

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071619\
 Data File : BG041678.D
 Acq On : 17 Jul 2019 3:53
 Operator : HP/JU
 Sample : PB121423BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB121423BL

Quant Time: Jul 17 07:23:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 15 16:16:21 2019
 Response via : Initial Calibration

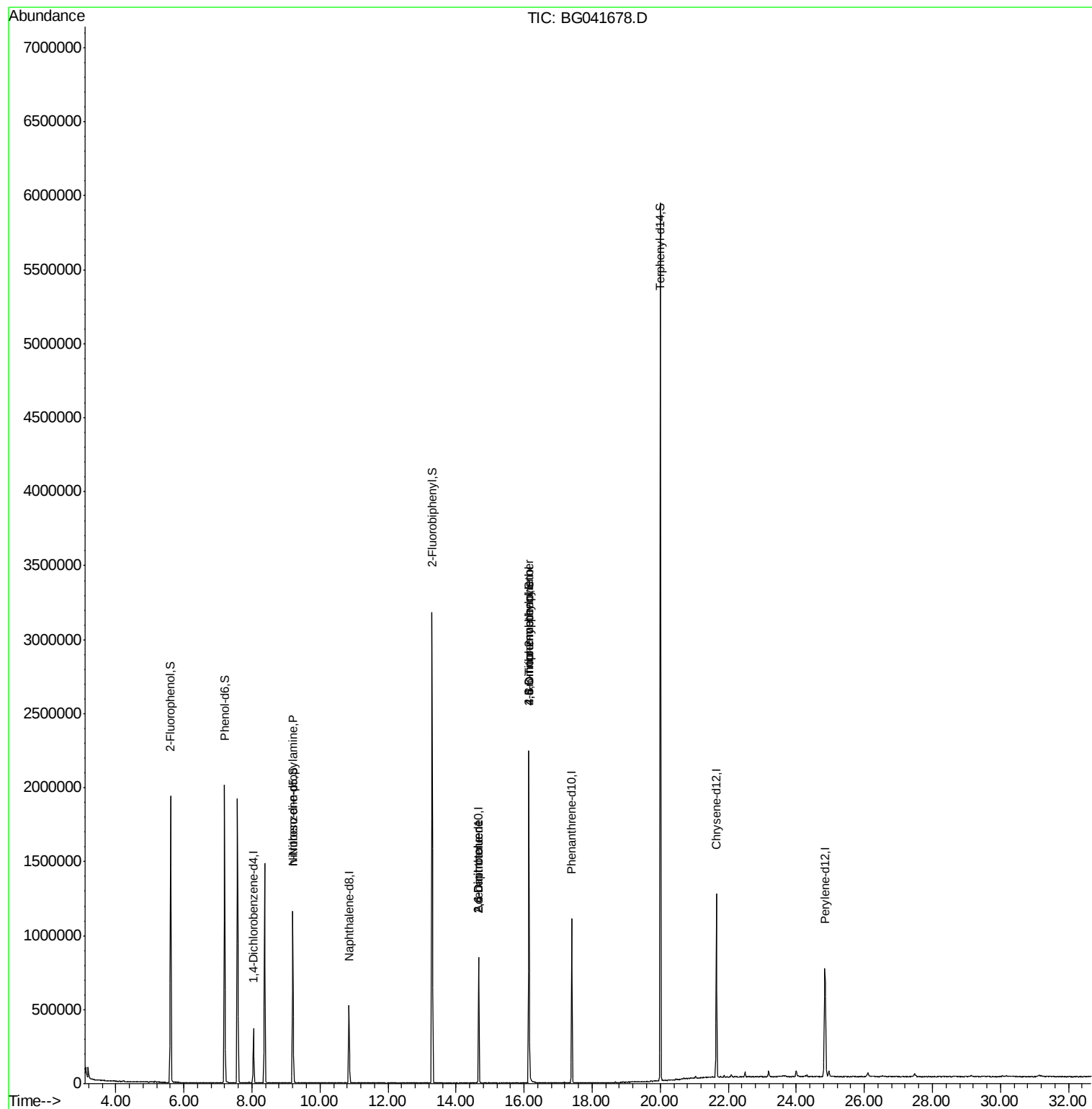
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	107151	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	452531	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	288224	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	706555	20.00	ng	0.00
76) Chrysene-d12	21.65	240	693150	20.00	ng	0.00
87) Perylene-d12	24.84	264	776264	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	823909	125.70	ng	0.00
7) Phenol-d6	7.20	99	1130006	128.17	ng	0.00
23) Nitrobenzene-d5	9.20	82	684044	91.93	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	412367	126.95	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1607931	86.39	ng	0.00
79) Terphenyl-d14	20.01	244	2496869	84.18	ng	0.00
Target Compounds						
9) Benzaldehyde	7.20	77	1995	Below Cal	Qvalue	
19) n-Nitroso-di-n-propylamine	9.20	70	92434	14.345 ng	#	3
51) 2,6-Dinitrotoluene	14.67	165	37200	7.748 ng	#	26
57) 2,4-Dinitrotoluene	14.67	165	37200	5.861 ng	#	28
65) 4,6-Dinitro-2-methylphenol	16.14	198	1534	7.068 ng	#	1
67) 4-Bromophenyl-phenylether	16.15	248	32867	3.909 ng	#	1

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

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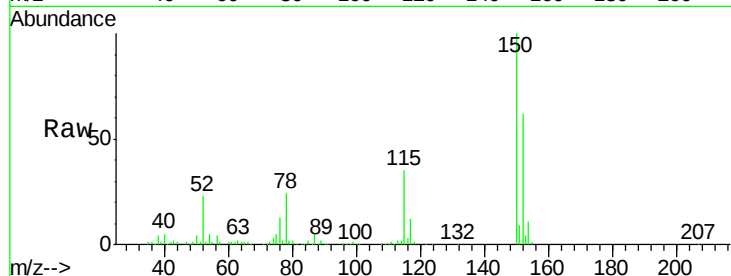


#1

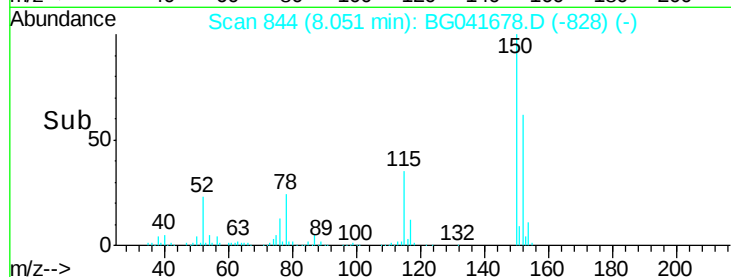
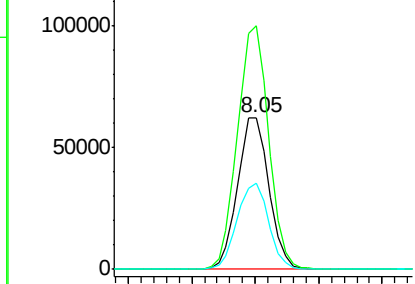
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.00 min
Lab File: BG041678.D
Acq: 17 Jul 2019 3:53

Instrument :
BNA_G
ClientSampleId :
PB121423BL

Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.4	126.9	190.3
115	56.6	45.0	67.6



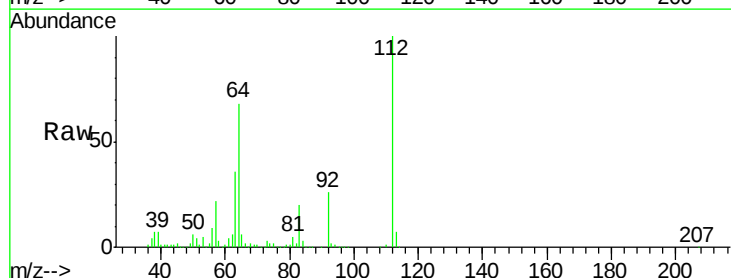
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



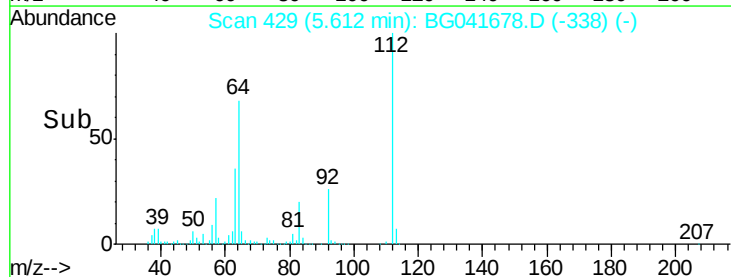
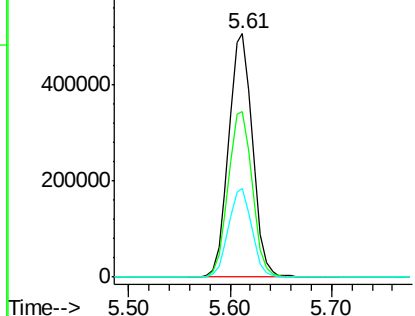
#5

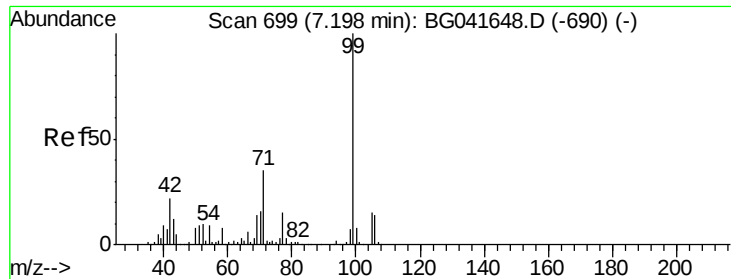
2-Fluorophenol
Concen: 125.700 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.00 min
Lab File: BG041678.D
Acq: 17 Jul 2019 3:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.9	55.4	83.2
63	36.4	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: 128.174 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG041678.D

Acq: 17 Jul 2019 3:53

Instrument :

BNA_G

ClientSampleId :

PB121423BL

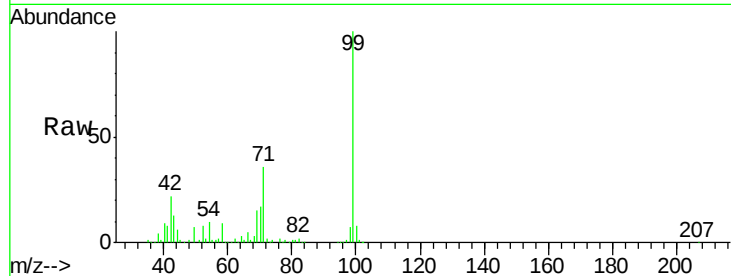
Tgt Ion: 99 Resp: 1130006

Ion Ratio Lower Upper

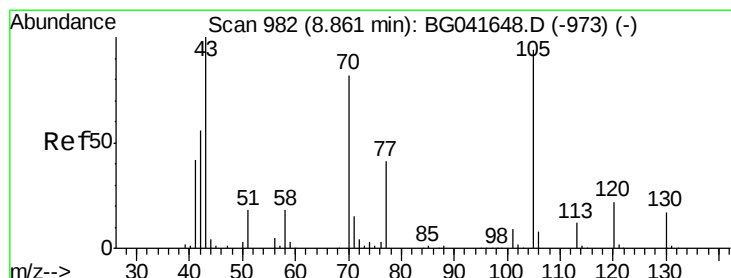
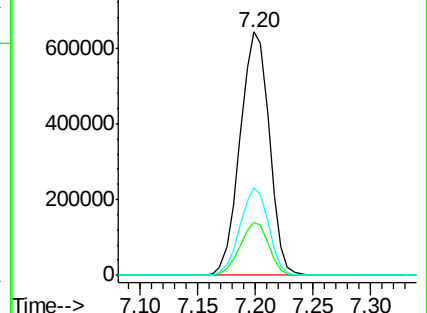
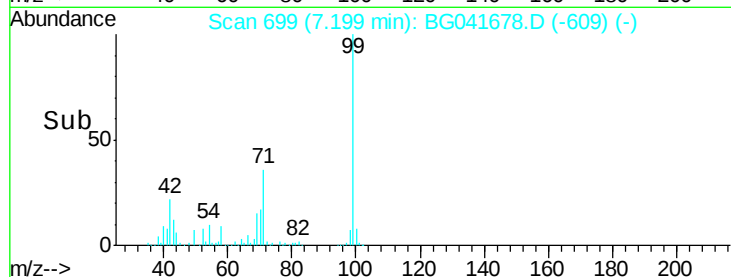
99 100

42 21.9 17.6 26.4

71 35.8 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: 14.345 ng

RT: 9.20 min Scan# 1040

Delta R.T. 0.34 min

Lab File: BG041678.D

Acq: 17 Jul 2019 3:53

Tgt Ion: 70 Resp: 92434

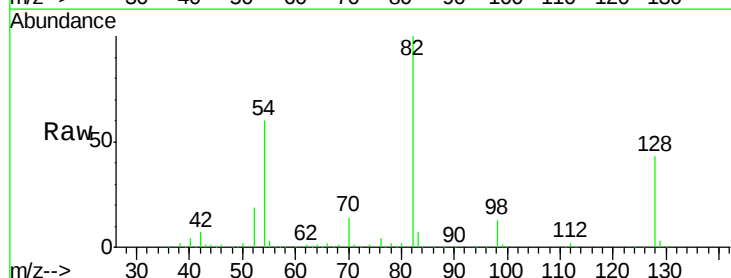
Ion Ratio Lower Upper

70 100

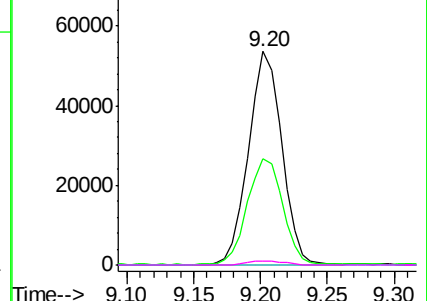
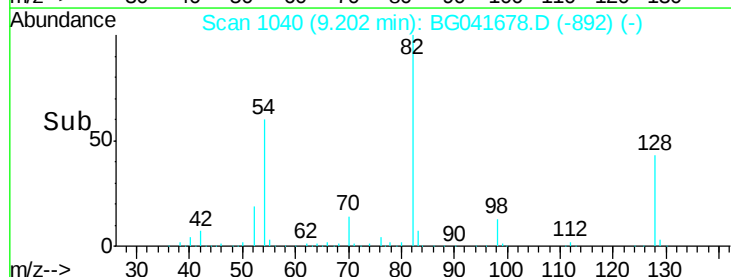
42 49.9 55.8 83.6#

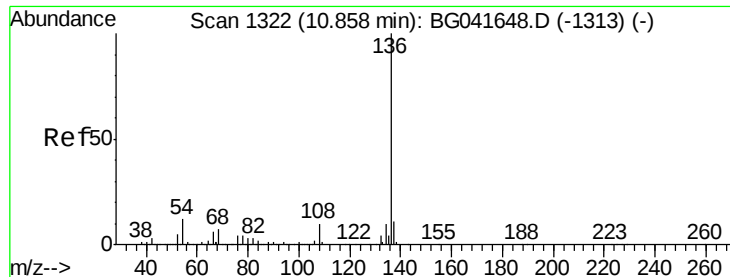
101 0.0 8.1 12.1#

130 2.1 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

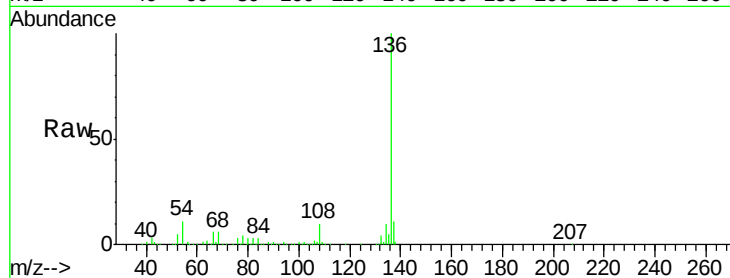




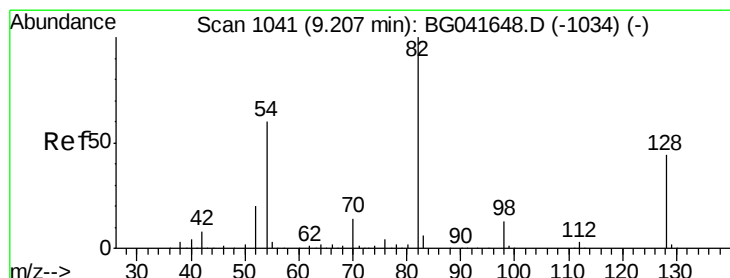
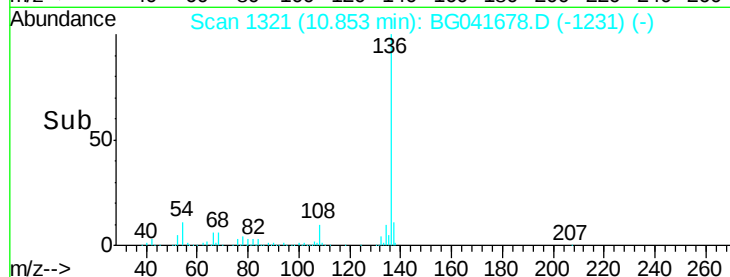
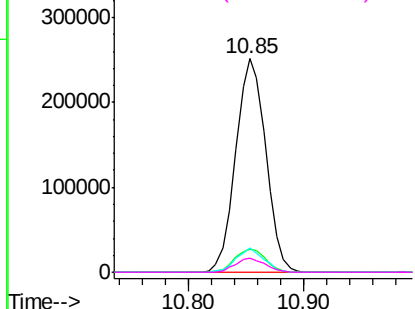
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BG041678.D
Acq: 17 Jul 2019 3:53

Instrument :
BNA_G
ClientSampleId :
PB121423BL

Tgt Ion:	136	Resp:	452531
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	11.2	8.7	13.1
68	6.5	5.5	8.3

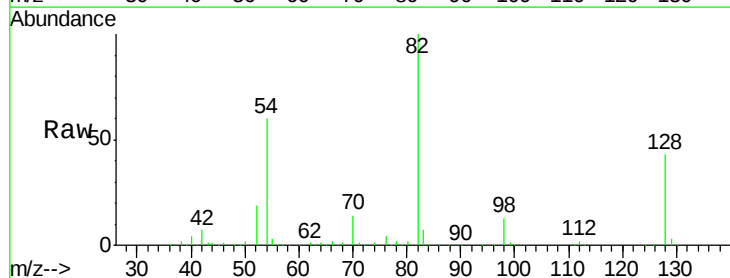


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

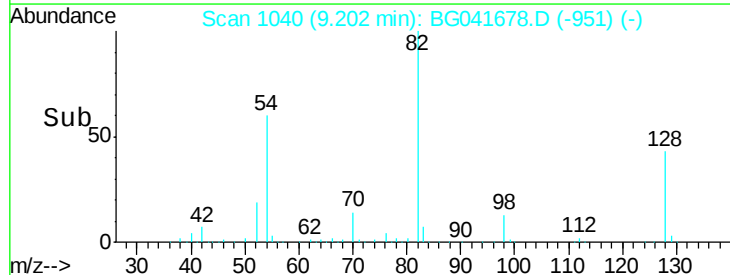
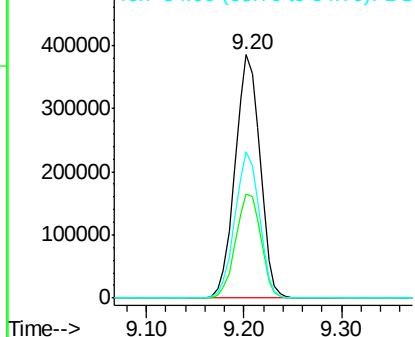


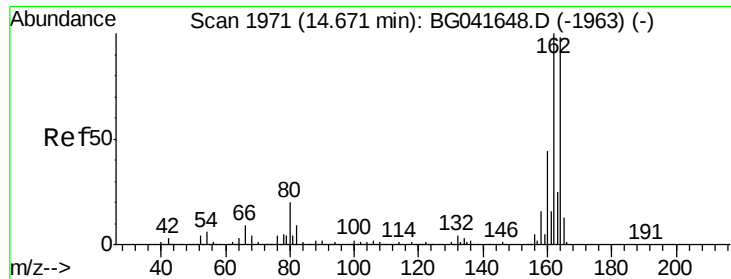
#23
Nitrobenzene-d5
Concen: 91.928 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BG041678.D
Acq: 17 Jul 2019 3:53

Tgt Ion:	82	Resp:	684044
Ion	Ratio	Lower	Upper
82	100		
128	42.6	35.1	52.7
54	60.1	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: 14.67 min Scan# 1970

Delta R.T. -0.00 min

Lab File: BG041678.D

Acq: 17 Jul 2019 3:53

Instrument :

BNA_G

ClientSampleId :

PB121423BL

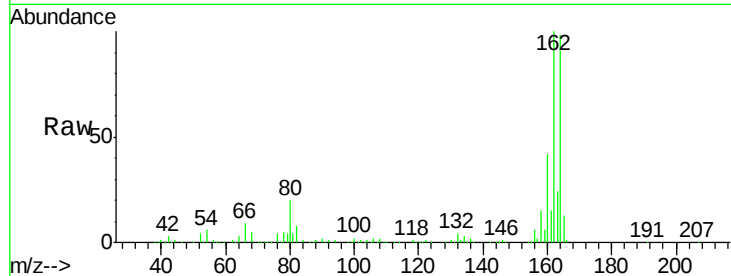
Tgt Ion:164 Resp: 288224

Ion Ratio Lower Upper

164 100

162 101.6 79.6 119.4

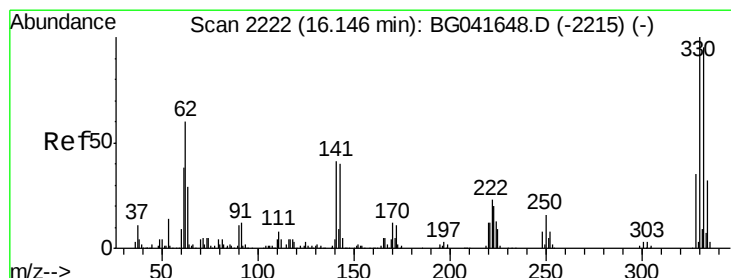
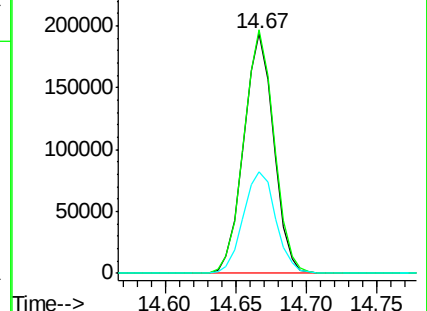
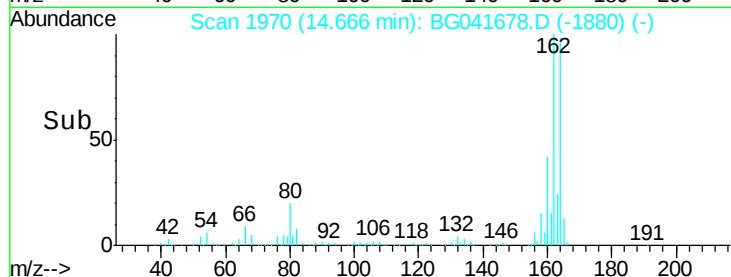
160 42.5 35.4 53.0



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: 126.951 ng

RT: 16.15 min Scan# 2222

Delta R.T. -0.00 min

Lab File: BG041678.D

Acq: 17 Jul 2019 3:53

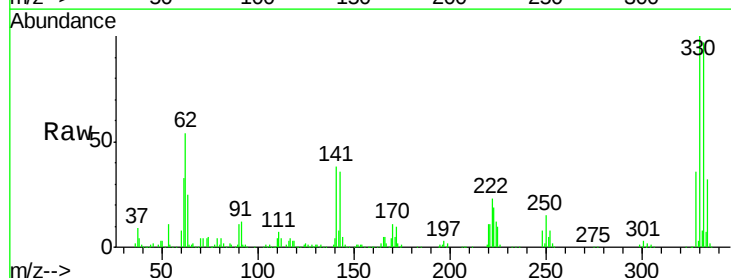
Tgt Ion:330 Resp: 412367

Ion Ratio Lower Upper

330 100

332 97.1 77.4 116.0

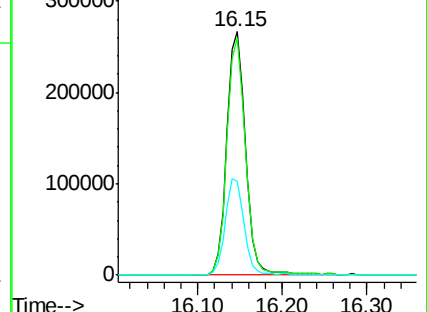
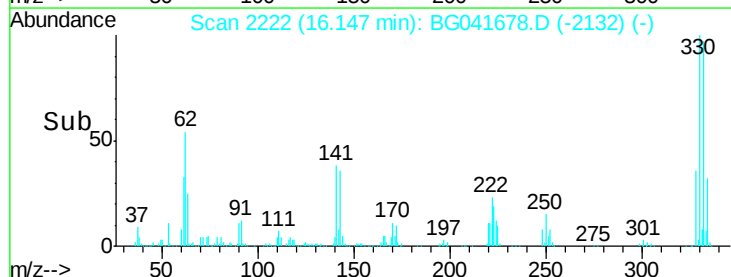
141 39.9 31.9 47.9

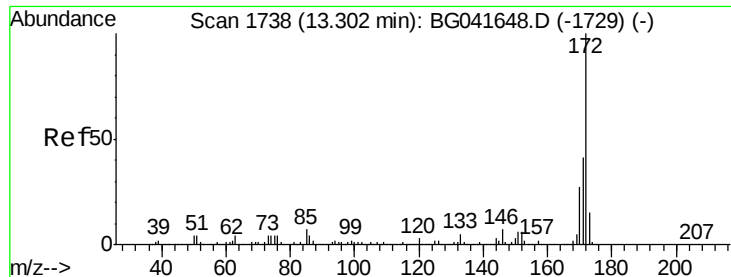


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

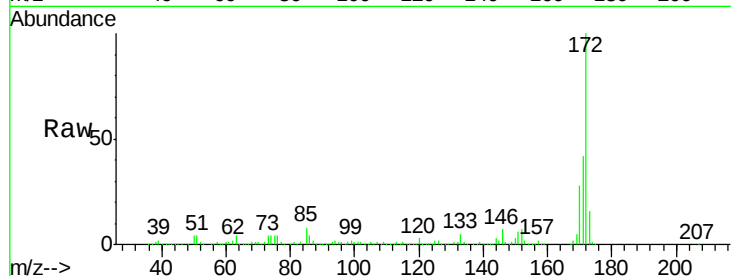




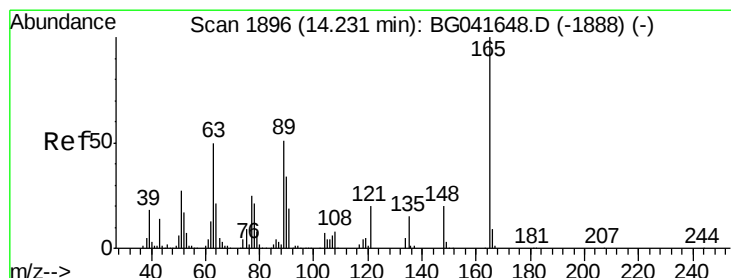
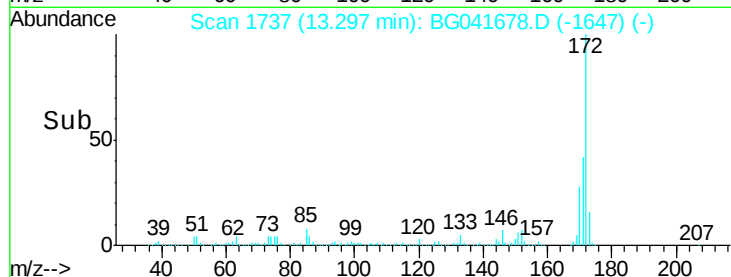
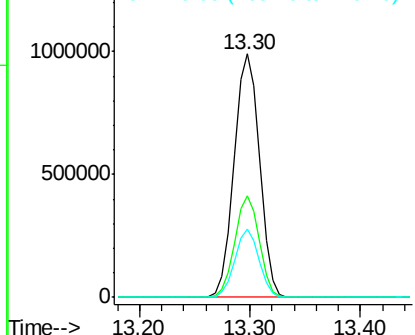
#45
2-Fluorobiphenyl
Concen: 86.387 ng
RT: 13.30 min Scan# 1737
Delta R.T. -0.00 min
Lab File: BG041678.D
Acq: 17 Jul 2019 3:53

Instrument :
BNA_G
ClientSampleId :
PB121423BL

Tgt Ion:172 Resp: 1607931
Ion Ratio Lower Upper
172 100
171 41.7 35.0 52.4
170 27.9 23.5 35.3

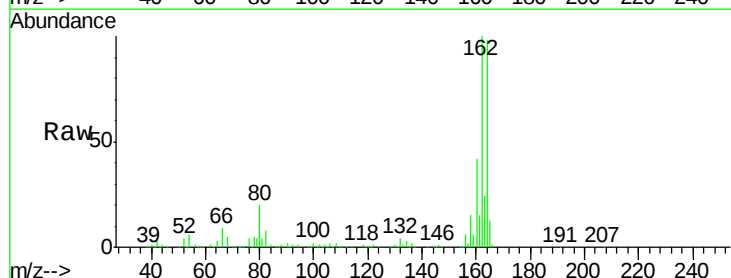


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

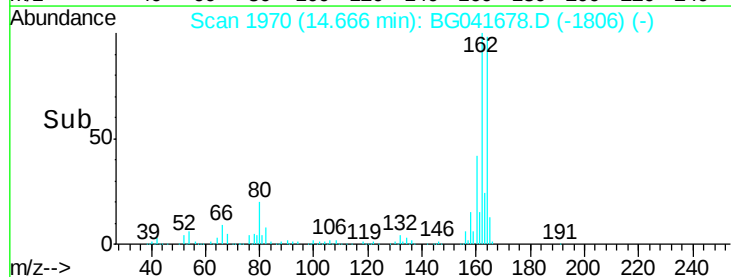
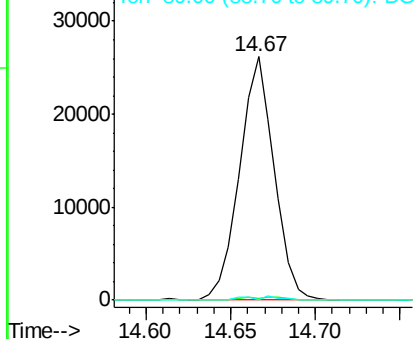


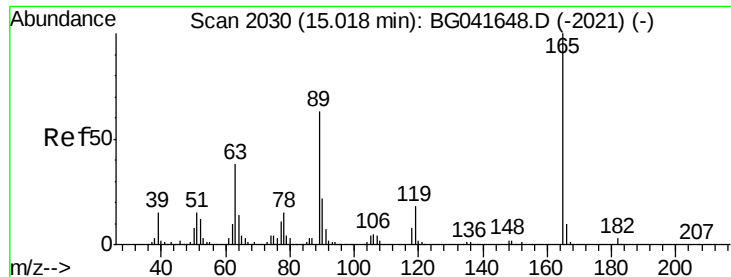
#51
2,6-Dinitrotoluene
Concen: 7.748 ng
RT: 14.67 min Scan# 1970
Delta R.T. 0.43 min
Lab File: BG041678.D
Acq: 17 Jul 2019 3:53

Tgt Ion:165 Resp: 37200
Ion Ratio Lower Upper
165 100
63 0.9 42.4 63.6#
89 0.0 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

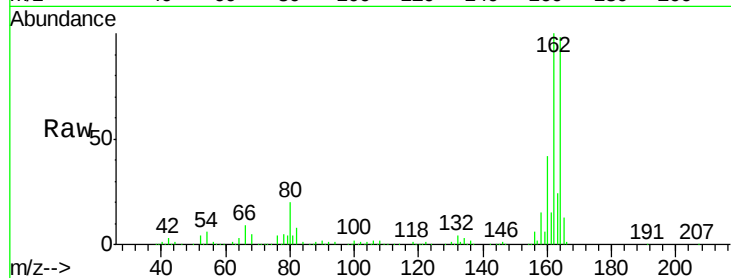




#57
 2,4-Dinitrotoluene
 Concen: 5.861 ng
 RT: 14.67 min Scan# 1970
 Delta R.T. -0.36 min
 Lab File: BG041678.D
 Acq: 17 Jul 2019 3:53

Instrument :
 BNA_G
 ClientSampleId :
 PB121423BL

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	31.7	47.5#
89	0.0	50.2	75.4#
182	0.0	2.6	4.0#

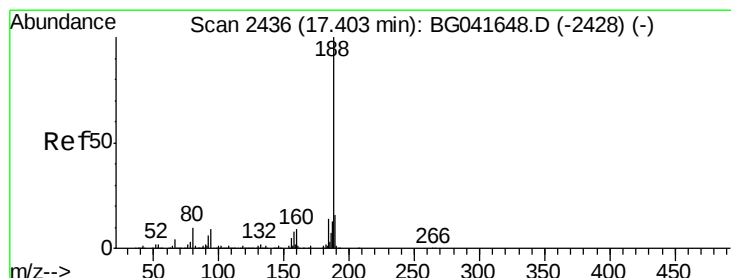
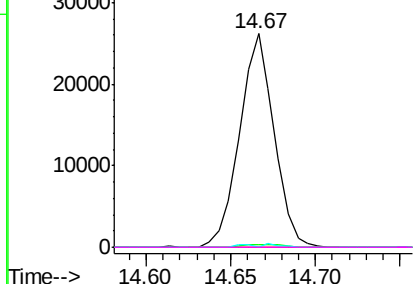
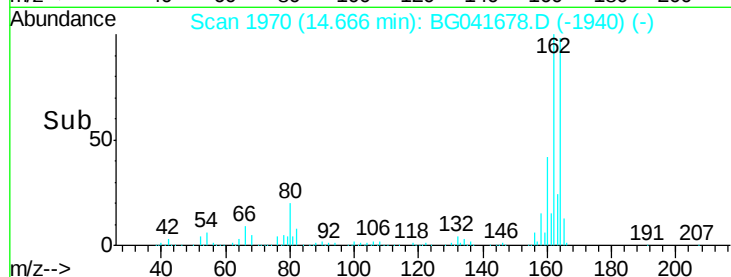


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

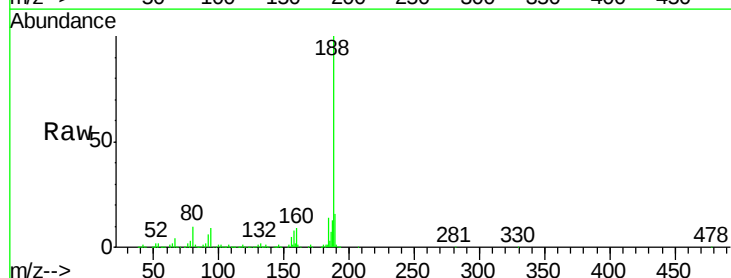
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.40 min Scan# 2435
 Delta R.T. -0.01 min
 Lab File: BG041678.D
 Acq: 17 Jul 2019 3:53

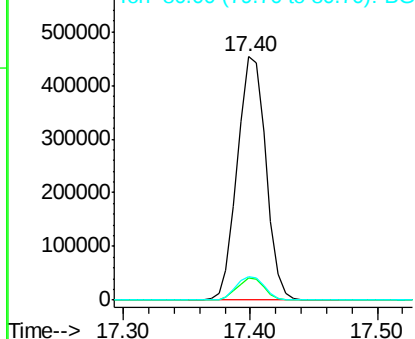
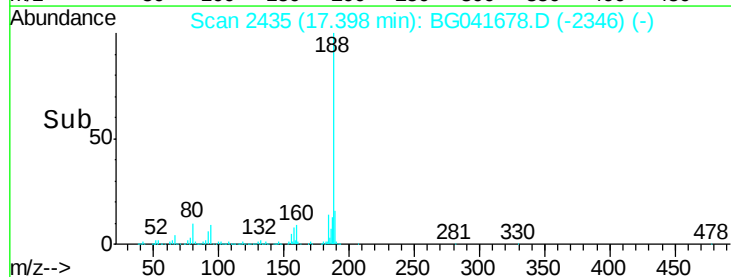
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	6.9	10.3
80	9.6	8.0	12.0

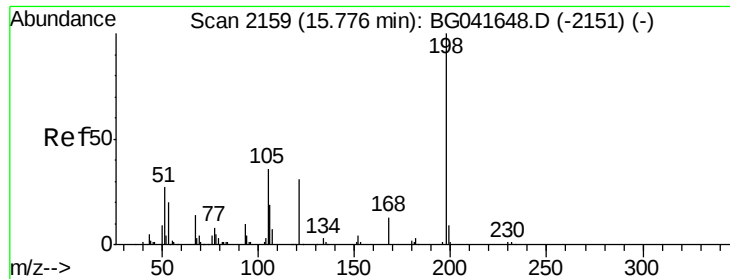


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

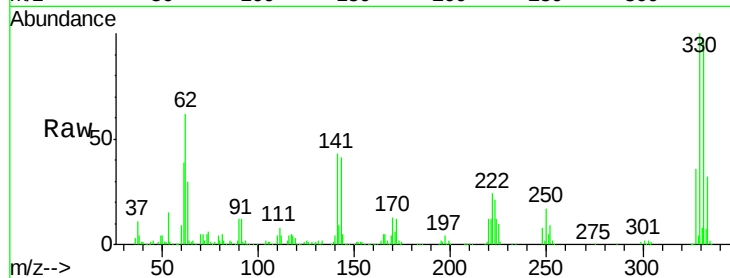




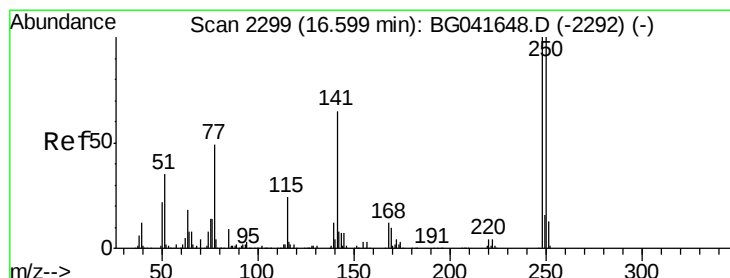
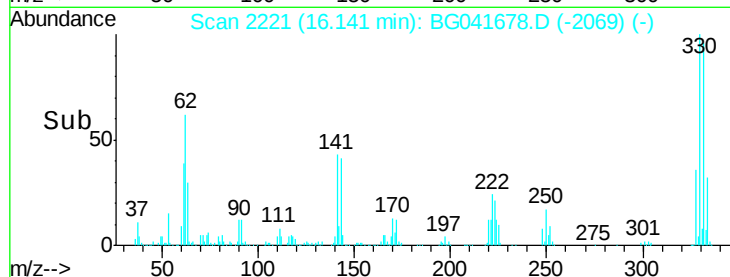
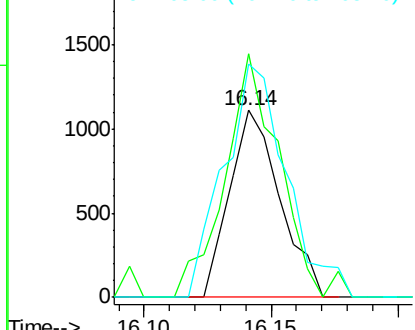
#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.068 ng
 RT: 16.14 min Scan# 2221
 Delta R.T. 0.36 min
 Lab File: BG041678.D
 Acq: 17 Jul 2019 3:53

Instrument :
 BNA_G
 ClientSampleId :
 PB121423BL

Tgt Ion:198 Resp: 1534
 Ion Ratio Lower Upper
 198 100
 51 130.2 22.3 62.3#
 105 125.0 18.0 58.0#

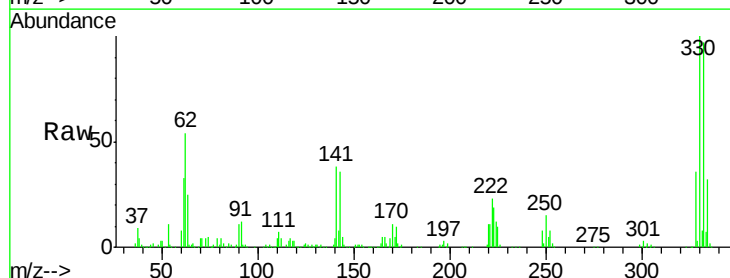


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

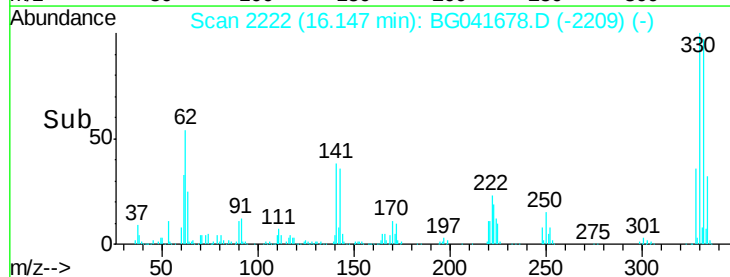
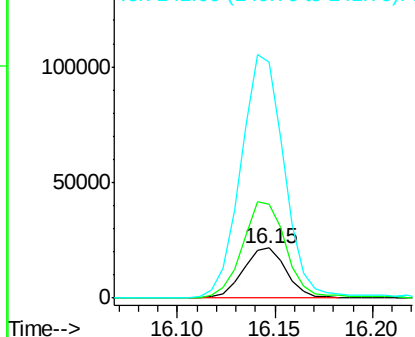


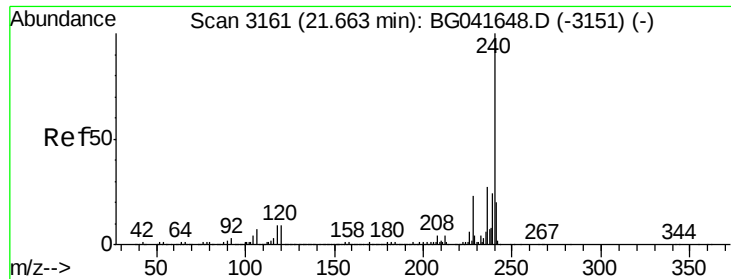
#67
 4-Bromophenyl-phenylether
 Concen: 3.909 ng
 RT: 16.15 min Scan# 2222
 Delta R.T. -0.46 min
 Lab File: BG041678.D
 Acq: 17 Jul 2019 3:53

Tgt Ion:248 Resp: 32867
 Ion Ratio Lower Upper
 248 100
 250 187.5 78.1 117.1#
 141 473.9 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: 21.65 min Scan# 3159

Delta R.T. -0.01 min

Lab File: BG041678.D

Acq: 17 Jul 2019 3:53

Instrument :

BNA_G

ClientSampleId :

PB121423BL

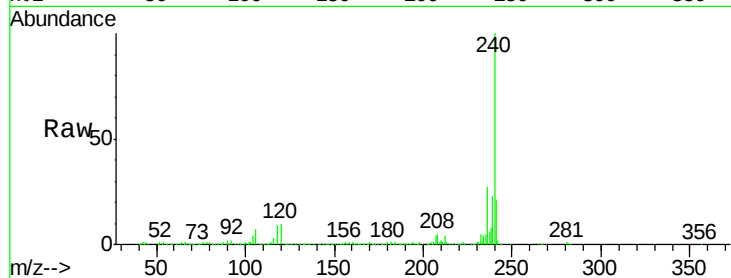
Tgt Ion:240 Resp: 693150

Ion Ratio Lower Upper

240 100

120 9.5 8.0 12.0

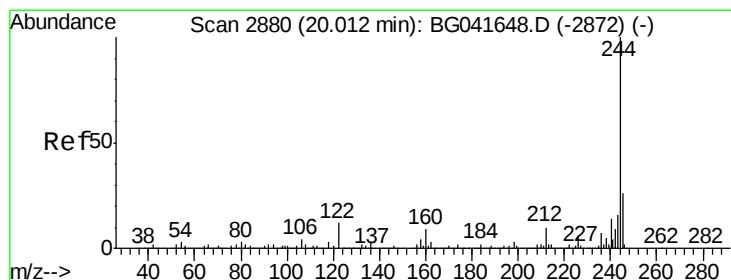
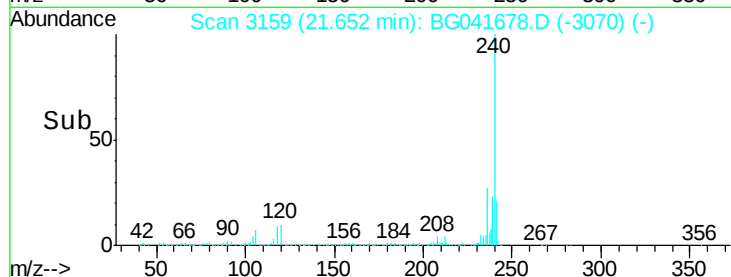
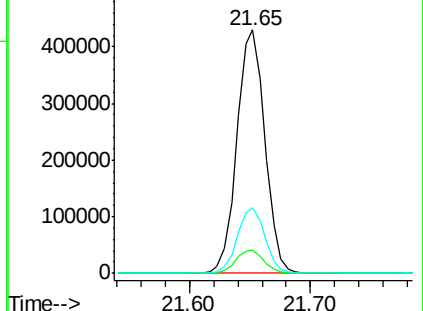
236 26.9 22.6 33.8



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: 84.179 ng

RT: 20.01 min Scan# 2879

Delta R.T. -0.00 min

Lab File: BG041678.D

Acq: 17 Jul 2019 3:53

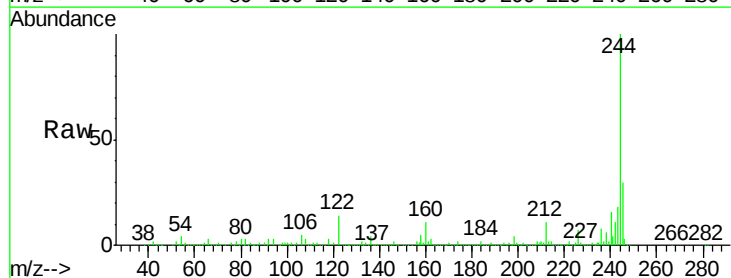
Tgt Ion:244 Resp: 2496869

Ion Ratio Lower Upper

244 100

212 11.5 9.7 14.5

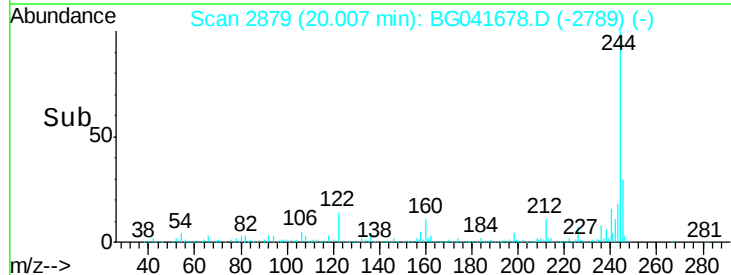
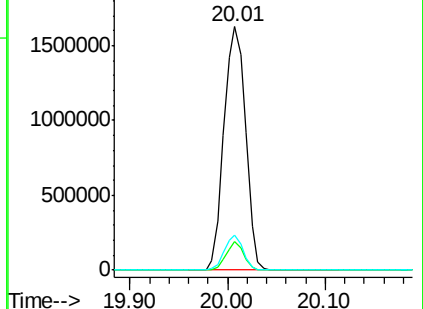
122 14.2 12.5 18.7

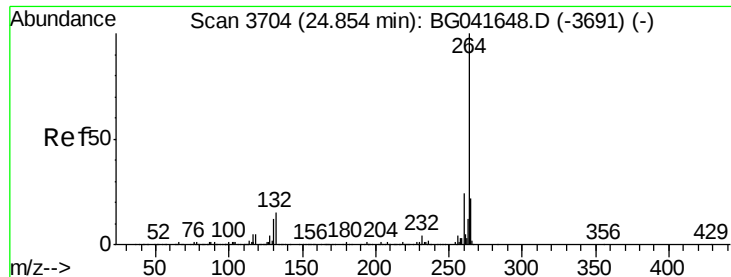


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.84 min Scan# 3702
Delta R.T. -0.02 min
Lab File: BG041678.D
Acq: 17 Jul 2019 3:53

Instrument :
BNA_G
ClientSampleId :
PB121423BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	22.7	18.0	27.0

