

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072219\
 Data File : BG041743.D
 Acq On : 22 Jul 2019 10:52
 Operator : HP/JU
 Sample : K3903-07RE
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 22 15:04:59 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

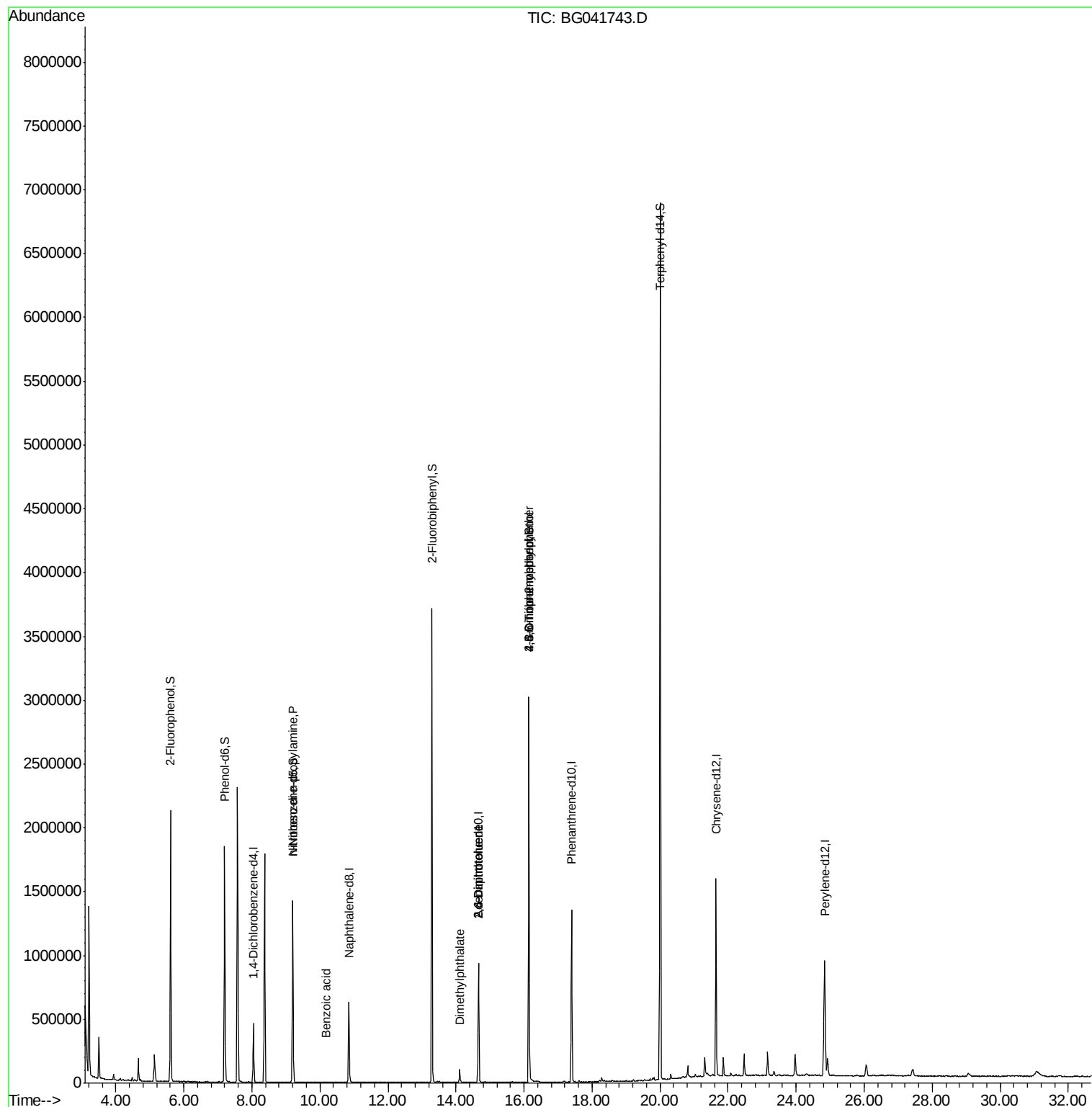
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	139330	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	559334	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	348690	20.00	ng	-0.01
64) Phenanthrene-d10	17.40	188	869371	20.00	ng	-0.01
76) Chrysene-d12	21.64	240	883652	20.00	ng	-0.02
87) Perylene-d12	24.84	264	992053	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	895274	105.04	ng	0.00
7) Phenol-d6	7.20	99	1103794	96.28	ng	0.00
23) Nitrobenzene-d5	9.20	82	837311	91.04	ng	-0.01
42) 2,4,6-Tribromophenol	16.14	330	562614	143.17	ng	-0.01
45) 2-Fluorobiphenyl	13.29	172	1935001	85.93	ng	-0.01
79) Terphenyl-d14	20.00	244	2902197	76.75	ng	-0.01
Target Compounds						
9) Benzaldehyde	7.20	77	2492	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	9.20	70	114281	13.639 ng	#	3
32) Benzoic acid	10.19	122	240	6.047 ng		92
50) Dimethylphthalate	14.11	163	73835	2.696 ng		98
51) 2,6-Dinitrotoluene	14.66	165	45124	7.768 ng	#	28
57) 2,4-Dinitrotoluene	14.66	165	45124	5.877 ng	#	29
65) 4,6-Dinitro-2-methylphenol	16.14	198	1712	7.031 ng	#	1
67) 4-Bromophenyl-phenylether	16.14	248	44517	4.303 ng	#	1

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

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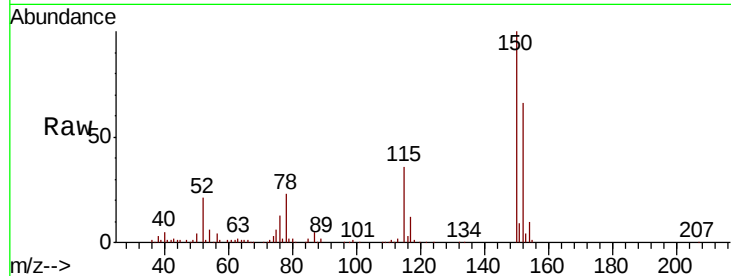


#1

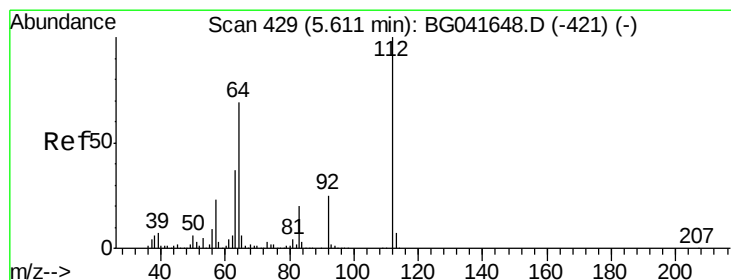
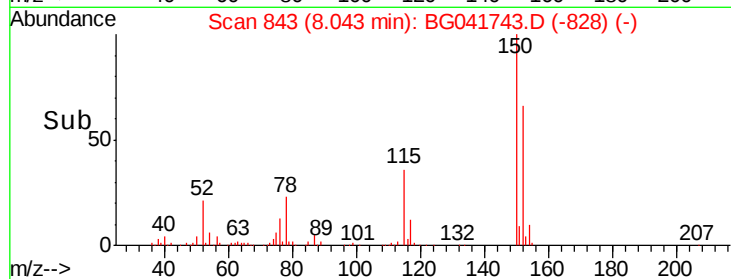
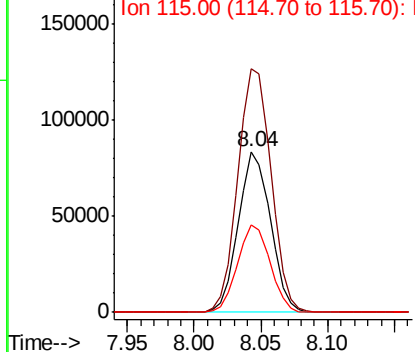
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG041743.D
Acq: 22 Jul 2019 10:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 139330
Ion Ratio Lower Upper
152 100
150 151.6 126.9 190.3
115 54.7 45.0 67.6



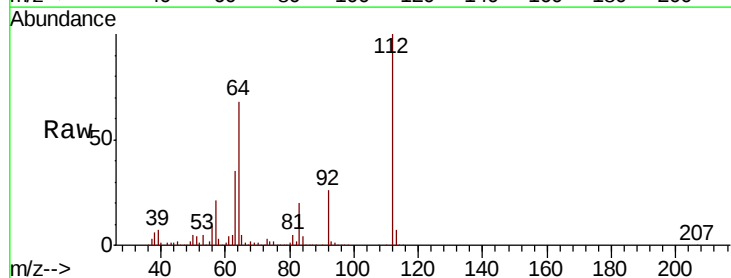
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



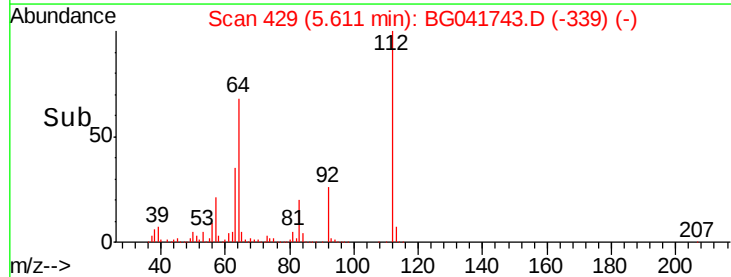
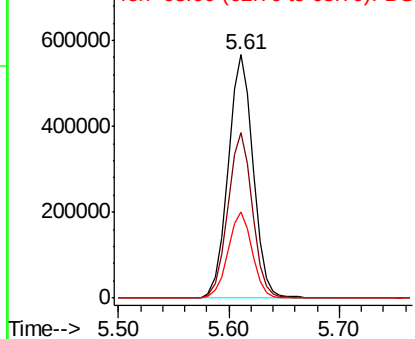
#5

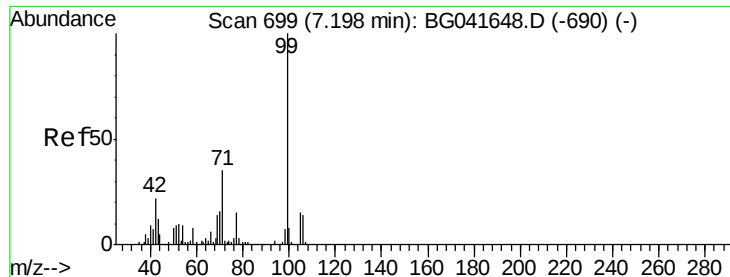
2-Fluorophenol
Concen: 105.042 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.00 min
Lab File: BG041743.D
Acq: 22 Jul 2019 10:52

Tgt Ion:112 Resp: 895274
Ion Ratio Lower Upper
112 100
64 67.8 55.4 83.2
63 35.3 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: 96.285 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG041743.D

Acq: 22 Jul 2019 10:52

Instrument :

BNA_G

ClientSampleId :

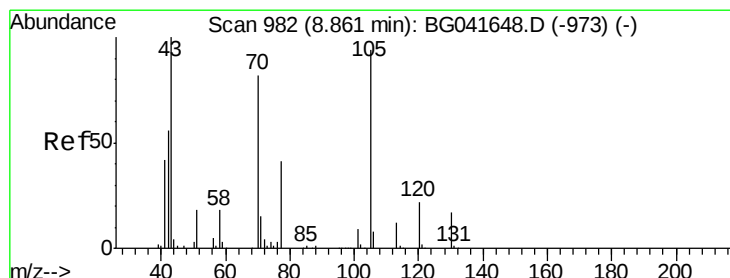
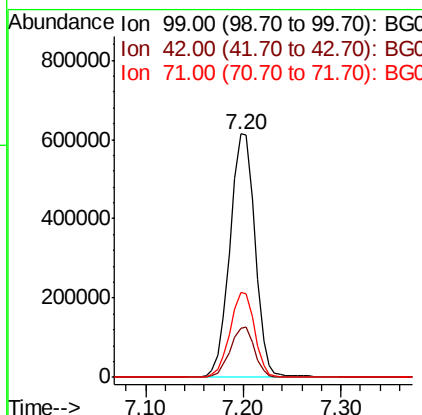
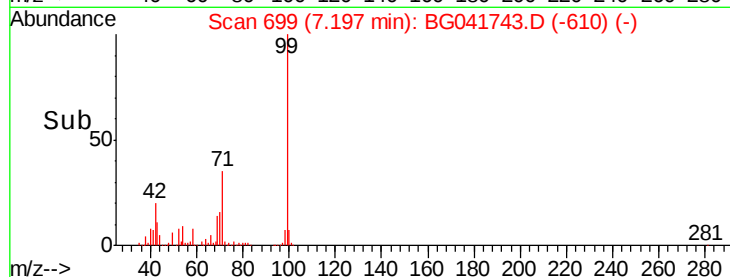
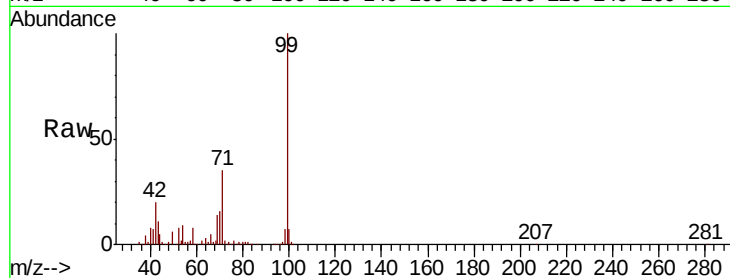
Tot Ion: 99 Resp: 1103794

Ion Ratio Lower Upper

99 100

42 20.3 17.6 26.4

71 35.1 27.8 41.6



#19

n-Nitroso-di-n-propylamine

Concen: 13.639 ng

RT: 9.20 min Scan# 1040

Delta R.T. 0.34 min

Lab File: BG041743.D

Acq: 22 Jul 2019 10:52

Tgt Ion: 70 Resp: 114281

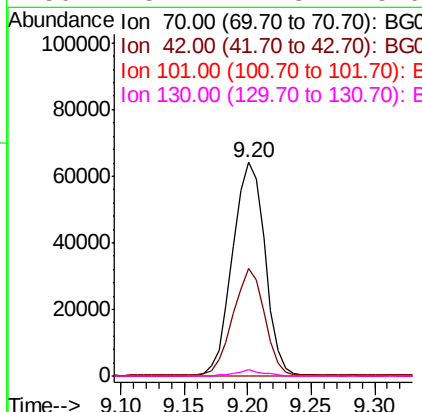
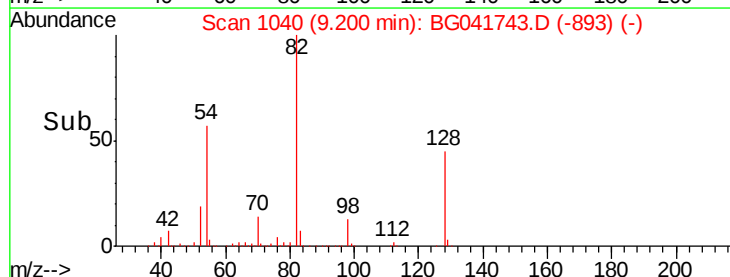
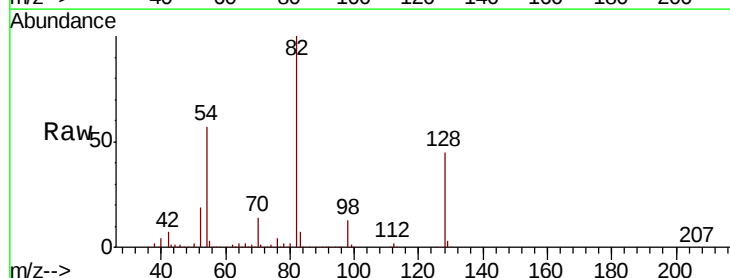
Ion Ratio Lower Upper

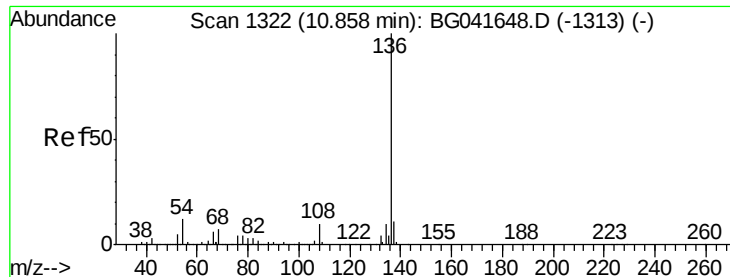
70 100

42 50.6 55.8 83.6#

101 0.0 8.1 12.1#

130 3.2 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: BG041743.D

Acq: 22 Jul 2019 10:52

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 559334

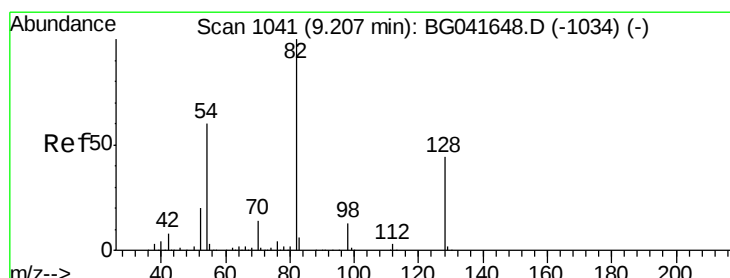
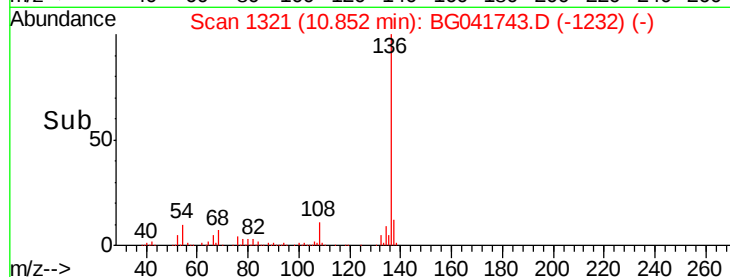
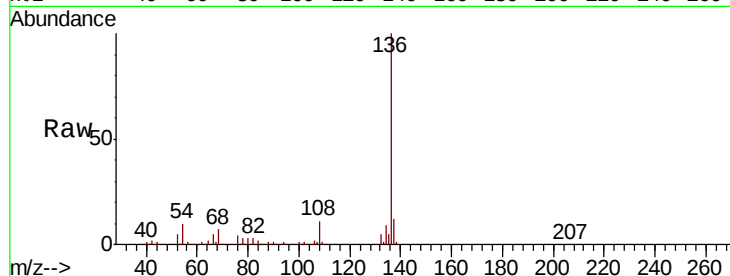
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.2	13.8
54	10.1	8.7	13.1
68	6.6	5.5	8.3

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: 91.039 ng

RT: 9.20 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BG041743.D

Acq: 22 Jul 2019 10:52

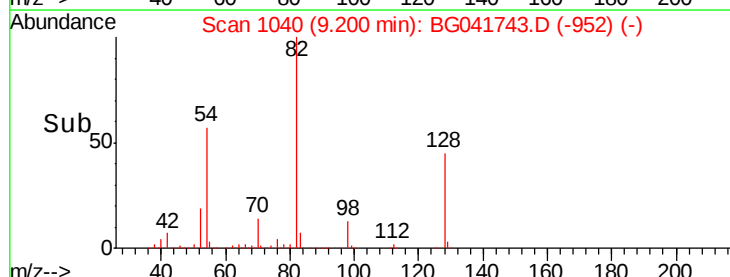
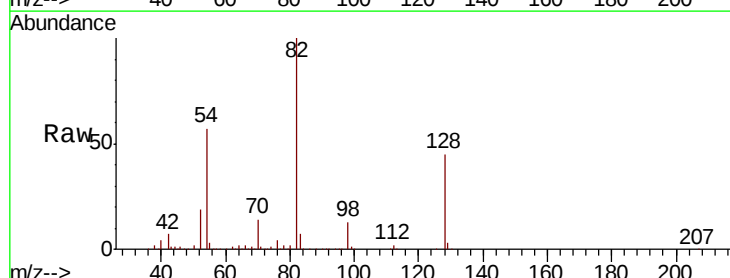
Tgt Ion: 82 Resp: 837311

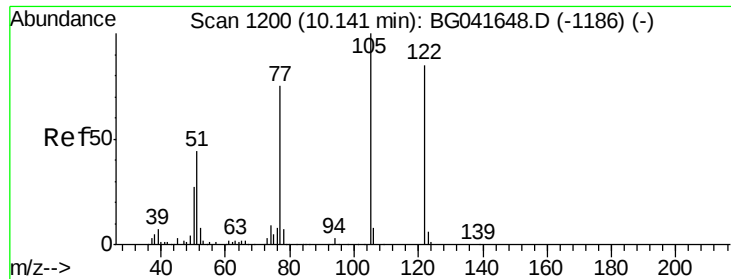
Ion	Ratio	Lower	Upper
82	100		
128	45.2	35.1	52.7
54	57.2	48.7	73.1

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

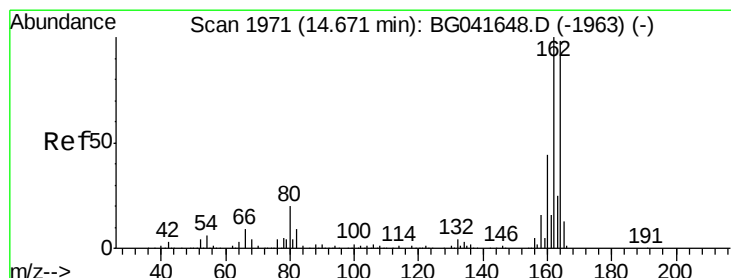
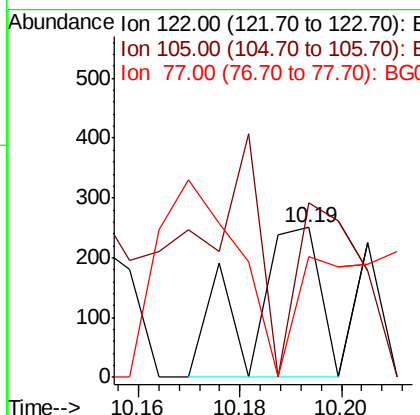
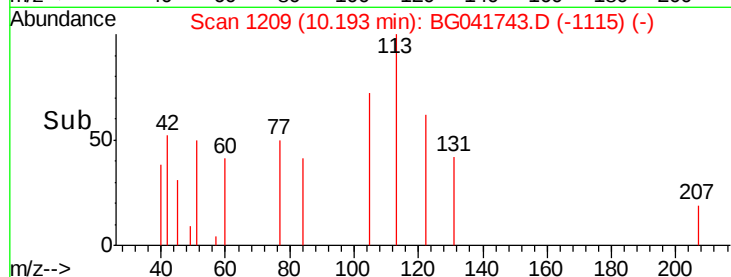
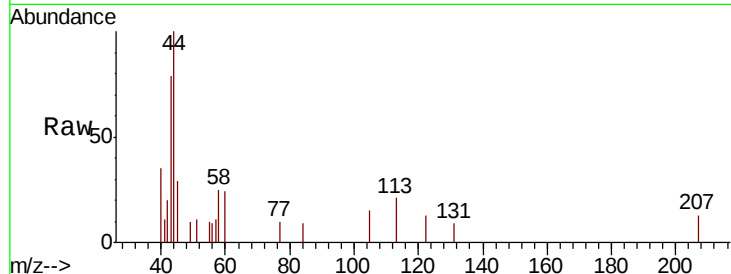




#32
Benzoic acid
Concen: 6.047 ng
RT: 10.19 min Scan# 1209
Delta R.T. 0.02 min
Lab File: BG041743.D
Acq: 22 Jul 2019 10:52

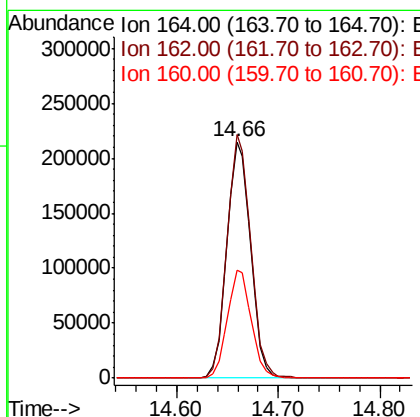
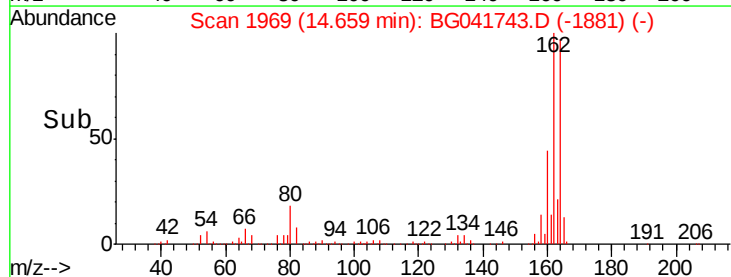
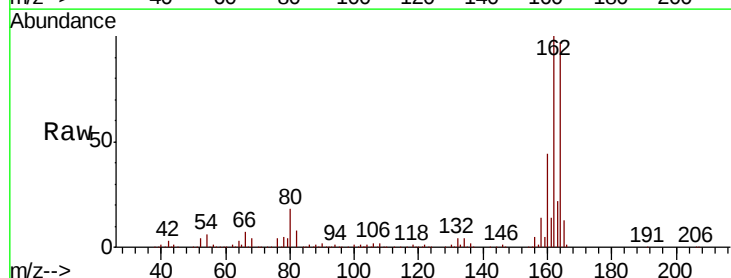
Instrument :
BNA_G
ClientSampleId :

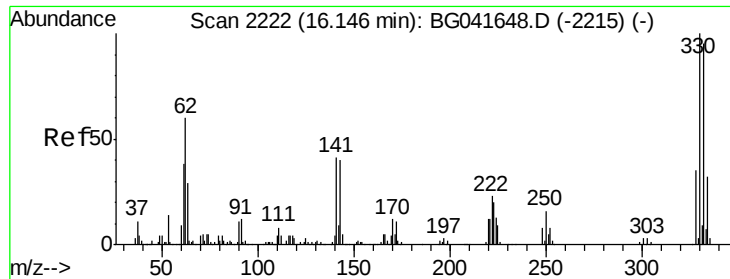
Tot Ion:122 Resp: 240
Ion Ratio Lower Upper
122 100
105 116.3 101.5 141.5
77 80.5 73.0 113.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG041743.D
Acq: 22 Jul 2019 10:52

Tgt Ion:164 Resp: 348690
Ion Ratio Lower Upper
164 100
162 102.9 79.6 119.4
160 45.6 35.4 53.0

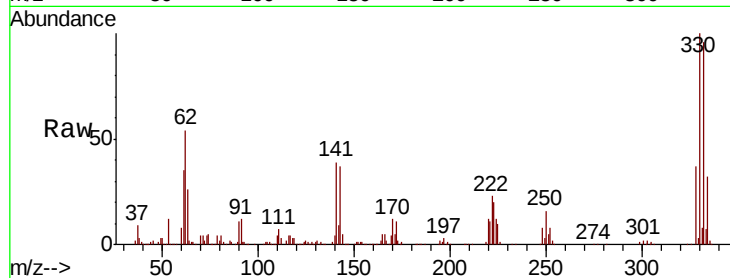




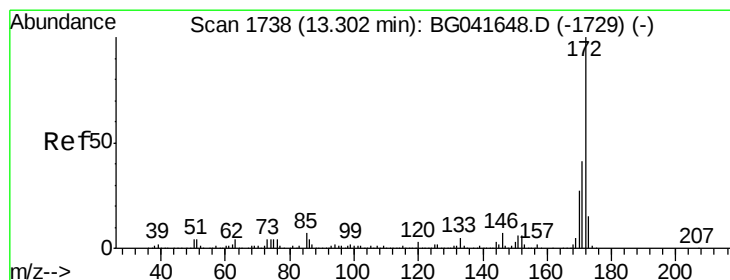
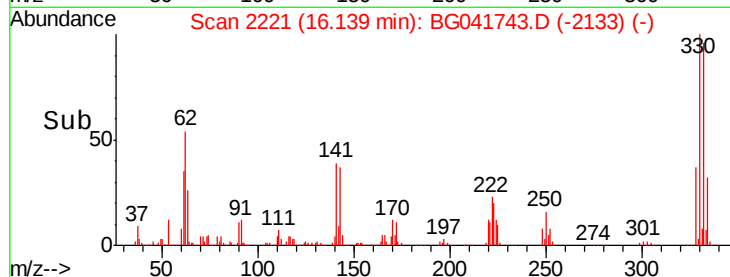
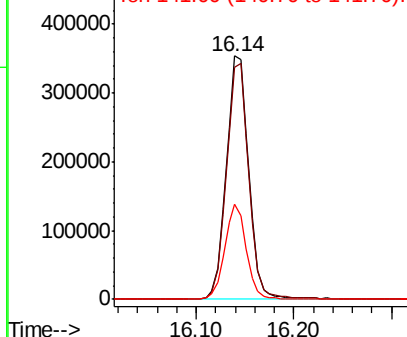
#42
 2,4,6-Tribromophenol
 Concen: 143.170 ng
 RT: 16.14 min Scan# 2221
 Delta R.T. -0.01 min
 Lab File: BG041743.D
 Acq: 22 Jul 2019 10:52

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 562614
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.4 116.0
 141 37.4 31.9 47.9

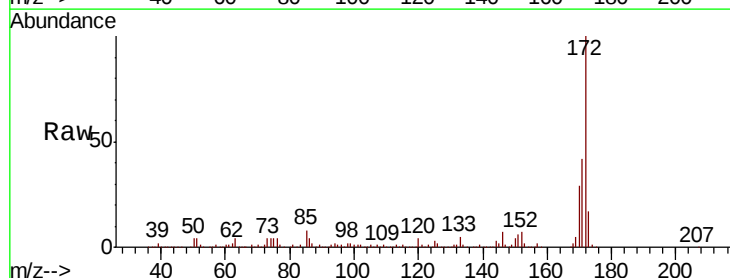


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

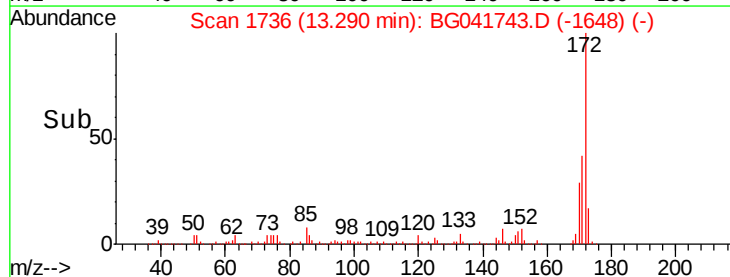
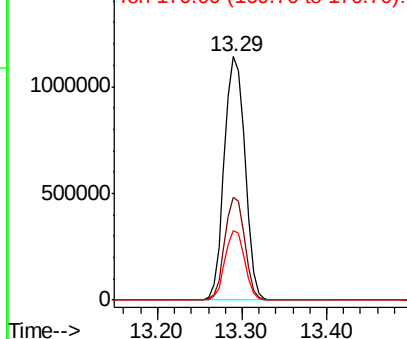


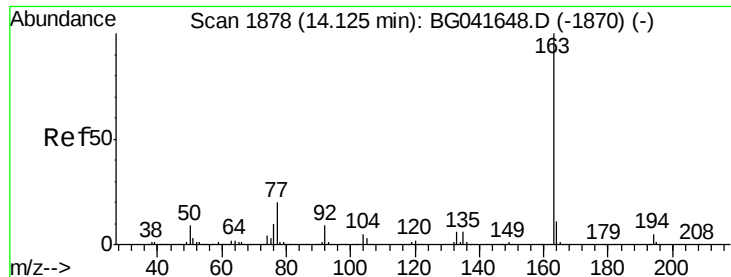
#45
 2-Fluorobiphenyl
 Concen: 85.931 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.01 min
 Lab File: BG041743.D
 Acq: 22 Jul 2019 10:52

Tgt Ion:172 Resp: 1935001
 Ion Ratio Lower Upper
 172 100
 171 42.2 35.0 52.4
 170 28.7 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: 2.696 ng

RT: 14.11 min Scan# 1875

Delta R.T. -0.02 min

Lab File: BG041743.D

Acq: 22 Jul 2019 10:52

Instrument :

BNA_G

ClientSampleId :

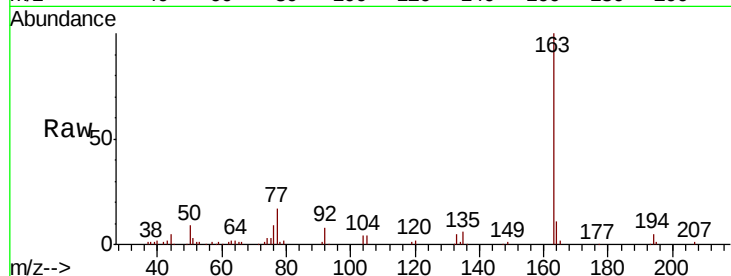
Tot Ion:163 Resp: 73835

Ion Ratio Lower Upper

163 100

194 5.2 4.2 6.2

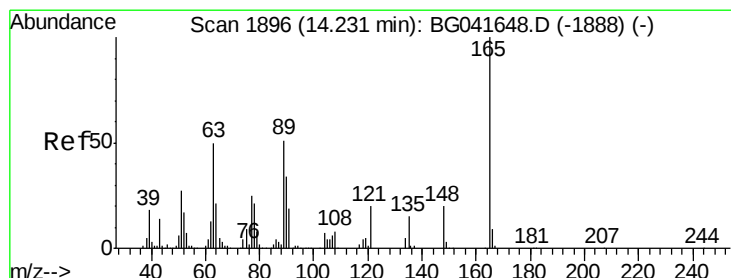
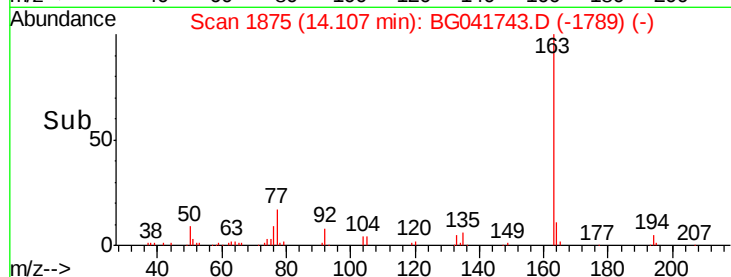
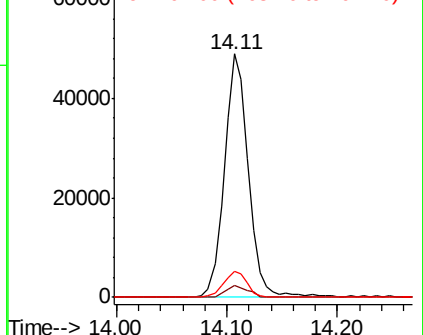
164 10.6 9.4 14.2



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



#51

2,6-Dinitrotoluene

Concen: 7.768 ng

RT: 14.66 min Scan# 1969

Delta R.T. 0.42 min

Lab File: BG041743.D

Acq: 22 Jul 2019 10:52

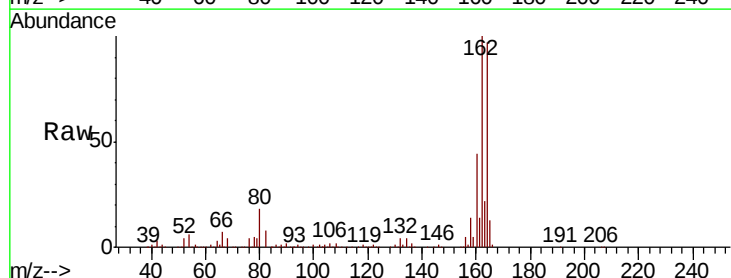
Tgt Ion:165 Resp: 45124

Ion Ratio Lower Upper

165 100

63 2.0 42.4 63.6#

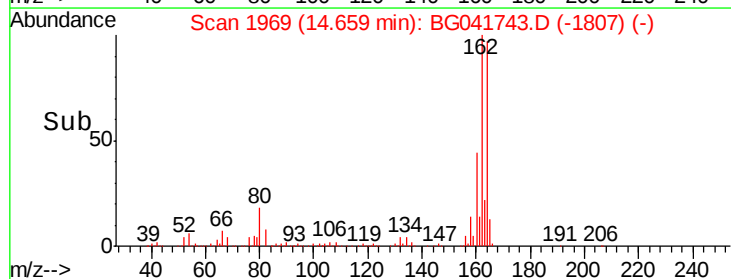
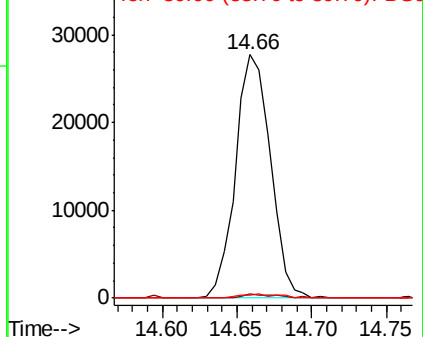
89 1.2 42.1 63.1#

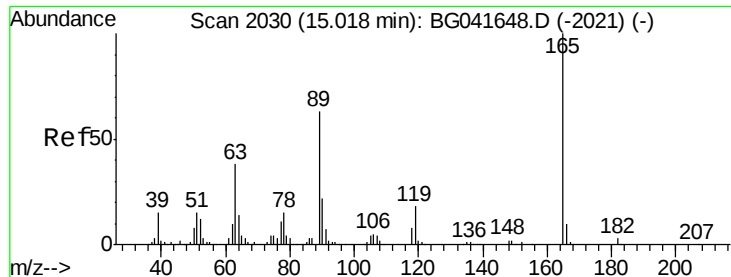


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

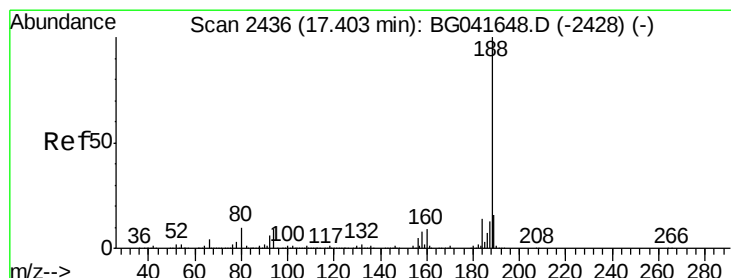
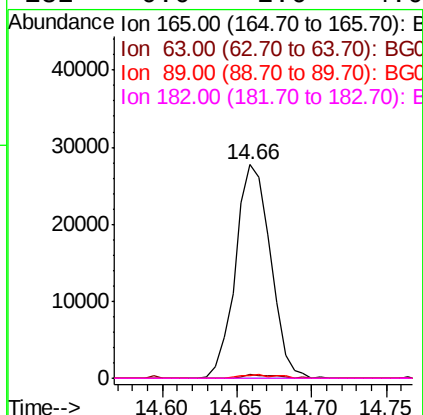
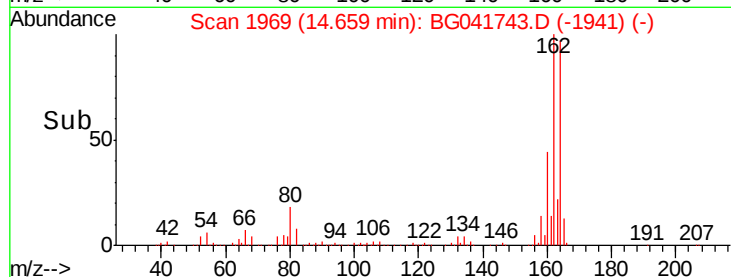
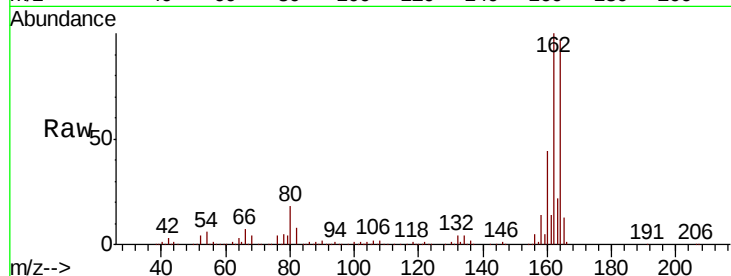




#57
 2,4-Dinitrotoluene
 Concen: 5.877 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.36 min
 Lab File: BG041743.D
 Acq: 22 Jul 2019 10:52

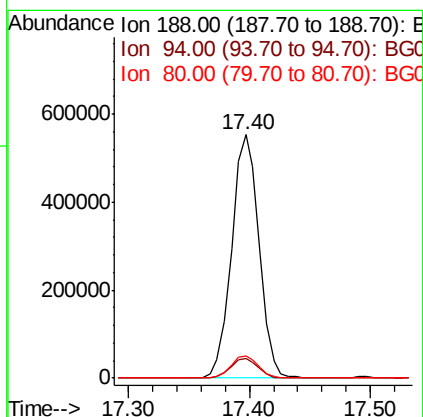
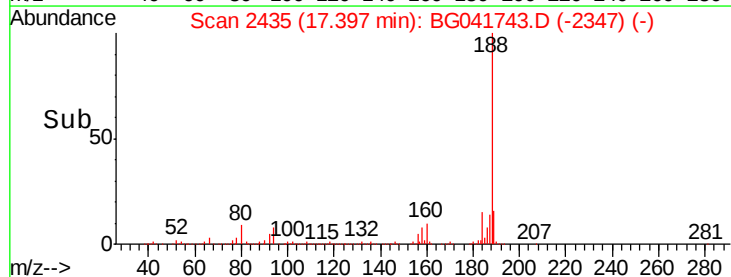
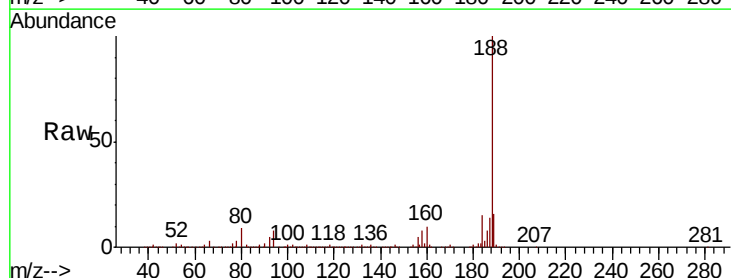
Instrument :
 BNA_G
 ClientSampleId :

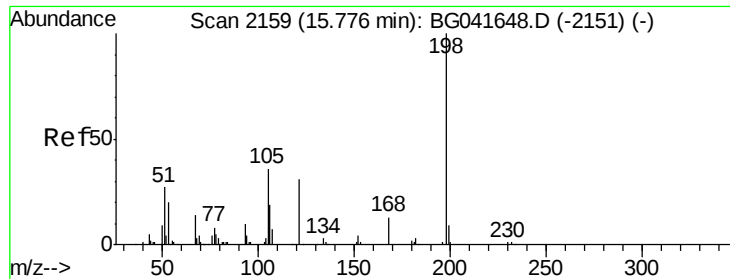
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.0	31.7	47.5#
89	1.2	50.2	75.4#
182	0.0	2.6	4.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.40 min Scan# 2435
 Delta R.T. -0.01 min
 Lab File: BG041743.D
 Acq: 22 Jul 2019 10:52

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.9	10.3
80	9.2	8.0	12.0

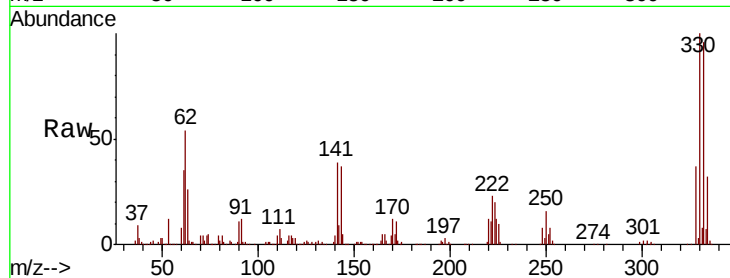




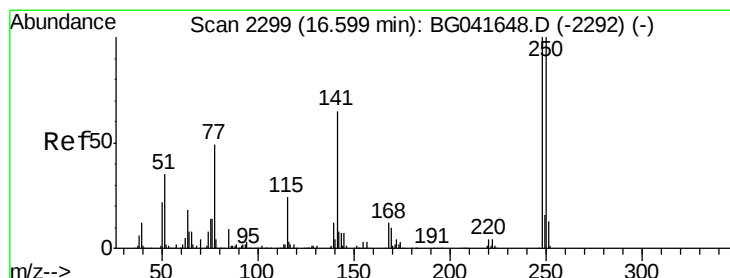
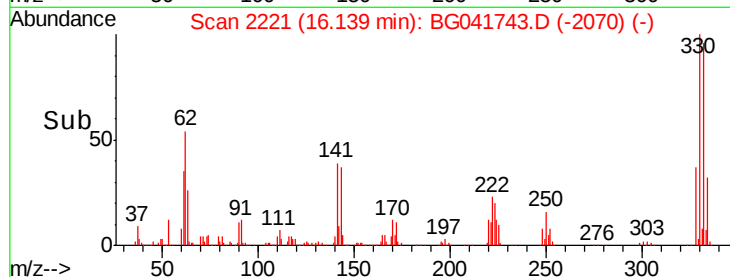
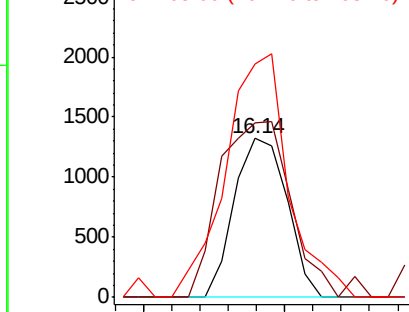
#65
4,6-Dinitro-2-methylphenol
Concen: 7.031 ng
RT: 16.14 min Scan# 2221
Delta R.T. 0.36 min
Lab File: BG041743.D
Acq: 22 Jul 2019 10:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion:198 Resp: 1712
Ion Ratio Lower Upper
198 100
51 109.9 22.3 62.3#
105 147.2 18.0 58.0#

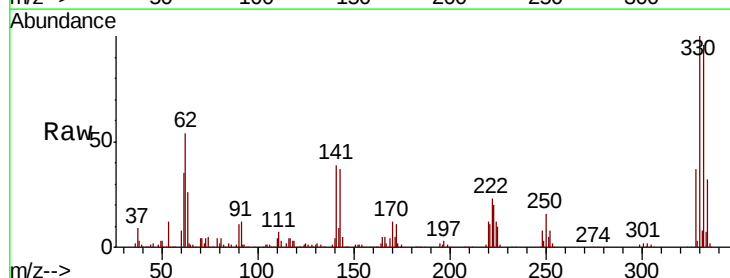


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

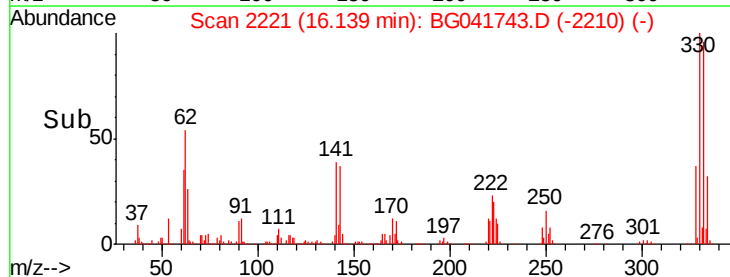
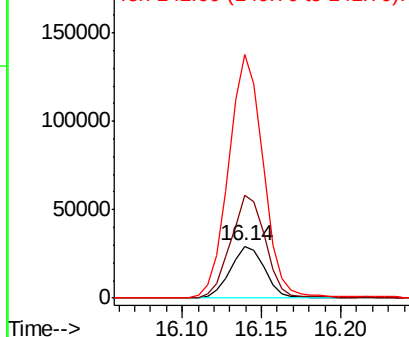


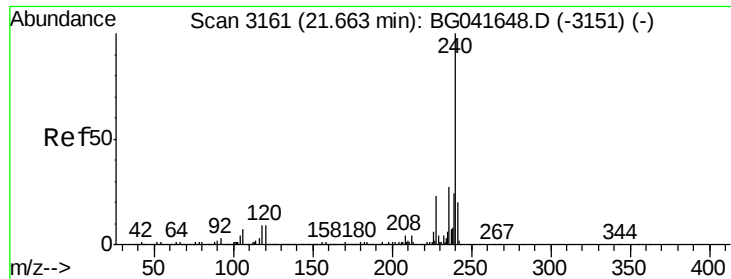
#67
4-Bromophenyl-phenylether
Concen: 4.303 ng
RT: 16.14 min Scan# 2221
Delta R.T. -0.46 min
Lab File: BG041743.D
Acq: 22 Jul 2019 10:52

Tgt Ion:248 Resp: 44517
Ion Ratio Lower Upper
248 100
250 198.2 78.1 117.1#
141 471.8 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: BG041743.D

Acq: 22 Jul 2019 10:52

Instrument :

BNA_G

ClientSampleId :

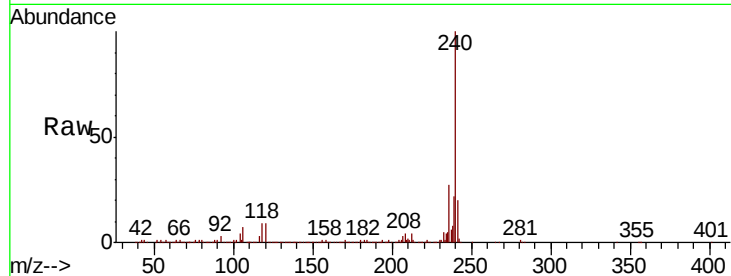
Tot Ion:240 Resp: 883652

Ion Ratio Lower Upper

240 100

120 9.5 8.0 12.0

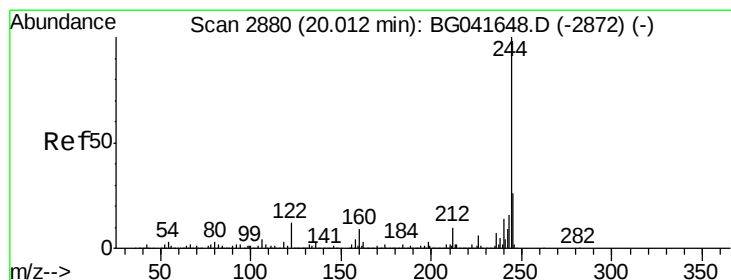
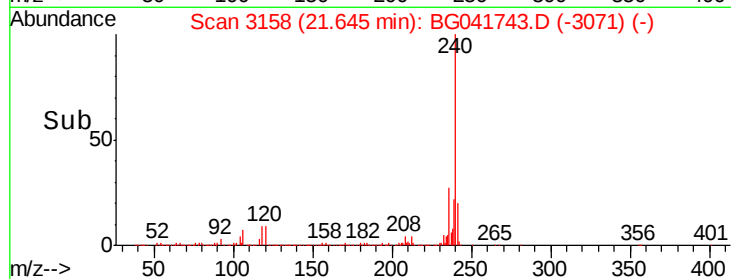
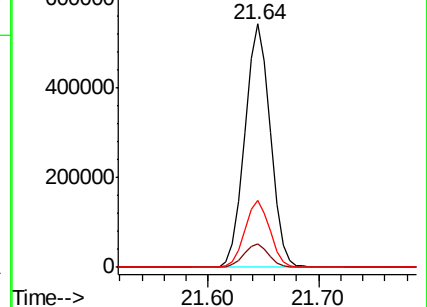
236 27.3 22.6 33.8



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: 76.751 ng

RT: 20.00 min Scan# 2878

Delta R.T. -0.01 min

Lab File: BG041743.D

Acq: 22 Jul 2019 10:52

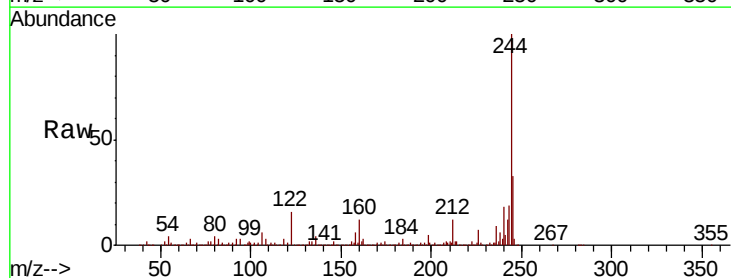
Tgt Ion:244 Resp: 2902197

Ion Ratio Lower Upper

244 100

212 12.5 9.7 14.5

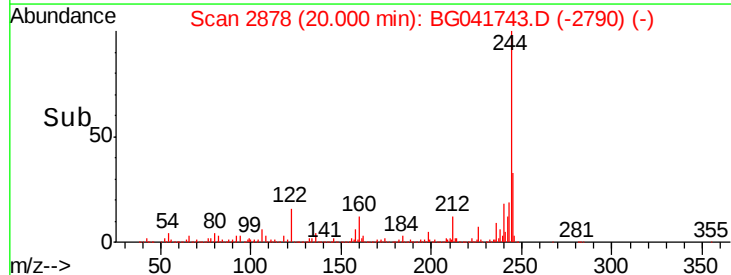
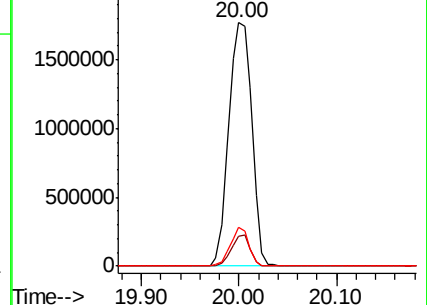
122 15.7 12.5 18.7

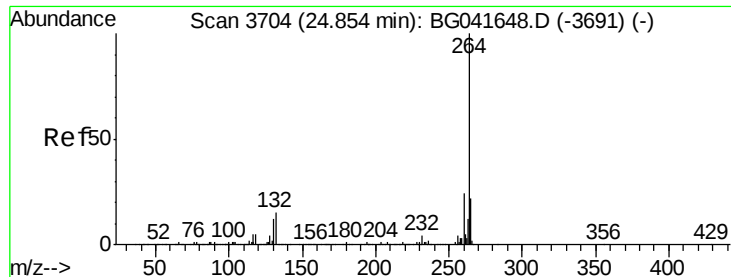


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3701
Delta R.T. -0.03 min
Lab File: BG041743.D
Acq: 22 Jul 2019 10:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	22.1	18.0	27.0

