

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041520\
 Data File : BG045002.D
 Acq On : 16 Apr 2020 4:14
 Operator : CG/JU
 Sample : L2278-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BUS-WASH

Quant Time: Apr 16 05:44:38 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 15 17:57:00 2020
 Response via : Initial Calibration

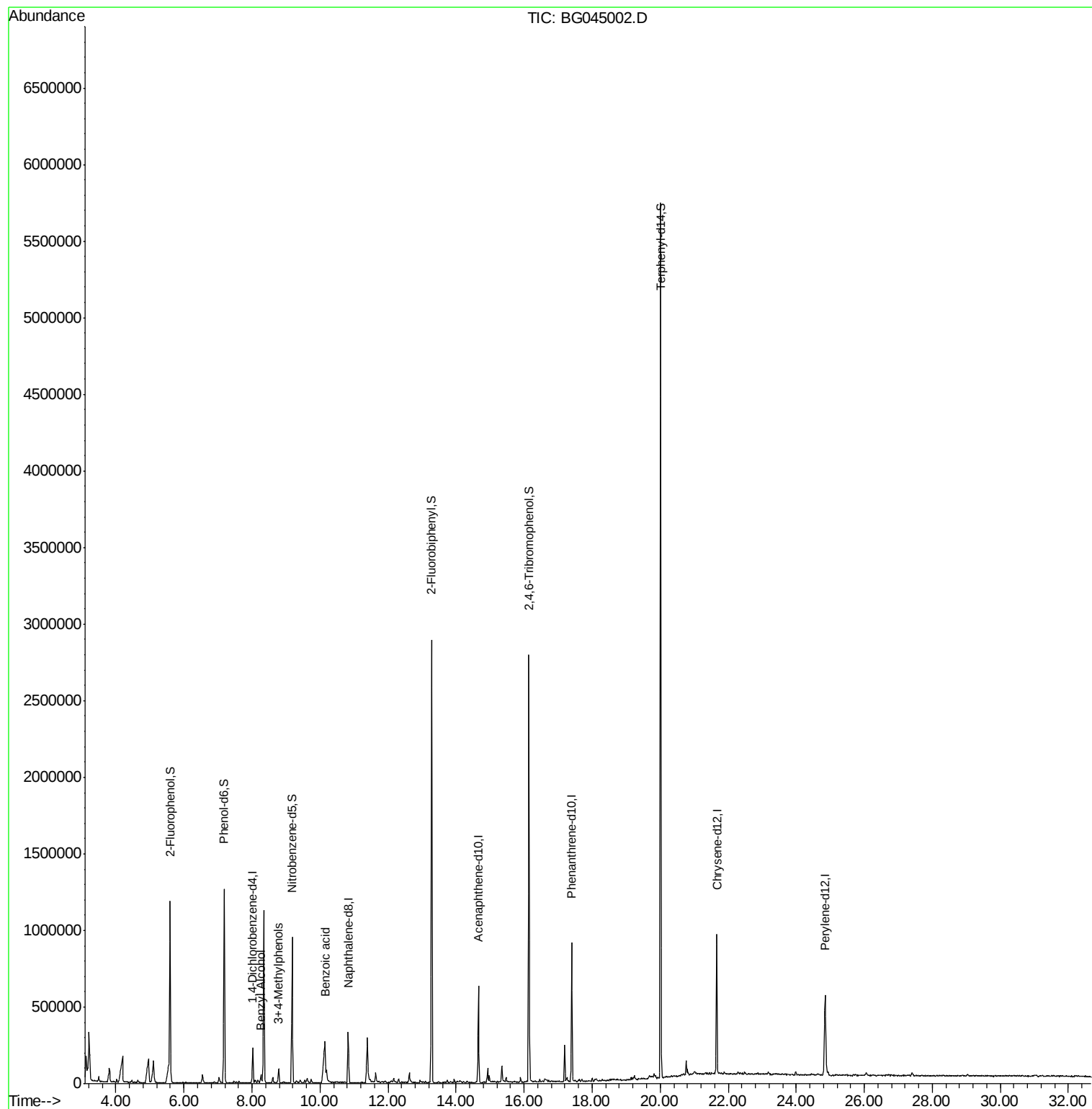
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	68617	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	302380	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	232531	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	578745	20.00	ng	0.00
76) Chrysene-d12	21.66	240	556841	20.00	ng	0.00
87) Perylene-d12	24.85	264	600902	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	569288	136.97	ng	0.00
7) Phenol-d6	7.18	99	847109	137.18	ng	0.00
23) Nitrobenzene-d5	9.18	82	644879	97.31	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	593678	165.26	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1552203	97.88	ng	0.00
79) Terphenyl-d14	20.01	244	2655450	103.94	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.25	79	20541	3.968	ng	94
20) 3+4-Methylphenols	8.79	107	45003	6.744	ng	89
32) Benzoic acid	10.15	122	216992	56.547	ng	99

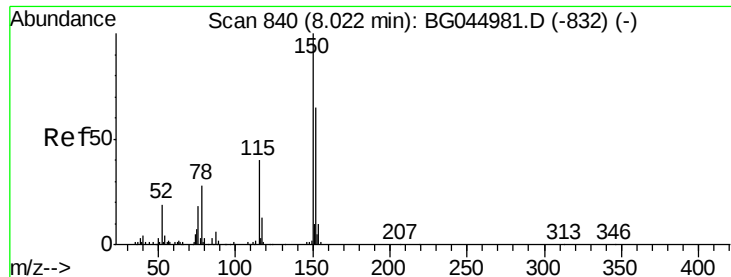
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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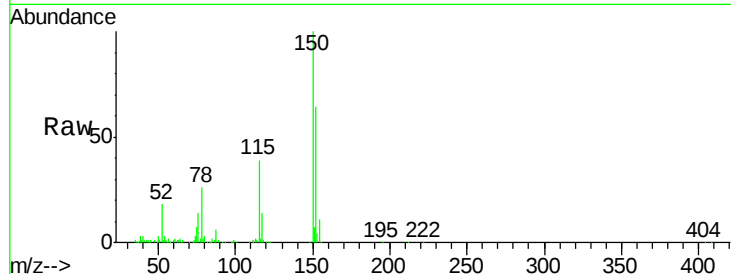


#1

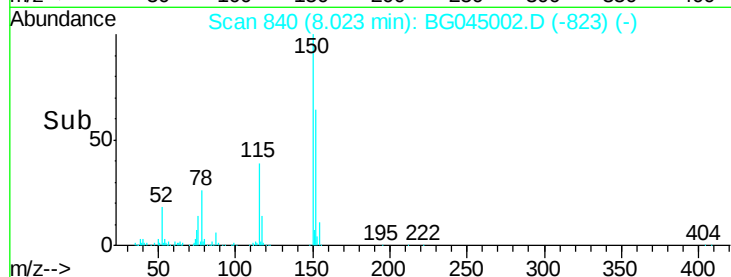
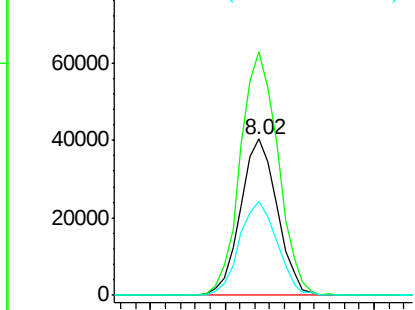
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. 0.00 min
Lab File: BG045002.D
Acq: 16 Apr 2020 4:14

Instrument :
BNA_G
ClientSampleId :
BUS-WASH

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	123.6	185.4
115	60.3	49.1	73.7



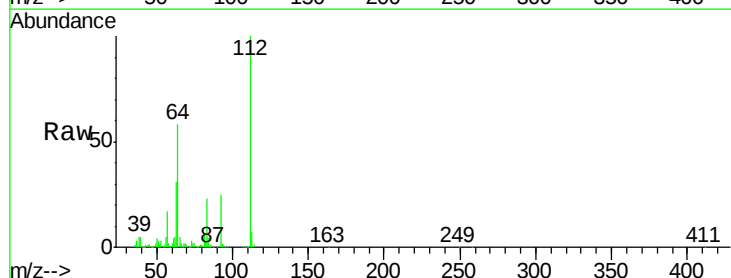
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



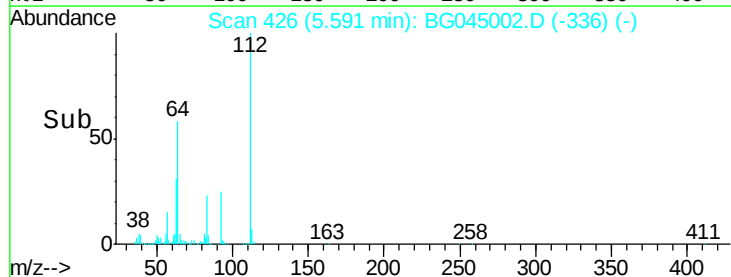
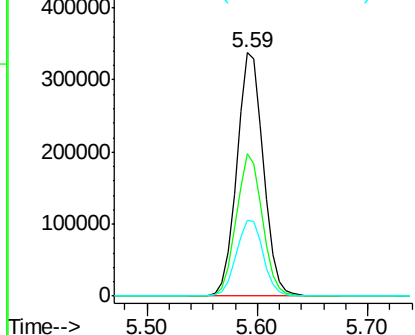
#5

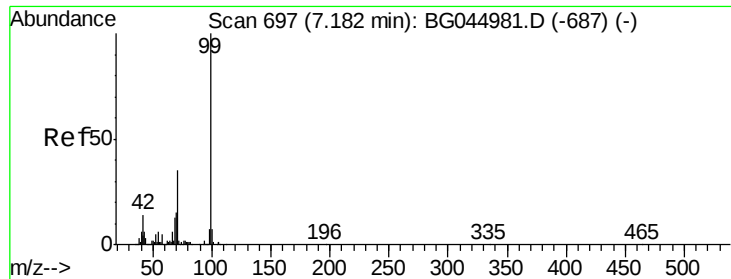
2-Fluorophenol
Concen: 136.972 ng
RT: 5.59 min Scan# 426
Delta R.T. 0.00 min
Lab File: BG045002.D
Acq: 16 Apr 2020 4:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.4	42.4	63.6
63	31.4	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: 137.181 ng

RT: 7.18 min Scan# 697

Delta R.T. 0.00 min

Lab File: BG045002.D

Acq: 16 Apr 2020 4:14

Instrument :

BNA_G

ClientSampleId :

BUS-WASH

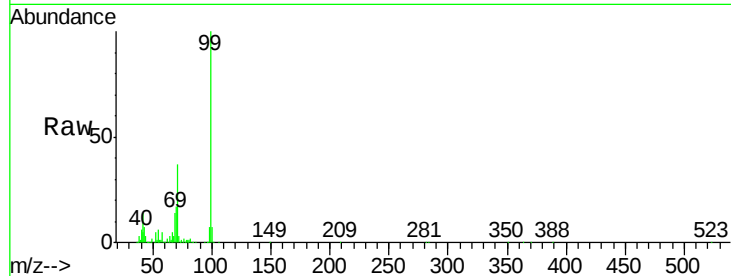
Tot Ion: 99 Resp: 847109

Ion Ratio Lower Upper

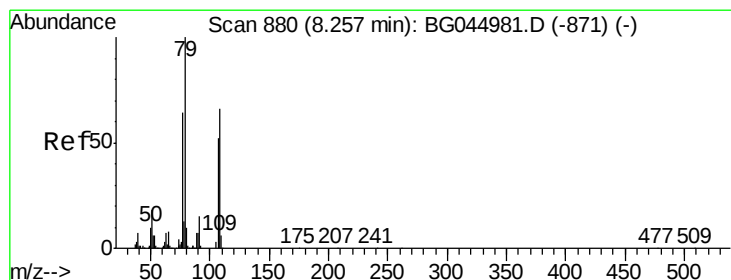
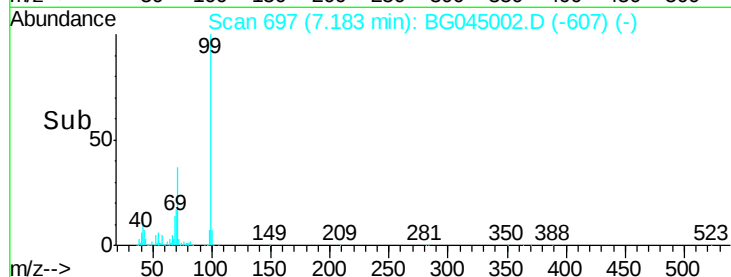
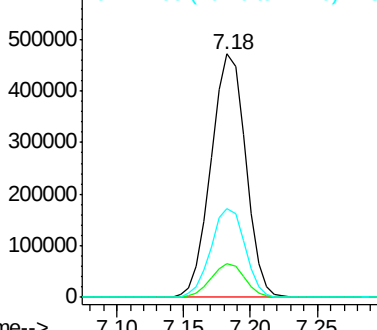
99 100

42 13.7 11.3 16.9

71 36.5 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



#15

Benzyl Alcohol

Concen: 3.968 ng

RT: 8.25 min Scan# 879

Delta R.T. -0.00 min

Lab File: BG045002.D

Acq: 16 Apr 2020 4:14

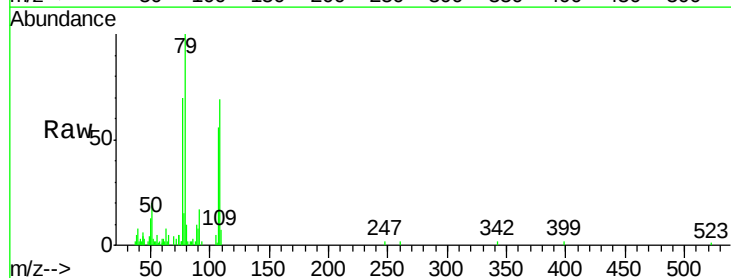
Tgt Ion: 79 Resp: 20541

Ion Ratio Lower Upper

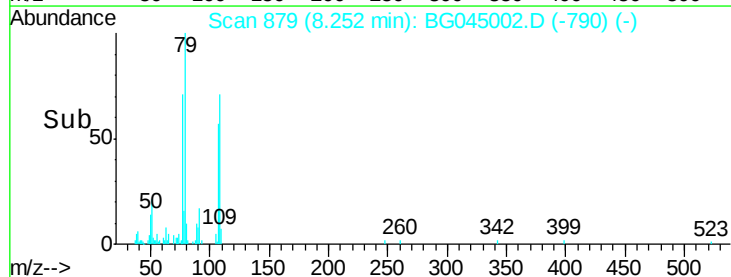
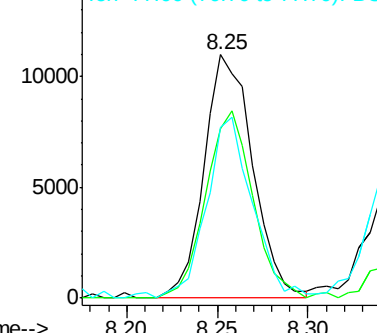
79 100

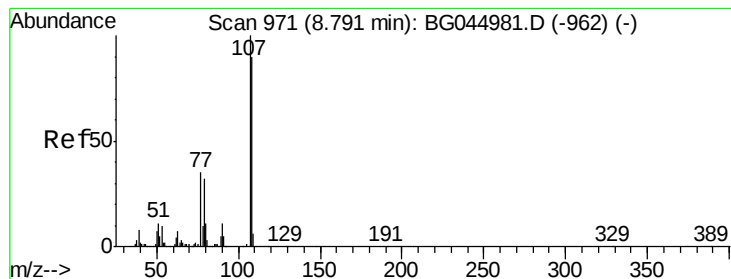
108 69.4 52.7 79.1

77 70.3 51.3 76.9



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





#20

3+4-Methylphenols

Concen: 6.744 ng

RT: 8.79 min Scan# 970

Delta R.T. -0.00 min

Lab File: BG045002.D

Acq: 16 Apr 2020 4:14

Instrument :

BNA_G

ClientSampleId :

BUS-WASH

Tot Ion:107 Resp: 45003

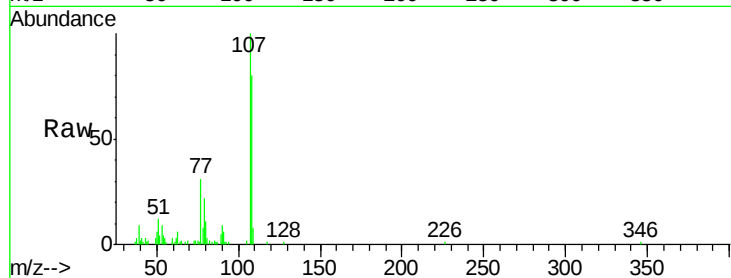
Ion Ratio Lower Upper

107 100

108 80.2 69.9 109.9

77 31.3 15.2 55.2

79 21.7 11.6 51.6

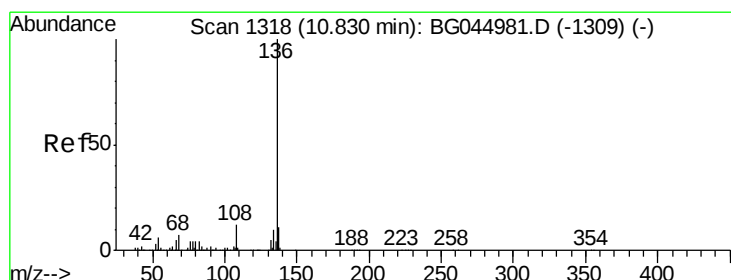
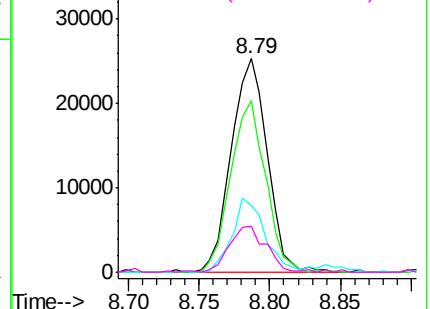
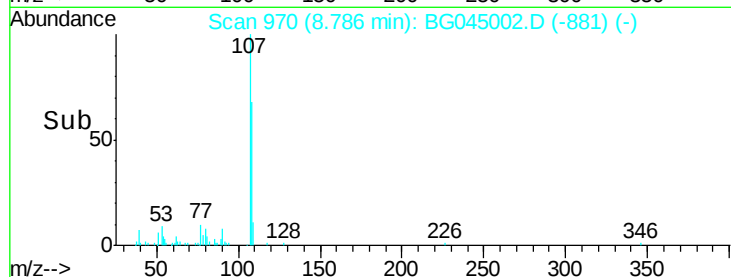


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BG045002.D

Acq: 16 Apr 2020 4:14

Tgt Ion:136 Resp: 302380

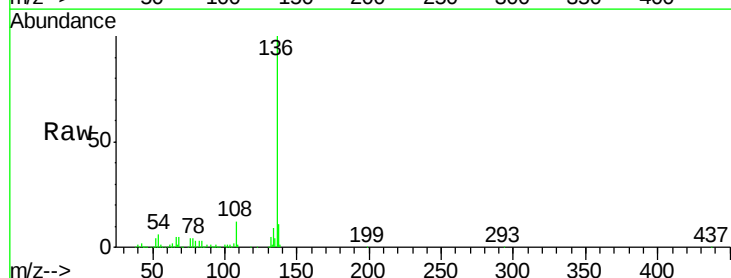
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 6.0 4.8 7.2

68 4.9 5.2 7.8#

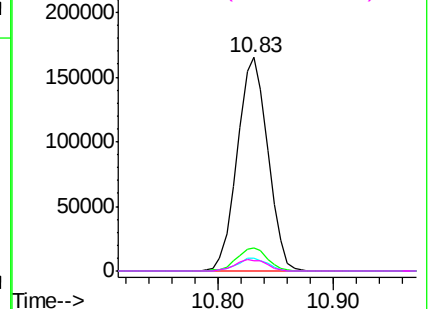
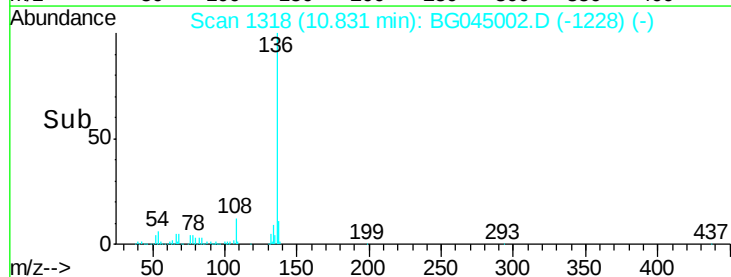


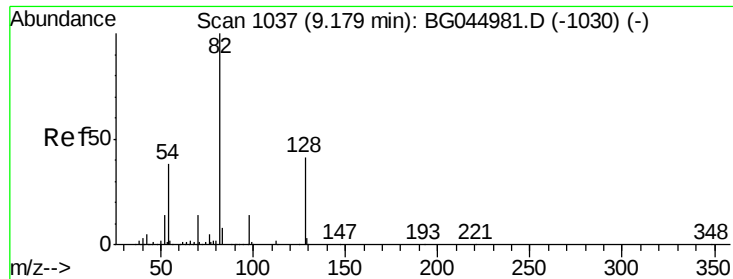
Abundance Ion 136.00 (135.70 to 136.70): E

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

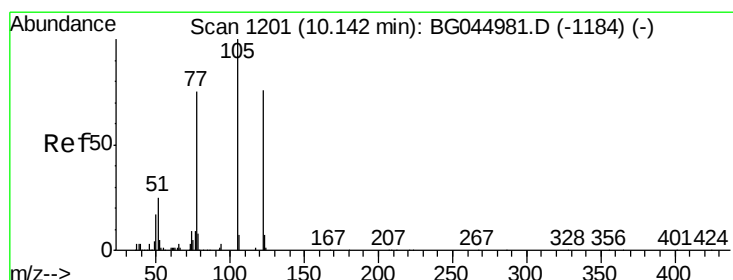
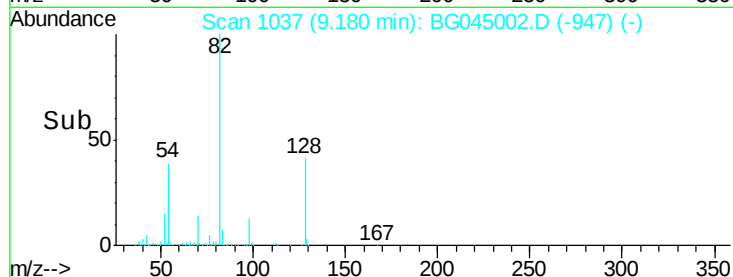
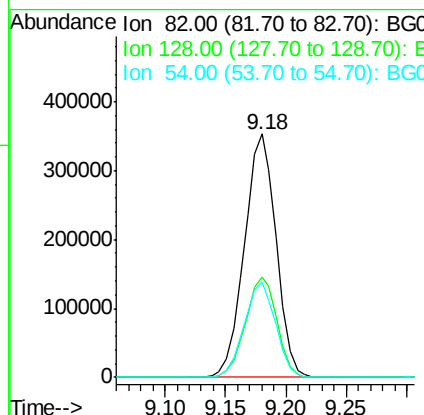
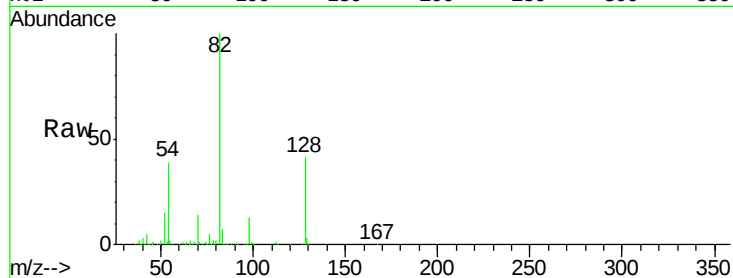




#23
Nitrobenzene-d5
Concen: 97.312 ng
RT: 9.18 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BG045002.D
Acq: 16 Apr 2020 4:14

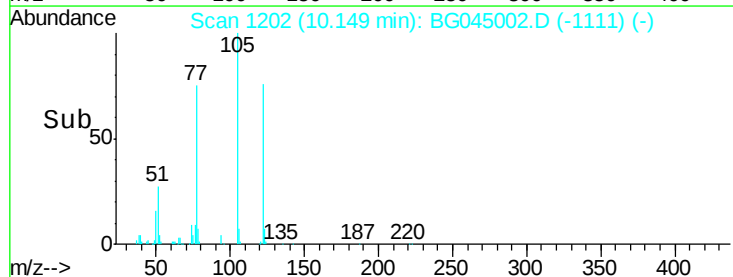
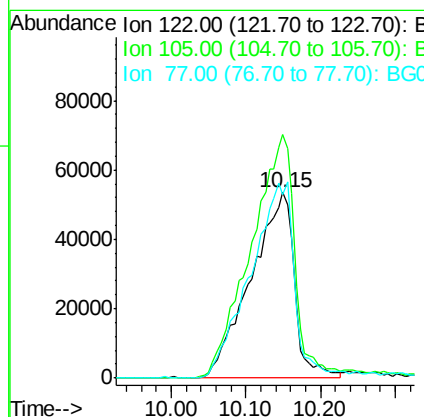
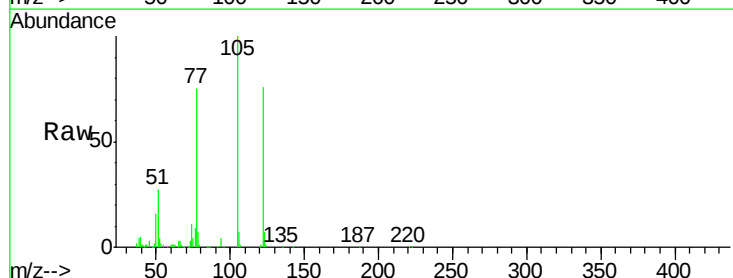
Instrument :
BNA_G
ClientSampleId :
BUS-WASH

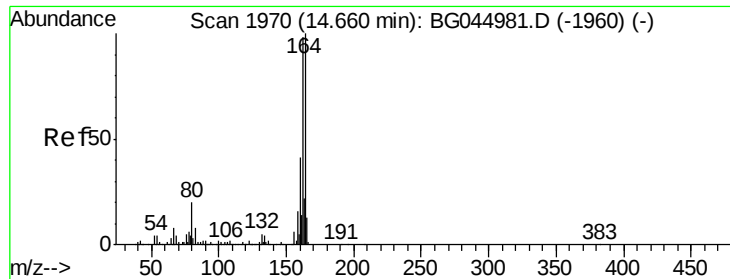
Tot Ion	82	Resp	644879
Ion Ratio	Lower	Upper	
82	100		
128	41.4	33.0	49.4
54	38.8	30.4	45.6



#32
Benzoic acid
Concen: 56.547 ng
RT: 10.15 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BG045002.D
Acq: 16 Apr 2020 4:14

Tgt Ion	122	Resp	216992
Ion Ratio	Lower	Upper	
122	100		
105	131.0	108.4	148.4
77	98.7	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: BG045002.D

Acq: 16 Apr 2020 4:14

Instrument :

BNA_G

ClientSampleId :

BUS-WASH

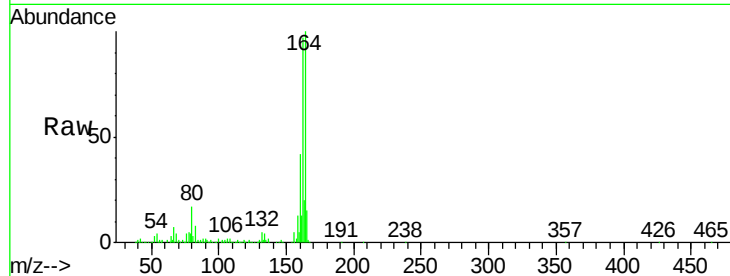
Tot Ion:164 Resp: 232531

Ion Ratio Lower Upper

164 100

162 97.0 78.7 118.1

160 42.0 32.8 49.2



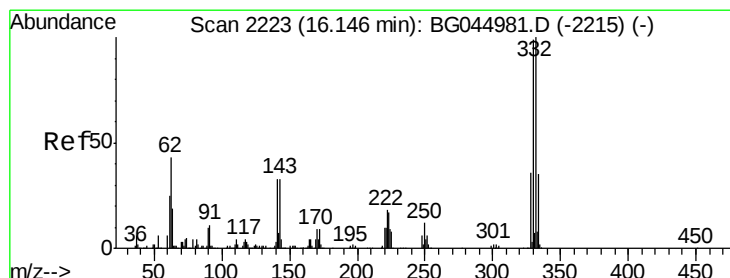
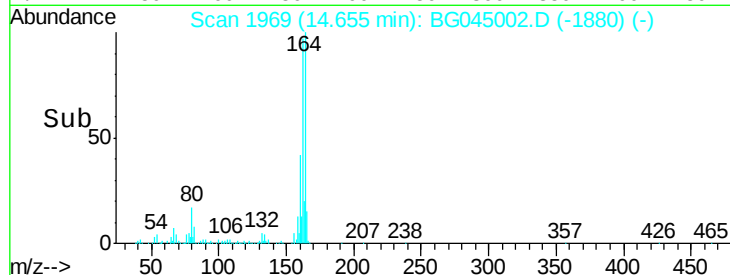
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

14.66

Time--> 14.55 14.60 14.65 14.70



#42

2,4,6-Tribromophenol

Concen: 165.264 ng

RT: 16.15 min Scan# 2223

Delta R.T. 0.00 min

Lab File: BG045002.D

Acq: 16 Apr 2020 4:14

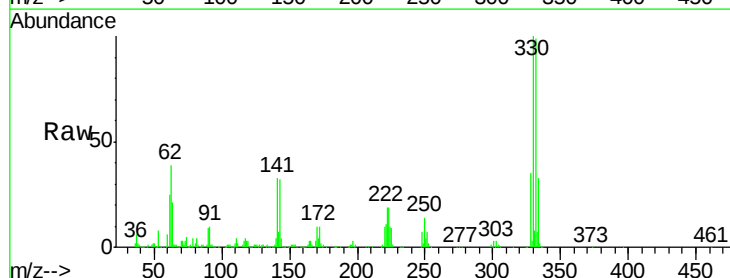
Tgt Ion:330 Resp: 593678

Ion Ratio Lower Upper

330 100

332 98.8 79.1 118.7

141 35.0 27.1 40.7



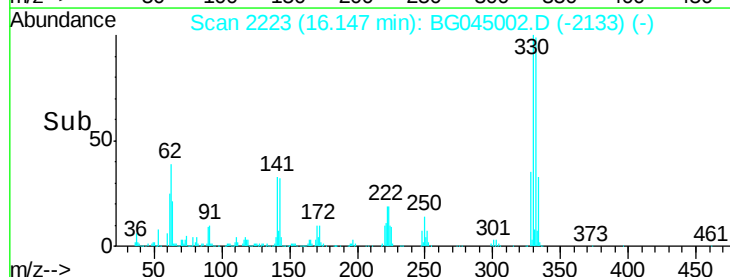
Abundance Ion 329.80 (329.50 to 330.50): E

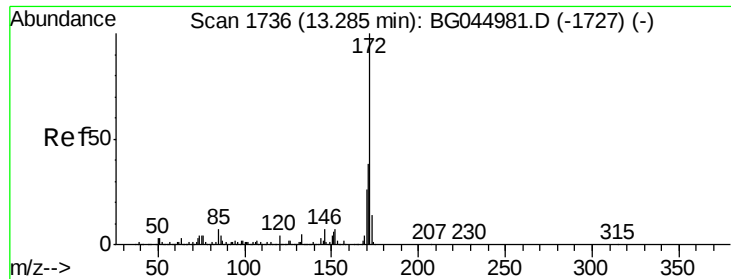
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

16.15

Time--> 16.10 16.20

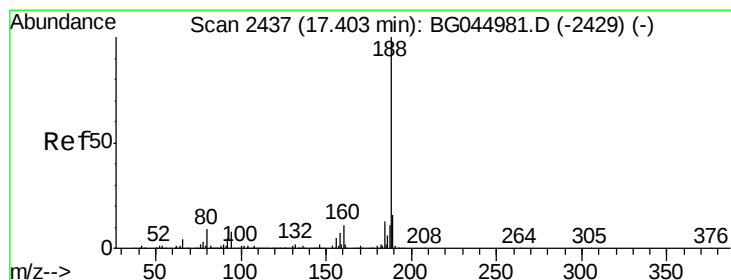
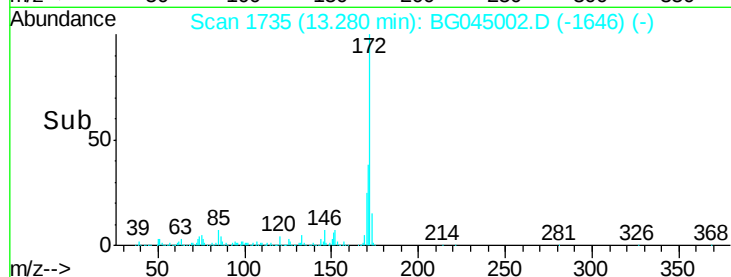
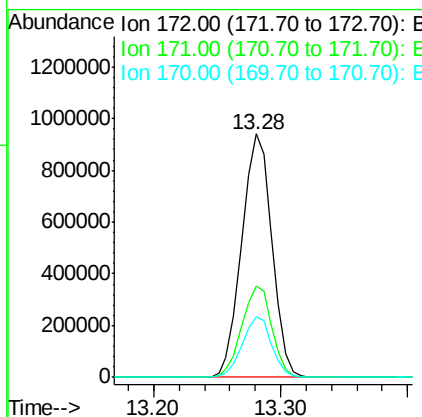
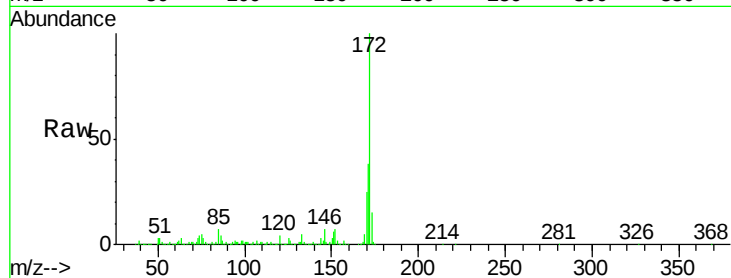




#45
 2-Fluorobiphenyl
 Concen: 97.880 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.00 min
 Lab File: BG045002.D
 Acq: 16 Apr 2020 4:14

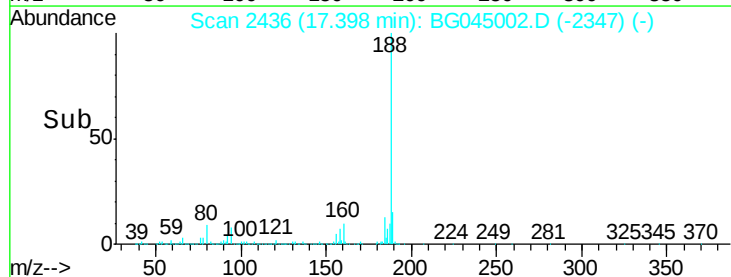
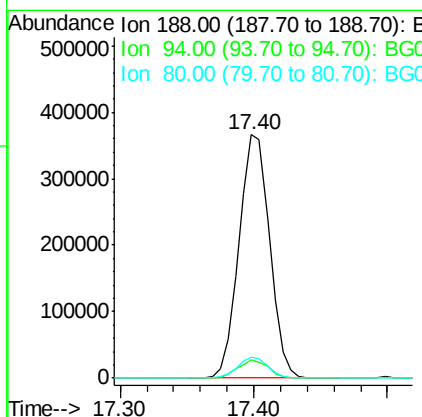
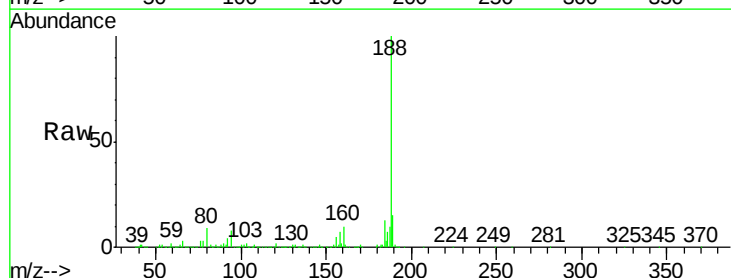
Instrument :
 BNA_G
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 BUS-WASH

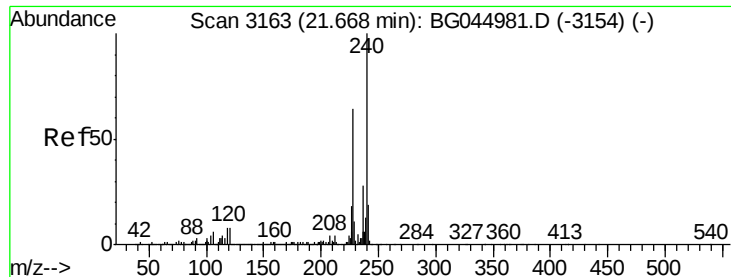
Tot Ion:172 Resp: 1552203
 Ion Ratio Lower Upper
 172 100
 171 37.6 30.6 46.0
 170 24.7 20.5 30.7



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.40 min Scan# 2436
 Delta R.T. -0.00 min
 Lab File: BG045002.D
 Acq: 16 Apr 2020 4:14

Tgt Ion:188 Resp: 578745
 Ion Ratio Lower Upper
 188 100
 94 7.7 6.2 9.4
 80 8.7 7.0 10.6

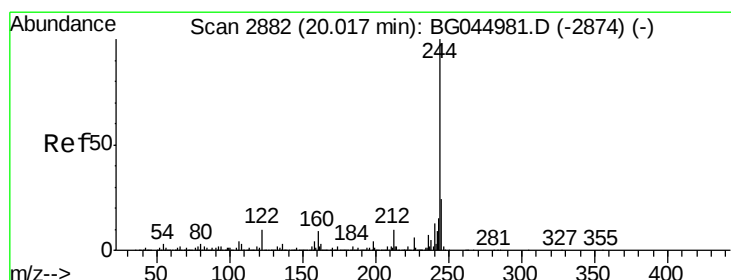
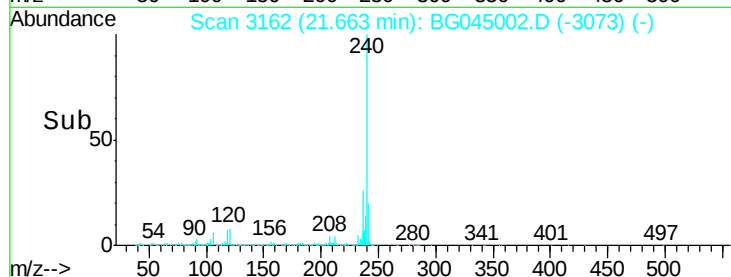
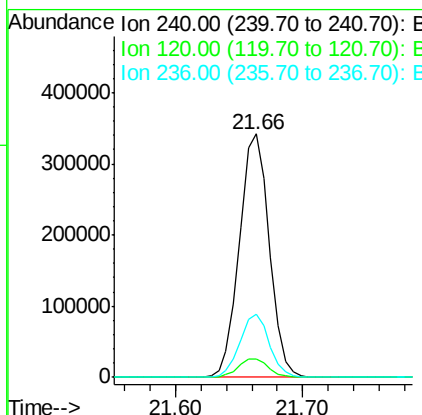
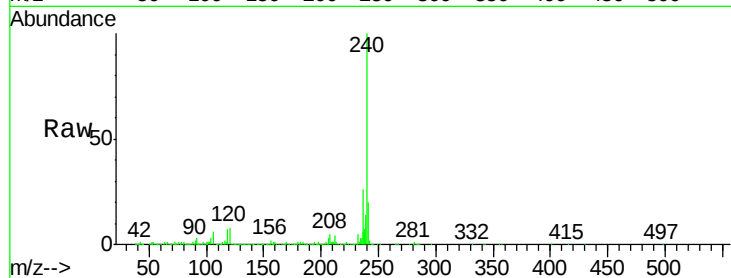




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.66 min Scan# 3162
 Delta R.T. -0.00 min
 Lab File: BG045002.D
 Acq: 16 Apr 2020 4:14

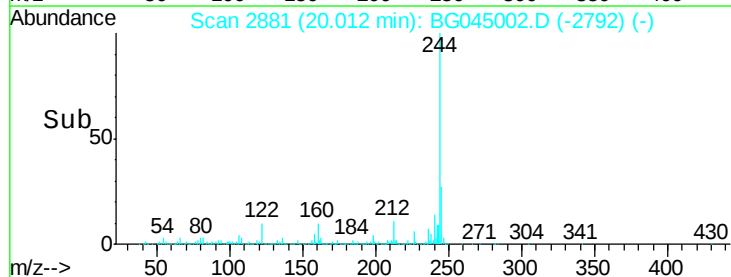
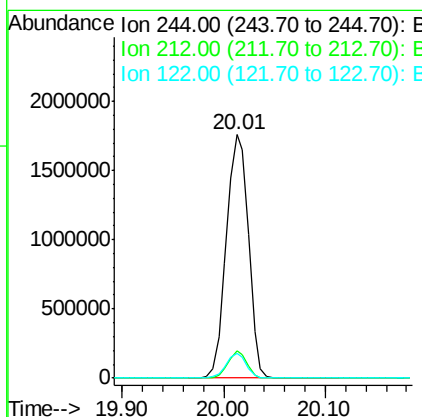
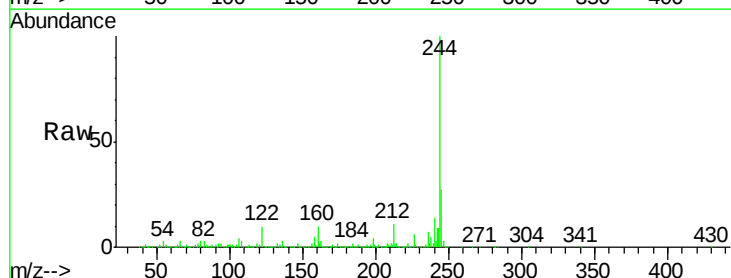
Instrument :
 BNA_G
 ClientSampleId :
 BUS-WASH

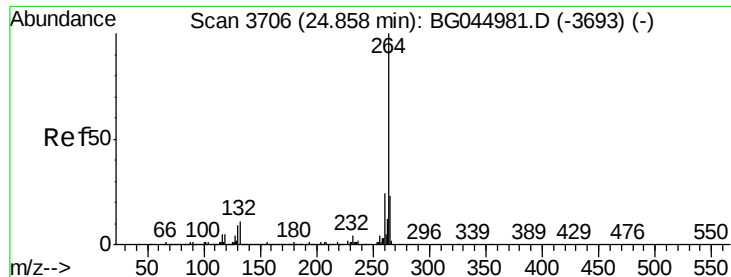
Tot Ion:240 Resp: 556841
 Ion Ratio Lower Upper
 240 100
 120 7.6 6.6 10.0
 236 26.1 22.2 33.2



#79
 Terphenyl-d14
 Concen: 103.939 ng
 RT: 20.01 min Scan# 2881
 Delta R.T. -0.00 min
 Lab File: BG045002.D
 Acq: 16 Apr 2020 4:14

Tgt Ion:244 Resp: 2655450
 Ion Ratio Lower Upper
 244 100
 212 11.1 7.9 11.9
 122 10.4 7.7 11.5





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3704
Delta R.T. -0.01 min
Lab File: BG045002.D
Acq: 16 Apr 2020 4:14

Instrument :
BNA_G
ClientSampleId :
BUS-WASH

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.3	19.0	28.4

