

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
 Data File : BG045061.D
 Acq On : 18 Apr 2020 11:07
 Operator : CG/JU
 Sample : L2304-10
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-F1

Quant Time: Apr 20 00:15:24 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 17 11:08:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	61124	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	244173	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	190326	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	463463	20.00	ng	0.00
76) Chrysene-d12	21.67	240	445016	20.00	ng	0.00
87) Perylene-d12	24.86	264	475350	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	532539	143.84	ng	0.00
7) Phenol-d6	7.19	99	740909	134.69	ng	0.00
23) Nitrobenzene-d5	9.18	82	536794	100.31	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	451702	153.63	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1214613	93.58	ng	0.00
79) Terphenyl-d14	20.01	244	2066683	101.22	ng	0.00

Target Compounds

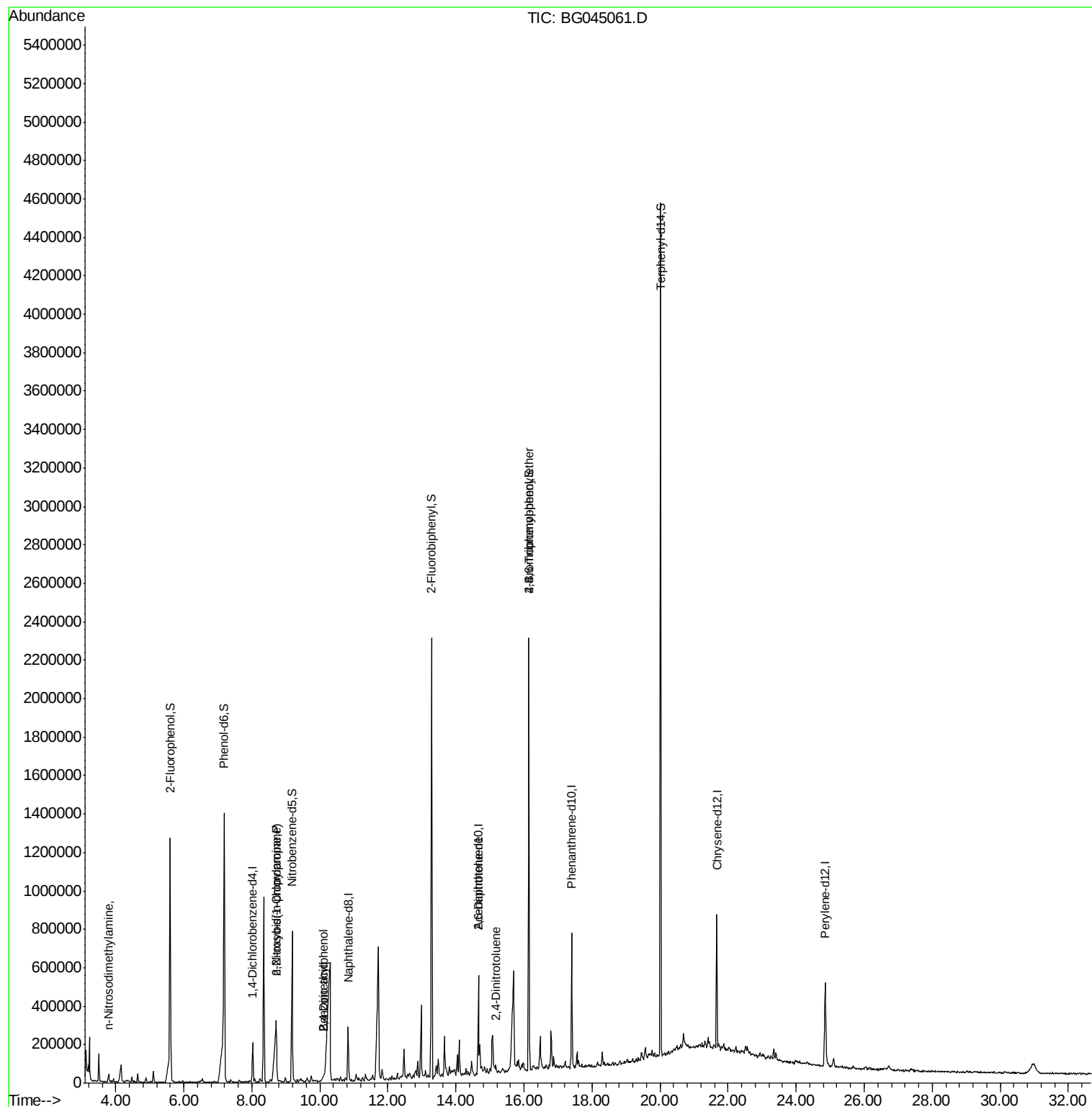
						Qvalue
4) n-Nitrosodimethylamine	3.78	42	3167	2.041	ng	# 1
9) Benzaldehyde	7.18	77	1855	Below	Cal	# 4
16) 2,2'-oxybis(1-Chloropropan	8.72	45	48961	11.381	ng	# 63
19) n-Nitroso-di-n-propylamine	8.71	70	43971	11.303	ng	# 25
27) 2,4-Dimethylphenol	10.11	122	11485	3.063	ng	# 4
32) Benzoic acid	10.11	122	11485	9.662	ng	# 93
51) 2,6-Dinitrotoluene	14.66	165	25331	7.308	ng	# 27
57) 2,4-Dinitrotoluene	15.17	165	13407	2.647	ng	# 27
67) 4-Bromophenyl-phenylether	16.14	248	31083	5.199	ng	# 1
69) Atrazine	16.83	200	132	Below	Cal	# 1
74) Di-n-butylphthalate	18.37	149	9300	Below	Cal	# 91
75) Fluoranthene	19.46	202	872	Below	Cal	# 1
77) Benzidine	19.39	184	1549	Below	Cal	# 1

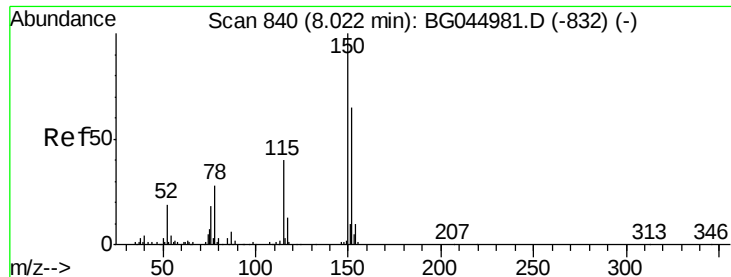
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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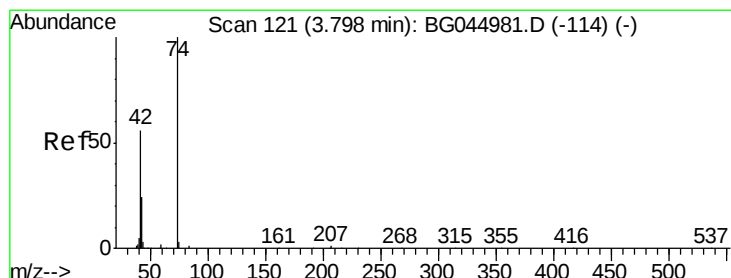
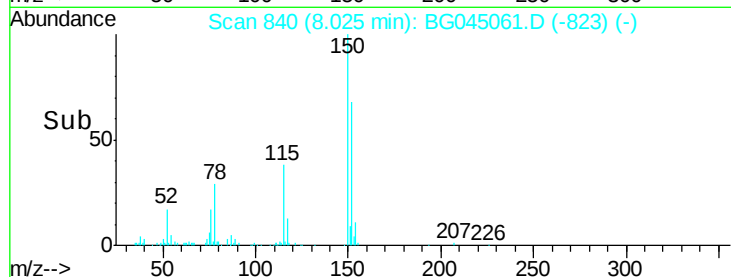
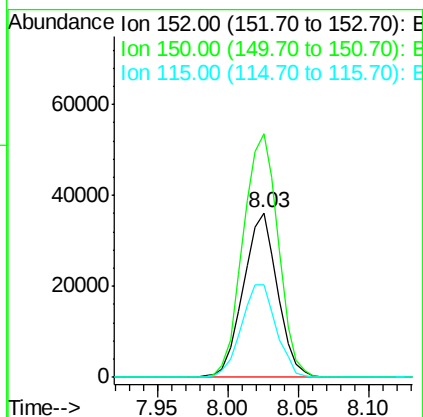
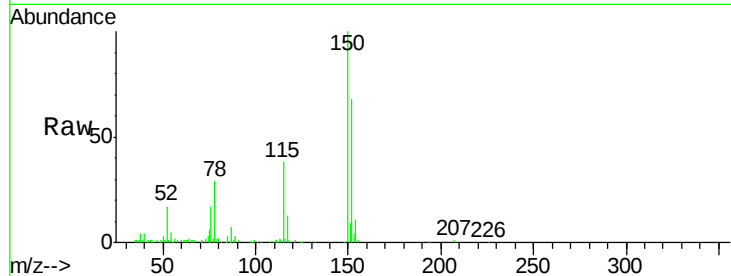


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 840
Delta R.T. 0.00 min
Lab File: BG045061.D
Acq: 18 Apr 2020 11:07

Instrument :
BNA_G
ClientSampleId :
WC-F1

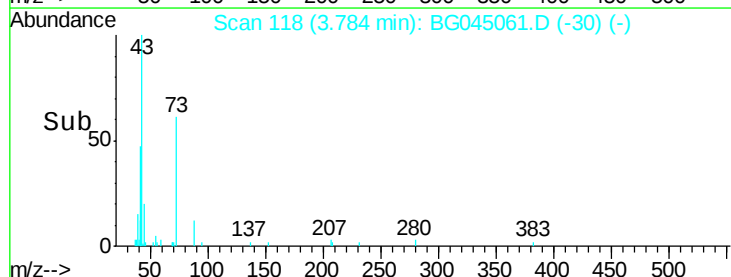
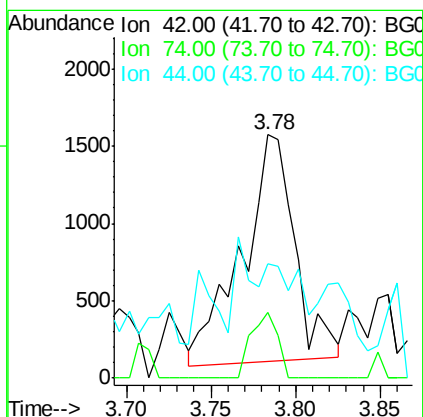
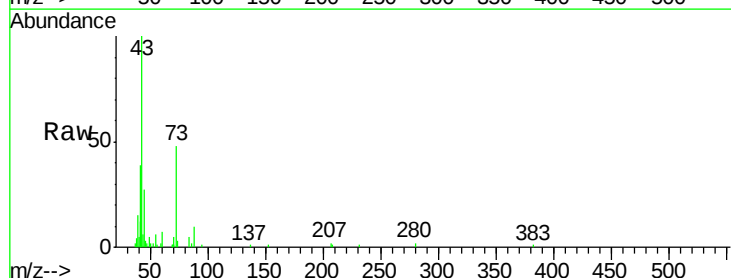
Tot Ion:152 Resp: 61124
Ion Ratio Lower Upper
152 100
150 148.0 123.6 185.4
115 55.9 49.1 73.7

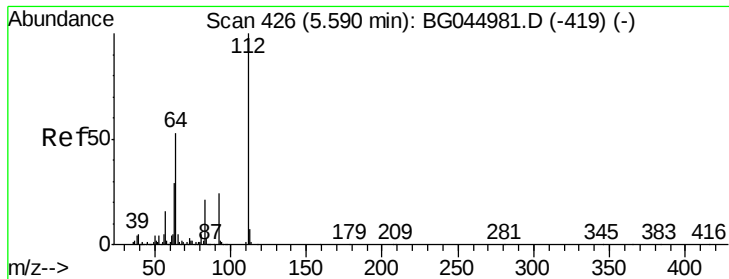


#4

n-Nitrosodimethylamine
Concen: 2.041 ng
RT: 3.78 min Scan# 118
Delta R.T. -0.01 min
Lab File: BG045061.D
Acq: 18 Apr 2020 11:07

Tgt Ion: 42 Resp: 3167
Ion Ratio Lower Upper
42 100
74 27.3 143.0 214.6#
44 47.1 4.6 6.8#





#5

2-Fluorophenol

Concen: 143.838 ng

RT: 5.59 min Scan# 426

Delta R.T. 0.00 min

Lab File: BG045061.D

Acq: 18 Apr 2020 11:07

Instrument :

BNA_G

ClientSampleId :

WC-F1

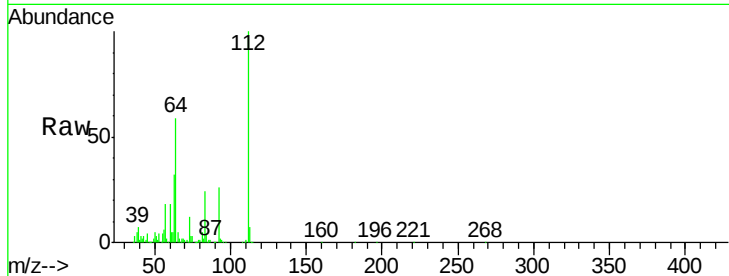
Tot Ion:112 Resp: 532539

Ion Ratio Lower Upper

112 100

64 59.1 42.4 63.6

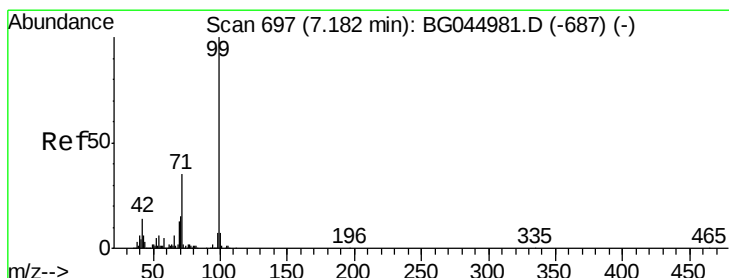
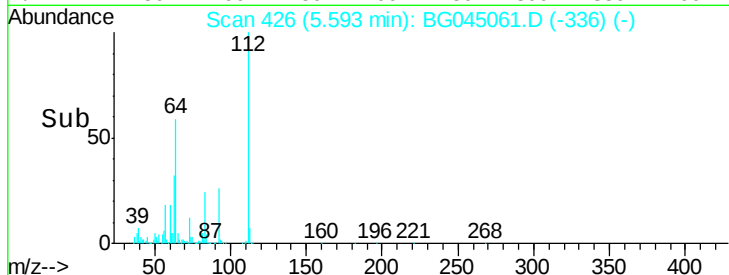
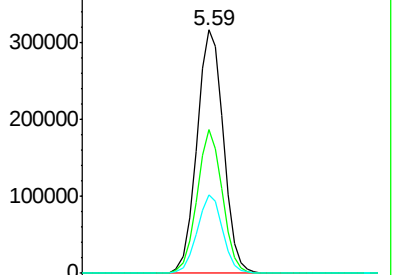
63 32.1 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 134.692 ng

RT: 7.19 min Scan# 697

Delta R.T. 0.00 min

Lab File: BG045061.D

Acq: 18 Apr 2020 11:07

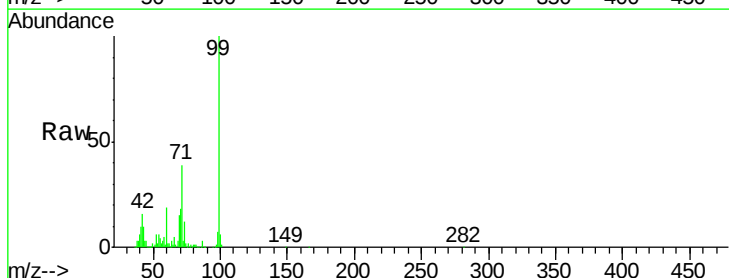
Tgt Ion: 99 Resp: 740909

Ion Ratio Lower Upper

99 100

42 16.3 11.3 16.9

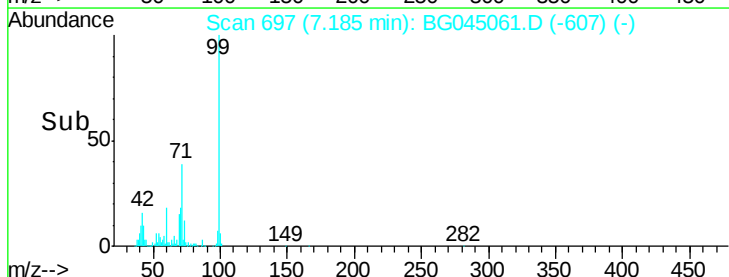
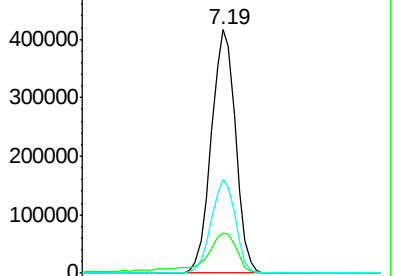
71 38.6 28.3 42.5

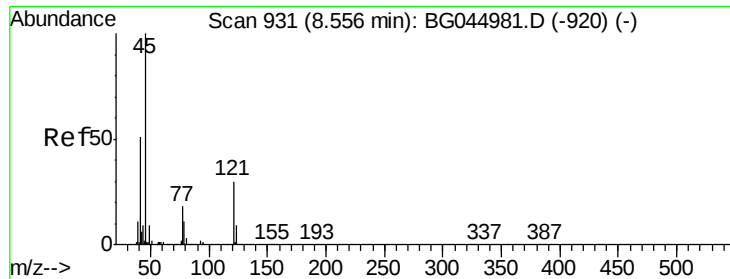


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC

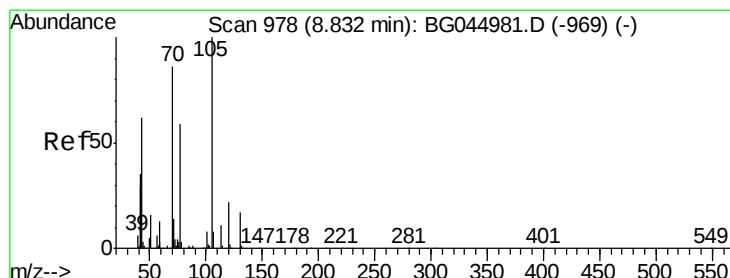
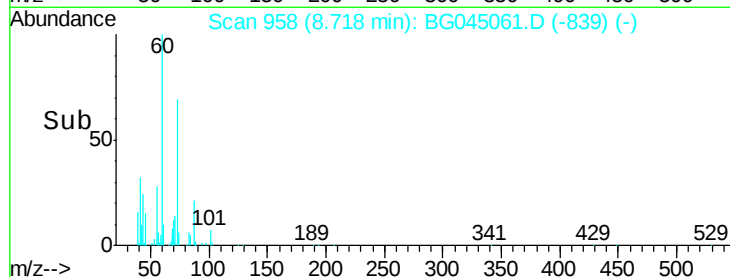
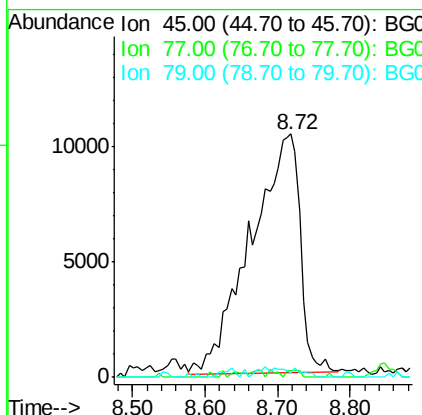
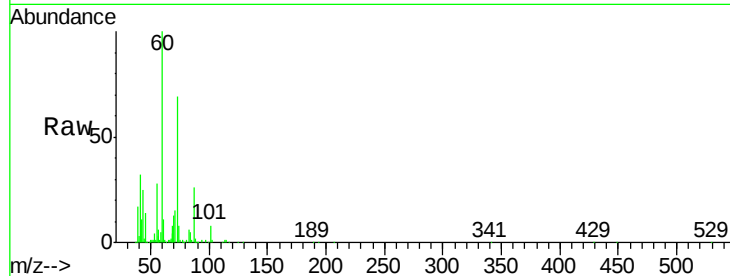




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 11.381 ng
RT: 8.72 min Scan# 958
Delta R.T. 0.17 min
Lab File: BG045061.D
Acq: 18 Apr 2020 11:07

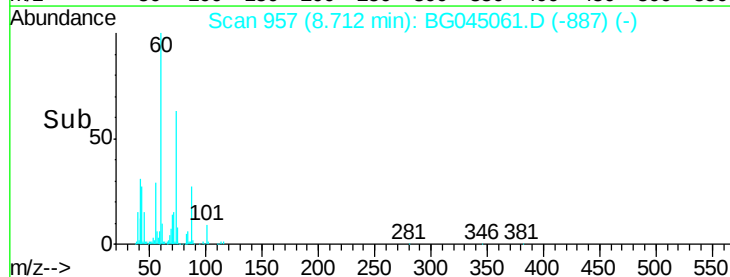
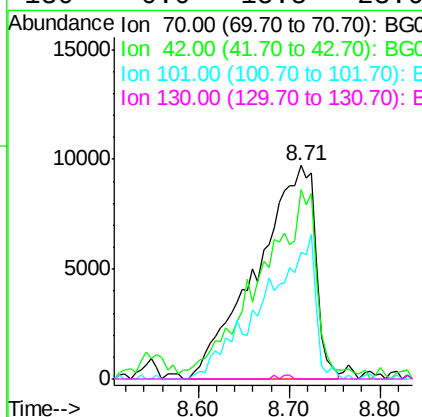
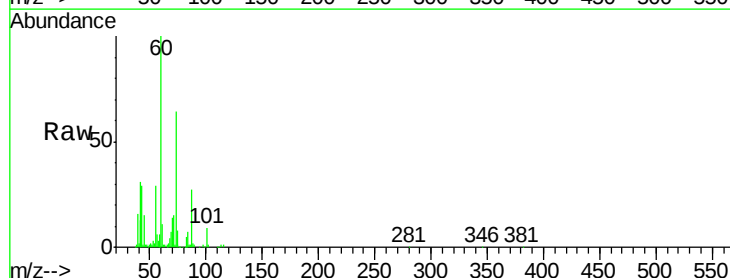
Instrument :
BNA_G
ClientSampleId :
WC-F1

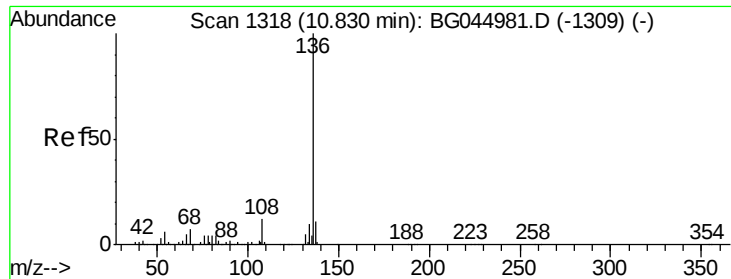
Tot Ion	Ratio	Lower	Upper
45	100		
77	2.9	1.9	41.9
79	1.7	0.0	35.5



#19
n-Nitroso-di-n-propylamine
Concen: 11.303 ng
RT: 8.71 min Scan# 957
Delta R.T. -0.12 min
Lab File: BG045061.D
Acq: 18 Apr 2020 11:07

Tgt Ion	Ratio	Lower	Upper
70	100		
42	89.0	33.3	49.9#
101	59.4	7.8	11.8#
130	0.0	15.8	23.6#

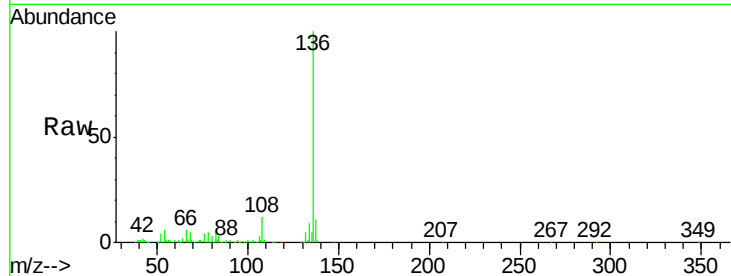




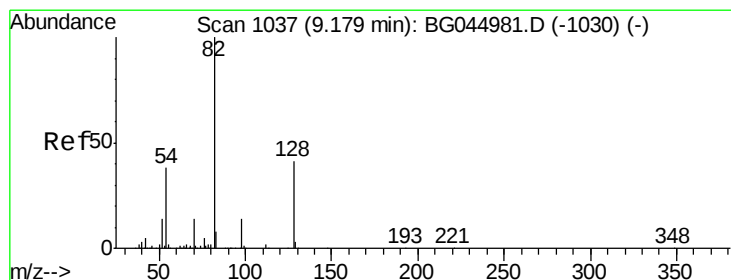
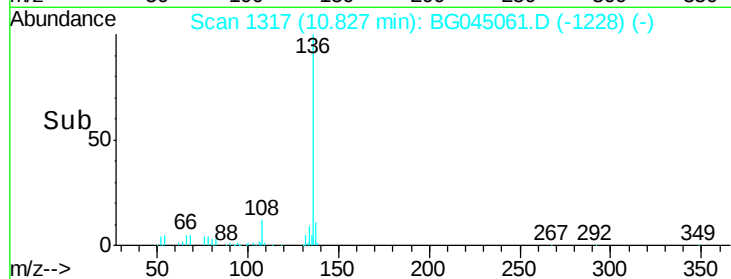
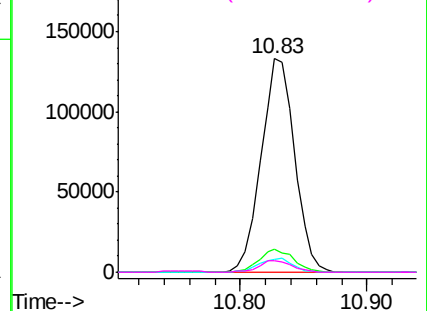
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BG045061.D
Acq: 18 Apr 2020 11:07

Instrument :
BNA_G
ClientSampleId :
WC-F1

Tot Ion:136	Resp:	244173
Ion Ratio	Lower	Upper
136 100		
137 11.0	8.6	13.0
54 6.1	4.8	7.2
68 5.3	5.2	7.8

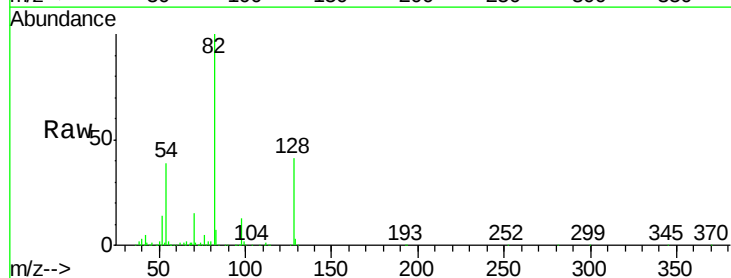


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

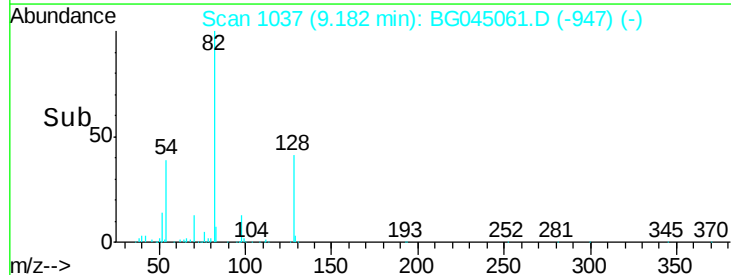
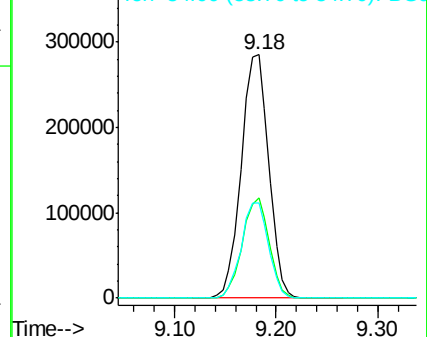


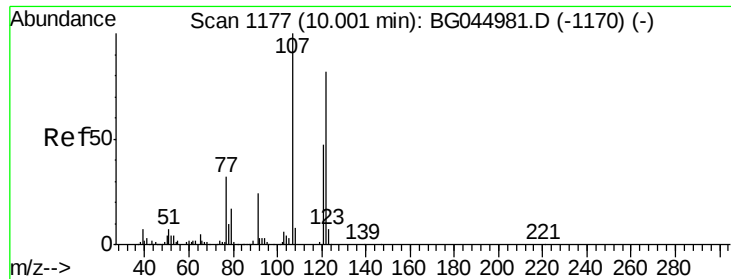
#23
Nitrobenzene-d5
Concen: 100.311 ng
RT: 9.18 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BG045061.D
Acq: 18 Apr 2020 11:07

Tgt Ion: 82	Resp: 536794
Ion Ratio	Lower Upper
82 100	
128 41.3	33.0 49.4
54 39.0	30.4 45.6



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

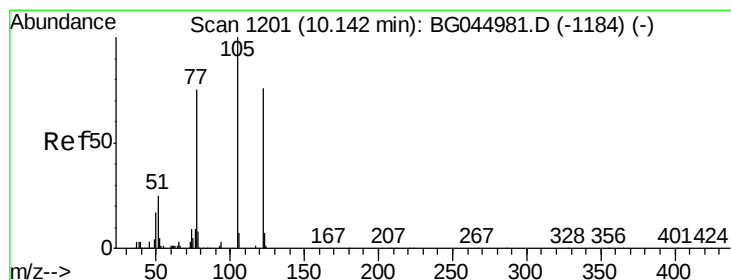
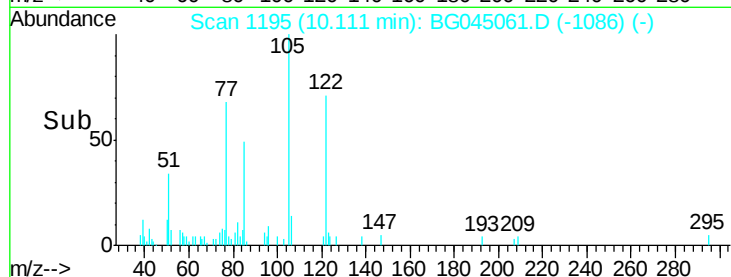
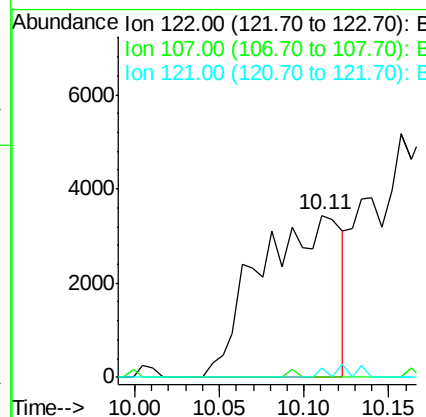
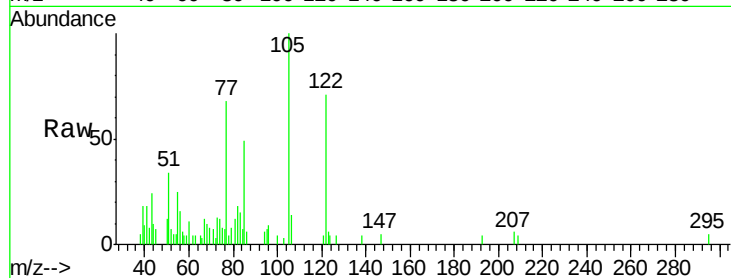




#27
2,4-Dimethylphenol
Concen: 3.063 ng
RT: 10.11 min Scan# 1195
Delta R.T. 0.11 min
Lab File: BG045061.D
Acq: 18 Apr 2020 11:07

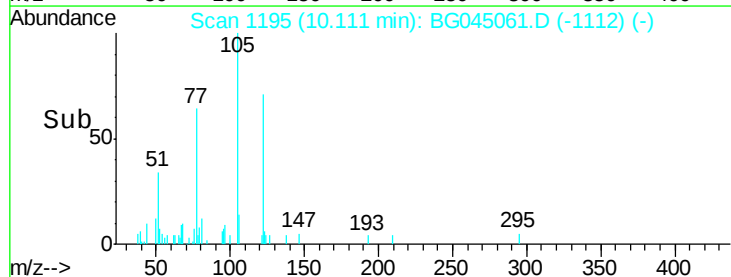
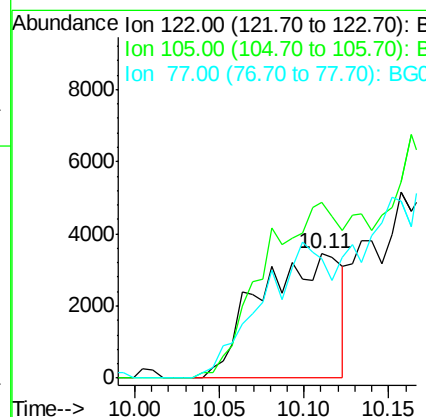
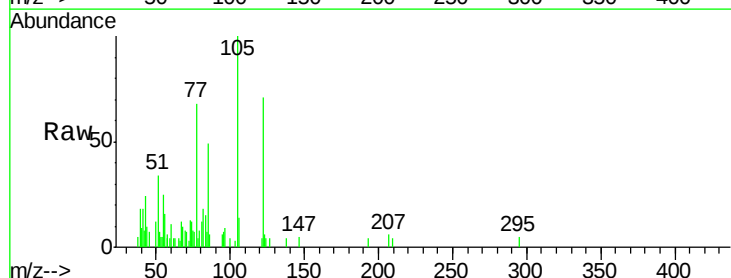
Instrument :
BNA_G
ClientSampleId :
WC-F1

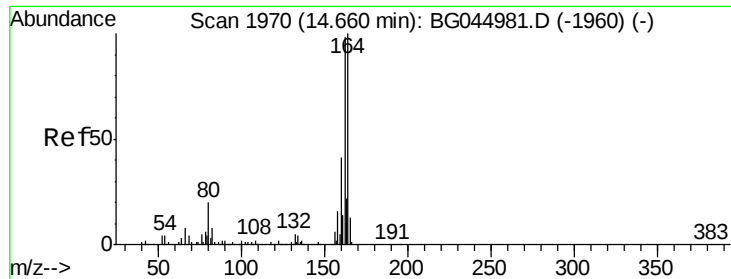
Tot Ion:122 Resp: 11485
Ion Ratio Lower Upper
122 100
107 0.0 96.8 145.2#
121 5.8 45.6 68.4#



#32
Benzoic acid
Concen: 9.662 ng
RT: 10.11 min Scan# 1195
Delta R.T. -0.04 min
Lab File: BG045061.D
Acq: 18 Apr 2020 11:07

Tgt Ion:122 Resp: 11485
Ion Ratio Lower Upper
122 100
105 141.1 108.4 148.4
77 96.5 78.8 118.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1969

Delta R.T. 0.00 min

Lab File: BG045061.D

Acq: 18 Apr 2020 11:07

Instrument :

BNA_G

ClientSampleId :

WC-F1

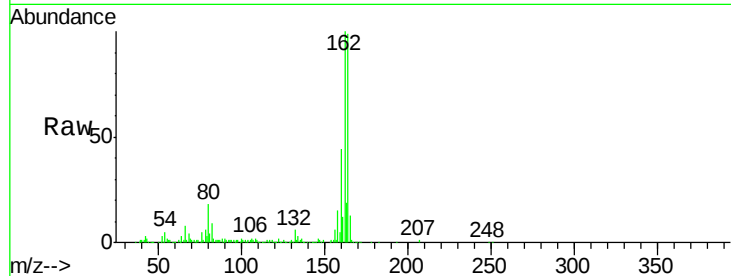
Tot Ion:164 Resp: 190326

Ion Ratio Lower Upper

164 100

162 100.8 78.7 118.1

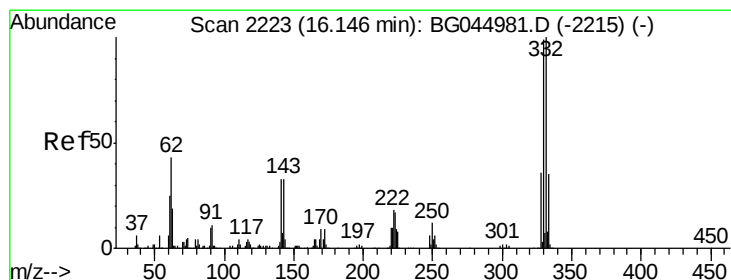
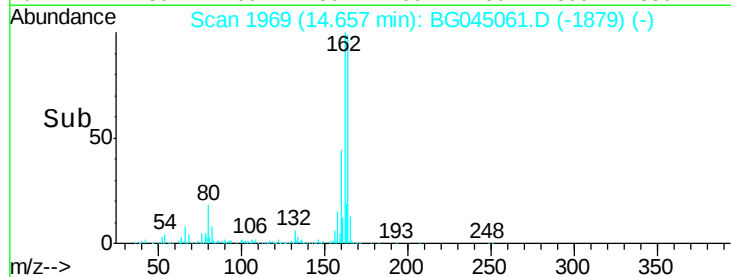
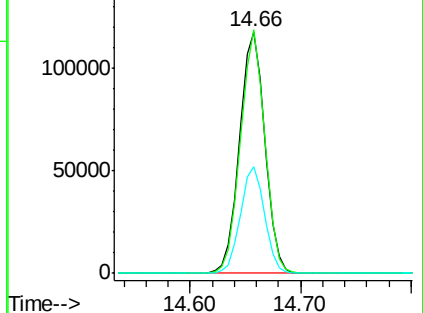
160 44.4 32.8 49.2



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: 153.625 ng

RT: 16.14 min Scan# 2222

Delta R.T. 0.00 min

Lab File: BG045061.D

Acq: 18 Apr 2020 11:07

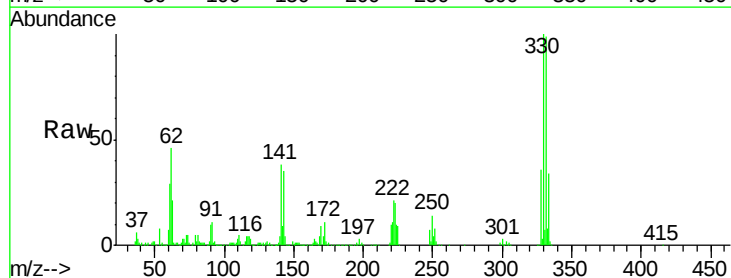
Tgt Ion:330 Resp: 451702

Ion Ratio Lower Upper

330 100

332 97.4 79.1 118.7

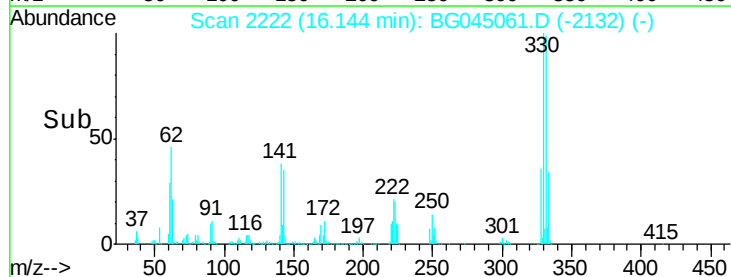
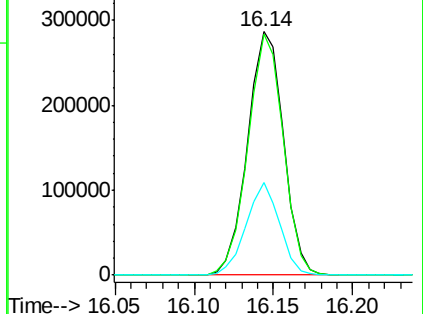
141 35.3 27.1 40.7

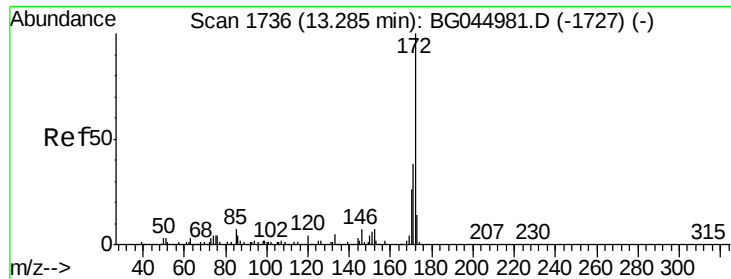


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

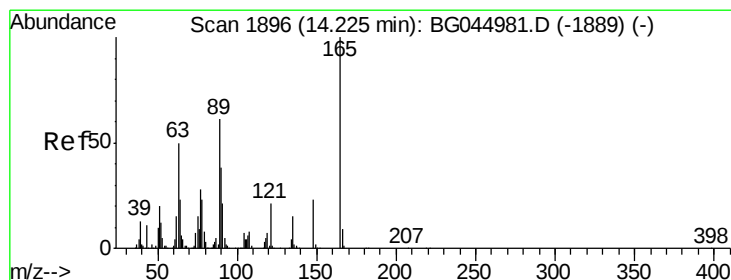
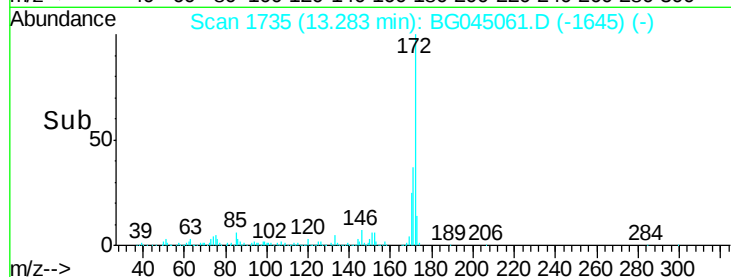
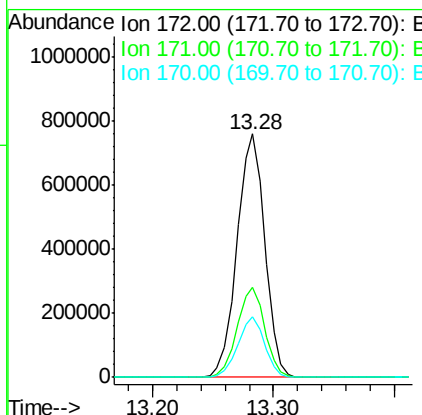
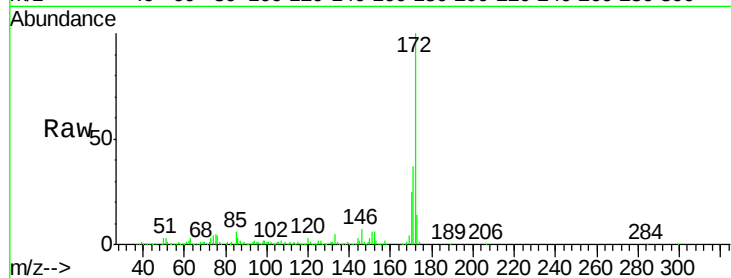




#45
2-Fluorobiphenyl
Concen: 93.577 ng
RT: 13.28 min Scan# 1735
Delta R.T. 0.00 min
Lab File: BG045061.D
Acq: 18 Apr 2020 11:07

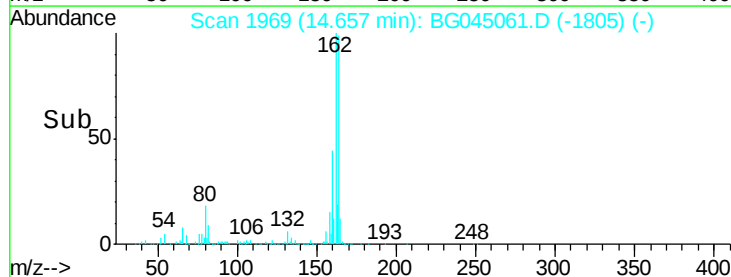
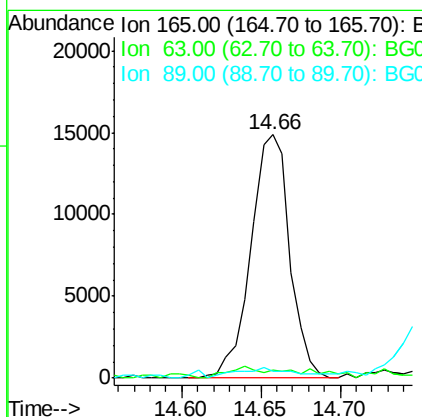
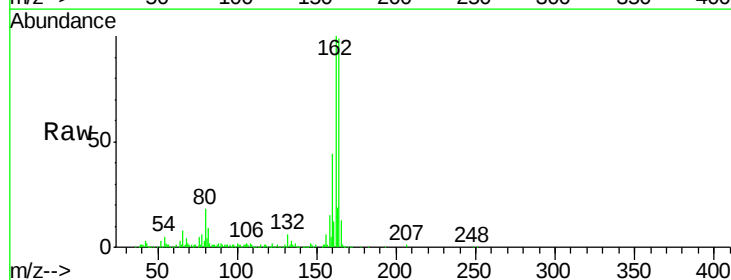
Instrument :
BNA_G
ClientSampled :
WC-F1

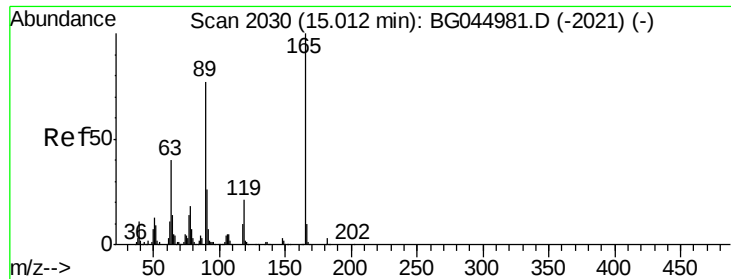
Tot Ion:172 Resp: 1214613
Ion Ratio Lower Upper
172 100
171 36.9 30.6 46.0
170 24.9 20.5 30.7



#51
2,6-Dinitrotoluene
Concen: 7.308 ng
RT: 14.66 min Scan# 1969
Delta R.T. 0.44 min
Lab File: BG045061.D
Acq: 18 Apr 2020 11:07

Tgt Ion:165 Resp: 25331
Ion Ratio Lower Upper
165 100
63 3.2 40.4 60.6#
89 2.9 49.1 73.7#

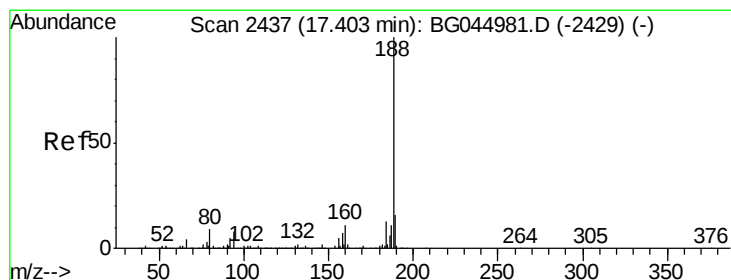
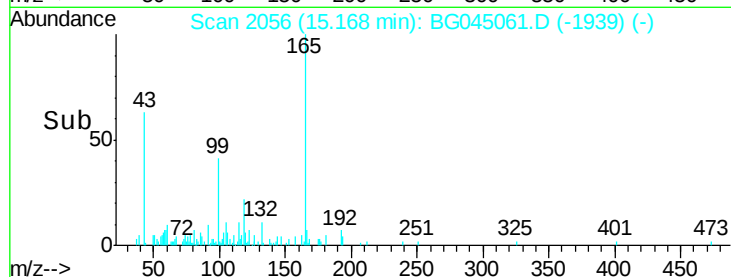
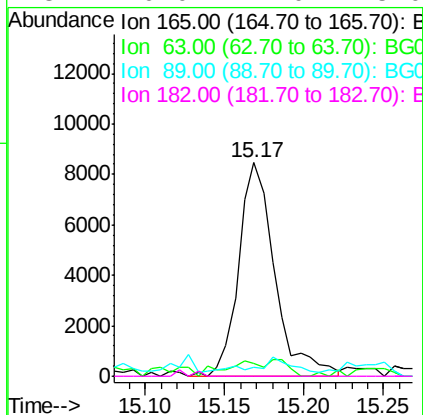
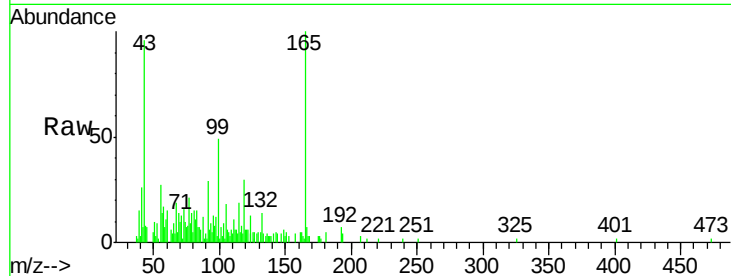




#57
 2,4-Dinitrotoluene
 Concen: 2.647 ng
 RT: 15.17 min Scan# 2056
 Delta R.T. 0.16 min
 Lab File: BG045061.D
 Acq: 18 Apr 2020 11:07

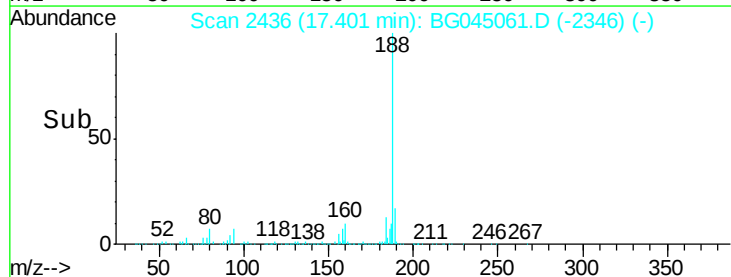
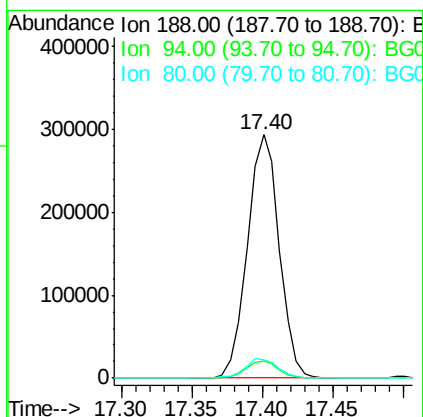
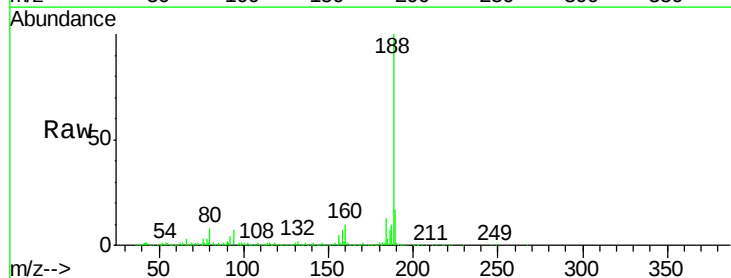
Instrument :
 BNA_G
 ClientSampleId :
 WC-F1

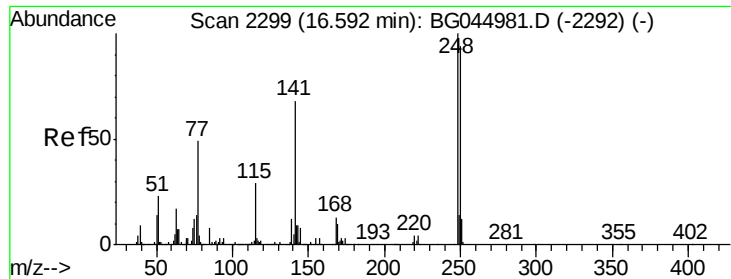
Tot Ion:165 Resp: 13407
 Ion Ratio Lower Upper
 165 100
 63 5.8 32.2 48.2#
 89 4.4 61.7 92.5#
 182 0.0 2.0 3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.40 min Scan# 2436
 Delta R.T. 0.00 min
 Lab File: BG045061.D
 Acq: 18 Apr 2020 11:07

Tgt Ion:188 Resp: 463463
 Ion Ratio Lower Upper
 188 100
 94 7.1 6.2 9.4
 80 7.5 7.0 10.6

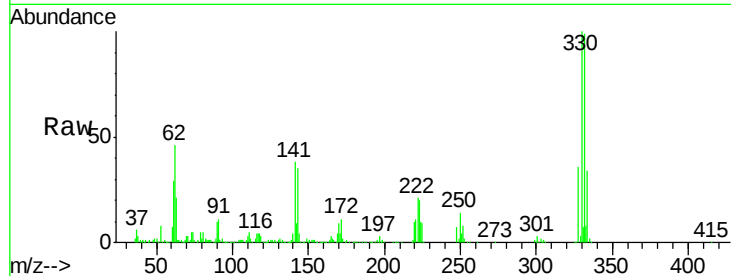




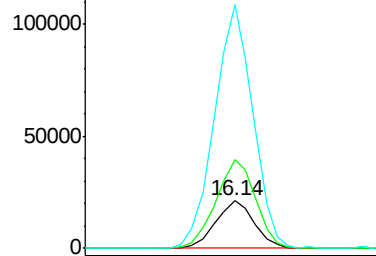
#67
4-Bromophenyl-phenylether
Concen: 5.199 ng
RT: 16.14 min Scan# 2222
Delta R.T. -0.45 min
Lab File: BG045061.D
Acq: 18 Apr 2020 11:07

Instrument :
BNA_G
ClientSampled :
WC-F1

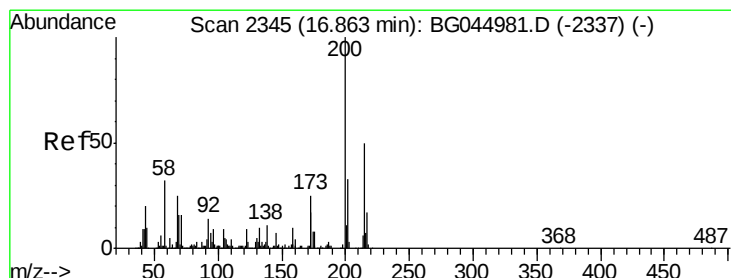
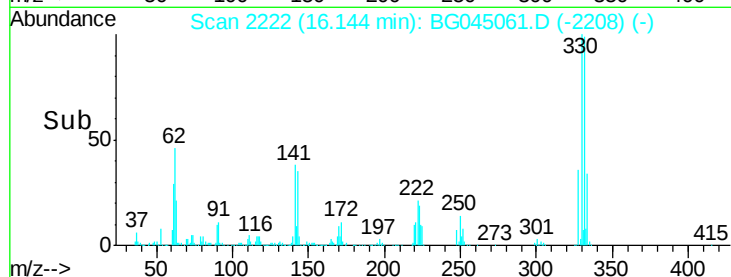
Tot Ion:248 Resp: 31083
Ion Ratio Lower Upper
248 100
250 186.0 75.4 113.2#
141 510.3 54.4 81.6#



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

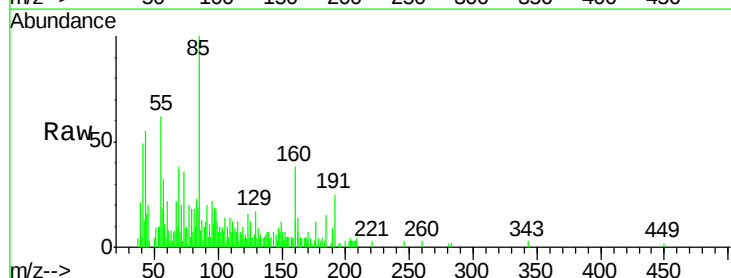


Time-->

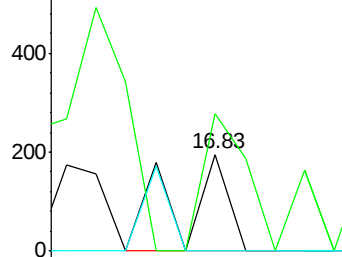


#69
Atrazine
Concen: Below Cal
RT: 16.83 min Scan# 2338
Delta R.T. -0.03 min
Lab File: BG045061.D
Acq: 18 Apr 2020 11:07

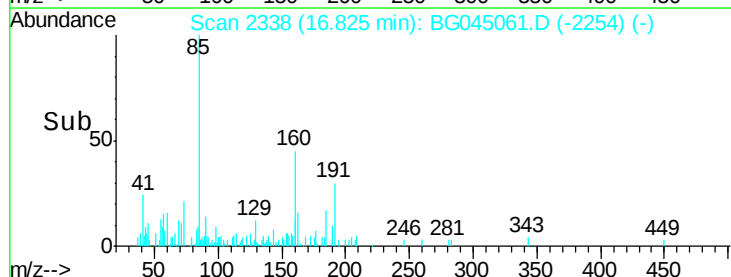
Tgt Ion:200 Resp: 132
Ion Ratio Lower Upper
200 100
173 141.8 4.5 44.5#
215 0.0 30.0 70.0#

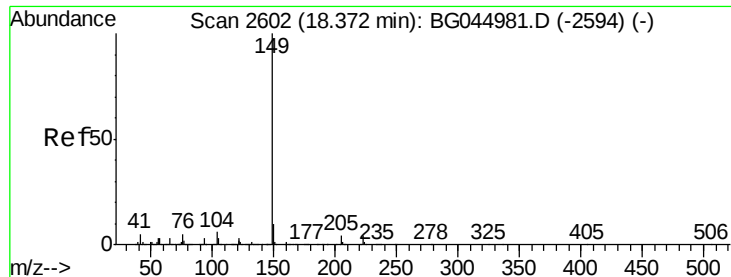


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E



Time-->

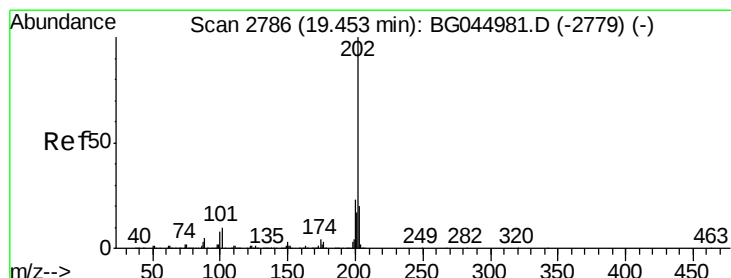
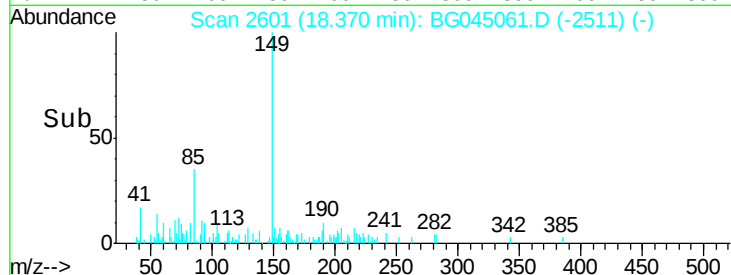
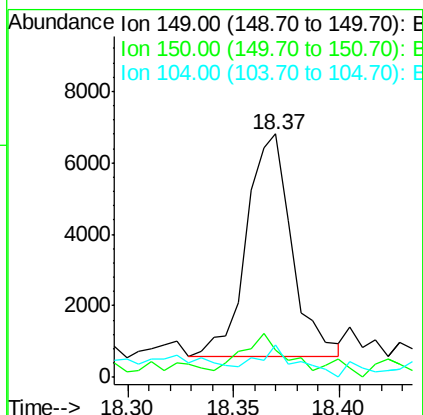
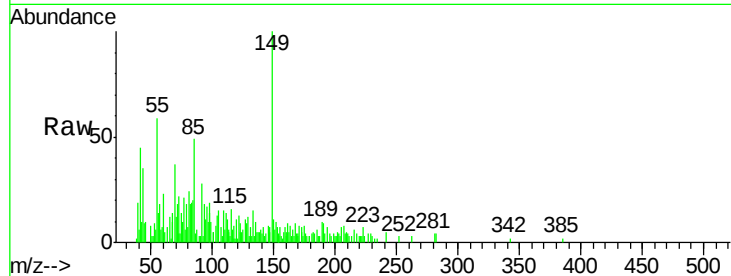




#74
Di-n-butylphthalate
Concen: Below Cal
RT: 18.37 min Scan# 2601
Delta R.T. 0.00 min
Lab File: BG045061.D
Acq: 18 Apr 2020 11:07

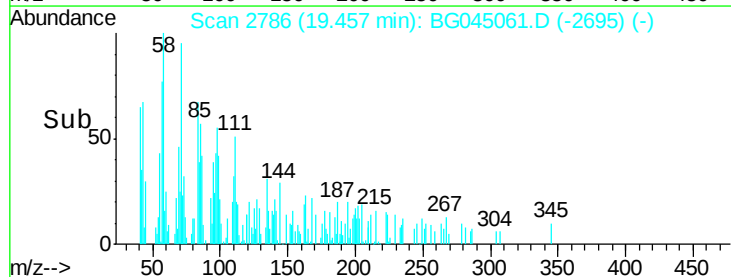
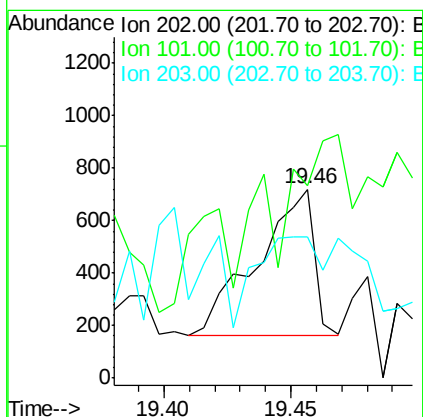
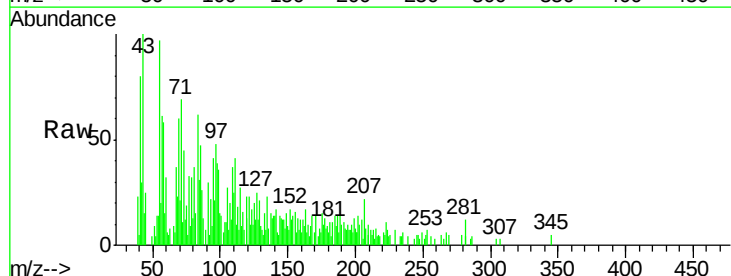
Instrument :
BNA_G
ClientSampleId :
WC-F1

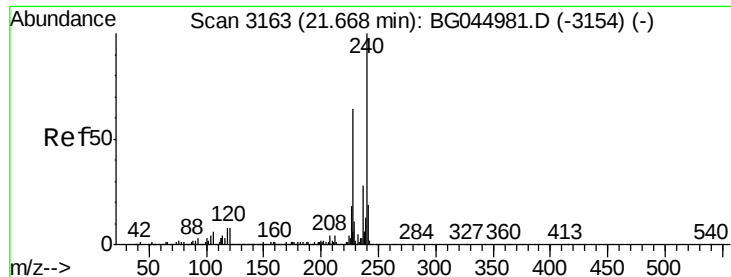
Tot Ion:149 Resp: 9300
Ion Ratio Lower Upper
149 100
150 11.1 8.2 12.2
104 13.1 4.8 7.2#



#75
Fluoranthene
Concen: Below Cal
RT: 19.46 min Scan# 2786
Delta R.T. 0.01 min
Lab File: BG045061.D
Acq: 18 Apr 2020 11:07

Tgt Ion:202 Resp: 872
Ion Ratio Lower Upper
202 100
101 102.1 0.0 29.6#
203 74.8 0.0 39.7#





#76

Chrvsene-d12

Concen: 20.000 ng

RT: 21.67 min Scan# 3162

Delta R.T. 0.00 min

Lab File: BG045061.D

Acq: 18 Apr 2020 11:07

Instrument :

BNA_G

ClientSampleId :

WC-F1

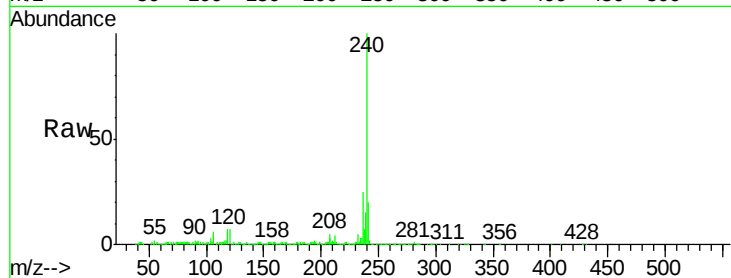
Tot Ion:240 Resp: 445016

Ion Ratio Lower Upper

240 100

120 6.6 6.6 10.0#

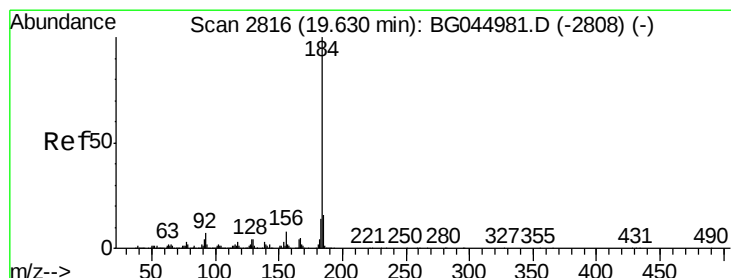
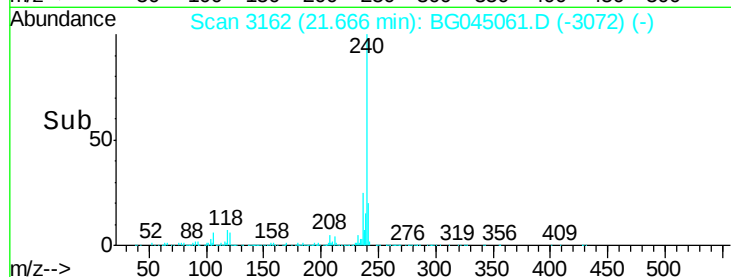
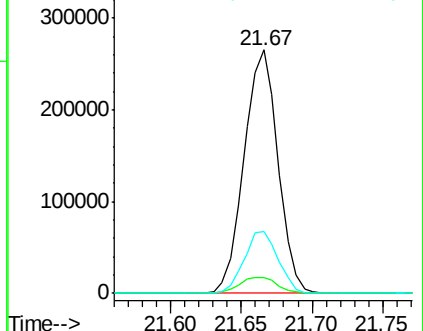
236 25.4 22.2 33.2



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



#77

Benzidine

Concen: Below Cal

RT: 19.39 min Scan# 2774

Delta R.T. -0.24 min

Lab File: BG045061.D

Acq: 18 Apr 2020 11:07

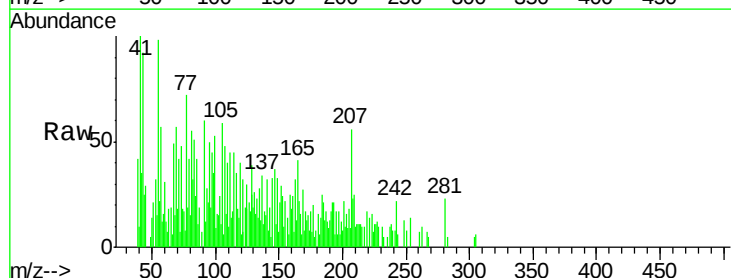
Tgt Ion:184 Resp: 1549

Ion Ratio Lower Upper

184 100

185 83.4 12.6 19.0#

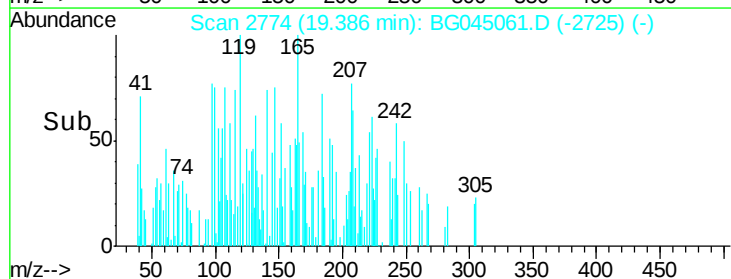
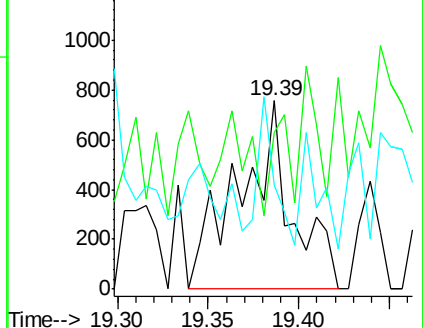
183 55.1 11.3 16.9#

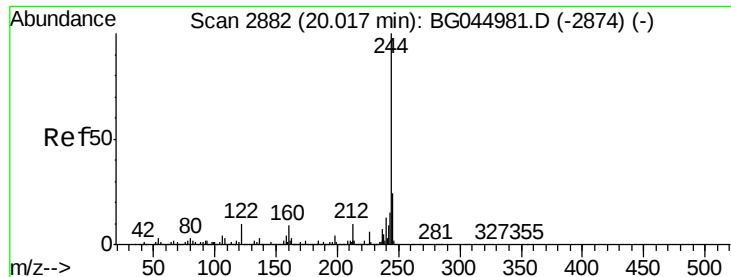


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#79

Terphenyl-d14

Concen: 101.221 ng

RT: 20.01 min Scan# 2881

Delta R.T. 0.00 min

Lab File: BG045061.D

Acq: 18 Apr 2020 11:07

Instrument :

BNA_G

ClientSampleId :

WC-F1

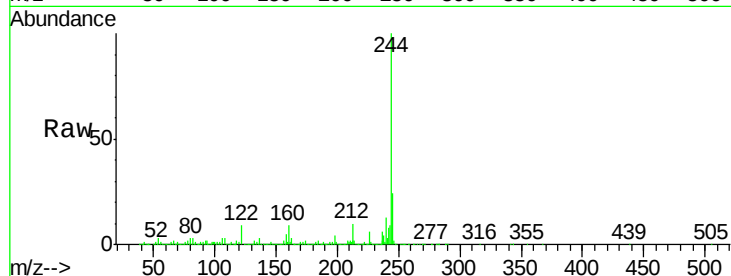
Tot Ion:244 Resp: 2066683

Ion Ratio Lower Upper

244 100

212 9.8 7.9 11.9

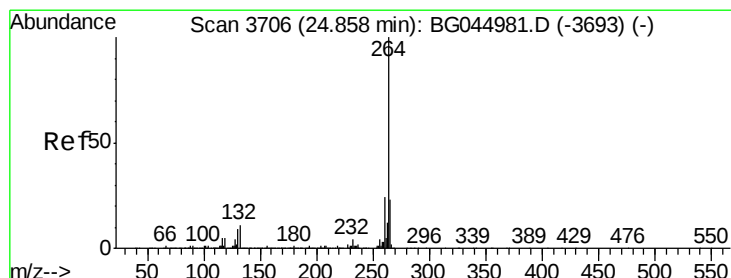
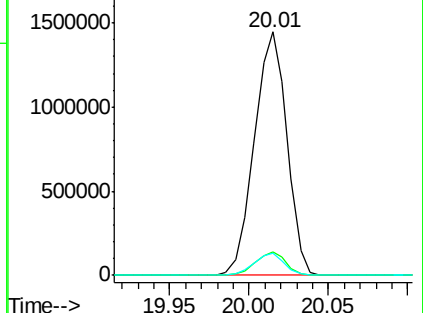
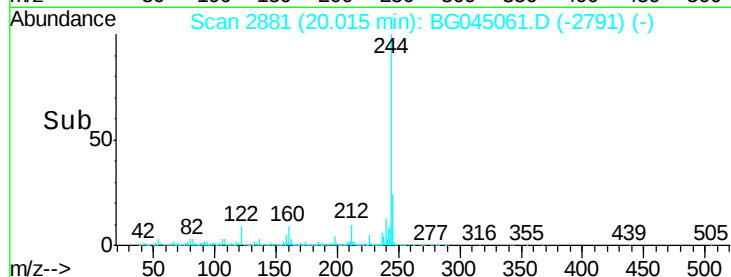
122 9.0 7.7 11.5



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: 24.86 min Scan# 3705

Delta R.T. 0.00 min

Lab File: BG045061.D

Acq: 18 Apr 2020 11:07

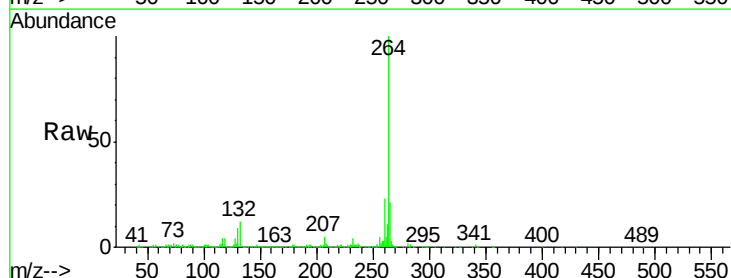
Tgt Ion:264 Resp: 475350

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 20.6 19.0 28.4



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

