

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071719\
 Data File : BG041704.D
 Acq On : 18 Jul 2019 1:28
 Operator : HP/JU
 Sample : K3835-28
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 18 07:12:48 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

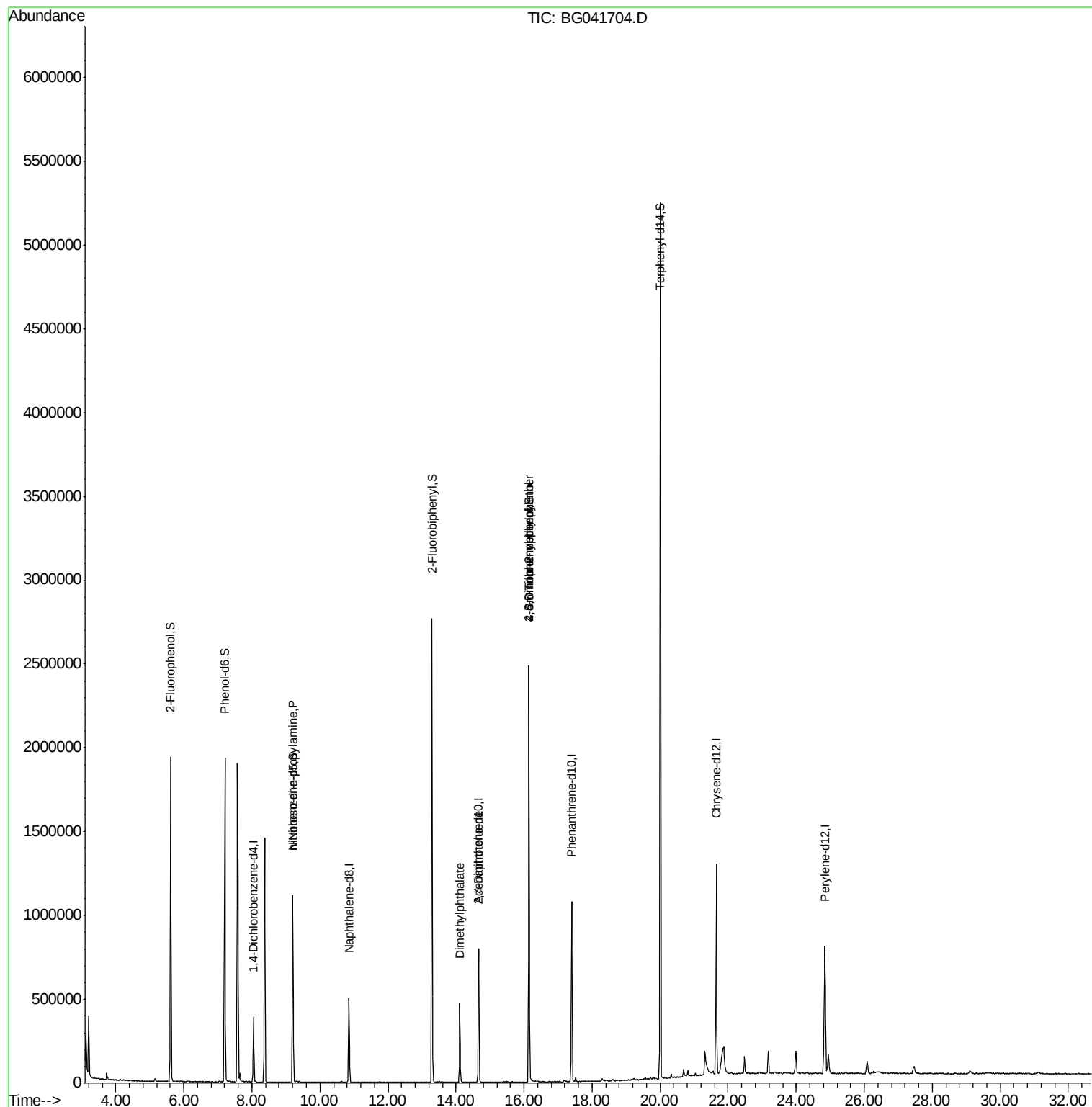
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	110577	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	442813	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	275563	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	688714	20.00	ng	0.00
76) Chrysene-d12	21.65	240	707270	20.00	ng	-0.01
87) Perylene-d12	24.84	264	805068	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	819272	121.12	ng	0.00
7) Phenol-d6	7.20	99	1118561	122.94	ng	0.00
23) Nitrobenzene-d5	9.20	82	679527	93.32	ng	-0.01
42) 2,4,6-Tribromophenol	16.14	330	447707	144.16	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	1405867	79.00	ng	0.00
79) Terphenyl-d14	20.00	244	2187622	72.28	ng	0.00
Target Compounds						
9) Benzaldehyde	7.20	77	2227	Below Cal	#	3
19) n-Nitroso-di-n-propylamine	9.21	70	92427	13.899	ng	# 69
50) Dimethylphthalate	14.11	163	329501	15.225	ng	# 98
57) 2,4-Dinitrotoluene	14.66	165	34780	5.731	ng	# 30
65) 4,6-Dinitro-2-methylphenol	16.14	198	1535	7.078	ng	# 1
67) 4-Bromophenyl-phenylether	16.14	248	36614	4.468	ng	# 1
77) Benizidine	20.00	184	39819	Below Cal	#	94

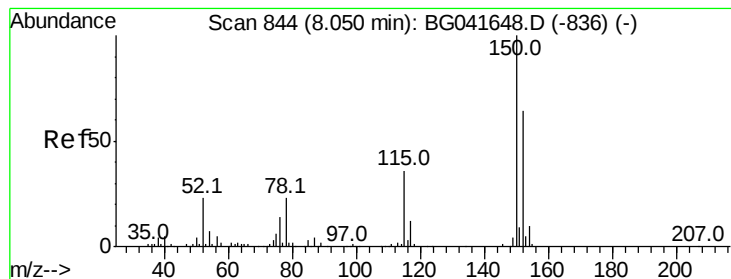
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.05 min Scan# 844

Delta R.T. -0.01 min

Lab File: BG041704.D

Acq: 18 Jul 2019 1:28

Instrument :

BNA_G

ClientSampleId :

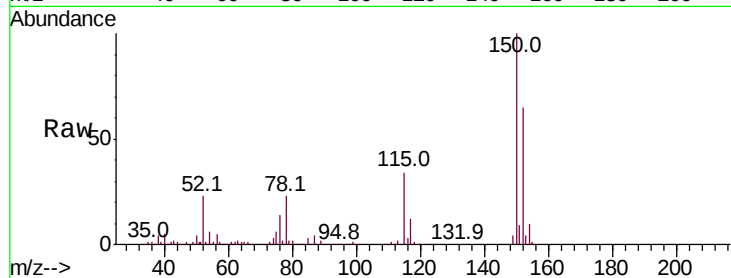
Tot Ion:152 Resp: 110577

Ion Ratio Lower Upper

152 100

150 155.0 126.9 190.3

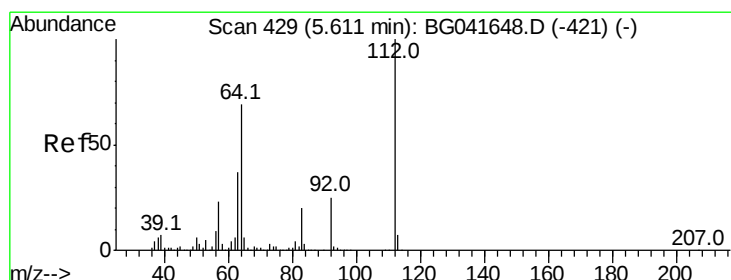
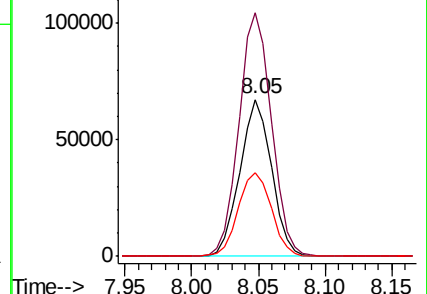
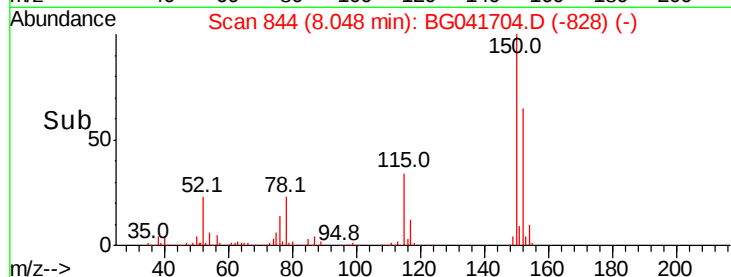
115 53.3 45.0 67.6



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: 121.120 ng

RT: 5.61 min Scan# 429

Delta R.T. -0.00 min

Lab File: BG041704.D

Acq: 18 Jul 2019 1:28

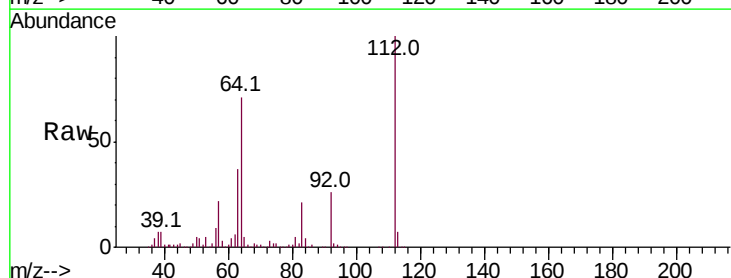
Tgt Ion:112 Resp: 819272

Ion Ratio Lower Upper

112 100

64 70.6 55.4 83.2

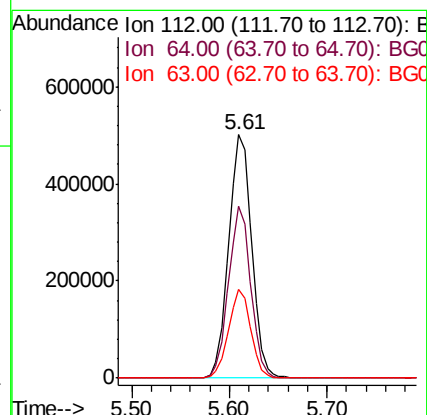
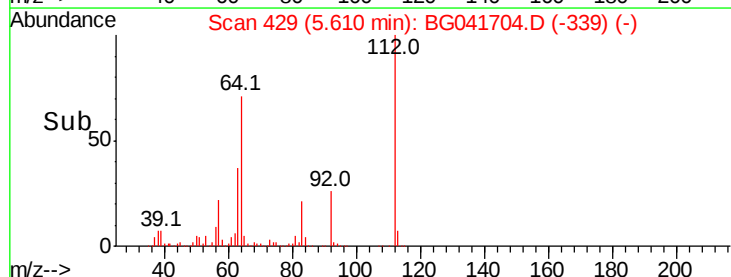
63 36.5 29.1 43.7

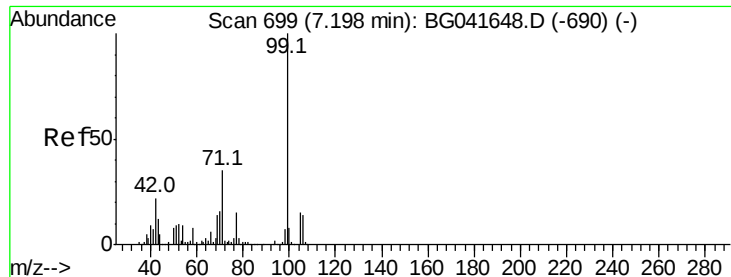


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 122.945 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG041704.D

Acq: 18 Jul 2019 1:28

Instrument :

BNA_G

ClientSampleId :

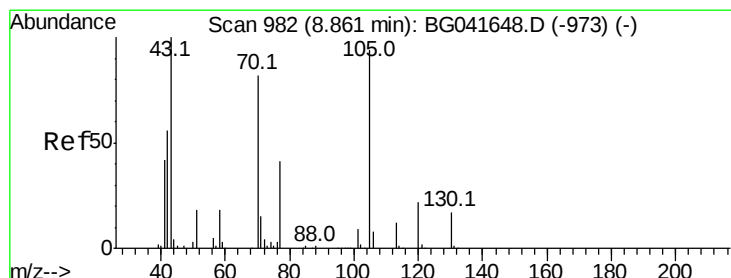
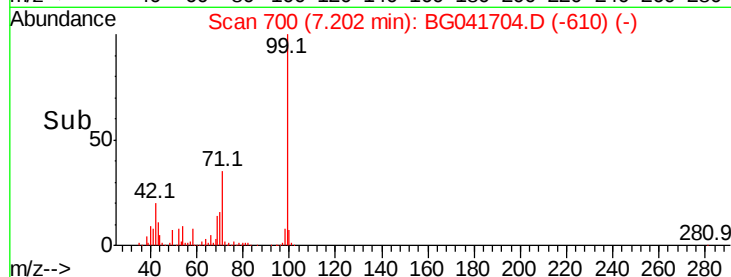
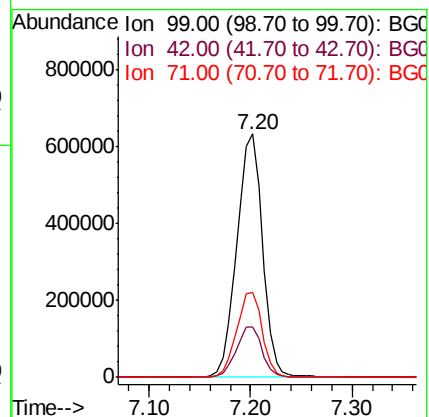
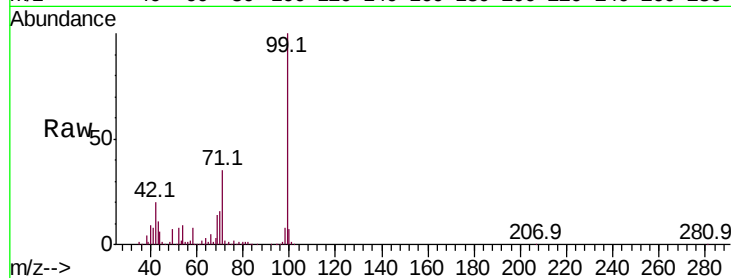
Tot Ion: 99 Resp: 1118561

Ion Ratio Lower Upper

99 100

42 20.5 17.6 26.4

71 34.8 27.8 41.6



#19

n-Nitroso-di-n-propylamine

Concen: 13.899 ng

RT: 9.21 min Scan# 1041

Delta R.T. 0.34 min

Lab File: BG041704.D

Acq: 18 Jul 2019 1:28

Tgt Ion: 70 Resp: 92427

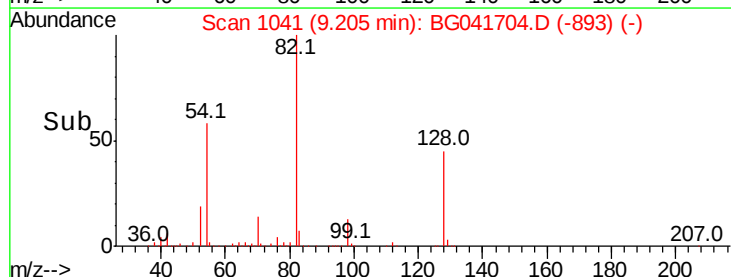
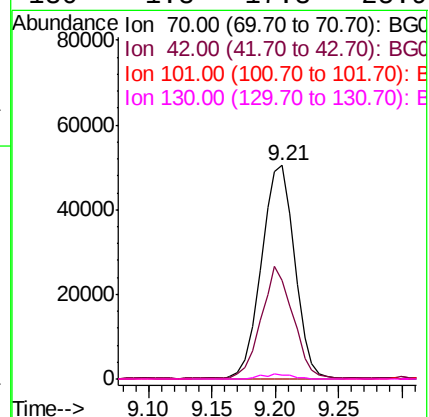
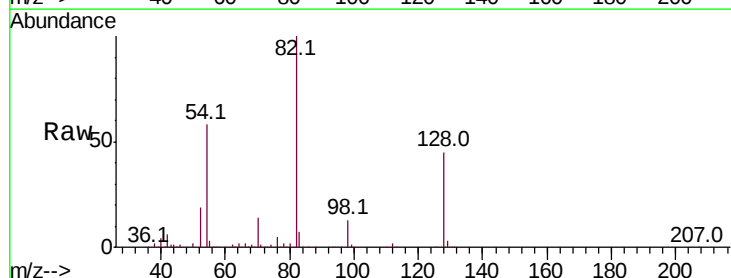
Ion Ratio Lower Upper

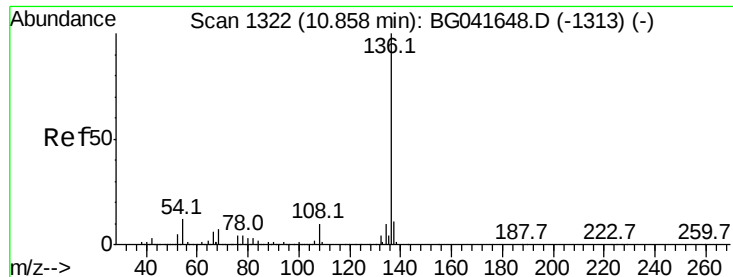
70 100

42 46.2 55.8 83.6#

101 0.0 8.1 12.1#

130 1.8 17.3 25.9#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.85 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BG041704.D

Acq: 18 Jul 2019 1:28

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 442813

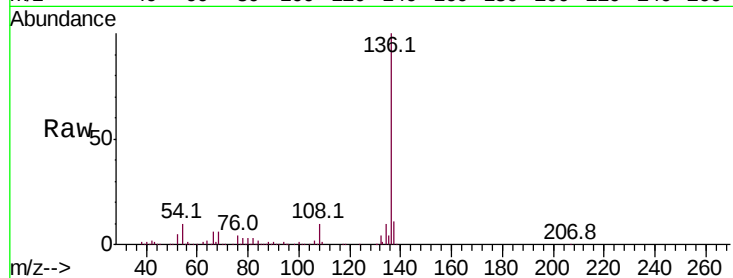
Ion Ratio Lower Upper

136 100

137 10.5 9.2 13.8

54 10.5 8.7 13.1

68 6.4 5.5 8.3

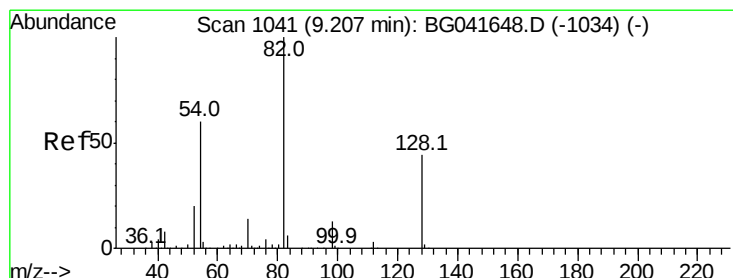
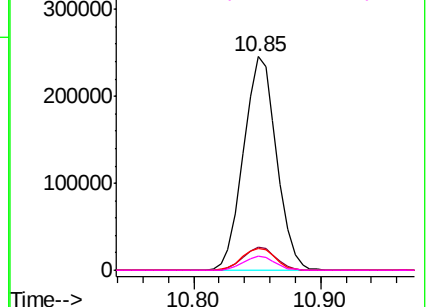
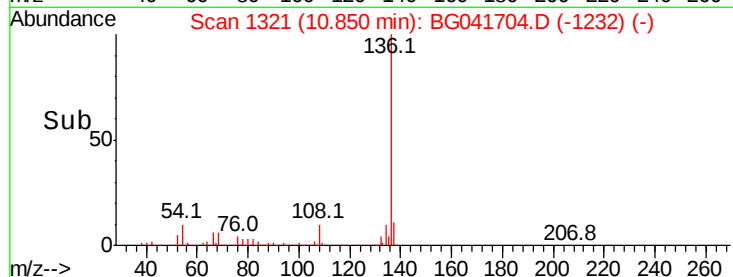


Abundance Ion 136.00 (135.70 to 136.70): E

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: 93.325 ng

RT: 9.20 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BG041704.D

Acq: 18 Jul 2019 1:28

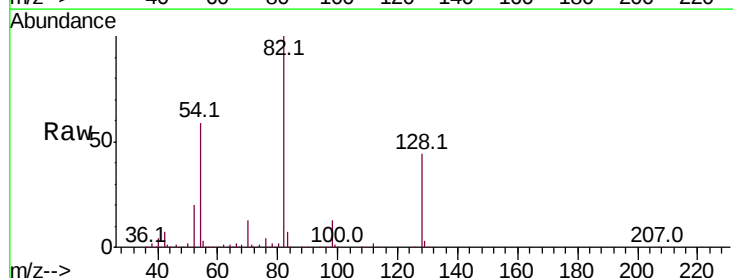
Tgt Ion: 82 Resp: 679527

Ion Ratio Lower Upper

82 100

128 44.3 35.1 52.7

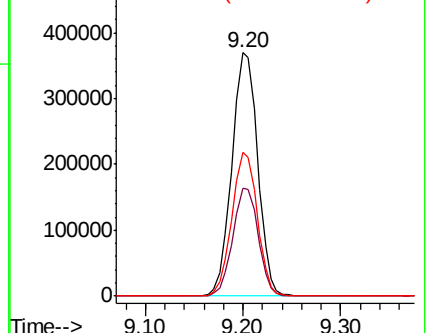
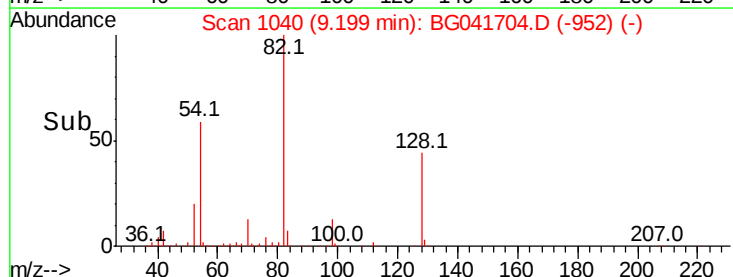
54 58.8 48.7 73.1

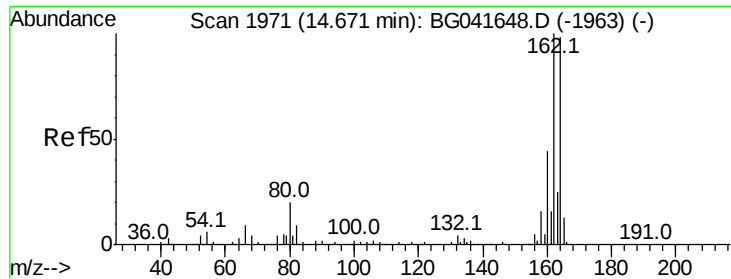


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

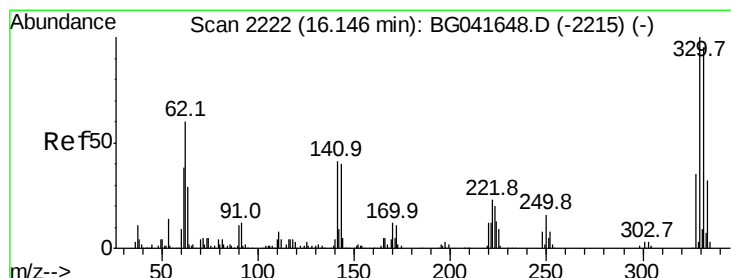
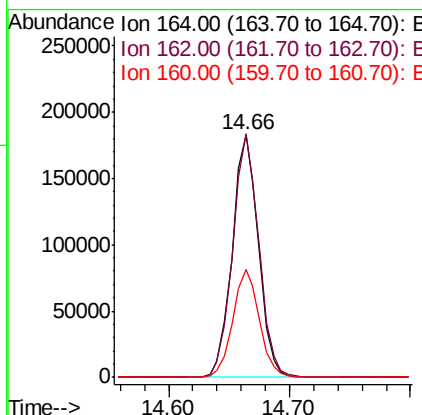
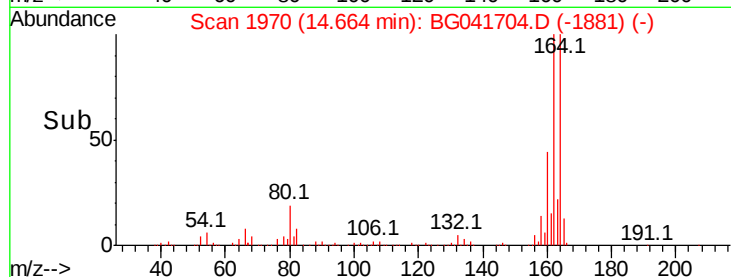
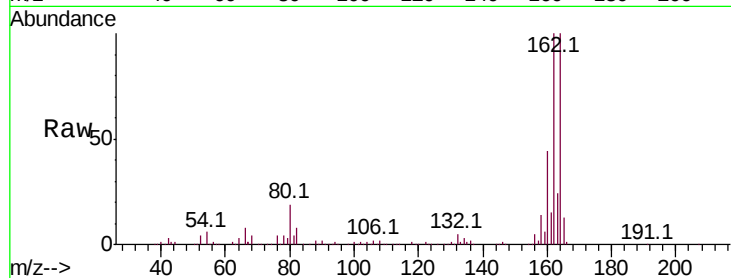




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG041704.D
Acq: 18 Jul 2019 1:28

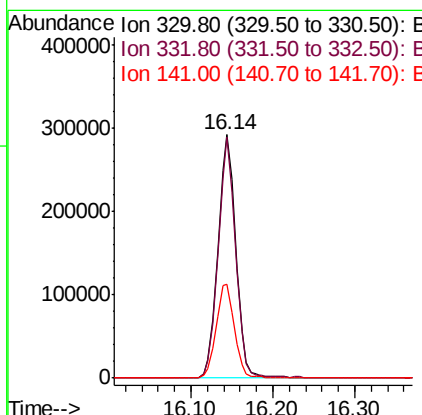
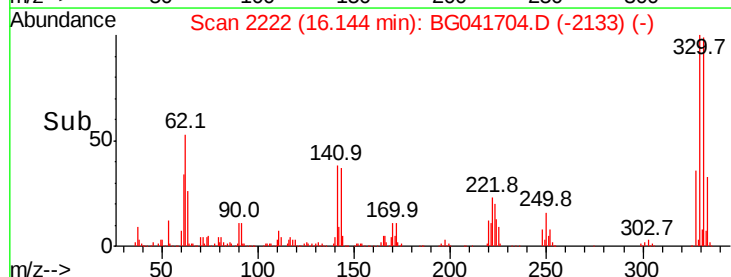
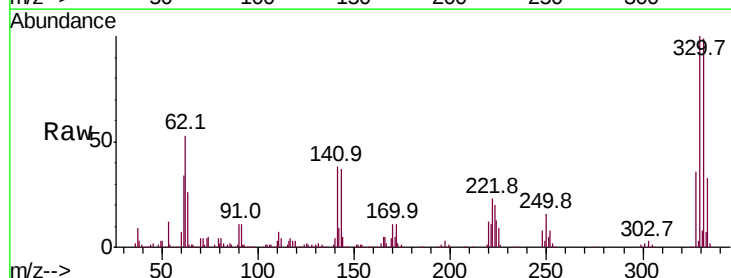
Instrument :
BNA_G
ClientSampled :

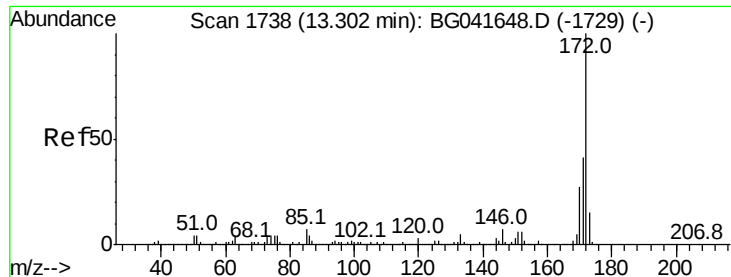
Tot Ion	Ratio	Lower	Upper
164	100		
162	100.2	79.6	119.4
160	44.3	35.4	53.0



#42
2,4,6-Tribromophenol
Concen: 144.163 ng
RT: 16.14 min Scan# 2222
Delta R.T. -0.01 min
Lab File: BG041704.D
Acq: 18 Jul 2019 1:28

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.4	116.0
141	39.4	31.9	47.9

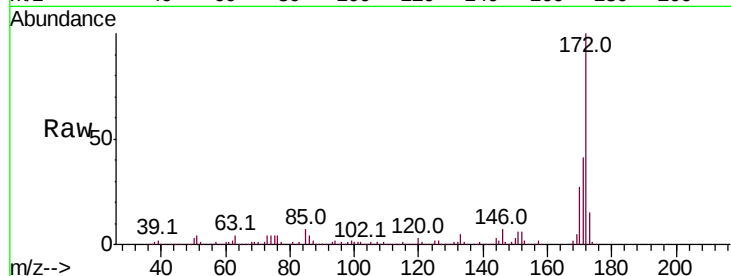




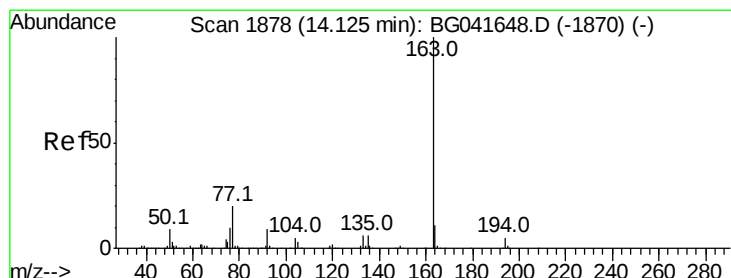
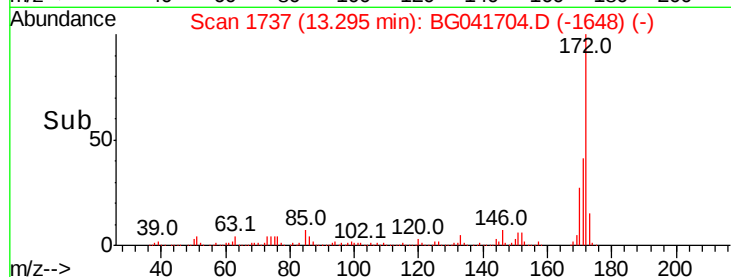
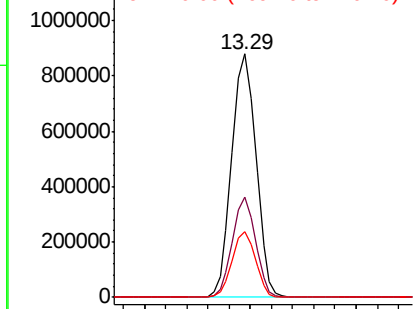
#45
2-Fluorobiphenyl
Concen: 79.001 ng
RT: 13.29 min Scan# 1737
Delta R.T. -0.01 min
Lab File: BG041704.D
Acq: 18 Jul 2019 1:28

Instrument :
BNA_G
ClientSampled :

Tot Ion:172 Resp: 1405867
Ion Ratio Lower Upper
172 100
171 41.0 35.0 52.4
170 27.2 23.5 35.3

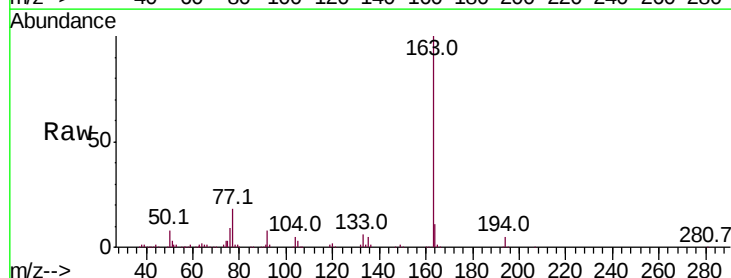


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

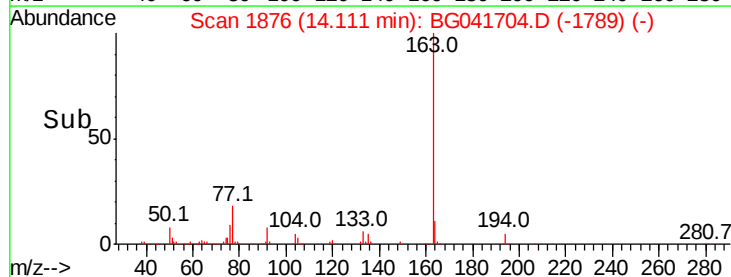
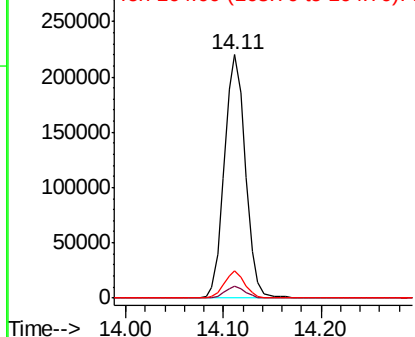


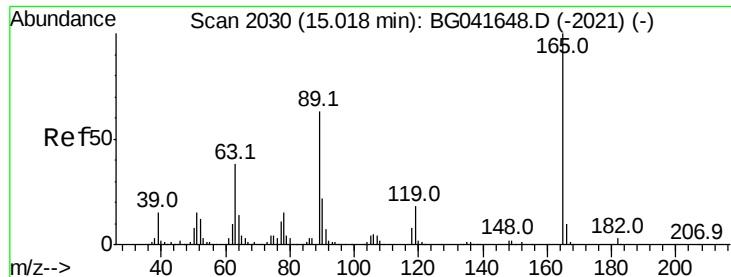
#50
Dimethylphthalate
Concen: 15.225 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.02 min
Lab File: BG041704.D
Acq: 18 Jul 2019 1:28

Tgt Ion:163 Resp: 329501
Ion Ratio Lower Upper
163 100
194 5.1 4.2 6.2
164 11.0 9.4 14.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

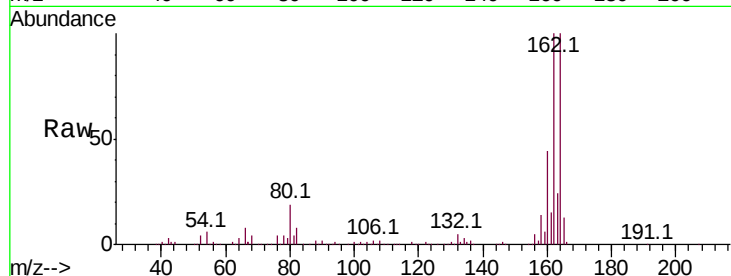




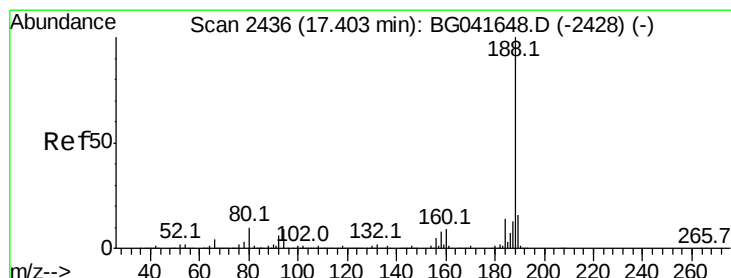
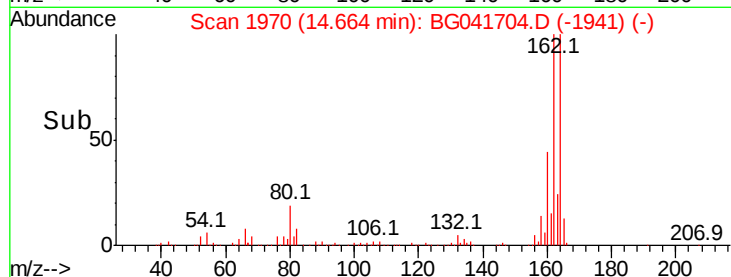
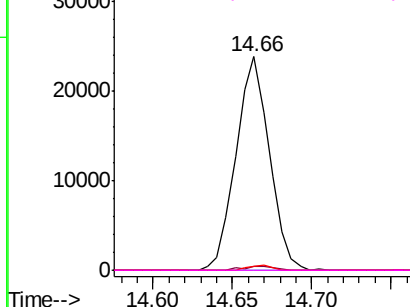
#57
 2,4-Dinitrotoluene
 Concen: 5.731 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. -0.36 min
 Lab File: BG041704.D
 Acq: 18 Jul 2019 1:28

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 34780
 Ion Ratio Lower Upper
 165 100
 63 1.6 31.7 47.5#
 89 1.6 50.2 75.4#
 182 0.0 2.6 4.0#

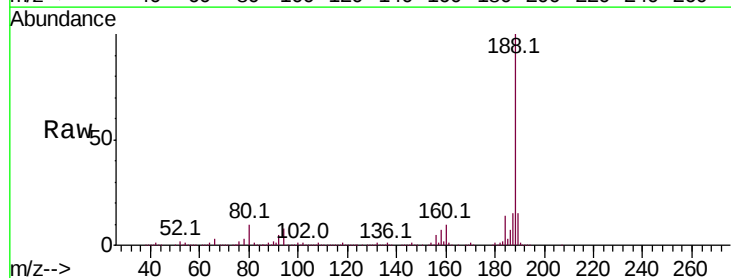


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

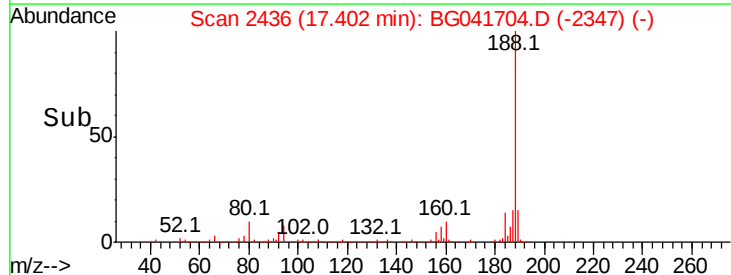
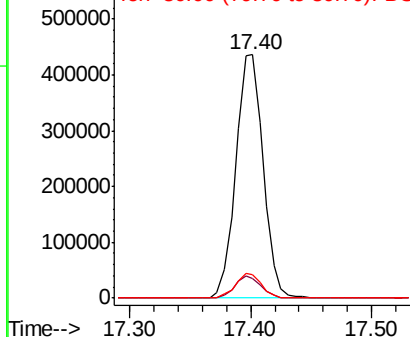


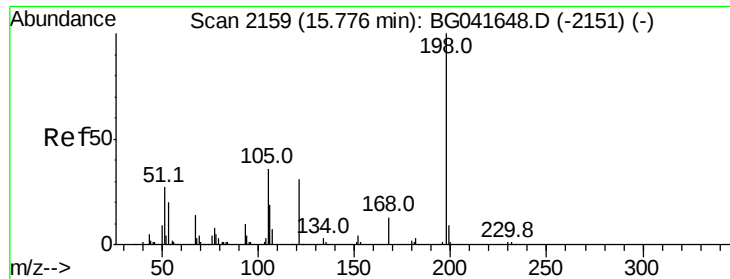
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.40 min Scan# 2436
 Delta R.T. -0.01 min
 Lab File: BG041704.D
 Acq: 18 Jul 2019 1:28

Tgt Ion:188 Resp: 688714
 Ion Ratio Lower Upper
 188 100
 94 8.3 6.9 10.3
 80 9.7 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

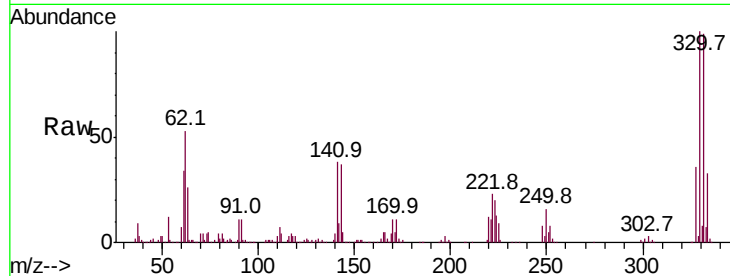




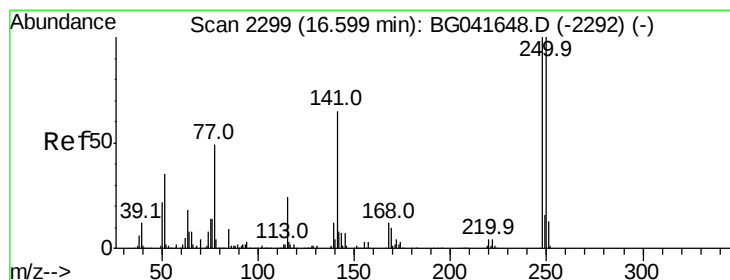
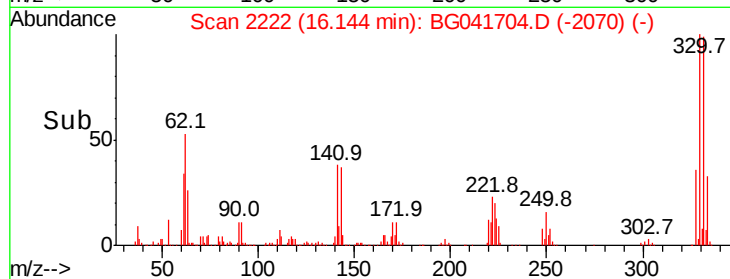
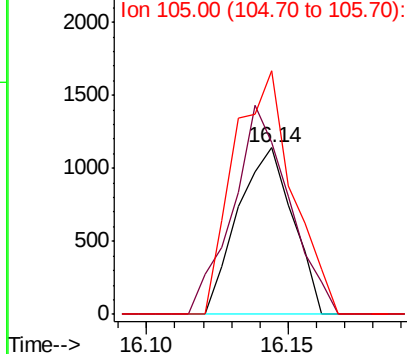
#65
4,6-Dinitro-2-methylphenol
Concen: 7.078 ng
RT: 16.14 min Scan# 2222
Delta R.T. 0.36 min
Lab File: BG041704.D
Acq: 18 Jul 2019 1:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion:198 Resp: 1535
Ion Ratio Lower Upper
198 100
51 103.0 22.3 62.3#
105 146.3 18.0 58.0#

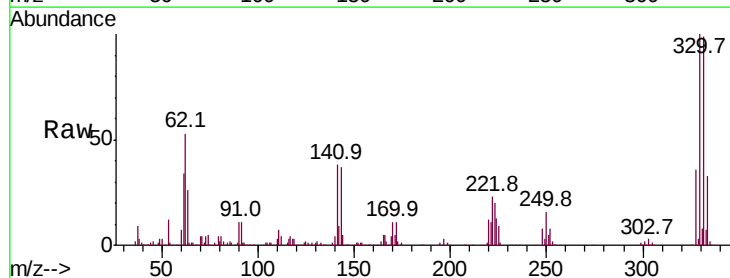


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG0
Ion 105.00 (104.70 to 105.70): E

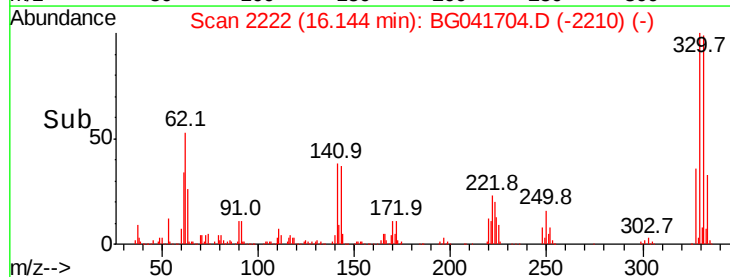
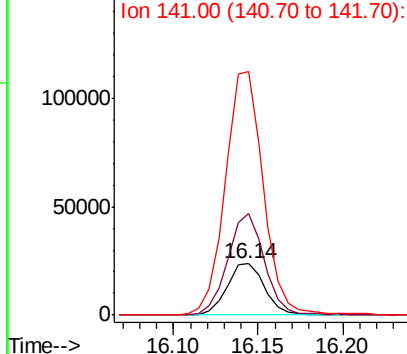


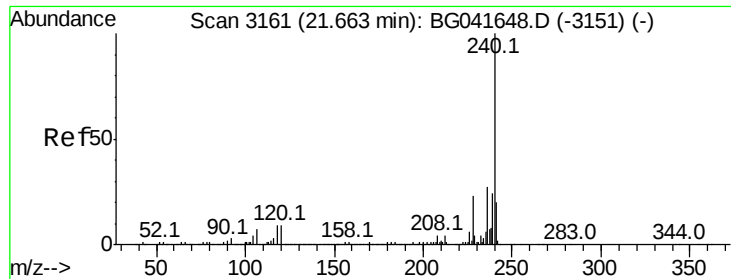
#67
4-Bromophenyl-phenylether
Concen: 4.468 ng
RT: 16.14 min Scan# 2222
Delta R.T. -0.46 min
Lab File: BG041704.D
Acq: 18 Jul 2019 1:28

Tgt Ion:248 Resp: 36614
Ion Ratio Lower Upper
248 100
250 196.7 78.1 117.1#
141 473.4 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: 21.65 min Scan# 3159

Delta R.T. -0.01 min

Lab File: BG041704.D

Acq: 18 Jul 2019 1:28

Instrument :

BNA_G

ClientSampled :

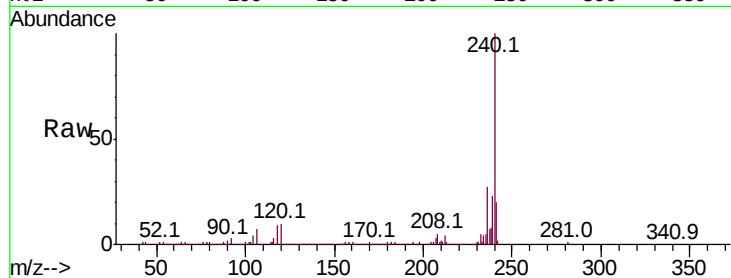
Tot Ion:240 Resp: 707270

Ion Ratio Lower Upper

240 100

120 9.9 8.0 12.0

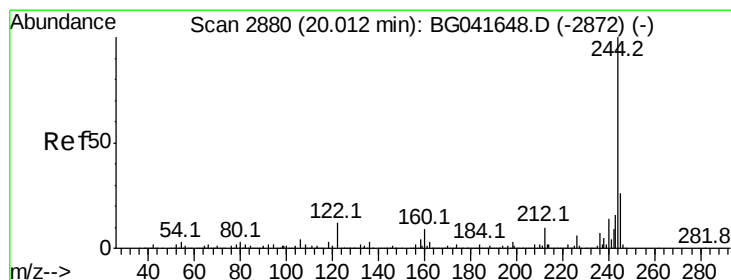
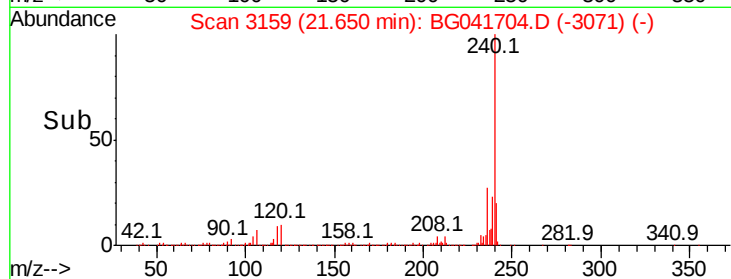
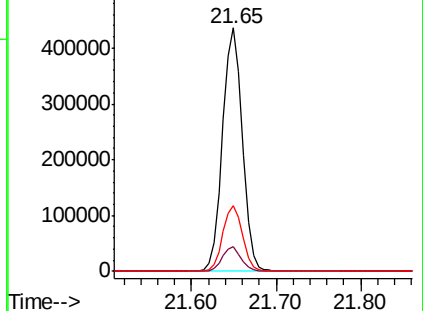
236 27.2 22.6 33.8



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: 72.281 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG041704.D

Acq: 18 Jul 2019 1:28

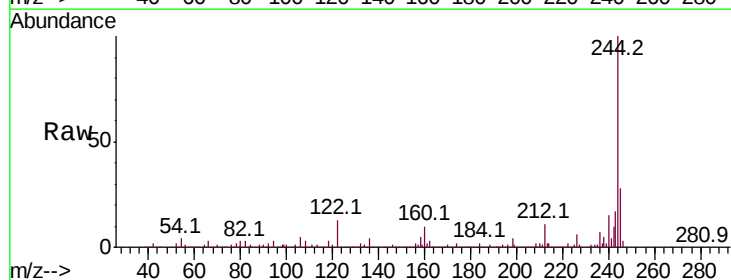
Tgt Ion:244 Resp: 2187622

Ion Ratio Lower Upper

244 100

212 10.6 9.7 14.5

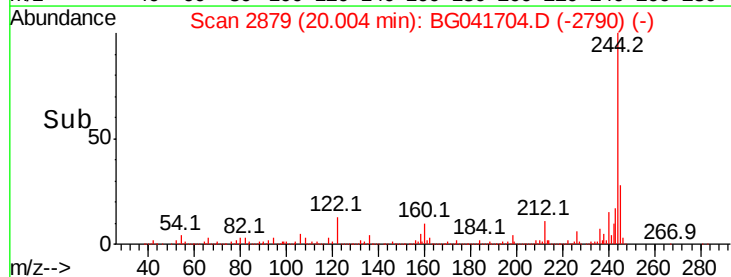
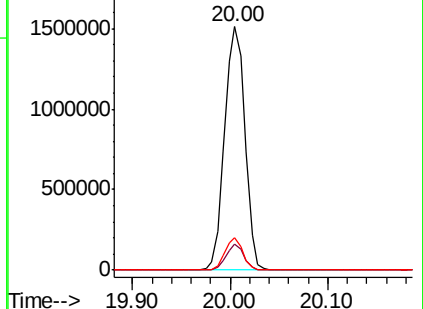
122 13.3 12.5 18.7

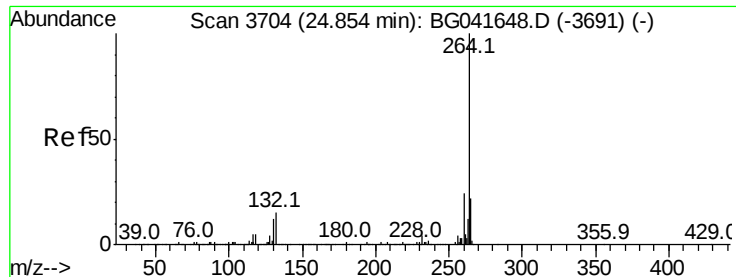


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

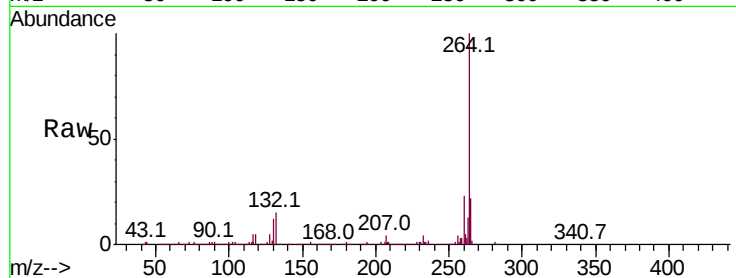




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.84 min Scan# 3702
Delta R.T. -0.02 min
Lab File: BG041704.D
Acq: 18 Jul 2019 1:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	21.6	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

