

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
 Data File : BG045039.D
 Acq On : 17 Apr 2020 19:06
 Operator : CG/JU
 Sample : L2300-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Apr 17 19:45:10 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

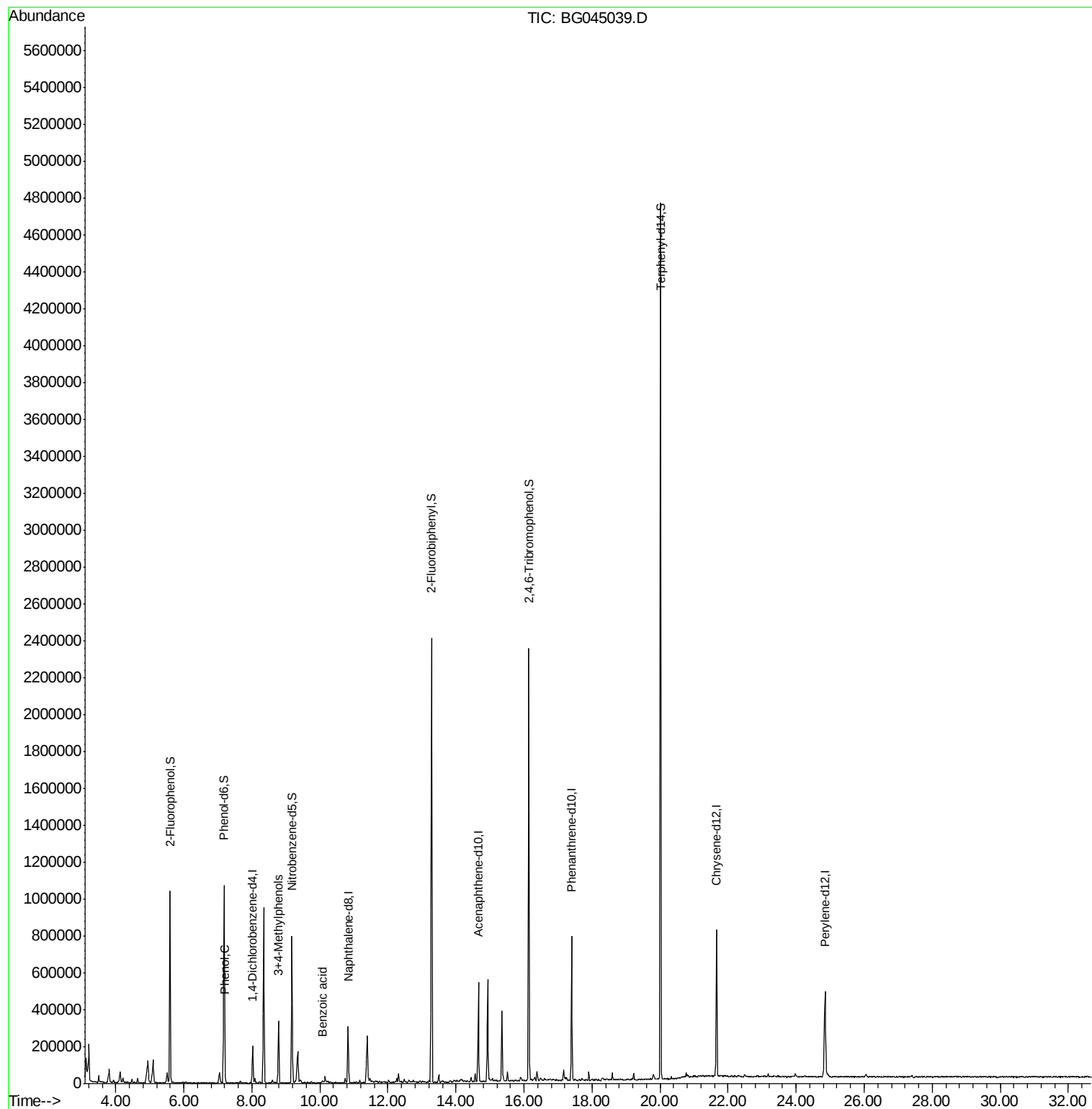
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	59901	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	258536	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	200256	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	492117	20.00	ng	0.00
76) Chrysene-d12	21.66	240	495226	20.00	ng	0.00
87) Perylene-d12	24.85	264	526244	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	492718	135.80	ng	0.00
7) Phenol-d6	7.18	99	704266	130.64	ng	0.00
23) Nitrobenzene-d5	9.18	82	530106	93.56	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	484313	156.55	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1325751	97.07	ng	0.00
79) Terphenyl-d14	20.02	244	2298872	101.18	ng	0.00
Target Compounds						
10) Phenol	7.21	94	23065	4.276	ng	84
20) 3+4-Methylphenols	8.78	107	162227	27.847	ng	92
32) Benzoic acid	10.06	122	5648	7.901	ng	# 58

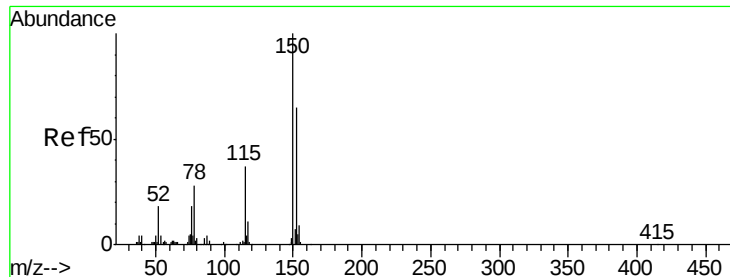
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
Data File : BG045039.D
Acq On : 17 Apr 2020 19:06
Operator : CG/JU
Sample : L2300-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Apr 17 19:45:10 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

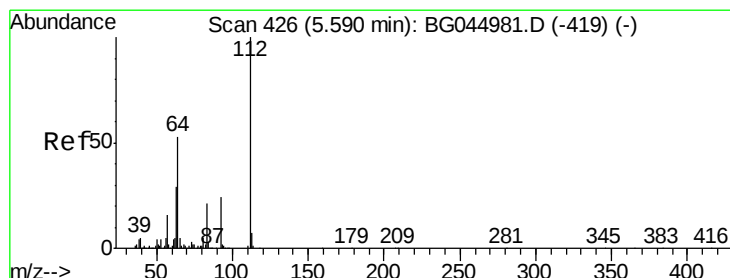
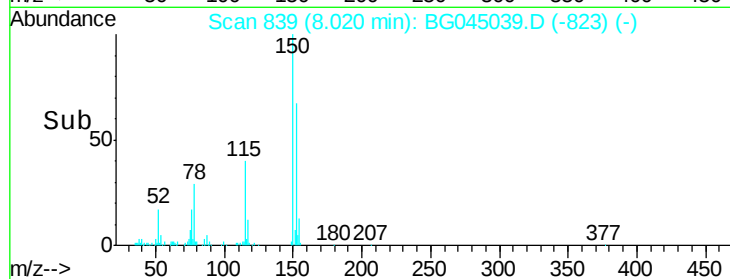
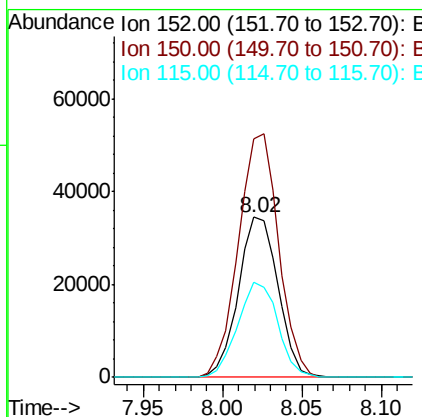
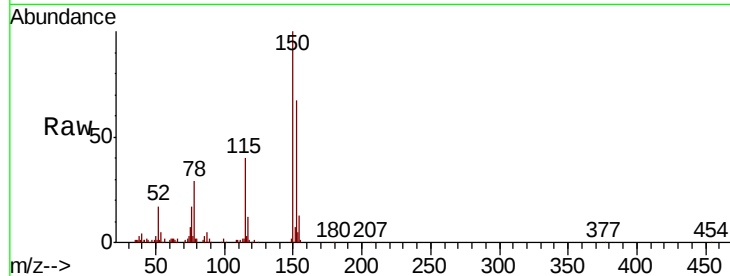




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.02 min Scan# 839
 Delta R.T. -0.01 min
 Lab File: BG045039.D
 Acq: 17 Apr 2020 19:06

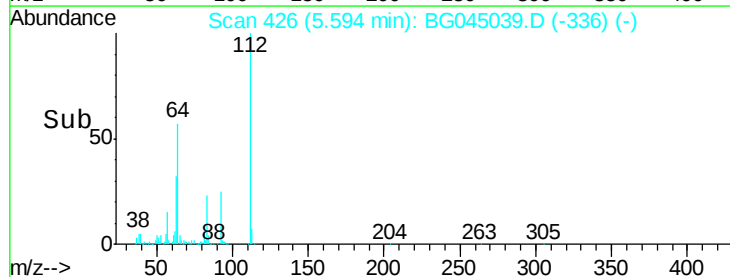
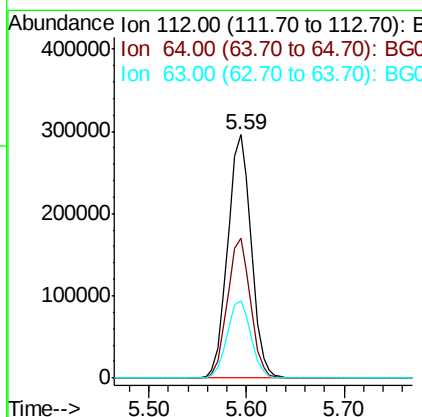
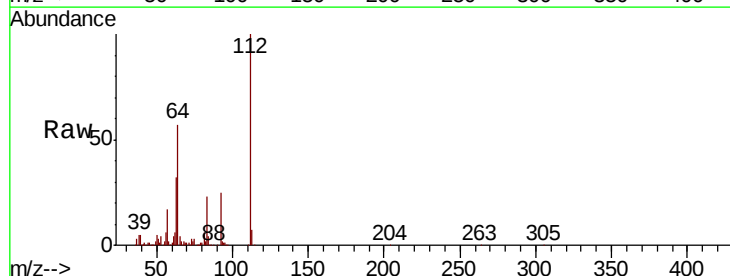
Instrument :
 BNA_G
 ClientSampleId :
 WATER-RECLAIM-SYSTEM-SEDIM

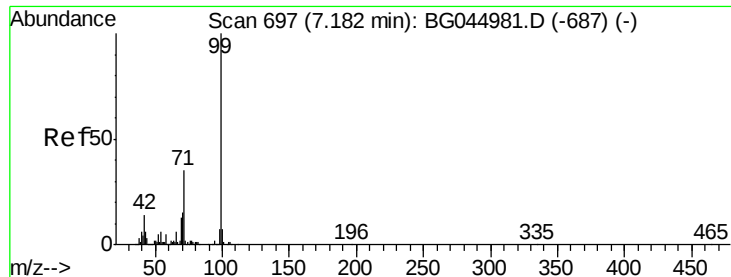
Tot Ion:	152	Resp:	59901
Ion	Ratio	Lower	Upper
152	100		
150	149.0	123.6	185.4
115	59.5	49.1	73.7



#5
 2-Fluorophenol
 Concen: 135.799 ng
 RT: 5.59 min Scan# 426
 Delta R.T. 0.00 min
 Lab File: BG045039.D
 Acq: 17 Apr 2020 19:06

Tgt Ion:	112	Resp:	492718
Ion	Ratio	Lower	Upper
112	100		
64	57.4	42.4	63.6
63	31.7	23.1	34.7





#7

Phenol-d6

Concen: 130.644 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BG045039.D

Acq: 17 Apr 2020 19:06

Instrument :

BNA_G

ClientSampleId :

WATER-RECLAIM-SYSTEM-SEDIM

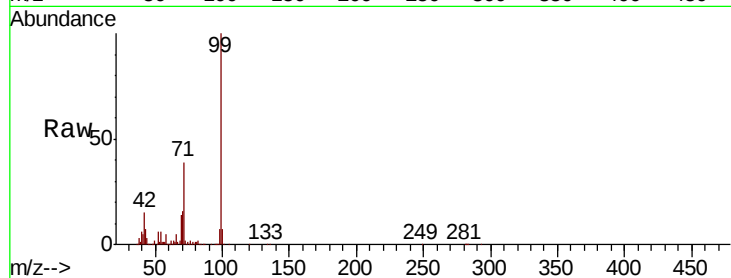
Tot Ion: 99 Resp: 704266

Ion Ratio Lower Upper

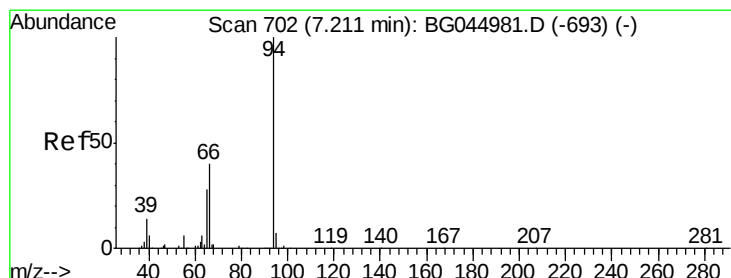
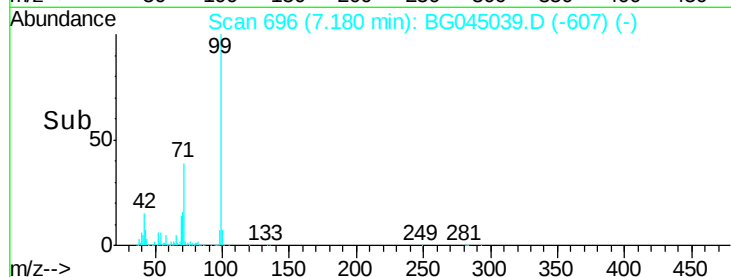
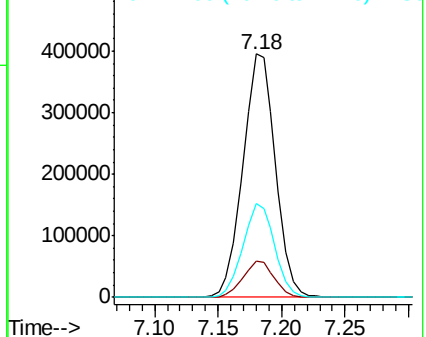
99 100

42 14.7 11.3 16.9

71 38.8 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: 4.276 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BG045039.D

Acq: 17 Apr 2020 19:06

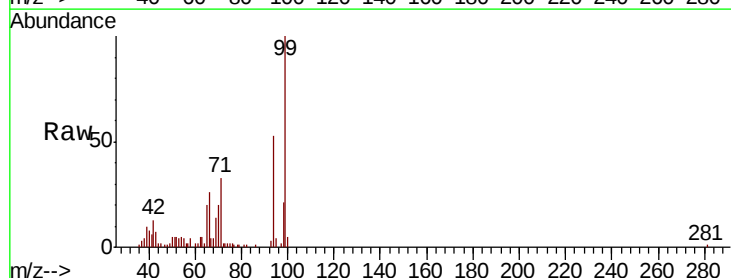
Tgt Ion: 94 Resp: 23065

Ion Ratio Lower Upper

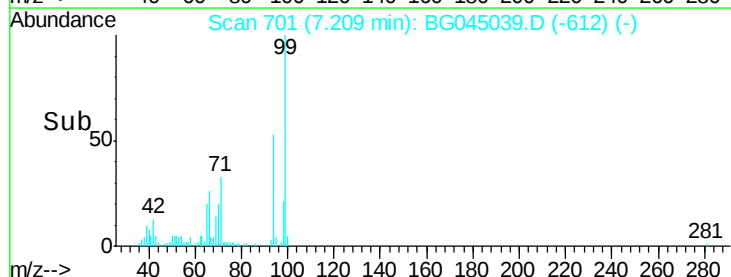
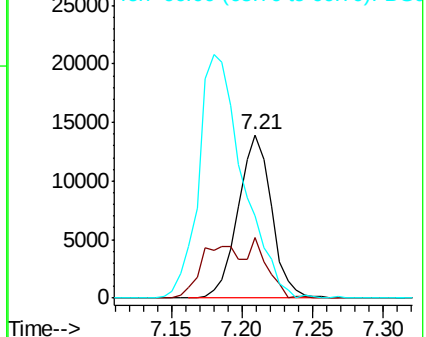
94 100

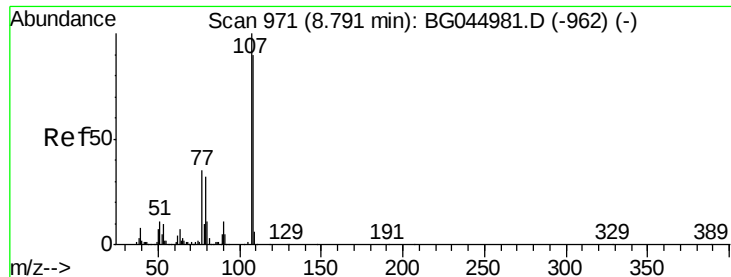
65 37.4 8.2 48.2

66 50.2 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

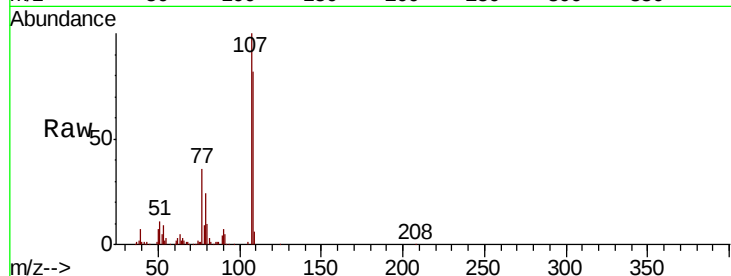




#20
3+4-Methylphenols
Concen: 27.847 ng
RT: 8.78 min Scan# 969
Delta R.T. -0.01 min
Lab File: BG045039.D
Acq: 17 Apr 2020 19:06

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

Tot Ion:107	Resp:	162227
Ion Ratio	Lower	Upper
107	100	
108	81.6	69.9 109.9
77	35.7	15.2 55.2
79	23.7	11.6 51.6



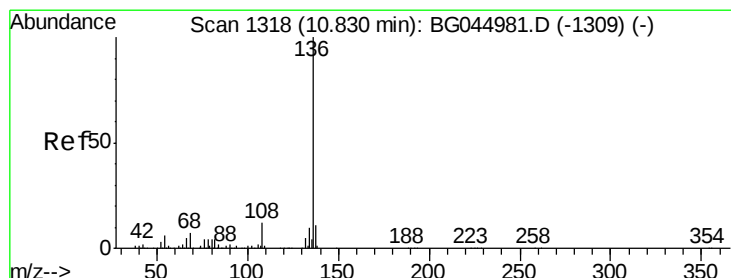
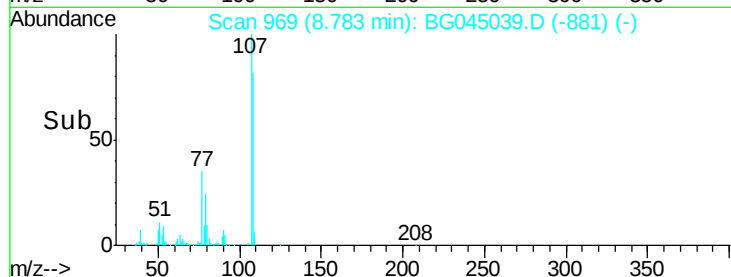
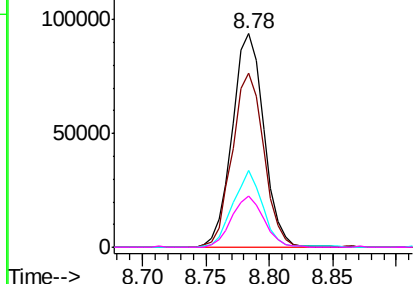
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

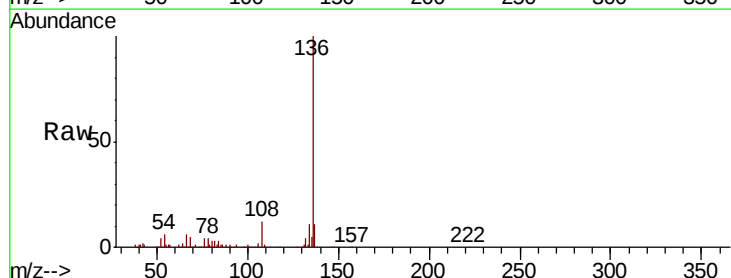
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BG045039.D
Acq: 17 Apr 2020 19:06

Tgt Ion:136	Resp:	258536
Ion Ratio	Lower	Upper
136	100	
137	10.5	8.6 13.0
54	5.7	4.8 7.2
68	5.3	5.2 7.8



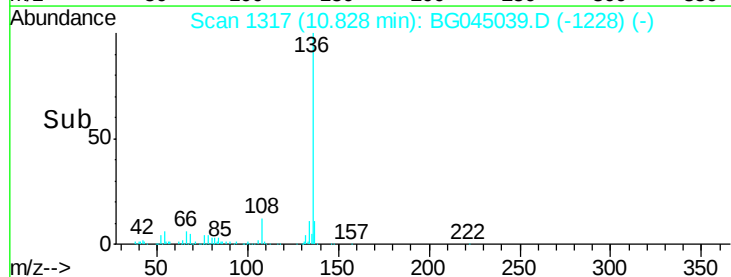
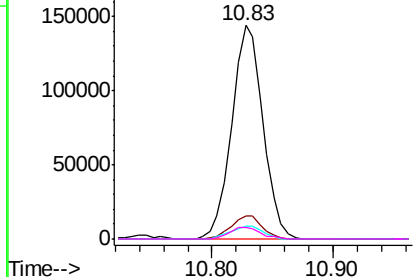
Abundance

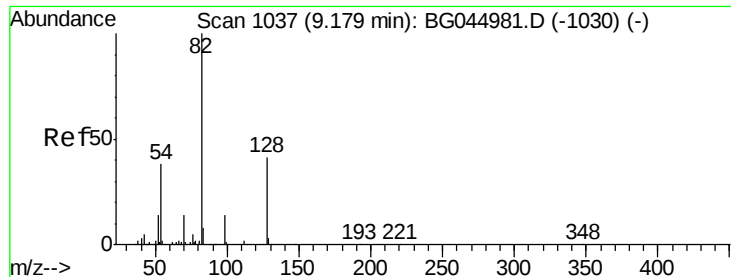
Ion 136.00 (135.70 to 136.70): E

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

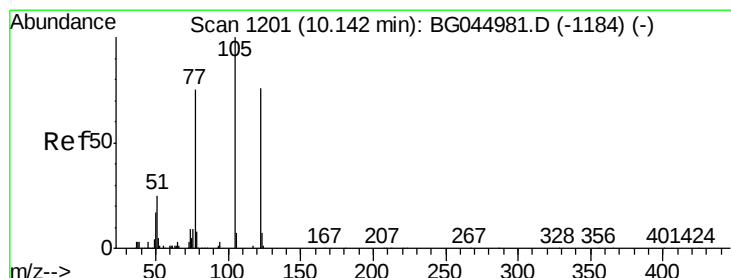
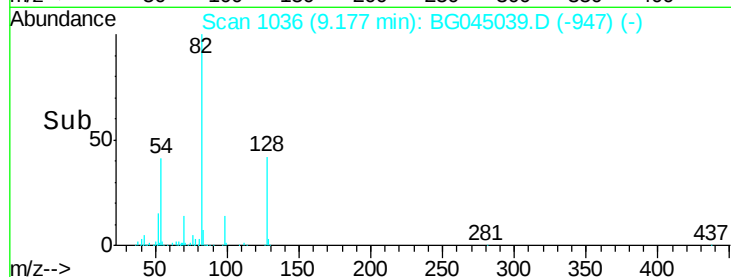
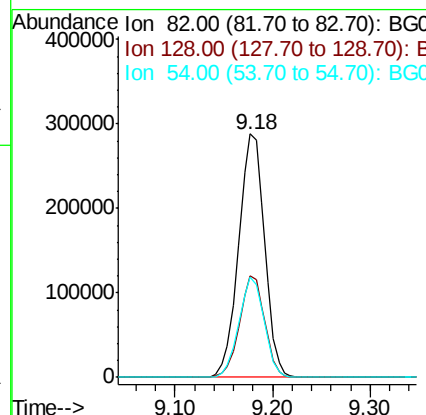
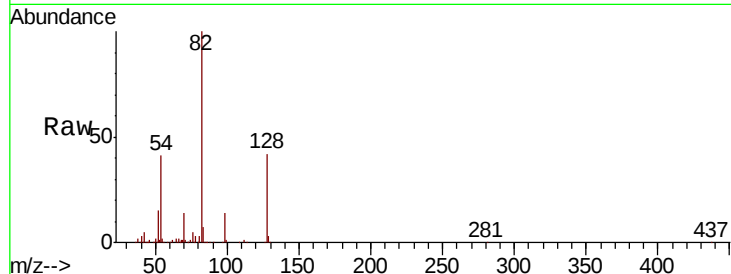




#23
 Nitrobenzene-d5
 Concen: 93.558 ng
 RT: 9.18 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: BG045039.D
 Acq: 17 Apr 2020 19:06

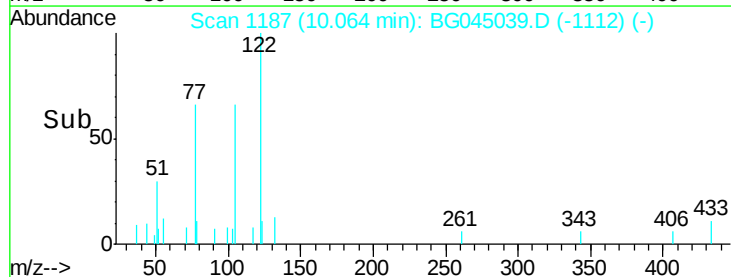
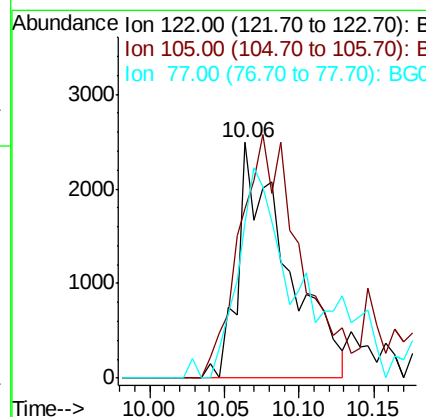
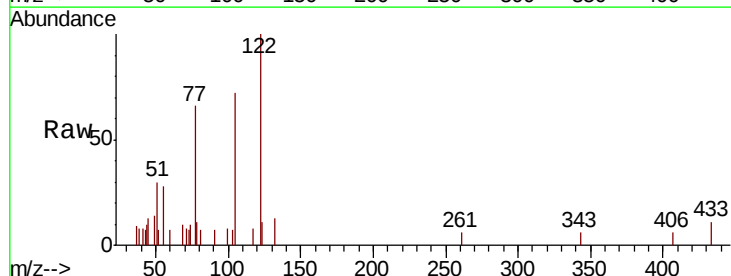
Instrument :
 BNA_G
 ClientSampleId :
 WATER-RECLAIM-SYSTEM-SEDIM

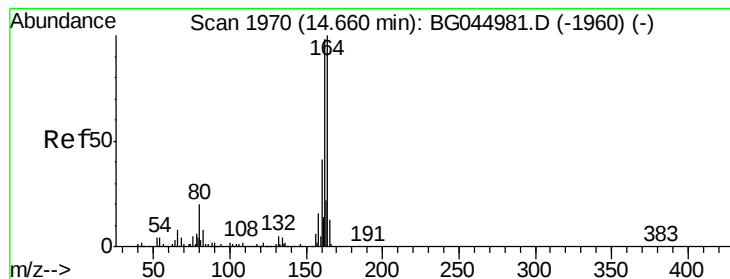
Tot Ion	Ratio	Lower	Upper
82	100		
128	41.8	33.0	49.4
54	41.4	30.4	45.6



#32
 Benzoic acid
 Concen: 7.901 ng
 RT: 10.06 min Scan# 1187
 Delta R.T. -0.09 min
 Lab File: BG045039.D
 Acq: 17 Apr 2020 19:06

Tgt Ion	Ratio	Lower	Upper
122	100		
105	71.7	108.4	148.4#
77	65.8	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: BG045039.D

Acq: 17 Apr 2020 19:06

Instrument :

BNA_G

ClientSampleId :

WATER-RECLAIM-SYSTEM-SEDIM

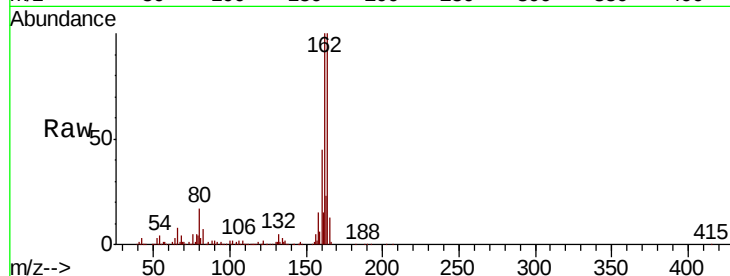
Tot Ion:164 Resp: 200256

Ion Ratio Lower Upper

164 100

162 99.8 78.7 118.1

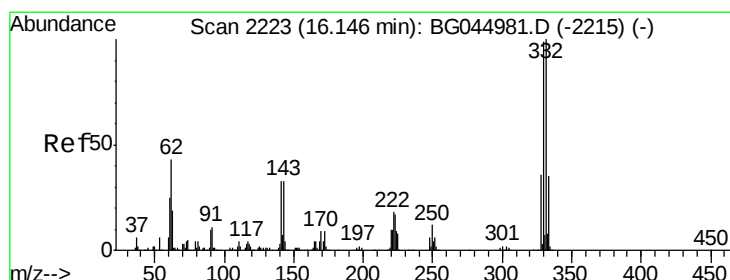
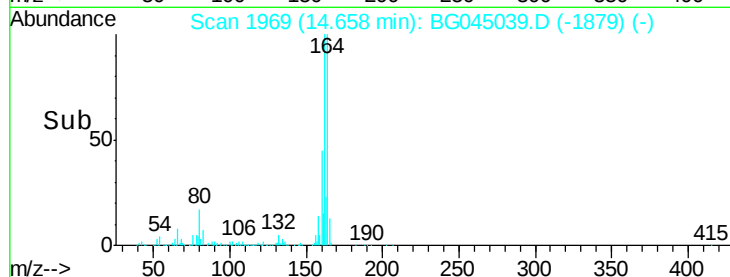
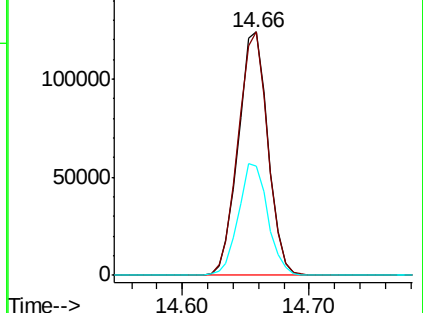
160 45.1 32.8 49.2



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: 156.548 ng

RT: 16.14 min Scan# 2222

Delta R.T. 0.00 min

Lab File: BG045039.D

Acq: 17 Apr 2020 19:06

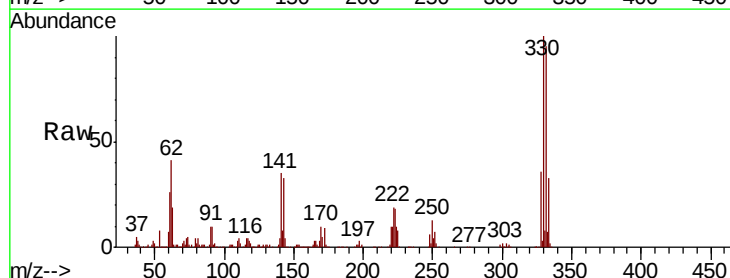
Tgt Ion:330 Resp: 484313

Ion Ratio Lower Upper

330 100

332 96.0 79.1 118.7

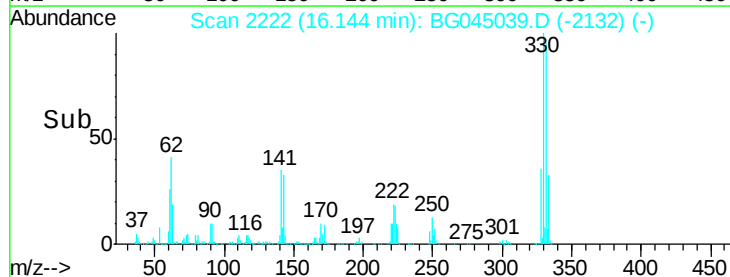
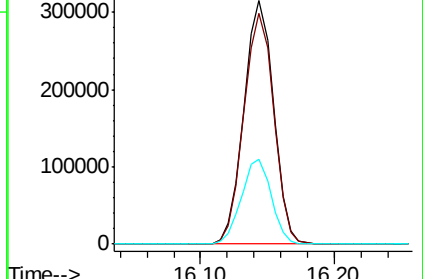
141 35.2 27.1 40.7

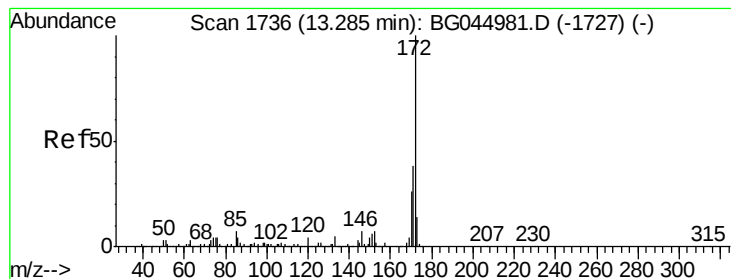


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 97.074 ng

RT: 13.28 min Scan# 1735

Delta R.T. 0.00 min

Lab File: BG045039.D

Acq: 17 Apr 2020 19:06

Instrument :

BNA_G

ClientSampleId :

WATER-RECLAIM-SYSTEM-SEDIM

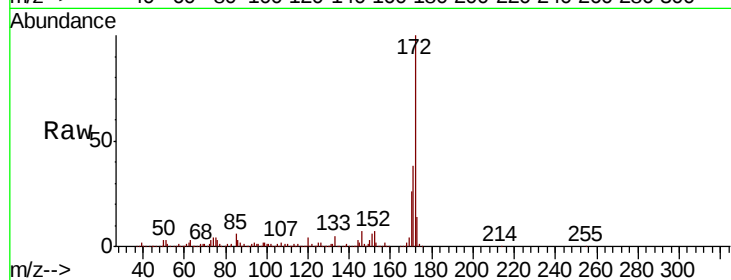
Tot Ion:172 Resp: 1325751

Ion Ratio Lower Upper

172 100

171 38.2 30.6 46.0

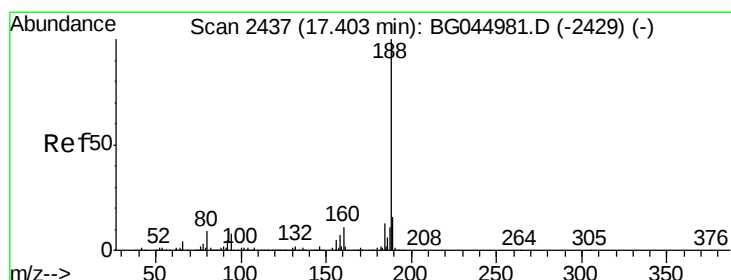
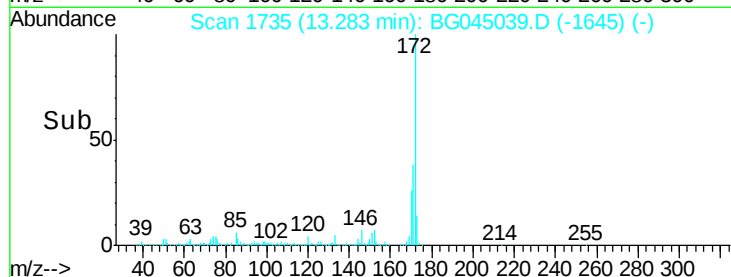
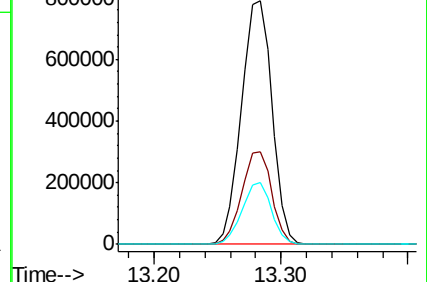
170 25.5 20.5 30.7



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: BG045039.D

Acq: 17 Apr 2020 19:06

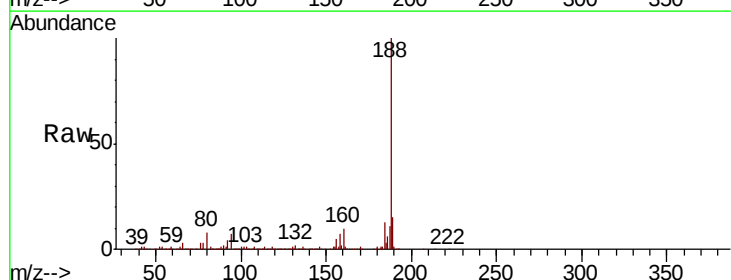
Tgt Ion:188 Resp: 492117

Ion Ratio Lower Upper

188 100

94 6.9 6.2 9.4

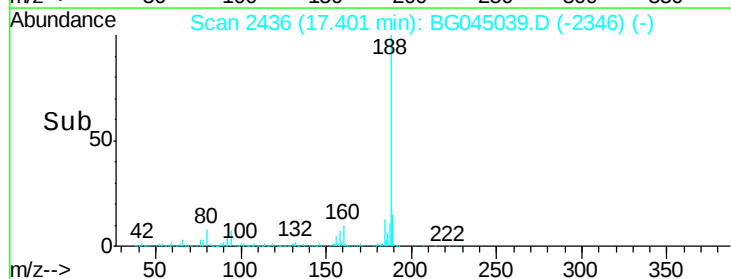
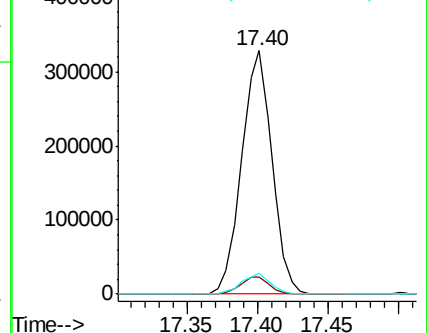
80 8.5 7.0 10.6

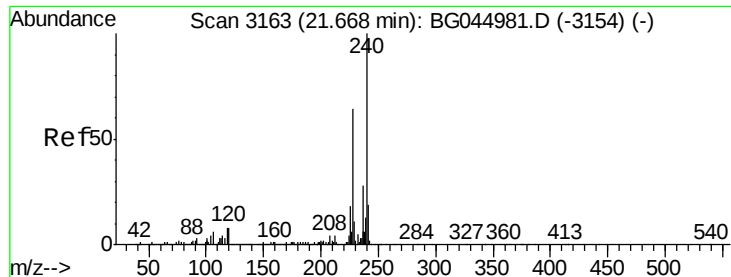


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0

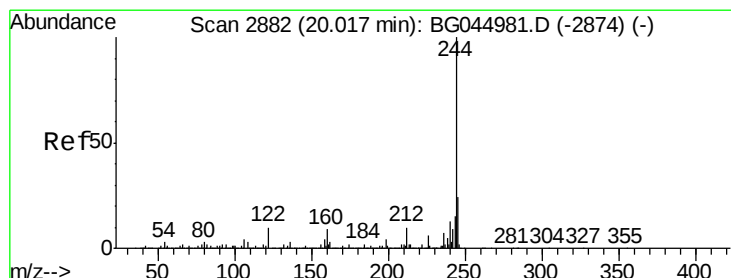
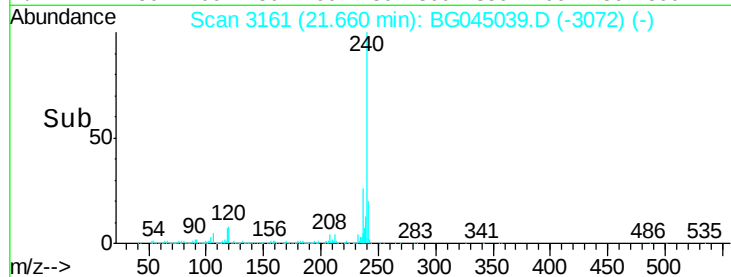
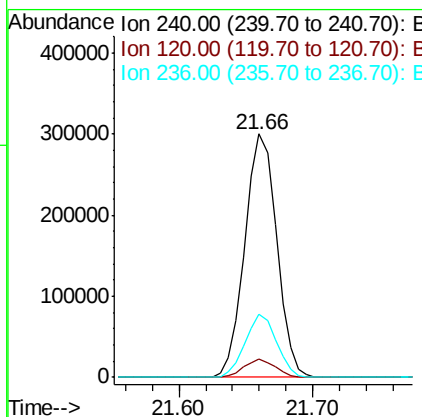
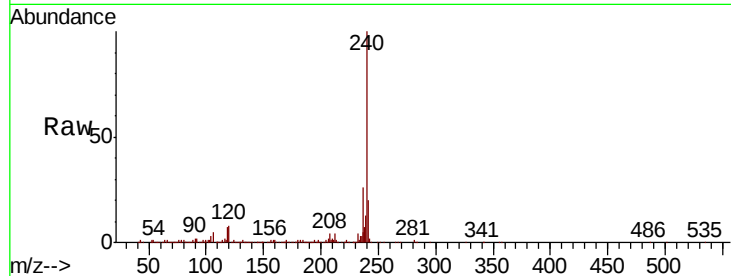




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3161
Delta R.T. -0.01 min
Lab File: BG045039.D
Acq: 17 Apr 2020 19:06

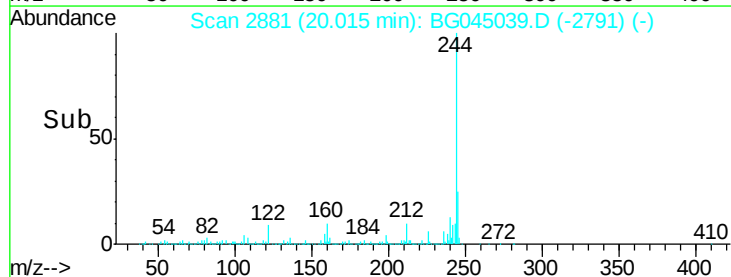
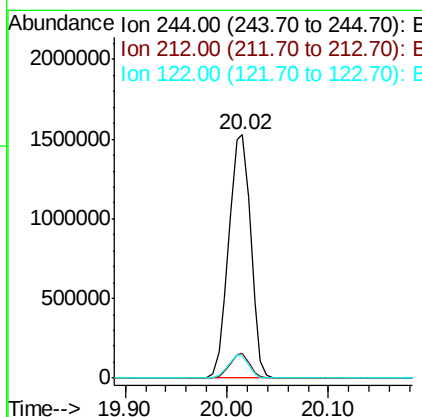
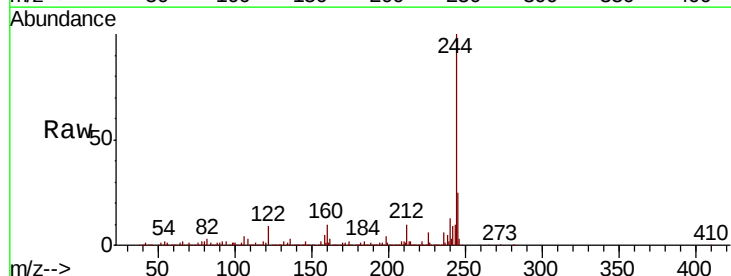
Instrument :
BNA_G
ClientSampleId :
WATER-RECLAIM-SYSTEM-SEDIM

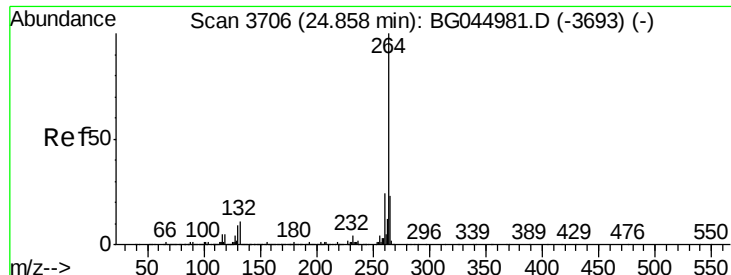
Tot Ion:240 Resp: 495226
Ion Ratio Lower Upper
240 100
120 7.5 6.6 10.0
236 25.9 22.2 33.2



#79
Terphenyl-d14
Concen: 101.177 ng
RT: 20.02 min Scan# 2881
Delta R.T. 0.00 min
Lab File: BG045039.D
Acq: 17 Apr 2020 19:06

Tgt Ion:244 Resp: 2298872
Ion Ratio Lower Upper
244 100
212 10.1 7.9 11.9
122 9.4 7.7 11.5

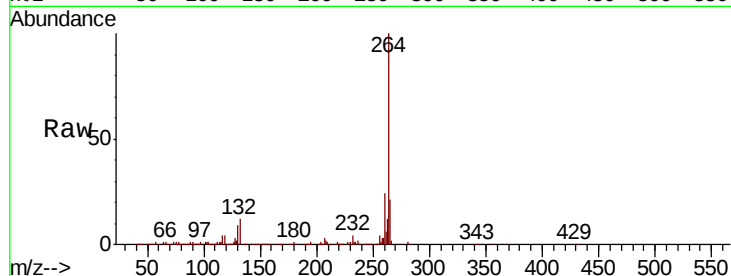




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.85 min Scan# 3704
 Delta R.T. -0.01 min
 Lab File: BG045039.D
 Acq: 17 Apr 2020 19:06

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

Tot Ion:	264	Resp:	526244
Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.3	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

