

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
 Data File : BG045063.D
 Acq On : 18 Apr 2020 12:25
 Operator : CG/JU
 Sample : L2249-05
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-5

Quant Time: Apr 20 00:15:55 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	8.02	152	56570	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	239933	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	186239	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	453697	20.00	ng	0.00
76) Chrysene-d12	21.66	240	485236	20.00	ng	0.00
87) Perylene-d12	24.85	264	523634	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	208462	60.84	ng	0.00
7) Phenol-d6	7.18	99	199791	39.24	ng	0.00
23) Nitrobenzene-d5	9.18	82	453277	86.20	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	437184	151.95	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1140177	89.77	ng	0.00
79) Terphenyl-d14	20.01	244	2287977	102.77	ng	0.00

Target Compounds

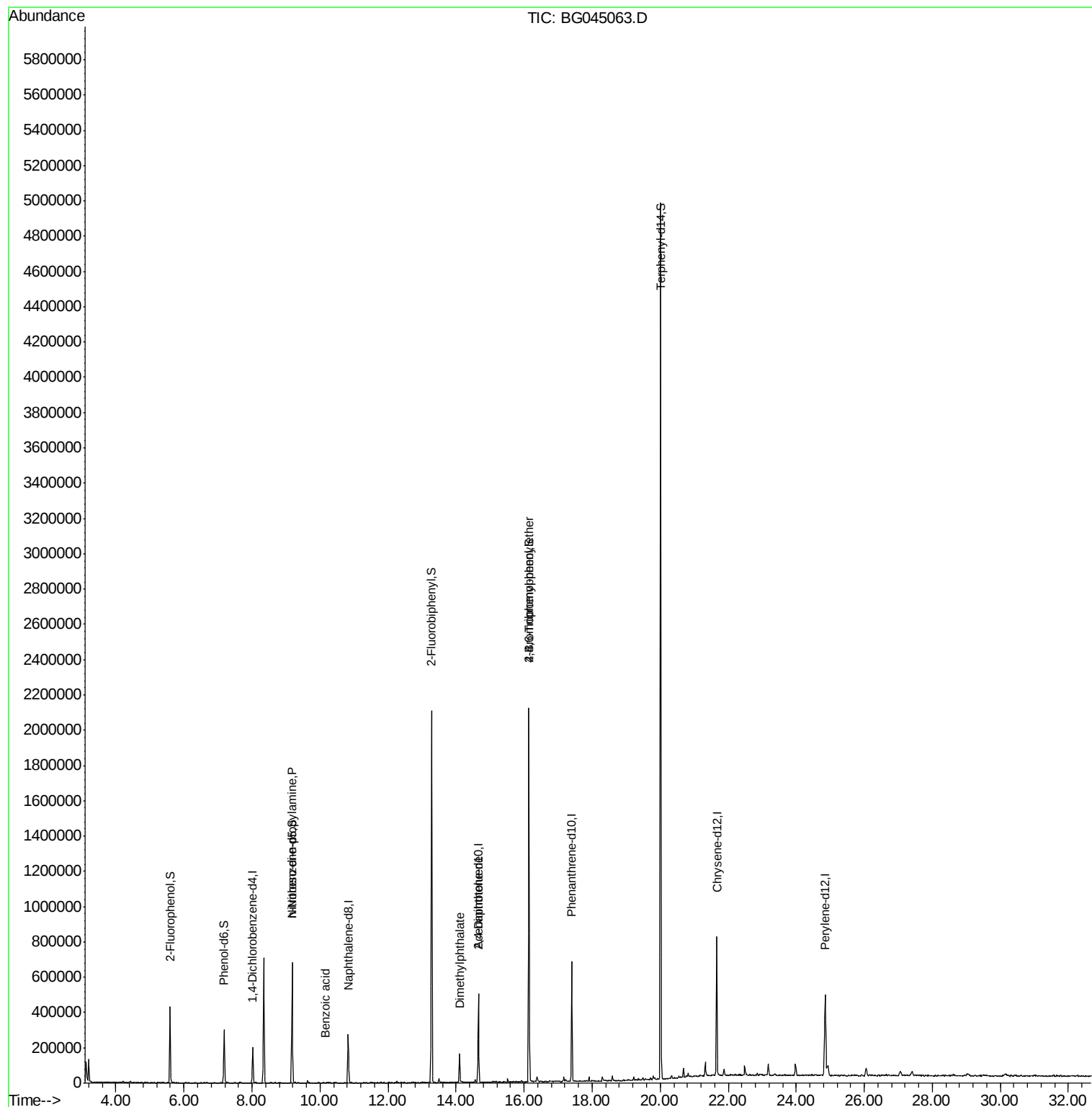
						Qvalue
9) Benzaldehyde	7.18	77	425	Below Cal	#	44
19) n-Nitroso-di-n-propylamine	9.18	70	63829	17.729 ng	#	78
32) Benzoic acid	10.15	122	60	6.391 ng	#	1
50) Dimethylphthalate	14.10	163	106007	6.991 ng		98
57) 2,4-Dinitrotoluene	14.65	165	23626	4.766 ng	#	22
67) 4-Bromophenyl-phenylether	16.14	248	31241	5.338 ng	#	1
69) Atrazine	16.86	200	60	Below Cal	#	35
74) Di-n-butylphthalate	18.37	149	1072	Below Cal	#	76
75) Fluoranthene	19.45	202	338	Below Cal		62
77) Benzidine	20.01	184	45668	Below Cal	#	92

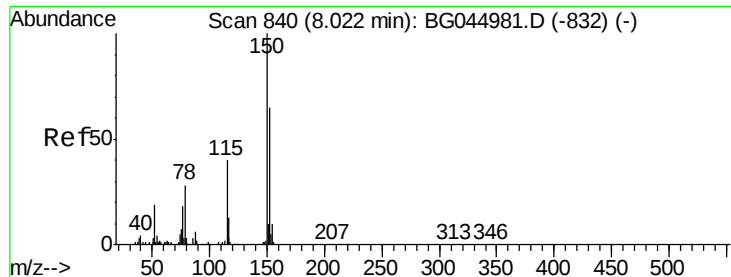
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
Data File : BG045063.D
Acq On : 18 Apr 2020 12:25
Operator : CG/JU
Sample : L2249-05
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-5

Quant Time: Apr 20 00:15:55 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



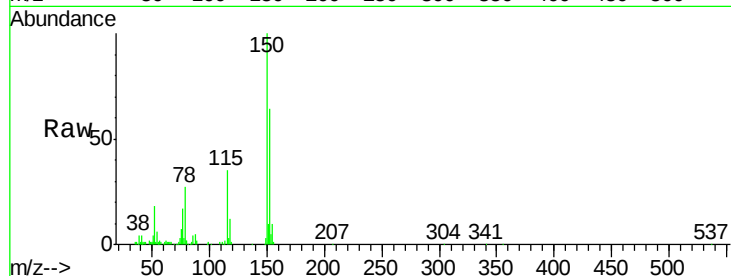


#1

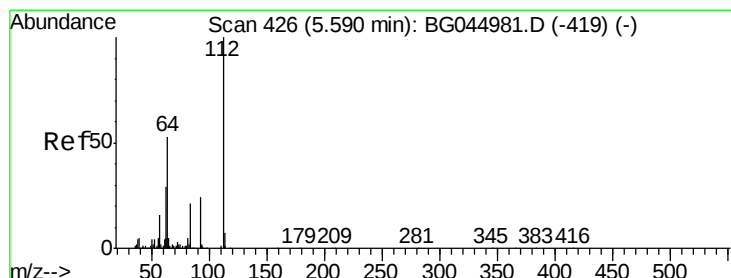
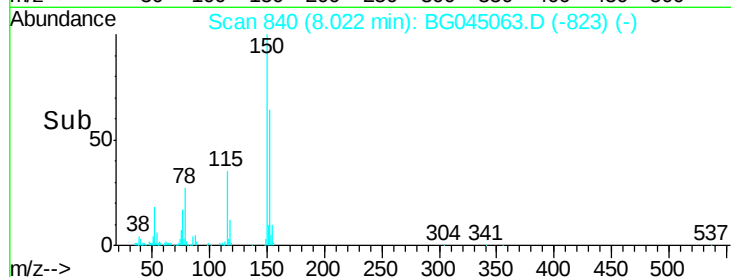
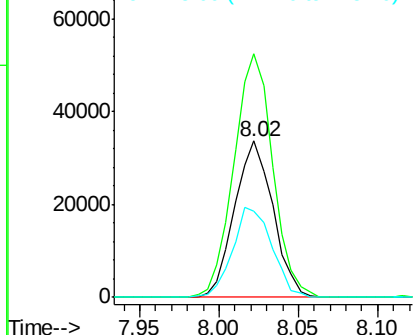
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG045063.D
Acq: 18 Apr 2020 12:25

Instrument :
BNA_G
ClientSampleId :
WC-5

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	123.6	185.4
115	55.1	49.1	73.7



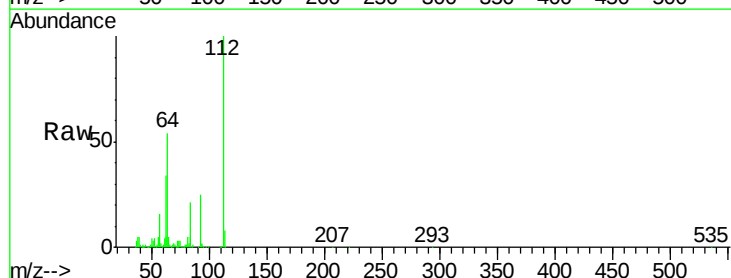
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



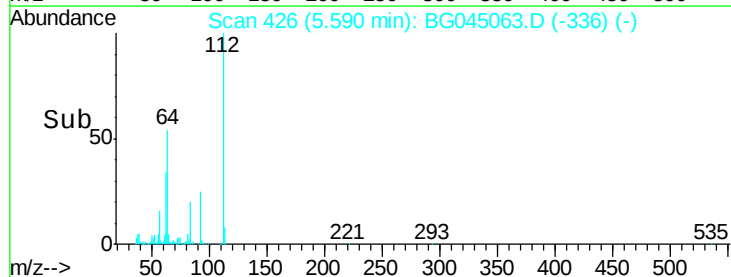
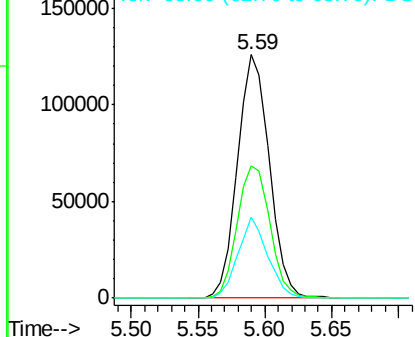
#5

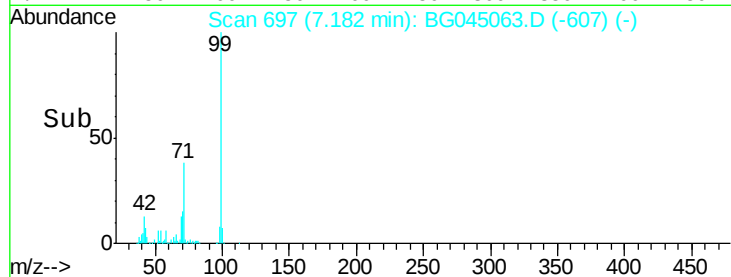
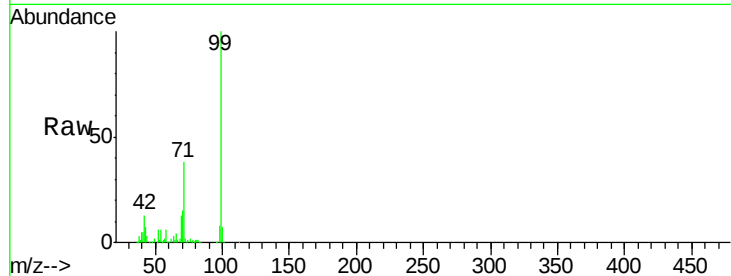
2-Fluorophenol
Concen: 60.838 ng
RT: 5.59 min Scan# 426
Delta R.T. -0.00 min
Lab File: BG045063.D
Acq: 18 Apr 2020 12:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.1	42.4	63.6
63	33.5	23.1	34.7



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





#7

Phenol-d6

Concen: 39.244 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG045063.D

Acq: 18 Apr 2020 12:25

Instrument :

BNA_G

ClientSampleId :

WC-5

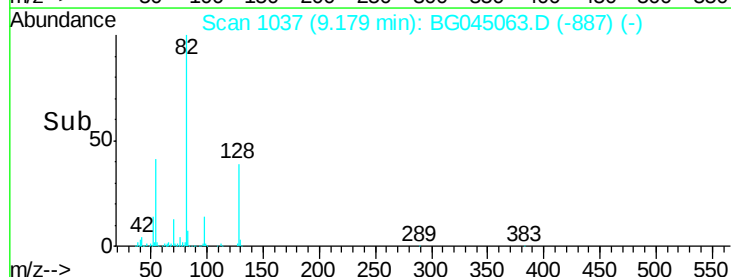
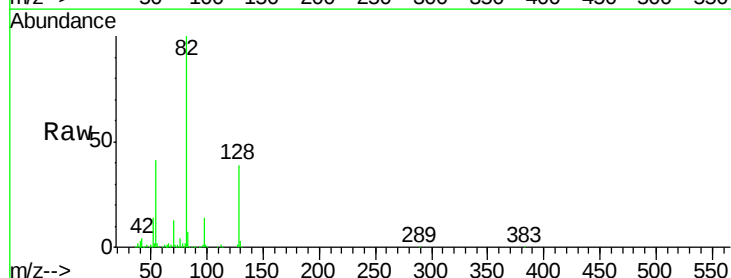
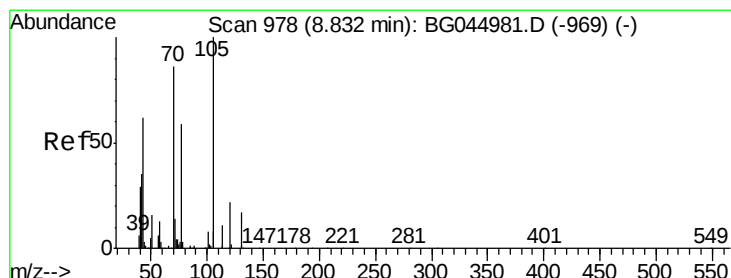
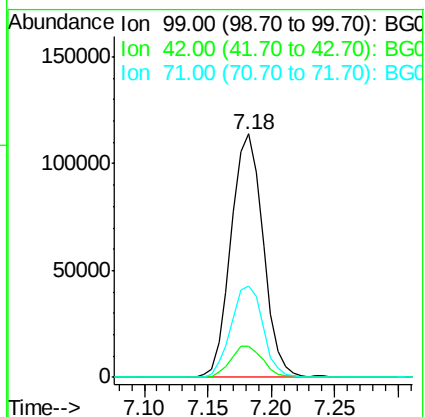
Tot Ion: 99 Resp: 199791

Ion Ratio Lower Upper

99 100

42 12.9 11.3 16.9

71 37.6 28.3 42.5



#19

n-Nitroso-di-n-propylamine

Concen: 17.729 ng

RT: 9.18 min Scan# 1037

Delta R.T. 0.35 min

Lab File: BG045063.D

Acq: 18 Apr 2020 12:25

Tgt Ion: 70 Resp: 63829

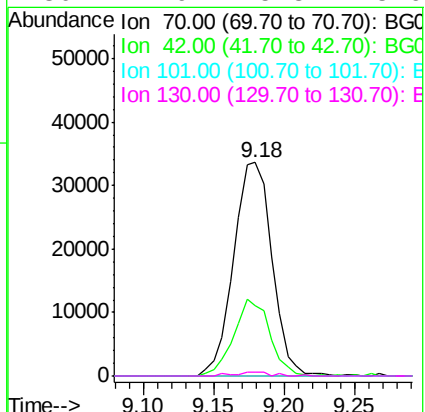
Ion Ratio Lower Upper

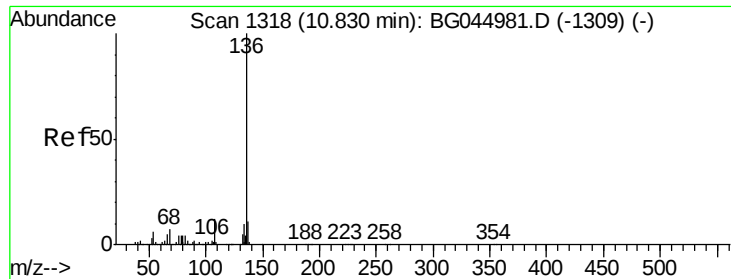
70 100

42 33.1 33.3 49.9#

101 0.0 7.8 11.8#

130 1.9 15.8 23.6#

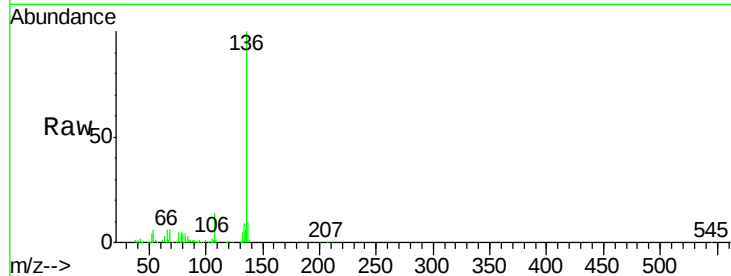




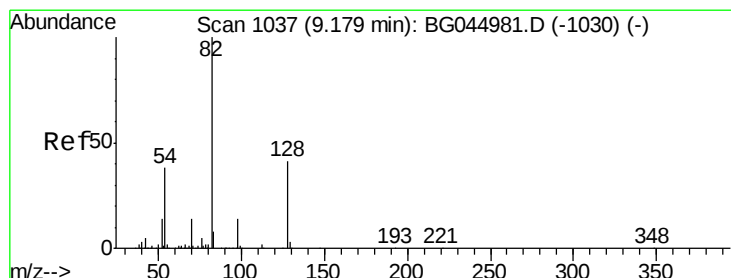
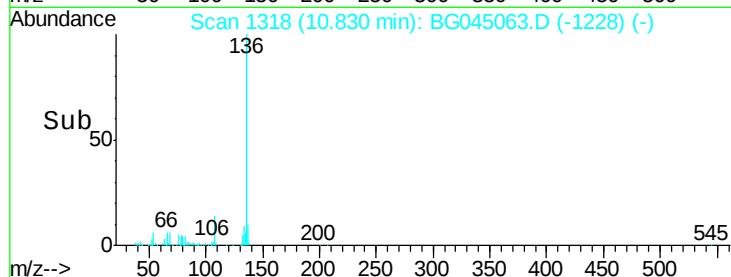
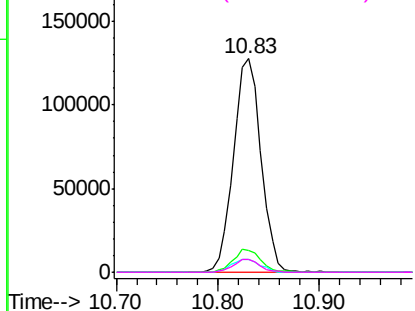
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BG045063.D
Acq: 18 Apr 2020 12:25

Instrument :
BNA_G
ClientSampleId :
WC-5

Tot Ion:136	Resp:	239933
Ion Ratio	Lower	Upper
136 100		
137 10.4	8.6	13.0
54 6.2	4.8	7.2
68 6.3	5.2	7.8

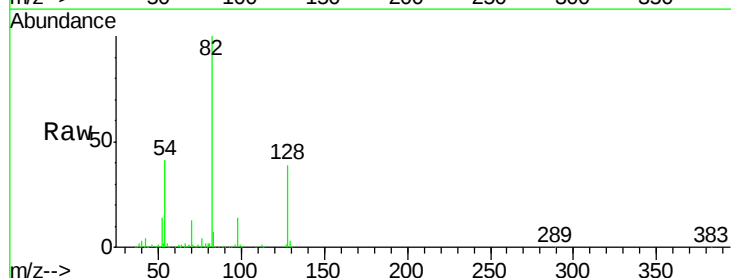


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

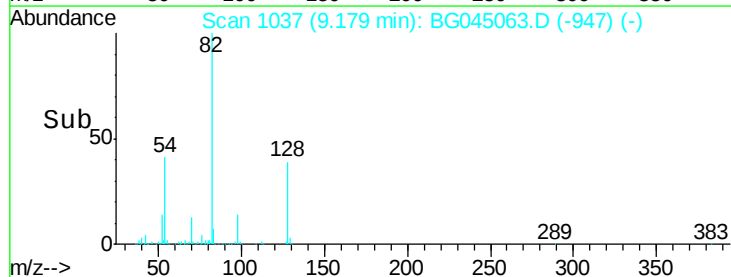
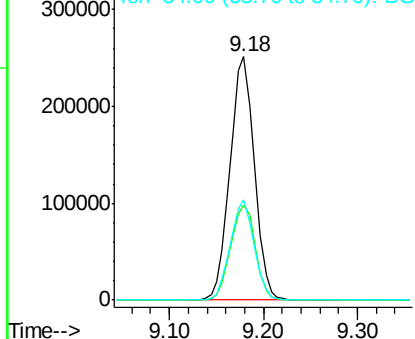


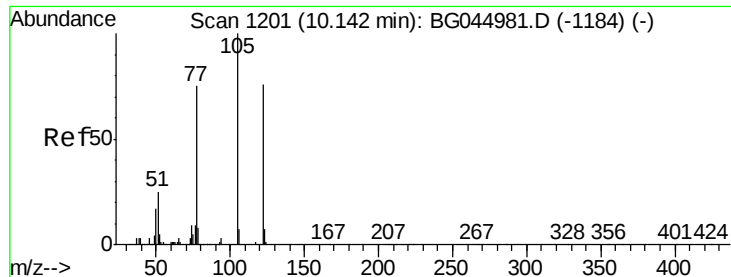
#23
Nitrobenzene-d5
Concen: 86.201 ng
RT: 9.18 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BG045063.D
Acq: 18 Apr 2020 12:25

Tgt	Ion: 82	Resp:	453277
Ion	Ratio	Lower	Upper
82	100		
128	39.1	33.0	49.4
54	41.0	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

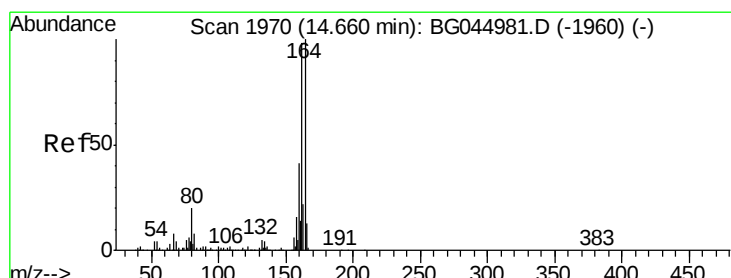
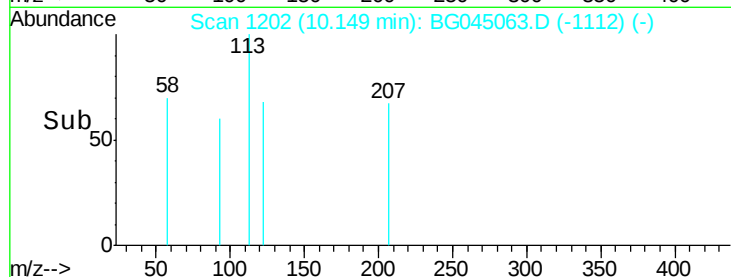
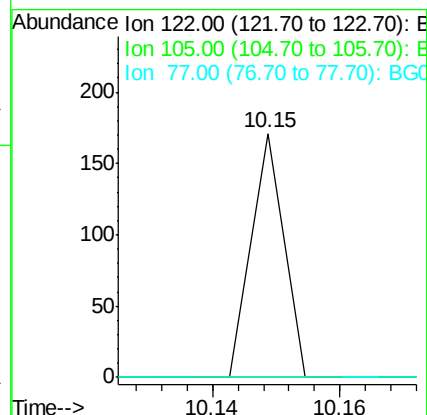
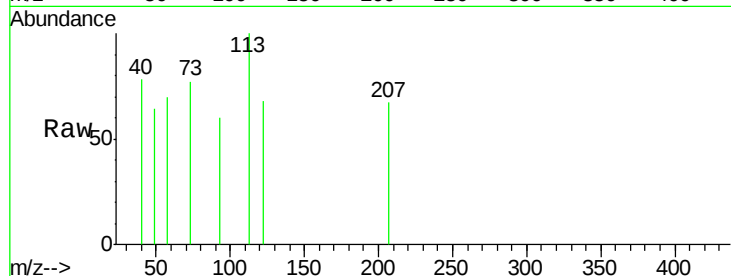




#32
Benzoic acid
Concen: 6.391 ng
RT: 10.15 min Scan# 1202
Delta R.T. -0.00 min
Lab File: BG045063.D
Acq: 18 Apr 2020 12:25

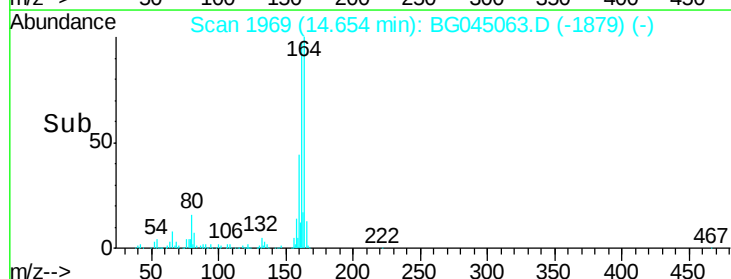
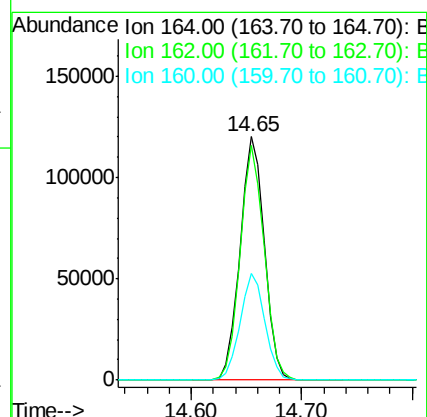
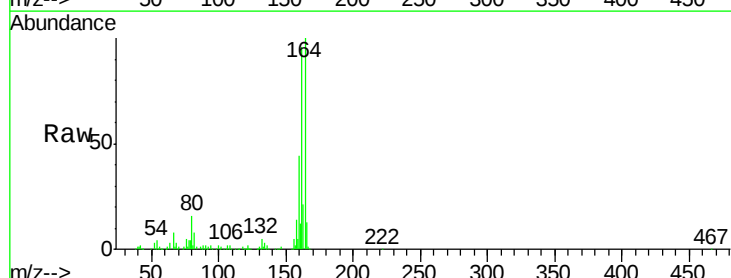
Instrument :
BNA_G
ClientSampleId :
WC-5

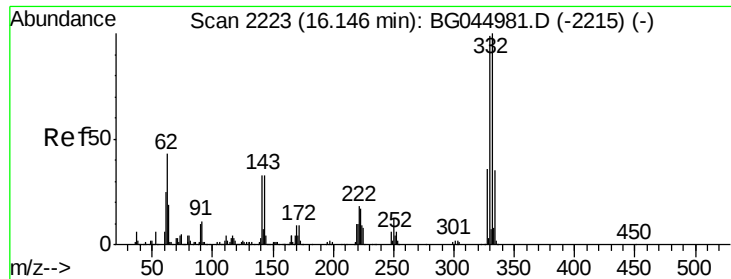
Tot Ion:122 Resp: 60
Ion Ratio Lower Upper
122 100
105 0.0 108.4 148.4#
77 0.0 78.8 118.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG045063.D
Acq: 18 Apr 2020 12:25

Tgt Ion:164 Resp: 186239
Ion Ratio Lower Upper
164 100
162 96.3 78.7 118.1
160 43.6 32.8 49.2

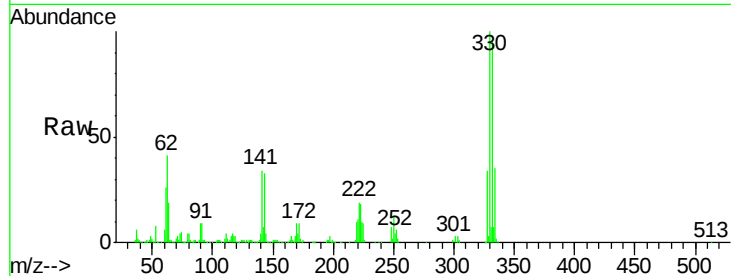




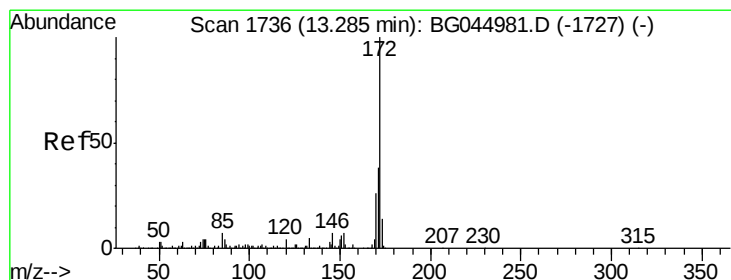
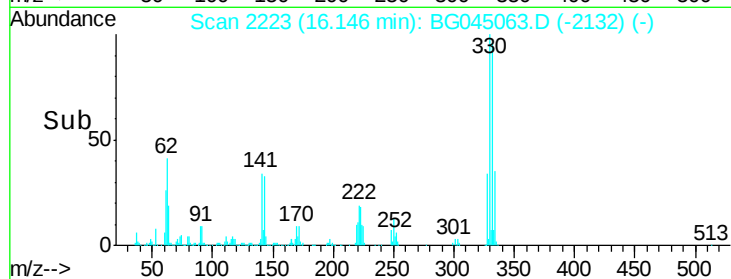
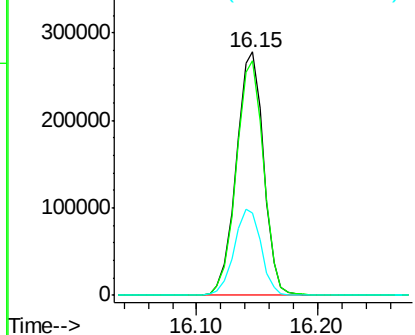
#42
 2,4,6-Tribromophenol
 Concen: 151.950 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. 0.00 min
 Lab File: BG045063.D
 Acq: 18 Apr 2020 12:25

Instrument :
 BNA_G
 ClientSampleId :
 WC-5

Tot Ion:330 Resp: 437184
 Ion Ratio Lower Upper
 330 100
 332 96.9 79.1 118.7
 141 35.0 27.1 40.7

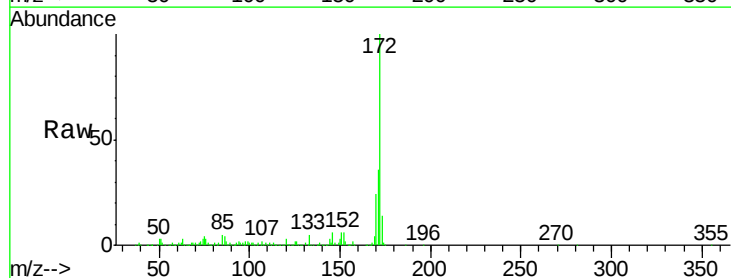


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

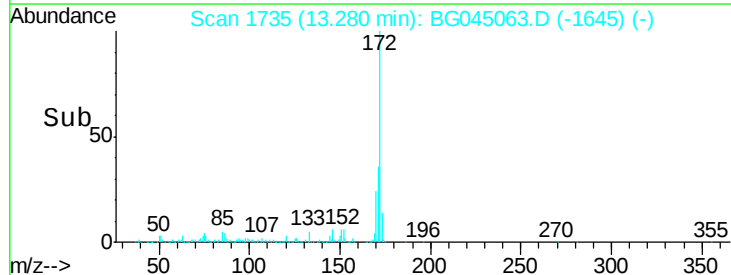
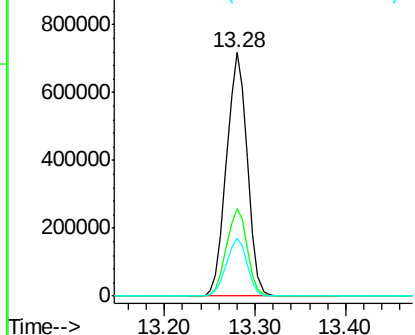


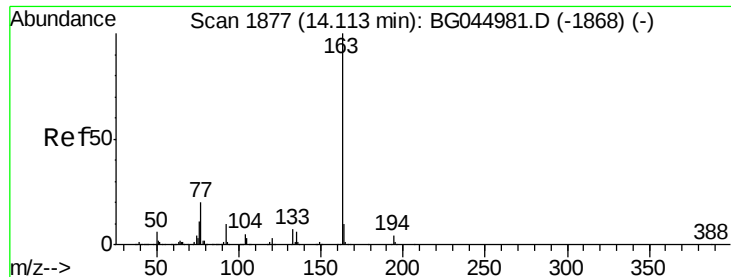
#45
 2-Fluorobiphenyl
 Concen: 89.770 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.00 min
 Lab File: BG045063.D
 Acq: 18 Apr 2020 12:25

Tgt Ion:172 Resp: 1140177
 Ion Ratio Lower Upper
 172 100
 171 36.2 30.6 46.0
 170 23.6 20.5 30.7



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

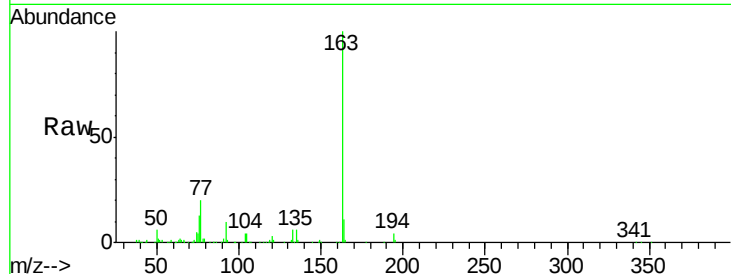




#50
Dimethylphthalate
Concen: 6.991 ng
RT: 14.10 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG045063.D
Acq: 18 Apr 2020 12:25

Instrument :
BNA_G
ClientSampleId :
WC-5

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.5	5.3
164	11.1	8.2	12.4

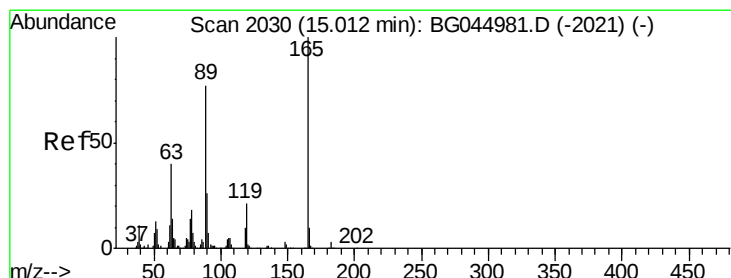
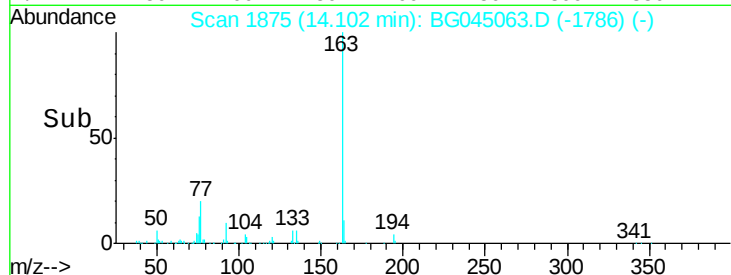
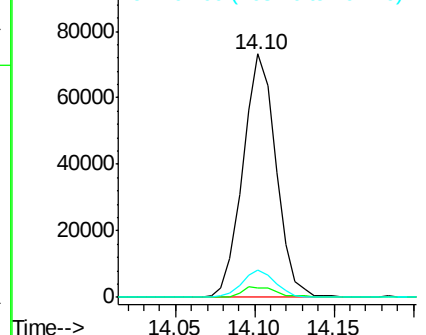


Abundance

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



#57
2,4-Dinitrotoluene
Concen: 4.766 ng
RT: 14.65 min Scan# 1969
Delta R.T. -0.36 min
Lab File: BG045063.D
Acq: 18 Apr 2020 12:25

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	32.2	48.2#
89	2.4	61.7	92.5#
182	0.0	2.0	3.0#

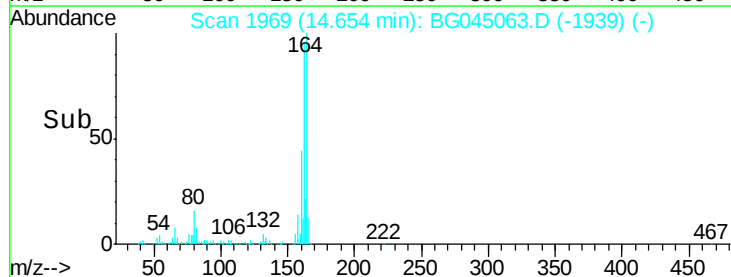
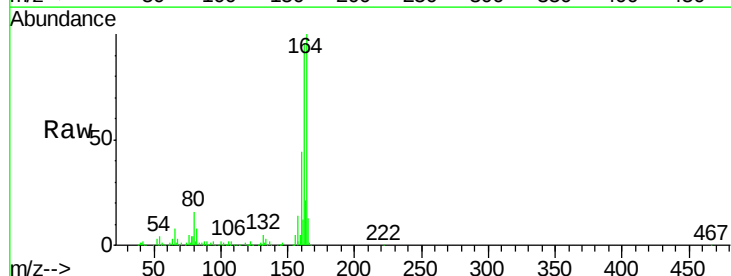
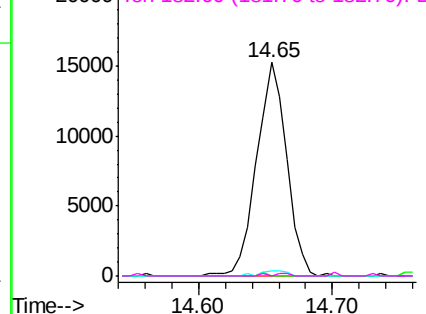
Abundance

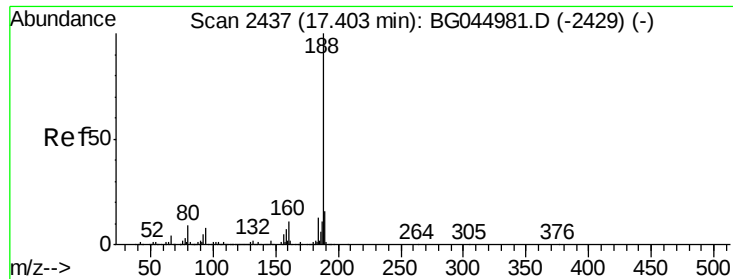
Ion 165.00 (164.70 to 165.70): E

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# 2436

Delta R.T. -0.00 min

Lab File: BG045063.D

Acq: 18 Apr 2020 12:25

Instrument :

BNA_G

ClientSampleId :

WC-5

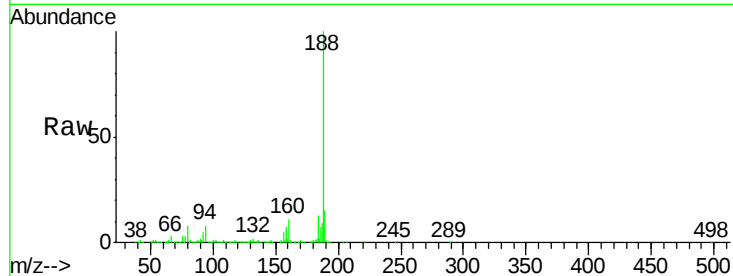
Tot Ion:188 Resp: 453697

Ion Ratio Lower Upper

188 100

94 7.7 6.2 9.4

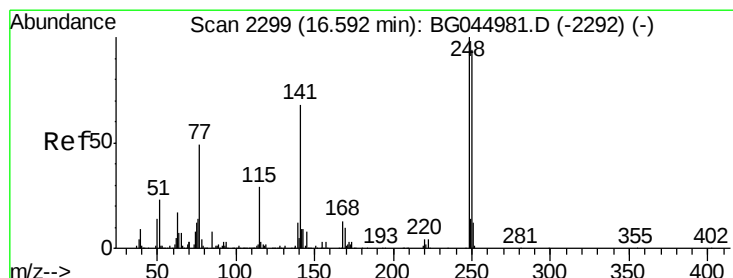
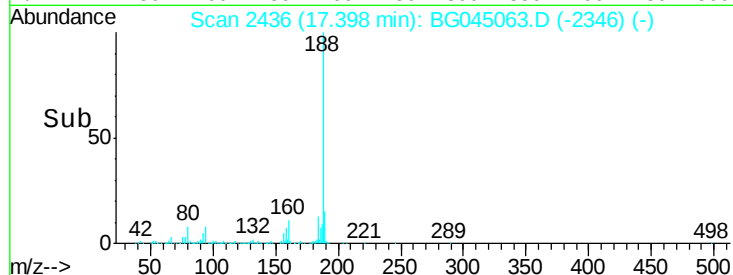
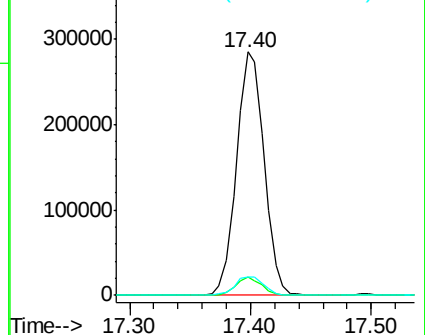
80 7.7 7.0 10.6



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



#67

4-Bromophenyl-phenylether

Concen: 5.338 ng

RT: 16.14 min Scan# 2222

Delta R.T. -0.45 min

Lab File: BG045063.D

Acq: 18 Apr 2020 12:25

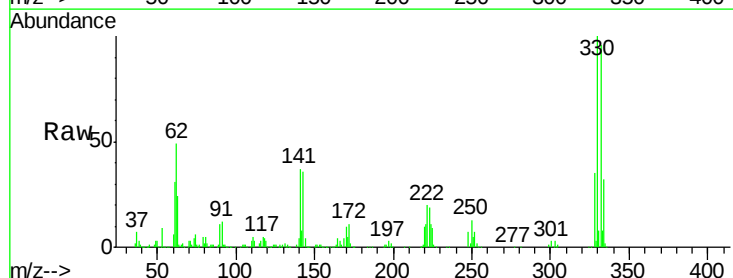
Tgt Ion:248 Resp: 31241

Ion Ratio Lower Upper

248 100

250 180.3 75.4 113.2#

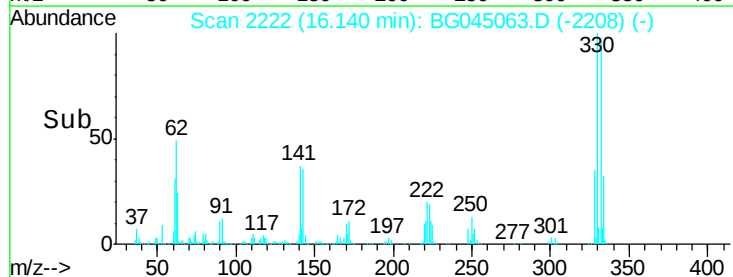
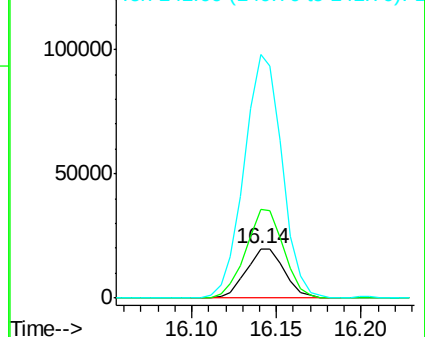
141 494.4 54.4 81.6#

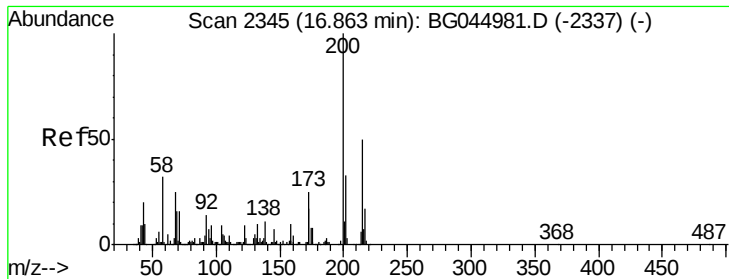


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#69

Atrazine

Concen: Below Cal

RT: 16.86 min Scan# 2345

Delta R.T. 0.00 min

Lab File: BG045063.D

Acq: 18 Apr 2020 12:25

Instrument :

BNA_G

ClientSampleId :

WC-5

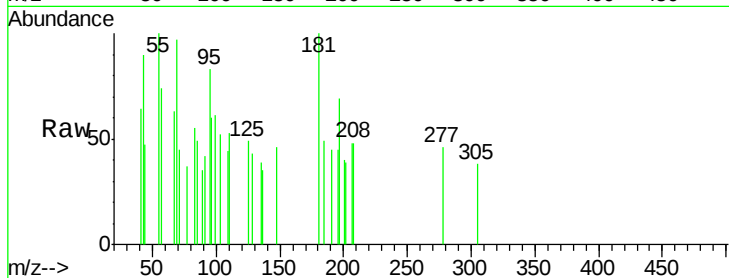
Tot Ion:200 Resp: 60

Ion Ratio Lower Upper

200 100

173 0.0 4.5 44.5#

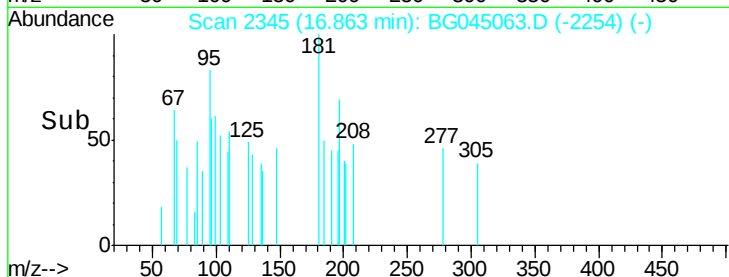
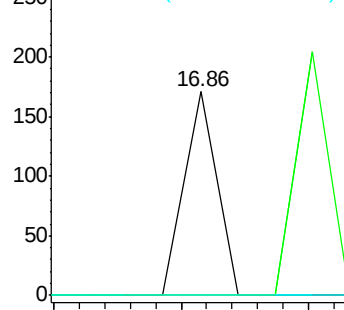
215 0.0 30.0 70.0#



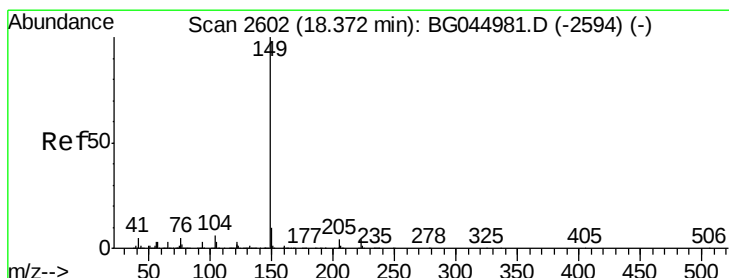
Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



Time--> 16.84 16.86 16.88



#74

Di-n-butylphthalate

Concen: Below Cal

RT: 18.37 min Scan# 2601

Delta R.T. -0.00 min

Lab File: BG045063.D

Acq: 18 Apr 2020 12:25

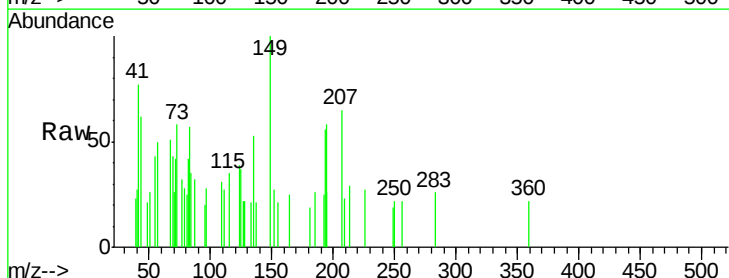
Tgt Ion:149 Resp: 1072

Ion Ratio Lower Upper

149 100

150 0.0 8.2 12.2#

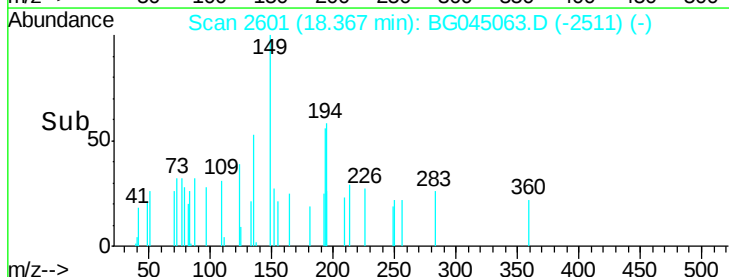
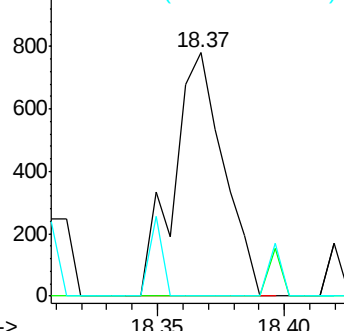
104 0.0 4.8 7.2#

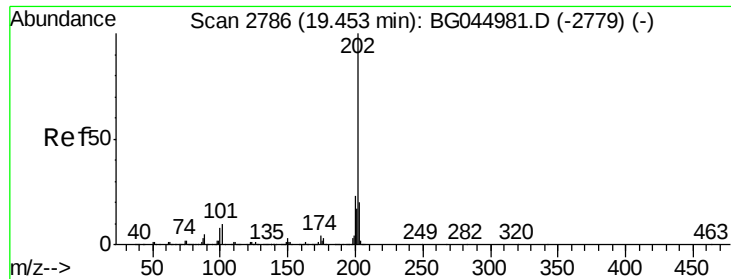


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: Below Cal

RT: 19.45 min Scan# 2786

Delta R.T. 0.00 min

Lab File: BG045063.D

Acq: 18 Apr 2020 12:25

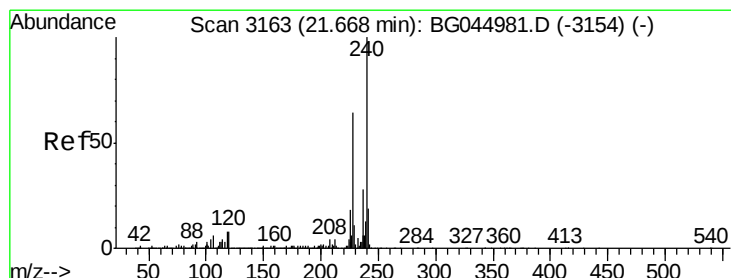
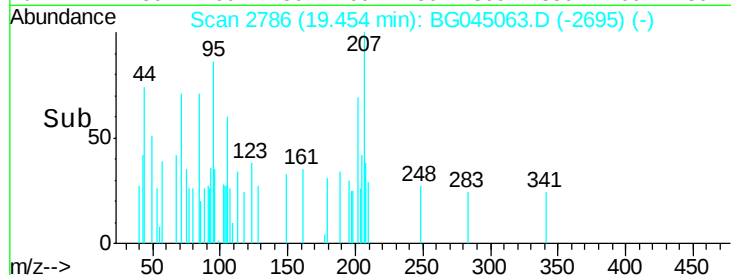
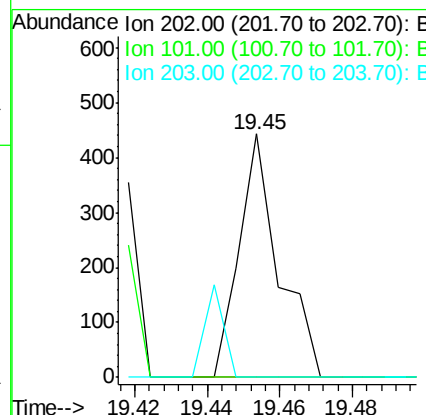
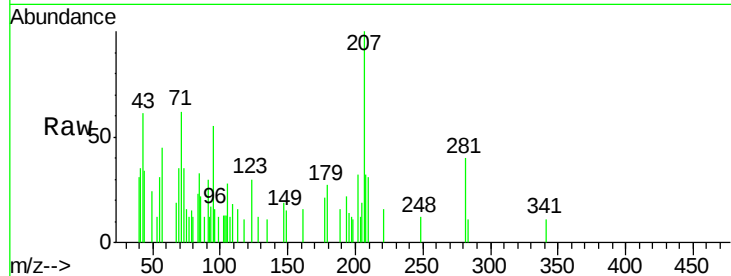
Instrument :

BNA_G

ClientSampled :

WC-5

Tot Ion:	202	Resp:	338
Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	29.6
203	0.0	0.0	39.7



#76

Chrysene-d12

Concen: 20.000 ng

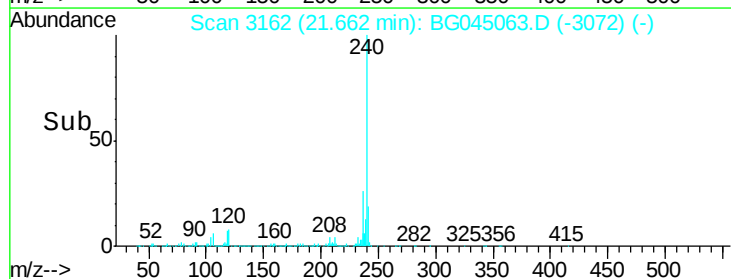
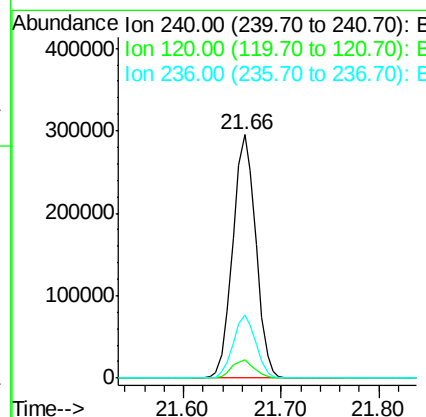
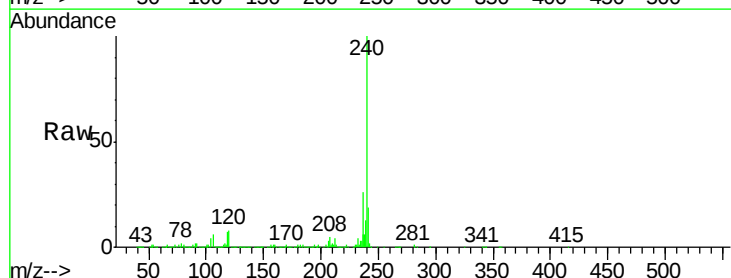
RT: 21.66 min Scan# 3162

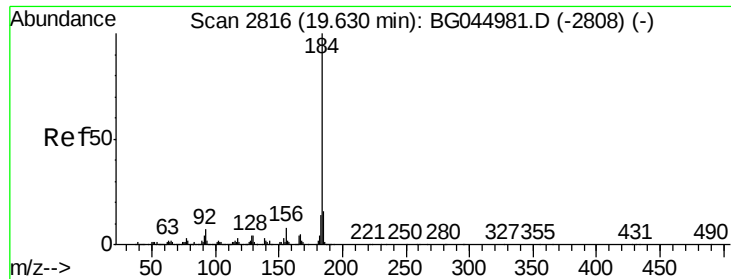
Delta R.T. -0.00 min

Lab File: BG045063.D

Acq: 18 Apr 2020 12:25

Tgt Ion:	240	Resp:	485236
Ion	Ratio	Lower	Upper
240	100		
120	7.6	6.6	10.0
236	25.9	22.2	33.2





#77

Benzidine

Concen: Below Cal

RT: 20.01 min Scan# 2881

Delta R.T. 0.38 min

Lab File: BG045063.D

Acq: 18 Apr 2020 12:25

Instrument :

BNA_G

ClientSampleId :

WC-5

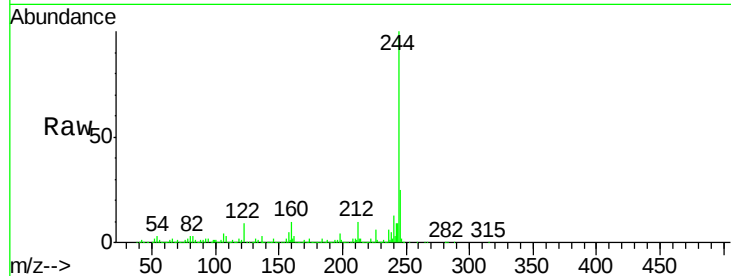
Tot Ion:184 Resp: 45668

Ion Ratio Lower Upper

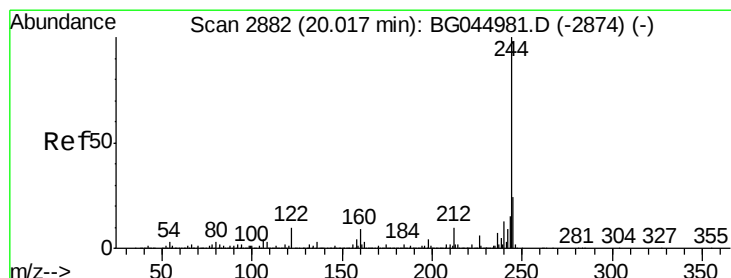
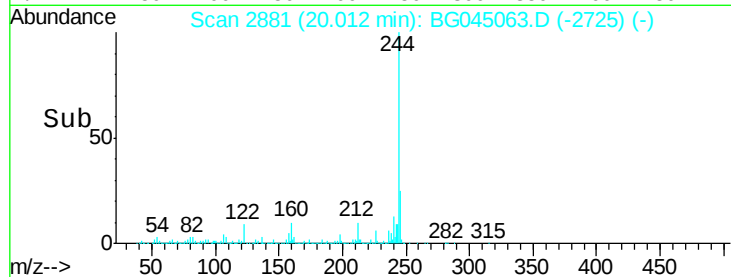
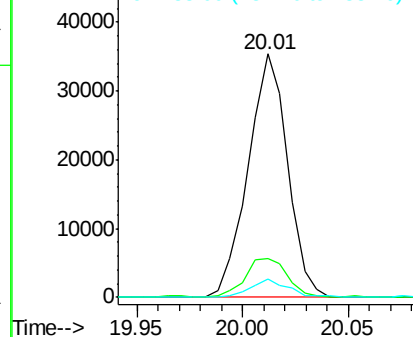
184 100

185 16.0 12.6 19.0

183 7.3 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: 102.771 ng

RT: 20.01 min Scan# 2881

Delta R.T. -0.00 min

Lab File: BG045063.D

Acq: 18 Apr 2020 12:25

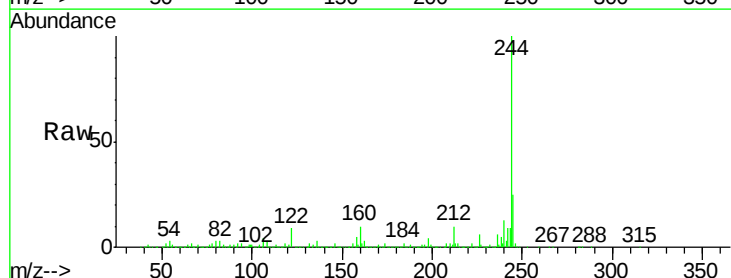
Tgt Ion:244 Resp: 2287977

Ion Ratio Lower Upper

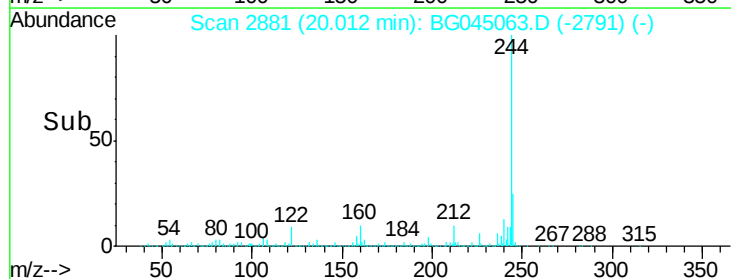
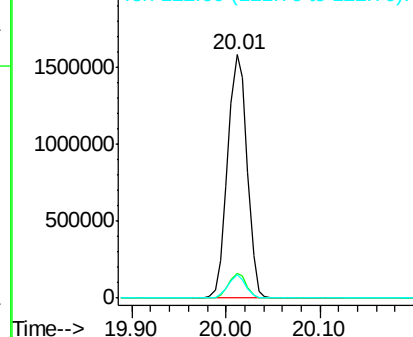
244 100

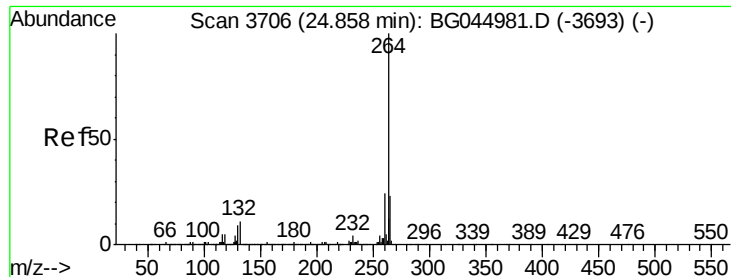
212 10.3 7.9 11.9

122 9.5 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

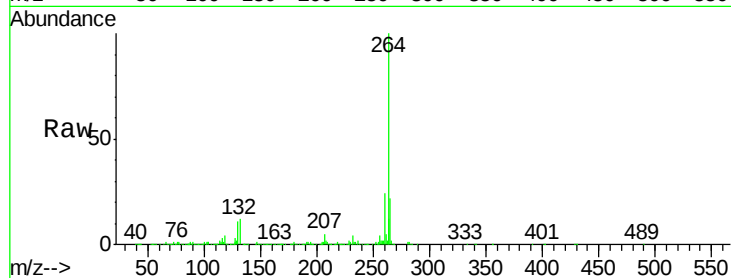




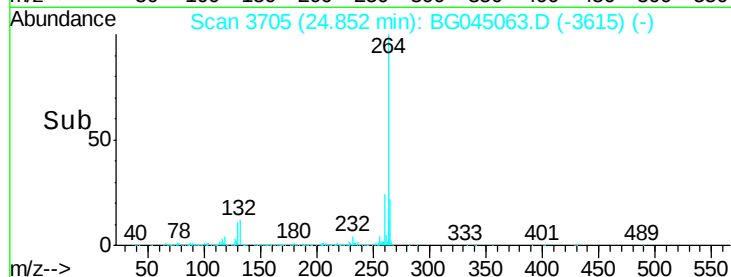
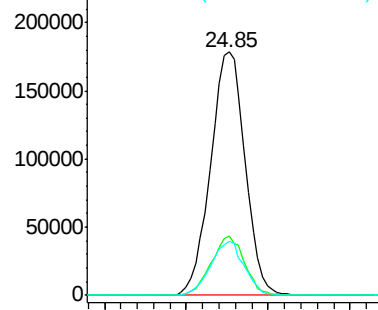
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3705
Delta R.T. -0.00 min
Lab File: BG045063.D
Acq: 18 Apr 2020 12:25

Instrument :
BNA_G
ClientSampleId :
WC-5

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	22.2	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



Time-->