

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080219\
 Data File : BG041882.D
 Acq On : 2 Aug 2019 10:49
 Operator : HP/JU
 Sample : PB121888BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 02 17:55:05 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

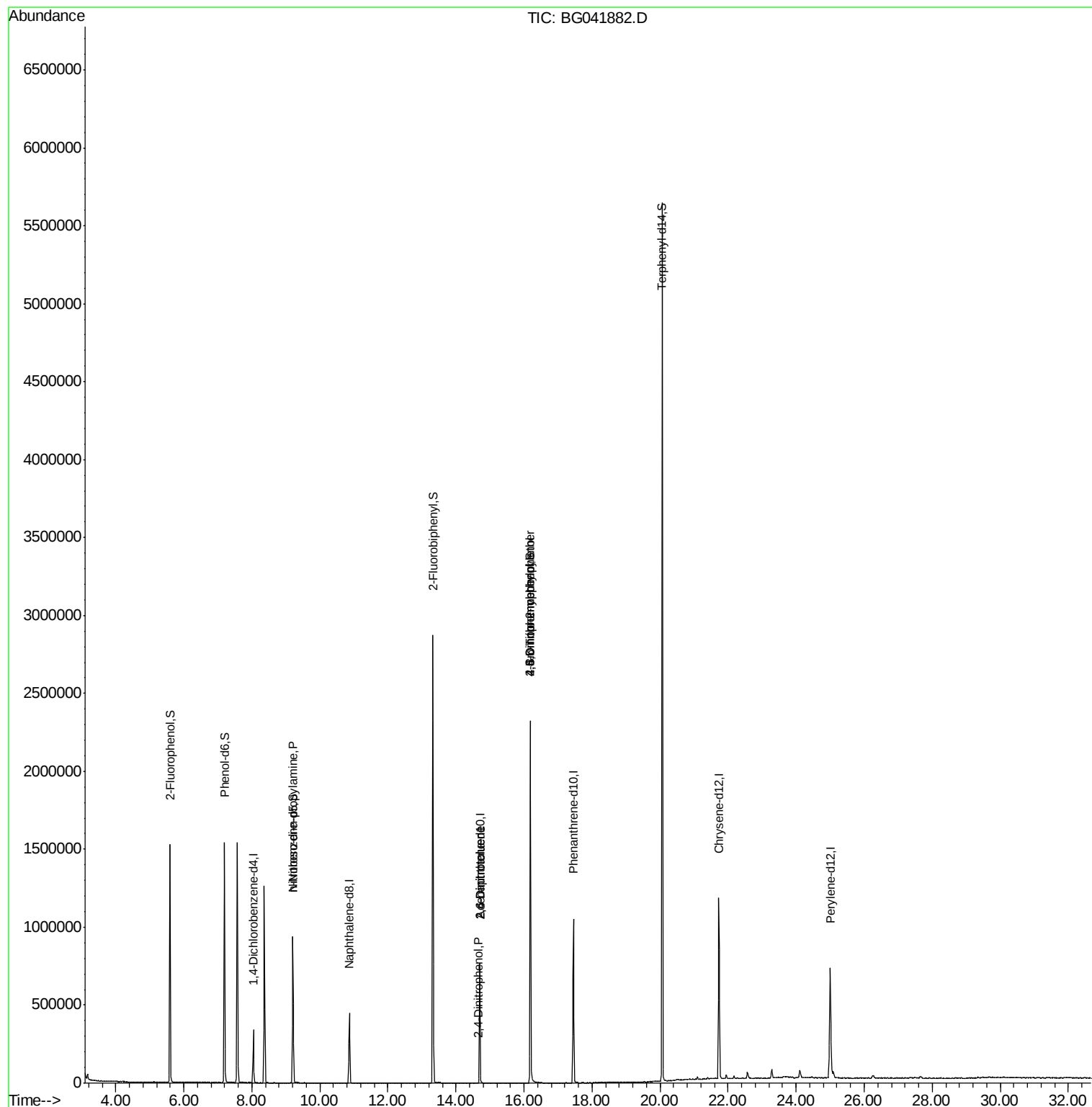
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	105997	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	412849	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	296989	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	692568	20.00	ng	0.00
76) Chrysene-d12	21.73	240	726010	20.00	ng	0.00
87) Perylene-d12	25.00	264	824528	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	694136	127.41	ng	0.00
7) Phenol-d6	7.19	99	937167	127.60	ng	0.00
23) Nitrobenzene-d5	9.21	82	567365	94.57	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	494003	146.44	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1540257	91.47	ng	0.00
79) Terphenyl-d14	20.07	244	2510596	79.13	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	74880	14.043	ng	# 69
51) 2,6-Dinitrotoluene	14.70	165	38608	9.103	ng	# 27
54) 2,4-Dinitrophenol	14.64	184	54	3.279	ng	# 21
57) 2,4-Dinitrotoluene	14.70	165	38608	6.619	ng	# 29
65) 4,6-Dinitro-2-methylphenol	16.19	198	1335	7.190	ng	# 1
67) 4-Bromophenyl-phenylether	16.19	248	37814	4.432	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080219\
Data File : BG041882.D
Acq On : 2 Aug 2019 10:49
Operator : HP/JU
Sample : PB121888BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Aug 02 17:55:05 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



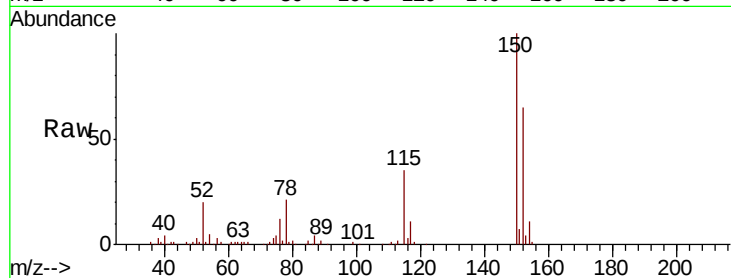


#1

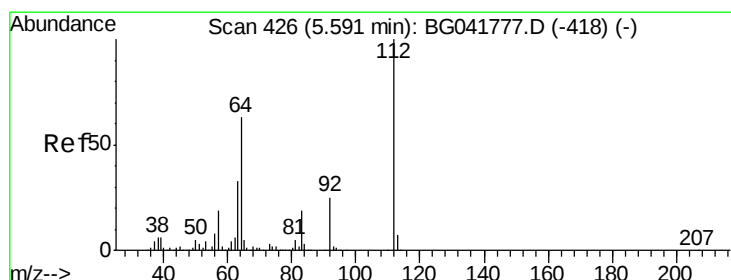
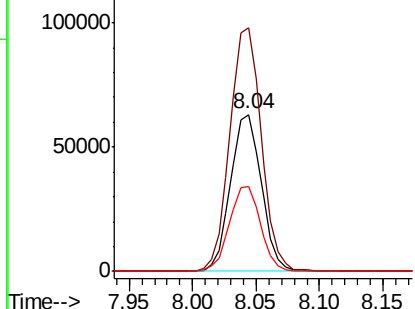
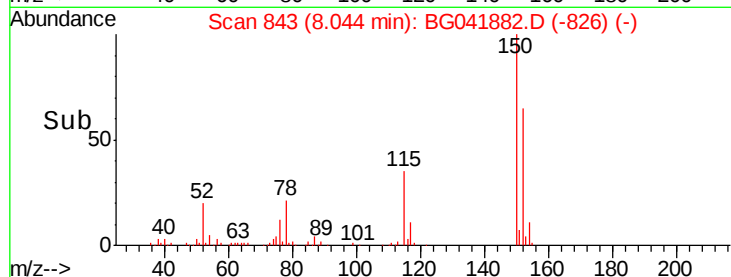
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.00 min
Lab File: BG041882.D
Acq: 2 Aug 2019 10:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	126.9	190.3
115	54.4	45.0	67.6



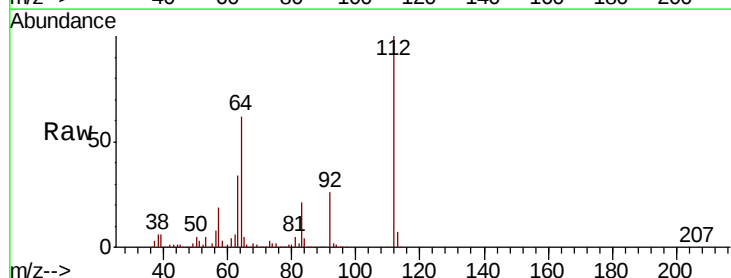
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



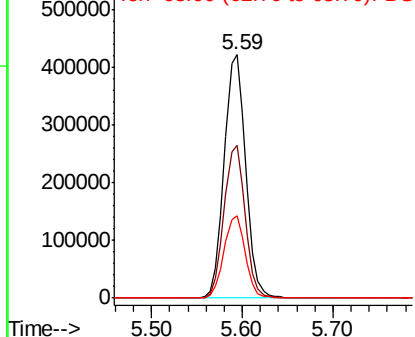
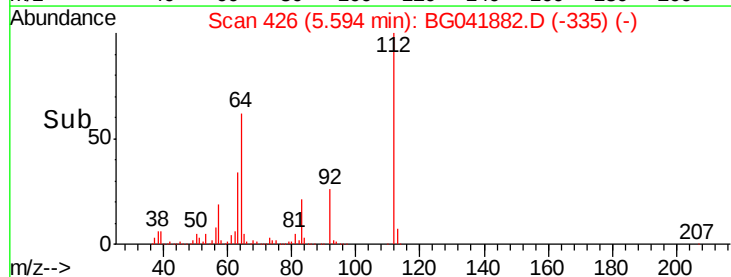
#5

2-Fluorophenol
Concen: 127.412 ng
RT: 5.59 min Scan# 426
Delta R.T. 0.00 min
Lab File: BG041882.D
Acq: 2 Aug 2019 10:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.5	55.4	83.2
63	33.7	29.1	43.7



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: 127.597 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG041882.D

Acq: 2 Aug 2019 10:49

Instrument :

BNA_G

ClientSampleId :

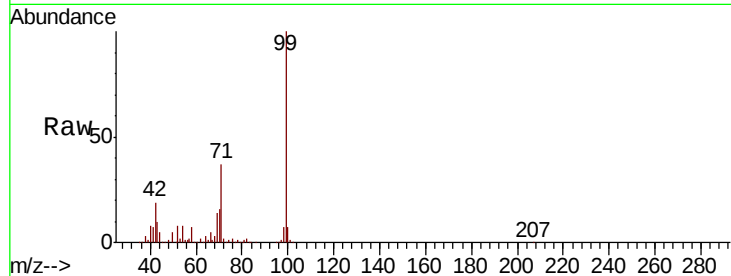
Tot Ion: 99 Resp: 937167

Ion Ratio Lower Upper

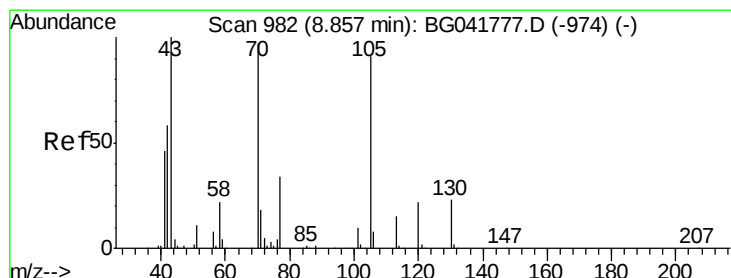
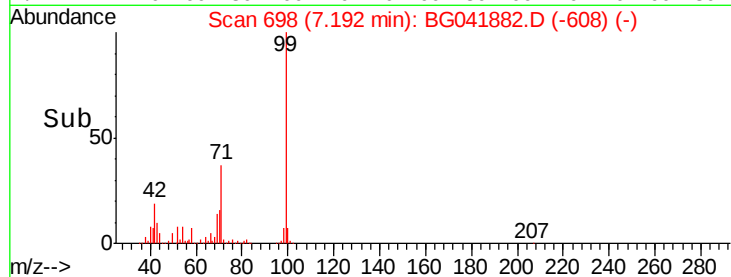
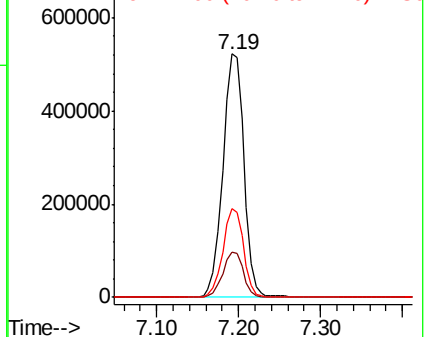
99 100

42 18.5 17.6 26.4

71 36.7 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: 14.043 ng

RT: 9.21 min Scan# 1041

Delta R.T. 0.35 min

Lab File: BG041882.D

Acq: 2 Aug 2019 10:49

Tgt Ion: 70 Resp: 74880

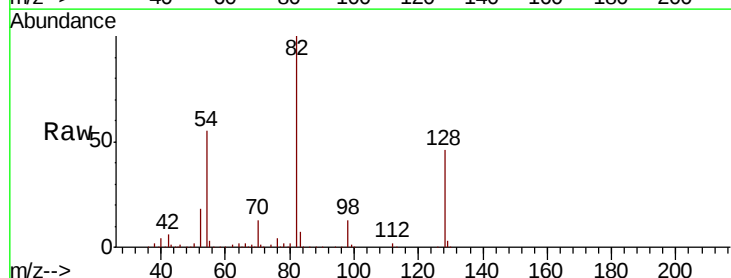
Ion Ratio Lower Upper

70 100

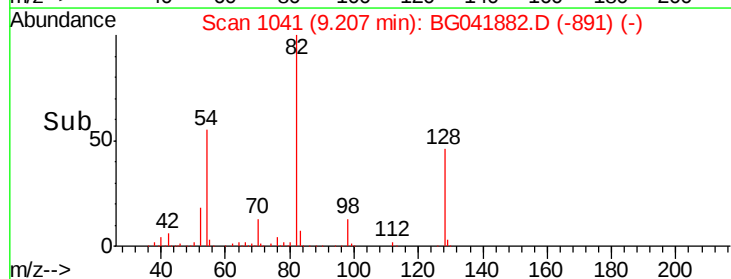
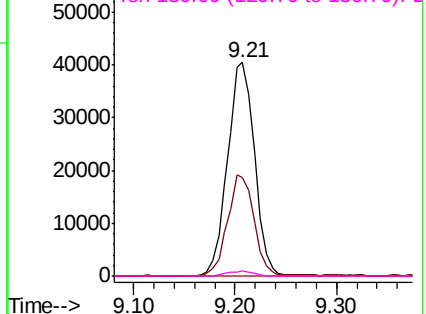
42 46.2 55.8 83.6#

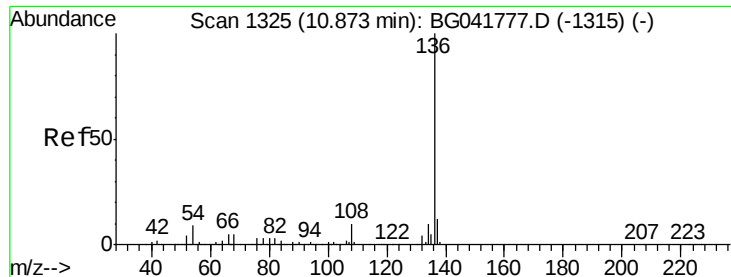
101 0.0 8.1 12.1#

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: 10.86 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BG041882.D

Acq: 2 Aug 2019 10:49

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 412849

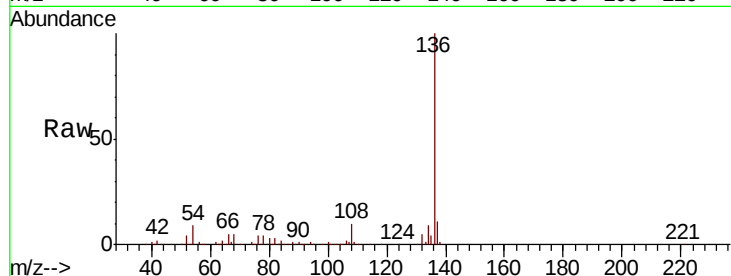
Ion Ratio Lower Upper

136 100

137 11.3 9.2 13.8

54 8.6 8.7 13.1#

68 5.2 5.5 8.3#

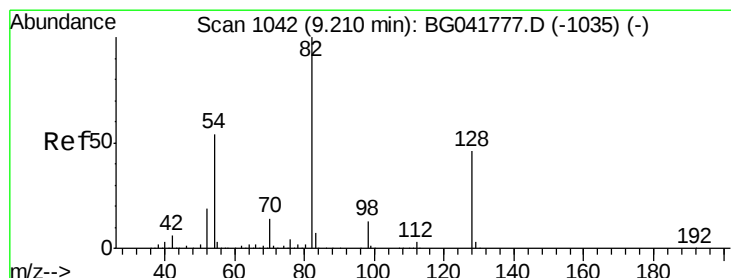
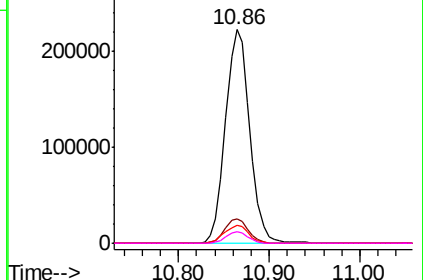
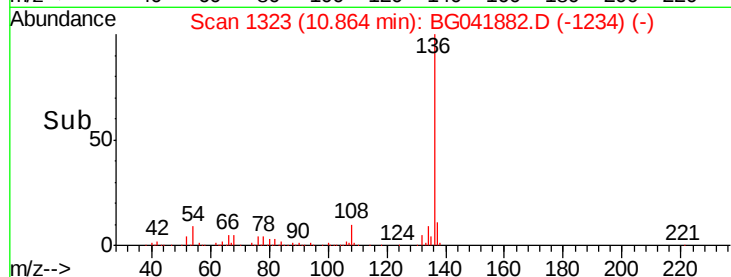


Abundance Ion 136.00 (135.70 to 136.70): E

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: 94.572 ng

RT: 9.21 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BG041882.D

Acq: 2 Aug 2019 10:49

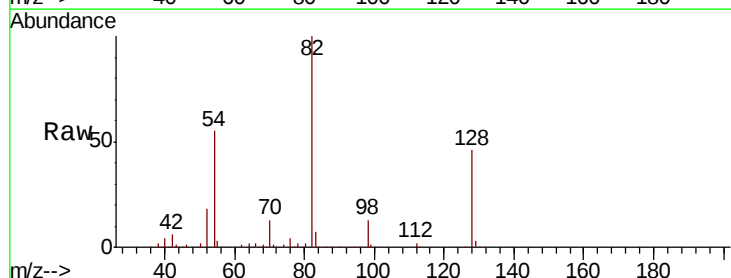
Tgt Ion: 82 Resp: 567365

Ion Ratio Lower Upper

82 100

128 46.1 35.1 52.7

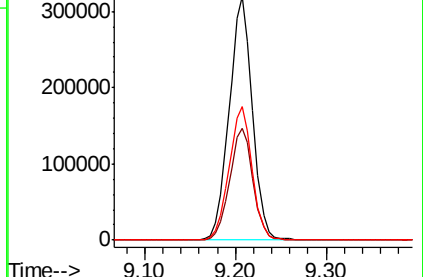
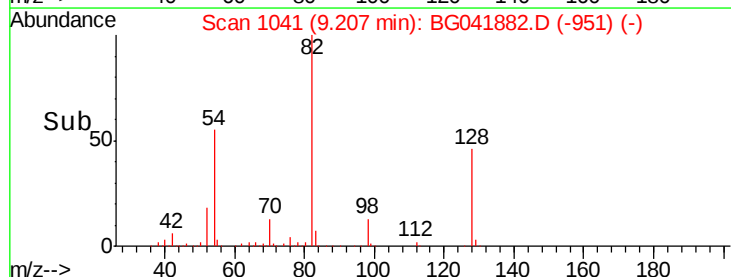
54 54.6 48.7 73.1

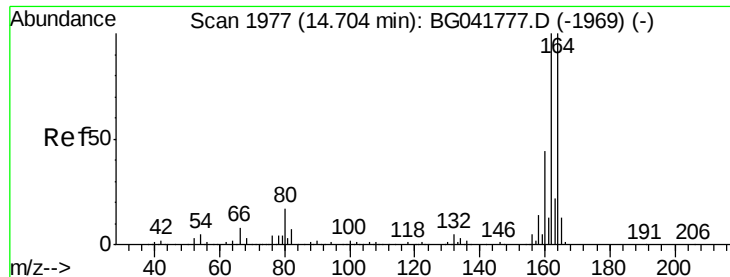


Abundance Ion 82.00 (81.70 to 82.70): BGC

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: BG041882.D

Acq: 2 Aug 2019 10:49

Instrument :

BNA_G

ClientSampleId :

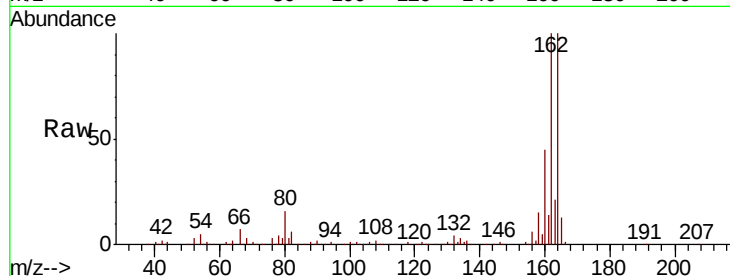
Tot Ion:164 Resp: 296989

Ion Ratio Lower Upper

164 100

162 99.7 79.6 119.4

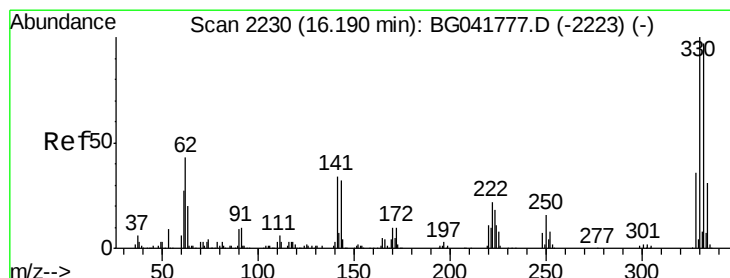
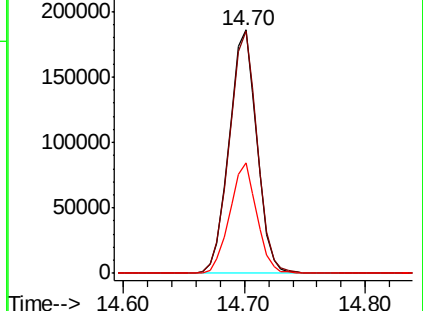
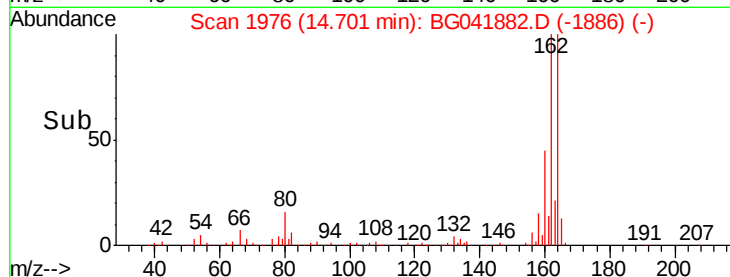
160 45.2 35.4 53.0



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: 146.441 ng

RT: 16.19 min Scan# 2229

Delta R.T. -0.00 min

Lab File: BG041882.D

Acq: 2 Aug 2019 10:49

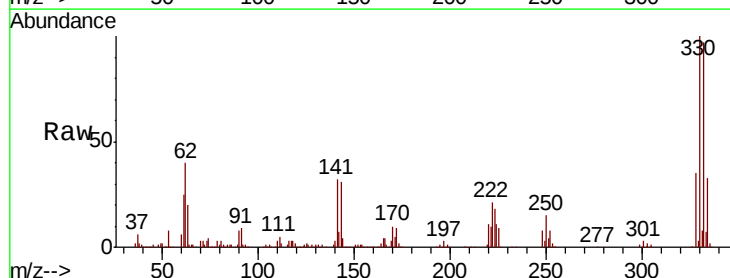
Tgt Ion:330 Resp: 494003

Ion Ratio Lower Upper

330 100

332 96.4 77.4 116.0

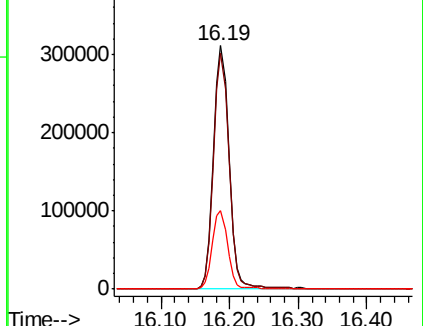
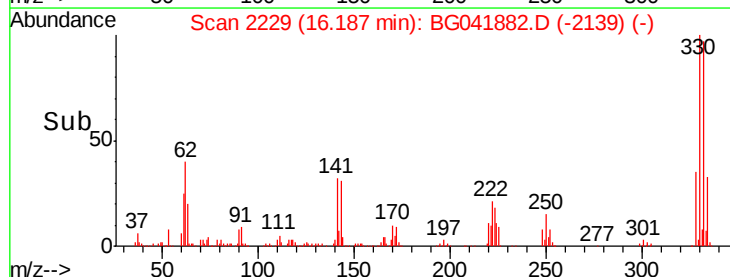
141 32.0 31.9 47.9

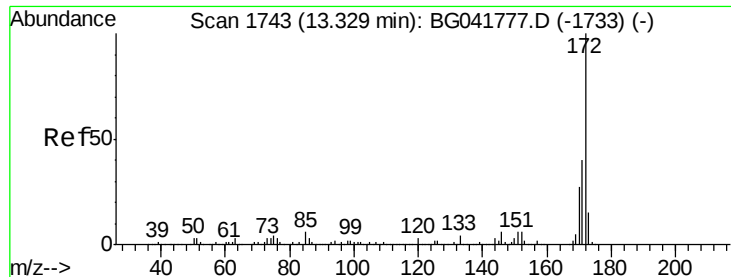


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

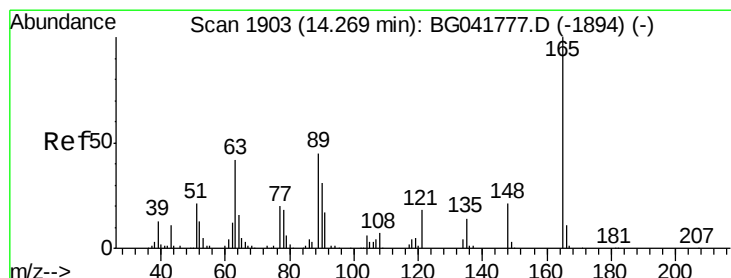
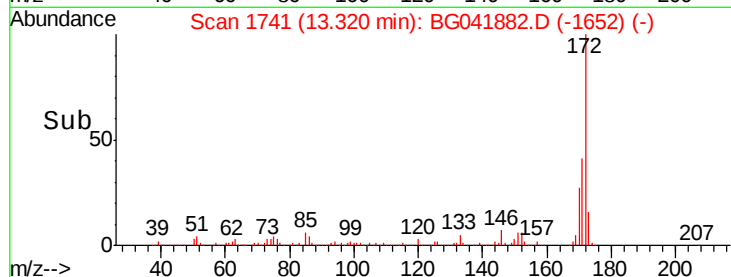
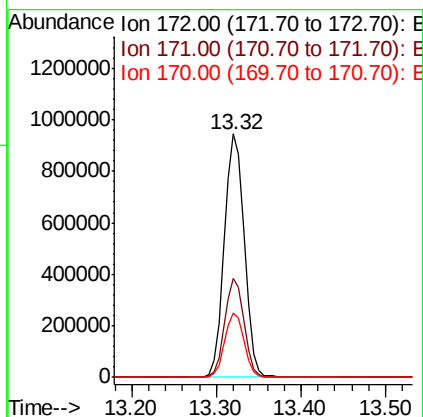
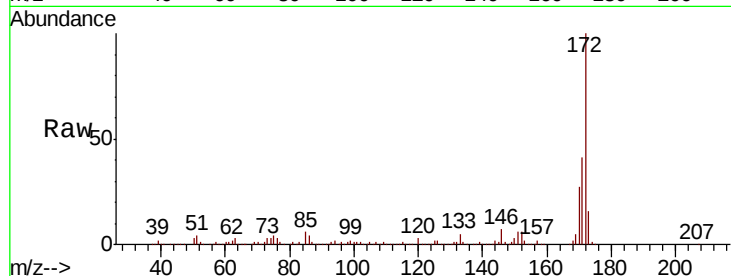




#45
2-Fluorobiphenyl
Concen: 91.471 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.01 min
Lab File: BG041882.D
Acq: 2 Aug 2019 10:49

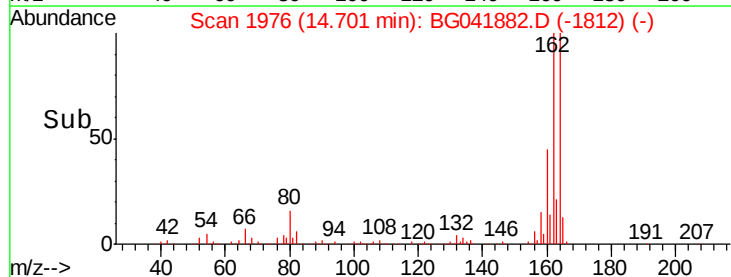
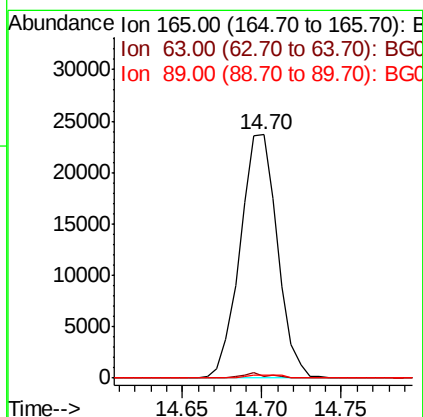
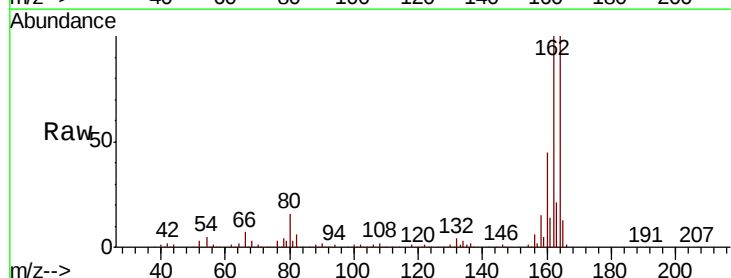
Instrument :
BNA_G
ClientSampleId :

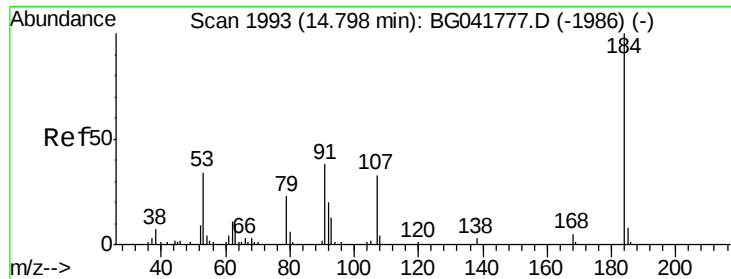
Tot Ion:172 Resp: 1540257
Ion Ratio Lower Upper
172 100
171 40.6 35.0 52.4
170 26.6 23.5 35.3



#51
2,6-Dinitrotoluene
Concen: 9.103 ng
RT: 14.70 min Scan# 1976
Delta R.T. 0.43 min
Lab File: BG041882.D
Acq: 2 Aug 2019 10:49

Tgt Ion:165 Resp: 38608
Ion Ratio Lower Upper
165 100
63 0.9 42.4 63.6#
89 1.3 42.1 63.1#





#54

2,4-Dinitrophenol

Concen: 3.279 ng

RT: 14.64 min Scan# 1966

Delta R.T. -0.15 min

Lab File: BG041882.D

Acq: 2 Aug 2019 10:49

Instrument :

BNA_G

ClientSampleId :

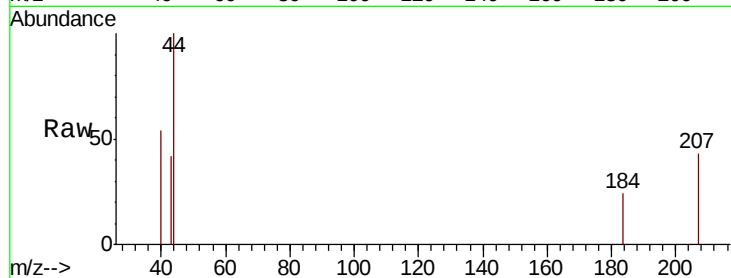
Tot Ion:184 Resp: 54

Ion Ratio Lower Upper

184 100

63 0.0 43.2 64.8#

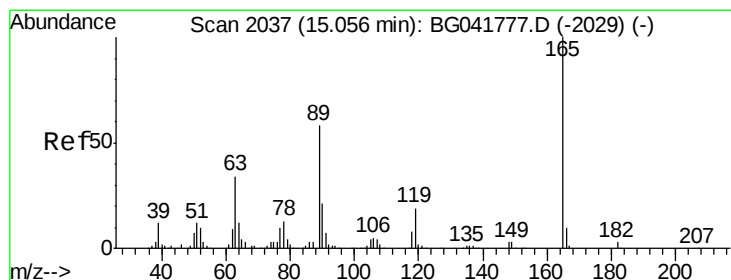
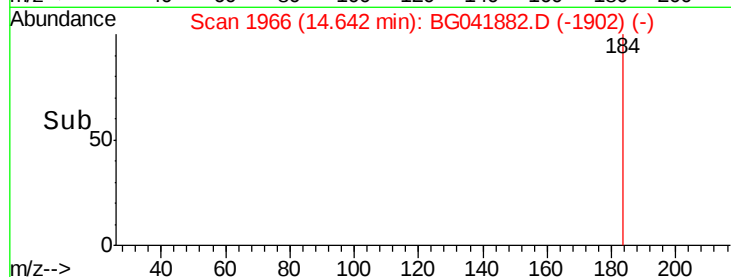
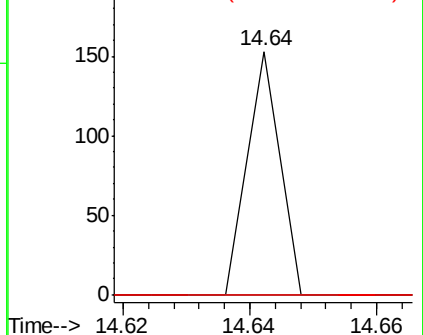
154 0.0 51.4 77.2#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E



#57

2,4-Dinitrotoluene

Concen: 6.619 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.36 min

Lab File: BG041882.D

Acq: 2 Aug 2019 10:49

Tgt Ion:165 Resp: 38608

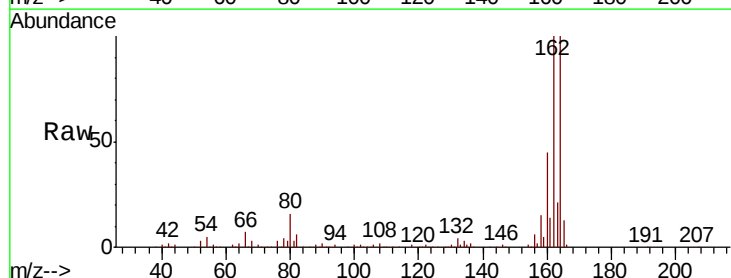
Ion Ratio Lower Upper

165 100

63 0.9 31.7 47.5#

89 1.3 50.2 75.4#

182 0.0 2.6 4.0#

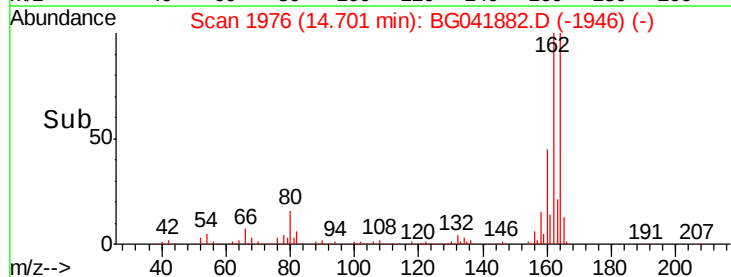
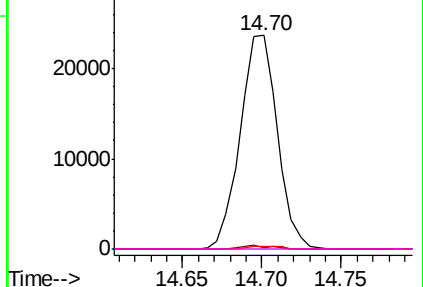


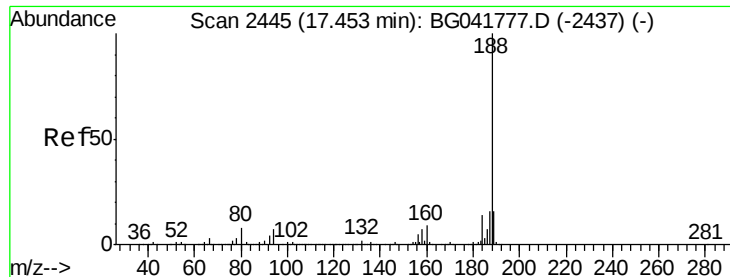
Abundance Ion 165.00 (164.70 to 165.70): E

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: BG041882.D

Acq: 2 Aug 2019 10:49

Instrument :

BNA_G

ClientSampled :

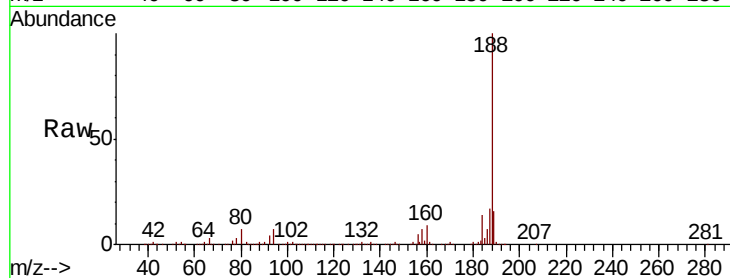
Tot Ion:188 Resp: 692568

Ion Ratio Lower Upper

188 100

94 6.6 6.9 10.3#

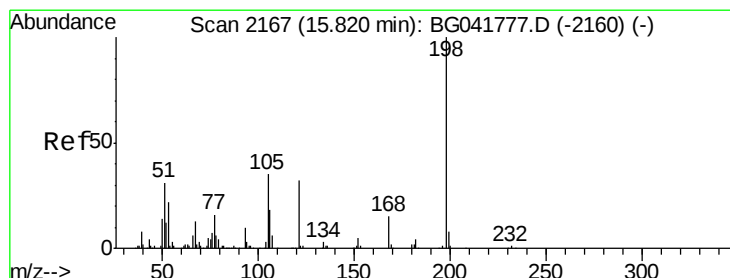
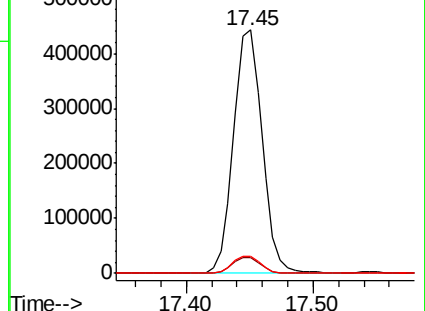
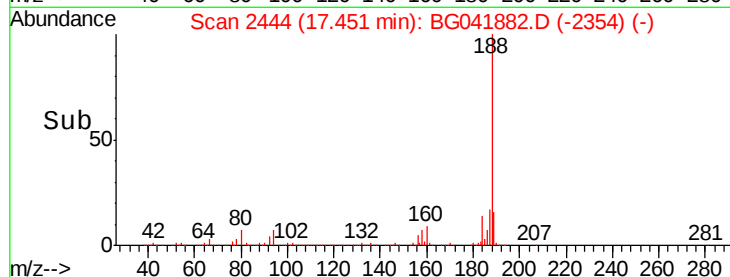
80 7.3 8.0 12.0#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#65

4,6-Dinitro-2-methylphenol

Concen: 7.190 ng

RT: 16.19 min Scan# 2229

Delta R.T. 0.37 min

Lab File: BG041882.D

Acq: 2 Aug 2019 10:49

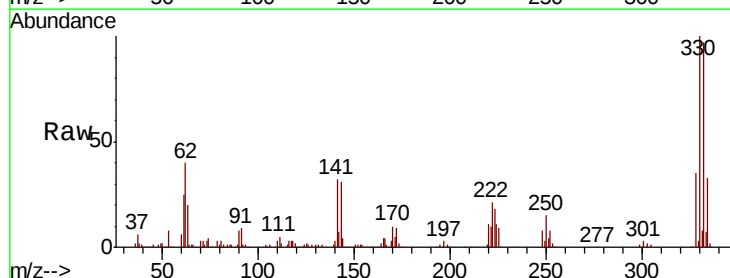
Tgt Ion:198 Resp: 1335

Ion Ratio Lower Upper

198 100

51 114.6 22.3 62.3#

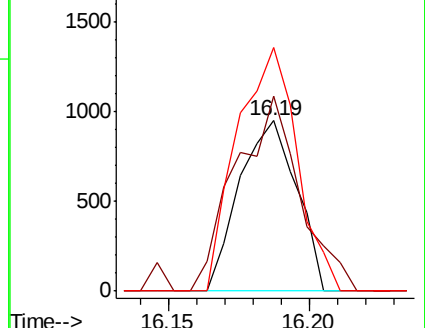
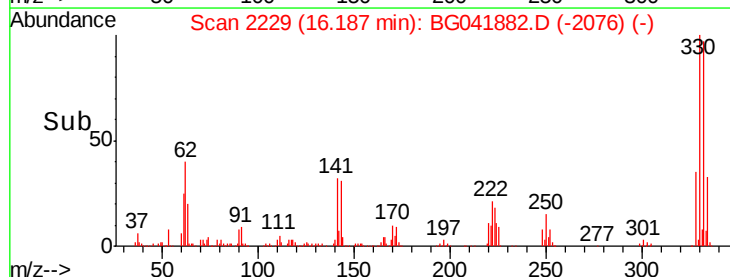
105 142.9 18.0 58.0#

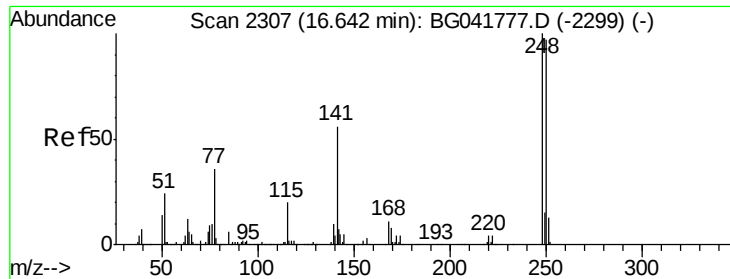


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E

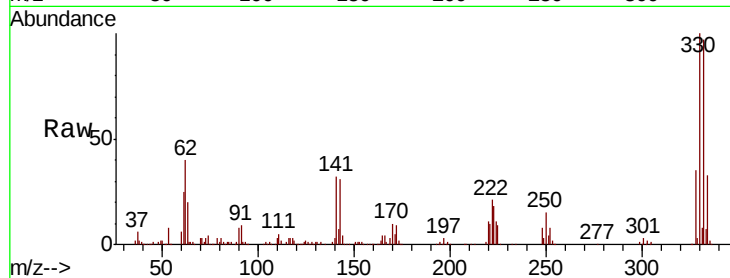




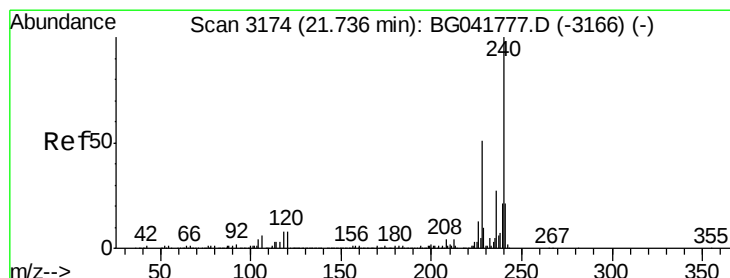
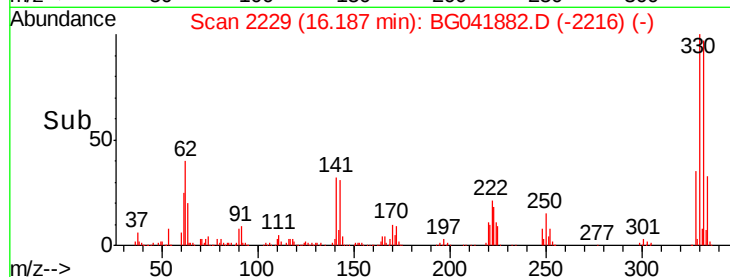
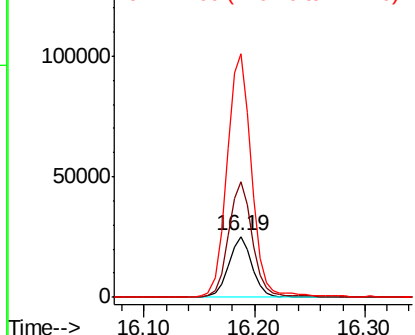
#67
 4-Bromophenyl-phenylether
 Concen: 4.432 ng
 RT: 16.19 min Scan# 2229
 Delta R.T. -0.46 min
 Lab File: BG041882.D
 Acq: 2 Aug 2019 10:49

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 37814
 Ion Ratio Lower Upper
 248 100
 250 191.8 78.1 117.1#
 141 402.1 49.6 74.4#

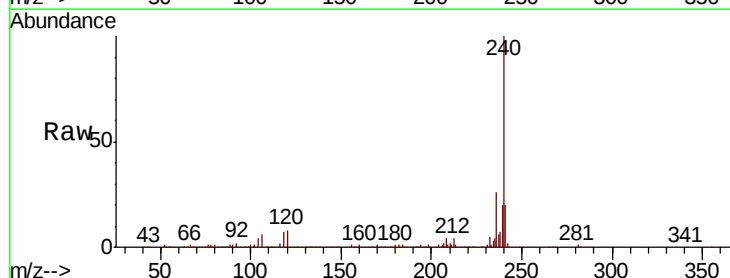


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

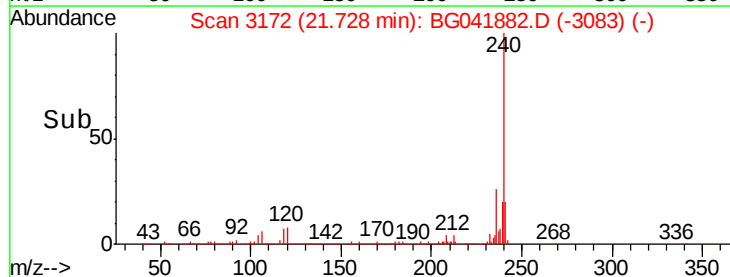
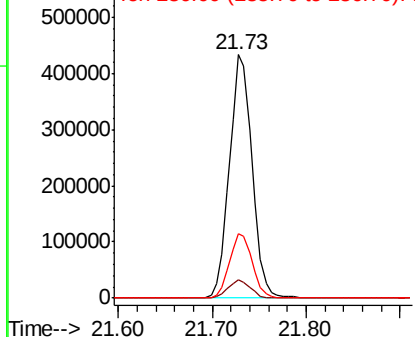


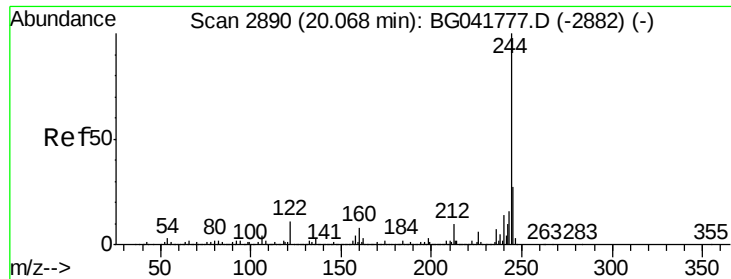
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.73 min Scan# 3172
 Delta R.T. -0.01 min
 Lab File: BG041882.D
 Acq: 2 Aug 2019 10:49

Tgt Ion:240 Resp: 726010
 Ion Ratio Lower Upper
 240 100
 120 7.5 8.0 12.0#
 236 26.2 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

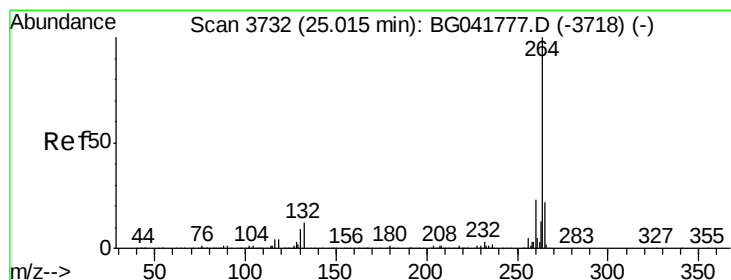
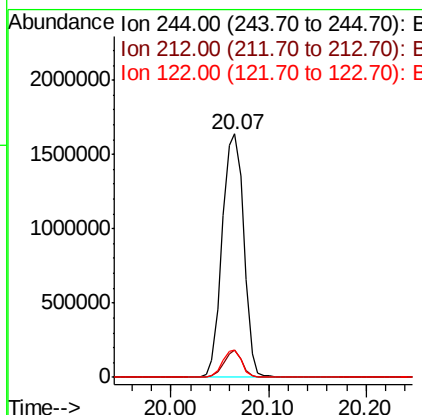
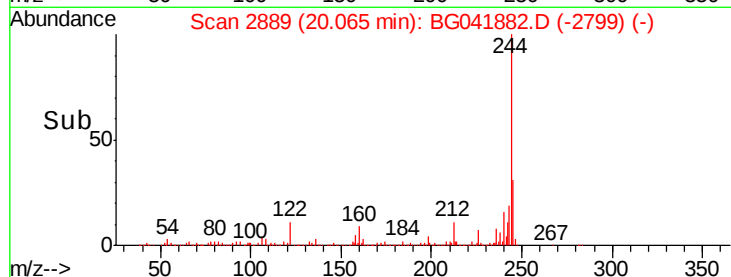
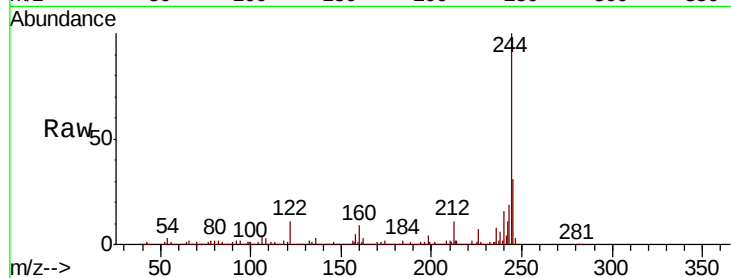




#79
 Terphenyl-d14
 Concen: 79.130 ng
 RT: 20.07 min Scan# 2889
 Delta R.T. -0.00 min
 Lab File: BG041882.D
 Acq: 2 Aug 2019 10:49

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:244 Resp: 2510596
 Ion Ratio Lower Upper
 244 100
 212 11.1 9.7 14.5
 122 11.4 12.5 18.7#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.00 min Scan# 3729
 Delta R.T. -0.01 min
 Lab File: BG041882.D
 Acq: 2 Aug 2019 10:49

Tgt Ion:264 Resp: 824528
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.5 29.3
 265 22.8 18.0 27.0

