

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG073019\
 Data File : BG041798.D
 Acq On : 30 Jul 2019 11:27
 Operator : HP/JU
 Sample : PB121767BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB121767BL

Quant Time: Jul 31 01:16:07 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

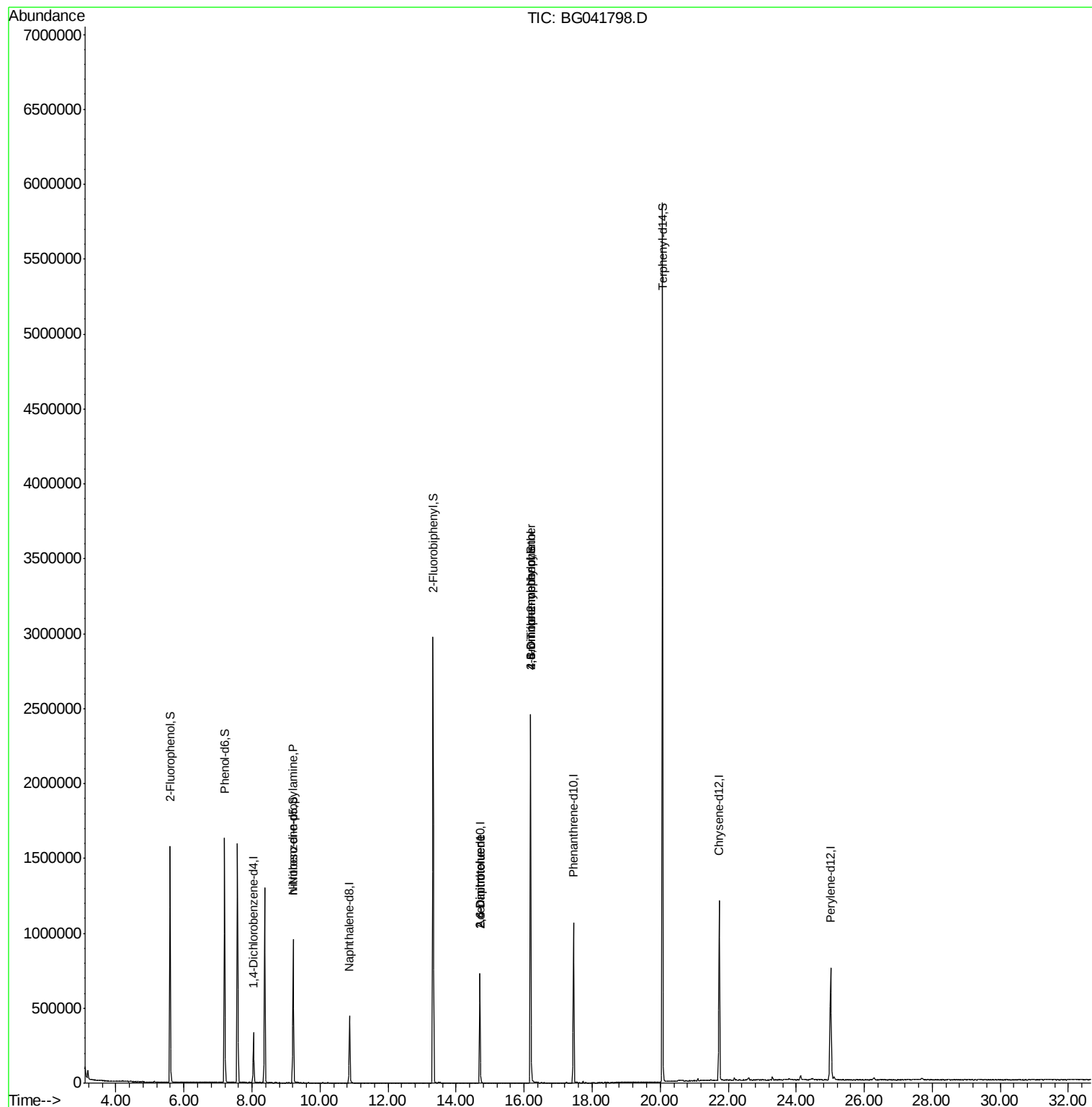
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	103065	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	400706	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	288797	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	700642	20.00	ng	0.00
76) Chrysene-d12	21.74	240	741325	20.00	ng	0.00
87) Perylene-d12	25.01	264	844827	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	713193	134.63	ng	0.00
7) Phenol-d6	7.20	99	968850	135.66	ng	0.00
23) Nitrobenzene-d5	9.21	82	571190	98.09	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	490968	149.67	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1572831	96.05	ng	0.00
79) Terphenyl-d14	20.07	244	2677310	82.64	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	75976	14.653	ng	# 71
51) 2,6-Dinitrotoluene	14.70	165	37831	9.173	ng	# 26
57) 2,4-Dinitrotoluene	14.70	165	37831	6.670	ng	# 28
65) 4,6-Dinitro-2-methylphenol	16.18	198	1625	7.259	ng	# 1
67) 4-Bromophenyl-phenylether	16.19	248	36292	4.205	ng	# 1

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

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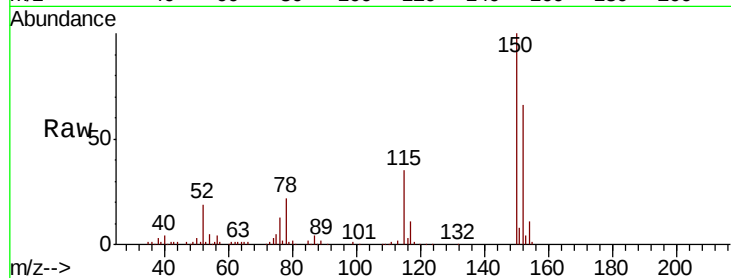




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 844
 Delta R.T. 0.00 min
 Lab File: BG041798.D
 Acq: 30 Jul 2019 11:27

Instrument :
 BNA_G
 ClientSampleId :
 PB121767BL

Tgt Ion	Ratio	Lower	Upper
152	100		
150	152.0	126.9	190.3
115	52.7	45.0	67.6

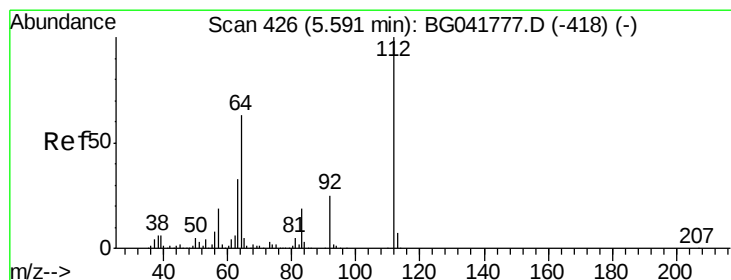
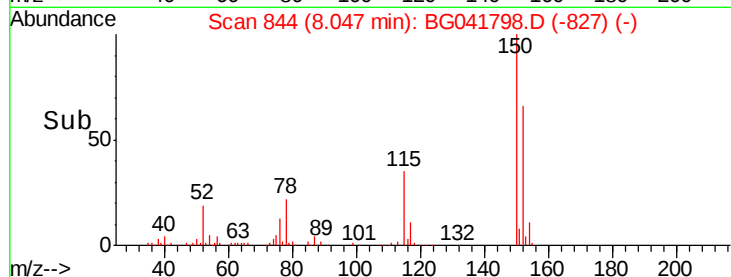
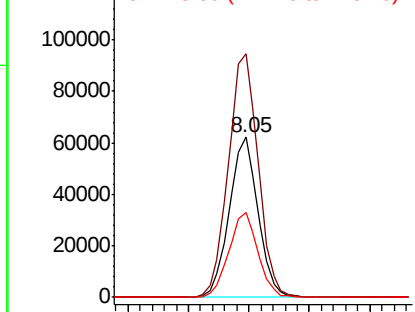


Abundance

Ion 152.00 (151.70 to 152.70): E

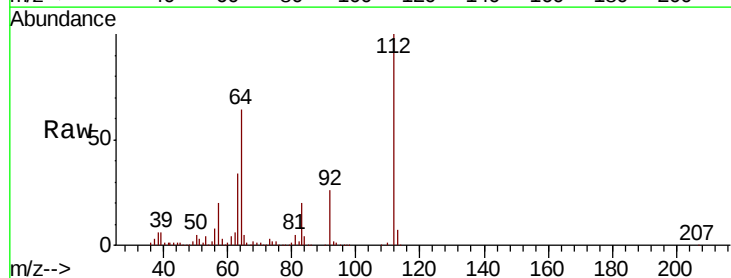
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 134.634 ng
 RT: 5.59 min Scan# 426
 Delta R.T. 0.00 min
 Lab File: BG041798.D
 Acq: 30 Jul 2019 11:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.3	55.4	83.2
63	34.2	29.1	43.7

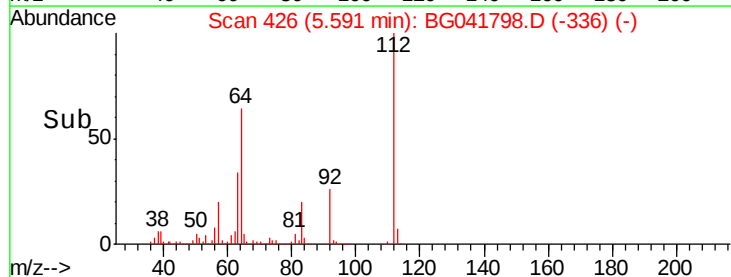
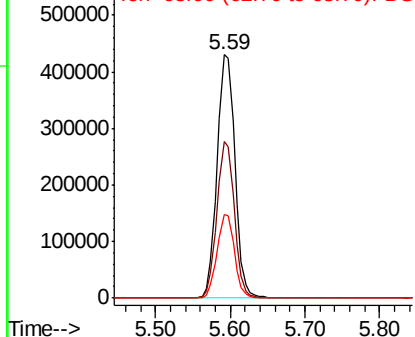


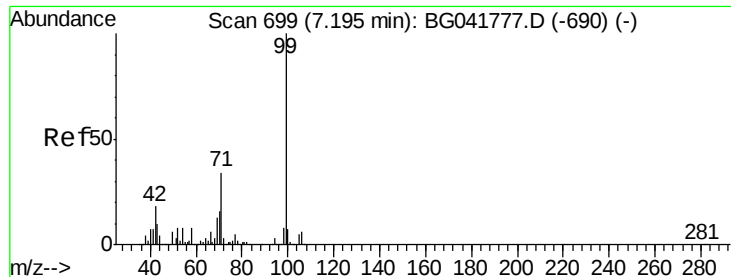
Abundance

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: 135.663 ng

RT: 7.20 min Scan# 699

Delta R.T. 0.00 min

Lab File: BG041798.D

Acq: 30 Jul 2019 11:27

Instrument :

BNA_G

ClientSampleId :

PB121767BL

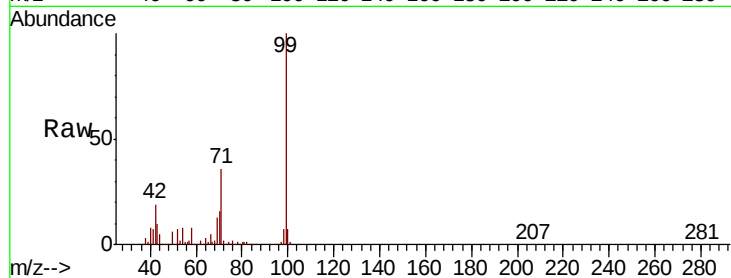
Tgt Ion: 99 Resp: 968850

Ion Ratio Lower Upper

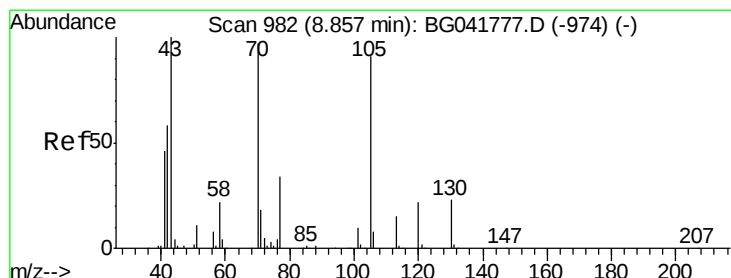
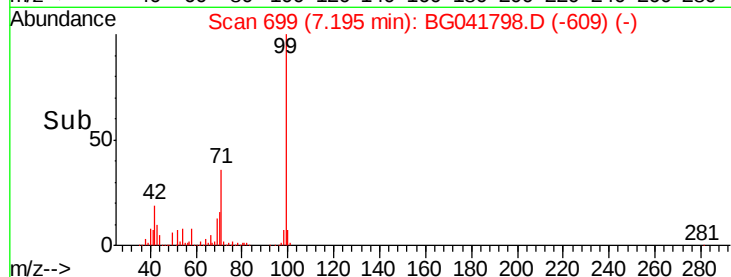
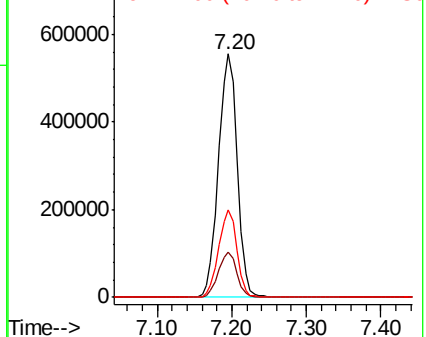
99 100

42 18.7 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: 14.653 ng

RT: 9.21 min Scan# 1042

Delta R.T. 0.35 min

Lab File: BG041798.D

Acq: 30 Jul 2019 11:27

Tgt Ion: 70 Resp: 75976

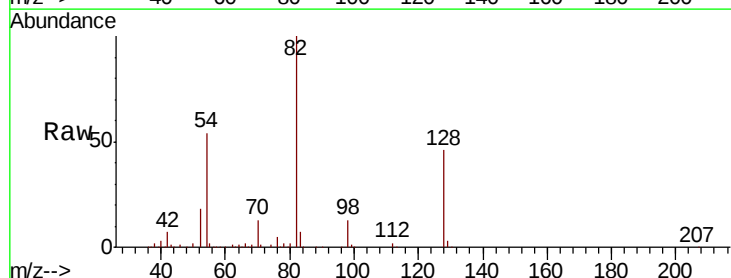
Ion Ratio Lower Upper

70 100

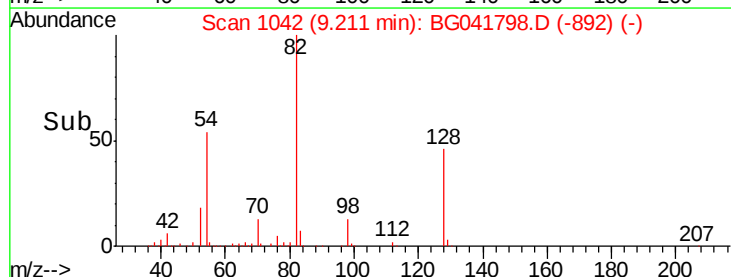
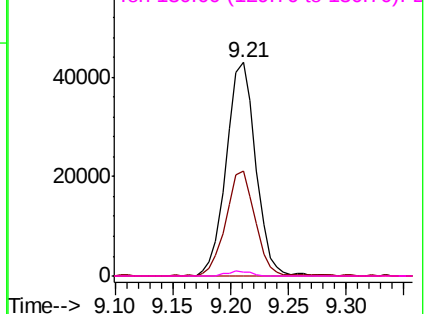
42 49.4 55.8 83.6#

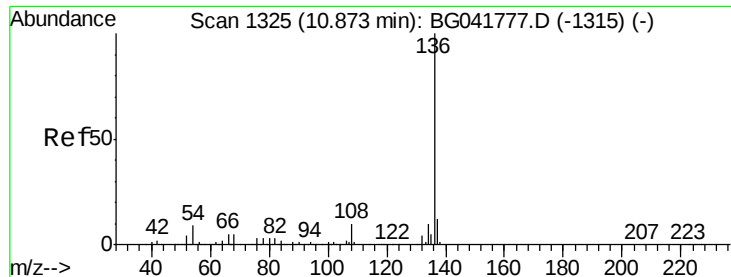
101 0.0 8.1 12.1#

130 2.0 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

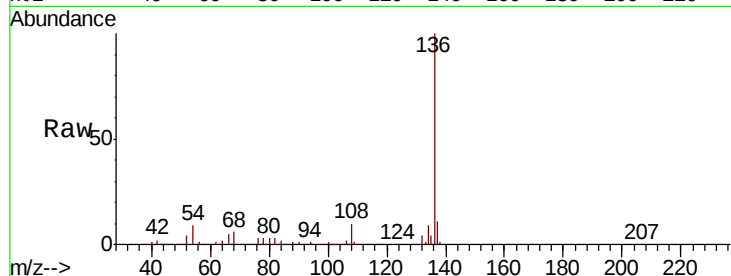




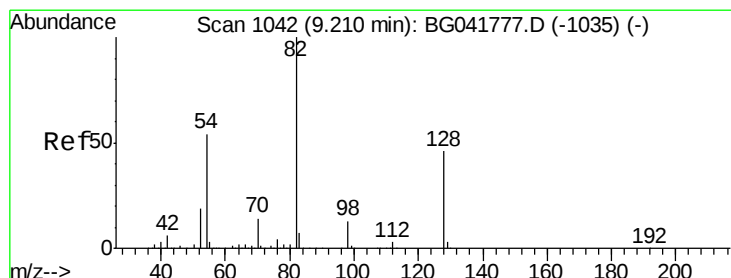
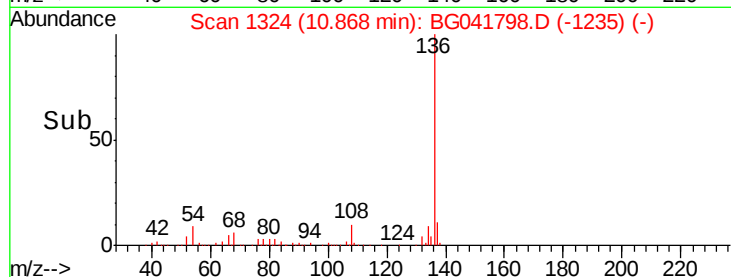
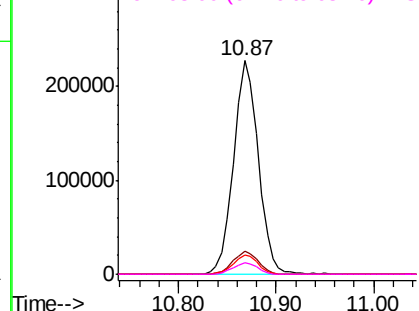
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG041798.D
Acq: 30 Jul 2019 11:27

Instrument :
BNA_G
ClientSampleId :
PB121767BL

Tgt Ion:	136	Resp:	400706
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	8.8	8.7	13.1
68	5.6	5.5	8.3

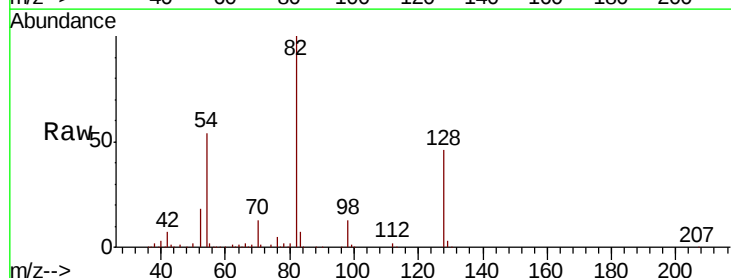


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

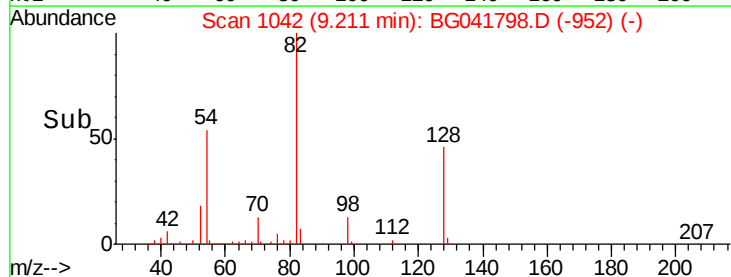
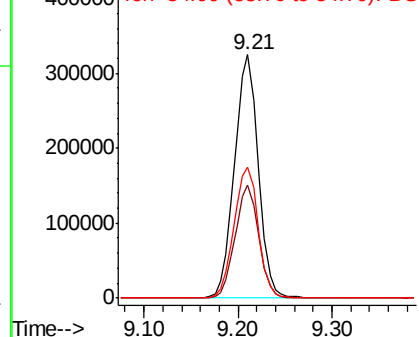


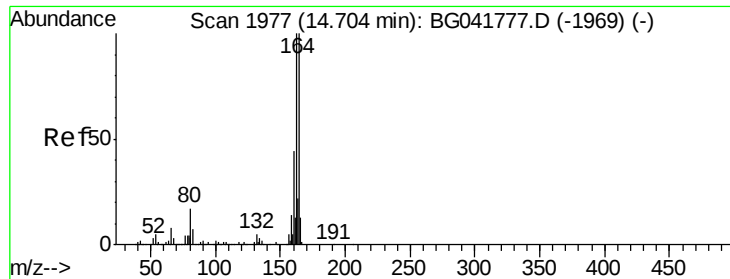
#23
Nitrobenzene-d5
Concen: 98.095 ng
RT: 9.21 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BG041798.D
Acq: 30 Jul 2019 11:27

Tgt Ion:	82	Resp:	571190
Ion	Ratio	Lower	Upper
82	100		
128	46.5	35.1	52.7
54	53.8	48.7	73.1



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
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. -0.01 min

Lab File: BG041798.D

Acq: 30 Jul 2019 11:27

Instrument :

BNA_G

ClientSampleId :

PB121767BL

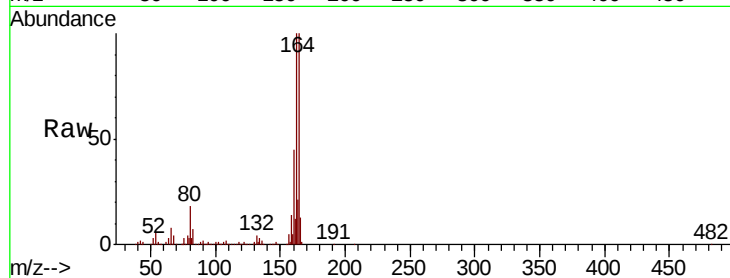
Tgt Ion:164 Resp: 288797

Ion Ratio Lower Upper

164 100

162 100.3 79.6 119.4

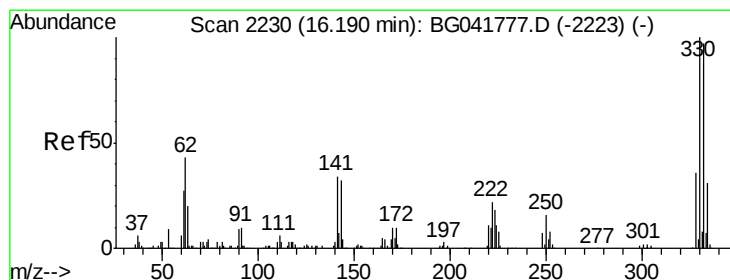
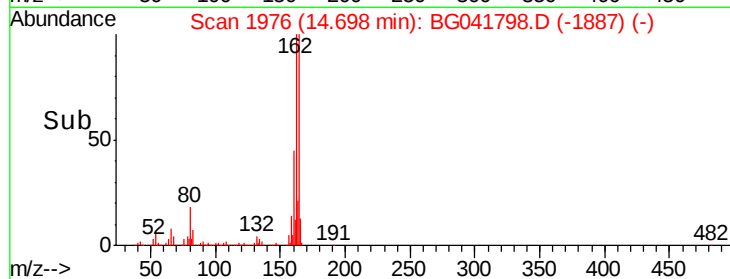
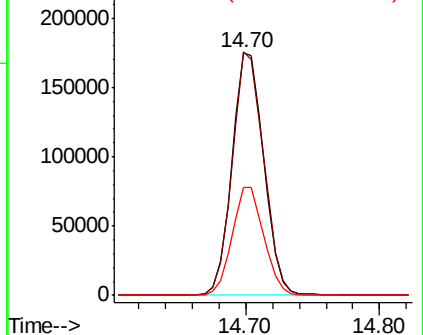
160 44.6 35.4 53.0



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: 149.670 ng

RT: 16.19 min Scan# 2230

Delta R.T. 0.00 min

Lab File: BG041798.D

Acq: 30 Jul 2019 11:27

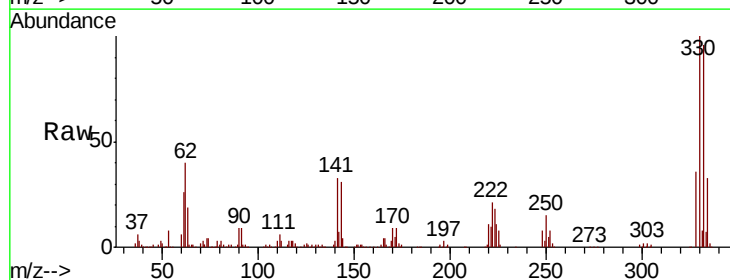
Tgt Ion:330 Resp: 490968

Ion Ratio Lower Upper

330 100

332 96.3 77.4 116.0

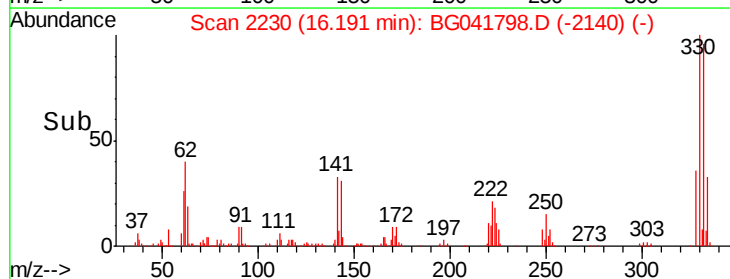
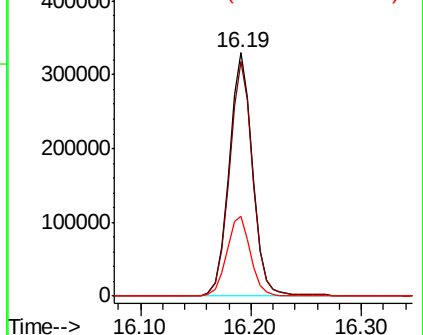
141 33.3 31.9 47.9

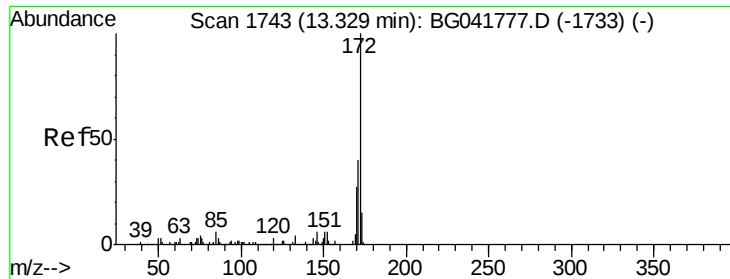


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

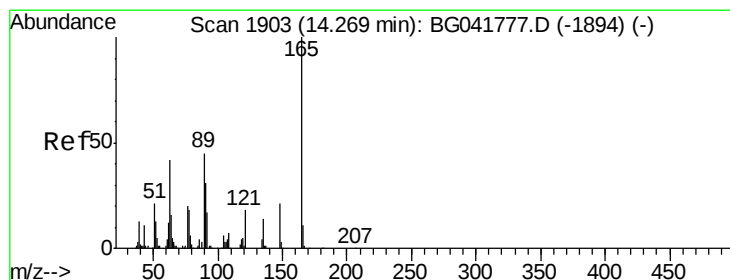
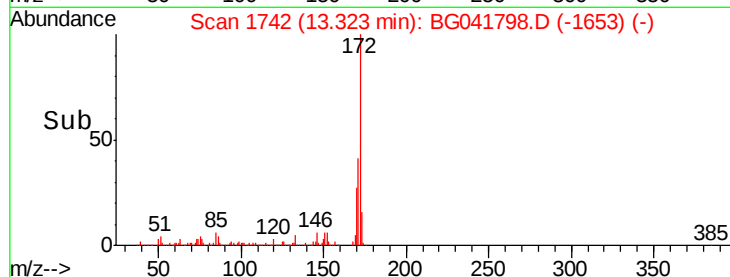
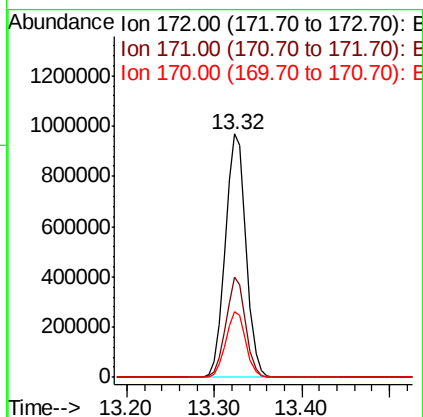
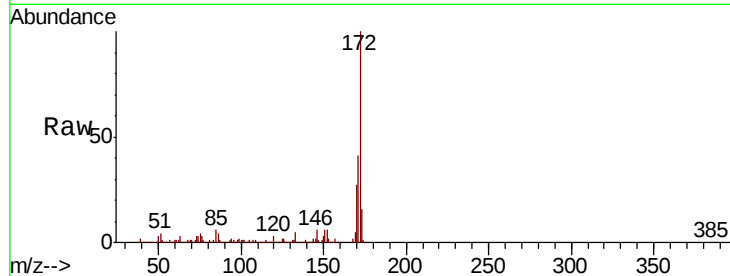




#45
 2-Fluorobiphenyl
 Concen: 96.055 ng
 RT: 13.32 min Scan# 1742
 Delta R.T. -0.01 min
 Lab File: BG041798.D
 Acq: 30 Jul 2019 11:27

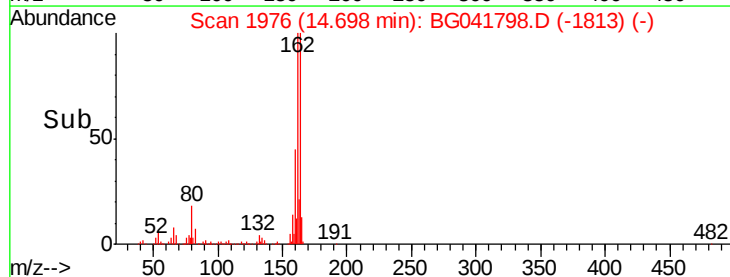
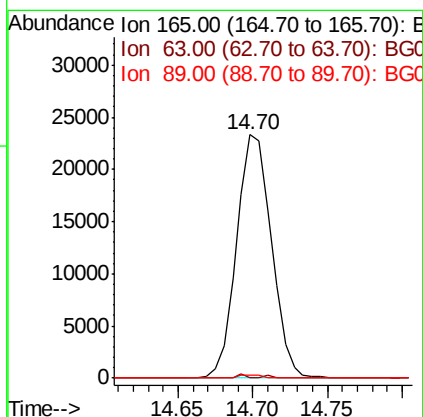
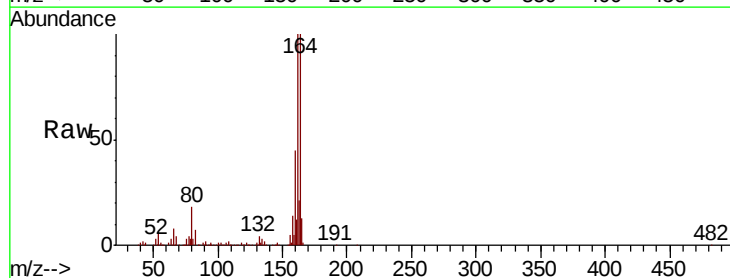
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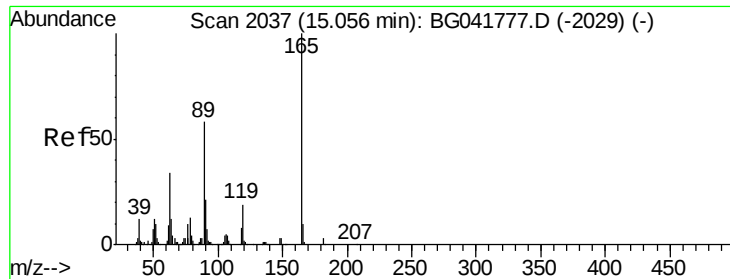
Tgt Ion:172 Resp: 1572831
 Ion Ratio Lower Upper
 172 100
 171 41.0 35.0 52.4
 170 27.1 23.5 35.3



#51
 2,6-Dinitrotoluene
 Concen: 9.173 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. 0.43 min
 Lab File: BG041798.D
 Acq: 30 Jul 2019 11:27

Tgt Ion:165 Resp: 37831
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.4 63.6#
 89 1.2 42.1 63.1#

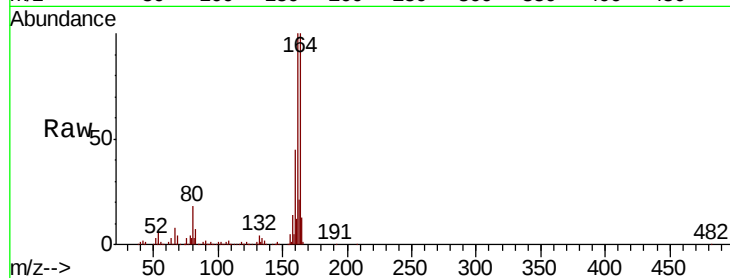




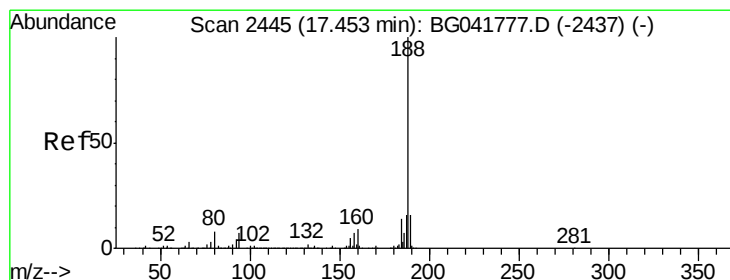
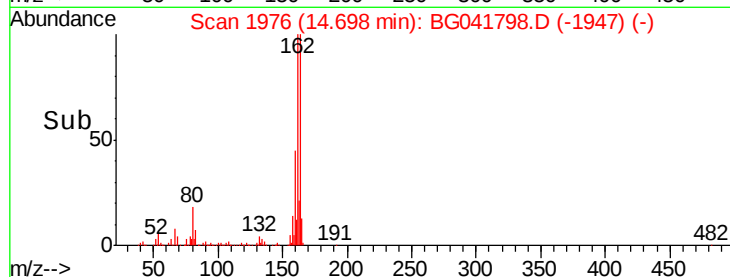
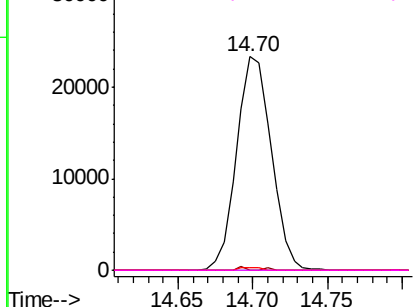
#57
 2,4-Dinitrotoluene
 Concen: 6.670 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. -0.36 min
 Lab File: BG041798.D
 Acq: 30 Jul 2019 11:27

Instrument :
 BNA_G
 ClientSampleId :
 PB121767BL

Tgt Ion:165 Resp: 37831
 Ion Ratio Lower Upper
 165 100
 63 0.0 31.7 47.5#
 89 1.2 50.2 75.4#
 182 0.0 2.6 4.0#

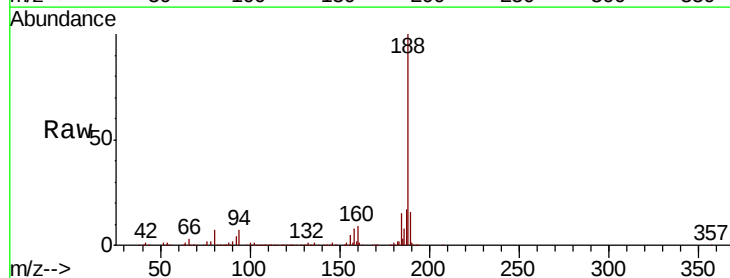


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

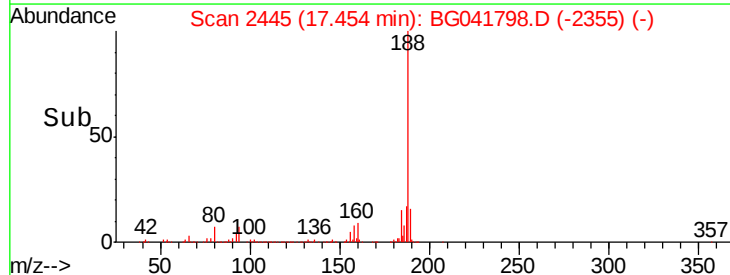
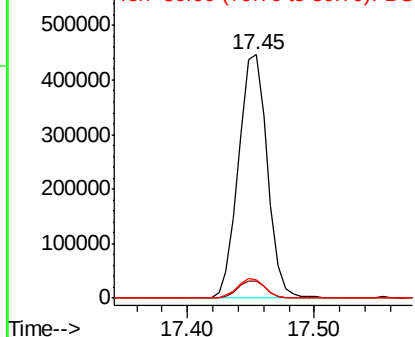


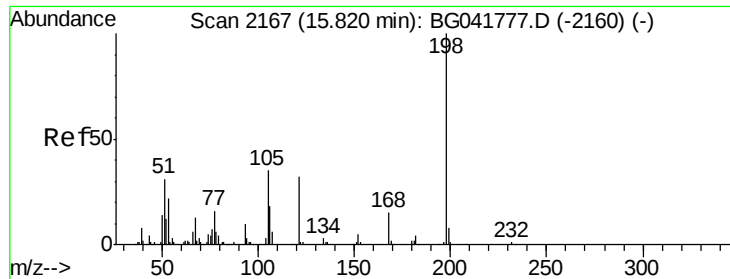
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.45 min Scan# 2445
 Delta R.T. 0.00 min
 Lab File: BG041798.D
 Acq: 30 Jul 2019 11:27

Tgt Ion:188 Resp: 700642
 Ion Ratio Lower Upper
 188 100
 94 7.0 6.9 10.3
 80 7.4 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

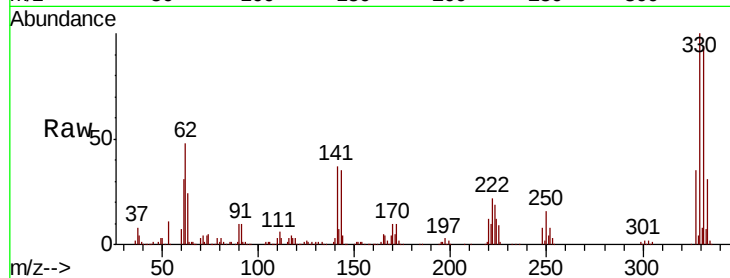




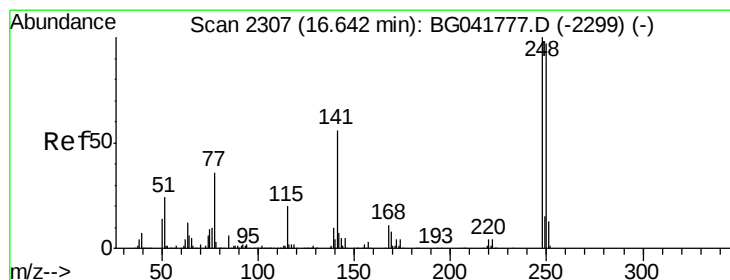
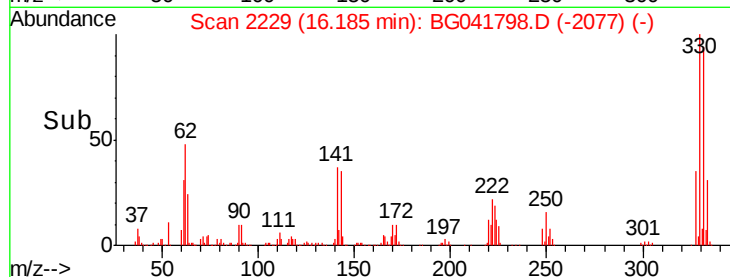
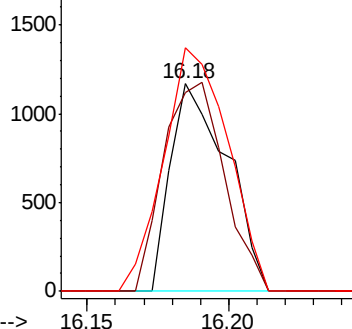
#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.259 ng
 RT: 16.18 min Scan# 2229
 Delta R.T. 0.37 min
 Lab File: BG041798.D
 Acq: 30 Jul 2019 11:27

Instrument :
 BNA_G
 ClientSampleId :
 PB121767BL

Tgt Ion:198 Resp: 1625
 Ion Ratio Lower Upper
 198 100
 51 96.1 22.3 62.3#
 105 117.5 18.0 58.0#

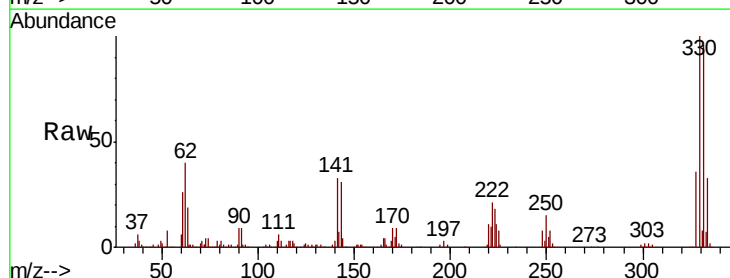


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG0
 Ion 105.00 (104.70 to 105.70): E

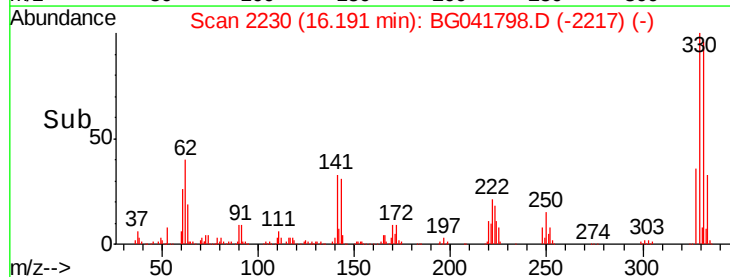
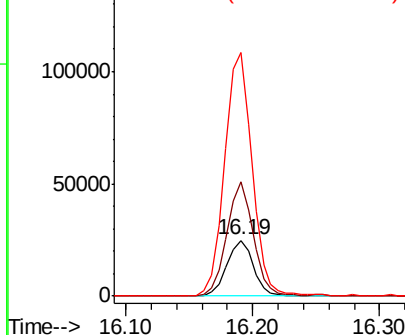


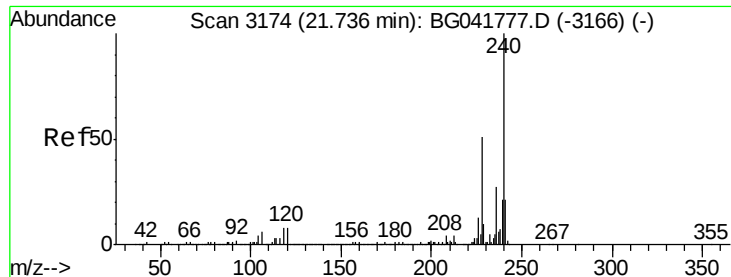
#67
 4-Bromophenyl-phenylether
 Concen: 4.205 ng
 RT: 16.19 min Scan# 2230
 Delta R.T. -0.45 min
 Lab File: BG041798.D
 Acq: 30 Jul 2019 11:27

Tgt Ion:248 Resp: 36292
 Ion Ratio Lower Upper
 248 100
 250 206.2 78.1 117.1#
 141 437.9 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: 21.74 min Scan# 3174

Delta R.T. 0.00 min

Lab File: BG041798.D

Acq: 30 Jul 2019 11:27

Instrument :

BNA_G

ClientSampleId :

PB121767BL

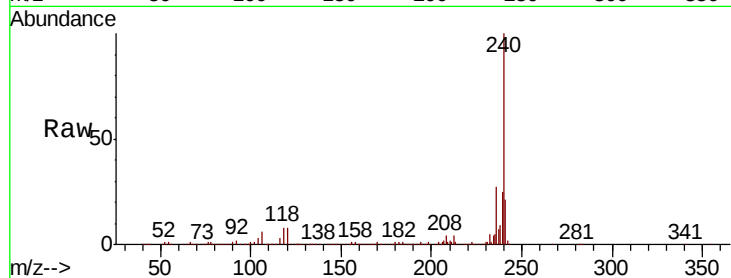
Tgt Ion:240 Resp: 741325

Ion Ratio Lower Upper

240 100

120 7.8 8.0 12.0#

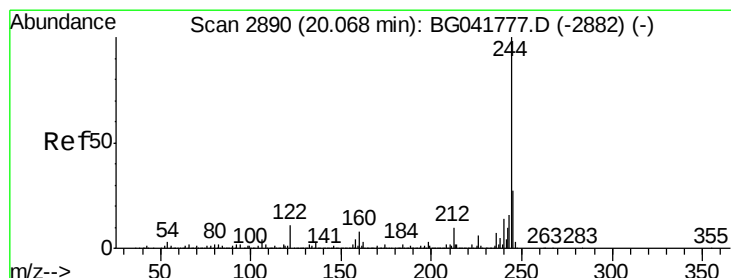
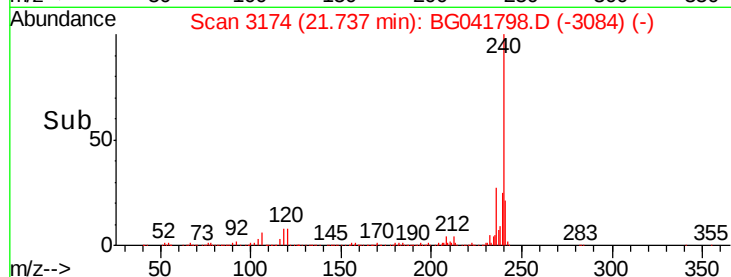
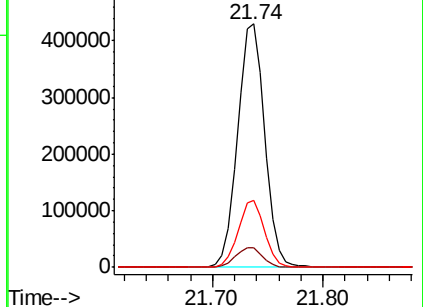
236 27.4 22.6 33.8



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: 82.641 ng

RT: 20.07 min Scan# 2890

Delta R.T. 0.00 min

Lab File: BG041798.D

Acq: 30 Jul 2019 11:27

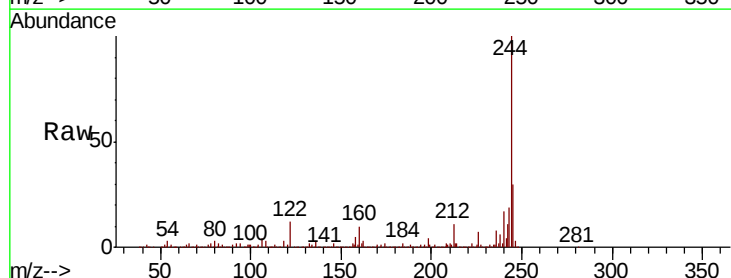
Tgt Ion:244 Resp: 2677310

Ion Ratio Lower Upper

244 100

212 11.3 9.7 14.5

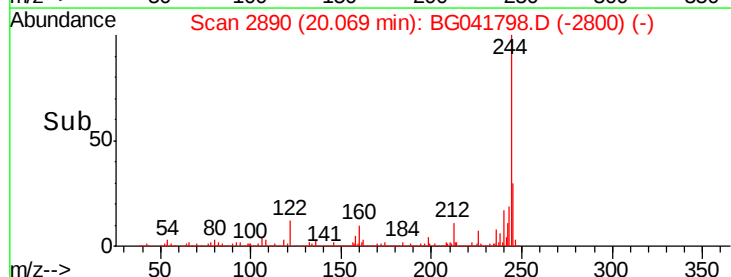
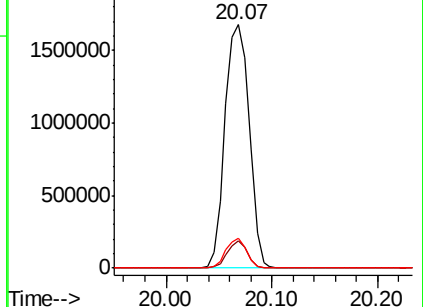
122 12.4 12.5 18.7#

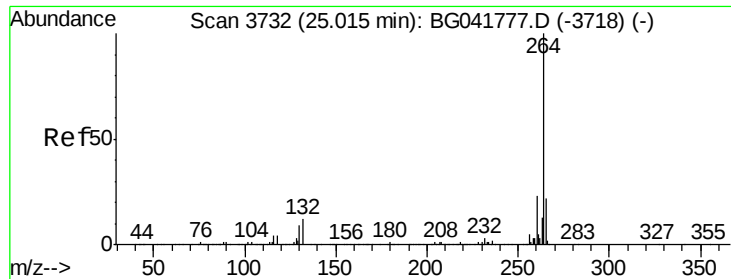


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.01 min Scan# 3731
Delta R.T. -0.01 min
Lab File: BG041798.D
Acq: 30 Jul 2019 11:27

Instrument :
BNA_G
ClientSampleId :
PB121767BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	22.4	18.0	27.0

