

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102518\
 Data File : BG037564.D
 Acq On : 26 Oct 2018 4:07
 Operator : JU/SJ
 Sample : J5633-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 26 08:08:51 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

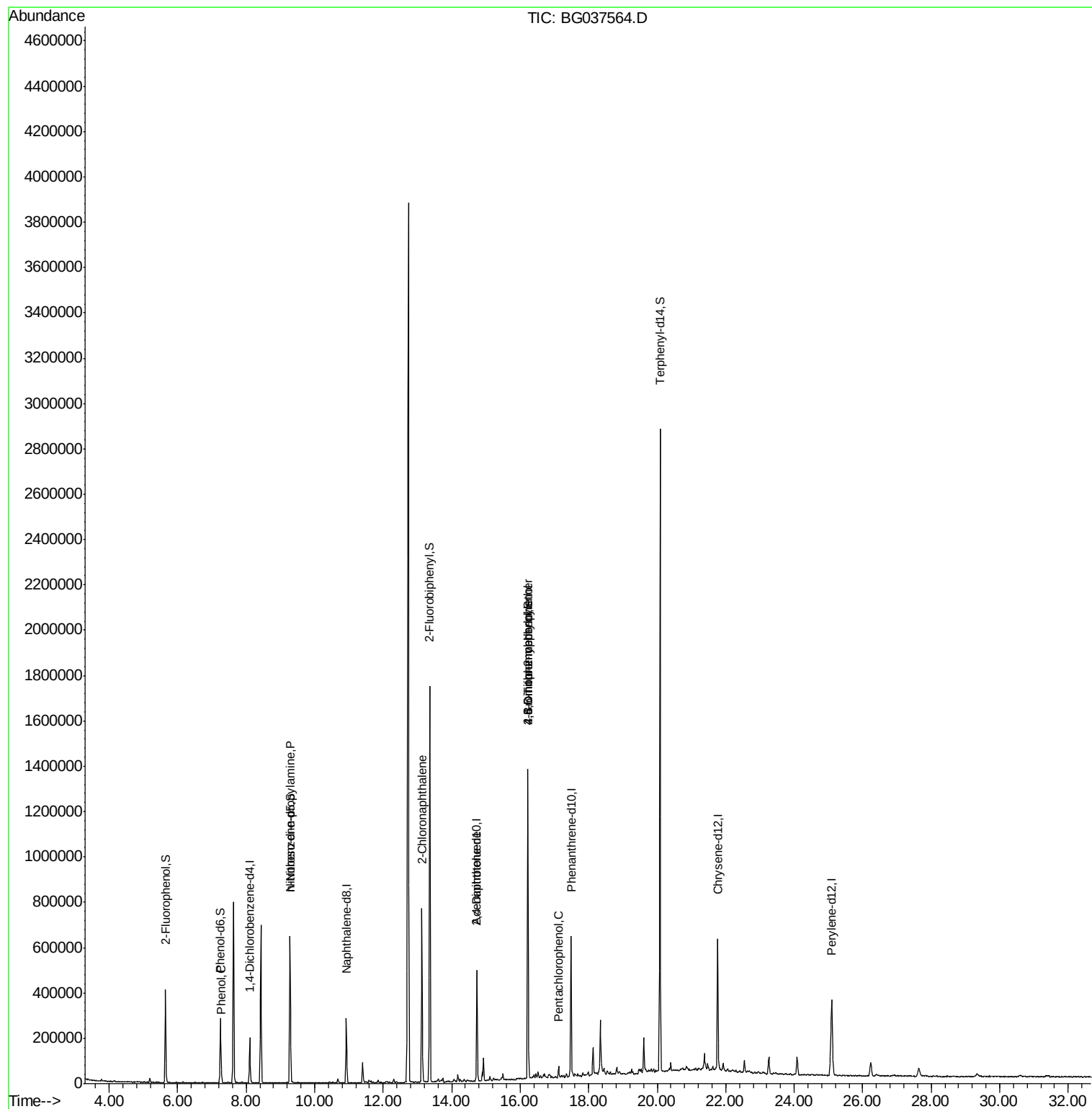
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	59135	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	261986	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	173282	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	393717	20.00	ng	0.00
76) Chrysene-d12	21.77	240	354457	20.00	ng	0.00
87) Perylene-d12	25.10	264	367251	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	200800	56.77	ng	0.00
7) Phenol-d6	7.24	99	180142	33.68	ng	0.00
23) Nitrobenzene-d5	9.28	82	410675	87.81	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	246069	130.20	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	928091	80.76	ng	0.00
79) Terphenyl-d14	20.08	244	1302851	78.54	ng	0.00
Target Compounds						
10) Phenol	7.27	94	39597	7.017	ng	96
19) n-Nitroso-di-n-propylamine	9.28	70	53018	14.395	ng	# 74
47) 2-Chloronaphthalene	13.13	162	60494	5.572	ng	# 40
57) 2,4-Dinitrotoluene	14.73	165	21848	5.612	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.22	198	954	8.887	ng	83
67) 4-Bromophenyl-phenylether	16.22	248	17820	4.122	ng	# 1
70) Pentachlorophenol	17.12	266	8668	2.888	ng	# 87

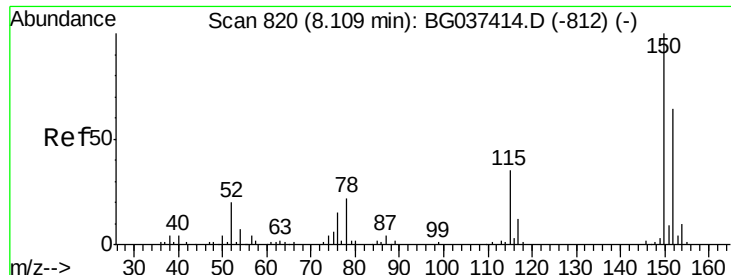
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration



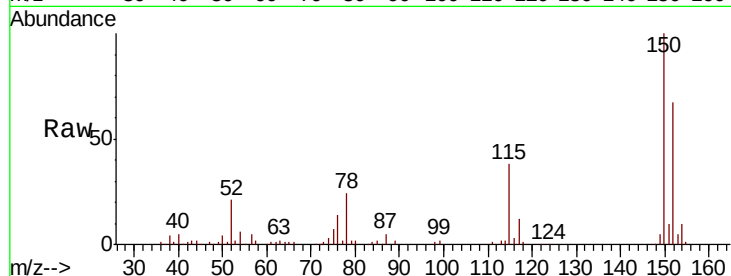


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG037564.D
Acq: 26 Oct 2018 4:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.8	126.0	189.0
115	56.2	45.5	68.3

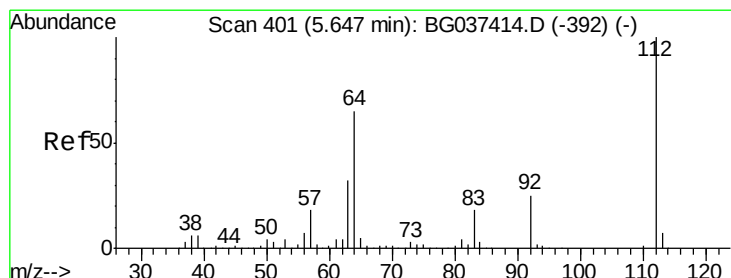
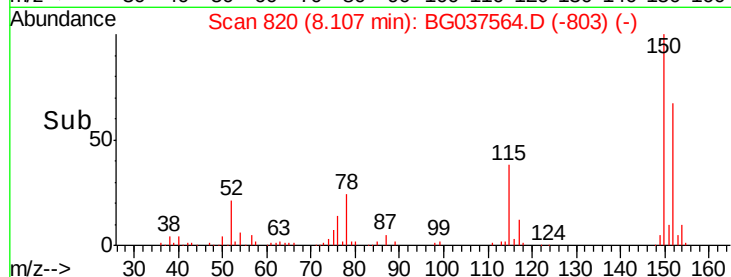
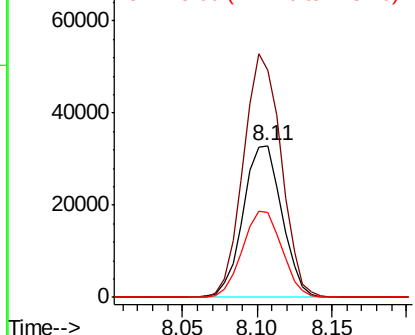


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

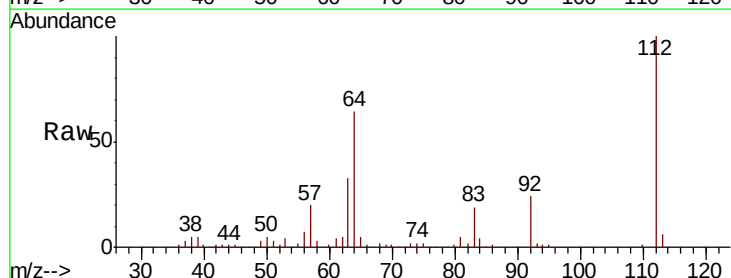
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 56.770 ng
RT: 5.65 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037564.D
Acq: 26 Oct 2018 4:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.0	53.1	79.7
63	32.6	27.3	40.9

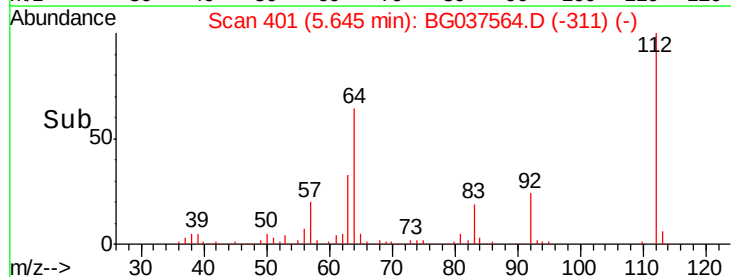
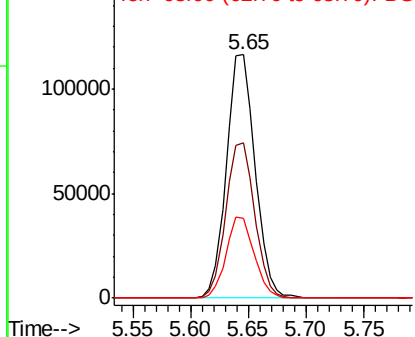


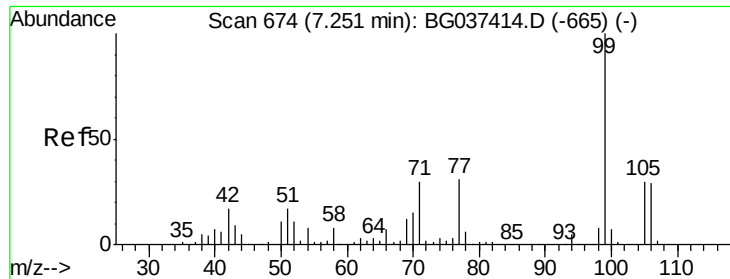
Abundance

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: 33.681 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037564.D

Acq: 26 Oct 2018 4:07

Instrument :

BNA_G

ClientSampled :

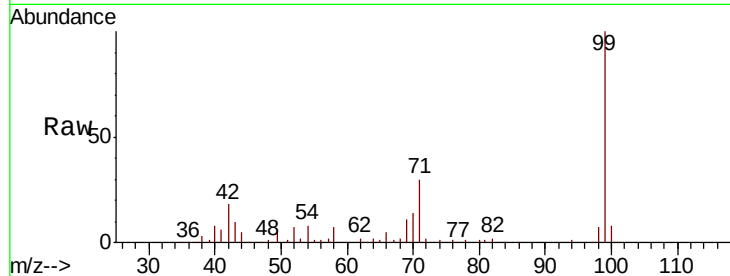
Tot Ion: 99 Resp: 180142

Ion Ratio Lower Upper

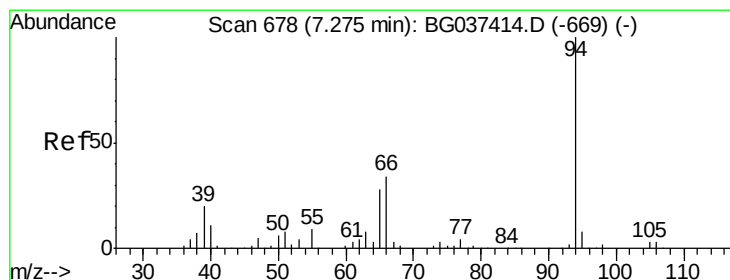
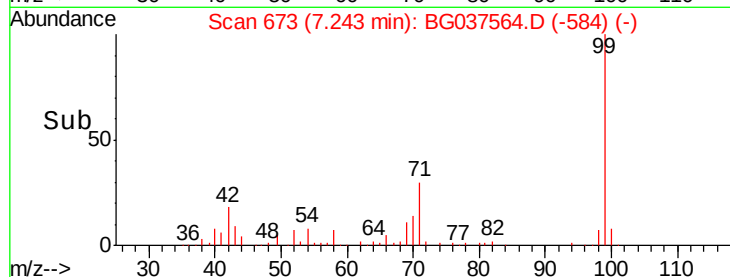
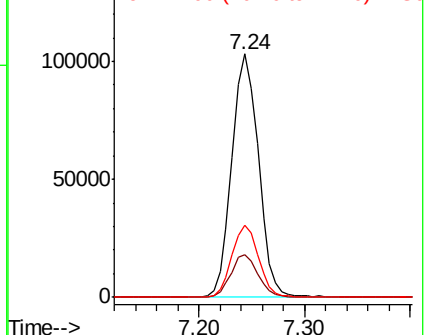
99 100

42 17.7 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: 7.017 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG037564.D

Acq: 26 Oct 2018 4:07

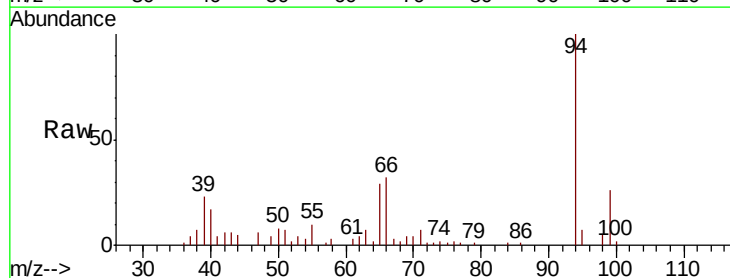
Tgt Ion: 94 Resp: 39597

Ion Ratio Lower Upper

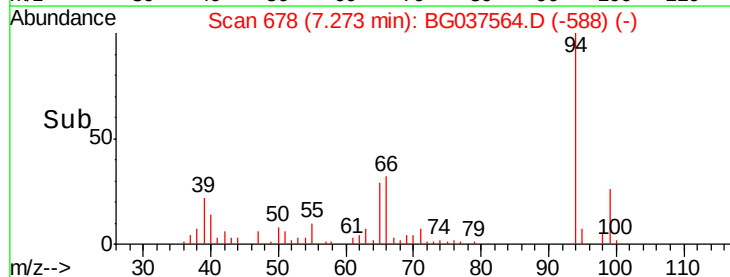
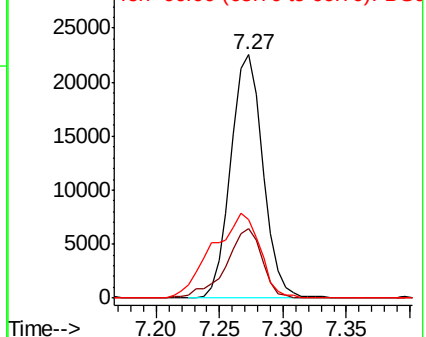
94 100

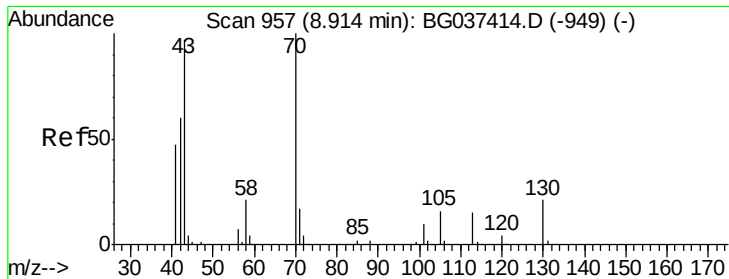
65 28.7 9.7 49.7

66 32.0 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: 14.395 ng

RT: 9.28 min Scan# 1020

Delta R.T. 0.37 min

Lab File: BG037564.D

Acq: 26 Oct 2018 4:07

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 53018

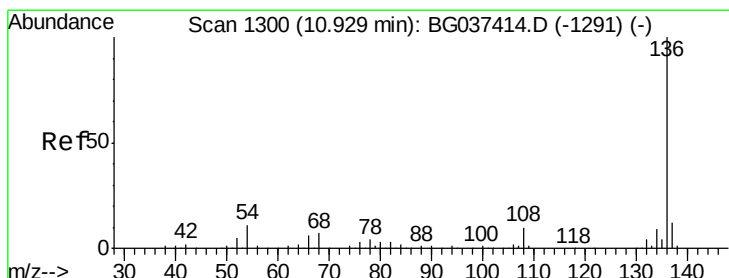
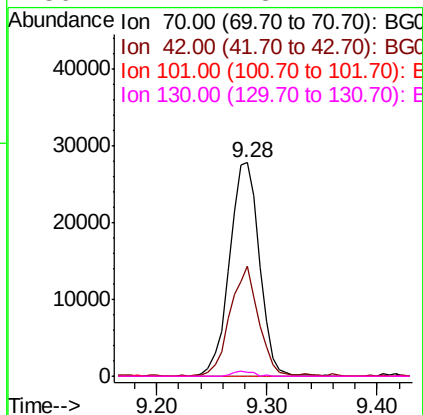
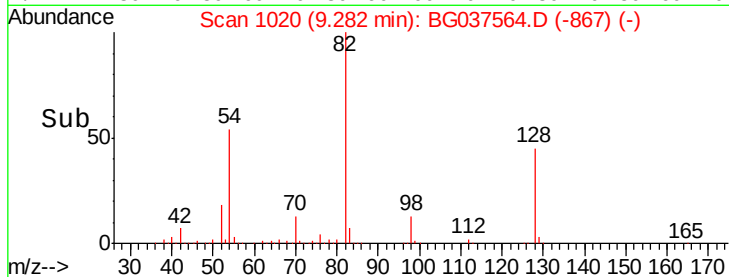
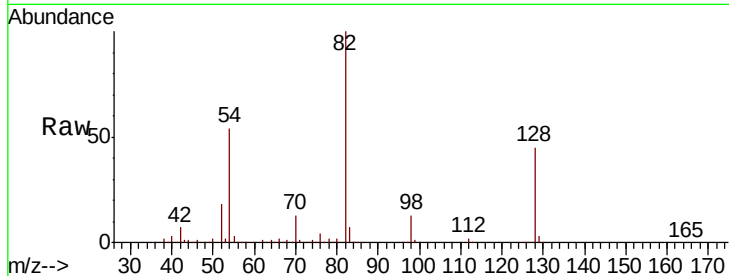
Ion Ratio Lower Upper

70 100

42 51.8 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: 10.93 min Scan# 1300

Delta R.T. -0.00 min

Lab File: BG037564.D

Acq: 26 Oct 2018 4:07

Tgt Ion:136 Resp: 261986

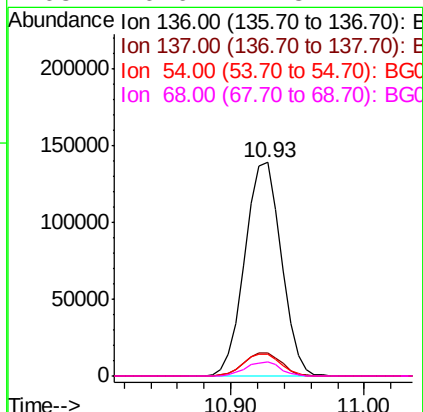
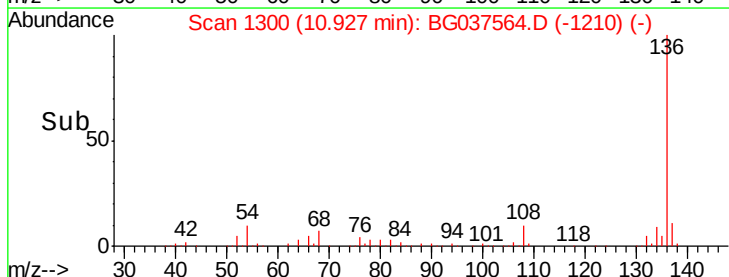
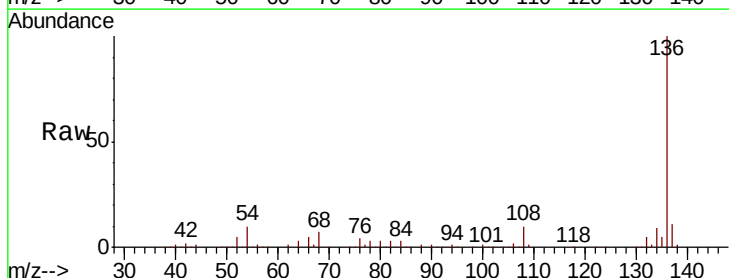
Ion Ratio Lower Upper

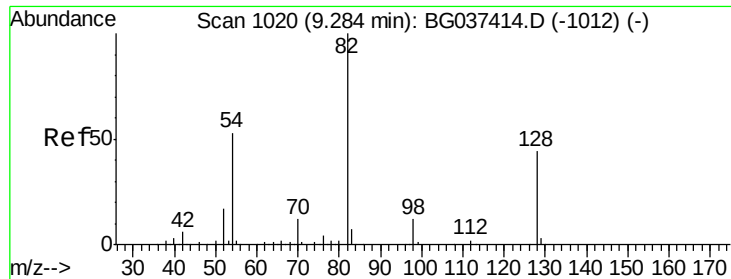
136 100

137 10.6 9.6 14.4

54 9.9 7.9 11.9

68 6.6 4.8 7.2

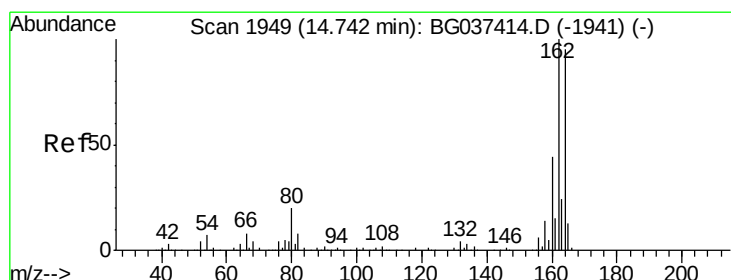
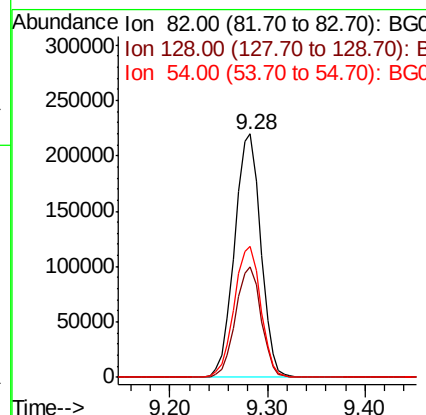
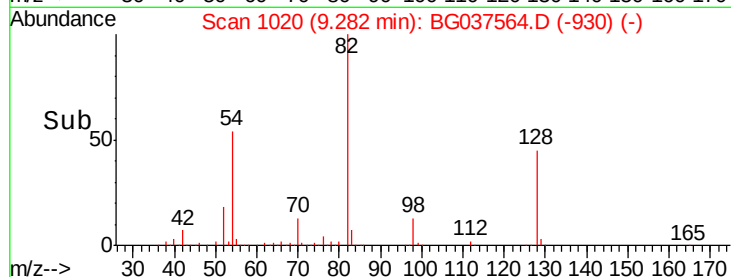
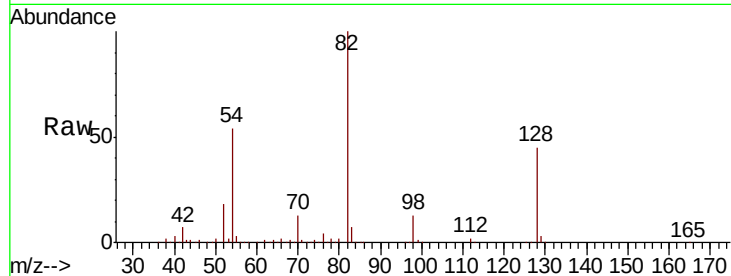




#23
Nitrobenzene-d5
Concen: 87.812 ng
RT: 9.28 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG037564.D
Acq: 26 Oct 2018 4:07

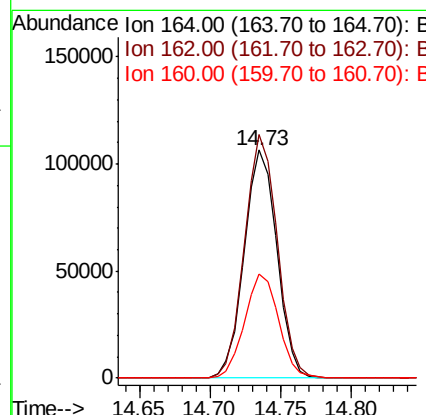
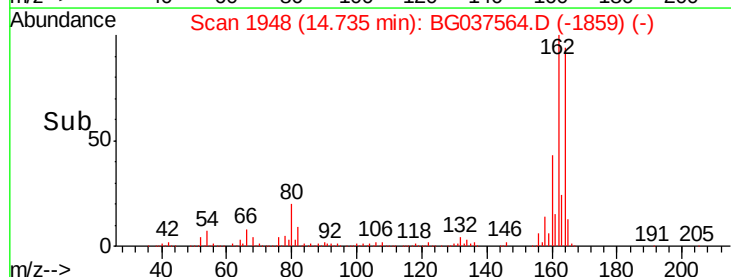
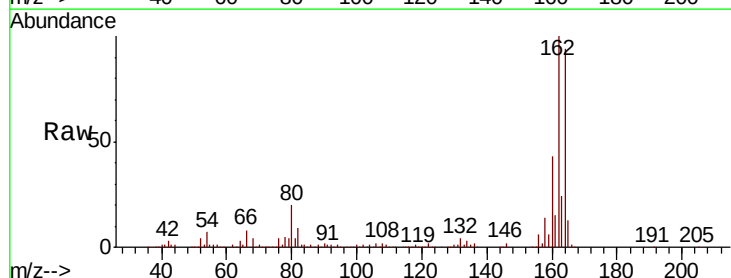
Instrument :
BNA_G
ClientSampled :

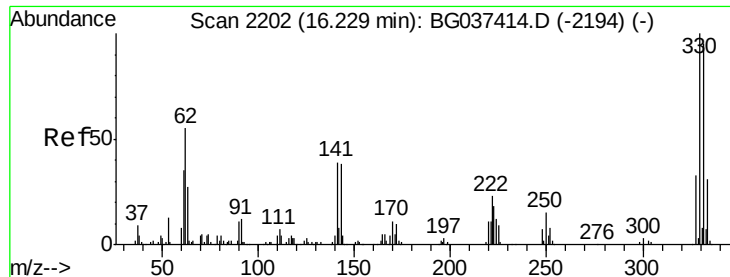
Tot Ion	82	Resp	410675
Ion Ratio	100	Lower	Upper
128	45.3	34.6	51.8
54	53.8	45.3	67.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG037564.D
Acq: 26 Oct 2018 4:07

Tgt Ion	164	Resp	173282
Ion Ratio	100	Lower	Upper
162	106.7	81.3	121.9
160	45.5	36.3	54.5





#42

2,4,6-Tribromophenol

Concen: 130.197 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037564.D

Acq: 26 Oct 2018 4:07

Instrument :

BNA_G

ClientSampleId :

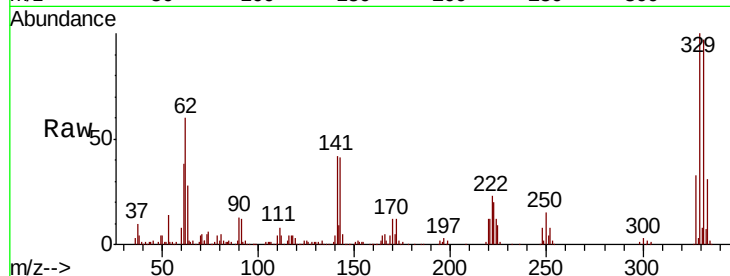
Tot Ion:330 Resp: 246069

Ion Ratio Lower Upper

330 100

332 96.8 78.4 117.6

141 41.4 32.2 48.2

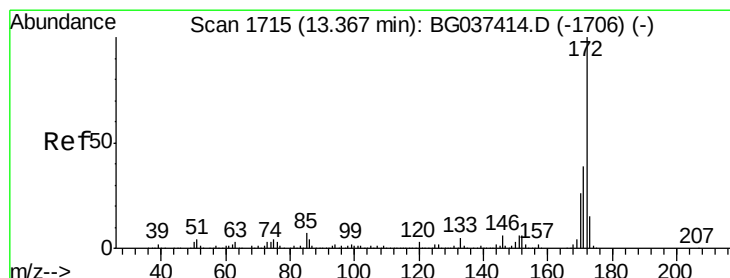
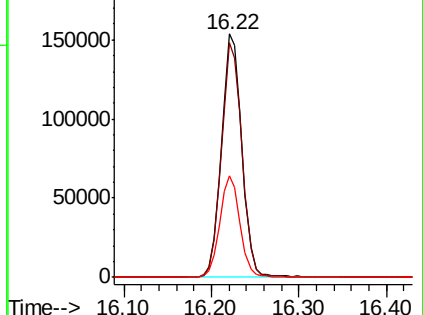
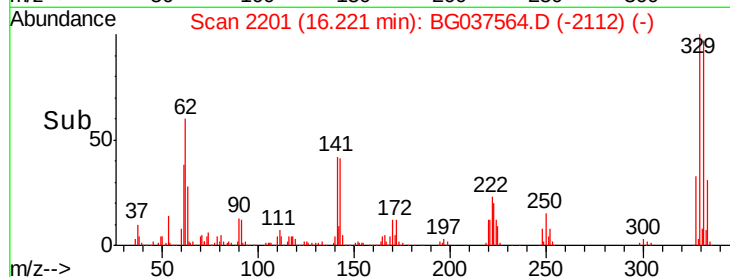


Abundance

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: 80.765 ng

RT: 13.36 min Scan# 1714

Delta R.T. -0.01 min

Lab File: BG037564.D

Acq: 26 Oct 2018 4:07

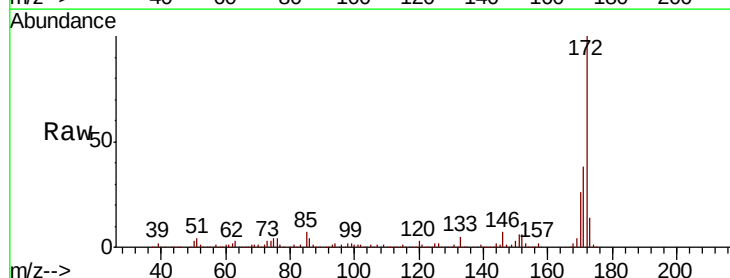
Tgt Ion:172 Resp: 928091

Ion Ratio Lower Upper

172 100

171 38.4 31.0 46.4

170 25.7 20.2 30.2

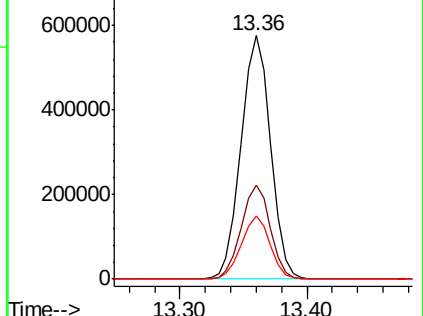
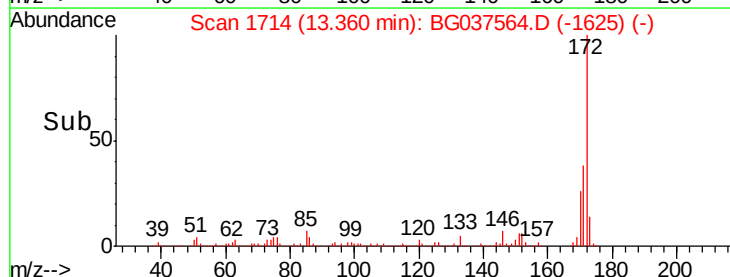


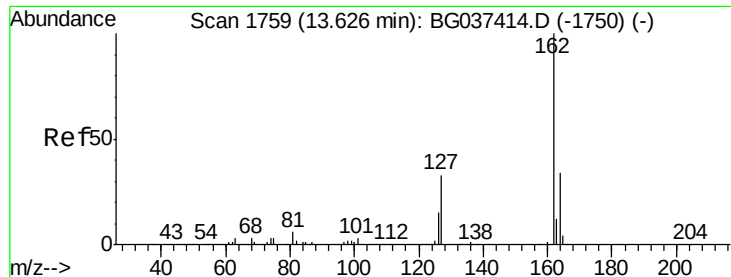
Abundance

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





#47

2-Chloronaphthalene

Concen: 5.572 ng

RT: 13.13 min Scan# 1675

Delta R.T. -0.50 min

Lab File: BG037564.D

Acq: 26 Oct 2018 4:07

Instrument :

BNA_G

ClientSampled :

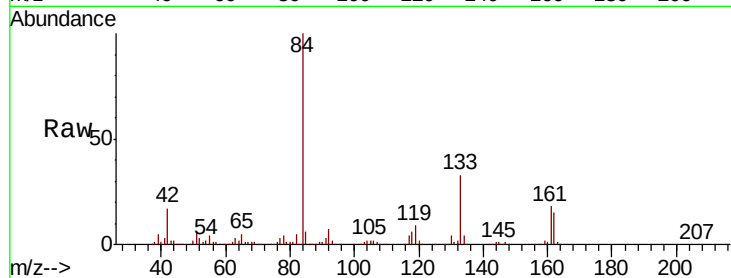
Tot Ion:162 Resp: 60494

Ion Ratio Lower Upper

162 100

127 0.0 30.5 45.7#

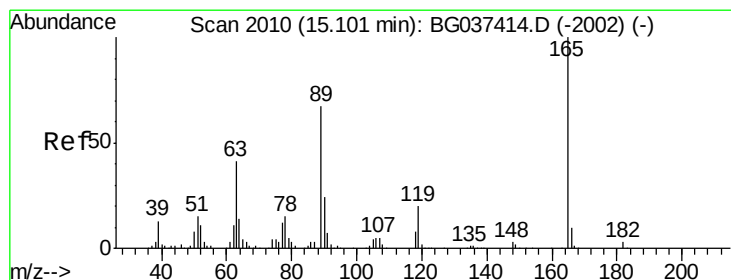
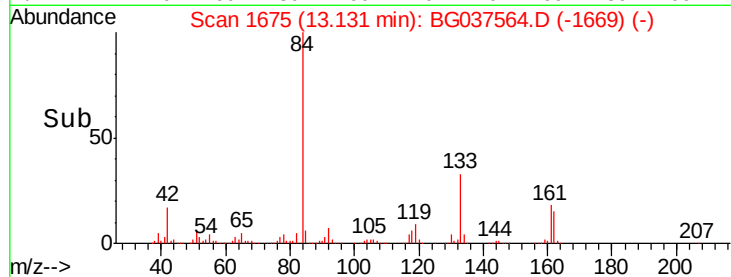
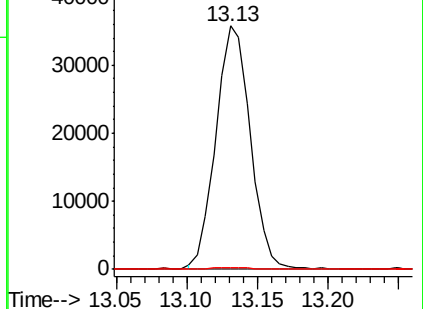
164 0.7 26.4 39.6#



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#57

2,4-Dinitrotoluene

Concen: 5.612 ng

RT: 14.73 min Scan# 1948

Delta R.T. -0.37 min

Lab File: BG037564.D

Acq: 26 Oct 2018 4:07

Tgt Ion:165 Resp: 21848

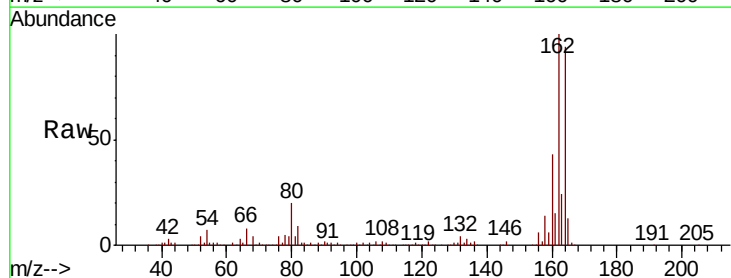
Ion Ratio Lower Upper

165 100

63 2.3 33.4 50.0#

89 1.4 57.2 85.8#

182 0.0 2.6 4.0#

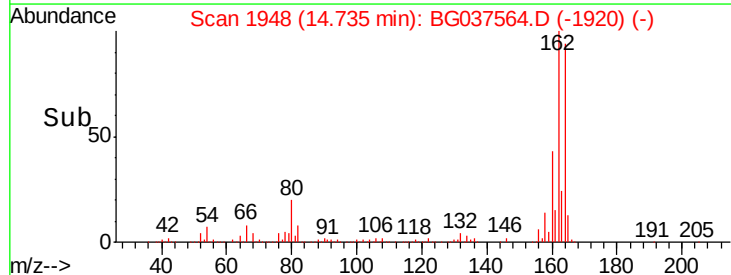
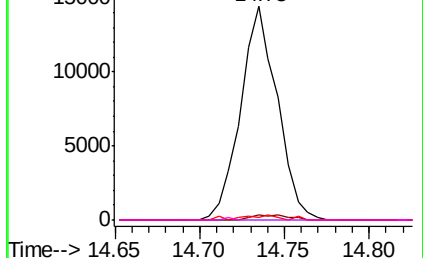


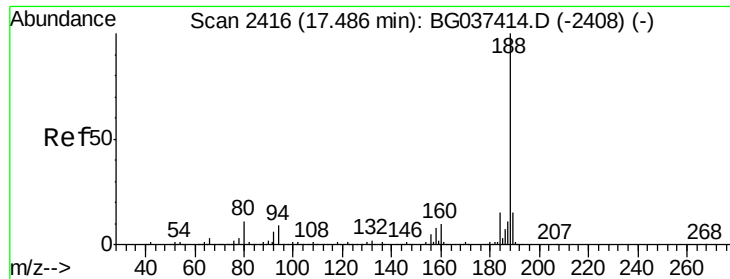
Abundance Ion 165.00 (164.70 to 165.70): E

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: BG037564.D

Acq: 26 Oct 2018 4:07

Instrument :

BNA_G

ClientSampleId :

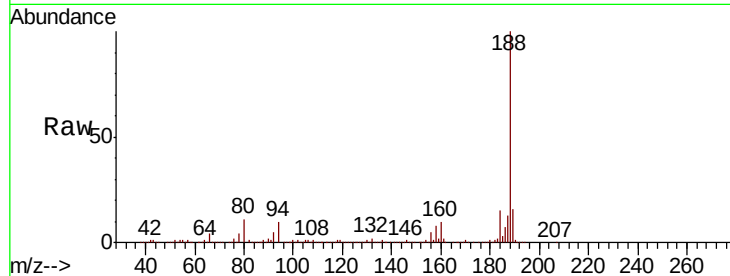
Tot Ion:188 Resp: 393717

Ion Ratio Lower Upper

188 100

94 9.5 7.2 10.8

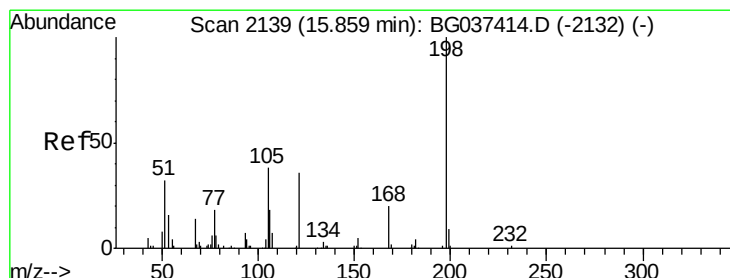
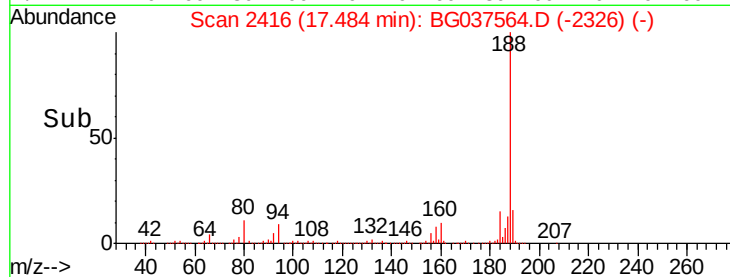
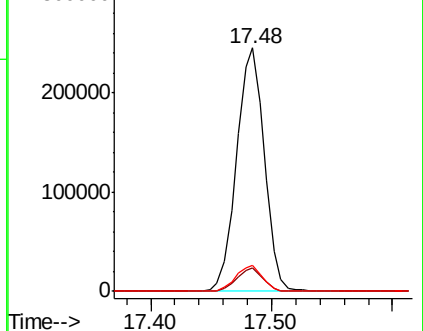
80 10.5 7.7 11.5



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: 8.887 ng

RT: 16.22 min Scan# 2201

Delta R.T. 0.36 min

Lab File: BG037564.D

Acq: 26 Oct 2018 4:07

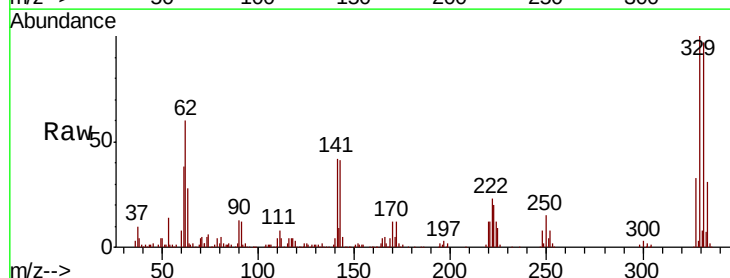
Tgt Ion:198 Resp: 954

Ion Ratio Lower Upper

198 100

51 26.1 22.7 62.7

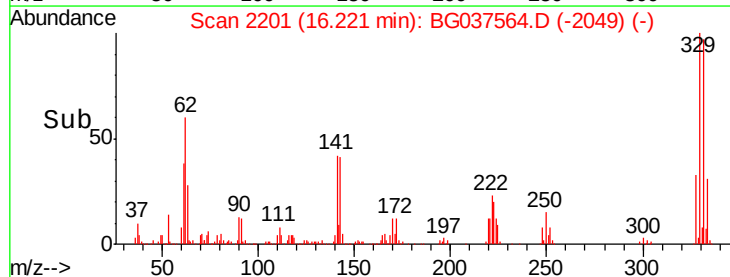
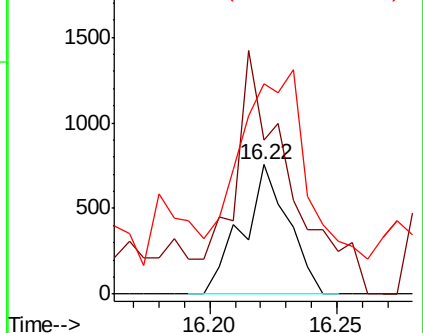
105 35.5 19.7 59.7

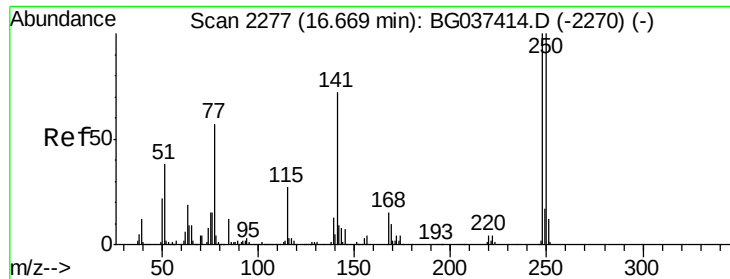


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E

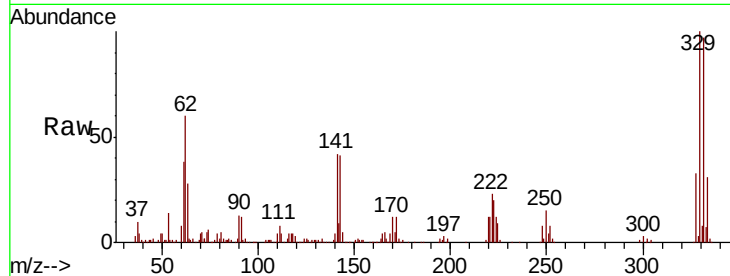




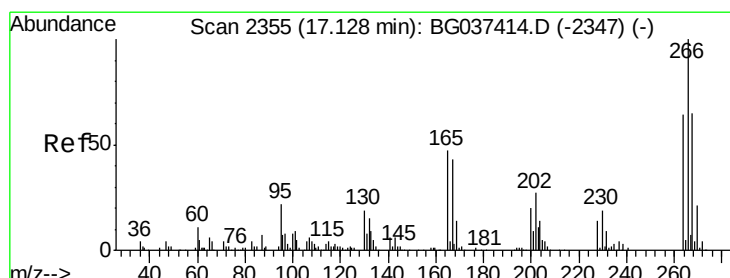
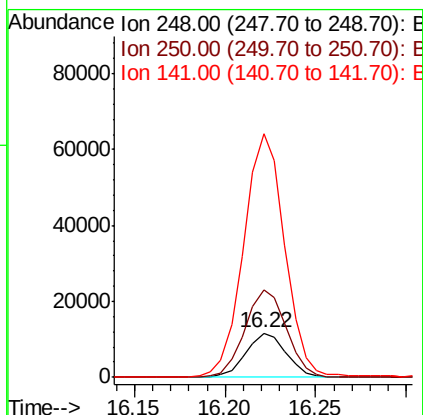
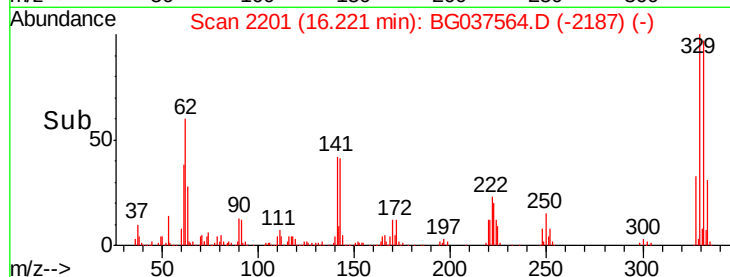
#67
 4-Bromophenyl-phenylether
 Concen: 4.122 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.45 min
 Lab File: BG037564.D
 Acq: 26 Oct 2018 4:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 17820
 Ion Ratio Lower Upper
 248 100
 250 193.1 77.0 115.6#
 141 416.2 55.5 83.3#

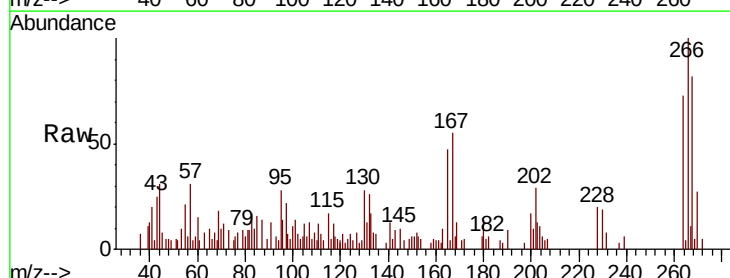


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

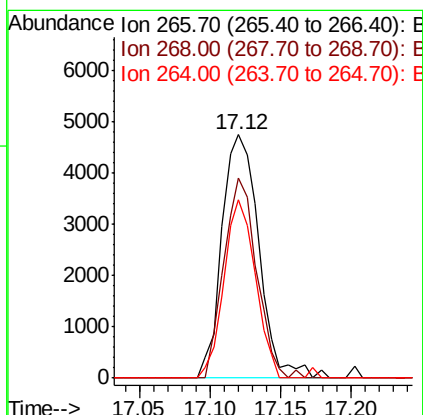
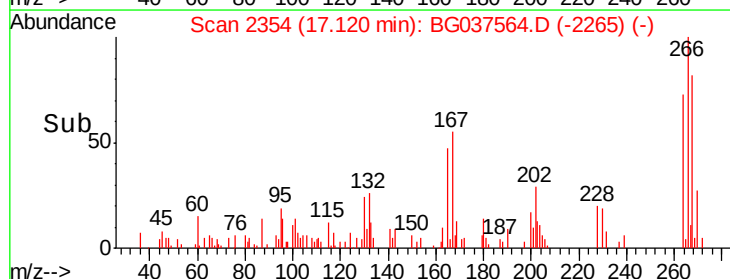


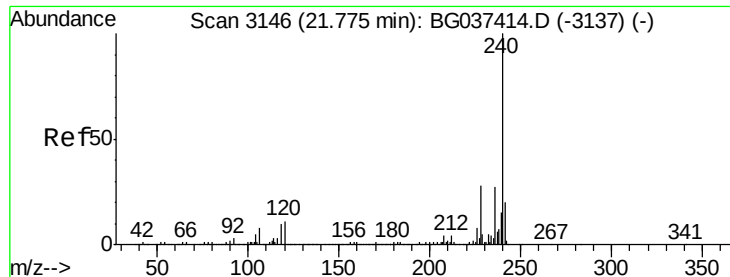
#70
 Pentachlorophenol
 Concen: 2.888 ng
 RT: 17.12 min Scan# 2354
 Delta R.T. -0.01 min
 Lab File: BG037564.D
 Acq: 26 Oct 2018 4:07

Tgt Ion:266 Resp: 8668
 Ion Ratio Lower Upper
 266 100
 268 87.3 55.0 82.6#
 264 77.1 58.9 88.3



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

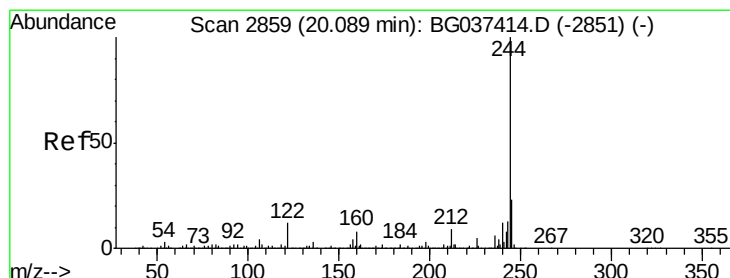
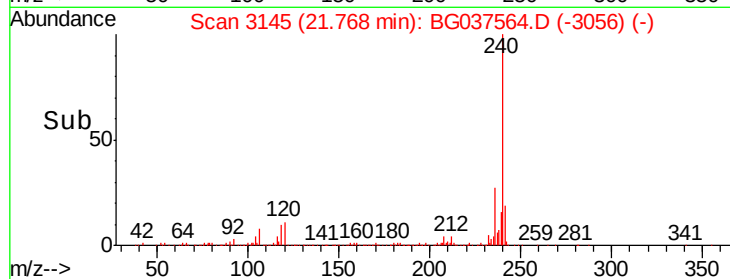
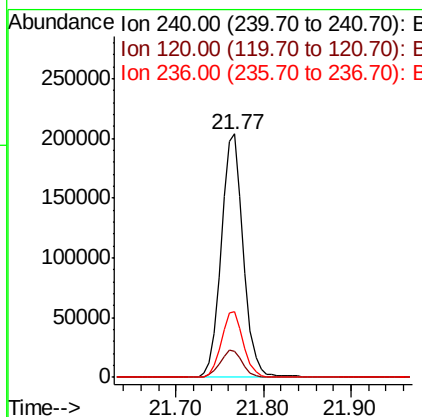
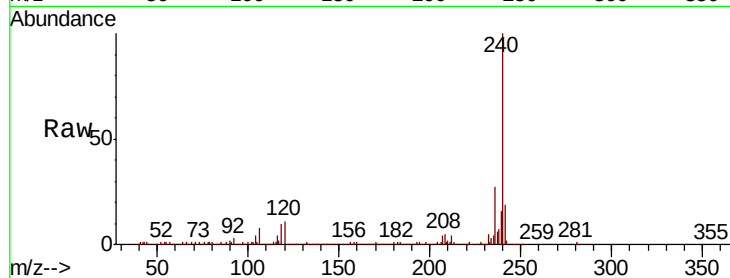




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.77 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG037564.D
 Acq: 26 Oct 2018 4:07

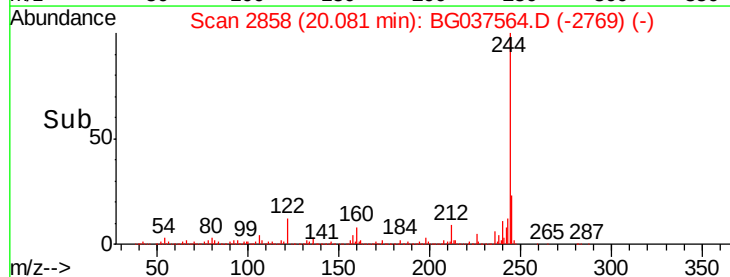
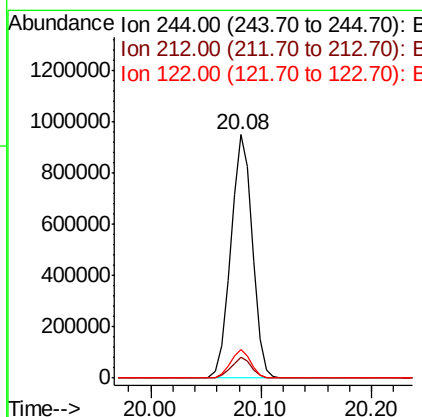
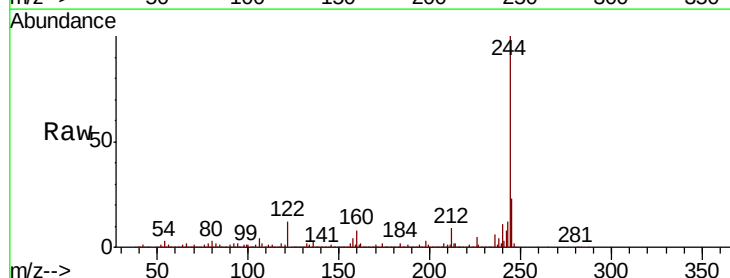
Instrument :
 BNA_G
 ClientSampled :

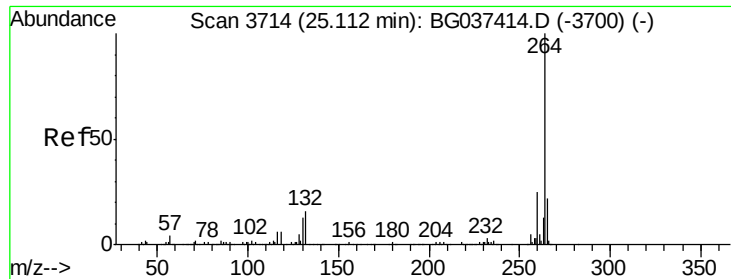
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.1	12.1
236	27.2	21.4	32.0



#79
 Terphenyl-d14
 Concen: 78.540 ng
 RT: 20.08 min Scan# 2858
 Delta R.T. -0.01 min
 Lab File: BG037564.D
 Acq: 26 Oct 2018 4:07

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.5	9.7
122	11.5	9.0	13.4





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.10 min Scan# 3712
 Delta R.T. -0.01 min
 Lab File: BG037564.D
 Acq: 26 Oct 2018 4:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.2	27.4
265	22.5	17.9	26.9

