

Data File : BG037786.D
Acq On : 3 Nov 2018 11:42
Operator : JU/SJ
Sample : J5755-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-1-S

Quant Time: Nov 05 03:54:52 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	65030	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	288670	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	190875	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	421004	20.00	ng	0.00
76) Chrysene-d12	21.77	240	375171	20.00	ng	0.00
87) Perylene-d12	25.10	264	298418	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	433644	111.49	ng	0.00
7) Phenol-d6	7.24	99	563789	95.85	ng	0.00
23) Nitrobenzene-d5	9.27	82	426834	82.83	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	209204	100.49	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	1047041	82.72	ng	-0.02
79) Terphenyl-d14	20.08	244	1459791	83.14	ng	0.00

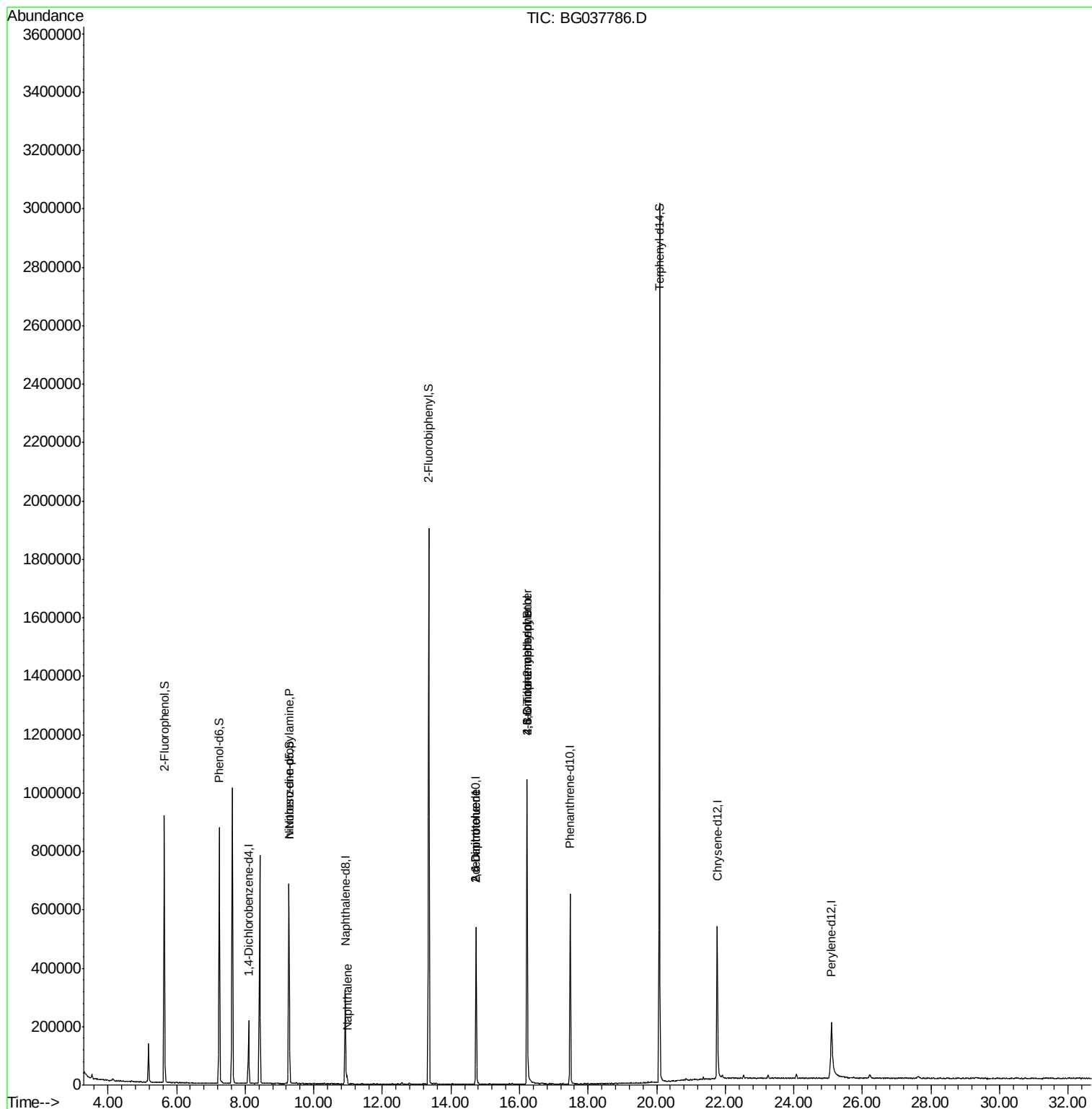
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	9.27	70	53452	13.197	ng	# 74
31) Naphthalene	10.97	128	28371	2.001	ng	# 99
51) 2,6-Dinitrotoluene	14.73	165	24573	7.522	ng	# 26
57) 2,4-Dinitrotoluene	14.73	165	24573	5.731	ng	# 26
65) 4,6-Dinitro-2-methylphenol	16.21	198	407	8.659	ng	# 85
67) 4-Bromophenyl-phenylether	16.22	248	15088	3.263	ng	# 1

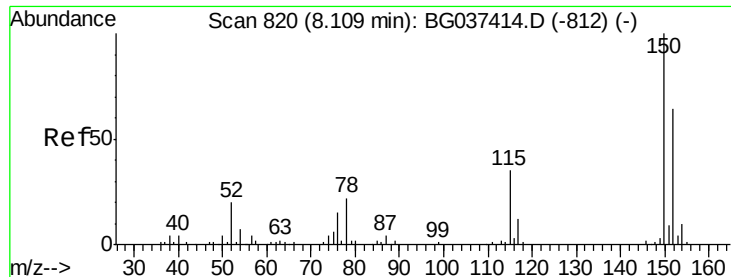
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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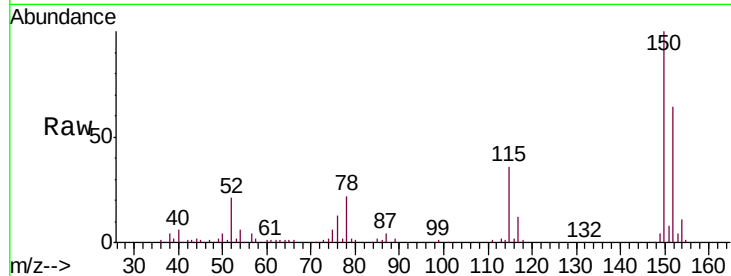


#1

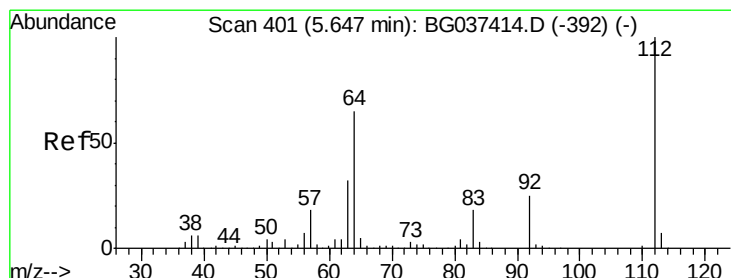
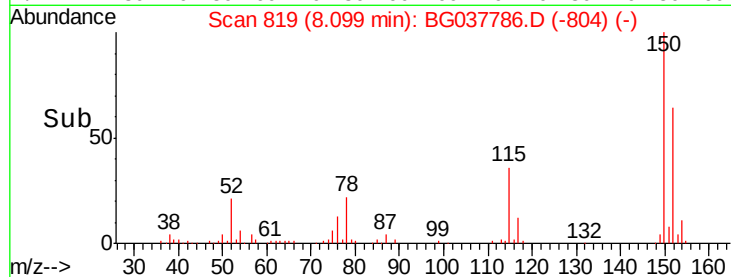
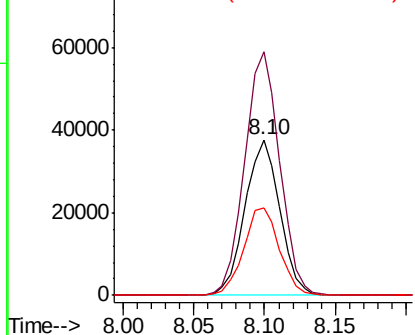
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037786.D
Acq: 3 Nov 2018 11:42

Instrument :
BNA_G
ClientSampleId :
TP-1-S

Tgt Ion:152 Resp: 65030
Ion Ratio Lower Upper
152 100
150 156.7 126.0 189.0
115 56.3 45.5 68.3



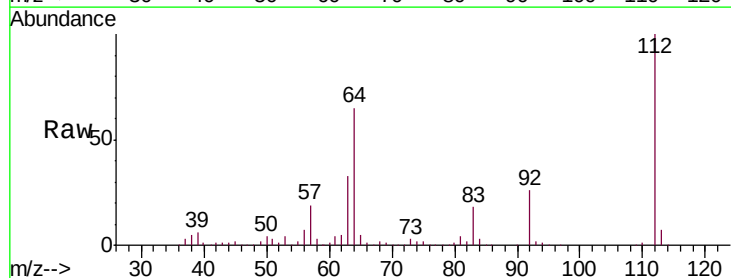
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



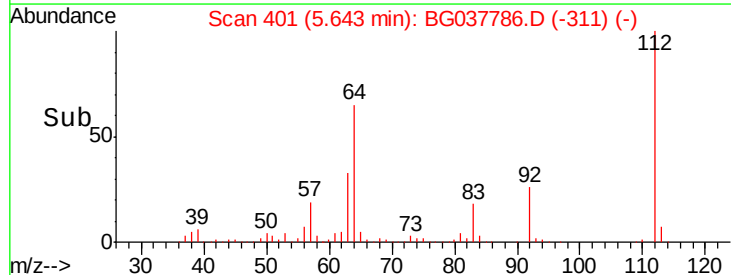
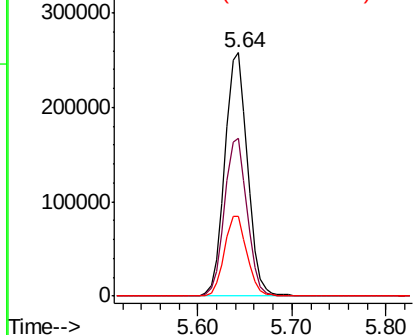
#5

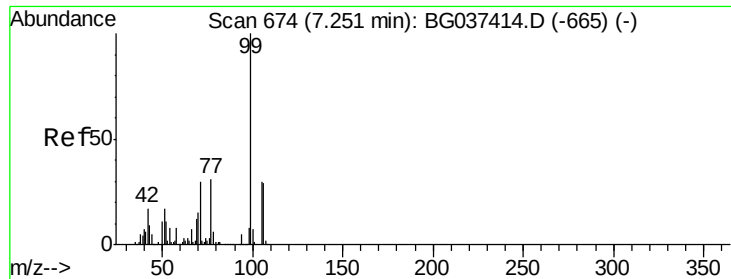
2-Fluorophenol
Concen: 111.485 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037786.D
Acq: 3 Nov 2018 11:42

Tgt Ion:112 Resp: 433644
Ion Ratio Lower Upper
112 100
64 64.6 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: 95.855 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037786.D

Acq: 3 Nov 2018 11:42

Instrument :

BNA_G

ClientSampleId :

TP-1-S

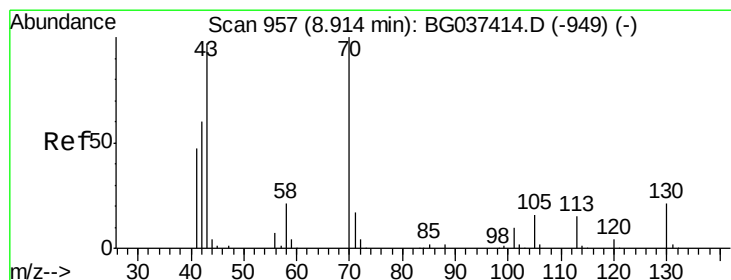
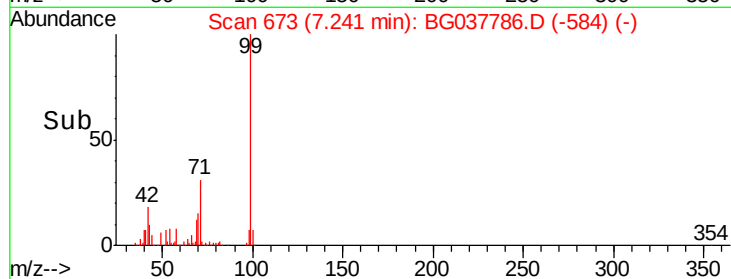
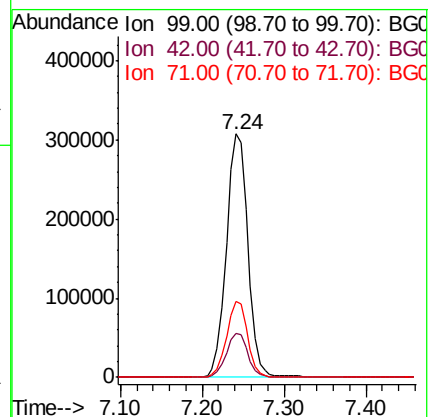
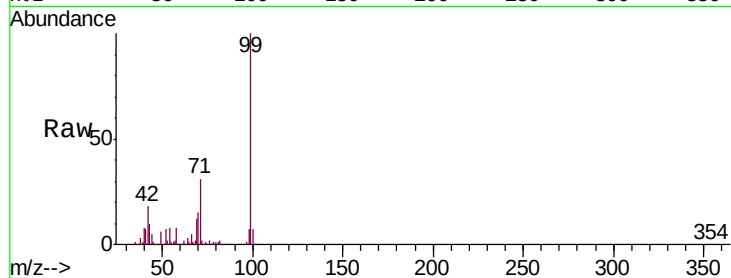
Tgt Ion: 99 Resp: 563789

Ion Ratio Lower Upper

99 100

42 18.3 15.0 22.4

71 31.1 25.5 38.3



#19

n-Nitroso-di-n-propylamine

Concen: 13.197 ng

RT: 9.27 min Scan# 1019

Delta R.T. 0.36 min

Lab File: BG037786.D

Acq: 3 Nov 2018 11:42

Tgt Ion: 70 Resp: 53452

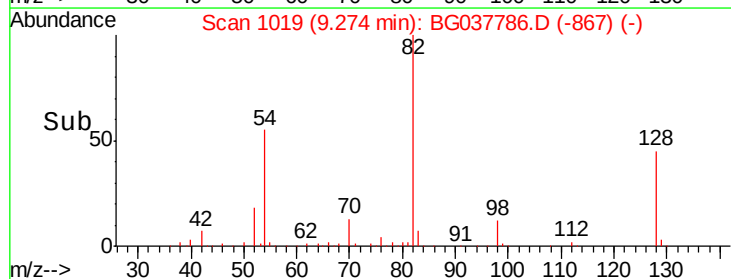
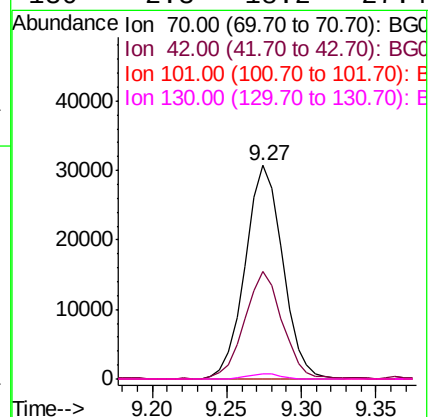
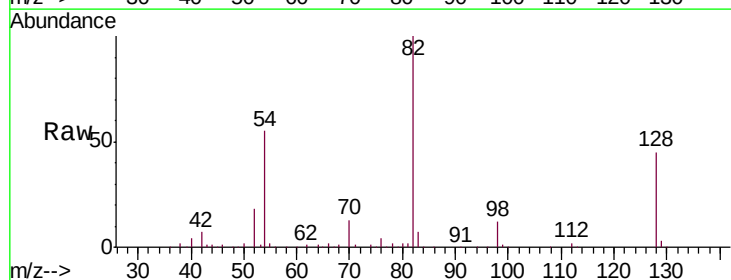
Ion Ratio Lower Upper

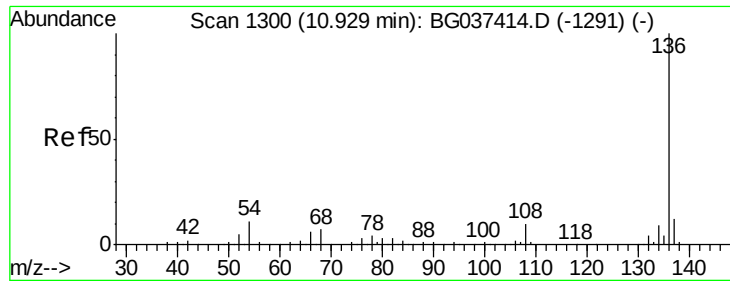
70 100

42 50.5 53.9 80.9#

101 0.0 8.2 12.2#

130 2.3 18.2 27.4#

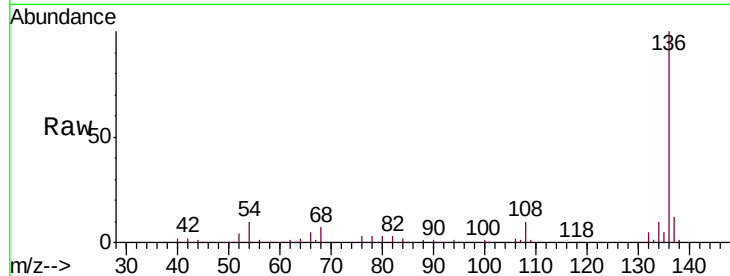




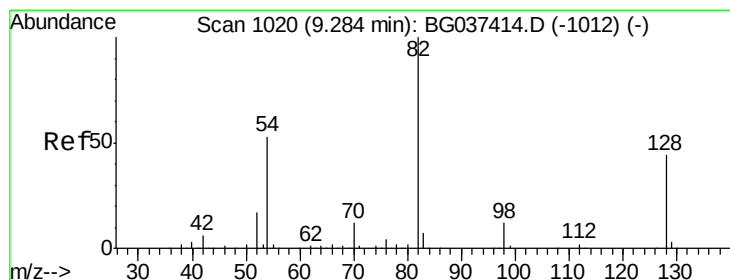
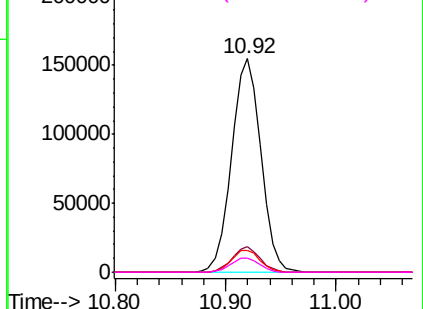
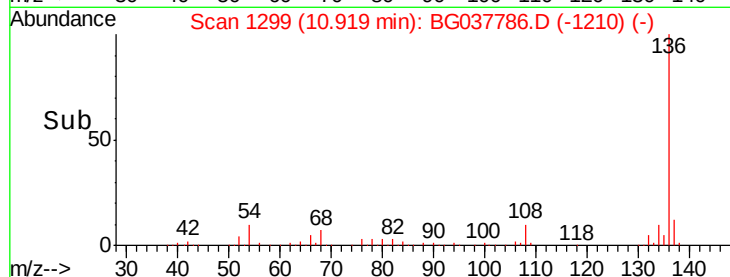
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037786.D
Acq: 3 Nov 2018 11:42

Instrument :
BNA_G
ClientSampleId :
TP-1-S

Tgt Ion:	136	Resp:	288670
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.6	14.4
54	10.5	7.9	11.9
68	6.6	4.8	7.2

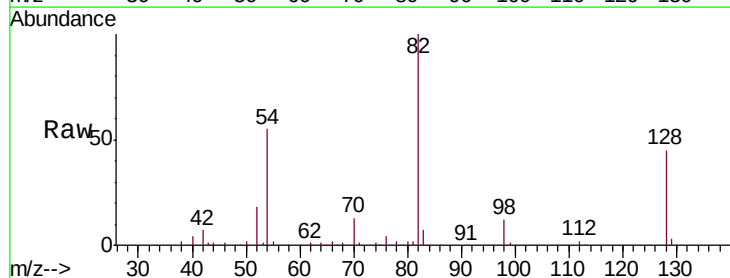


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

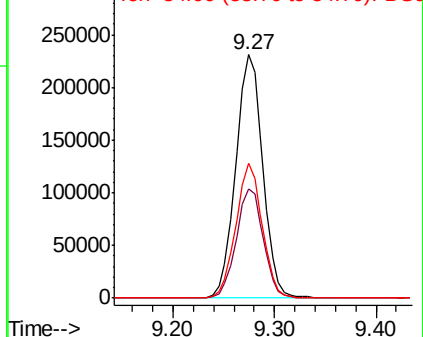
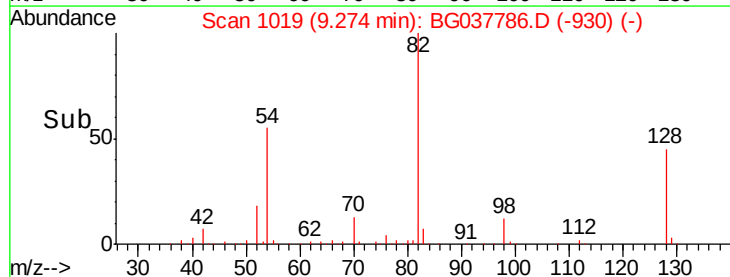


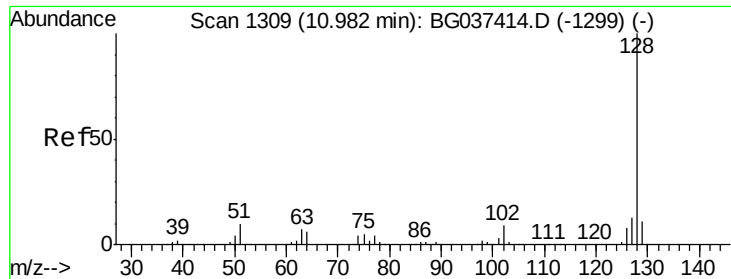
#23
Nitrobenzene-d5
Concen: 82.831 ng
RT: 9.27 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037786.D
Acq: 3 Nov 2018 11:42

Tgt Ion:	82	Resp:	426834
Ion	Ratio	Lower	Upper
82	100		
128	44.9	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): E
Ion 54.00 (53.70 to 54.70): BGC

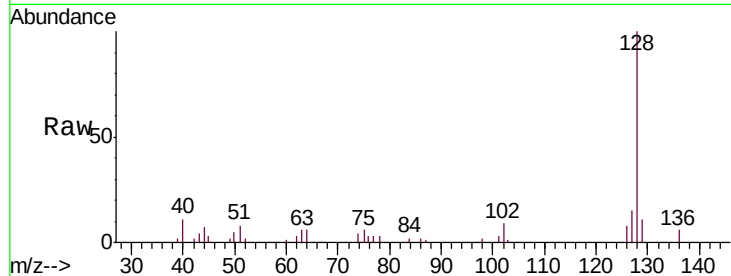




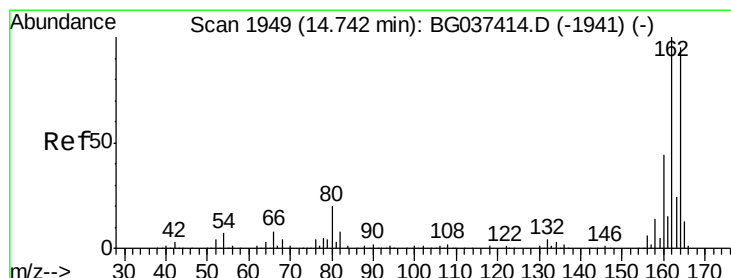
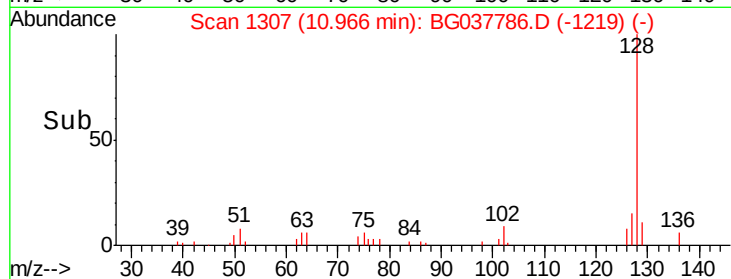
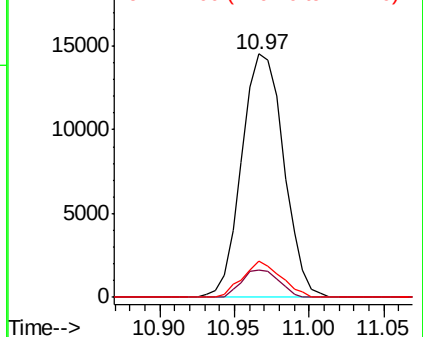
#31
Naphthalene
Concen: 2.001 ng
RT: 10.97 min Scan# 1307
Delta R.T. -0.02 min
Lab File: BG037786.D
Acq: 3 Nov 2018 11:42

Instrument :
BNA_G
ClientSampleId :
TP-1-S

Tgt Ion:128 Resp: 28371
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 14.6 11.1 16.7

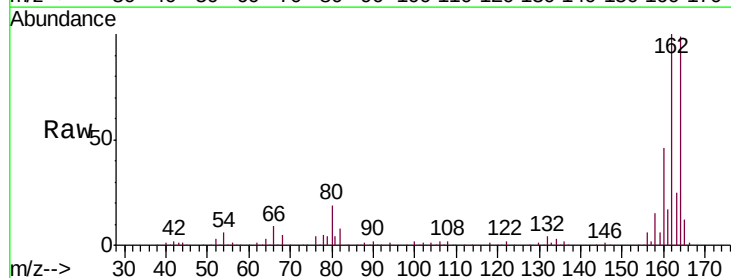


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

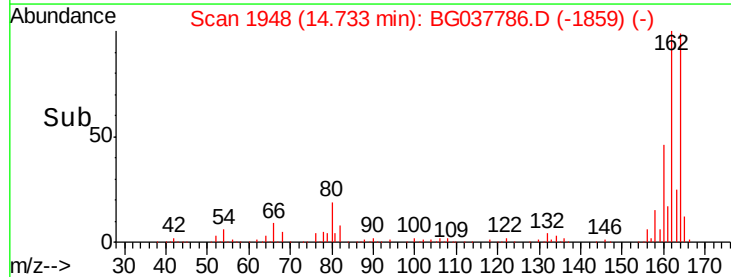
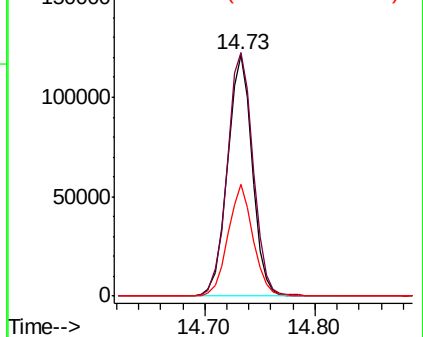


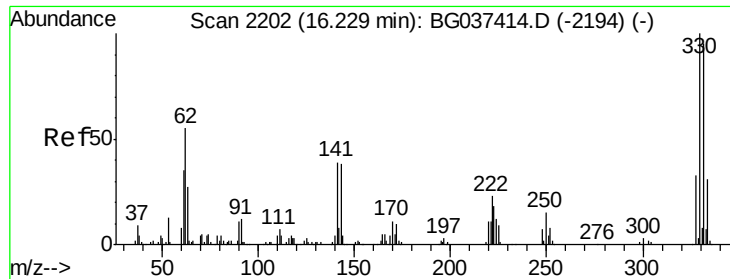
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG037786.D
Acq: 3 Nov 2018 11:42

Tgt Ion:164 Resp: 190875
Ion Ratio Lower Upper
164 100
162 100.9 81.3 121.9
160 46.4 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: 100.489 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037786.D

Acq: 3 Nov 2018 11:42

Instrument :

BNA_G

ClientSampleId :

TP-1-S

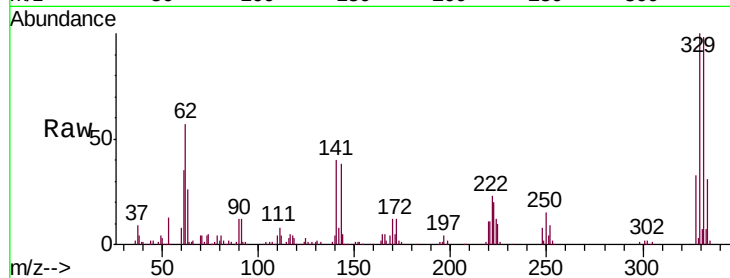
Tgt Ion:330 Resp: 209204

Ion Ratio Lower Upper

330 100

332 97.8 78.4 117.6

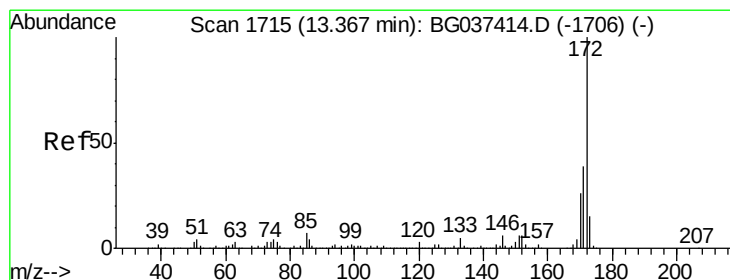
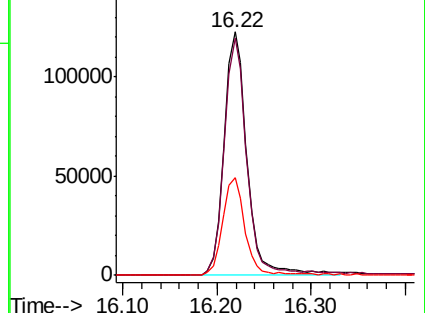
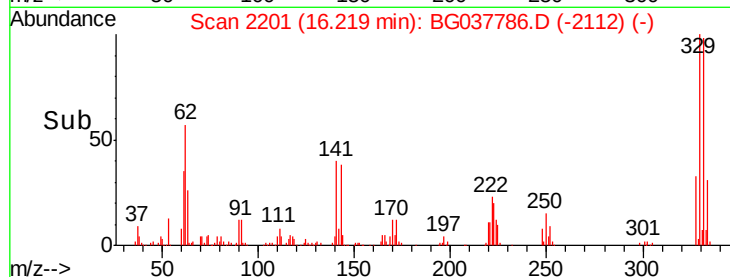
141 38.7 32.2 48.2



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: 82.718 ng

RT: 13.35 min Scan# 1713

Delta R.T. -0.02 min

Lab File: BG037786.D

Acq: 3 Nov 2018 11:42

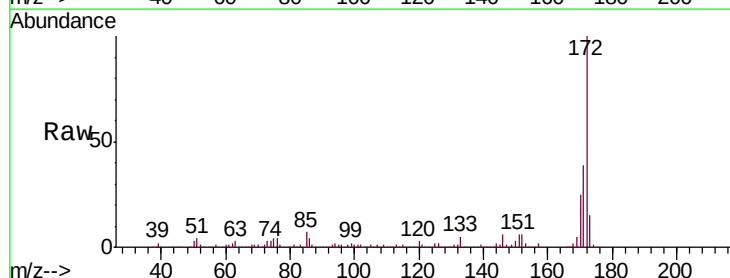
Tgt Ion:172 Resp: 1047041

Ion Ratio Lower Upper

172 100

171 39.0 31.0 46.4

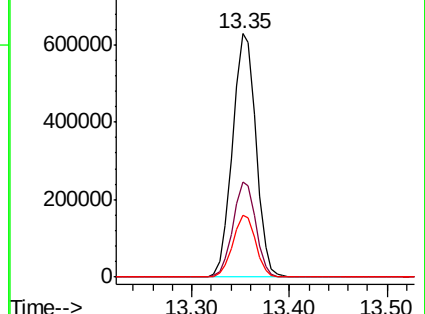
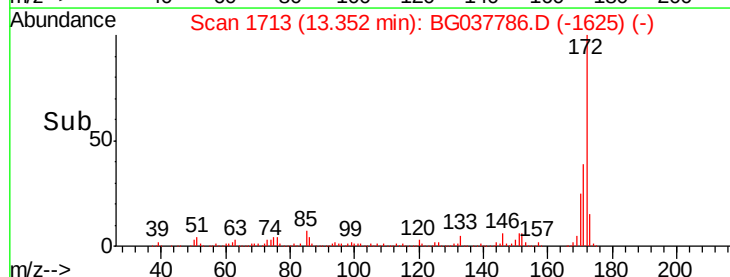
170 25.3 20.2 30.2

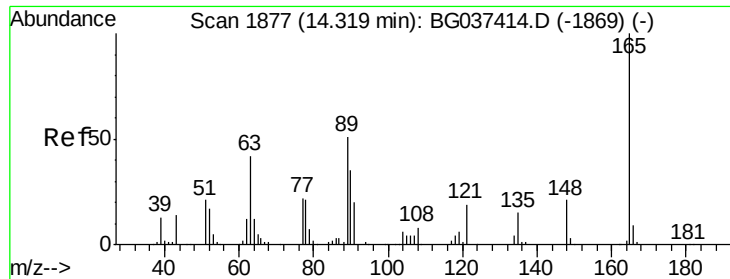


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

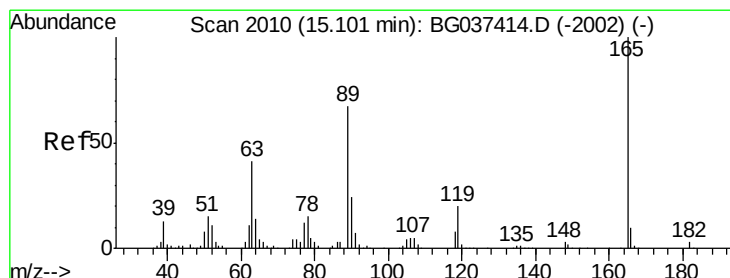
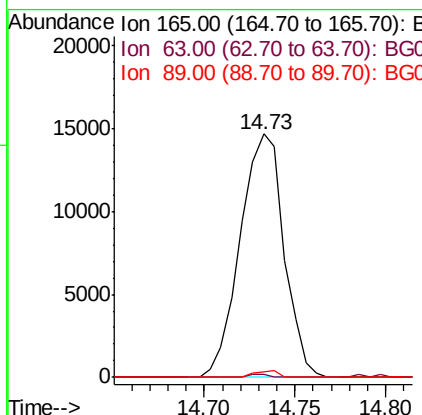
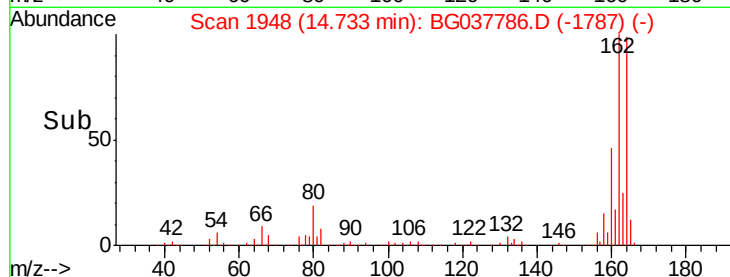
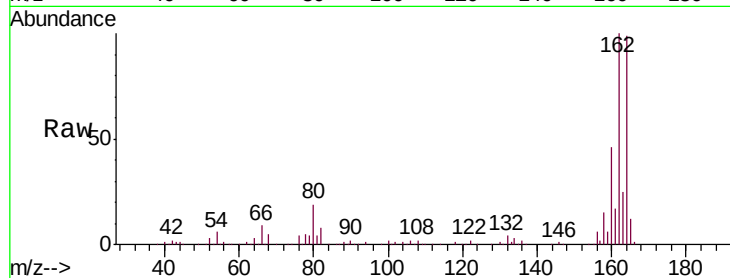




#51
 2,6-Dinitrotoluene
 Concen: 7.522 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. 0.41 min
 Lab File: BG037786.D
 Acq: 3 Nov 2018 11:42

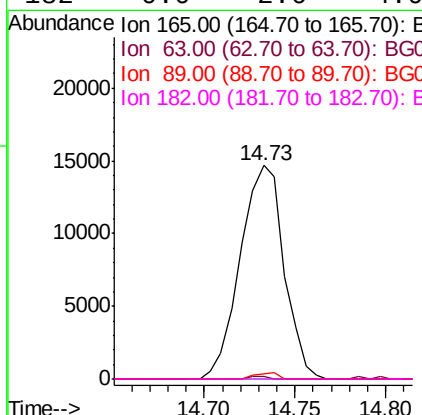
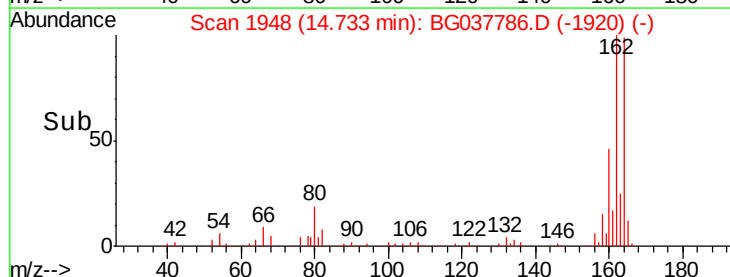
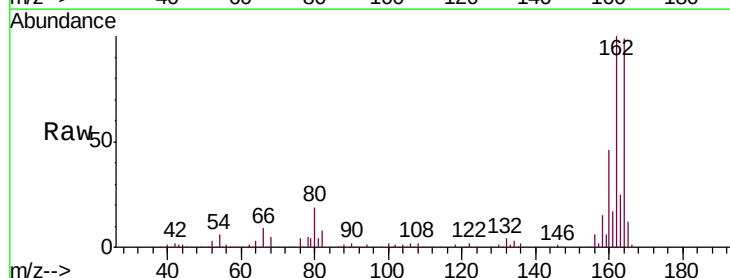
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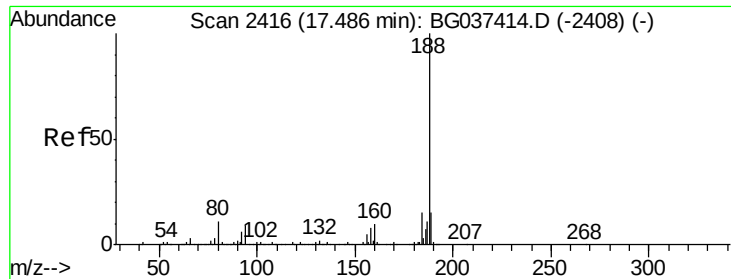
Tgt Ion:165 Resp: 24573
 Ion Ratio Lower Upper
 165 100
 63 1.2 43.4 65.2#
 89 2.3 45.8 68.6#



#57
 2,4-Dinitrotoluene
 Concen: 5.731 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.37 min
 Lab File: BG037786.D
 Acq: 3 Nov 2018 11:42

Tgt Ion:165 Resp: 24573
 Ion Ratio Lower Upper
 165 100
 63 1.2 33.4 50.0#
 89 2.3 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: BG037786.D

Acq: 3 Nov 2018 11:42

Instrument :

BNA_G

ClientSampleId :

TP-1-S

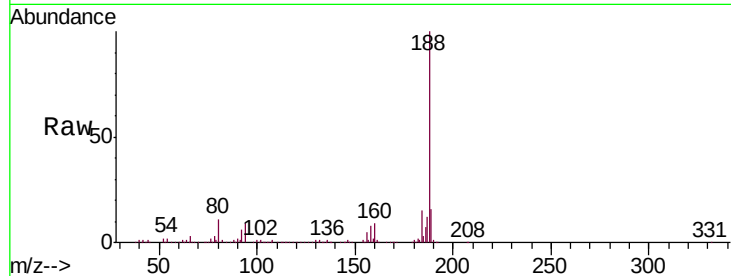
Tgt Ion:188 Resp: 421004

Ion Ratio Lower Upper

188 100

94 9.1 7.2 10.8

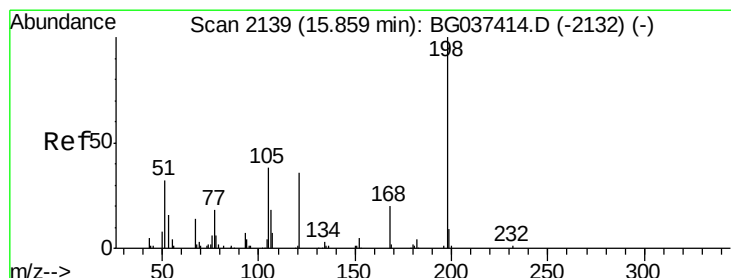
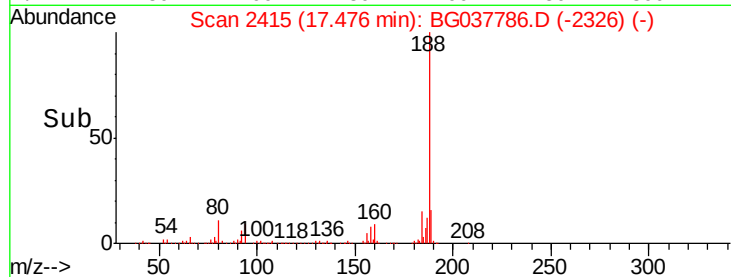
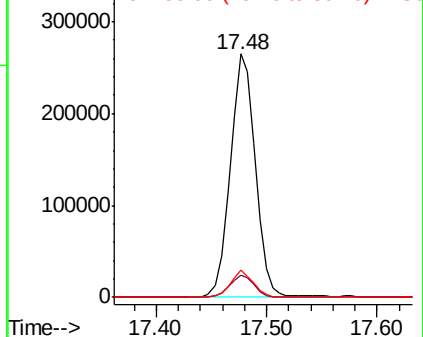
80 11.2 7.7 11.5



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: 8.659 ng

RT: 16.21 min Scan# 2200

Delta R.T. 0.36 min

Lab File: BG037786.D

Acq: 3 Nov 2018 11:42

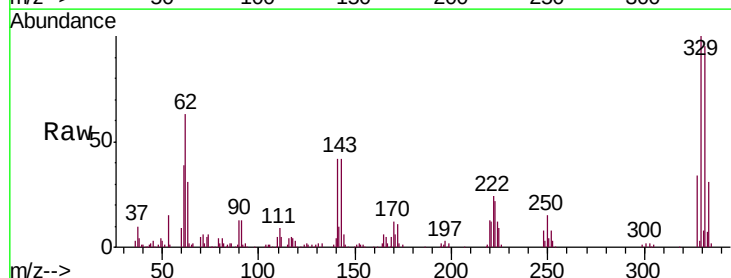
Tgt Ion:198 Resp: 407

Ion Ratio Lower Upper

198 100

51 30.4 22.7 62.7

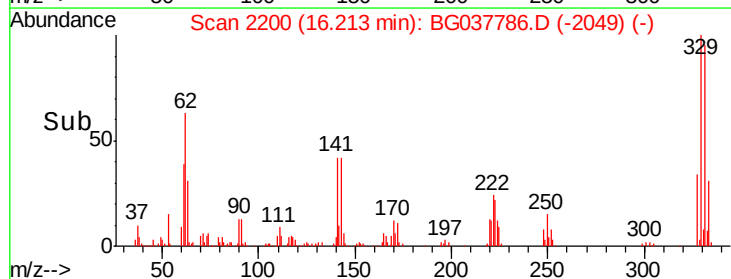
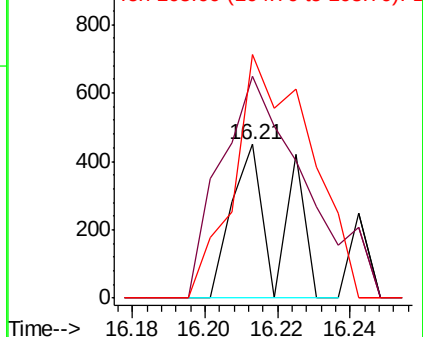
105 33.3 19.7 59.7

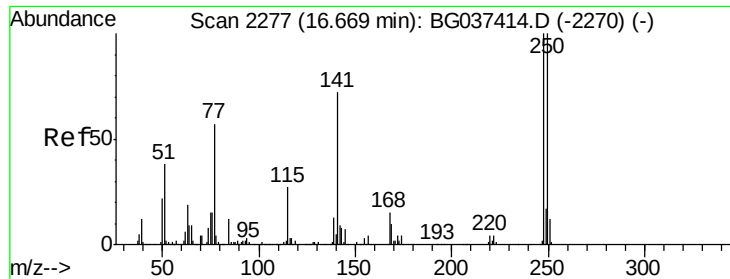


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#67

4-Bromophenyl-phenylether

Concen: 3.263 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.45 min

Lab File: BG037786.D

Acq: 3 Nov 2018 11:42

Instrument :

BNA_G

ClientSampleId :

TP-1-S

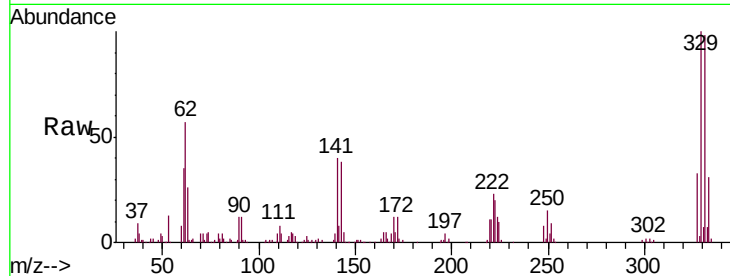
Tgt Ion:248 Resp: 15088

Ion Ratio Lower Upper

248 100

250 188.0 77.0 115.6#

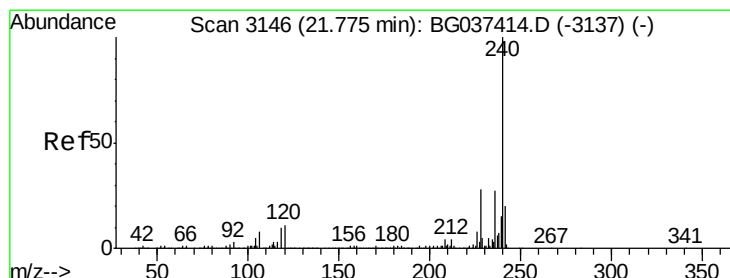
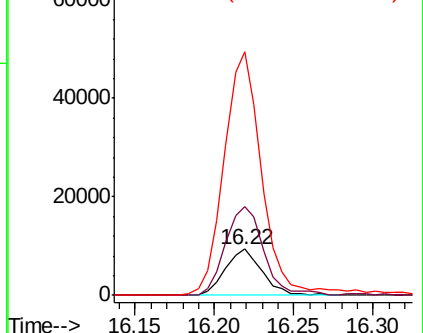
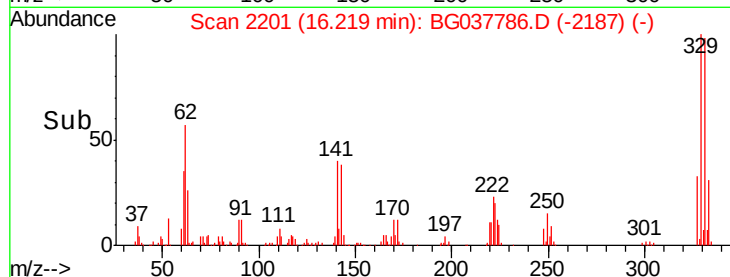
141 414.3 55.5 83.3#



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: BG037786.D

Acq: 3 Nov 2018 11:42

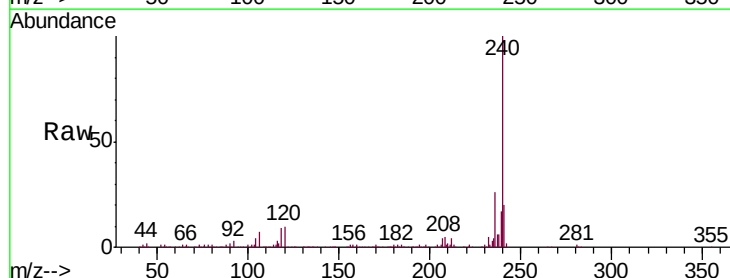
Tgt Ion:240 Resp: 375171

Ion Ratio Lower Upper

240 100

120 9.9 8.1 12.1

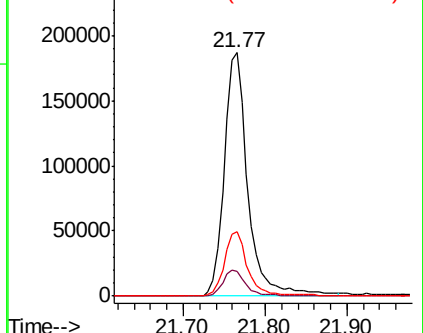
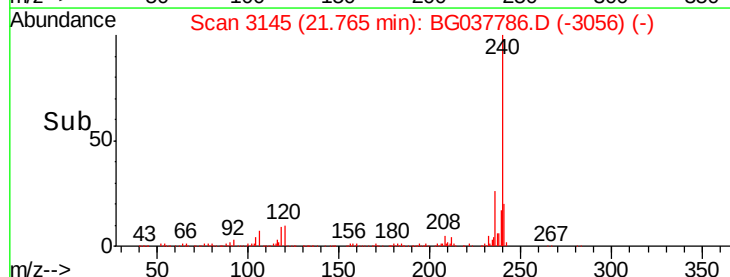
236 26.3 21.4 32.0

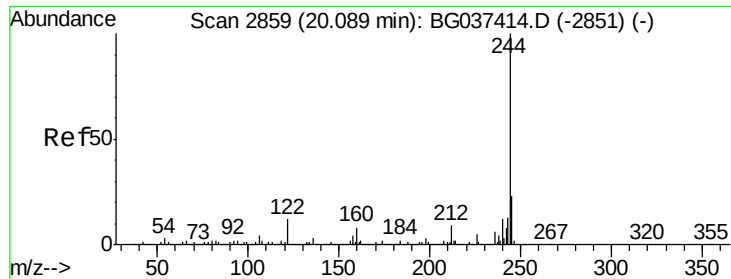


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 83.142 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037786.D

Acq: 3 Nov 2018 11:42

Instrument :

BNA_G

ClientSampled :

TP-1-S

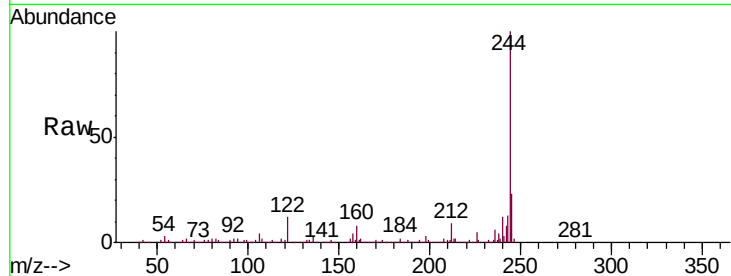
Tgt Ion:244 Resp: 1459791

Ion Ratio Lower Upper

244 100

212 8.6 6.5 9.7

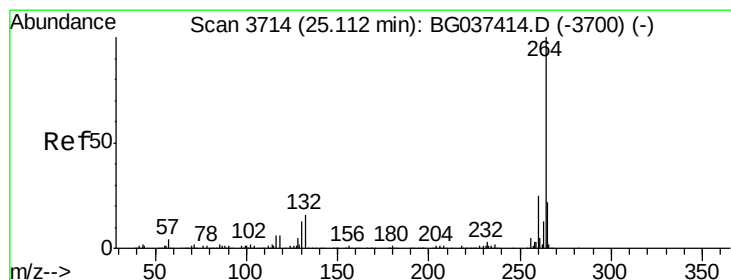
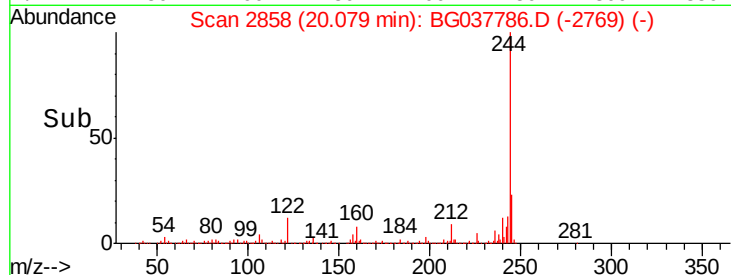
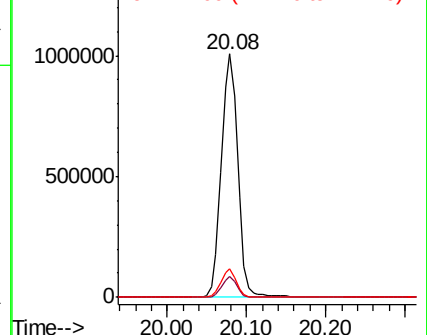
122 11.6 9.0 13.4



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: BG037786.D

Acq: 3 Nov 2018 11:42

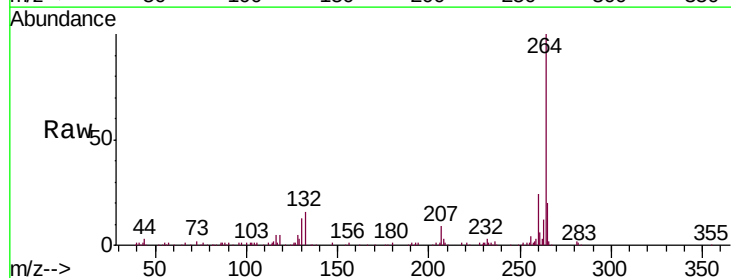
Tgt Ion:264 Resp: 298418

Ion Ratio Lower Upper

264 100

260 23.9 18.2 27.4

265 20.0 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

