

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103118\
 Data File : BG037707.D
 Acq On : 1 Nov 2018 7:23
 Operator : JU/SJ
 Sample : J5731-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 01 09:18:23 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

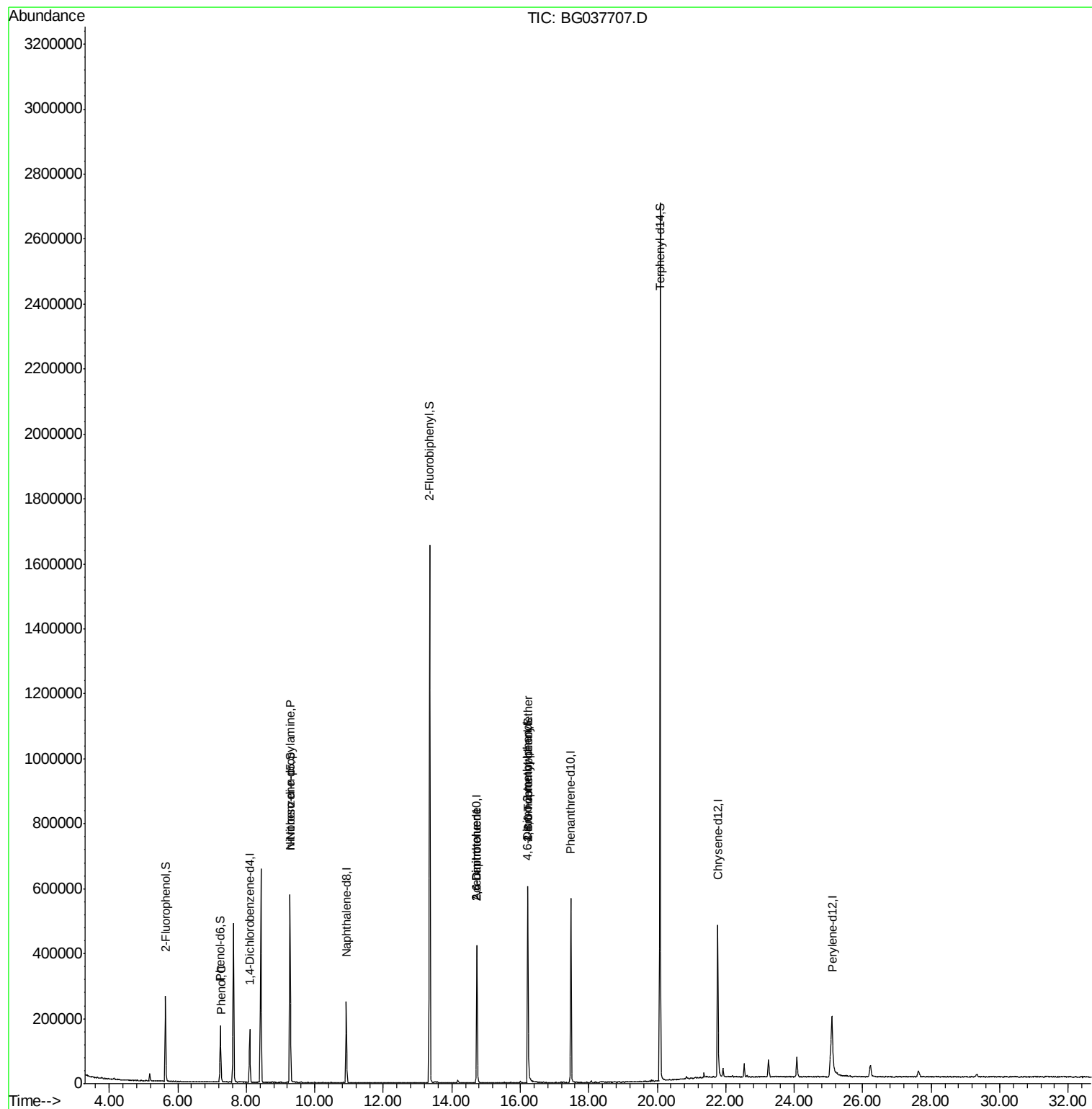
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	50071	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	219371	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	153322	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	362279	20.00	ng	0.00
76) Chrysene-d12	21.77	240	323918	20.00	ng	0.00
87) Perylene-d12	25.10	264	256236	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	123038	41.08	ng	0.00
7) Phenol-d6	7.24	99	113635	25.09	ng	0.00
23) Nitrobenzene-d5	9.27	82	368459	94.09	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	122438	73.22	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	917242	90.21	ng	-0.02
79) Terphenyl-d14	20.08	244	1340441	88.42	ng	0.00
Target Compounds						
10) Phenol	7.27	94	14340	3.001	ng	91
19) n-Nitroso-di-n-propylamine	9.27	70	46488	14.907	ng	# 68
51) 2,6-Dinitrotoluene	14.73	165	19700	7.508	ng	# 26
57) 2,4-Dinitrotoluene	14.73	165	19700	5.719	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.21	198	551	8.746	ng	95
67) 4-Bromophenyl-phenylether	16.22	248	8624	2.168	ng	# 1

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

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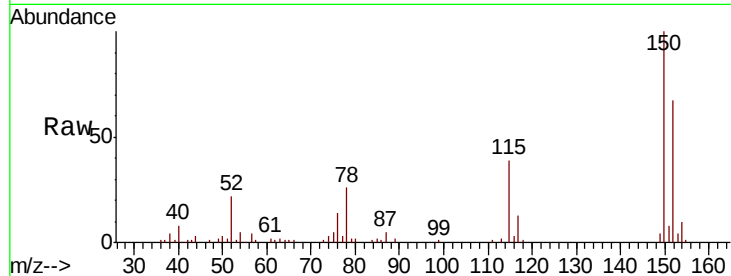


#1

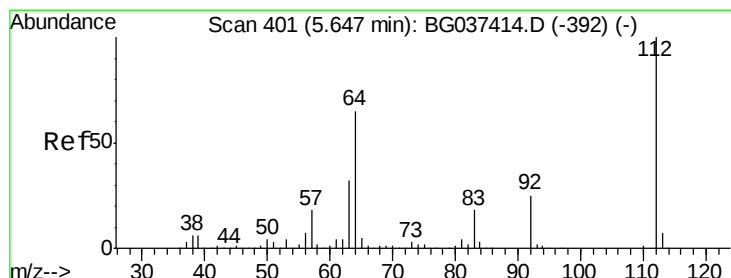
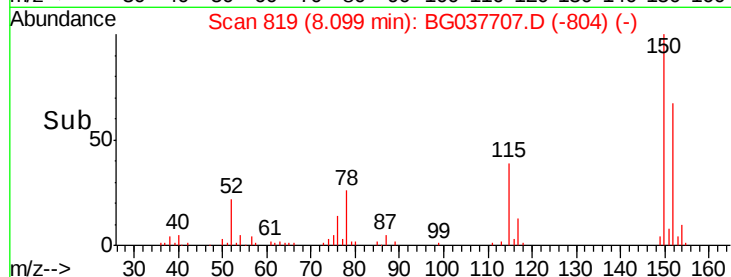
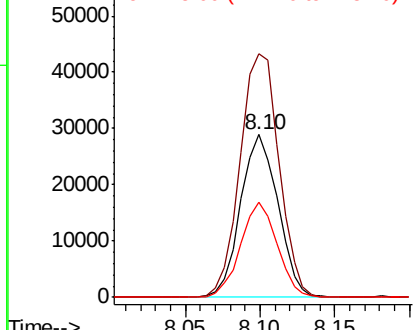
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037707.D
Acq: 1 Nov 2018 7:23

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 50071
Ion Ratio Lower Upper
152 100
150 149.8 126.0 189.0
115 58.4 45.5 68.3



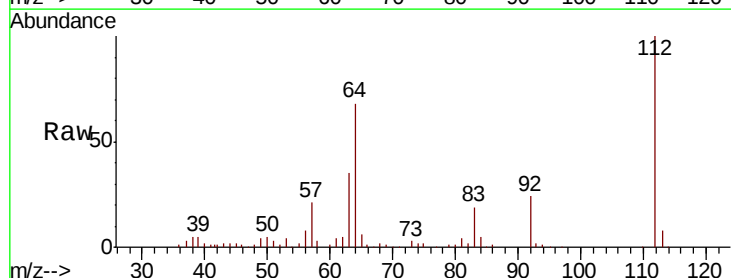
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



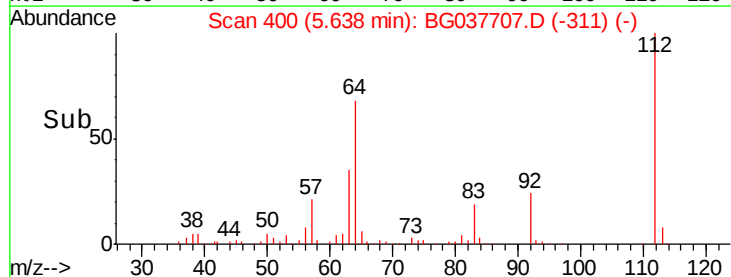
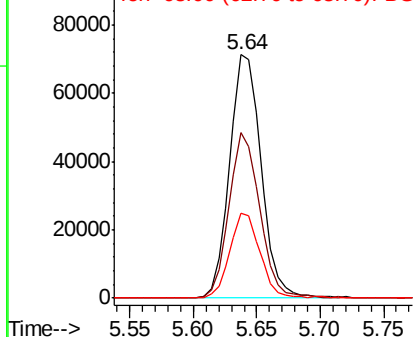
#5

2-Fluorophenol
Concen: 41.082 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037707.D
Acq: 1 Nov 2018 7:23

Tgt Ion:112 Resp: 123038
Ion Ratio Lower Upper
112 100
64 68.2 53.1 79.7
63 34.8 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: 25.092 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037707.D

Acq: 1 Nov 2018 7:23

Instrument :

BNA_G

ClientSampleId :

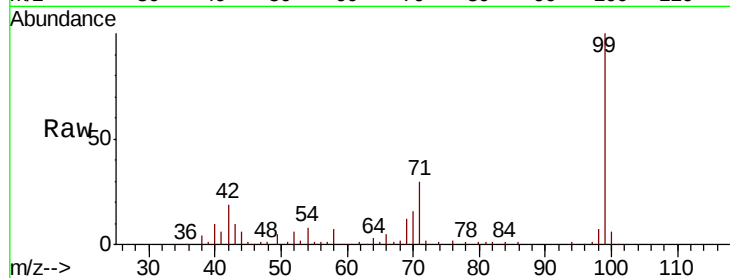
Tot Ion: 99 Resp: 113635

Ion Ratio Lower Upper

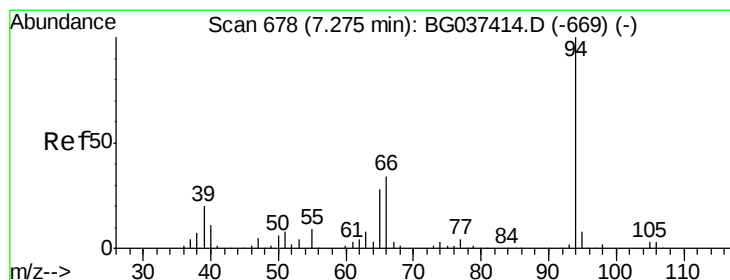
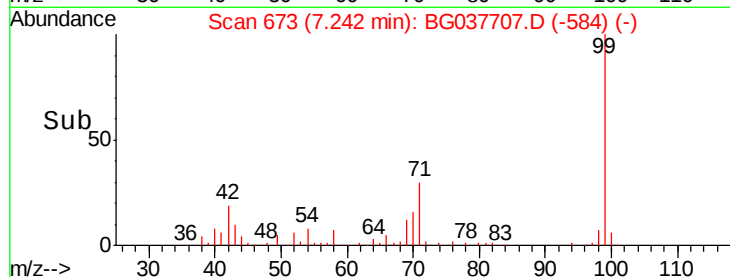
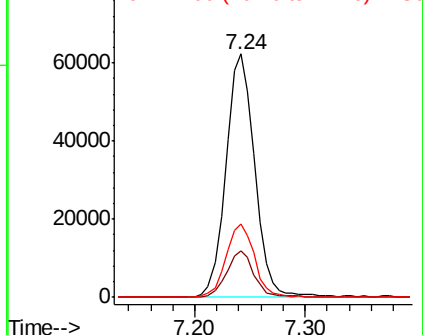
99 100

42 18.9 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



#10

Phenol

Concen: 3.001 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG037707.D

Acq: 1 Nov 2018 7:23

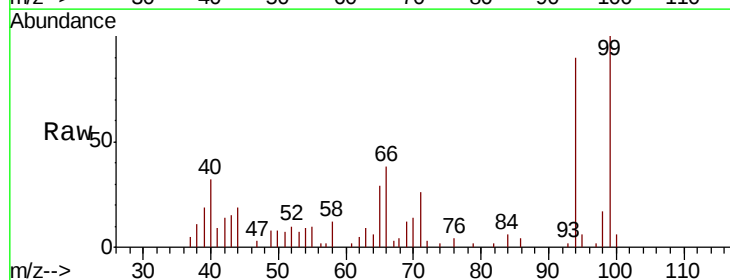
Tgt Ion: 94 Resp: 14340

Ion Ratio Lower Upper

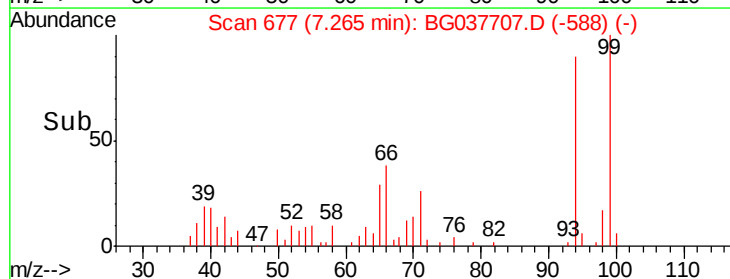
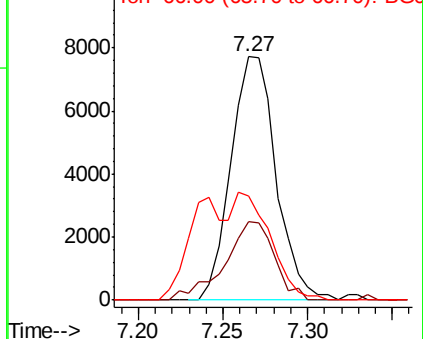
94 100

65 32.5 9.7 49.7

66 42.6 15.9 55.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

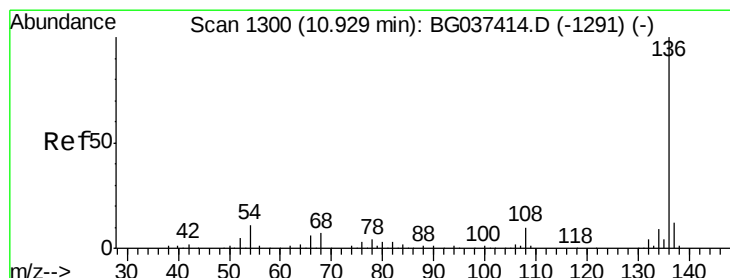
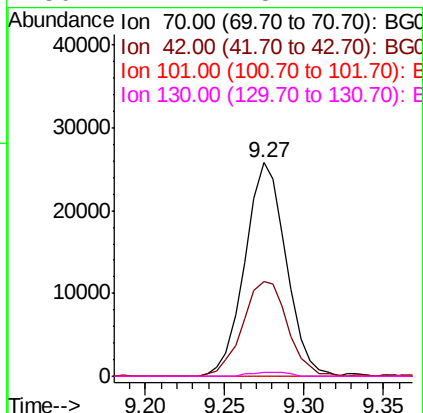
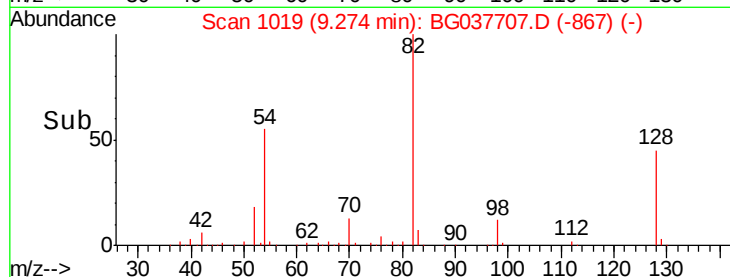
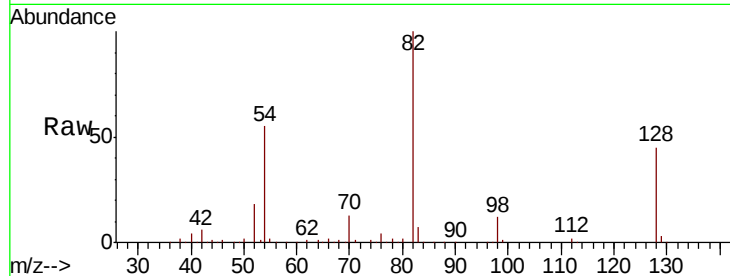




#19
n-Nitroso-di-n-propylamine
Concen: 14.907 ng
RT: 9.27 min Scan# 1019
Delta R.T. 0.36 min
Lab File: BG037707.D
Acq: 1 Nov 2018 7:23

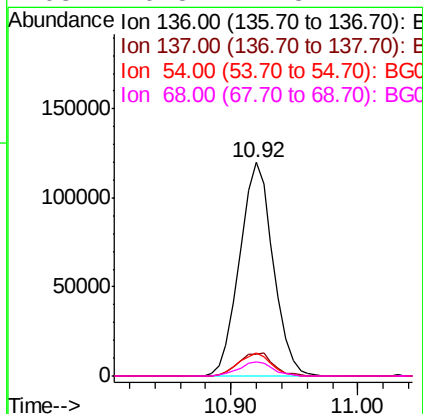
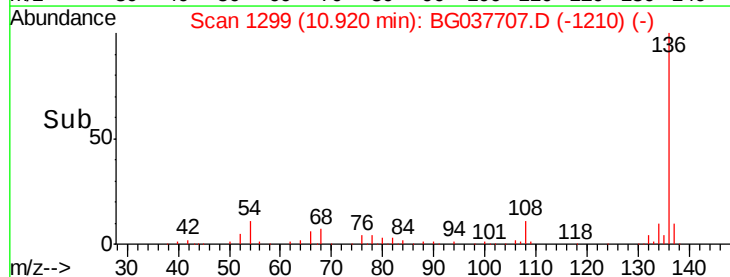
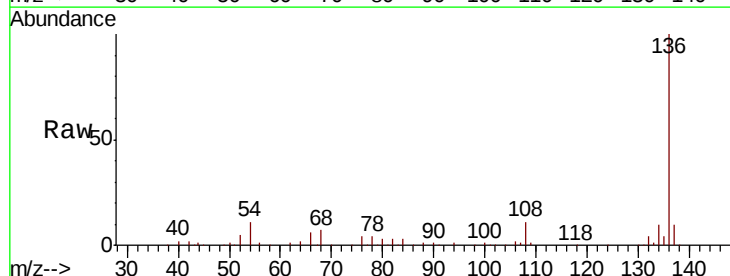
Instrument :
BNA_G
ClientSampled :

Tot Ion: 70 Resp: 46488
Ion Ratio Lower Upper
70 100
42 44.5 53.9 80.9#
101 0.0 8.2 12.2#
130 1.7 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037707.D
Acq: 1 Nov 2018 7:23

Tgt Ion: 136 Resp: 219371
Ion Ratio Lower Upper
136 100
137 10.4 9.6 14.4
54 11.0 7.9 11.9
68 6.8 4.8 7.2

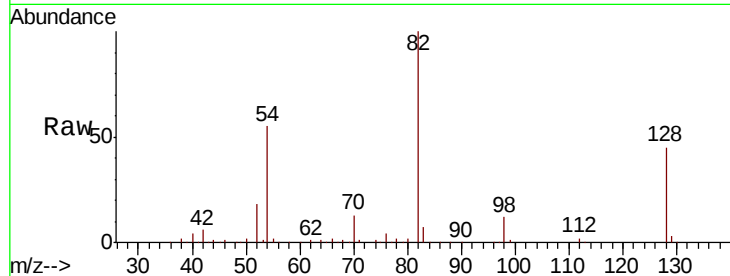




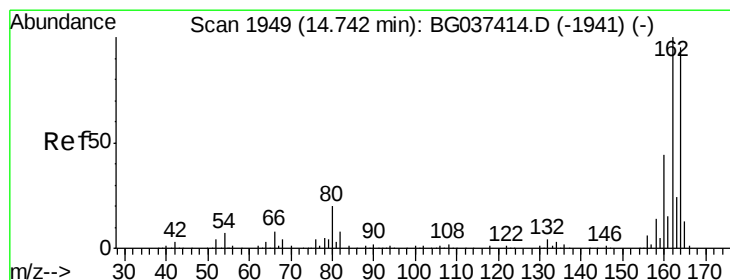
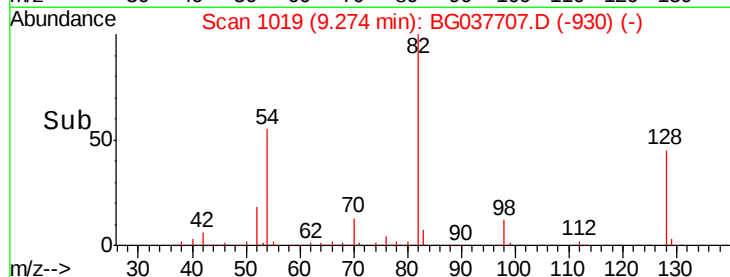
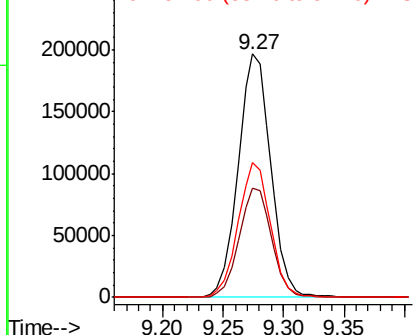
#23
Nitrobenzene-d5
Concen: 94.090 ng
RT: 9.27 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037707.D
Acq: 1 Nov 2018 7:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion	82	Resp	368459
Ion Ratio	100	Lower	Upper
128	44.8	34.6	51.8
54	55.4	45.3	67.9

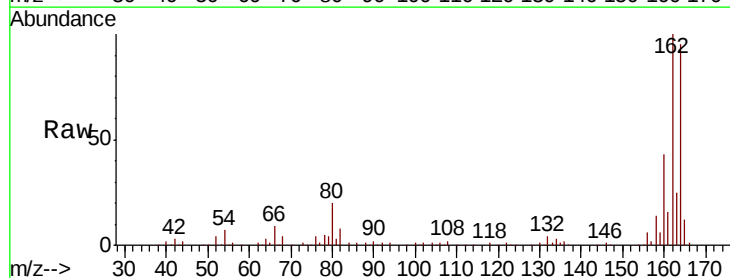


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

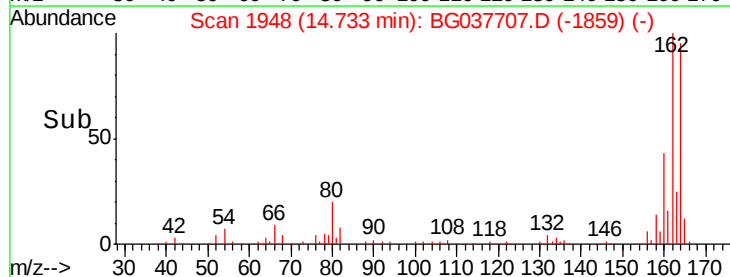
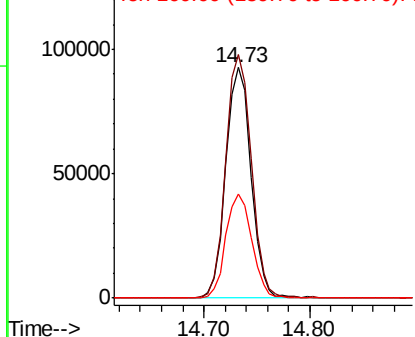


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG037707.D
Acq: 1 Nov 2018 7:23

Tgt Ion	164	Resp	153322
Ion Ratio	100	Lower	Upper
162	105.7	81.3	121.9
160	45.4	36.3	54.5



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

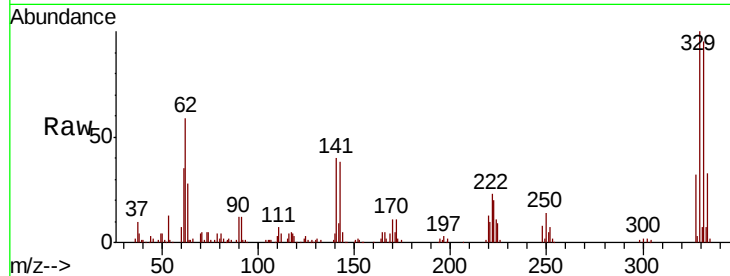




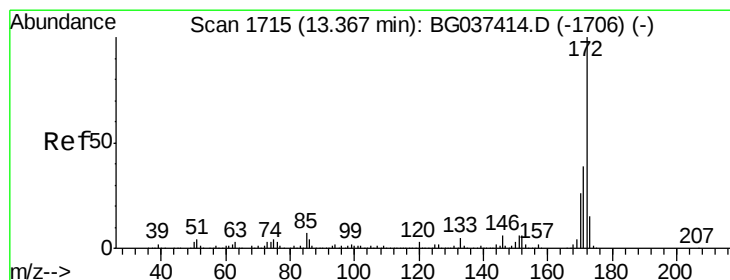
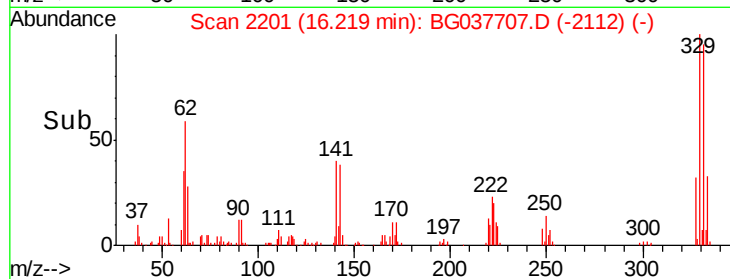
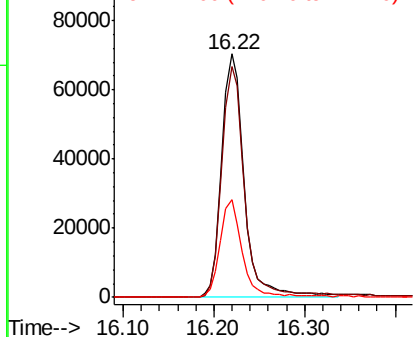
#42
 2,4,6-Tribromophenol
 Concen: 73.217 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.01 min
 Lab File: BG037707.D
 Acq: 1 Nov 2018 7:23

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.7	78.4	117.6
141	39.0	32.2	48.2

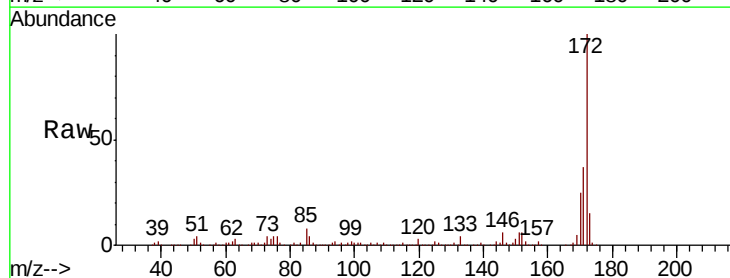


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

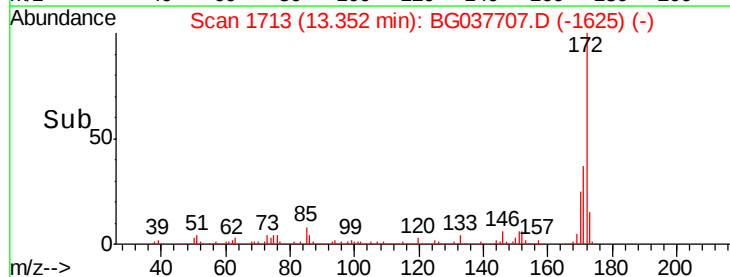
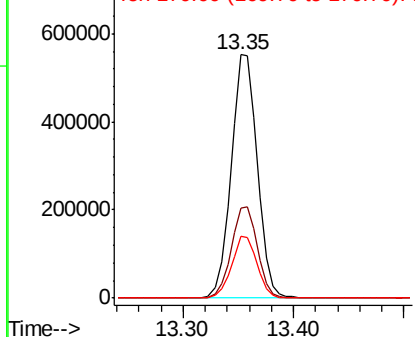


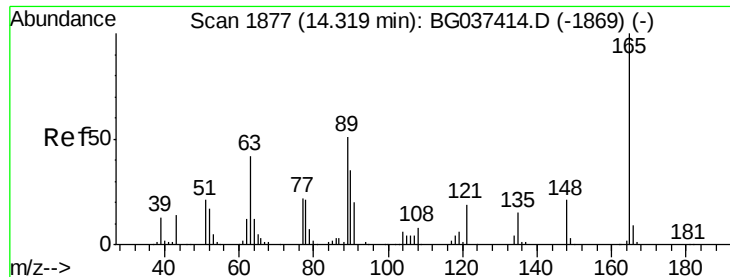
#45
 2-Fluorobiphenyl
 Concen: 90.212 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.02 min
 Lab File: BG037707.D
 Acq: 1 Nov 2018 7:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	31.0	46.4
170	25.3	20.2	30.2



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

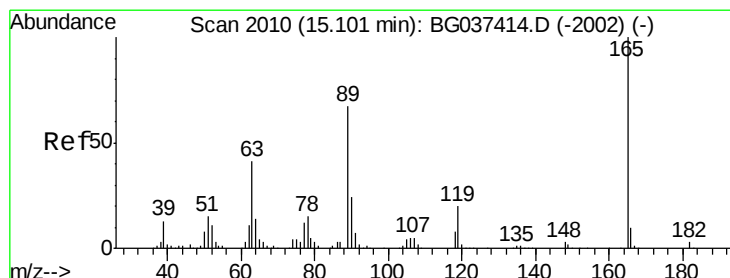
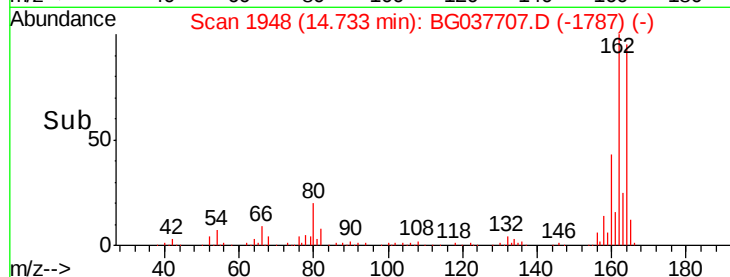
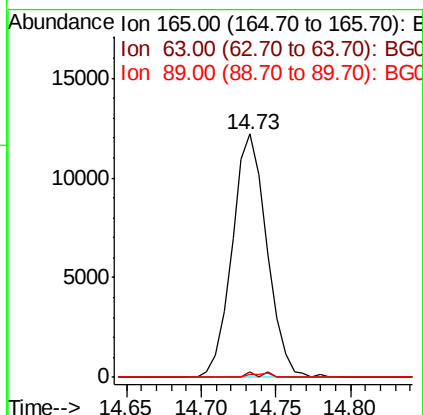
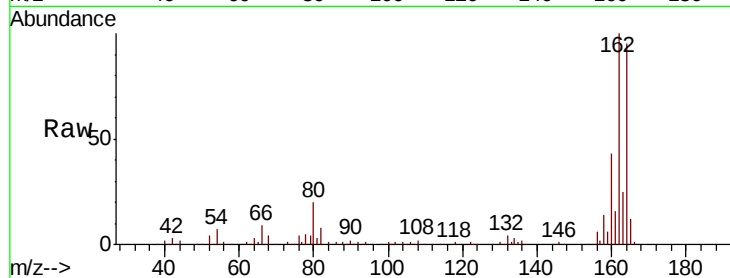




#51
 2,6-Dinitrotoluene
 Concen: 7.508 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. 0.41 min
 Lab File: BG037707.D
 Acq: 1 Nov 2018 7:23

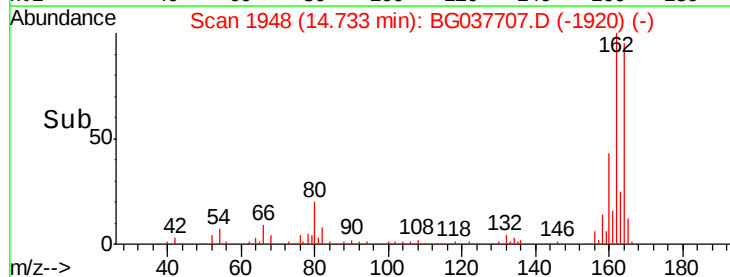
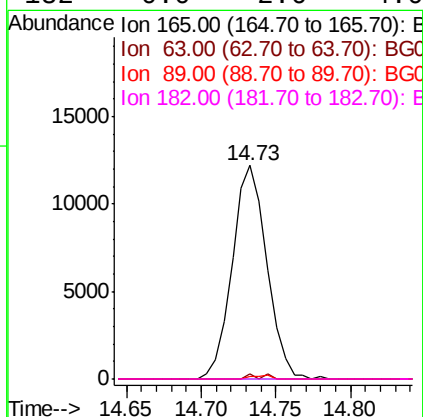
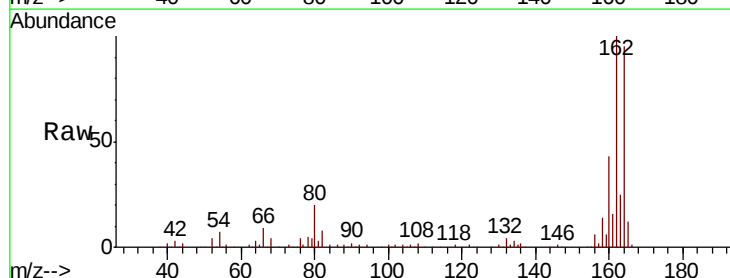
Instrument :
 BNA_G
 ClientSampleId :

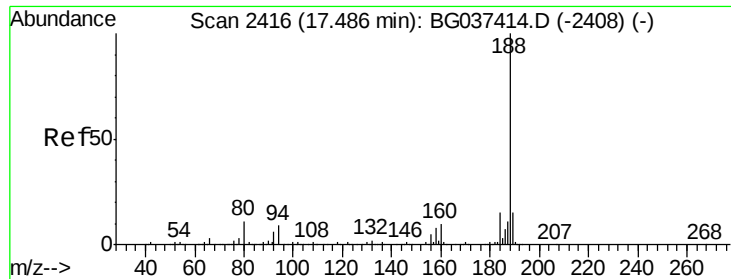
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.3	43.4	65.2#
89	1.3	45.8	68.6#



#57
 2,4-Dinitrotoluene
 Concen: 5.719 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.37 min
 Lab File: BG037707.D
 Acq: 1 Nov 2018 7:23

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.3	33.4	50.0#
89	1.3	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: BG037707.D

Acq: 1 Nov 2018 7:23

Instrument :

BNA_G

ClientSampleId :

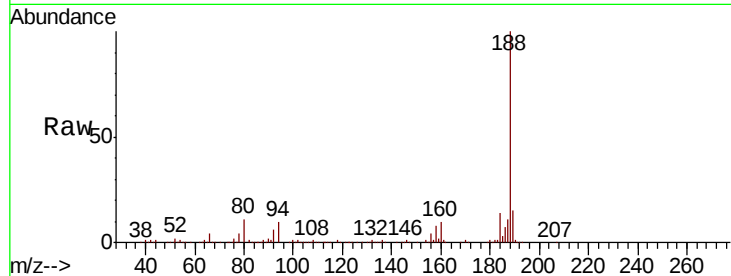
Tot Ion:188 Resp: 362279

Ion Ratio Lower Upper

188 100

94 9.5 7.2 10.8

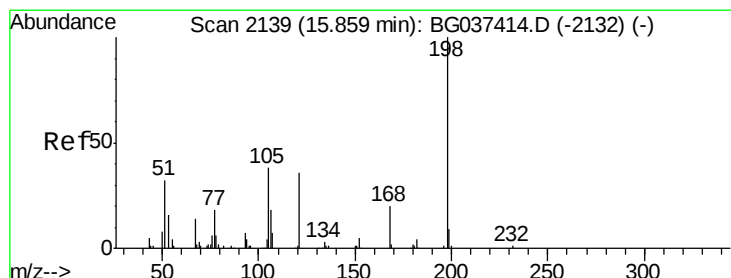
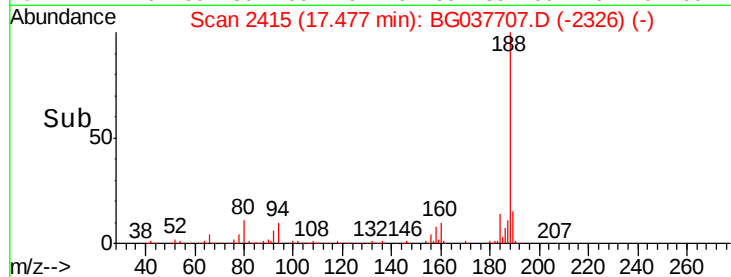
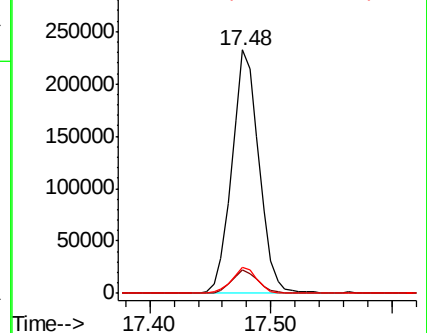
80 10.6 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#65

4,6-Dinitro-2-methylphenol

Concen: 8.746 ng

RT: 16.21 min Scan# 2199

Delta R.T. 0.35 min

Lab File: BG037707.D

Acq: 1 Nov 2018 7:23

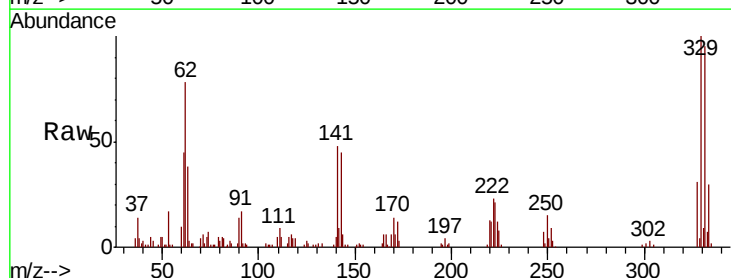
Tgt Ion:198 Resp: 551

Ion Ratio Lower Upper

198 100

51 48.3 22.7 62.7

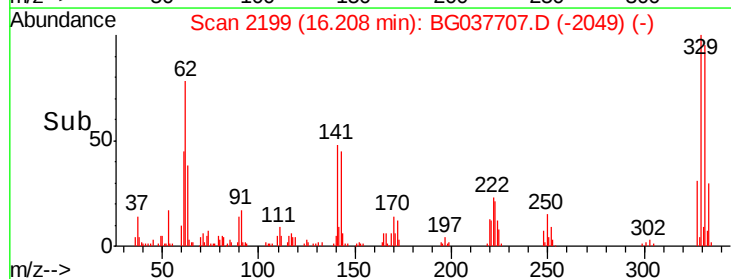
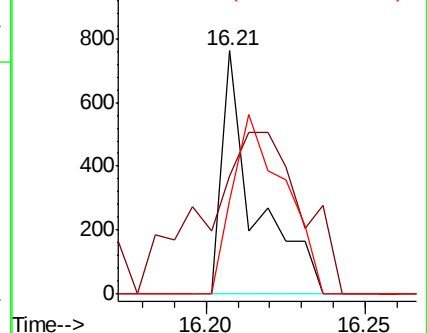
105 38.6 19.7 59.7



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

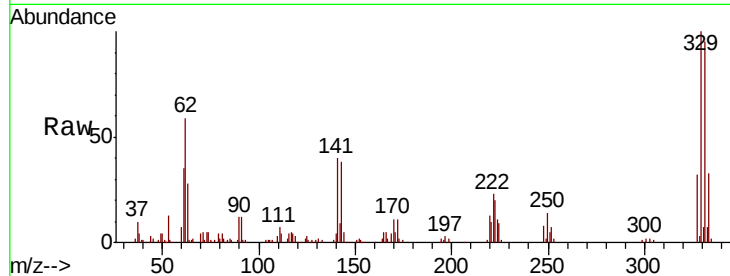




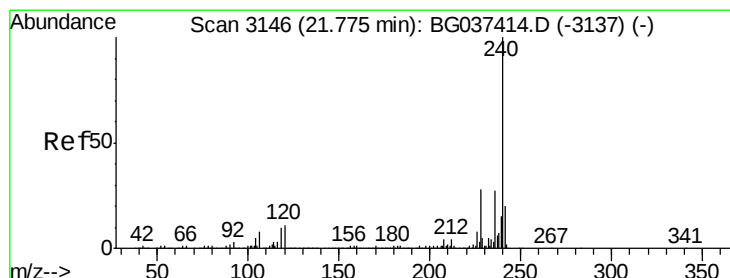
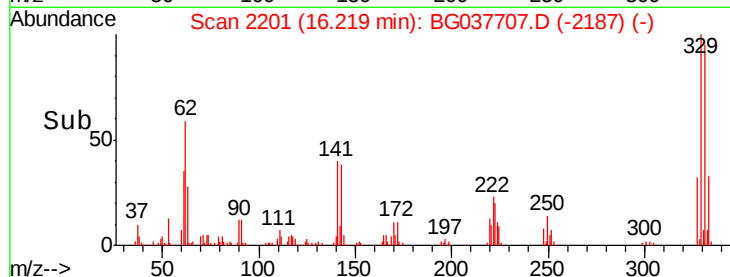
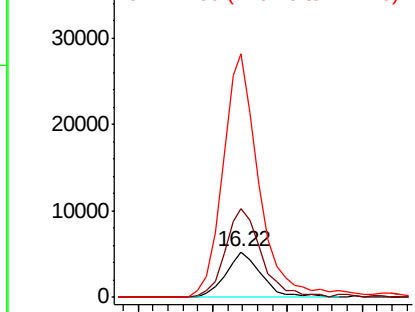
#67
 4-Bromophenyl-phenylether
 Concen: 2.168 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.45 min
 Lab File: BG037707.D
 Acq: 1 Nov 2018 7:23

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 8624
 Ion Ratio Lower Upper
 248 100
 250 255.0 77.0 115.6#
 141 533.0 55.5 83.3#

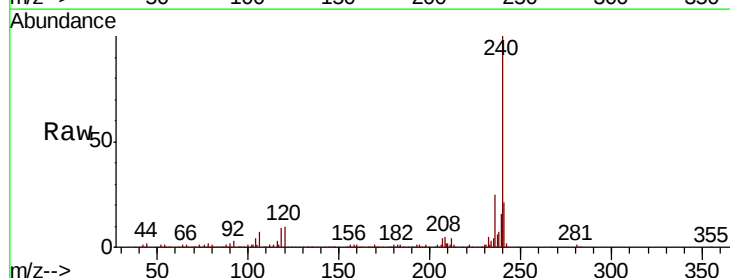


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

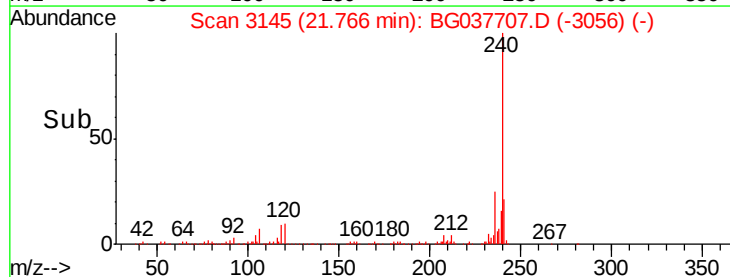
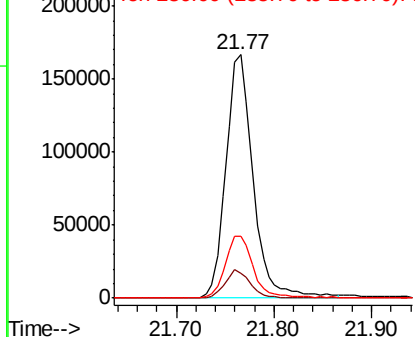


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.77 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG037707.D
 Acq: 1 Nov 2018 7:23

Tgt Ion:240 Resp: 323918
 Ion Ratio Lower Upper
 240 100
 120 10.2 8.1 12.1
 236 25.3 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: 88.424 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037707.D

Acq: 1 Nov 2018 7:23

Instrument :

BNA_G

ClientSampleId :

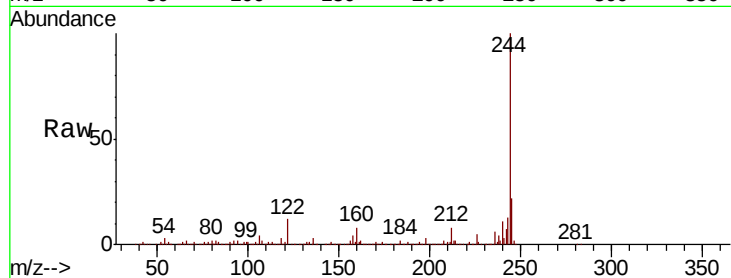
Tot Ion:244 Resp: 1340441

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

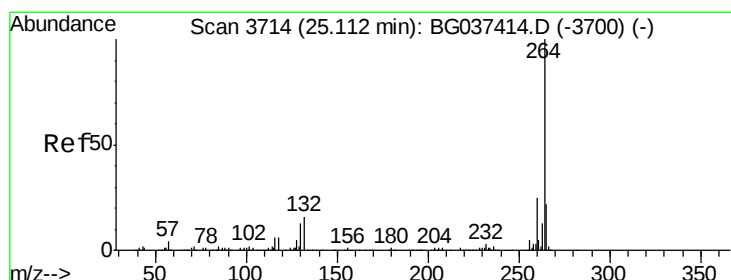
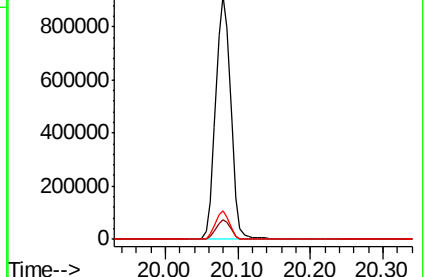
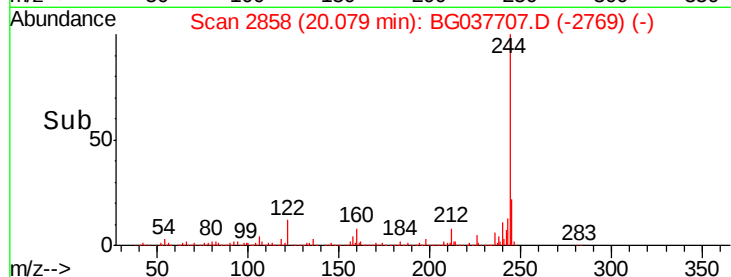
122 11.7 9.0 13.4



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

Perylene-d12

Concen: 20.000 ng

RT: 25.10 min Scan# 3712

Delta R.T. -0.02 min

Lab File: BG037707.D

Acq: 1 Nov 2018 7:23

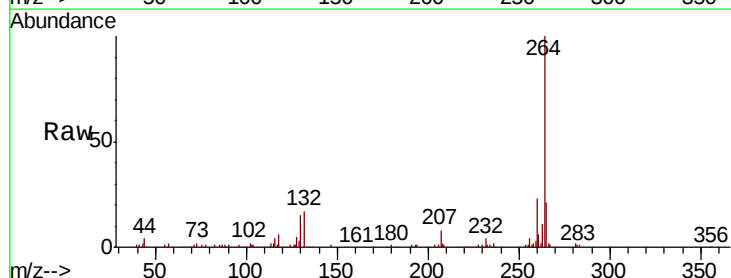
Tgt Ion:264 Resp: 256236

Ion Ratio Lower Upper

264 100

260 23.2 18.2 27.4

265 21.0 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

