

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102318\
 Data File : BG037509.D
 Acq On : 24 Oct 2018 13:32
 Operator : JU/SJ
 Sample : J5623-07
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 24 14:37:27 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

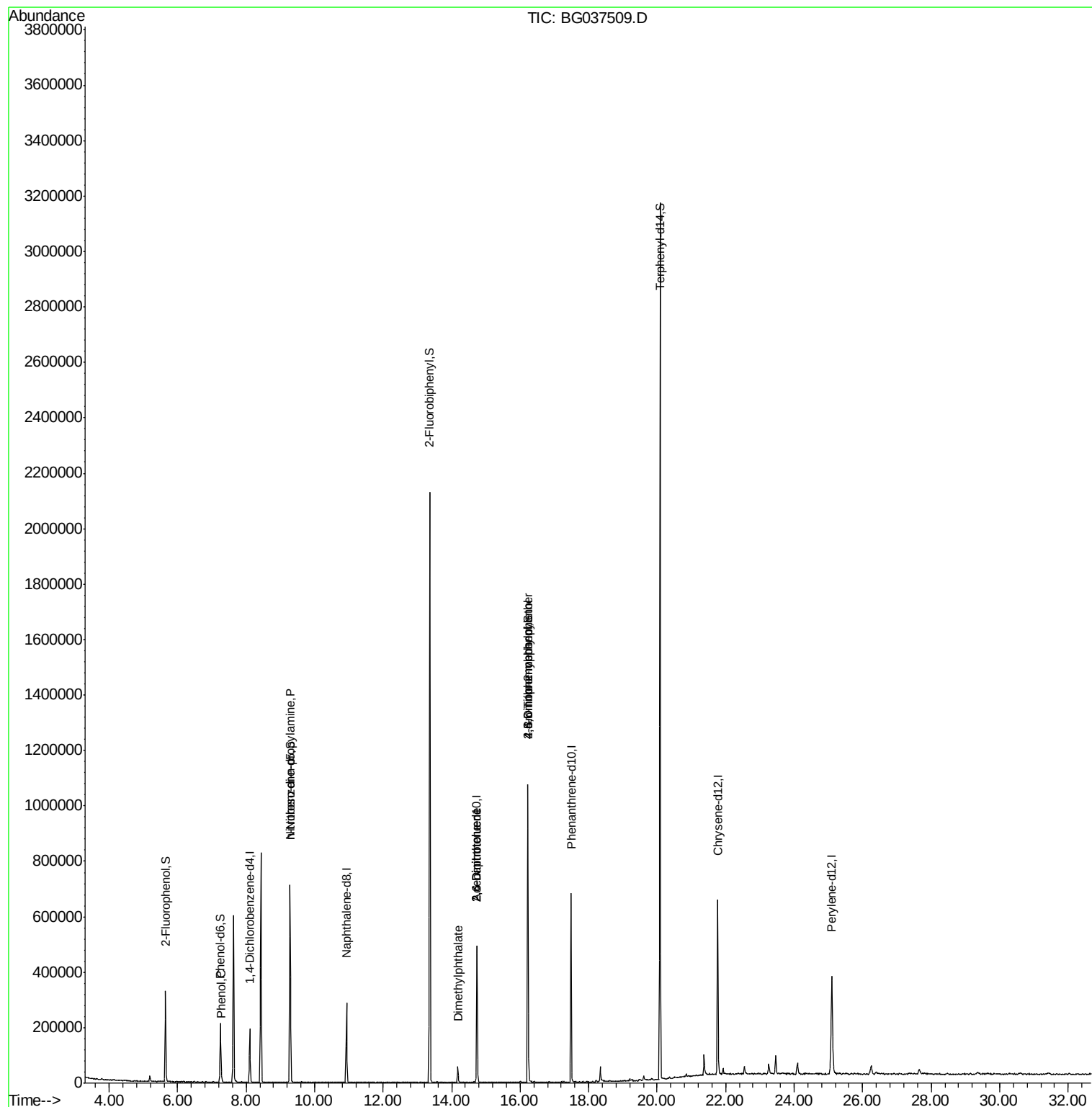
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	57593	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	262281	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	178651	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	427749	20.00	ng	0.00
76) Chrysene-d12	21.77	240	391414	20.00	ng	0.00
87) Perylene-d12	25.10	264	394693	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	153692	44.61	ng	0.00
7) Phenol-d6	7.25	99	133035	25.54	ng	0.00
23) Nitrobenzene-d5	9.28	82	457333	97.68	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	195783	100.48	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	1134513	95.76	ng	0.00
79) Terphenyl-d14	20.08	244	1483138	80.97	ng	0.00
Target Compounds						
10) Phenol	7.27	94	25549	4.649	ng	92
19) n-Nitroso-di-n-propylamine	9.28	70	58188	16.222	ng	# 73
50) Dimethylphthalate	14.18	163	42272	3.059	ng	97
51) 2,6-Dinitrotoluene	14.74	165	23725	7.760	ng	# 25
57) 2,4-Dinitrotoluene	14.74	165	23725	5.911	ng	# 24
65) 4,6-Dinitro-2-methylphenol	16.22	198	435	8.667	ng	95
67) 4-Bromophenyl-phenylether	16.22	248	14579	3.104	ng	# 1

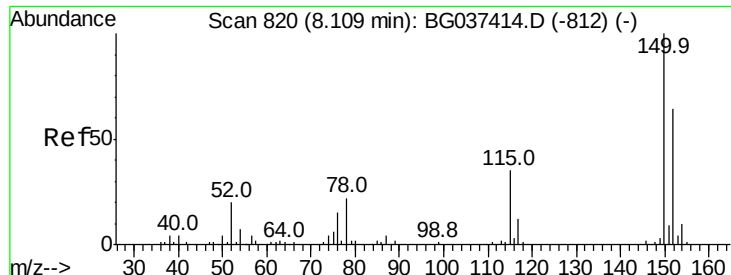
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102318\
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Misc :
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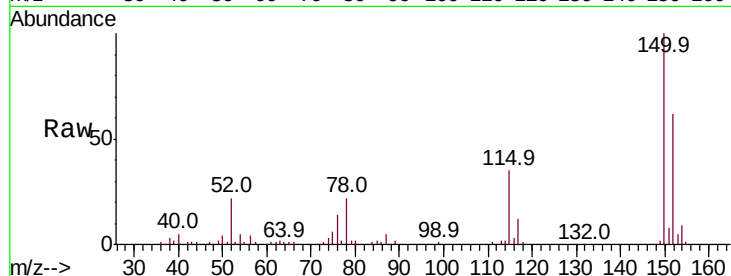


#1

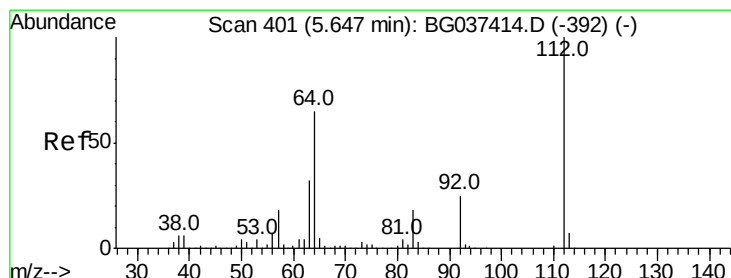
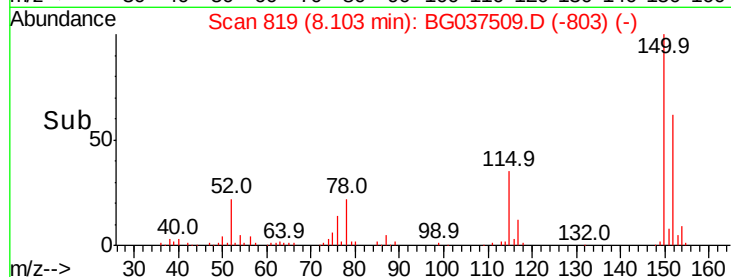
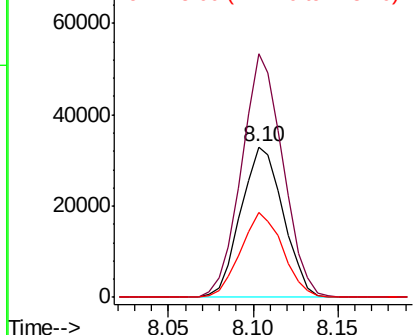
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037509.D
Acq: 24 Oct 2018 13:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 57593
Ion Ratio Lower Upper
152 100
150 161.5 126.0 189.0
115 56.6 45.5 68.3



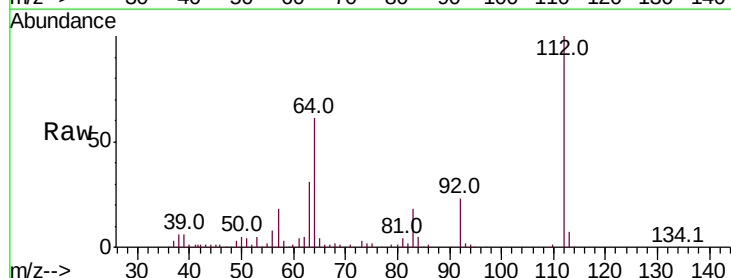
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



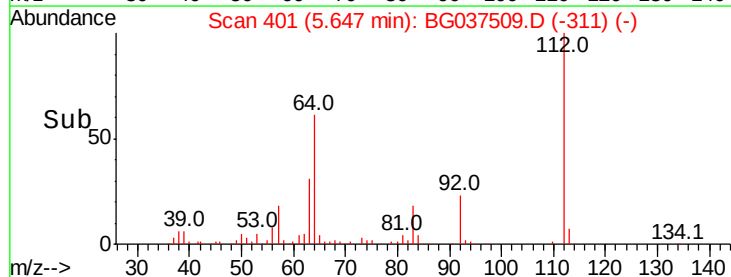
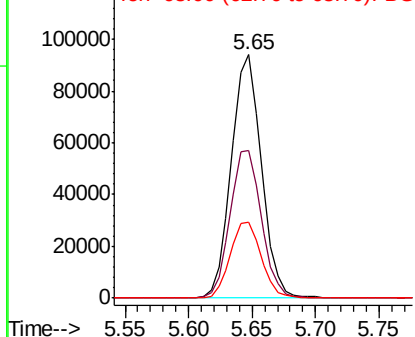
#5

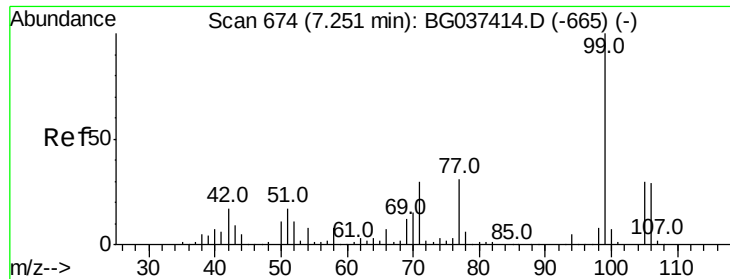
2-Fluorophenol
Concen: 44.615 ng
RT: 5.65 min Scan# 401
Delta R.T. 0.00 min
Lab File: BG037509.D
Acq: 24 Oct 2018 13:32

Tgt Ion:112 Resp: 153692
Ion Ratio Lower Upper
112 100
64 60.8 53.1 79.7
63 31.4 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 25.539 ng

RT: 7.25 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037509.D

Acq: 24 Oct 2018 13:32

Instrument :

BNA_G

ClientSampleId :

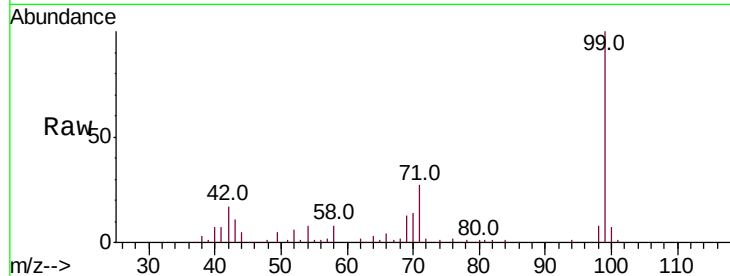
Tot Ion: 99 Resp: 133035

Ion Ratio Lower Upper

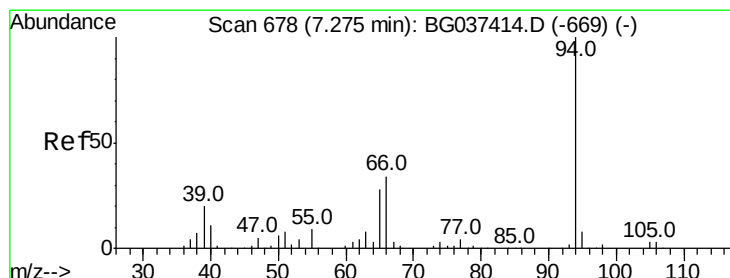
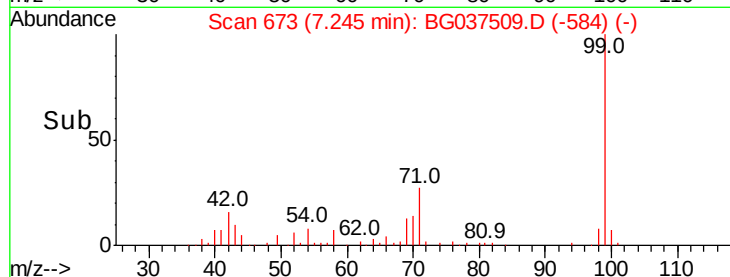
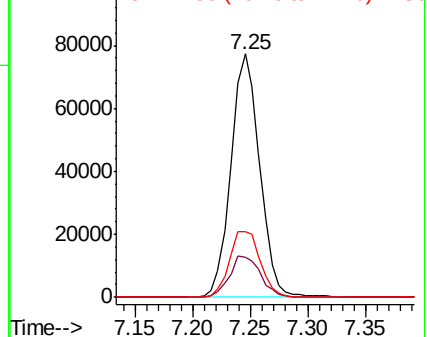
99 100

42 16.7 15.0 22.4

71 26.9 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: 4.649 ng

RT: 7.27 min Scan# 678

Delta R.T. 0.00 min

Lab File: BG037509.D

Acq: 24 Oct 2018 13:32

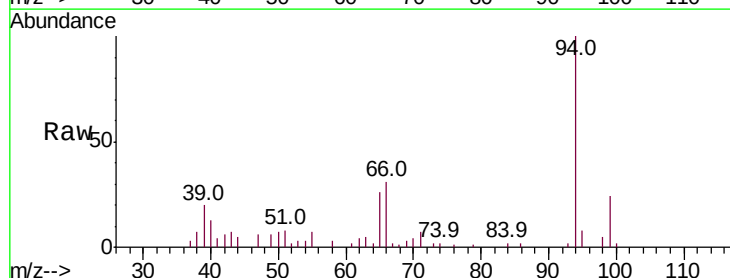
Tgt Ion: 94 Resp: 25549

Ion Ratio Lower Upper

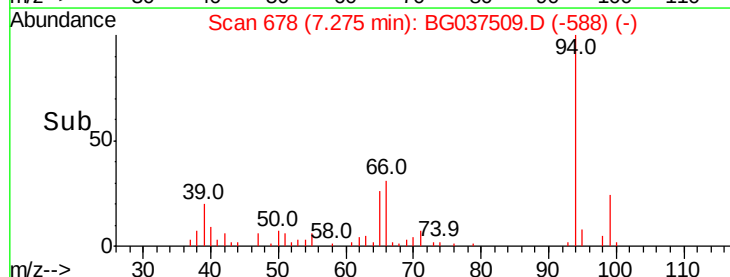
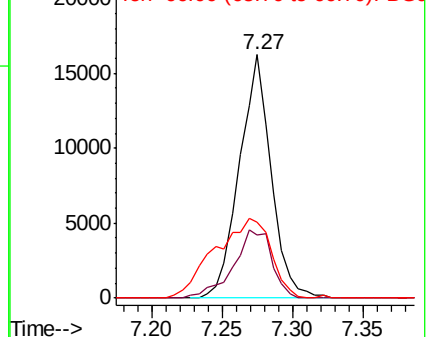
94 100

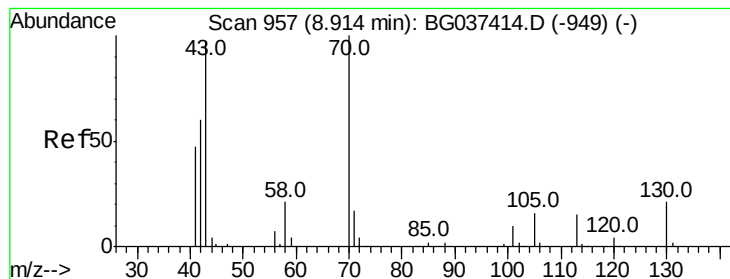
65 25.8 9.7 49.7

66 31.3 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: 16.222 ng

RT: 9.28 min Scan# 1020

Delta R.T. 0.37 min

Lab File: BG037509.D

Acq: 24 Oct 2018 13:32

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 58188

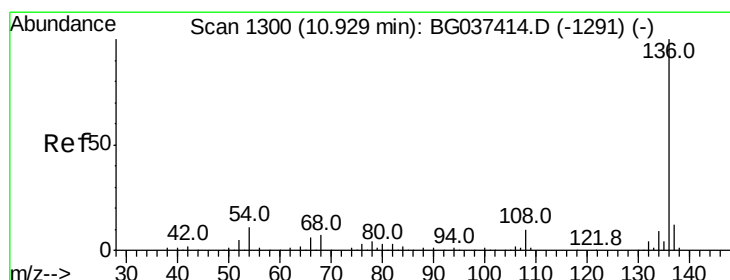
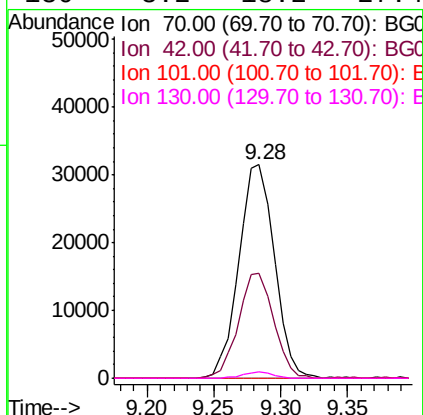
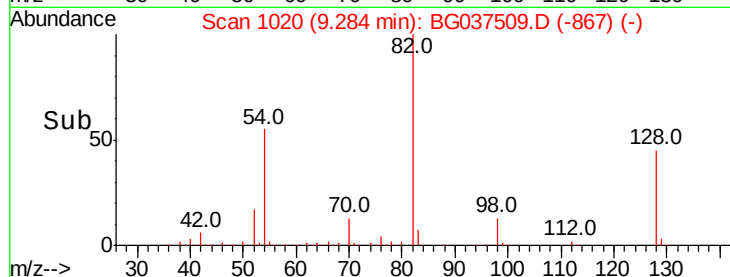
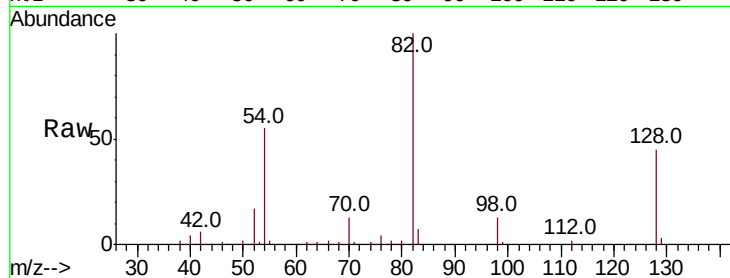
Ion Ratio Lower Upper

70 100

42 49.0 53.9 80.9#

101 0.0 8.2 12.2#

130 3.2 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: BG037509.D

Acq: 24 Oct 2018 13:32

Tgt Ion: 136 Resp: 262281

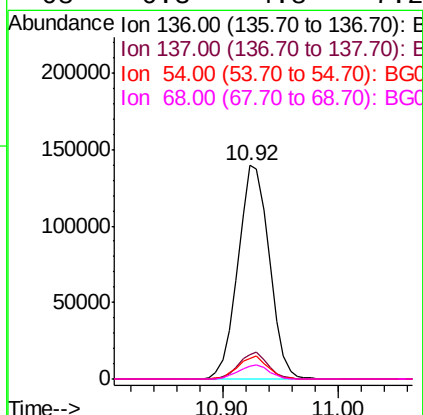
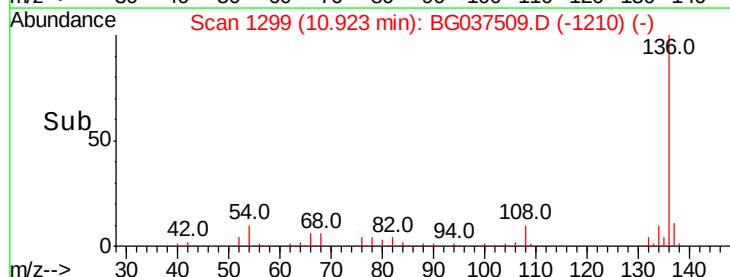
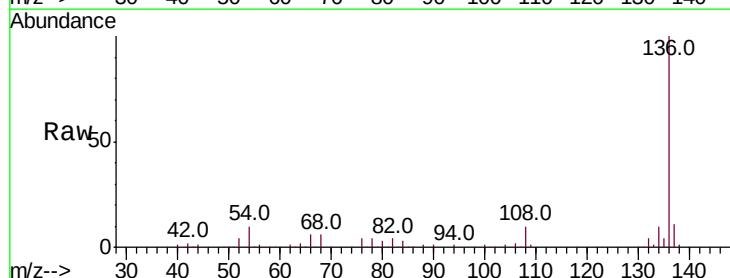
Ion Ratio Lower Upper

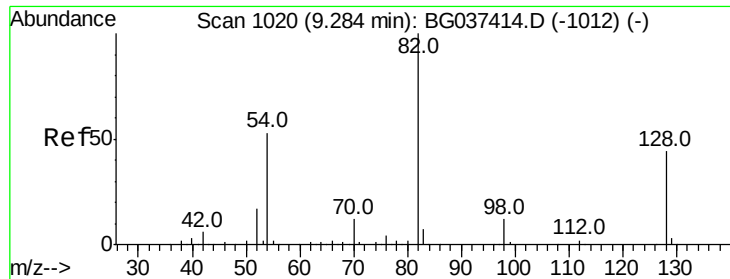
136 100

137 11.1 9.6 14.4

54 9.7 7.9 11.9

68 6.3 4.8 7.2

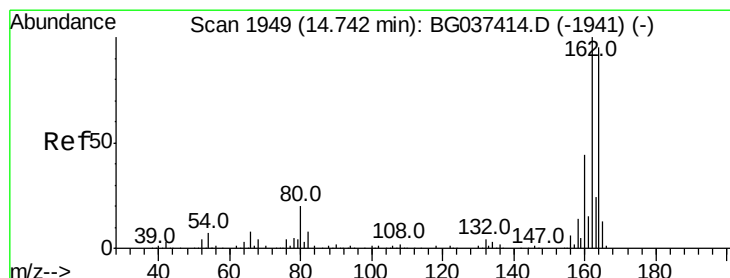
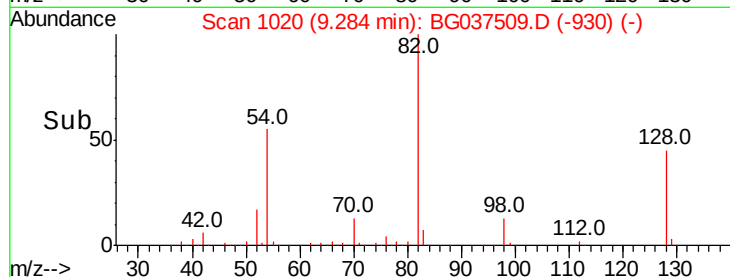
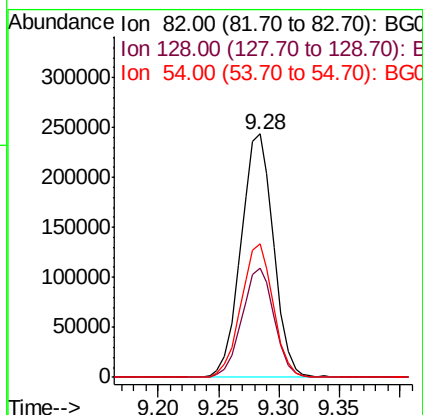
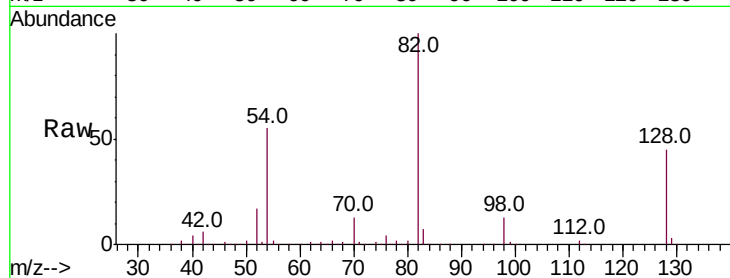




#23
Nitrobenzene-d5
Concen: 97.679 ng
RT: 9.28 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BG037509.D
Acq: 24 Oct 2018 13:32

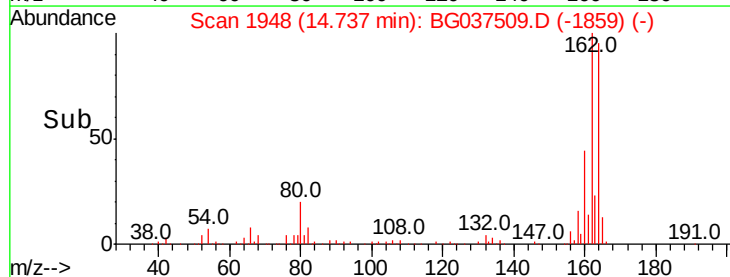
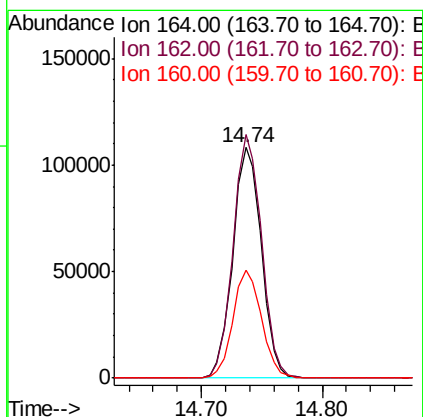
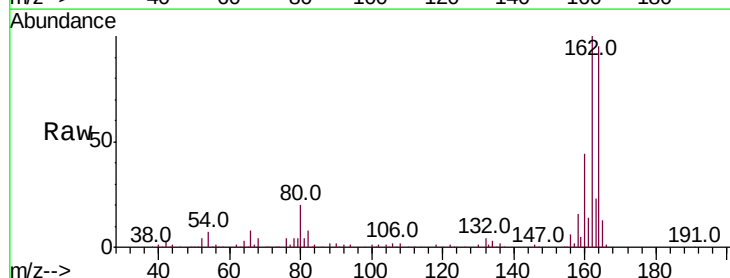
Instrument :
BNA_G
ClientSampled :

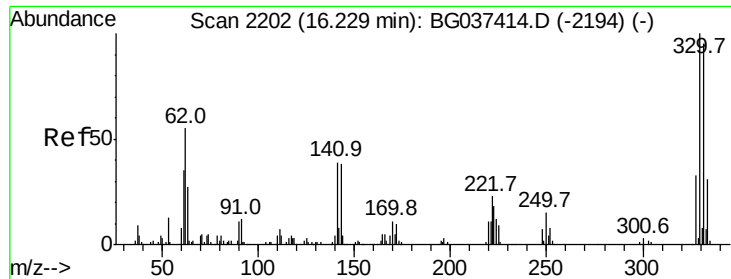
Tot Ion: 82 Resp: 457333
Ion Ratio Lower Upper
82 100
128 44.9 34.6 51.8
54 54.9 45.3 67.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG037509.D
Acq: 24 Oct 2018 13:32

Tgt Ion:164 Resp: 178651
Ion Ratio Lower Upper
164 100
162 105.5 81.3 121.9
160 46.6 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 100.477 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037509.D

Acq: 24 Oct 2018 13:32

Instrument :

BNA_G

ClientSampleId :

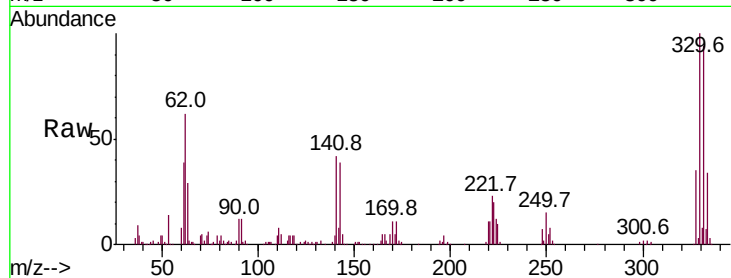
Tot Ion:330 Resp: 195783

Ion Ratio Lower Upper

330 100

332 94.1 78.4 117.6

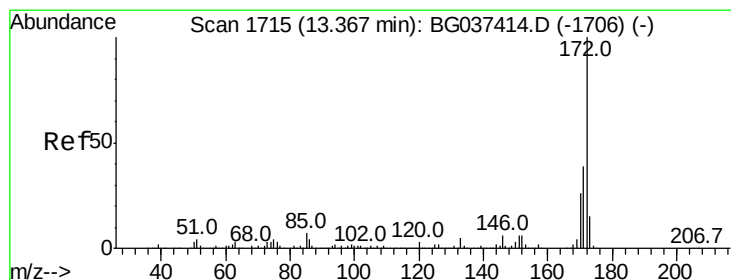
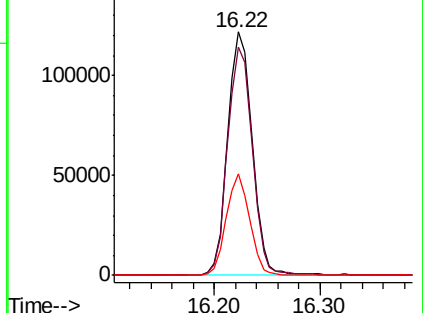
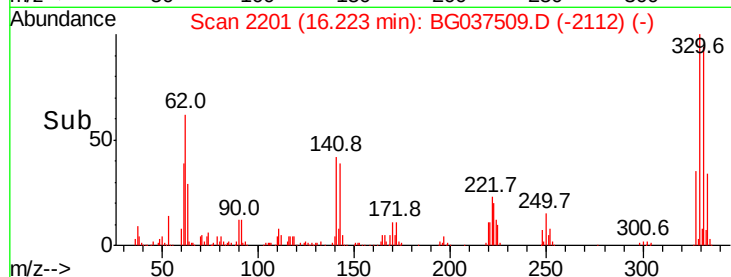
141 39.5 32.2 48.2



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: 95.761 ng

RT: 13.36 min Scan# 1714

Delta R.T. -0.01 min

Lab File: BG037509.D

Acq: 24 Oct 2018 13:32

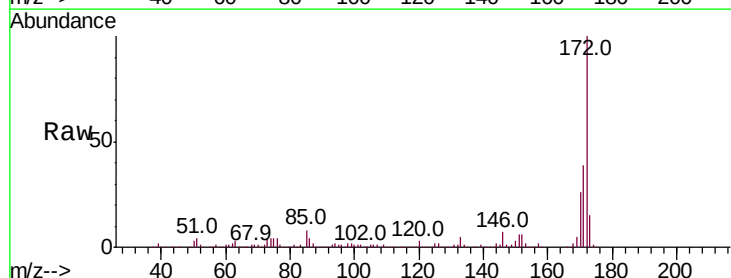
Tgt Ion:172 Resp: 1134513

Ion Ratio Lower Upper

172 100

171 38.5 31.0 46.4

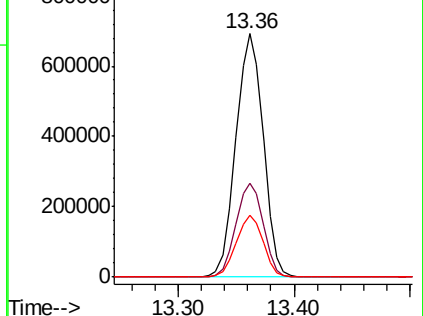
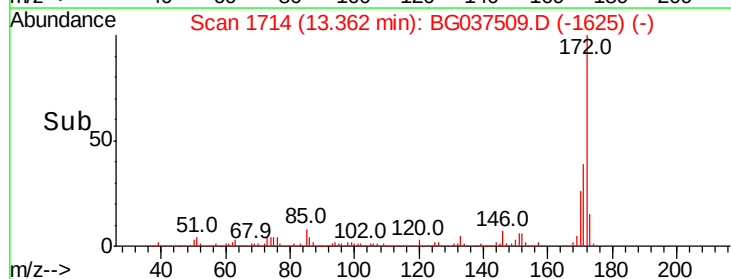
170 25.6 20.2 30.2

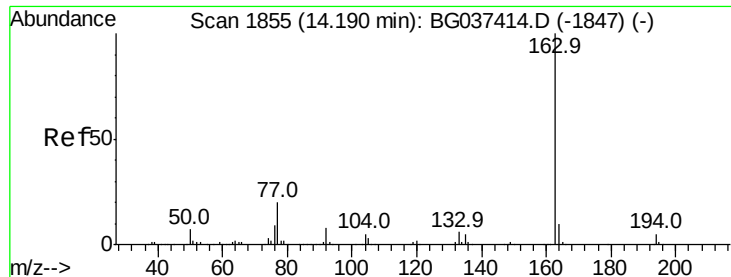


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 3.059 ng

RT: 14.18 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BG037509.D

Acq: 24 Oct 2018 13:32

Instrument :

BNA_G

ClientSampleId :

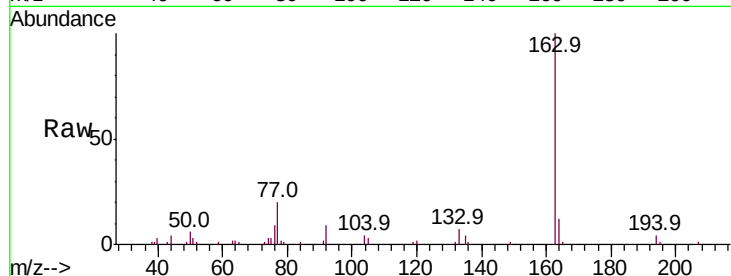
Tot Ion:163 Resp: 42272

Ion Ratio Lower Upper

163 100

194 4.0 3.5 5.3

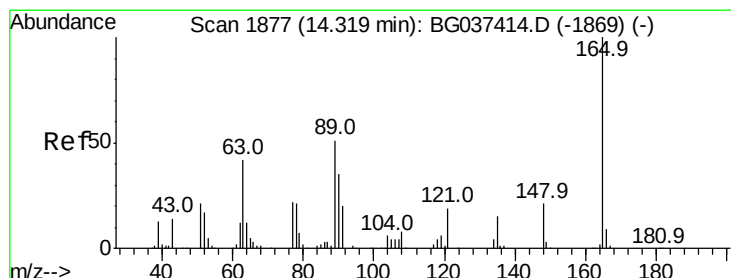
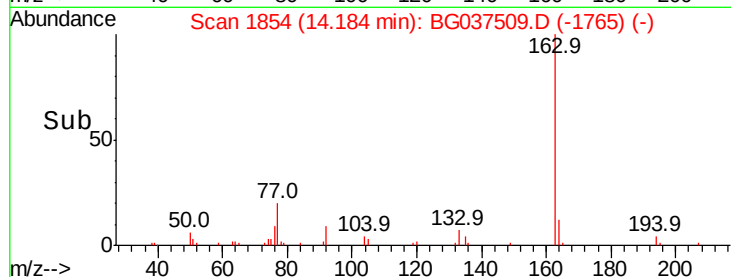
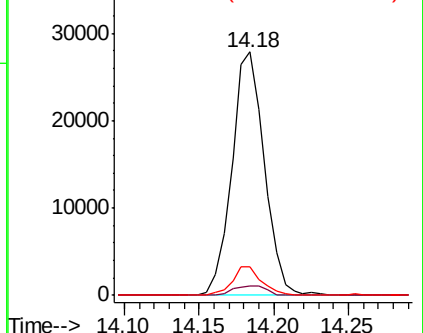
164 11.7 8.5 12.7



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



#51

2,6-Dinitrotoluene

Concen: 7.760 ng

RT: 14.74 min Scan# 1948

Delta R.T. 0.42 min

Lab File: BG037509.D

Acq: 24 Oct 2018 13:32

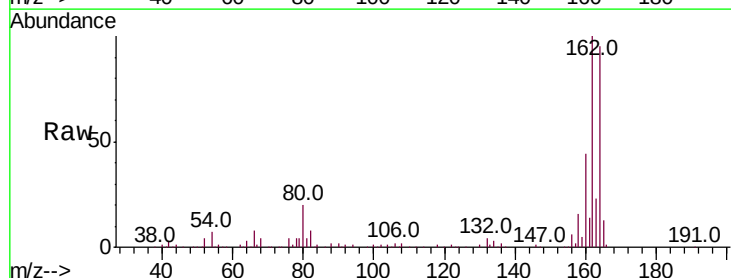
Tgt Ion:165 Resp: 23725

Ion Ratio Lower Upper

165 100

63 1.9 43.4 65.2#

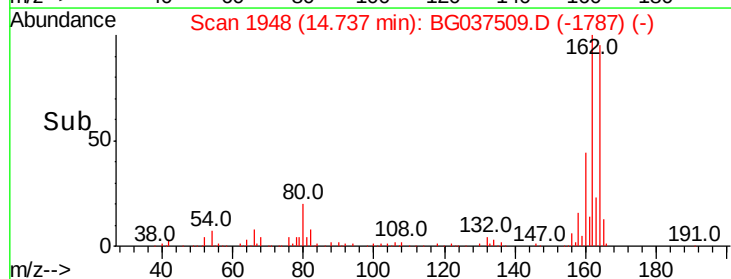
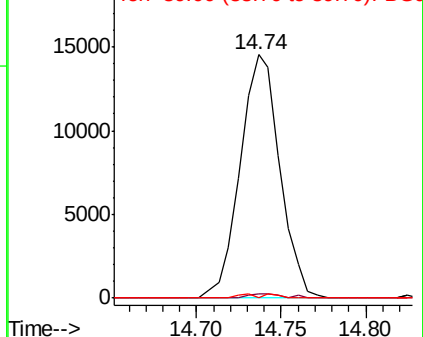
89 0.0 45.8 68.6#

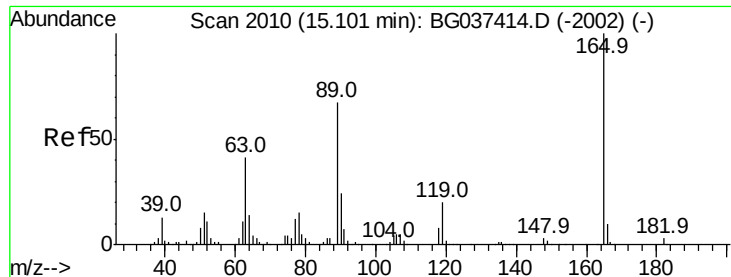


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

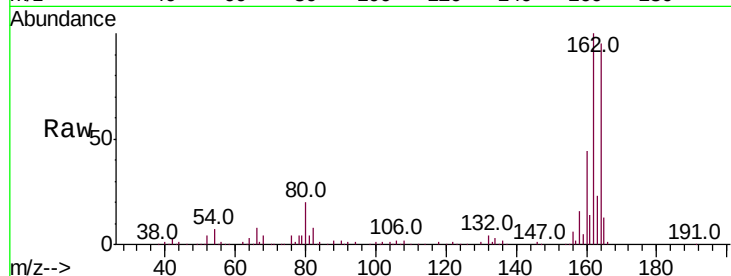




#57
 2,4-Dinitrotoluene
 Concen: 5.911 ng
 RT: 14.74 min Scan# 1948
 Delta R.T. -0.36 min
 Lab File: BG037509.D
 Acq: 24 Oct 2018 13:32

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.9	33.4	50.0#
89	0.0	57.2	85.8#
182	0.0	2.6	4.0#

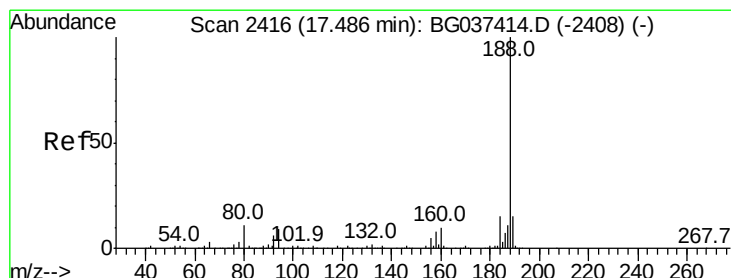
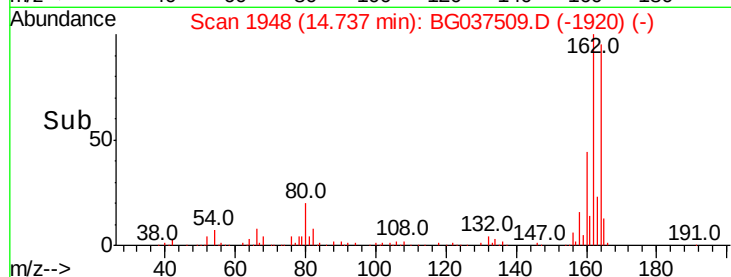
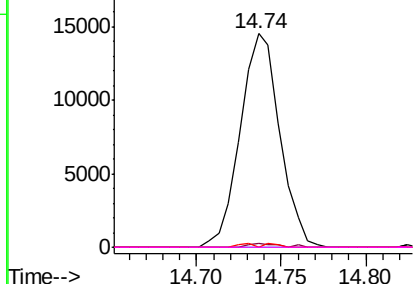


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

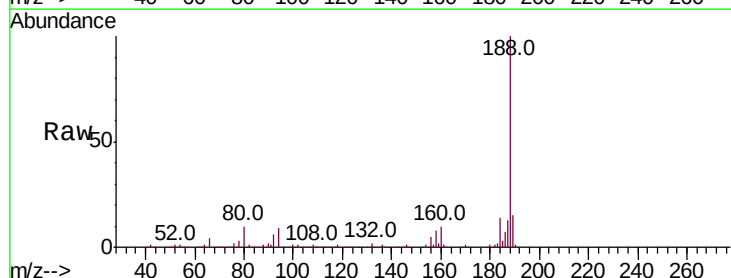
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.49 min Scan# 2416
 Delta R.T. 0.00 min
 Lab File: BG037509.D
 Acq: 24 Oct 2018 13:32

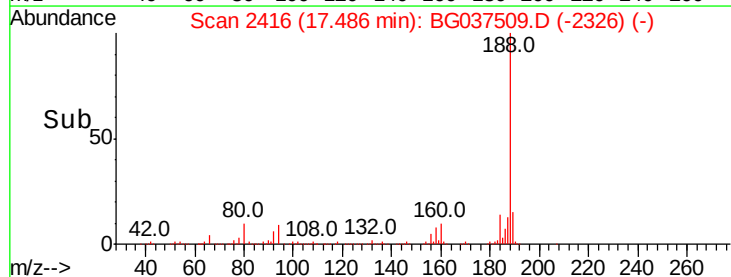
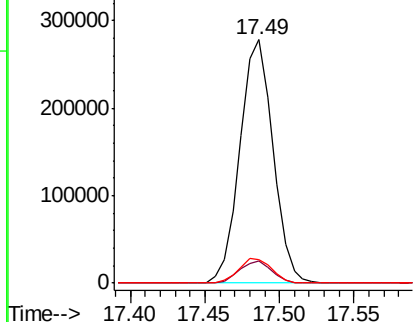
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.2	10.8
80	9.9	7.7	11.5

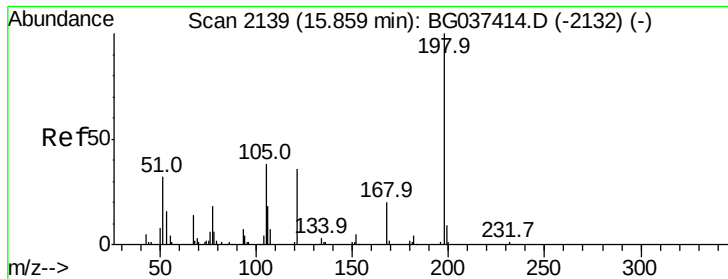


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

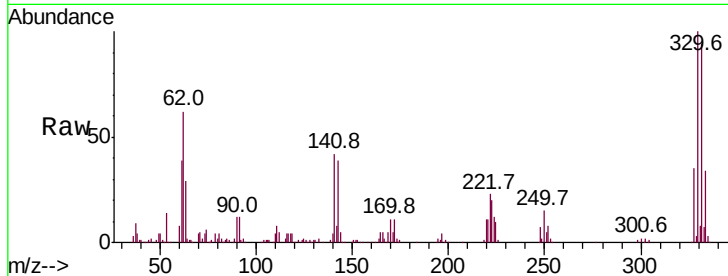




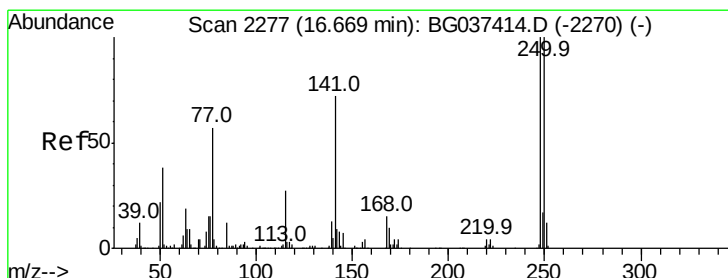
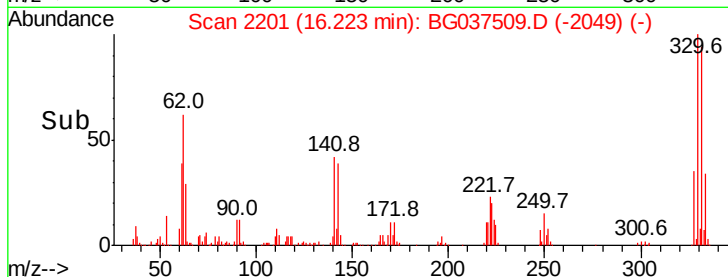
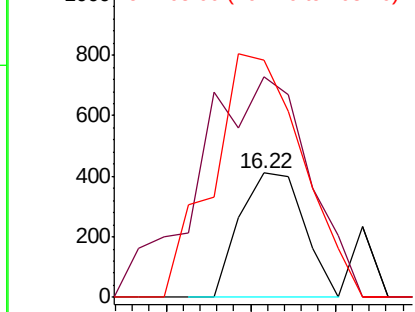
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.667 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. 0.37 min
 Lab File: BG037509.D
 Acq: 24 Oct 2018 13:32

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 435
 Ion Ratio Lower Upper
 198 100
 51 37.1 22.7 62.7
 105 39.9 19.7 59.7

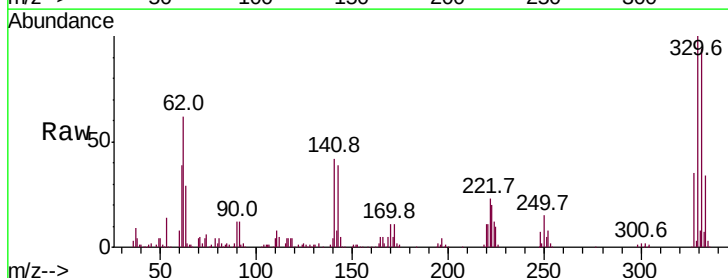


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG0
 Ion 105.00 (104.70 to 105.70): E

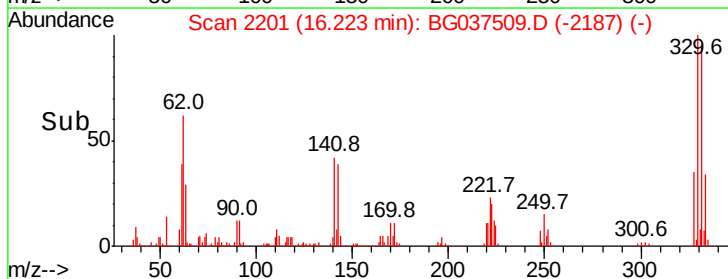
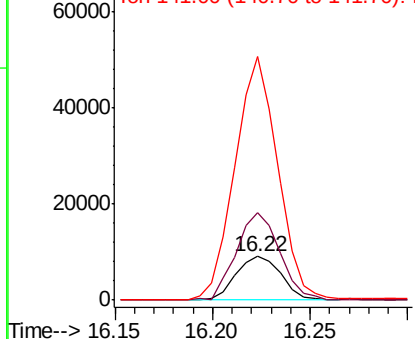


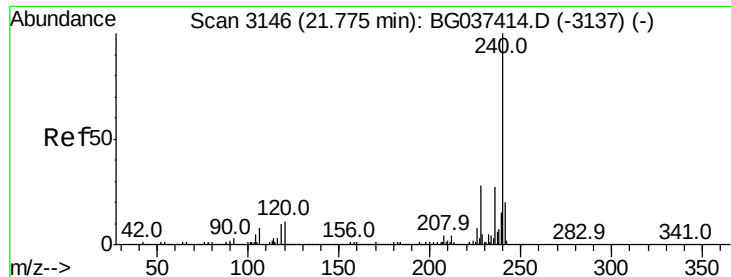
#67
 4-Bromophenyl-phenylether
 Concen: 3.104 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.45 min
 Lab File: BG037509.D
 Acq: 24 Oct 2018 13:32

Tgt Ion:248 Resp: 14579
 Ion Ratio Lower Upper
 248 100
 250 205.7 77.0 115.6#
 141 433.7 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: BG037509.D

Acq: 24 Oct 2018 13:32

Instrument :

BNA_G

ClientSampled :

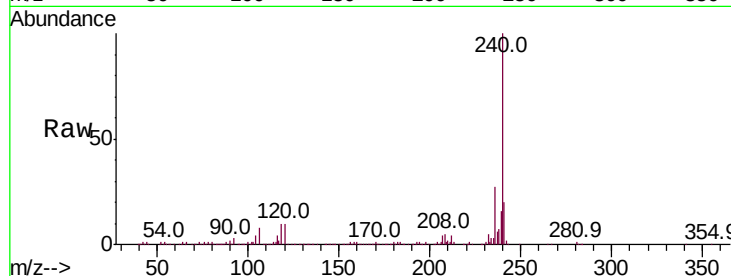
Tot Ion:240 Resp: 391414

Ion Ratio Lower Upper

240 100

120 10.5 8.1 12.1

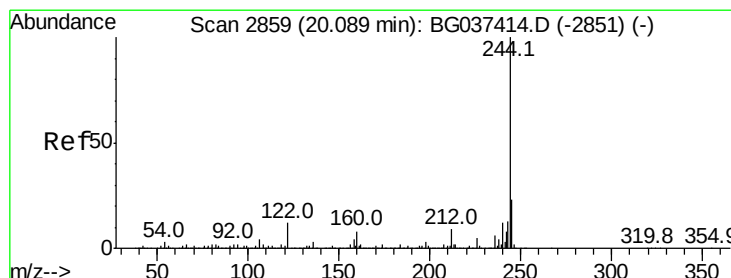
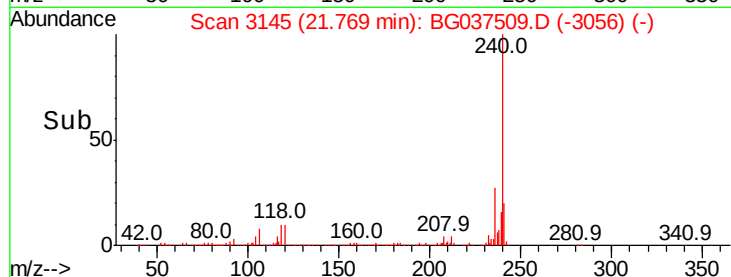
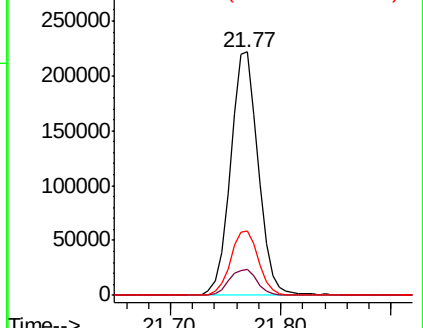
236 26.7 21.4 32.0



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: 80.966 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037509.D

Acq: 24 Oct 2018 13:32

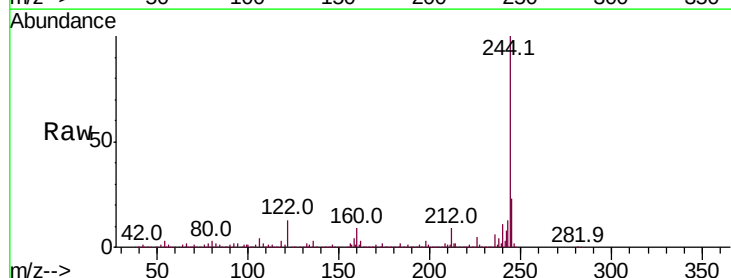
Tgt Ion:244 Resp: 1483138

Ion Ratio Lower Upper

244 100

212 8.9 6.5 9.7

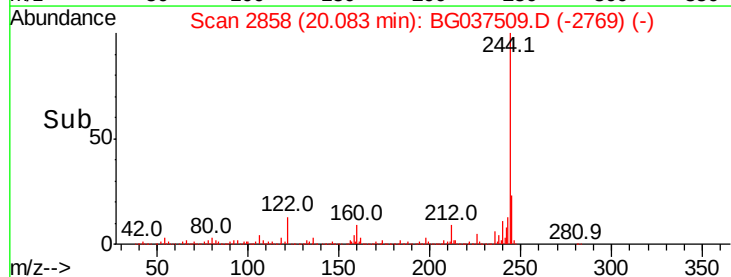
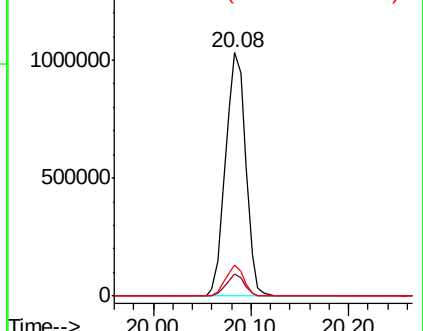
122 12.5 9.0 13.4

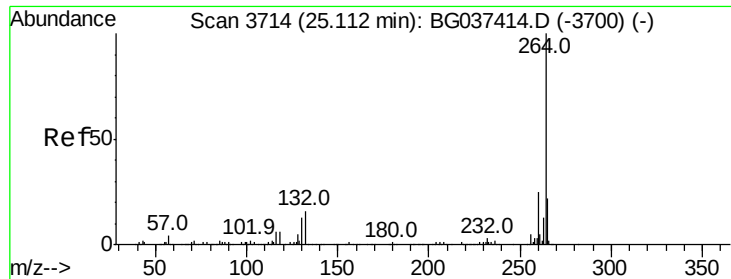


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.10 min Scan# 3712
Delta R.T. -0.01 min
Lab File: BG037509.D
Acq: 24 Oct 2018 13:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	18.2	27.4
265	22.2	17.9	26.9

