

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072319\
 Data File : BG041763.D
 Acq On : 23 Jul 2019 19:45
 Operator : HP/JU
 Sample : K3617-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NB-07-071919-B

Quant Time: Jul 24 01:14:15 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

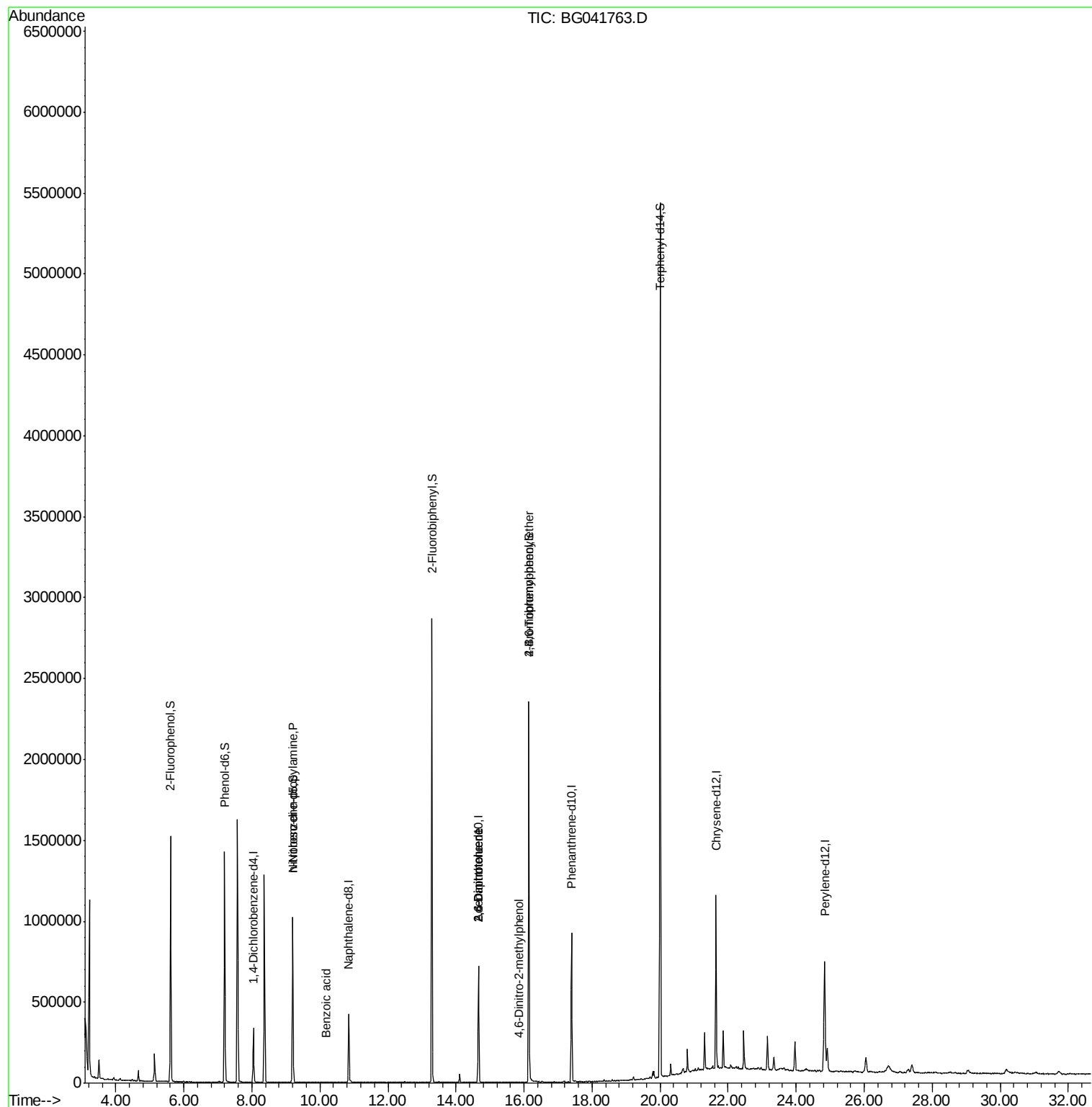
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	97264	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	374355	20.00	ng	-0.01
39) Acenaphthene-d10	14.66	164	264226	20.00	ng	-0.01
64) Phenanthrene-d10	17.40	188	595489	20.00	ng	-0.01
76) Chrysene-d12	21.64	240	638120	20.00	ng	-0.02
87) Perylene-d12	24.84	264	741784	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	651663	109.53	ng	0.00
7) Phenol-d6	7.20	99	828938	103.58	ng	0.00
23) Nitrobenzene-d5	9.20	82	601450	97.71	ng	-0.01
42) 2,4,6-Tribromophenol	16.14	330	476300	159.95	ng	-0.01
45) 2-Fluorobiphenyl	13.29	172	1508789	88.42	ng	-0.01
79) Terphenyl-d14	20.00	244	2434773	89.16	ng	-0.01
Target Compounds						
9) Benzaldehyde	7.20	77	1290	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	9.20	70	83538	14.282 ng	#	3
32) Benzoic acid	10.18	122	100	6.033 ng	#	28
51) 2,6-Dinitrotoluene	14.66	165	33971	7.718 ng	#	28
57) 2,4-Dinitrotoluene	14.66	165	33971	5.838 ng	#	29
65) 4,6-Dinitro-2-methylphenol	15.85	198	58	6.692 ng	#	35
67) 4-Bromophenyl-phenylether	16.14	248	35401	4.996 ng	#	1

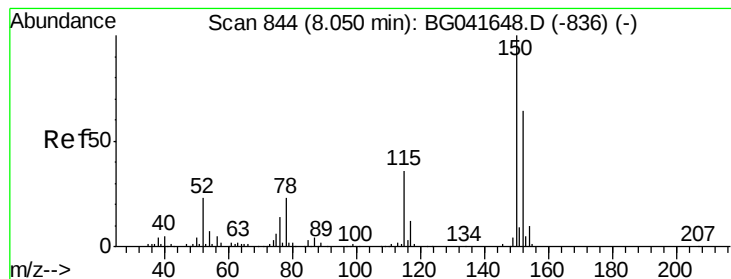
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072319\
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Quant Time: Jul 24 01:14:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071519.M
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QLast Update : Mon Jul 15 16:16:21 2019
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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: BG041763.D

Acq: 23 Jul 2019 19:45

Instrument :

BNA_G

ClientSampleId :

NB-07-071919-B

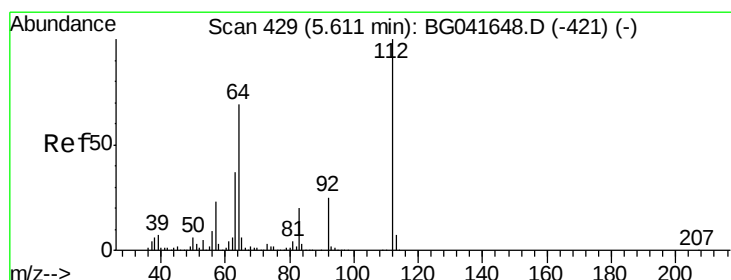
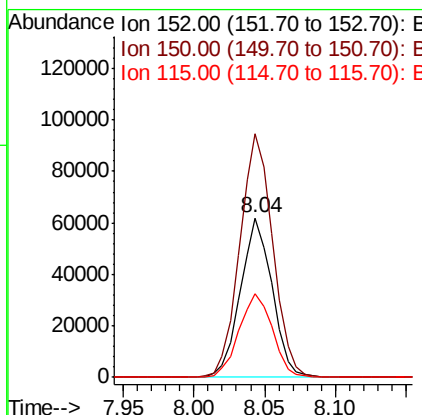
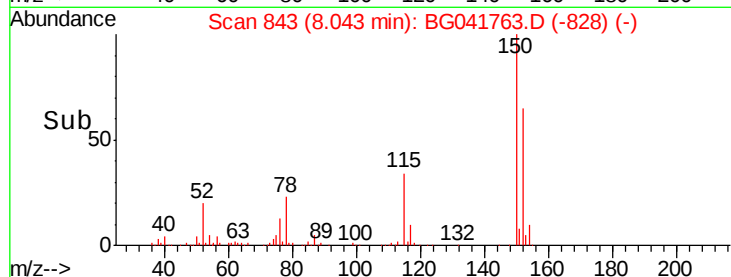
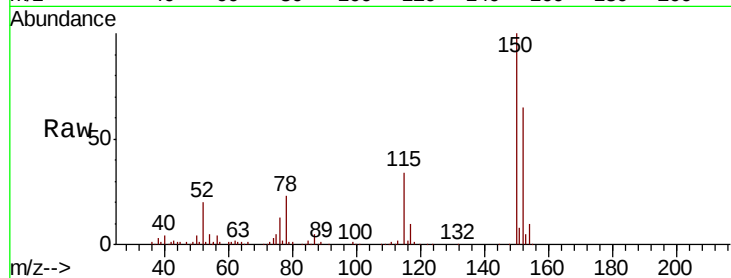
Tgt Ion:152 Resp: 97264

Ion Ratio Lower Upper

152 100

150 152.8 126.9 190.3

115 52.4 45.0 67.6



#5

2-Fluorophenol

Concen: 109.527 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.00 min

Lab File: BG041763.D

Acq: 23 Jul 2019 19:45

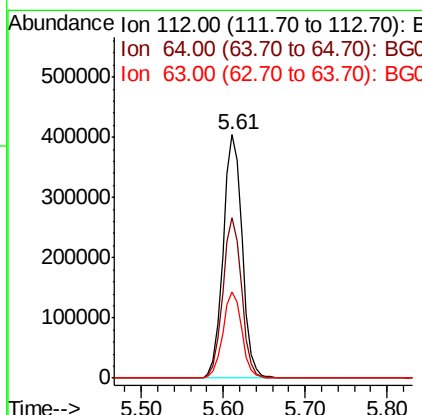
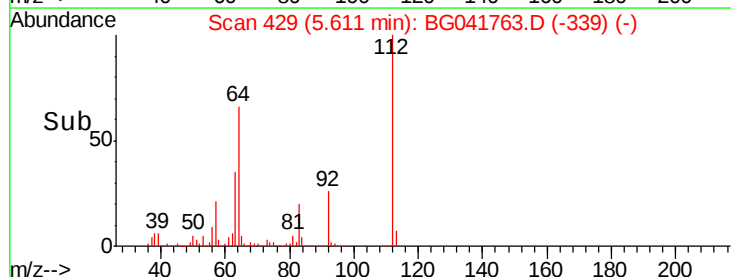
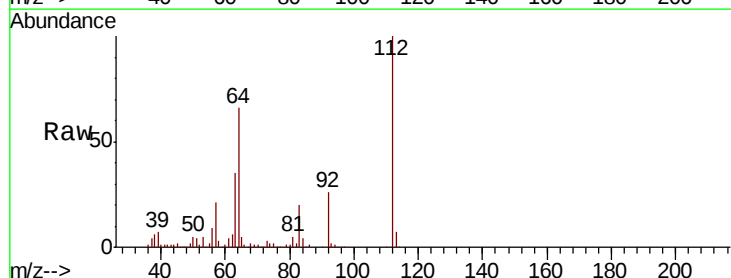
Tgt Ion:112 Resp: 651663

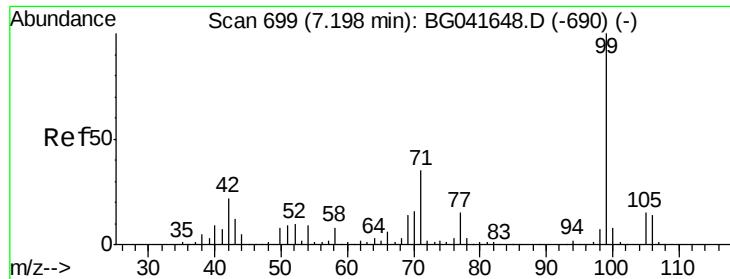
Ion Ratio Lower Upper

112 100

64 65.7 55.4 83.2

63 35.5 29.1 43.7





#7

Phenol-d6

Concen: 103.582 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG041763.D

Acq: 23 Jul 2019 19:45

Instrument :

BNA_G

ClientSampleId :

NB-07-071919-B

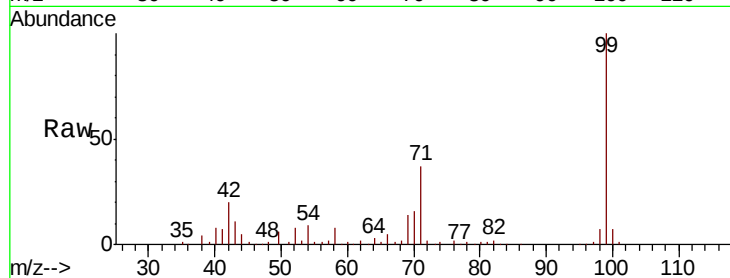
Tgt Ion: 99 Resp: 828938

Ion Ratio Lower Upper

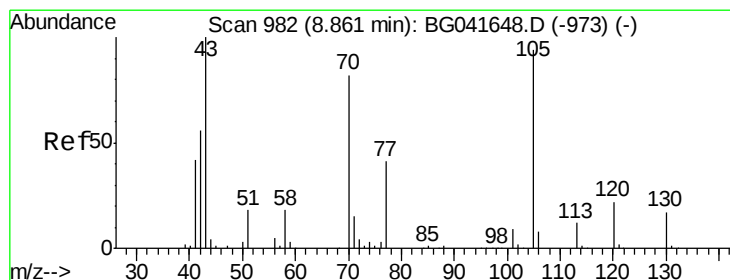
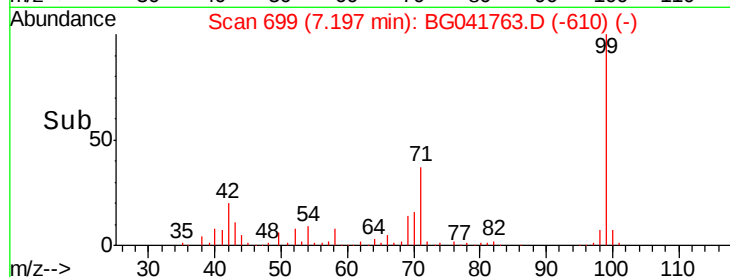
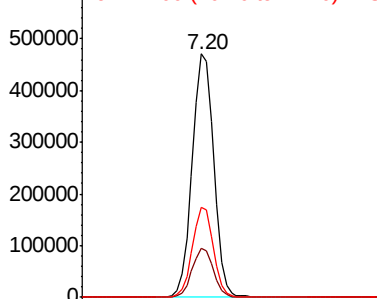
99 100

42 20.3 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: 14.282 ng

RT: 9.20 min Scan# 1040

Delta R.T. 0.34 min

Lab File: BG041763.D

Acq: 23 Jul 2019 19:45

Tgt Ion: 70 Resp: 83538

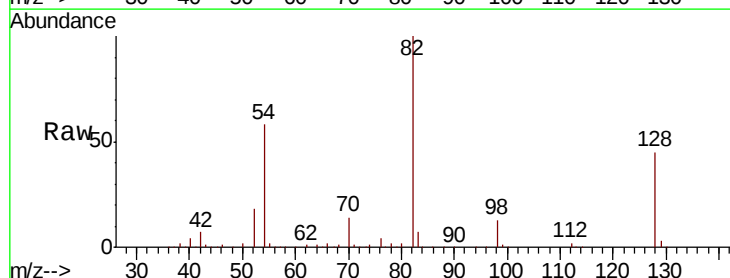
Ion Ratio Lower Upper

70 100

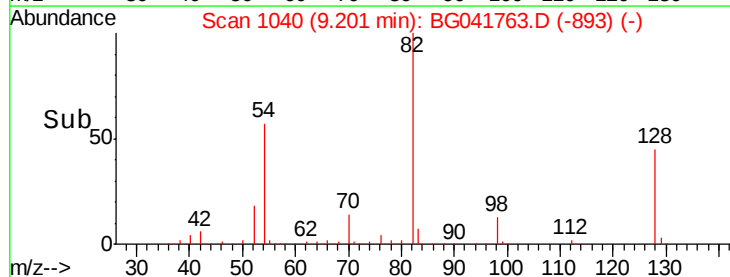
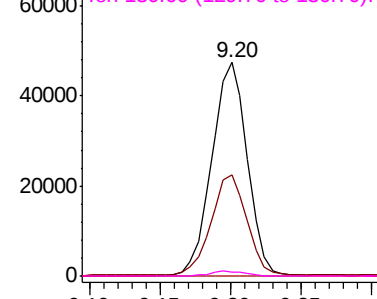
42 47.2 55.8 83.6#

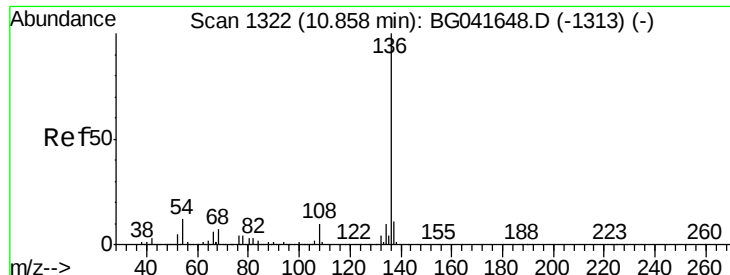
101 0.0 8.1 12.1#

130 1.7 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

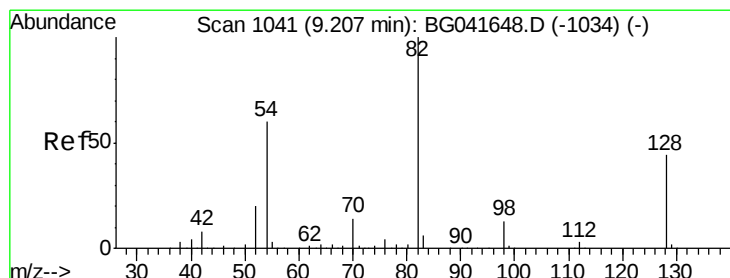
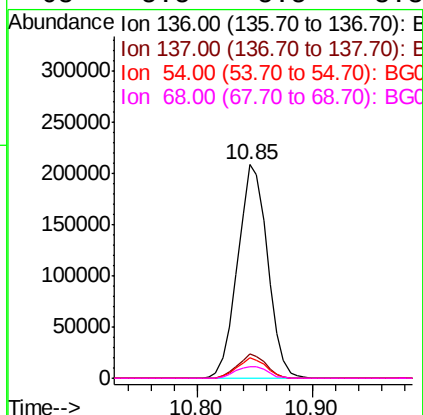
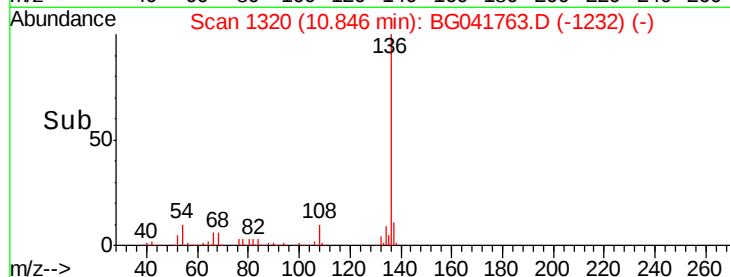
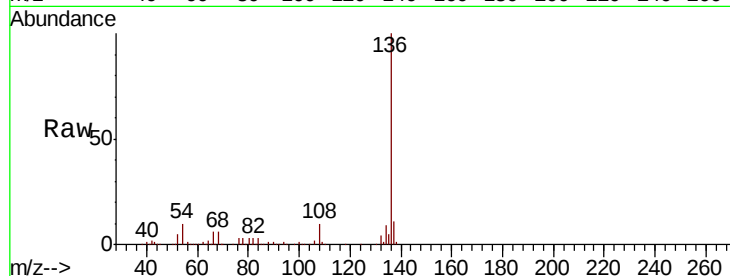




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BG041763.D
Acq: 23 Jul 2019 19:45

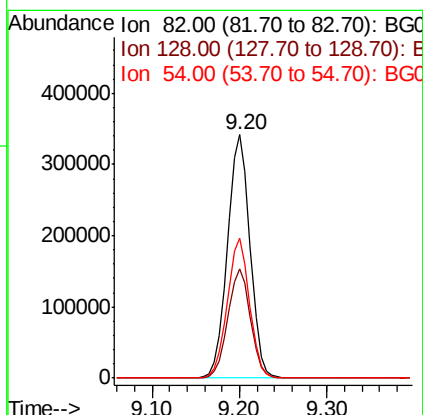
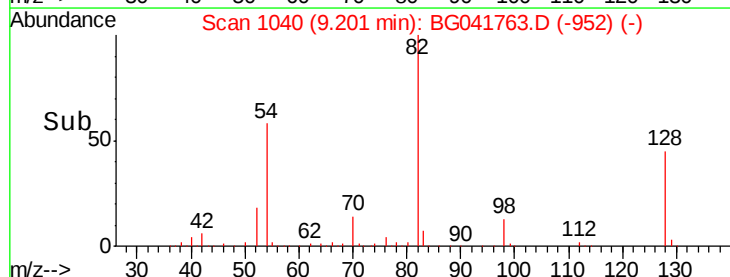
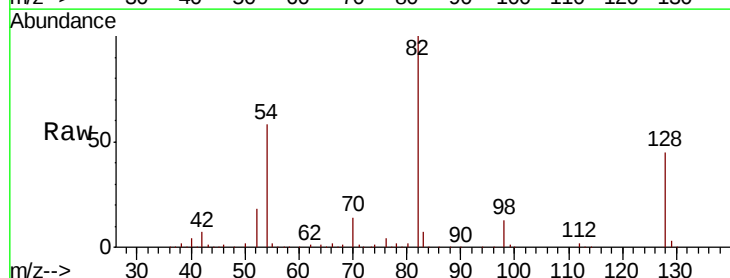
Instrument :
BNA_G
ClientSampleId :
NB-07-071919-B

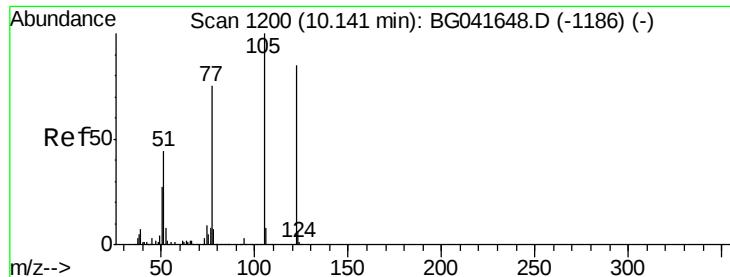
Tgt Ion:	136	Resp:	374355
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	9.7	8.7	13.1
68	5.5	5.5	8.3



#23
Nitrobenzene-d5
Concen: 97.707 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BG041763.D
Acq: 23 Jul 2019 19:45

Tgt Ion:	82	Resp:	601450
Ion	Ratio	Lower	Upper
82	100		
128	45.1	35.1	52.7
54	57.6	48.7	73.1

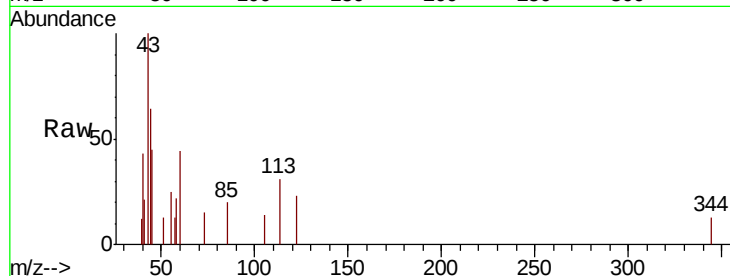




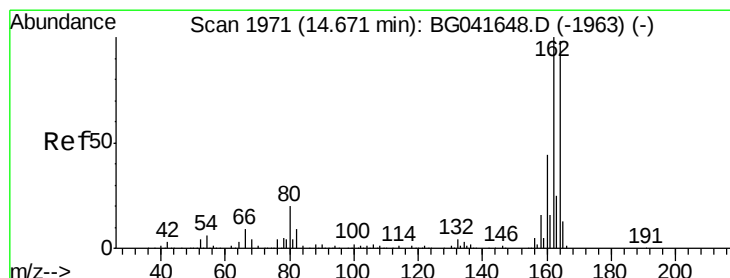
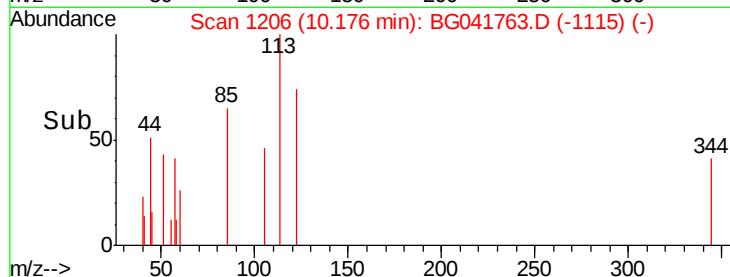
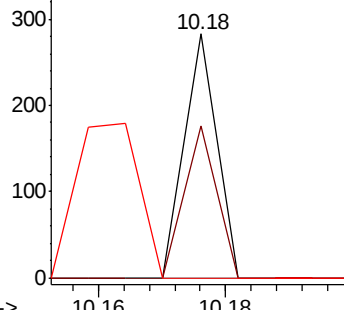
#32
Benzoic acid
Concen: 6.033 ng
RT: 10.18 min Scan# 1206
Delta R.T. 0.01 min
Lab File: BG041763.D
Acq: 23 Jul 2019 19:45

Instrument :
BNA_G
ClientSampleId :
NB-07-071919-B

Tgt Ion	Ratio	Lower	Upper
122	100		
105	62.2	101.5	141.5#
77	0.0	73.0	113.0#

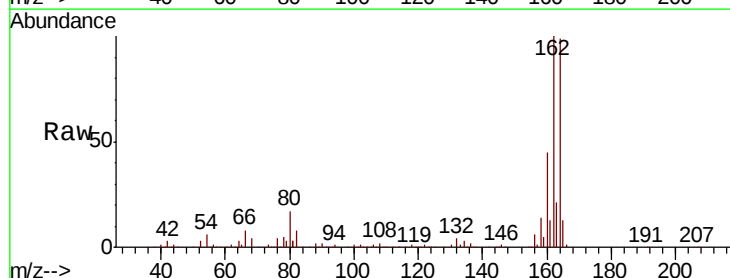


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGC

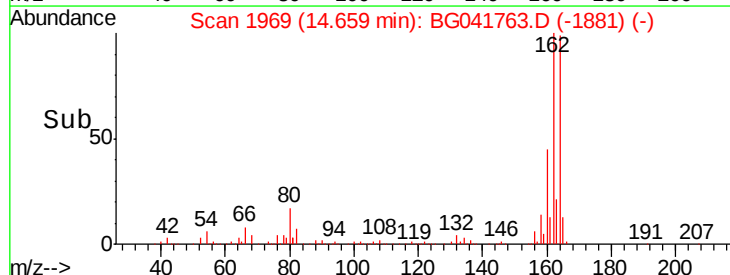
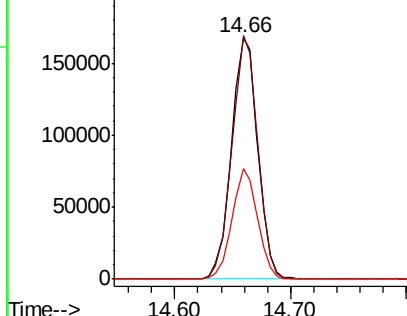


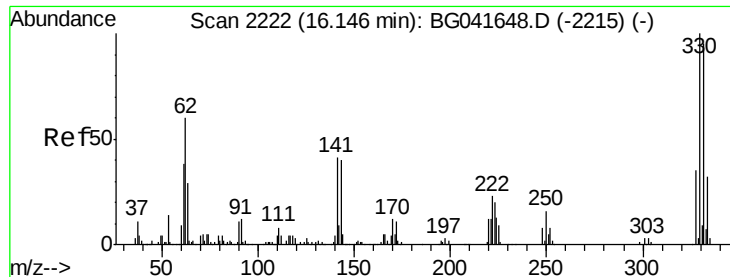
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG041763.D
Acq: 23 Jul 2019 19:45

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.8	79.6	119.4
160	45.7	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

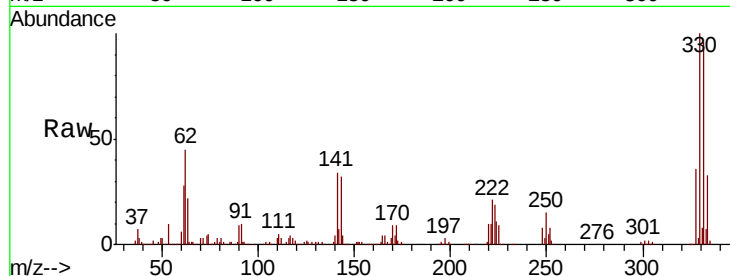




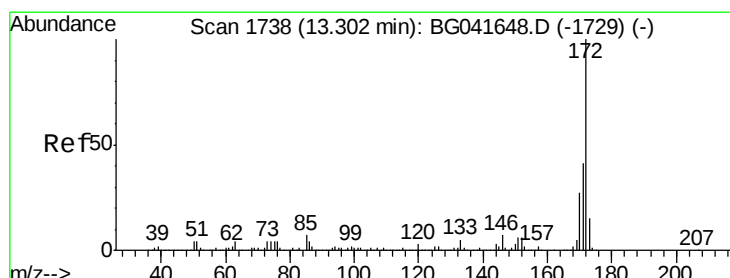
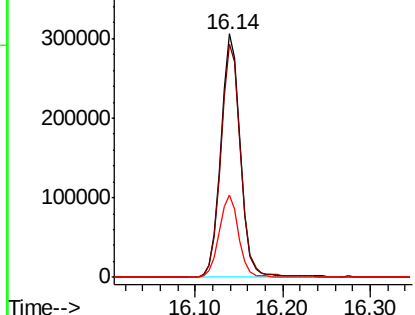
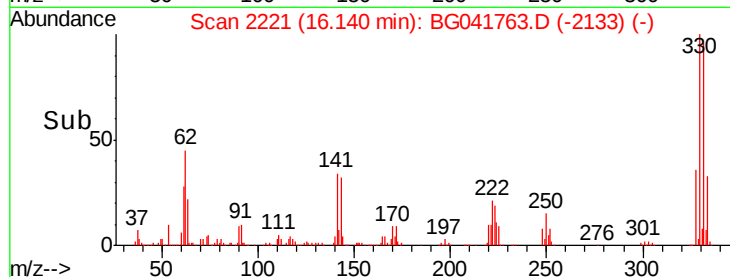
#42
 2,4,6-Tribromophenol
 Concen: 159.951 ng
 RT: 16.14 min Scan# 2221
 Delta R.T. -0.01 min
 Lab File: BG041763.D
 Acq: 23 Jul 2019 19:45

Instrument :
 BNA_G
 ClientSampleId :
 NB-07-071919-B

Tgt Ion:330 Resp: 476300
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.4 116.0
 141 33.7 31.9 47.9

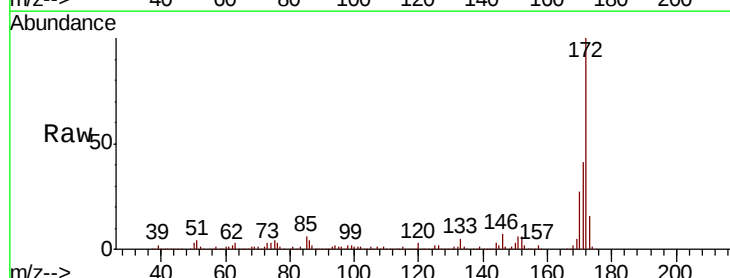


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

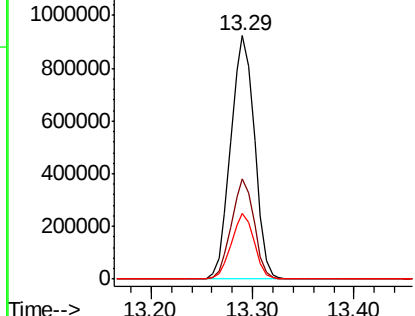
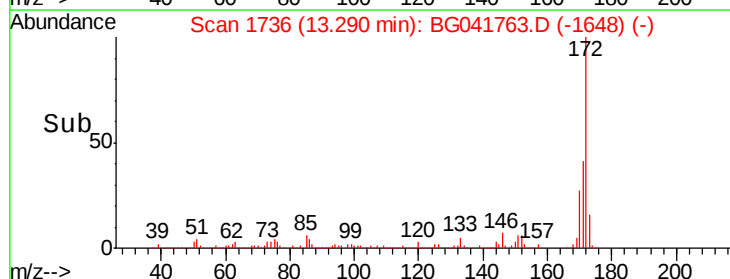


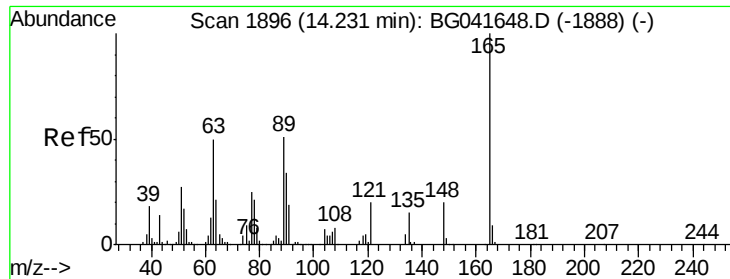
#45
 2-Fluorobiphenyl
 Concen: 88.423 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.01 min
 Lab File: BG041763.D
 Acq: 23 Jul 2019 19:45

Tgt Ion:172 Resp: 1508789
 Ion Ratio Lower Upper
 172 100
 171 41.3 35.0 52.4
 170 27.1 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





#51

2,6-Dinitrotoluene

Concen: 7.718 ng

RT: 14.66 min Scan# 1969

Delta R.T. 0.42 min

Lab File: BG041763.D

Acq: 23 Jul 2019 19:45

Instrument :

BNA_G

ClientSampleId :

NB-07-071919-B

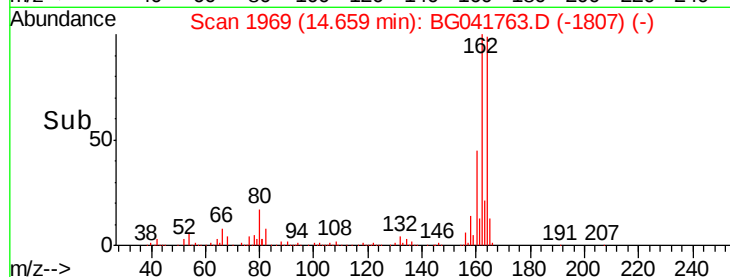
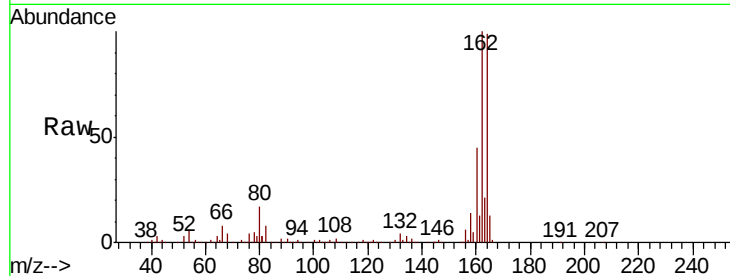
Tgt Ion:165 Resp: 33971

Ion Ratio Lower Upper

165 100

63 1.6 42.4 63.6#

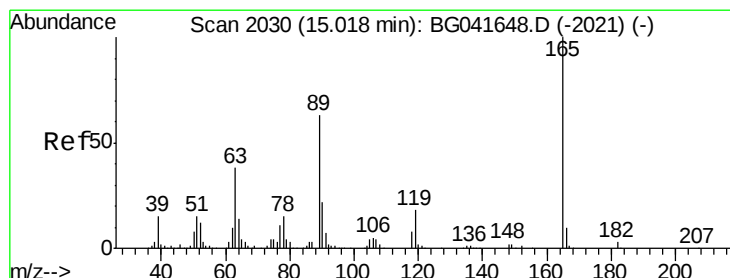
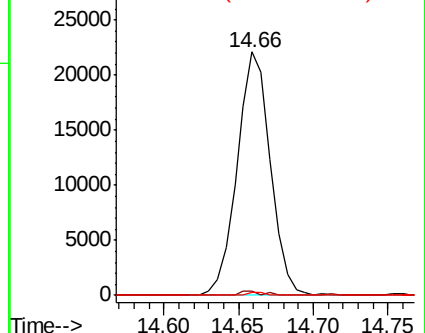
89 1.4 42.1 63.1#



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



#57

2,4-Dinitrotoluene

Concen: 5.838 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.36 min

Lab File: BG041763.D

Acq: 23 Jul 2019 19:45

Tgt Ion:165 Resp: 33971

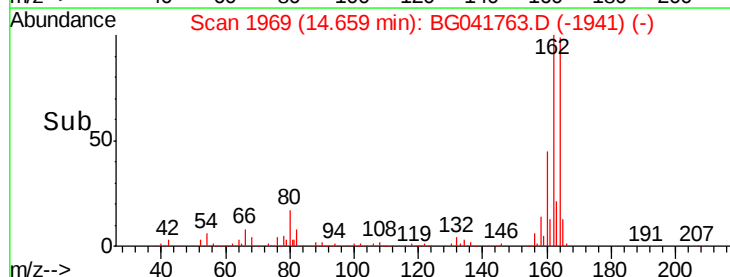
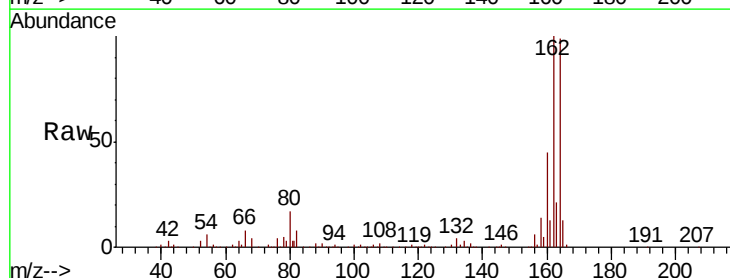
Ion Ratio Lower Upper

165 100

63 1.6 31.7 47.5#

89 1.4 50.2 75.4#

182 0.0 2.6 4.0#

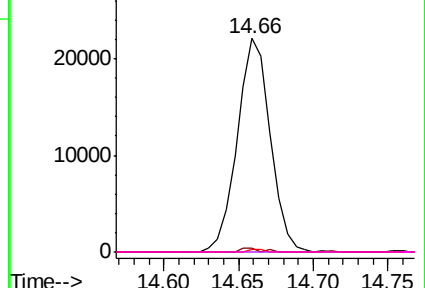


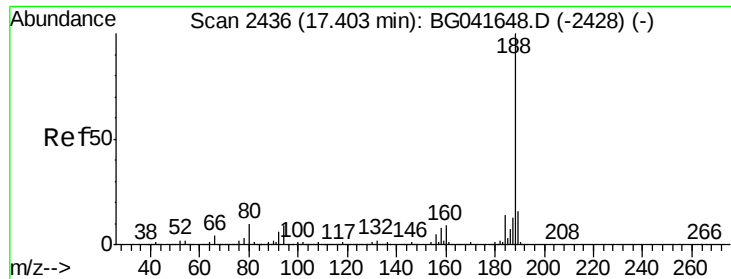
Abundance Ion 165.00 (164.70 to 165.70): E

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

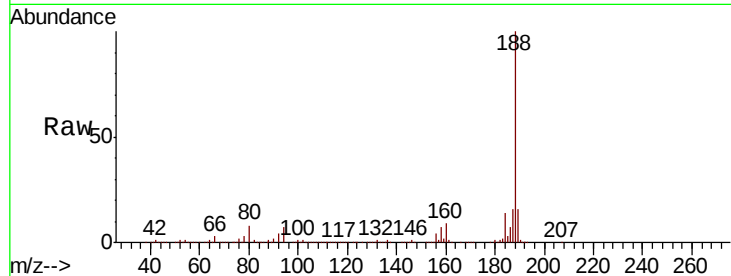




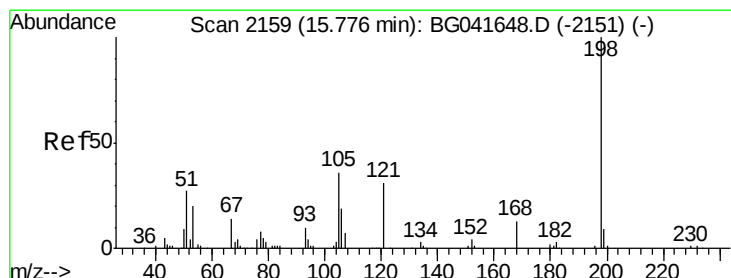
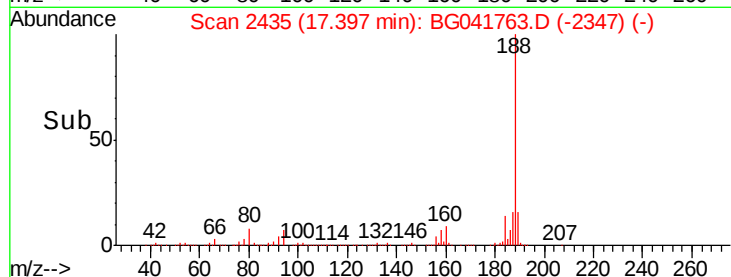
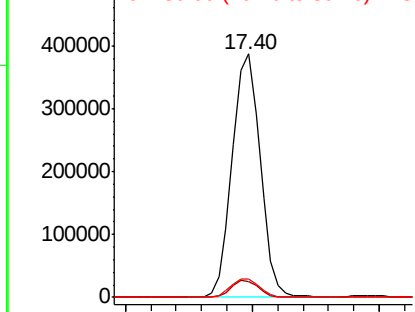
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG041763.D
Acq: 23 Jul 2019 19:45

Instrument :
BNA_G
ClientSampleId :
NB-07-071919-B

Tgt Ion:188 Resp: 595489
Ion Ratio Lower Upper
188 100
94 6.7 6.9 10.3#
80 7.6 8.0 12.0#

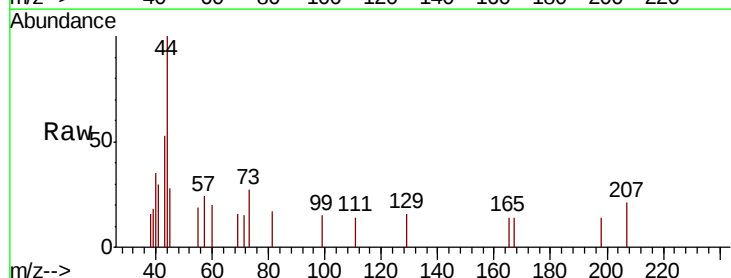


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

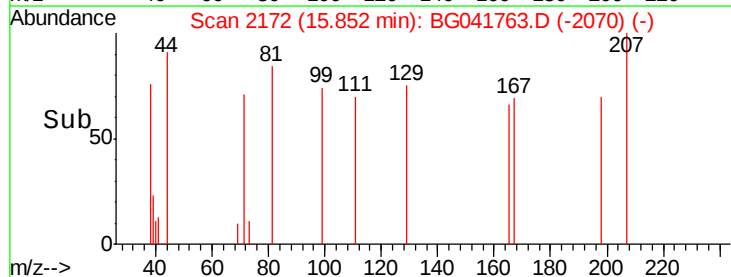
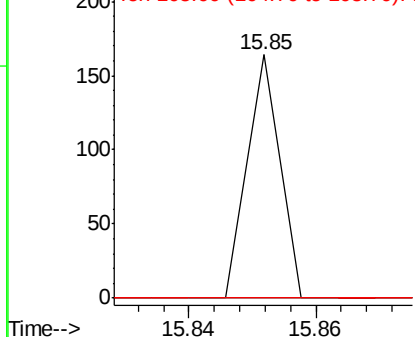


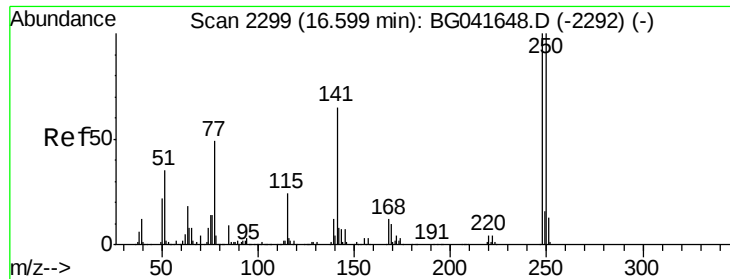
#65
4,6-Dinitro-2-methylphenol
Concen: 6.692 ng
RT: 15.85 min Scan# 2172
Delta R.T. 0.07 min
Lab File: BG041763.D
Acq: 23 Jul 2019 19:45

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#



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

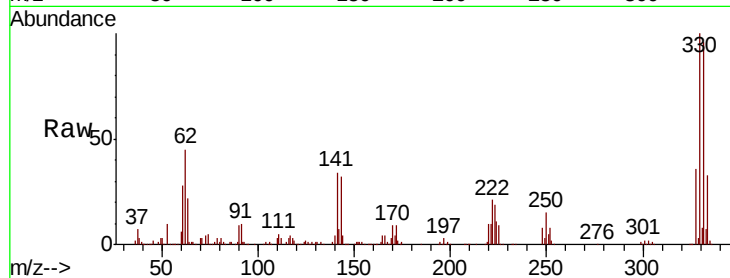




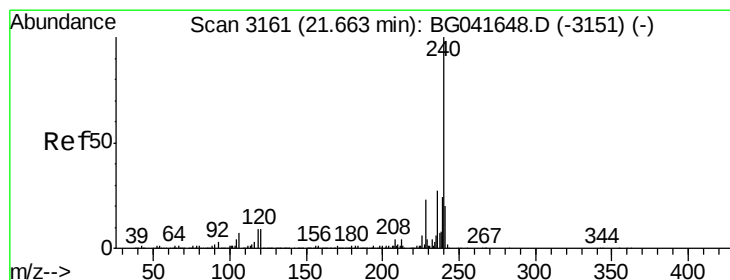
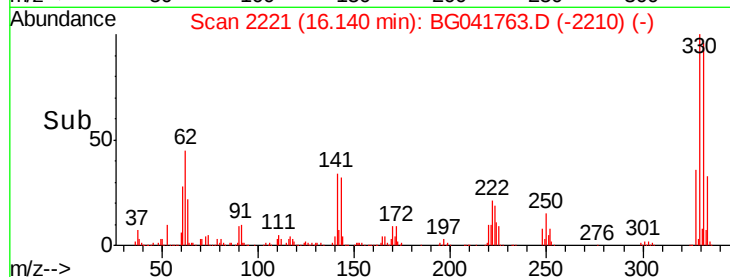
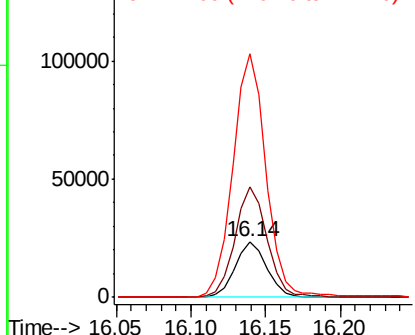
#67
 4-Bromophenyl-phenylether
 Concen: 4.996 ng
 RT: 16.14 min Scan# 2221
 Delta R.T. -0.46 min
 Lab File: BG041763.D
 Acq: 23 Jul 2019 19:45

Instrument :
 BNA_G
 ClientSampleId :
 NB-07-071919-B

Tgt Ion:248 Resp: 35401
 Ion Ratio Lower Upper
 248 100
 250 196.7 78.1 117.1#
 141 435.7 49.6 74.4#

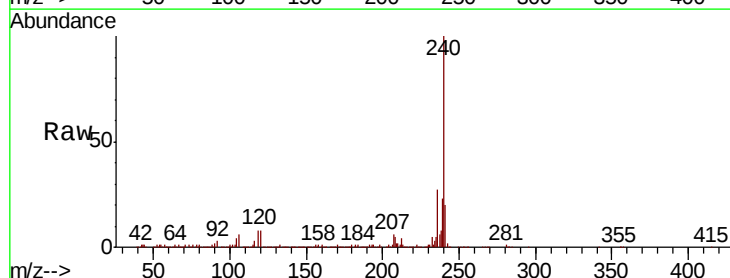


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

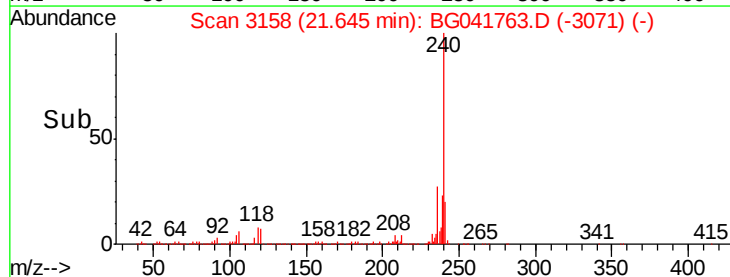
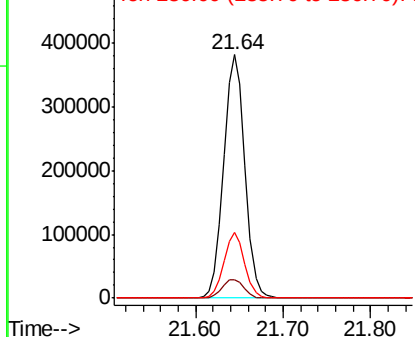


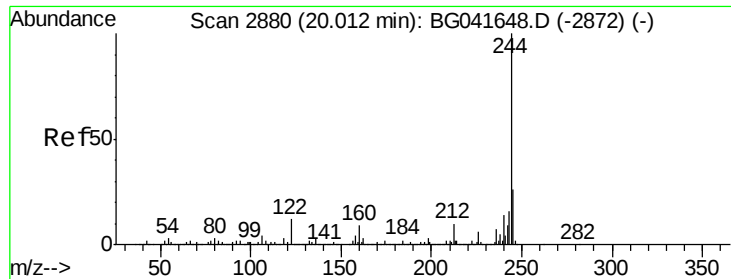
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.64 min Scan# 3158
 Delta R.T. -0.02 min
 Lab File: BG041763.D
 Acq: 23 Jul 2019 19:45

Tgt Ion:240 Resp: 638120
 Ion Ratio Lower Upper
 240 100
 120 7.5 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: 89.164 ng

RT: 20.00 min Scan# 2878

Delta R.T. -0.01 min

Lab File: BG041763.D

Acq: 23 Jul 2019 19:45

Instrument :

BNA_G

ClientSampleId :

NB-07-071919-B

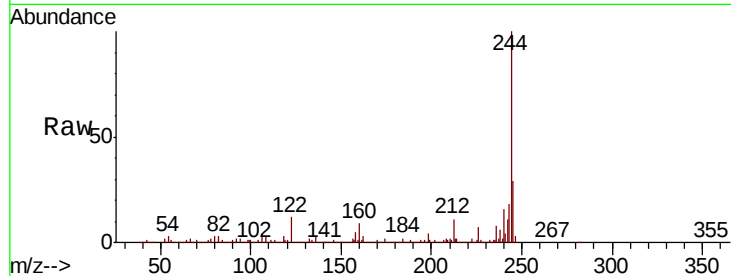
Tgt Ion:244 Resp: 2434773

Ion Ratio Lower Upper

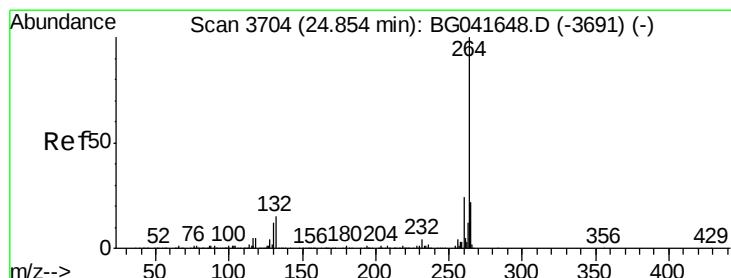
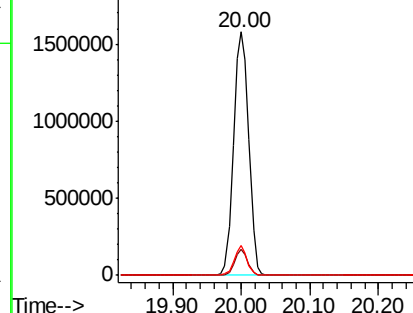
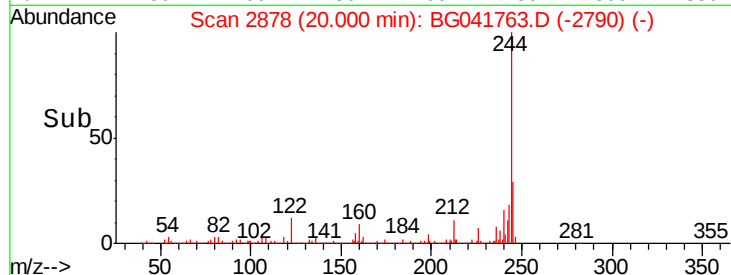
244 100

212 10.8 9.7 14.5

122 12.1 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: 24.84 min Scan# 3701

Delta R.T. -0.03 min

Lab File: BG041763.D

Acq: 23 Jul 2019 19:45

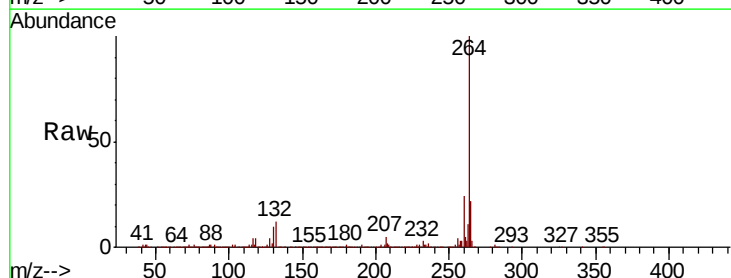
Tgt Ion:264 Resp: 741784

Ion Ratio Lower Upper

264 100

260 24.0 19.5 29.3

265 22.1 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

