

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102618\
 Data File : BG037600.D
 Acq On : 27 Oct 2018 3:38
 Operator : JU/SJ
 Sample : J5688-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 27 06:46:08 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

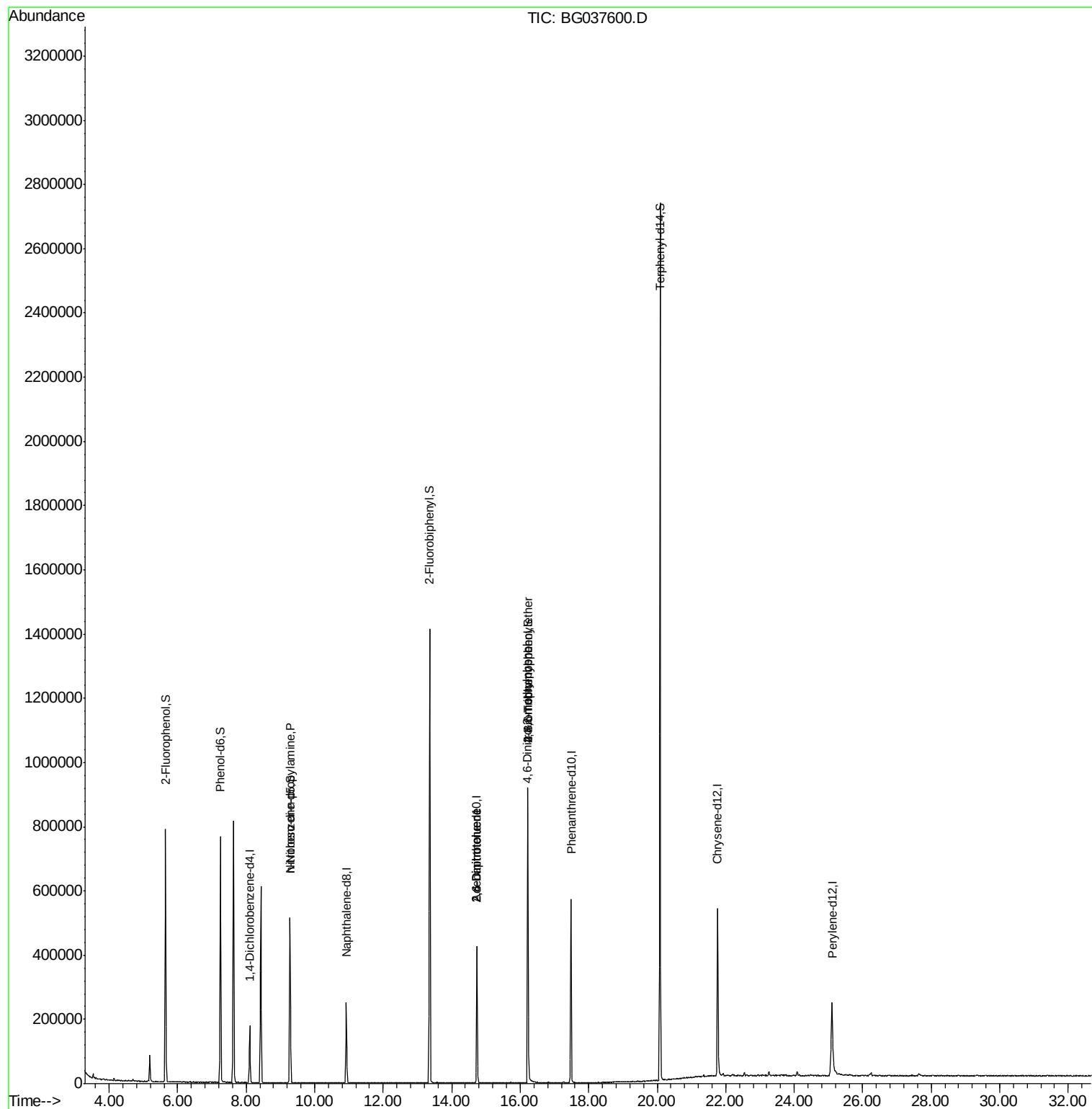
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	53150	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	229164	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	152432	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	372186	20.00	ng	0.00
76) Chrysene-d12	21.76	240	345482	20.00	ng	-0.01
87) Perylene-d12	25.11	264	316772	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	364215	114.57	ng	0.00
7) Phenol-d6	7.24	99	480599	99.97	ng	0.00
23) Nitrobenzene-d5	9.28	82	333867	81.61	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	169354	101.86	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	790966	78.25	ng	0.00
79) Terphenyl-d14	20.08	244	1280618	79.20	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.28	70	40643	12.278	ng	# 70
51) 2,6-Dinitrotoluene	14.73	165	18939	7.260	ng	# 23
57) 2,4-Dinitrotoluene	14.73	165	18939	5.531	ng	# 23
65) 4,6-Dinitro-2-methylphenol	16.21	198	140	8.566	ng	77
67) 4-Bromophenyl-phenylether	16.22	248	12469	3.051	ng	# 1

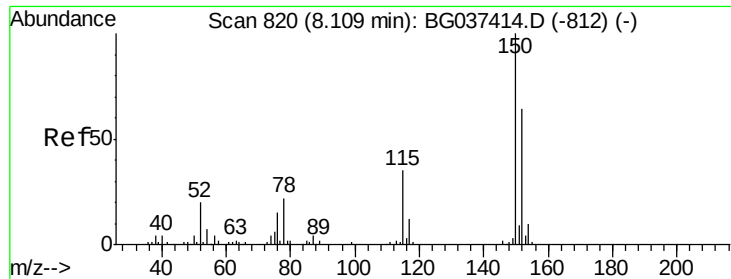
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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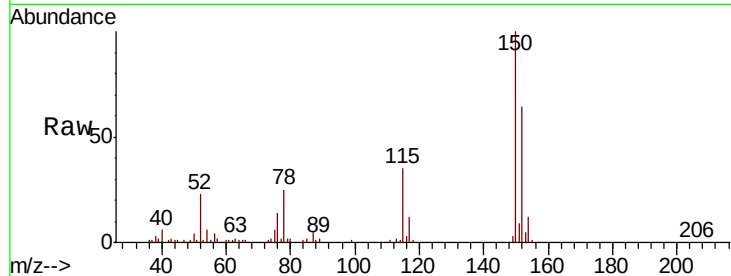


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037600.D
Acq: 27 Oct 2018 3:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	126.0	189.0
115	55.0	45.5	68.3

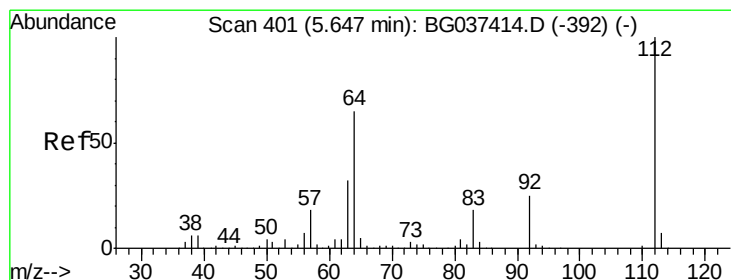
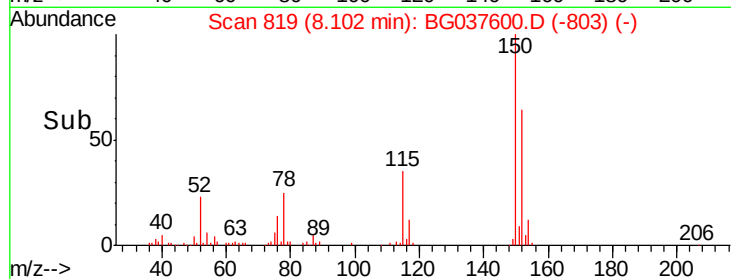
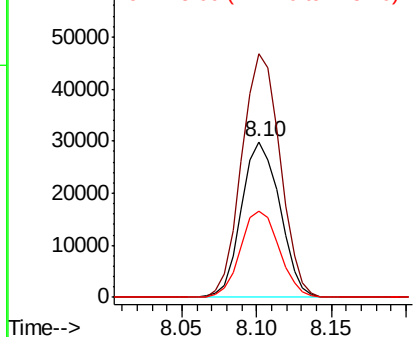


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

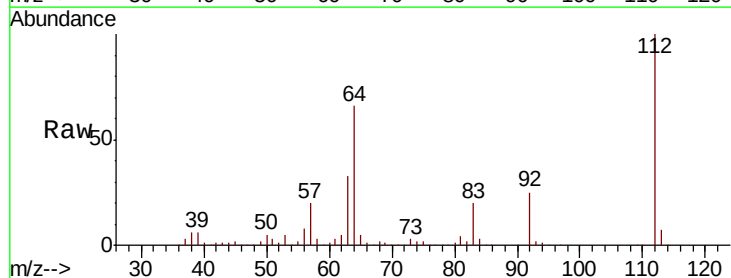
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 114.565 ng
RT: 5.65 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037600.D
Acq: 27 Oct 2018 3:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.2	53.1	79.7
63	33.3	27.3	40.9

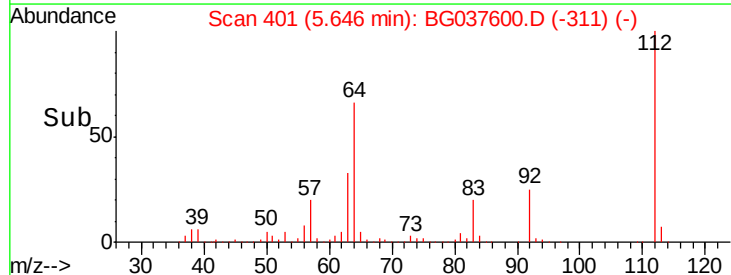
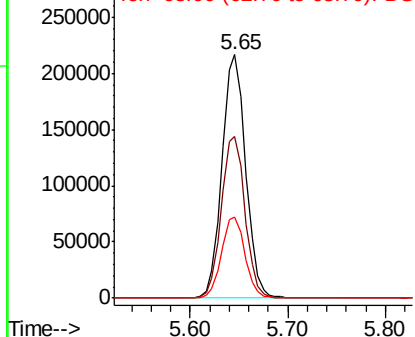


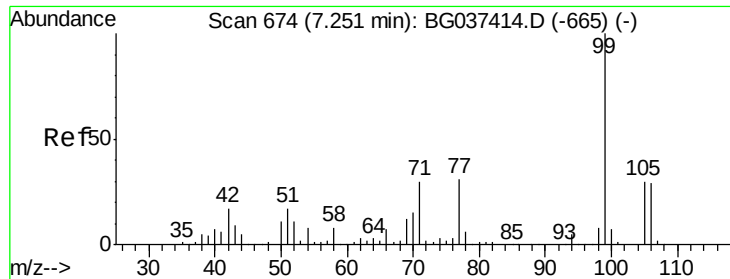
Abundance

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: 99.975 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037600.D

Acq: 27 Oct 2018 3:38

Instrument :

BNA_G

ClientSampled :

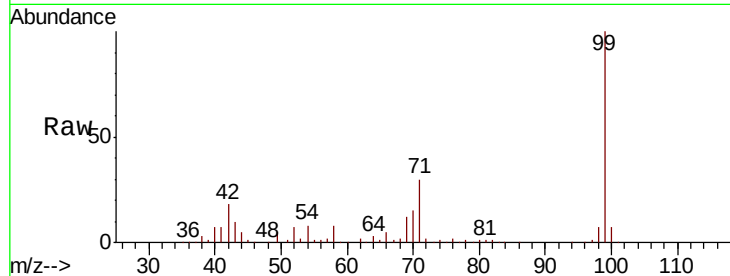
Tot Ion: 99 Resp: 480599

Ion Ratio Lower Upper

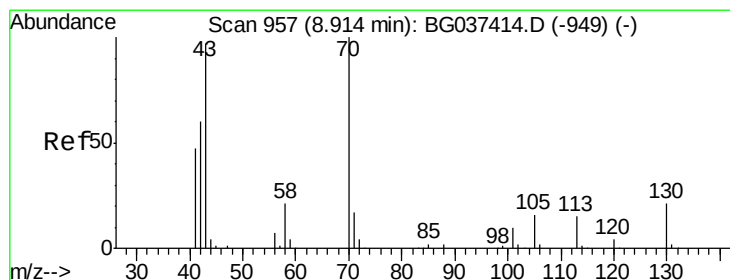
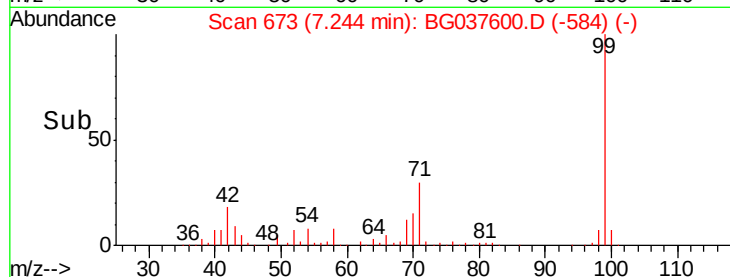
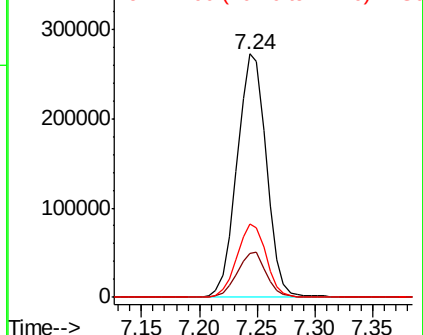
99 100

42 18.2 15.0 22.4

71 30.0 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: 12.278 ng

RT: 9.28 min Scan# 1020

Delta R.T. 0.37 min

Lab File: BG037600.D

Acq: 27 Oct 2018 3:38

Tgt Ion: 70 Resp: 40643

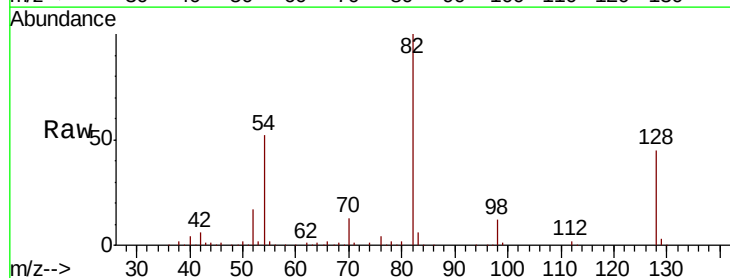
Ion Ratio Lower Upper

70 100

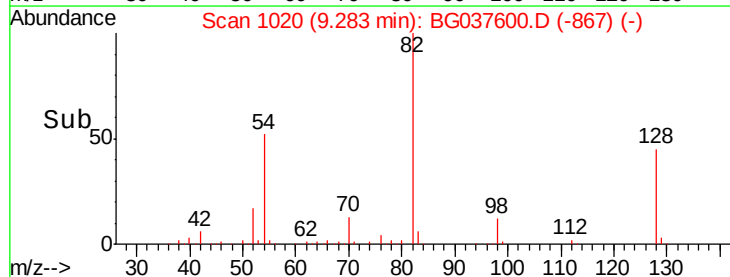
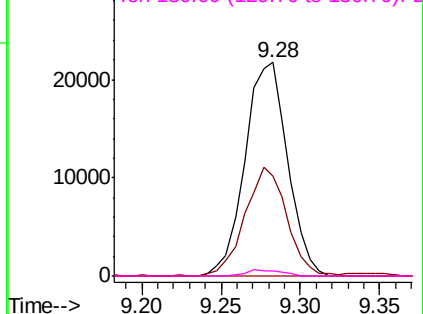
42 46.8 53.9 80.9#

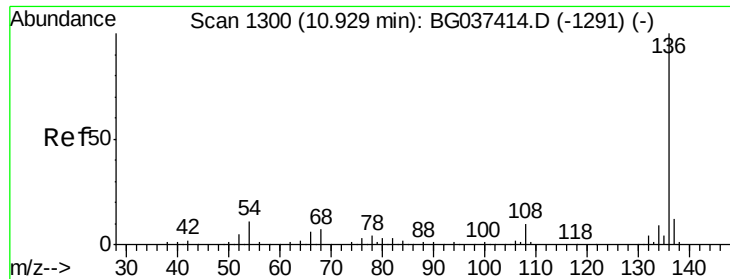
101 0.0 8.2 12.2#

130 2.4 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

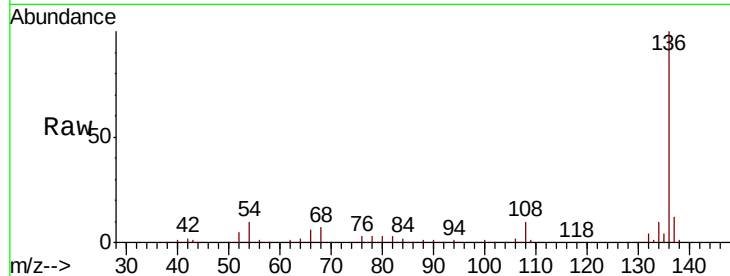




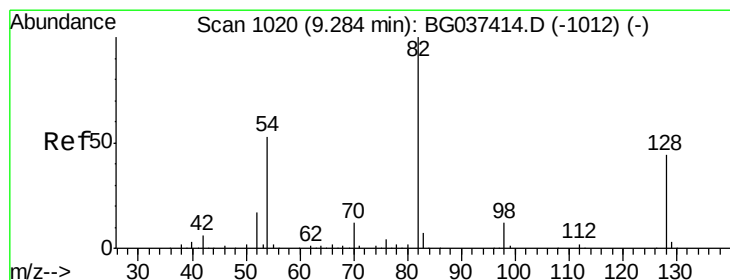
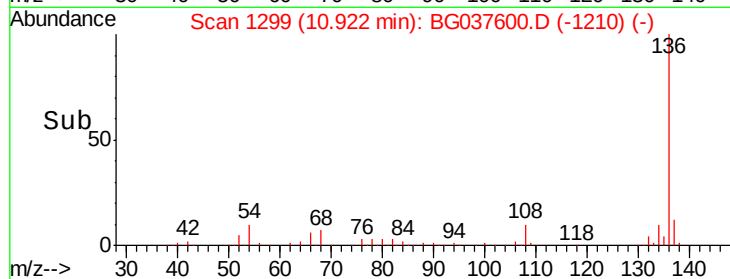
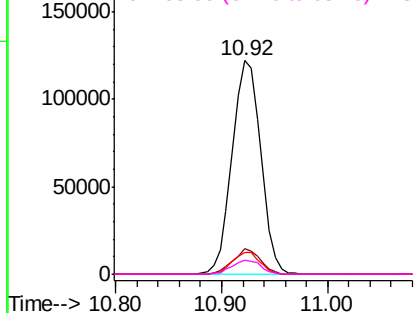
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037600.D
Acq: 27 Oct 2018 3:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	229164
Ion	Ratio	Lower Upper
136	100	
137	12.1	9.6 14.4
54	10.3	7.9 11.9
68	6.7	4.8 7.2

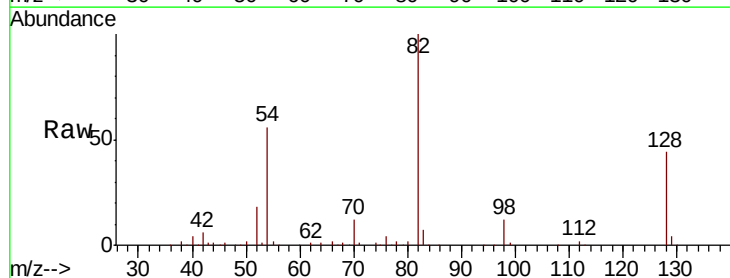


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

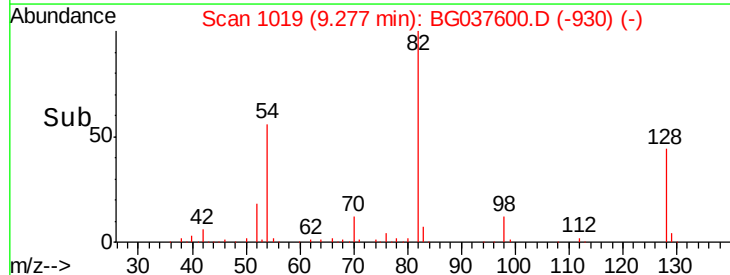
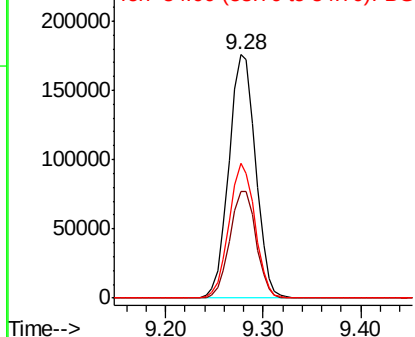


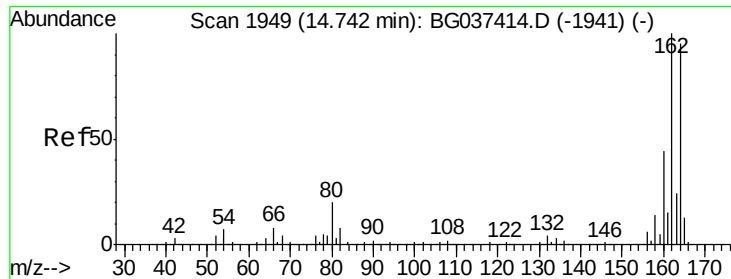
#23
Nitrobenzene-d5
Concen: 81.614 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037600.D
Acq: 27 Oct 2018 3:38

Tgt Ion: 82	Resp:	333867
Ion	Ratio	Lower Upper
82	100	
128	43.6	34.6 51.8
54	55.6	45.3 67.9



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG037600.D

Acq: 27 Oct 2018 3:38

Instrument :

BNA_G

ClientSampled :

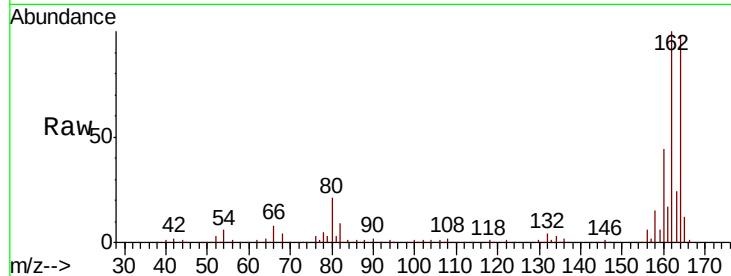
Tot Ion:164 Resp: 152432

Ion Ratio Lower Upper

164 100

162 101.6 81.3 121.9

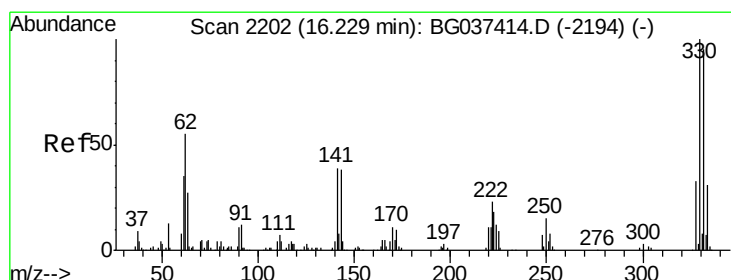
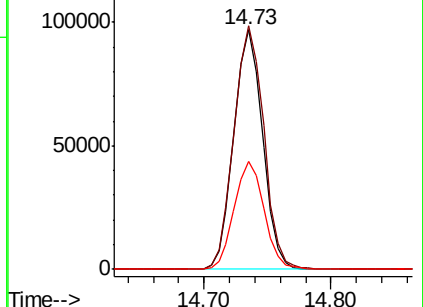
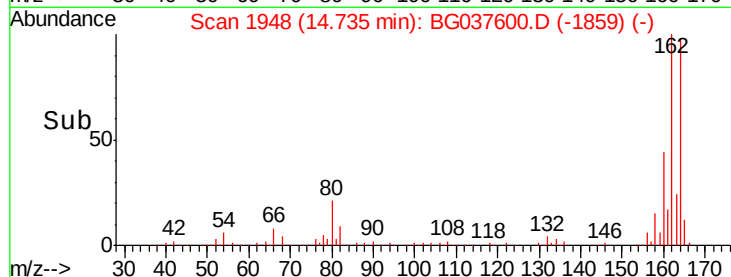
160 45.0 36.3 54.5



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: 101.863 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037600.D

Acq: 27 Oct 2018 3:38

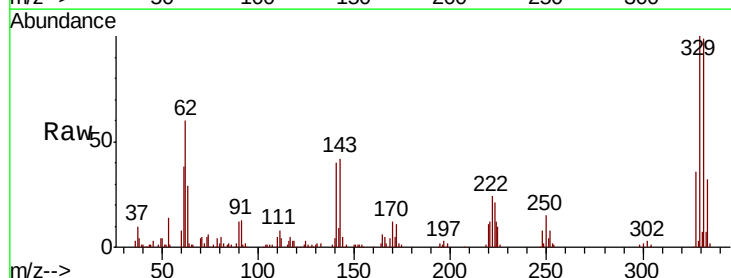
Tgt Ion:330 Resp: 169354

Ion Ratio Lower Upper

330 100

332 94.9 78.4 117.6

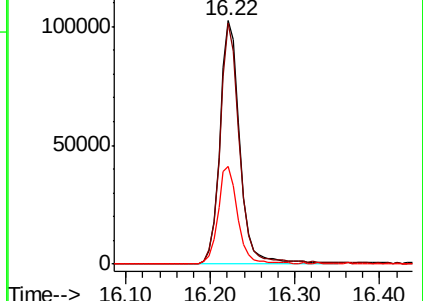
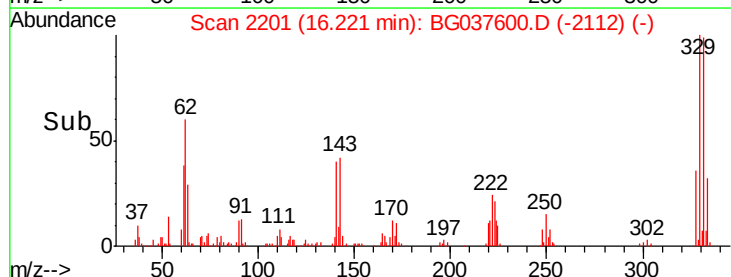
141 39.8 32.2 48.2

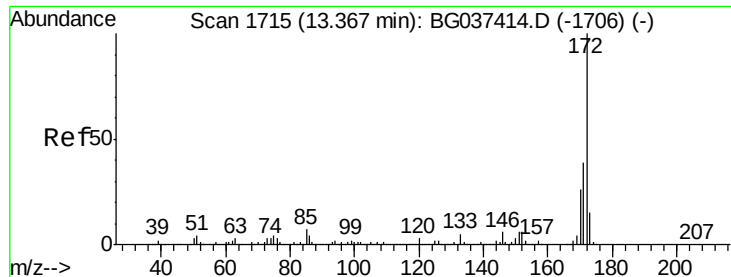


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

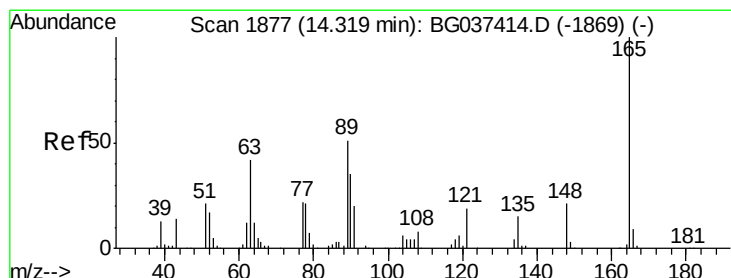
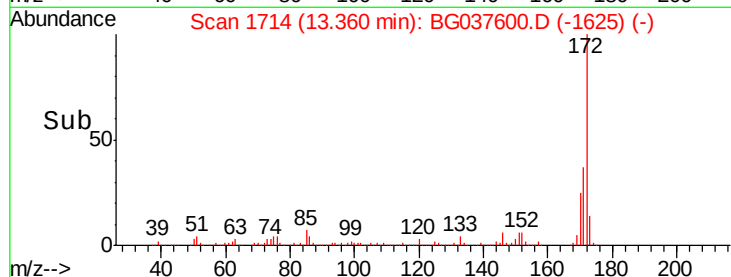
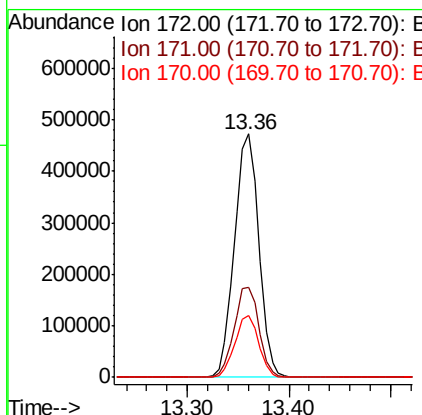
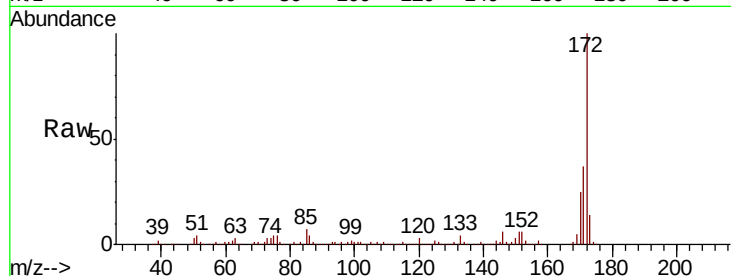




#45
2-Fluorobiphenyl
Concen: 78.247 ng
RT: 13.36 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG037600.D
Acq: 27 Oct 2018 3:38

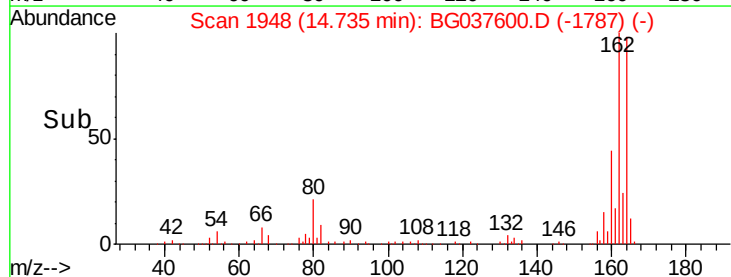
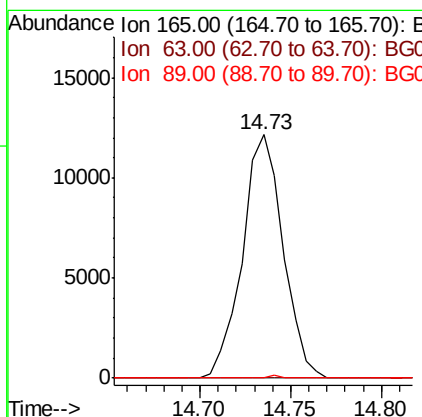
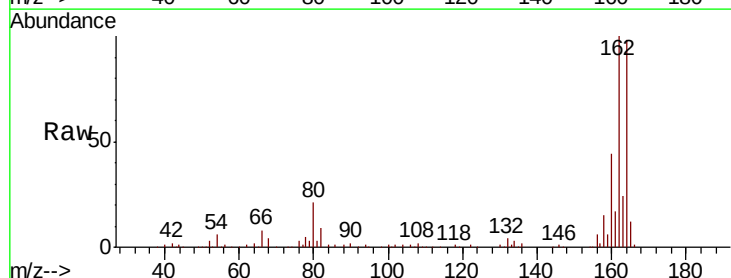
Instrument :
BNA_G
ClientSampleId :

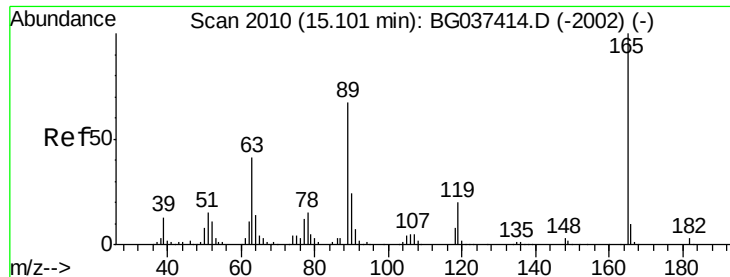
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.2	31.0	46.4
170	25.3	20.2	30.2



#51
2,6-Dinitrotoluene
Concen: 7.260 ng
RT: 14.73 min Scan# 1948
Delta R.T. 0.42 min
Lab File: BG037600.D
Acq: 27 Oct 2018 3:38

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

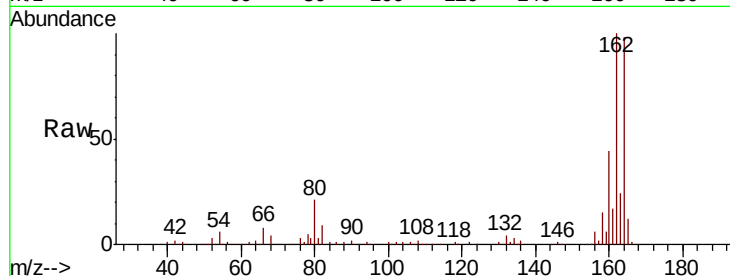




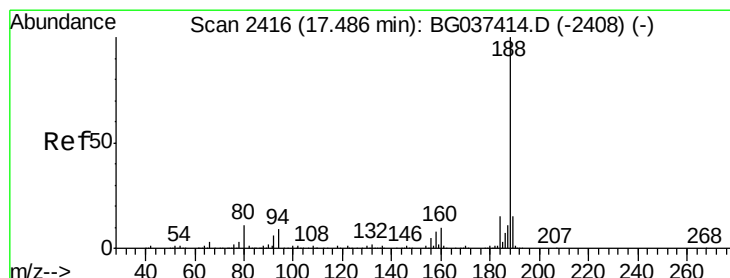
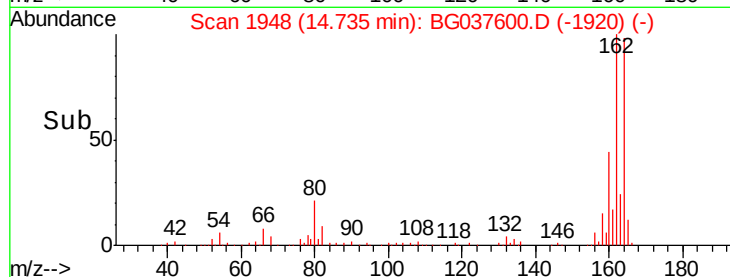
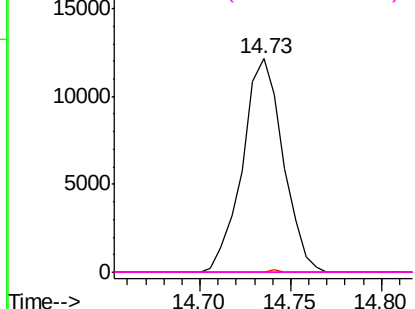
#57
 2,4-Dinitrotoluene
 Concen: 5.531 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.37 min
 Lab File: BG037600.D
 Acq: 27 Oct 2018 3:38

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165	Resp:	18939
Ion Ratio	Lower	Upper
165	100	
63	0.0	33.4 50.0#
89	0.0	57.2 85.8#
182	0.0	2.6 4.0#

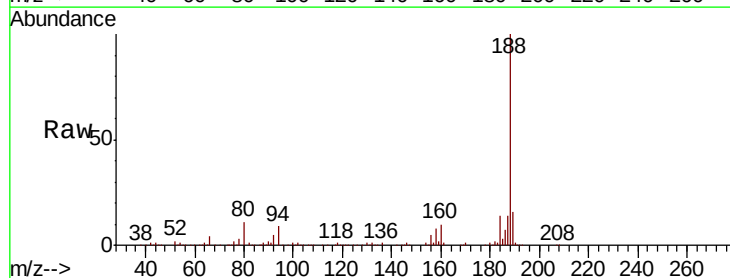


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

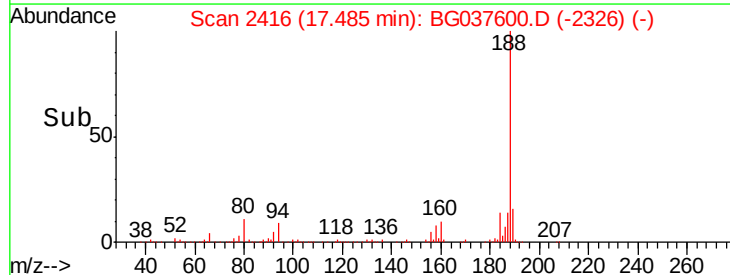
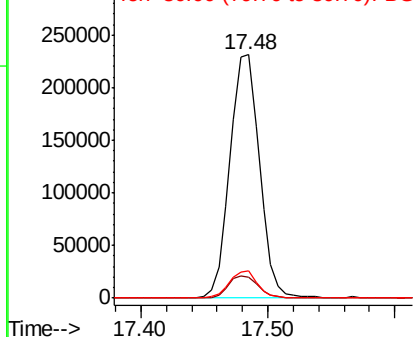


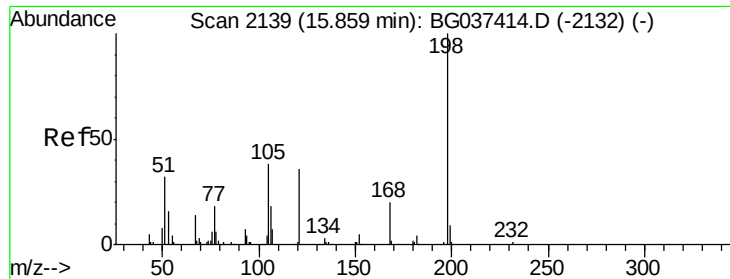
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2416
 Delta R.T. -0.00 min
 Lab File: BG037600.D
 Acq: 27 Oct 2018 3:38

Tgt Ion:188	Resp:	372186
Ion Ratio	Lower	Upper
188	100	
94	8.8	7.2 10.8
80	11.0	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: 8.566 ng

RT: 16.21 min Scan# 2199

Delta R.T. 0.35 min

Lab File: BG037600.D

Acq: 27 Oct 2018 3:38

Instrument :

BNA_G

ClientSampled :

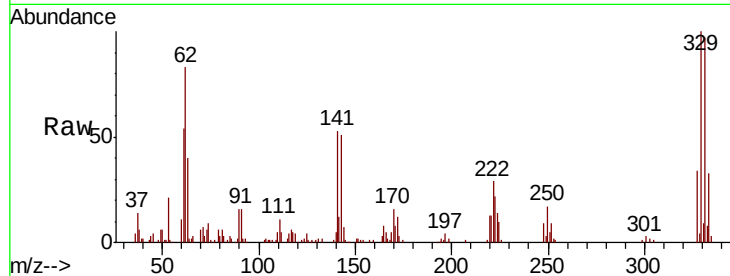
Tot Ion:198 Resp: 140

Ion Ratio Lower Upper

198 100

51 23.9 22.7 62.7

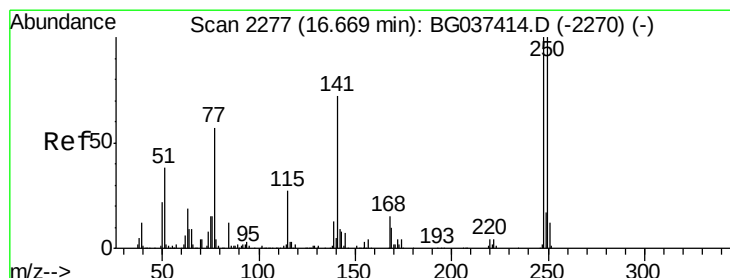
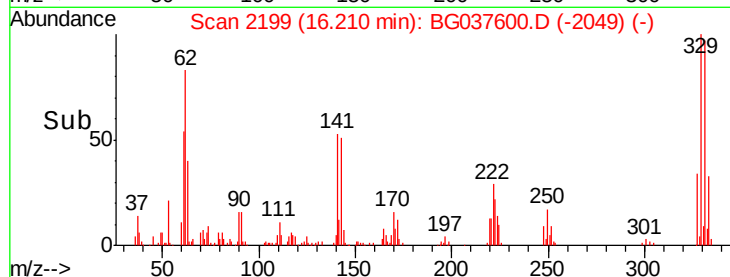
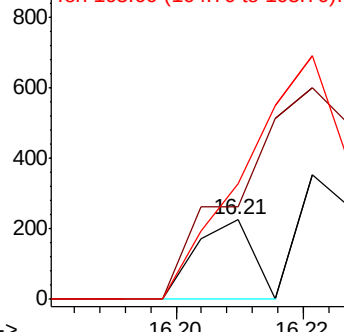
105 29.8 19.7 59.7



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: 3.051 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.45 min

Lab File: BG037600.D

Acq: 27 Oct 2018 3:38

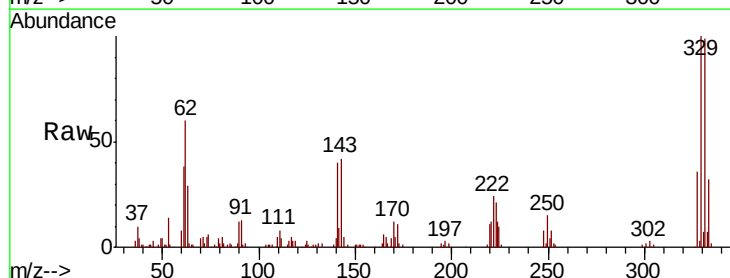
Tgt Ion:248 Resp: 12469

Ion Ratio Lower Upper

248 100

250 192.2 77.0 115.6#

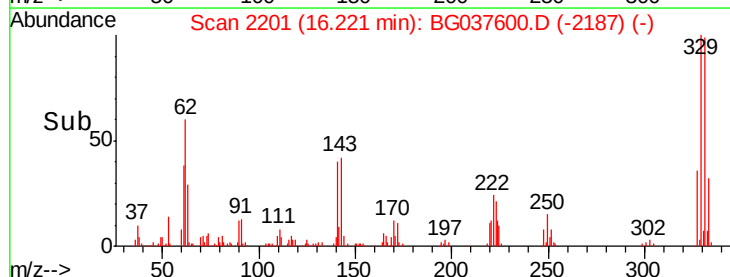
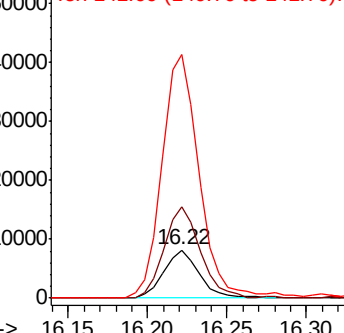
141 401.6 55.5 83.3#

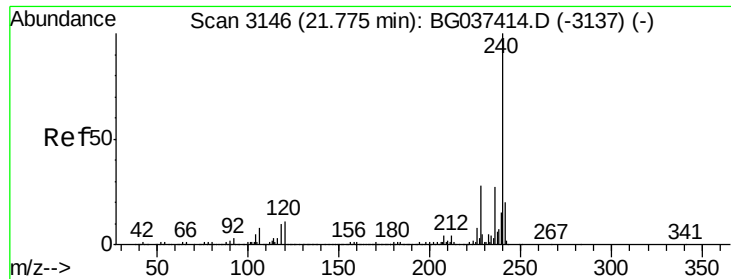


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

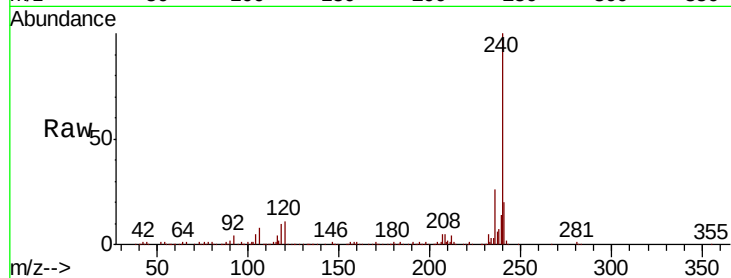




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.76 min Scan# 3144
 Delta R.T. -0.01 min
 Lab File: BG037600.D
 Acq: 27 Oct 2018 3:38

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.5	8.1	12.1
236	26.2	21.4	32.0

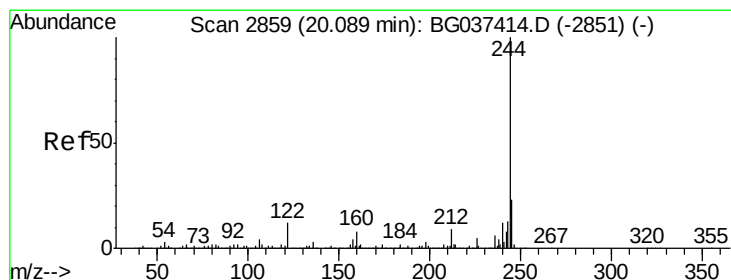
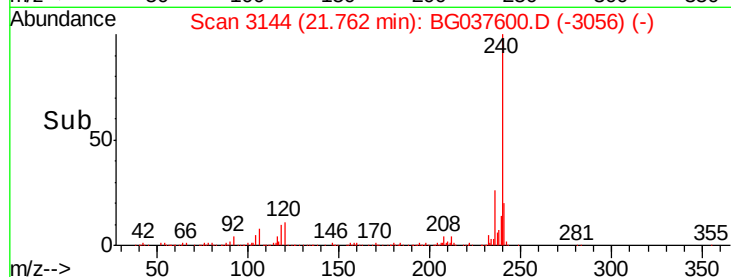
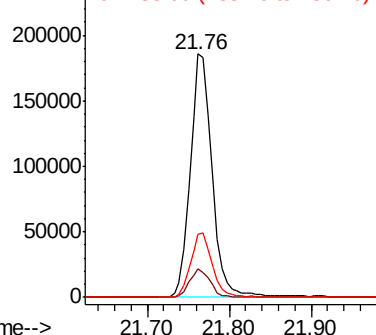


Abundance

Ion 240.00 (239.70 to 240.70): E

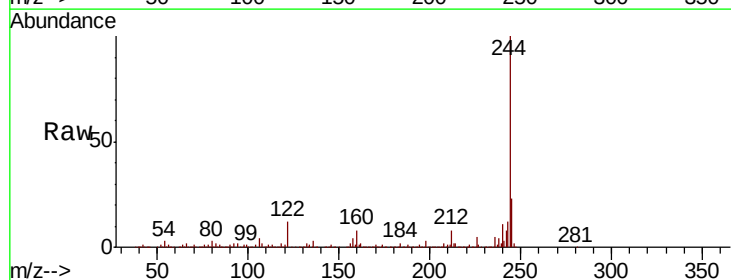
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#79
 Terphenyl-d14
 Concen: 79.205 ng
 RT: 20.08 min Scan# 2858
 Delta R.T. -0.01 min
 Lab File: BG037600.D
 Acq: 27 Oct 2018 3:38

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.5	9.7
122	11.6	9.0	13.4

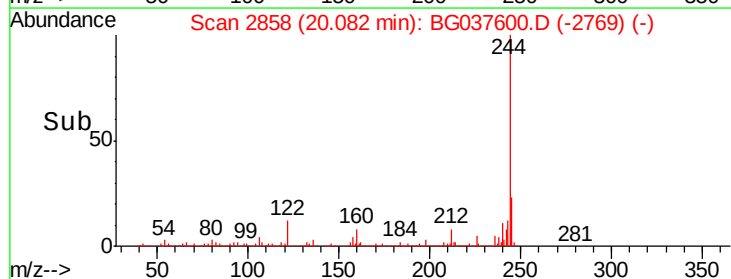
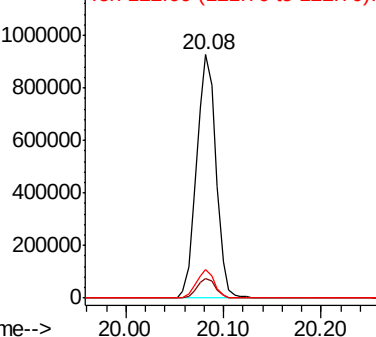


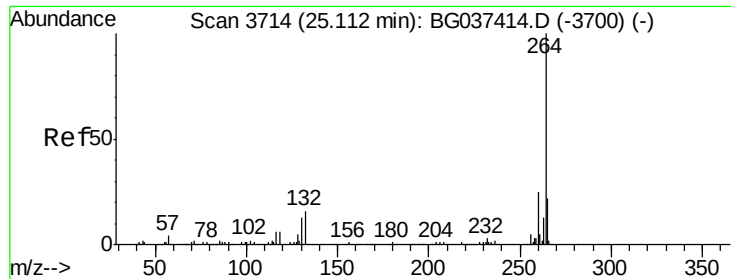
Abundance

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

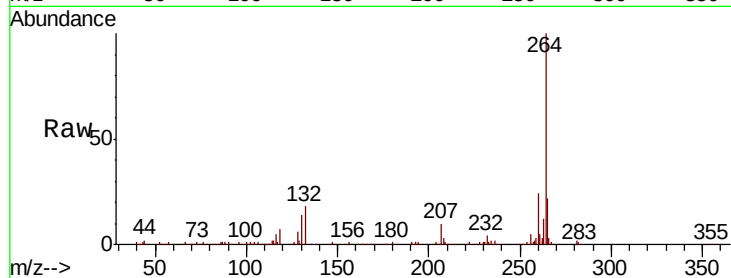




#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.11 min Scan# 3713
Delta R.T. -0.01 min
Lab File: BG037600.D
Acq: 27 Oct 2018 3:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.2	27.4
265	21.9	17.9	26.9



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

