

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061020\
 Data File : BG045698.D
 Acq On : 10 Jun 2020 19:16
 Operator : CG/JU
 Sample : L2950-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 72-11939

Quant Time: Jun 11 00:44:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

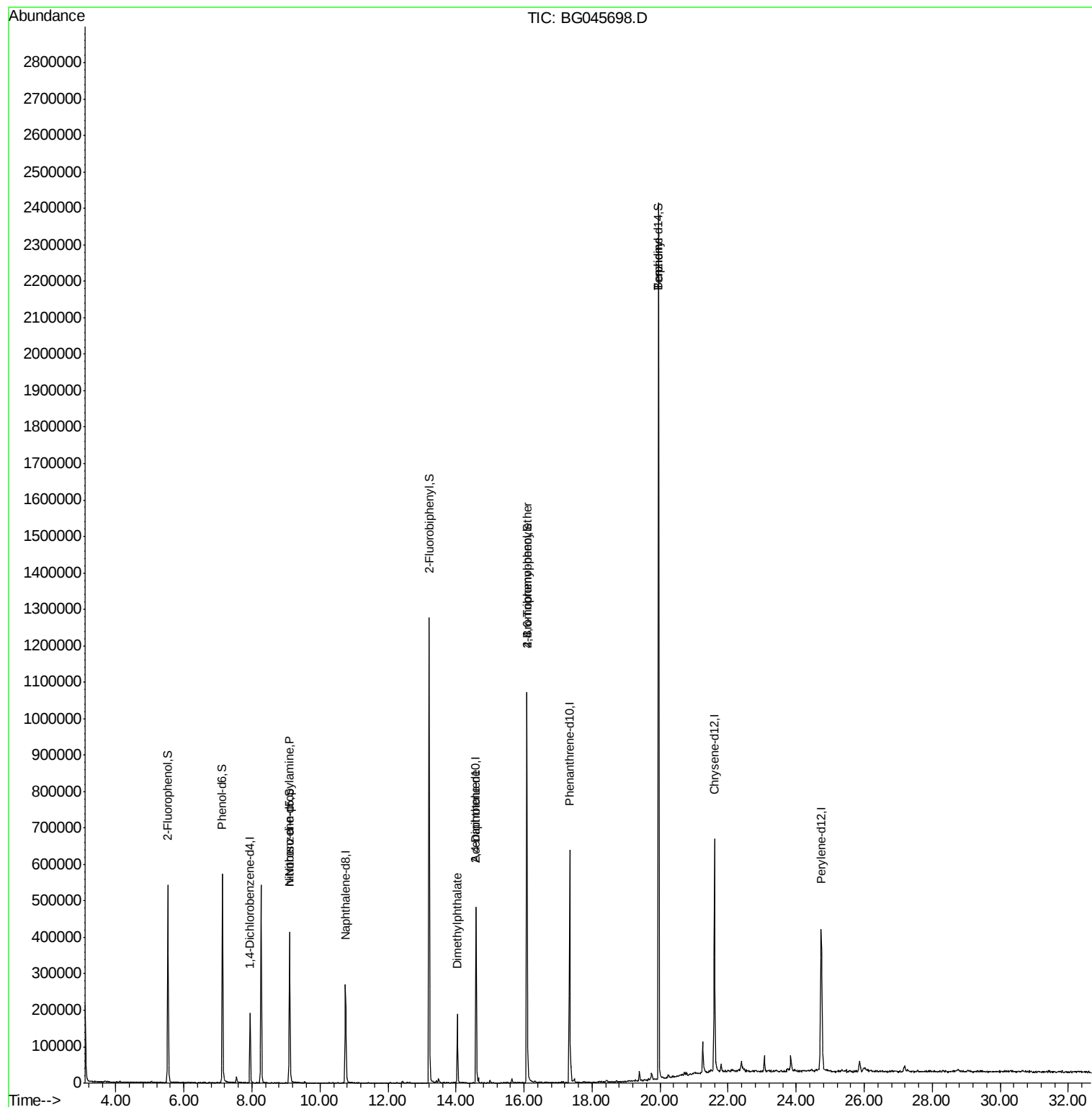
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	57860	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	243276	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	185287	20.00	ng	0.00
64) Phenanthrene-d10	17.33	188	444102	20.00	ng	0.00
76) Chrysene-d12	21.59	240	407210	20.00	ng	0.00
87) Perylene-d12	24.73	264	439751	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	261854	88.44	ng	0.00
7) Phenol-d6	7.13	99	387469	91.95	ng	-0.02
23) Nitrobenzene-d5	9.10	82	288949	64.77	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	227183	95.87	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	710073	65.00	ng	0.00
79) Terphenyl-d14	19.95	244	1221081	69.94	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.10	70	40667	13.956	ng	Qvalue # 84
50) Dimethylphthalate	14.04	163	131638	10.357	ng	# 98
57) 2,4-Dinitrotoluene	14.59	165	23963	5.769	ng	# 21
67) 4-Bromophenyl-phenylether	16.08	248	14512	3.018	ng	# 1
77) Benzidine	19.95	184	23330	2.040	ng	# 89

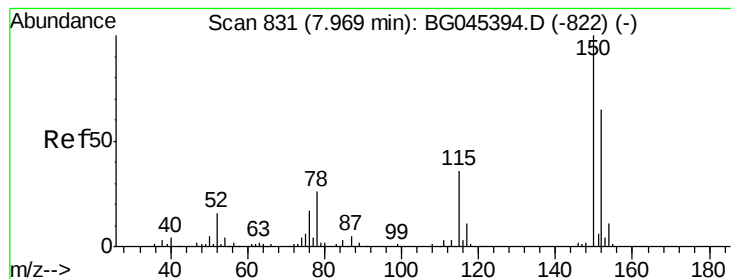
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061020\
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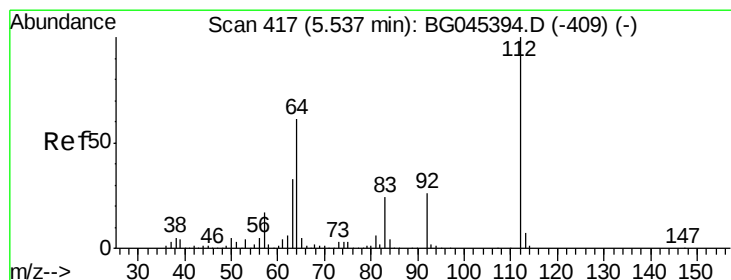
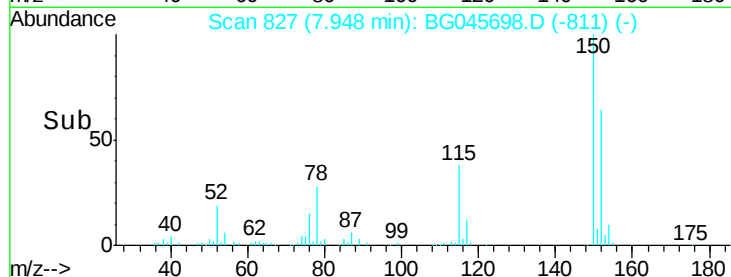
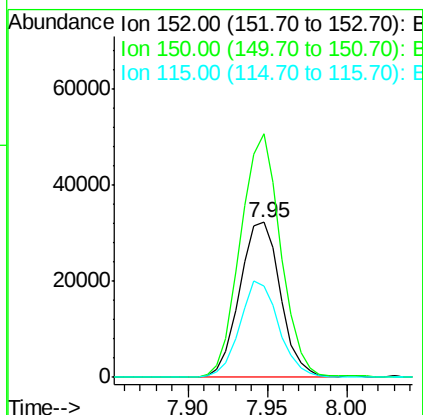
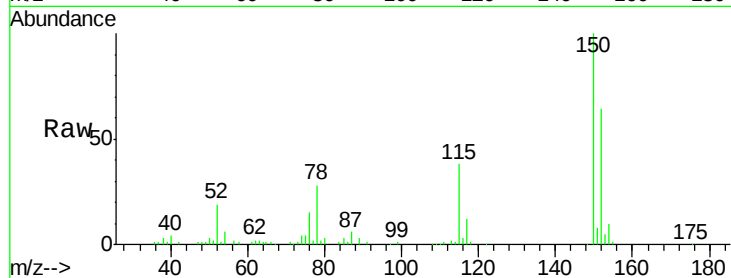


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG045698.D
Acq: 10 Jun 2020 19:16

Instrument :
BNA_G
ClientSampleId :
72-11939

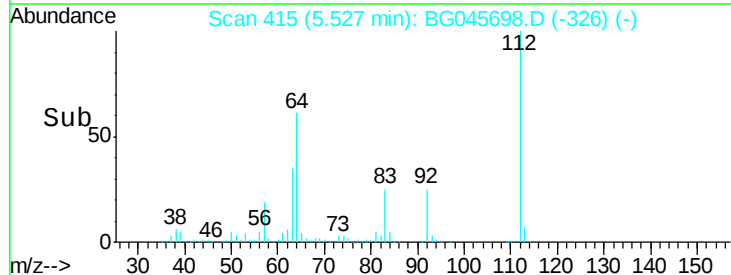
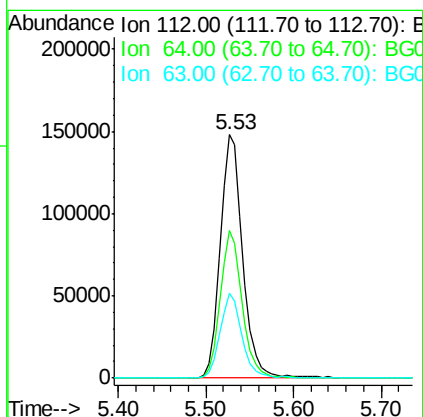
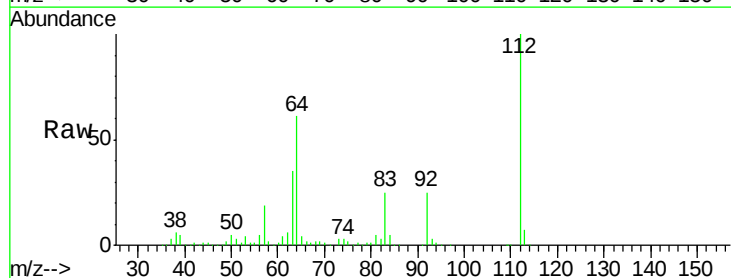
Tot Ion:152 Resp: 57860
Ion Ratio Lower Upper
152 100
150 157.1 122.4 183.6
115 59.2 44.2 66.4



#5

2-Fluorophenol
Concen: 88.445 ng
RT: 5.53 min Scan# 415
Delta R.T. -0.01 min
Lab File: BG045698.D
Acq: 10 Jun 2020 19:16

Tgt Ion:112 Resp: 261854
Ion Ratio Lower Upper
112 100
64 60.8 48.6 72.8
63 34.7 26.5 39.7





#7

Phenol-d6

Concen: 91.950 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.02 min

Lab File: BG045698.D

Acq: 10 Jun 2020 19:16

Instrument :

BNA_G

ClientSampleId :

72-11939

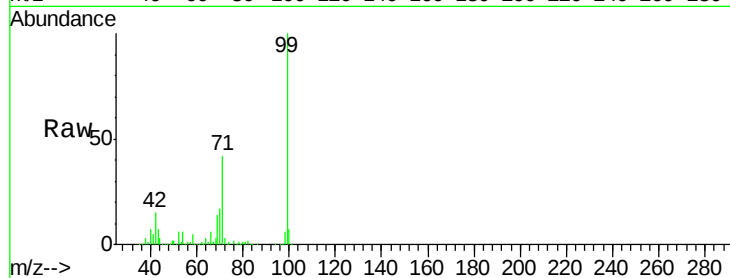
Tot Ion: 99 Resp: 387469

Ion Ratio Lower Upper

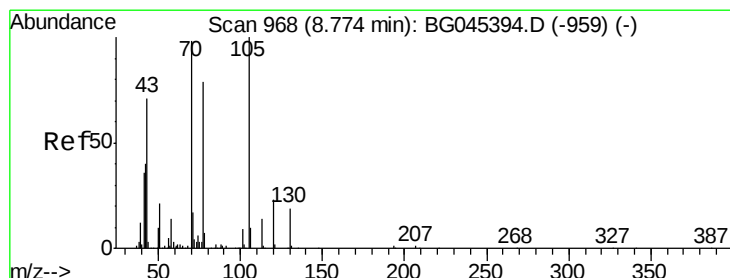
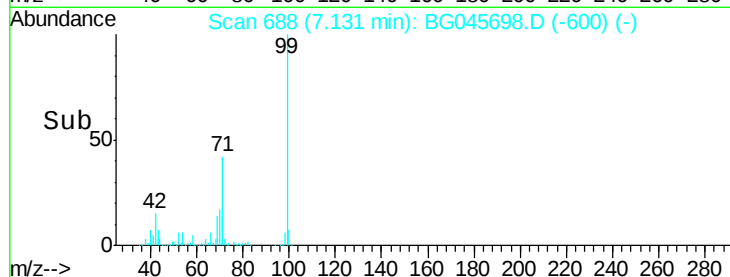
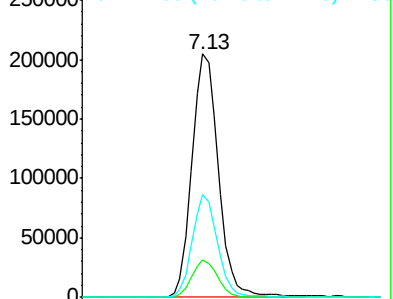
99 100

42 15.5 11.3 16.9

71 42.1 30.8 46.2



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: 13.956 ng

RT: 9.10 min Scan# 1024

Delta R.T. 0.35 min

Lab File: BG045698.D

Acq: 10 Jun 2020 19:16

Tgt Ion: 70 Resp: 40667

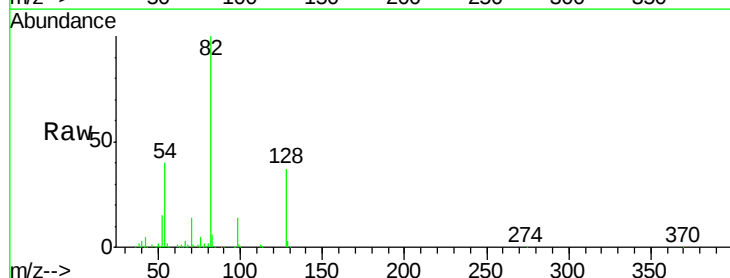
Ion Ratio Lower Upper

70 100

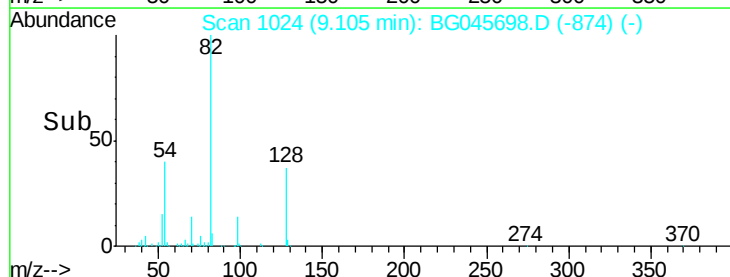
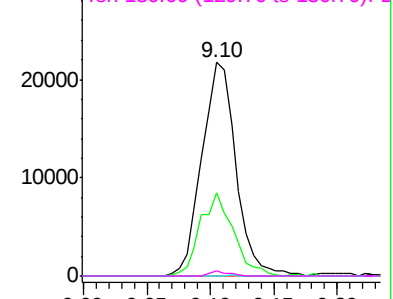
42 39.1 33.2 49.8

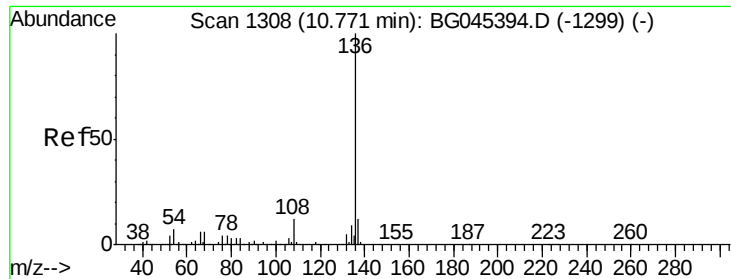
101 0.0 7.8 11.6#

130 2.7 15.4 23.2#



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: 10.75 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BG045698.D

Acq: 10 Jun 2020 19:16

Instrument :

BNA_G

ClientSampleId :

72-11939

Tot Ion:136 Resp: 243276

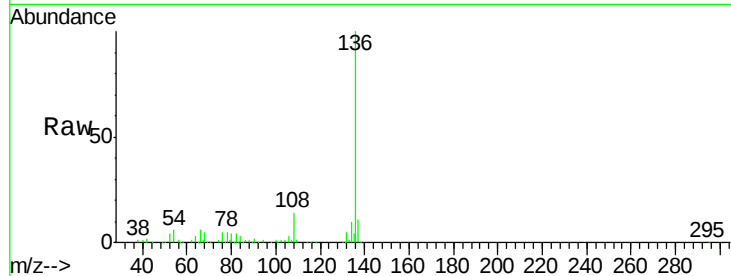
Ion Ratio Lower Upper

136 100

137 10.9 9.4 14.2

54 5.9 5.8 8.6

68 5.3 4.5 6.7

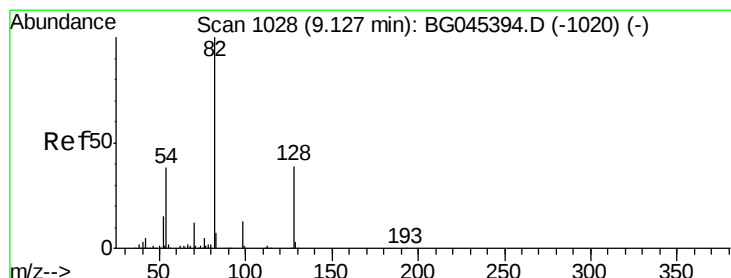
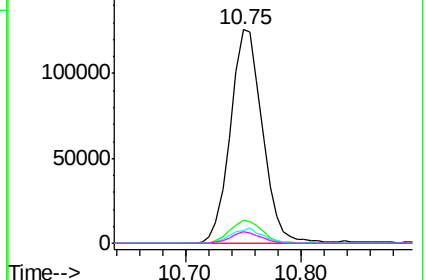
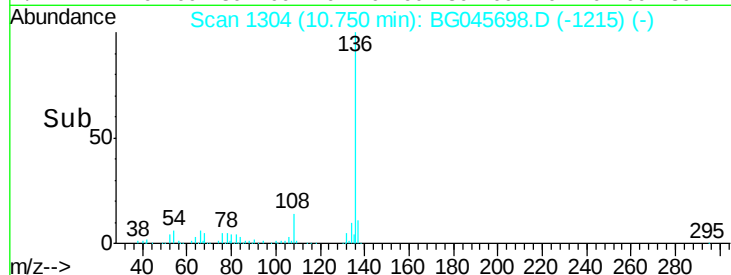


Abundance Ion 136.00 (135.70 to 136.70): E

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: 64.769 ng

RT: 9.10 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BG045698.D

Acq: 10 Jun 2020 19:16

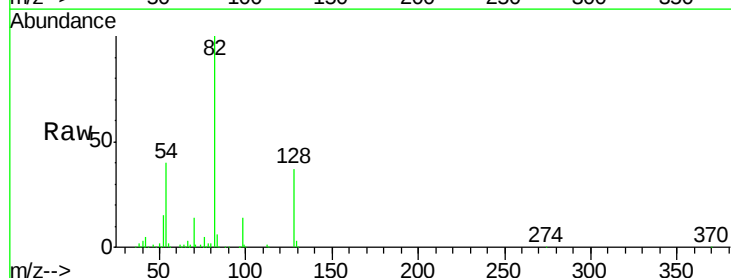
Tgt Ion: 82 Resp: 288949

Ion Ratio Lower Upper

82 100

128 37.4 30.9 46.3

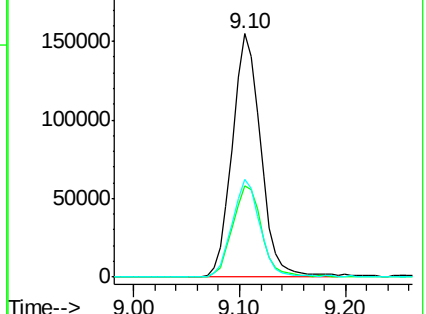
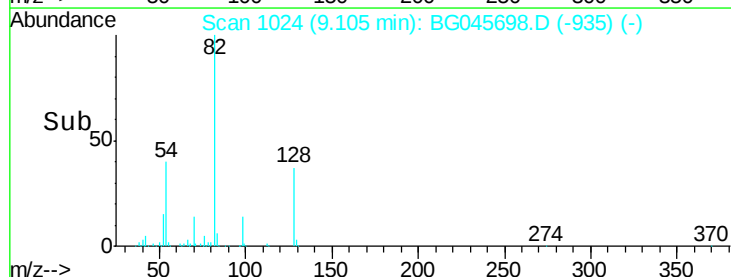
54 40.1 30.3 45.5

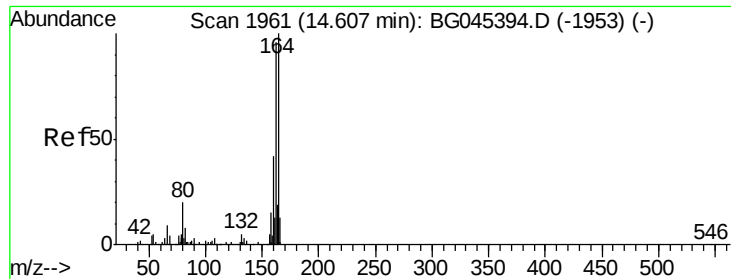


Abundance Ion 82.00 (81.70 to 82.70): BGC

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: 14.59 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BG045698.D

Acq: 10 Jun 2020 19:16

Instrument :

BNA_G

ClientSampleId :

72-11939

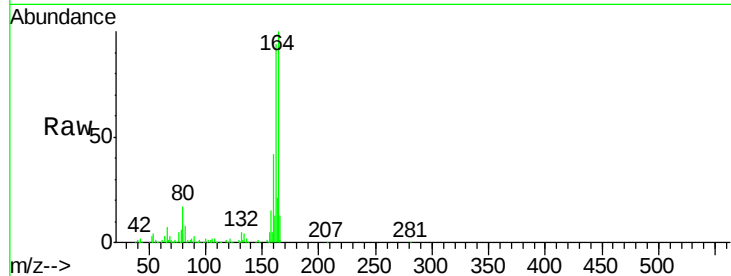
Tot Ion:164 Resp: 185287

Ion Ratio Lower Upper

164 100

162 94.2 76.9 115.3

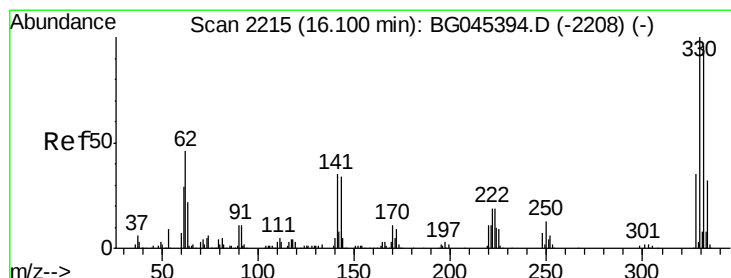
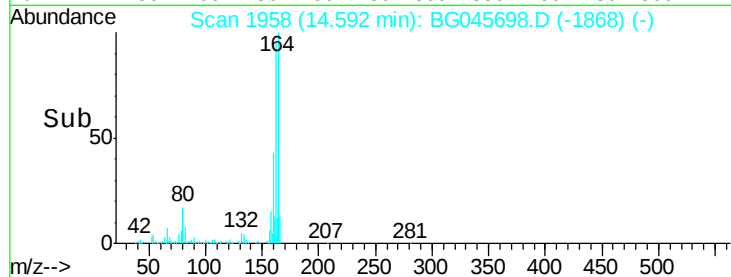
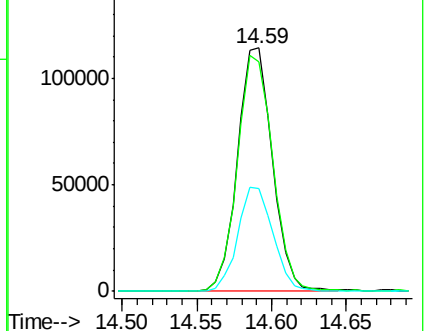
160 42.3 33.8 50.8



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: 95.874 ng

RT: 16.08 min Scan# 2212

Delta R.T. -0.01 min

Lab File: BG045698.D

Acq: 10 Jun 2020 19:16

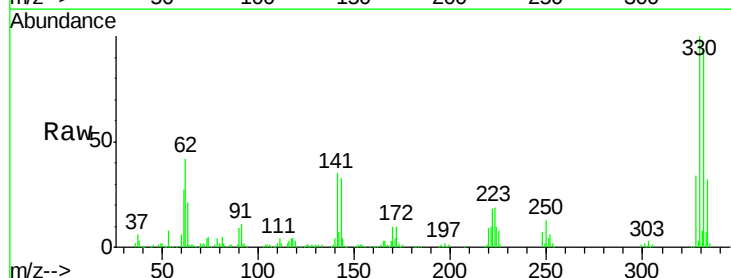
Tgt Ion:330 Resp: 227183

Ion Ratio Lower Upper

330 100

332 97.6 78.2 117.4

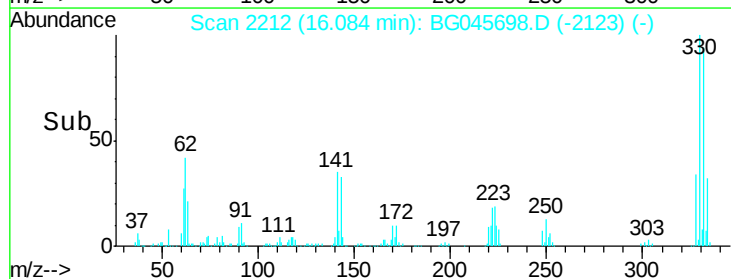
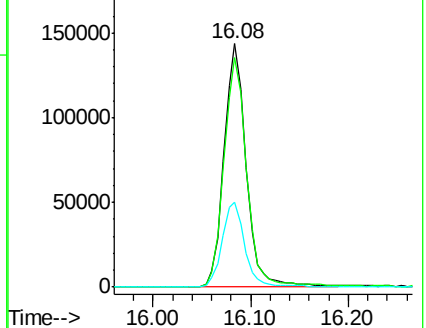
141 35.5 28.2 42.4

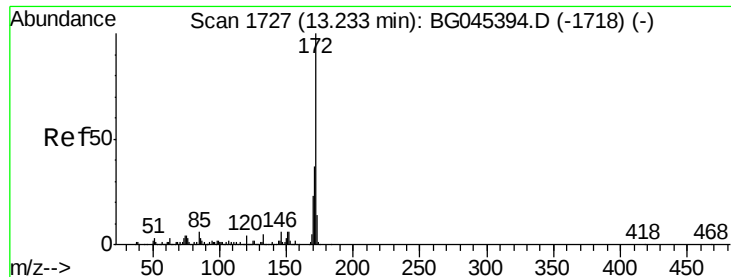


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 65.004 ng

RT: 13.21 min Scan# 1723

Delta R.T. -0.00 min

Lab File: BG045698.D

Acq: 10 Jun 2020 19:16

Instrument :

BNA_G

ClientSampleId :

72-11939

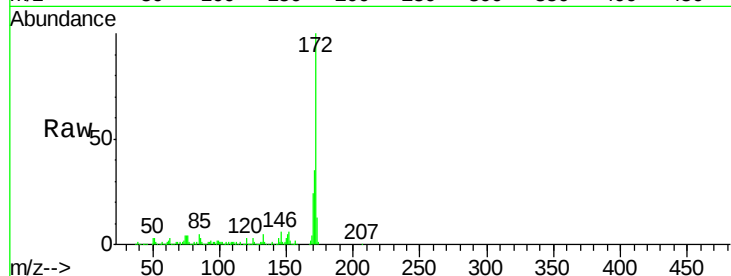
Tot Ion:172 Resp: 710073

Ion Ratio Lower Upper

172 100

171 34.5 29.5 44.3

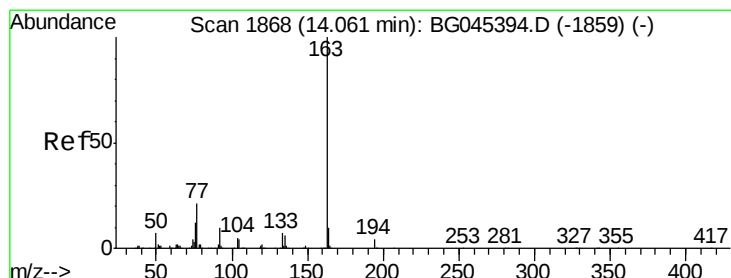
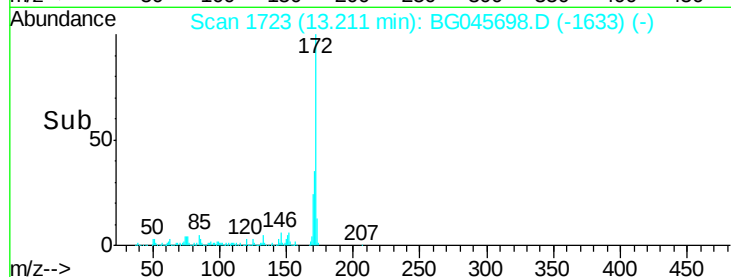
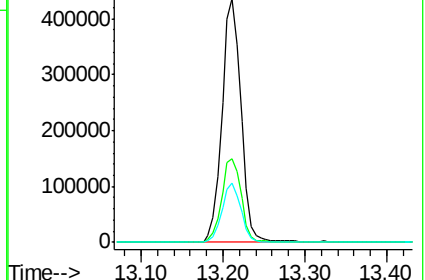
170 24.2 18.5 27.7



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: 10.357 ng

RT: 14.04 min Scan# 1864

Delta R.T. -0.02 min

Lab File: BG045698.D

Acq: 10 Jun 2020 19:16

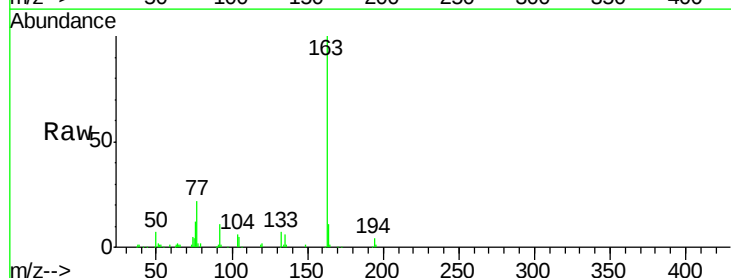
Tgt Ion:163 Resp: 131638

Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

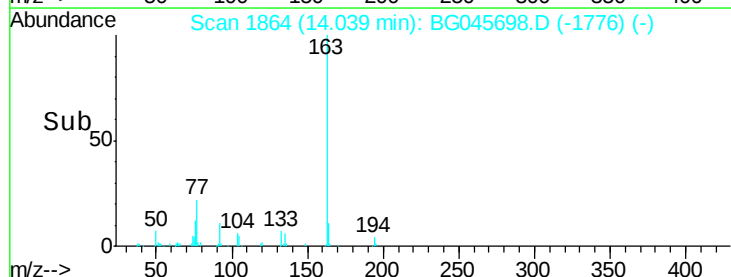
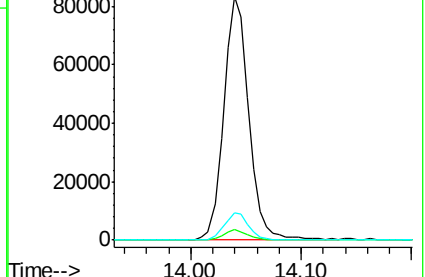
164 11.2 8.3 12.5

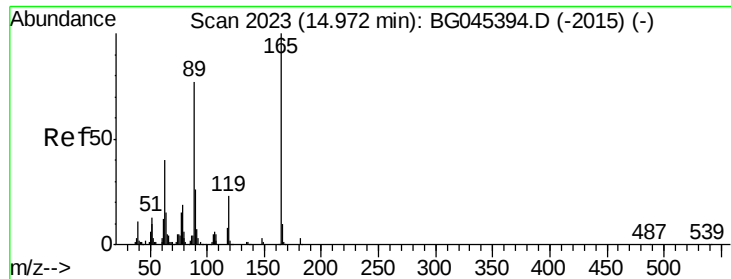


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

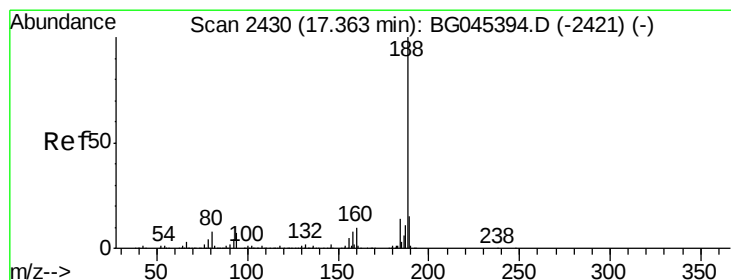
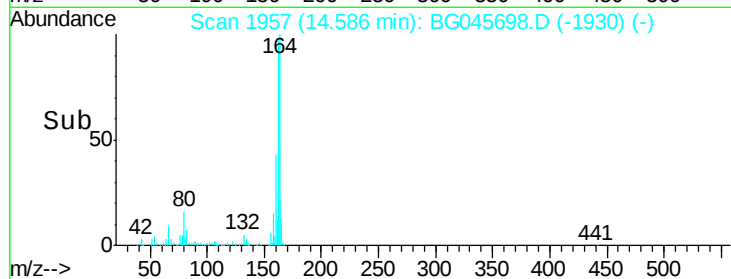
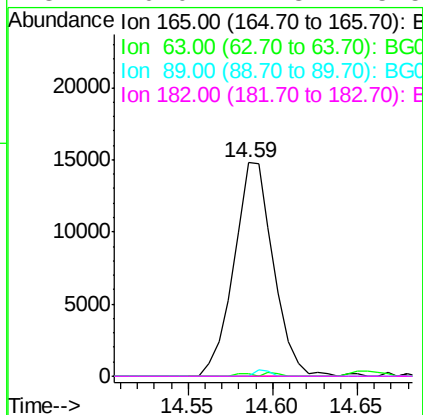
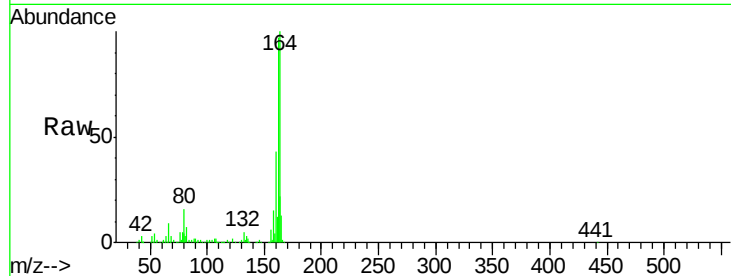




#57
 2,4-Dinitrotoluene
 Concen: 5.769 ng
 RT: 14.59 min Scan# 1957
 Delta R.T. -0.37 min
 Lab File: BG045698.D
 Acq: 10 Jun 2020 19:16

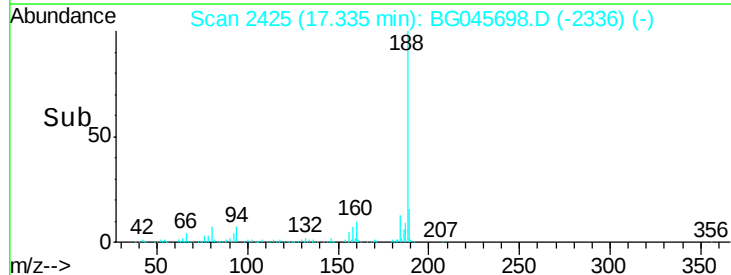
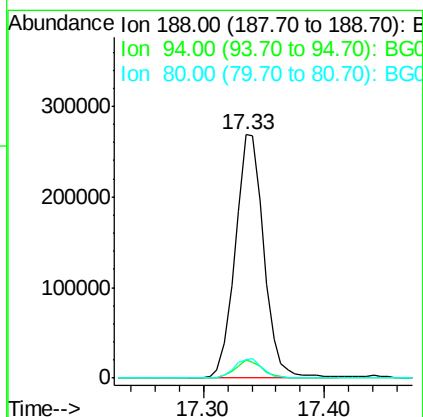
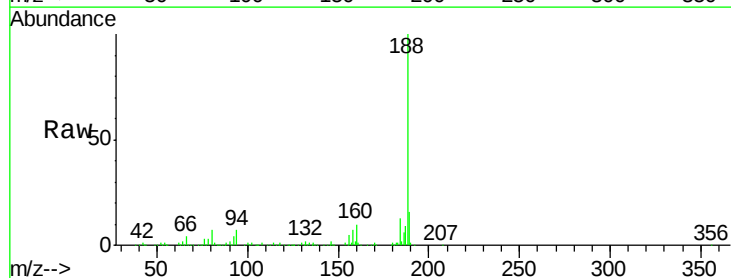
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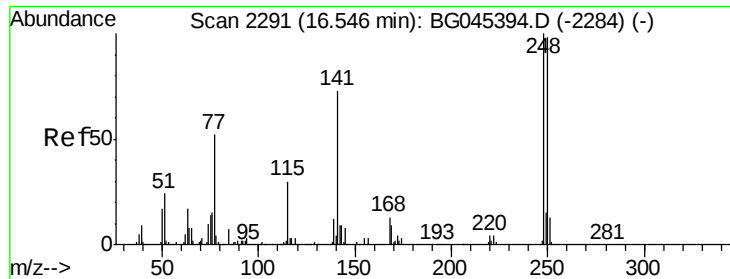
Tot Ion:165 Resp: 23963
 Ion Ratio Lower Upper
 165 100
 63 1.2 32.5 48.7#
 89 0.0 61.8 92.6#
 182 0.0 2.3 3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.33 min Scan# 2425
 Delta R.T. -0.01 min
 Lab File: BG045698.D
 Acq: 10 Jun 2020 19:16

Tgt Ion:188 Resp: 444102
 Ion Ratio Lower Upper
 188 100
 94 7.3 5.5 8.3
 80 7.4 6.6 10.0

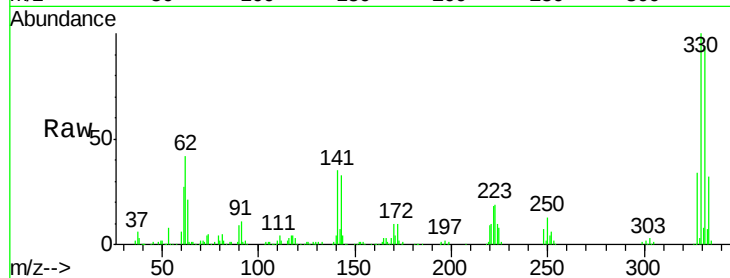




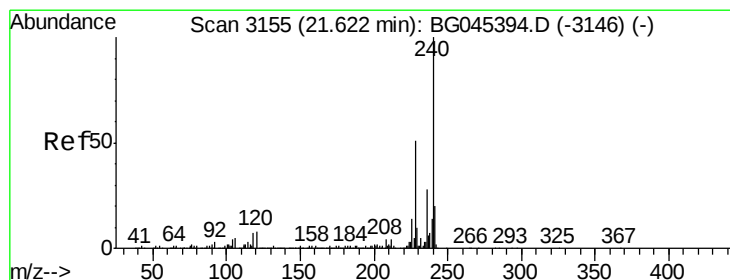
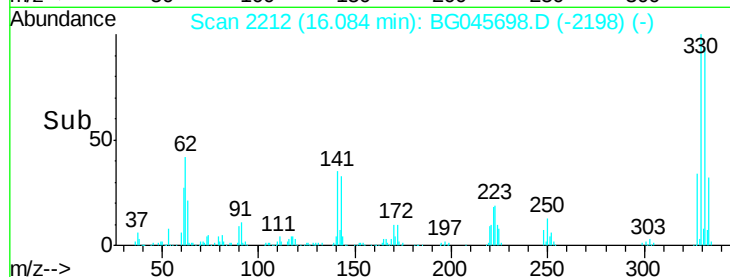
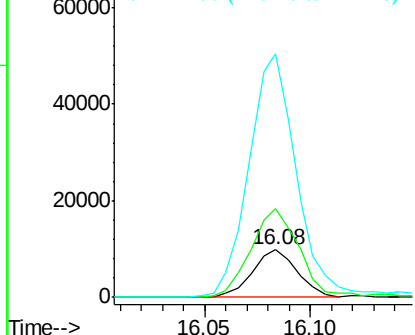
#67
4-Bromophenyl-phenylether
Concen: 3.018 ng
RT: 16.08 min Scan# 2212
Delta R.T. -0.45 min
Lab File: BG045698.D
Acq: 10 Jun 2020 19:16

Instrument :
BNA_G
ClientSampleId :
72-11939

Tot Ion:248 Resp: 14512
Ion Ratio Lower Upper
248 100
250 187.9 78.6 117.8#
141 514.1 58.2 87.2#

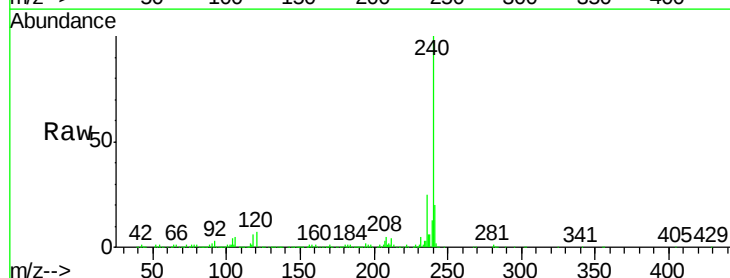


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

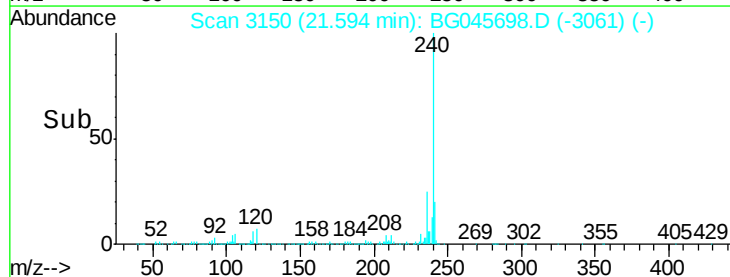
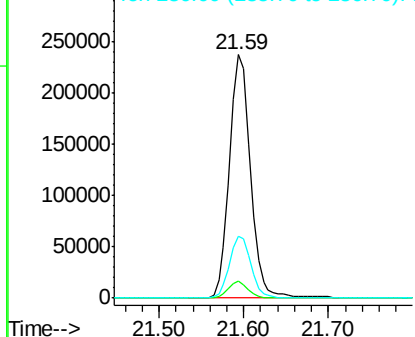


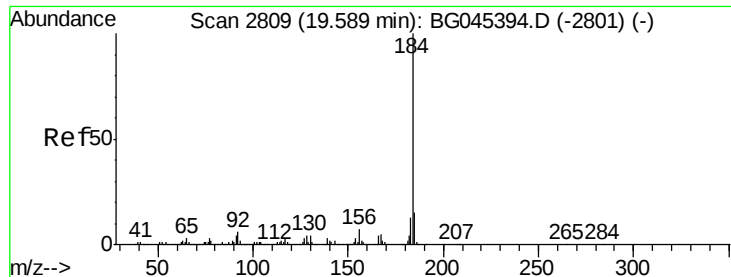
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.59 min Scan# 3150
Delta R.T. -0.01 min
Lab File: BG045698.D
Acq: 10 Jun 2020 19:16

Tgt Ion:240 Resp: 407210
Ion Ratio Lower Upper
240 100
120 6.9 6.1 9.1
236 25.2 22.3 33.5



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: 2.040 ng

RT: 19.95 min Scan# 2871

Delta R.T. 0.38 min

Lab File: BG045698.D

Acq: 10 Jun 2020 19:16

Instrument :

BNA_G

ClientSampleId :

72-11939

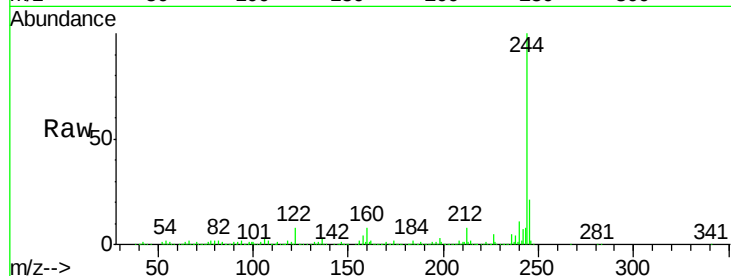
Tot Ion:184 Resp: 23330

Ion Ratio Lower Upper

184 100

185 15.1 11.7 17.5

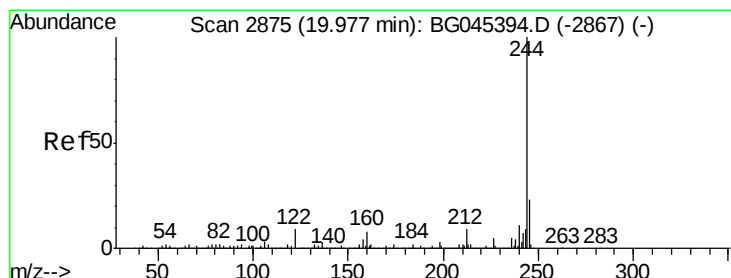
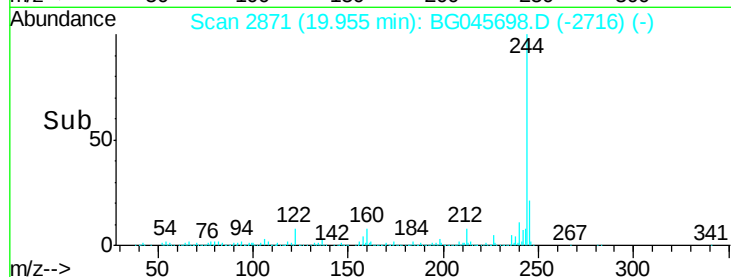
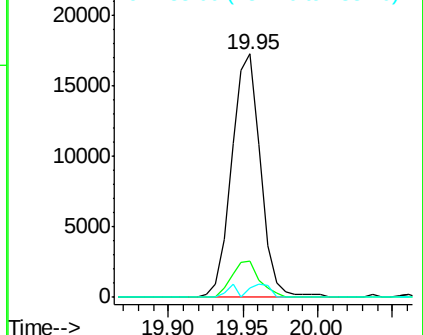
183 4.1 10.2 15.4#



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: 69.938 ng

RT: 19.95 min Scan# 2871

Delta R.T. -0.00 min

Lab File: BG045698.D

Acq: 10 Jun 2020 19:16

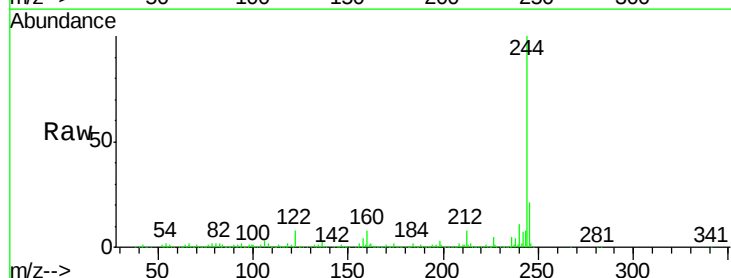
Tgt Ion:244 Resp: 1221081

Ion Ratio Lower Upper

244 100

212 8.4 7.4 11.0

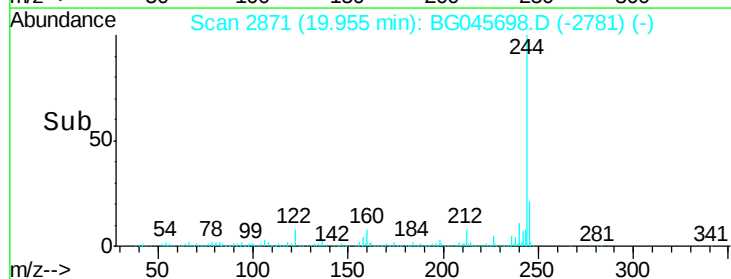
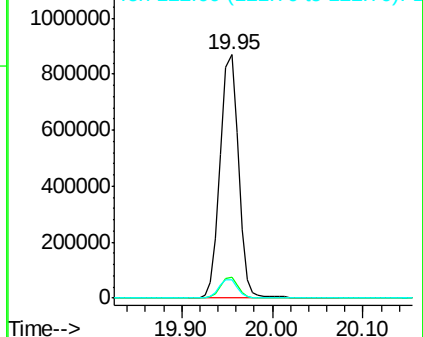
122 7.5 6.8 10.2

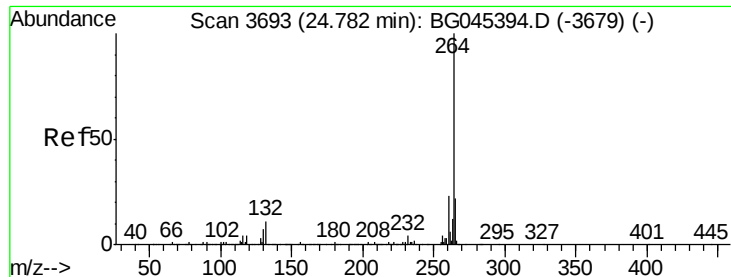


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.73 min Scan# 3684
 Delta R.T. -0.02 min
 Lab File: BG045698.D
 Acq: 10 Jun 2020 19:16

Instrument :
 BNA_G
 ClientSampleId :
 72-11939

Tot Ion:	264	Resp:	439751
Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.2	27.4
265	21.4	17.6	26.4

