

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061120\
 Data File : BG045738.D
 Acq On : 12 Jun 2020 2:22
 Operator : CG/JU
 Sample : L2965-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BASEMENT-TAN-WALL

Quant Time: Jun 12 03:01:56 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

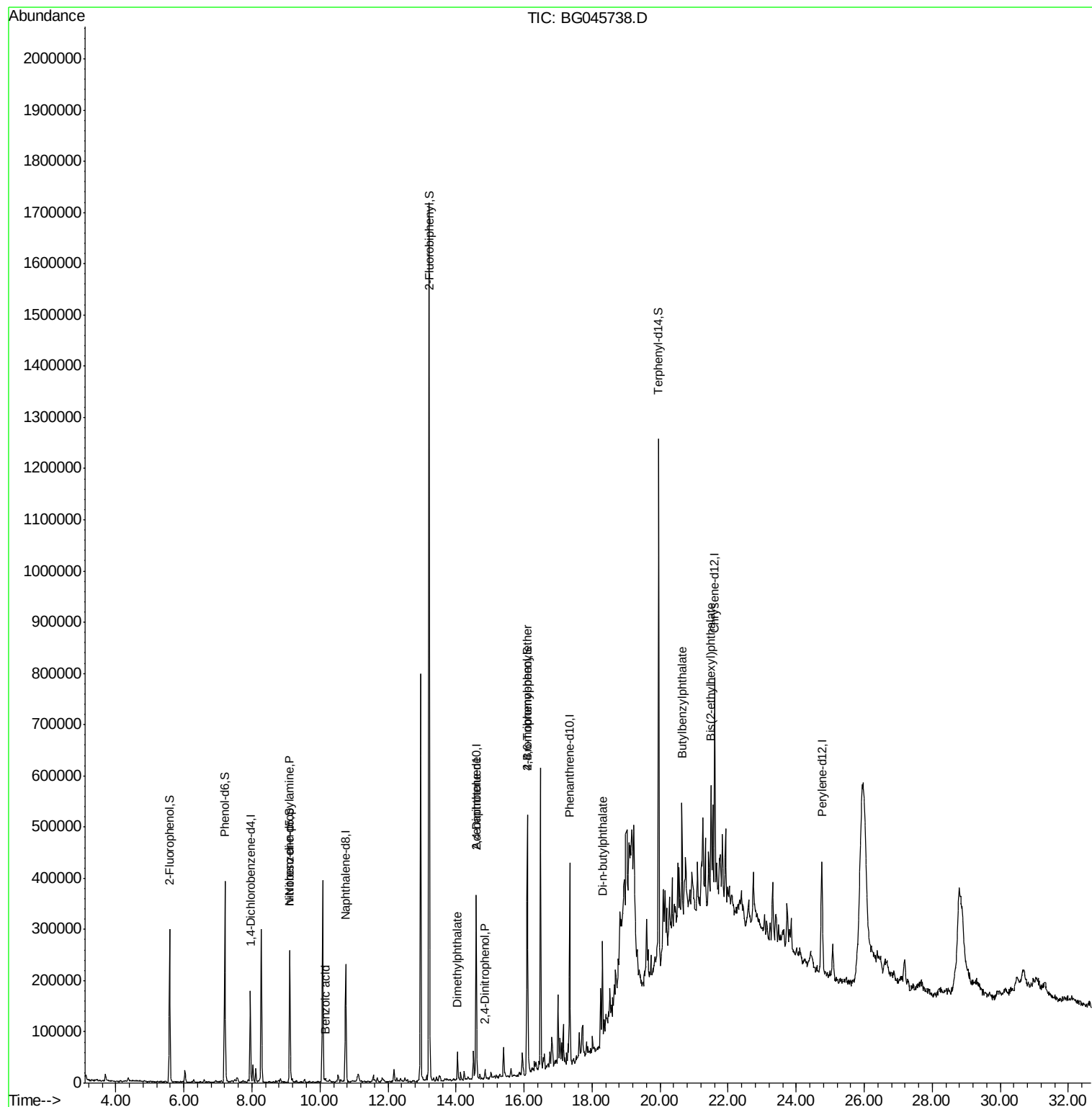
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	50836	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	198170	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	124928	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	248122	20.00	ng	0.00
76) Chrysene-d12	21.60	240	202446	20.00	ng	0.00
87) Perylene-d12	24.75	264	221410	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	151741	58.33	ng	0.04
7) Phenol-d6	7.20	99	259750	70.16	ng	0.05
23) Nitrobenzene-d5	9.11	82	170451	46.90	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	102762	64.32	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	366865	49.81	ng	0.00
79) Terphenyl-d14	19.95	244	487386	56.15	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.11	70	24830	9.698	ng	# 80
32) Benzoic acid	10.16	122	635	10.321	ng	# 89
50) Dimethylphthalate	14.05	163	34843	4.066	ng	99
54) 2,4-Dinitrophenol	14.85	184	61	5.504	ng	# 17
57) 2,4-Dinitrotoluene	14.59	165	17385	6.207	ng	# 26
67) 4-Bromophenyl-phenylether	16.09	248	6932	2.580	ng	# 1
74) Di-n-butylphthalate	18.30	149	135022	10.610	ng	99
80) Butylbenzylphthalate	20.64	149	63736	12.795	ng	92
84) Bis(2-ethylhexyl)phthalate	21.49	149	95837	13.996	ng	99

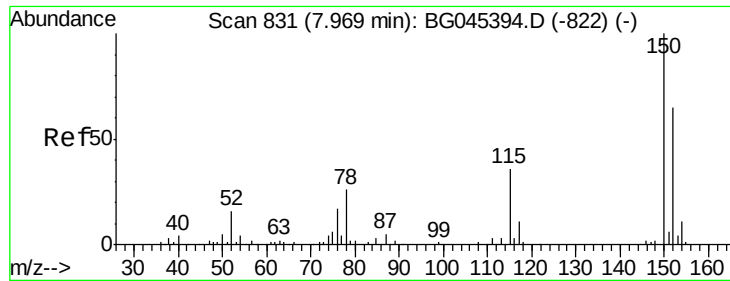
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061120\
Data File : BG045738.D
Acq On : 12 Jun 2020 2:22
Operator : CG/JU
Sample : L2965-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BASEMENT-TAN-WALL

Quant Time: Jun 12 03:01:56 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



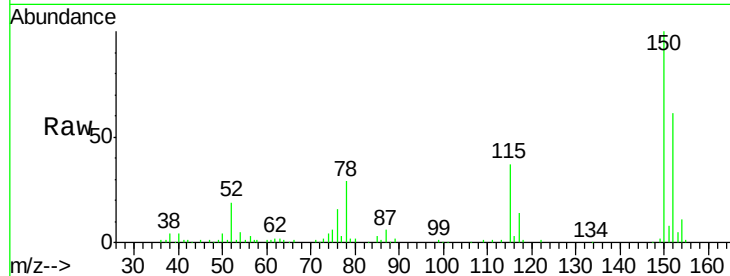


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. 0.00 min
Lab File: BG045738.D
Acq: 12 Jun 2020 2:22

Instrument :
BNA_G
ClientSampleId :
BASEMENT-TAN-WALL

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.8	122.4	183.6
115	59.8	44.2	66.4

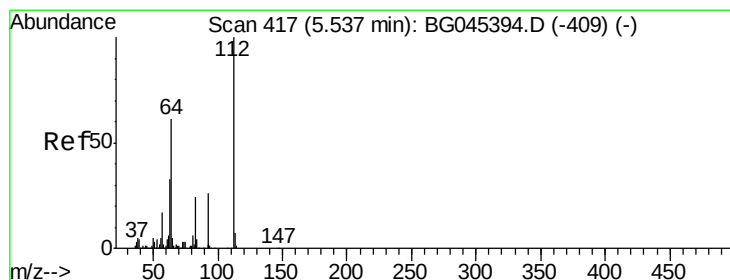
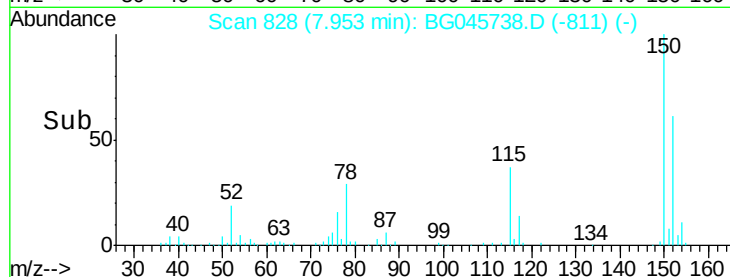
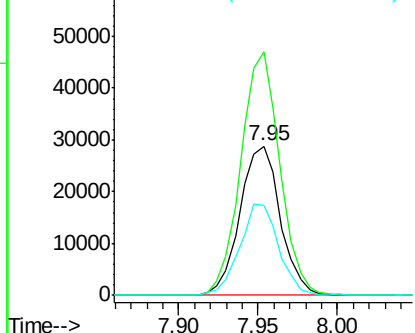


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

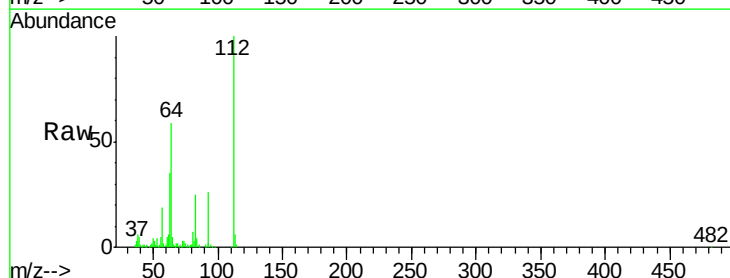
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 58.334 ng
RT: 5.58 min Scan# 424
Delta R.T. 0.04 min
Lab File: BG045738.D
Acq: 12 Jun 2020 2:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.7	48.6	72.8
63	34.6	26.5	39.7

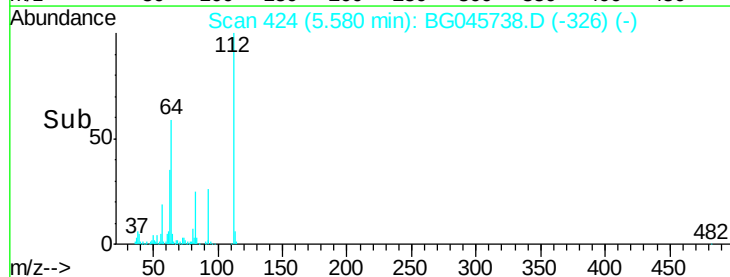
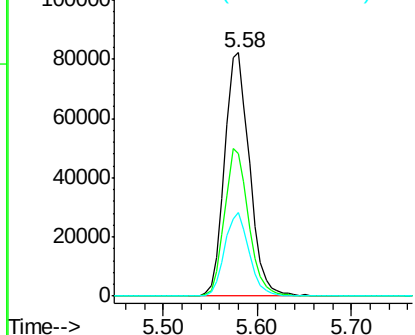


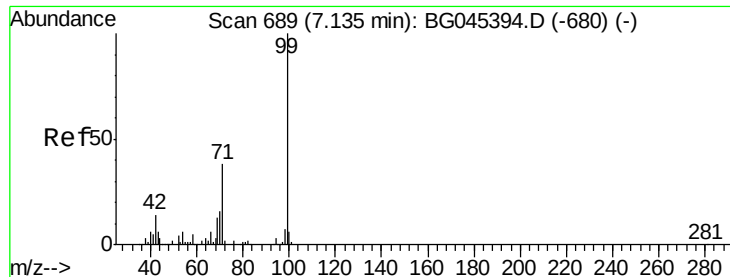
Abundance

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: 70.158 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.05 min

Lab File: BG045738.D

Acq: 12 Jun 2020 2:22

Instrument :

BNA_G

ClientSampleId :

BASEMENT-TAN-WALL

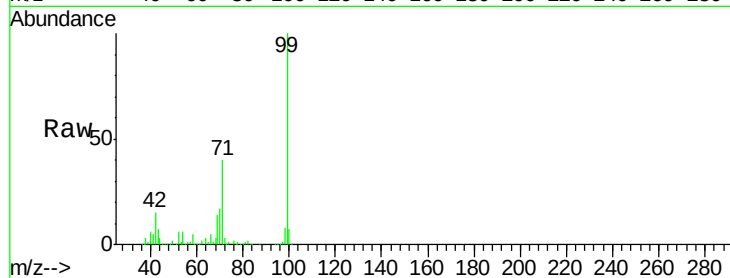
Tot Ion: 99 Resp: 259750

Ion Ratio Lower Upper

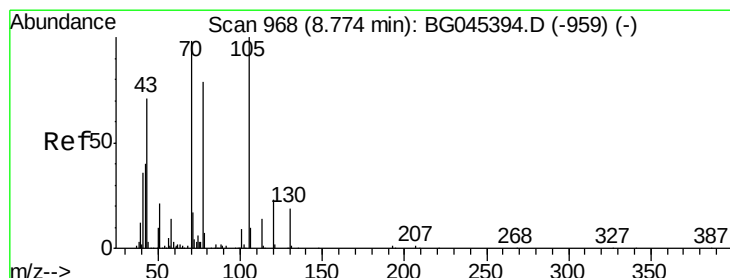
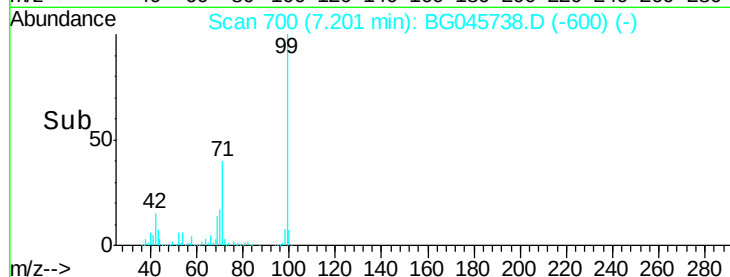
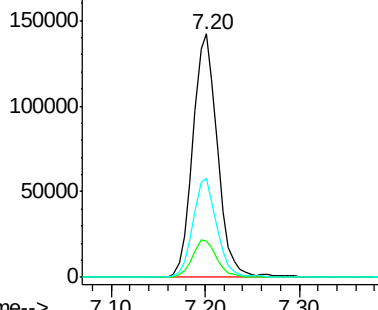
99 100

42 15.1 11.3 16.9

71 40.4 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: 9.698 ng

RT: 9.11 min Scan# 1025

Delta R.T. 0.35 min

Lab File: BG045738.D

Acq: 12 Jun 2020 2:22

Tgt Ion: 70 Resp: 24830

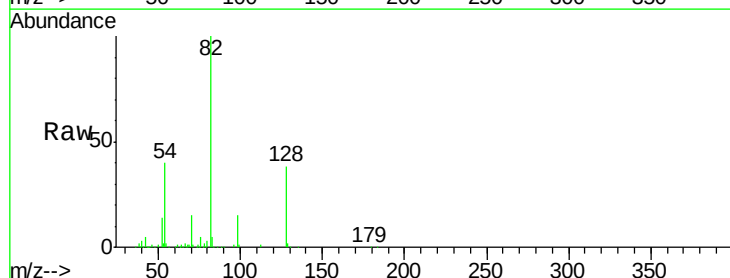
Ion Ratio Lower Upper

70 100

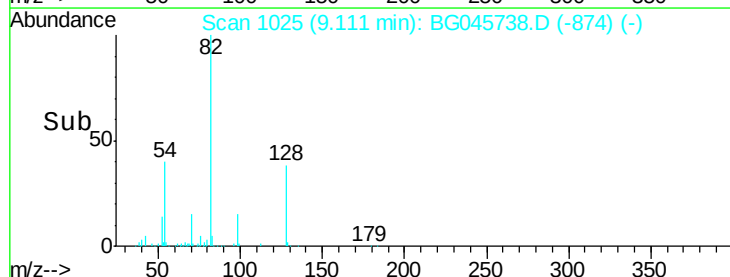
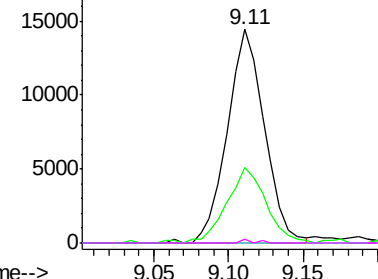
42 35.4 33.2 49.8

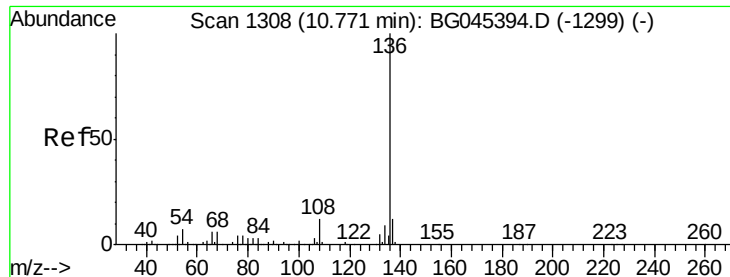
101 0.0 7.8 11.6#

130 1.6 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

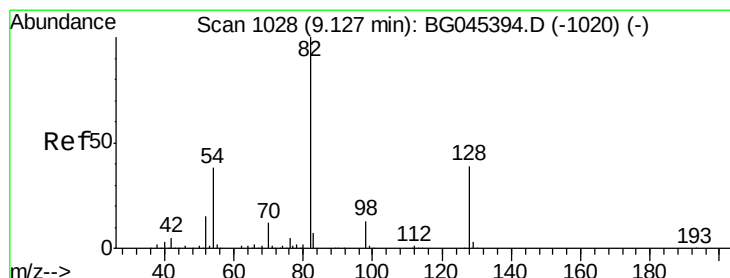
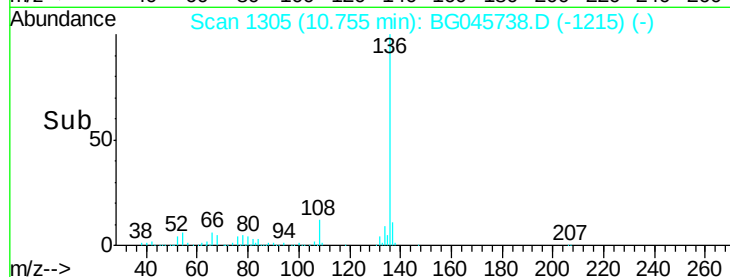
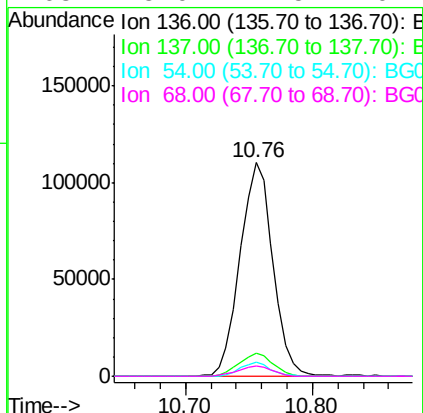
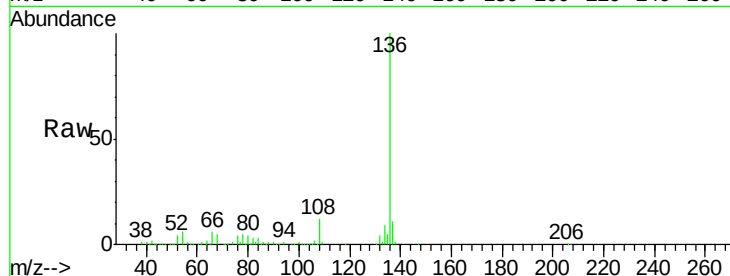




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BG045738.D
Acq: 12 Jun 2020 2:22

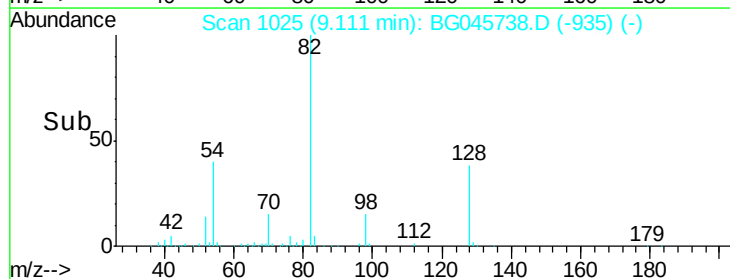
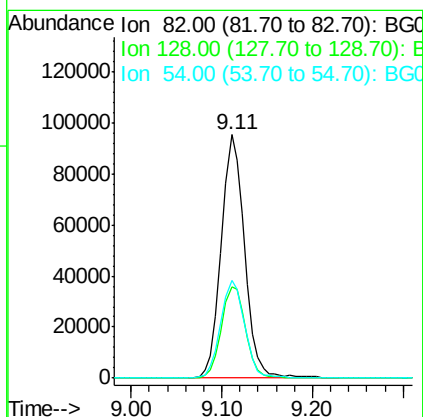
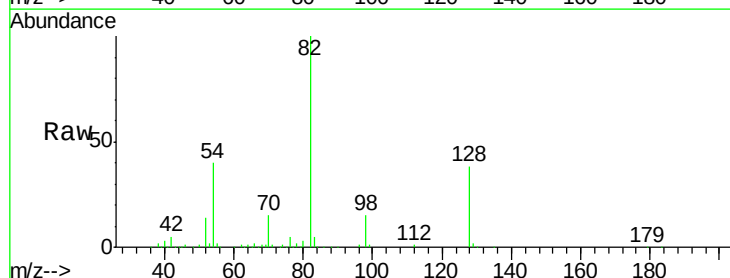
Instrument :
BNA_G
ClientSampleId :
BASEMENT-TAN-WALL

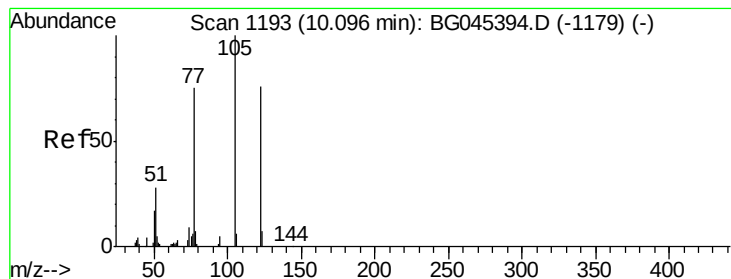
Tot Ion:136	Resp:	198170
Ion Ratio	Lower	Upper
136 100		
137 10.9	9.4	14.2
54 6.4	5.8	8.6
68 5.0	4.5	6.7



#23
Nitrobenzene-d5
Concen: 46.904 ng
RT: 9.11 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BG045738.D
Acq: 12 Jun 2020 2:22

Tgt Ion: 82	Resp: 170451
Ion Ratio	Lower Upper
82 100	
128 37.6	30.9 46.3
54 39.9	30.3 45.5





#32

Benzoic acid

Concen: 10.321 ng

RT: 10.16 min Scan# 1203

Delta R.T. 0.04 min

Lab File: BG045738.D

Acq: 12 Jun 2020 2:22

Instrument :

BNA_G

ClientSampleId :

BASEMENT-TAN-WALL

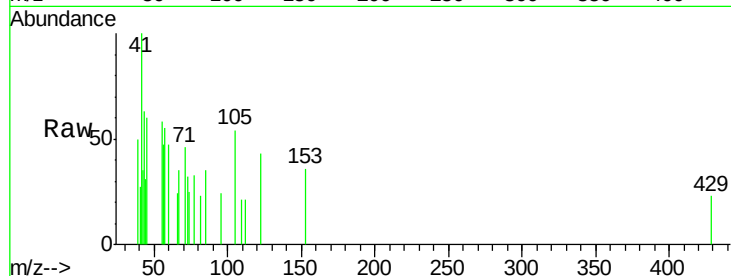
Tot Ion:122 Resp: 635

Ion Ratio Lower Upper

122 100

105 125.6 107.9 147.9

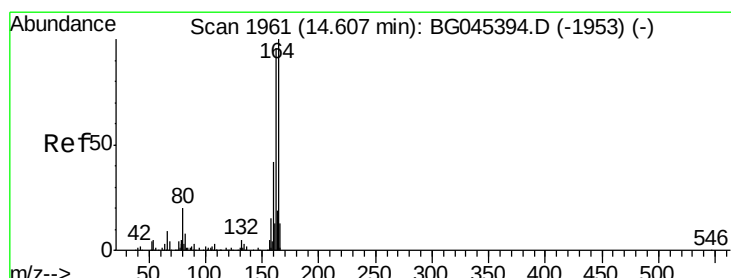
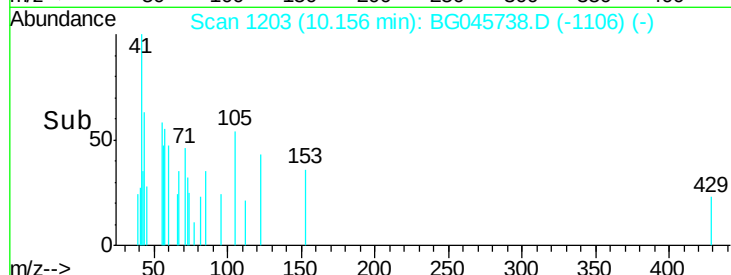
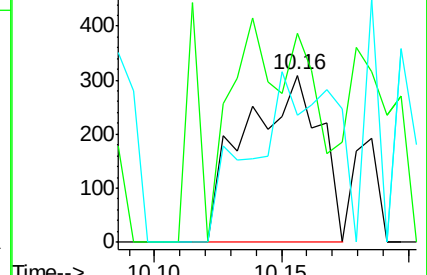
77 75.7 78.9 118.9#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BG045738.D

Acq: 12 Jun 2020 2:22

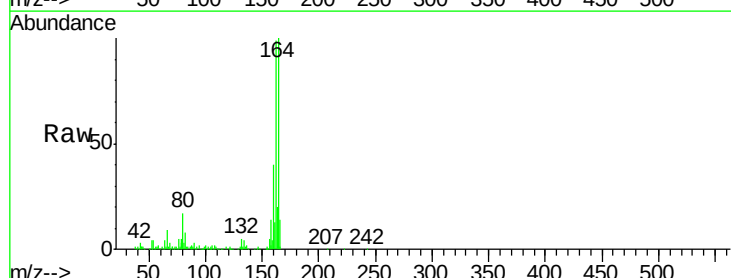
Tgt Ion:164 Resp: 124928

Ion Ratio Lower Upper

164 100

162 98.6 76.9 115.3

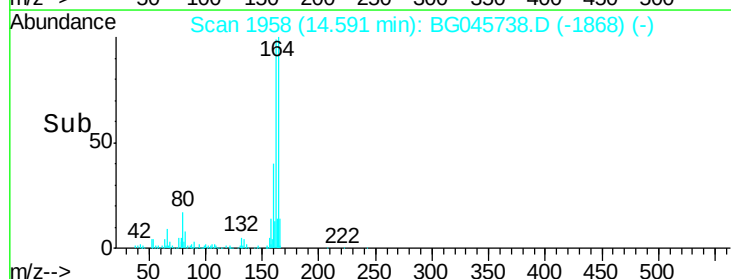
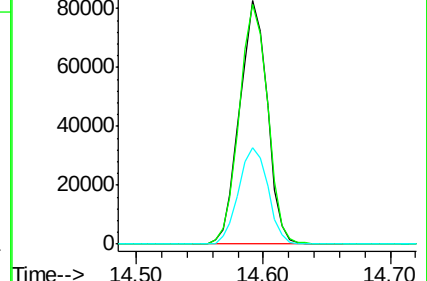
160 39.5 33.8 50.8

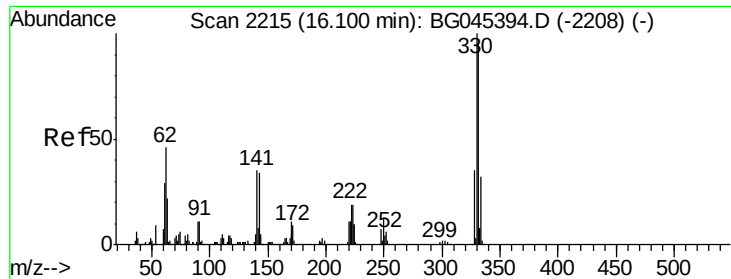


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

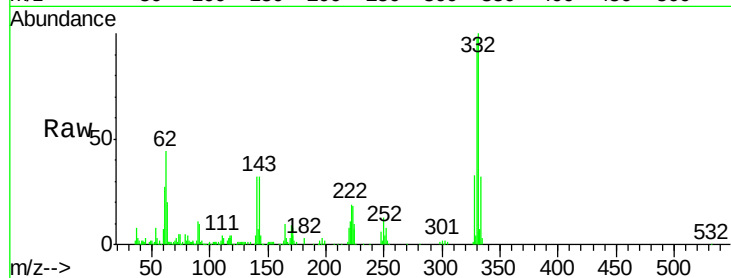




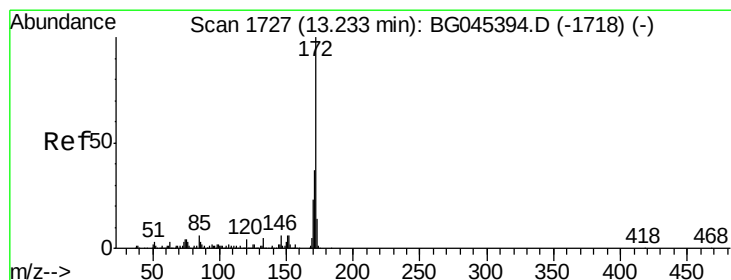
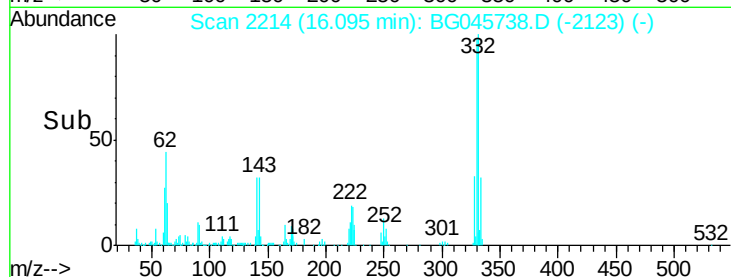
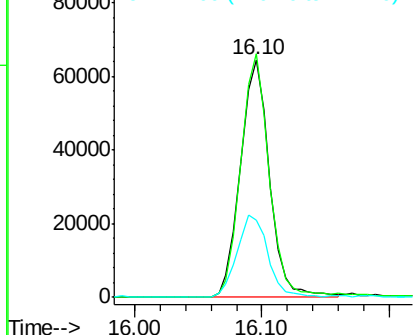
#42
 2,4,6-Tribromophenol
 Concen: 64.319 ng
 RT: 16.10 min Scan# 2214
 Delta R.T. 0.00 min
 Lab File: BG045738.D
 Acq: 12 Jun 2020 2:22

Instrument :
 BNA_G
 ClientSampleId :
 BASEMENT-TAN-WALL

Tot Ion:330 Resp: 102762
 Ion Ratio Lower Upper
 330 100
 332 101.7 78.2 117.4
 141 37.1 28.2 42.4

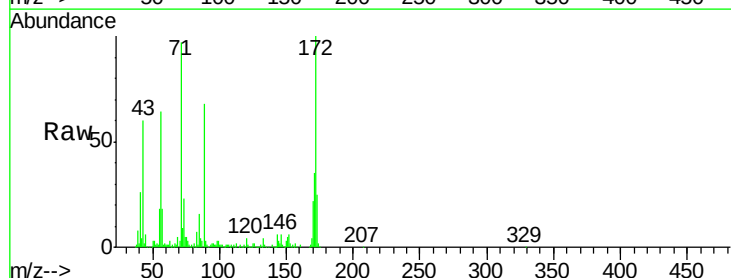


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

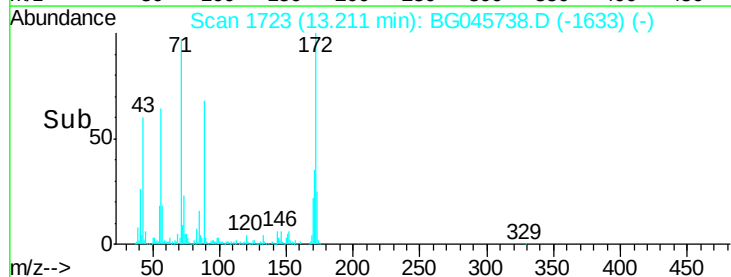
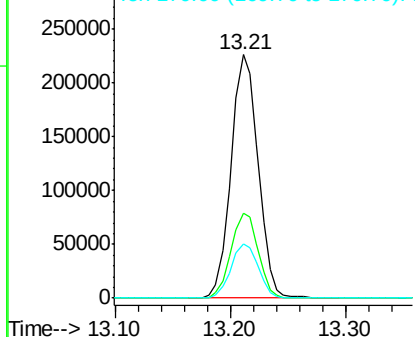


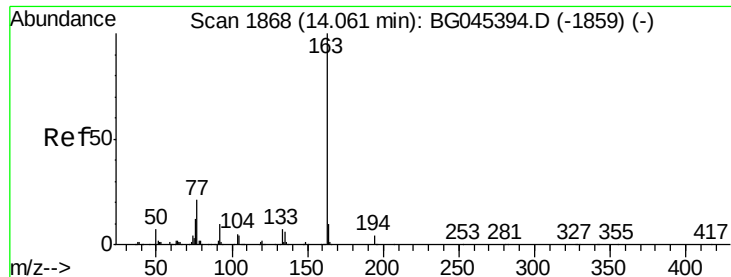
#45
 2-Fluorobiphenyl
 Concen: 49.811 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. -0.00 min
 Lab File: BG045738.D
 Acq: 12 Jun 2020 2:22

Tgt Ion:172 Resp: 366865
 Ion Ratio Lower Upper
 172 100
 171 35.1 29.5 44.3
 170 22.1 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: 4.066 ng

RT: 14.05 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BG045738.D

Acq: 12 Jun 2020 2:22

Instrument :

BNA_G

ClientSampleId :

BASEMENT-TAN-WALL

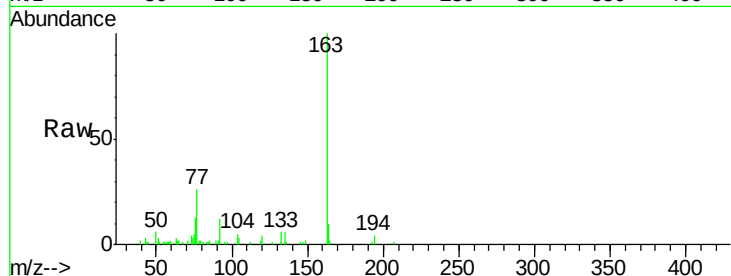
Tot Ion:163 Resp: 34843

Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

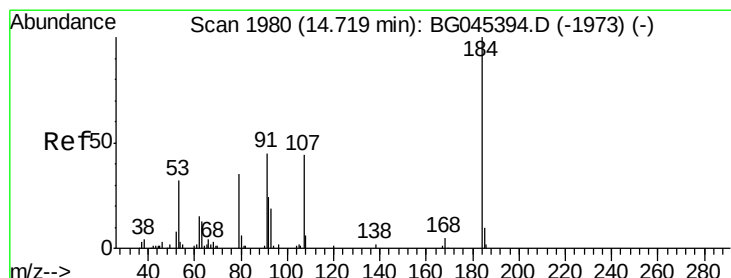
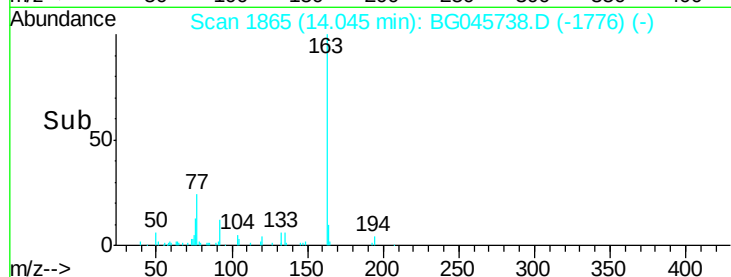
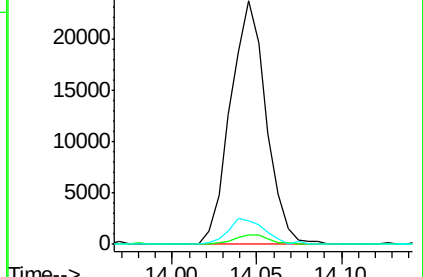
164 9.8 8.3 12.5



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: 5.504 ng

RT: 14.85 min Scan# 2002

Delta R.T. 0.14 min

Lab File: BG045738.D

Acq: 12 Jun 2020 2:22

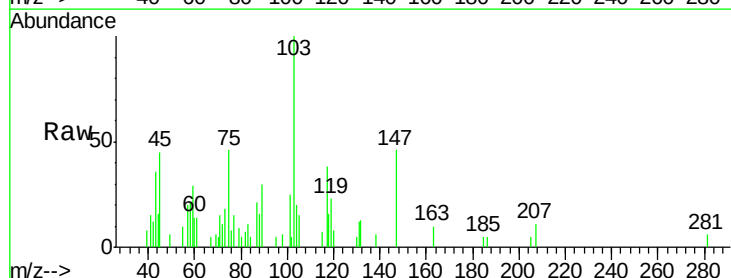
Tgt Ion:184 Resp: 61

Ion Ratio Lower Upper

184 100

63 0.0 47.8 71.6#

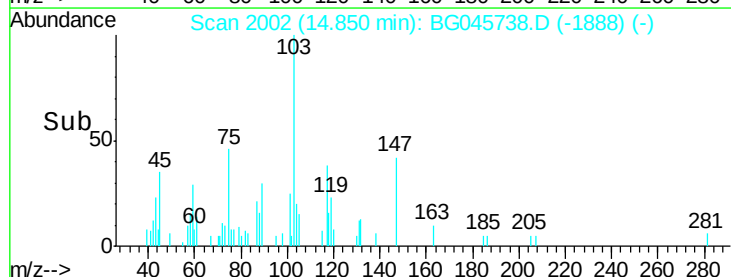
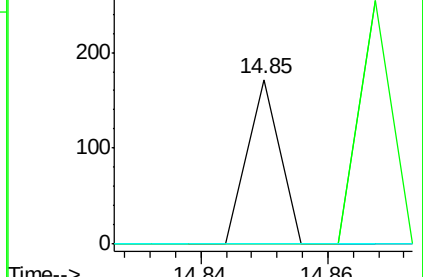
154 0.0 58.3 87.5#

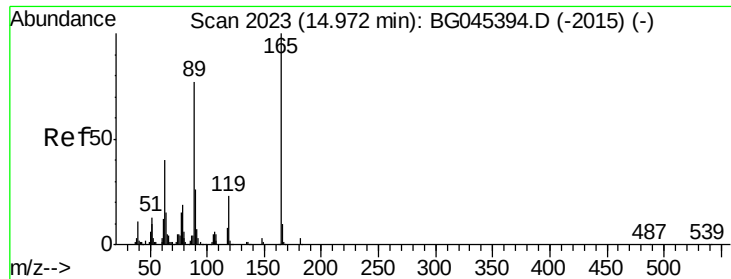


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 154.00 (153.70 to 154.70): E





#57

2,4-Dinitrotoluene

Concen: 6.207 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.37 min

Lab File: BG045738.D

Acq: 12 Jun 2020 2:22

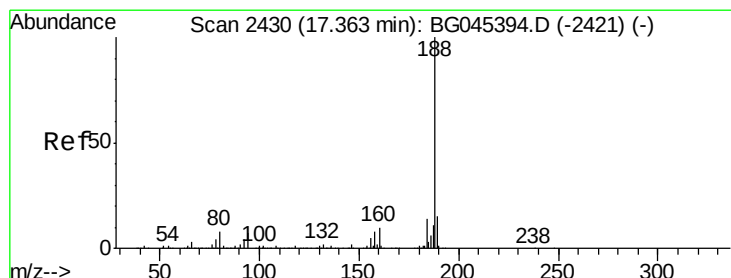
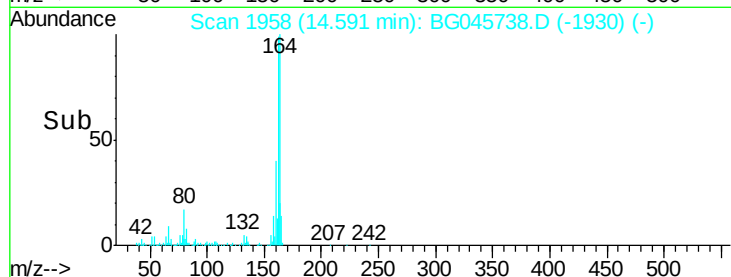
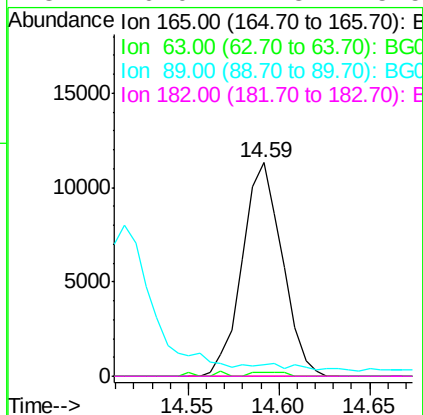
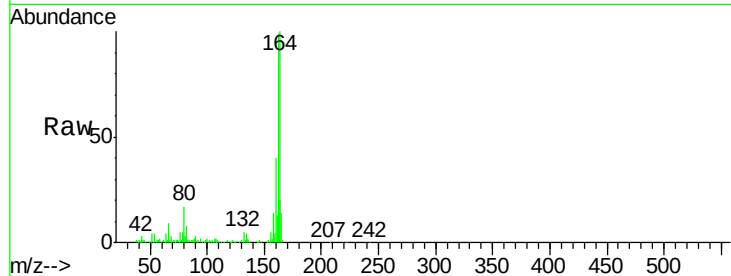
Instrument :

BNA_G

ClientSampleId :

BASEMENT-TAN-WALL

Tot Ion:165	Resp:	17385
Ion Ratio	Lower	Upper
165	100	
63	1.8	32.5 48.7#
89	5.4	61.8 92.6#
182	0.0	2.3 3.5#



#64

Phenanthrene-d10

Concen: 20.000 ng

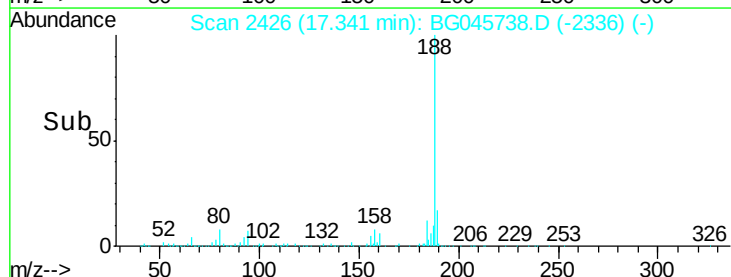
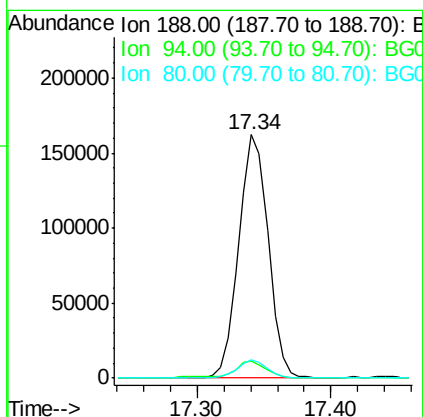
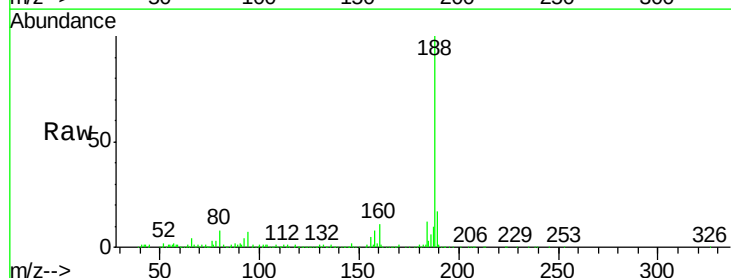
RT: 17.34 min Scan# 2426

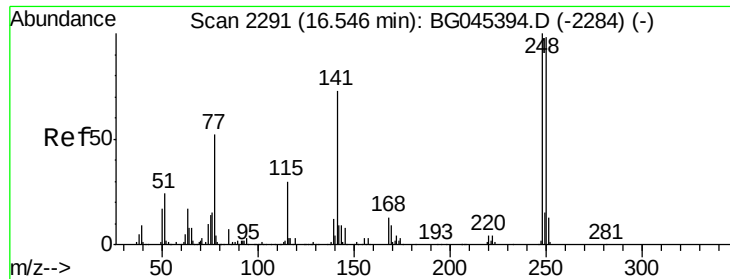
Delta R.T. -0.00 min

Lab File: BG045738.D

Acq: 12 Jun 2020 2:22

Tgt Ion:188	Resp:	248122
Ion Ratio	Lower	Upper
188	100	
94	6.8	5.5 8.3
80	7.7	6.6 10.0

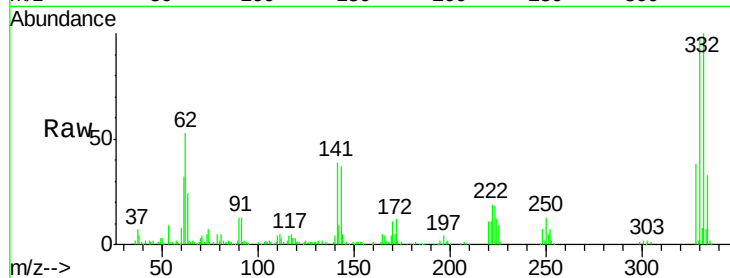




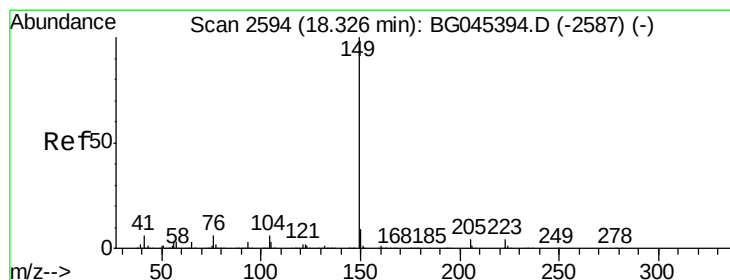
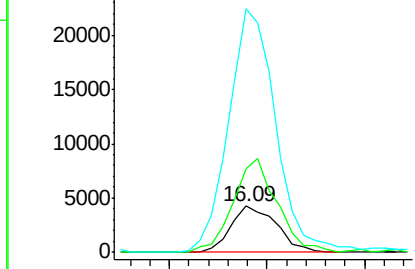
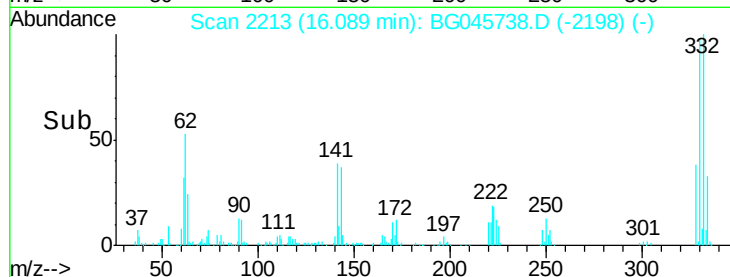
#67
 4-Bromophenyl-phenylether
 Concen: 2.580 ng
 RT: 16.09 min Scan# 2213
 Delta R.T. -0.44 min
 Lab File: BG045738.D
 Acq: 12 Jun 2020 2:22

Instrument :
 BNA_G
 ClientSampleId :
 BASEMENT-TAN-WALL

Tot Ion:248 Resp: 6932
 Ion Ratio Lower Upper
 248 100
 250 180.4 78.6 117.8#
 141 526.5 58.2 87.2#

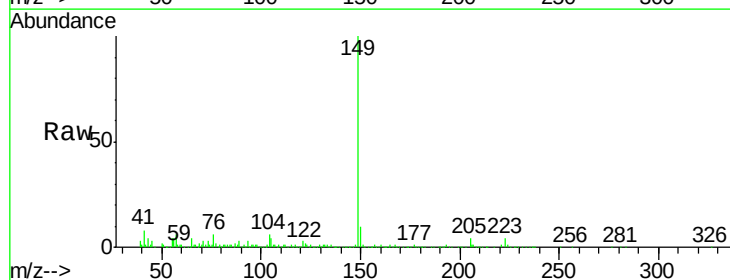


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

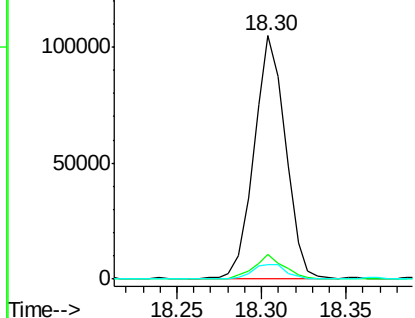
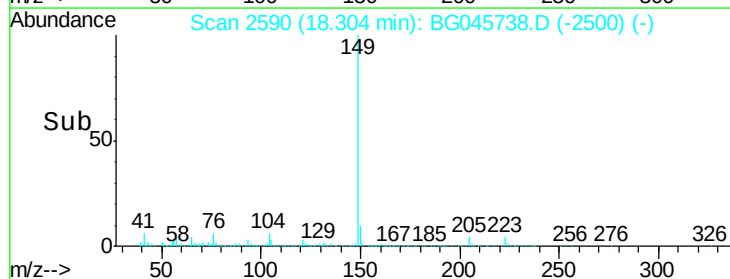


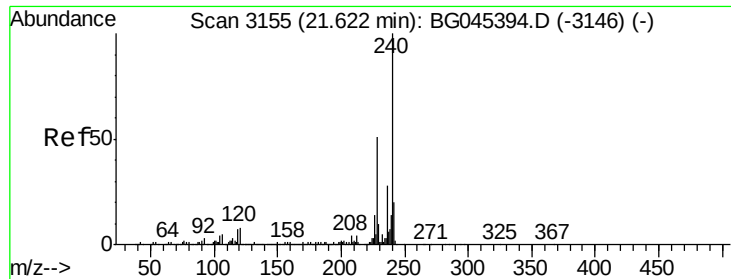
#74
 Di-n-butylphthalate
 Concen: 10.610 ng
 RT: 18.30 min Scan# 2590
 Delta R.T. -0.00 min
 Lab File: BG045738.D
 Acq: 12 Jun 2020 2:22

Tgt Ion:149 Resp: 135022
 Ion Ratio Lower Upper
 149 100
 150 10.3 7.6 11.4
 104 6.2 5.0 7.4



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





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.60 min Scan# 3151

Delta R.T. -0.00 min

Lab File: BG045738.D

Acq: 12 Jun 2020 2:22

Instrument :

BNA_G

ClientSampleId :

BASEMENT-TAN-WALL

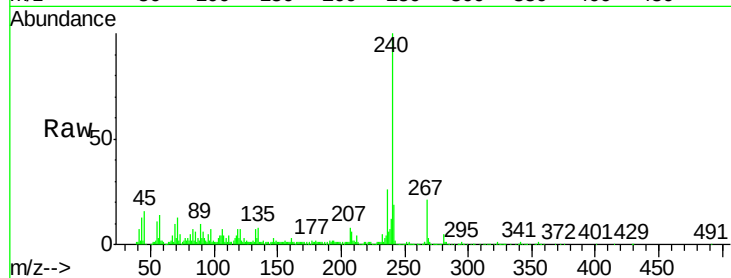
Tot Ion:240 Resp: 202446

Ion Ratio Lower Upper

240 100

120 6.8 6.1 9.1

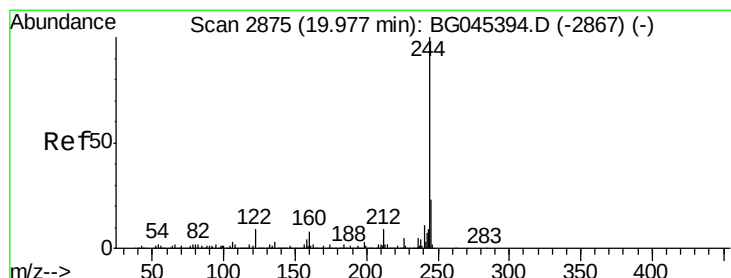
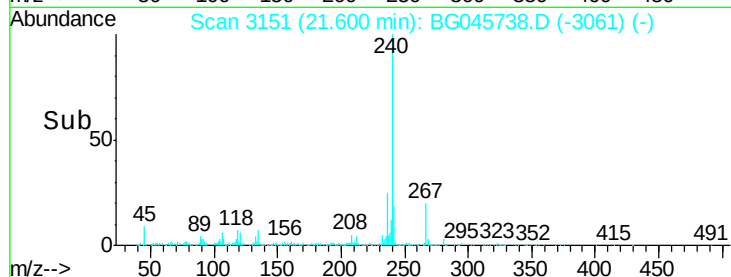
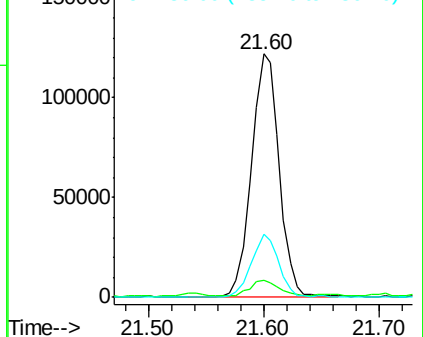
236 25.7 22.3 33.5



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



#79

Terphenyl-d14

Concen: 56.150 ng

RT: 19.95 min Scan# 2871

Delta R.T. -0.00 min

Lab File: BG045738.D

Acq: 12 Jun 2020 2:22

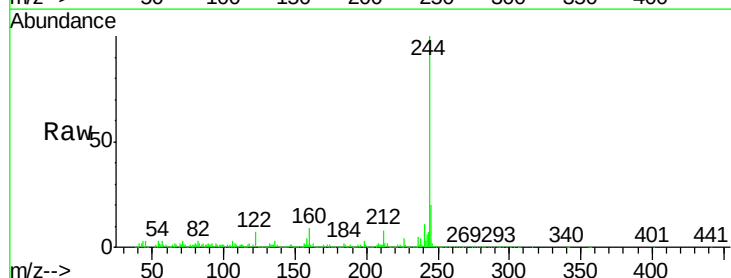
Tgt Ion:244 Resp: 487386

Ion Ratio Lower Upper

244 100

212 8.3 7.4 11.0

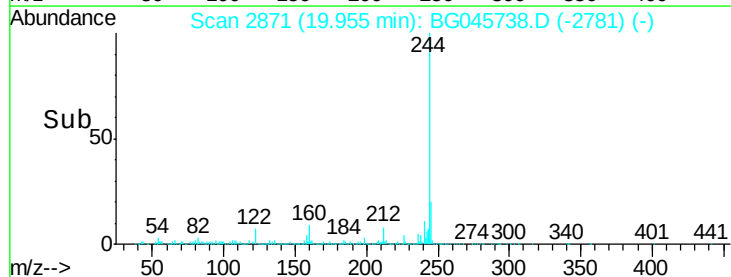
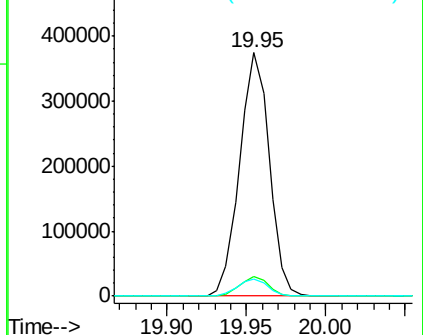
122 7.2 6.8 10.2

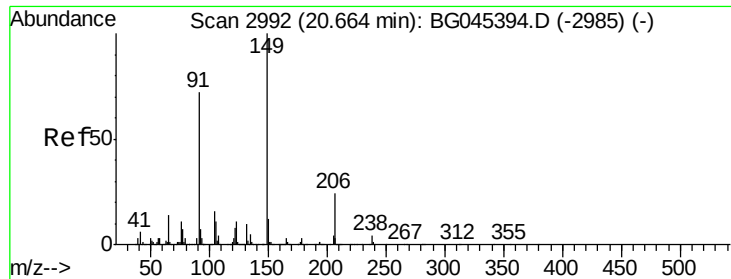


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Butylbenzylphthalate

Concen: 12.795 ng

RT: 20.64 min Scan# 2988

Delta R.T. -0.00 min

Lab File: BG045738.D

Acq: 12 Jun 2020 2:22

Instrument :

BNA_G

ClientSampleId :

BASEMENT-TAN-WALL

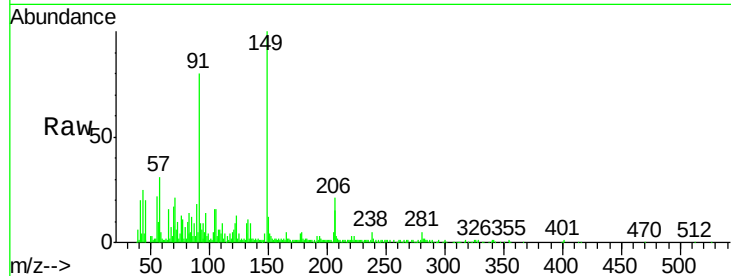
Tot Ion:149 Resp: 63736

Ion Ratio Lower Upper

149 100

91 79.9 57.8 86.6

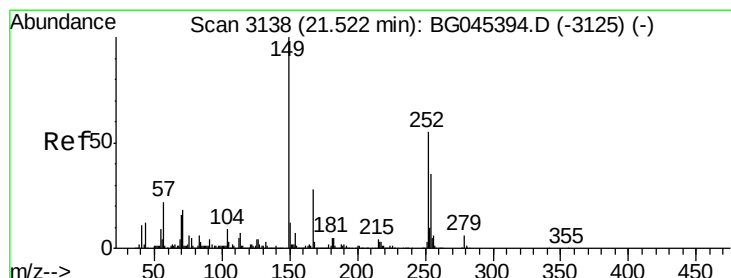
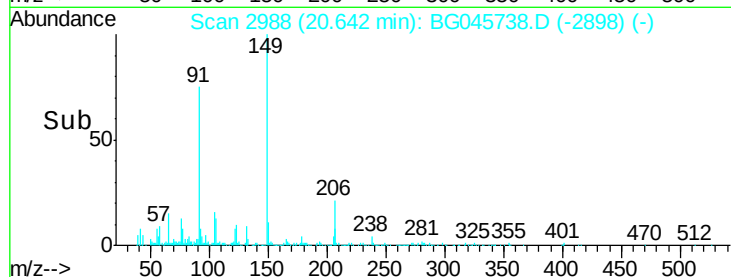
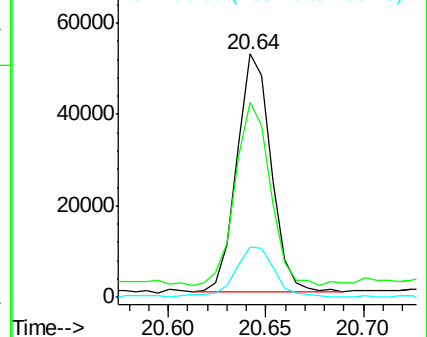
206 20.9 19.1 28.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 13.996 ng

RT: 21.49 min Scan# 3133

Delta R.T. -0.00 min

Lab File: BG045738.D

Acq: 12 Jun 2020 2:22

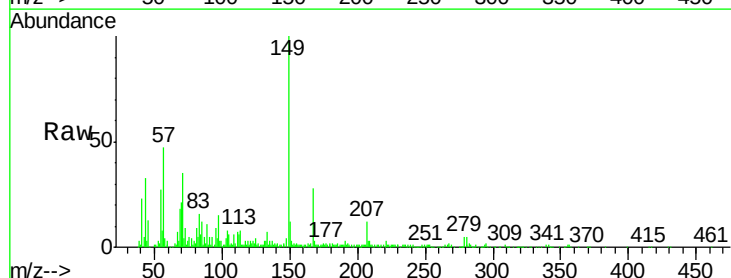
Tgt Ion:149 Resp: 95837

Ion Ratio Lower Upper

149 100

167 27.8 22.2 33.2

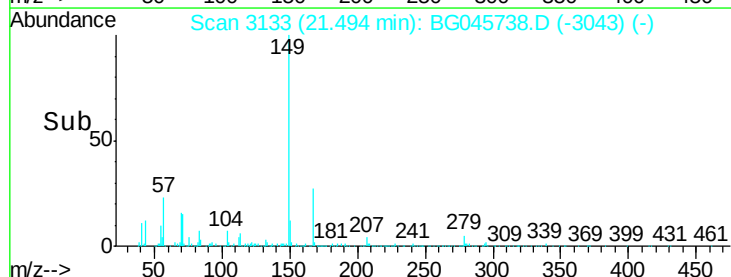
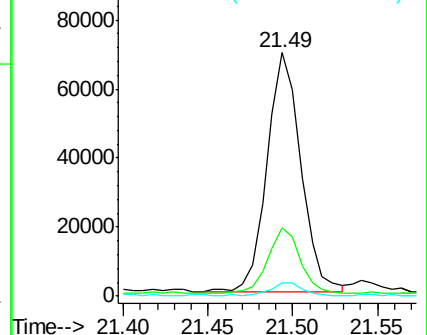
279 5.3 4.7 7.1

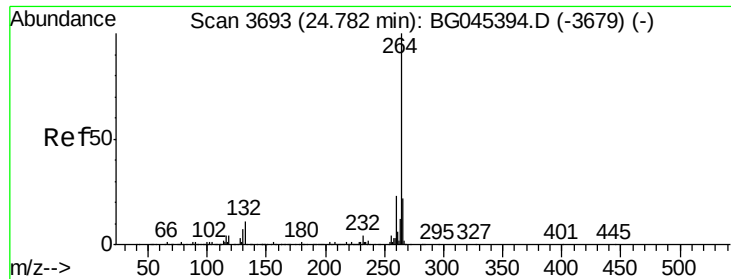


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.75 min Scan# 3687
Delta R.T. -0.00 min
Lab File: BG045738.D
Acq: 12 Jun 2020 2:22

Instrument :
BNA_G
ClientSampleId :
BASEMENT-TAN-WALL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.2	27.4
265	20.5	17.6	26.4

