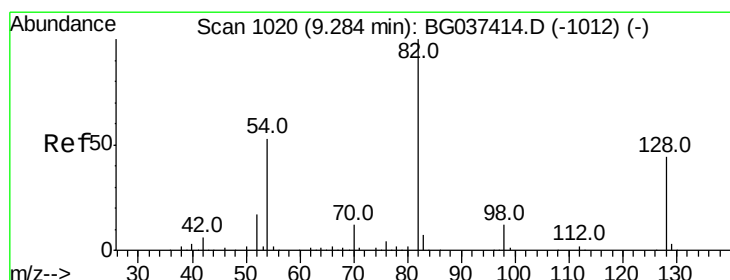
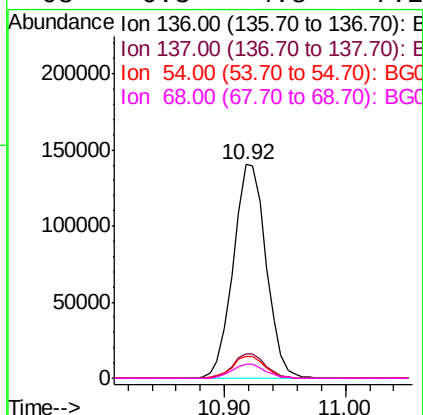
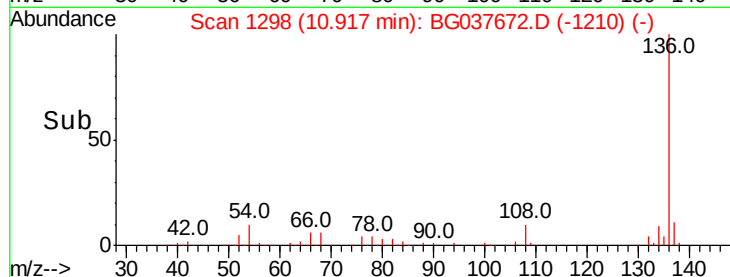
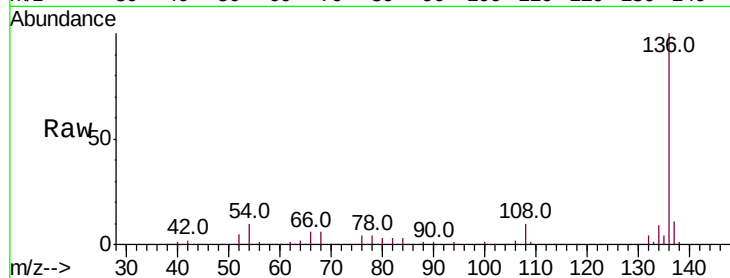




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG037672.D
Acq: 31 Oct 2018 3:45

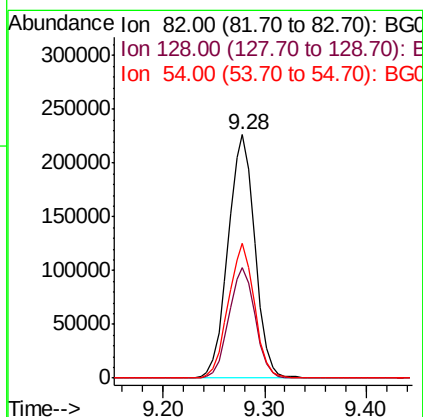
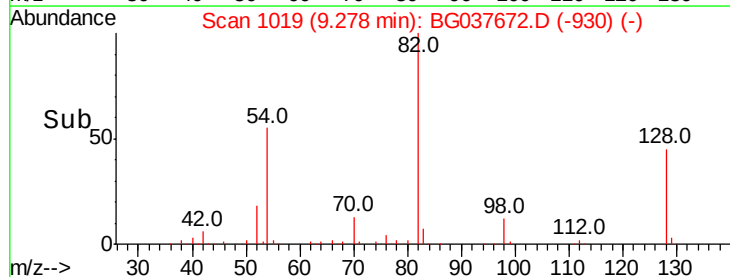
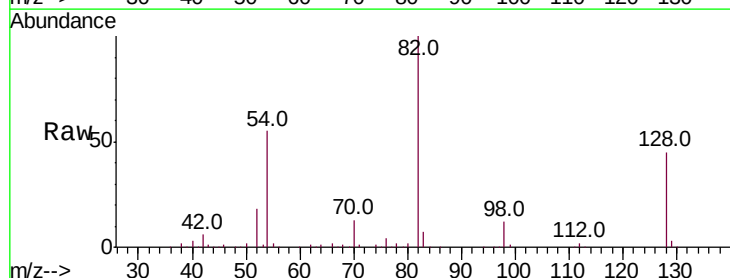
Instrument :
BNA_G
ClientSampleId :

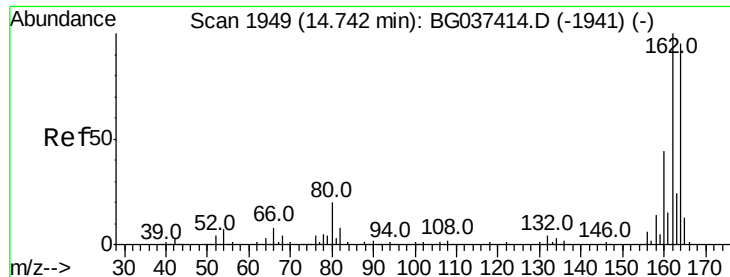
Tot Ion:	136	Resp:	266284
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.6	14.4
54	10.2	7.9	11.9
68	6.3	4.8	7.2



#23
Nitrobenzene-d5
Concen: 87.095 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037672.D
Acq: 31 Oct 2018 3:45

Tgt Ion:	82	Resp:	414003
Ion	Ratio	Lower	Upper
82	100		
128	45.4	34.6	51.8
54	55.2	45.3	67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG037672.D

Acq: 31 Oct 2018 3:45

Instrument :

BNA_G

ClientSampled :

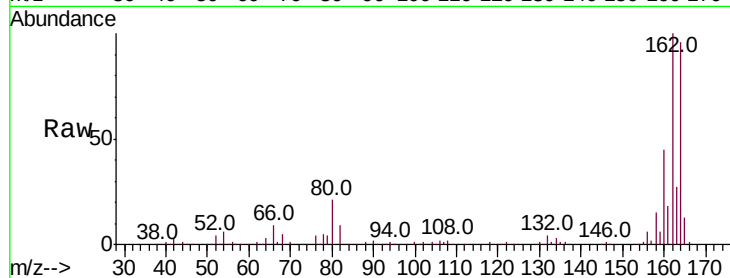
Tot Ion:164 Resp: 177878

Ion Ratio Lower Upper

164 100

162 103.9 81.3 121.9

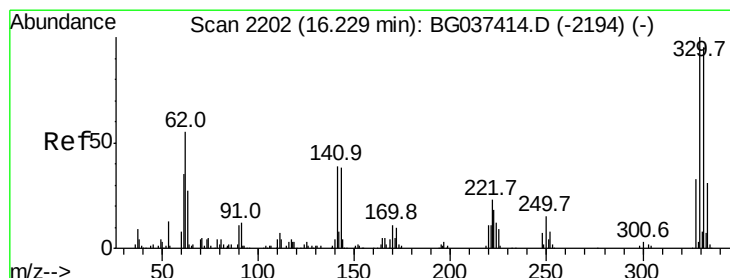
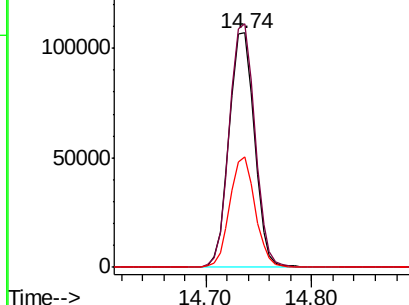
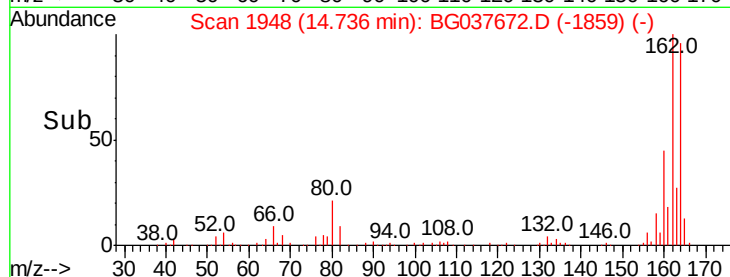
160 47.2 36.3 54.5



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: 102.090 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037672.D

Acq: 31 Oct 2018 3:45

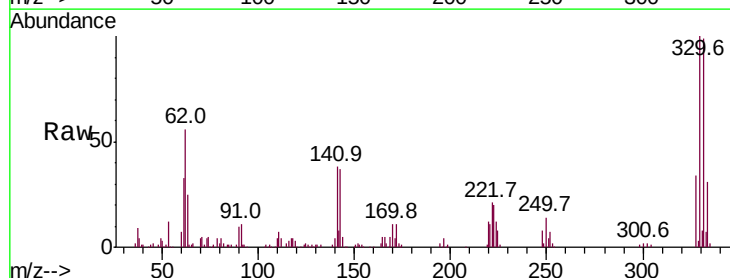
Tgt Ion:330 Resp: 198065

Ion Ratio Lower Upper

330 100

332 95.8 78.4 117.6

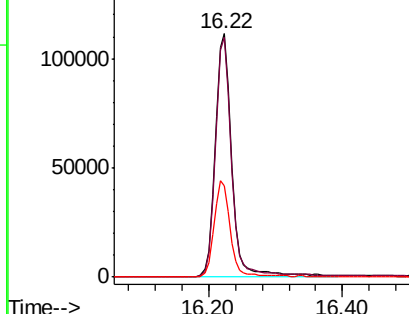
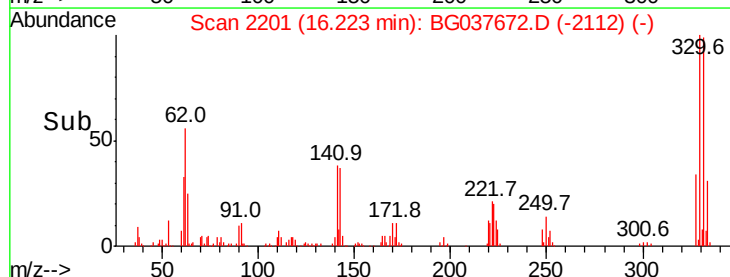
141 38.4 32.2 48.2

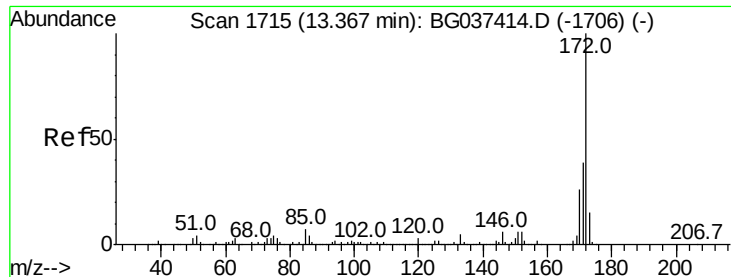


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

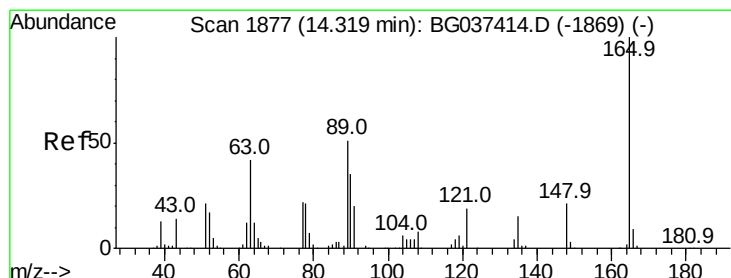
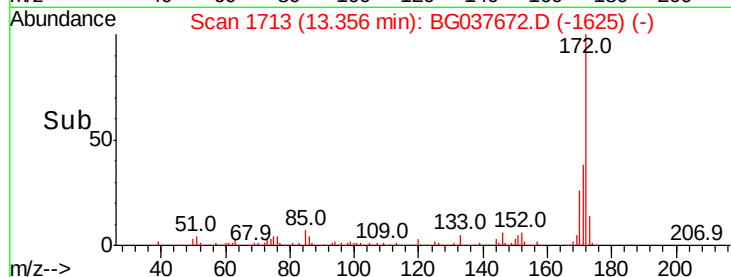
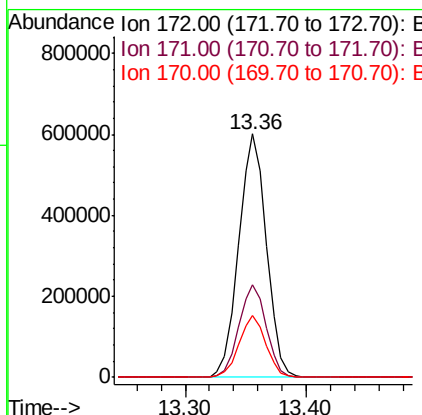
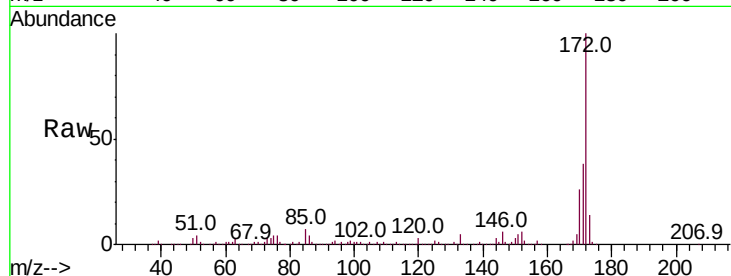




#45
2-Fluorobiphenyl
Concen: 81.318 ng
RT: 13.36 min Scan# 1713
Delta R.T. -0.01 min
Lab File: BG037672.D
Acq: 31 Oct 2018 3:45

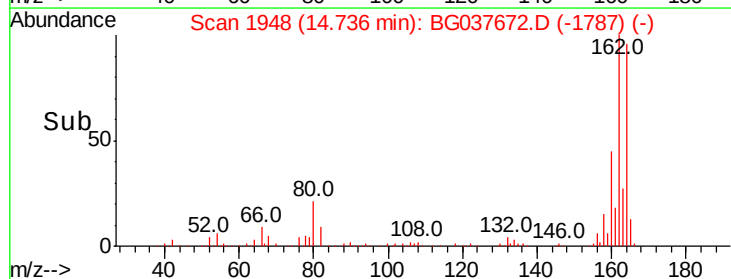
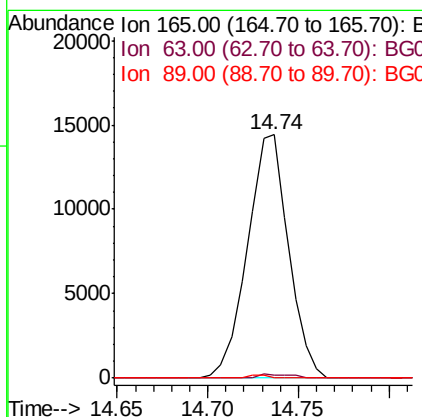
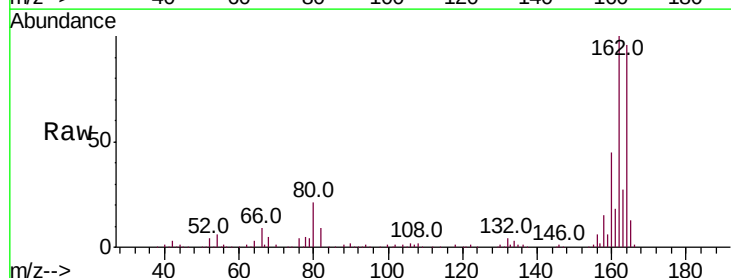
Instrument :
BNA_G
ClientSampleId :

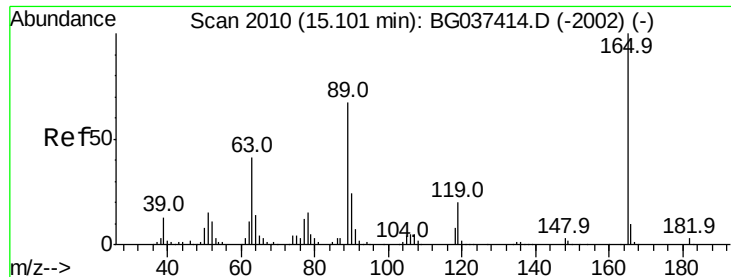
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.2	31.0	46.4
170	25.5	20.2	30.2



#51
2,6-Dinitrotoluene
Concen: 7.457 ng
RT: 14.74 min Scan# 1948
Delta R.T. 0.42 min
Lab File: BG037672.D
Acq: 31 Oct 2018 3:45

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	43.4	65.2#
89	0.0	45.8	68.6#

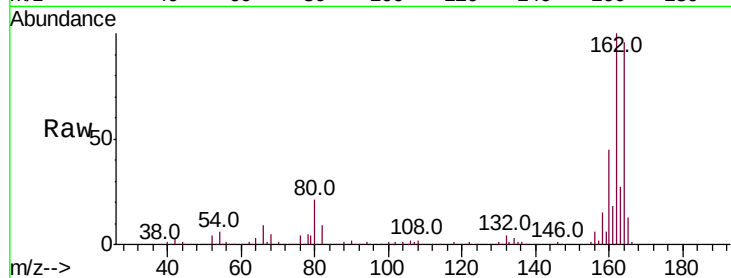




#57
 2,4-Dinitrotoluene
 Concen: 5.681 ng
 RT: 14.74 min Scan# 1948
 Delta R.T. -0.36 min
 Lab File: BG037672.D
 Acq: 31 Oct 2018 3:45

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	33.4	50.0#
89	0.0	57.2	85.8#
182	0.0	2.6	4.0#

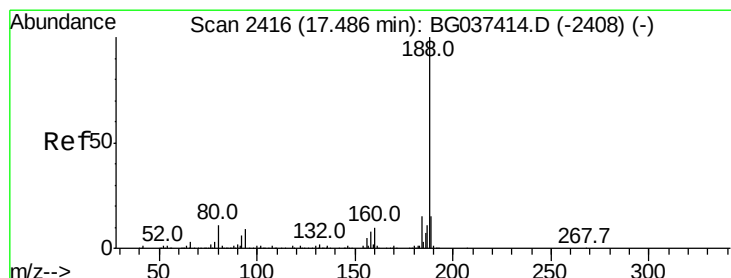
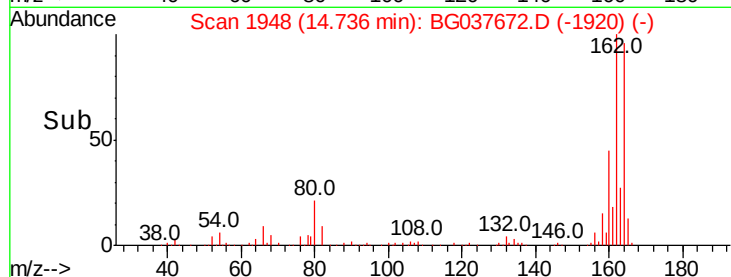
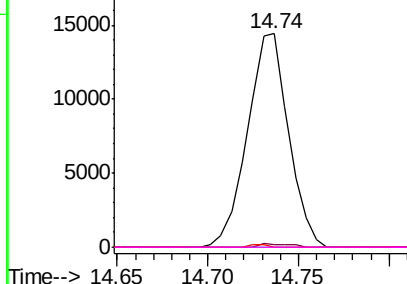


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

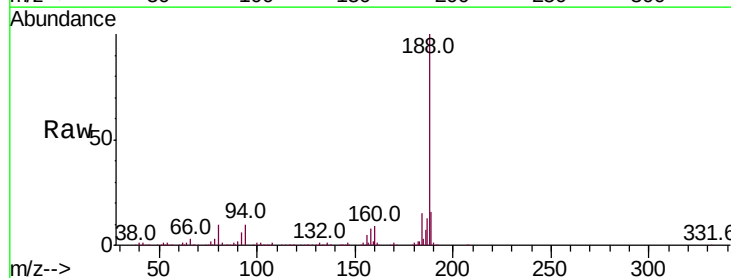
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2415
 Delta R.T. -0.01 min
 Lab File: BG037672.D
 Acq: 31 Oct 2018 3:45

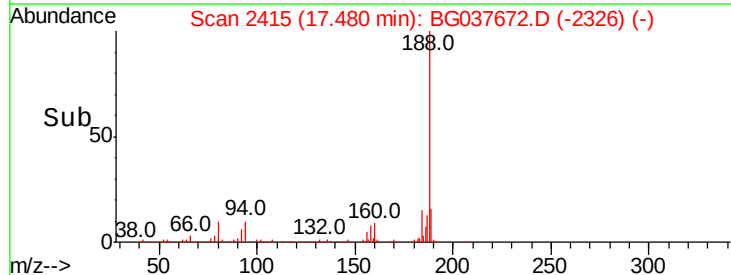
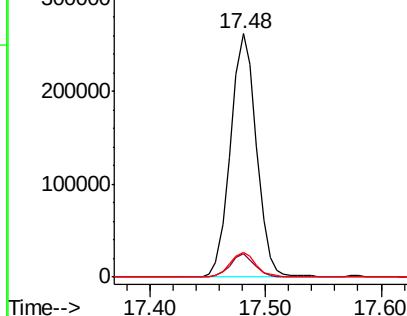
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.2	10.8
80	10.3	7.7	11.5

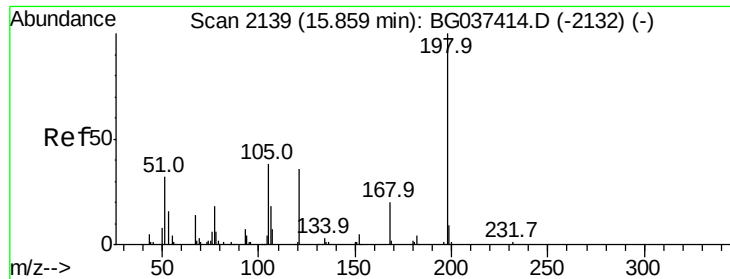


Abundance Ion 188.00 (187.70 to 188.70): E

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: 8.681 ng

RT: 16.23 min Scan# 2202

Delta R.T. 0.37 min

Lab File: BG037672.D

Acq: 31 Oct 2018 3:45

Instrument :

BNA_G

ClientSampleId :

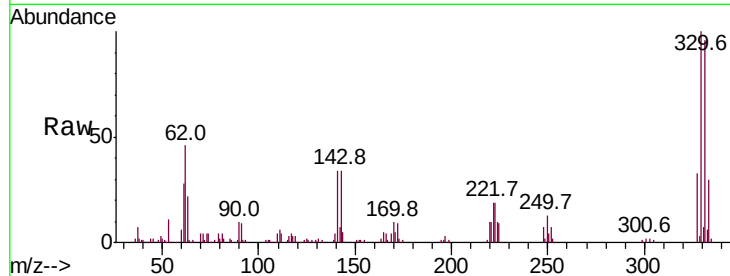
Tot Ion:198 Resp: 453

Ion Ratio Lower Upper

198 100

51 35.1 22.7 62.7

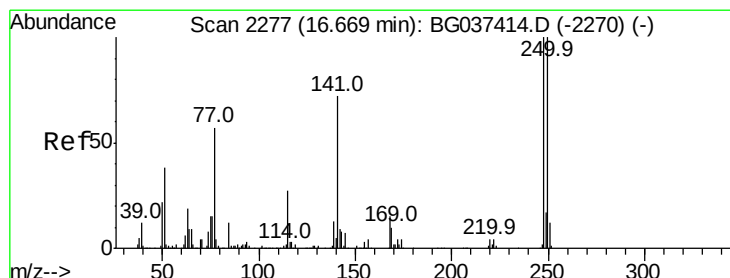
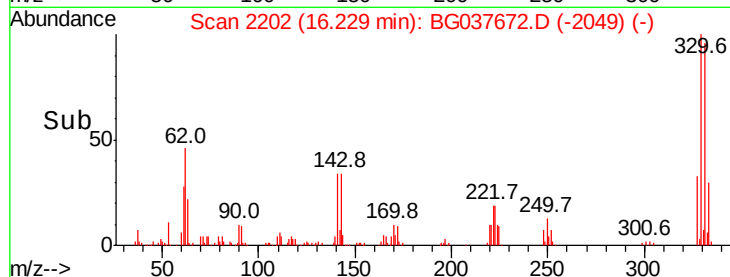
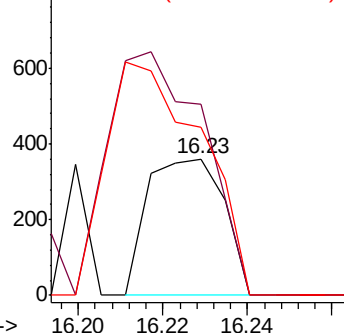
105 31.0 19.7 59.7



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: 3.085 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.45 min

Lab File: BG037672.D

Acq: 31 Oct 2018 3:45

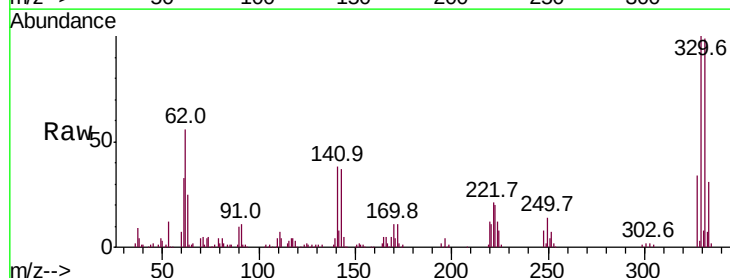
Tgt Ion:248 Resp: 13854

Ion Ratio Lower Upper

248 100

250 187.4 77.0 115.6#

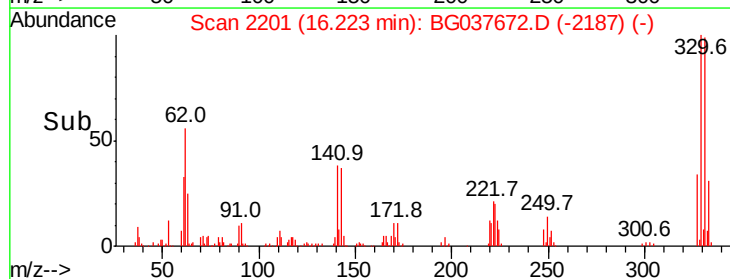
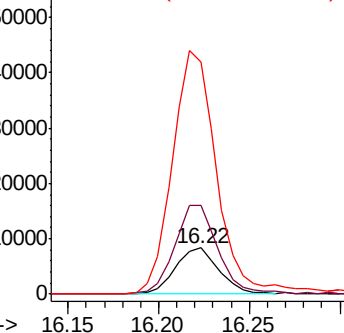
141 383.0 55.5 83.3#

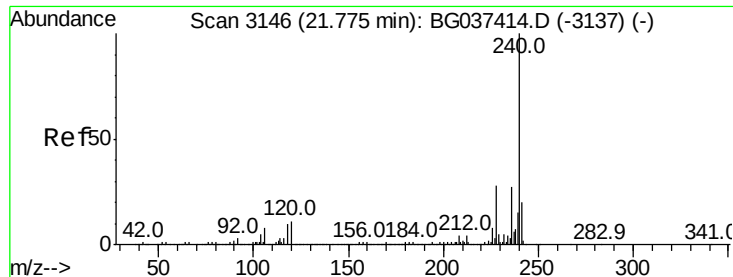


Abundance Ion 248.00 (247.70 to 248.70): E

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: 21.76 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG037672.D

Acq: 31 Oct 2018 3:45

Instrument :

BNA_G

ClientSampled :

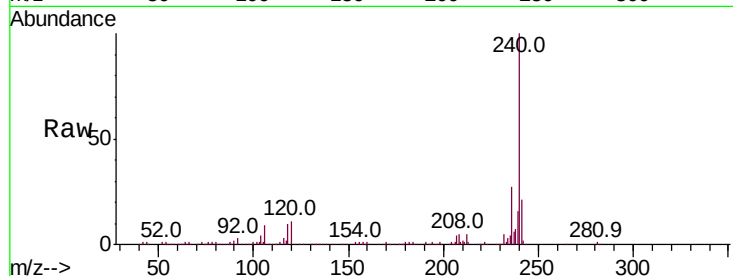
Tot Ion:240 Resp: 367206

Ion Ratio Lower Upper

240 100

120 10.6 8.1 12.1

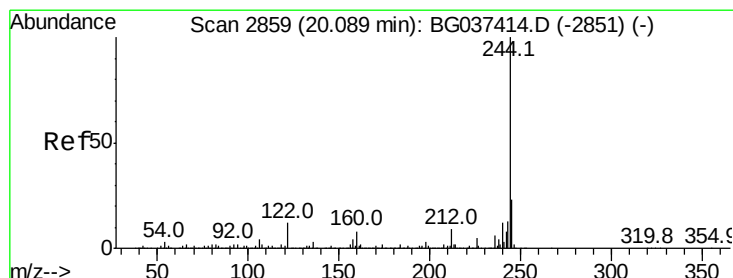
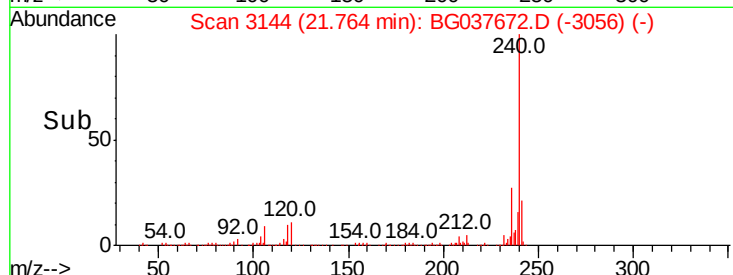
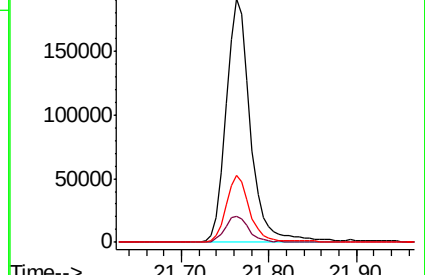
236 27.5 21.4 32.0



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: 84.345 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037672.D

Acq: 31 Oct 2018 3:45

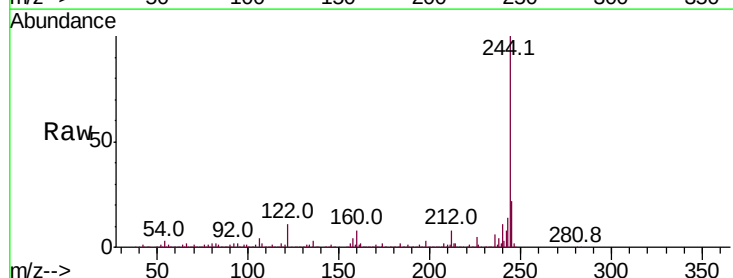
Tgt Ion:244 Resp: 1449478

Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

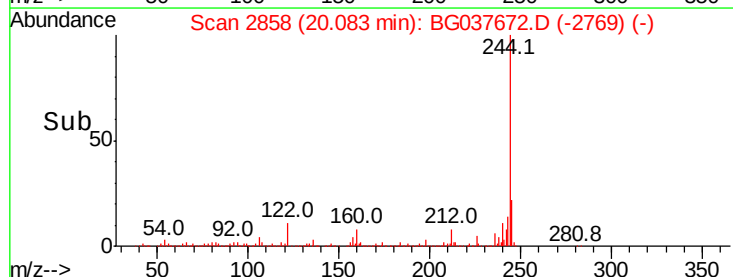
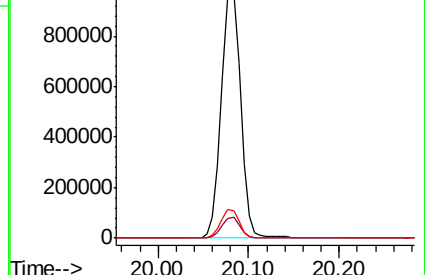
122 11.3 9.0 13.4

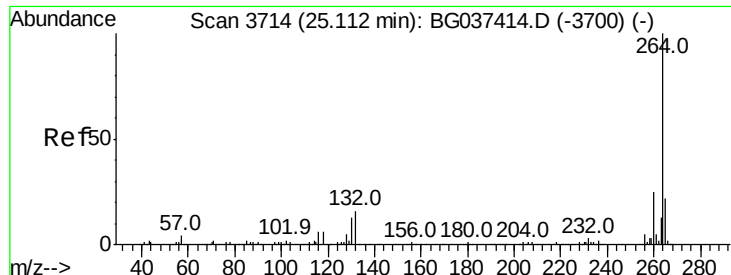


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

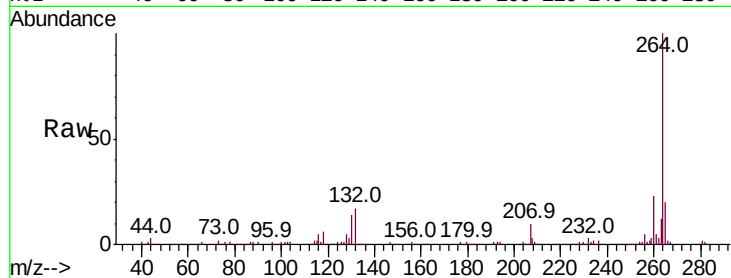




#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3712
Delta R.T. -0.01 min
Lab File: BG037672.D
Acq: 31 Oct 2018 3:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	264	Resp:	314299
Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.2	27.4
265	19.9	17.9	26.9



Abundance Ion 264.00 (263.70 to 264.70): E
100000 Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

