

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103118\
 Data File : BG037699.D
 Acq On : 1 Nov 2018 00:49
 Operator : JU/SJ
 Sample : PB114346TB
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 01 07:05:05 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

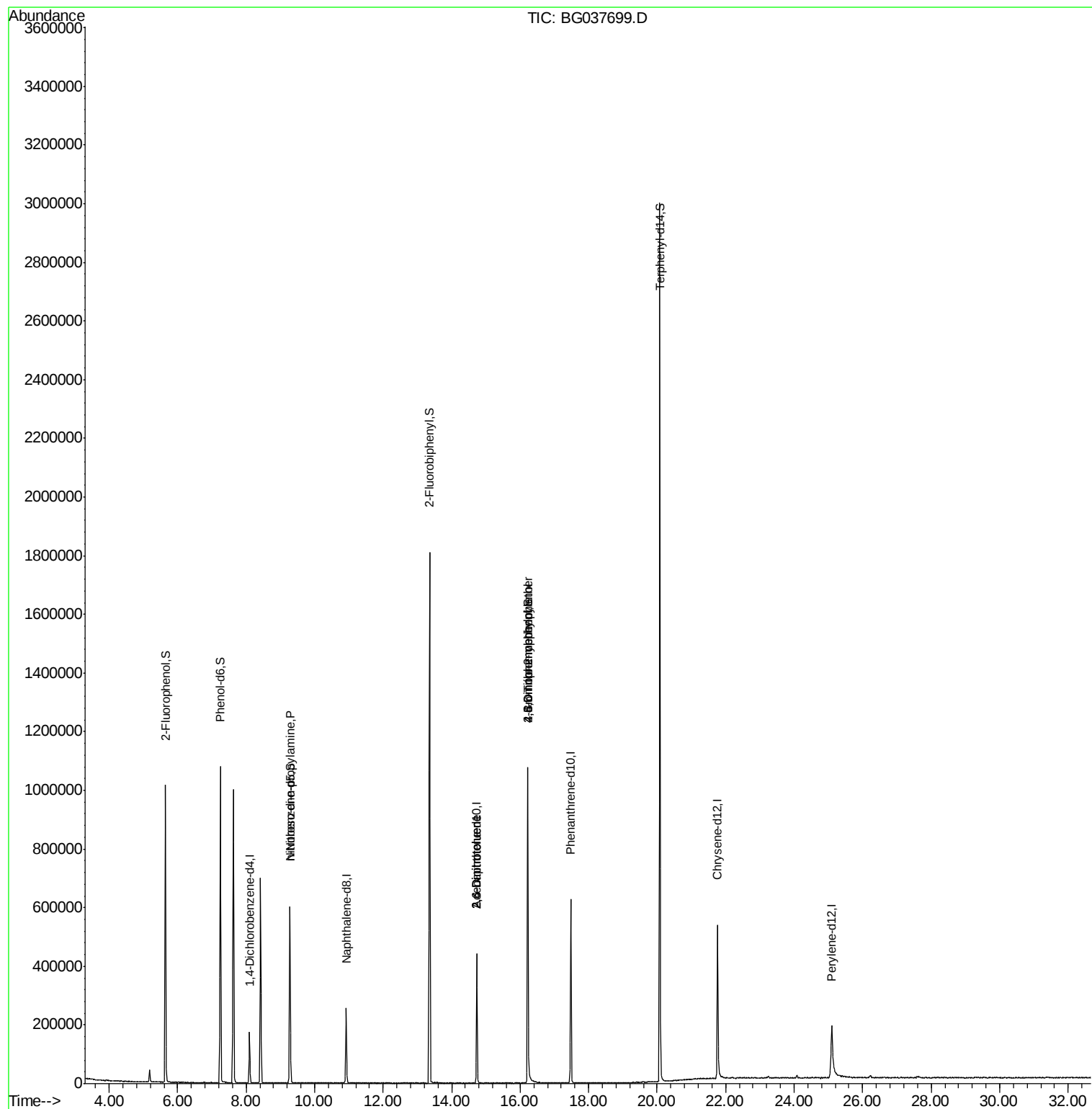
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	51811	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	229670	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	162279	20.00	ng	-0.01
64) Phenanthrene-d10	17.48	188	397295	20.00	ng	0.00
76) Chrysene-d12	21.76	240	354148	20.00	ng	-0.01
87) Perylene-d12	25.10	264	296015	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	468635	151.22	ng	0.00
7) Phenol-d6	7.24	99	680457	145.21	ng	0.00
23) Nitrobenzene-d5	9.28	82	392304	95.69	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	216464	122.30	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	981624	91.22	ng	-0.01
79) Terphenyl-d14	20.08	244	1499063	90.45	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.28	70	49968	15.485	ng	# 69
51) 2,6-Dinitrotoluene	14.73	165	20624	7.426	ng	# 26
57) 2,4-Dinitrotoluene	14.73	165	20624	5.657	ng	# 26
65) 4,6-Dinitro-2-methylphenol	16.22	198	897	8.861	ng	# 74
67) 4-Bromophenyl-phenylether	16.22	248	15635	3.584	ng	# 1

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

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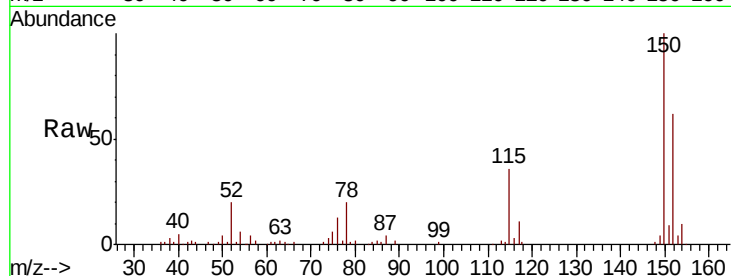


#1

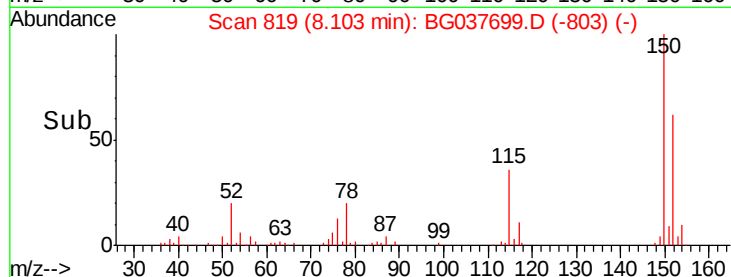
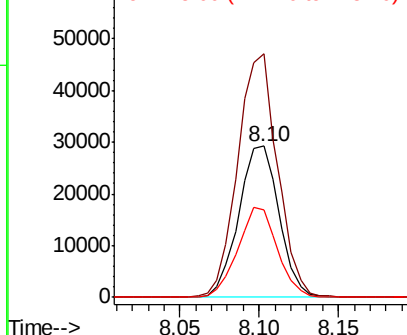
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037699.D
Acq: 1 Nov 2018 00:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 51811
Ion Ratio Lower Upper
152 100
150 160.9 126.0 189.0
115 57.4 45.5 68.3



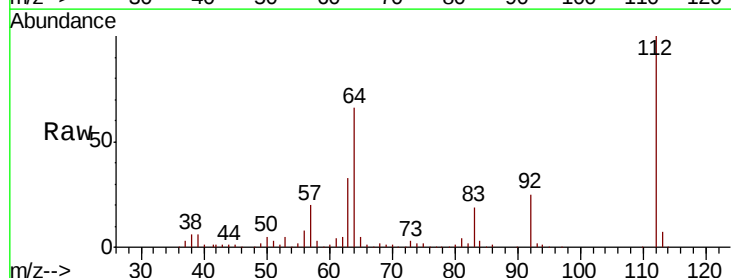
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



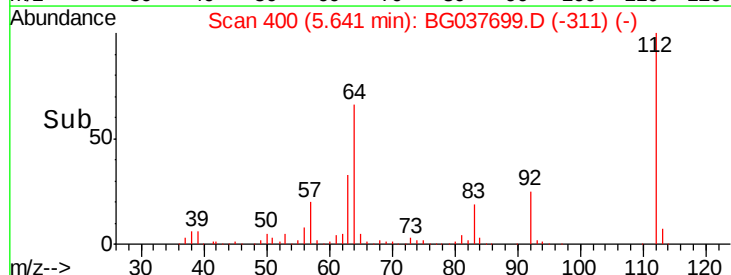
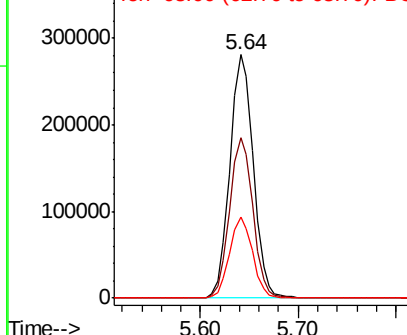
#5

2-Fluorophenol
Concen: 151.221 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037699.D
Acq: 1 Nov 2018 00:49

Tgt Ion:112 Resp: 468635
Ion Ratio Lower Upper
112 100
64 65.7 53.1 79.7
63 33.2 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: 145.208 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037699.D

Acq: 1 Nov 2018 00:49

Instrument :

BNA_G

ClientSampled :

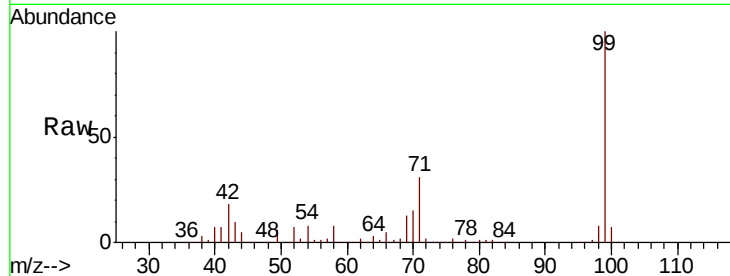
Tot Ion: 99 Resp: 680457

Ion Ratio Lower Upper

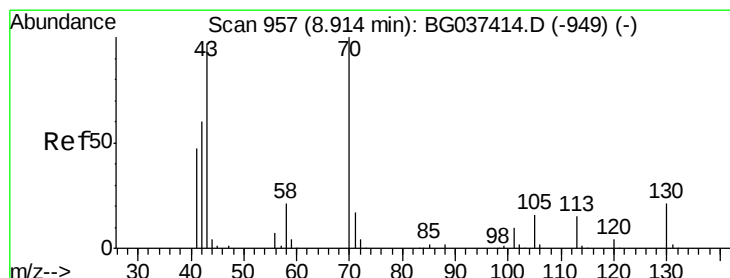
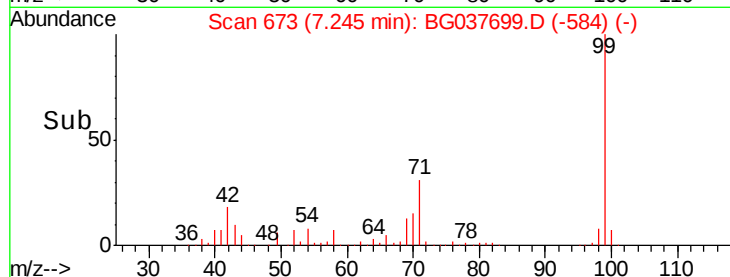
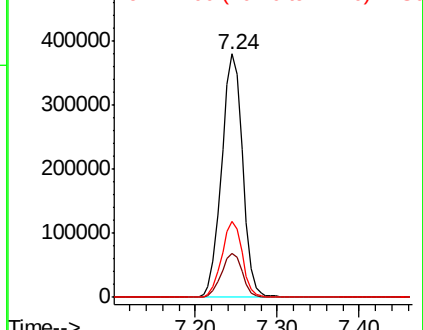
99 100

42 18.2 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: 15.485 ng

RT: 9.28 min Scan# 1019

Delta R.T. 0.36 min

Lab File: BG037699.D

Acq: 1 Nov 2018 00:49

Tgt Ion: 70 Resp: 49968

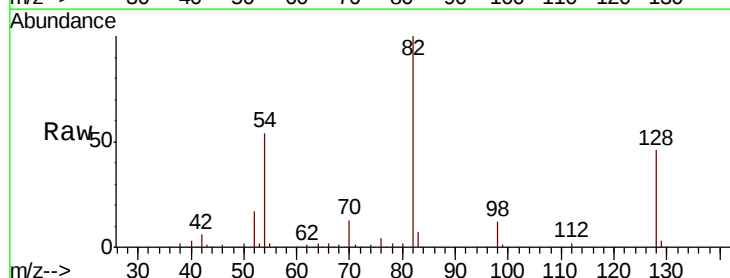
Ion Ratio Lower Upper

70 100

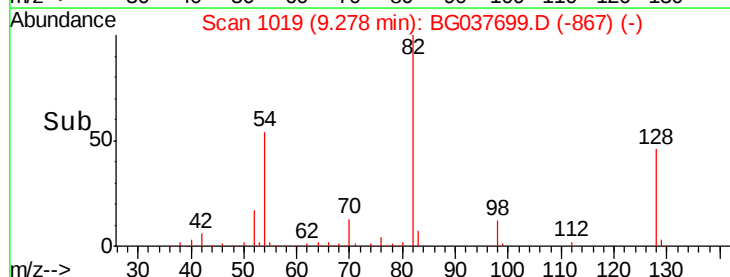
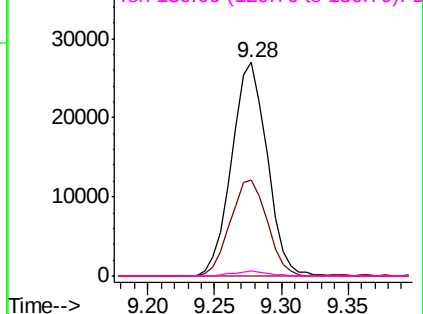
42 44.9 53.9 80.9#

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

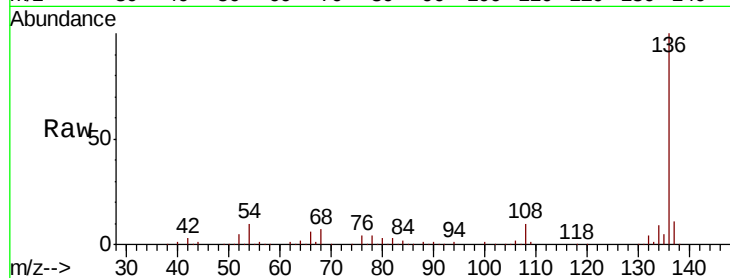




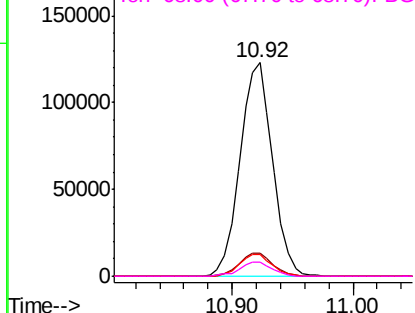
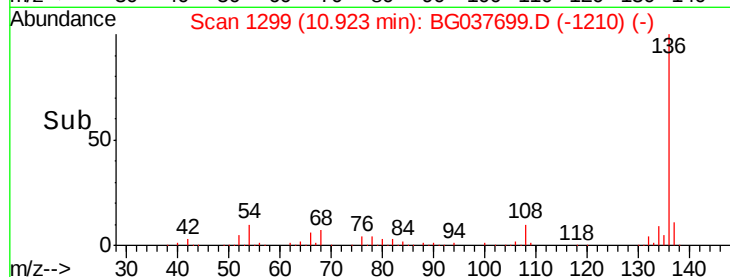
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037699.D
Acq: 1 Nov 2018 00:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	229670
Ion	Ratio	Lower Upper
136	100	
137	11.1	9.6 14.4
54	10.4	7.9 11.9
68	6.8	4.8 7.2

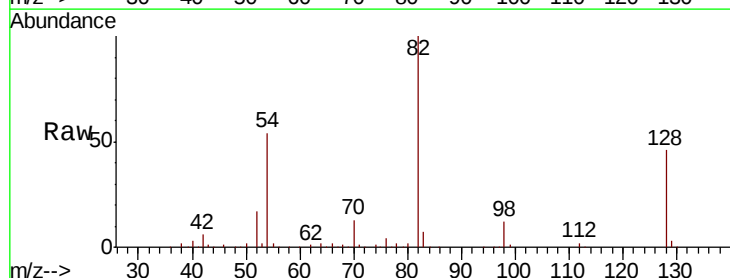


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

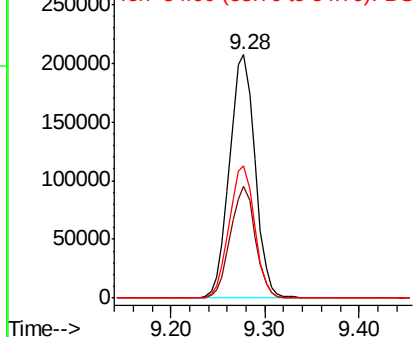
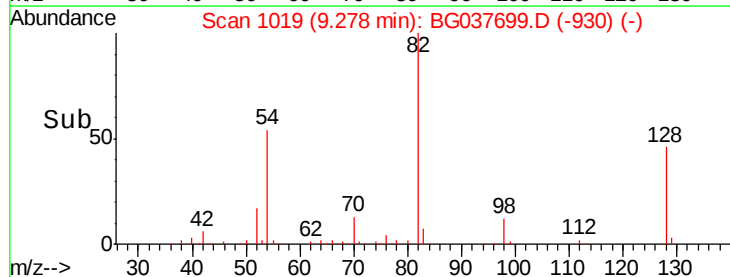


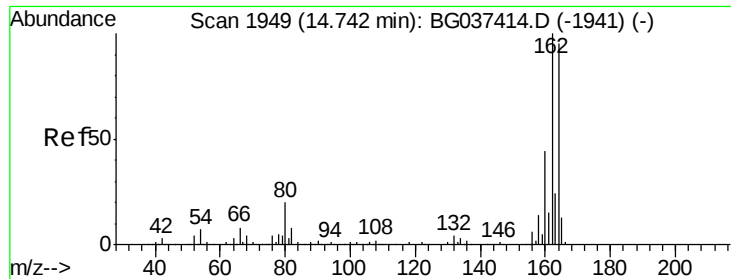
#23
Nitrobenzene-d5
Concen: 95.687 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037699.D
Acq: 1 Nov 2018 00:49

Tgt Ion: 82	Resp:	392304
Ion	Ratio	Lower Upper
82	100	
128	46.0	34.6 51.8
54	54.4	45.3 67.9



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

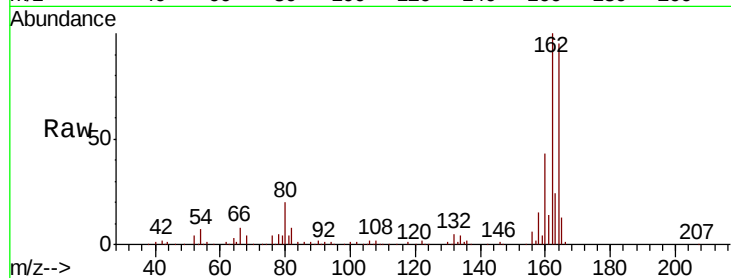




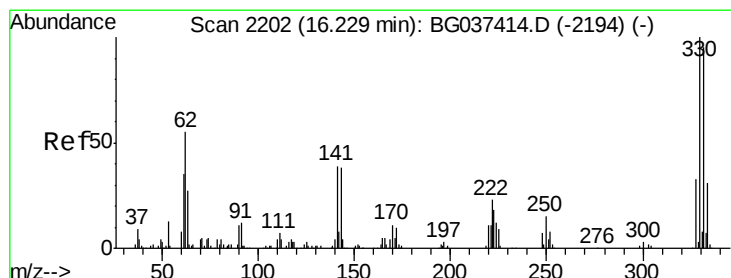
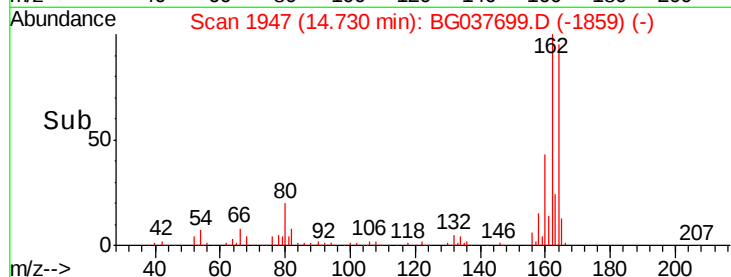
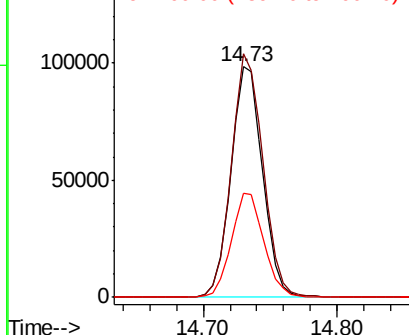
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1947
Delta R.T. -0.01 min
Lab File: BG037699.D
Acq: 1 Nov 2018 00:49

Instrument :
BNA_G
ClientSampled :

Tot Ion:164 Resp: 162279
Ion Ratio Lower Upper
164 100
162 105.6 81.3 121.9
160 45.3 36.3 54.5

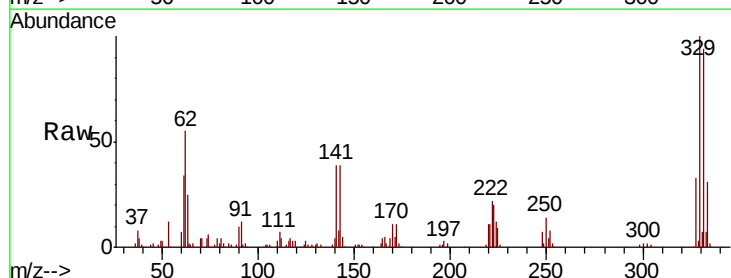


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

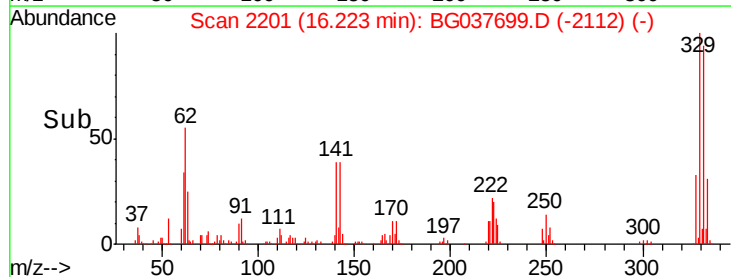
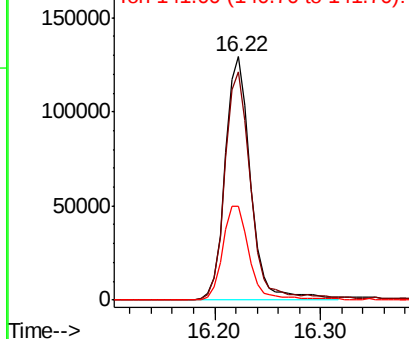


#42
2,4,6-Tribromophenol
Concen: 122.299 ng
RT: 16.22 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BG037699.D
Acq: 1 Nov 2018 00:49

Tgt Ion:330 Resp: 216464
Ion Ratio Lower Upper
330 100
332 96.3 78.4 117.6
141 40.2 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

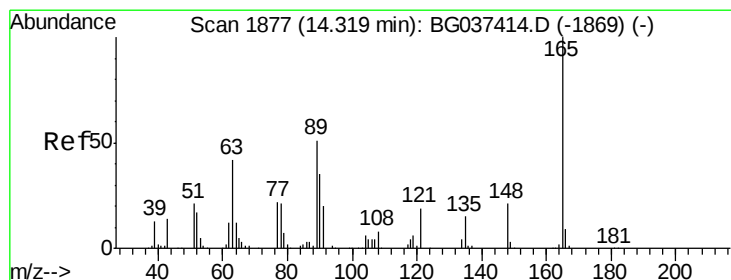
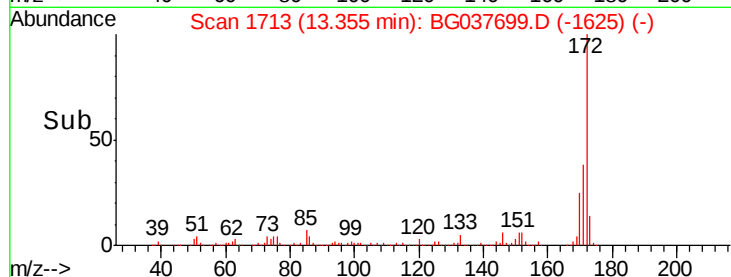
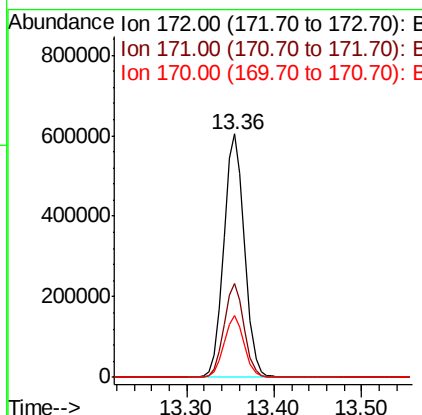
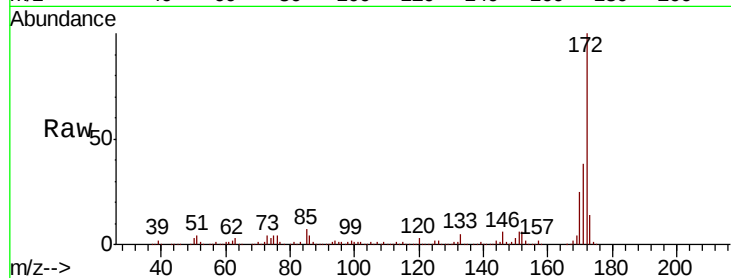




#45
 2-Fluorobiphenyl
 Concen: 91.215 ng
 RT: 13.36 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG037699.D
 Acq: 1 Nov 2018 00:49

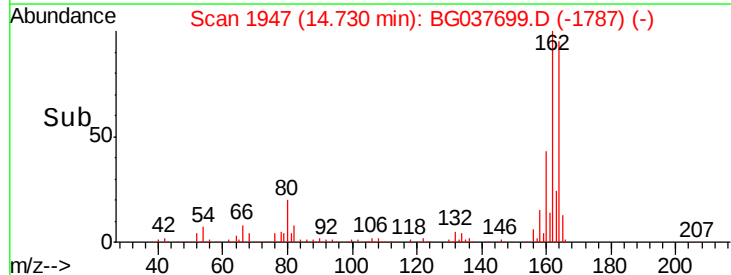
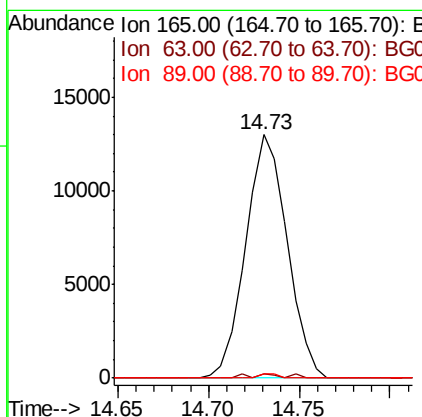
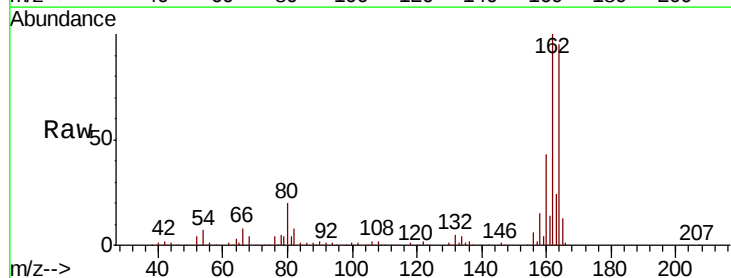
Instrument :
 BNA_G
 ClientSampleId :

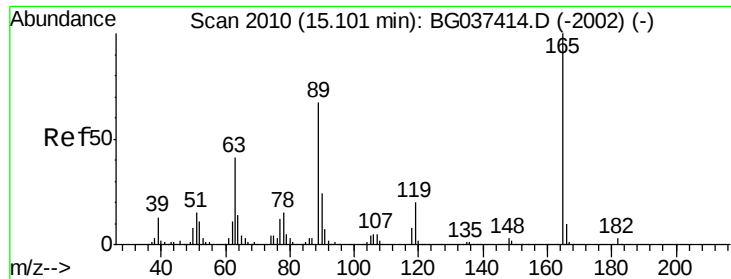
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.4	31.0	46.4
170	25.5	20.2	30.2



#51
 2,6-Dinitrotoluene
 Concen: 7.426 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. 0.41 min
 Lab File: BG037699.D
 Acq: 1 Nov 2018 00:49

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	43.4	65.2#
89	1.9	45.8	68.6#

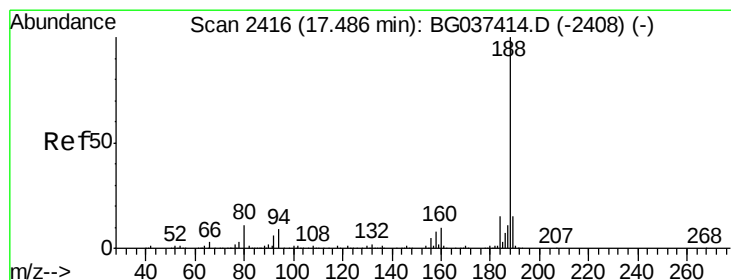
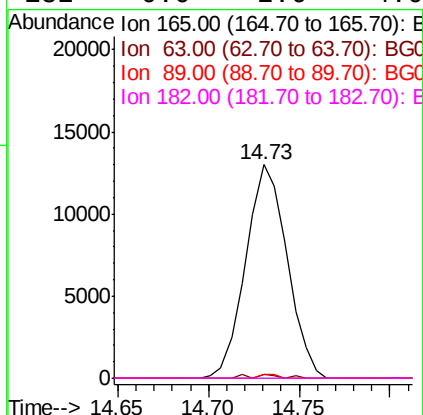
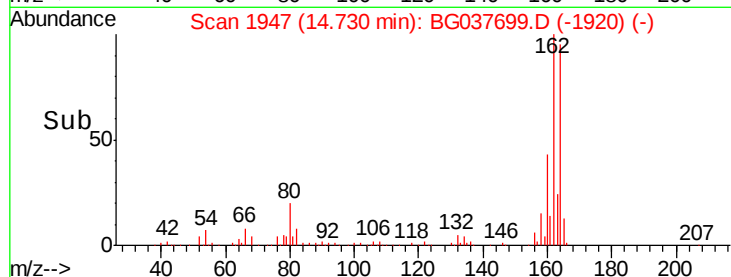
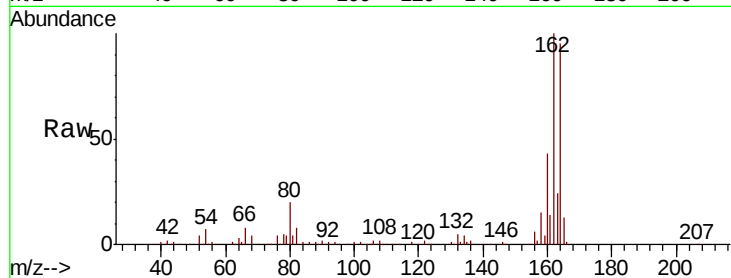




#57
 2,4-Dinitrotoluene
 Concen: 5.657 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. -0.37 min
 Lab File: BG037699.D
 Acq: 1 Nov 2018 00:49

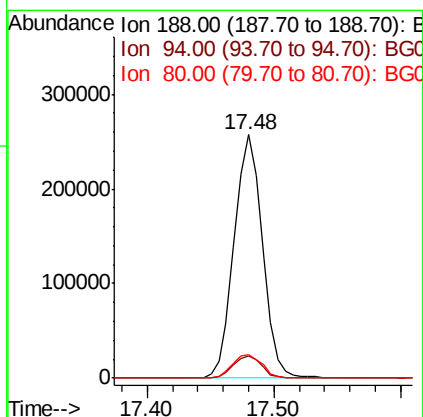
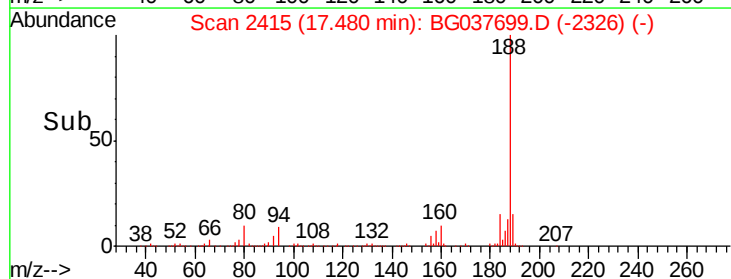
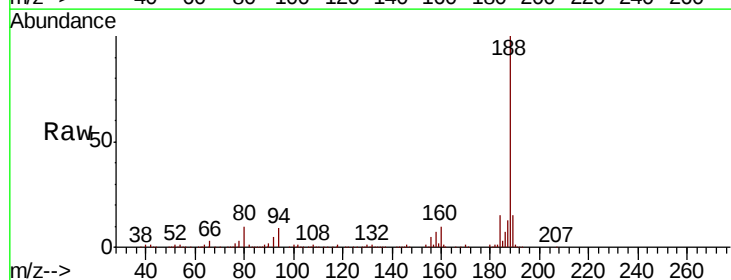
Instrument :
 BNA_G
 ClientSampleId :

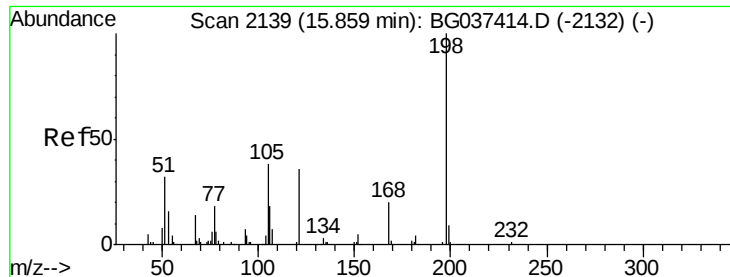
Tot Ion:165	Resp: 20624
Ion Ratio	Lower Upper
165 100	
63 1.9	33.4 50.0#
89 1.9	57.2 85.8#
182 0.0	2.6 4.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2415
 Delta R.T. -0.01 min
 Lab File: BG037699.D
 Acq: 1 Nov 2018 00:49

Tgt	Ion:188	Resp:	397295
Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.2	10.8
80	9.5	7.7	11.5





#65

4,6-Dinitro-2-methylphenol

Concen: 8.861 ng

RT: 16.22 min Scan# 2201

Delta R.T. 0.36 min

Lab File: BG037699.D

Acq: 1 Nov 2018 00:49

Instrument :

BNA_G

ClientSampleId :

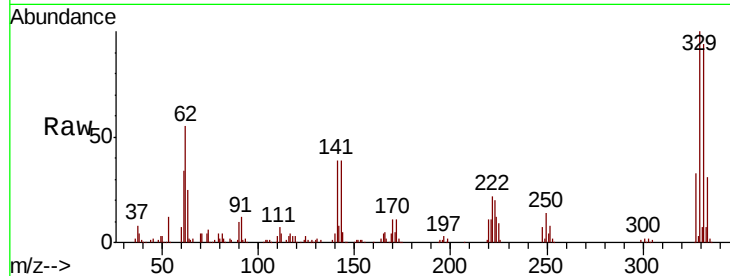
Tot Ion:198 Resp: 897

Ion Ratio Lower Upper

198 100

51 22.2 22.7 62.7#

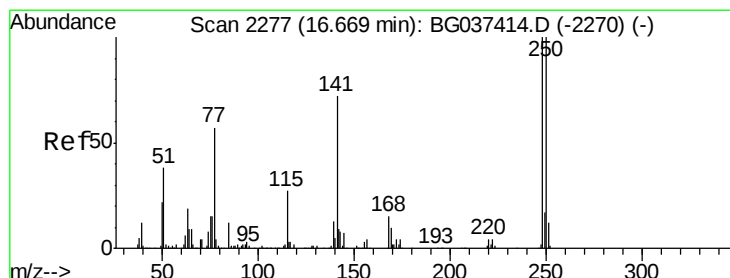
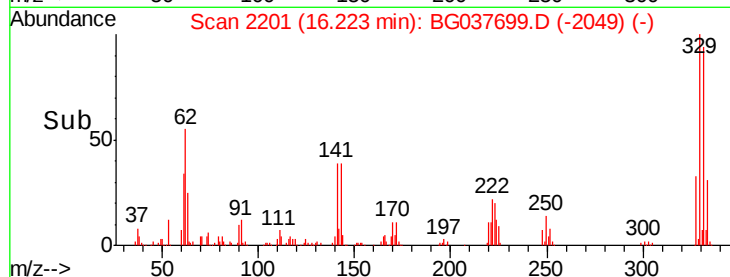
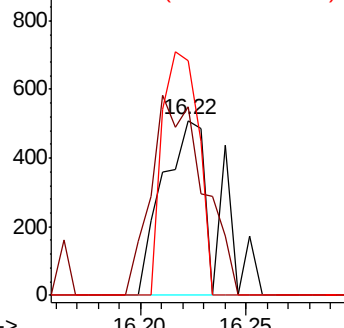
105 27.6 19.7 59.7



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: 3.584 ng

RT: 16.22 min Scan# 2200

Delta R.T. -0.45 min

Lab File: BG037699.D

Acq: 1 Nov 2018 00:49

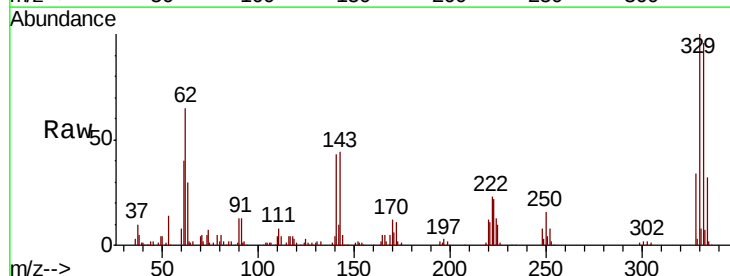
Tgt Ion:248 Resp: 15635

Ion Ratio Lower Upper

248 100

250 188.0 77.0 115.6#

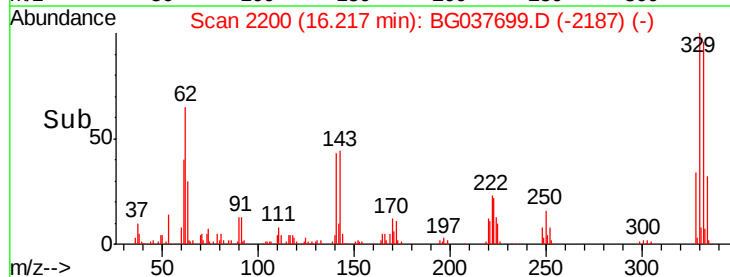
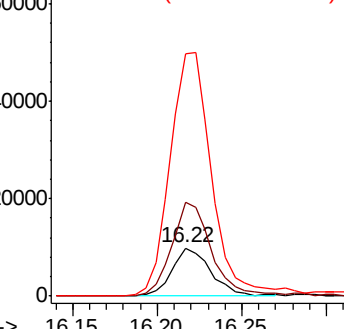
141 383.1 55.5 83.3#

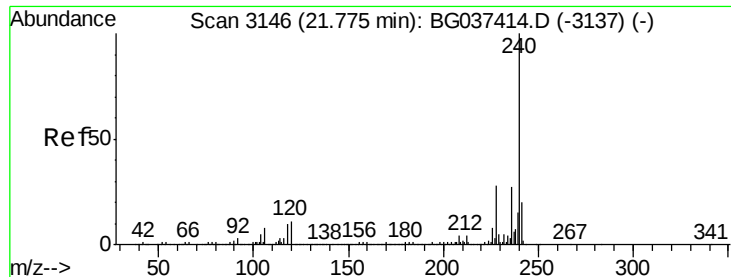


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

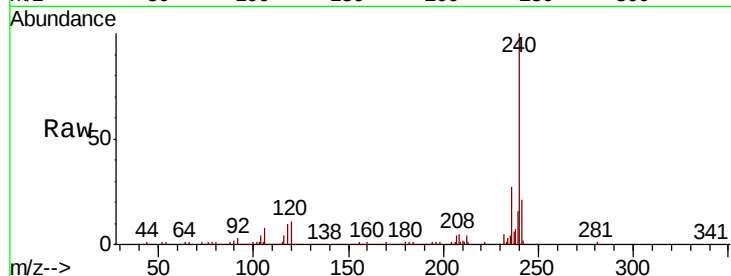




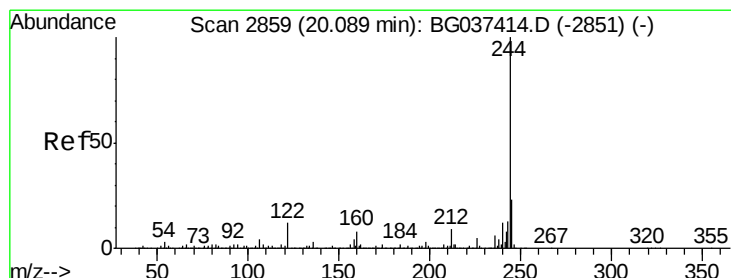
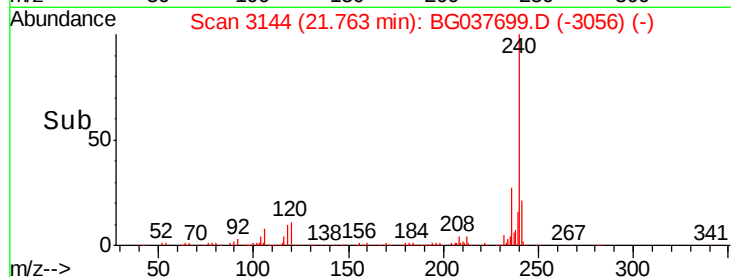
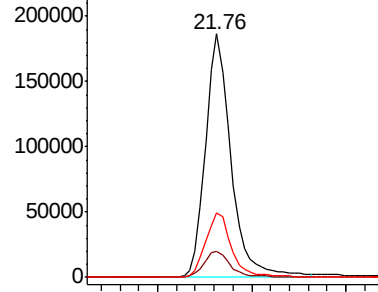
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG037699.D
Acq: 1 Nov 2018 00:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:240 Resp: 354148
Ion Ratio Lower Upper
240 100
120 10.8 8.1 12.1
236 26.6 21.4 32.0

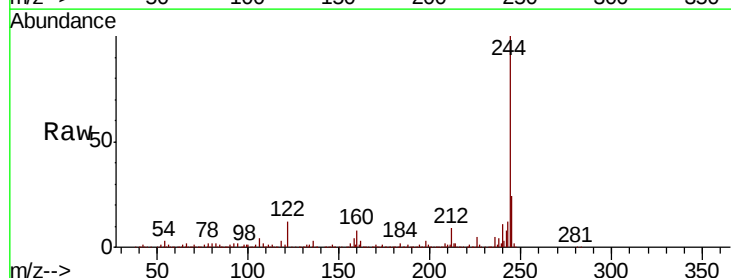


Abundance Ion 240.00 (239.70 to 240.70): E
250000 Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

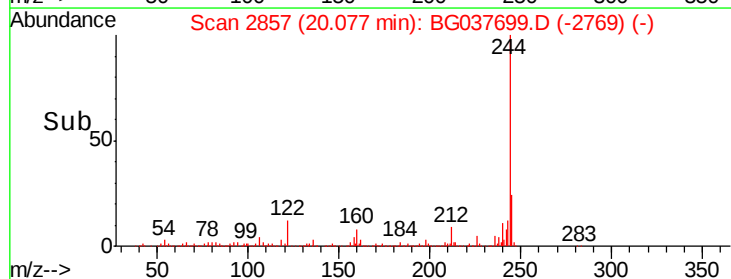
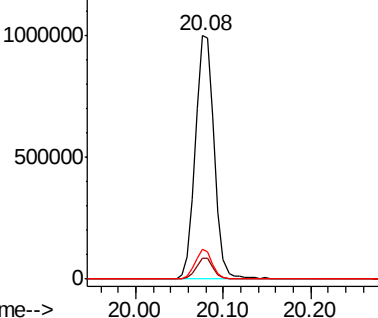


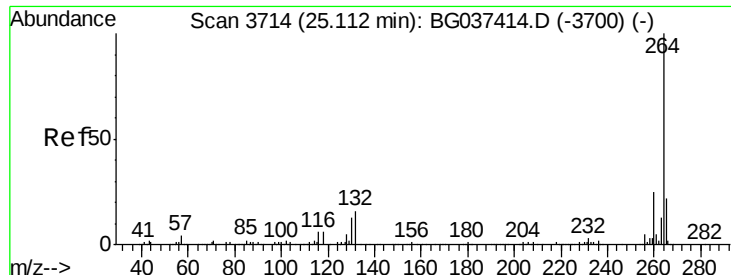
#79
Terphenyl-d14
Concen: 90.447 ng
RT: 20.08 min Scan# 2857
Delta R.T. -0.01 min
Lab File: BG037699.D
Acq: 1 Nov 2018 00:49

Tgt Ion:244 Resp: 1499063
Ion Ratio Lower Upper
244 100
212 8.5 6.5 9.7
122 12.1 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E
1000000 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: BG037699.D
 Acq: 1 Nov 2018 00:49

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	26.2	18.2	27.4
265	22.7	17.9	26.9

