

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103118\
 Data File : BG037691.D
 Acq On : 31 Oct 2018 19:35
 Operator : JU/SJ
 Sample : J5199-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 01 07:03:29 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

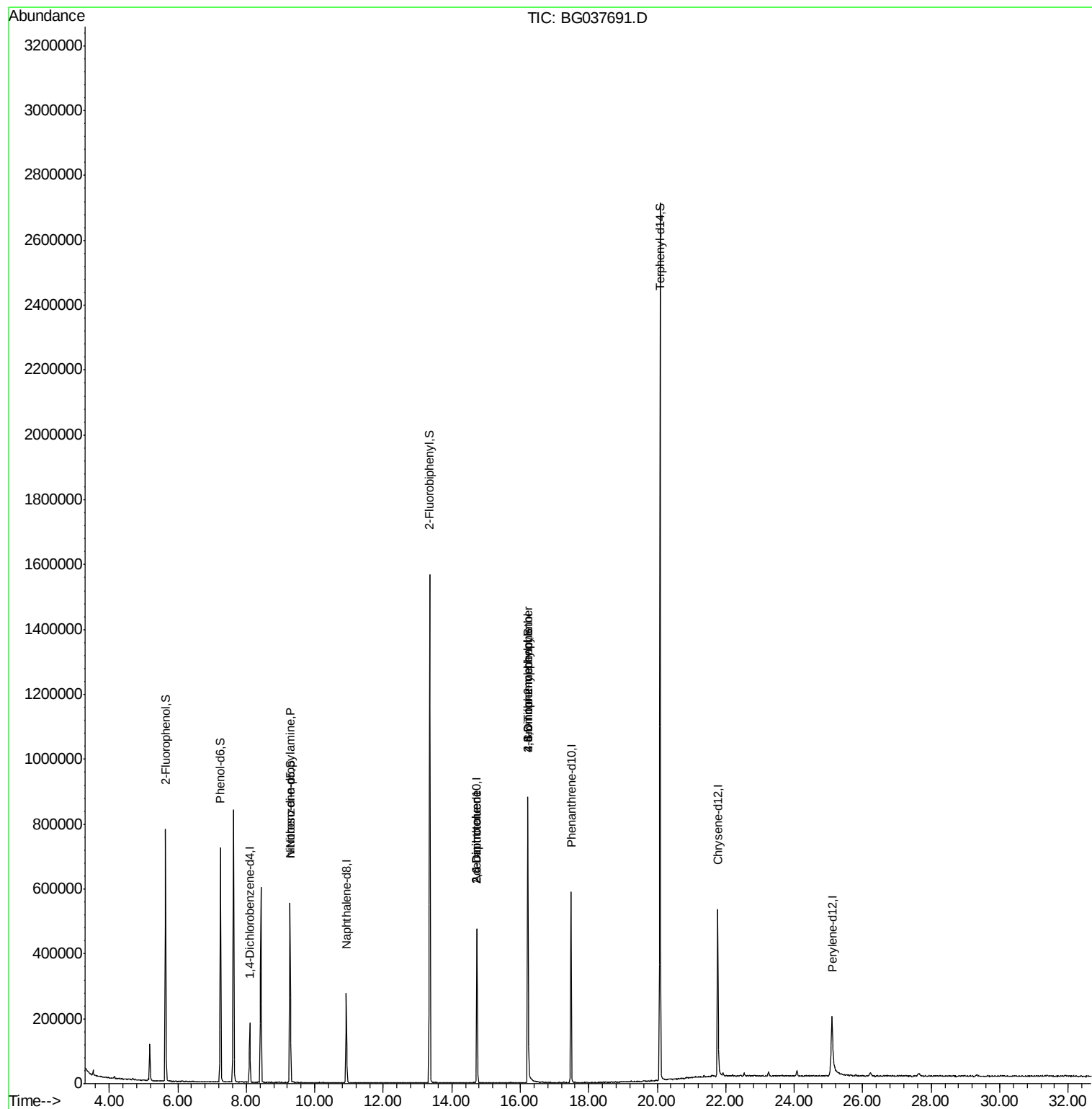
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	55133	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	242162	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	166643	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	387992	20.00	ng	0.00
76) Chrysene-d12	21.77	240	354852	20.00	ng	0.00
87) Perylene-d12	25.10	264	300641	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	358291	108.65	ng	0.00
7) Phenol-d6	7.24	99	475083	95.27	ng	0.00
23) Nitrobenzene-d5	9.27	82	356347	82.43	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	181562	99.89	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	854782	77.35	ng	0.00
79) Terphenyl-d14	20.08	244	1315308	79.20	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.27	70	44993	13.103	ng	# 66
51) 2,6-Dinitrotoluene	14.73	165	21930	7.690	ng	# 24
57) 2,4-Dinitrotoluene	14.73	165	21930	5.858	ng	# 24
65) 4,6-Dinitro-2-methylphenol	16.22	198	380	8.661	ng	82
67) 4-Bromophenyl-phenylether	16.22	248	12343	2.897	ng	# 1

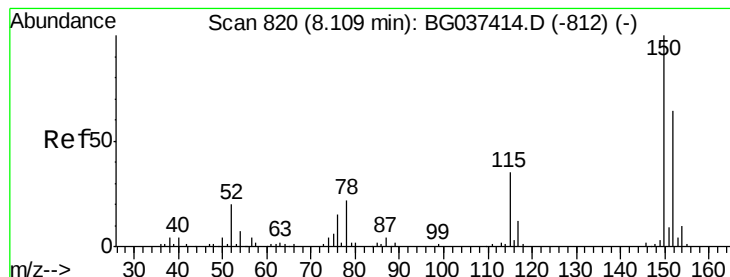
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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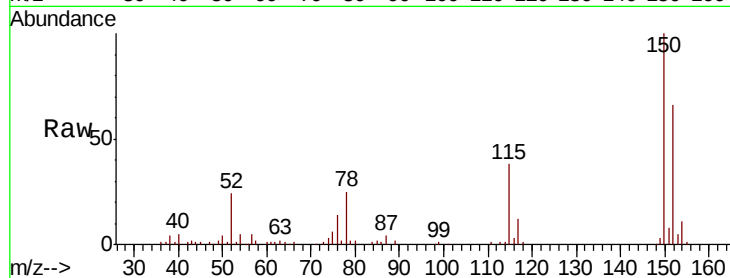


#1

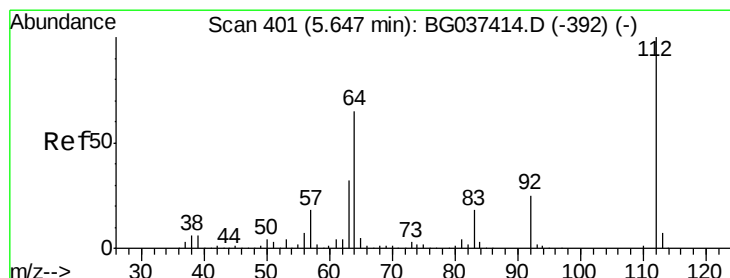
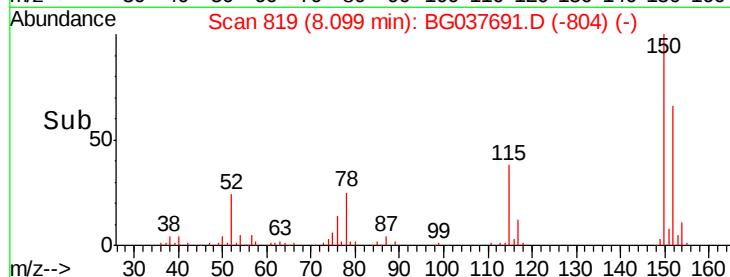
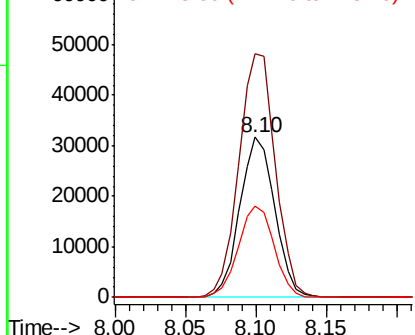
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037691.D
Acq: 31 Oct 2018 19:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 55133
Ion Ratio Lower Upper
152 100
150 152.3 126.0 189.0
115 57.1 45.5 68.3



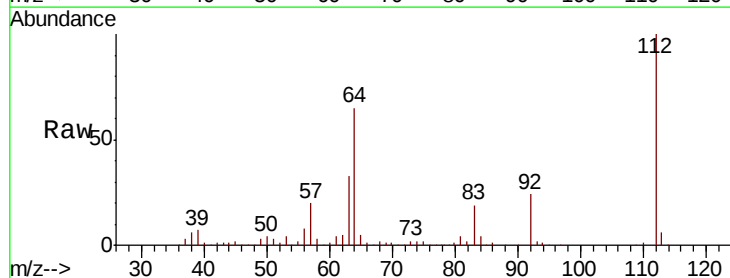
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



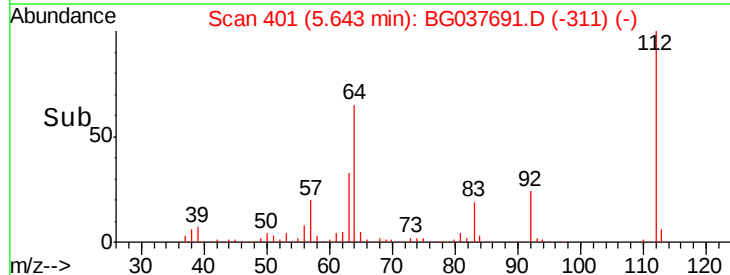
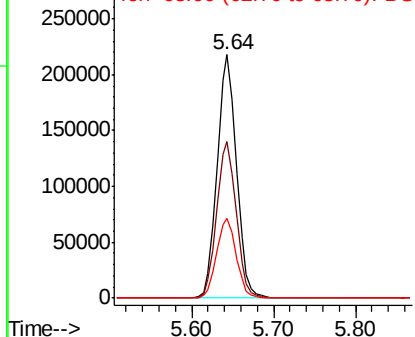
#5

2-Fluorophenol
Concen: 108.648 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037691.D
Acq: 31 Oct 2018 19:35

Tgt Ion:112 Resp: 358291
Ion Ratio Lower Upper
112 100
64 64.5 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: 95.273 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037691.D

Acq: 31 Oct 2018 19:35

Instrument :

BNA_G

ClientSampleId :

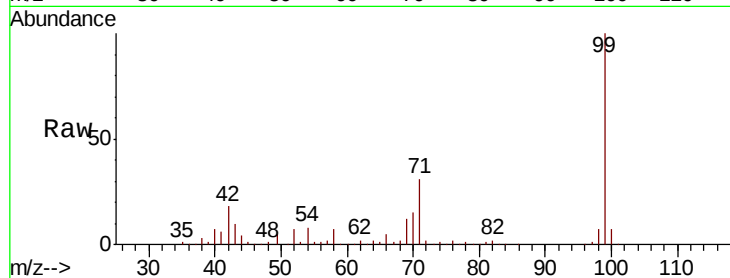
Tot Ion: 99 Resp: 475083

Ion Ratio Lower Upper

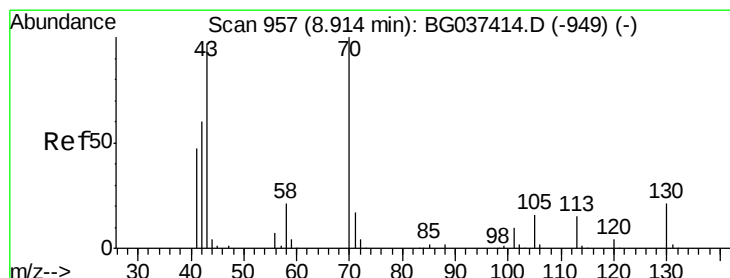
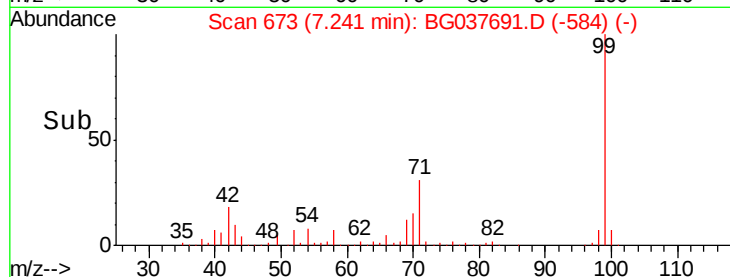
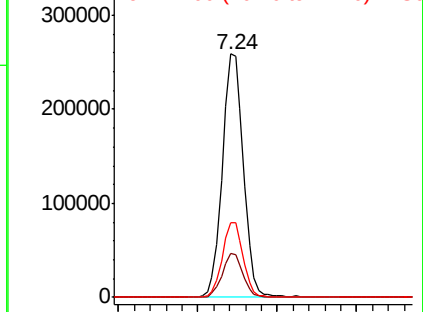
99 100

42 18.1 15.0 22.4

71 30.9 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: 13.103 ng

RT: 9.27 min Scan# 1019

Delta R.T. 0.36 min

Lab File: BG037691.D

Acq: 31 Oct 2018 19:35

Tgt Ion: 70 Resp: 44993

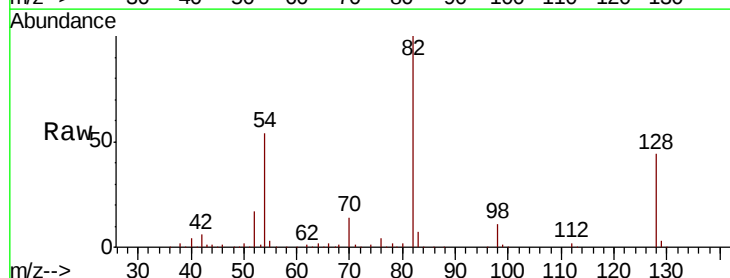
Ion Ratio Lower Upper

70 100

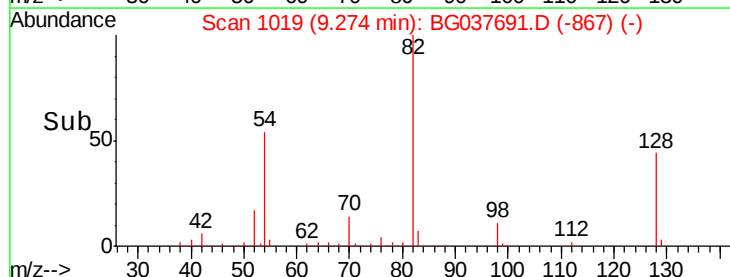
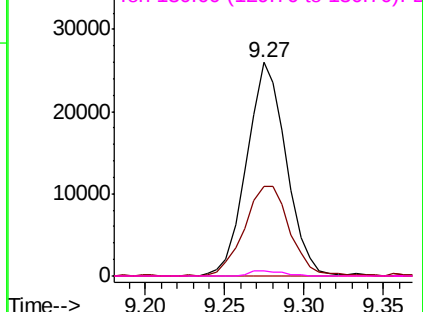
42 42.0 53.9 80.9#

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

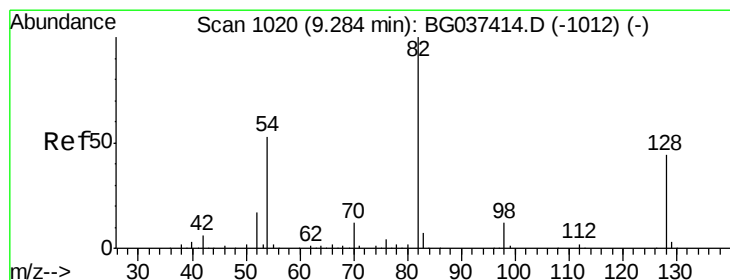
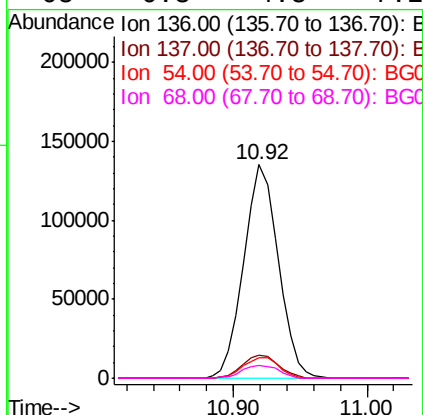
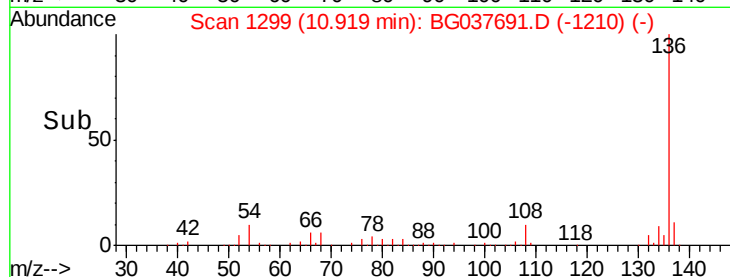
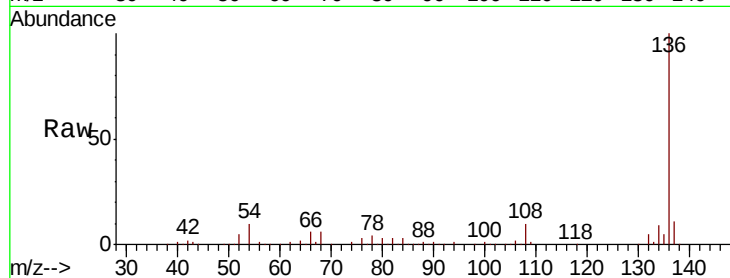




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037691.D
Acq: 31 Oct 2018 19:35

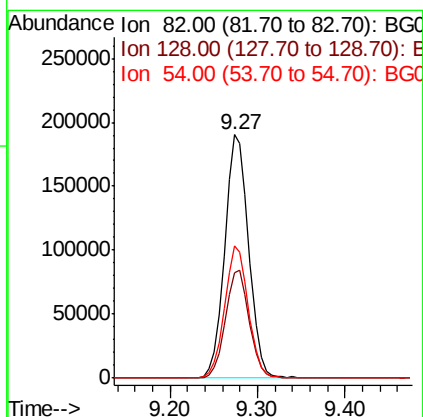
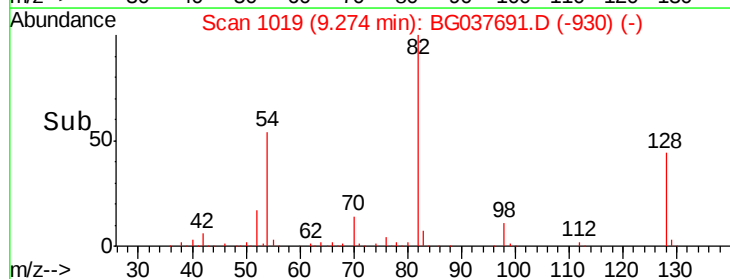
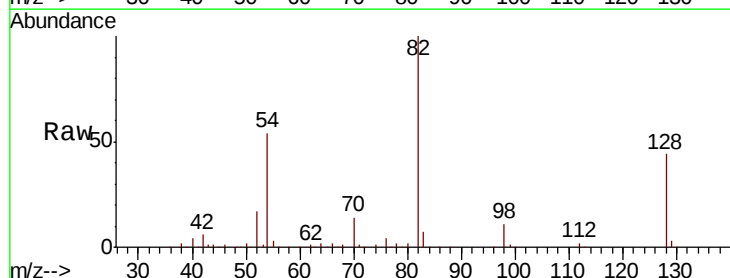
Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	242162
Ion Ratio	Lower	Upper
136	100	
137	10.7	9.6 14.4
54	9.8	7.9 11.9
68	6.3	4.8 7.2



#23
Nitrobenzene-d5
Concen: 82.433 ng
RT: 9.27 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037691.D
Acq: 31 Oct 2018 19:35

Tgt Ion: 82	Resp:	356347
Ion Ratio	Lower	Upper
82	100	
128	43.5	34.6 51.8
54	54.1	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: BG037691.D

Acq: 31 Oct 2018 19:35

Instrument :

BNA_G

ClientSampled :

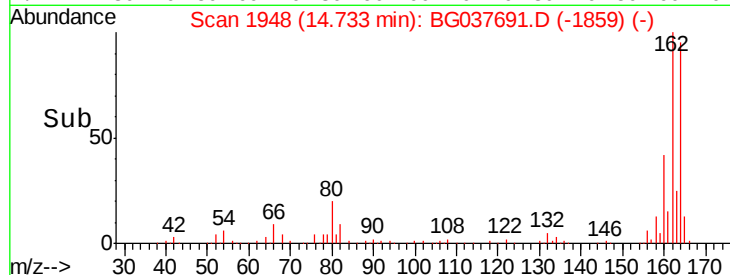
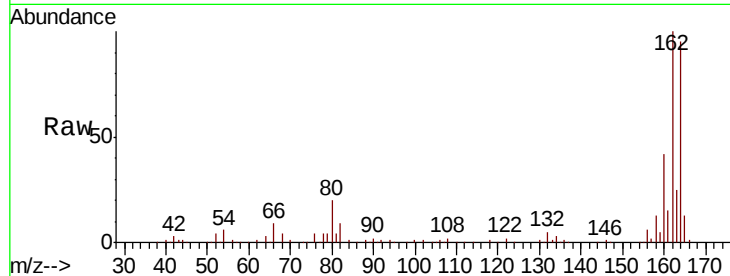
Tot Ion:164 Resp: 166643

Ion Ratio Lower Upper

164 100

162 105.2 81.3 121.9

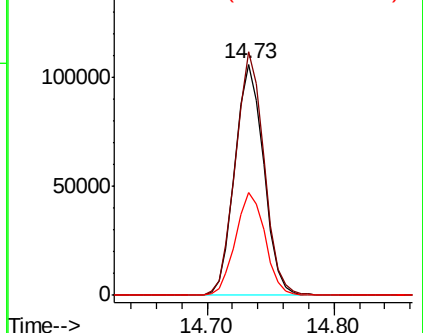
160 44.2 36.3 54.5



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: 99.893 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037691.D

Acq: 31 Oct 2018 19:35

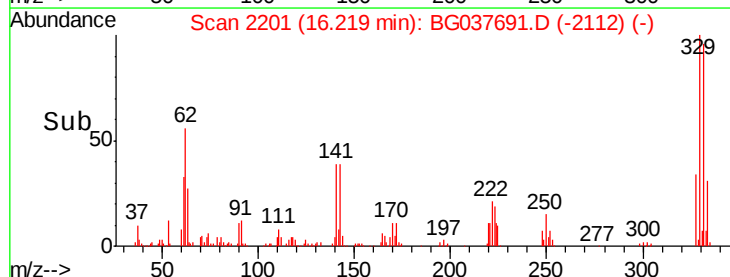
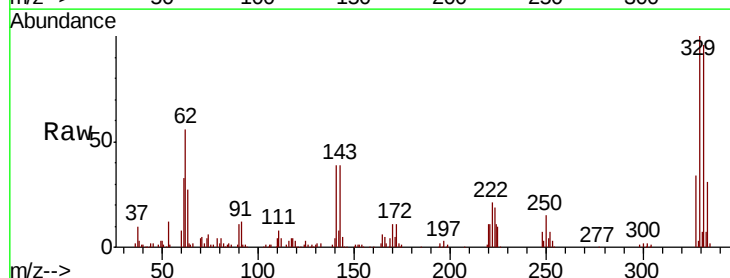
Tgt Ion:330 Resp: 181562

Ion Ratio Lower Upper

330 100

332 95.7 78.4 117.6

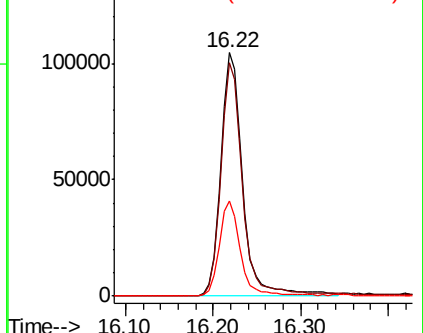
141 37.5 32.2 48.2



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

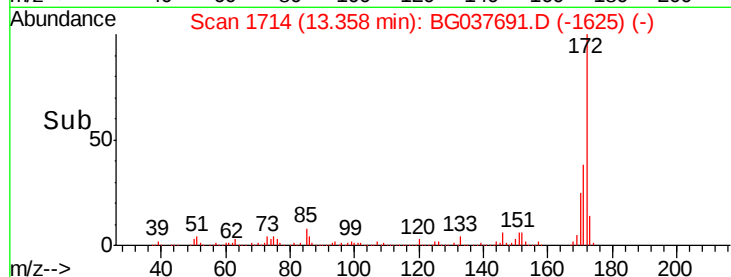
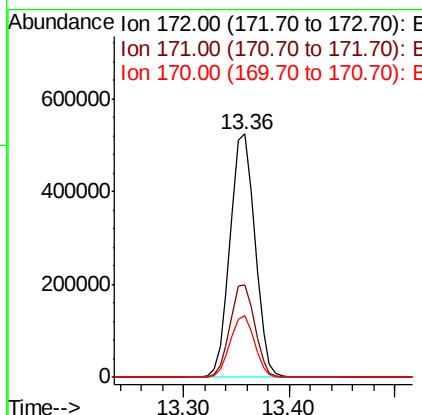
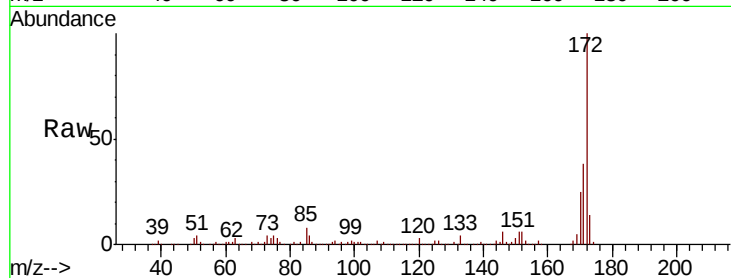




#45
 2-Fluorobiphenyl
 Concen: 77.349 ng
 RT: 13.36 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG037691.D
 Acq: 31 Oct 2018 19:35

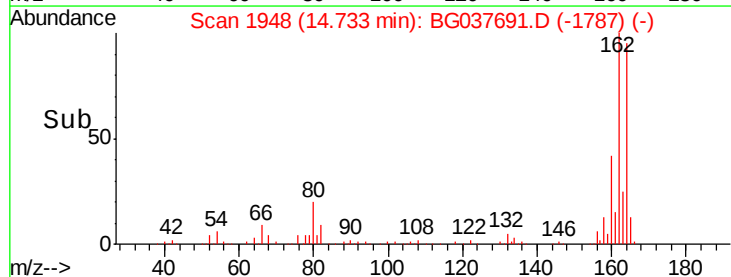
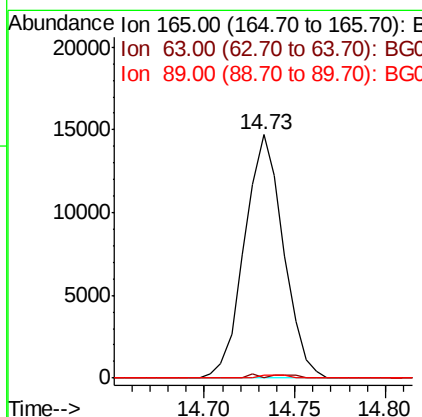
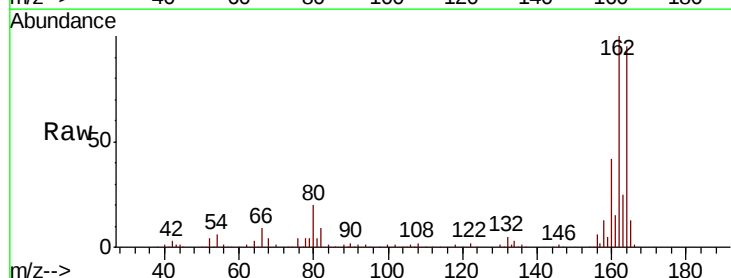
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.0	31.0	46.4
170	25.4	20.2	30.2



#51
 2,6-Dinitrotoluene
 Concen: 7.690 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. 0.41 min
 Lab File: BG037691.D
 Acq: 31 Oct 2018 19:35

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.4	65.2#
89	1.3	45.8	68.6#

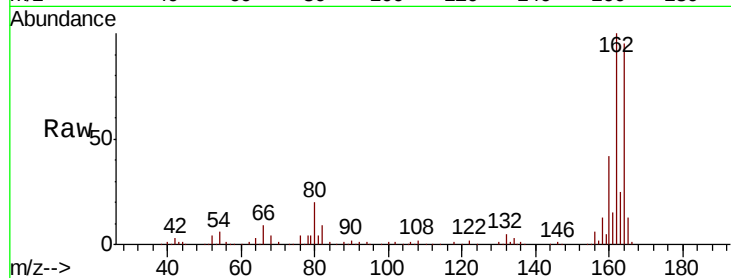




#57
 2,4-Dinitrotoluene
 Concen: 5.858 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.37 min
 Lab File: BG037691.D
 Acq: 31 Oct 2018 19:35

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	1.3	57.2	85.8#
182	0.0	2.6	4.0#



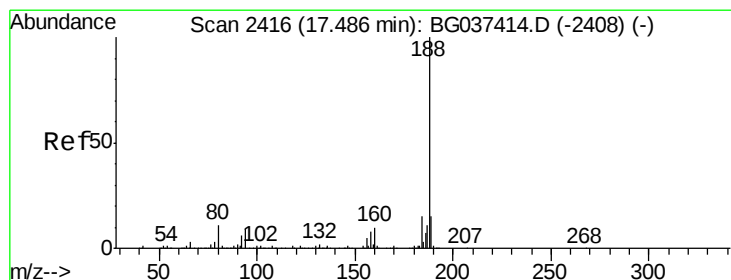
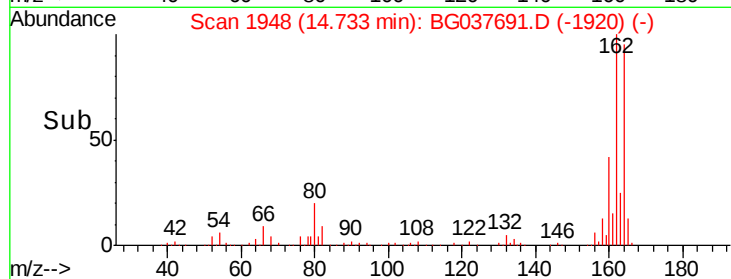
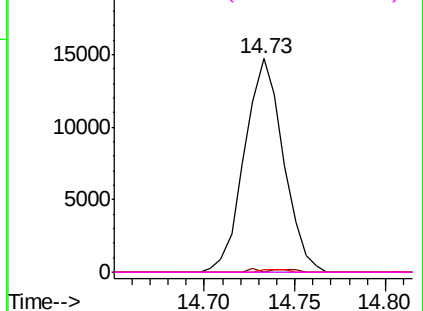
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

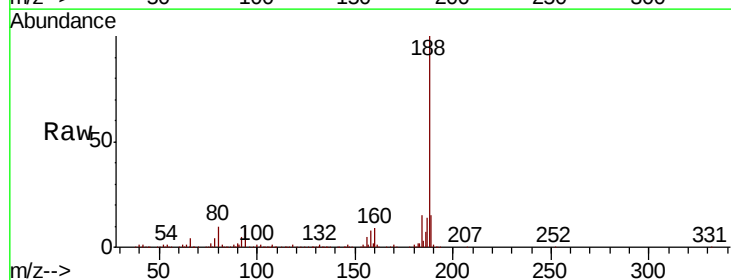
Ion 89.00 (88.70 to 89.70): BGC

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: BG037691.D
 Acq: 31 Oct 2018 19:35

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.2	10.8
80	9.8	7.7	11.5

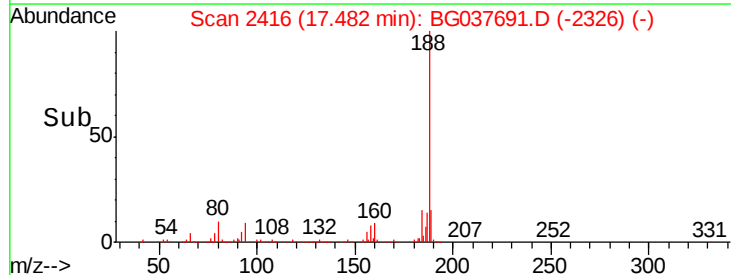
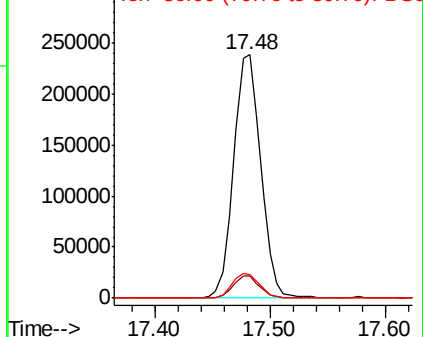


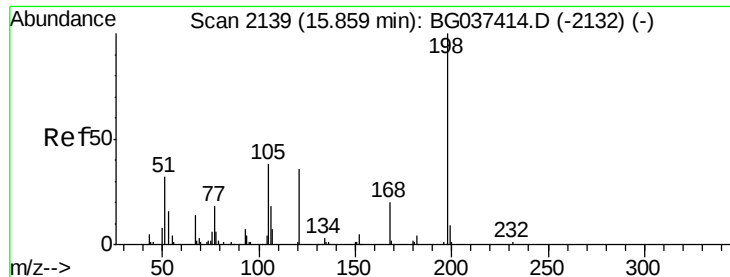
Abundance

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: 8.661 ng

RT: 16.22 min Scan# 2201

Delta R.T. 0.36 min

Lab File: BG037691.D

Acq: 31 Oct 2018 19:35

Instrument :

BNA_G

ClientSampleId :

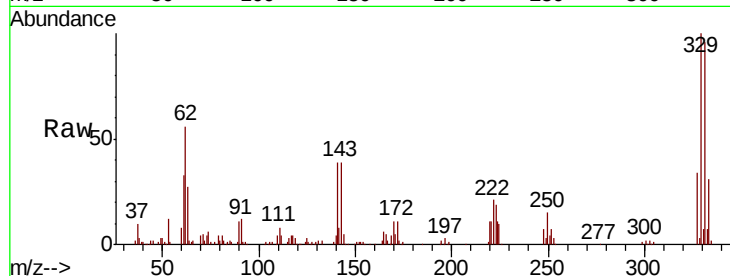
Tot Ion:198 Resp: 380

Ion Ratio Lower Upper

198 100

51 30.6 22.7 62.7

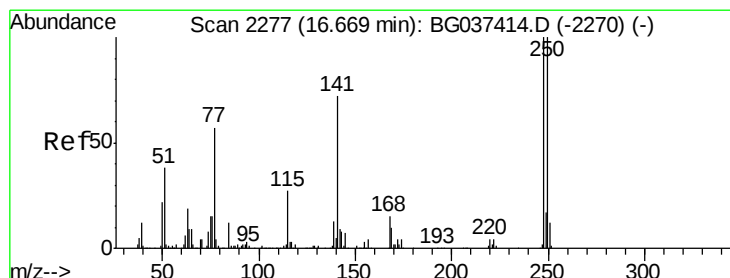
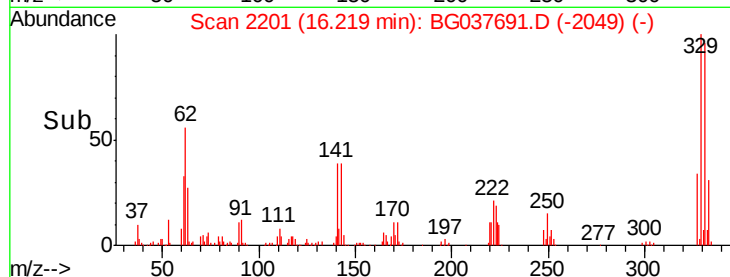
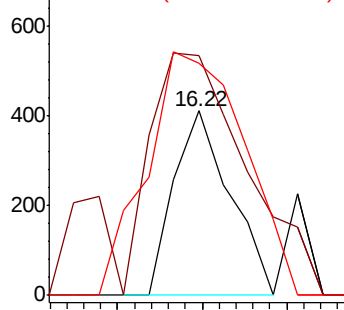
105 29.6 19.7 59.7



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: 2.897 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.45 min

Lab File: BG037691.D

Acq: 31 Oct 2018 19:35

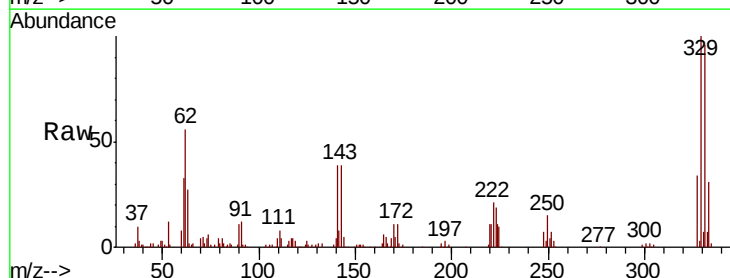
Tgt Ion:248 Resp: 12343

Ion Ratio Lower Upper

248 100

250 192.6 77.0 115.6#

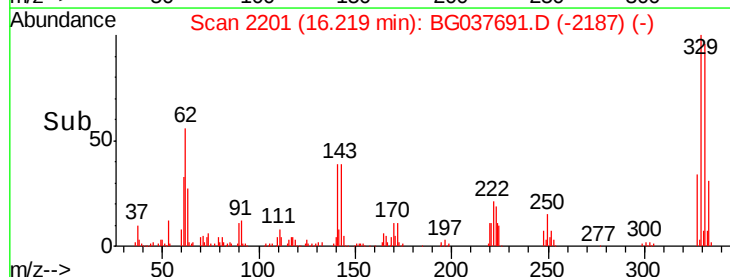
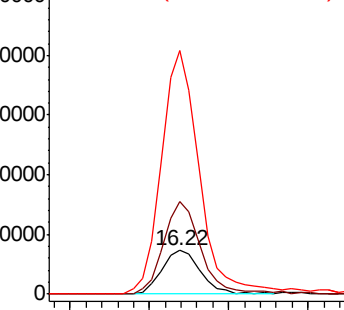
141 400.0 55.5 83.3#

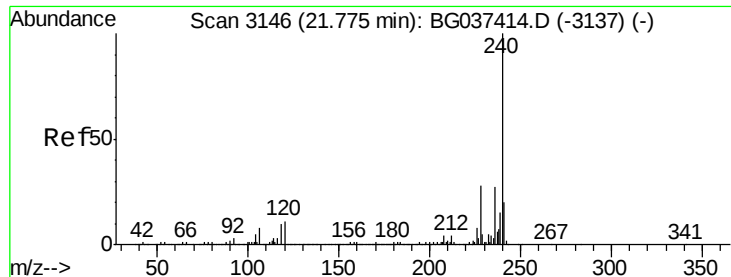


Abundance Ion 248.00 (247.70 to 248.70): E

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: BG037691.D

Acq: 31 Oct 2018 19:35

Instrument :

BNA_G

ClientSampleId :

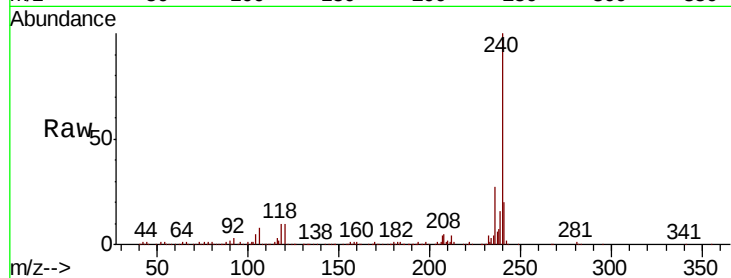
Tot Ion:240 Resp: 354852

Ion Ratio Lower Upper

240 100

120 10.1 8.1 12.1

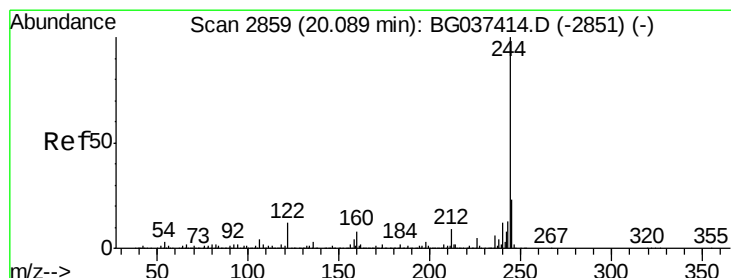
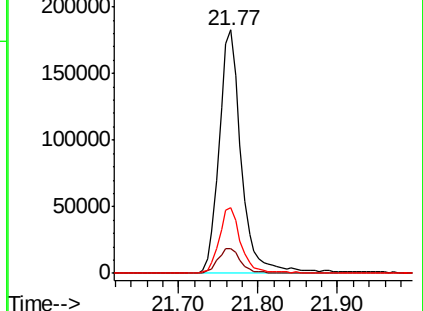
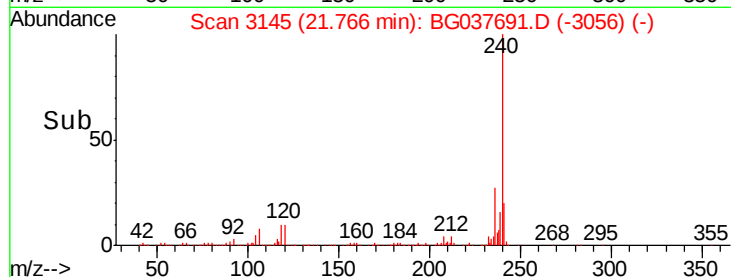
236 27.1 21.4 32.0



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: 79.202 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037691.D

Acq: 31 Oct 2018 19:35

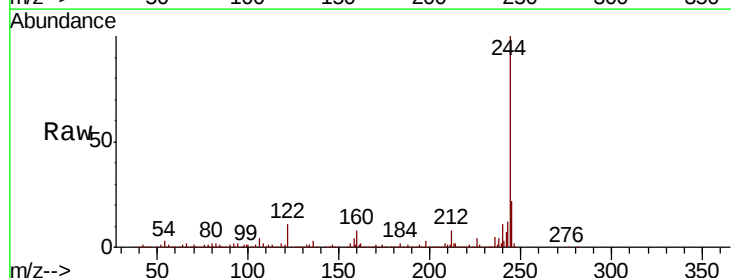
Tgt Ion:244 Resp: 1315308

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

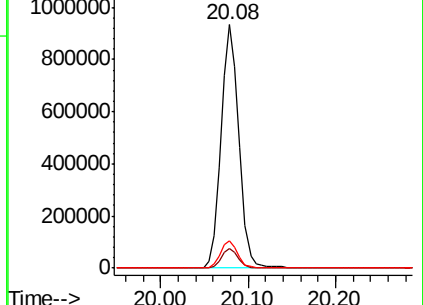
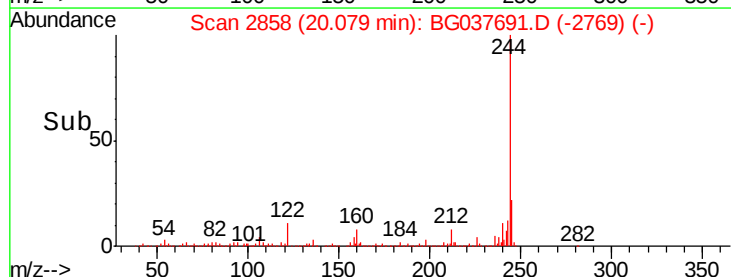
122 11.1 9.0 13.4

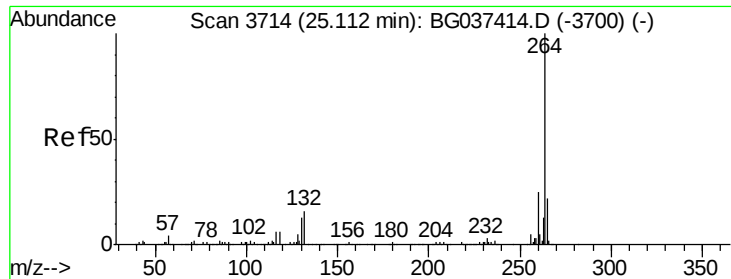


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG037691.D
Acq: 31 Oct 2018 19:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 300641
Ion Ratio Lower Upper
264 100
260 21.9 18.2 27.4
265 20.8 17.9 26.9

