

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110118\
 Data File : BG037751.D
 Acq On : 2 Nov 2018 12:07
 Operator : JU/SJ
 Sample : J5741-34
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 02 14:25:53 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

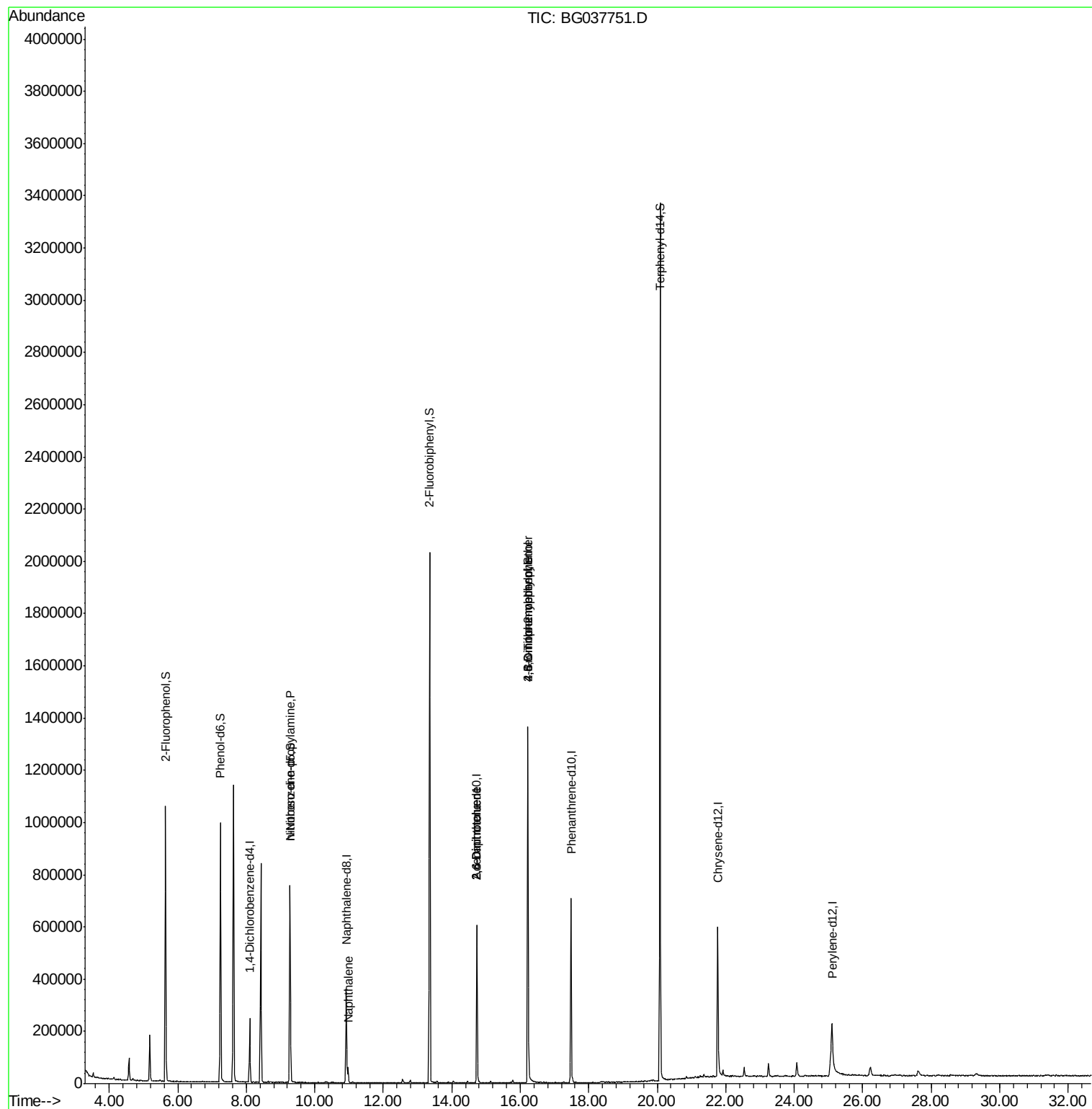
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	72452	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	324894	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	213000	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	463191	20.00	ng	0.00
76) Chrysene-d12	21.77	240	409001	20.00	ng	0.00
87) Perylene-d12	25.10	264	311278	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	494994	114.22	ng	0.00
7) Phenol-d6	7.24	99	663474	101.25	ng	0.00
23) Nitrobenzene-d5	9.27	82	479596	82.69	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	273140	117.57	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	1147705	81.25	ng	0.00
79) Terphenyl-d14	20.08	244	1655343	86.48	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.27	70	61476	13.624	ng	Qvalue # 71
31) Naphthalene	10.97	128	51731	3.242	ng	99
51) 2,6-Dinitrotoluene	14.73	165	27040	7.418	ng	# 25
57) 2,4-Dinitrotoluene	14.73	165	27040	5.651	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.22	198	706	8.746	ng	82
67) 4-Bromophenyl-phenylether	16.23	248	19205	3.776	ng	# 1

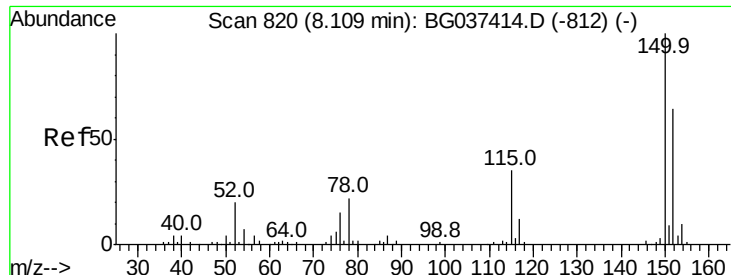
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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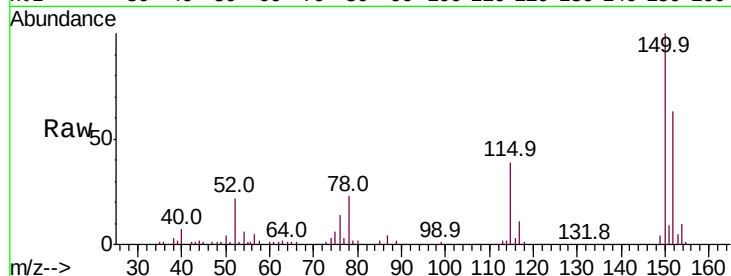


#1

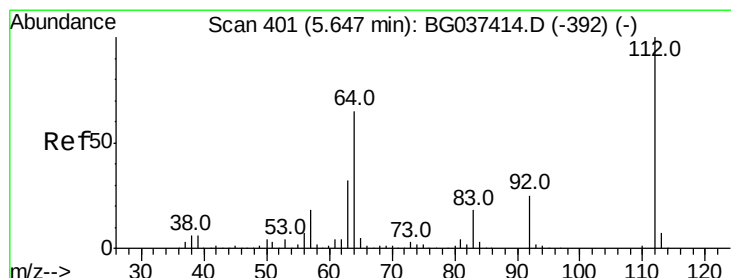
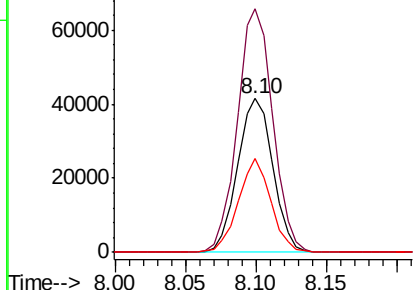
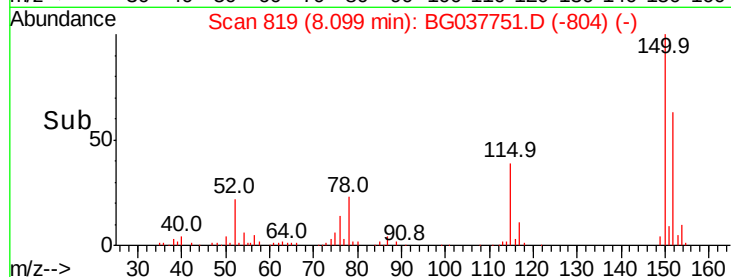
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037751.D
Acq: 2 Nov 2018 12:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 72452
Ion Ratio Lower Upper
152 100
150 158.5 126.0 189.0
115 61.3 45.5 68.3



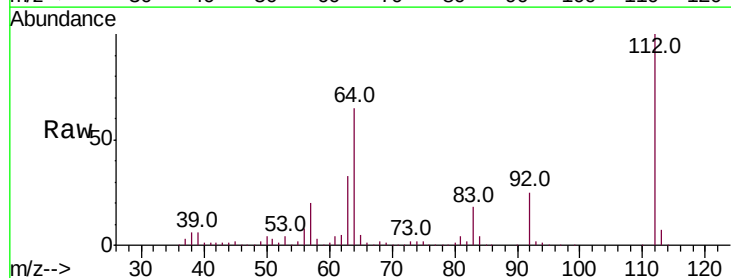
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



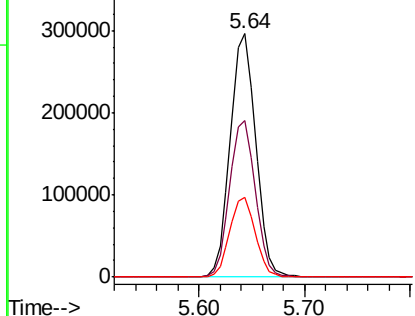
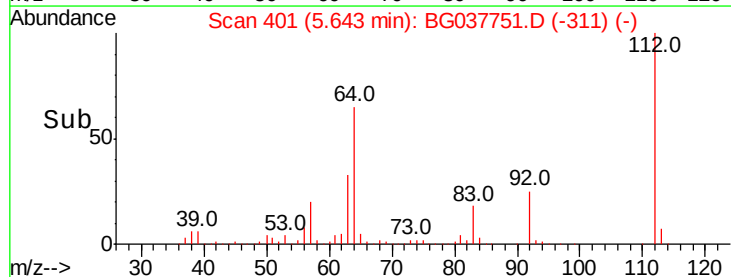
#5

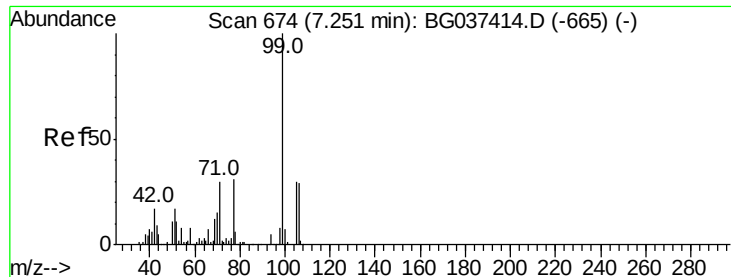
2-Fluorophenol
Concen: 114.221 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037751.D
Acq: 2 Nov 2018 12:07

Tgt Ion:112 Resp: 494994
Ion Ratio Lower Upper
112 100
64 64.5 53.1 79.7
63 32.7 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: 101.247 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037751.D

Acq: 2 Nov 2018 12:07

Instrument :

BNA_G

ClientSampled :

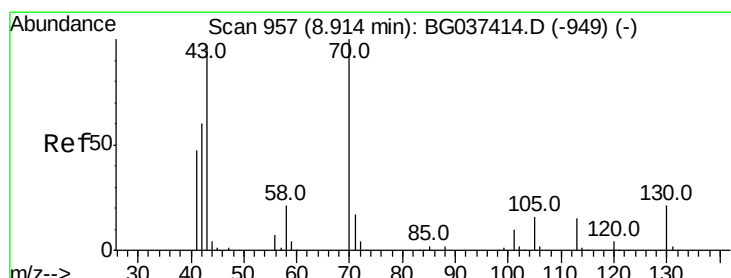
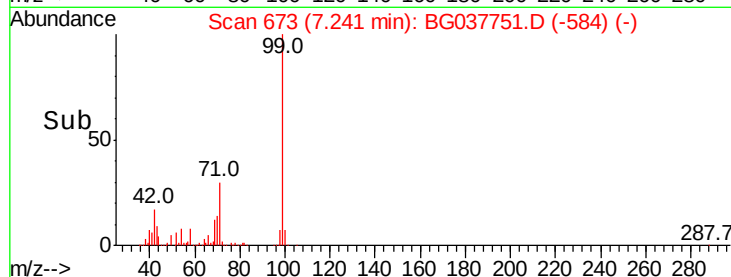
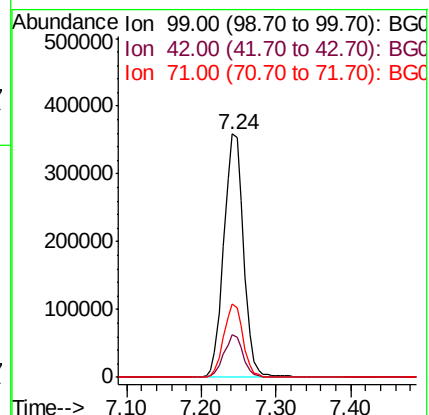
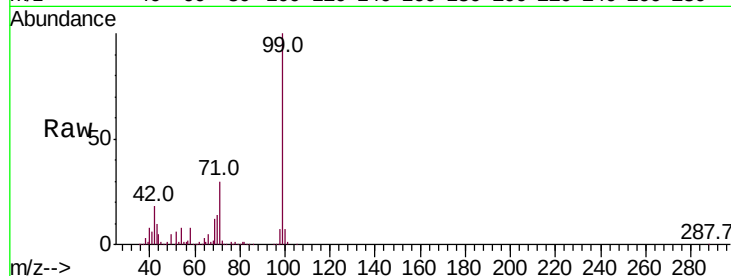
Tot Ion: 99 Resp: 663474

Ion Ratio Lower Upper

99 100

42 17.6 15.0 22.4

71 30.2 25.5 38.3



#19

n-Nitroso-di-n-propylamine

Concen: 13.624 ng

RT: 9.27 min Scan# 1019

Delta R.T. 0.36 min

Lab File: BG037751.D

Acq: 2 Nov 2018 12:07

Tgt Ion: 70 Resp: 61476

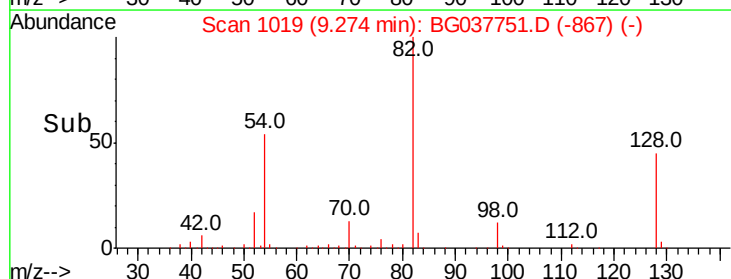
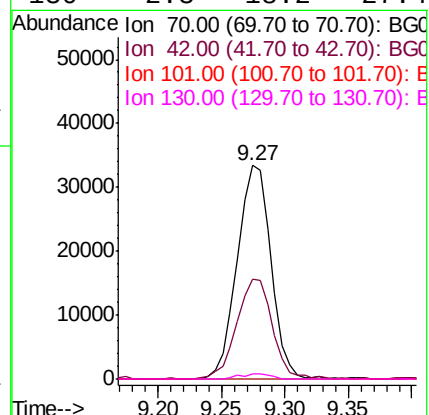
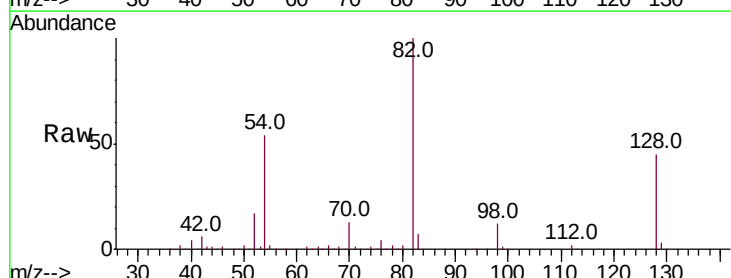
Ion Ratio Lower Upper

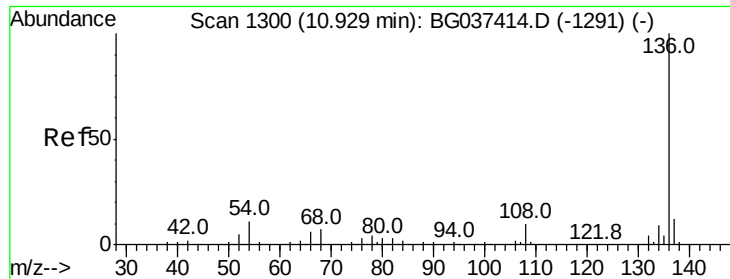
70 100

42 47.0 53.9 80.9#

101 0.0 8.2 12.2#

130 2.3 18.2 27.4#

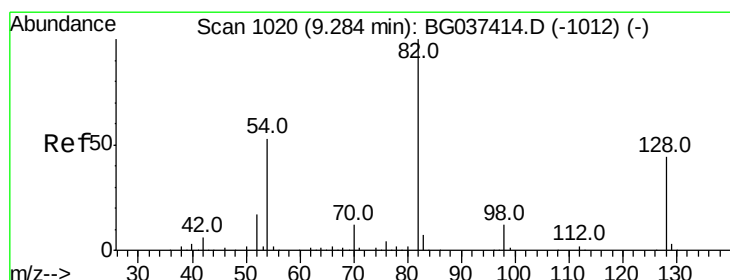
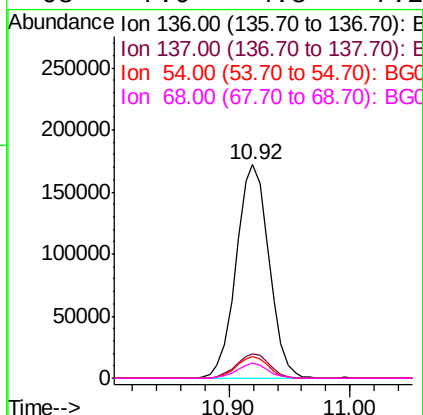
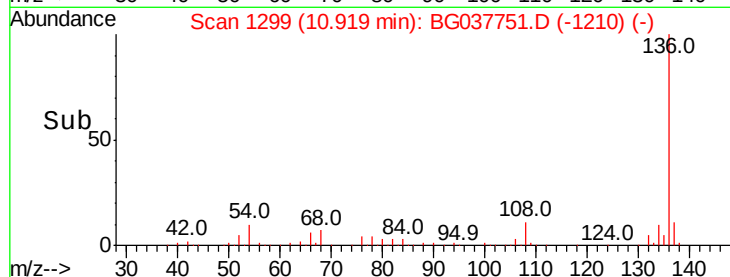
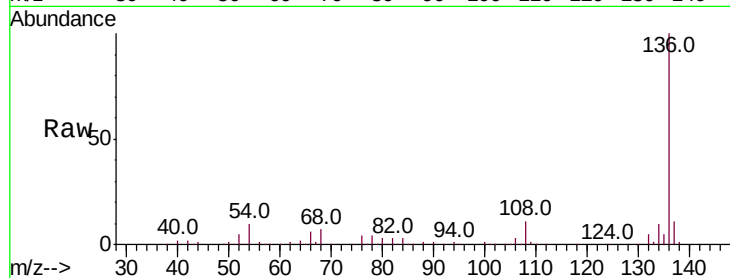




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037751.D
Acq: 2 Nov 2018 12:07

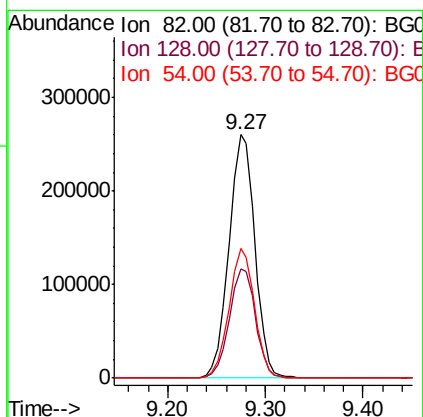
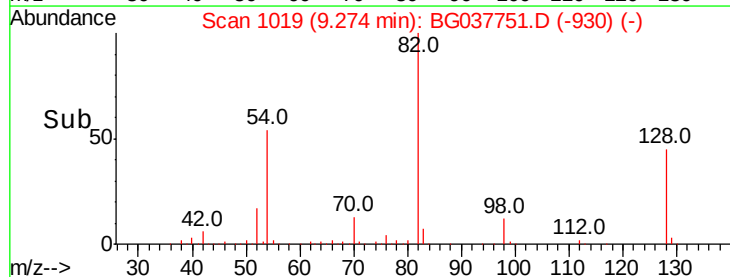
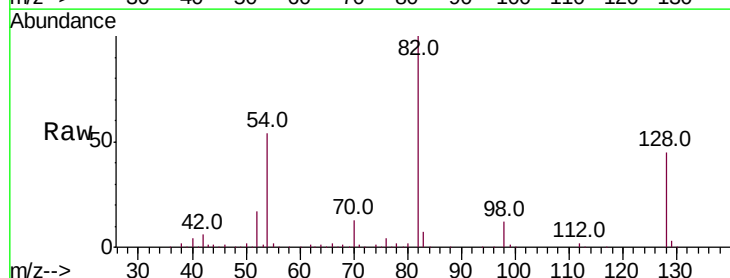
Instrument :
BNA_G
ClientSampled :

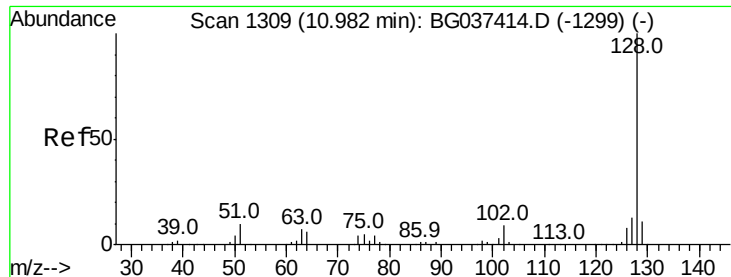
Tot Ion:	136	Resp:	324894
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.6	14.4
54	10.1	7.9	11.9
68	7.0	4.8	7.2



#23
Nitrobenzene-d5
Concen: 82.693 ng
RT: 9.27 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037751.D
Acq: 2 Nov 2018 12:07

Tgt Ion:	82	Resp:	479596
Ion	Ratio	Lower	Upper
82	100		
128	44.7	34.6	51.8
54	53.5	45.3	67.9

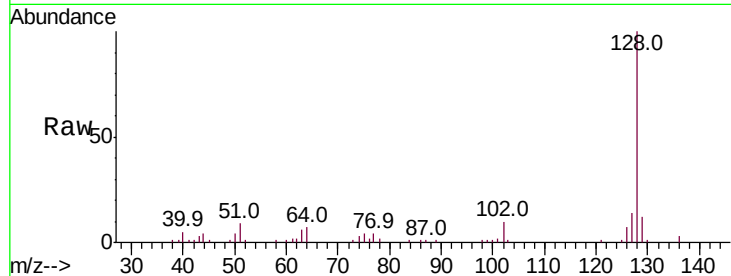




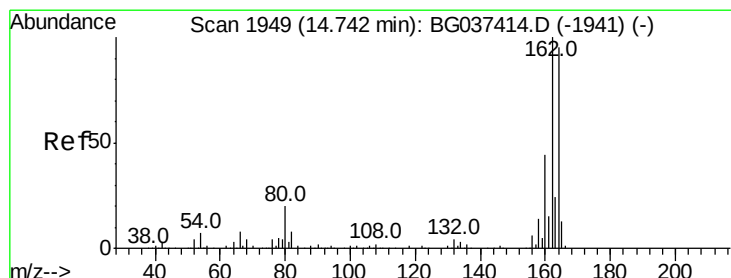
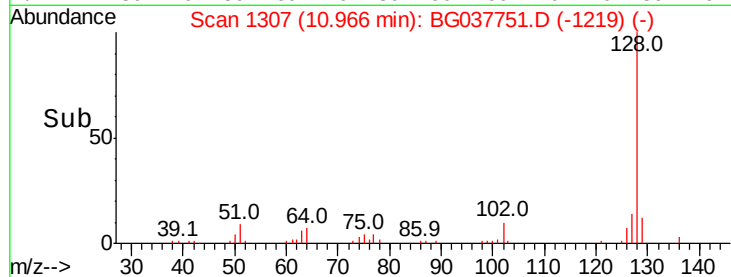
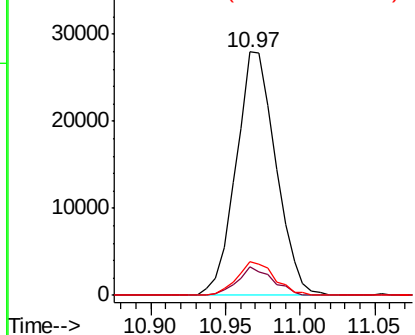
#31
Naphthalene
Concen: 3.242 ng
RT: 10.97 min Scan# 1307
Delta R.T. -0.02 min
Lab File: BG037751.D
Acq: 2 Nov 2018 12:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 51731
Ion Ratio Lower Upper
128 100
129 11.7 9.0 13.6
127 13.8 11.1 16.7

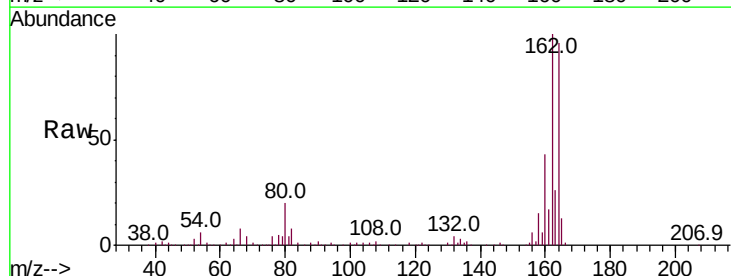


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

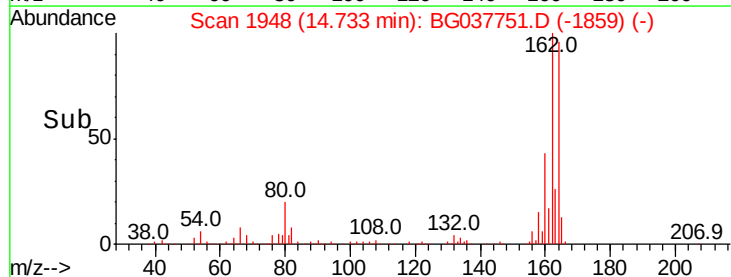
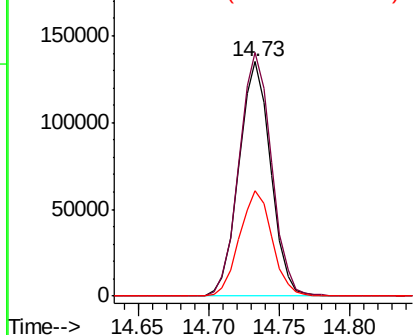


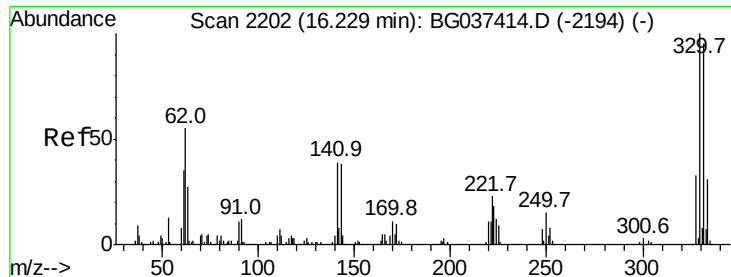
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG037751.D
Acq: 2 Nov 2018 12:07

Tgt Ion:164 Resp: 213000
Ion Ratio Lower Upper
164 100
162 103.9 81.3 121.9
160 44.7 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

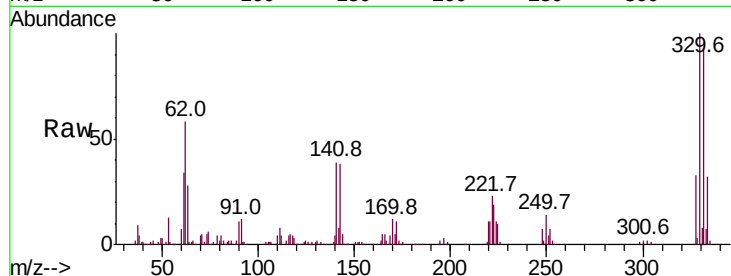




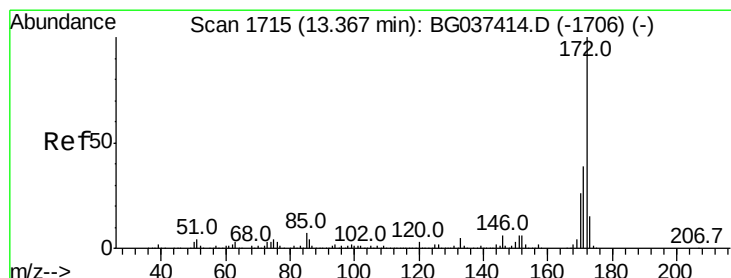
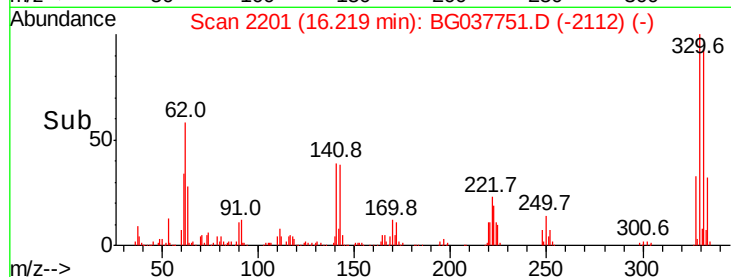
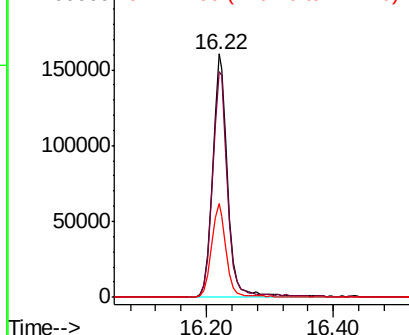
#42
 2,4,6-Tribromophenol
 Concen: 117.572 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.01 min
 Lab File: BG037751.D
 Acq: 2 Nov 2018 12:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 273140
 Ion Ratio Lower Upper
 330 100
 332 92.0 78.4 117.6
 141 37.7 32.2 48.2

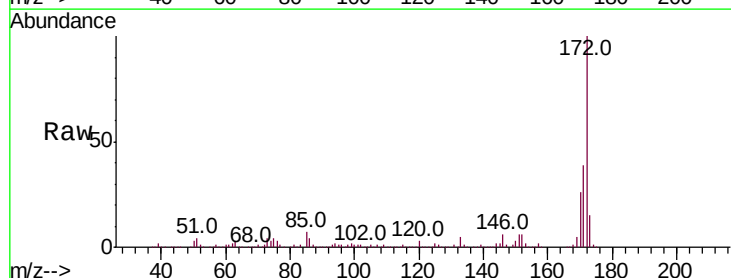


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

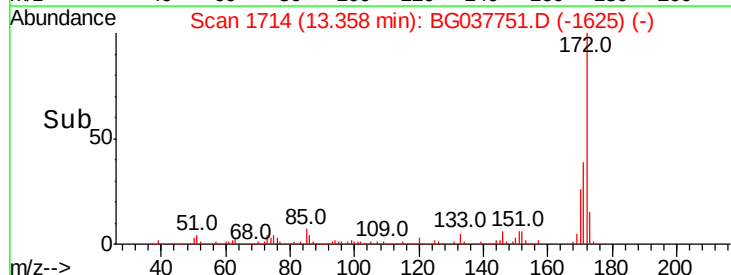
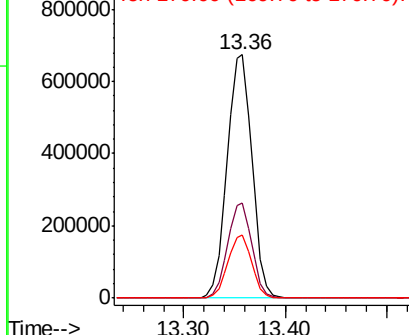


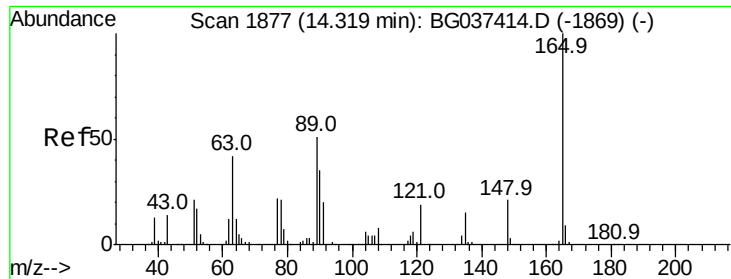
#45
 2-Fluorobiphenyl
 Concen: 81.252 ng
 RT: 13.36 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG037751.D
 Acq: 2 Nov 2018 12:07

Tgt Ion:172 Resp: 1147705
 Ion Ratio Lower Upper
 172 100
 171 39.0 31.0 46.4
 170 25.8 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

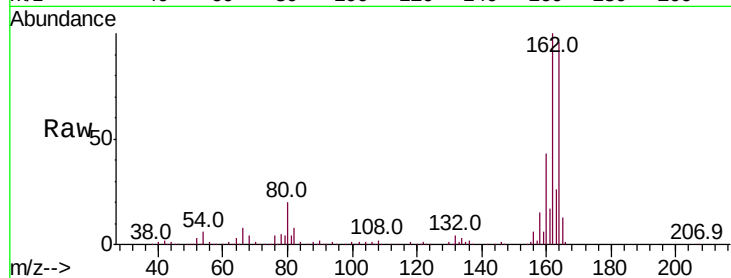




#51
 2,6-Dinitrotoluene
 Concen: 7.418 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. 0.41 min
 Lab File: BG037751.D
 Acq: 2 Nov 2018 12:07

Instrument :
 BNA_G
 ClientSampled :

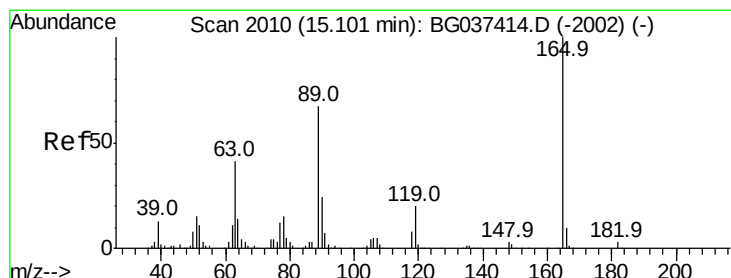
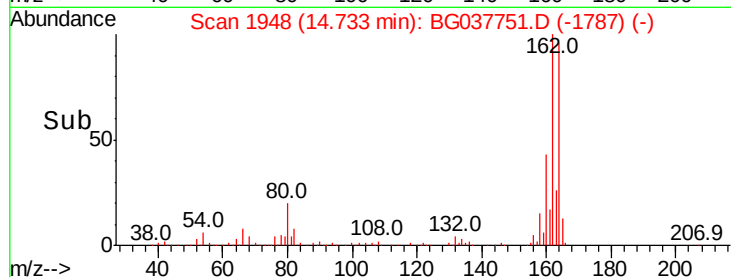
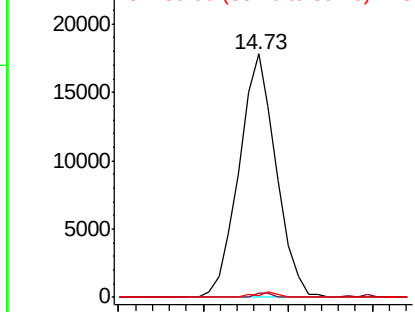
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	43.4	65.2#
89	0.9	45.8	68.6#



Abundance Ion 165.00 (164.70 to 165.70): E

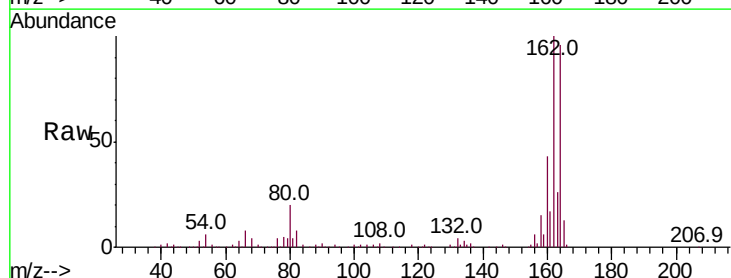
Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#57
 2,4-Dinitrotoluene
 Concen: 5.651 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.37 min
 Lab File: BG037751.D
 Acq: 2 Nov 2018 12:07

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	33.4	50.0#
89	0.9	57.2	85.8#
182	0.0	2.6	4.0#

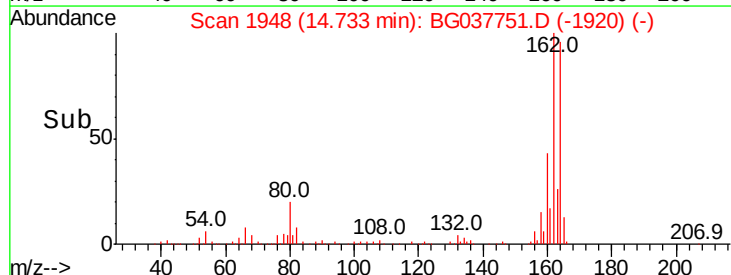
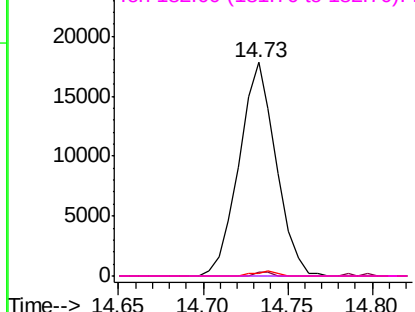


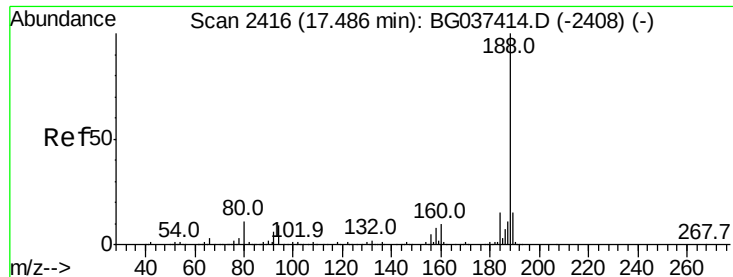
Abundance Ion 165.00 (164.70 to 165.70): E

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: BG037751.D

Acq: 2 Nov 2018 12:07

Instrument :

BNA_G

ClientSampleId :

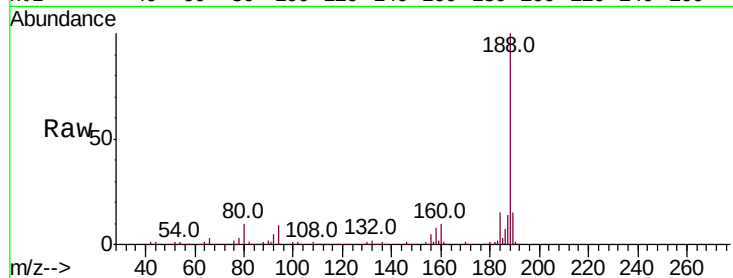
Tot Ion:188 Resp: 463191

Ion Ratio Lower Upper

188 100

94 8.7 7.2 10.8

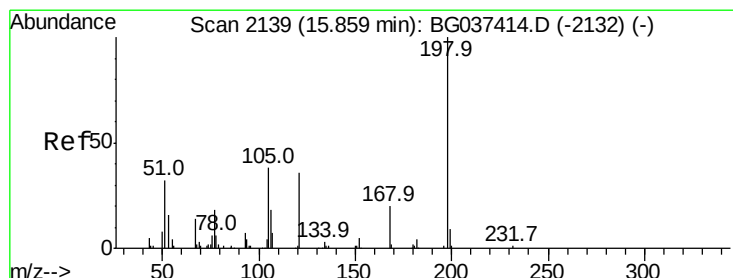
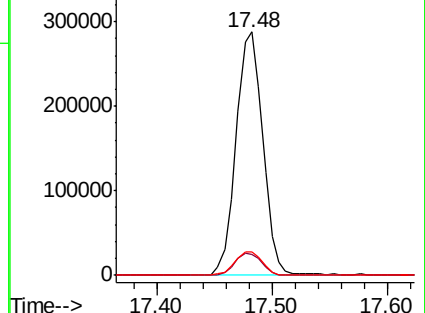
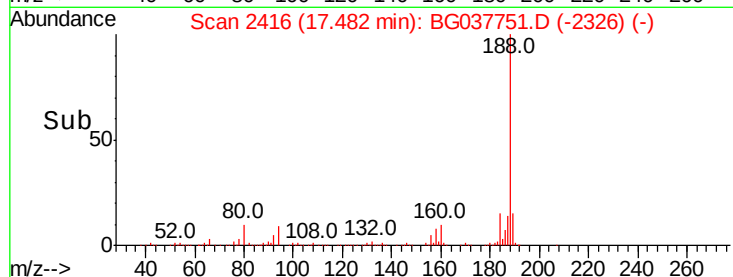
80 9.8 7.7 11.5



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: 8.746 ng

RT: 16.22 min Scan# 2201

Delta R.T. 0.36 min

Lab File: BG037751.D

Acq: 2 Nov 2018 12:07

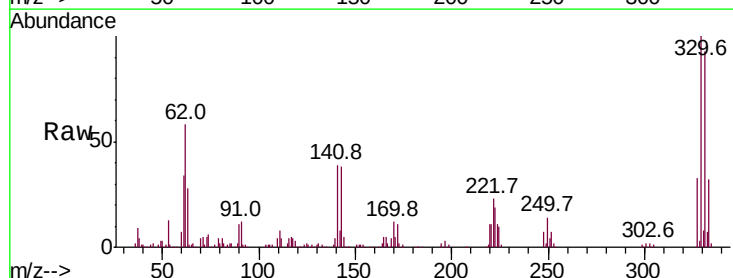
Tgt Ion:198 Resp: 706

Ion Ratio Lower Upper

198 100

51 25.6 22.7 62.7

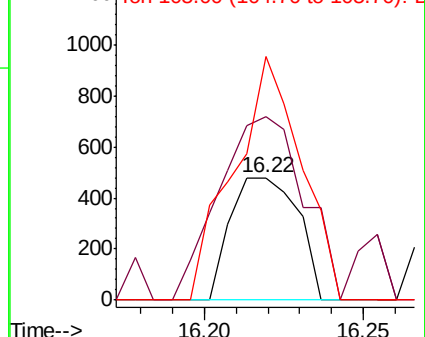
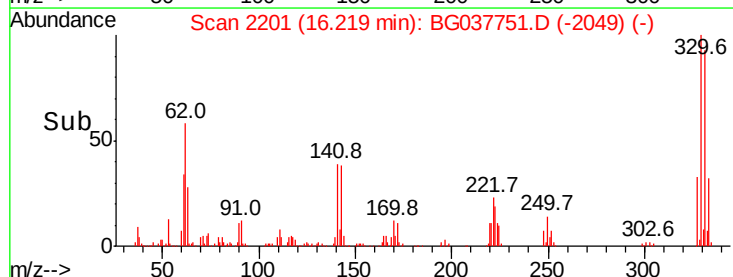
105 33.9 19.7 59.7

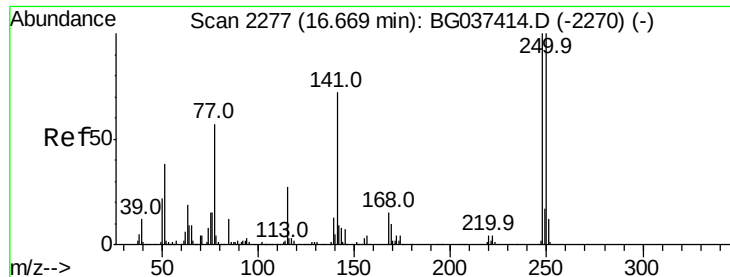


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

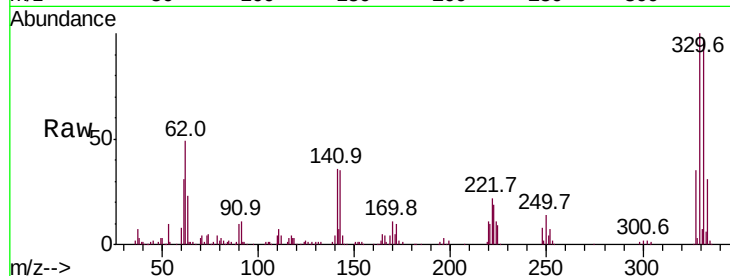




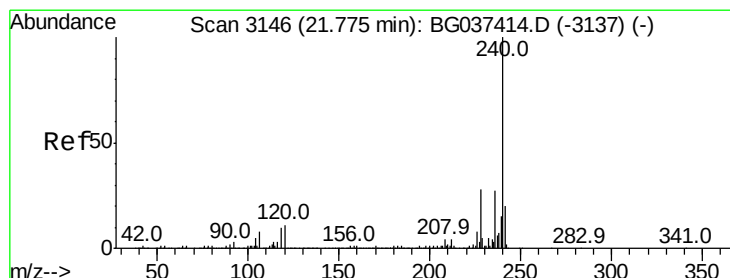
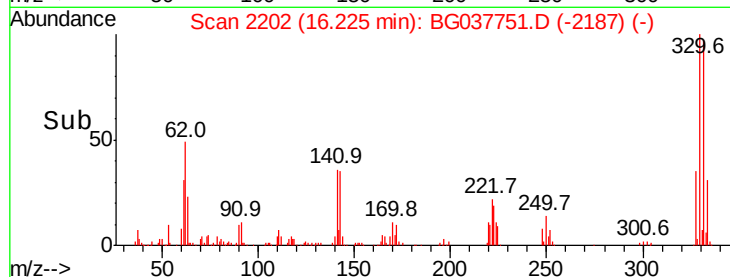
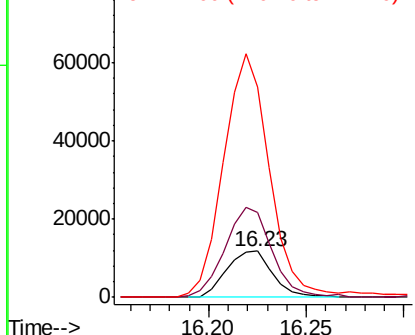
#67
 4-Bromophenyl-phenylether
 Concen: 3.776 ng
 RT: 16.23 min Scan# 2202
 Delta R.T. -0.44 min
 Lab File: BG037751.D
 Acq: 2 Nov 2018 12:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 19205
 Ion Ratio Lower Upper
 248 100
 250 182.0 77.0 115.6#
 141 344.7 55.5 83.3#

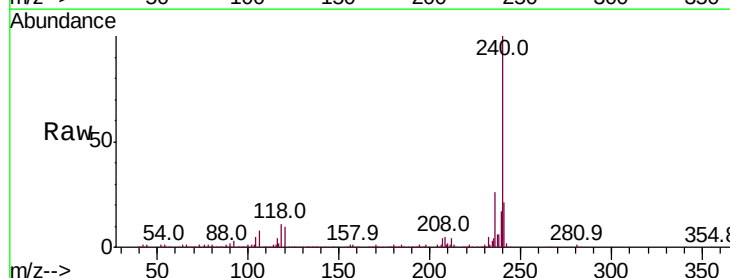


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

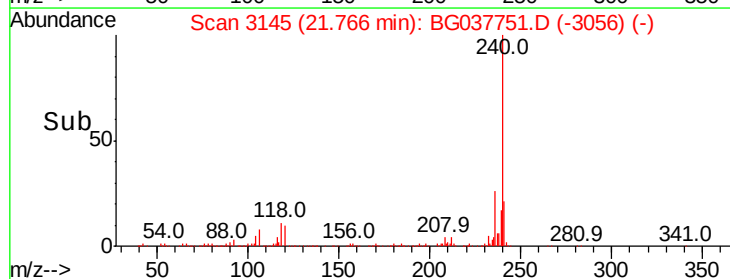
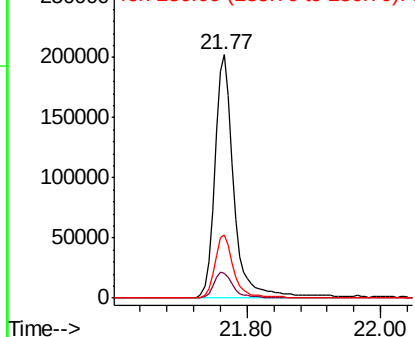


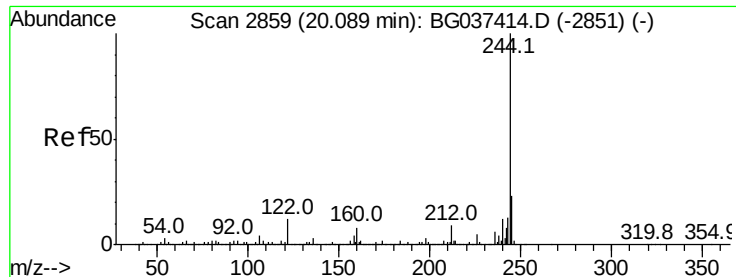
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.77 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG037751.D
 Acq: 2 Nov 2018 12:07

Tgt Ion:240 Resp: 409001
 Ion Ratio Lower Upper
 240 100
 120 10.4 8.1 12.1
 236 25.8 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: 86.481 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037751.D

Acq: 2 Nov 2018 12:07

Instrument :

BNA_G

ClientSampleId :

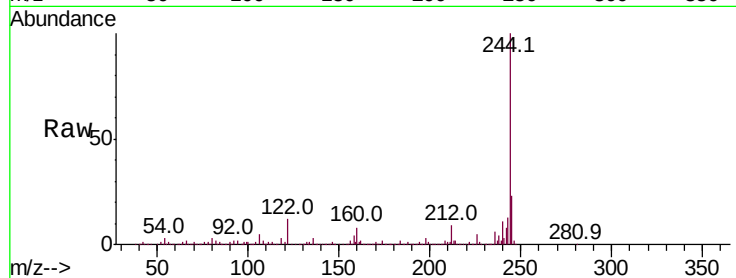
Tot Ion:244 Resp: 1655343

Ion	Ratio	Lower	Upper
244	100		
212	8.8	6.5	9.7
122	12.0	9.0	13.4

244 100

212 8.8 6.5 9.7

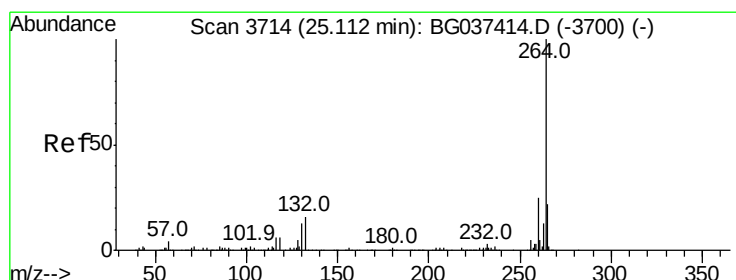
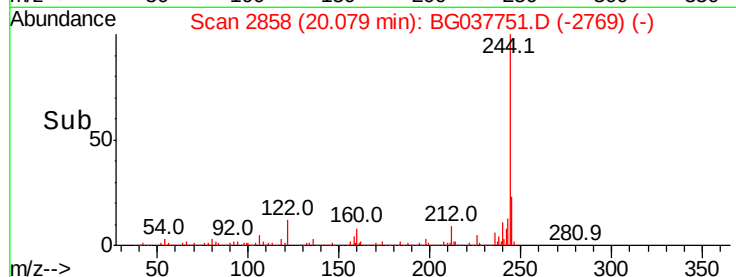
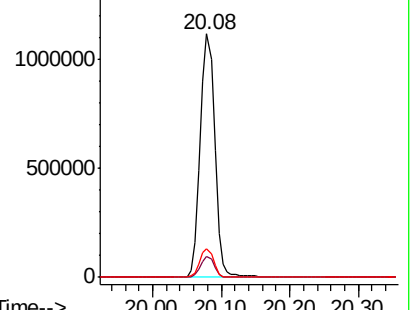
122 12.0 9.0 13.4



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: BG037751.D

Acq: 2 Nov 2018 12:07

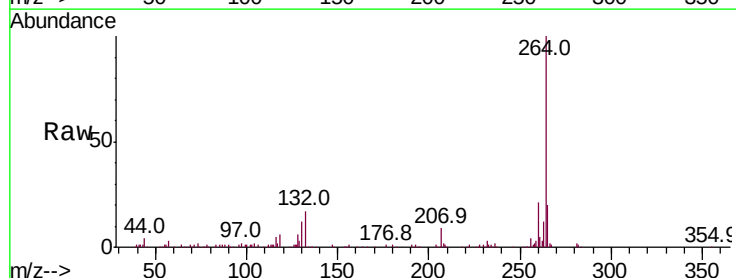
Tgt Ion:264 Resp: 311278

Ion	Ratio	Lower	Upper
264	100		
260	21.3	18.2	27.4
265	20.4	17.9	26.9

264 100

260 21.3 18.2 27.4

265 20.4 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

