

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110218\
 Data File : BG037776.D
 Acq On : 3 Nov 2018 5:10
 Operator : JU/SJ
 Sample : J5759-16
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-4

Quant Time: Nov 03 06:52:14 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

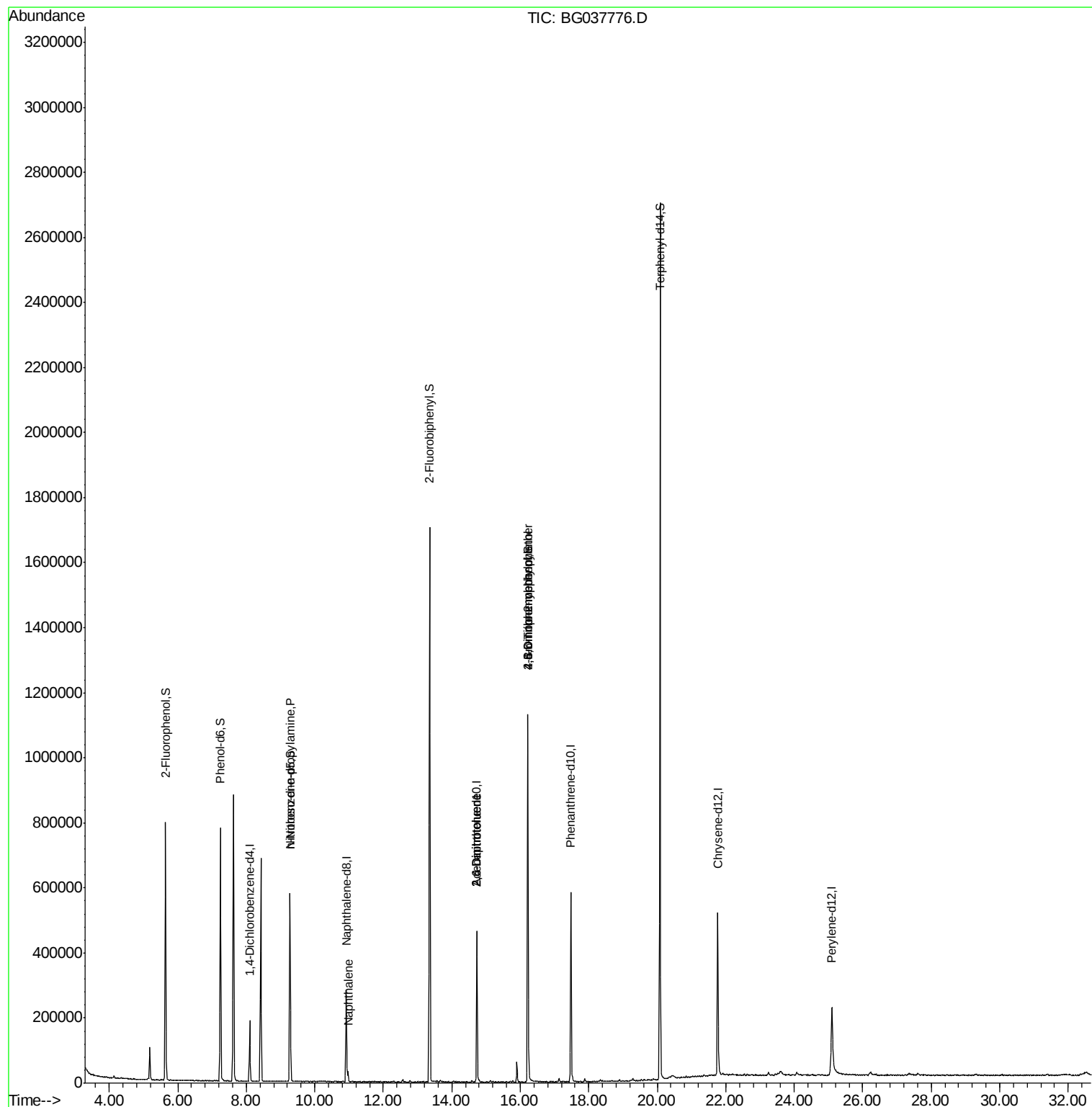
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	57658	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	253559	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	168436	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	375712	20.00	ng	0.00
76) Chrysene-d12	21.77	240	341964	20.00	ng	0.00
87) Perylene-d12	25.10	264	298573	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	373874	108.41	ng	0.00
7) Phenol-d6	7.24	99	497363	95.37	ng	0.00
23) Nitrobenzene-d5	9.27	82	375327	82.92	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	226166	123.11	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	928114	83.09	ng	-0.02
79) Terphenyl-d14	20.08	244	1339014	83.67	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.27	70	46818	13.037	ng	# 72
31) Naphthalene	10.97	128	28319	2.274	ng	# 97
51) 2,6-Dinitrotoluene	14.73	165	21407	7.426	ng	# 24
57) 2,4-Dinitrotoluene	14.73	165	21407	5.657	ng	# 24
65) 4,6-Dinitro-2-methylphenol	16.22	198	649	8.778	ng	# 77
67) 4-Bromophenyl-phenylether	16.22	248	16093	3.900	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110218\
Data File : BG037776.D
Acq On : 3 Nov 2018 5:10
Operator : JU/SJ
Sample : J5759-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-4

Quant Time: Nov 03 06:52:14 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



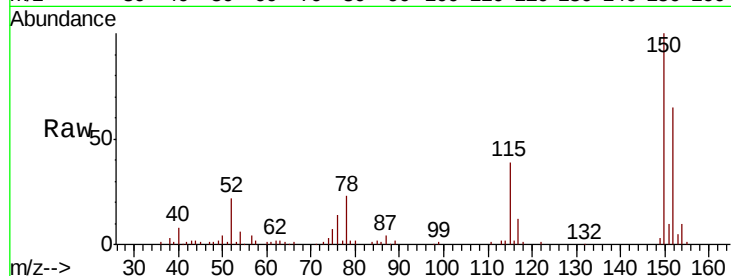


#1

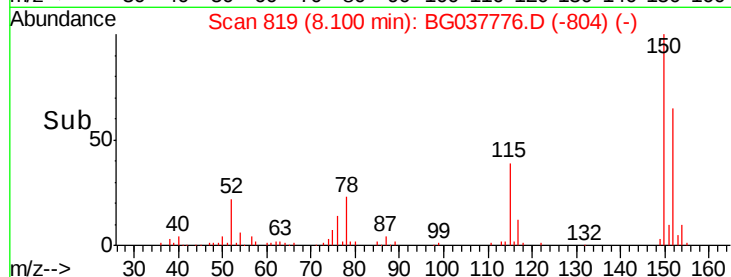
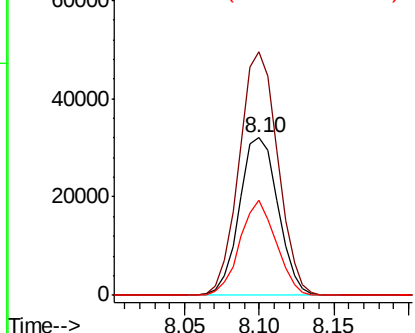
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037776.D
Acq: 3 Nov 2018 5:10

Instrument :
BNA_G
ClientSampleId :
TP-4

Tot Ion:152 Resp: 57658
Ion Ratio Lower Upper
152 100
150 154.5 126.0 189.0
115 60.0 45.5 68.3



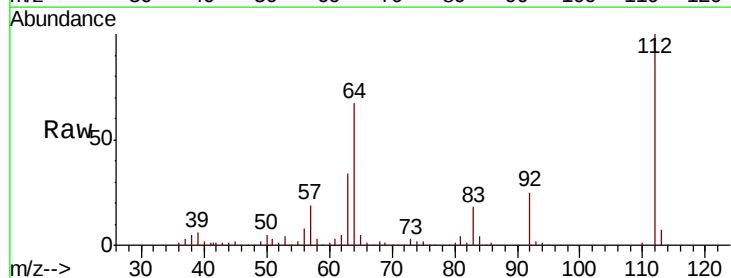
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



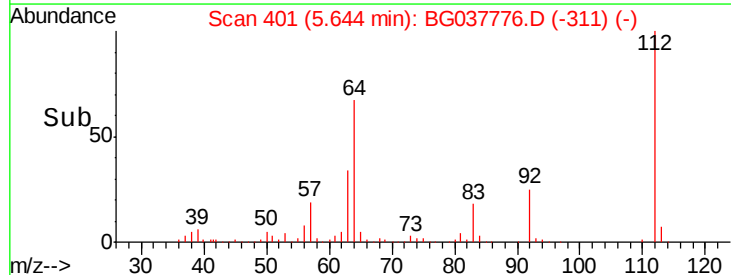
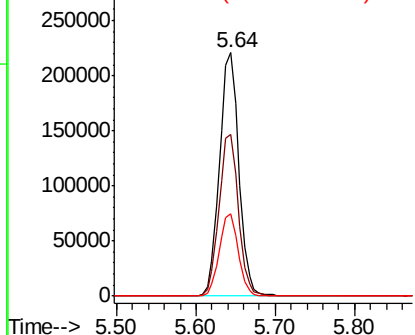
#5

2-Fluorophenol
Concen: 108.409 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037776.D
Acq: 3 Nov 2018 5:10

Tgt Ion:112 Resp: 373874
Ion Ratio Lower Upper
112 100
64 66.6 53.1 79.7
63 33.7 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: 95.373 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037776.D

Acq: 3 Nov 2018 5:10

Instrument :

BNA_G

ClientSampled :

TP-4

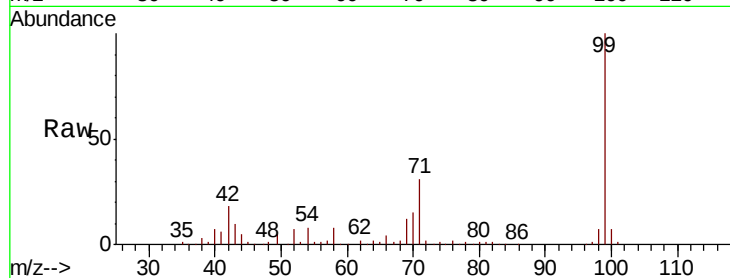
Tot Ion: 99 Resp: 497363

Ion Ratio Lower Upper

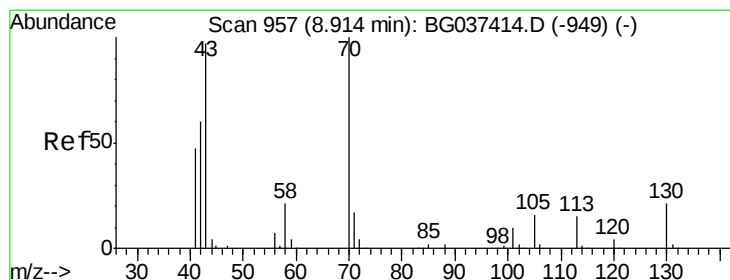
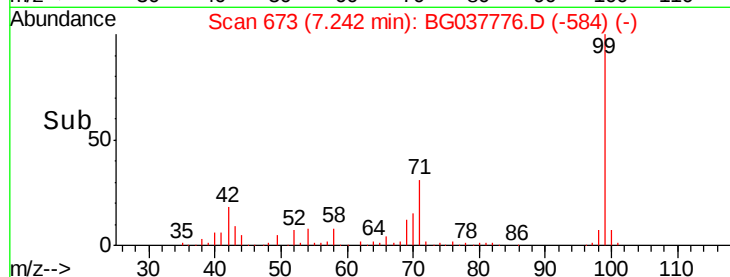
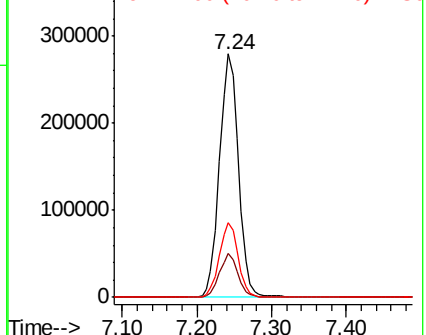
99 100

42 18.0 15.0 22.4

71 30.8 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



#19

n-Nitroso-di-n-propylamine

Concen: 13.037 ng

RT: 9.27 min Scan# 1019

Delta R.T. 0.36 min

Lab File: BG037776.D

Acq: 3 Nov 2018 5:10

Tgt Ion: 70 Resp: 46818

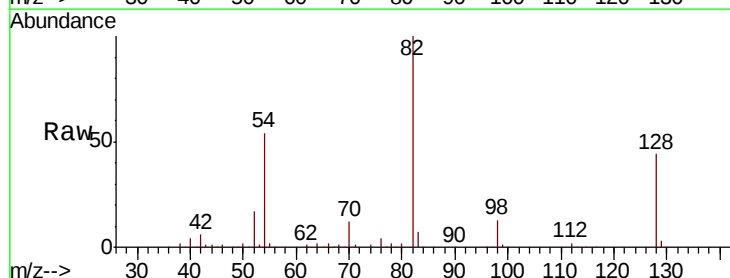
Ion Ratio Lower Upper

70 100

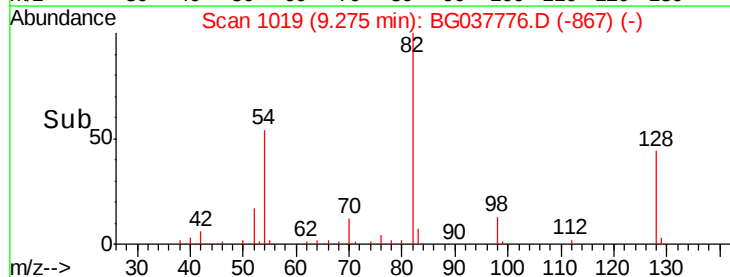
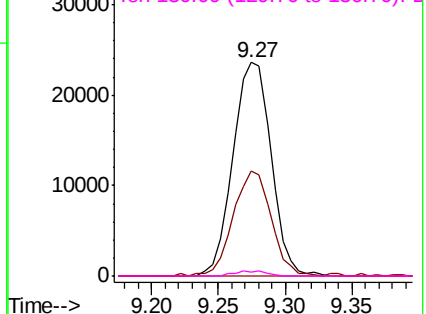
42 49.1 53.9 80.9#

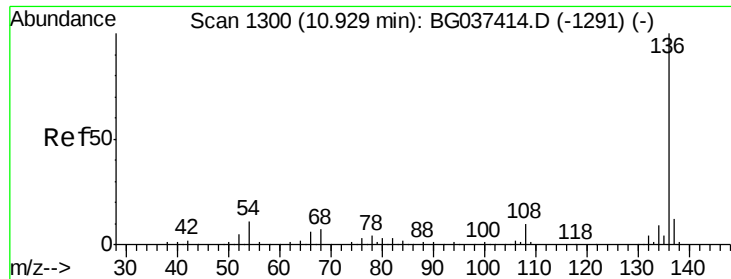
101 0.0 8.2 12.2#

130 1.5 18.2 27.4#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

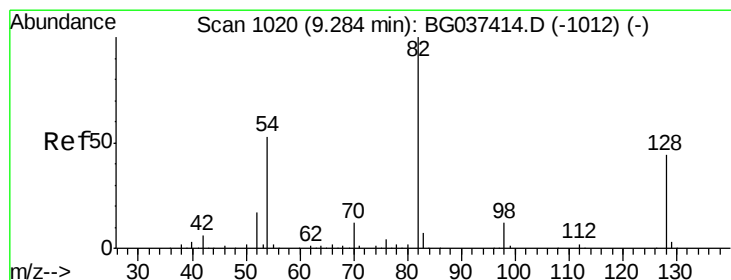
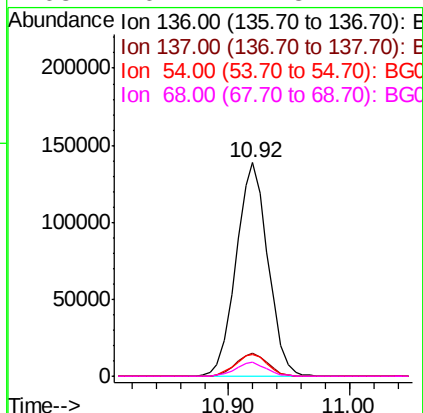
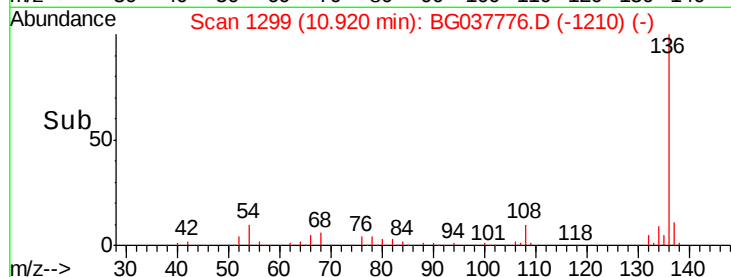
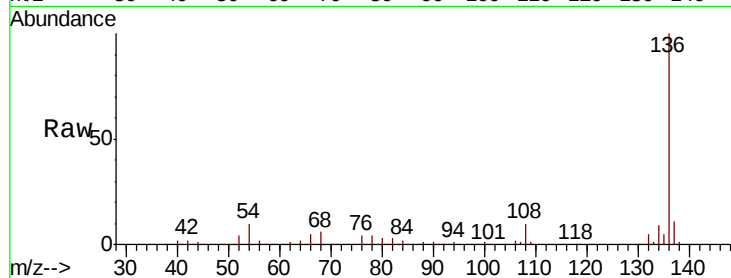




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037776.D
Acq: 3 Nov 2018 5:10

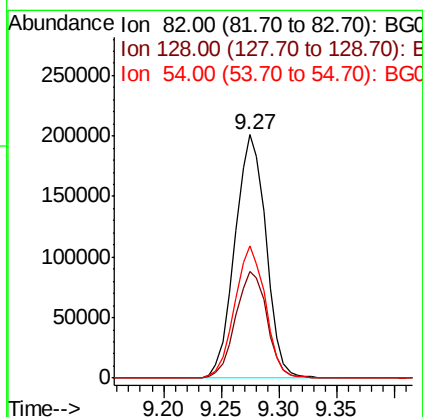
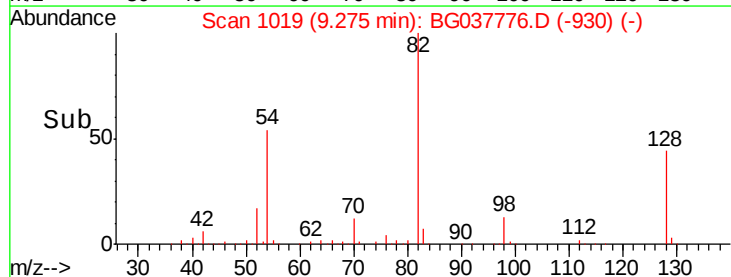
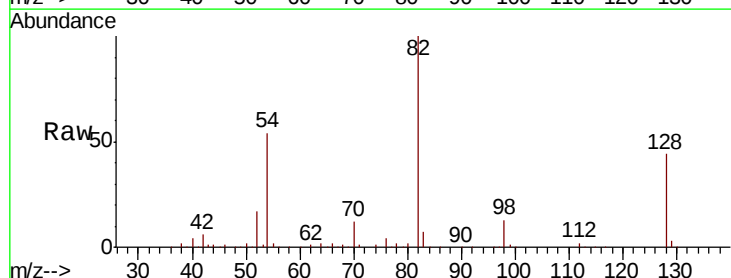
Instrument :
BNA_G
ClientSampleId :
TP-4

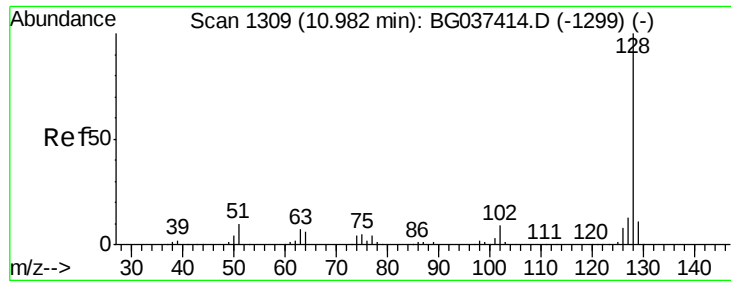
Tot Ion:136	Resp:	253559
Ion	Ratio	Lower Upper
136	100	
137	11.0	9.6 14.4
54	10.1	7.9 11.9
68	6.4	4.8 7.2



#23
Nitrobenzene-d5
Concen: 82.921 ng
RT: 9.27 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037776.D
Acq: 3 Nov 2018 5:10

Tgt Ion: 82	Resp:	375327
Ion	Ratio	Lower Upper
82	100	
128	43.9	34.6 51.8
54	54.5	45.3 67.9

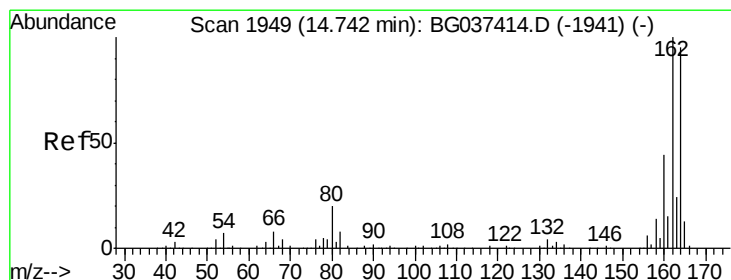
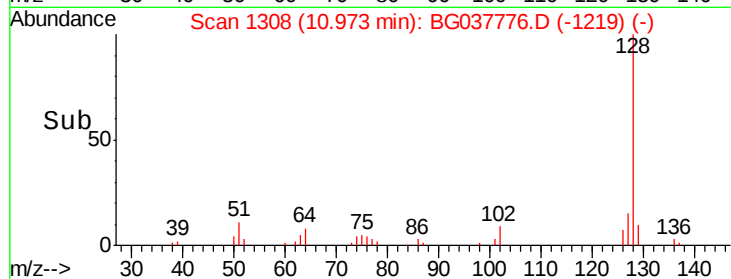
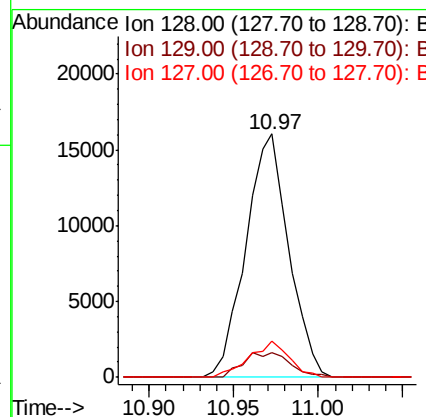
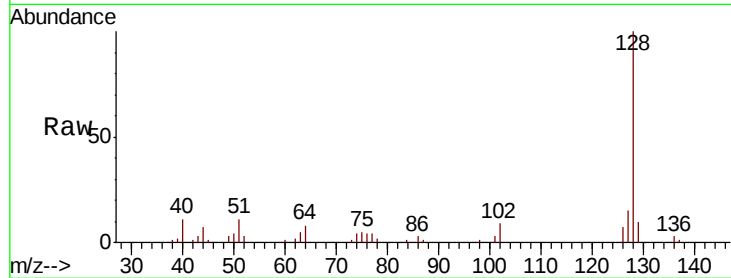




#31
Naphthalene
Concen: 2.274 ng
RT: 10.97 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BG037776.D
Acq: 3 Nov 2018 5:10

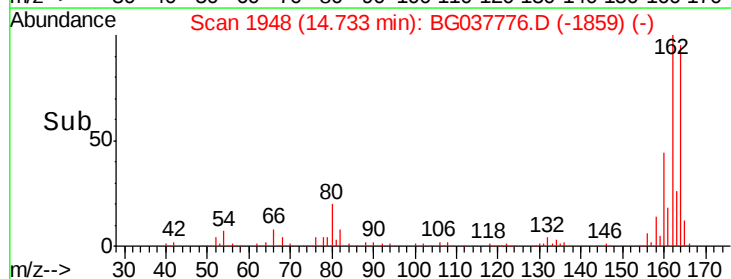
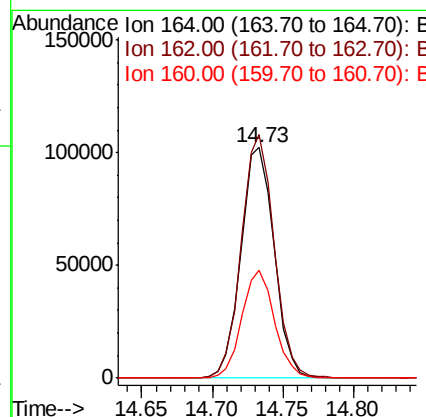
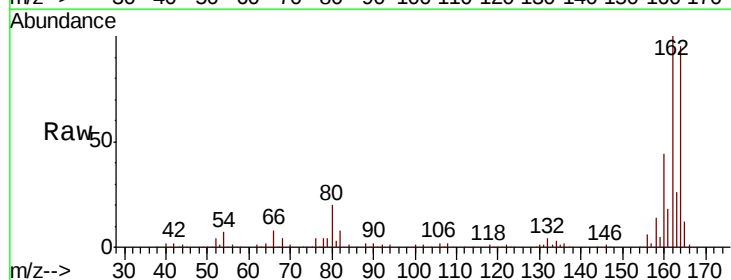
Instrument :
BNA_G
ClientSampleId :
TP-4

Tot Ion:128 Resp: 28319
Ion Ratio Lower Upper
128 100
129 10.3 9.0 13.6
127 15.1 11.1 16.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG037776.D
Acq: 3 Nov 2018 5:10

Tgt Ion:164 Resp: 168436
Ion Ratio Lower Upper
164 100
162 105.6 81.3 121.9
160 46.6 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 123.109 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037776.D

Acq: 3 Nov 2018 5:10

Instrument :

BNA_G

ClientSampleId :

TP-4

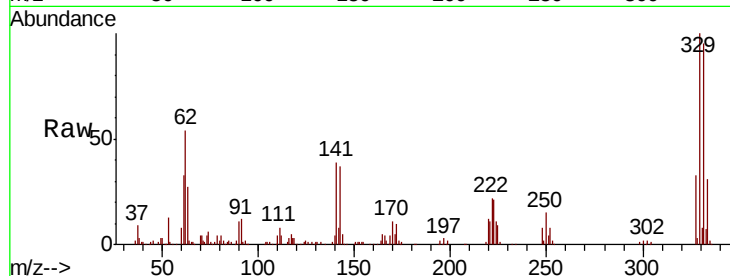
Tot Ion:330 Resp: 226166

Ion Ratio Lower Upper

330 100

332 94.3 78.4 117.6

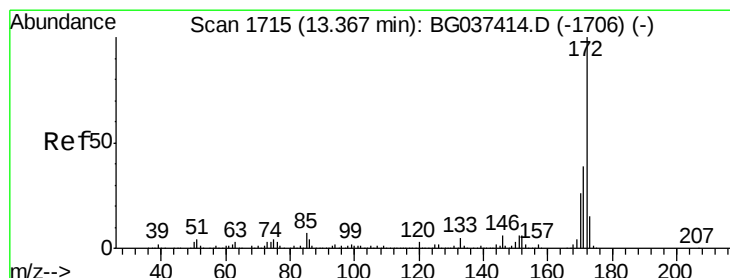
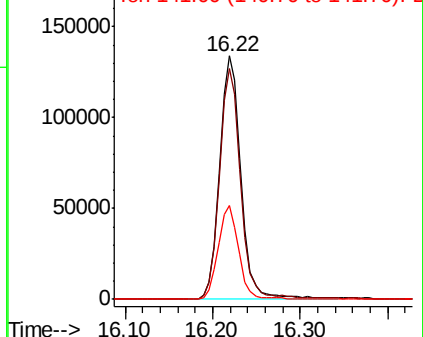
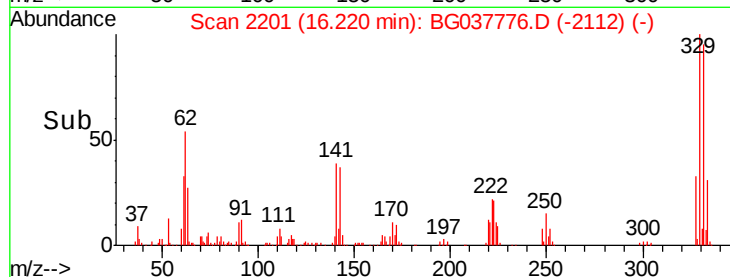
141 37.5 32.2 48.2



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: 83.091 ng

RT: 13.35 min Scan# 1713

Delta R.T. -0.02 min

Lab File: BG037776.D

Acq: 3 Nov 2018 5:10

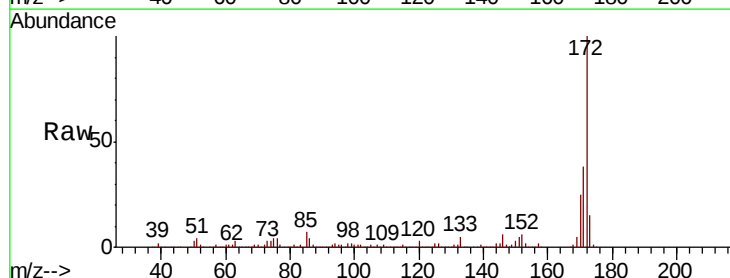
Tgt Ion:172 Resp: 928114

Ion Ratio Lower Upper

172 100

171 38.3 31.0 46.4

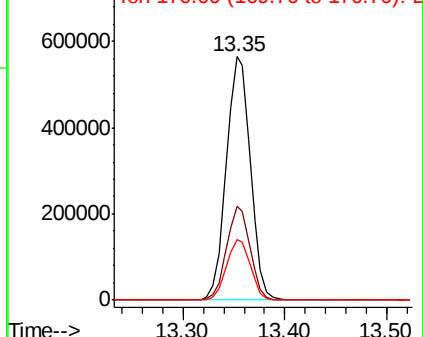
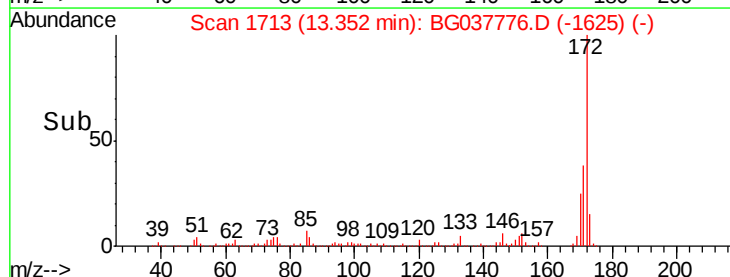
170 24.7 20.2 30.2

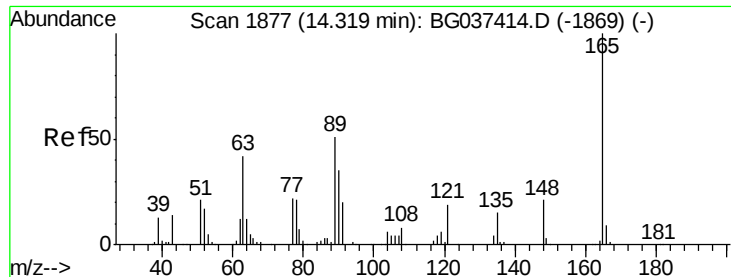


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

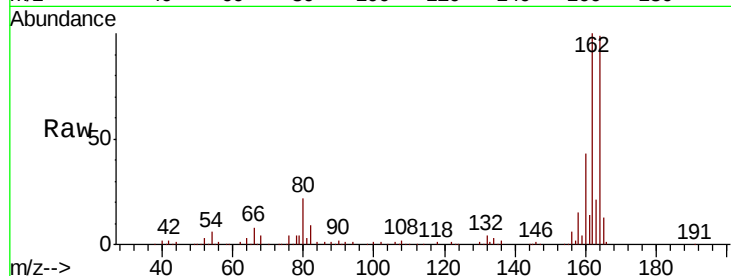




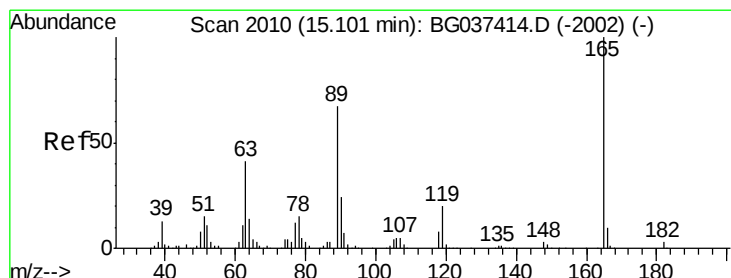
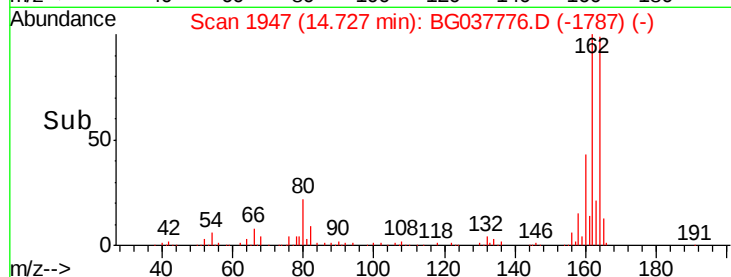
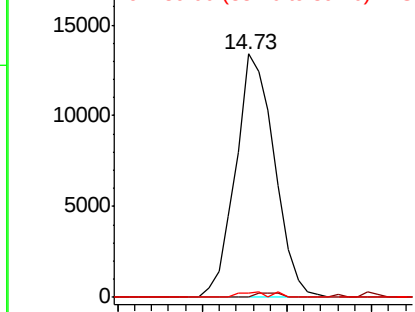
#51
2,6-Dinitrotoluene
Concen: 7.426 ng
RT: 14.73 min Scan# 1947
Delta R.T. 0.41 min
Lab File: BG037776.D
Acq: 3 Nov 2018 5:10

Instrument :
BNA_G
ClientSampleId :
TP-4

Tot Ion:165 Resp: 21407
Ion Ratio Lower Upper
165 100
63 0.0 43.4 65.2#
89 1.5 45.8 68.6#

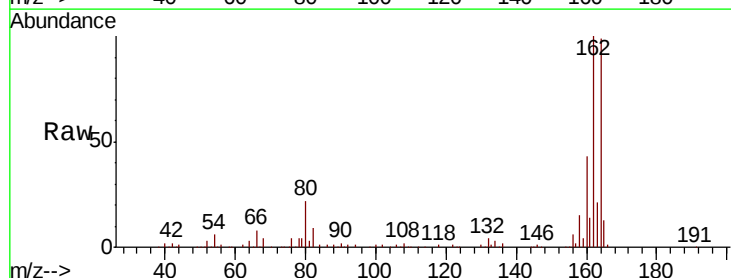


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

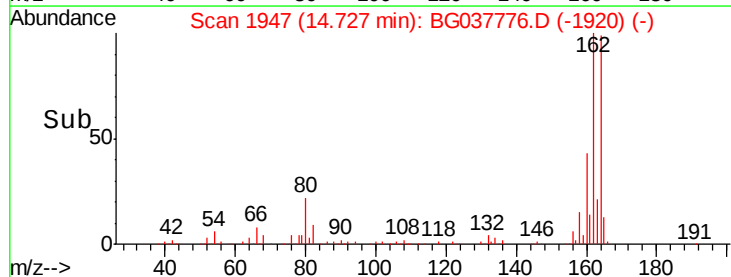
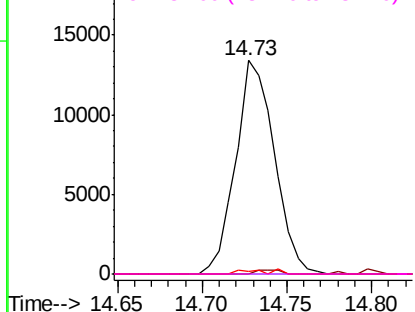


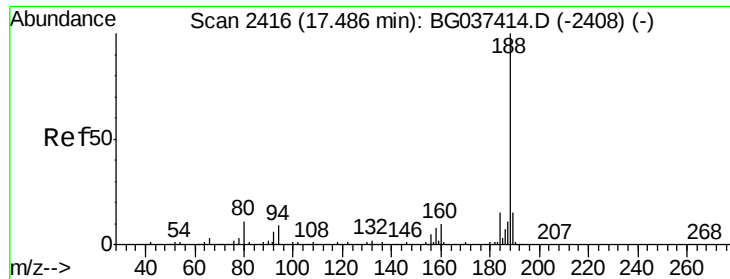
#57
2,4-Dinitrotoluene
Concen: 5.657 ng
RT: 14.73 min Scan# 1947
Delta R.T. -0.37 min
Lab File: BG037776.D
Acq: 3 Nov 2018 5:10

Tgt Ion:165 Resp: 21407
Ion Ratio Lower Upper
165 100
63 0.0 33.4 50.0#
89 1.5 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# 2415

Delta R.T. -0.01 min

Lab File: BG037776.D

Acq: 3 Nov 2018 5:10

Instrument :

BNA_G

ClientSampleId :

TP-4

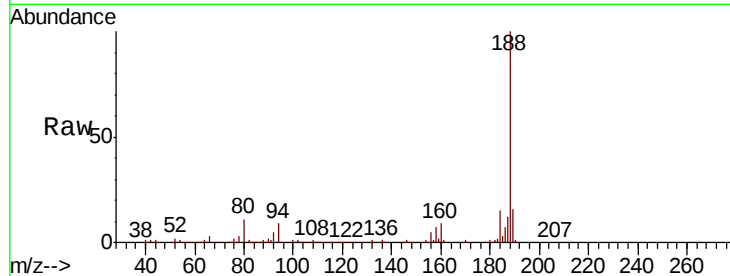
Tot Ion:188 Resp: 375712

Ion Ratio Lower Upper

188 100

94 9.0 7.2 10.8

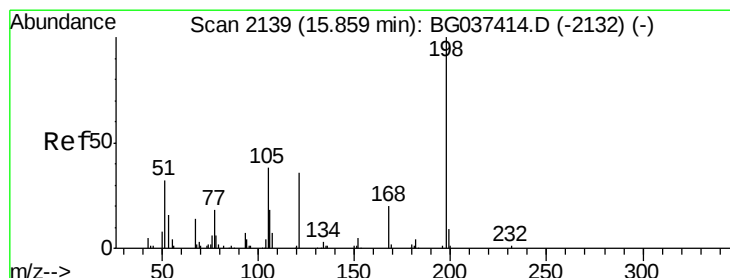
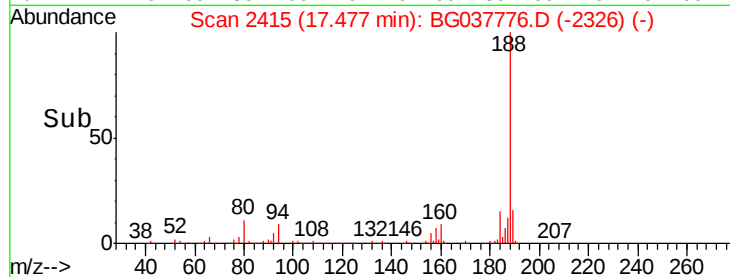
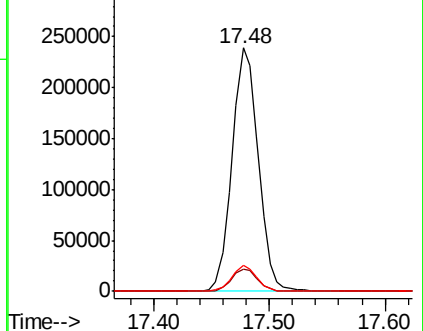
80 10.5 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#65

4,6-Dinitro-2-methylphenol

Concen: 8.778 ng

RT: 16.22 min Scan# 2201

Delta R.T. 0.36 min

Lab File: BG037776.D

Acq: 3 Nov 2018 5:10

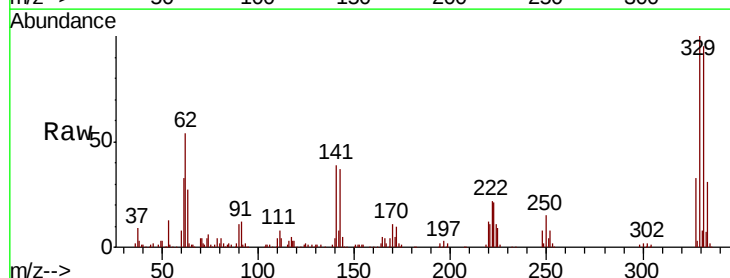
Tgt Ion:198 Resp: 649

Ion Ratio Lower Upper

198 100

51 22.6 22.7 62.7#

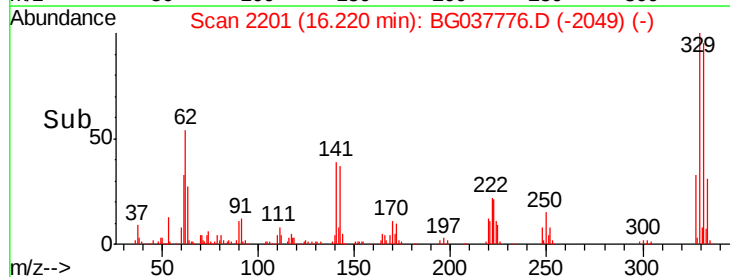
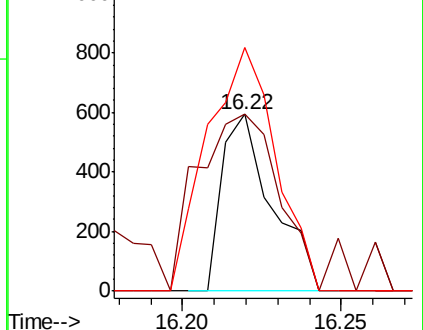
105 31.1 19.7 59.7



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

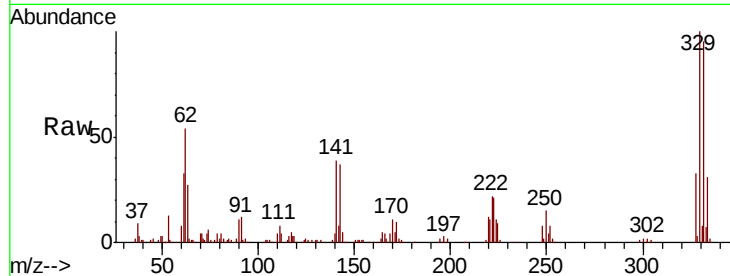




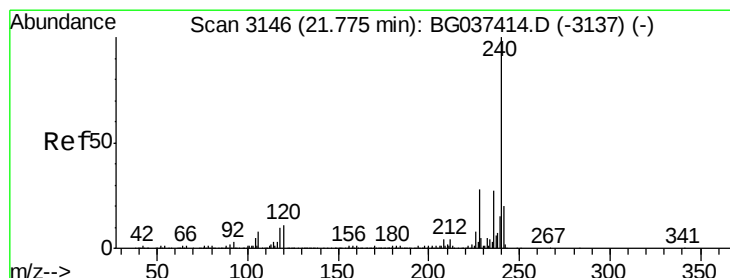
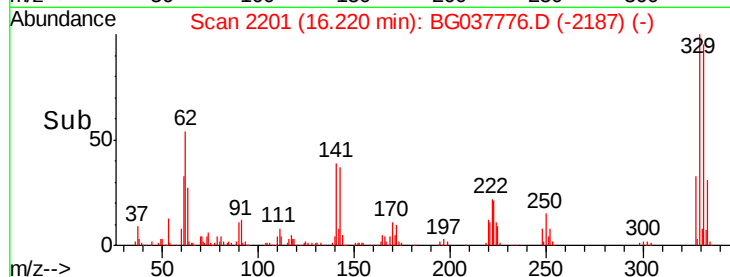
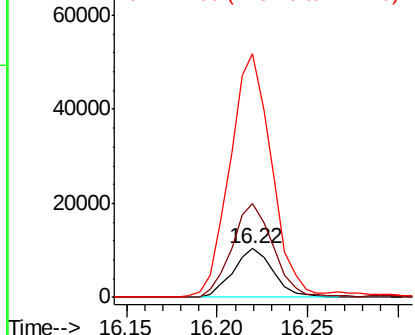
#67
 4-Bromophenyl-phenylether
 Concen: 3.900 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.45 min
 Lab File: BG037776.D
 Acq: 3 Nov 2018 5:10

Instrument :
 BNA_G
 ClientSampleId :
 TP-4

Tot Ion:248 Resp: 16093
 Ion Ratio Lower Upper
 248 100
 250 189.7 77.0 115.6#
 141 379.9 55.5 83.3#

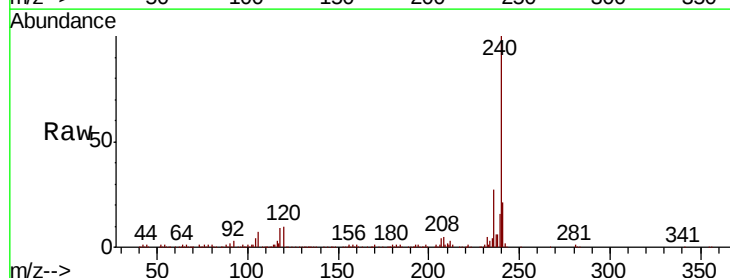


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

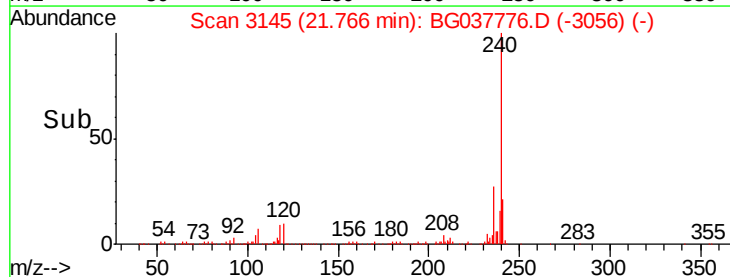
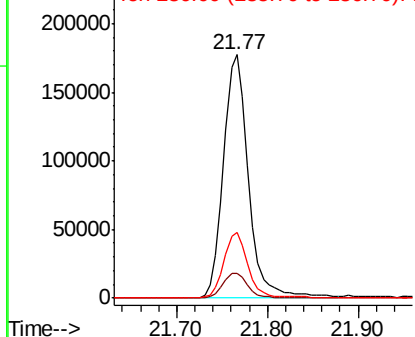


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.77 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG037776.D
 Acq: 3 Nov 2018 5:10

Tgt Ion:240 Resp: 341964
 Ion Ratio Lower Upper
 240 100
 120 10.0 8.1 12.1
 236 27.2 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: 83.668 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037776.D

Acq: 3 Nov 2018 5:10

Instrument :

BNA_G

ClientSampleId :

TP-4

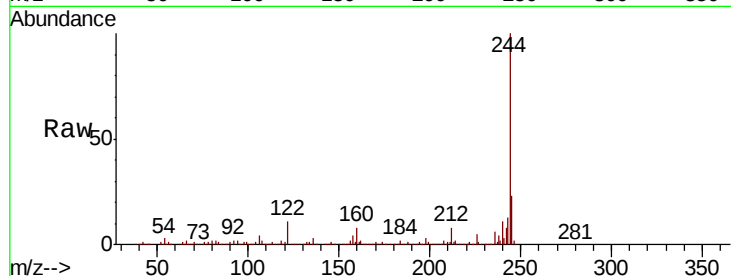
Tot Ion:244 Resp: 1339014

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

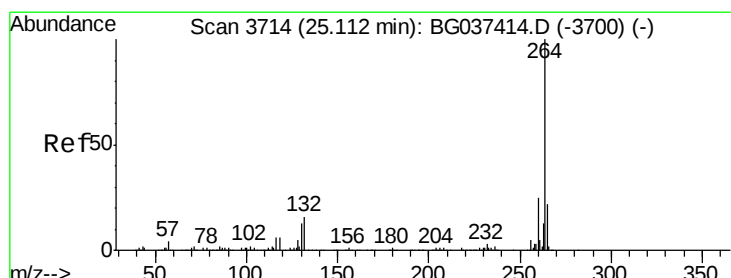
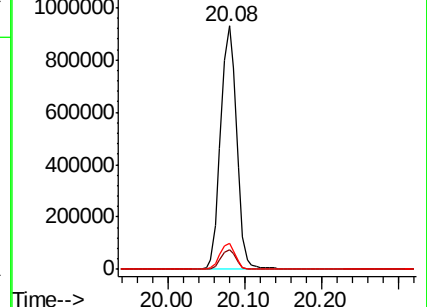
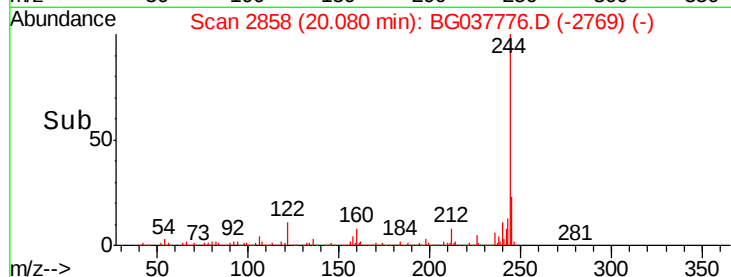
122 10.8 9.0 13.4



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: BG037776.D

Acq: 3 Nov 2018 5:10

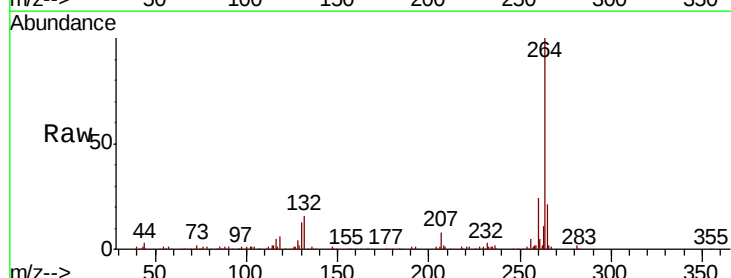
Tgt Ion:264 Resp: 298573

Ion Ratio Lower Upper

264 100

260 23.8 18.2 27.4

265 20.5 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

