

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052920\
 Data File : BG045548.D
 Acq On : 30 May 2020 10:02
 Operator : CG/JU
 Sample : L2797-07
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TEST-HOLE-3-COMP

Quant Time: May 31 22:46:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 11:17:45 2020
 Response via : Initial Calibration

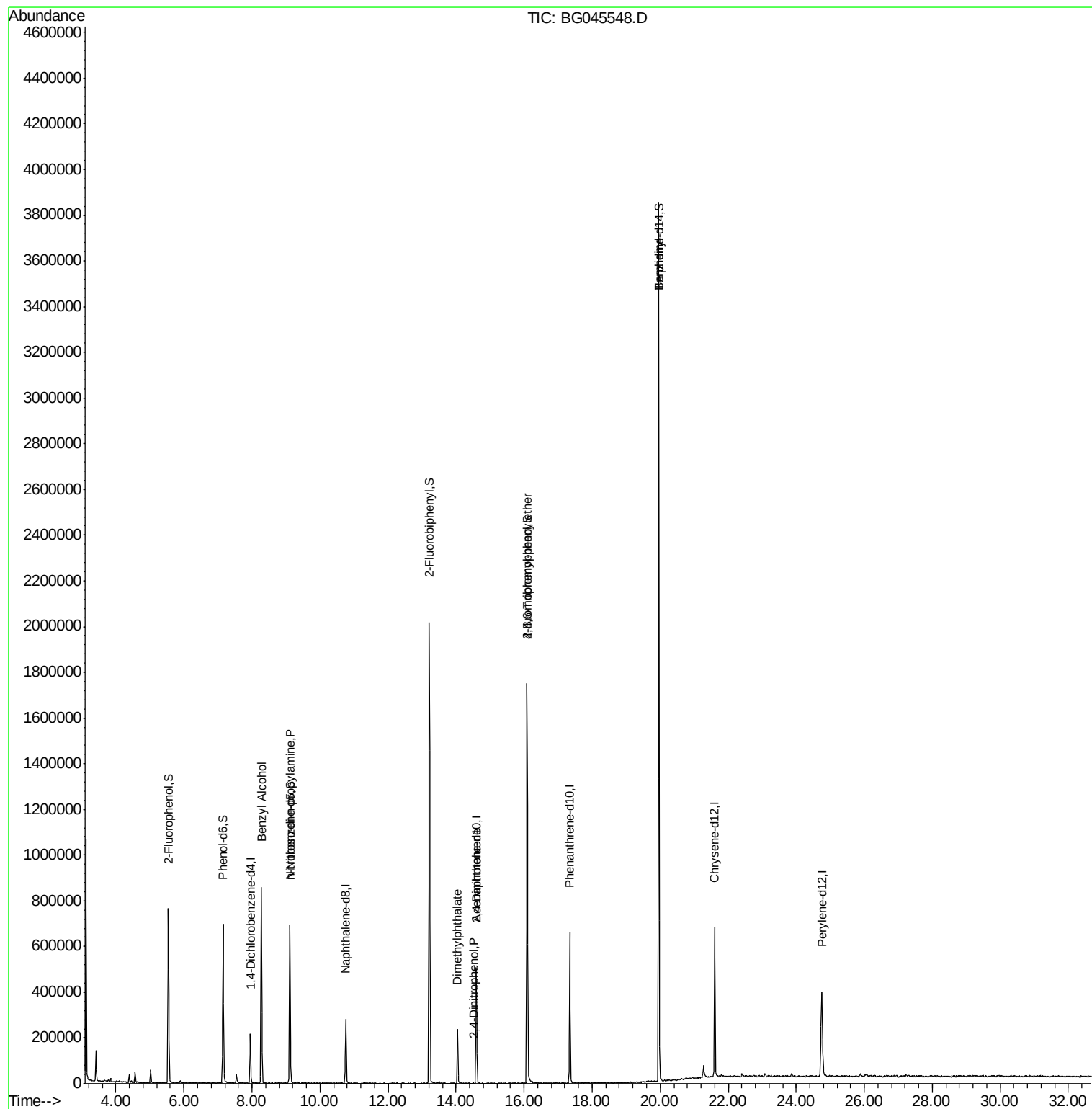
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	61987	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	251049	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	191068	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	438206	20.00	ng	0.00
76) Chrysene-d12	21.60	240	418881	20.00	ng	0.00
87) Perylene-d12	24.75	264	445579	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	376551	118.72	ng	0.00
7) Phenol-d6	7.15	99	467422	103.54	ng	-0.01
23) Nitrobenzene-d5	9.12	82	481146	104.51	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	376372	154.03	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1133566	100.63	ng	0.00
79) Terphenyl-d14	19.96	244	1901506	105.87	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.28	79	8115	2.176	ng	# 44
19) n-Nitroso-di-n-propylamine	9.12	70	66343	21.251	ng	# 82
50) Dimethylphthalate	14.04	163	170011	12.971	ng	# 98
54) 2,4-Dinitrophenol	14.51	184	54	5.485	ng	# 17
57) 2,4-Dinitrotoluene	14.60	165	25231	5.890	ng	# 22
67) 4-Bromophenyl-phenylether	16.09	248	25594	5.394	ng	# 1
77) Benzidine	19.96	184	36428	3.096	ng	# 90

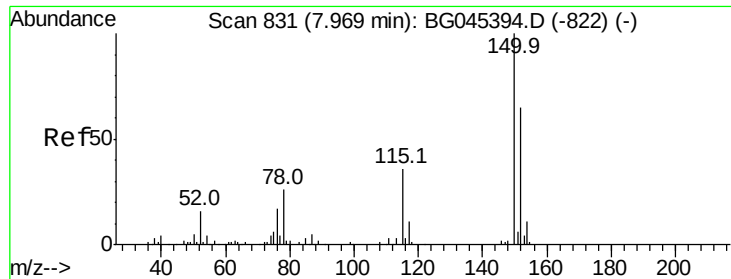
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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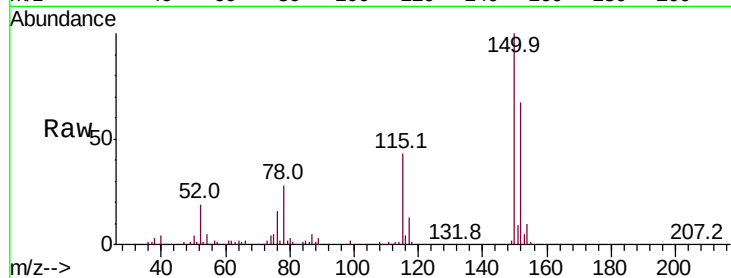


#1

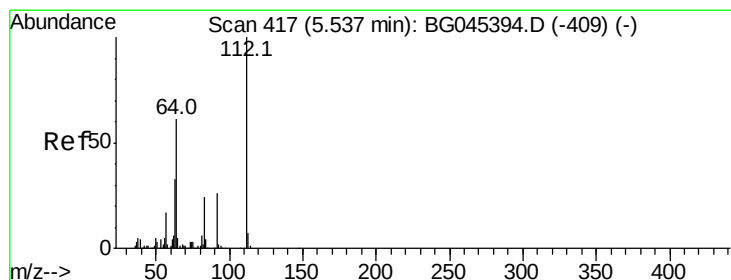
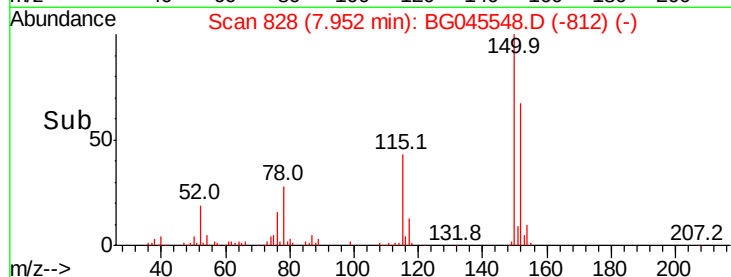
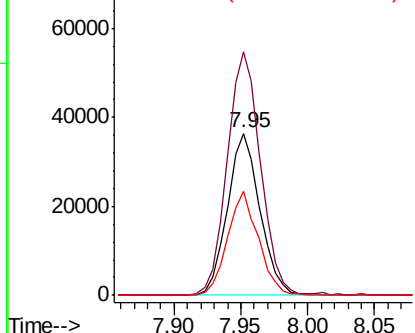
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.01 min
Lab File: BG045548.D
Acq: 30 May 2020 10:02

Instrument :
BNA_G
ClientSampleId :
TEST-HOLE-3-COMP

Tot Ion:152 Resp: 61987
Ion Ratio Lower Upper
152 100
150 150.3 122.4 183.6
115 64.1 44.2 66.4



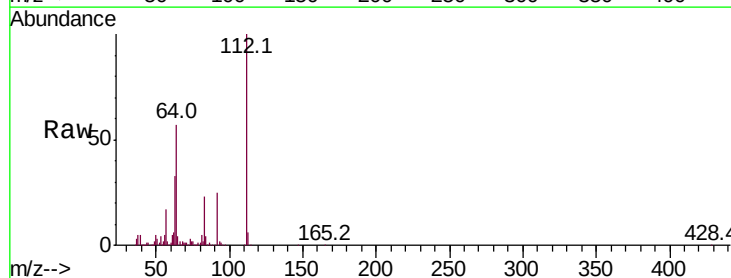
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



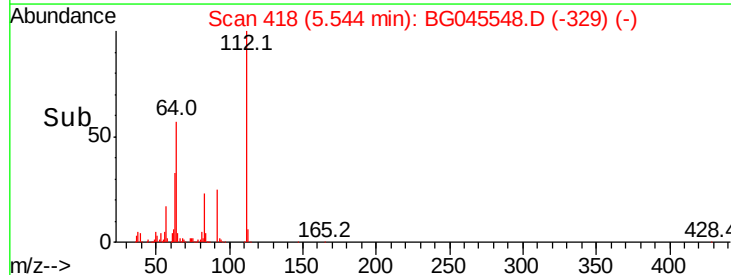
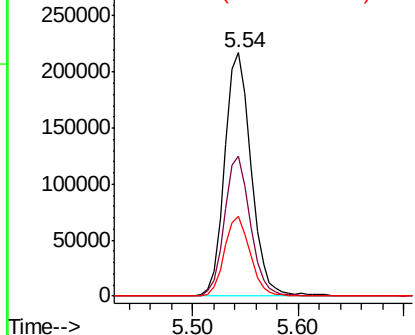
#5

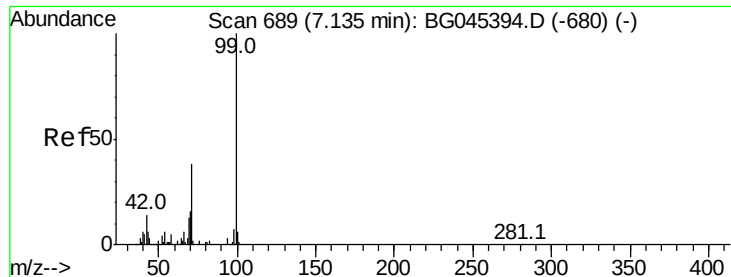
2-Fluorophenol
Concen: 118.717 ng
RT: 5.54 min Scan# 418
Delta R.T. -0.01 min
Lab File: BG045548.D
Acq: 30 May 2020 10:02

Tgt Ion:112 Resp: 376551
Ion Ratio Lower Upper
112 100
64 57.5 48.6 72.8
63 32.6 26.5 39.7



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: 103.539 ng

RT: 7.15 min Scan# 692

Delta R.T. -0.01 min

Lab File: BG045548.D

Acq: 30 May 2020 10:02

Instrument :

BNA_G

ClientSampleId :

TEST-HOLE-3-COMP

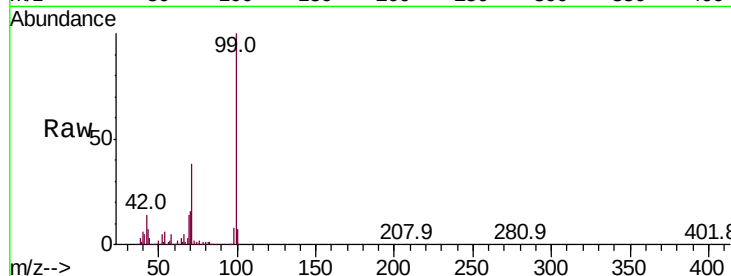
Tot Ion: 99 Resp: 467422

Ion Ratio Lower Upper

99 100

42 14.2 11.3 16.9

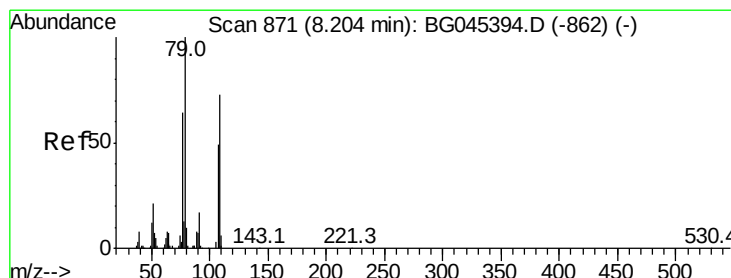
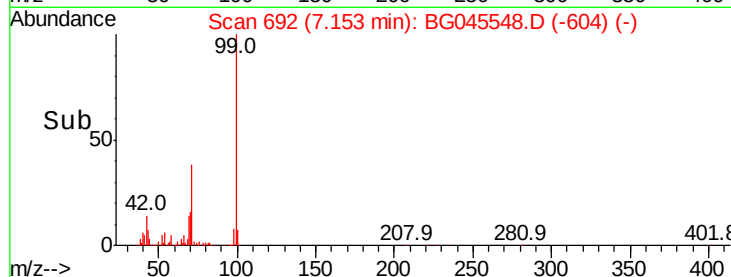
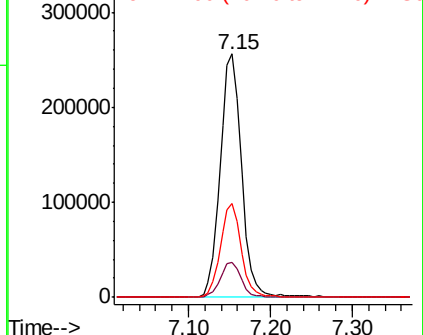
71 38.5 30.8 46.2



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



#15

Benzyl Alcohol

Concen: 2.176 ng

RT: 8.28 min Scan# 883

Delta R.T. 0.07 min

Lab File: BG045548.D

Acq: 30 May 2020 10:02

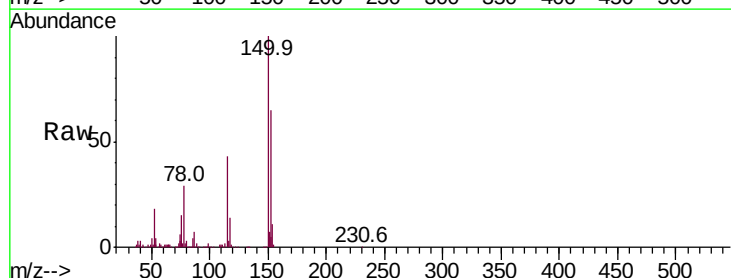
Tgt Ion: 79 Resp: 8115

Ion Ratio Lower Upper

79 100

108 32.8 58.2 87.4#

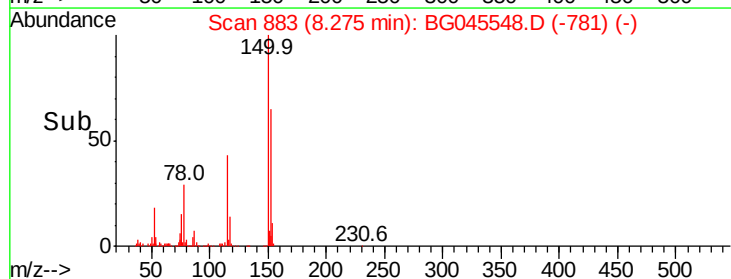
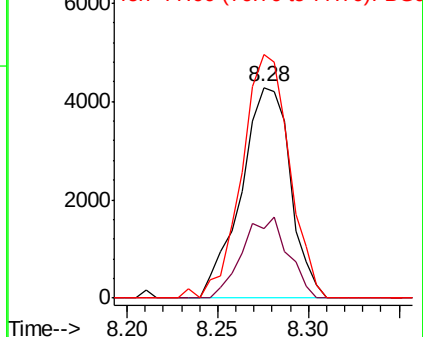
77 115.5 51.0 76.4#

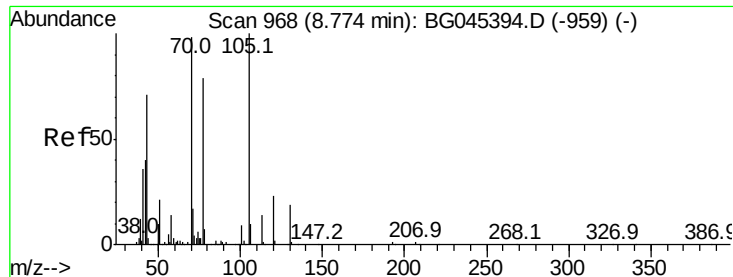


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

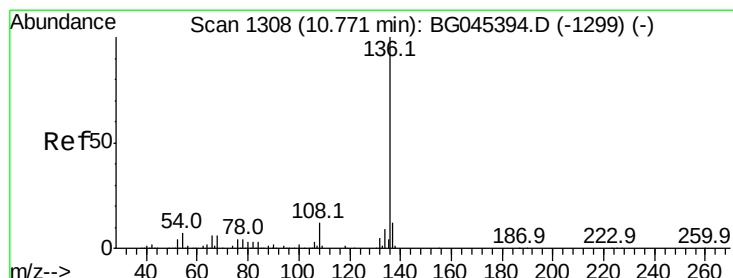
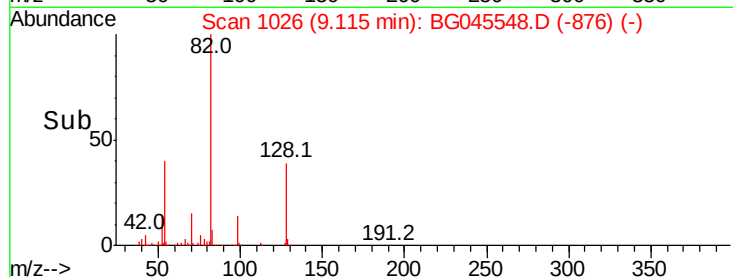
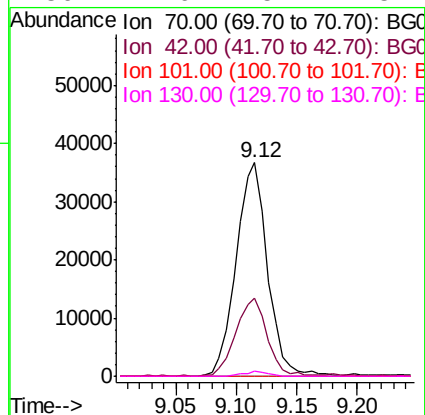
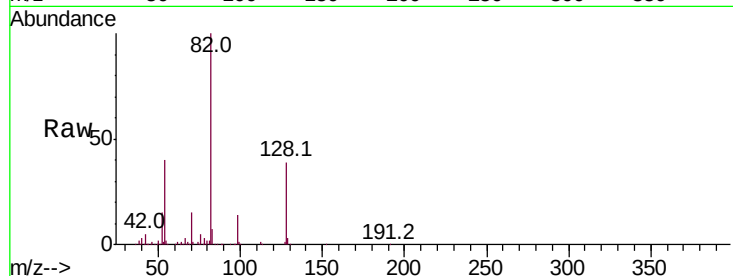




#19
n-Nitroso-di-n-propylamine
Concen: 21.251 ng
RT: 9.12 min Scan# 1026
Delta R.T. 0.35 min
Lab File: BG045548.D
Acq: 30 May 2020 10:02

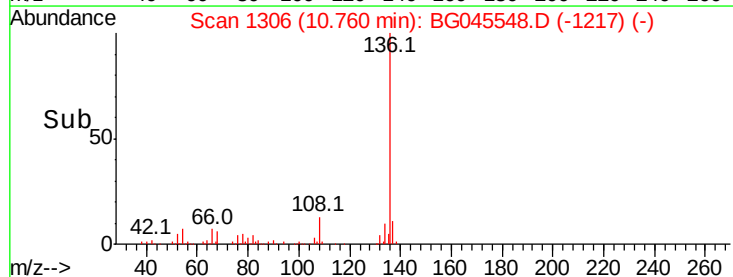
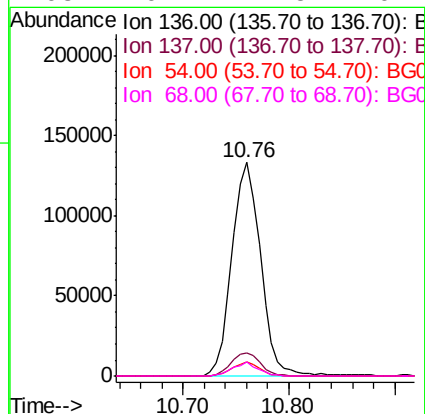
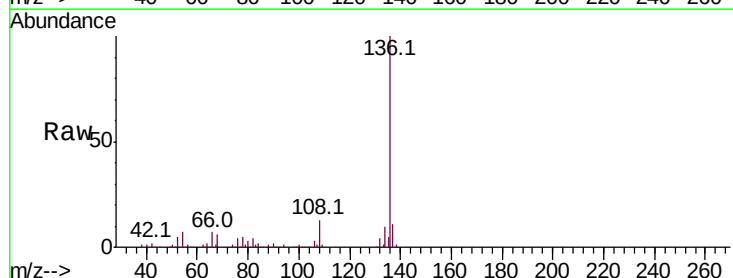
Instrument :
BNA_G
ClientSampleId :
TEST-HOLE-3-COMP

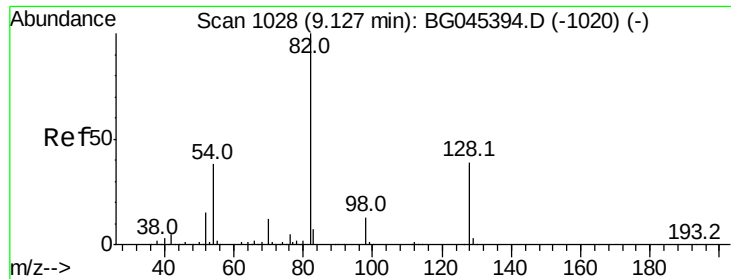
Tot Ion: 70 Resp: 66343
Ion Ratio Lower Upper
70 100
42 36.7 33.2 49.8
101 0.0 7.8 11.6#
130 2.6 15.4 23.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BG045548.D
Acq: 30 May 2020 10:02

Tgt Ion: 136 Resp: 251049
Ion Ratio Lower Upper
136 100
137 10.7 9.4 14.2
54 6.6 5.8 8.6
68 6.4 4.5 6.7

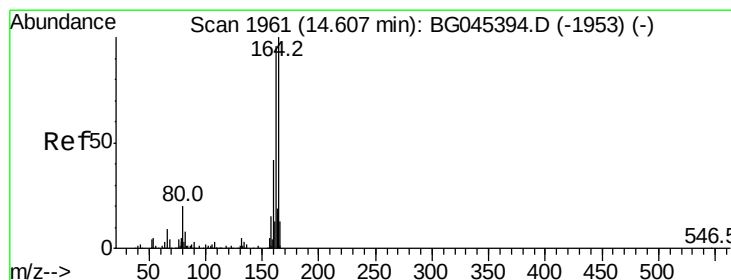
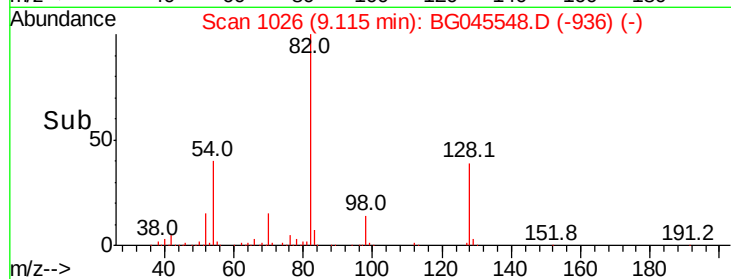
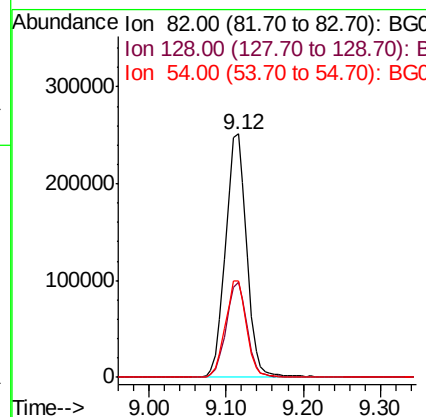
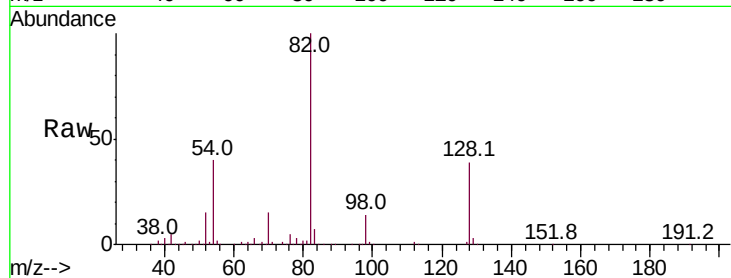




#23
Nitrobenzene-d5
Concen: 104.512 ng
RT: 9.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BG045548.D
Acq: 30 May 2020 10:02

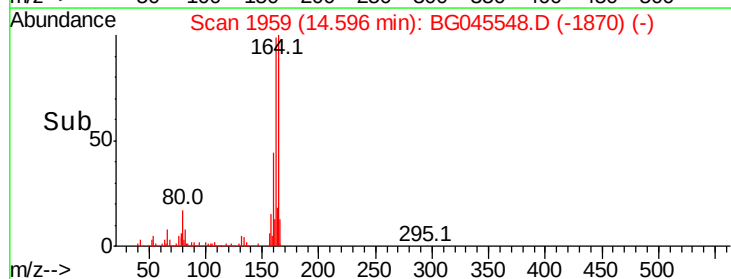
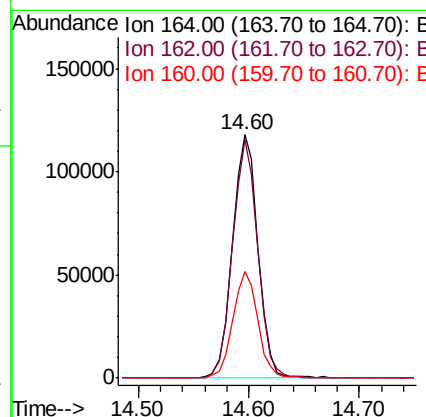
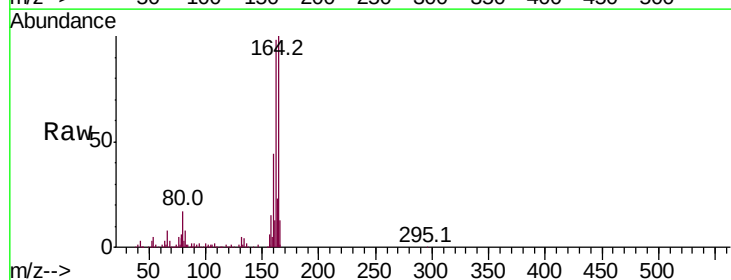
Instrument :
BNA_G
ClientSampleId :
TEST-HOLE-3-COMP

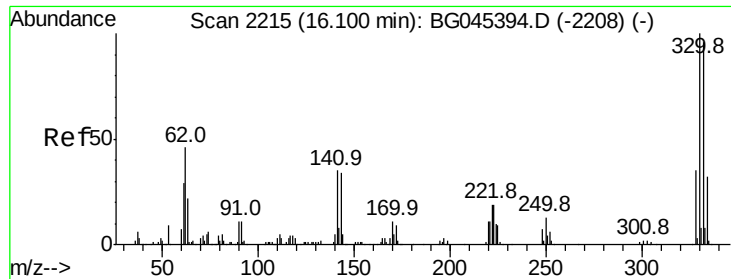
Tot Ion	Ratio	Lower	Upper
82	100		
128	39.2	30.9	46.3
54	39.8	30.3	45.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.60 min Scan# 1959
Delta R.T. -0.01 min
Lab File: BG045548.D
Acq: 30 May 2020 10:02

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.0	76.9	115.3
160	44.0	33.8	50.8

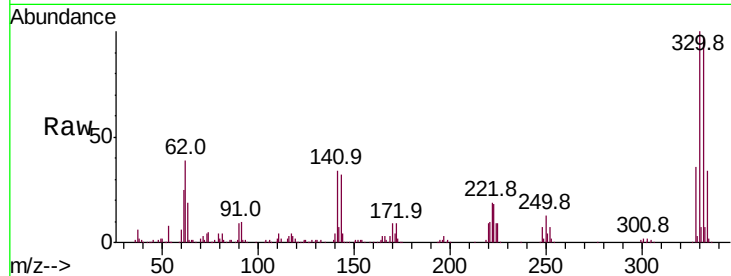




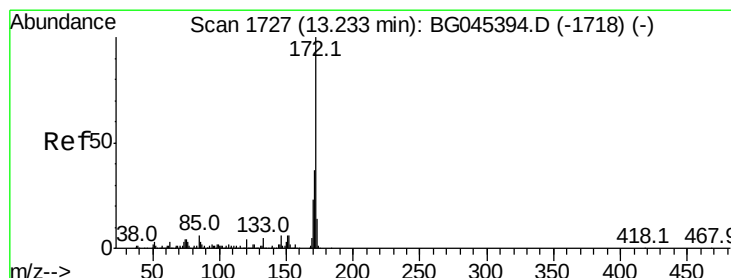
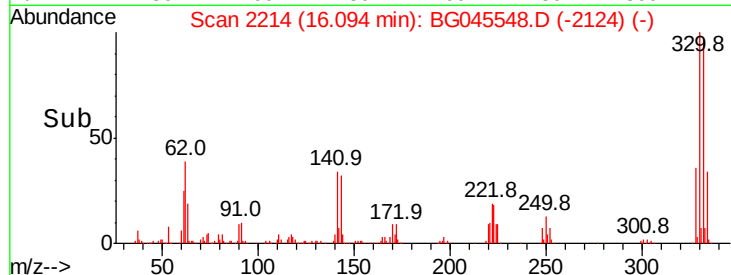
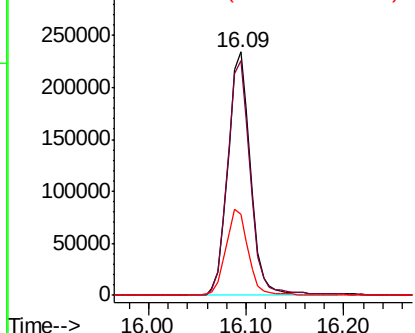
#42
 2,4,6-Tribromophenol
 Concen: 154.027 ng
 RT: 16.09 min Scan# 2214
 Delta R.T. -0.00 min
 Lab File: BG045548.D
 Acq: 30 May 2020 10:02

Instrument :
 BNA_G
 ClientSampleId :
 TEST-HOLE-3-COMP

Tot Ion:330 Resp: 376372
 Ion Ratio Lower Upper
 330 100
 332 97.7 78.2 117.4
 141 35.4 28.2 42.4

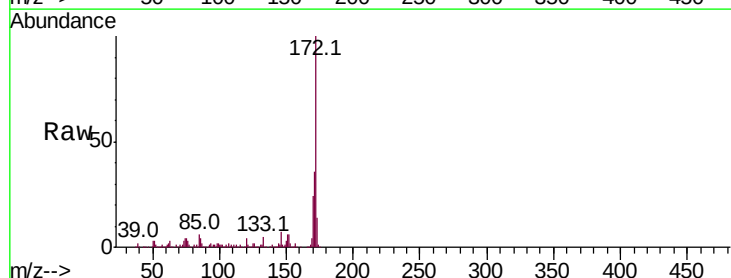


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

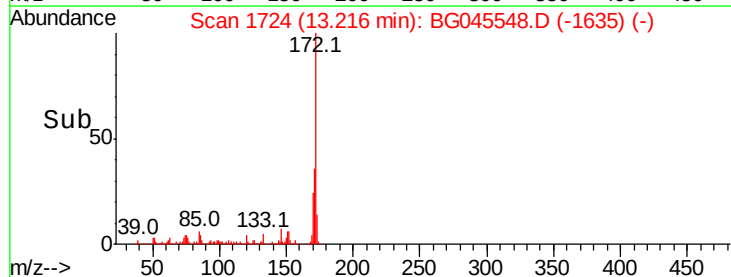
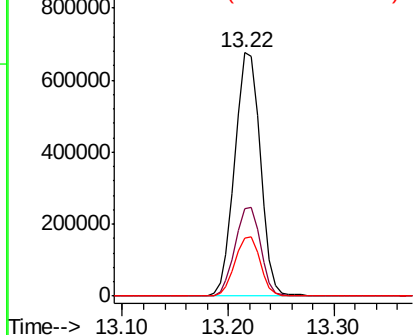


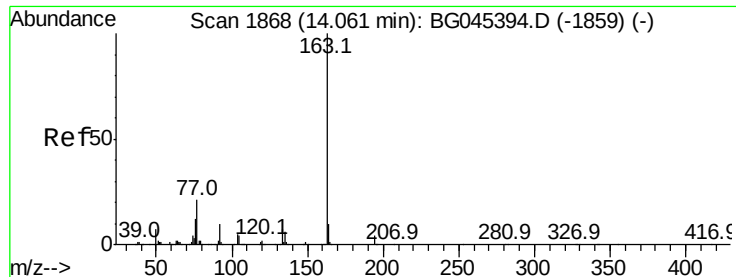
#45
 2-Fluorobiphenyl
 Concen: 100.632 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. -0.01 min
 Lab File: BG045548.D
 Acq: 30 May 2020 10:02

Tgt Ion:172 Resp: 1133566
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.5 44.3
 170 23.7 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: 12.971 ng

RT: 14.04 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BG045548.D

Acq: 30 May 2020 10:02

Instrument :

BNA_G

ClientSampleId :

TEST-HOLE-3-COMP

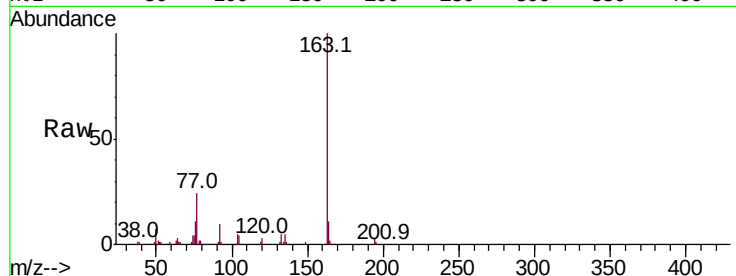
Tot Ion:163 Resp: 170011

Ion Ratio Lower Upper

163 100

194 3.5 3.2 4.8

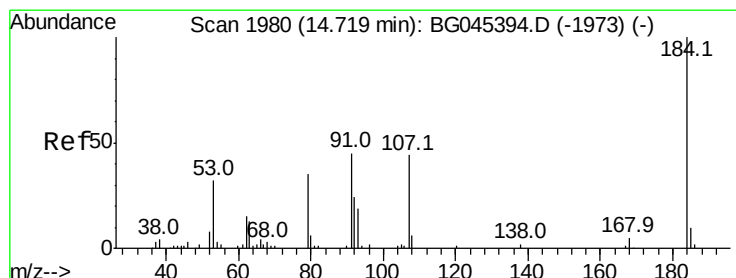
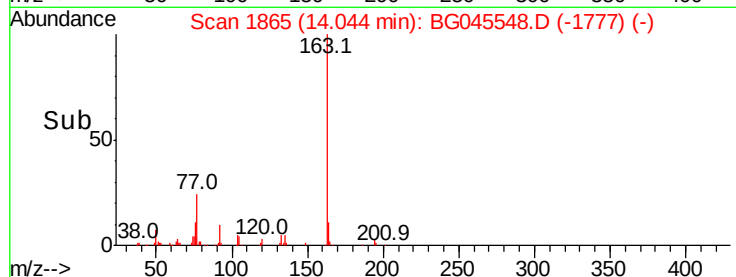
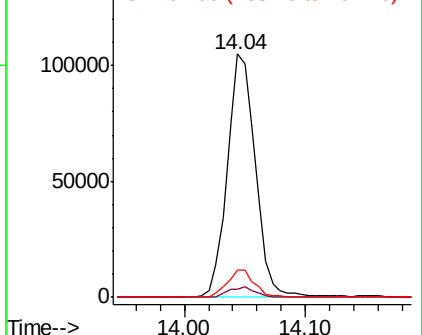
164 11.0 8.3 12.5



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



#54

2,4-Dinitrophenol

Concen: 5.485 ng

RT: 14.51 min Scan# 1945

Delta R.T. -0.20 min

Lab File: BG045548.D

Acq: 30 May 2020 10:02

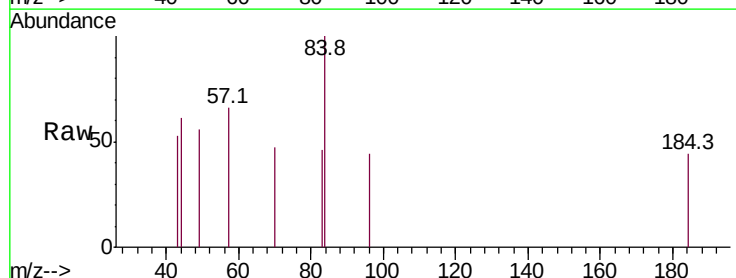
Tgt Ion:184 Resp: 54

Ion Ratio Lower Upper

184 100

63 0.0 47.8 71.6#

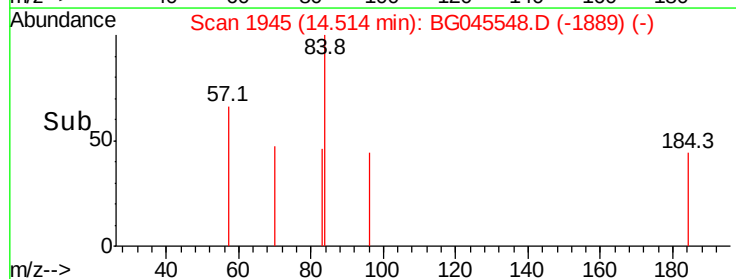
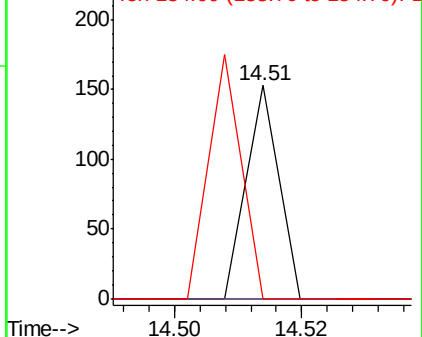
154 0.0 58.3 87.5#

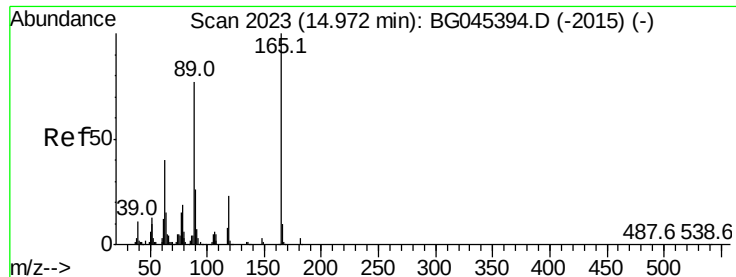


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E





#57

2,4-Dinitrotoluene

Concen: 5.890 ng

RT: 14.60 min Scan# 1959

Delta R.T. -0.37 min

Lab File: BG045548.D

Acq: 30 May 2020 10:02

Instrument :

BNA_G

ClientSampleId :

TEST-HOLE-3-COMP

Tot Ion:165 Resp: 25231

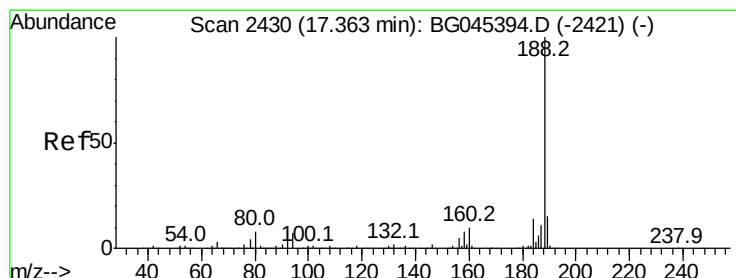
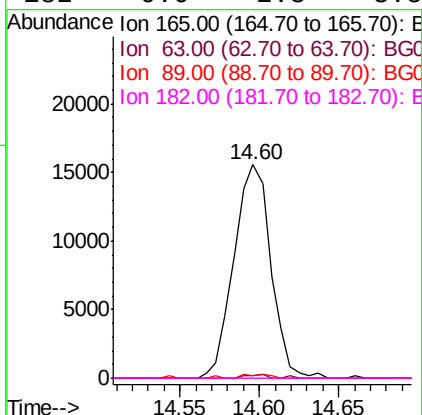
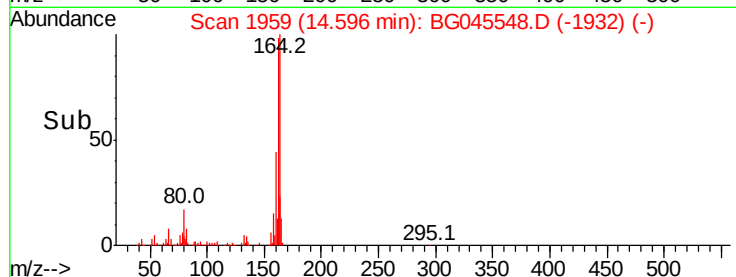
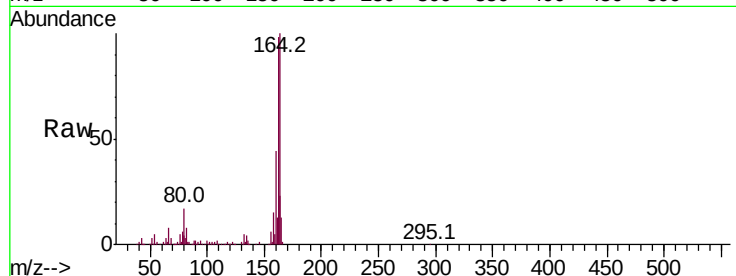
Ion Ratio Lower Upper

165 100

63 1.1 32.5 48.7#

89 1.5 61.8 92.6#

182 0.0 2.3 3.5#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.35 min Scan# 2427

Delta R.T. -0.00 min

Lab File: BG045548.D

Acq: 30 May 2020 10:02

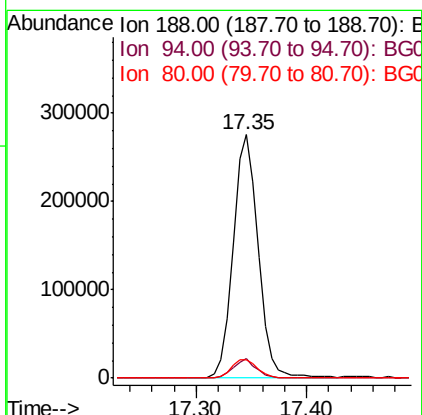
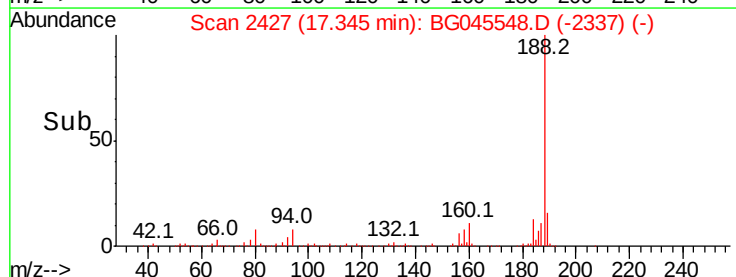
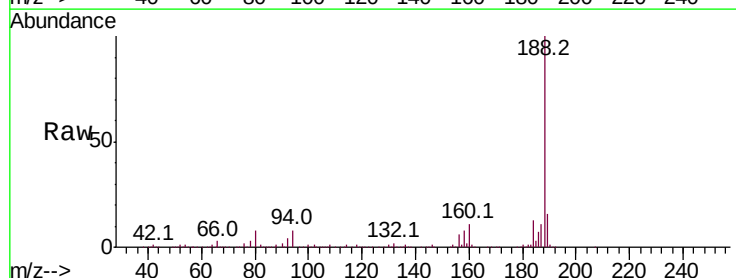
Tgt Ion:188 Resp: 438206

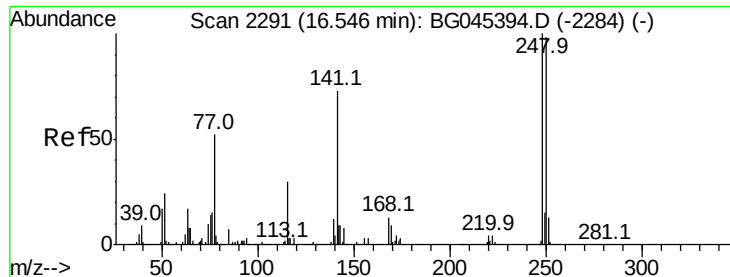
Ion Ratio Lower Upper

188 100

94 7.8 5.5 8.3

80 7.6 6.6 10.0

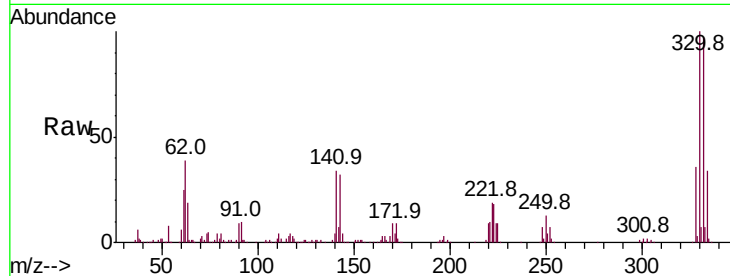




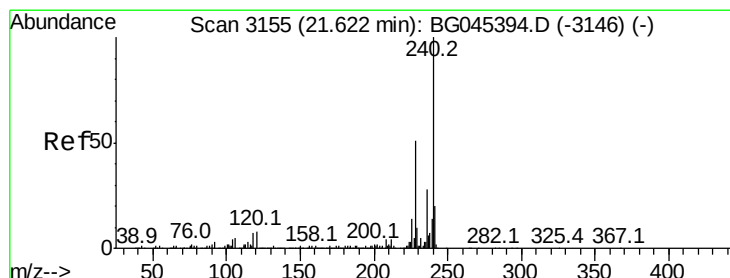
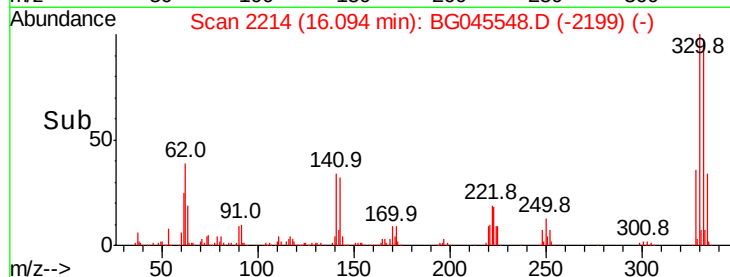
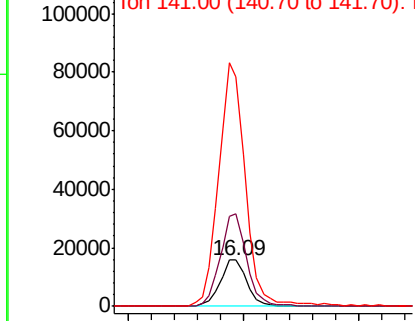
#67
 4-Bromophenyl-phenylether
 Concen: 5.394 ng
 RT: 16.09 min Scan# 2214
 Delta R.T. -0.44 min
 Lab File: BG045548.D
 Acq: 30 May 2020 10:02

Instrument :
 BNA_G
 ClientSampleId :
 TEST-HOLE-3-COMP

Tot Ion:248 Resp: 25594
 Ion Ratio Lower Upper
 248 100
 250 198.8 78.6 117.8#
 141 496.6 58.2 87.2#

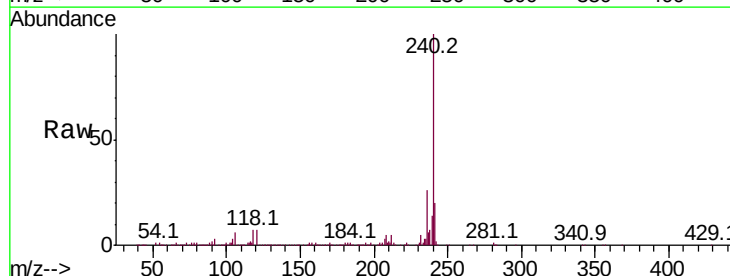


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

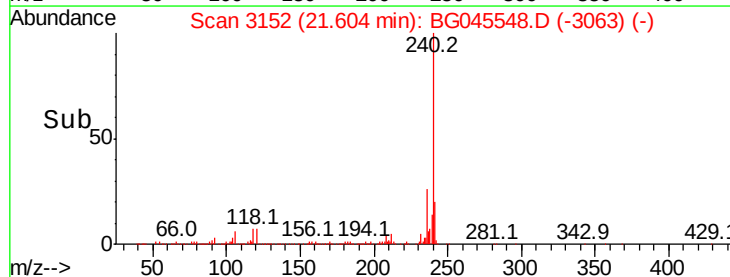
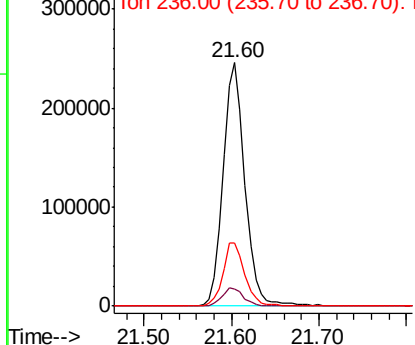


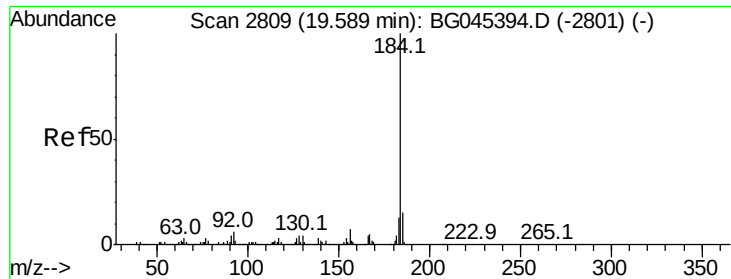
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.60 min Scan# 3152
 Delta R.T. -0.01 min
 Lab File: BG045548.D
 Acq: 30 May 2020 10:02

Tgt Ion:240 Resp: 418881
 Ion Ratio Lower Upper
 240 100
 120 7.1 6.1 9.1
 236 25.7 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: 3.096 ng

RT: 19.96 min Scan# 2872

Delta R.T. 0.38 min

Lab File: BG045548.D

Acq: 30 May 2020 10:02

Instrument :

BNA_G

ClientSampleId :

TEST-HOLE-3-COMP

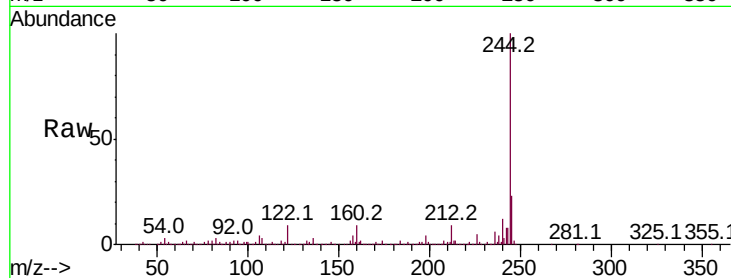
Tot Ion:184 Resp: 36428

Ion Ratio Lower Upper

184 100

185 16.0 11.7 17.5

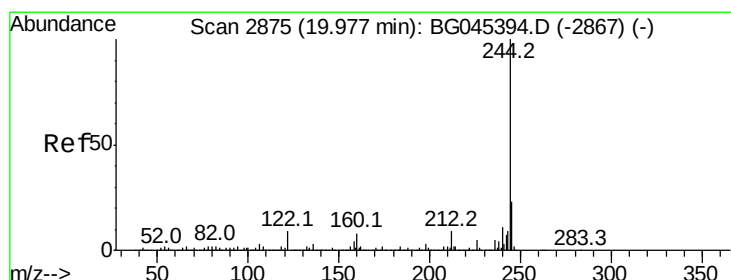
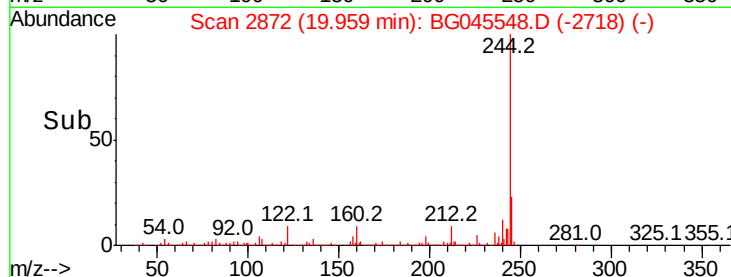
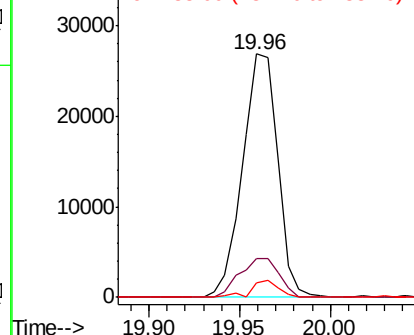
183 6.0 10.2 15.4#



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: 105.874 ng

RT: 19.96 min Scan# 2872

Delta R.T. -0.00 min

Lab File: BG045548.D

Acq: 30 May 2020 10:02

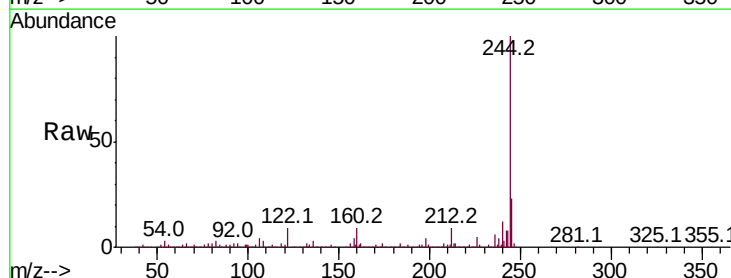
Tgt Ion:244 Resp: 1901506

Ion Ratio Lower Upper

244 100

212 9.5 7.4 11.0

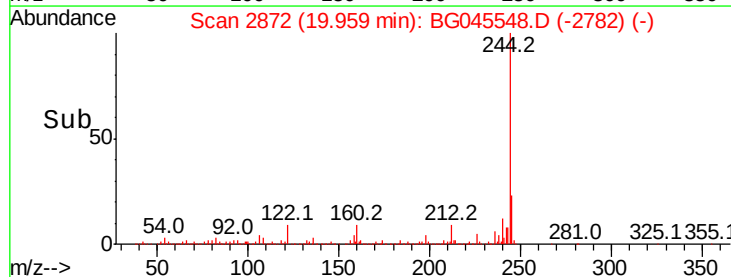
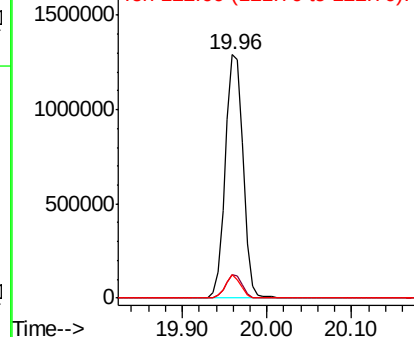
122 9.4 6.8 10.2

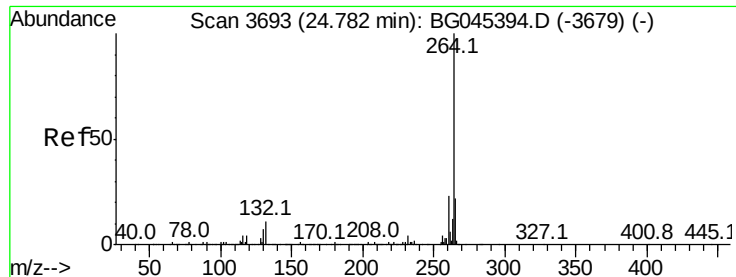


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

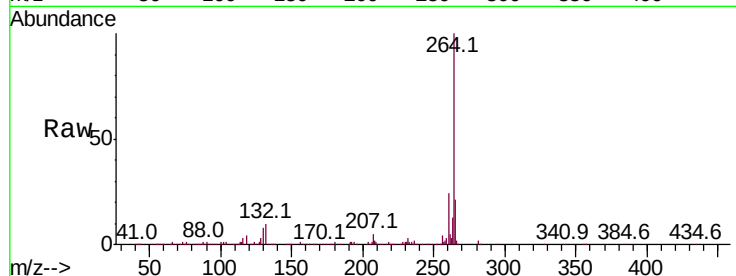




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.75 min Scan# 3688
Delta R.T. -0.00 min
Lab File: BG045548.D
Acq: 30 May 2020 10:02

Instrument :
BNA_G
ClientSampleId :
TEST-HOLE-3-COMP

Tot Ion:	264	Resp:	445579
Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.2	27.4
265	21.0	17.6	26.4



Abundance Ion 264.00 (263.70 to 264.70): E
200000 Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

