

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071619\
 Data File : BG041666.D
 Acq On : 16 Jul 2019 13:47
 Operator : HP/JU
 Sample : K3820-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 17 01:38:12 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

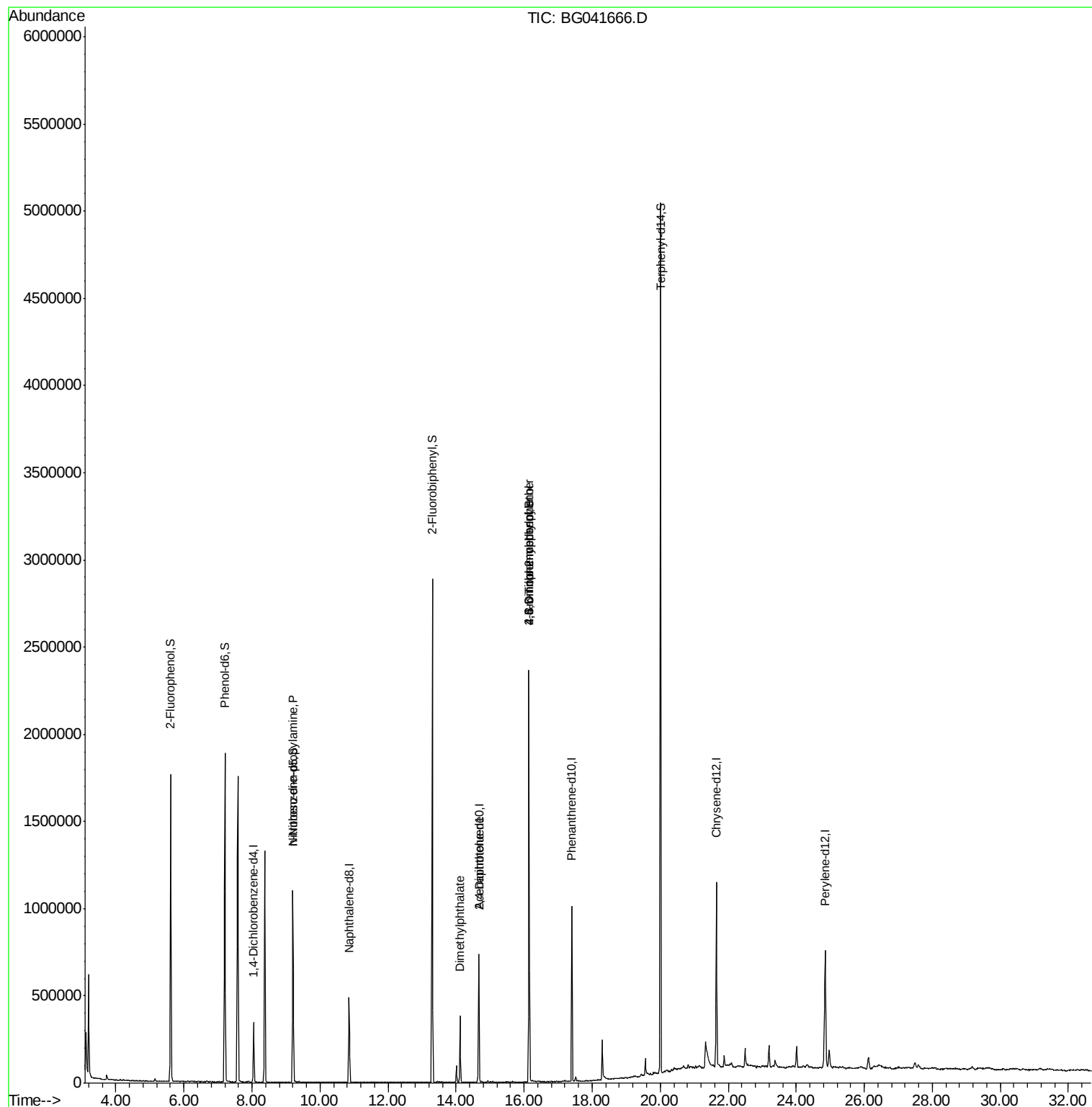
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	96731	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	413293	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	255999	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	634676	20.00	ng	0.00
76) Chrysene-d12	21.65	240	610613	20.00	ng	0.00
87) Perylene-d12	24.85	264	700997	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	738862	124.87	ng	0.00
7) Phenol-d6	7.20	99	1044140	131.19	ng	0.00
23) Nitrobenzene-d5	9.20	82	628744	92.52	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	418354	145.01	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1470898	88.97	ng	0.00
79) Terphenyl-d14	20.01	244	2157344	82.56	ng	0.00
Target Compounds						
9) Benzaldehyde	7.15	77	77	Below Cal	Qvalue # 3	
19) n-Nitroso-di-n-propylamine	9.20	70	87158	14.983 ng	# 71	
50) Dimethylphthalate	14.12	163	255957	12.730 ng	# 97	
57) 2,4-Dinitrotoluene	14.67	165	32848	5.827 ng	# 30	
65) 4,6-Dinitro-2-methylphenol	16.14	198	1435	7.084 ng	# 1	
67) 4-Bromophenyl-phenylether	16.14	248	33165	4.392 ng	# 1	
77) Benizidine	20.01	184	38530	Below Cal	# 89	

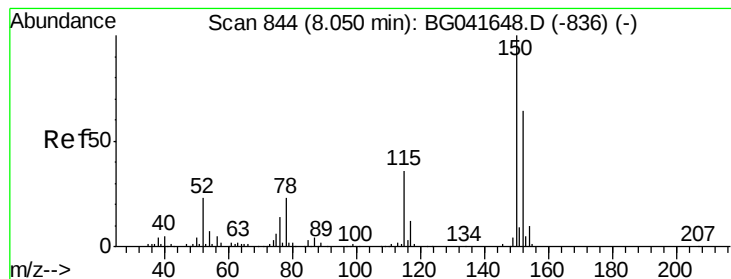
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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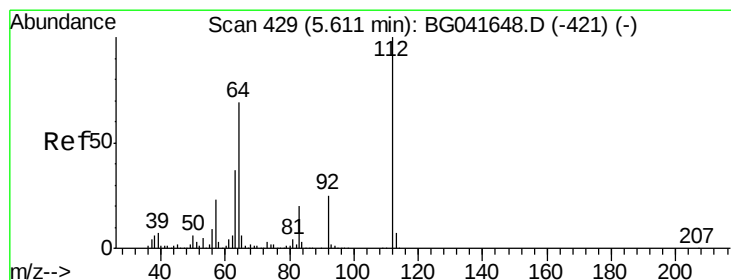
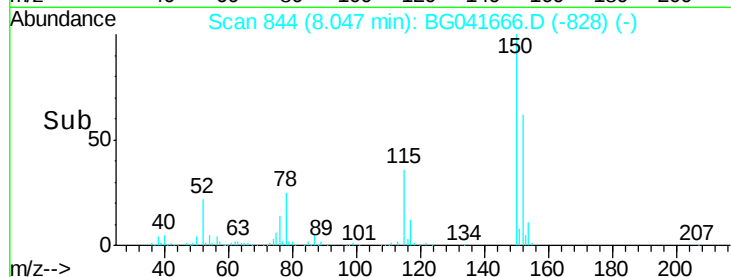
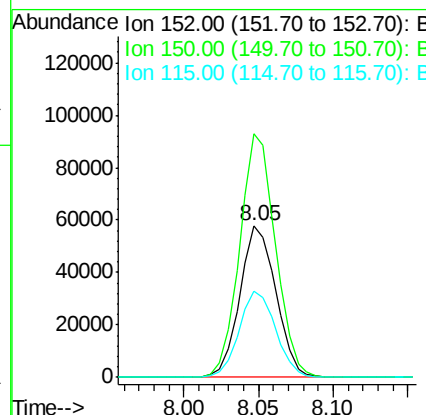
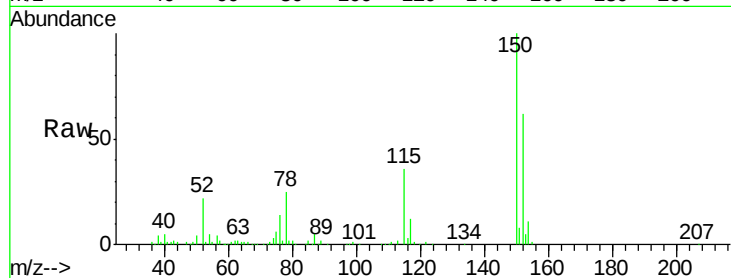


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG041666.D
Acq: 16 Jul 2019 13:47

Instrument :
BNA_G
ClientSampleId :

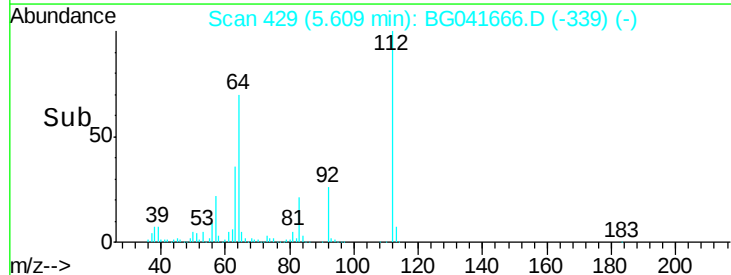
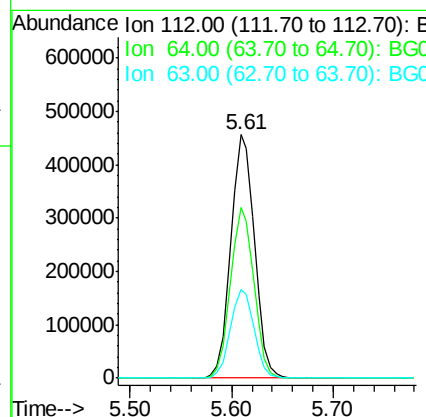
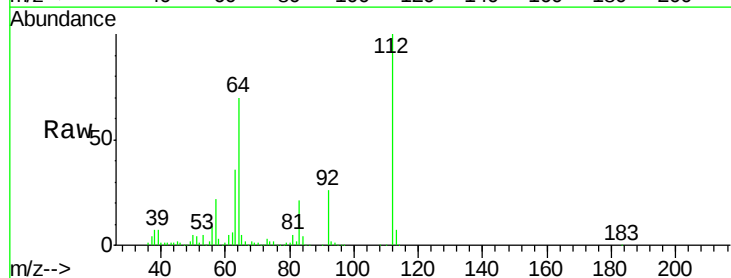
Tot Ion	152	Resp	96731
Ion Ratio	Lower	Upper	
152	100		
150	160.7	126.9	190.3
115	57.2	45.0	67.6

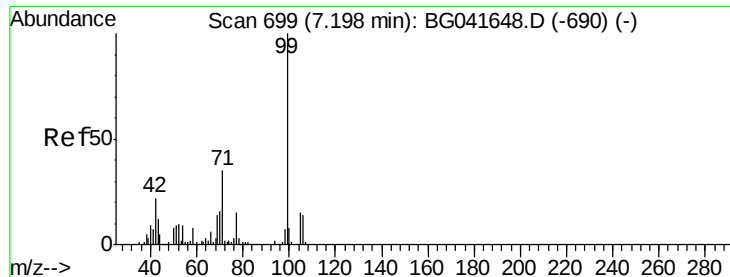


#5

2-Fluorophenol
Concen: 124.867 ng
RT: 5.61 min Scan# 429
Delta R.T. -0.00 min
Lab File: BG041666.D
Acq: 16 Jul 2019 13:47

Tgt Ion	112	Resp	738862
Ion Ratio	Lower	Upper	
112	100		
64	70.0	55.4	83.2
63	36.3	29.1	43.7





#7

Phenol-d6

Concen: 131.192 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG041666.D

Acq: 16 Jul 2019 13:47

Instrument :

BNA_G

ClientSampleId :

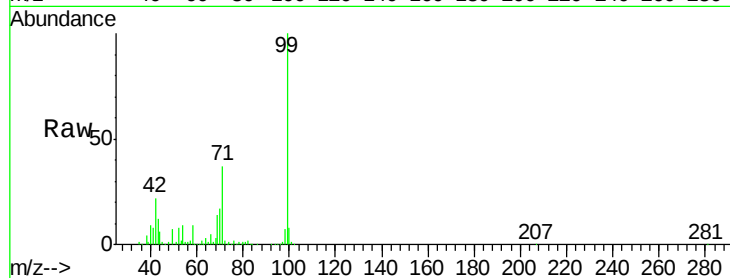
Tot Ion: 99 Resp: 1044140

Ion Ratio Lower Upper

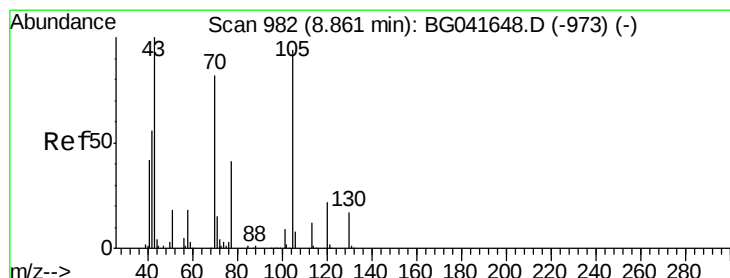
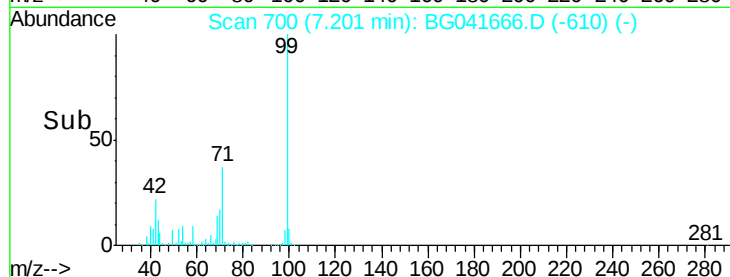
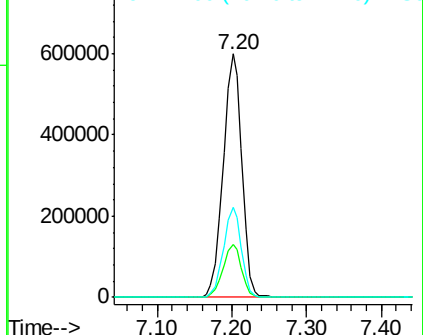
99 100

42 22.0 17.6 26.4

71 37.2 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: 14.983 ng

RT: 9.20 min Scan# 1041

Delta R.T. 0.34 min

Lab File: BG041666.D

Acq: 16 Jul 2019 13:47

Tgt Ion: 70 Resp: 87158

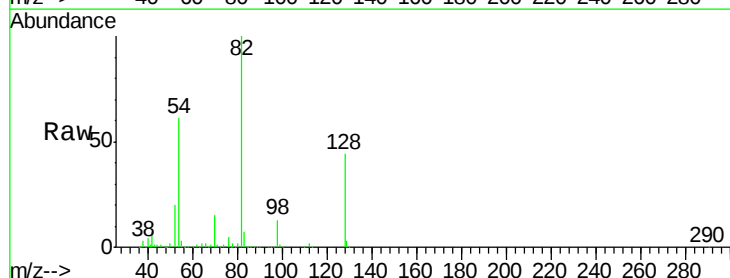
Ion Ratio Lower Upper

70 100

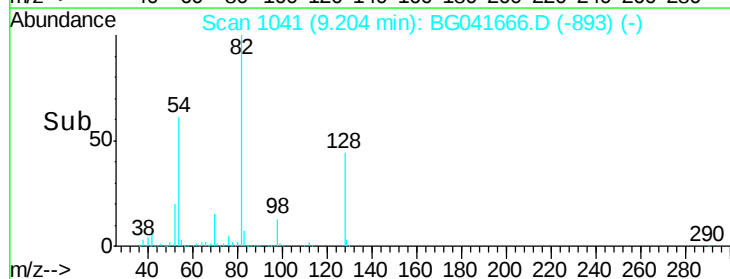
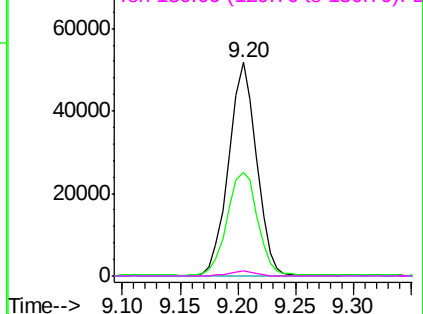
42 48.6 55.8 83.6#

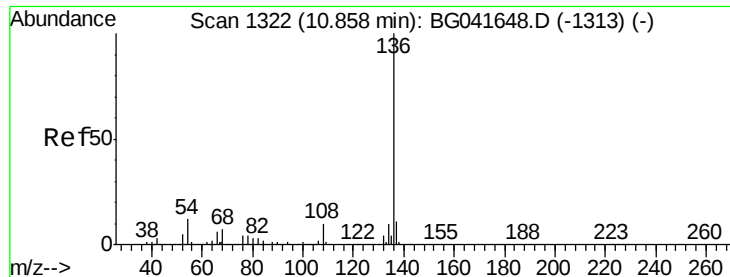
101 0.0 8.1 12.1#

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: 10.86 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BG041666.D

Acq: 16 Jul 2019 13:47

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 413293

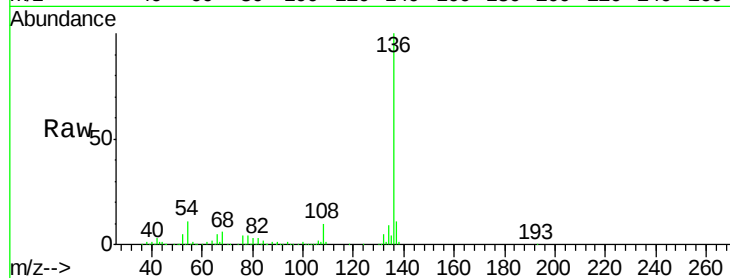
Ion Ratio Lower Upper

136 100

137 11.1 9.2 13.8

54 11.2 8.7 13.1

68 6.1 5.5 8.3

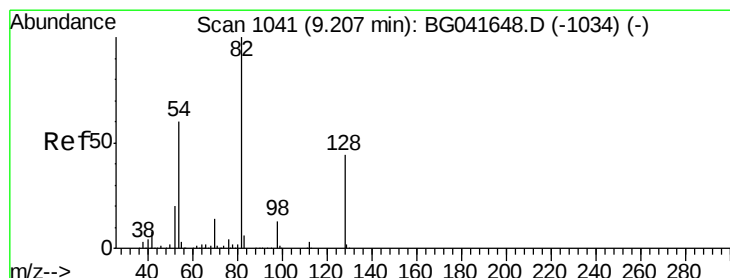
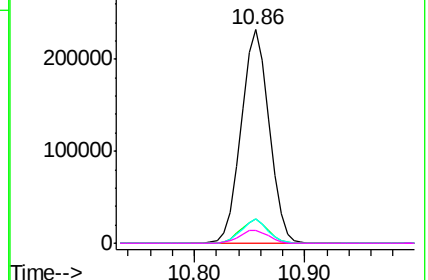
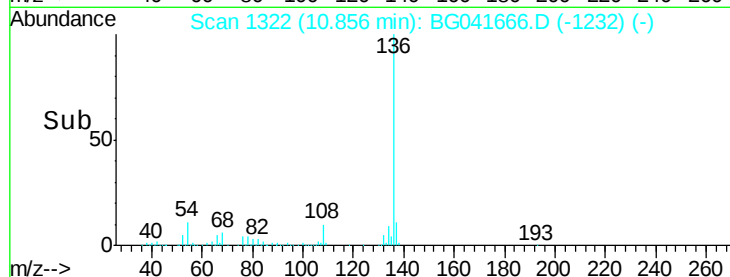


Abundance Ion 136.00 (135.70 to 136.70): E

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: 92.518 ng

RT: 9.20 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BG041666.D

Acq: 16 Jul 2019 13:47

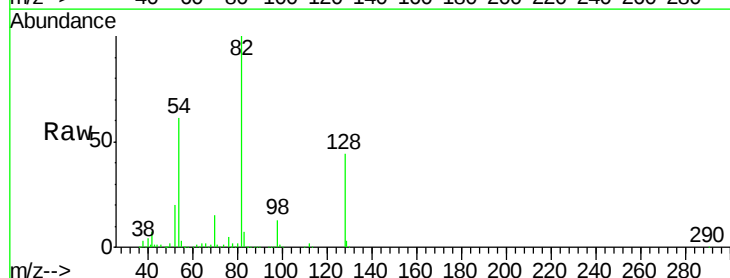
Tgt Ion: 82 Resp: 628744

Ion Ratio Lower Upper

82 100

128 44.3 35.1 52.7

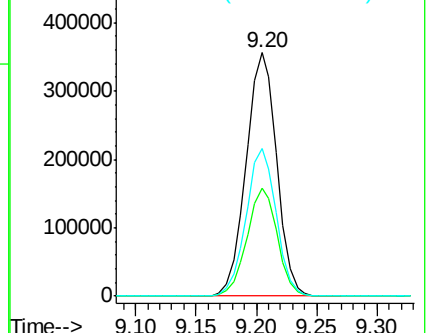
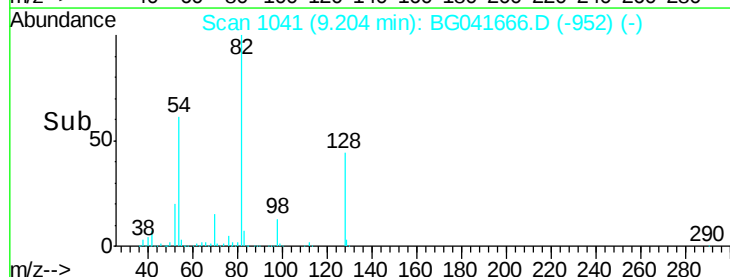
54 60.6 48.7 73.1

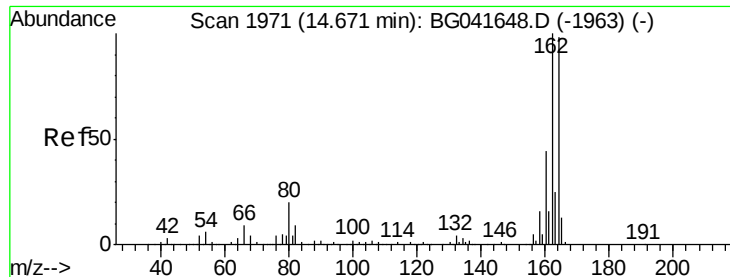


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

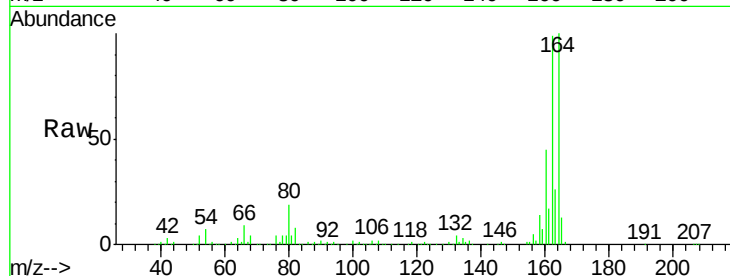




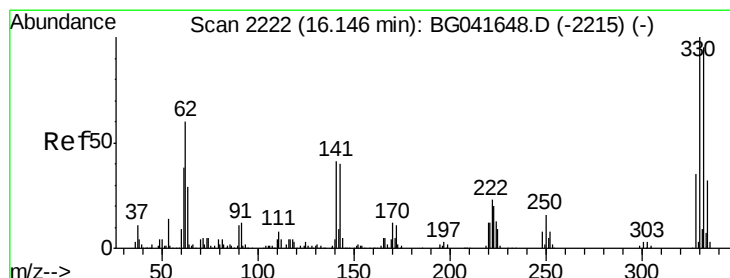
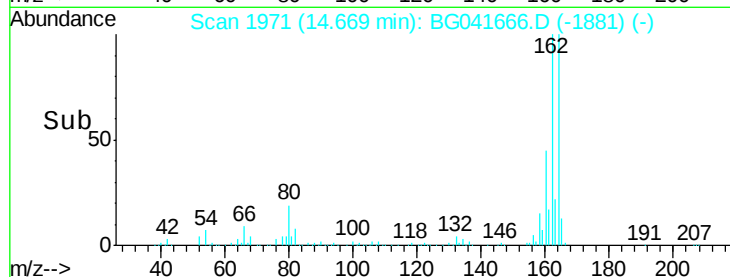
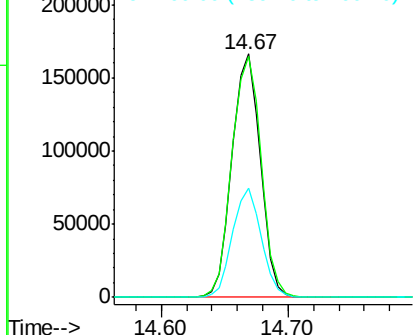
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.00 min
Lab File: BG041666.D
Acq: 16 Jul 2019 13:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 255999
Ion Ratio Lower Upper
164 100
162 99.3 79.6 119.4
160 44.7 35.4 53.0

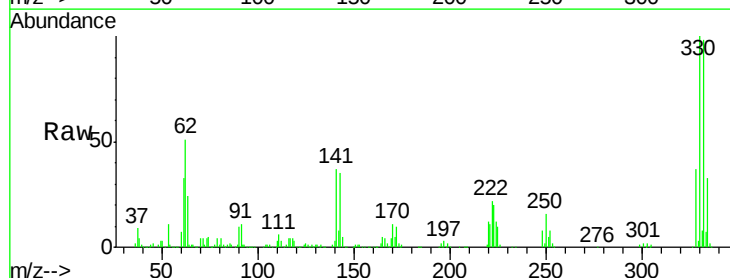


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

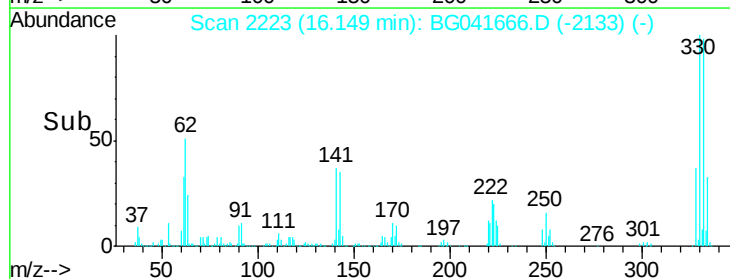
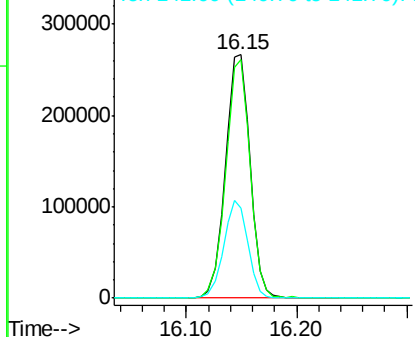


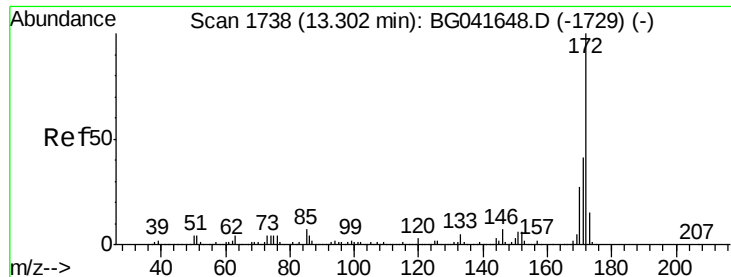
#42
2,4,6-Tribromophenol
Concen: 145.007 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.00 min
Lab File: BG041666.D
Acq: 16 Jul 2019 13:47

Tgt Ion:330 Resp: 418354
Ion Ratio Lower Upper
330 100
332 96.2 77.4 116.0
141 39.0 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

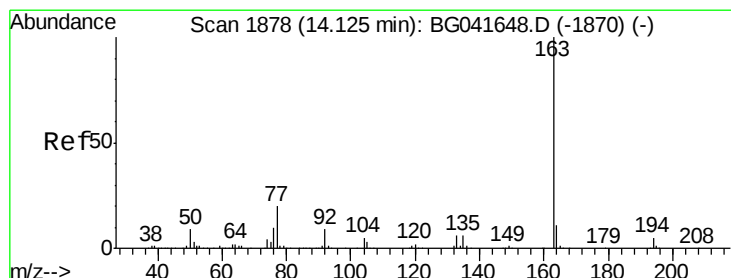
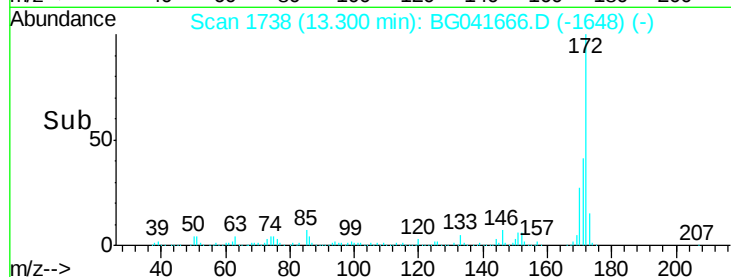
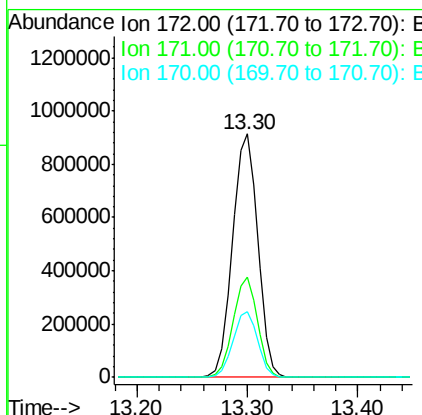
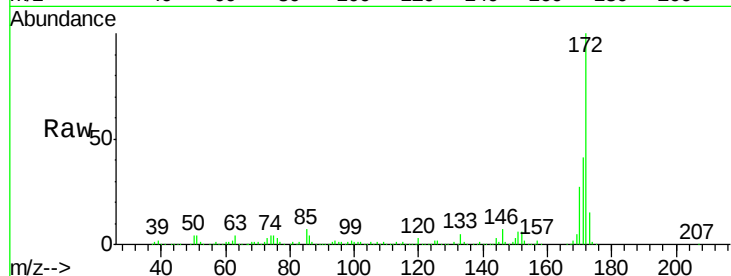




#45
2-Fluorobiphenyl
Concen: 88.972 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.00 min
Lab File: BG041666.D
Acq: 16 Jul 2019 13:47

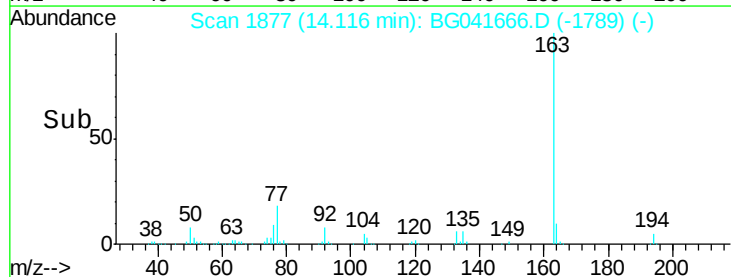
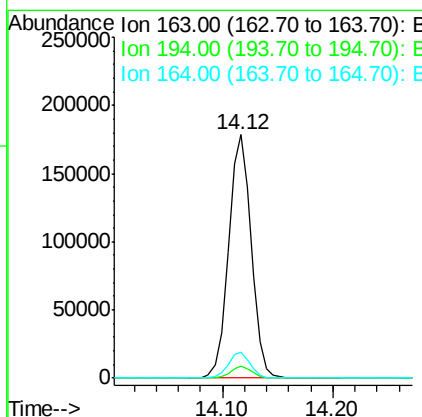
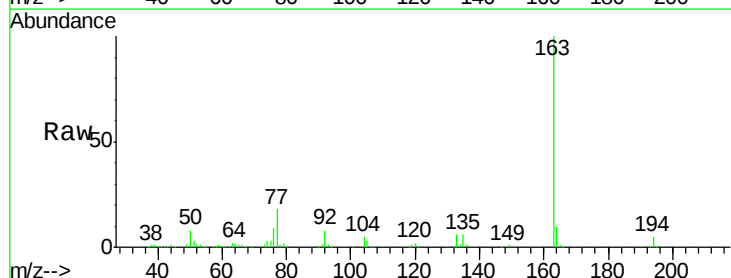
Instrument :
BNA_G
ClientSampleId :

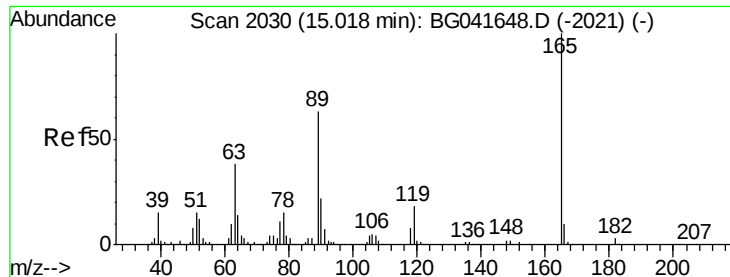
Tot Ion:172 Resp: 1470898
Ion Ratio Lower Upper
172 100
171 41.0 35.0 52.4
170 27.2 23.5 35.3



#50
Dimethylphthalate
Concen: 12.730 ng
RT: 14.12 min Scan# 1877
Delta R.T. -0.01 min
Lab File: BG041666.D
Acq: 16 Jul 2019 13:47

Tgt Ion:163 Resp: 255957
Ion Ratio Lower Upper
163 100
194 4.9 4.2 6.2
164 10.5 9.4 14.2

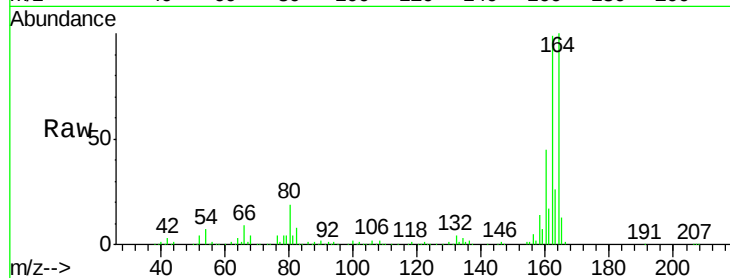




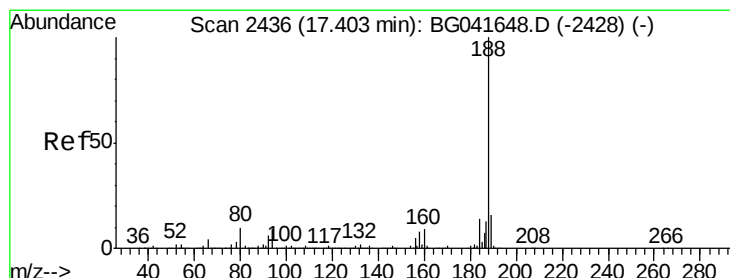
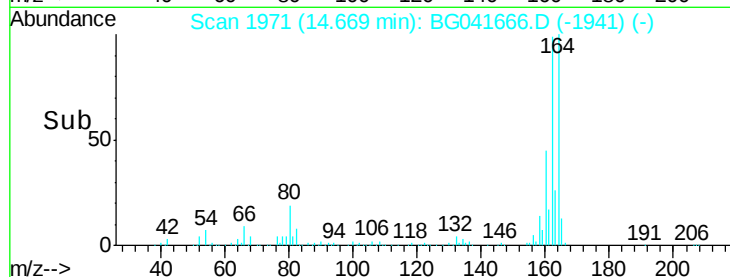
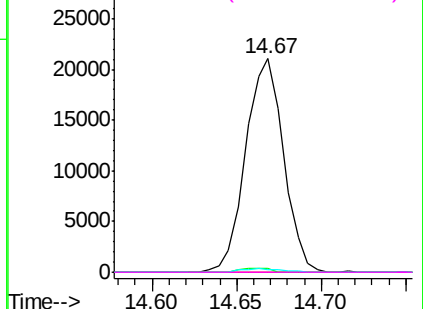
#57
2,4-Dinitrotoluene
Concen: 5.827 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.35 min
Lab File: BG041666.D
Acq: 16 Jul 2019 13:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 32848
Ion Ratio Lower Upper
165 100
63 2.1 31.7 47.5#
89 1.3 50.2 75.4#
182 0.0 2.6 4.0#

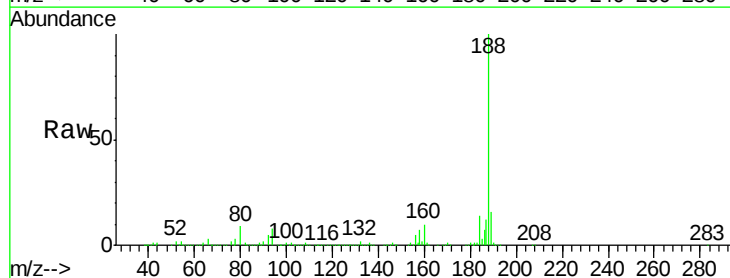


Abundance Ion 165.00 (164.70 to 165.70): E

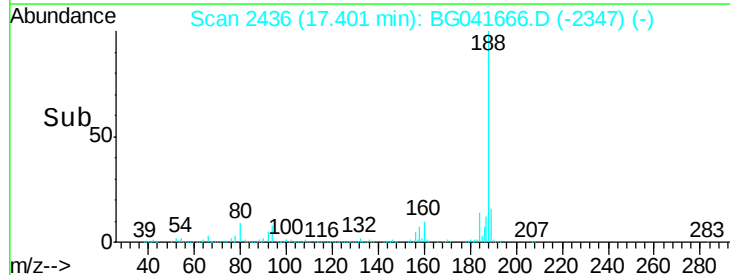
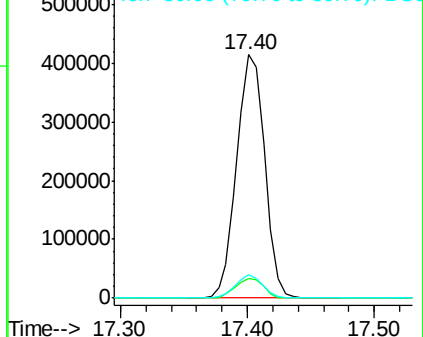


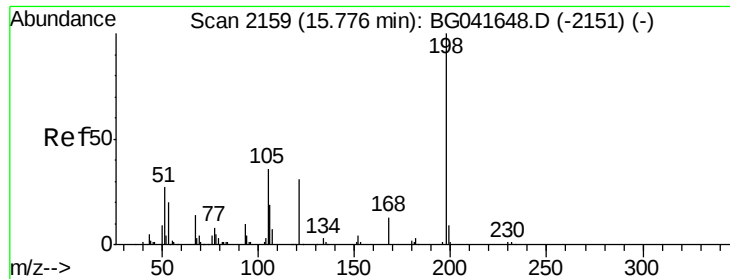
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2436
Delta R.T. -0.01 min
Lab File: BG041666.D
Acq: 16 Jul 2019 13:47

Tgt Ion:188 Resp: 634676
Ion Ratio Lower Upper
188 100
94 8.2 6.9 10.3
80 9.4 8.0 12.0



Abundance Ion 188.00 (187.70 to 188.70): E





#65

4,6-Dinitro-2-methylphenol

Concen: 7.084 ng

RT: 16.14 min Scan# 2222

Delta R.T. 0.36 min

Lab File: BG041666.D

Acq: 16 Jul 2019 13:47

Instrument :

BNA_G

ClientSampleId :

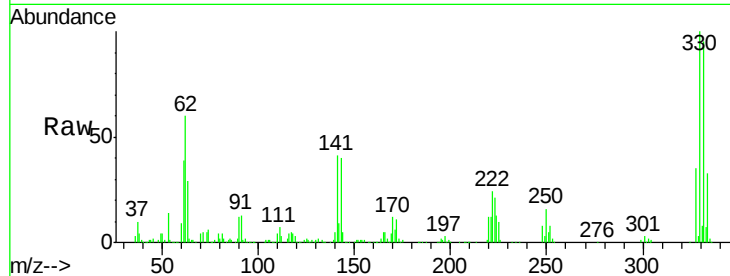
Tot Ion:198 Resp: 1435

Ion Ratio Lower Upper

198 100

51 159.1 22.3 62.3#

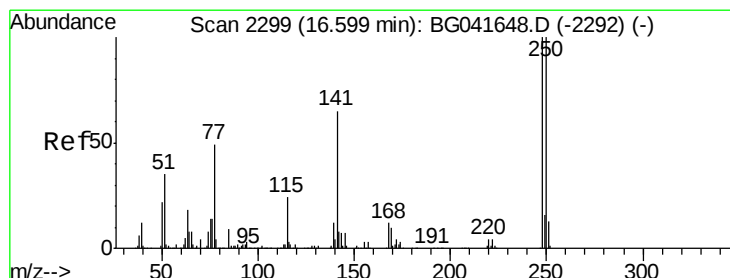
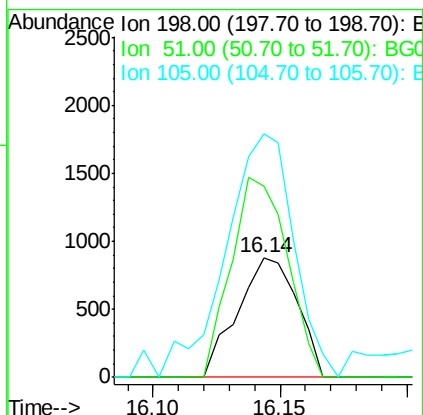
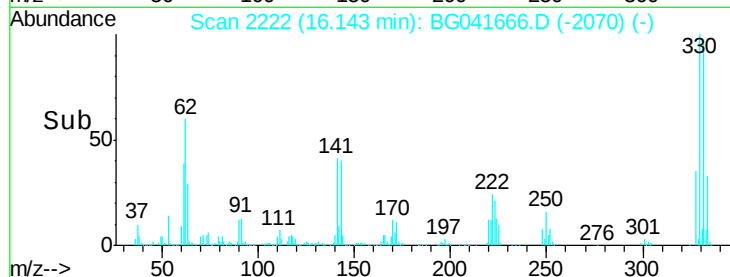
105 202.9 18.0 58.0#



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: 4.392 ng

RT: 16.14 min Scan# 2222

Delta R.T. -0.46 min

Lab File: BG041666.D

Acq: 16 Jul 2019 13:47

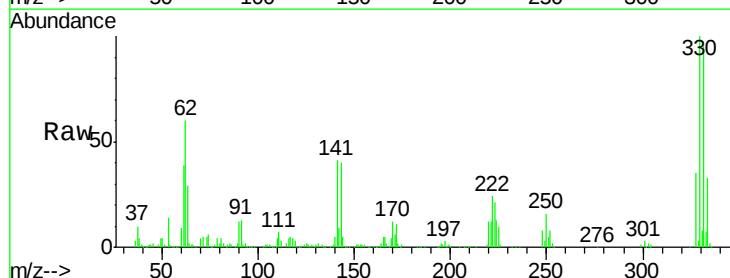
Tgt Ion:248 Resp: 33165

Ion Ratio Lower Upper

248 100

250 194.0 78.1 117.1#

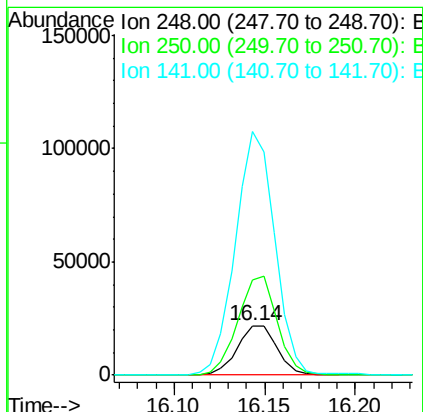
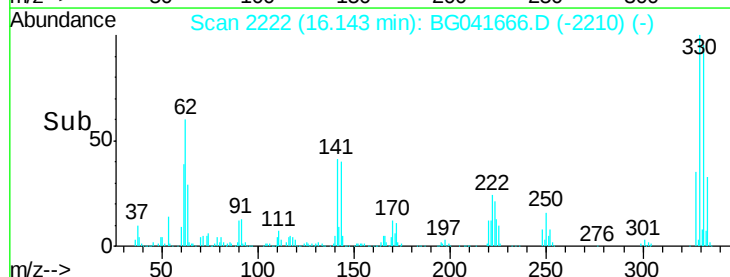
141 496.5 49.6 74.4#

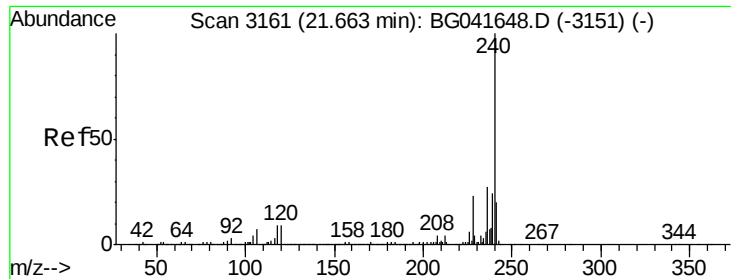


Abundance Ion 248.00 (247.70 to 248.70): E

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: BG041666.D

Acq: 16 Jul 2019 13:47

Instrument :

BNA_G

ClientSampled :

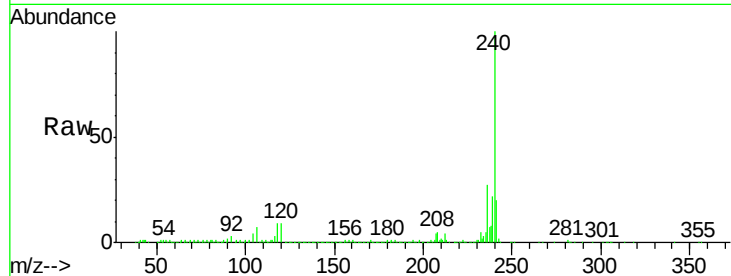
Tot Ion:240 Resp: 610613

Ion Ratio Lower Upper

240 100

120 8.9 8.0 12.0

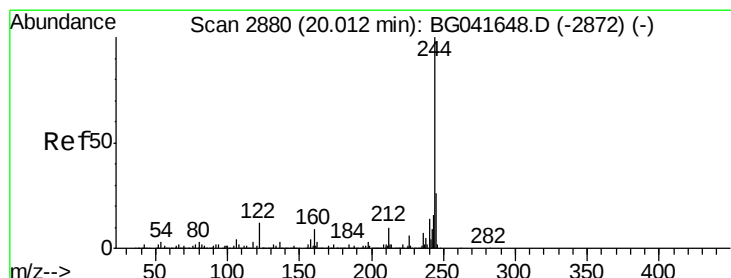
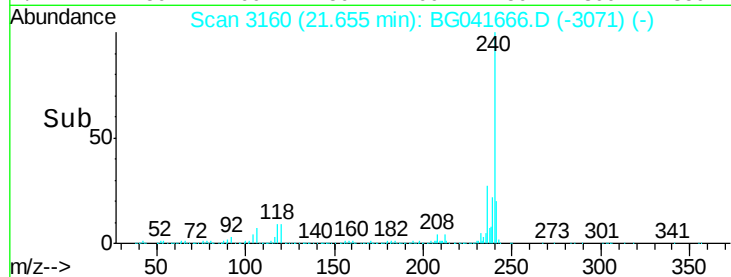
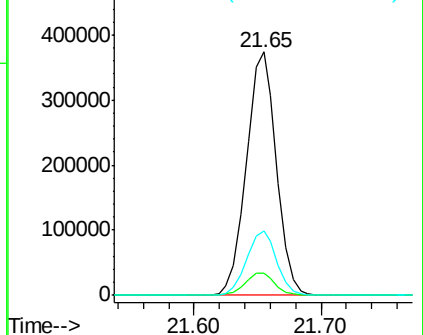
236 26.6 22.6 33.8



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: 82.564 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.00 min

Lab File: BG041666.D

Acq: 16 Jul 2019 13:47

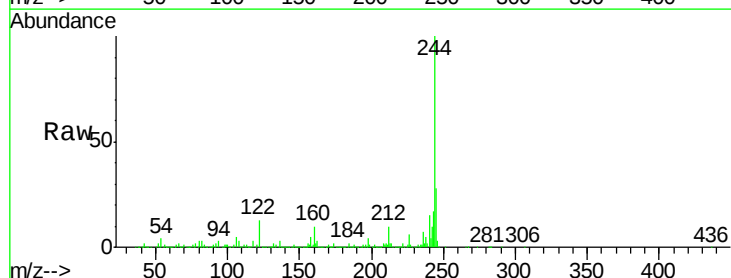
Tgt Ion:244 Resp: 2157344

Ion Ratio Lower Upper

244 100

212 10.4 9.7 14.5

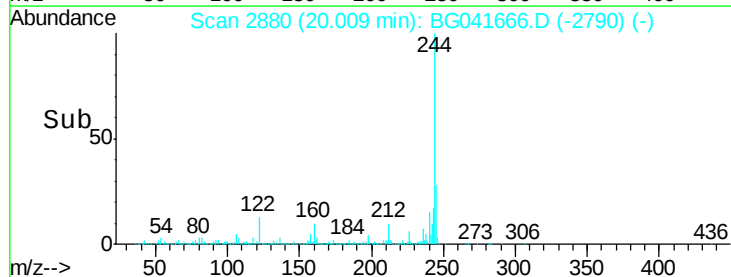
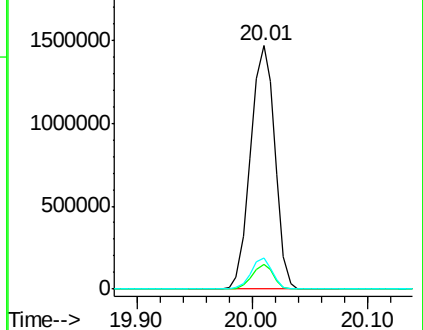
122 12.6 12.5 18.7

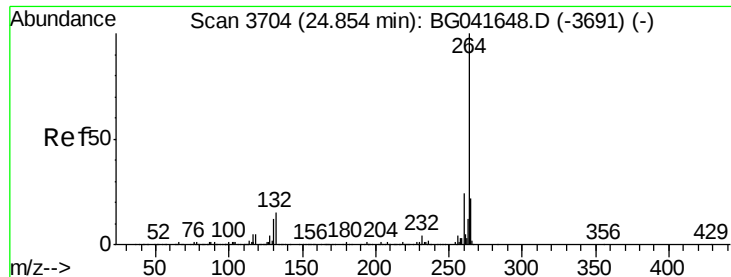


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

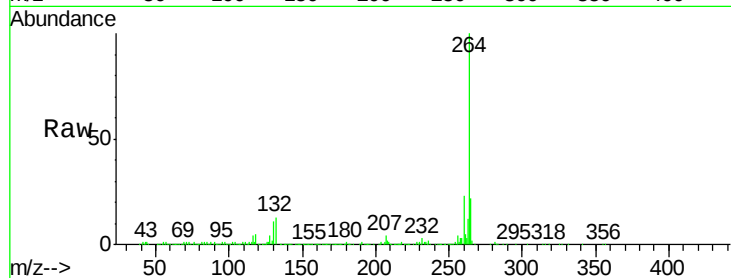




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3704
Delta R.T. -0.01 min
Lab File: BG041666.D
Acq: 16 Jul 2019 13:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	22.2	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

