

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
 Data File : BG045038.D
 Acq On : 17 Apr 2020 18:26
 Operator : CG/JU
 Sample : L2300-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WATER-RECLAIM-SYSTEM-SLUDG

Quant Time: Apr 17 19:15:54 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

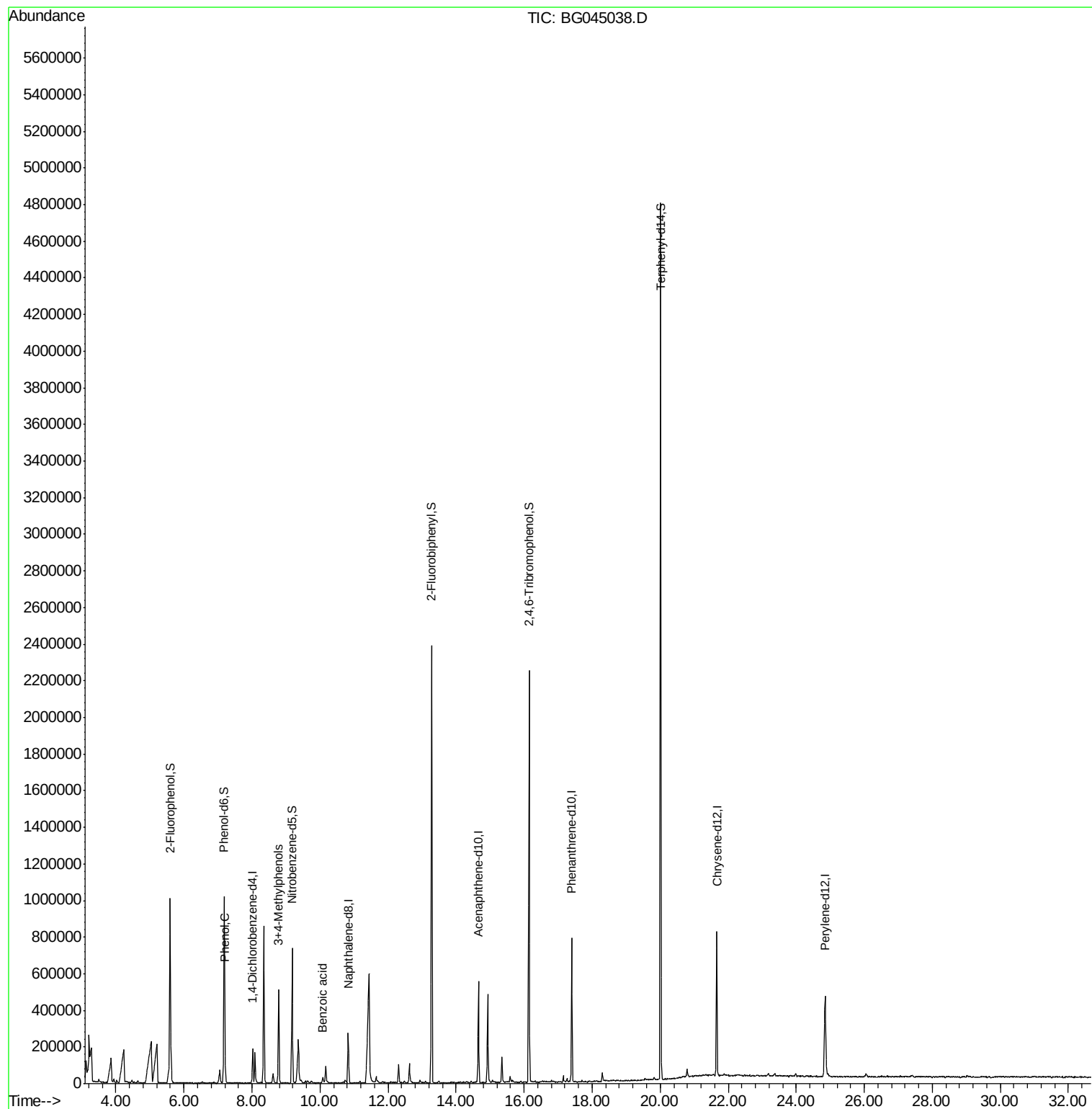
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	56651	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	242730	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	202482	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	495626	20.00	ng	0.00
76) Chrysene-d12	21.66	240	484188	20.00	ng	0.00
87) Perylene-d12	24.85	264	513350	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	433578	126.36	ng	0.00
7) Phenol-d6	7.18	99	641772	125.88	ng	0.00
23) Nitrobenzene-d5	9.18	82	491976	92.48	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	476010	152.17	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1281065	92.77	ng	0.00
79) Terphenyl-d14	20.01	244	2234774	100.60	ng	0.00
Target Compounds						
10) Phenol	7.21	94	63933	12.532	ng	84
20) 3+4-Methylphenols	8.79	107	251456	45.640	ng	91
32) Benzoic acid	10.07	122	13830	10.357	ng	92

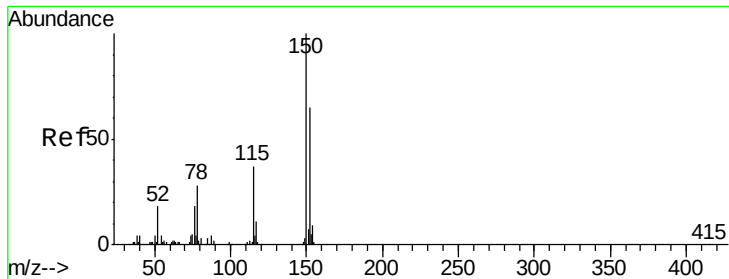
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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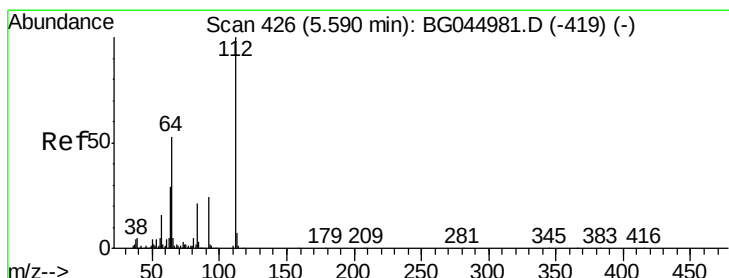
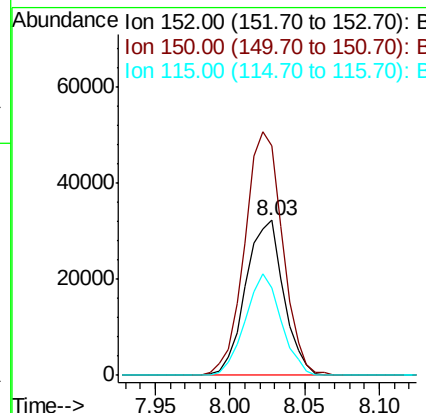
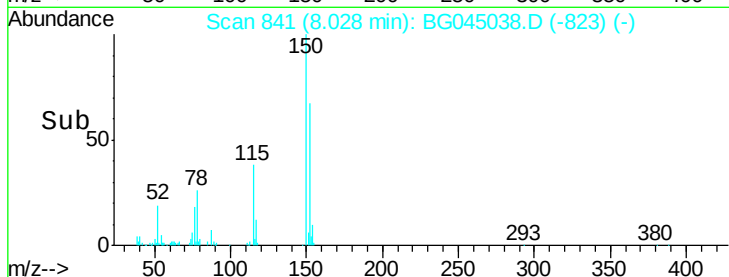
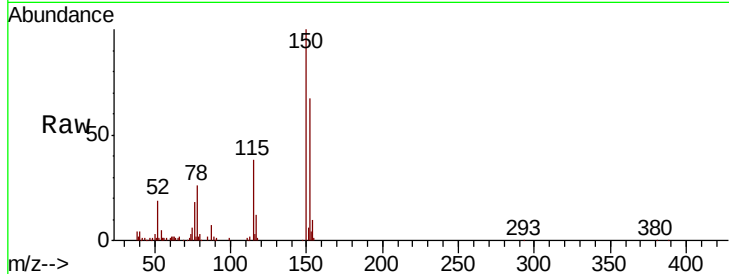




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. 0.00 min
Lab File: BG045038.D
Acq: 17 Apr 2020 18:26

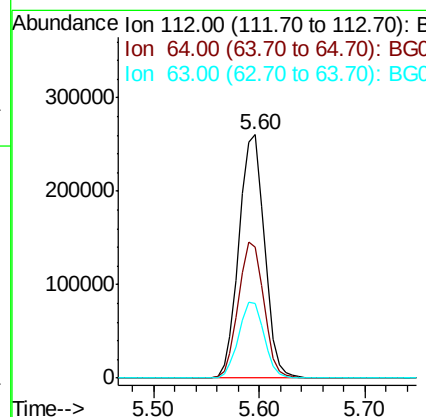
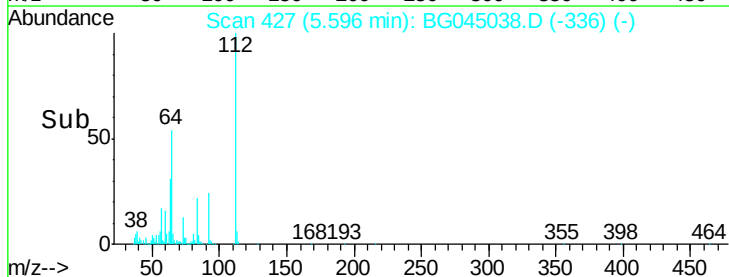
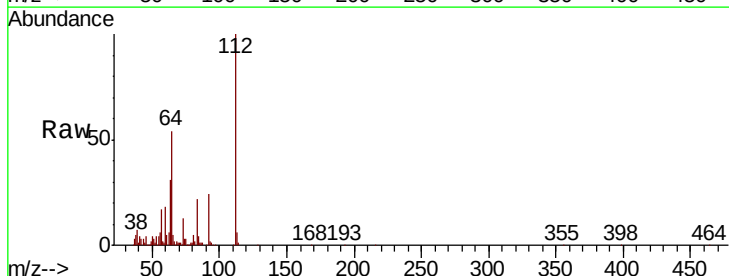
Instrument :
BNA_G
ClientSampleId :
WATER-RECLAIM-SYSTEM-SLUDG

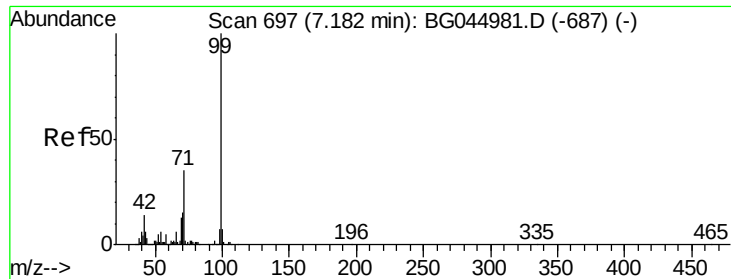
Tot Ion:152 Resp: 56651
Ion Ratio Lower Upper
152 100
150 148.2 123.6 185.4
115 56.7 49.1 73.7



#5
2-Fluorophenol
Concen: 126.355 ng
RT: 5.60 min Scan# 427
Delta R.T. 0.00 min
Lab File: BG045038.D
Acq: 17 Apr 2020 18:26

Tgt Ion:112 Resp: 433578
Ion Ratio Lower Upper
112 100
64 53.7 42.4 63.6
63 30.9 23.1 34.7





#7

Phenol-d6

Concen: 125.881 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG045038.D

Acq: 17 Apr 2020 18:26

Instrument :

BNA_G

ClientSampleId :

WATER-RECLAIM-SYSTEM-SLUDG

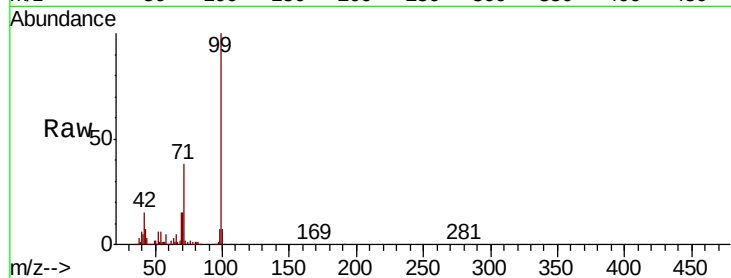
Tot Ion: 99 Resp: 641772

Ion Ratio Lower Upper

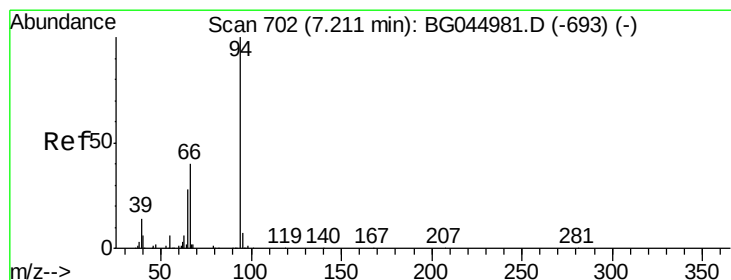
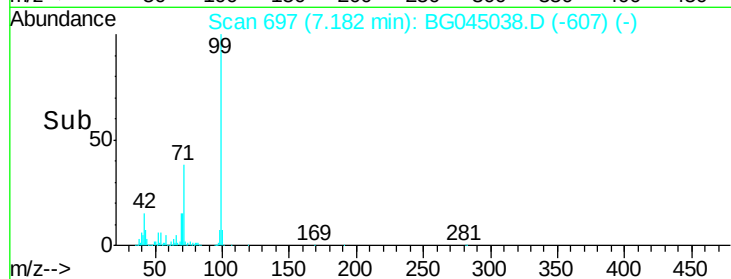
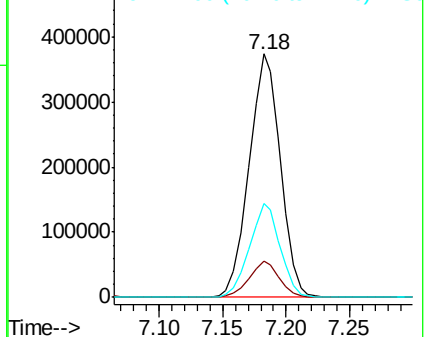
99 100

42 15.0 11.3 16.9

71 38.3 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



#10

Phenol

Concen: 12.532 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BG045038.D

Acq: 17 Apr 2020 18:26

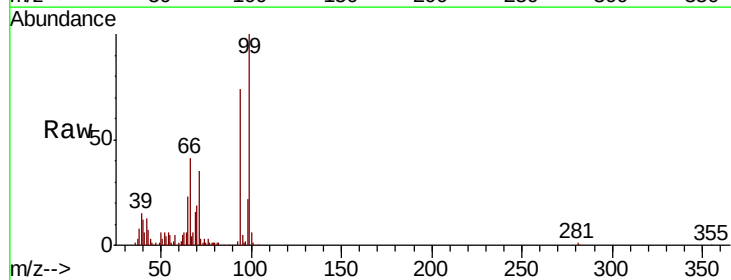
Tgt Ion: 94 Resp: 63933

Ion Ratio Lower Upper

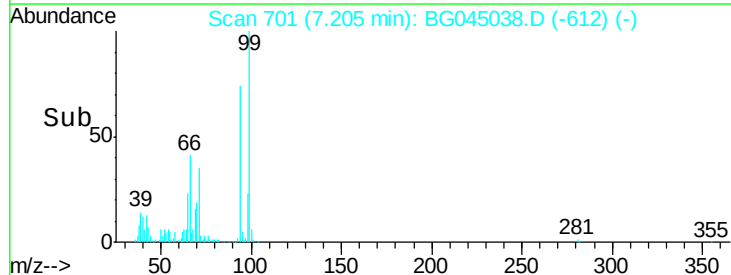
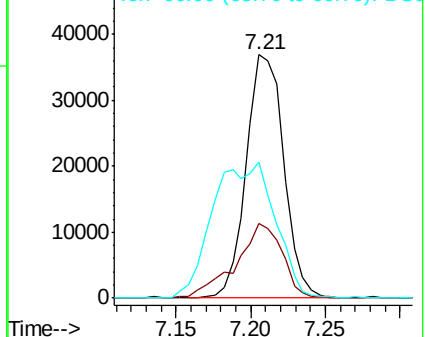
94 100

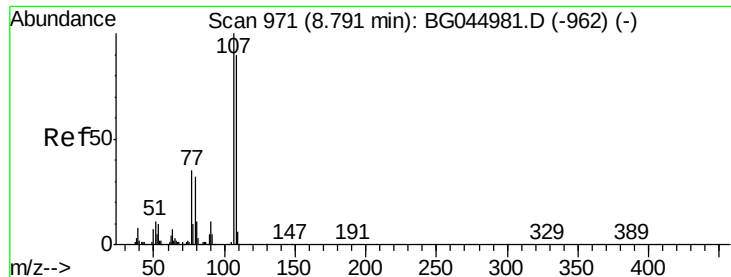
65 30.5 8.2 48.2

66 55.8 20.4 60.4



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#20

3+4-Methylphenols

Concen: 45.640 ng

RT: 8.79 min Scan# 970

Delta R.T. -0.01 min

Lab File: BG045038.D

Acq: 17 Apr 2020 18:26

Instrument :

BNA_G

ClientSampleId :

WATER-RECLAIM-SYSTEM-SLUDG

Tot Ion:107 Resp: 251456

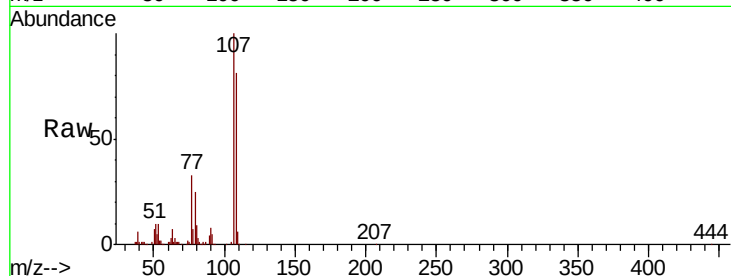
Ion Ratio Lower Upper

107 100

108 80.5 69.9 109.9

77 32.7 15.2 55.2

79 25.0 11.6 51.6

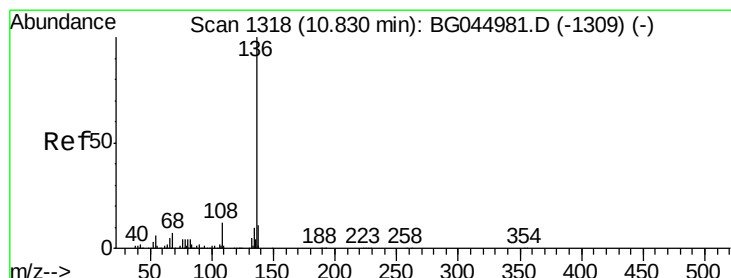
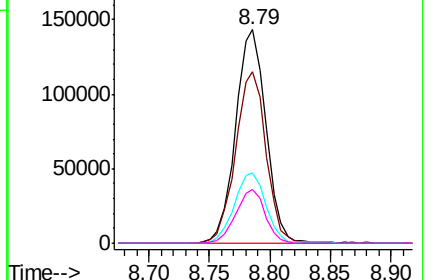
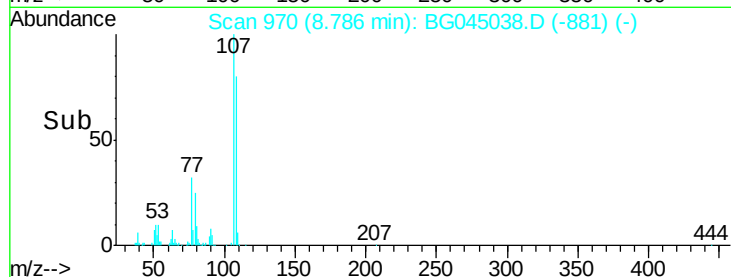


Abundance Ion 107.00 (106.70 to 107.70): E

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: BG045038.D

Acq: 17 Apr 2020 18:26

Tgt Ion:136 Resp: 242730

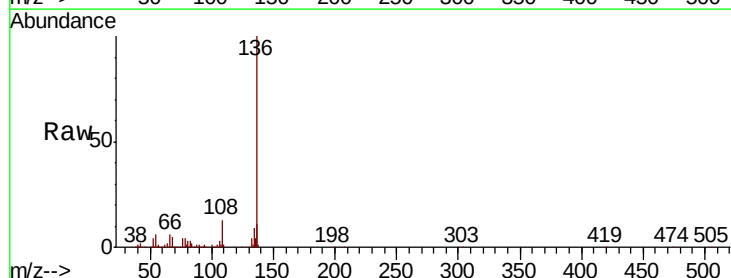
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 5.6 4.8 7.2

68 5.1 5.2 7.8#

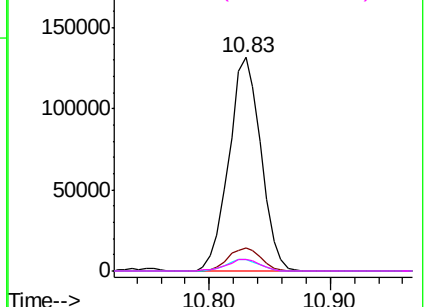
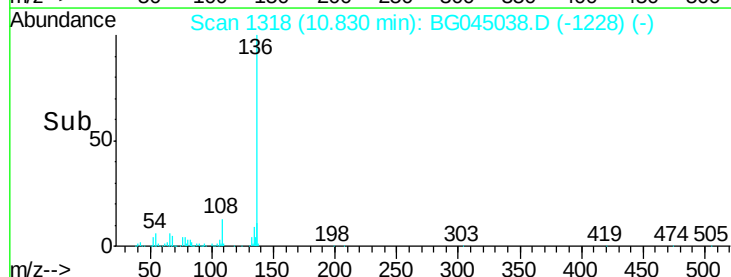


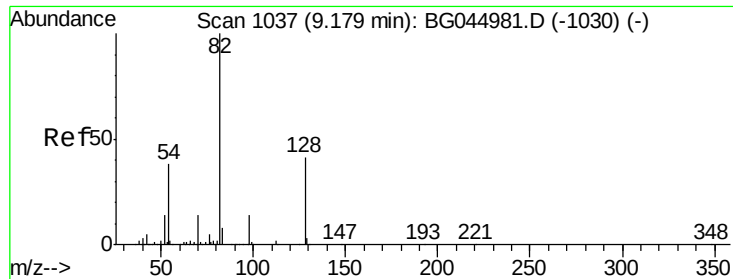
Abundance Ion 136.00 (135.70 to 136.70): E

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

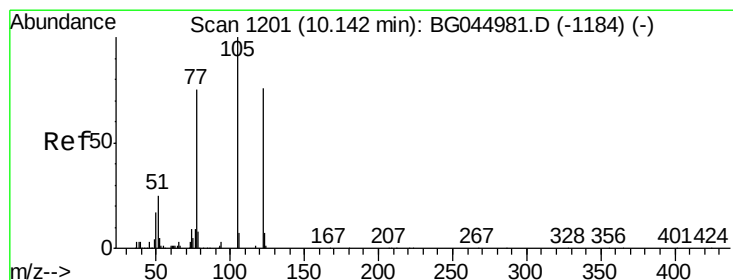
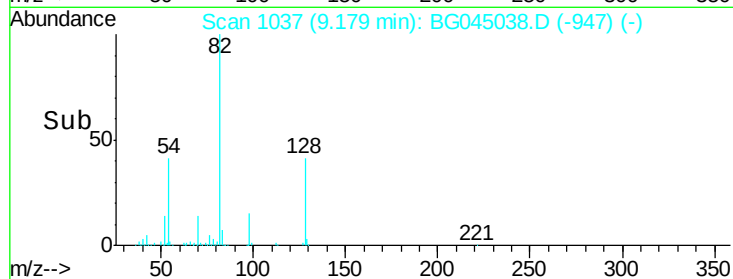
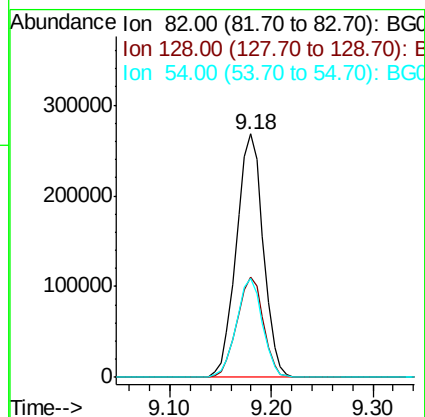
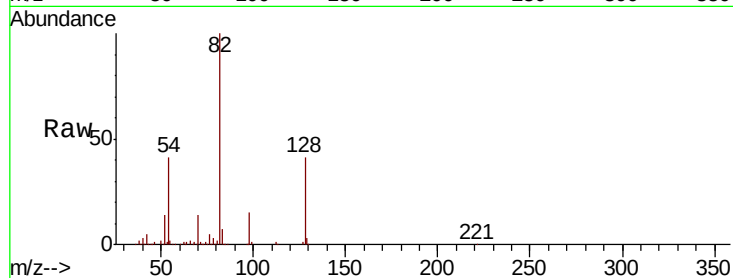




#23
Nitrobenzene-d5
Concen: 92.483 ng
RT: 9.18 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BG045038.D
Acq: 17 Apr 2020 18:26

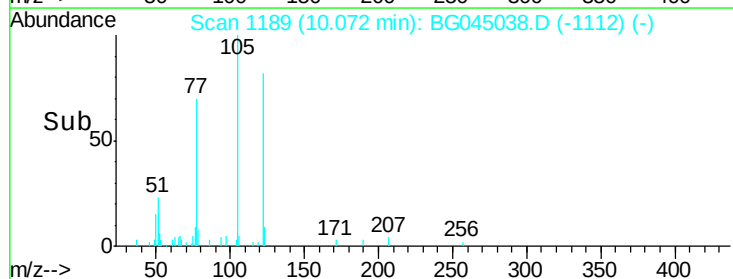
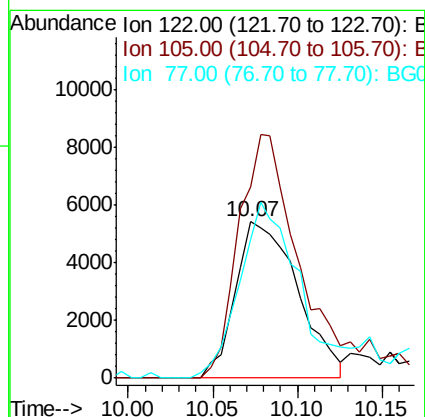
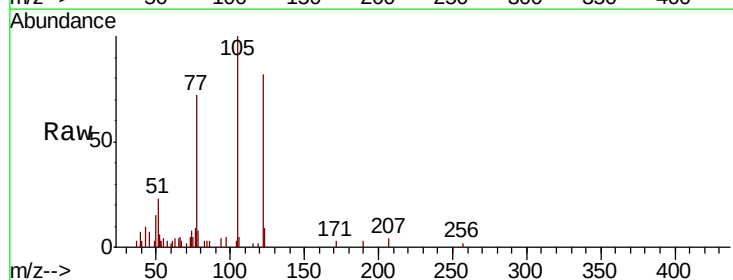
Instrument :
BNA_G
ClientSampleId :
WATER-RECLAIM-SYSTEM-SLUDG

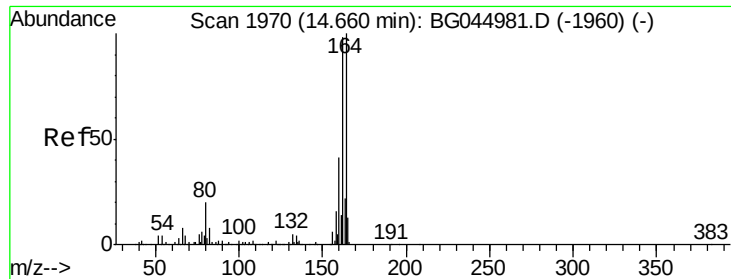
Tot Ion	82	Resp	491976
Ion Ratio	Lower	Upper	
82	100		
128	41.3	33.0	49.4
54	40.8	30.4	45.6



#32
Benzoic acid
Concen: 10.357 ng
RT: 10.07 min Scan# 1189
Delta R.T. -0.08 min
Lab File: BG045038.D
Acq: 17 Apr 2020 18:26

Tgt Ion	122	Resp	13830
Ion Ratio	Lower	Upper	
122	100		
105	122.0	108.4	148.4
77	88.4	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: BG045038.D

Acq: 17 Apr 2020 18:26

Instrument :

BNA_G

ClientSampleId :

WATER-RECLAIM-SYSTEM-SLUDG

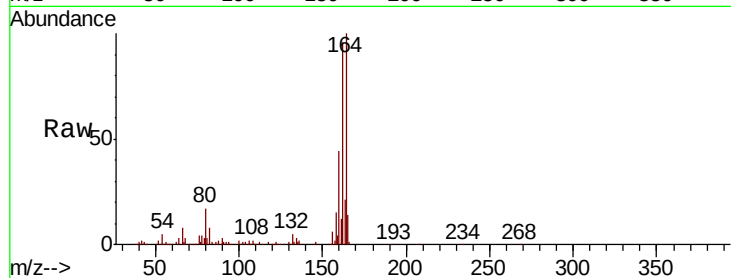
Tot Ion:164 Resp: 202482

Ion Ratio Lower Upper

164 100

162 96.1 78.7 118.1

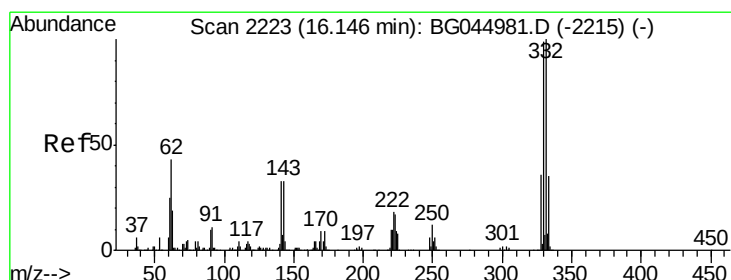
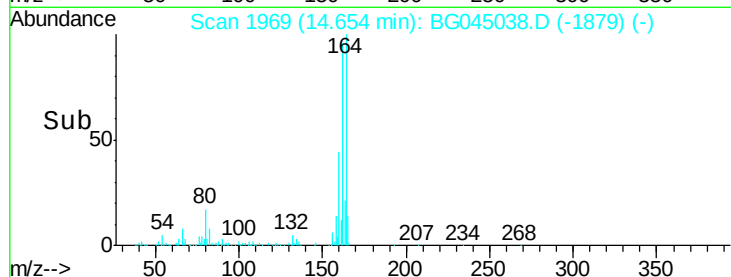
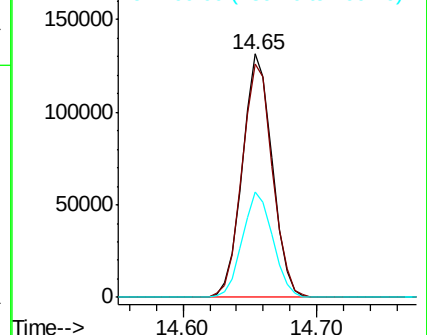
160 43.5 32.8 49.2



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



#42

2,4,6-Tribromophenol

Concen: 152.173 ng

RT: 16.15 min Scan# 2223

Delta R.T. 0.00 min

Lab File: BG045038.D

Acq: 17 Apr 2020 18:26

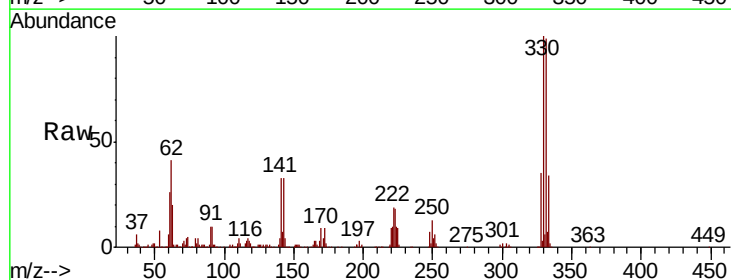
Tgt Ion:330 Resp: 476010

Ion Ratio Lower Upper

330 100

332 97.1 79.1 118.7

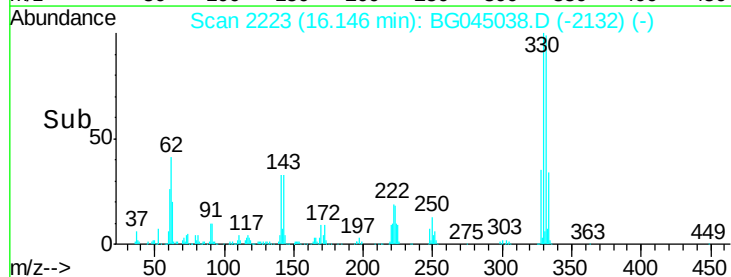
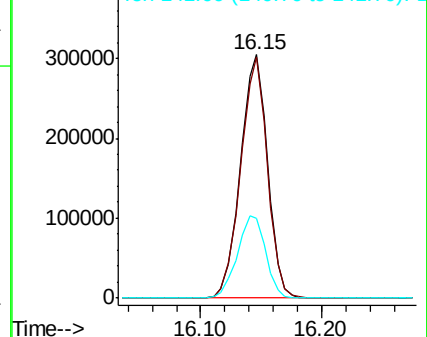
141 35.3 27.1 40.7

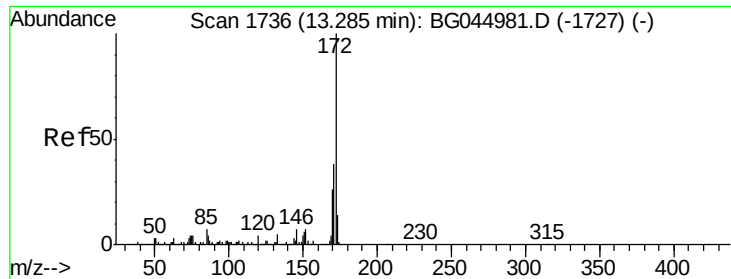


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 92.771 ng

RT: 13.28 min Scan# 1735

Delta R.T. -0.00 min

Lab File: BG045038.D

Acq: 17 Apr 2020 18:26

Instrument :

BNA_G

ClientSampleId :

WATER-RECLAIM-SYSTEM-SLUDG

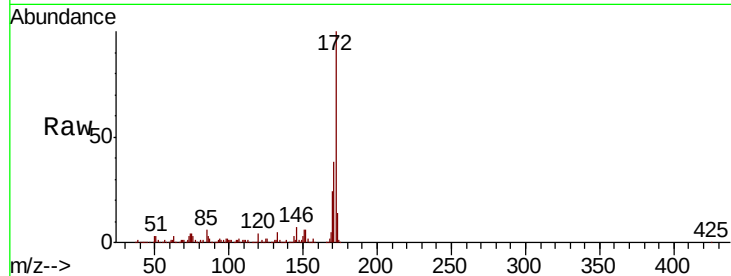
Tot Ion:172 Resp: 1281065

Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.6	46.0
170	24.0	20.5	30.7

172 100

171 38.1 30.6 46.0

170 24.0 20.5 30.7

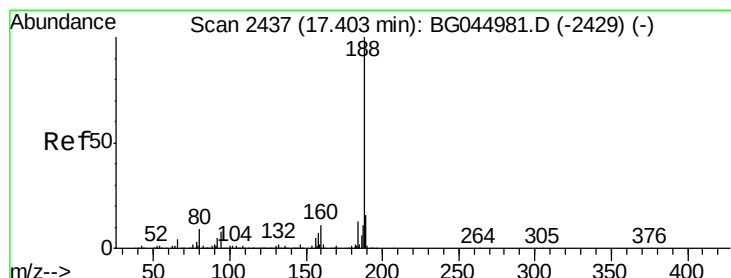
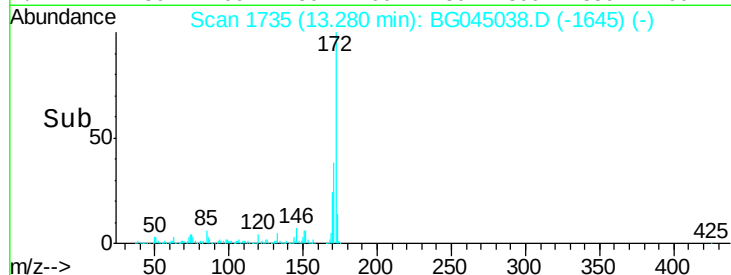
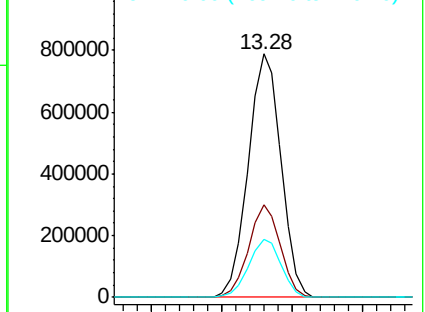


Abundance

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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2436

Delta R.T. -0.00 min

Lab File: BG045038.D

Acq: 17 Apr 2020 18:26

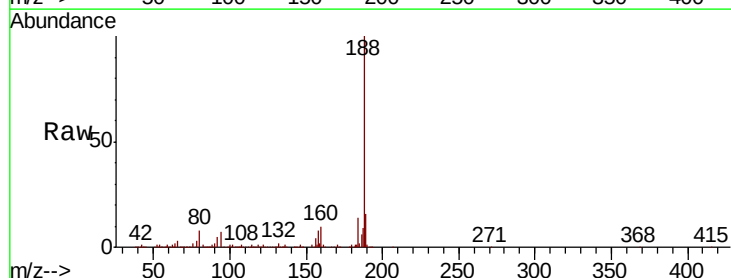
Tgt Ion:188 Resp: 495626

Ion	Ratio	Lower	Upper
188	100		
94	7.1	6.2	9.4
80	8.3	7.0	10.6

188 100

94 7.1 6.2 9.4

80 8.3 7.0 10.6

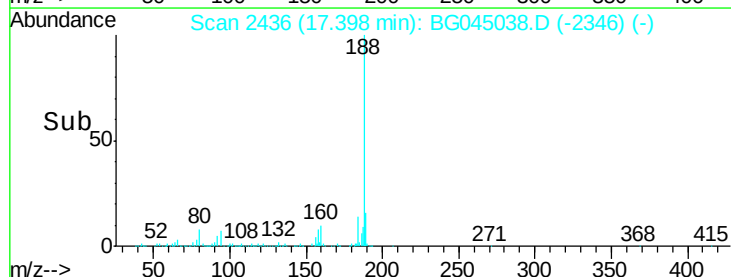
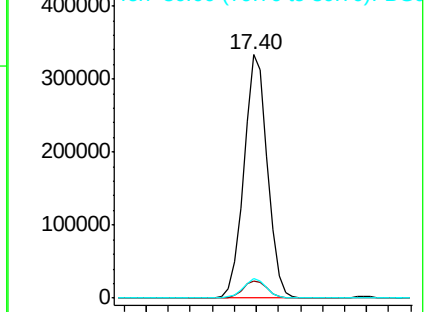


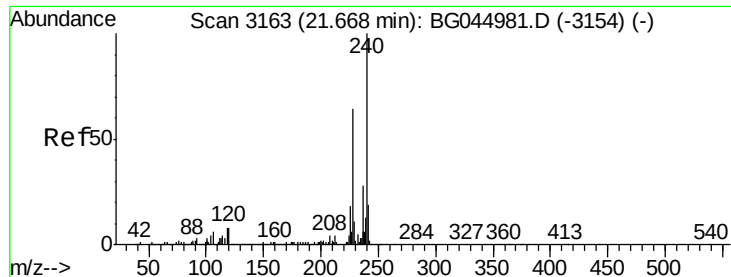
Abundance

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





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3162

Delta R.T. -0.00 min

Lab File: BG045038.D

Acq: 17 Apr 2020 18:26

Instrument :

BNA_G

ClientSampleId :

WATER-RECLAIM-SYSTEM-SLUDG

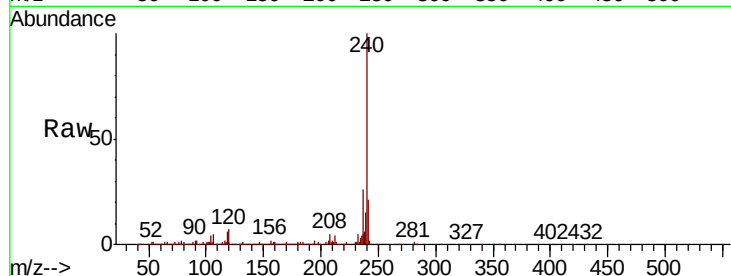
Tot Ion:240 Resp: 484188

Ion Ratio Lower Upper

240 100

120 6.9 6.6 10.0

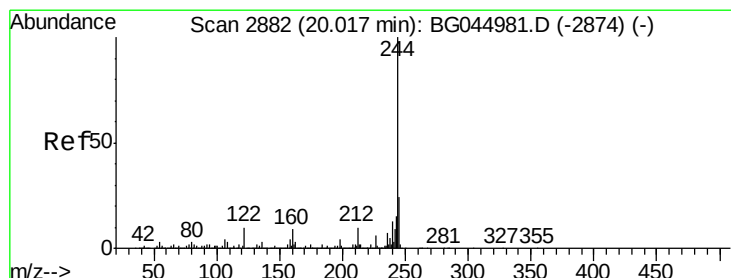
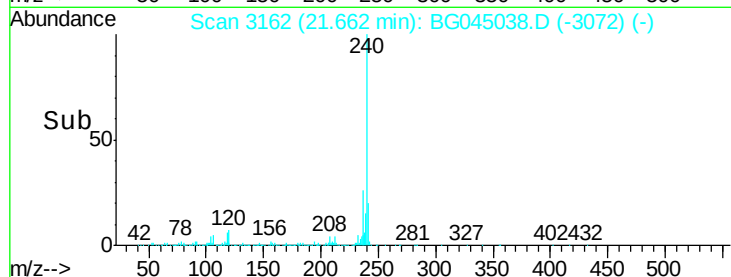
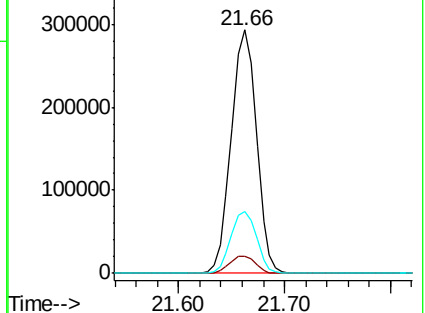
236 25.6 22.2 33.2



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: 100.598 ng

RT: 20.01 min Scan# 2881

Delta R.T. -0.00 min

Lab File: BG045038.D

Acq: 17 Apr 2020 18:26

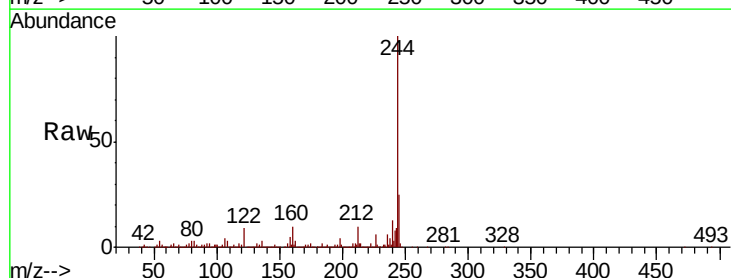
Tgt Ion:244 Resp: 2234774

Ion Ratio Lower Upper

244 100

212 10.5 7.9 11.9

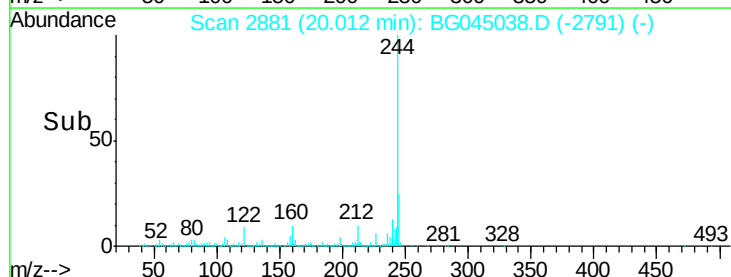
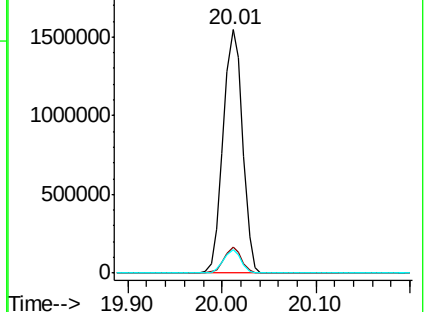
122 9.4 7.7 11.5

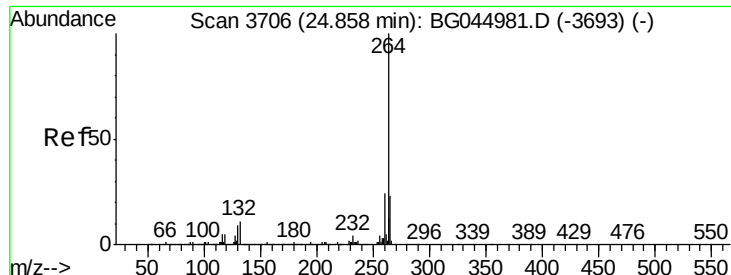


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

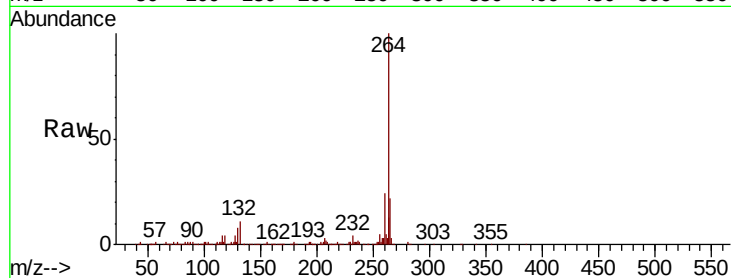




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3705
Delta R.T. -0.00 min
Lab File: BG045038.D
Acq: 17 Apr 2020 18:26

Instrument :
BNA_G
ClientSampleId :
WATER-RECLAIM-SYSTEM-SLUDG

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.8	19.0	28.4

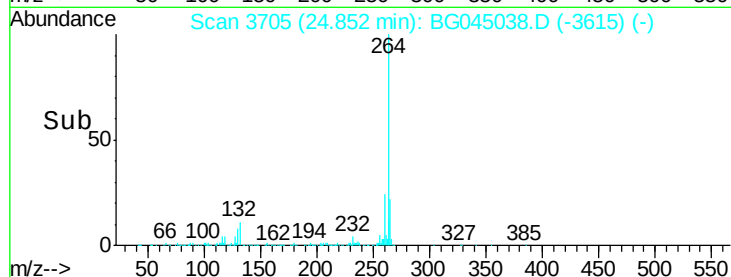
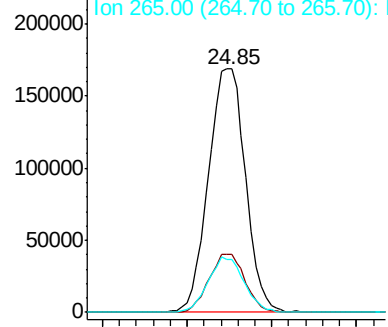


Abundance

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-->