

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080219\
 Data File : BG041884.D
 Acq On : 2 Aug 2019 12:06
 Operator : HP/JU
 Sample : PB121894BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 02 17:55:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 08:57:26 2019
 Response via : Initial Calibration

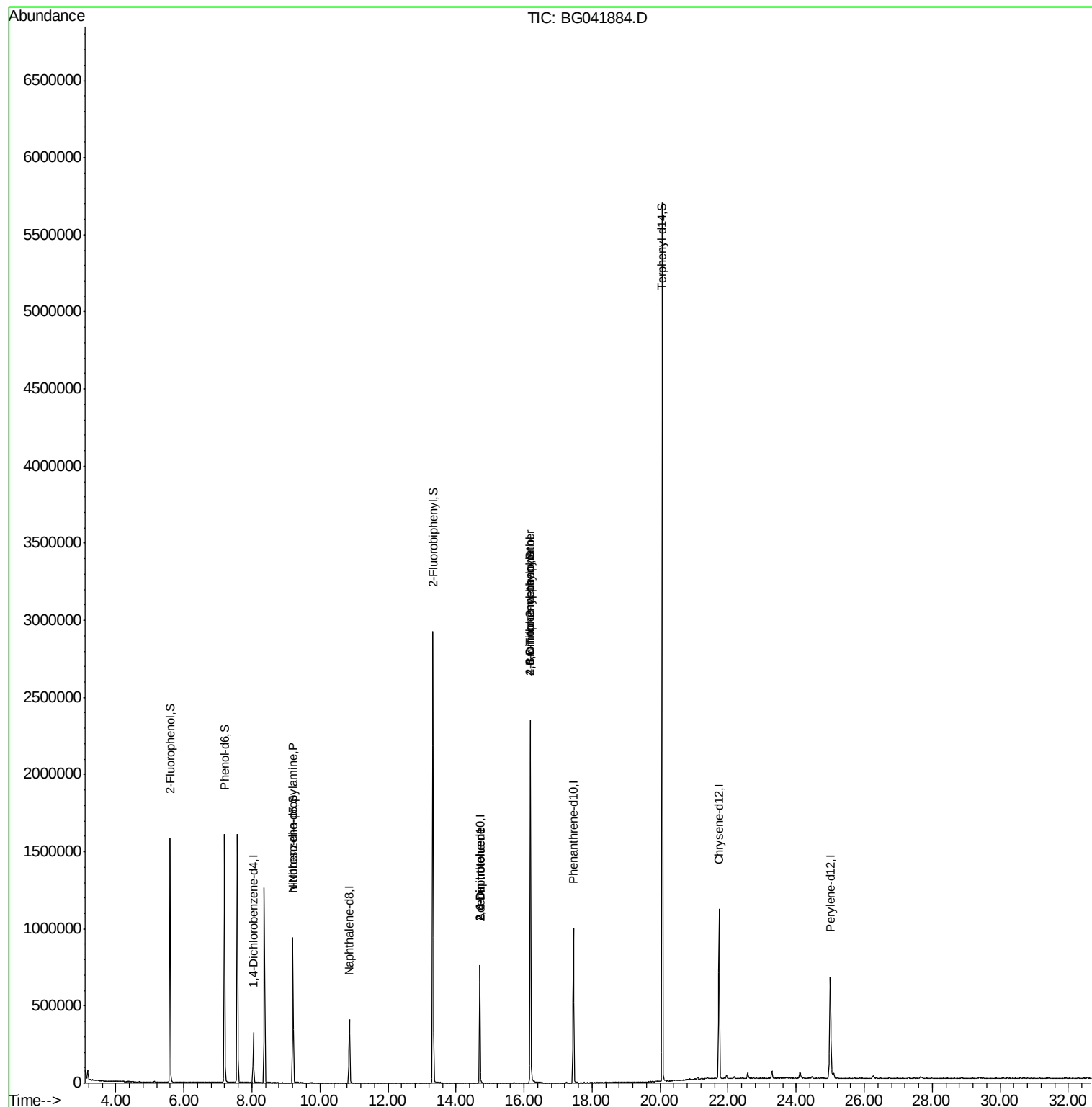
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	102028	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	401194	20.00	ng	-0.01
39) Acenaphthene-d10	14.70	164	287135	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	668405	20.00	ng	0.00
76) Chrysene-d12	21.73	240	687315	20.00	ng	0.00
87) Perylene-d12	25.00	264	777744	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	708044	135.02	ng	0.00
7) Phenol-d6	7.20	99	954140	134.96	ng	0.00
23) Nitrobenzene-d5	9.21	82	574090	98.47	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	490011	150.24	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1579070	96.99	ng	-0.01
79) Terphenyl-d14	20.06	244	2528502	84.18	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	77625	15.124	ng	# 68
51) 2,6-Dinitrotoluene	14.70	165	37253	9.085	ng	# 26
57) 2,4-Dinitrotoluene	14.70	165	37253	6.606	ng	# 28
65) 4,6-Dinitro-2-methylphenol	16.19	198	1449	7.232	ng	# 1
67) 4-Bromophenyl-phenylether	16.19	248	36906	4.482	ng	# 1

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

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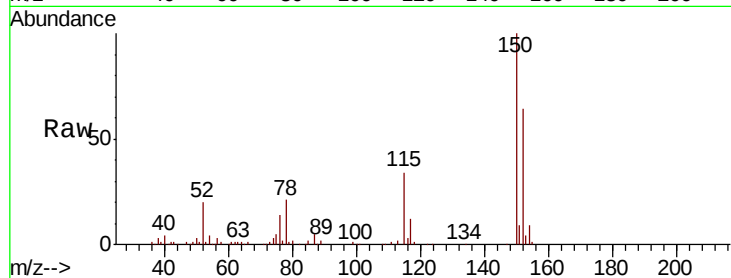


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.00 min
Lab File: BG041884.D
Acq: 2 Aug 2019 12:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion	152	Resp	102028
Ion Ratio	Lower	Upper	
152	100		
150	155.3	126.9	190.3
115	52.8	45.0	67.6

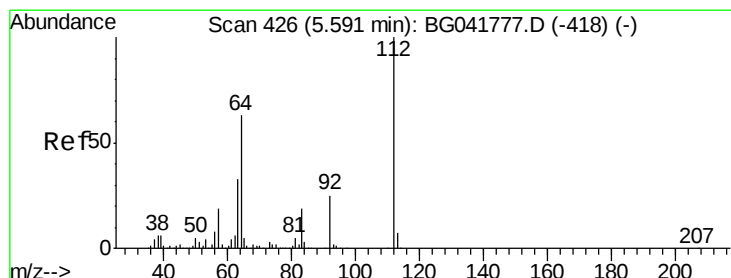
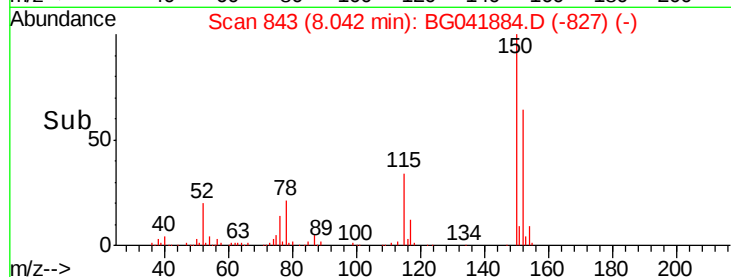
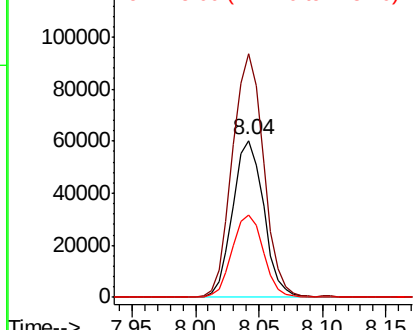


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

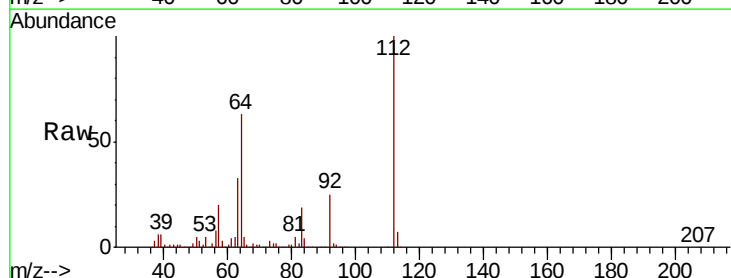
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 135.020 ng
RT: 5.59 min Scan# 426
Delta R.T. 0.00 min
Lab File: BG041884.D
Acq: 2 Aug 2019 12:06

Tgt Ion	112	Resp	708044
Ion Ratio	Lower	Upper	
112	100		
64	63.0	55.4	83.2
63	32.7	29.1	43.7

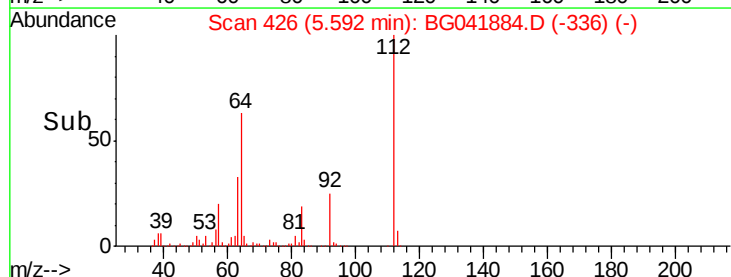
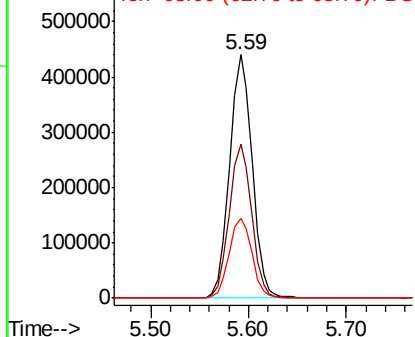


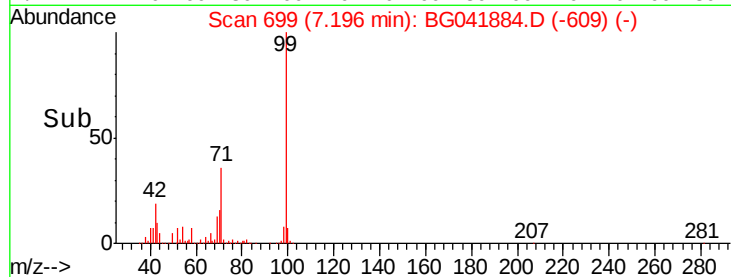
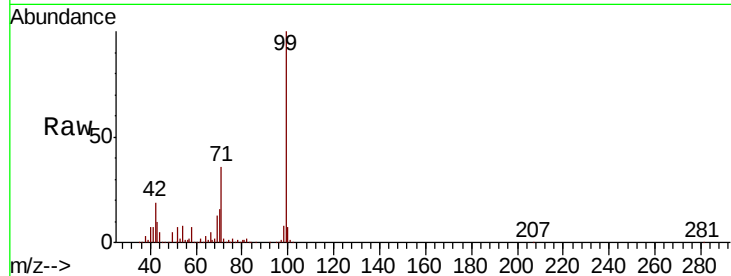
Abundance

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: 134.961 ng

RT: 7.20 min Scan# 699

Delta R.T. 0.00 min

Lab File: BG041884.D

Acq: 2 Aug 2019 12:06

Instrument :

BNA_G

ClientSampleId :

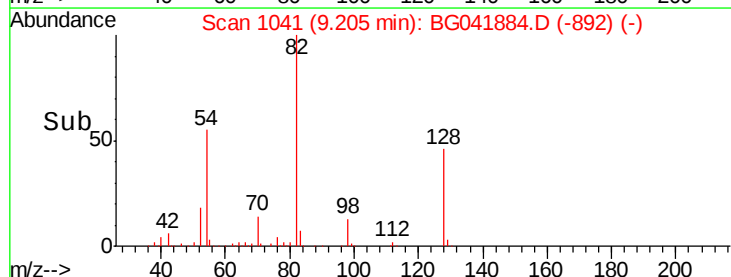
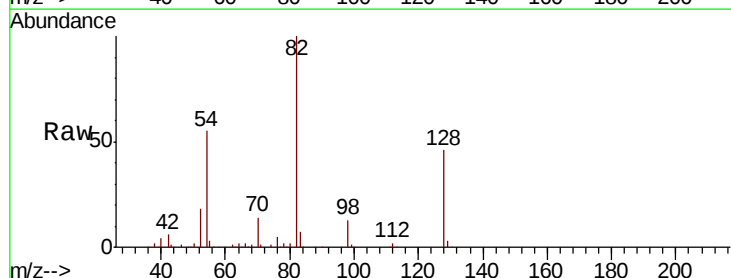
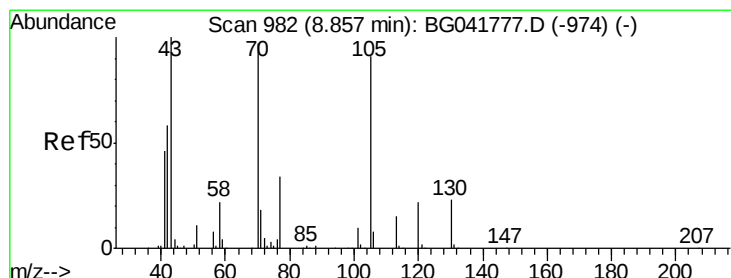
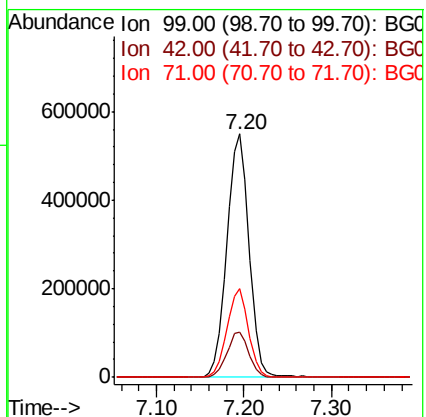
Tot Ion: 99 Resp: 954140

Ion Ratio Lower Upper

99 100

42 18.6 17.6 26.4

71 36.4 27.8 41.6



#19

n-Nitroso-di-n-propylamine

Concen: 15.124 ng

RT: 9.21 min Scan# 1041

Delta R.T. 0.35 min

Lab File: BG041884.D

Acq: 2 Aug 2019 12:06

Tgt Ion: 70 Resp: 77625

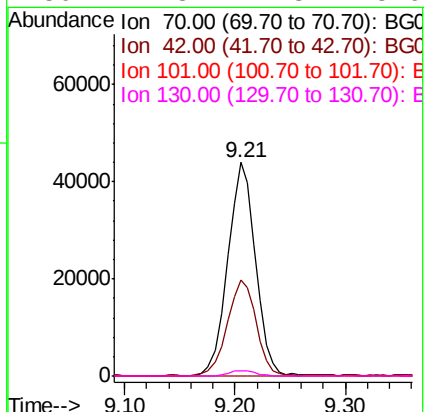
Ion Ratio Lower Upper

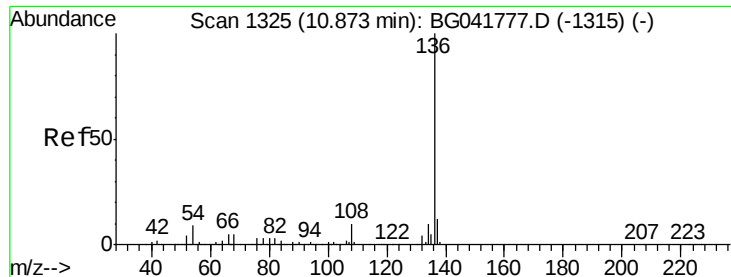
70 100

42 45.2 55.8 83.6#

101 0.0 8.1 12.1#

130 2.3 17.3 25.9#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BG041884.D

Acq: 2 Aug 2019 12:06

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 401194

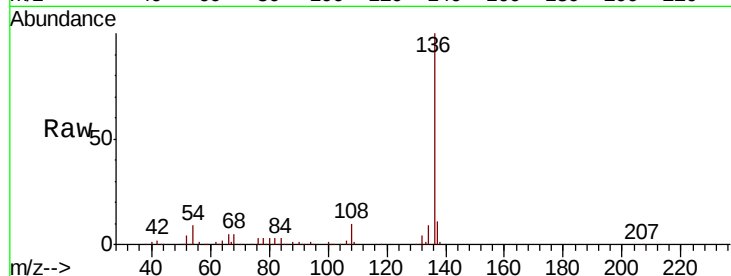
Ion Ratio Lower Upper

136 100

137 11.1 9.2 13.8

54 8.5 8.7 13.1#

68 5.2 5.5 8.3#

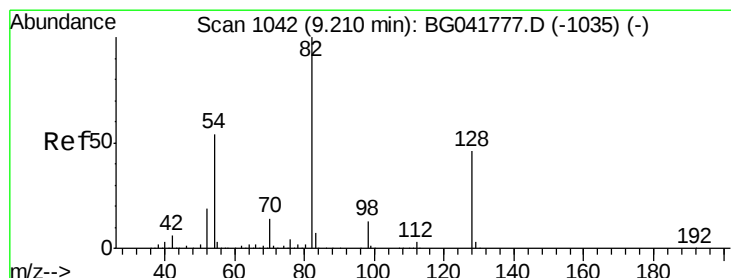
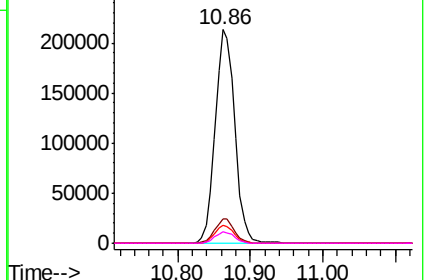
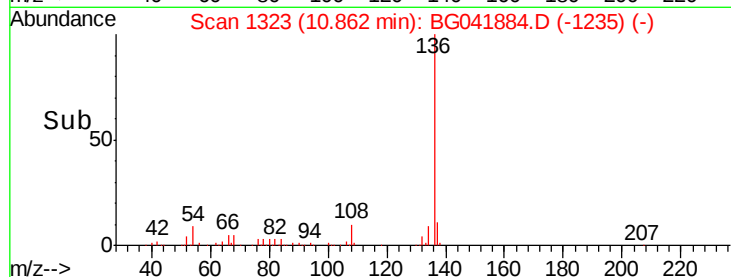


Abundance Ion 136.00 (135.70 to 136.70): E

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: 98.473 ng

RT: 9.21 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BG041884.D

Acq: 2 Aug 2019 12:06

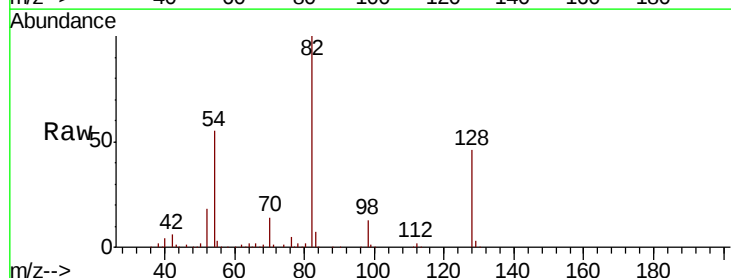
Tgt Ion: 82 Resp: 574090

Ion Ratio Lower Upper

82 100

128 46.3 35.1 52.7

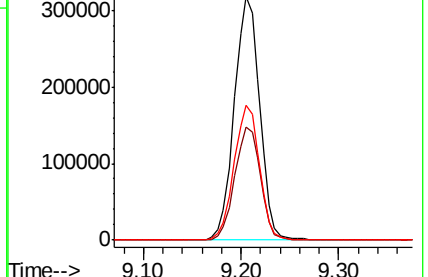
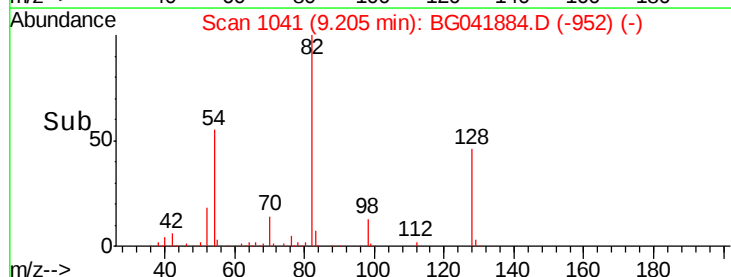
54 55.3 48.7 73.1

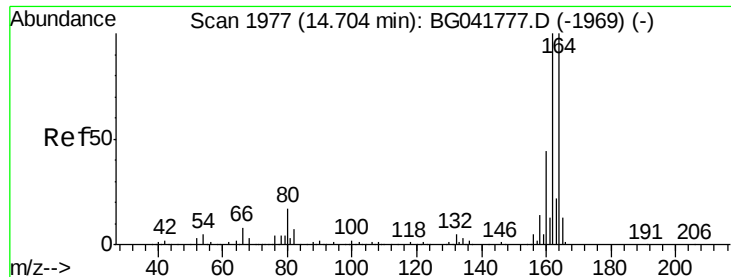


Abundance Ion 82.00 (81.70 to 82.70): BGC

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# 1976

Delta R.T. -0.00 min

Lab File: BG041884.D

Acq: 2 Aug 2019 12:06

Instrument :

BNA_G

ClientSampled :

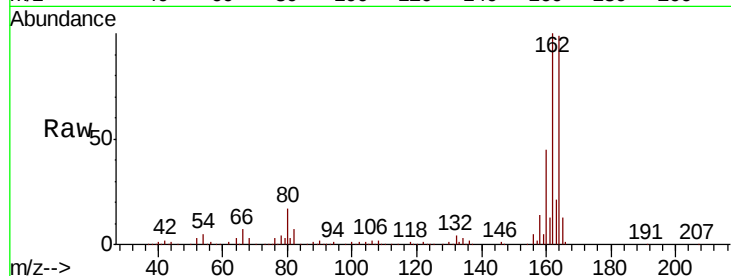
Tot Ion:164 Resp: 287135

Ion Ratio Lower Upper

164 100

162 100.8 79.6 119.4

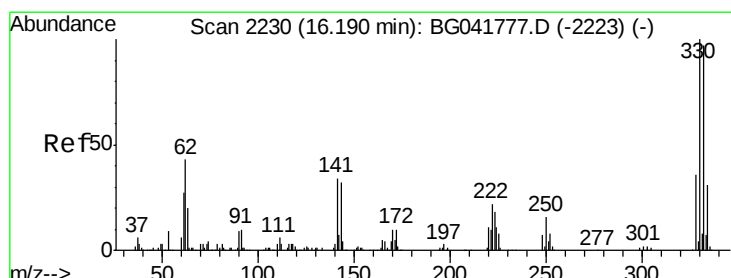
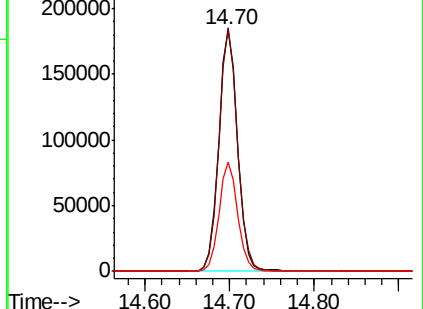
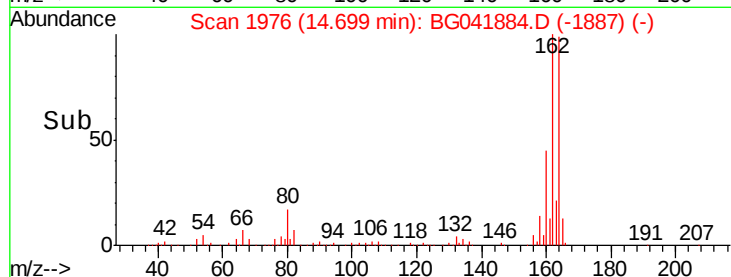
160 45.2 35.4 53.0



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: 150.243 ng

RT: 16.19 min Scan# 2229

Delta R.T. -0.00 min

Lab File: BG041884.D

Acq: 2 Aug 2019 12:06

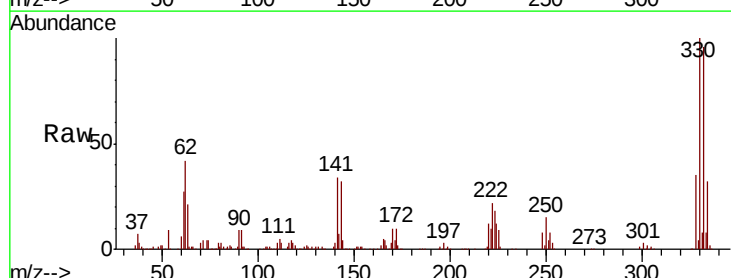
Tgt Ion:330 Resp: 490011

Ion Ratio Lower Upper

330 100

332 96.4 77.4 116.0

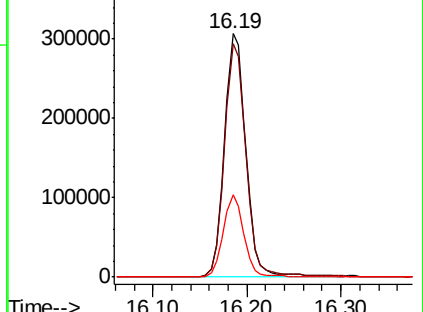
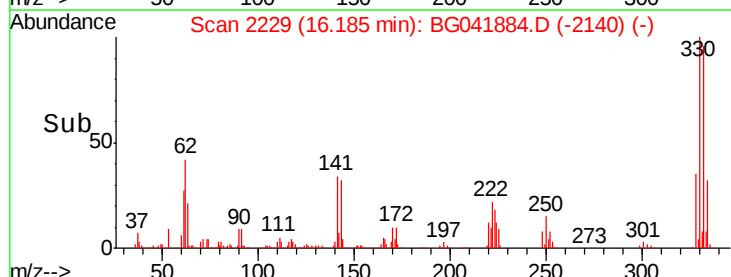
141 33.0 31.9 47.9

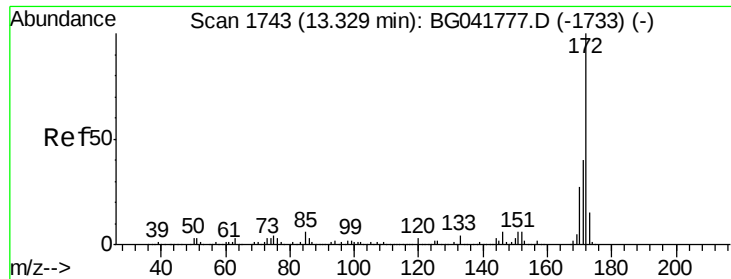


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

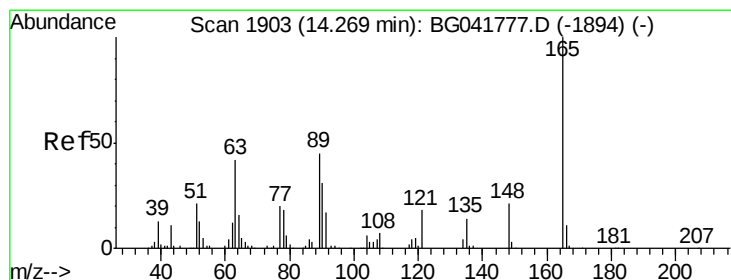
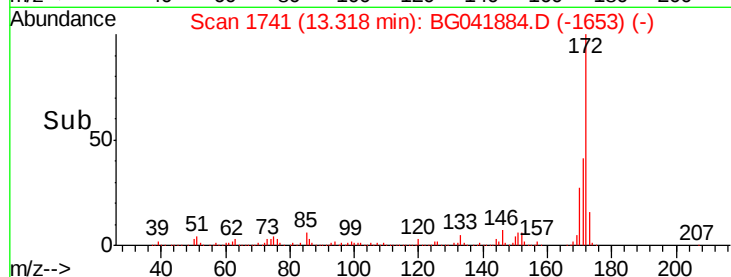
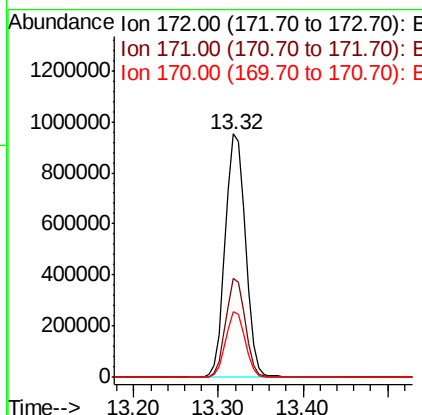
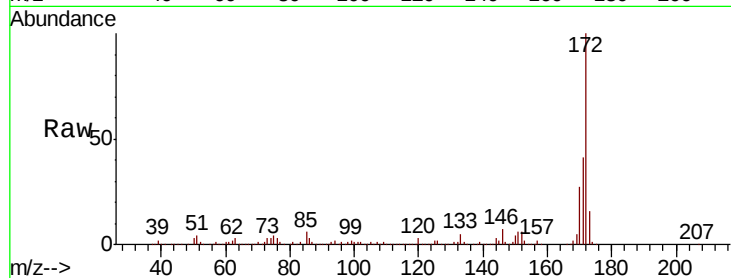




#45
 2-Fluorobiphenyl
 Concen: 96.994 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.01 min
 Lab File: BG041884.D
 Acq: 2 Aug 2019 12:06

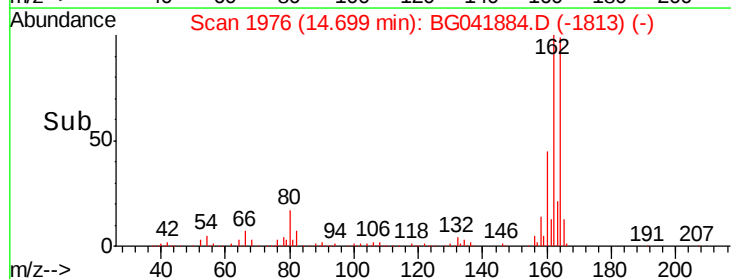
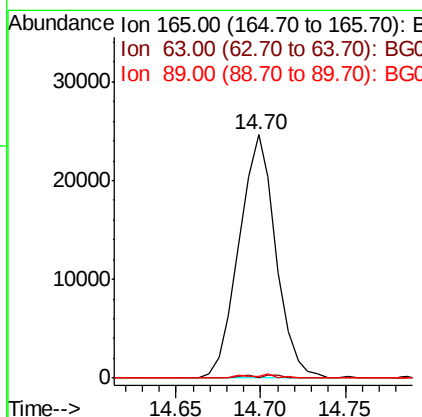
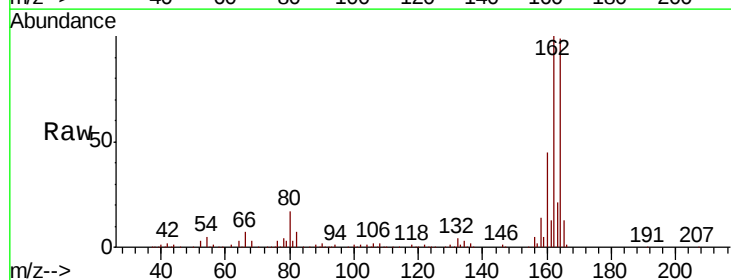
Instrument :
 BNA_G
 ClientSampleId :

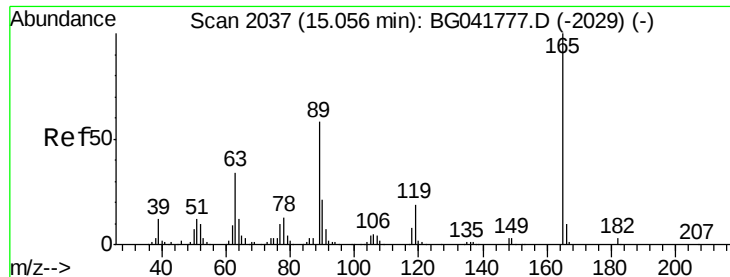
Tot Ion:172 Resp: 1579070
 Ion Ratio Lower Upper
 172 100
 171 40.7 35.0 52.4
 170 26.9 23.5 35.3



#51
 2,6-Dinitrotoluene
 Concen: 9.085 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. 0.43 min
 Lab File: BG041884.D
 Acq: 2 Aug 2019 12:06

Tgt Ion:165 Resp: 37253
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.4 63.6#
 89 0.9 42.1 63.1#





#57

2,4-Dinitrotoluene

Concen: 6.606 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.36 min

Lab File: BG041884.D

Acq: 2 Aug 2019 12:06

Instrument :

BNA_G

ClientSampleId :

Tot Ion:165 Resp: 37253

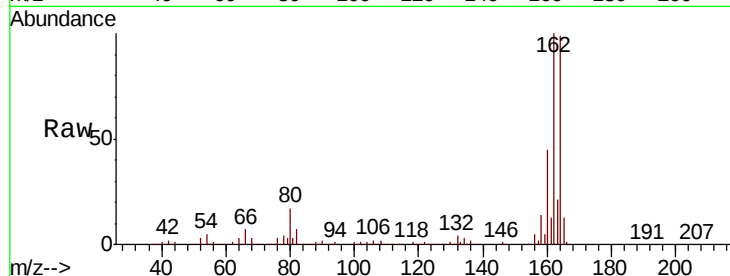
Ion Ratio Lower Upper

165 100

63 0.0 31.7 47.5#

89 0.9 50.2 75.4#

182 0.0 2.6 4.0#

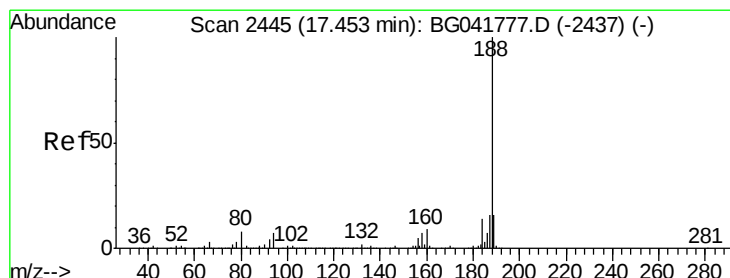
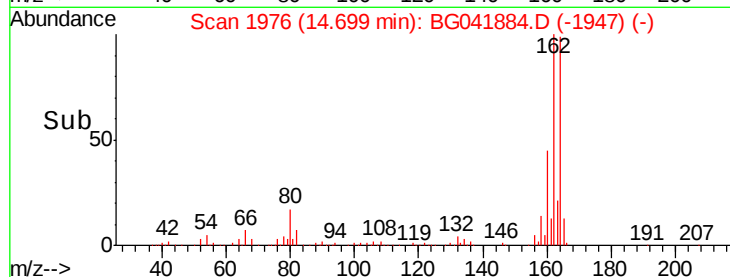
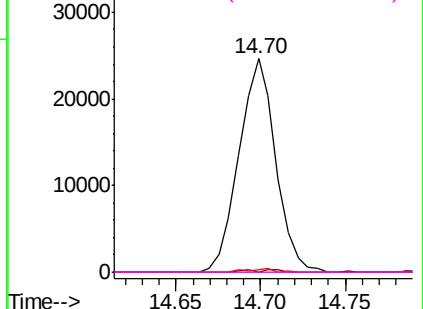


Abundance Ion 165.00 (164.70 to 165.70): E

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: 17.45 min Scan# 2444

Delta R.T. -0.00 min

Lab File: BG041884.D

Acq: 2 Aug 2019 12:06

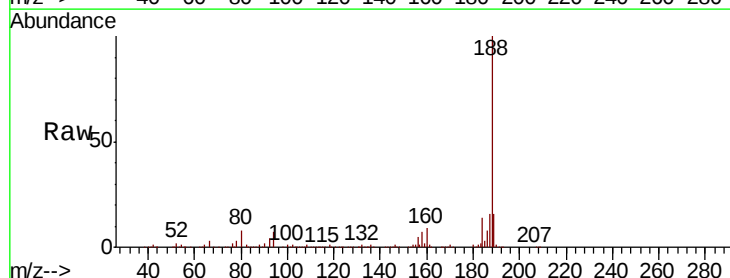
Tgt Ion:188 Resp: 668405

Ion Ratio Lower Upper

188 100

94 6.8 6.9 10.3#

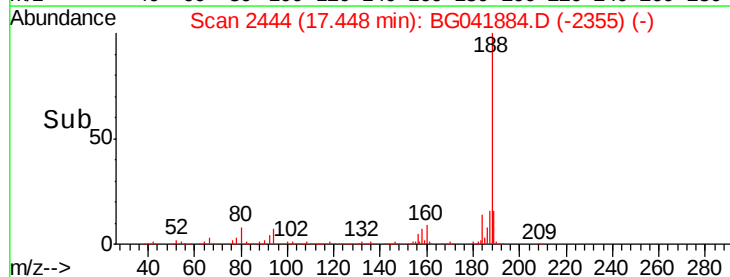
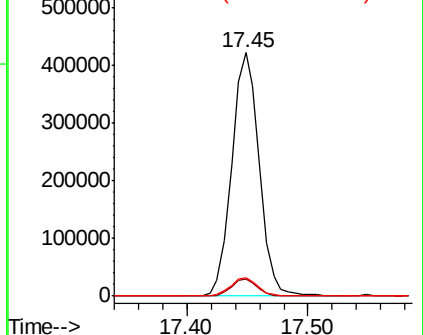
80 7.7 8.0 12.0#

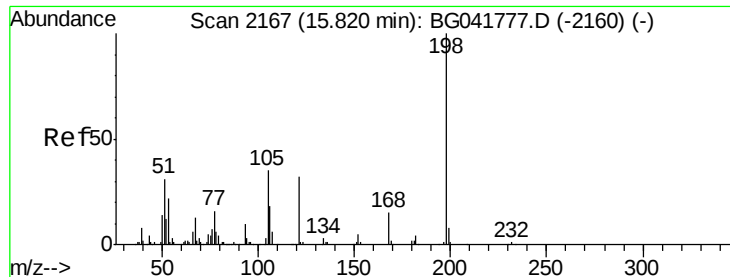


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

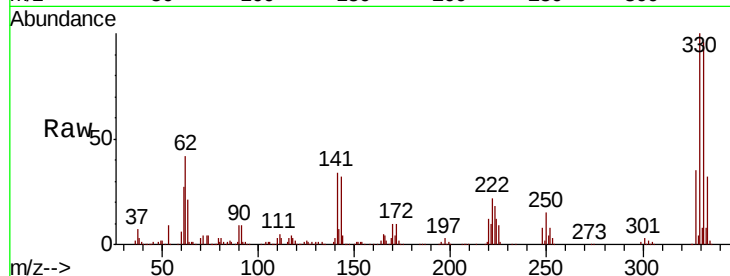




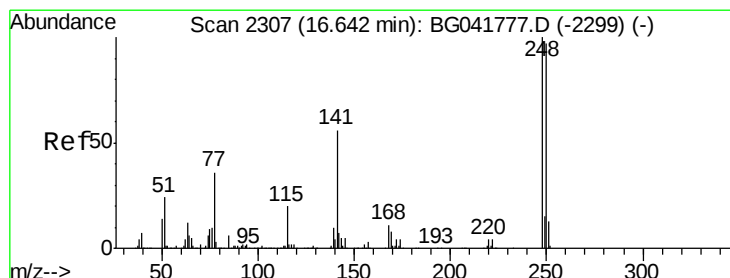
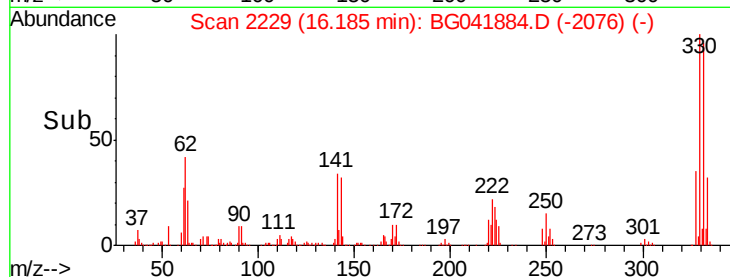
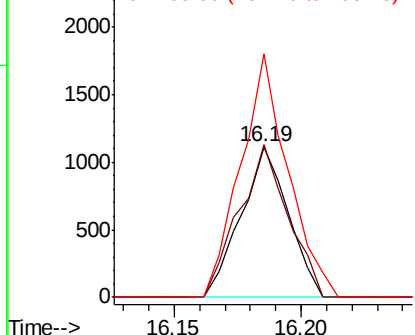
#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.232 ng
 RT: 16.19 min Scan# 2229
 Delta R.T. 0.37 min
 Lab File: BG041884.D
 Acq: 2 Aug 2019 12:06

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:198 Resp: 1449
 Ion Ratio Lower Upper
 198 100
 51 101.1 22.3 62.3#
 105 161.8 18.0 58.0#

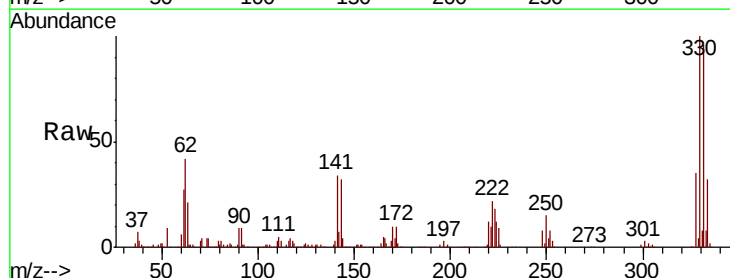


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG0
 Ion 105.00 (104.70 to 105.70): E

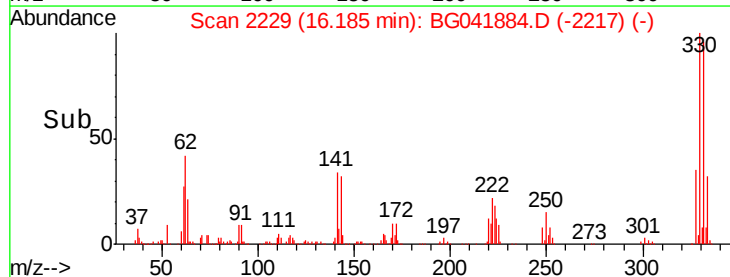
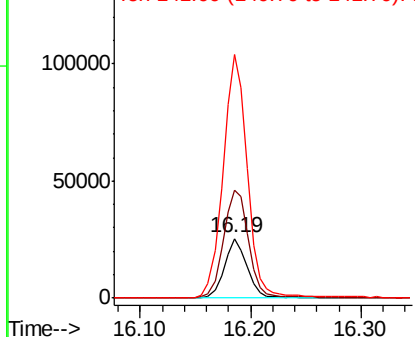


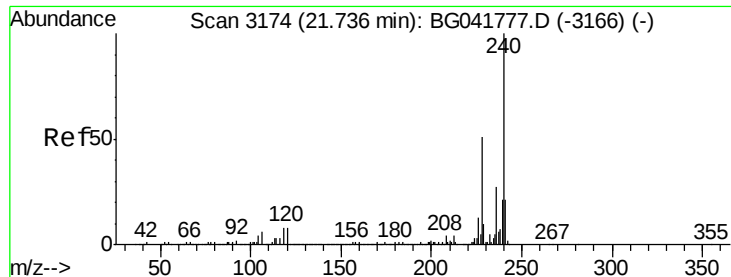
#67
 4-Bromophenyl-phenylether
 Concen: 4.482 ng
 RT: 16.19 min Scan# 2229
 Delta R.T. -0.46 min
 Lab File: BG041884.D
 Acq: 2 Aug 2019 12:06

Tgt Ion:248 Resp: 36906
 Ion Ratio Lower Upper
 248 100
 250 180.9 78.1 117.1#
 141 410.0 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

Chrvsene-d12

Concen: 20.000 ng

RT: 21.73 min Scan# 3173

Delta R.T. -0.00 min

Lab File: BG041884.D

Acq: 2 Aug 2019 12:06

Instrument :

BNA_G

ClientSampleId :

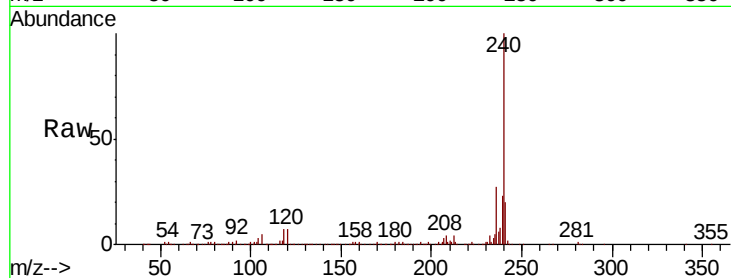
Tot Ion:240 Resp: 687315

Ion Ratio Lower Upper

240 100

120 7.4 8.0 12.0#

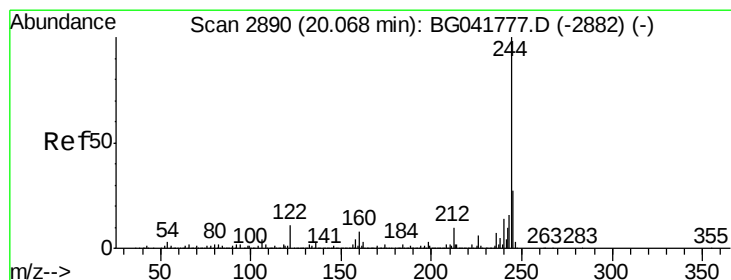
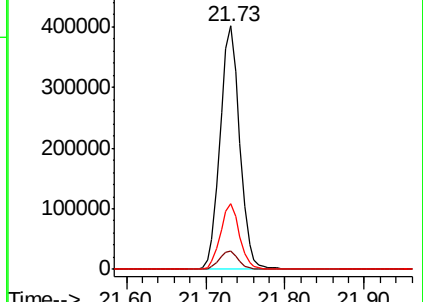
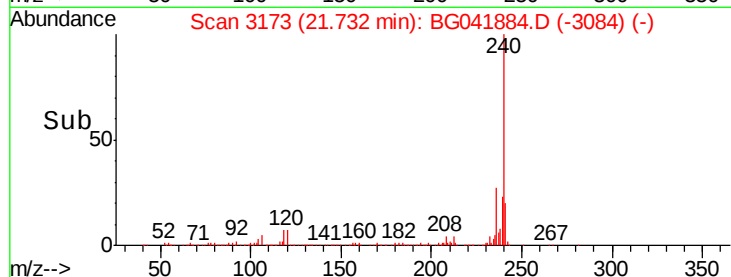
236 27.0 22.6 33.8



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: 84.181 ng

RT: 20.06 min Scan# 2889

Delta R.T. -0.00 min

Lab File: BG041884.D

Acq: 2 Aug 2019 12:06

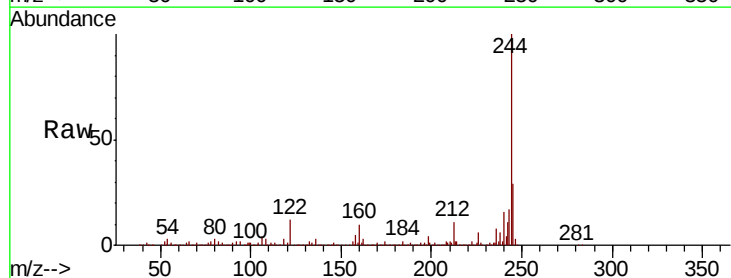
Tgt Ion:244 Resp: 2528502

Ion Ratio Lower Upper

244 100

212 10.7 9.7 14.5

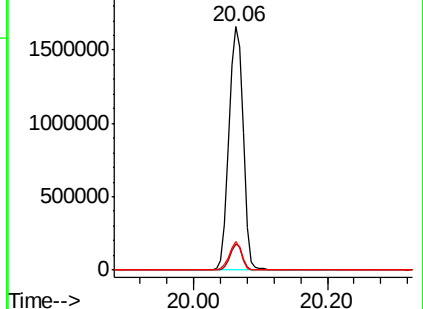
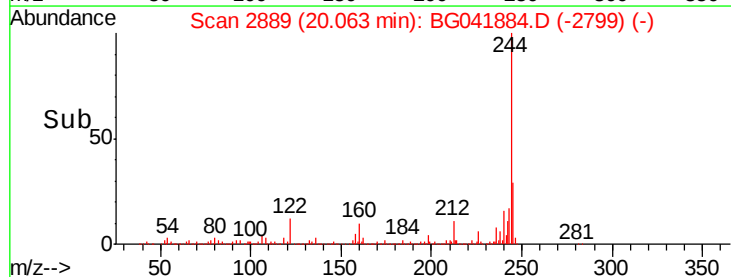
122 12.0 12.5 18.7#

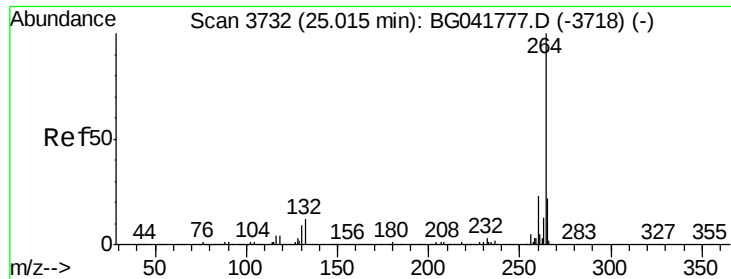


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.00 min Scan# 3730
Delta R.T. -0.01 min
Lab File: BG041884.D
Acq: 2 Aug 2019 12:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	21.2	18.0	27.0

