

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102518\
 Data File : BG037551.D
 Acq On : 25 Oct 2018 18:57
 Operator : JU/SJ
 Sample : J5639-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 26 08:05:47 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

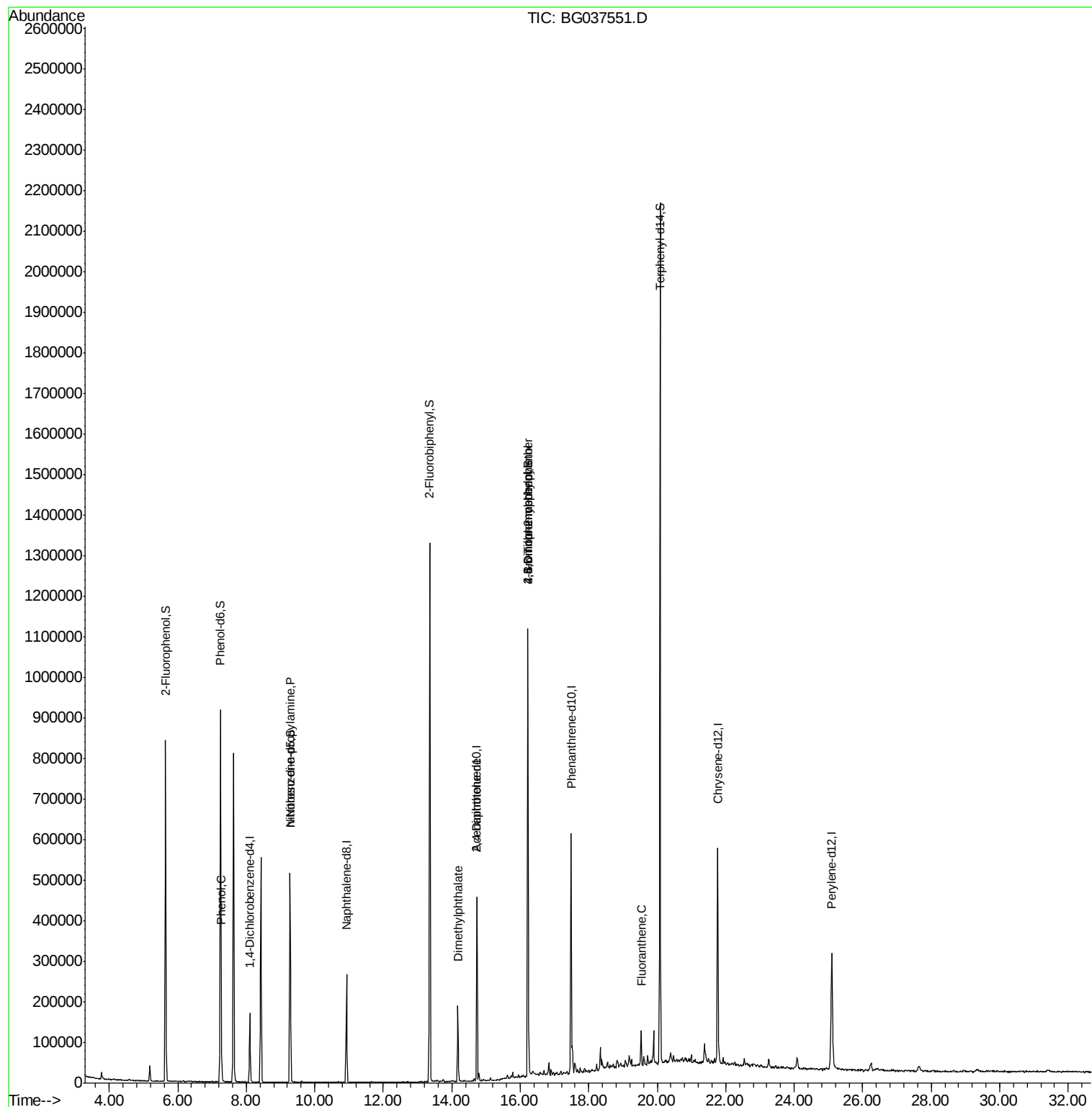
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	52480	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	236038	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	163312	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	376987	20.00	ng	0.00
76) Chrysene-d12	21.77	240	340517	20.00	ng	0.00
87) Perylene-d12	25.09	264	349015	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	384409	122.46	ng	0.00
7) Phenol-d6	7.25	99	572766	120.67	ng	0.00
23) Nitrobenzene-d5	9.28	82	330375	78.41	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	199699	112.11	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	714039	65.93	ng	0.00
79) Terphenyl-d14	20.08	244	993901	62.37	ng	0.00
Target Compounds						
10) Phenol	7.27	94	58389	11.659	ng	98
19) n-Nitroso-di-n-propylamine	9.28	70	40688	12.448	ng	# 70
50) Dimethylphthalate	14.18	163	127474	10.090	ng	99
57) 2,4-Dinitrotoluene	14.73	165	20620	5.620	ng	# 24
65) 4,6-Dinitro-2-methylphenol	16.22	198	519	8.723	ng	73
67) 4-Bromophenyl-phenylether	16.23	248	14963	3.614	ng	# 1
75) Fluoranthene	19.53	202	55723	2.564	ng	95

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

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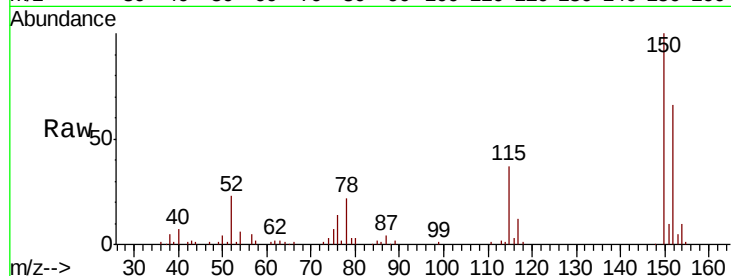


#1

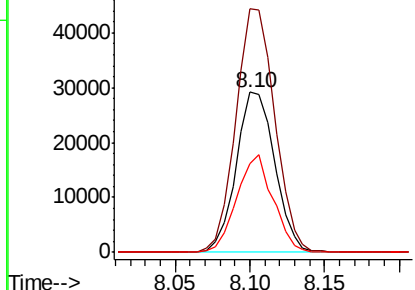
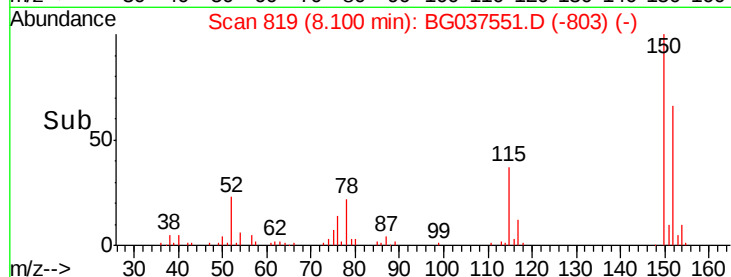
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037551.D
Acq: 25 Oct 2018 18:57

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 52480
Ion Ratio Lower Upper
152 100
150 152.2 126.0 189.0
115 55.8 45.5 68.3



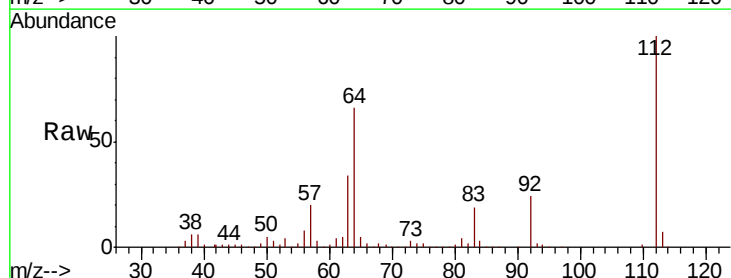
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



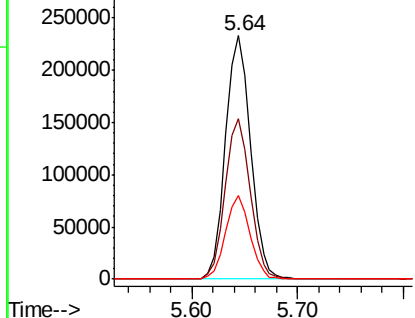
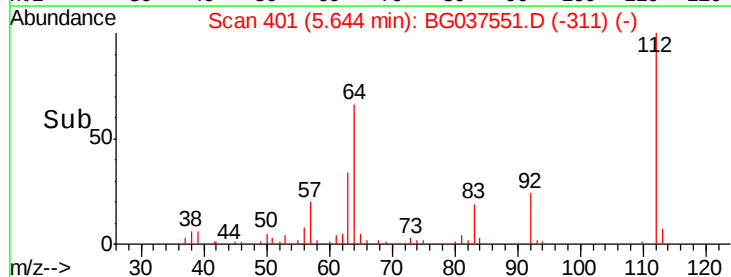
#5

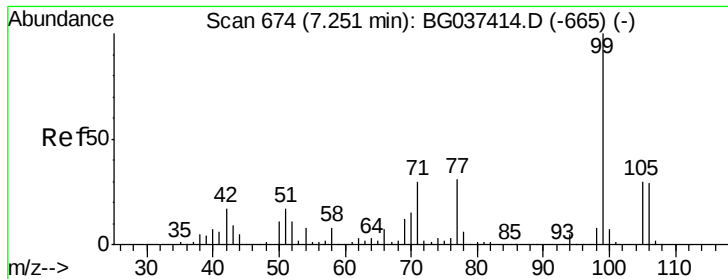
2-Fluorophenol
Concen: 122.461 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037551.D
Acq: 25 Oct 2018 18:57

Tgt Ion:112 Resp: 384409
Ion Ratio Lower Upper
112 100
64 65.7 53.1 79.7
63 34.3 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: 120.668 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037551.D

Acq: 25 Oct 2018 18:57

Instrument :

BNA_G

ClientSampleId :

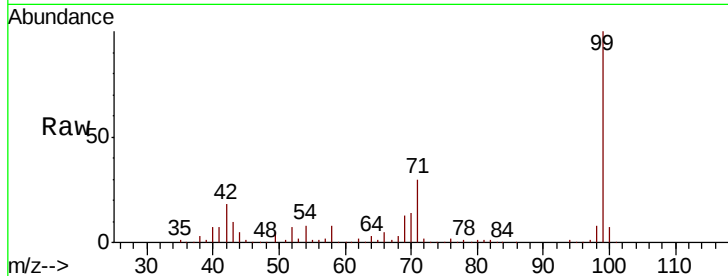
Tot Ion: 99 Resp: 572766

Ion Ratio Lower Upper

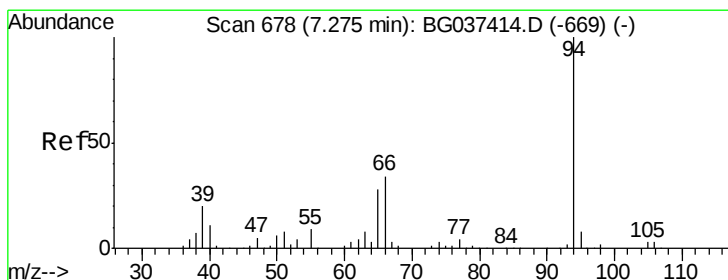
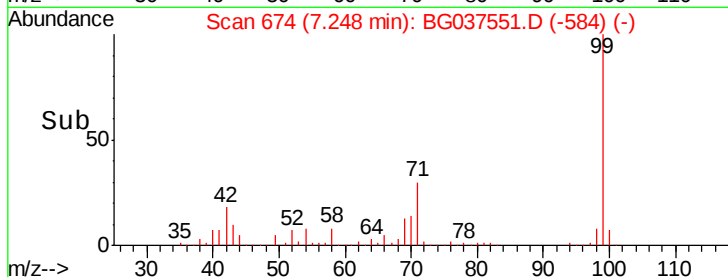
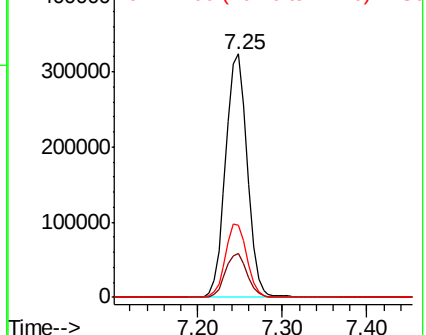
99 100

42 18.0 15.0 22.4

71 29.8 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: 11.659 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG037551.D

Acq: 25 Oct 2018 18:57

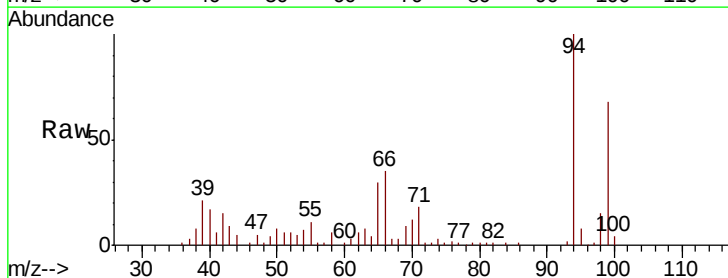
Tgt Ion: 94 Resp: 58389

Ion Ratio Lower Upper

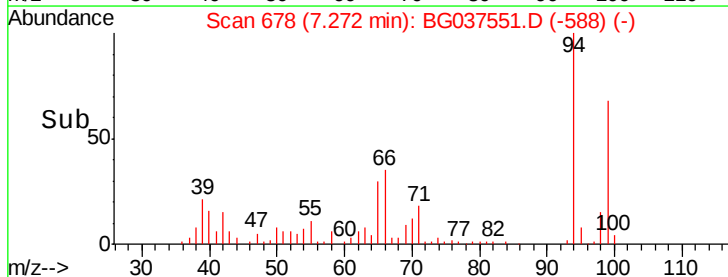
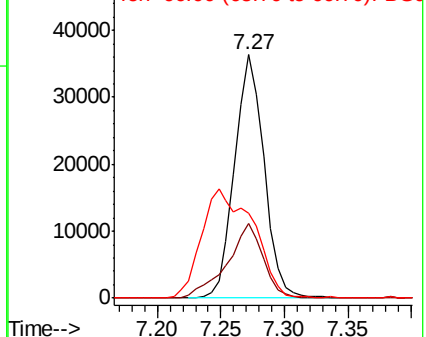
94 100

65 30.5 9.7 49.7

66 35.0 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

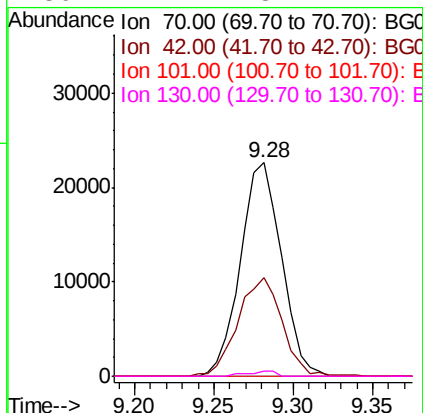
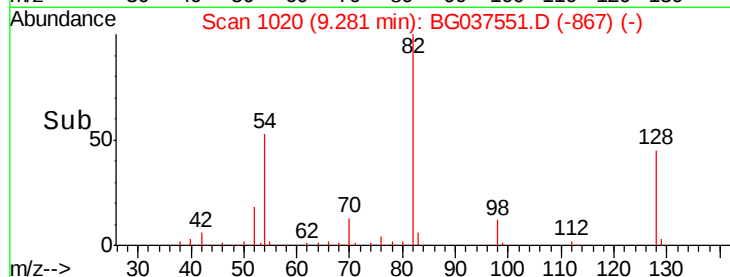
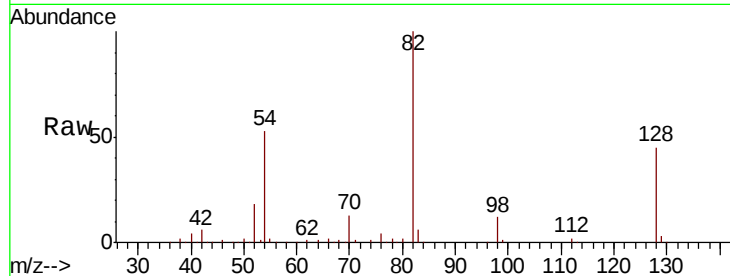




#19
n-Nitroso-di-n-propylamine
Concen: 12.448 ng
RT: 9.28 min Scan# 1020
Delta R.T. 0.37 min
Lab File: BG037551.D
Acq: 25 Oct 2018 18:57

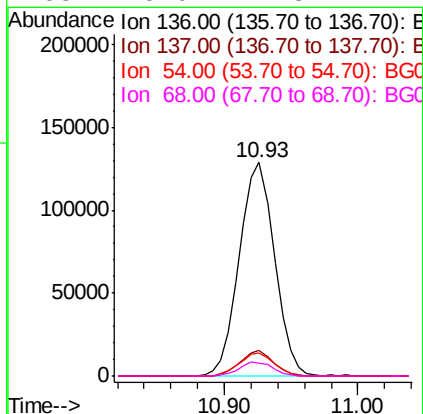
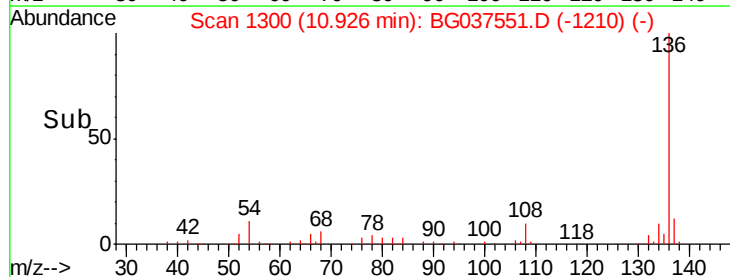
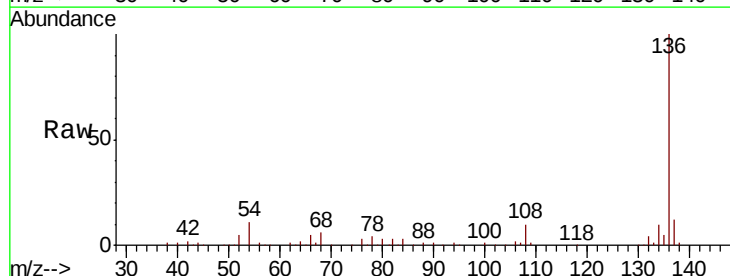
Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 40688
Ion Ratio Lower Upper
70 100
42 46.0 53.9 80.9#
101 0.0 8.2 12.2#
130 2.4 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037551.D
Acq: 25 Oct 2018 18:57

Tgt Ion: 136 Resp: 236038
Ion Ratio Lower Upper
136 100
137 11.7 9.6 14.4
54 10.6 7.9 11.9
68 6.0 4.8 7.2

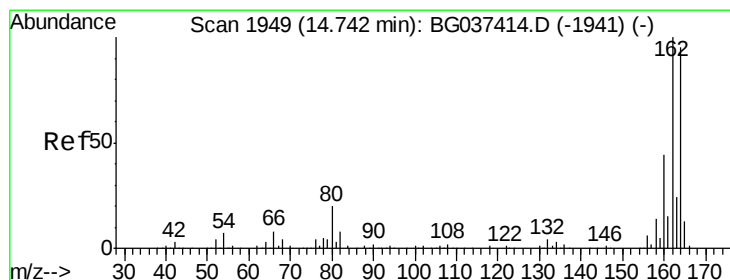
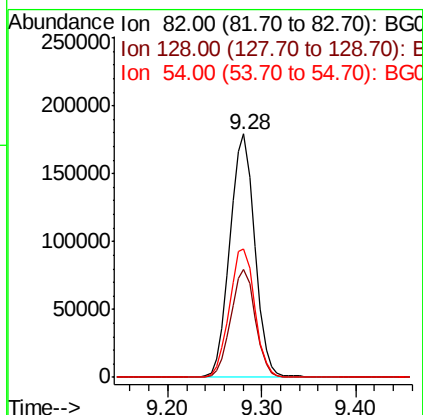
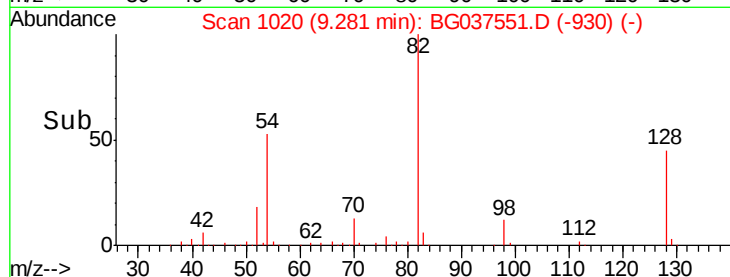
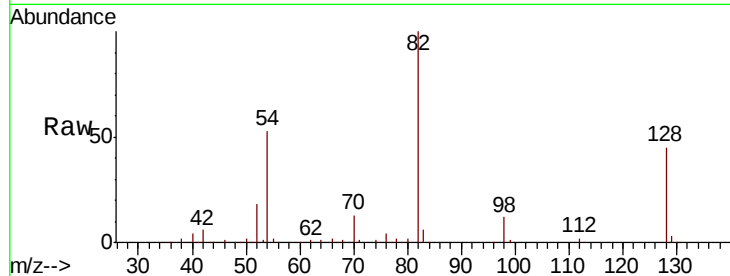




#23
 Nitrobenzene-d5
 Concen: 78.408 ng
 RT: 9.28 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG037551.D
 Acq: 25 Oct 2018 18:57

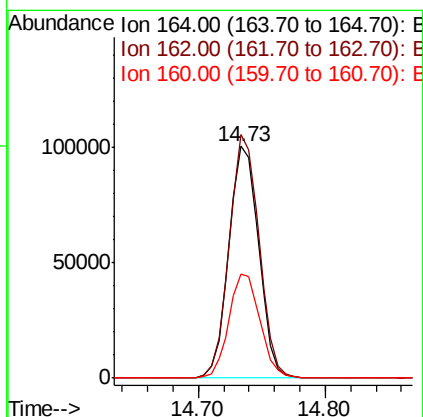
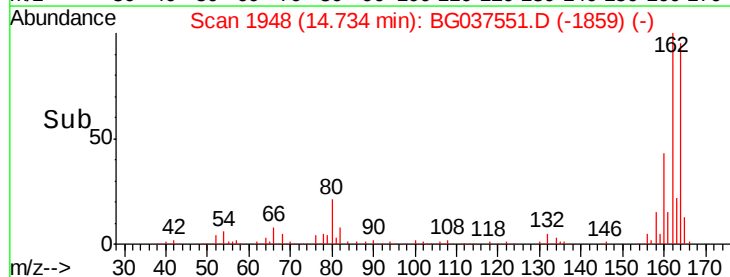
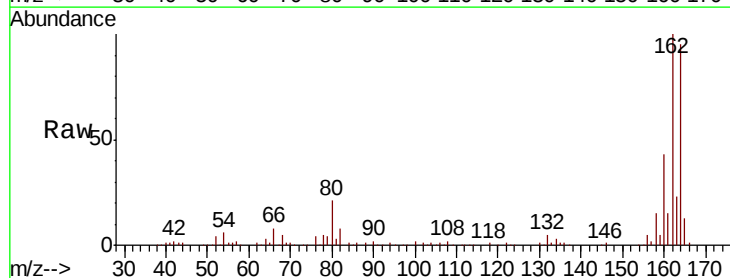
Instrument :
 BNA_G
 ClientSampled :

Tot Ion	82.00	Resp	330375
Ion Ratio	Lower	Upper	
82	100		
128	44.5	34.6	51.8
54	52.8	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: BG037551.D
 Acq: 25 Oct 2018 18:57

Tgt Ion	164.00	Resp	163312
Ion Ratio	Lower	Upper	
164	100		
162	105.0	81.3	121.9
160	44.7	36.3	54.5





#42

2,4,6-Tribromophenol

Concen: 112.113 ng

RT: 16.23 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG037551.D

Acq: 25 Oct 2018 18:57

Instrument :

BNA_G

ClientSampleId :

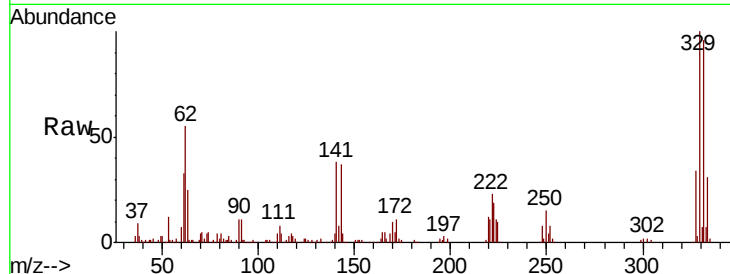
Tot Ion:330 Resp: 199699

Ion Ratio Lower Upper

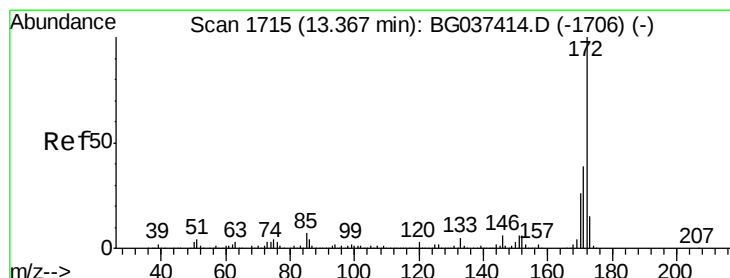
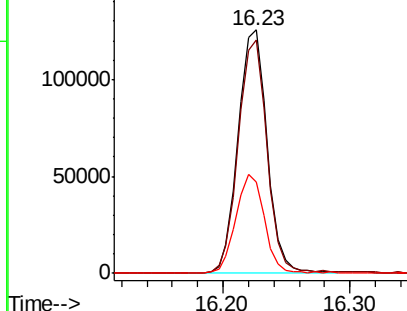
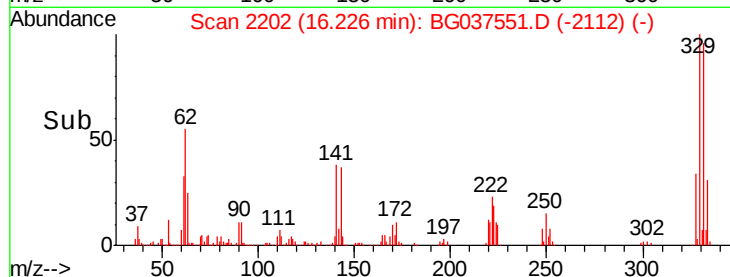
330 100

332 95.5 78.4 117.6

141 40.4 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: 65.931 ng

RT: 13.36 min Scan# 1714

Delta R.T. -0.01 min

Lab File: BG037551.D

Acq: 25 Oct 2018 18:57

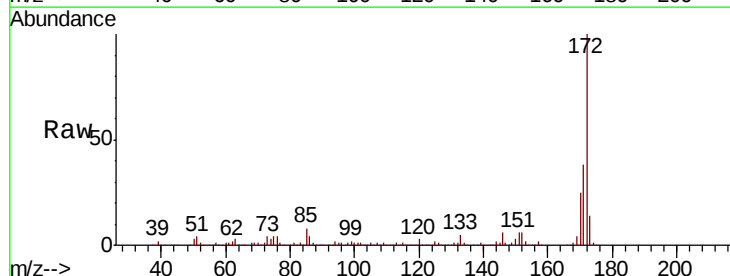
Tgt Ion:172 Resp: 714039

Ion Ratio Lower Upper

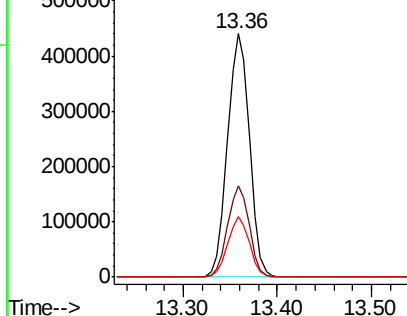
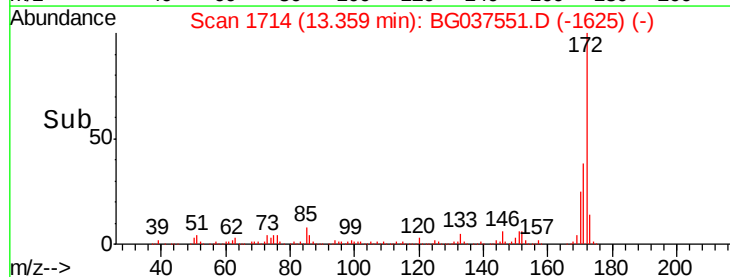
172 100

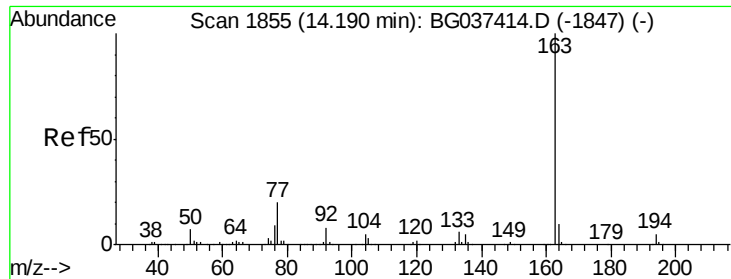
171 37.6 31.0 46.4

170 25.1 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





#50

Dimethylphthalate

Concen: 10.090 ng

RT: 14.18 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BG037551.D

Acq: 25 Oct 2018 18:57

Instrument :

BNA_G

ClientSampleId :

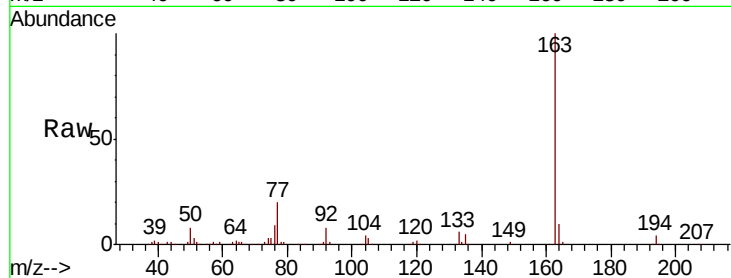
Tot Ion:163 Resp: 127474

Ion Ratio Lower Upper

163 100

194 4.1 3.5 5.3

164 10.3 8.5 12.7

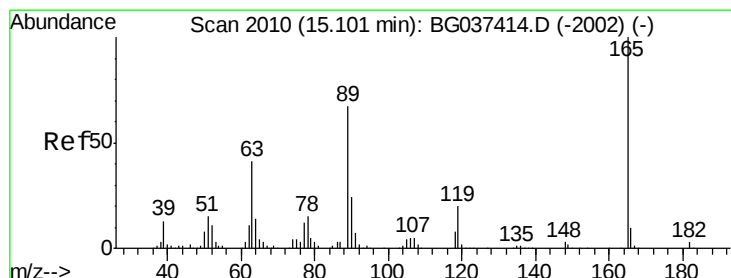
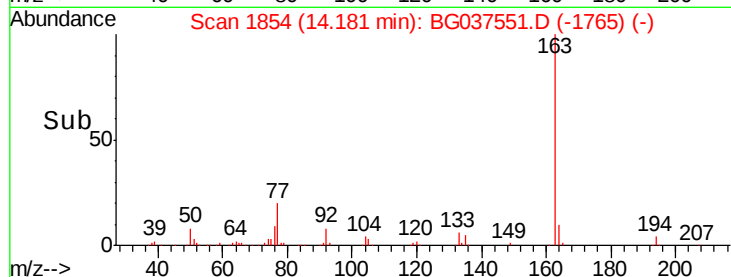
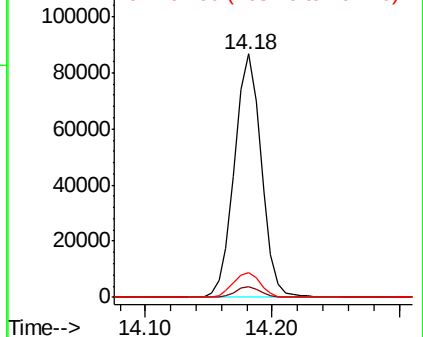


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#57

2,4-Dinitrotoluene

Concen: 5.620 ng

RT: 14.73 min Scan# 1948

Delta R.T. -0.37 min

Lab File: BG037551.D

Acq: 25 Oct 2018 18:57

Tgt Ion:165 Resp: 20620

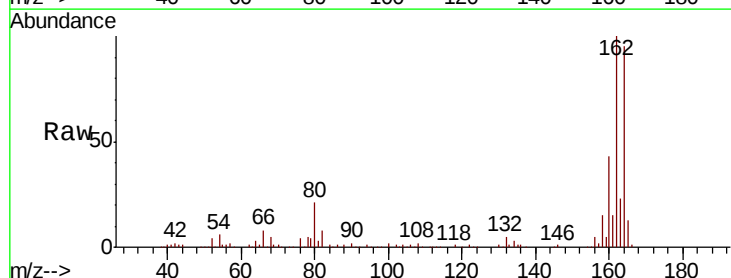
Ion Ratio Lower Upper

165 100

63 1.1 33.4 50.0#

89 0.0 57.2 85.8#

182 0.0 2.6 4.0#



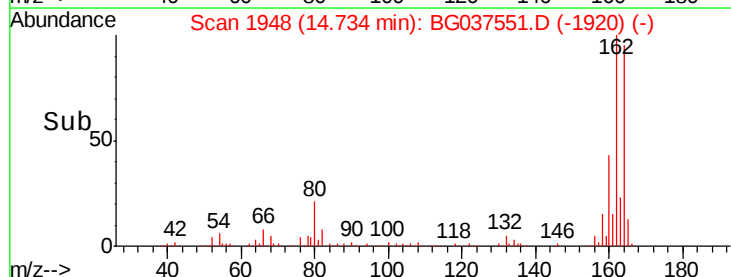
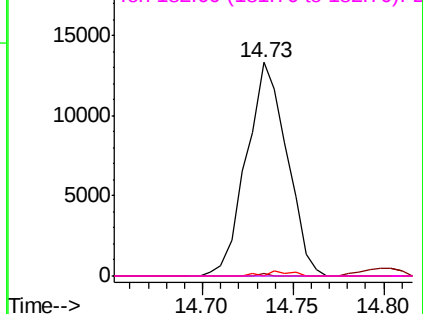
Abundance

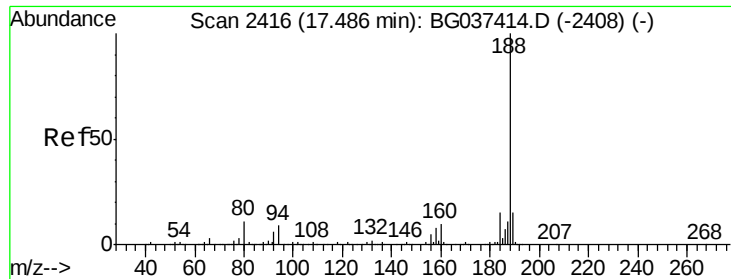
Ion 165.00 (164.70 to 165.70): E

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: BG037551.D

Acq: 25 Oct 2018 18:57

Instrument :

BNA_G

ClientSampleId :

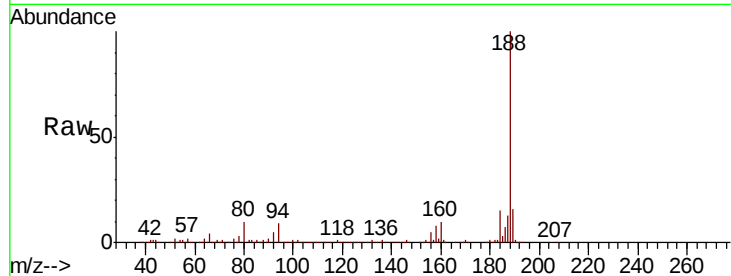
Tot Ion:188 Resp: 376987

Ion Ratio Lower Upper

188 100

94 9.2 7.2 10.8

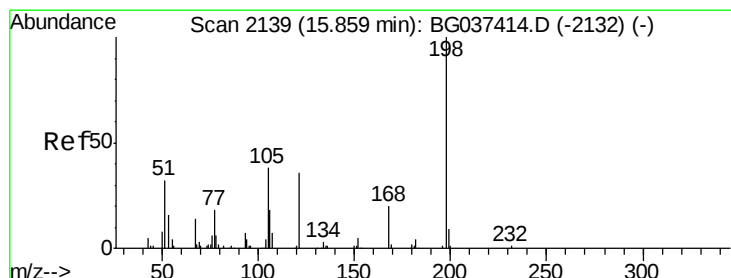
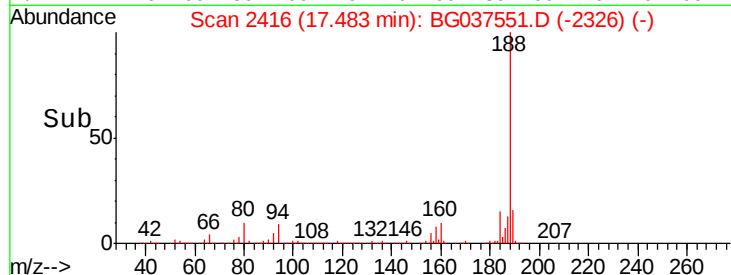
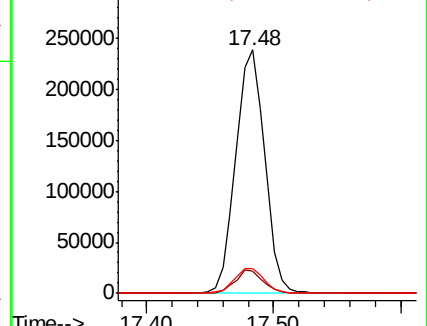
80 10.0 7.7 11.5



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: 8.723 ng

RT: 16.22 min Scan# 2201

Delta R.T. 0.36 min

Lab File: BG037551.D

Acq: 25 Oct 2018 18:57

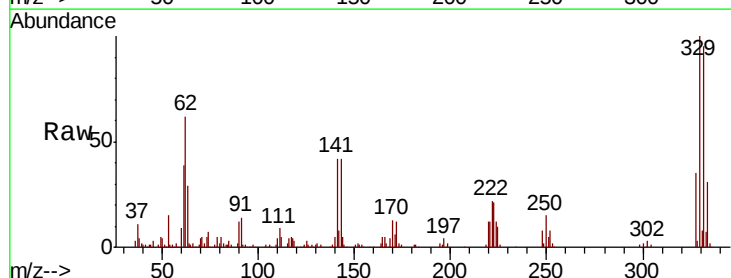
Tgt Ion:198 Resp: 519

Ion Ratio Lower Upper

198 100

51 26.2 22.7 62.7

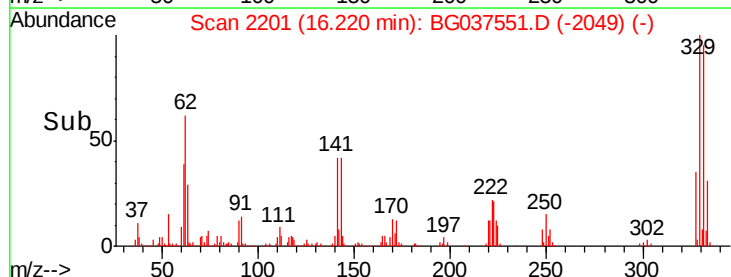
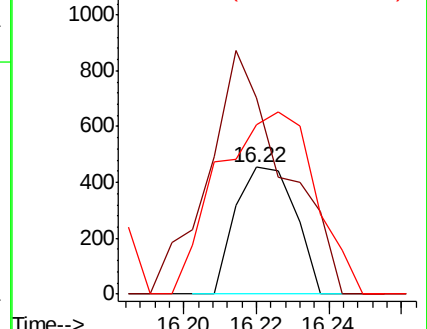
105 22.6 19.7 59.7



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

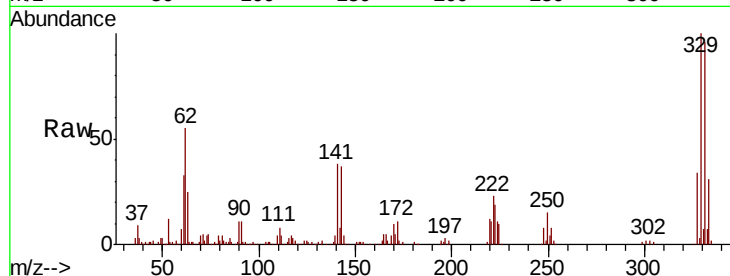




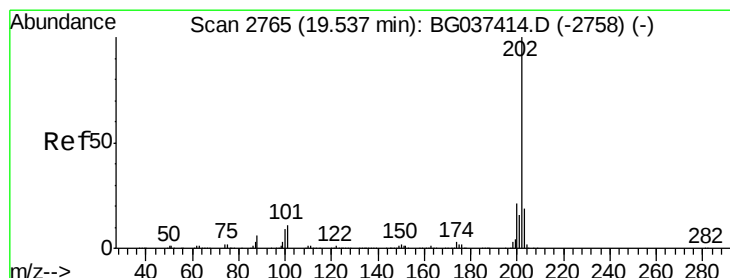
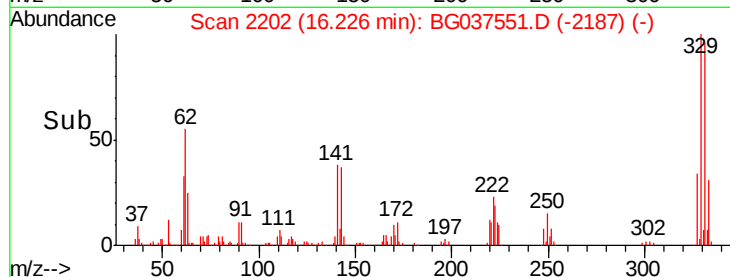
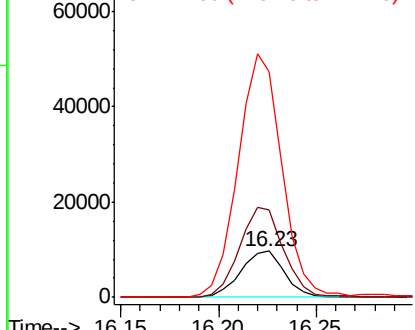
#67
4-Bromophenyl-phenylether
Concen: 3.614 ng
RT: 16.23 min Scan# 2202
Delta R.T. -0.44 min
Lab File: BG037551.D
Acq: 25 Oct 2018 18:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 14963
Ion Ratio Lower Upper
248 100
250 191.6 77.0 115.6#
141 379.7 55.5 83.3#

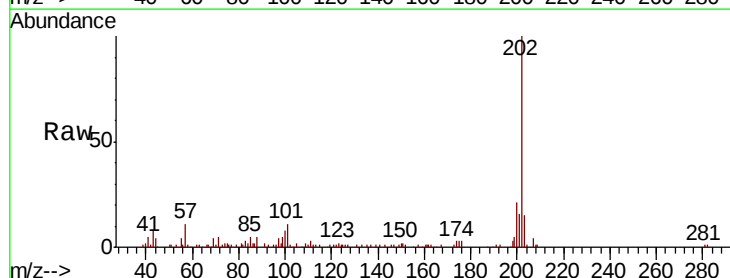


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

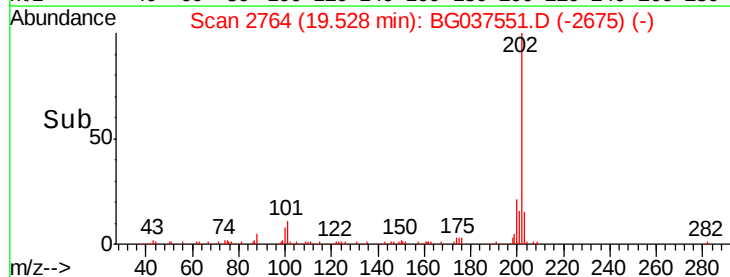
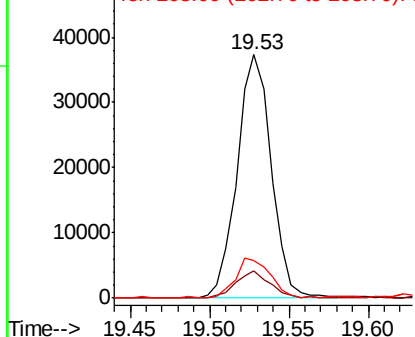


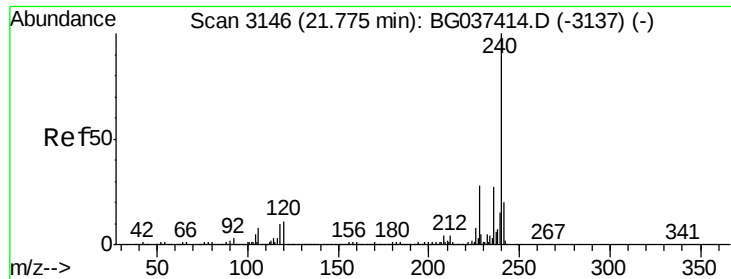
#75
Fluoranthene
Concen: 2.564 ng
RT: 19.53 min Scan# 2764
Delta R.T. -0.01 min
Lab File: BG037551.D
Acq: 25 Oct 2018 18:57

Tgt Ion:202 Resp: 55723
Ion Ratio Lower Upper
202 100
101 11.4 0.0 30.7
203 15.3 0.0 38.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

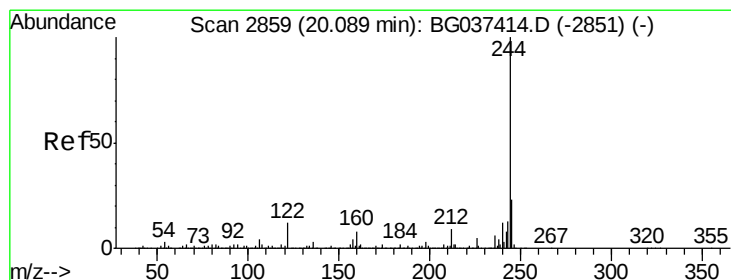
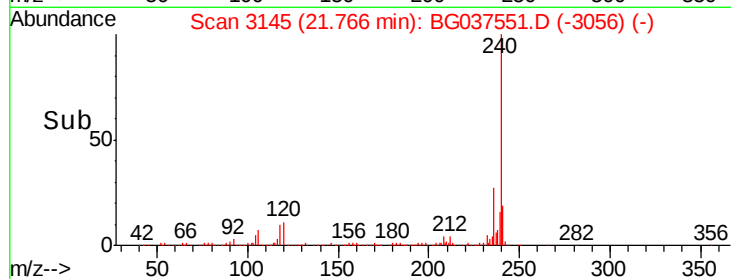
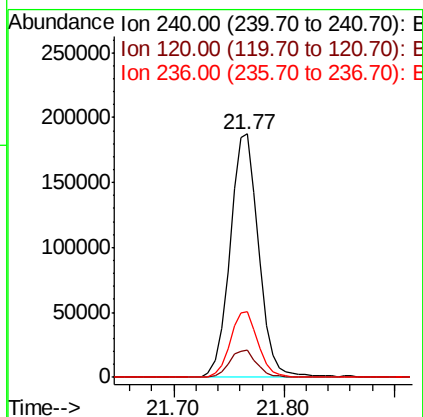
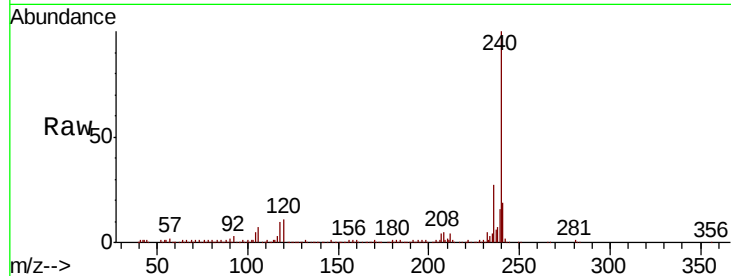




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.77 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG037551.D
 Acq: 25 Oct 2018 18:57

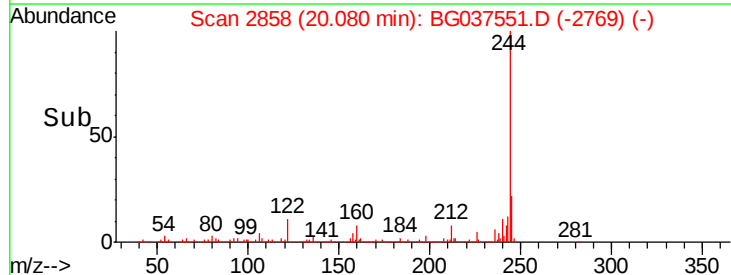
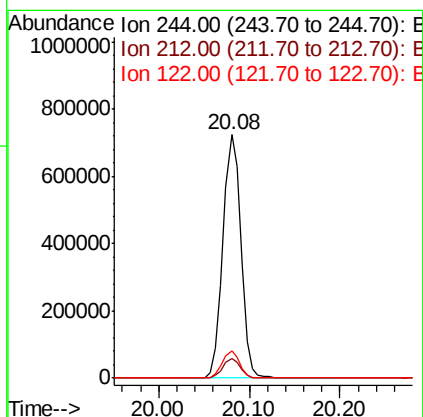
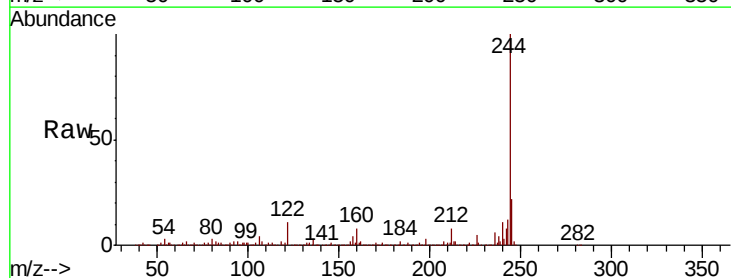
Instrument :
 BNA_G
 ClientSampled :

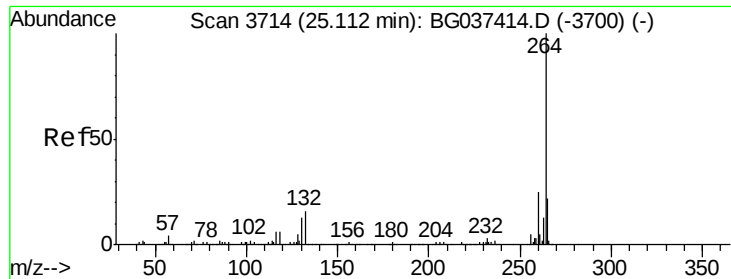
Tot Ion:240 Resp: 340517
 Ion Ratio Lower Upper
 240 100
 120 11.0 8.1 12.1
 236 26.8 21.4 32.0



#79
 Terphenyl-d14
 Concen: 62.368 ng
 RT: 20.08 min Scan# 2858
 Delta R.T. -0.01 min
 Lab File: BG037551.D
 Acq: 25 Oct 2018 18:57

Tgt Ion:244 Resp: 993901
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.5 9.7
 122 11.3 9.0 13.4

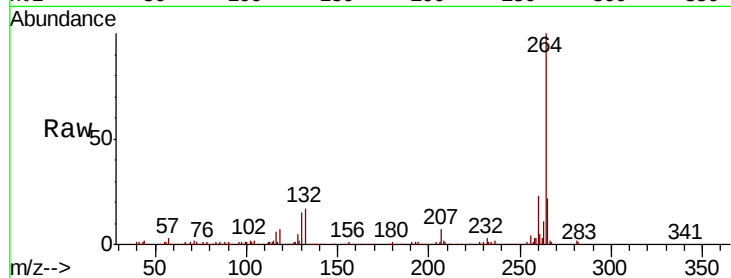




#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.09 min Scan# 3711
Delta R.T. -0.02 min
Lab File: BG037551.D
Acq: 25 Oct 2018 18:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.2	27.4
265	21.8	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

