

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG073019\
 Data File : BG041810.D
 Acq On : 30 Jul 2019 20:36
 Operator : HP/JU
 Sample : PB121837BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB121837BL

Quant Time: Jul 31 01:21:29 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

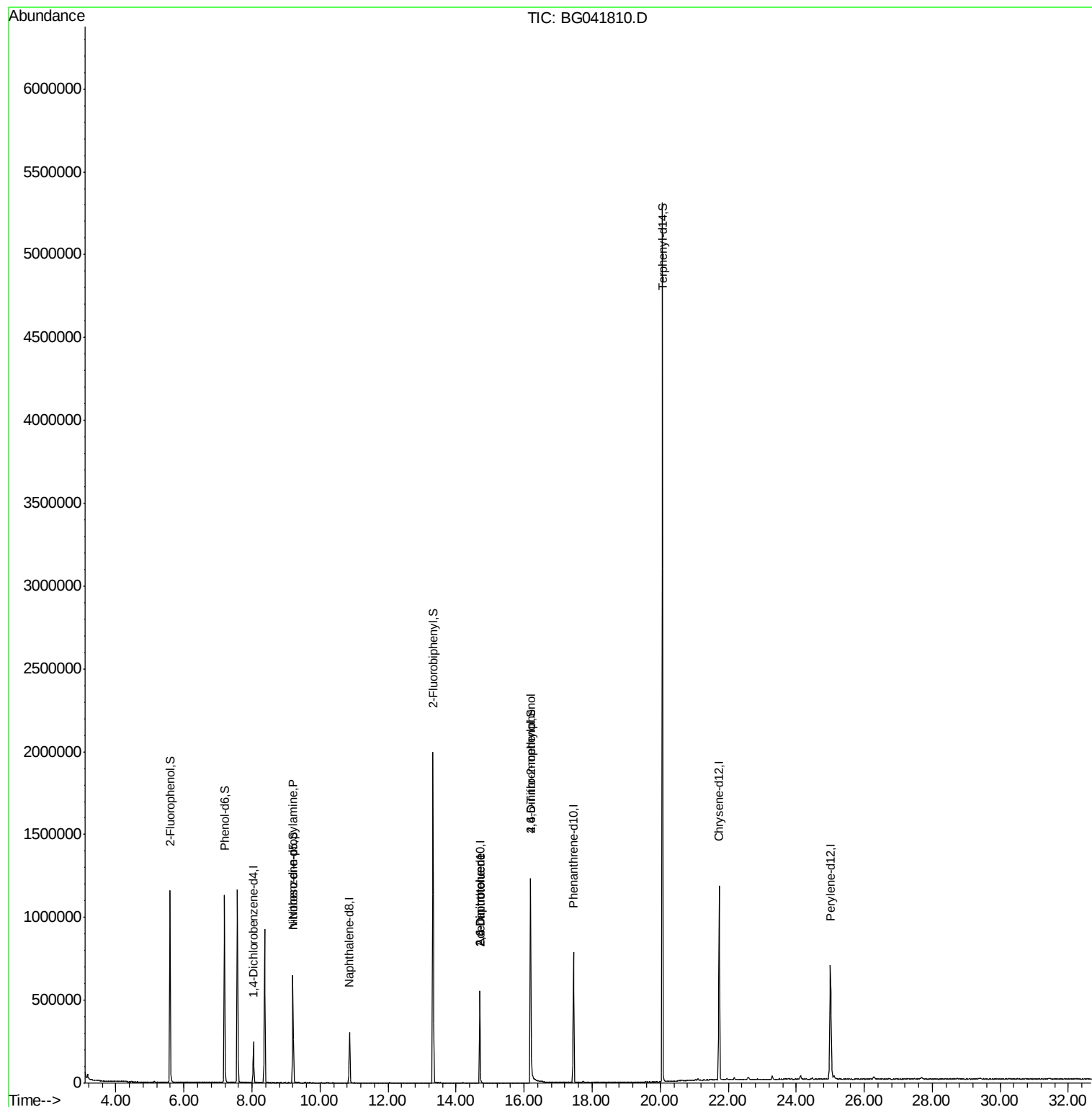
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	77816	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	288892	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	204177	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	527874	20.00	ng	0.00
76) Chrysene-d12	21.73	240	708173	20.00	ng	0.00
87) Perylene-d12	25.01	264	808035	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	513861	128.48	ng	0.00
7) Phenol-d6	7.20	99	686025	127.23	ng	0.00
23) Nitrobenzene-d5	9.20	82	394141	93.89	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	305405	131.69	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1081984	93.46	ng	0.00
79) Terphenyl-d14	20.07	244	2359392	76.24	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.20	70	51187	13.076	ng	# 68
51) 2,6-Dinitrotoluene	14.70	165	25887	8.878	ng	# 27
57) 2,4-Dinitrotoluene	14.70	165	25887	6.456	ng	# 29
65) 4,6-Dinitro-2-methylphenol	16.19	198	677	7.077	ng	# 1

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

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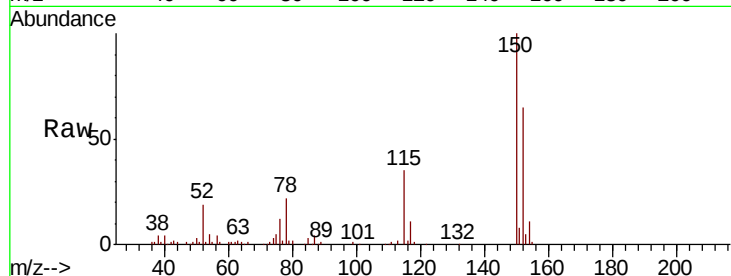


#1

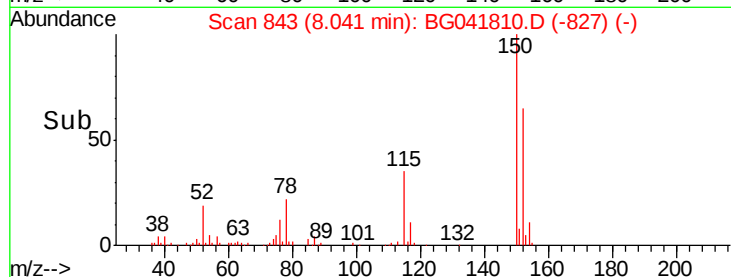
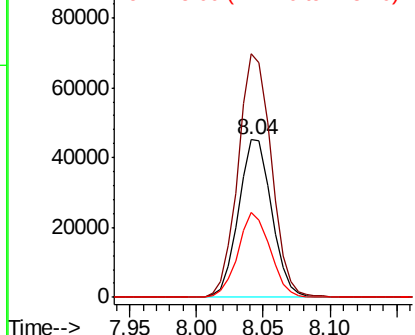
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG041810.D
Acq: 30 Jul 2019 20:36

Instrument :
BNA_G
ClientSampleId :
PB121837BL

Tgt Ion:152 Resp: 77816
Ion Ratio Lower Upper
152 100
150 154.5 126.9 190.3
115 54.1 45.0 67.6



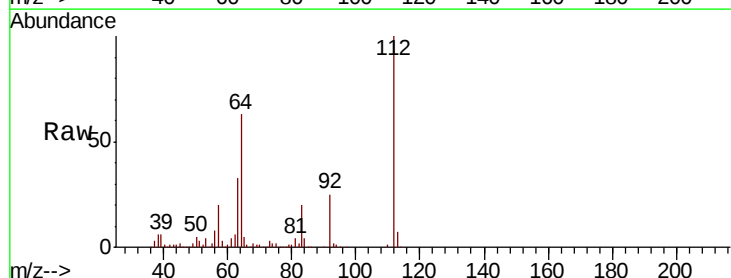
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



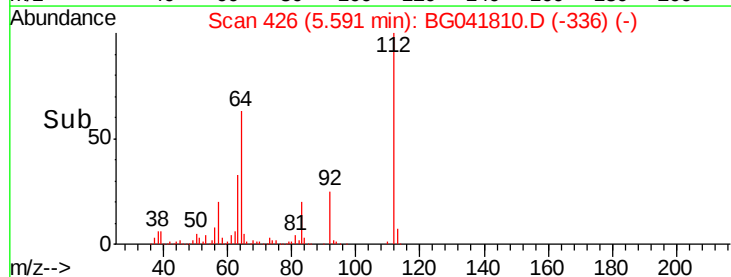
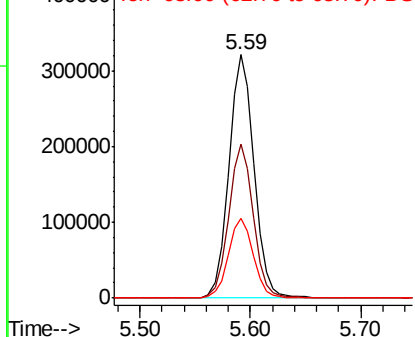
#5

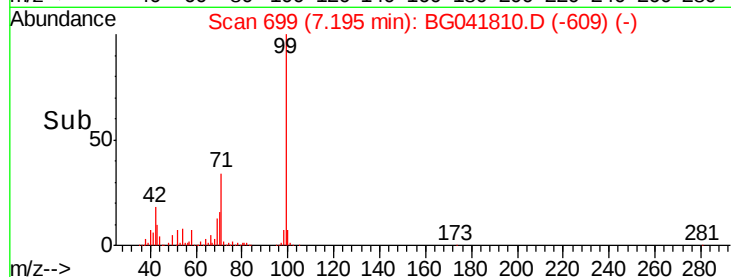
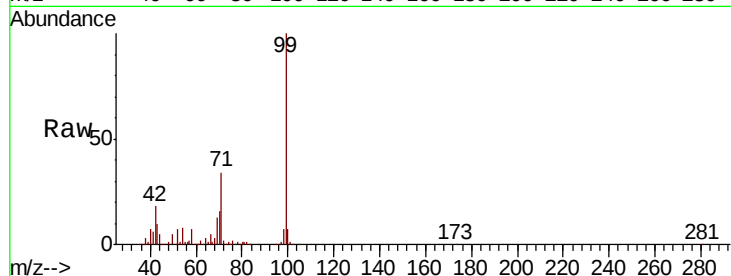
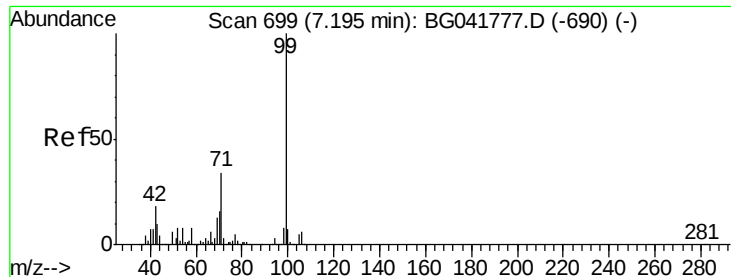
2-Fluorophenol
Concen: 128.480 ng
RT: 5.59 min Scan# 426
Delta R.T. 0.00 min
Lab File: BG041810.D
Acq: 30 Jul 2019 20:36

Tgt Ion:112 Resp: 513861
Ion Ratio Lower Upper
112 100
64 63.1 55.4 83.2
63 32.8 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: 127.229 ng

RT: 7.20 min Scan# 699

Delta R.T. 0.00 min

Lab File: BG041810.D

Acq: 30 Jul 2019 20:36

Instrument :

BNA_G

ClientSampleId :

PB121837BL

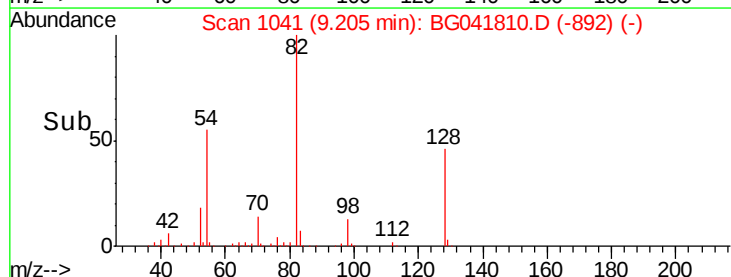
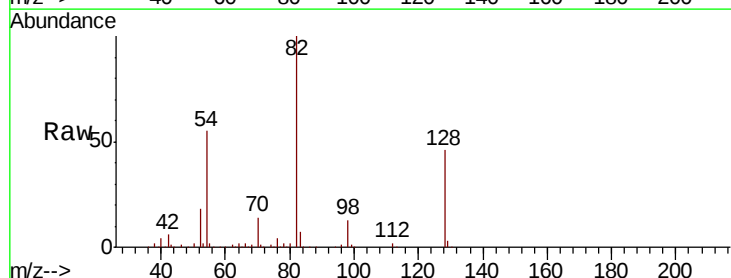
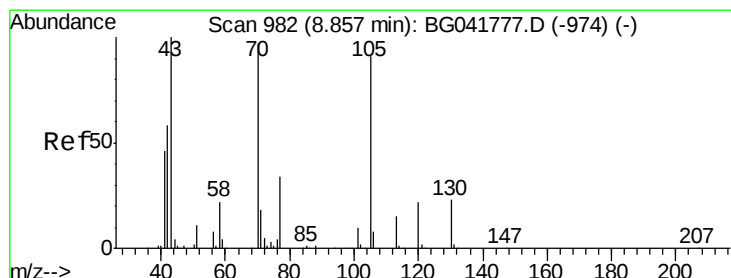
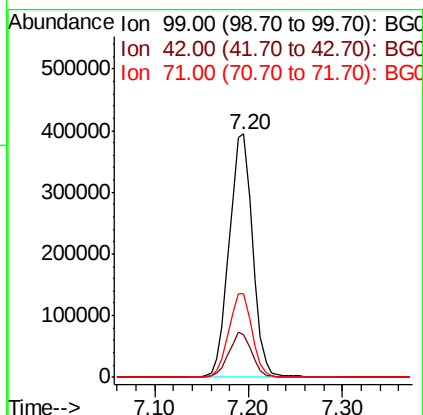
Tgt Ion: 99 Resp: 686025

Ion Ratio Lower Upper

99 100

42 17.8 17.6 26.4

71 34.5 27.8 41.6



#19

n-Nitroso-di-n-propylamine

Concen: 13.076 ng

RT: 9.20 min Scan# 1041

Delta R.T. 0.35 min

Lab File: BG041810.D

Acq: 30 Jul 2019 20:36

Tgt Ion: 70 Resp: 51187

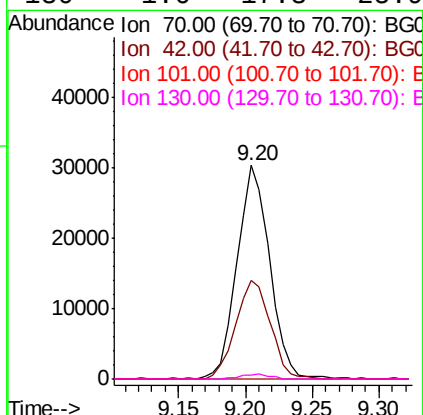
Ion Ratio Lower Upper

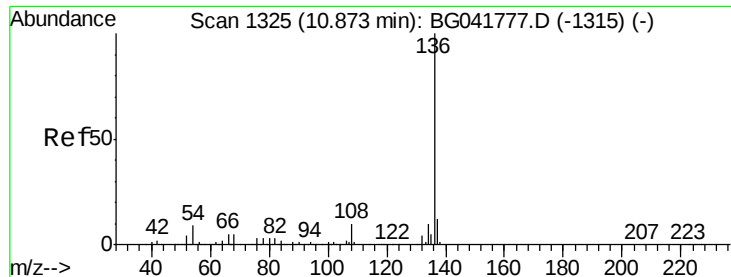
70 100

42 45.9 55.8 83.6#

101 0.0 8.1 12.1#

130 1.6 17.3 25.9#

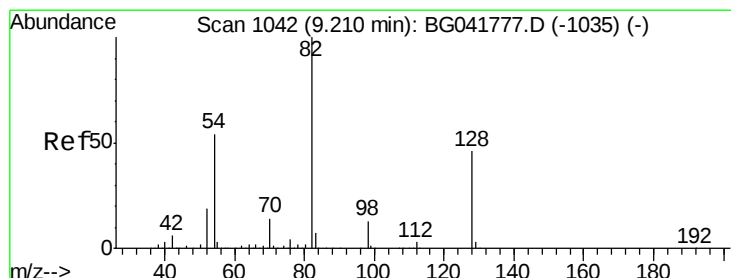
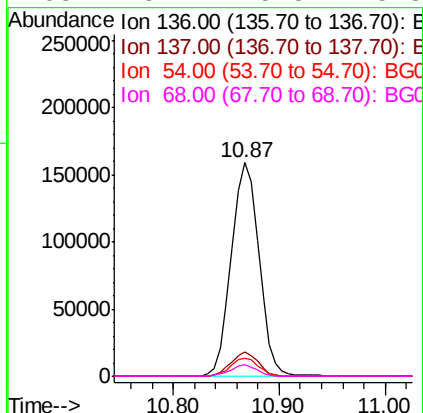
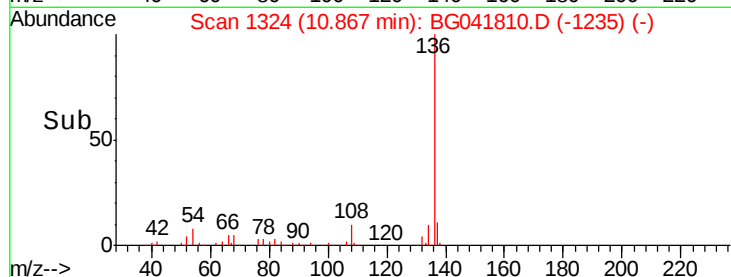
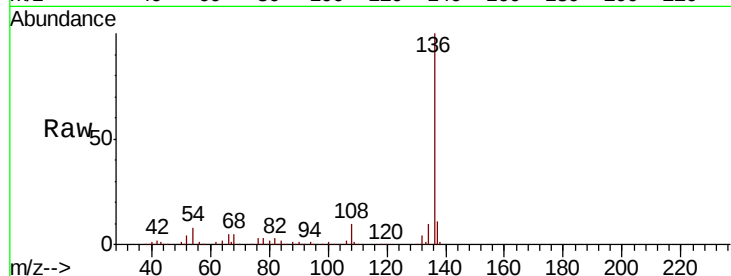




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG041810.D
Acq: 30 Jul 2019 20:36

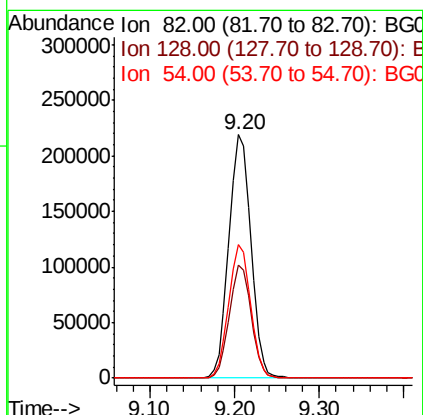
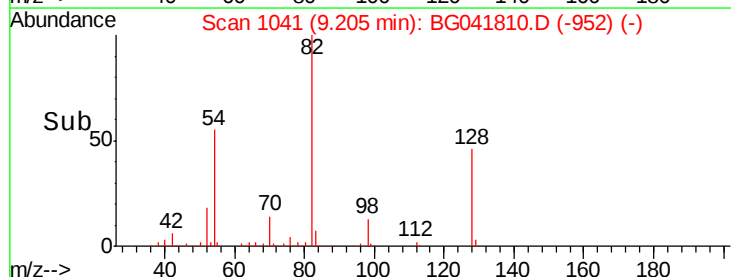
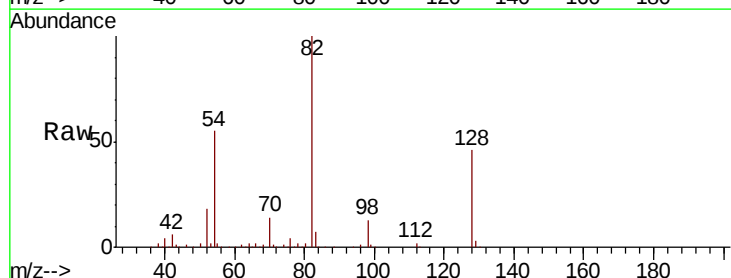
Instrument :
BNA_G
ClientSampleId :
PB121837BL

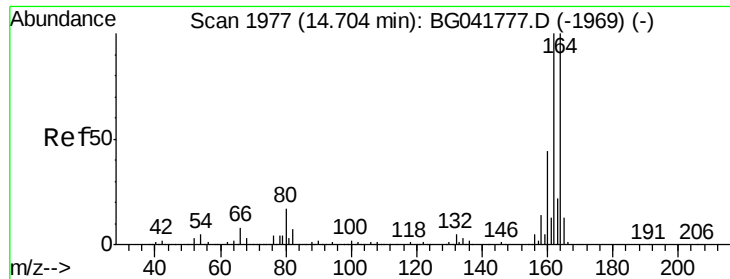
Tgt Ion:	136	Resp:	288892
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	8.3	8.7	13.1#
68	5.4	5.5	8.3#



#23
Nitrobenzene-d5
Concen: 93.887 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG041810.D
Acq: 30 Jul 2019 20:36

Tgt Ion:	82	Resp:	394141
Ion	Ratio	Lower	Upper
82	100		
128	46.3	35.1	52.7
54	54.9	48.7	73.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BG041810.D

Acq: 30 Jul 2019 20:36

Instrument :

BNA_G

ClientSampleId :

PB121837BL

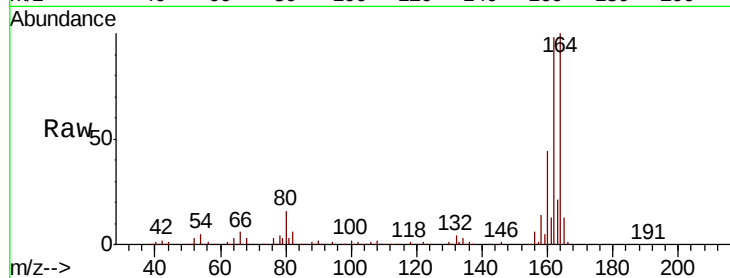
Tgt Ion:164 Resp: 204177

Ion Ratio Lower Upper

164 100

162 97.6 79.6 119.4

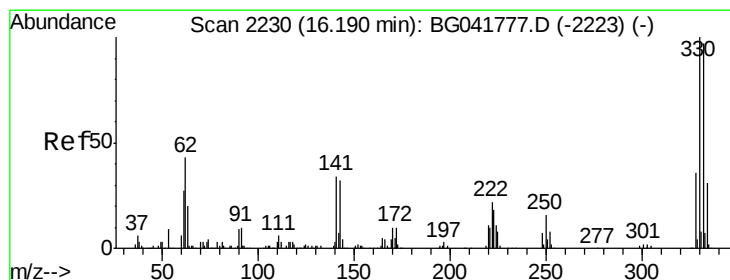
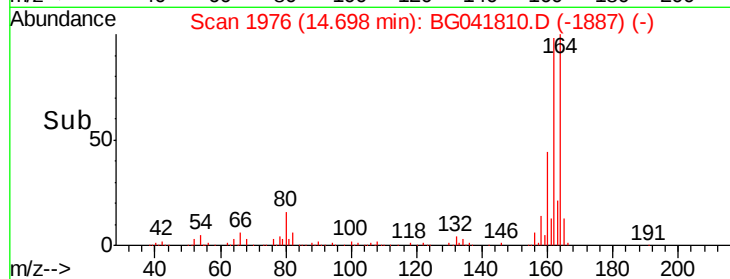
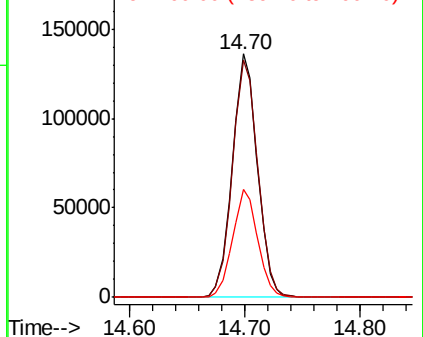
160 44.2 35.4 53.0



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: 131.687 ng

RT: 16.19 min Scan# 2230

Delta R.T. 0.00 min

Lab File: BG041810.D

Acq: 30 Jul 2019 20:36

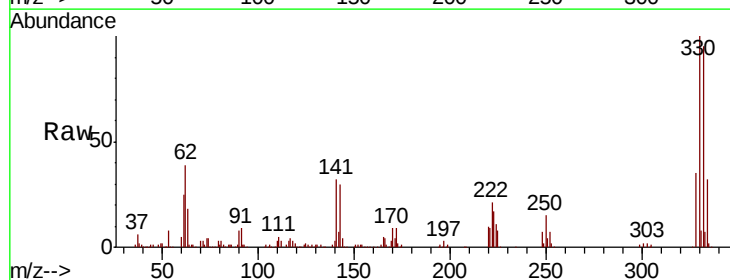
Tgt Ion:330 Resp: 305405

Ion Ratio Lower Upper

330 100

332 96.6 77.4 116.0

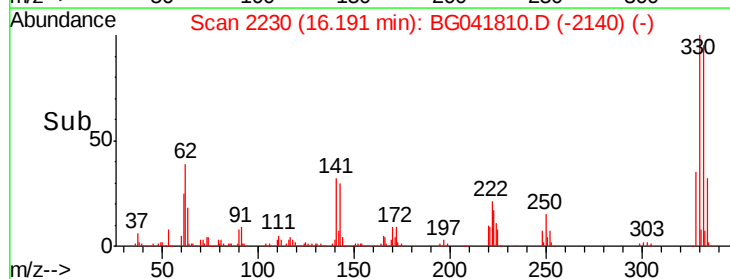
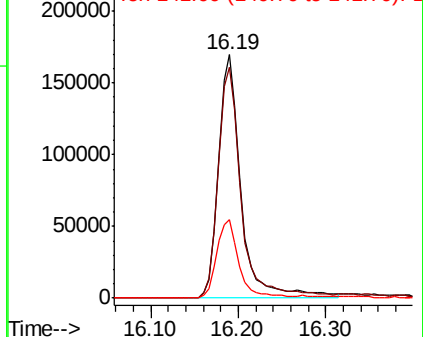
141 31.6 31.9 47.9#

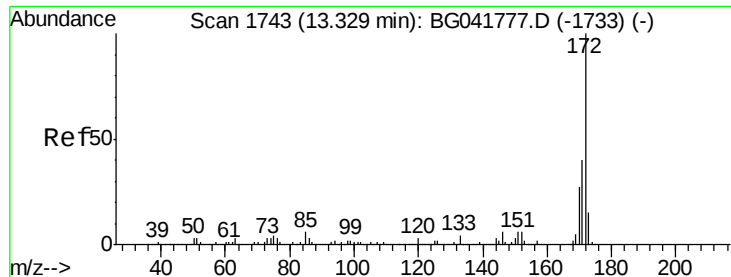


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

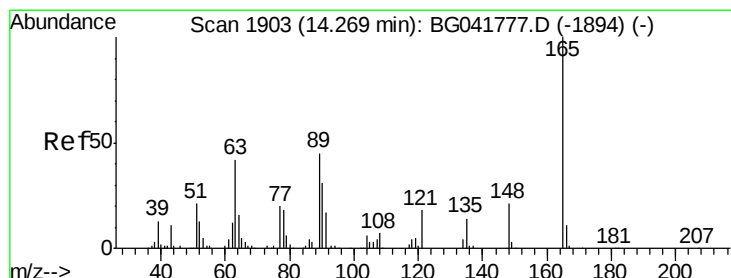
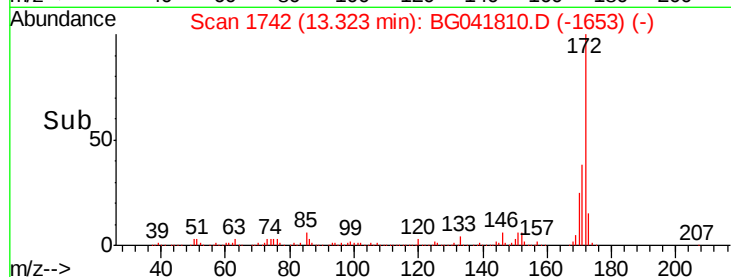
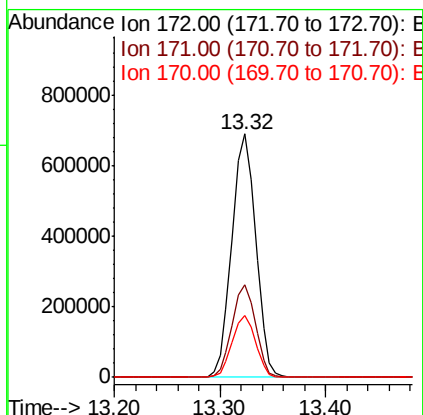
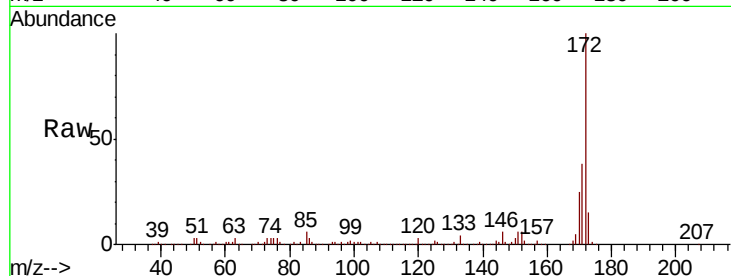




#45
 2-Fluorobiphenyl
 Concen: 93.464 ng
 RT: 13.32 min Scan# 1742
 Delta R.T. -0.01 min
 Lab File: BG041810.D
 Acq: 30 Jul 2019 20:36

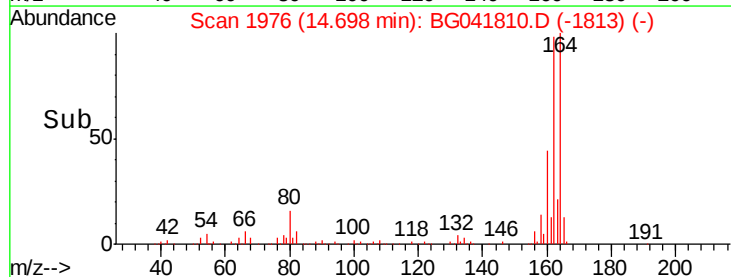
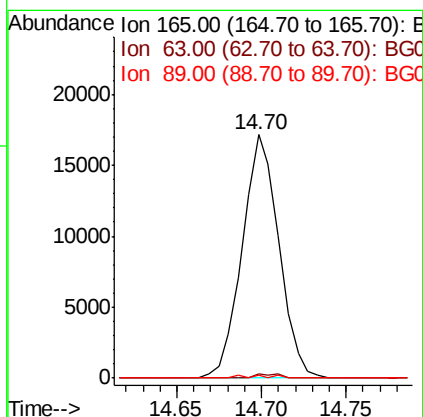
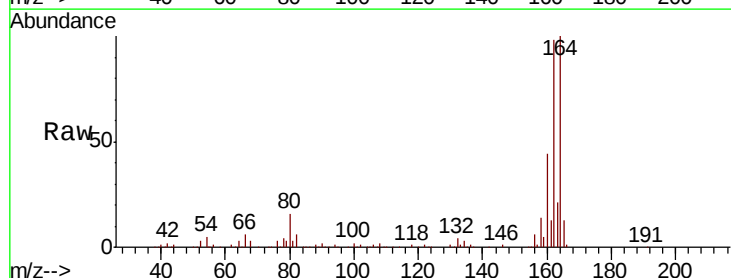
Instrument :
 BNA_G
 ClientSampleId :
 PB121837BL

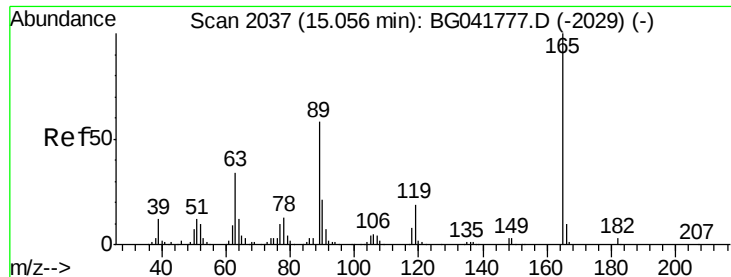
Tgt Ion:172 Resp: 1081984
 Ion Ratio Lower Upper
 172 100
 171 38.1 35.0 52.4
 170 25.4 23.5 35.3



#51
 2,6-Dinitrotoluene
 Concen: 8.878 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. 0.43 min
 Lab File: BG041810.D
 Acq: 30 Jul 2019 20:36

Tgt Ion:165 Resp: 25887
 Ion Ratio Lower Upper
 165 100
 63 1.7 42.4 63.6#
 89 1.2 42.1 63.1#





#57

2,4-Dinitrotoluene

Concen: 6.456 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.36 min

Lab File: BG041810.D

Acq: 30 Jul 2019 20:36

Instrument :

BNA_G

ClientSampleId :

PB121837BL

Tgt Ion:165 Resp: 25887

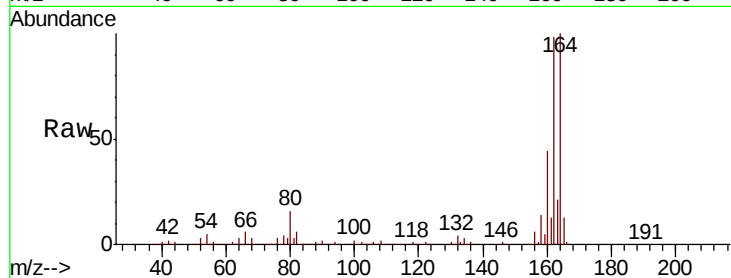
Ion Ratio Lower Upper

165 100

63 1.7 31.7 47.5#

89 1.2 50.2 75.4#

182 0.0 2.6 4.0#

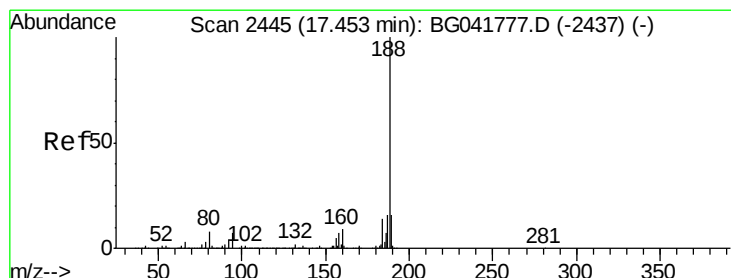
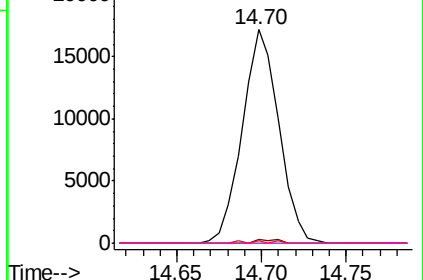
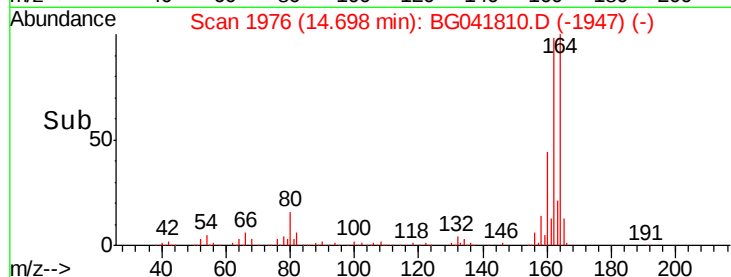


Abundance Ion 165.00 (164.70 to 165.70): E

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# 2444

Delta R.T. -0.01 min

Lab File: BG041810.D

Acq: 30 Jul 2019 20:36

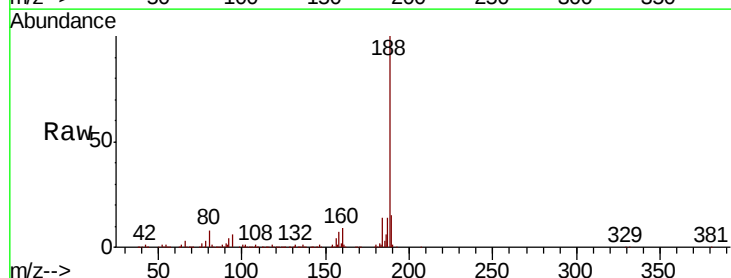
Tgt Ion:188 Resp: 527874

Ion Ratio Lower Upper

188 100

94 6.4 6.9 10.3#

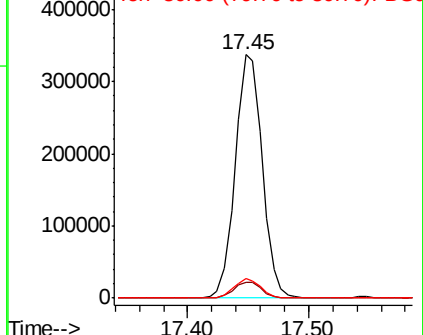
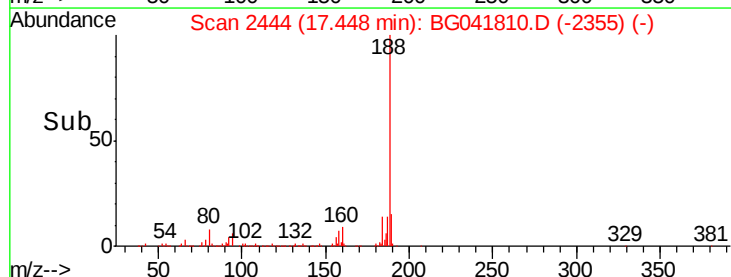
80 7.8 8.0 12.0#

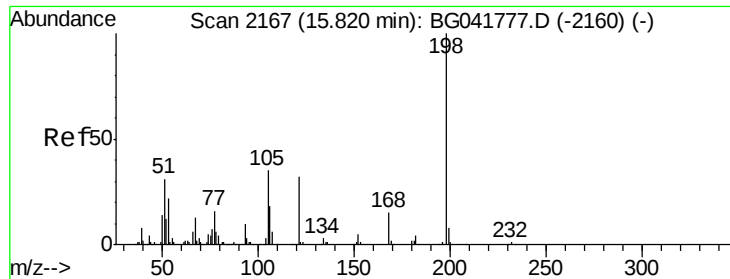


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

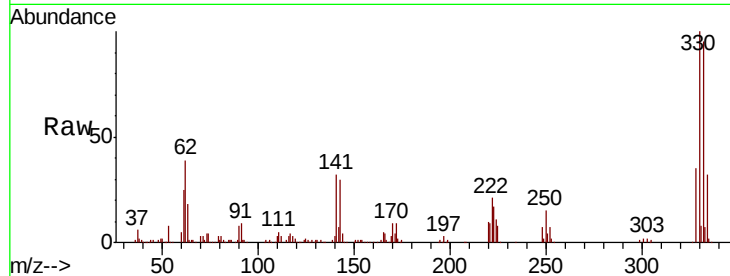




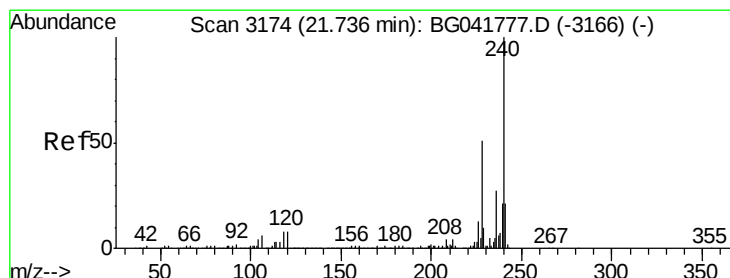
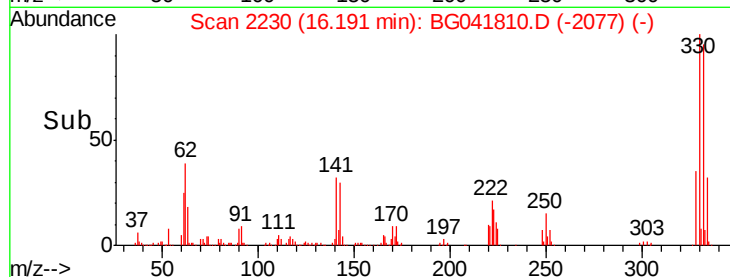
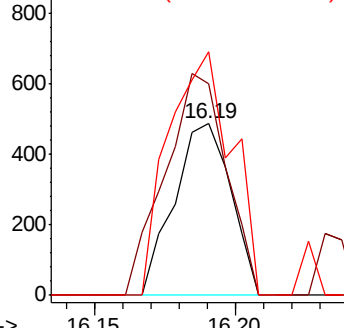
#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.077 ng
 RT: 16.19 min Scan# 2230
 Delta R.T. 0.37 min
 Lab File: BG041810.D
 Acq: 30 Jul 2019 20:36

Instrument :
 BNA_G
 ClientSampleId :
 PB121837BL

Tgt Ion:198 Resp: 677
 Ion Ratio Lower Upper
 198 100
 51 123.2 22.3 62.3#
 105 141.9 18.0 58.0#

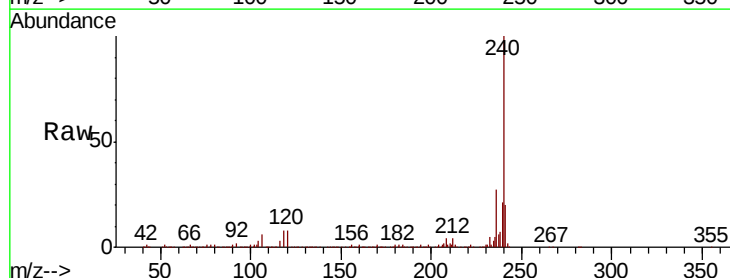


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

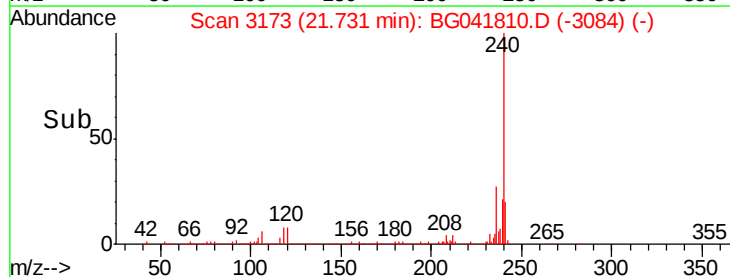
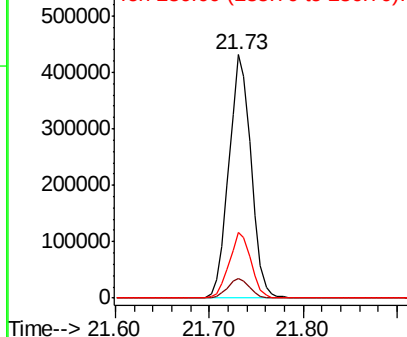


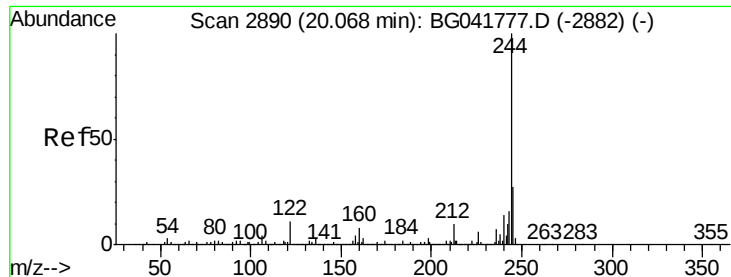
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.73 min Scan# 3173
 Delta R.T. -0.01 min
 Lab File: BG041810.D
 Acq: 30 Jul 2019 20:36

Tgt Ion:240 Resp: 708173
 Ion Ratio Lower Upper
 240 100
 120 8.0 8.0 12.0#
 236 27.1 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: 76.237 ng

RT: 20.07 min Scan# 2890

Delta R.T. 0.00 min

Lab File: BG041810.D

Acq: 30 Jul 2019 20:36

Instrument :

BNA_G

ClientSampleId :

PB121837BL

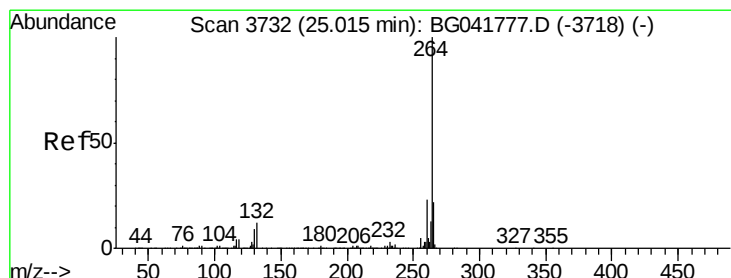
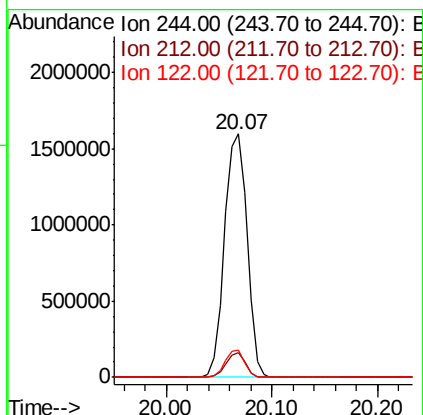
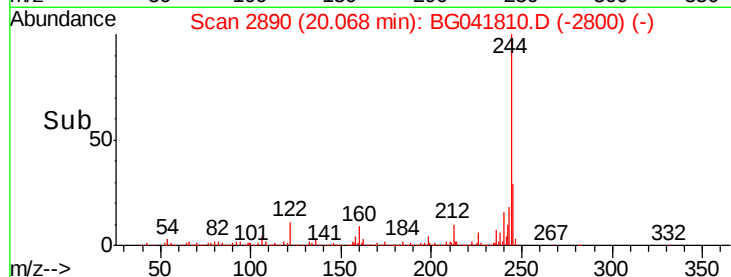
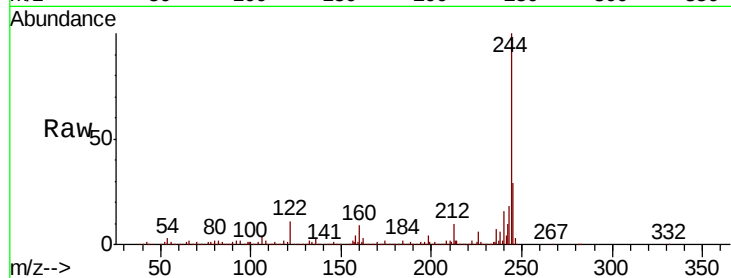
Tgt Ion:244 Resp: 2359392

Ion Ratio Lower Upper

244 100

212 10.4 9.7 14.5

122 11.0 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: BG041810.D

Acq: 30 Jul 2019 20:36

Tgt Ion:264 Resp: 808035

Ion Ratio Lower Upper

264 100

260 23.3 19.5 29.3

265 21.6 18.0 27.0

