

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103018\
 Data File : BG037648.D
 Acq On : 30 Oct 2018 11:29
 Operator : JU/SJ
 Sample : J5696-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 30 12:45:52 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

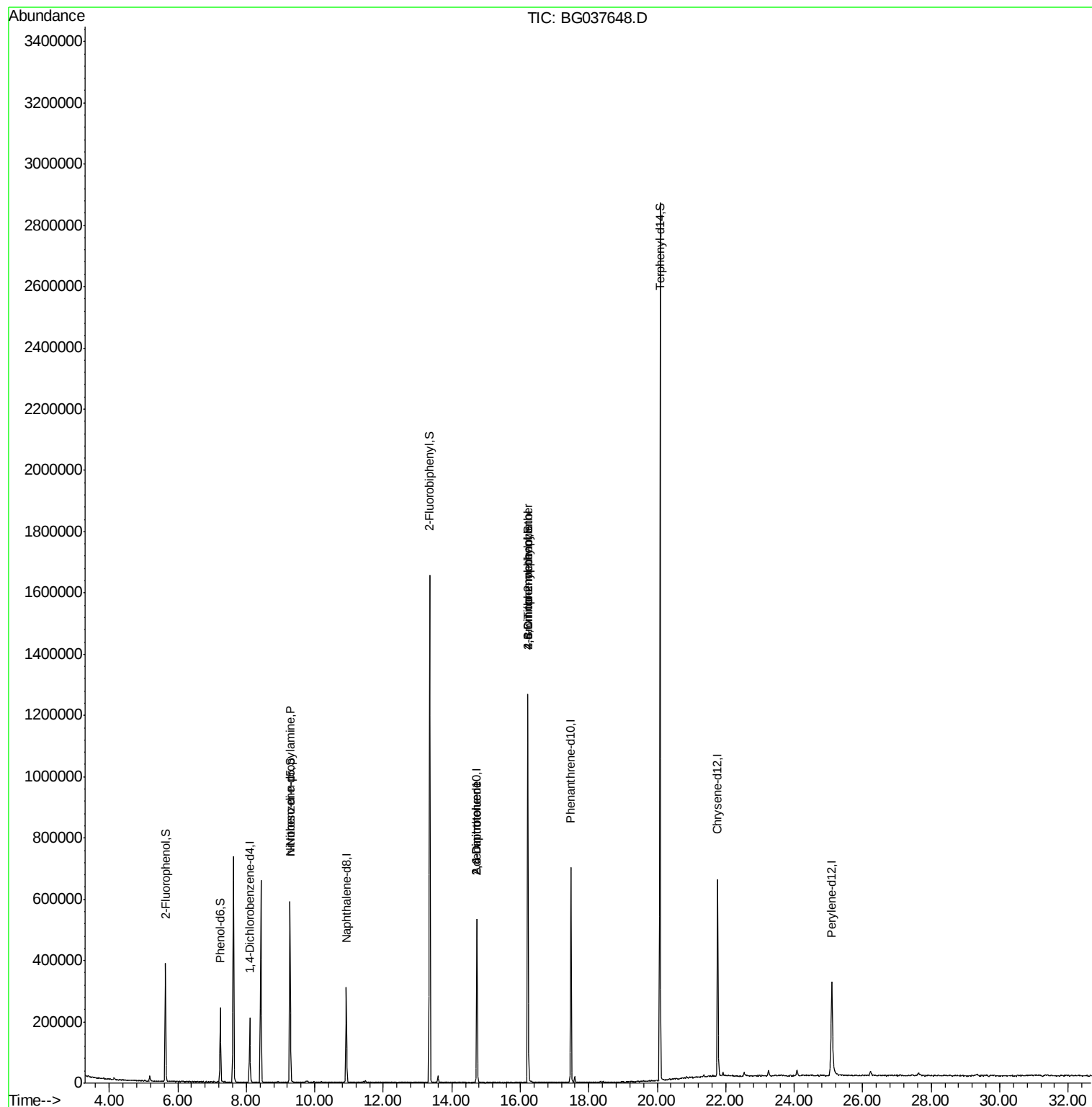
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	60379	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	276193	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	190292	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	452284	20.00	ng	0.00
76) Chrysene-d12	21.76	240	412770	20.00	ng	-0.01
87) Perylene-d12	25.10	264	393053	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	174228	48.24	ng	0.00
7) Phenol-d6	7.24	99	154711	28.33	ng	0.00
23) Nitrobenzene-d5	9.28	82	373086	75.67	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	228663	110.17	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	925093	73.31	ng	0.00
79) Terphenyl-d14	20.08	244	1376678	71.27	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.28	70	48099	12.790	ng	# 69
51) 2,6-Dinitrotoluene	14.73	165	24915	7.650	ng	# 24
57) 2,4-Dinitrotoluene	14.73	165	24915	5.828	ng	# 24
65) 4,6-Dinitro-2-methylphenol	16.21	198	658	8.736	ng	# 84
67) 4-Bromophenyl-phenylether	16.22	248	17279	3.479	ng	# 1

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

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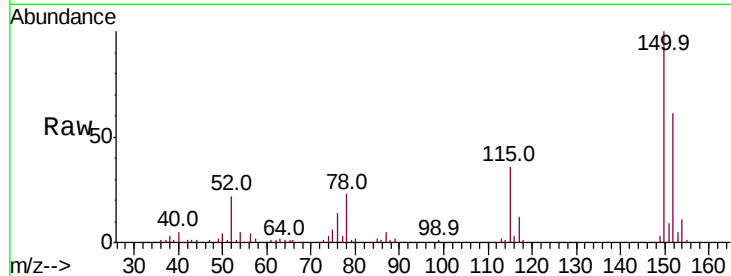


#1

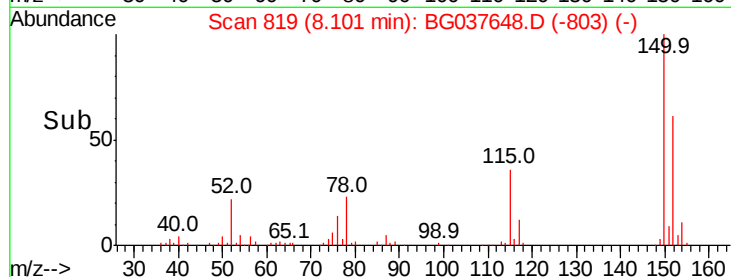
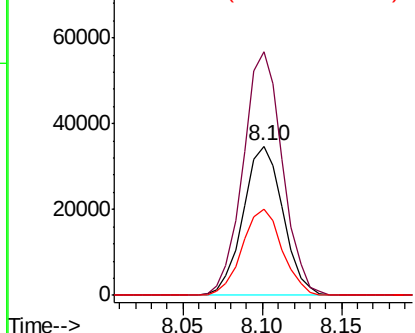
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037648.D
Acq: 30 Oct 2018 11:29

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 60379
Ion Ratio Lower Upper
152 100
150 163.5 126.0 189.0
115 58.1 45.5 68.3



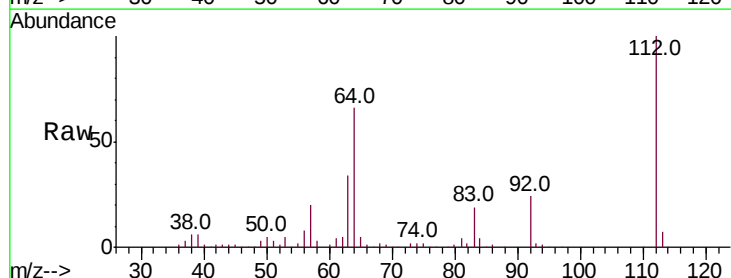
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



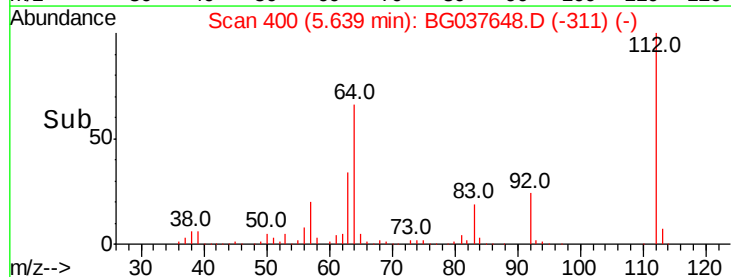
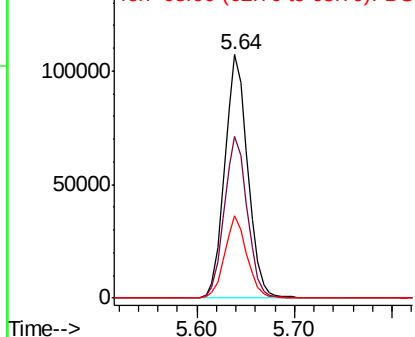
#5

2-Fluorophenol
Concen: 48.243 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037648.D
Acq: 30 Oct 2018 11:29

Tgt Ion:112 Resp: 174228
Ion Ratio Lower Upper
112 100
64 66.2 53.1 79.7
63 34.0 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: 28.330 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037648.D

Acq: 30 Oct 2018 11:29

Instrument :

BNA_G

ClientSampleId :

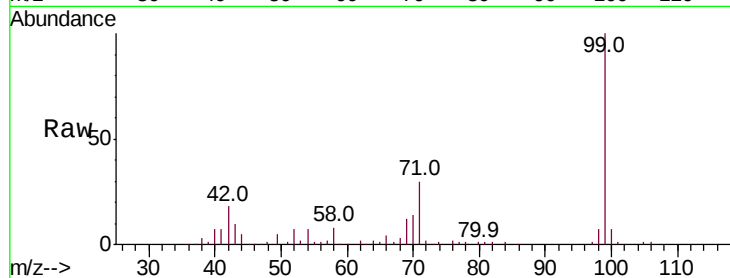
Tot Ion: 99 Resp: 154711

Ion Ratio Lower Upper

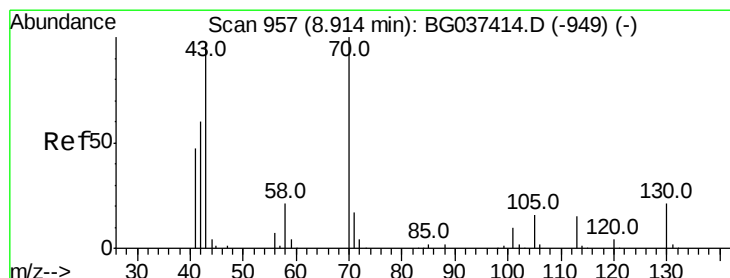
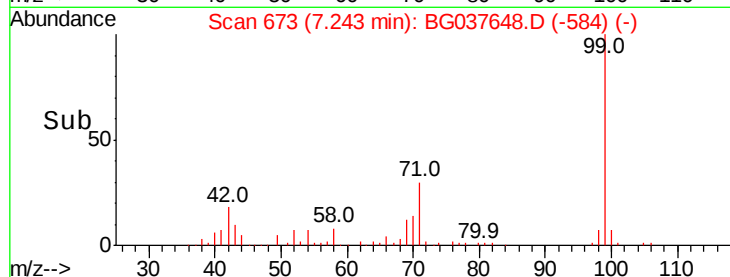
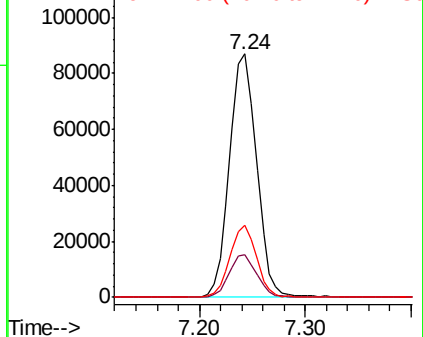
99 100

42 17.7 15.0 22.4

71 29.5 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: 12.790 ng

RT: 9.28 min Scan# 1019

Delta R.T. 0.36 min

Lab File: BG037648.D

Acq: 30 Oct 2018 11:29

Tgt Ion: 70 Resp: 48099

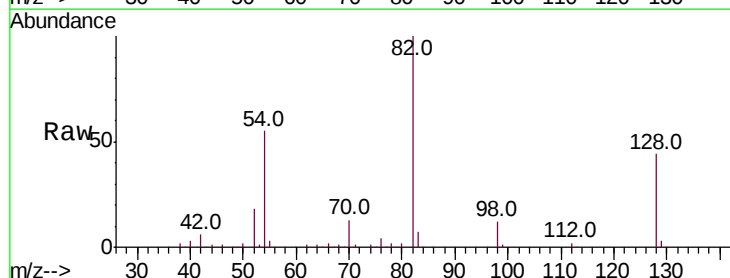
Ion Ratio Lower Upper

70 100

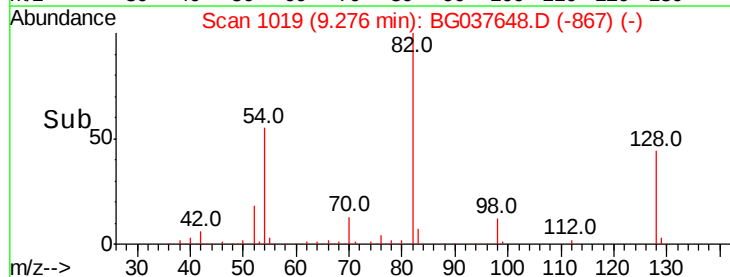
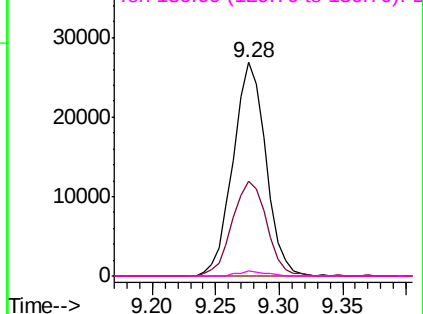
42 44.6 53.9 80.9#

101 0.0 8.2 12.2#

130 2.2 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

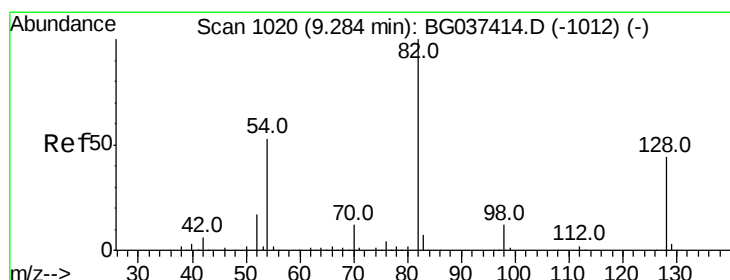
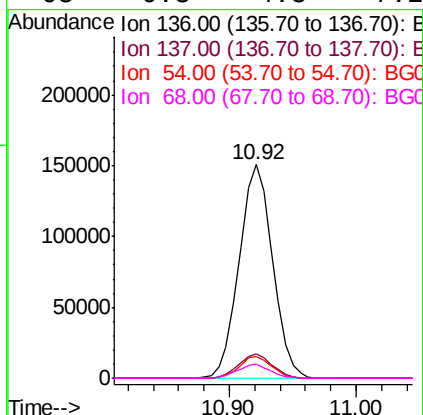
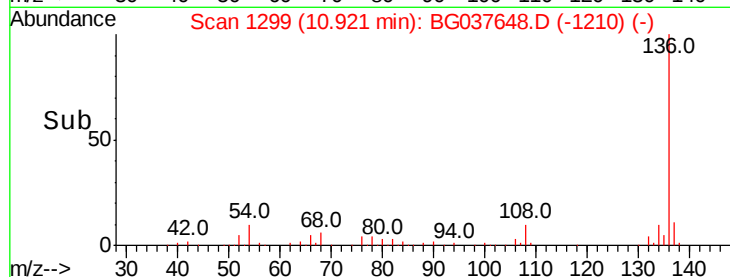
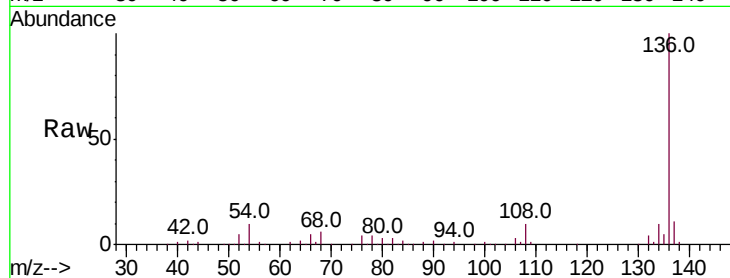




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037648.D
Acq: 30 Oct 2018 11:29

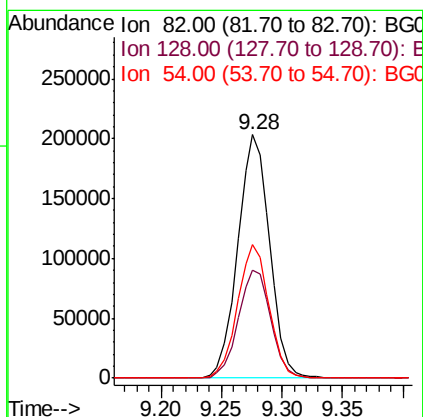
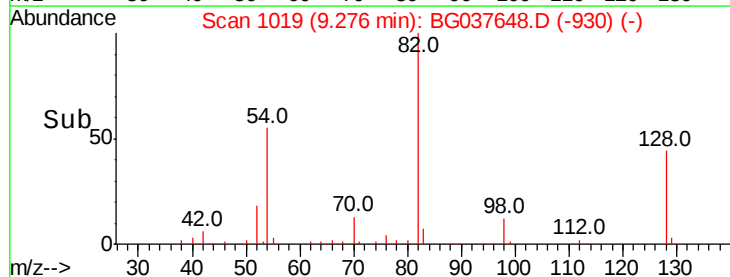
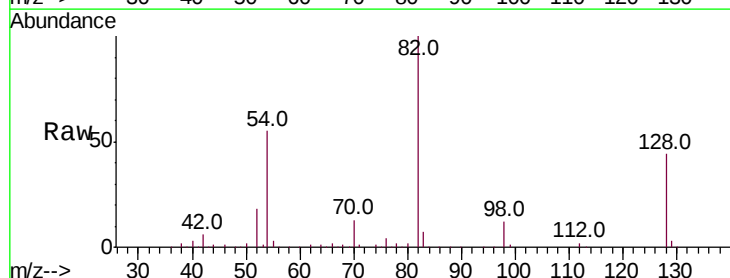
Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	276193
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.6	14.4
54	10.4	7.9	11.9
68	6.3	4.8	7.2



#23
Nitrobenzene-d5
Concen: 75.671 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037648.D
Acq: 30 Oct 2018 11:29

Tgt Ion:	82	Resp:	373086
Ion	Ratio	Lower	Upper
82	100		
128	44.3	34.6	51.8
54	54.8	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: BG037648.D

Acq: 30 Oct 2018 11:29

Instrument :

BNA_G

ClientSampleId :

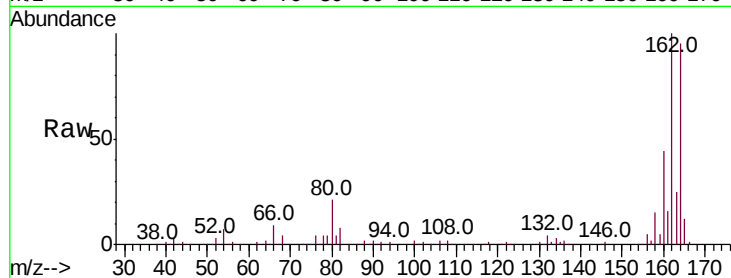
Tot Ion:164 Resp: 190292

Ion Ratio Lower Upper

164 100

162 105.1 81.3 121.9

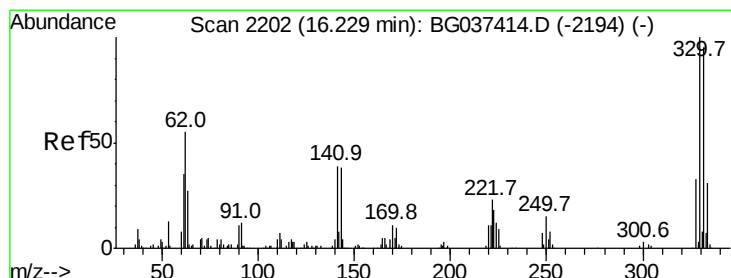
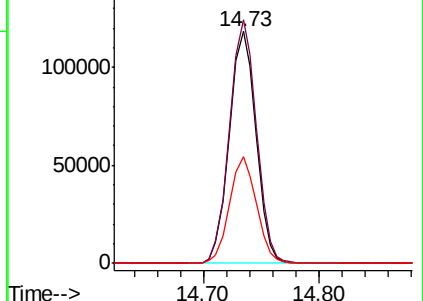
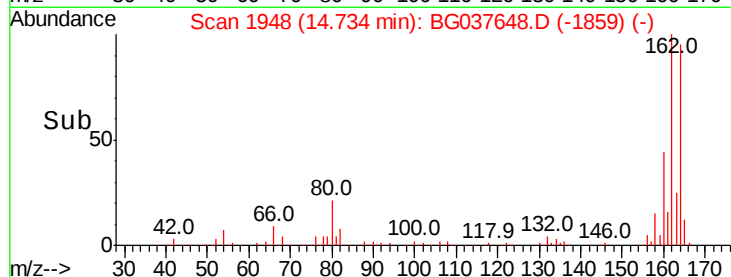
160 46.0 36.3 54.5



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: 110.173 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037648.D

Acq: 30 Oct 2018 11:29

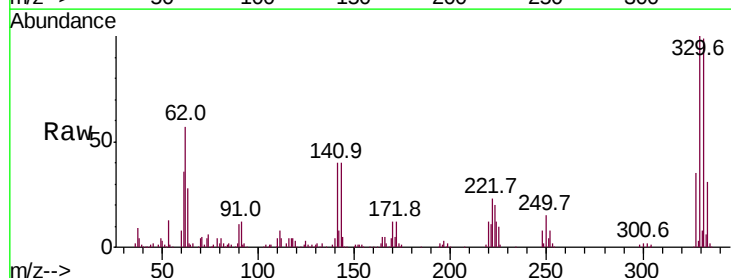
Tgt Ion:330 Resp: 228663

Ion Ratio Lower Upper

330 100

332 96.2 78.4 117.6

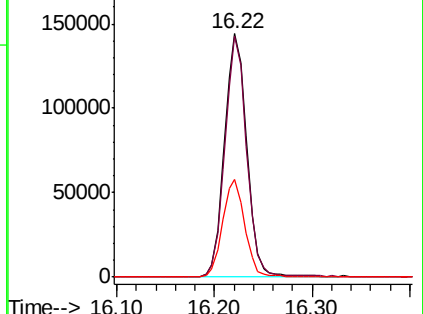
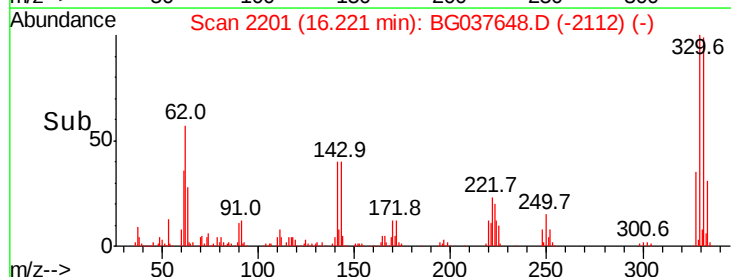
141 39.9 32.2 48.2



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

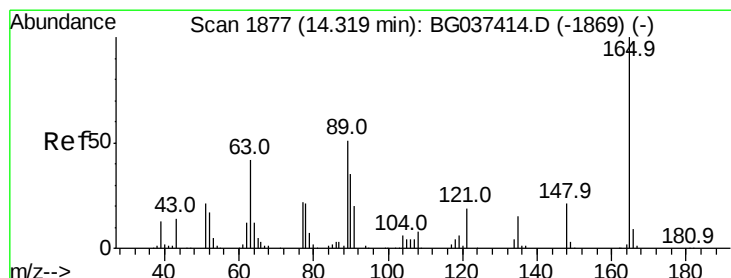
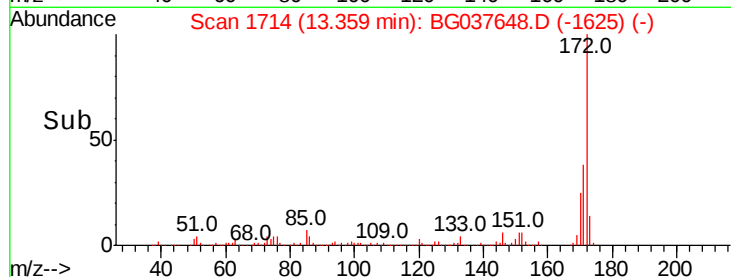
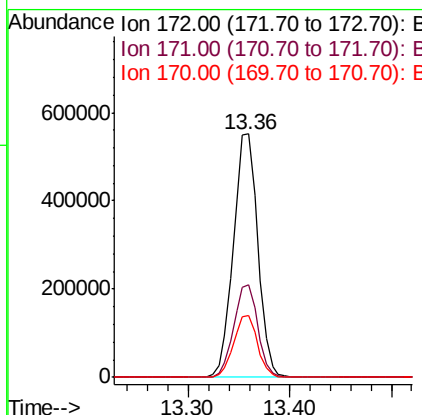
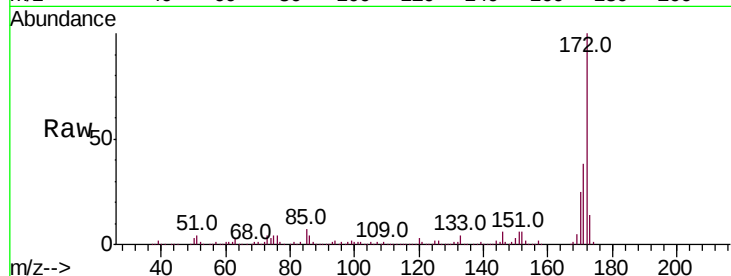




#45
2-Fluorobiphenyl
Concen: 73.308 ng
RT: 13.36 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG037648.D
Acq: 30 Oct 2018 11:29

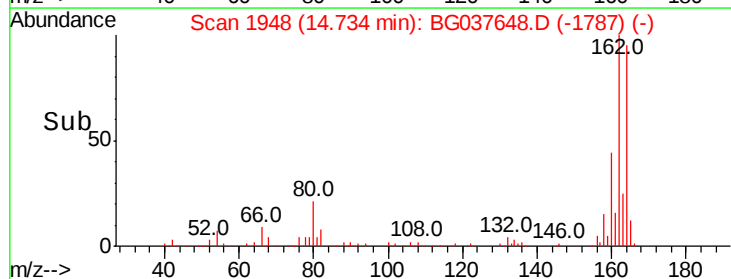
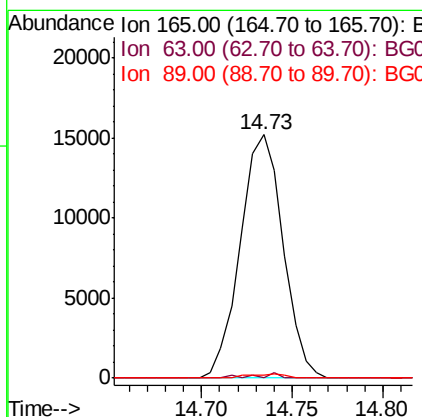
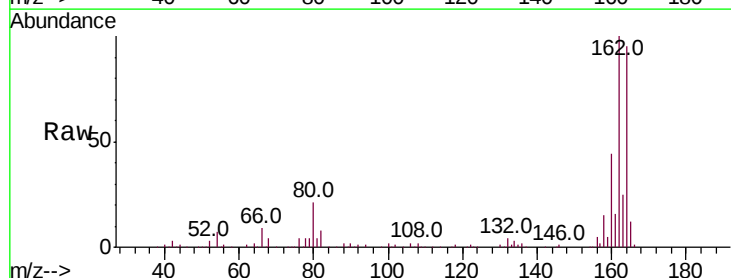
Instrument :
BNA_G
ClientSampleId :

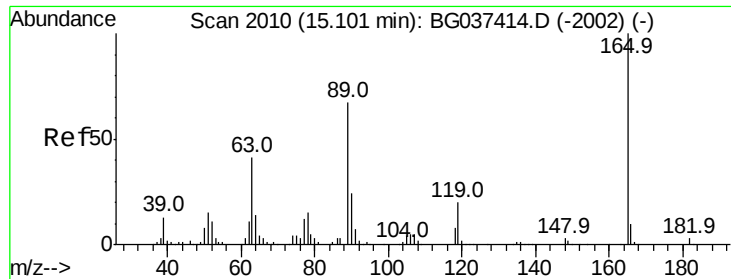
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.1	31.0	46.4
170	25.3	20.2	30.2



#51
2,6-Dinitrotoluene
Concen: 7.650 ng
RT: 14.73 min Scan# 1948
Delta R.T. 0.41 min
Lab File: BG037648.D
Acq: 30 Oct 2018 11:29

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.4	65.2#
89	1.0	45.8	68.6#

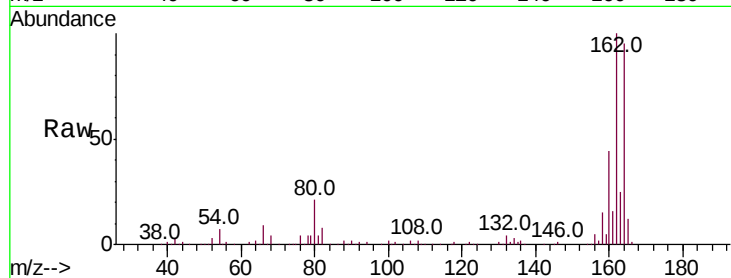




#57
 2,4-Dinitrotoluene
 Concen: 5.828 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.37 min
 Lab File: BG037648.D
 Acq: 30 Oct 2018 11:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	1.0	57.2	85.8#
182	0.0	2.6	4.0#

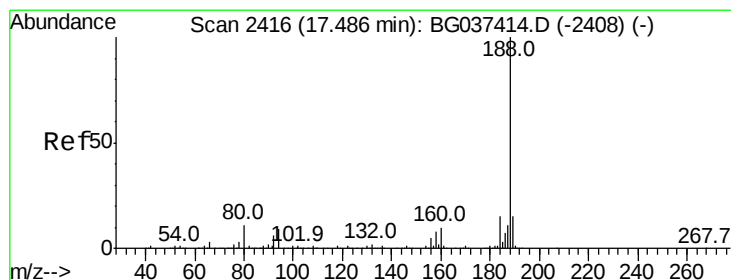
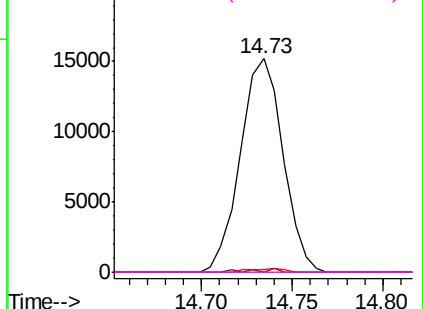
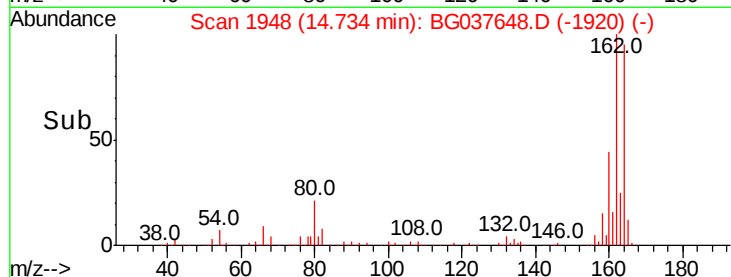


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

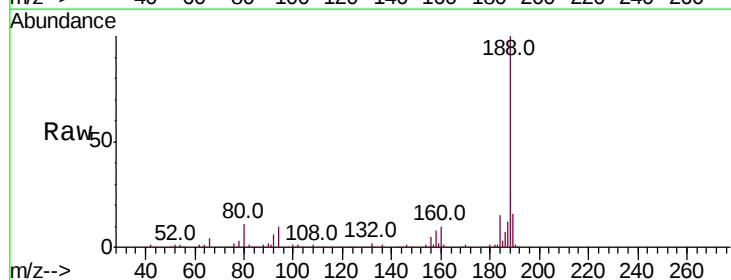
Ion 89.00 (88.70 to 89.70): BGC

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: BG037648.D
 Acq: 30 Oct 2018 11:29

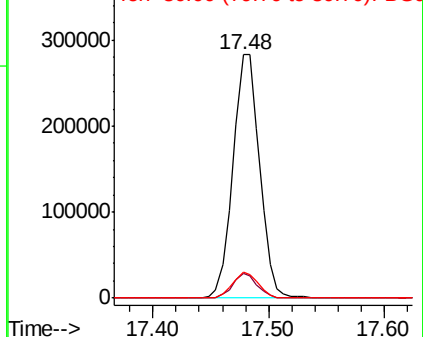
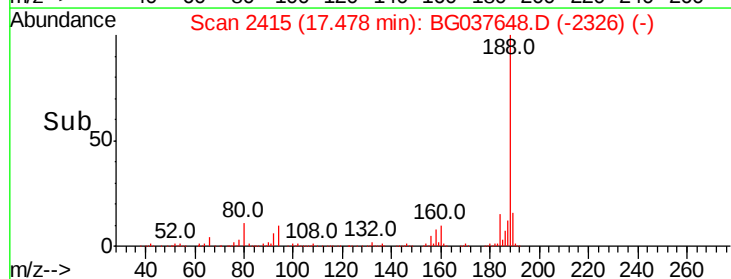
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.1	7.2	10.8
80	10.6	7.7	11.5

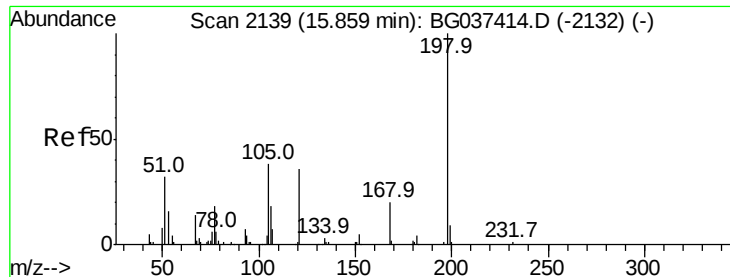


Abundance Ion 188.00 (187.70 to 188.70): E

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: 8.736 ng

RT: 16.21 min Scan# 2200

Delta R.T. 0.36 min

Lab File: BG037648.D

Acq: 30 Oct 2018 11:29

Instrument :

BNA_G

ClientSampled :

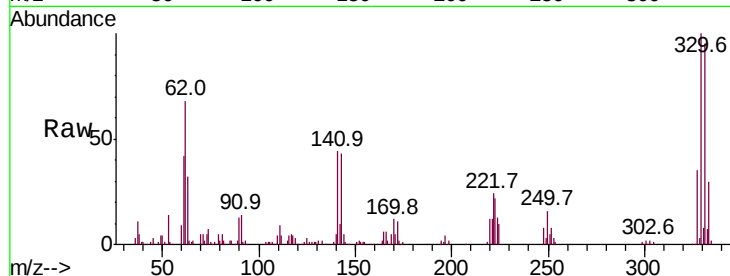
Tot Ion:198 Resp: 658

Ion Ratio Lower Upper

198 100

51 34.6 22.7 62.7

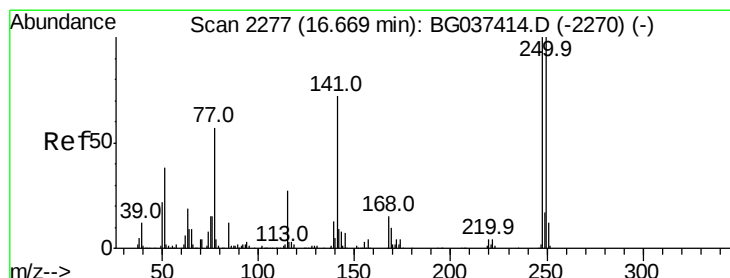
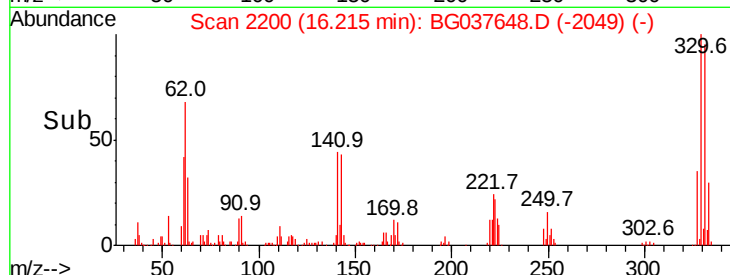
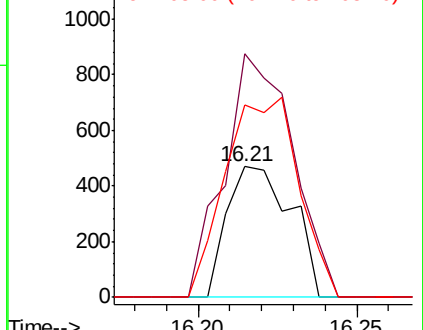
105 27.3 19.7 59.7



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: 3.479 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.45 min

Lab File: BG037648.D

Acq: 30 Oct 2018 11:29

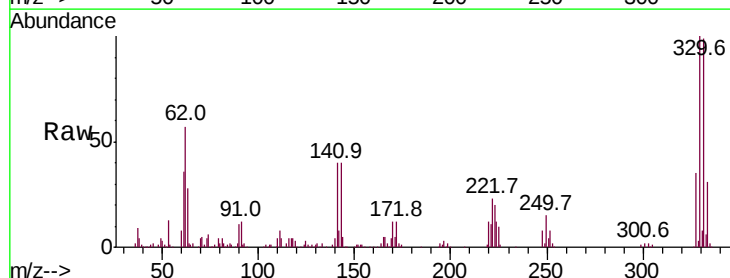
Tgt Ion:248 Resp: 17279

Ion Ratio Lower Upper

248 100

250 200.9 77.0 115.6#

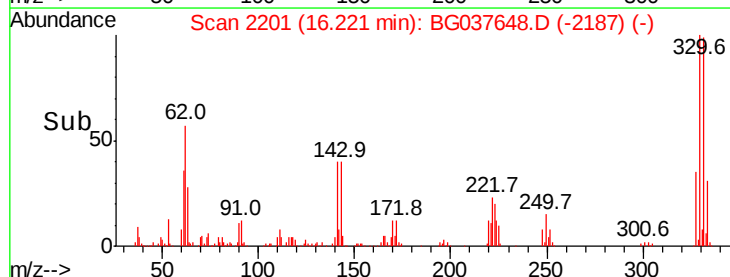
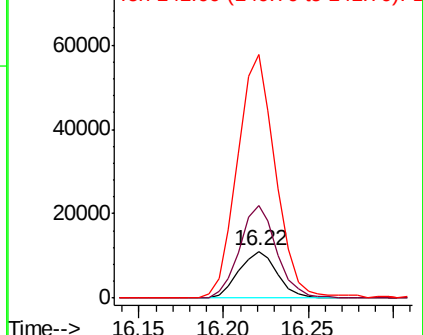
141 410.2 55.5 83.3#

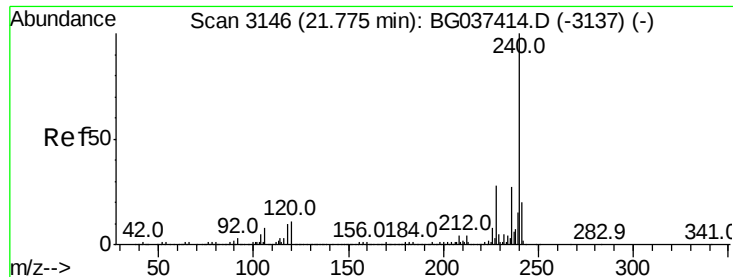


Abundance Ion 248.00 (247.70 to 248.70): E

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: BG037648.D

Acq: 30 Oct 2018 11:29

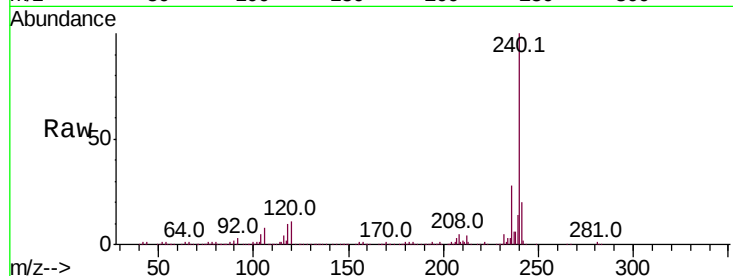
Instrument :

BNA_G

ClientSampleId :

Tot Ion:240 Resp: 412770

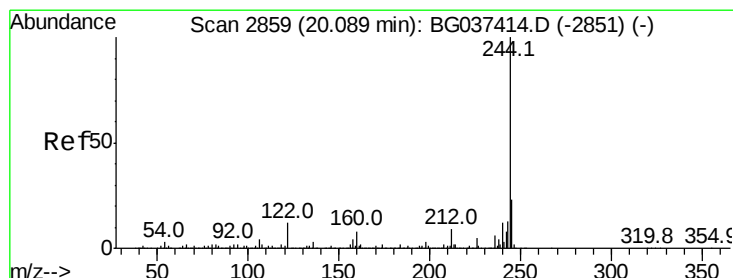
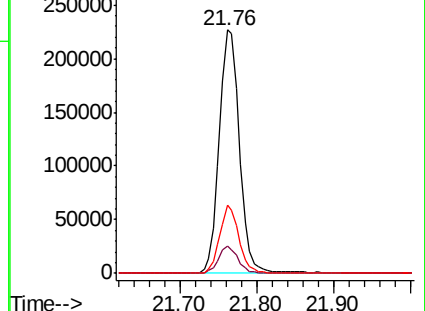
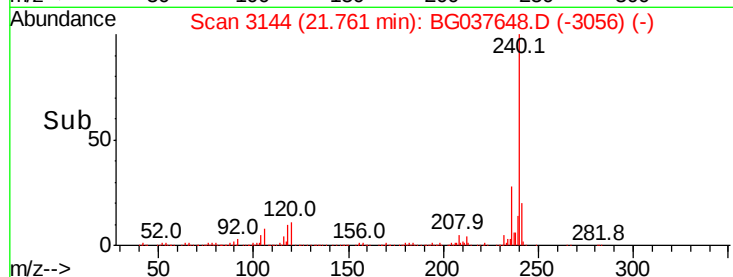
Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.1	12.1
236	28.0	21.4	32.0



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: 71.266 ng

RT: 20.08 min Scan# 2858

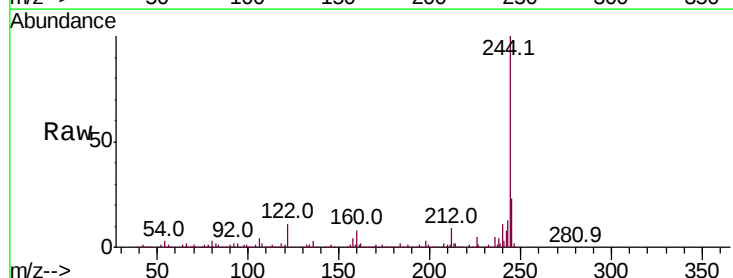
Delta R.T. -0.01 min

Lab File: BG037648.D

Acq: 30 Oct 2018 11:29

Tgt Ion:244 Resp: 1376678

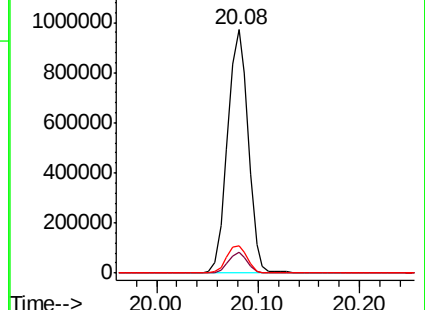
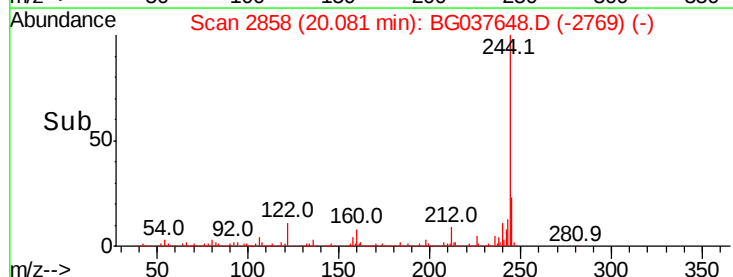
Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.5	9.7
122	11.3	9.0	13.4

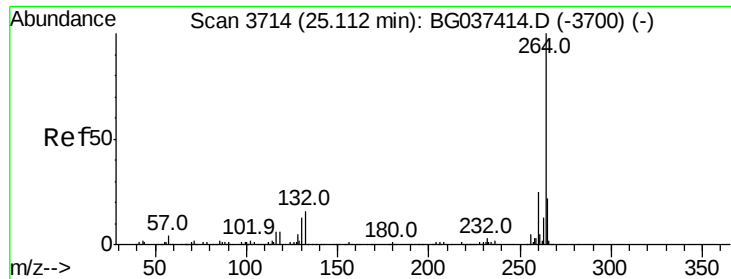


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG037648.D
Acq: 30 Oct 2018 11:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.2	27.4
265	20.8	17.9	26.9

