

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071619\
 Data File : BG041679.D
 Acq On : 17 Jul 2019 4:32
 Operator : HP/JU
 Sample : PB121423TB
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB121423TB

Quant Time: Jul 17 07:23:34 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	108416	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	455272	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	288391	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	701882	20.00	ng	0.00
76) Chrysene-d12	21.65	240	696297	20.00	ng	-0.01
87) Perylene-d12	24.85	264	772665	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	809934	122.13	ng	0.00
7) Phenol-d6	7.20	99	1114601	124.95	ng	0.00
23) Nitrobenzene-d5	9.20	82	671381	89.68	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	397808	122.40	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1599007	85.86	ng	0.00
79) Terphenyl-d14	20.01	244	2417118	81.12	ng	0.00

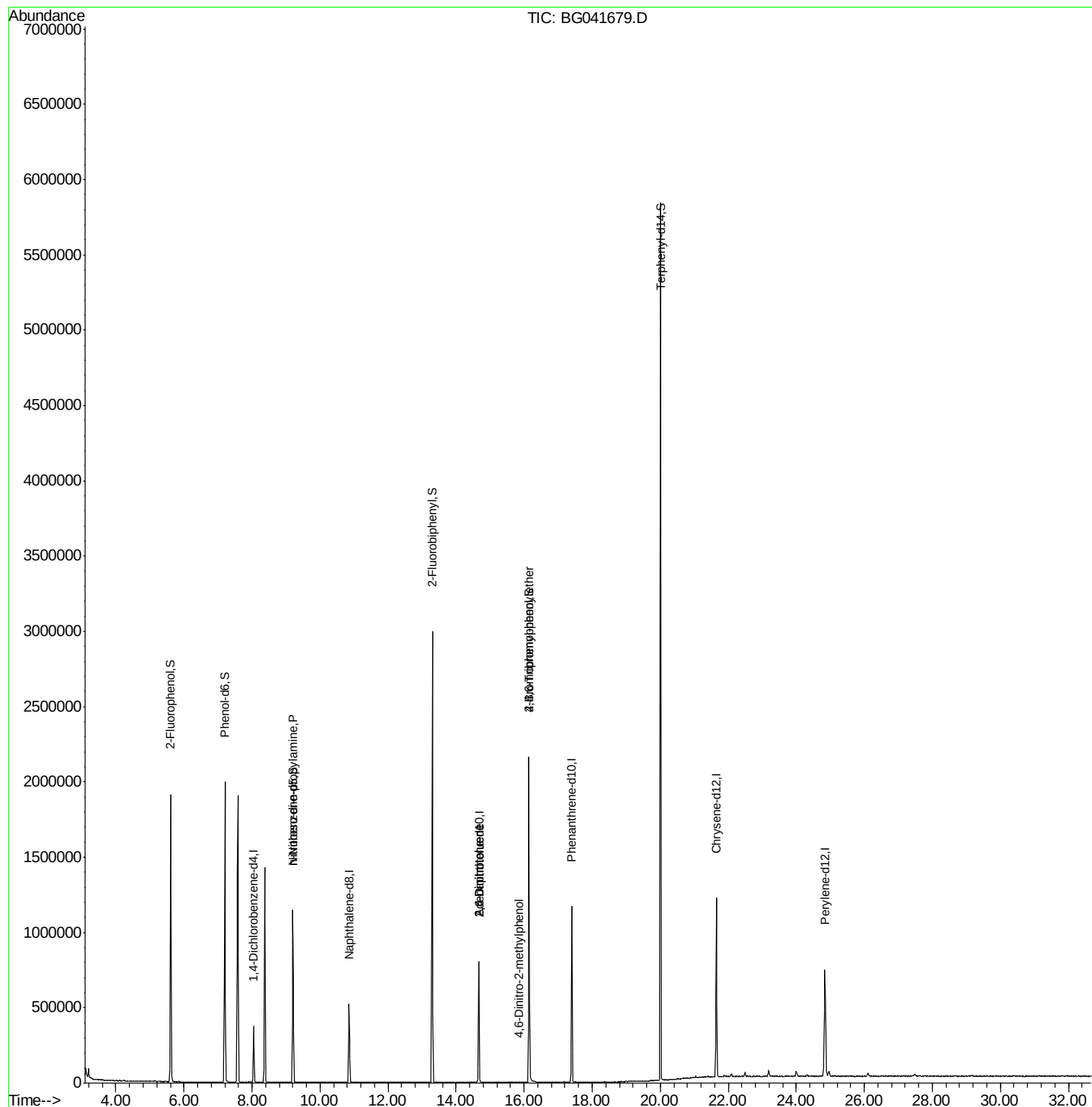
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	7.21	77	1883	Below Cal	#	3
19) n-Nitroso-di-n-propylamine	9.20	70	90618	13.899	ng	# 74
51) 2,6-Dinitrotoluene	14.67	165	36983	7.698	ng	# 28
57) 2,4-Dinitrotoluene	14.67	165	36983	5.823	ng	# 29
65) 4,6-Dinitro-2-methylphenol	15.83	198	58	6.689	ng	# 35
67) 4-Bromophenyl-phenylether	16.14	248	31072	3.721	ng	# 1

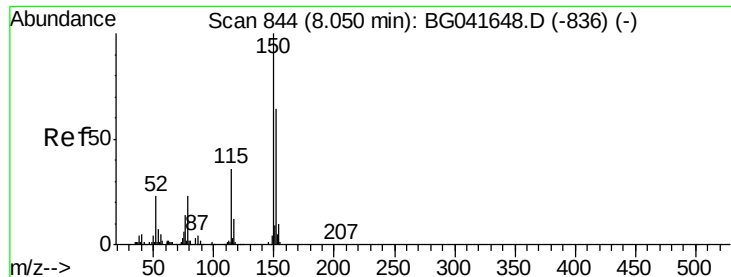
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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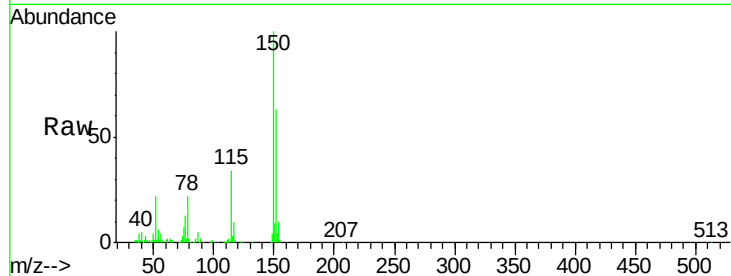


#1

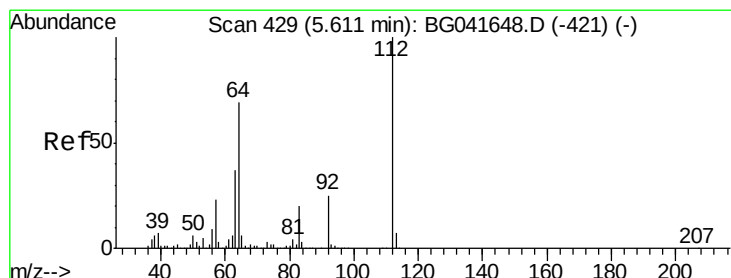
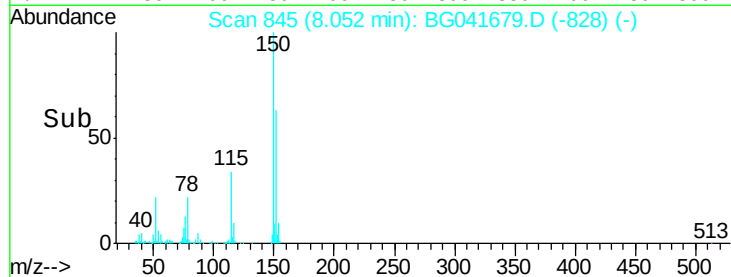
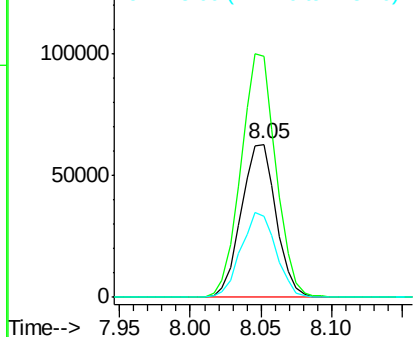
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.00 min
Lab File: BG041679.D
Acq: 17 Jul 2019 4:32

Instrument :
BNA_G
ClientSampleId :
PB121423TB

Tgt Ion:152 Resp: 108416
Ion Ratio Lower Upper
152 100
150 157.9 126.9 190.3
115 53.4 45.0 67.6



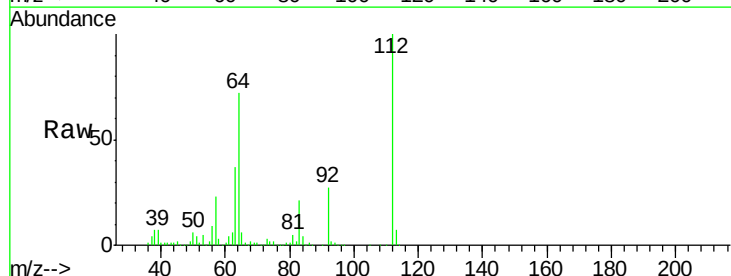
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



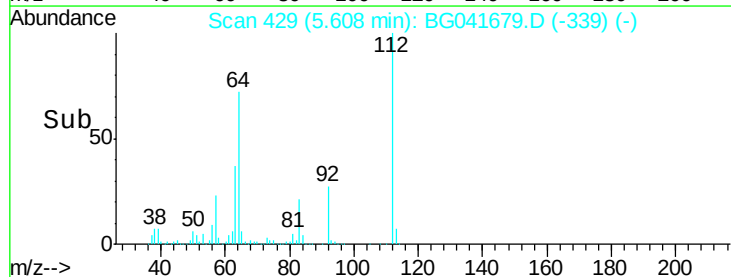
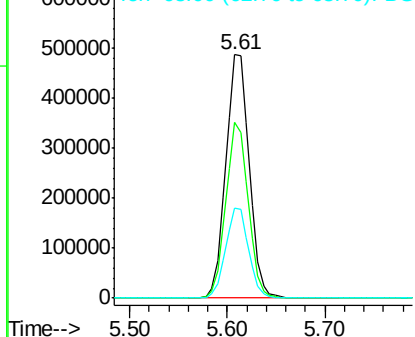
#5

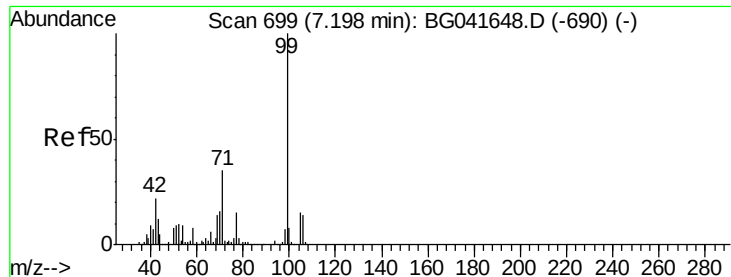
2-Fluorophenol
Concen: 122.126 ng
RT: 5.61 min Scan# 429
Delta R.T. -0.00 min
Lab File: BG041679.D
Acq: 17 Jul 2019 4:32

Tgt Ion:112 Resp: 809934
Ion Ratio Lower Upper
112 100
64 72.2 55.4 83.2
63 37.1 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: 124.951 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG041679.D

Acq: 17 Jul 2019 4:32

Instrument :

BNA_G

ClientSampleId :

PB121423TB

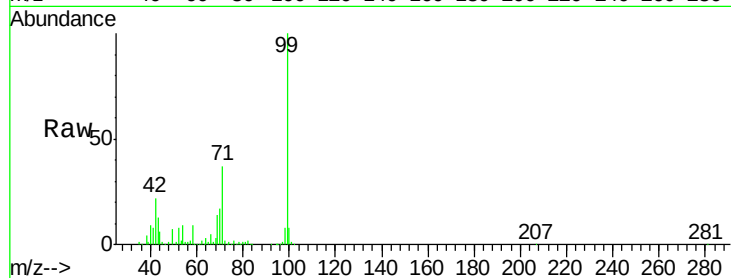
Tgt Ion: 99 Resp: 1114601

Ion Ratio Lower Upper

99 100

42 22.4 17.6 26.4

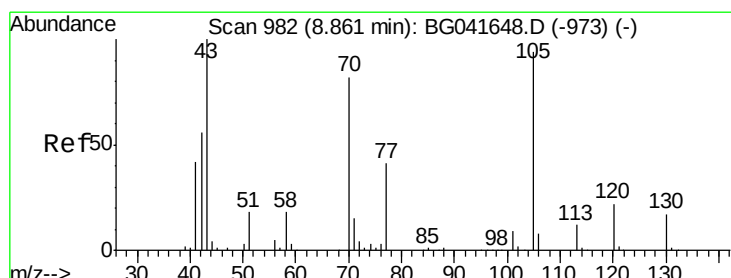
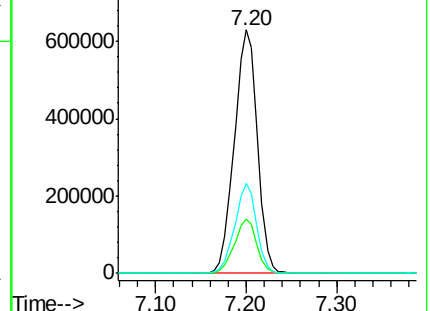
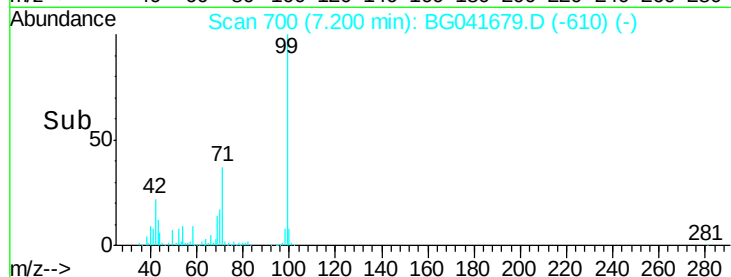
71 37.1 27.8 41.6



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: 13.899 ng

RT: 9.20 min Scan# 1041

Delta R.T. 0.34 min

Lab File: BG041679.D

Acq: 17 Jul 2019 4:32

Tgt Ion: 70 Resp: 90618

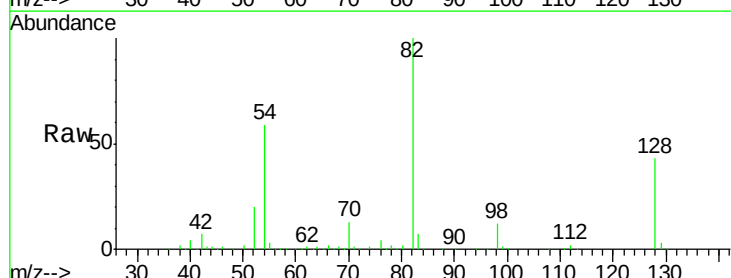
Ion Ratio Lower Upper

70 100

42 52.8 55.8 83.6#

101 0.0 8.1 12.1#

130 2.3 17.3 25.9#

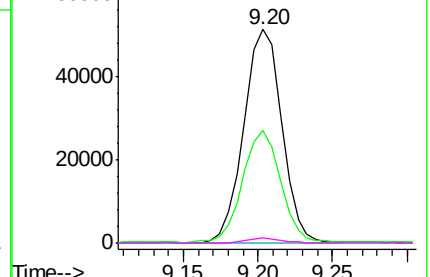
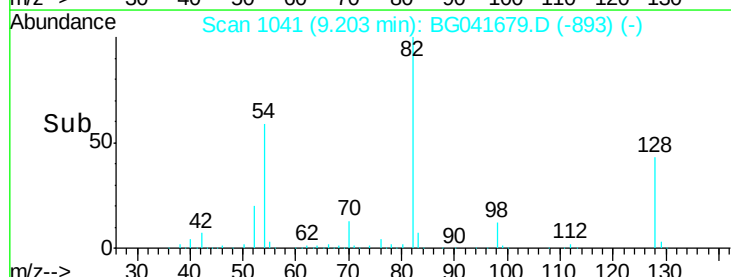


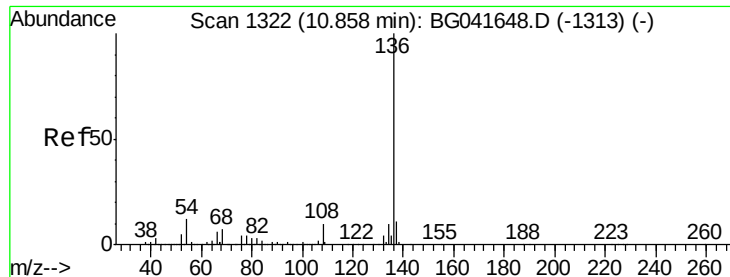
Abundance Ion 70.00 (69.70 to 70.70): BGC

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

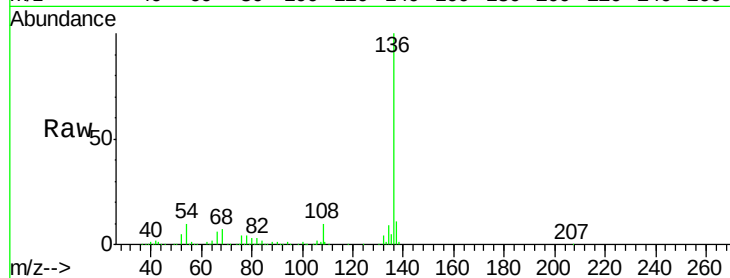




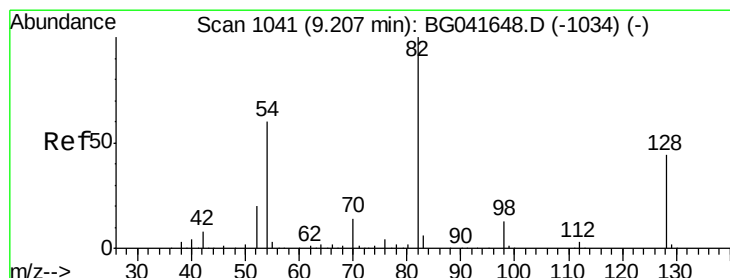
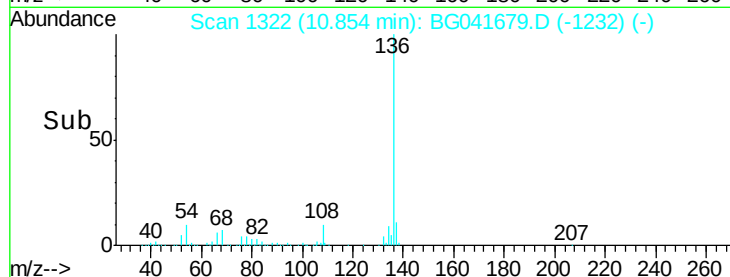
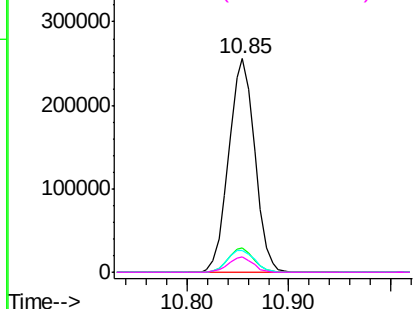
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG041679.D
Acq: 17 Jul 2019 4:32

Instrument :
BNA_G
ClientSampleId :
PB121423TB

Tgt Ion:	136	Resp:	455272
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	10.1	8.7	13.1
68	7.0	5.5	8.3

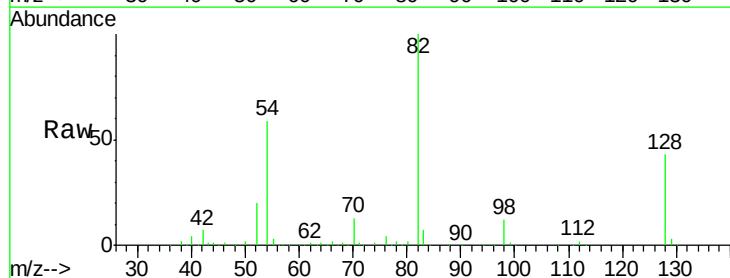


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

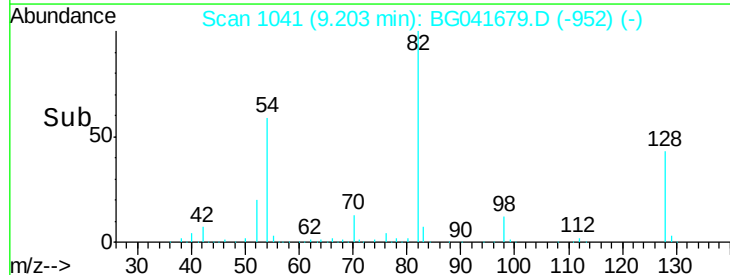
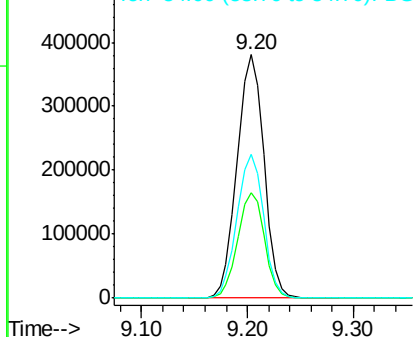


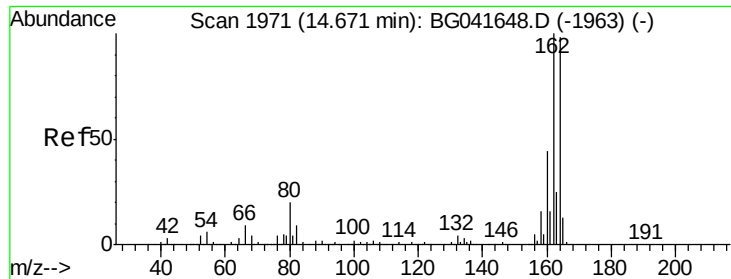
#23
Nitrobenzene-d5
Concen: 89.683 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG041679.D
Acq: 17 Jul 2019 4:32

Tgt Ion:	82	Resp:	671381
Ion	Ratio	Lower	Upper
82	100		
128	43.2	35.1	52.7
54	59.1	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

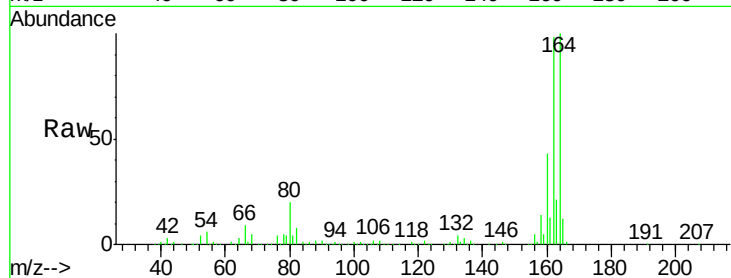




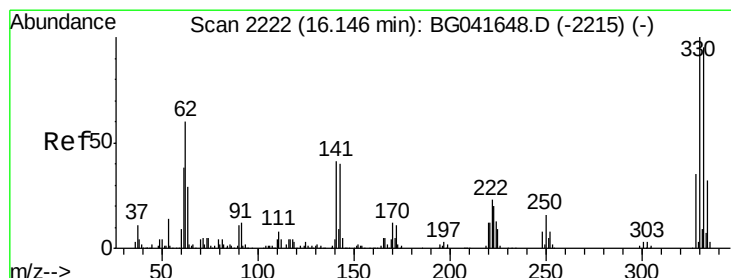
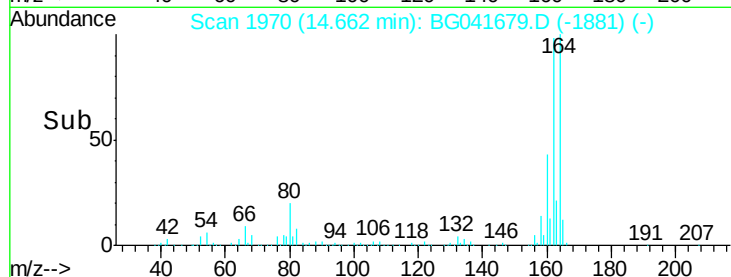
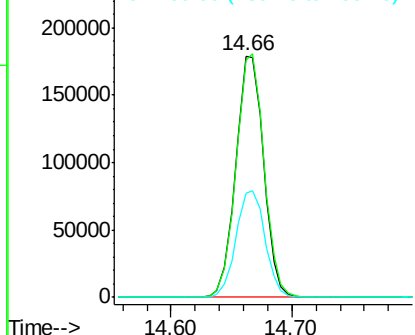
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG041679.D
Acq: 17 Jul 2019 4:32

Instrument :
BNA_G
ClientSampleId :
PB121423TB

Tgt Ion:164 Resp: 288391
Ion Ratio Lower Upper
164 100
162 98.1 79.6 119.4
160 43.1 35.4 53.0

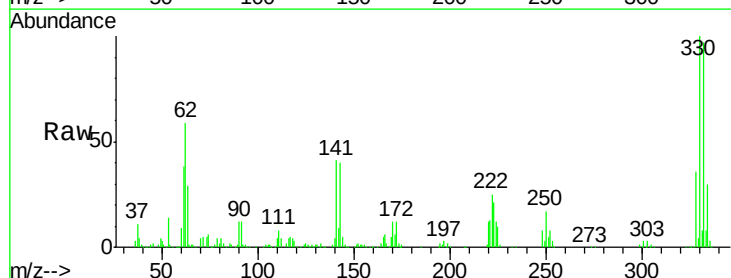


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

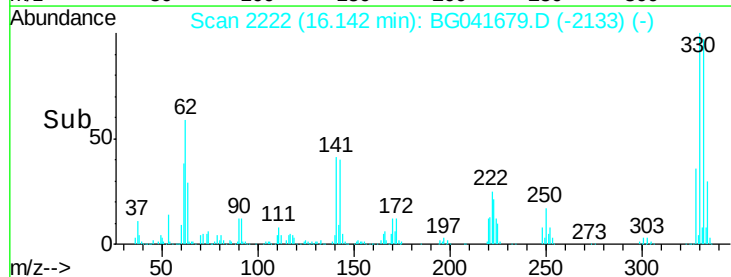
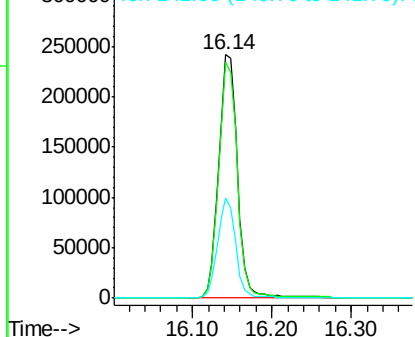


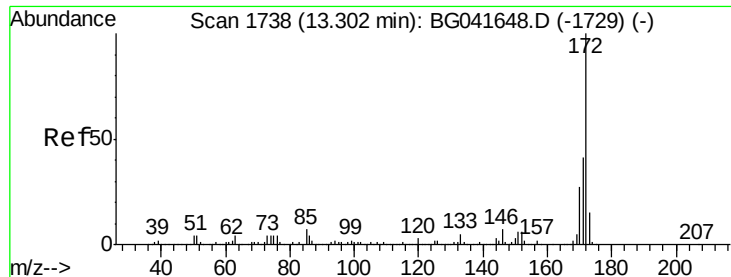
#42
2,4,6-Tribromophenol
Concen: 122.398 ng
RT: 16.14 min Scan# 2222
Delta R.T. -0.01 min
Lab File: BG041679.D
Acq: 17 Jul 2019 4:32

Tgt Ion:330 Resp: 397808
Ion Ratio Lower Upper
330 100
332 95.3 77.4 116.0
141 39.4 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

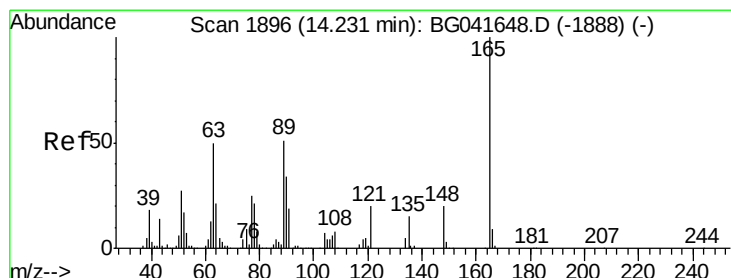
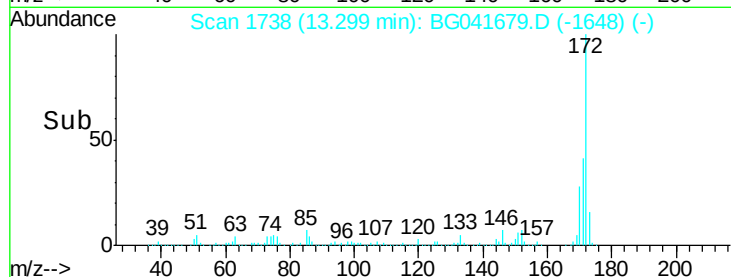
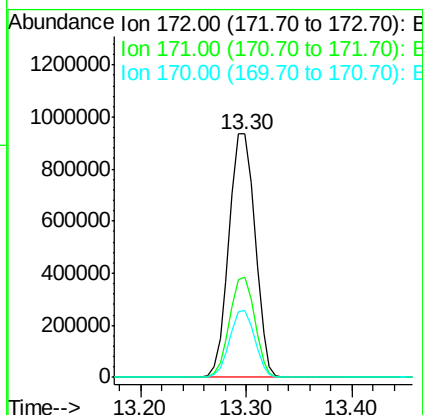
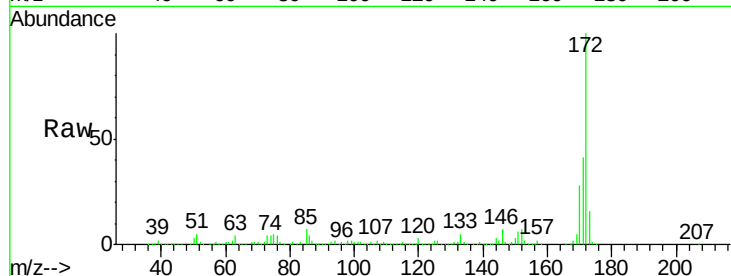




#45
 2-Fluorobiphenyl
 Concen: 85.858 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.00 min
 Lab File: BG041679.D
 Acq: 17 Jul 2019 4:32

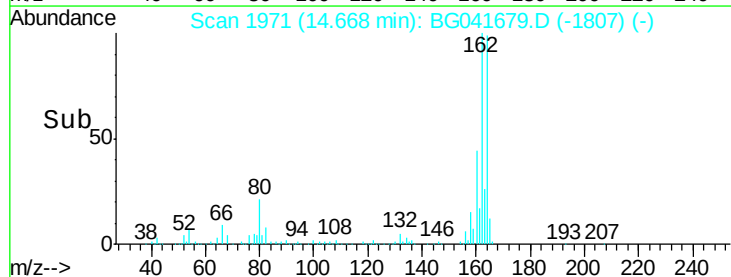
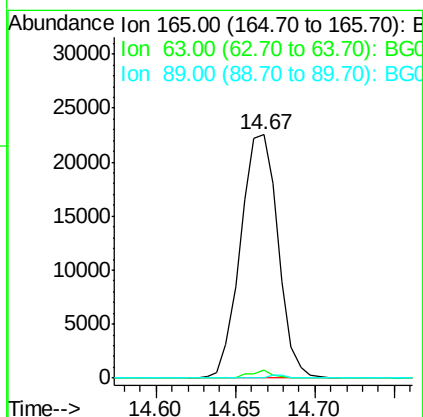
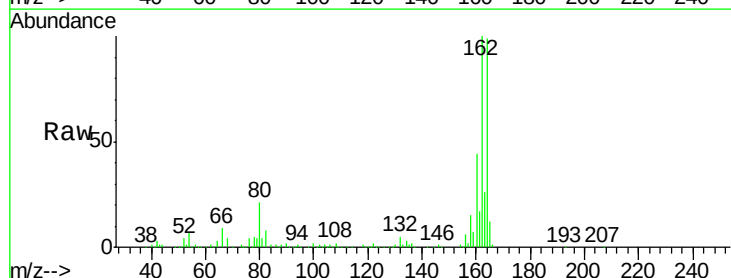
Instrument :
 BNA_G
 ClientSampleId :
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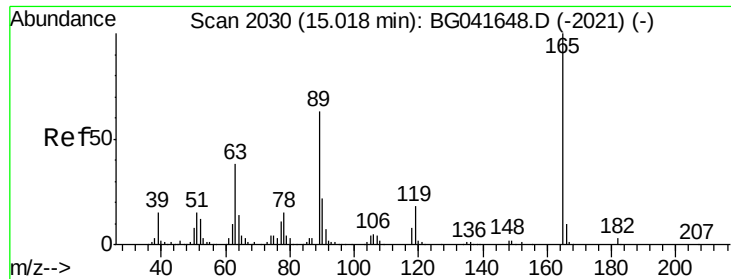
Tgt Ion:172 Resp: 1599007
 Ion Ratio Lower Upper
 172 100
 171 41.3 35.0 52.4
 170 27.6 23.5 35.3



#51
 2,6-Dinitrotoluene
 Concen: 7.698 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. 0.43 min
 Lab File: BG041679.D
 Acq: 17 Jul 2019 4:32

Tgt Ion:165 Resp: 36983
 Ion Ratio Lower Upper
 165 100
 63 3.4 42.4 63.6#
 89 0.0 42.1 63.1#





#57

2,4-Dinitrotoluene

Concen: 5.823 ng

RT: 14.67 min Scan# 1971

Delta R.T. -0.36 min

Lab File: BG041679.D

Acq: 17 Jul 2019 4:32

Instrument :

BNA_G

ClientSampleId :

PB121423TB

Tgt Ion:165 Resp: 36983

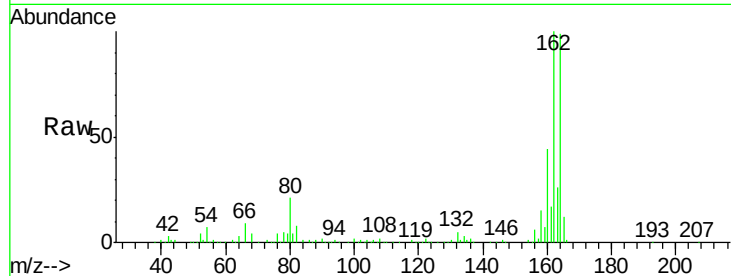
Ion Ratio Lower Upper

165 100

63 3.4 31.7 47.5#

89 0.0 50.2 75.4#

182 0.0 2.6 4.0#

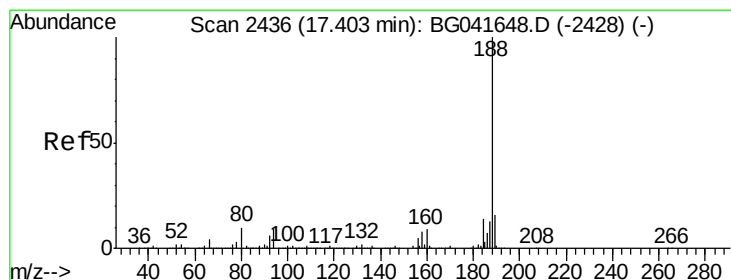
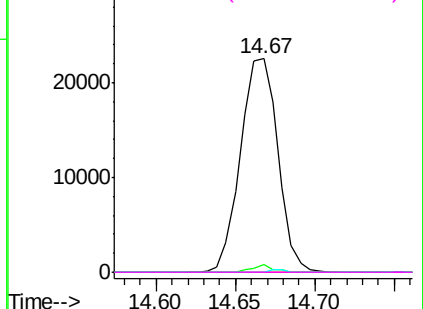
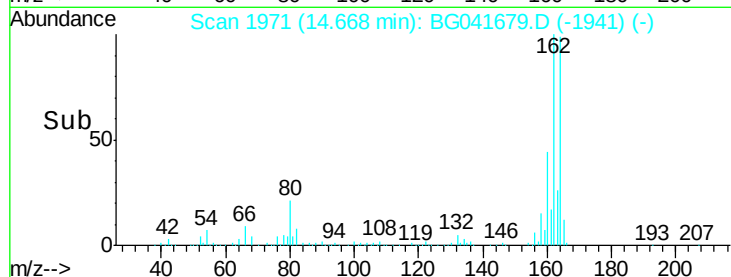


Abundance Ion 165.00 (164.70 to 165.70): E

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# 2436

Delta R.T. -0.01 min

Lab File: BG041679.D

Acq: 17 Jul 2019 4:32

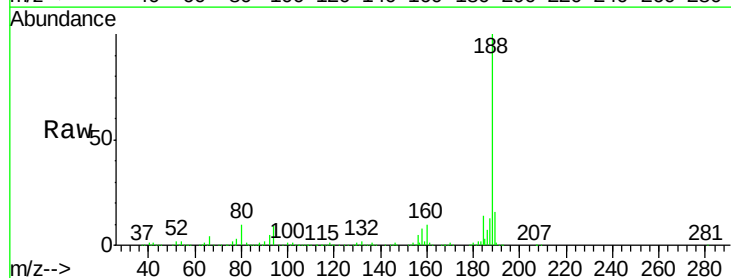
Tgt Ion:188 Resp: 701882

Ion Ratio Lower Upper

188 100

94 9.0 6.9 10.3

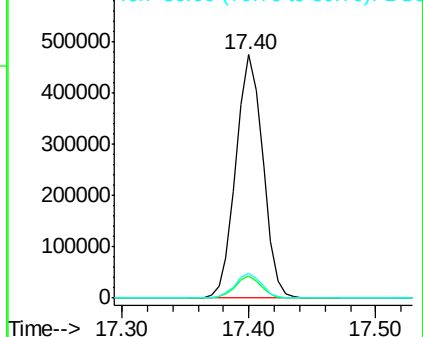
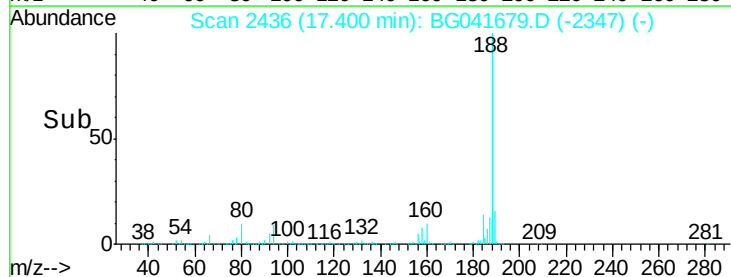
80 10.2 8.0 12.0

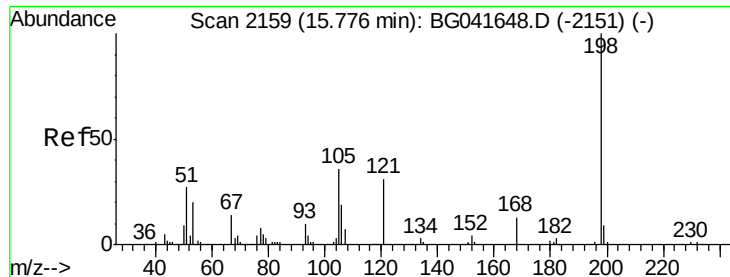


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

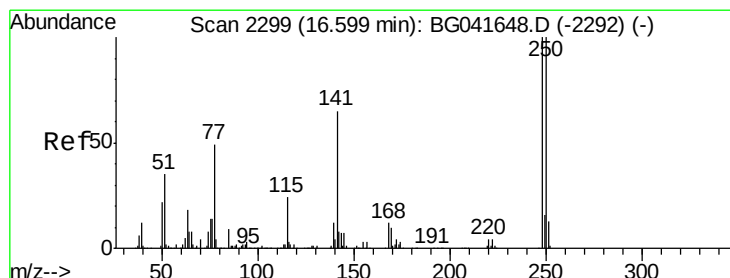
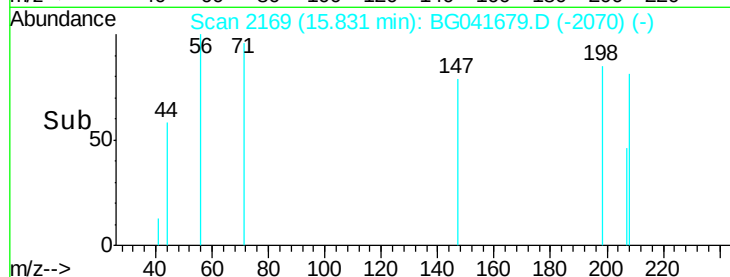
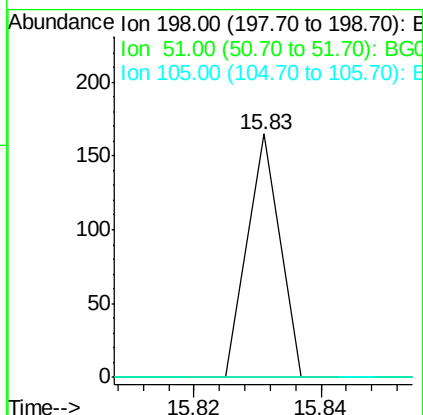
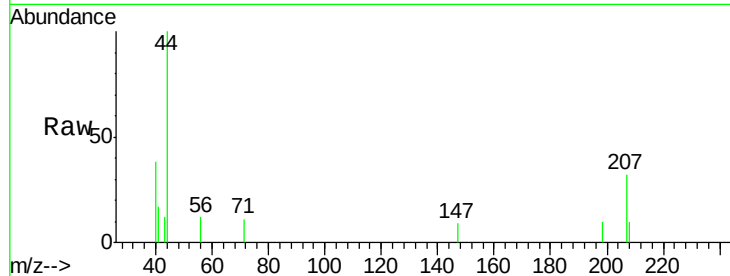




#65
 4,6-Dinitro-2-methylphenol
 Concen: 6.689 ng
 RT: 15.83 min Scan# 2169
 Delta R.T. 0.05 min
 Lab File: BG041679.D
 Acq: 17 Jul 2019 4:32

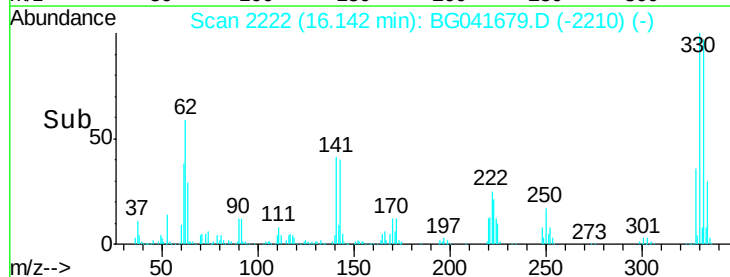
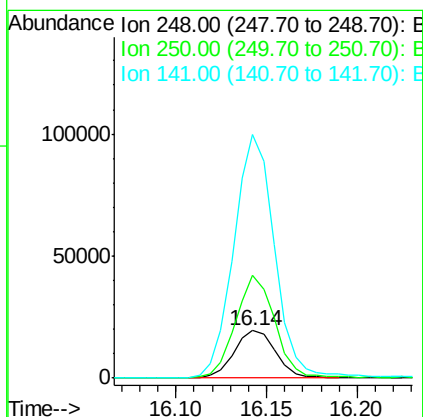
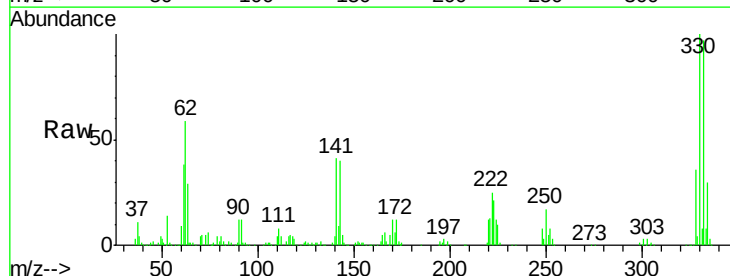
Instrument :
 BNA_G
 ClientSampleId :
 PB121423TB

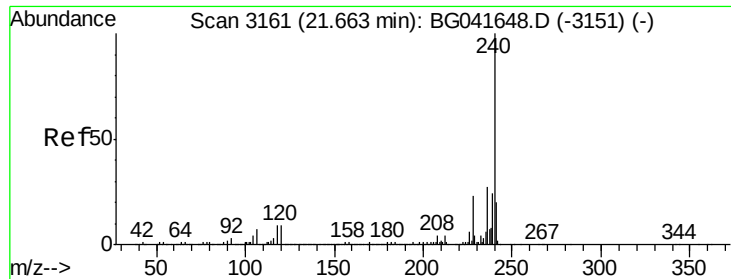
Tgt Ion:198 Resp: 58
 Ion Ratio Lower Upper
 198 100
 51 0.0 22.3 62.3#
 105 0.0 18.0 58.0#



#67
 4-Bromophenyl-phenylether
 Concen: 3.721 ng
 RT: 16.14 min Scan# 2222
 Delta R.T. -0.46 min
 Lab File: BG041679.D
 Acq: 17 Jul 2019 4:32

Tgt Ion:248 Resp: 31072
 Ion Ratio Lower Upper
 248 100
 250 216.9 78.1 117.1#
 141 515.5 49.6 74.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.01 min

Lab File: BG041679.D

Acq: 17 Jul 2019 4:32

Instrument :

BNA_G

ClientSampleId :

PB121423TB

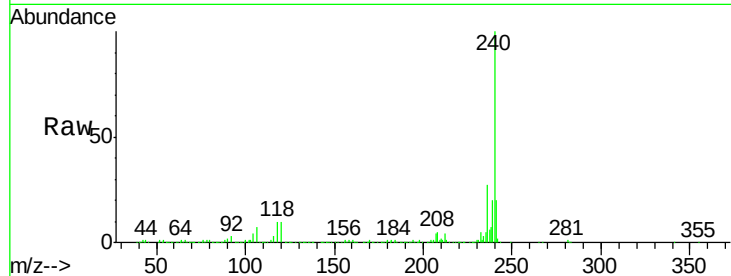
Tgt Ion:240 Resp: 696297

Ion Ratio Lower Upper

240 100

120 10.0 8.0 12.0

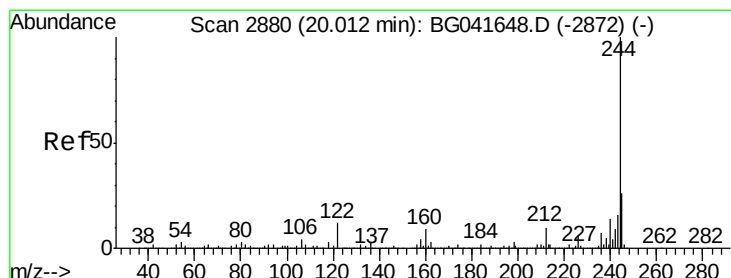
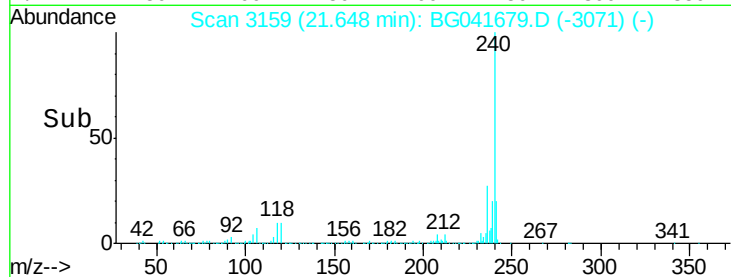
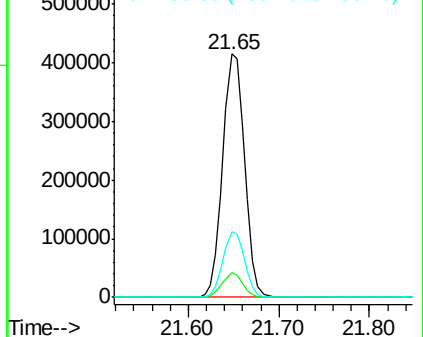
236 27.1 22.6 33.8



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: 81.122 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.00 min

Lab File: BG041679.D

Acq: 17 Jul 2019 4:32

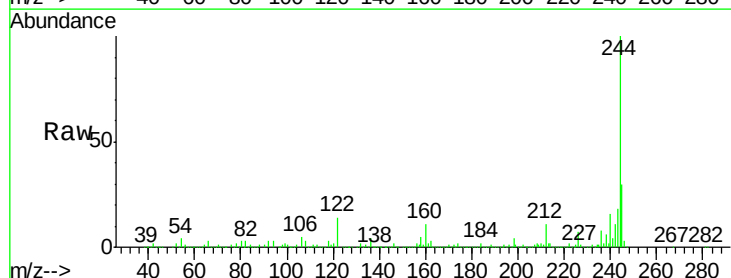
Tgt Ion:244 Resp: 2417118

Ion Ratio Lower Upper

244 100

212 11.2 9.7 14.5

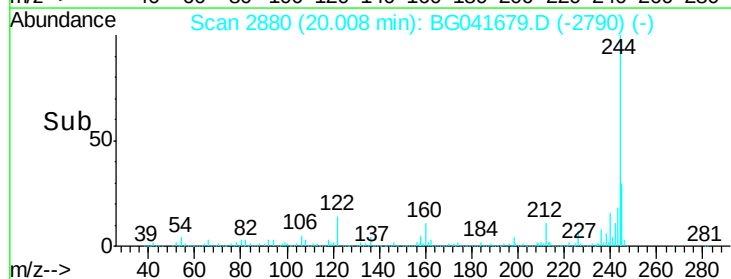
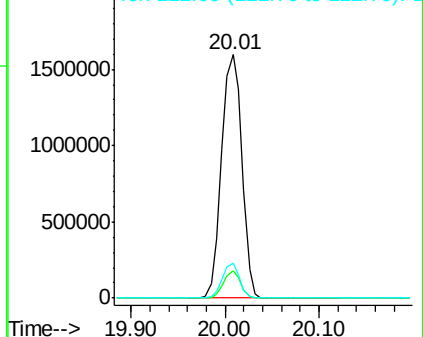
122 14.4 12.5 18.7

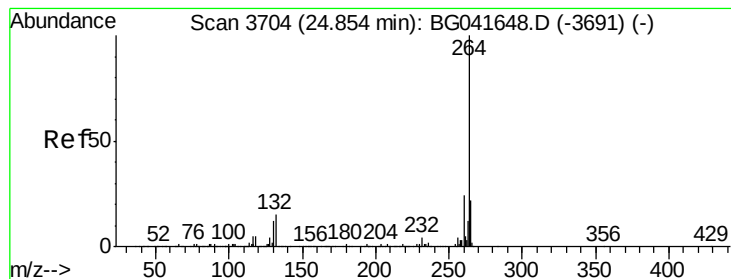


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.85 min Scan# 3704

Delta R.T. -0.01 min

Lab File: BG041679.D

Acq: 17 Jul 2019 4:32

Instrument :

BNA_G

ClientSampleId :

PB121423TB

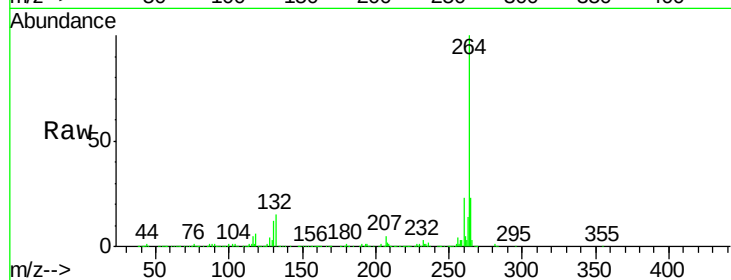
Tgt Ion: 264 Resp: 772665

Ion Ratio Lower Upper

264 100

260 23.4 19.5 29.3

265 22.6 18.0 27.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

