

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071619\
 Data File : BG041660.D
 Acq On : 16 Jul 2019 9:46
 Operator : HP/JU
 Sample : PB121341BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 17 01:35:51 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

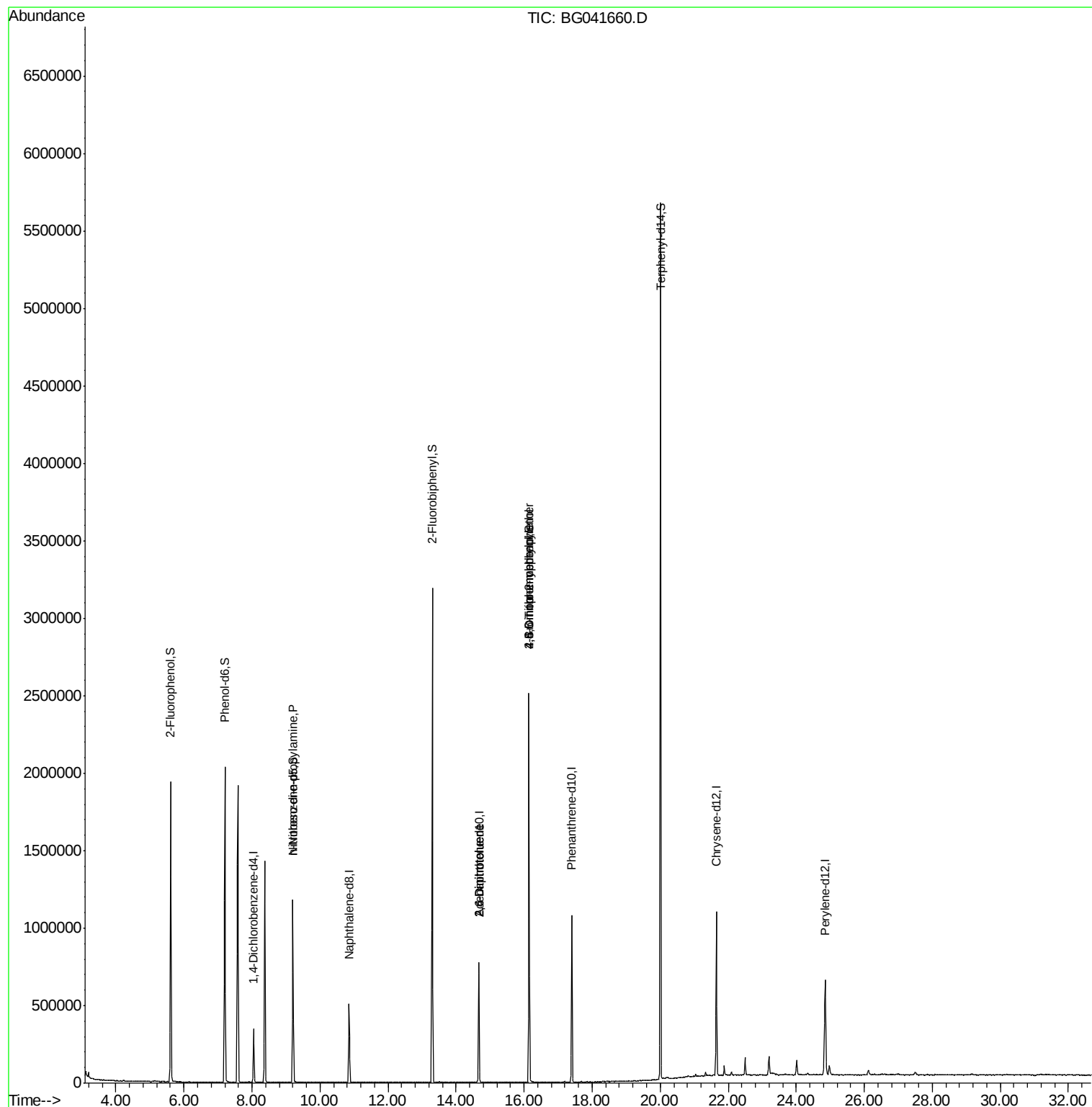
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	101977	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	427262	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	273906	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	662774	20.00	ng	0.00
76) Chrysene-d12	21.65	240	606612	20.00	ng	0.00
87) Perylene-d12	24.85	264	680391	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	812805	130.30	ng	0.00
7) Phenol-d6	7.20	99	1128370	134.48	ng	0.00
23) Nitrobenzene-d5	9.20	82	683313	97.26	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	452981	146.74	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1641926	92.82	ng	0.00
79) Terphenyl-d14	20.01	244	2364681	91.10	ng	0.00
Target Compounds						
9) Benzaldehyde	7.20	77	1946	Below Cal	Qvalue	
19) n-Nitroso-di-n-propylamine	9.20	70	94508	15.411 ng	#	3
51) 2,6-Dinitrotoluene	14.67	165	35887	7.865 ng	#	28
57) 2,4-Dinitrotoluene	14.67	165	35887	5.950 ng	#	29
65) 4,6-Dinitro-2-methylphenol	16.15	198	1526	7.091 ng	#	1
67) 4-Bromophenyl-phenylether	16.14	248	36193	4.589 ng	#	1

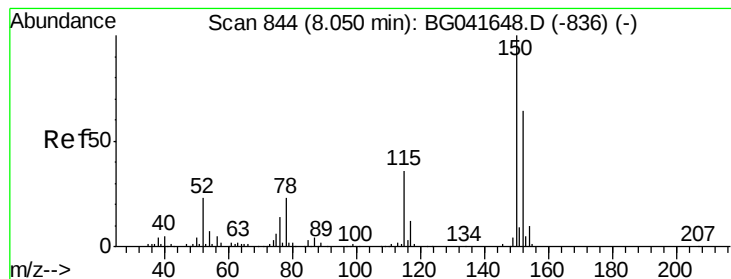
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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ClientSampleId :

Quant Time: Jul 17 01:35:51 2019
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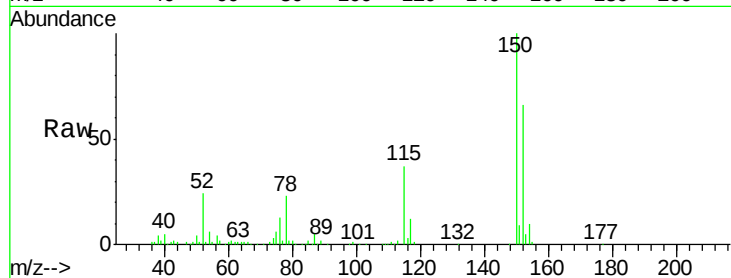




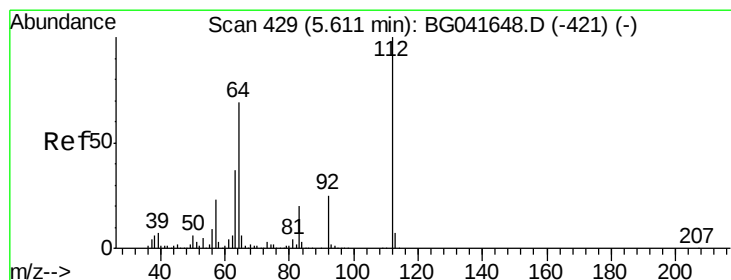
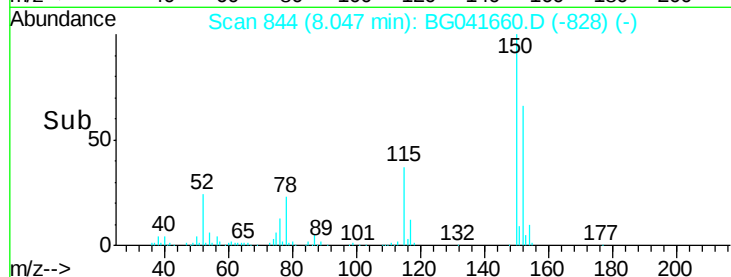
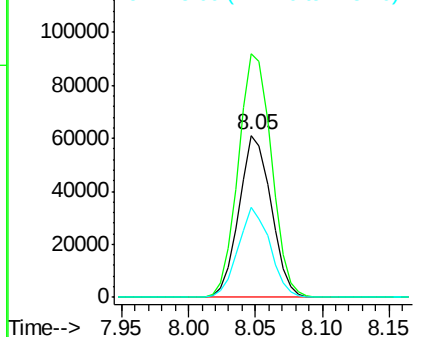
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 844
 Delta R.T. -0.01 min
 Lab File: BG041660.D
 Acq: 16 Jul 2019 9:46

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.4	126.9	190.3
115	55.3	45.0	67.6

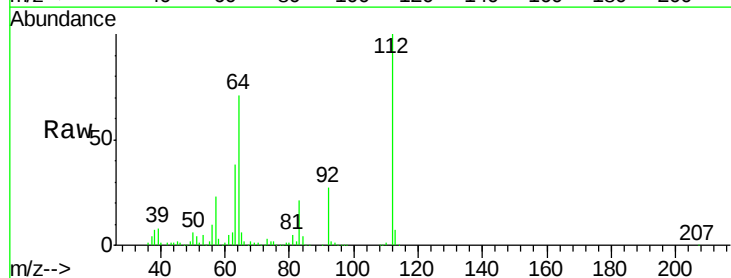


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

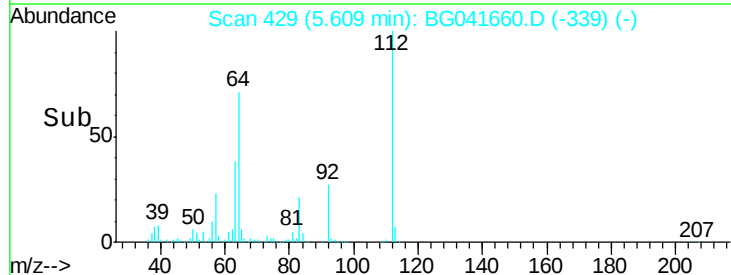
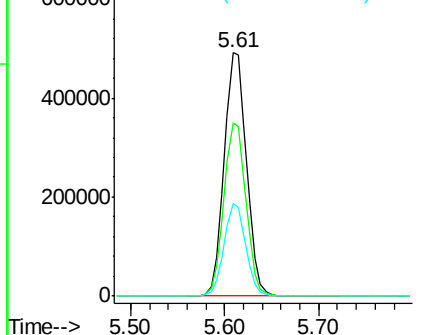


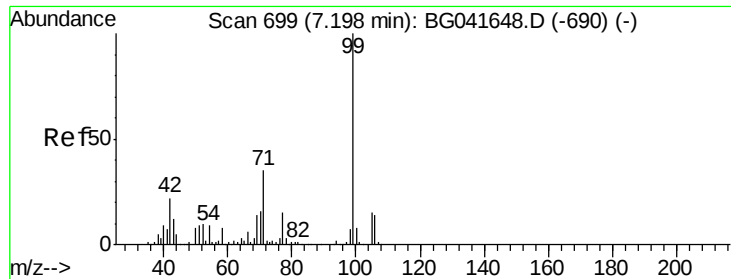
#5
 2-Fluorophenol
 Concen: 130.297 ng
 RT: 5.61 min Scan# 429
 Delta R.T. -0.00 min
 Lab File: BG041660.D
 Acq: 16 Jul 2019 9:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.1	55.4	83.2
63	38.1	29.1	43.7



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BG0
 Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 134.482 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG041660.D

Acq: 16 Jul 2019 9:46

Instrument :

BNA_G

ClientSampleId :

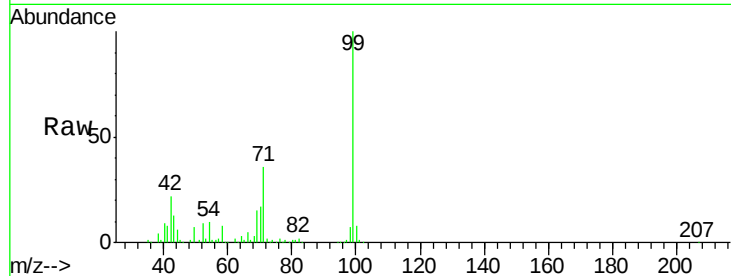
Tot Ion: 99 Resp: 1128370

Ion Ratio Lower Upper

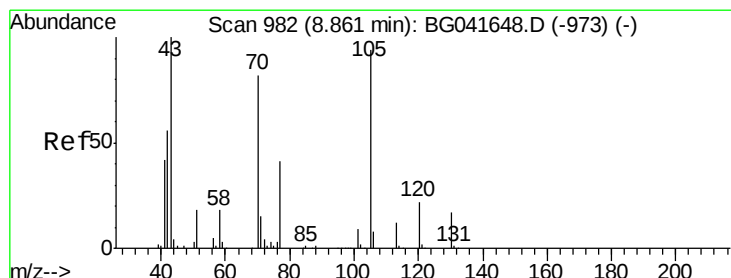
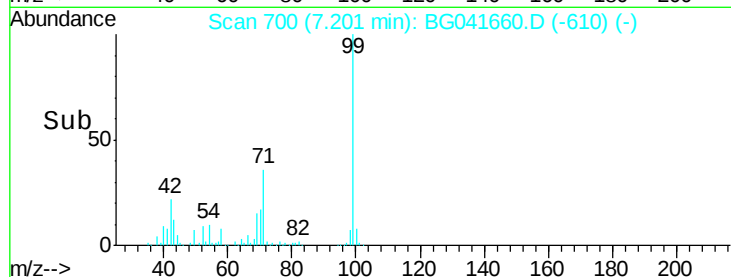
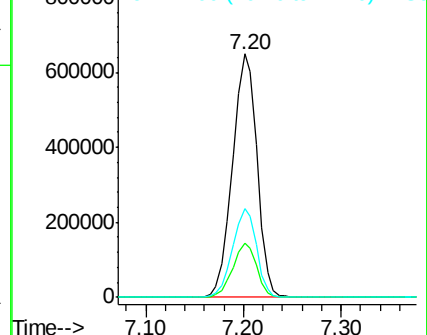
99 100

42 22.0 17.6 26.4

71 36.5 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: 15.411 ng

RT: 9.20 min Scan# 1041

Delta R.T. 0.34 min

Lab File: BG041660.D

Acq: 16 Jul 2019 9:46

Tgt Ion: 70 Resp: 94508

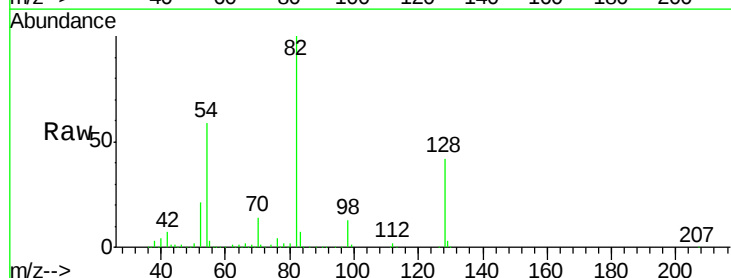
Ion Ratio Lower Upper

70 100

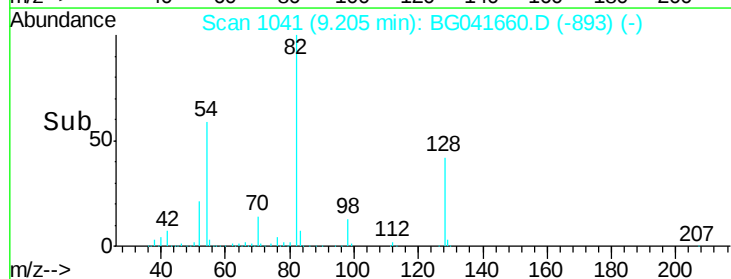
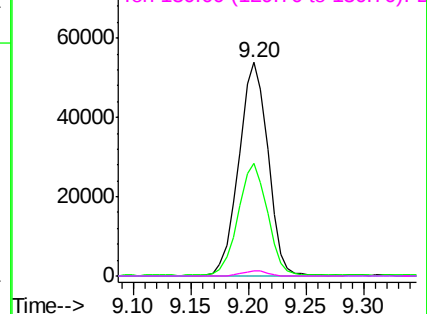
42 52.9 55.8 83.6#

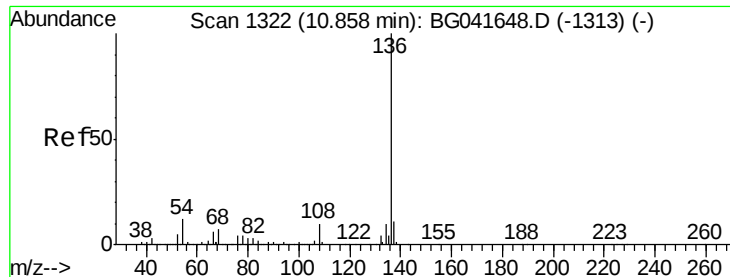
101 0.0 8.1 12.1#

130 2.4 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

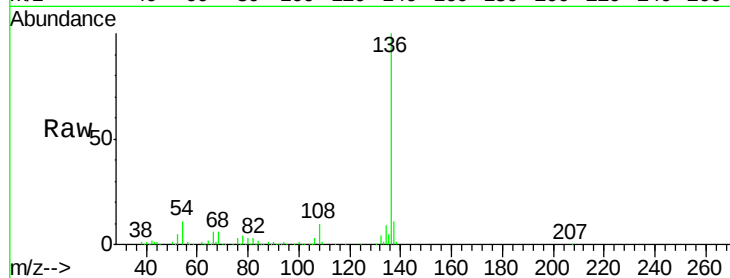




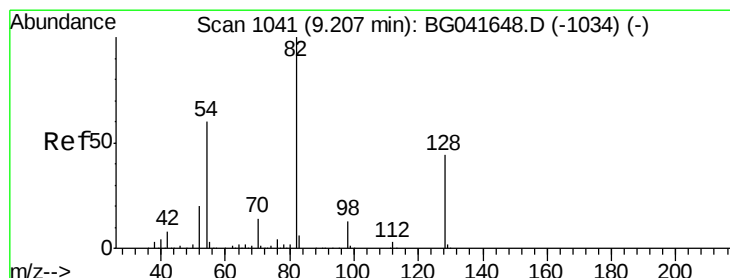
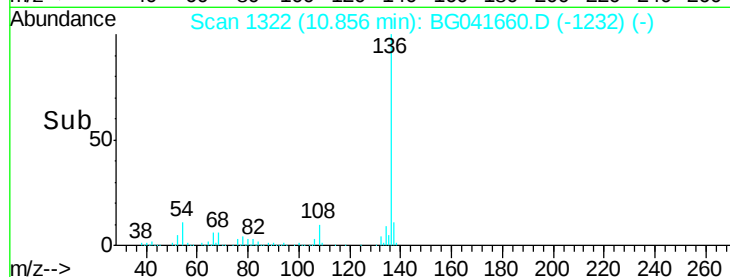
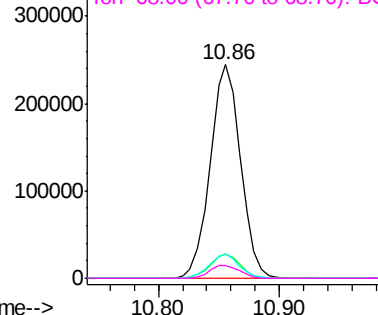
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG041660.D
Acq: 16 Jul 2019 9:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp: 427262
Ion Ratio	Lower Upper
136 100	
137 11.2	9.2 13.8
54 11.2	8.7 13.1
68 6.3	5.5 8.3

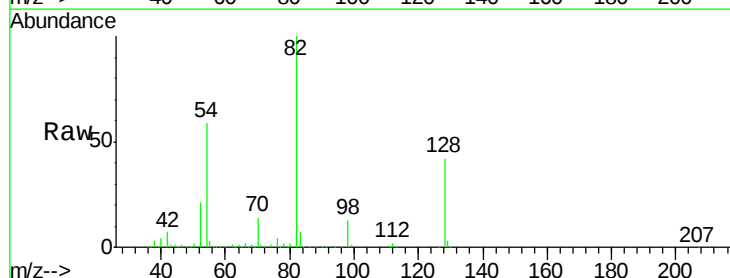


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

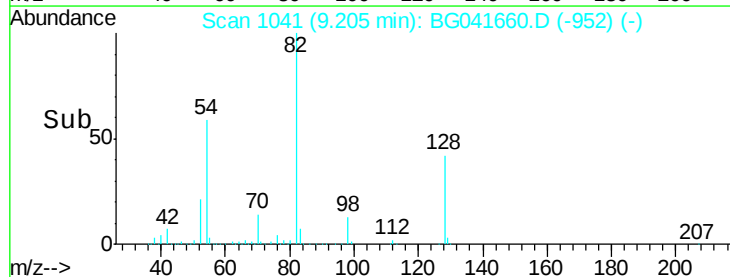
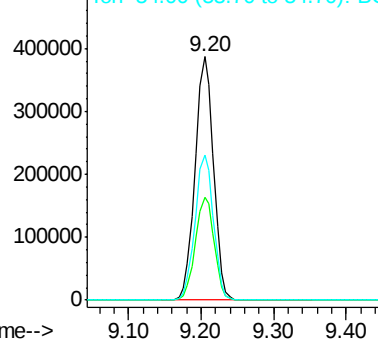


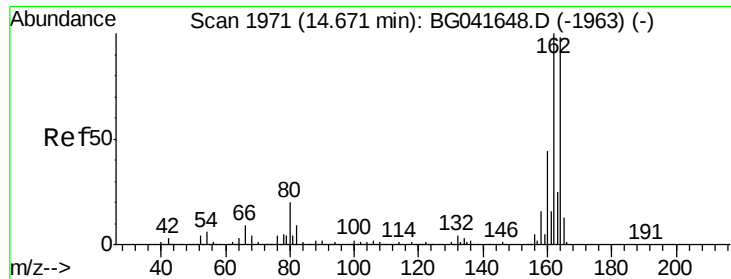
#23
Nitrobenzene-d5
Concen: 97.260 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG041660.D
Acq: 16 Jul 2019 9:46

Tgt	Ion: 82	Resp:	683313
Ion	Ratio	Lower	Upper
82	100		
128	42.5	35.1	52.7
54	59.3	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: 14.67 min Scan# 1971

Delta R.T. -0.00 min

Lab File: BG041660.D

Acq: 16 Jul 2019 9:46

Instrument :

BNA_G

ClientSampleId :

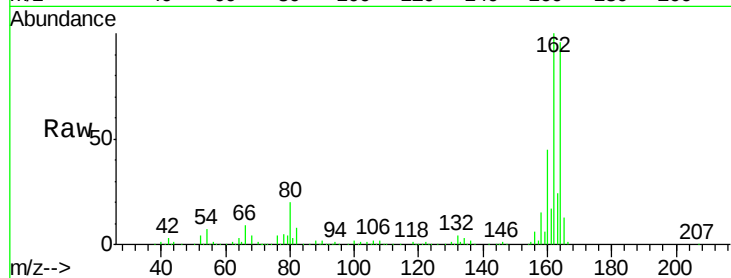
Tot Ion:164 Resp: 273906

Ion Ratio Lower Upper

164 100

162 104.5 79.6 119.4

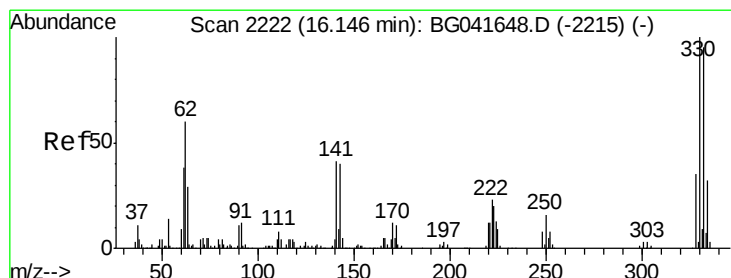
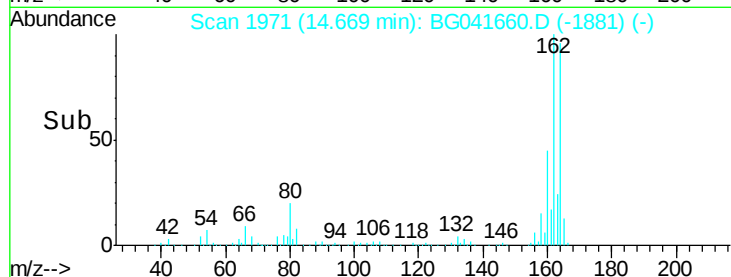
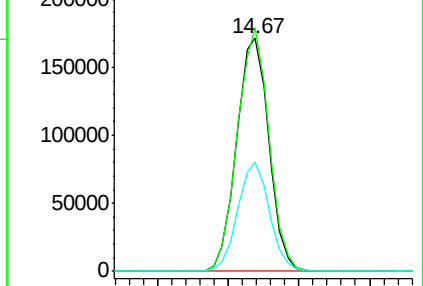
160 46.6 35.4 53.0



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: 146.744 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.00 min

Lab File: BG041660.D

Acq: 16 Jul 2019 9:46

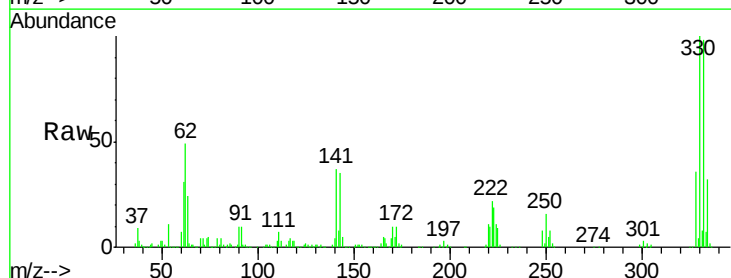
Tgt Ion:330 Resp: 452981

Ion Ratio Lower Upper

330 100

332 96.6 77.4 116.0

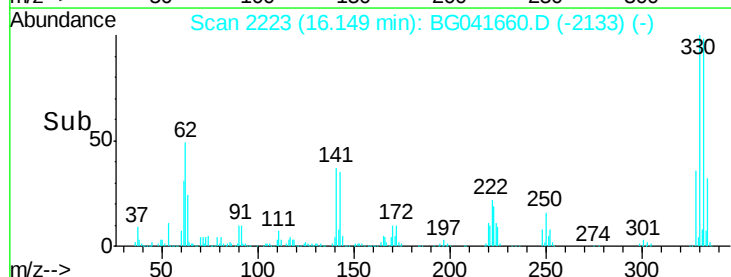
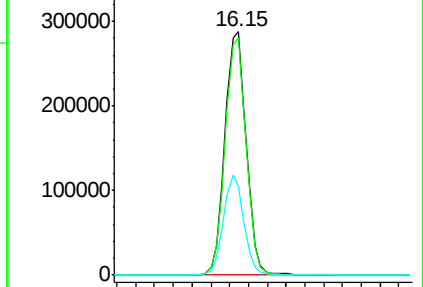
141 39.3 31.9 47.9

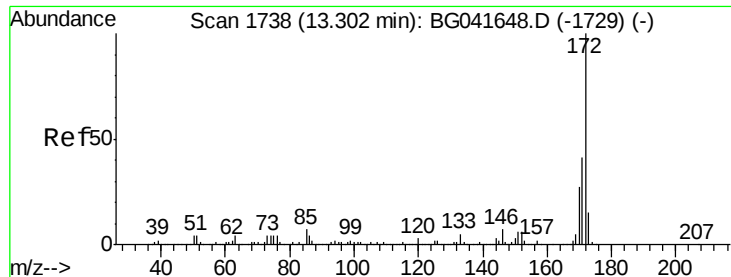


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

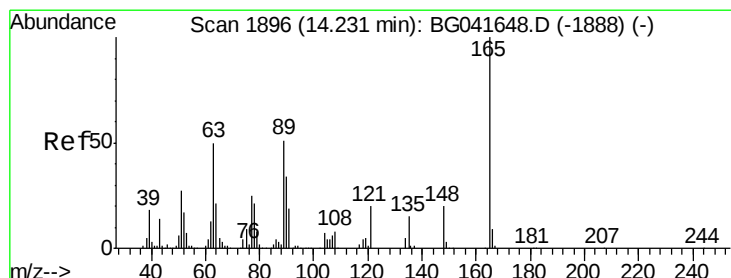
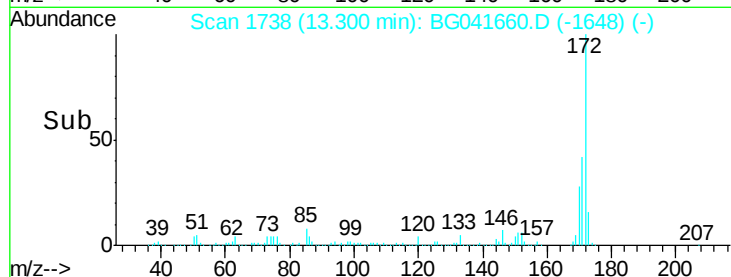
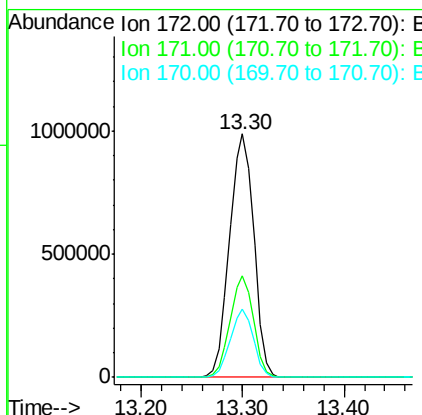
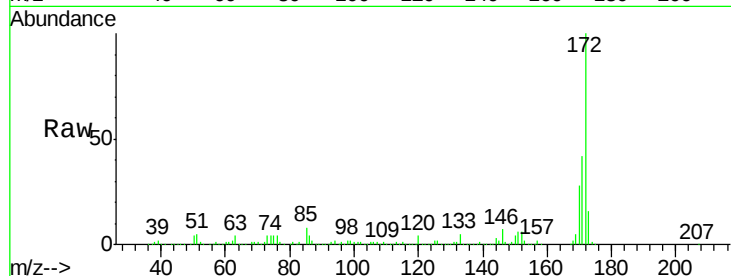




#45
 2-Fluorobiphenyl
 Concen: 92.825 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.00 min
 Lab File: BG041660.D
 Acq: 16 Jul 2019 9:46

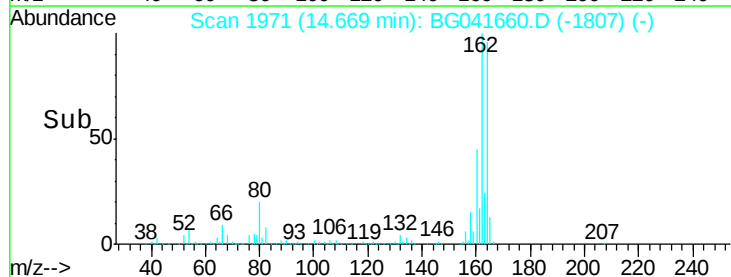
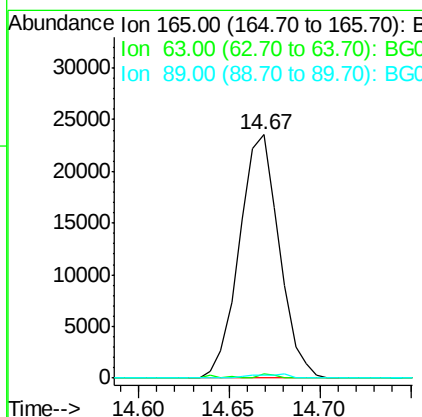
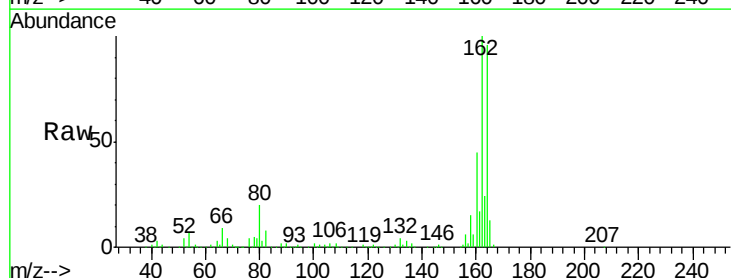
Instrument :
 BNA_G
 ClientSampled :

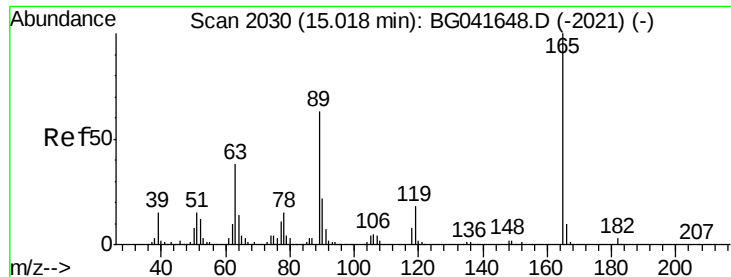
Tot Ion:172 Resp: 1641926
 Ion Ratio Lower Upper
 172 100
 171 41.8 35.0 52.4
 170 27.8 23.5 35.3



#51
 2,6-Dinitrotoluene
 Concen: 7.865 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. 0.43 min
 Lab File: BG041660.D
 Acq: 16 Jul 2019 9:46

Tgt Ion:165 Resp: 35887
 Ion Ratio Lower Upper
 165 100
 63 1.7 42.4 63.6#
 89 1.3 42.1 63.1#

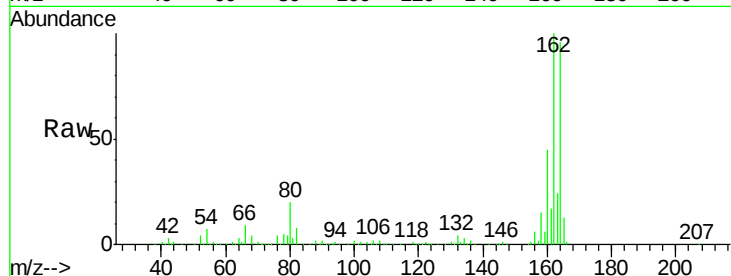




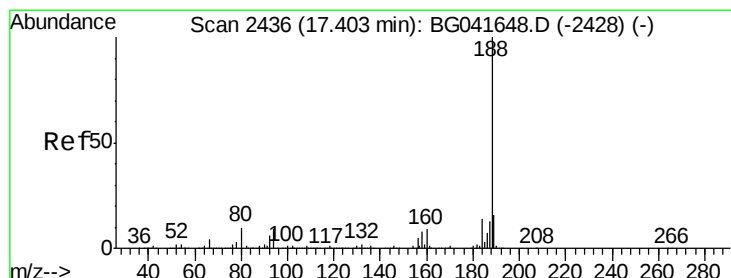
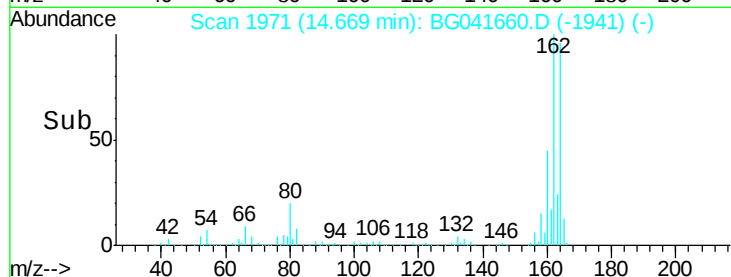
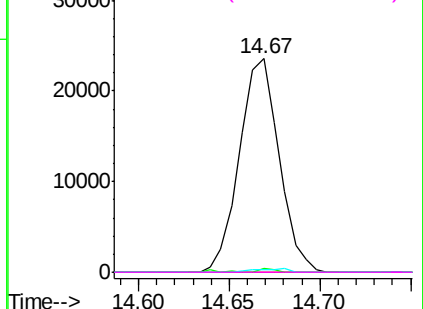
#57
 2,4-Dinitrotoluene
 Concen: 5.950 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. -0.35 min
 Lab File: BG041660.D
 Acq: 16 Jul 2019 9:46

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 35887
 Ion Ratio Lower Upper
 165 100
 63 1.7 31.7 47.5#
 89 1.3 50.2 75.4#
 182 0.0 2.6 4.0#

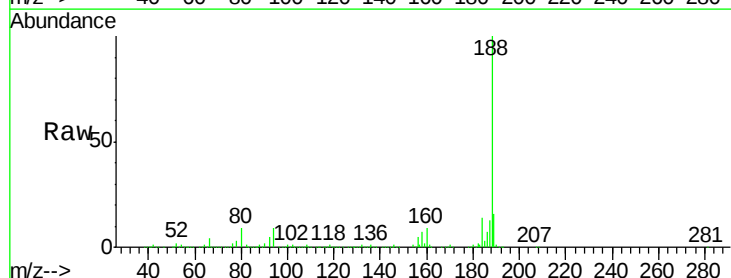


Abundance Ion 165.00 (164.70 to 165.70): E

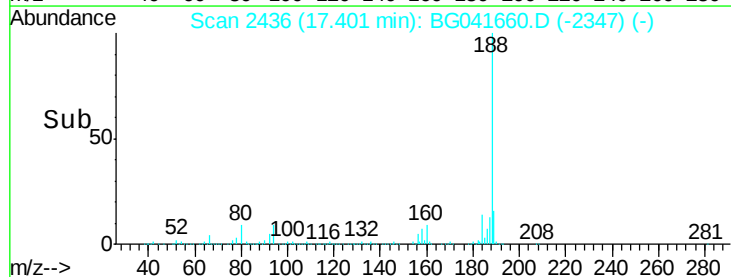
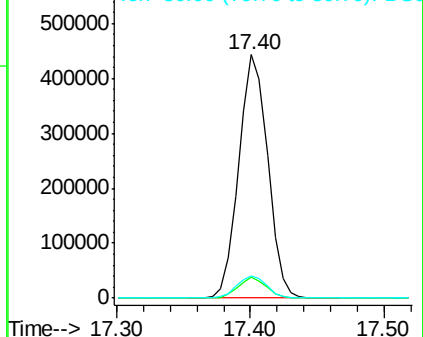


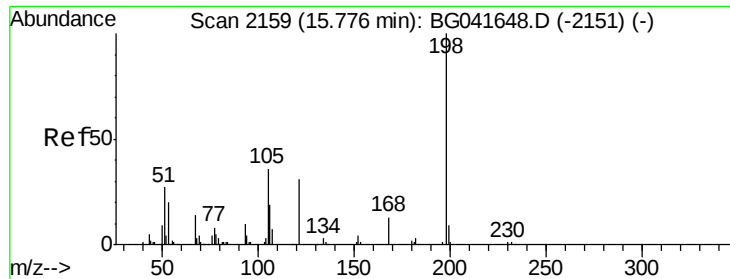
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.40 min Scan# 2436
 Delta R.T. -0.01 min
 Lab File: BG041660.D
 Acq: 16 Jul 2019 9:46

Tgt Ion:188 Resp: 662774
 Ion Ratio Lower Upper
 188 100
 94 8.6 6.9 10.3
 80 9.3 8.0 12.0



Abundance Ion 188.00 (187.70 to 188.70): E





#65

4,6-Dinitro-2-methylphenol

Concen: 7.091 ng

RT: 16.15 min Scan# 2223

Delta R.T. 0.37 min

Lab File: BG041660.D

Acq: 16 Jul 2019 9:46

Instrument :

BNA_G

ClientSampleId :

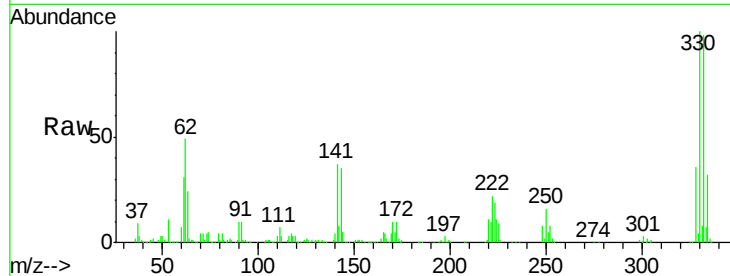
Tot Ion:198 Resp: 1526

Ion Ratio Lower Upper

198 100

51 143.3 22.3 62.3#

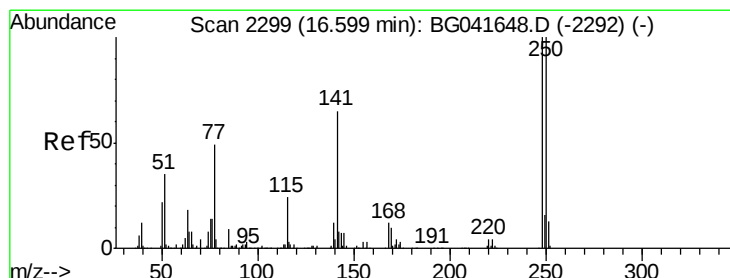
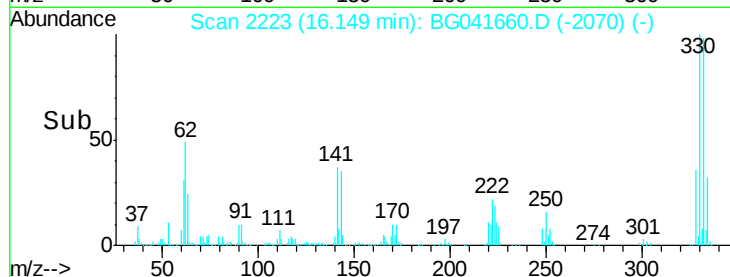
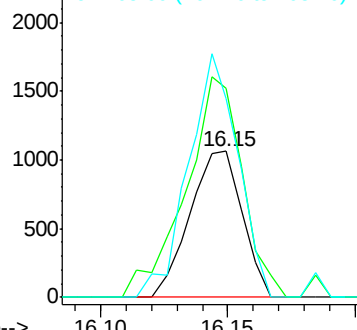
105 136.1 18.0 58.0#



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: 4.589 ng

RT: 16.14 min Scan# 2222

Delta R.T. -0.46 min

Lab File: BG041660.D

Acq: 16 Jul 2019 9:46

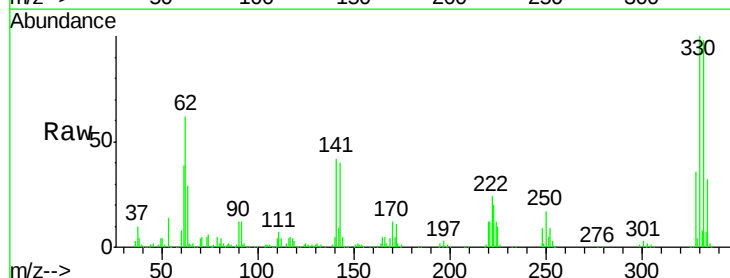
Tgt Ion:248 Resp: 36193

Ion Ratio Lower Upper

248 100

250 188.5 78.1 117.1#

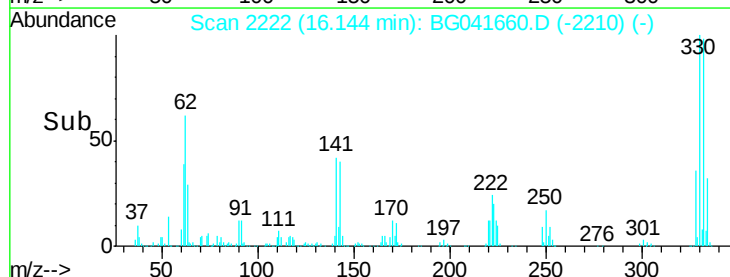
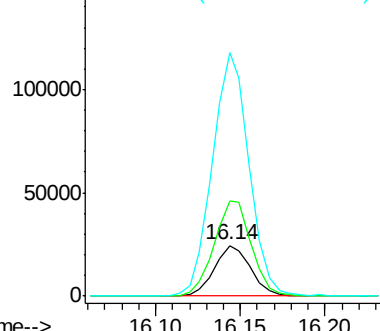
141 481.0 49.6 74.4#

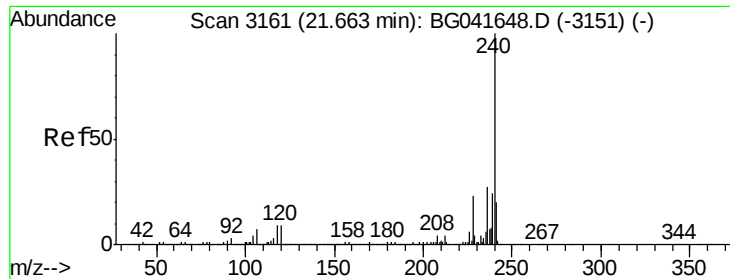


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

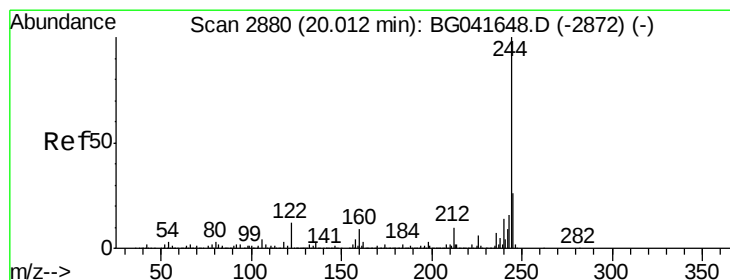
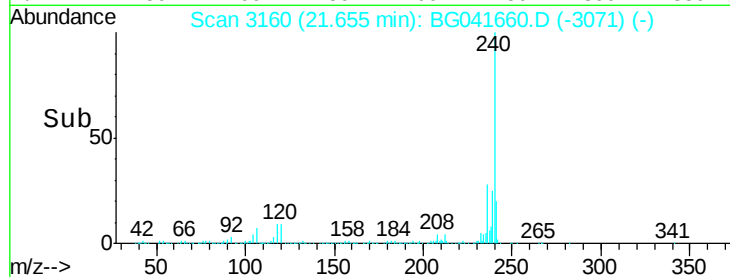
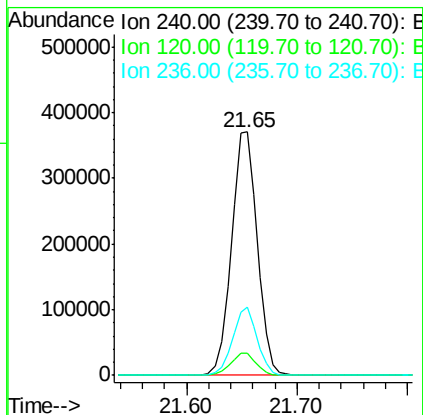
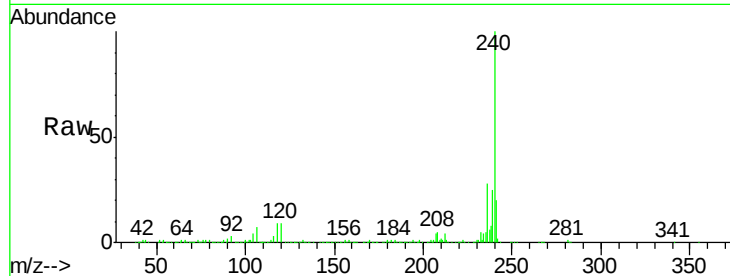




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.65 min Scan# 3160
 Delta R.T. -0.01 min
 Lab File: BG041660.D
 Acq: 16 Jul 2019 9:46

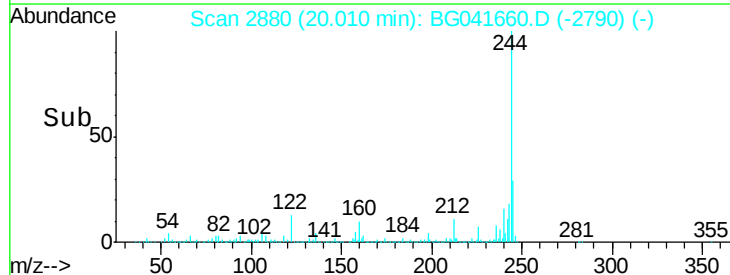
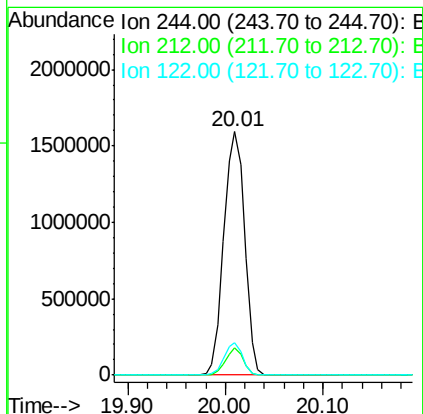
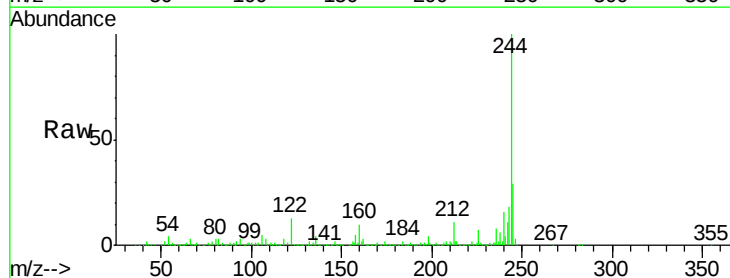
Instrument :
 BNA_G
 ClientSampleId :

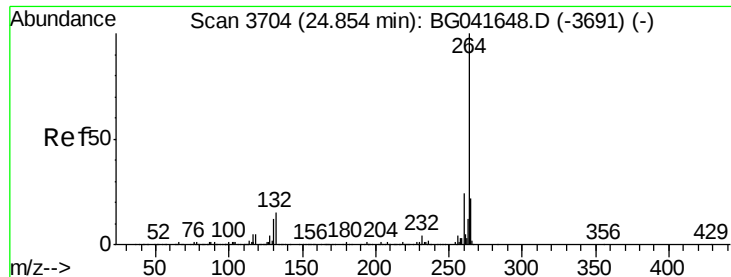
Tot Ion:240 Resp: 606612
 Ion Ratio Lower Upper
 240 100
 120 8.9 8.0 12.0
 236 28.0 22.6 33.8



#79
 Terphenyl-d14
 Concen: 91.096 ng
 RT: 20.01 min Scan# 2880
 Delta R.T. -0.00 min
 Lab File: BG041660.D
 Acq: 16 Jul 2019 9:46

Tgt Ion:244 Resp: 2364681
 Ion Ratio Lower Upper
 244 100
 212 11.0 9.7 14.5
 122 13.4 12.5 18.7





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3704
Delta R.T. -0.01 min
Lab File: BG041660.D
Acq: 16 Jul 2019 9:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	22.1	18.0	27.0

