

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051319\
 Data File : BG040920.D
 Acq On : 13 May 2019 20:41
 Operator : HP/JU
 Sample : K2829-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EFF-WASTE-WATER

Quant Time: May 14 07:03:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

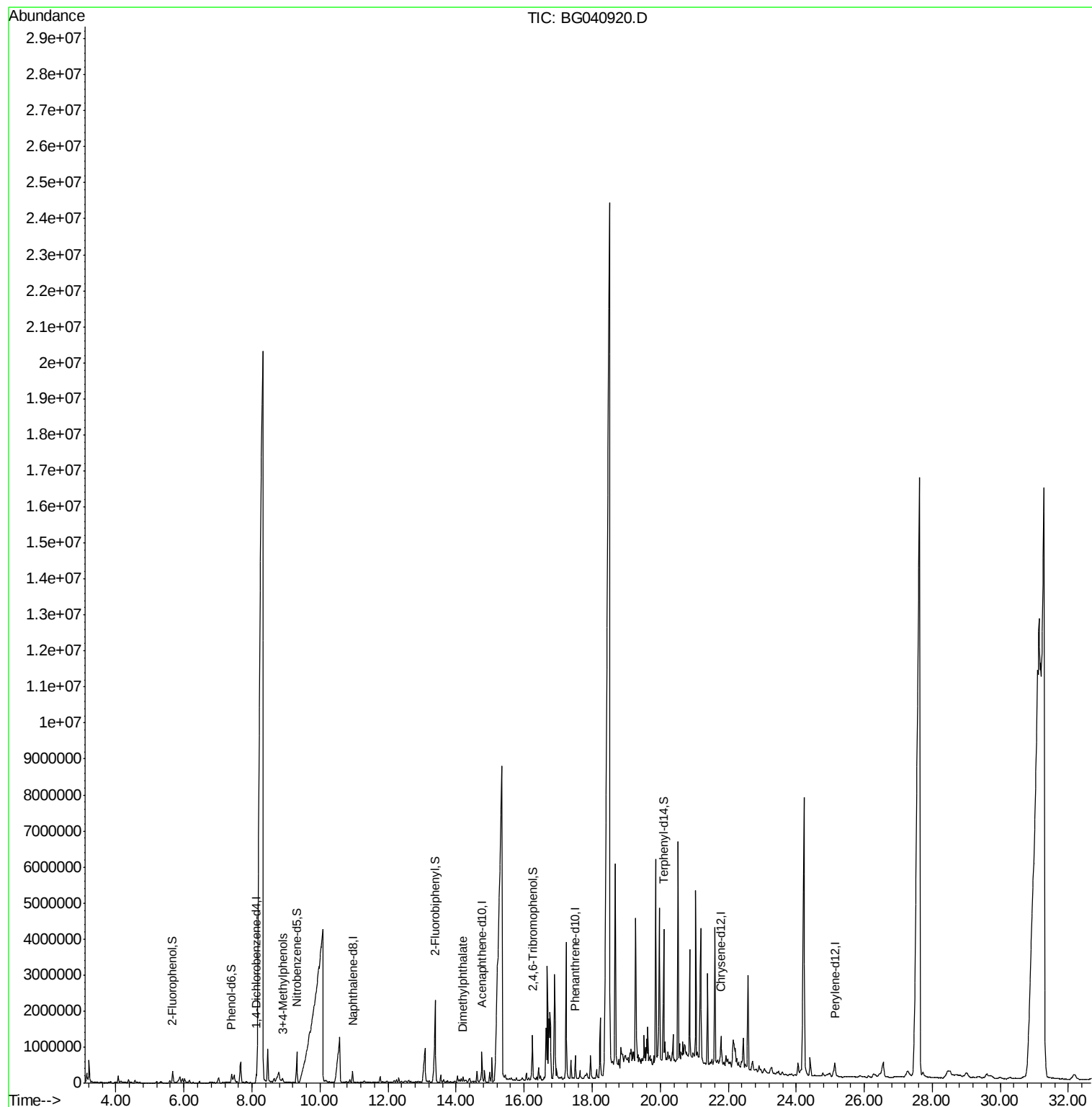
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	65856	20.00	ng	-0.03
21) Naphthalene-d8	10.95	136	253210	20.00	ng	-0.03
39) Acenaphthene-d10	14.76	164	172683	20.00	ng	-0.04
64) Phenanthrene-d10	17.51	188	378146	20.00	ng	-0.03
76) Chrysene-d12	21.79	240	402385	20.00	ng	-0.04
87) Perylene-d12	25.14	264	444524	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	153665	41.13	ng	-0.02
7) Phenol-d6	7.40	99	123600	21.49	ng	0.11
23) Nitrobenzene-d5	9.32	82	509850	93.04	ng	-0.02
42) 2,4,6-Tribromophenol	16.25	330	235937	99.40	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	1119015	93.59	ng	-0.03
79) Terphenyl-d14	20.10	244	1543699	84.99	ng	-0.03
Target Compounds						
20) 3+4-Methylphenols	8.90	107	25623	4.203	ng	91
50) Dimethylphthalate	14.20	163	83877	5.805	ng	# 96

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

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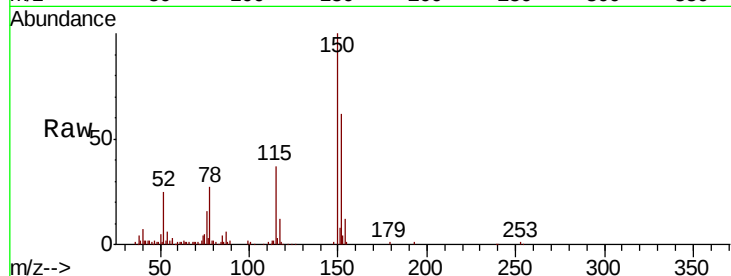


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 858
Delta R.T. -0.03 min
Lab File: BG040920.D
Acq: 13 May 2019 20:41

Instrument :
BNA_G
ClientSampleId :
EFF-WASTE-WATER

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.5	120.2	180.2
115	60.4	46.2	69.2

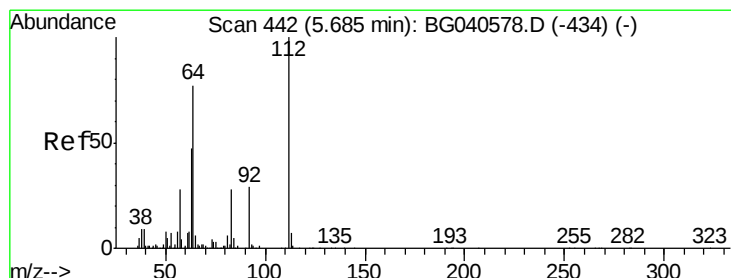
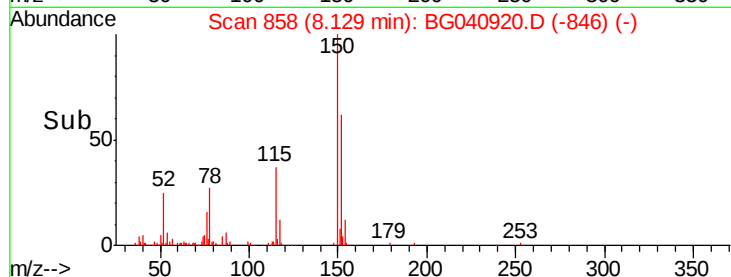
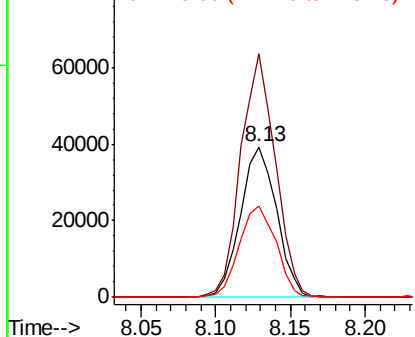


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

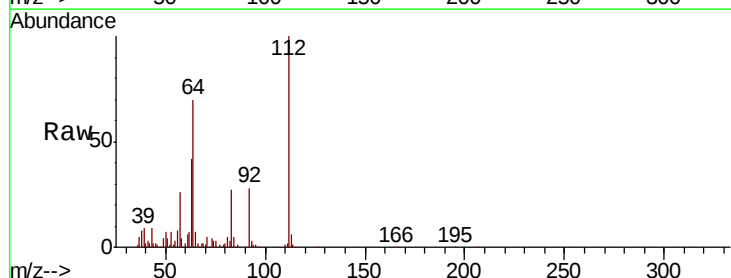
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 41.131 ng
RT: 5.67 min Scan# 439
Delta R.T. -0.02 min
Lab File: BG040920.D
Acq: 13 May 2019 20:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.9	61.4	92.0
63	41.8	37.8	56.6

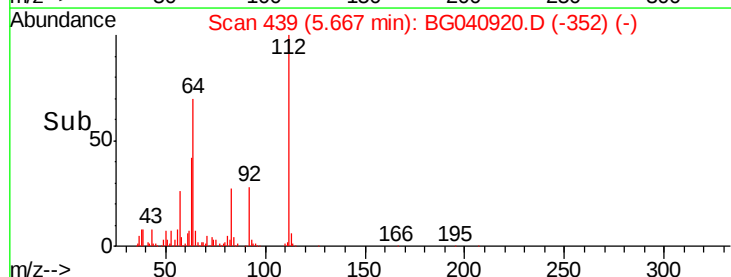
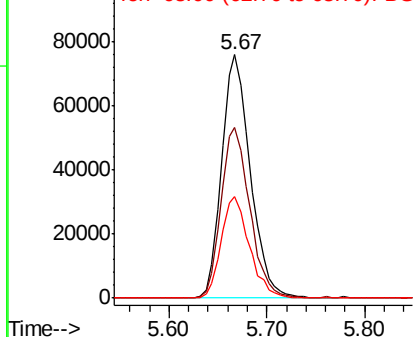


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 21.487 ng

RT: 7.40 min Scan# 734

Delta R.T. 0.11 min

Lab File: BG040920.D

Acq: 13 May 2019 20:41

Instrument :

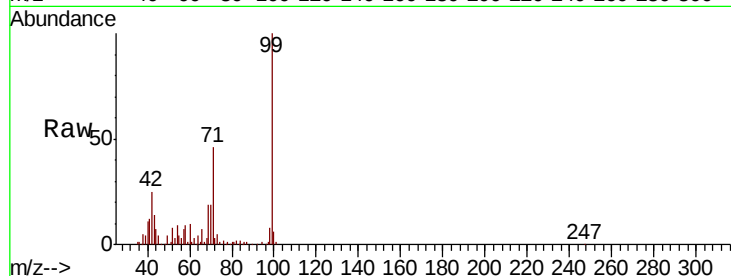
BNA_G

ClientSampleId :

EFF-WASTE-WATER

Tot Ion: 99 Resp: 123600

Ion	Ratio	Lower	Upper
99	100		
42	25.1	21.8	32.8
71	45.6	38.6	57.8

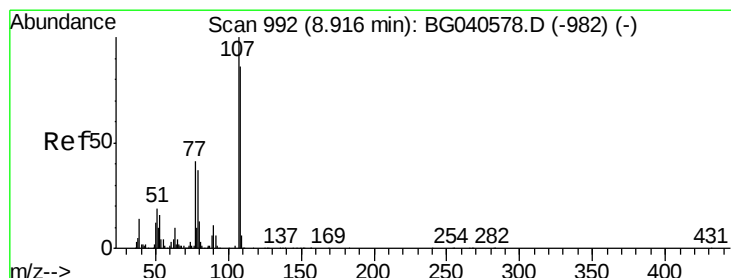
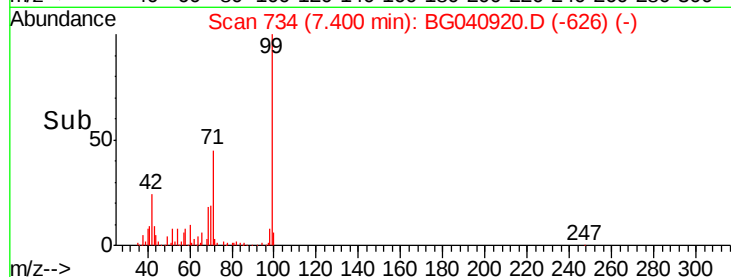
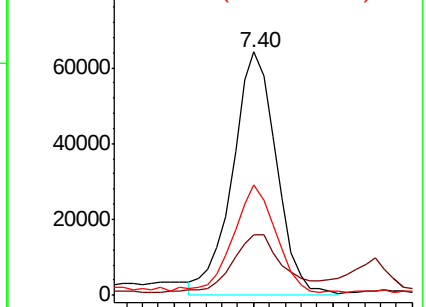


Abundance

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



#20

3+4-Methylphenols

Concen: 4.203 ng

RT: 8.90 min Scan# 990

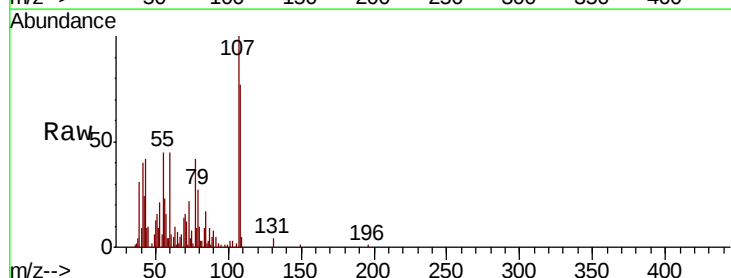
Delta R.T. -0.01 min

Lab File: BG040920.D

Acq: 13 May 2019 20:41

Tgt Ion: 107 Resp: 25623

Ion	Ratio	Lower	Upper
107	100		
108	77.2	66.1	106.1
77	41.7	21.6	61.6
79	27.1	17.4	57.4



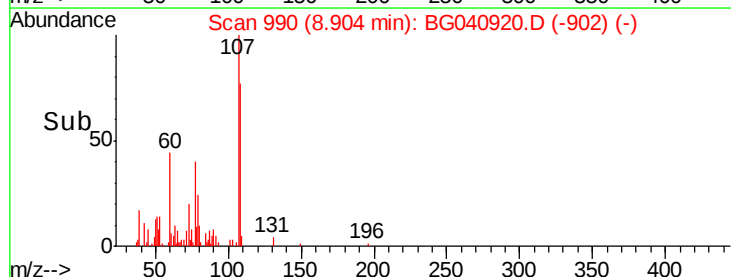
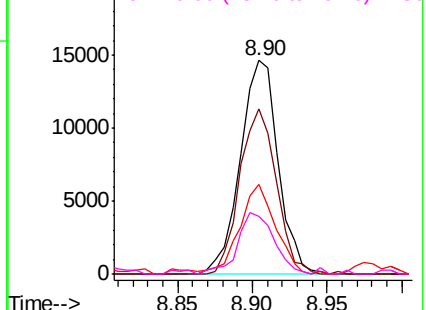
Abundance

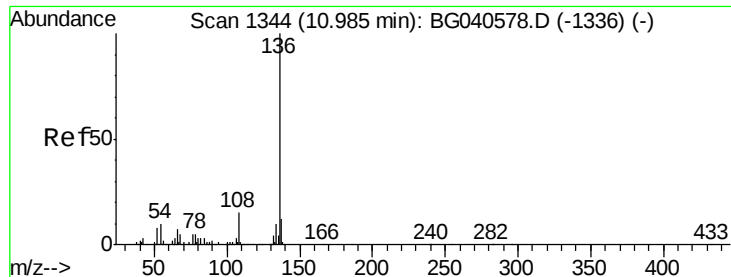
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

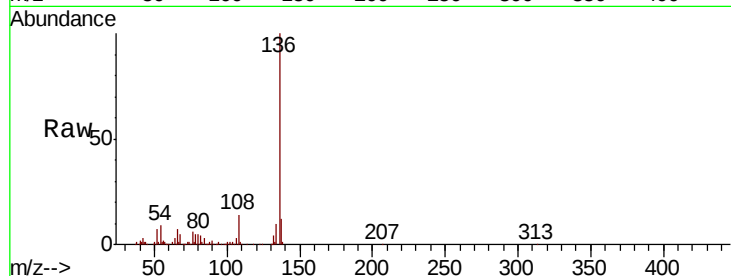




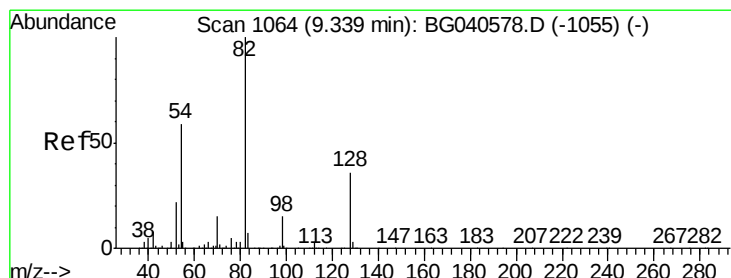
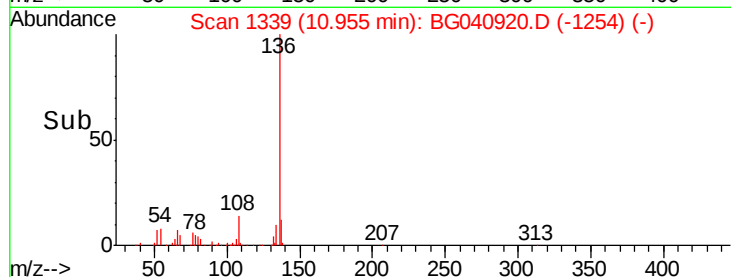
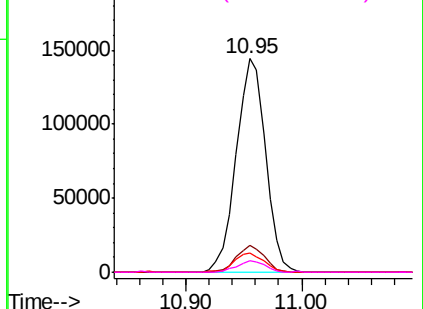
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1339
Delta R.T. -0.03 min
Lab File: BG040920.D
Acq: 13 May 2019 20:41

Instrument :
BNA_G
ClientSampleId :
EFF-WASTE-WATER

Tot Ion:136	Resp:	253210	
Ion Ratio	Lower	Upper	
136 100			
137 12.3	9.7	14.5	
54 8.9	8.6	12.8	
68 5.3	4.8	7.2	

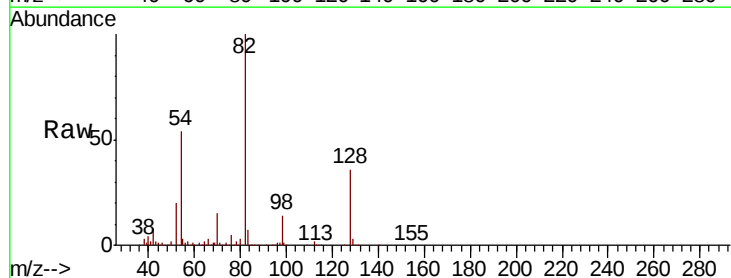


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

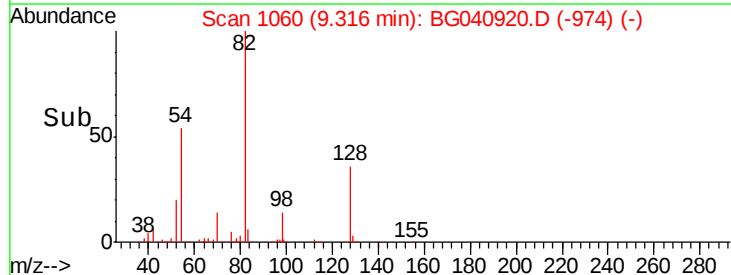
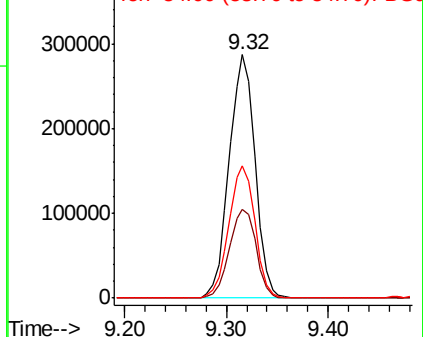


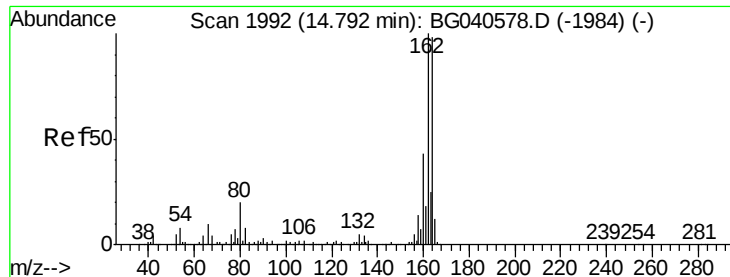
#23
Nitrobenzene-d5
Concen: 93.038 ng
RT: 9.32 min Scan# 1060
Delta R.T. -0.02 min
Lab File: BG040920.D
Acq: 13 May 2019 20:41

Tgt Ion: 82	Resp: 509850
Ion Ratio	Lower Upper
82 100	
128 36.4	28.9 43.3
54 54.3	47.2 70.8



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.76 min Scan# 1986

Delta R.T. -0.04 min

Lab File: BG040920.D

Acq: 13 May 2019 20:41

Instrument :

BNA_G

ClientSampleId :

EFF-WASTE-WATER

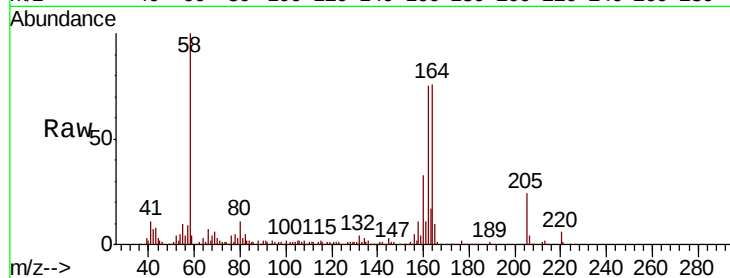
Tot Ion:164 Resp: 172683

Ion Ratio Lower Upper

164 100

162 98.4 81.9 122.9

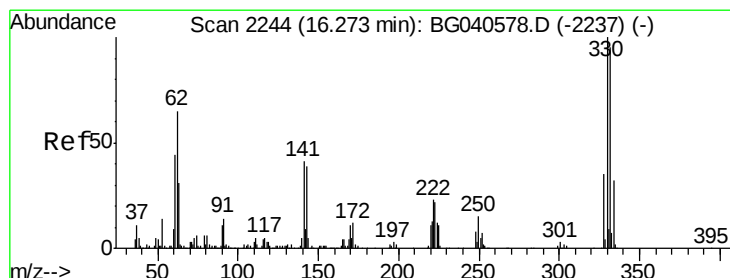
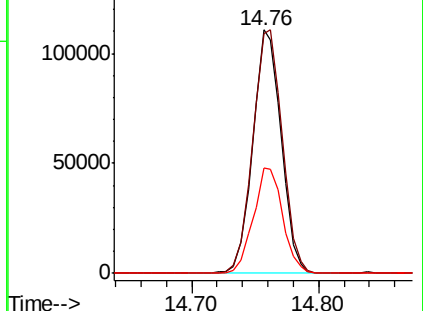
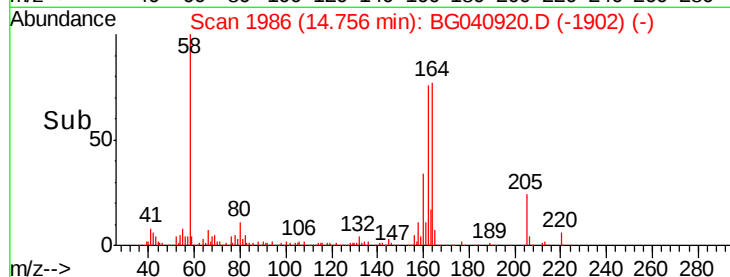
160 43.4 35.4 53.2



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: 99.402 ng

RT: 16.25 min Scan# 2240

Delta R.T. -0.02 min

Lab File: BG040920.D

Acq: 13 May 2019 20:41

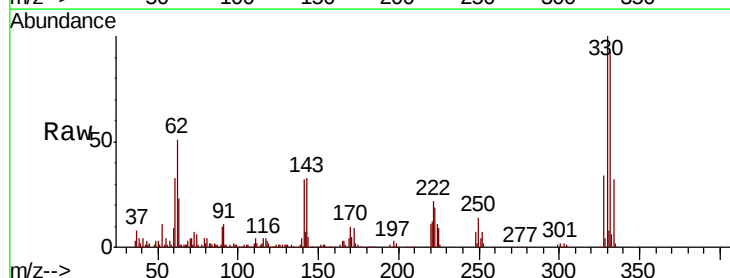
Tgt Ion:330 Resp: 235937

Ion Ratio Lower Upper

330 100

332 94.7 75.9 113.9

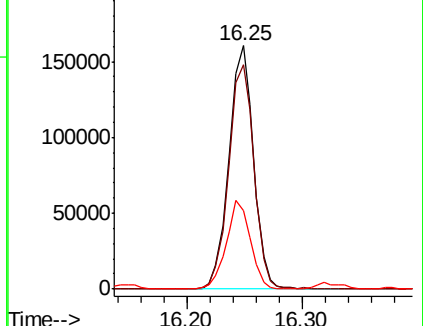
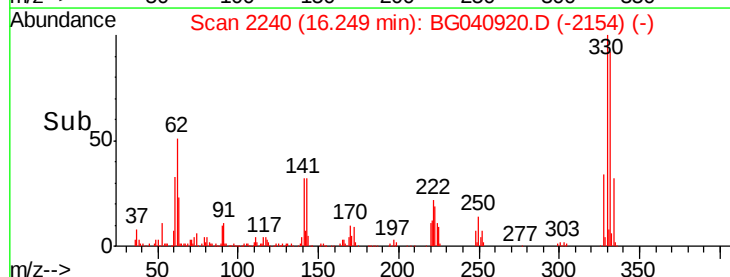
141 35.8 32.4 48.6

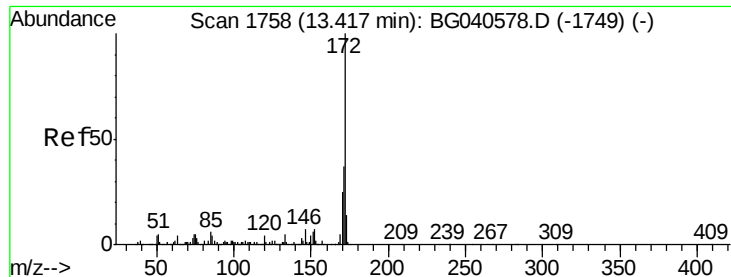


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

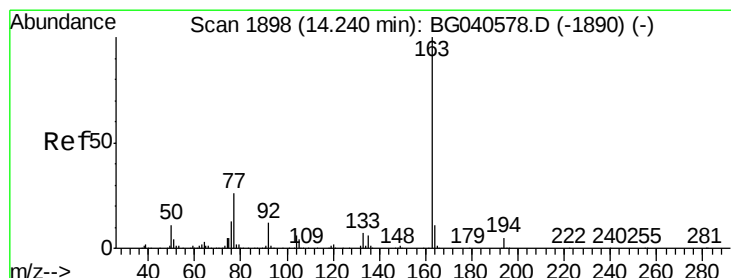
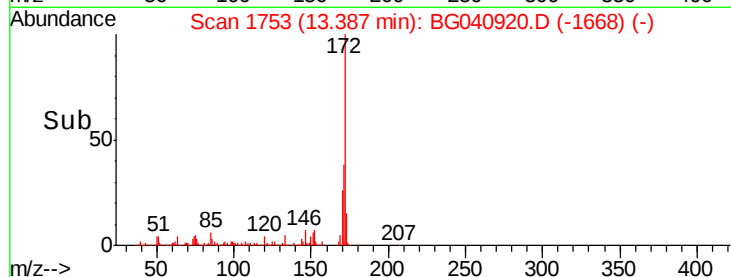
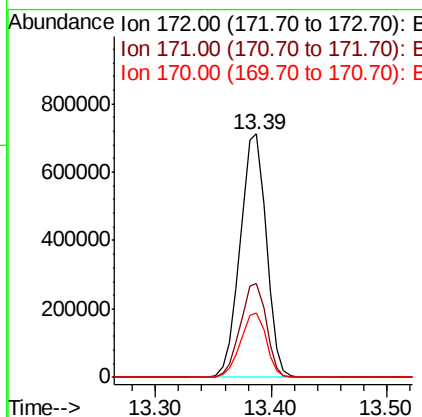
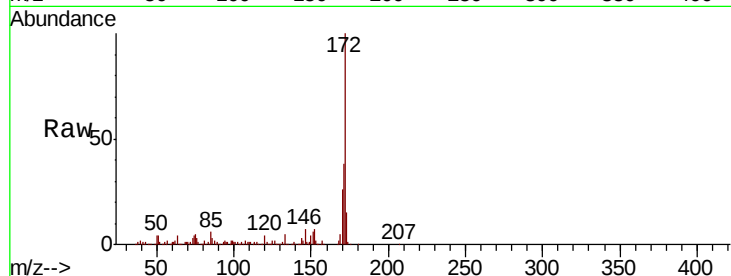




#45
2-Fluorobiphenyl
Concen: 93.587 ng
RT: 13.39 min Scan# 1753
Delta R.T. -0.03 min
Lab File: BG040920.D
Acq: 13 May 2019 20:41

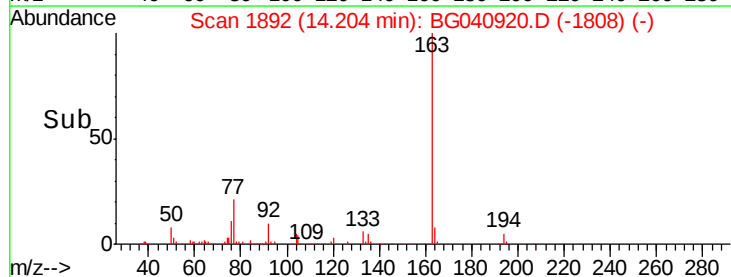
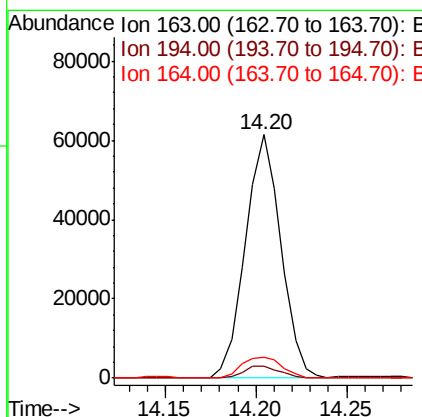
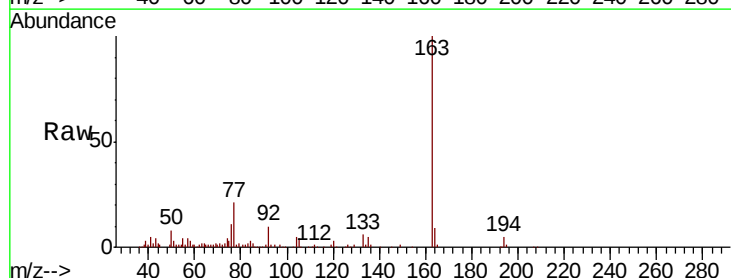
Instrument :
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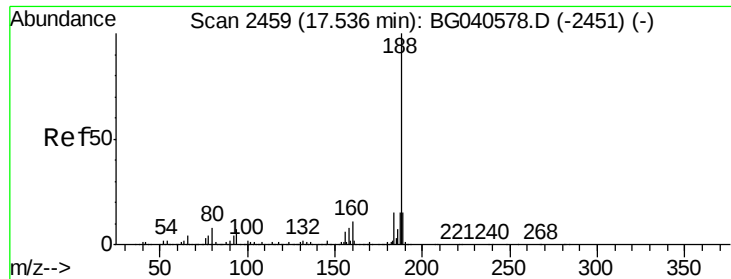
Tot Ion:172 Resp: 1119015
Ion Ratio Lower Upper
172 100
171 38.3 29.4 44.2
170 26.3 19.9 29.9



#50
Dimethylphthalate
Concen: 5.805 ng
RT: 14.20 min Scan# 1892
Delta R.T. -0.04 min
Lab File: BG040920.D
Acq: 13 May 2019 20:41

Tgt Ion:163 Resp: 83877
Ion Ratio Lower Upper
163 100
194 4.8 3.8 5.8
164 8.8 8.8 13.2#

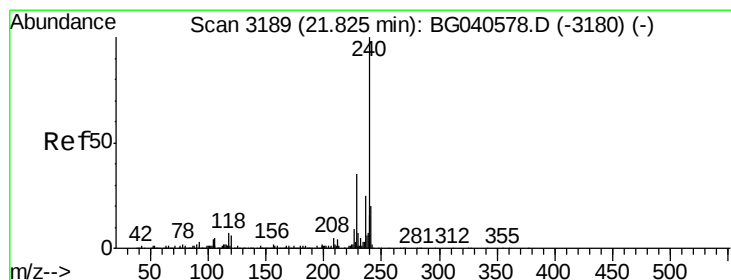
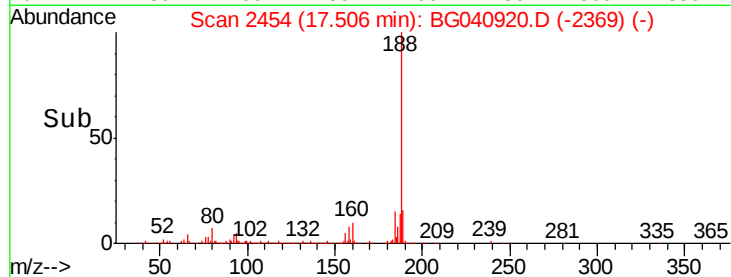
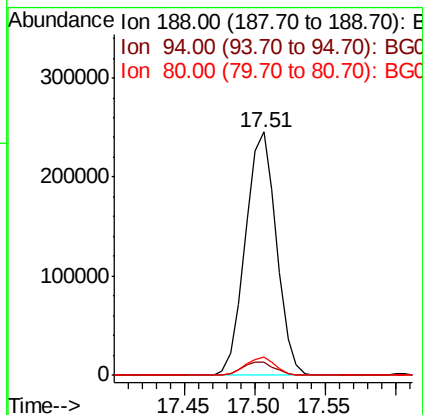
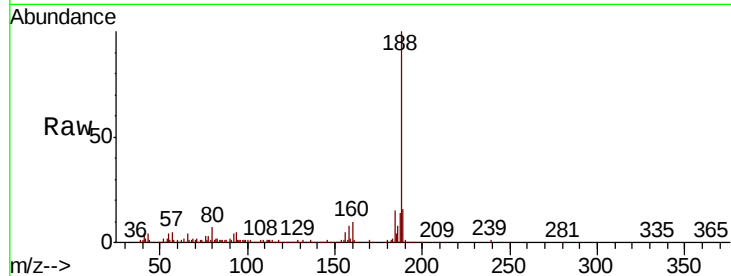




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2454
Delta R.T. -0.03 min
Lab File: BG040920.D
Acq: 13 May 2019 20:41

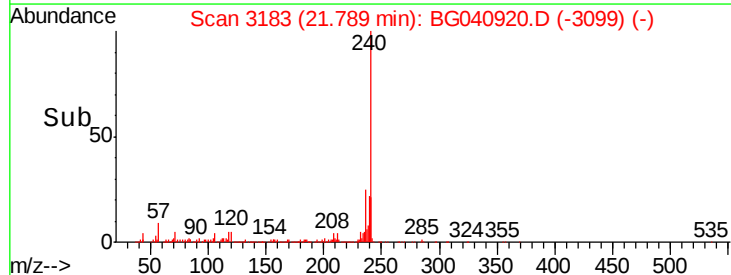
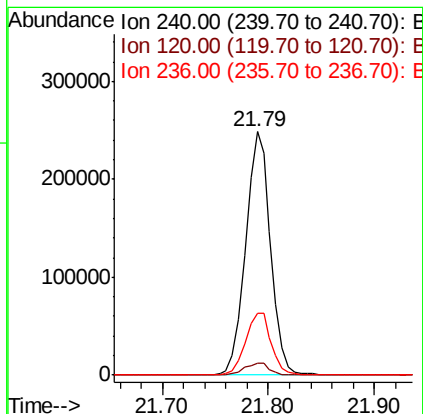
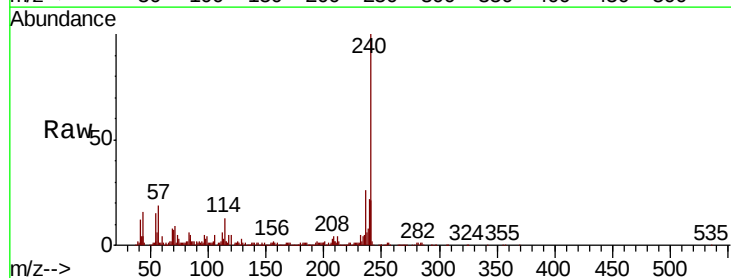
Instrument :
BNA_G
ClientSampleId :
EFF-WASTE-WATER

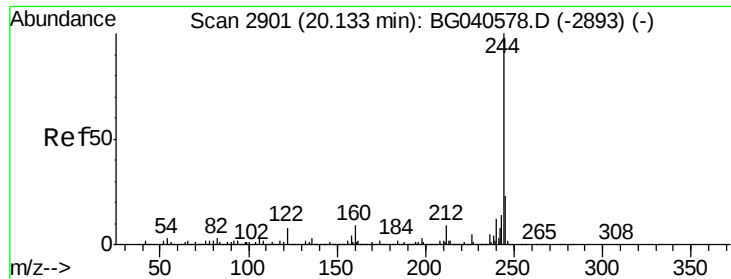
Tot Ion:188 Resp: 378146
Ion Ratio Lower Upper
188 100
94 6.5 5.6 8.4
80 7.3 6.4 9.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3183
Delta R.T. -0.04 min
Lab File: BG040920.D
Acq: 13 May 2019 20:41

Tgt Ion:240 Resp: 402385
Ion Ratio Lower Upper
240 100
120 5.1 5.0 7.6
236 25.6 20.3 30.5





#79

Terphenyl-d14

Concen: 84.992 ng

RT: 20.10 min Scan# 2896

Delta R.T. -0.03 min

Lab File: BG040920.D

Acq: 13 May 2019 20:41

Instrument :

BNA_G

ClientSampleId :

EFF-WASTE-WATER

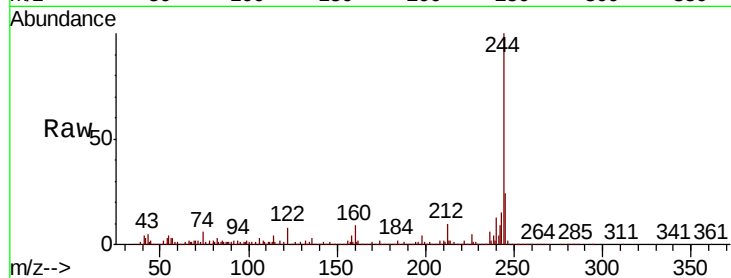
Tot Ion:244 Resp: 1543699

Ion Ratio Lower Upper

244 100

212 9.6 7.2 10.8

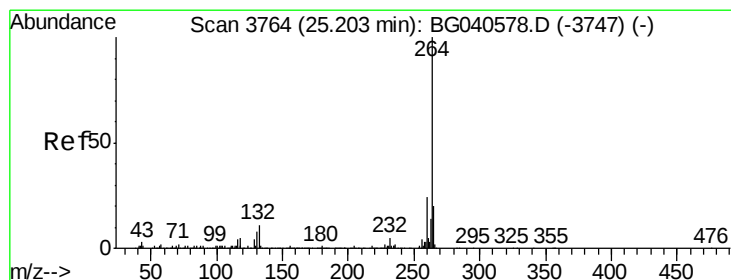
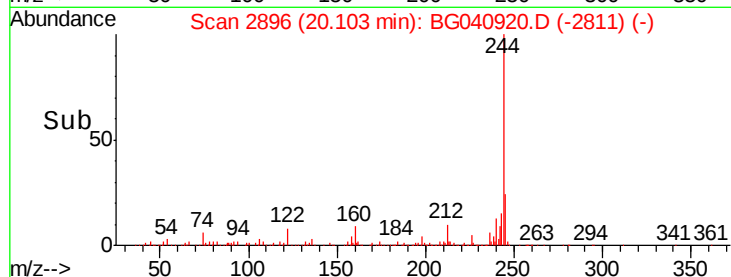
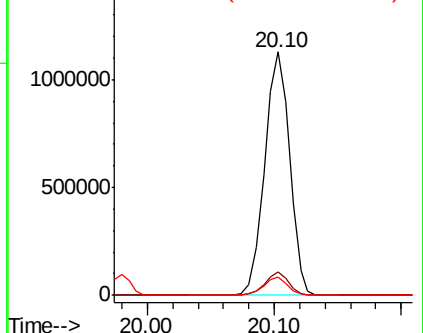
122 7.7 6.6 10.0



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: 25.14 min Scan# 3753

Delta R.T. -0.06 min

Lab File: BG040920.D

Acq: 13 May 2019 20:41

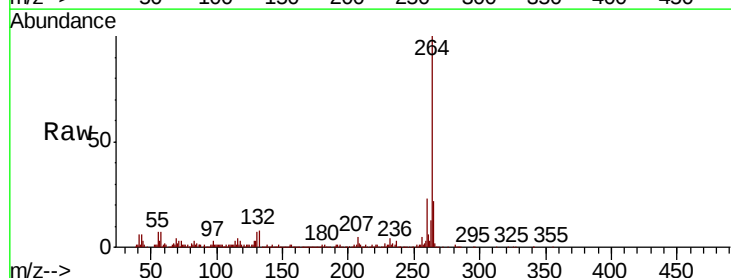
Tgt Ion:264 Resp: 444524

Ion Ratio Lower Upper

264 100

260 22.8 19.2 28.8

265 21.6 16.6 25.0



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

