

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041520\
 Data File : BG045003.D
 Acq On : 16 Apr 2020 4:54
 Operator : CG/JU
 Sample : L2278-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WATER-RECLAMATION-PIT

Quant Time: Apr 16 05:48:48 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

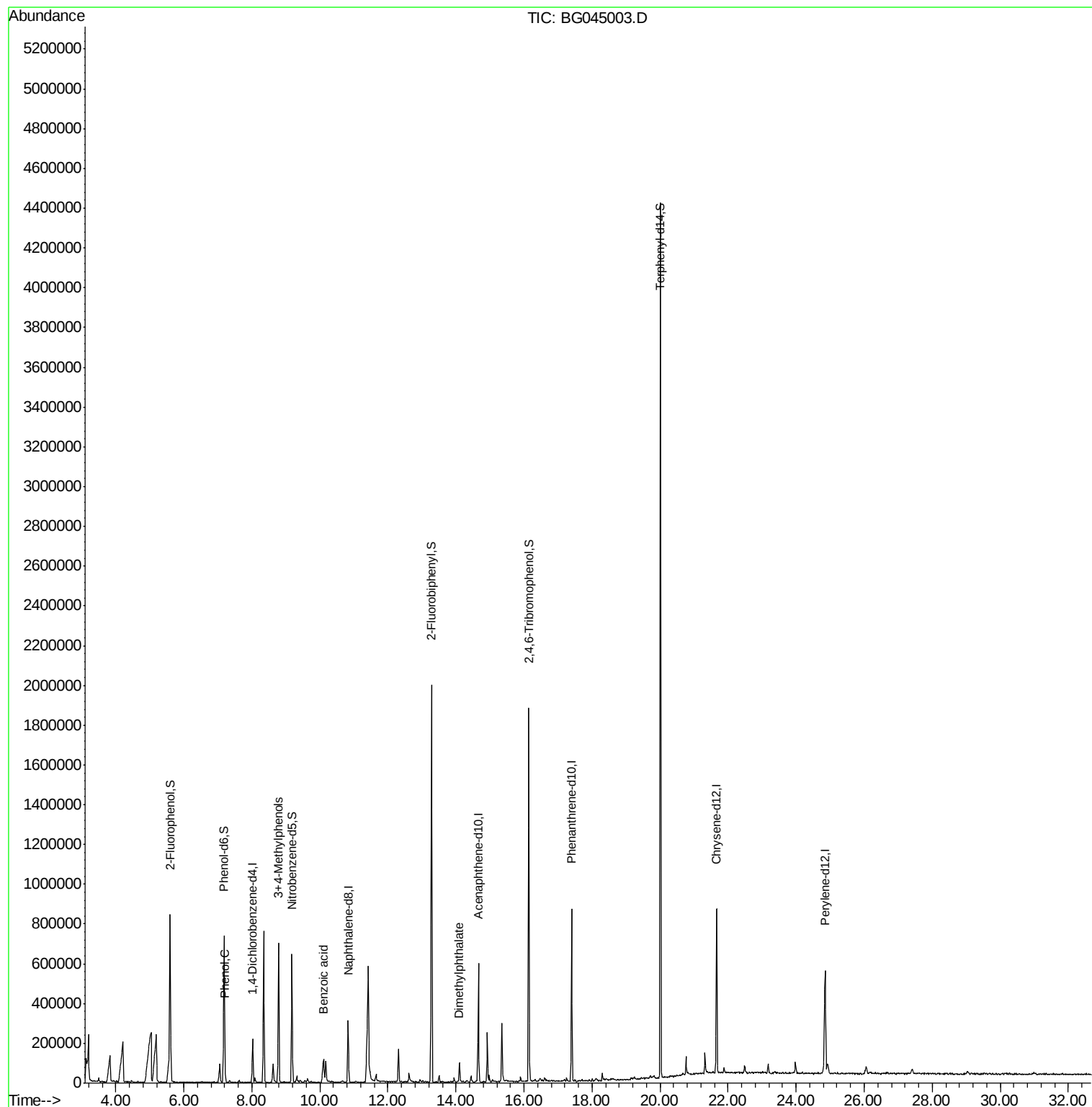
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	65999	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	283001	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	219786	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	551898	20.00	ng	0.00
76) Chrysene-d12	21.67	240	527103	20.00	ng	0.00
87) Perylene-d12	24.85	264	585420	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	329168	82.34	ng	0.00
7) Phenol-d6	7.18	99	495166	83.37	ng	0.00
23) Nitrobenzene-d5	9.18	82	437008	70.46	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	388684	114.47	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1103308	73.61	ng	0.00
79) Terphenyl-d14	20.01	244	2088333	86.35	ng	0.00
Target Compounds						
10) Phenol	7.21	94	44395	7.469	ng	98
20) 3+4-Methylphenols	8.78	107	335544	52.276	ng	90
32) Benzoic acid	10.10	122	76525	25.280	ng	94
50) Dimethylphthalate	14.11	163	66373	3.709	ng	97

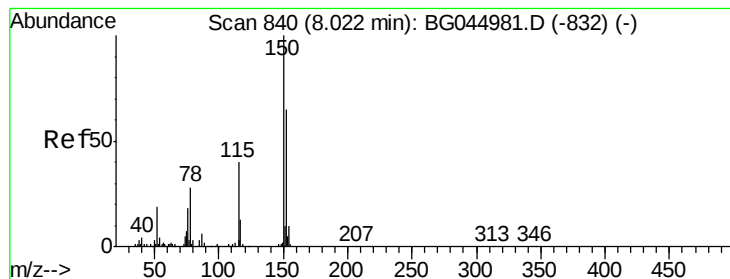
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.03 min Scan# 840

Delta R.T. 0.00 min

Lab File: BG045003.D

Acq: 16 Apr 2020 4:54

Instrument :

BNA_G

ClientSampleId :

WATER-RECLAMATION-PIT

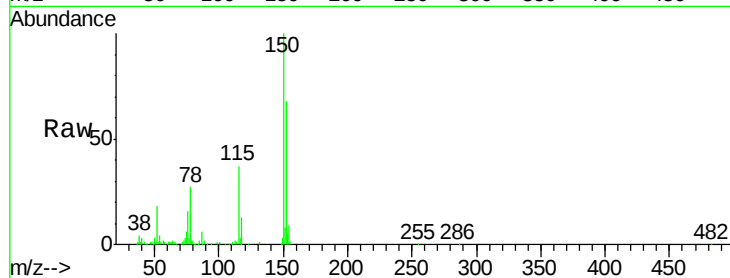
Tot Ion:152 Resp: 65999

Ion Ratio Lower Upper

152 100

150 147.3 123.6 185.4

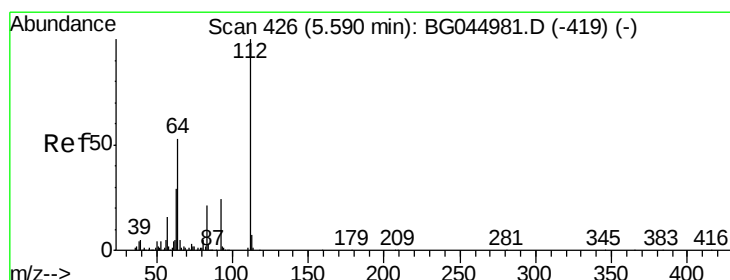
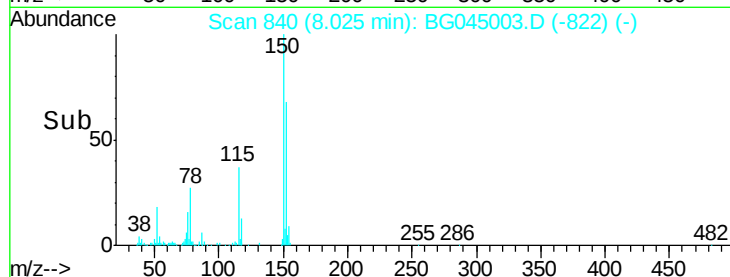
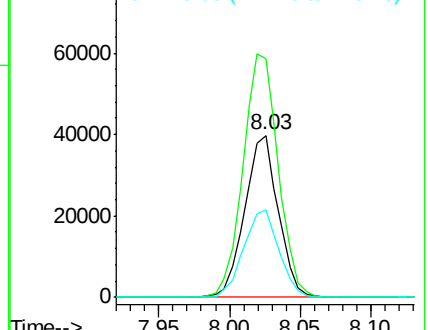
115 54.0 49.1 73.7



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: 82.340 ng

RT: 5.59 min Scan# 426

Delta R.T. 0.00 min

Lab File: BG045003.D

Acq: 16 Apr 2020 4:54

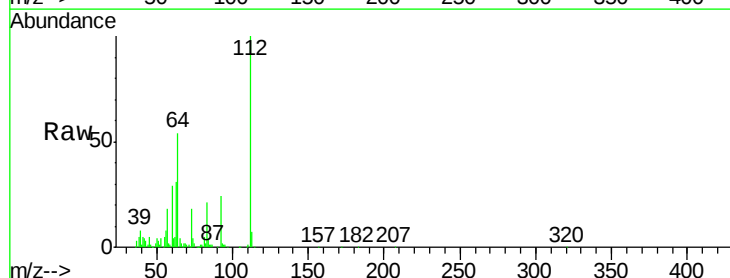
Tgt Ion:112 Resp: 329168

Ion Ratio Lower Upper

112 100

64 54.5 42.4 63.6

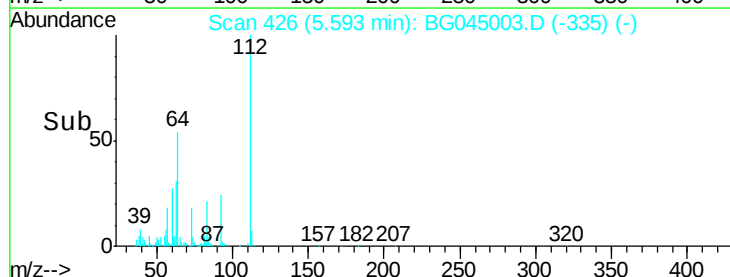
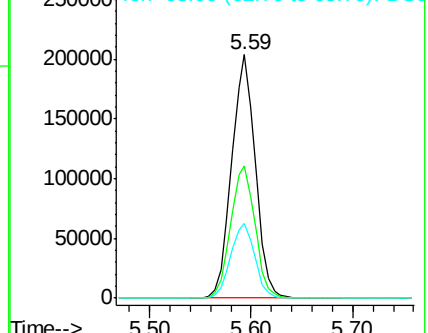
63 30.9 23.1 34.7

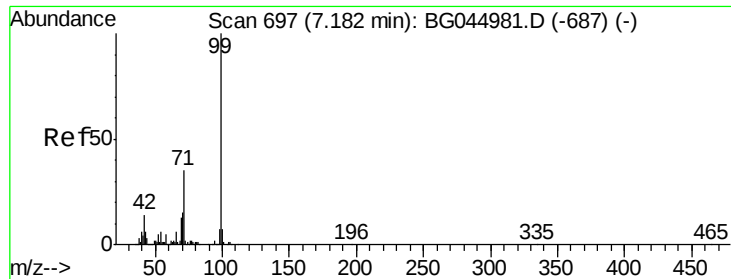


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 83.368 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.00 min

Lab File: BG045003.D

Acq: 16 Apr 2020 4:54

Instrument :

BNA_G

ClientSampleId :

WATER-RECLAMATION-PIT

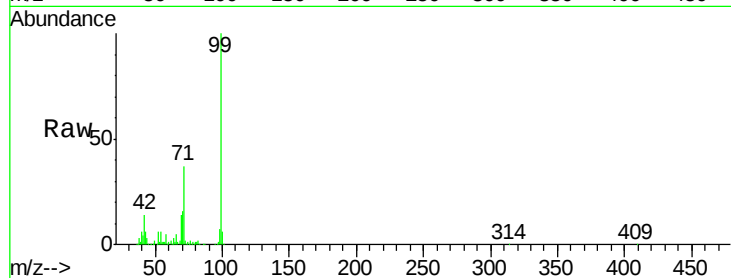
Tot Ion: 99 Resp: 495166

Ion Ratio Lower Upper

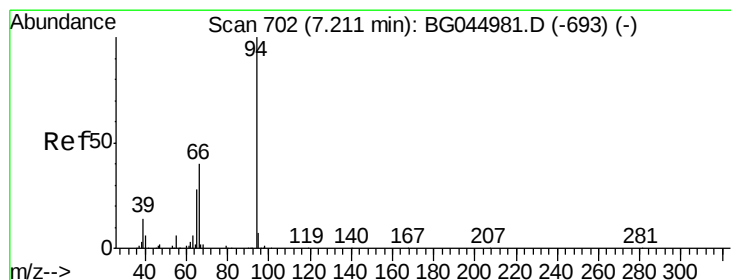
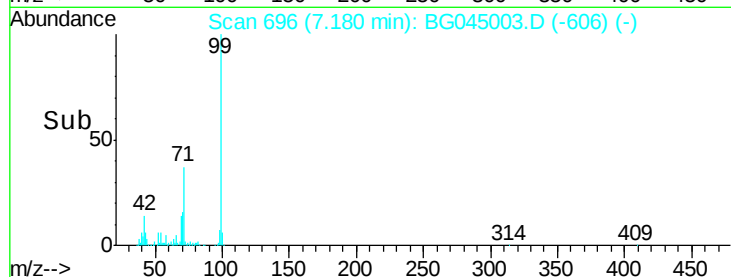
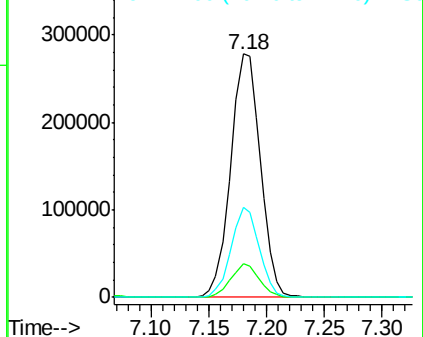
99 100

42 13.8 11.3 16.9

71 36.9 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: 7.469 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG045003.D

Acq: 16 Apr 2020 4:54

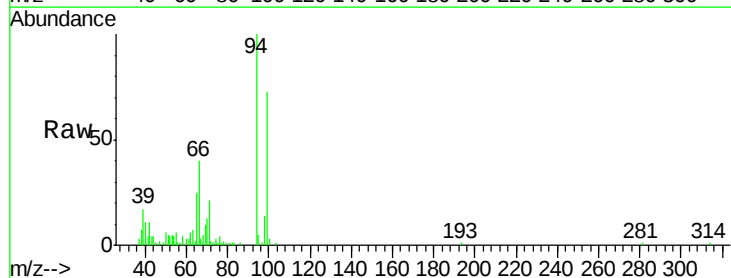
Tgt Ion: 94 Resp: 44395

Ion Ratio Lower Upper

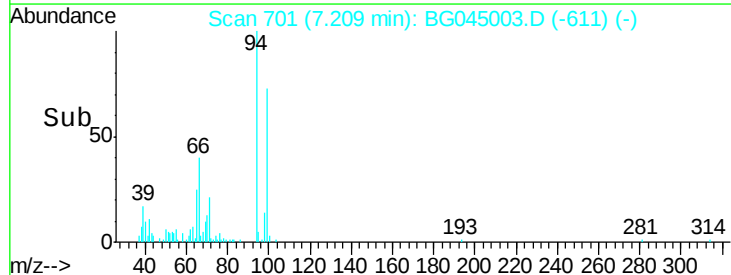
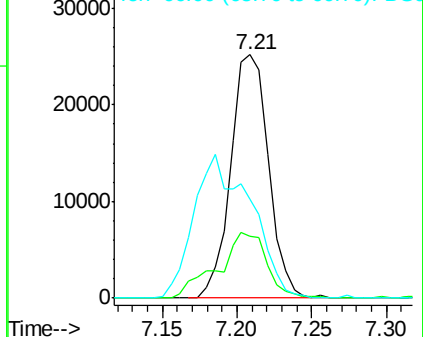
94 100

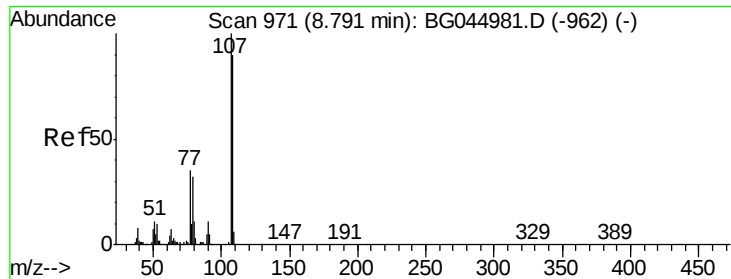
65 25.2 8.2 48.2

66 40.5 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

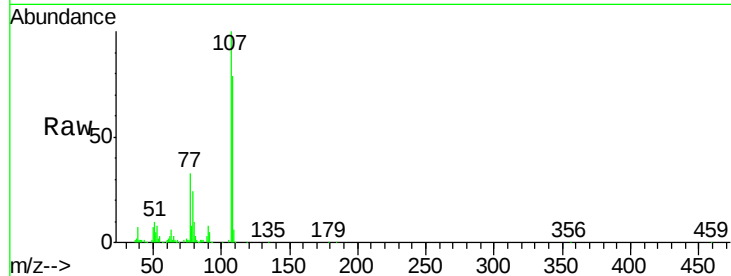




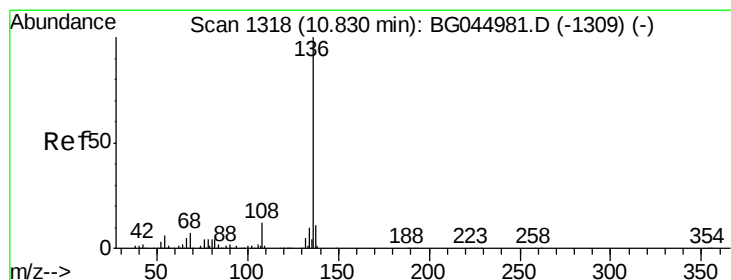
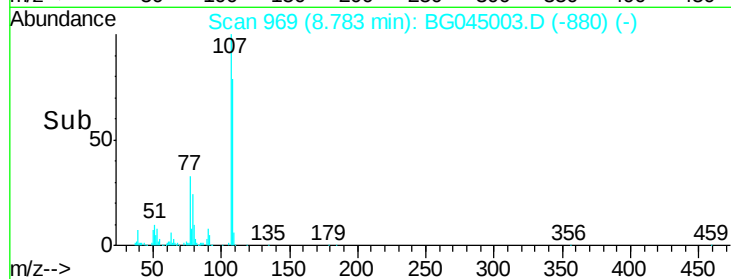
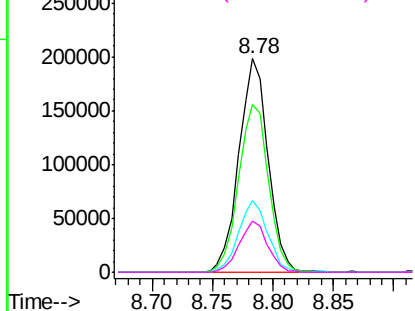
#20
3+4-Methylphenols
Concen: 52.276 ng
RT: 8.78 min Scan# 969
Delta R.T. -0.01 min
Lab File: BG045003.D
Acq: 16 Apr 2020 4:54

Instrument :
BNA_G
ClientSampleId :
WATER-RECLAMATION-PIT

Tot Ion:	107	Resp:	335544
Ion	Ratio	Lower	Upper
107	100		
108	78.5	69.9	109.9
77	33.3	15.2	55.2
79	23.9	11.6	51.6

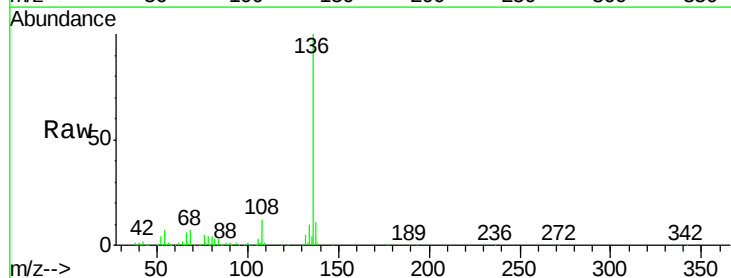


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

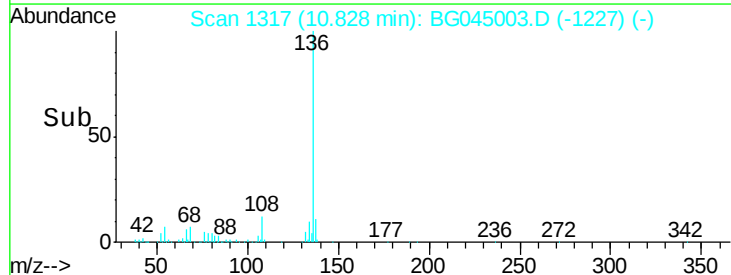
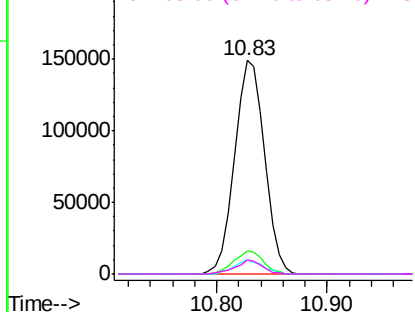


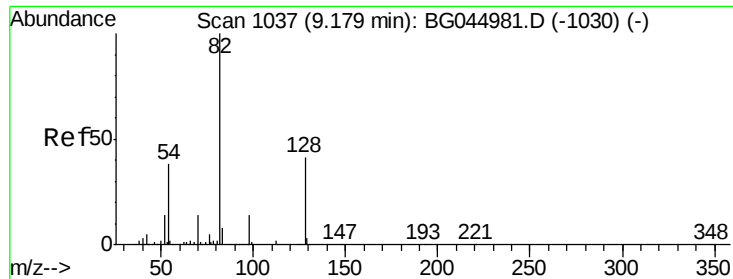
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BG045003.D
Acq: 16 Apr 2020 4:54

Tgt Ion:	136	Resp:	283001
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	6.6	4.8	7.2
68	6.8	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

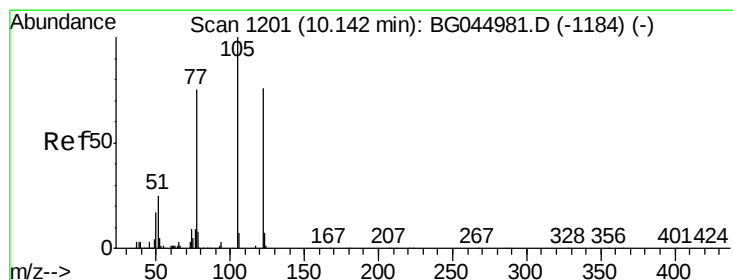
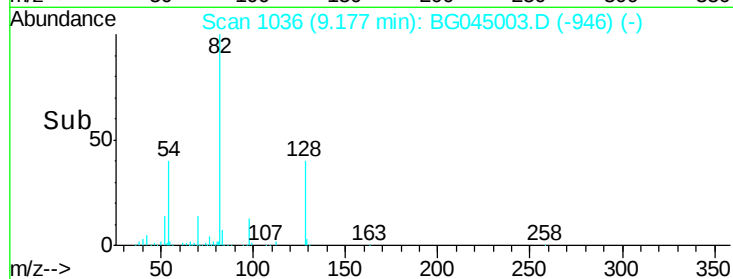
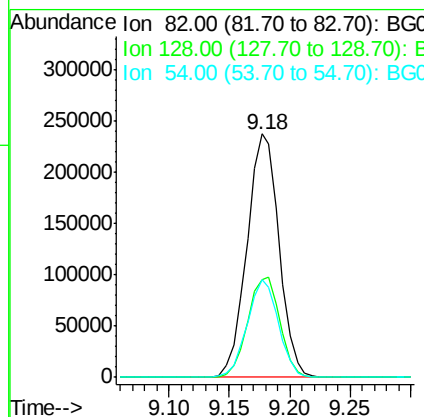
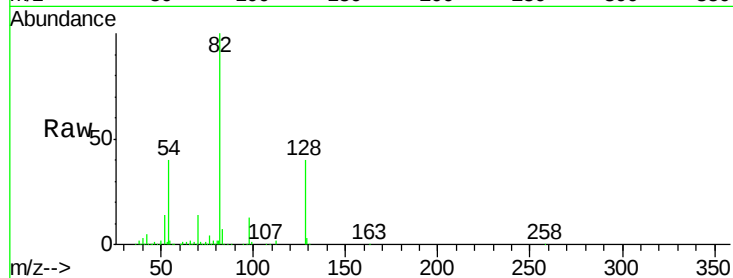




#23
 Nitrobenzene-d5
 Concen: 70.460 ng
 RT: 9.18 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BG045003.D
 Acq: 16 Apr 2020 4:54

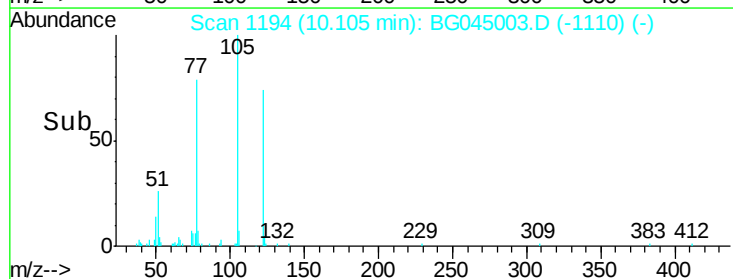
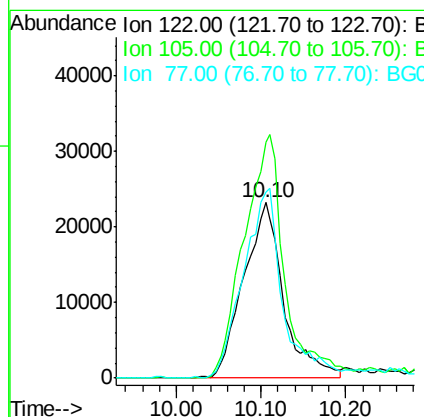
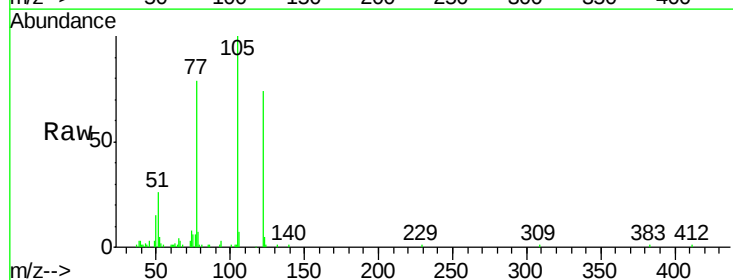
Instrument :
 BNA_G
 ClientSampleId :
 WATER-RECLAMATION-PIT

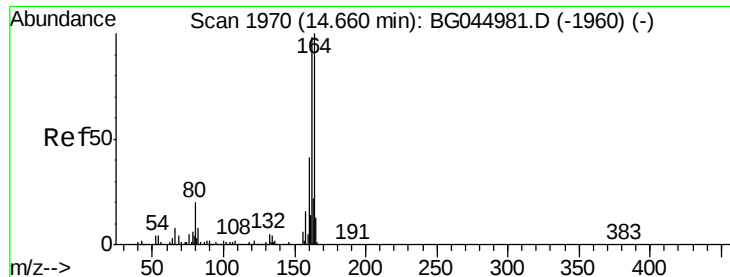
Tot Ion: 82 Resp: 437008
 Ion Ratio Lower Upper
 82 100
 128 40.1 33.0 49.4
 54 40.0 30.4 45.6



#32
 Benzoic acid
 Concen: 25.280 ng
 RT: 10.10 min Scan# 1194
 Delta R.T. -0.04 min
 Lab File: BG045003.D
 Acq: 16 Apr 2020 4:54

Tgt Ion: 122 Resp: 76525
 Ion Ratio Lower Upper
 122 100
 105 134.6 108.4 148.4
 77 106.2 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: BG045003.D

Acq: 16 Apr 2020 4:54

Instrument :

BNA_G

ClientSampleId :

WATER-RECLAMATION-PIT

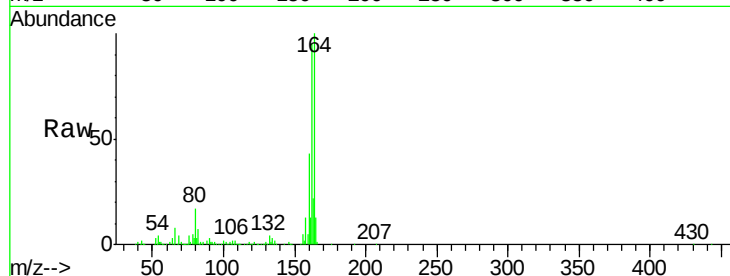
Tot Ion:164 Resp: 219786

Ion Ratio Lower Upper

164 100

162 94.6 78.7 118.1

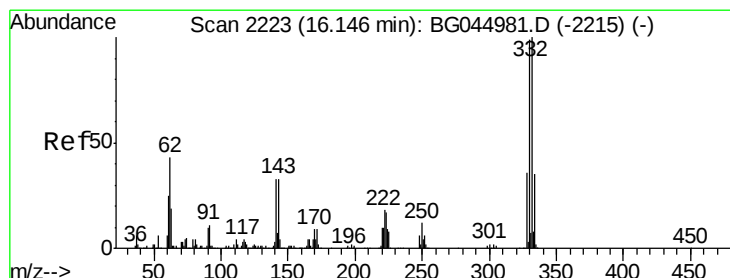
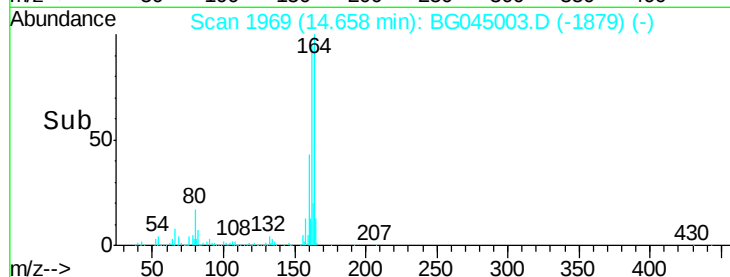
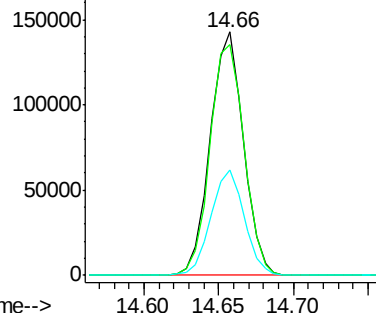
160 43.1 32.8 49.2



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: 114.473 ng

RT: 16.14 min Scan# 2222

Delta R.T. -0.00 min

Lab File: BG045003.D

Acq: 16 Apr 2020 4:54

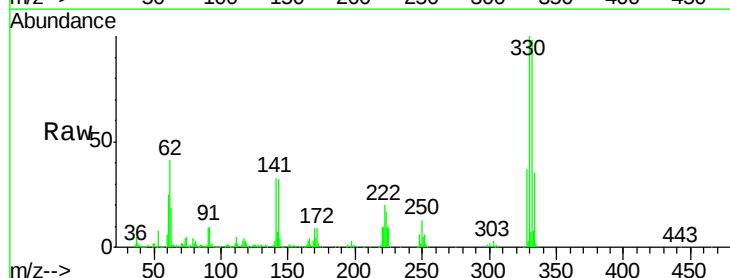
Tgt Ion:330 Resp: 388684

Ion Ratio Lower Upper

330 100

332 98.6 79.1 118.7

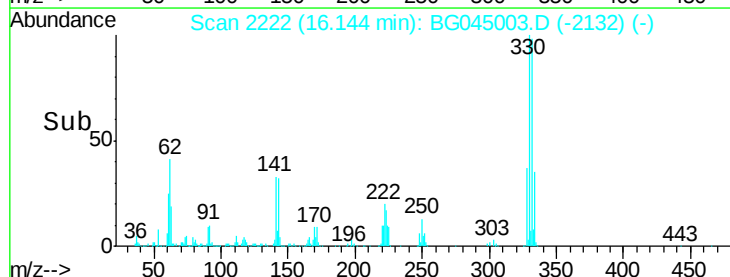
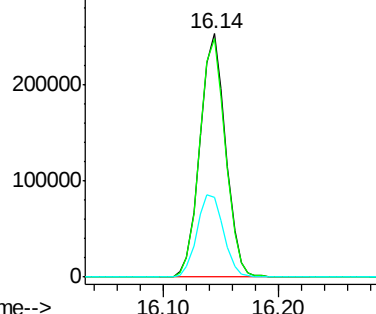
141 35.2 27.1 40.7

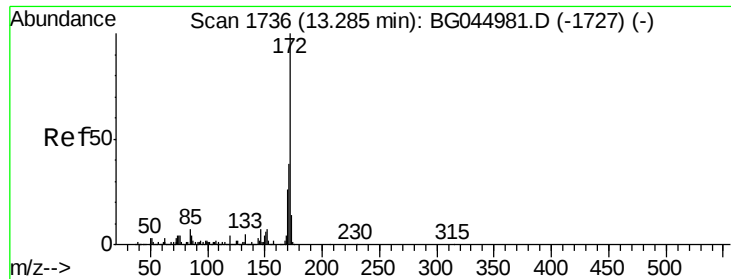


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

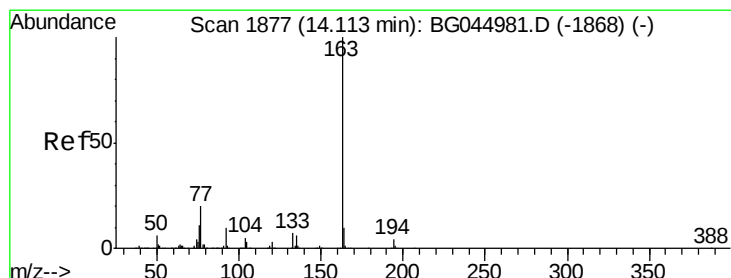
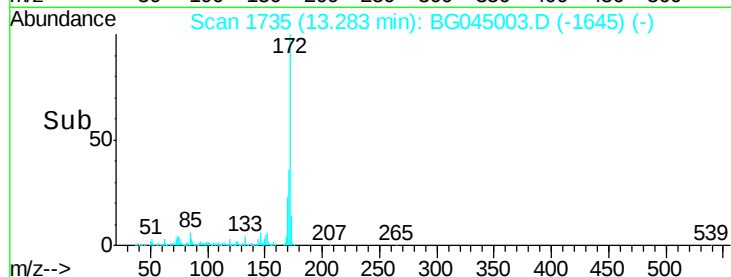
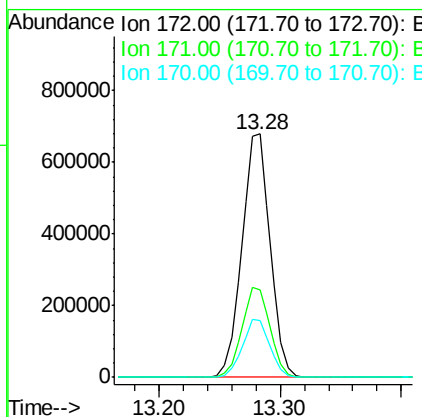
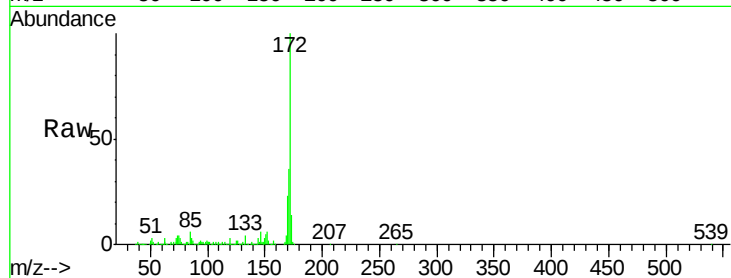




#45
2-Fluorobiphenyl
Concen: 73.608 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.00 min
Lab File: BG045003.D
Acq: 16 Apr 2020 4:54

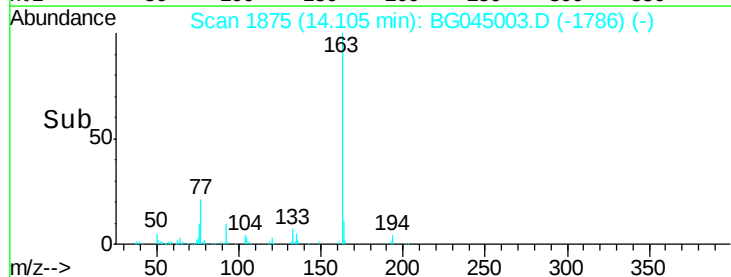
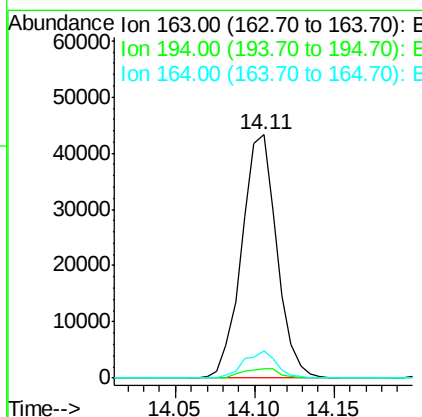
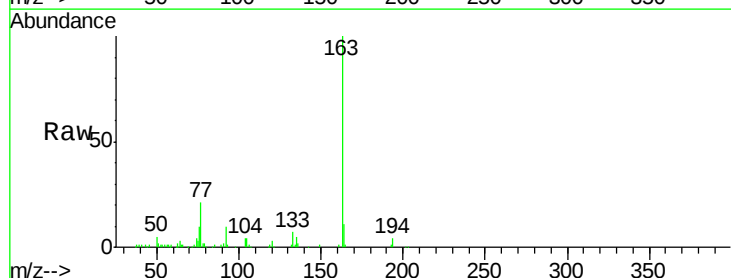
Instrument :
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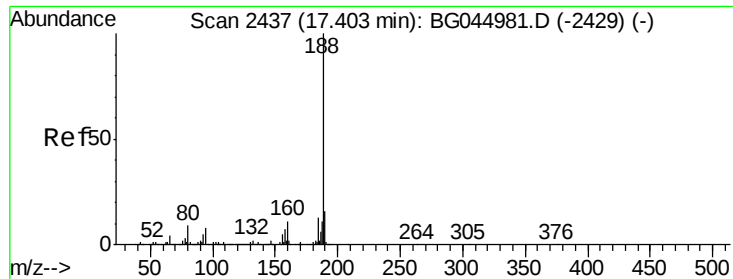
Tot Ion:172 Resp: 1103308
Ion Ratio Lower Upper
172 100
171 36.0 30.6 46.0
170 23.5 20.5 30.7



#50
Dimethylphthalate
Concen: 3.709 ng
RT: 14.11 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG045003.D
Acq: 16 Apr 2020 4:54

Tgt Ion:163 Resp: 66373
Ion Ratio Lower Upper
163 100
194 3.8 3.5 5.3
164 11.4 8.2 12.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2436

Delta R.T. -0.00 min

Lab File: BG045003.D

Acq: 16 Apr 2020 4:54

Instrument :

BNA_G

ClientSampleId :

WATER-RECLAMATION-PIT

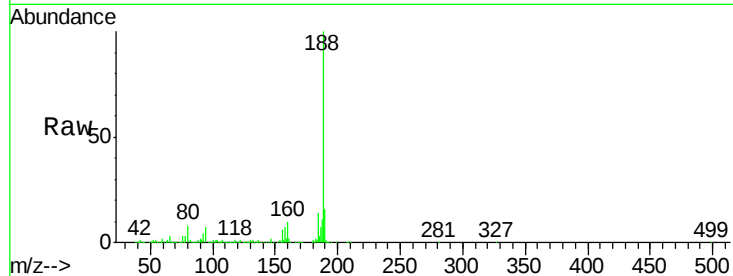
Tot Ion:188 Resp: 551898

Ion Ratio Lower Upper

188 100

94 7.0 6.2 9.4

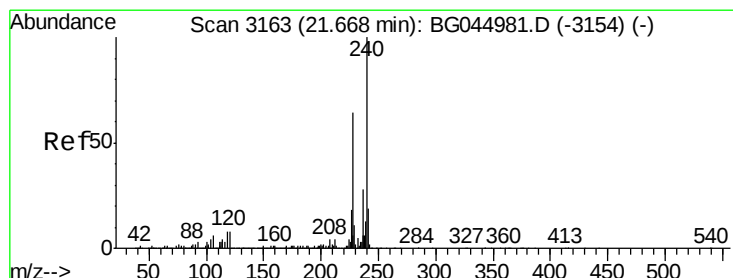
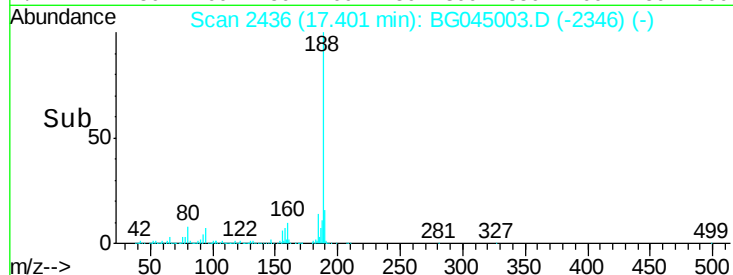
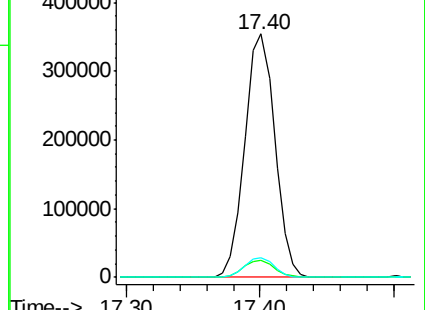
80 8.0 7.0 10.6



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: 21.67 min Scan# 3162

Delta R.T. -0.00 min

Lab File: BG045003.D

Acq: 16 Apr 2020 4:54

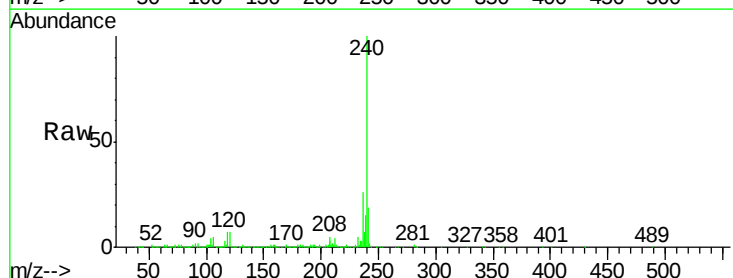
Tgt Ion:240 Resp: 527103

Ion Ratio Lower Upper

240 100

120 7.0 6.6 10.0

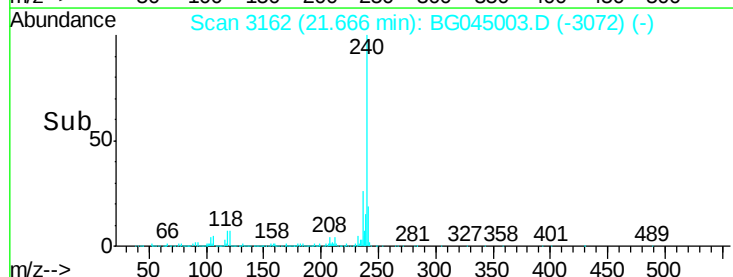
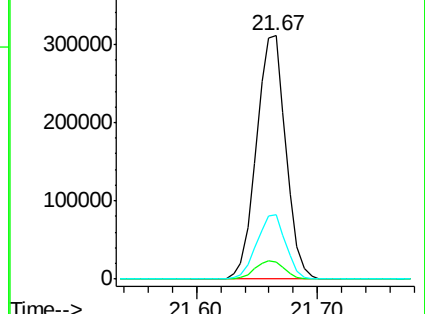
236 26.2 22.2 33.2

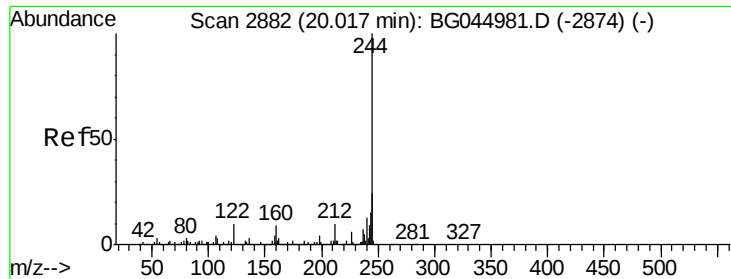


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 86.352 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.01 min

Lab File: BG045003.D

Acq: 16 Apr 2020 4:54

Instrument :

BNA_G

ClientSampleId :

WATER-RECLAMATION-PIT

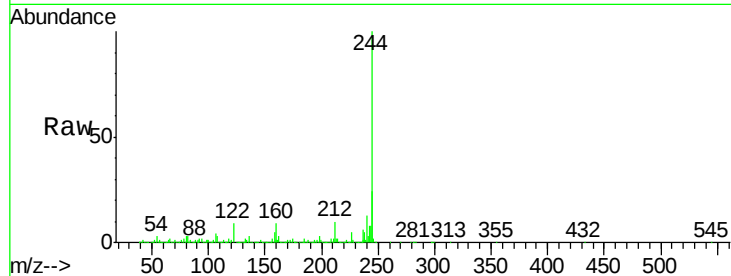
Tot Ion:244 Resp: 2088333

Ion Ratio Lower Upper

244 100

212 9.9 7.9 11.9

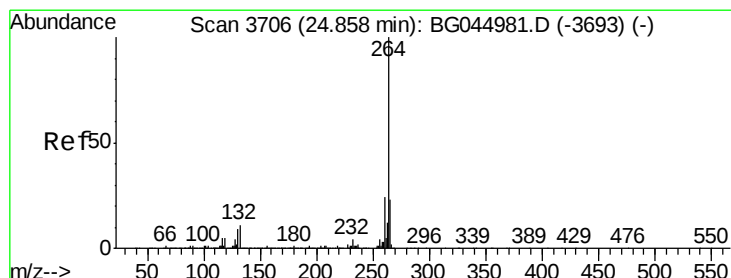
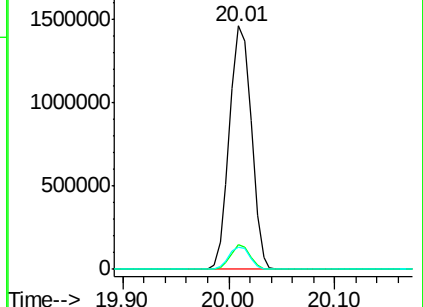
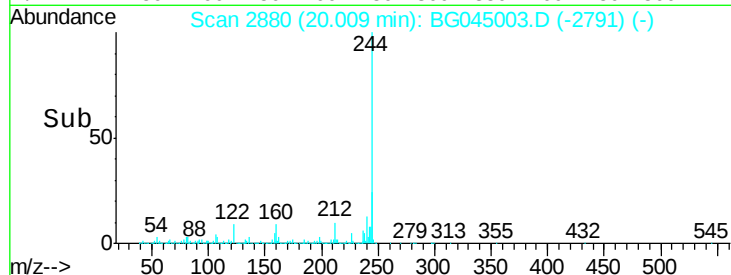
122 9.1 7.7 11.5



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

Perylene-d12

Concen: 20.000 ng

RT: 24.85 min Scan# 3704

Delta R.T. -0.01 min

Lab File: BG045003.D

Acq: 16 Apr 2020 4:54

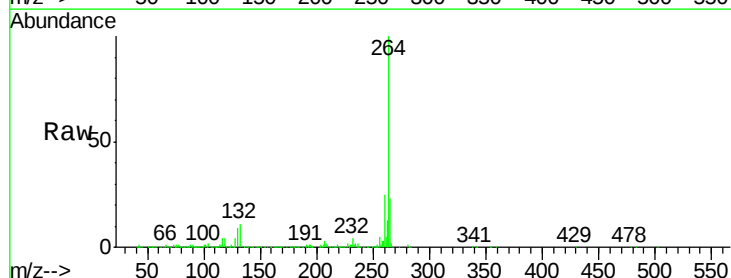
Tgt Ion:264 Resp: 585420

Ion Ratio Lower Upper

264 100

260 24.7 19.2 28.8

265 22.7 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

