

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG073019\
 Data File : BG041803.D
 Acq On : 30 Jul 2019 15:58
 Operator : HP/JU
 Sample : PB121801BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB121801BL

Quant Time: Jul 31 01:18:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 07:53:52 2019
 Response via : Initial Calibration

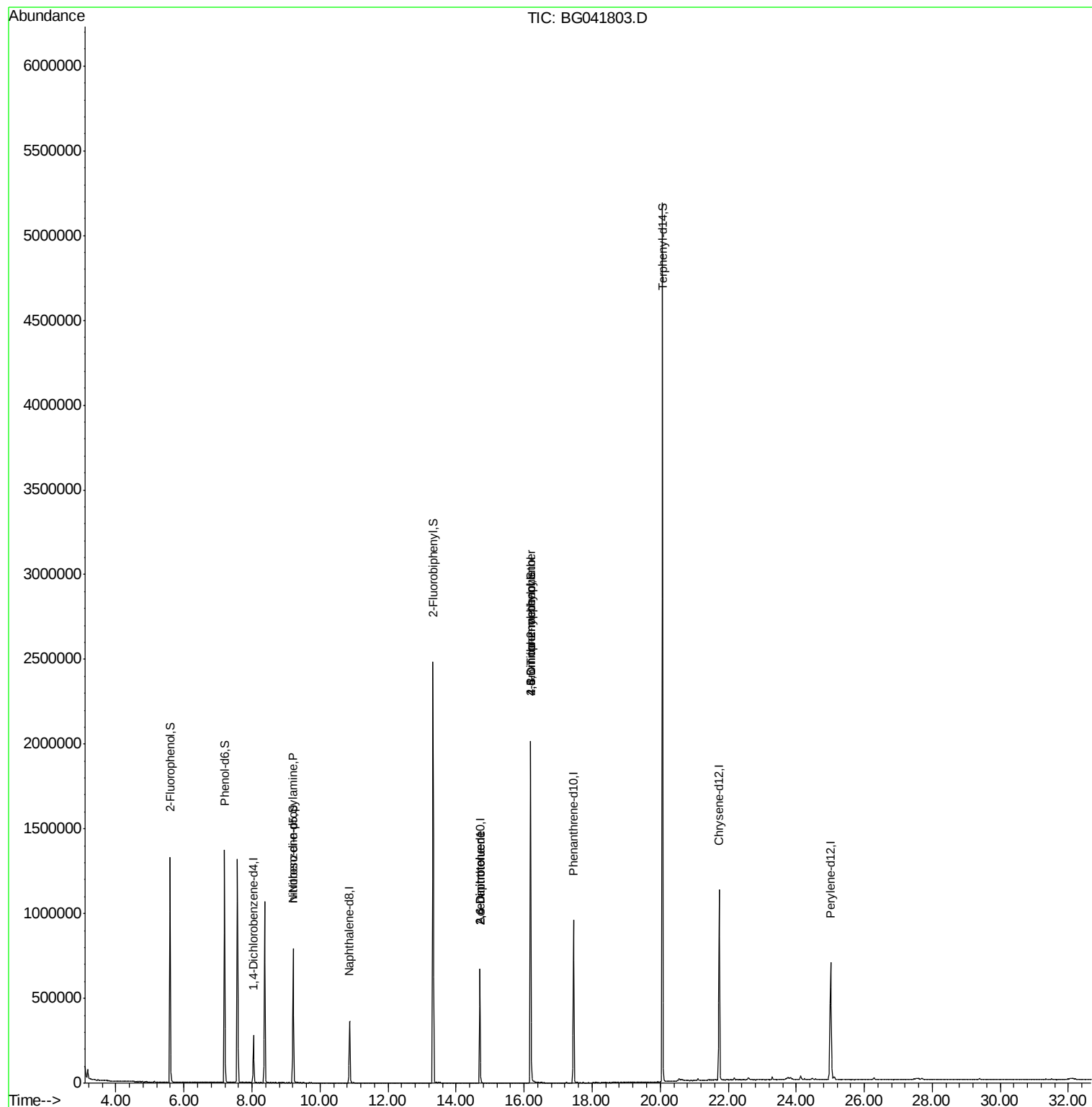
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	87101	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	350747	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	261591	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	635141	20.00	ng	0.00
76) Chrysene-d12	21.74	240	697953	20.00	ng	0.00
87) Perylene-d12	25.01	264	791592	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	592762	132.41	ng	0.00
7) Phenol-d6	7.19	99	808615	133.98	ng	0.00
23) Nitrobenzene-d5	9.21	82	477019	93.59	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	419696	141.25	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1350724	91.07	ng	0.00
79) Terphenyl-d14	20.07	244	2431253	79.71	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	64335	14.682	ng	# 66
51) 2,6-Dinitrotoluene	14.70	165	33702	9.022	ng	# 27
57) 2,4-Dinitrotoluene	14.70	165	33702	6.560	ng	# 29
65) 4,6-Dinitro-2-methylphenol	16.19	198	1211	7.186	ng	# 1
67) 4-Bromophenyl-phenylether	16.19	248	30613	3.913	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG073019\
Data File : BG041803.D
Acq On : 30 Jul 2019 15:58
Operator : HP/JU
Sample : PB121801BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB121801BL

Quant Time: Jul 31 01:18:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG072719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 07:53:52 2019
Response via : Initial Calibration



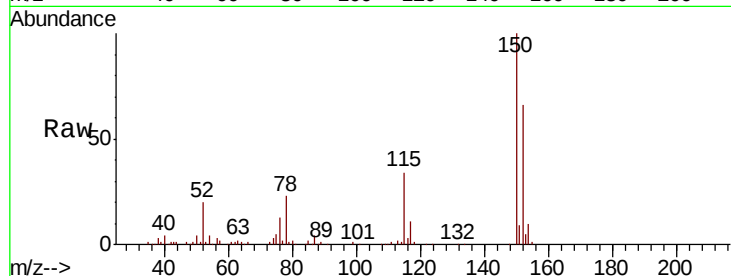


#1

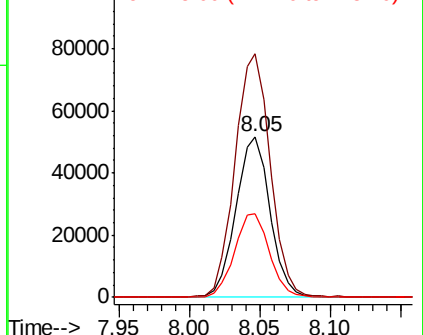
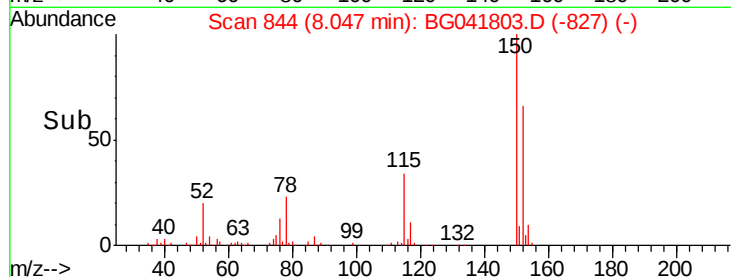
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. 0.00 min
Lab File: BG041803.D
Acq: 30 Jul 2019 15:58

Instrument :
BNA_G
ClientSampleId :
PB121801BL

Tgt Ion:152 Resp: 87101
Ion Ratio Lower Upper
152 100
150 151.3 126.9 190.3
115 51.7 45.0 67.6



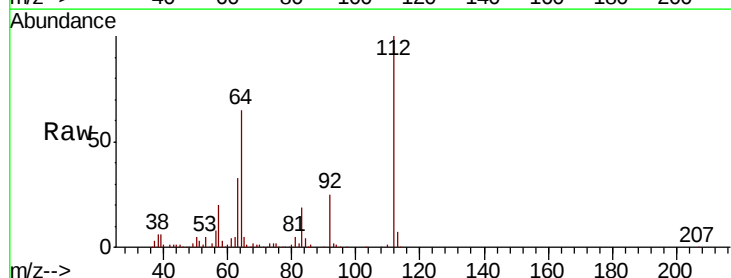
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



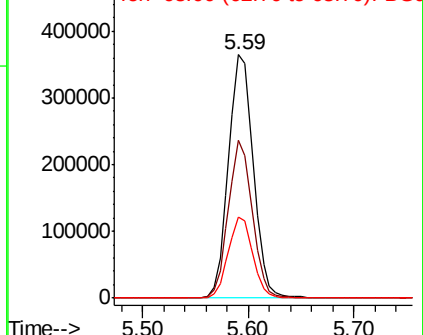
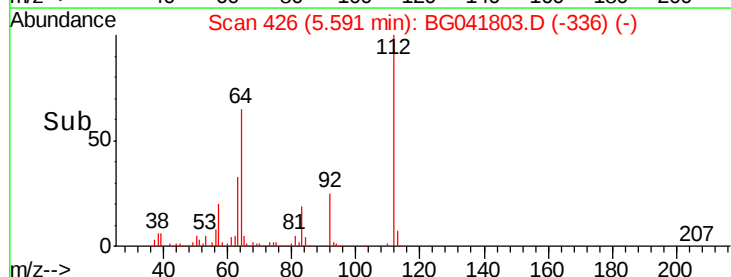
#5

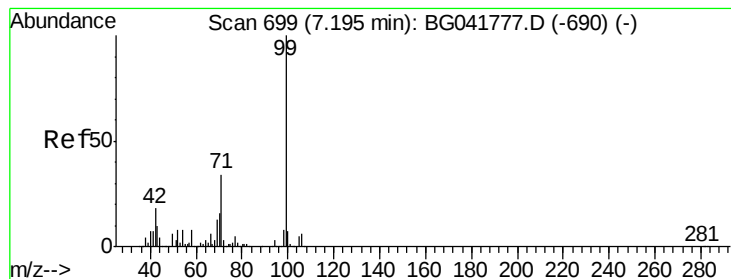
2-Fluorophenol
Concen: 132.408 ng
RT: 5.59 min Scan# 426
Delta R.T. 0.00 min
Lab File: BG041803.D
Acq: 30 Jul 2019 15:58

Tgt Ion:112 Resp: 592762
Ion Ratio Lower Upper
112 100
64 65.0 55.4 83.2
63 33.5 29.1 43.7



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: 133.978 ng

RT: 7.19 min Scan# 699

Delta R.T. 0.00 min

Lab File: BG041803.D

Acq: 30 Jul 2019 15:58

Instrument :

BNA_G

ClientSampleId :

PB121801BL

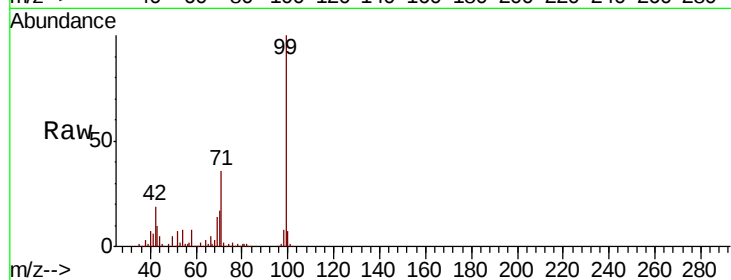
Tgt Ion: 99 Resp: 808615

Ion Ratio Lower Upper

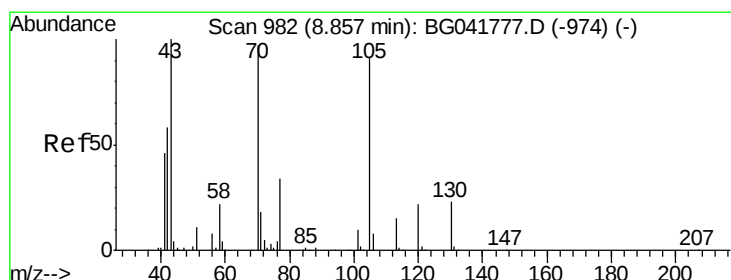
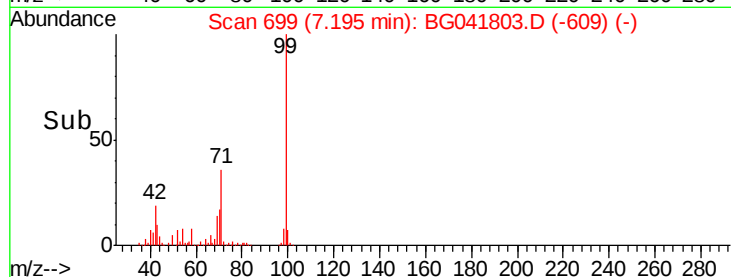
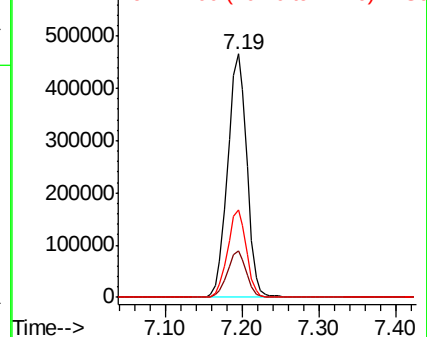
99 100

42 19.1 17.6 26.4

71 35.9 27.8 41.6



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: 14.682 ng

RT: 9.21 min Scan# 1042

Delta R.T. 0.35 min

Lab File: BG041803.D

Acq: 30 Jul 2019 15:58

Tgt Ion: 70 Resp: 64335

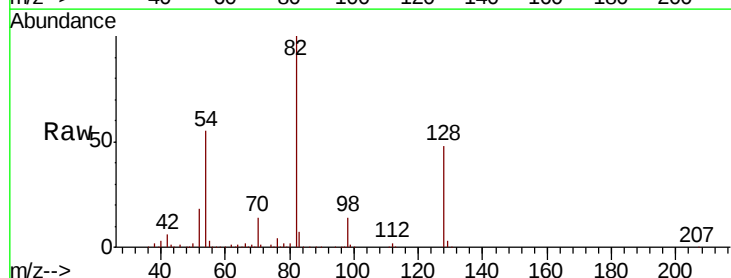
Ion Ratio Lower Upper

70 100

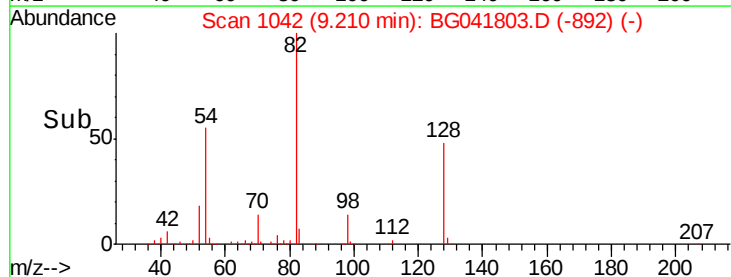
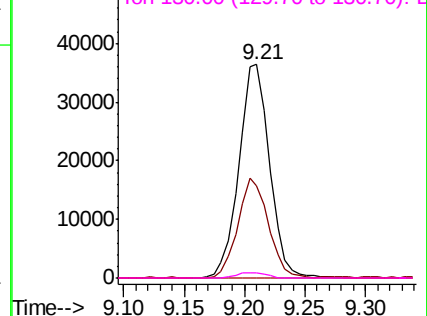
42 42.9 55.8 83.6#

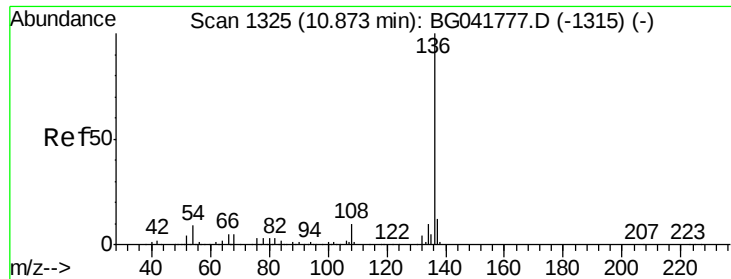
101 0.0 8.1 12.1#

130 2.5 17.3 25.9#



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

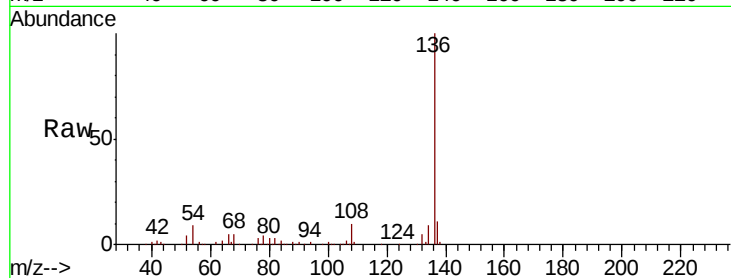




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG041803.D
Acq: 30 Jul 2019 15:58

Instrument :
BNA_G
ClientSampleId :
PB121801BL

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	8.8	8.7	13.1
68	5.3	5.5	8.3#



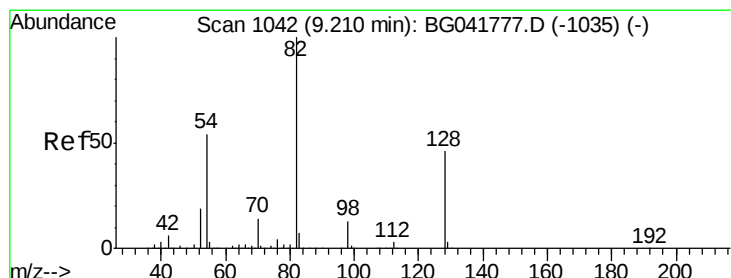
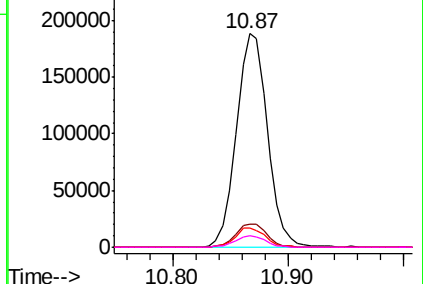
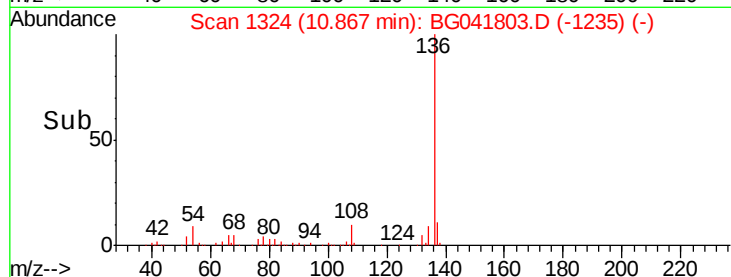
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

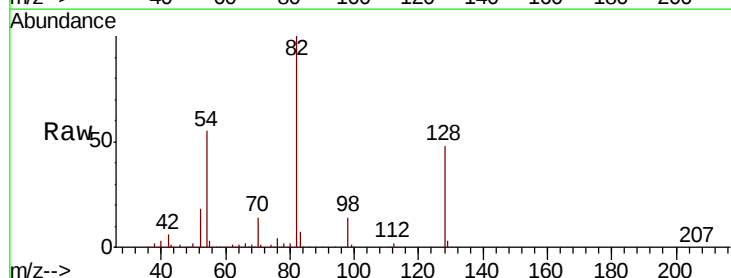
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23
Nitrobenzene-d5
Concen: 93.591 ng
RT: 9.21 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BG041803.D
Acq: 30 Jul 2019 15:58

Tgt Ion	Ratio	Lower	Upper
82	100		
128	48.2	35.1	52.7
54	54.7	48.7	73.1

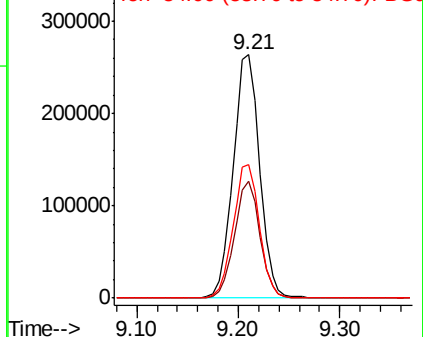
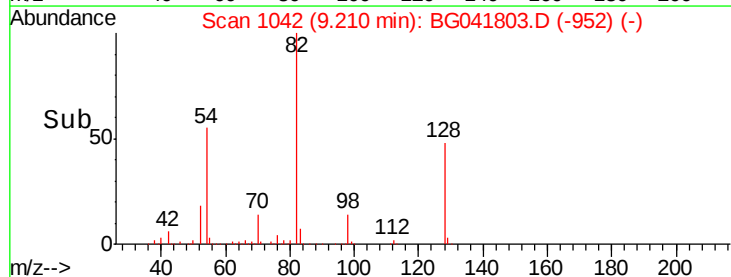


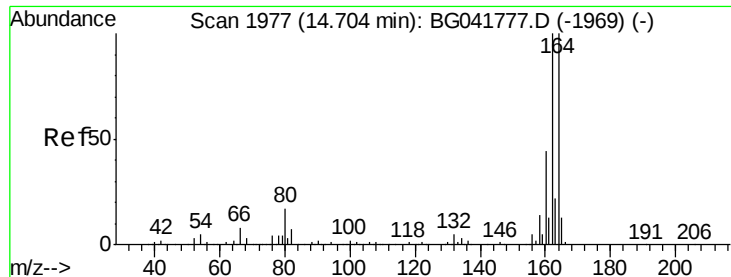
Abundance

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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1977

Delta R.T. 0.00 min

Lab File: BG041803.D

Acq: 30 Jul 2019 15:58

Instrument :

BNA_G

ClientSampleId :

PB121801BL

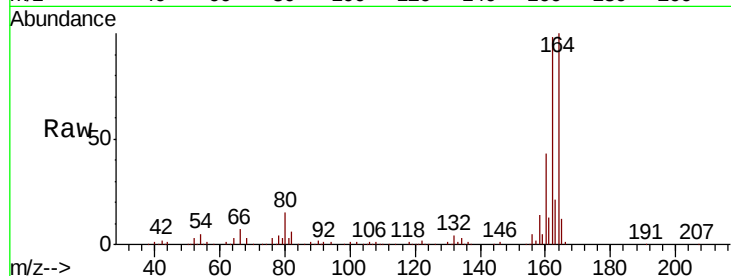
Tgt Ion:164 Resp: 261591

Ion Ratio Lower Upper

164 100

162 98.5 79.6 119.4

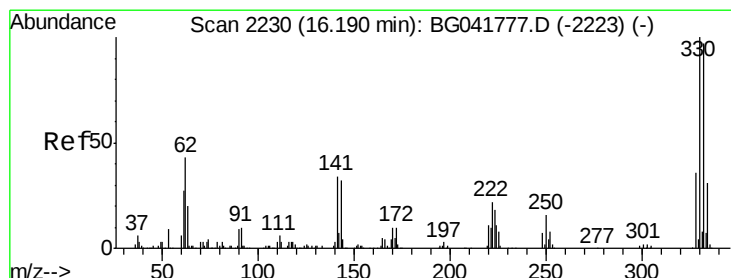
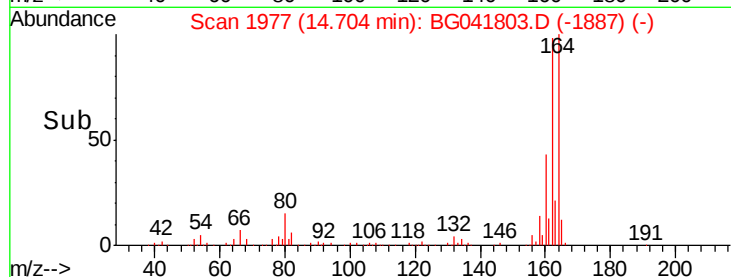
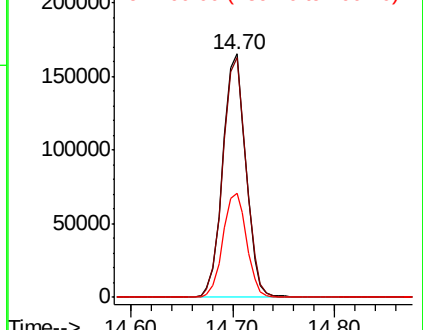
160 42.9 35.4 53.0



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: 141.249 ng

RT: 16.19 min Scan# 2230

Delta R.T. 0.00 min

Lab File: BG041803.D

Acq: 30 Jul 2019 15:58

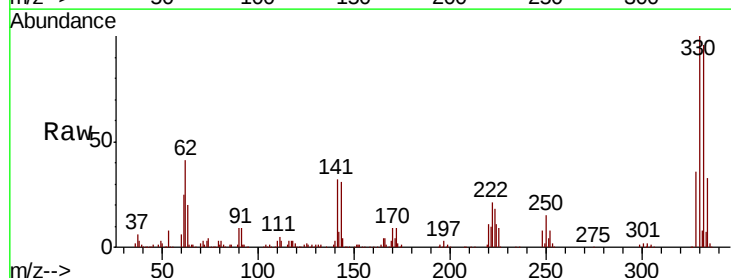
Tgt Ion:330 Resp: 419696

Ion Ratio Lower Upper

330 100

332 96.4 77.4 116.0

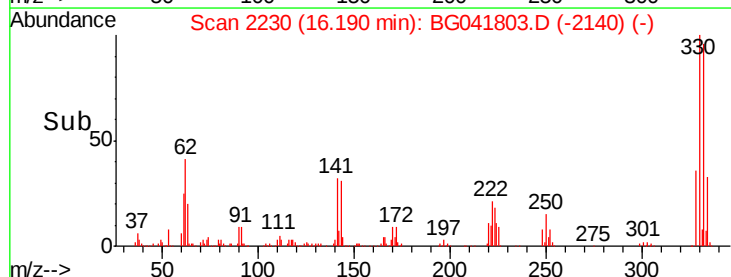
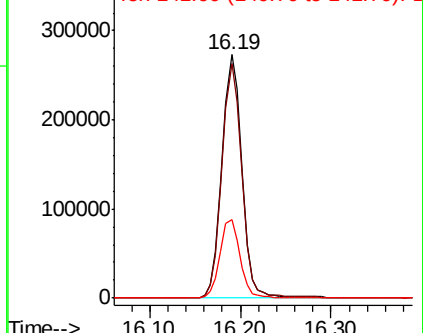
141 32.6 31.9 47.9

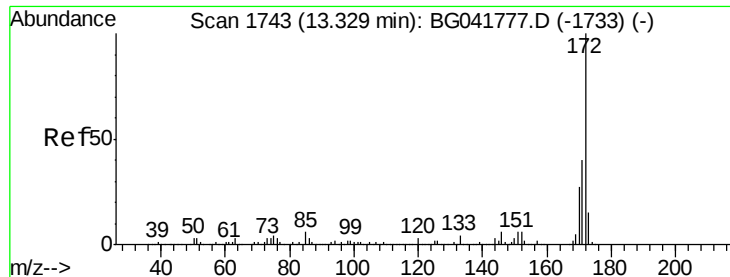


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

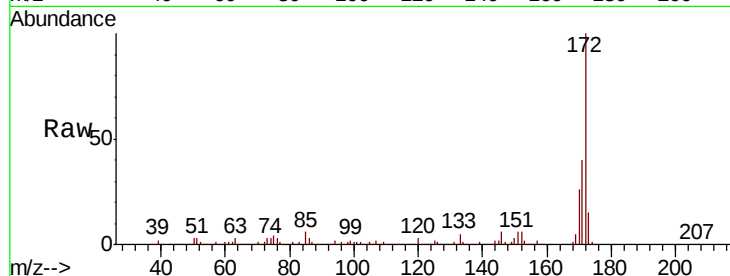




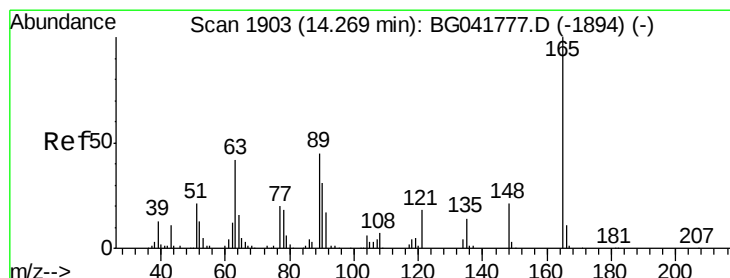
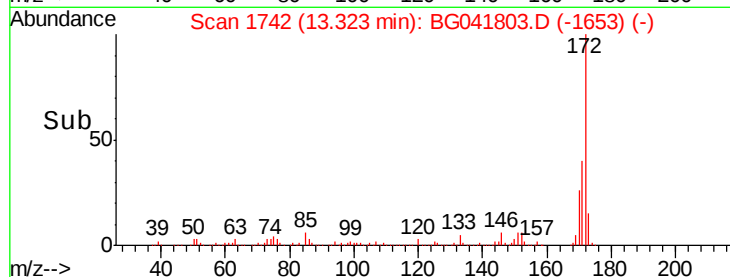
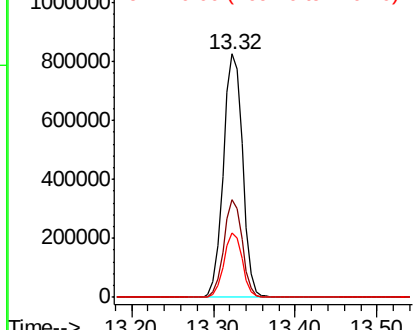
#45
 2-Fluorobiphenyl
 Concen: 91.070 ng
 RT: 13.32 min Scan# 1742
 Delta R.T. -0.01 min
 Lab File: BG041803.D
 Acq: 30 Jul 2019 15:58

Instrument :
 BNA_G
 ClientSampleId :
 PB121801BL

Tgt Ion:172 Resp: 1350724
 Ion Ratio Lower Upper
 172 100
 171 40.1 35.0 52.4
 170 26.3 23.5 35.3

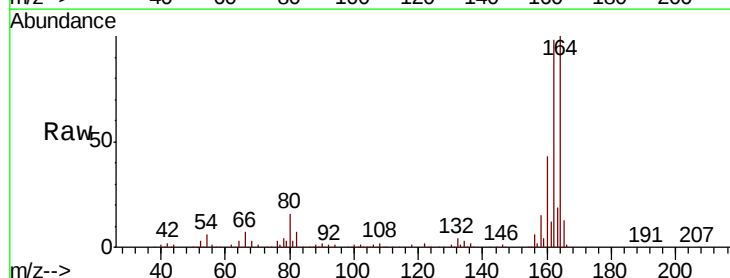


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

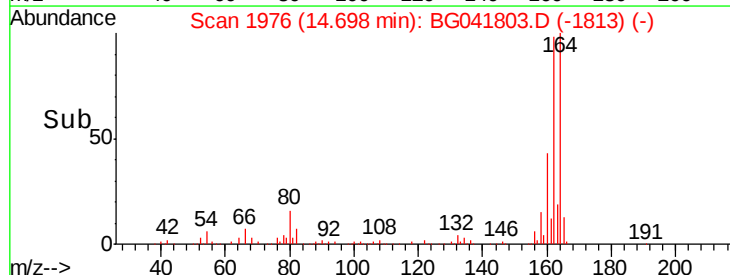
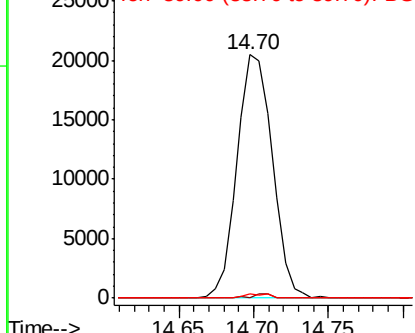


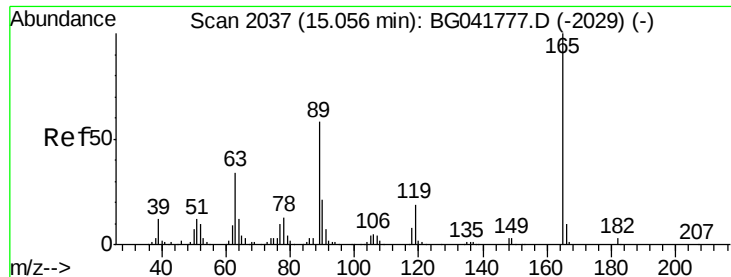
#51
 2,6-Dinitrotoluene
 Concen: 9.022 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. 0.43 min
 Lab File: BG041803.D
 Acq: 30 Jul 2019 15:58

Tgt Ion:165 Resp: 33702
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.4 63.6#
 89 1.7 42.1 63.1#



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

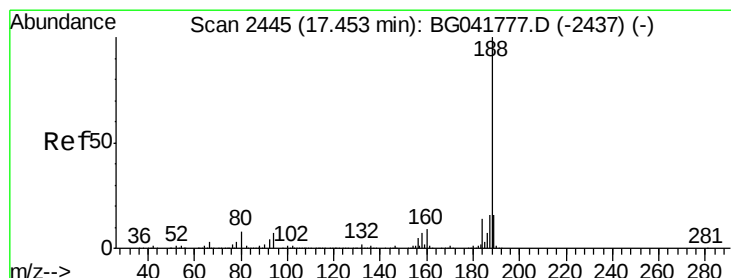
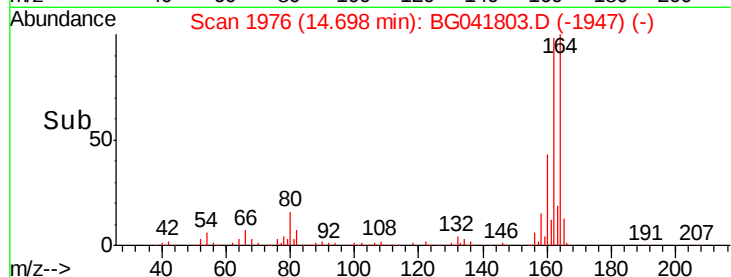
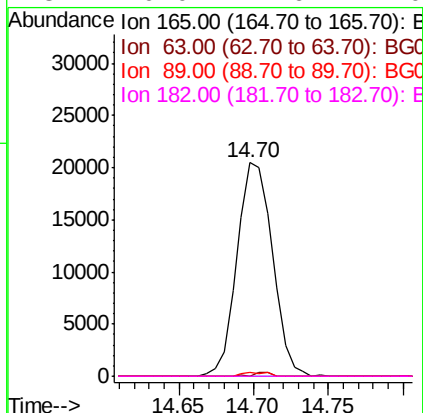
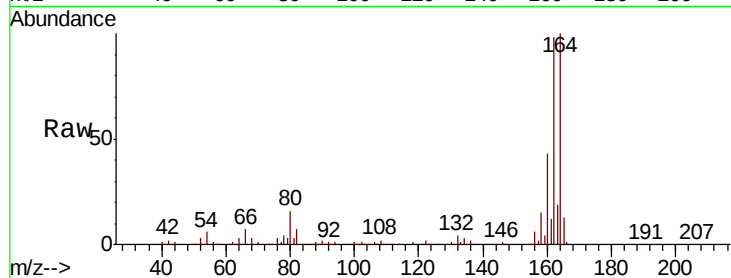




#57
 2,4-Dinitrotoluene
 Concen: 6.560 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. -0.36 min
 Lab File: BG041803.D
 Acq: 30 Jul 2019 15:58

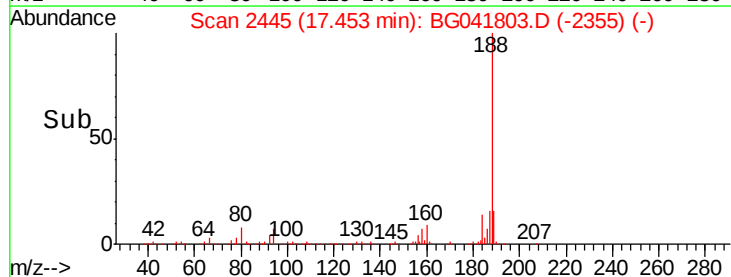
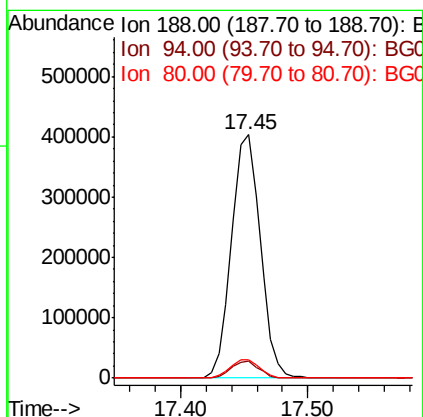
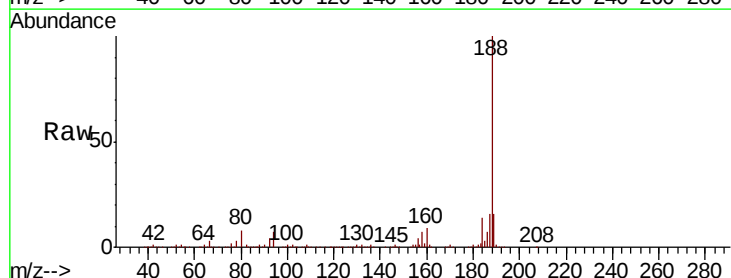
Instrument :
 BNA_G
 ClientSampleId :
 PB121801BL

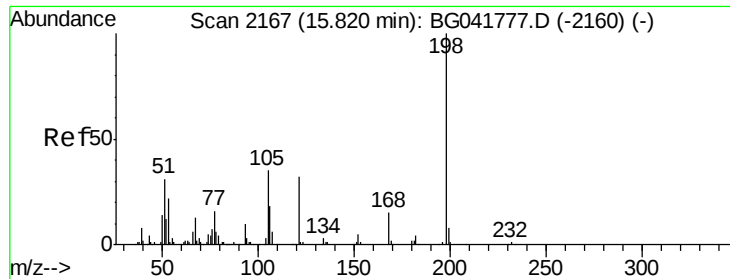
Tgt Ion:165 Resp: 33702
 Ion Ratio Lower Upper
 165 100
 63 0.0 31.7 47.5#
 89 1.7 50.2 75.4#
 182 0.0 2.6 4.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.45 min Scan# 2445
 Delta R.T. 0.00 min
 Lab File: BG041803.D
 Acq: 30 Jul 2019 15:58

Tgt Ion:188 Resp: 635141
 Ion Ratio Lower Upper
 188 100
 94 7.0 6.9 10.3
 80 7.7 8.0 12.0#

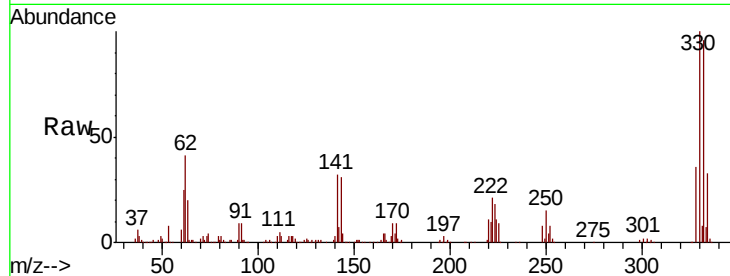




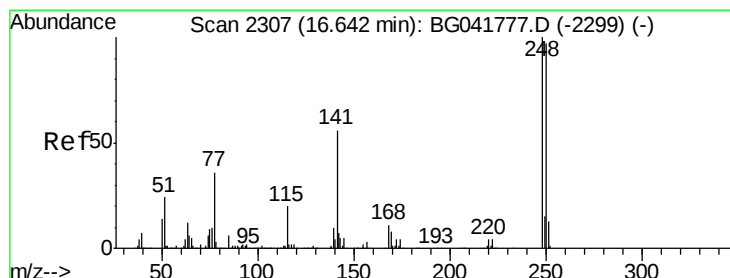
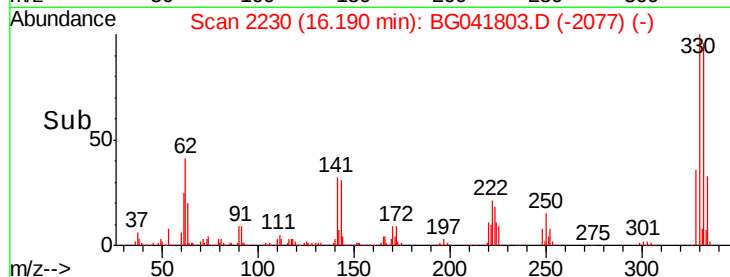
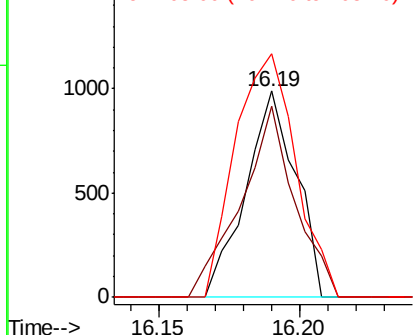
#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.186 ng
 RT: 16.19 min Scan# 2230
 Delta R.T. 0.37 min
 Lab File: BG041803.D
 Acq: 30 Jul 2019 15:58

Instrument :
 BNA_G
 ClientSampleId :
 PB121801BL

Tgt Ion:198 Resp: 1211
 Ion Ratio Lower Upper
 198 100
 51 92.8 22.3 62.3#
 105 118.0 18.0 58.0#

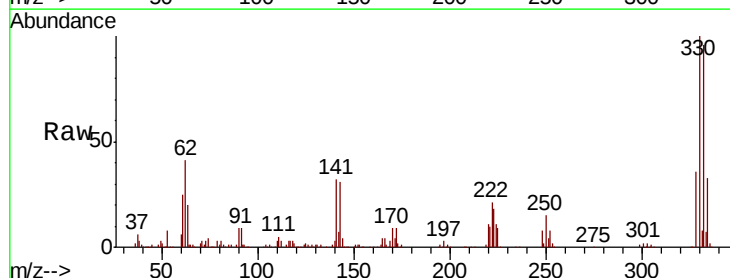


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

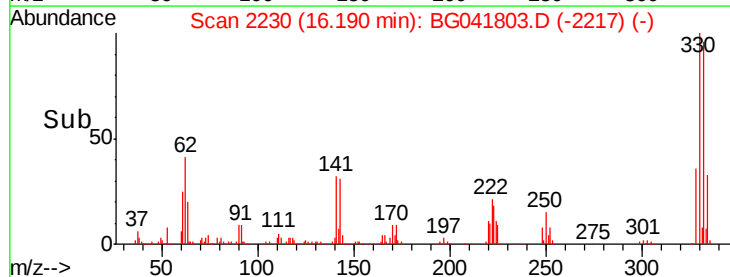
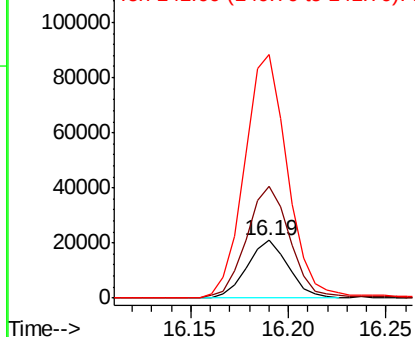


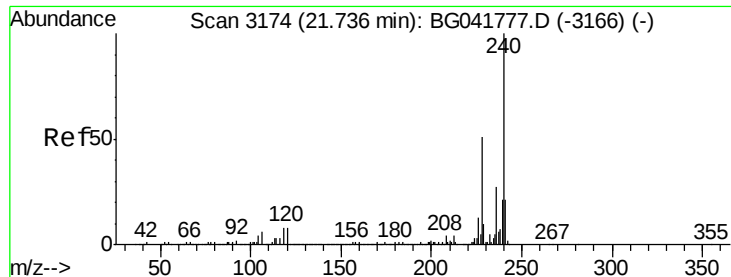
#67
 4-Bromophenyl-phenylether
 Concen: 3.913 ng
 RT: 16.19 min Scan# 2230
 Delta R.T. -0.45 min
 Lab File: BG041803.D
 Acq: 30 Jul 2019 15:58

Tgt Ion:248 Resp: 30613
 Ion Ratio Lower Upper
 248 100
 250 194.5 78.1 117.1#
 141 421.7 49.6 74.4#



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

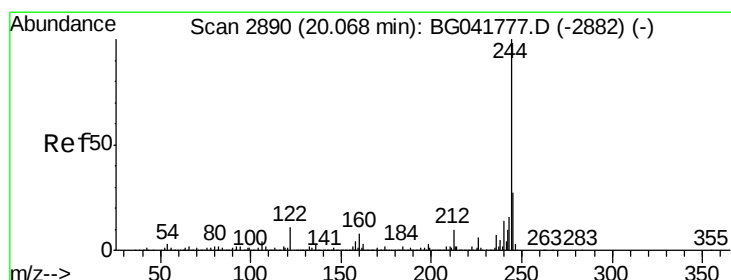
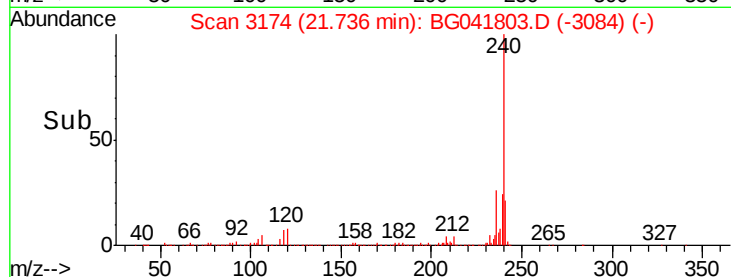
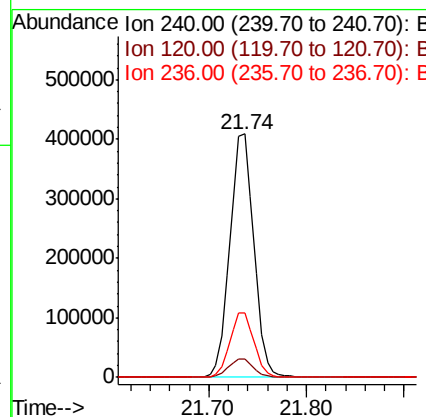
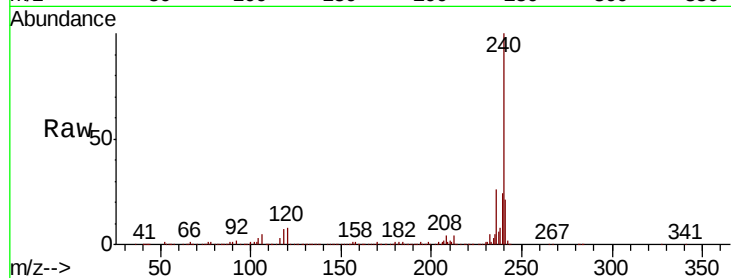




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3174
Delta R.T. 0.00 min
Lab File: BG041803.D
Acq: 30 Jul 2019 15:58

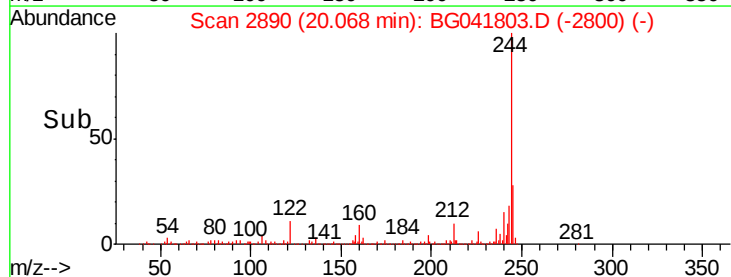
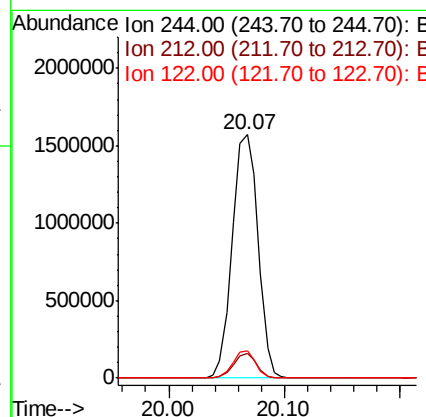
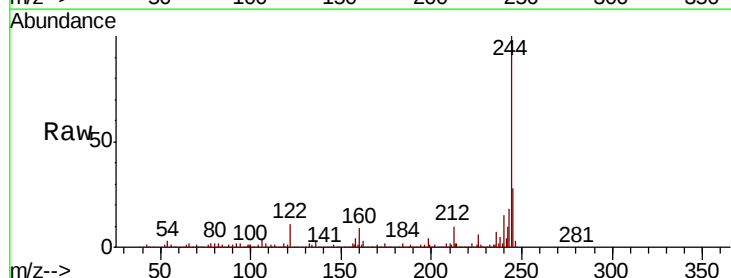
Instrument :
BNA_G
ClientSampleId :
PB121801BL

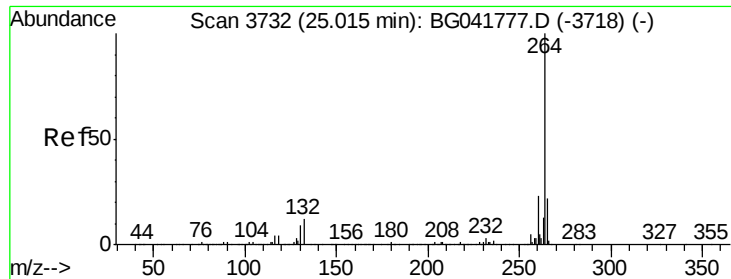
Tgt Ion:240 Resp: 697953
Ion Ratio Lower Upper
240 100
120 7.6 8.0 12.0#
236 26.5 22.6 33.8



#79
Terphenyl-d14
Concen: 79.709 ng
RT: 20.07 min Scan# 2890
Delta R.T. 0.00 min
Lab File: BG041803.D
Acq: 30 Jul 2019 15:58

Tgt Ion:244 Resp: 2431253
Ion Ratio Lower Upper
244 100
212 10.2 9.7 14.5
122 11.2 12.5 18.7#





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.01 min Scan# 3731
Delta R.T. -0.01 min
Lab File: BG041803.D
Acq: 30 Jul 2019 15:58

Instrument :
BNA_G
ClientSampleId :
PB121801BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.5	29.3
265	22.8	18.0	27.0

