

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101519\
 Data File : BG043227.D
 Acq On : 15 Oct 2019 20:27
 Operator : JU
 Sample : K5301-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EFF-WASTE-WATER

Quant Time: Oct 16 02:03:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 09 01:11:45 2019
 Response via : Initial Calibration

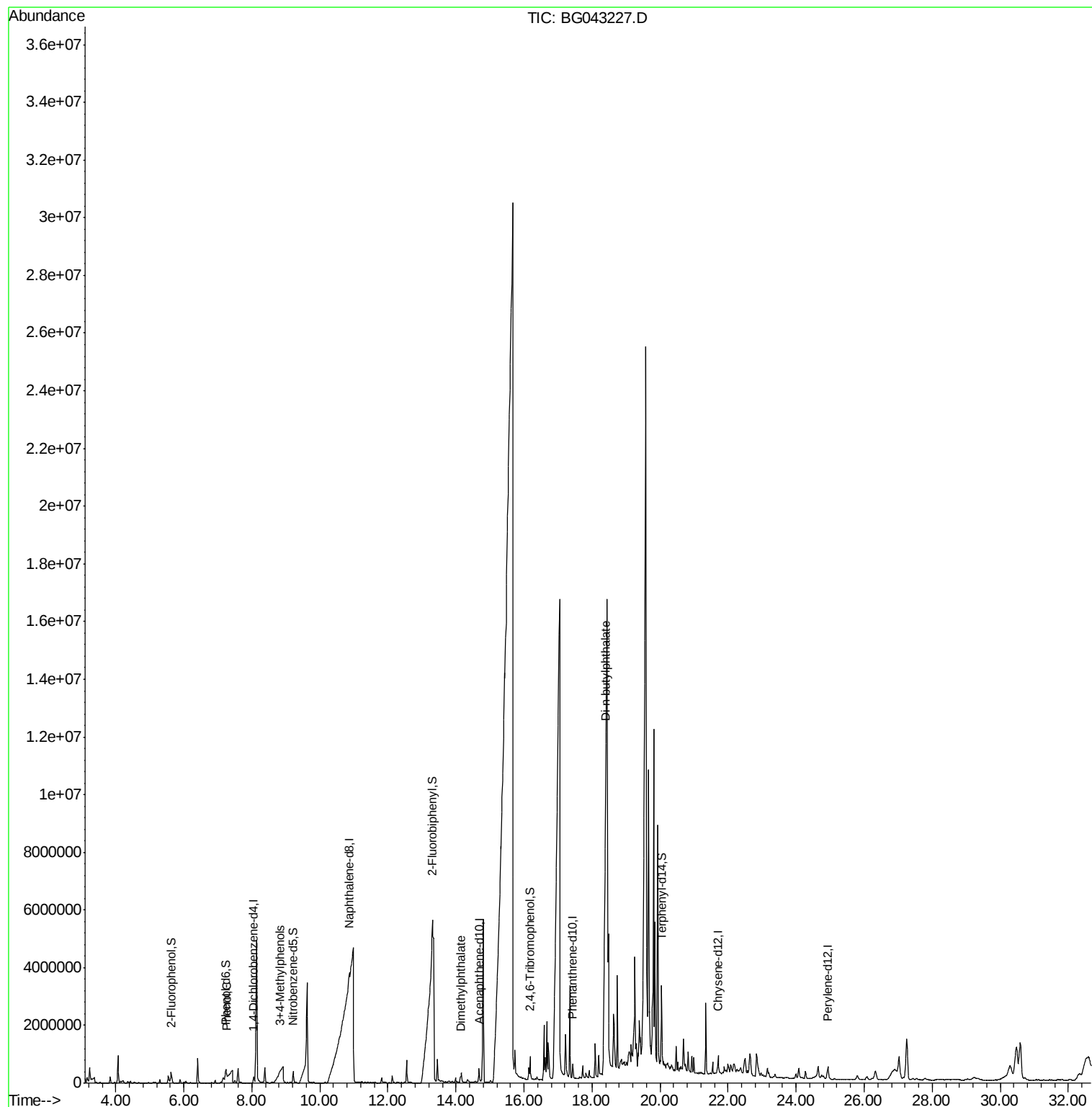
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	57293	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	219507	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	154810	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	338569	20.00	ng	0.01
76) Chrysene-d12	21.70	240	375868	20.00	ng	0.01
87) Perylene-d12	24.93	264	442351	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	164458	51.23	ng	0.00
7) Phenol-d6	7.23	99	159689	34.54	ng	0.00
23) Nitrobenzene-d5	9.21	82	264665	58.60	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	192218	72.21	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	830001	77.72	ng	0.00
79) Terphenyl-d14	20.05	244	1328105	75.29	ng	0.02
Target Compounds						
10) Phenol	7.26	94	28587	6.740	ng	98
20) 3+4-Methylphenols	8.83	107	9530	2.343	ng	# 77
50) Dimethylphthalate	14.13	163	136644	11.780	ng	98
74) Di-n-butylphthalate	18.40	149	38841	2.127	ng	# 90

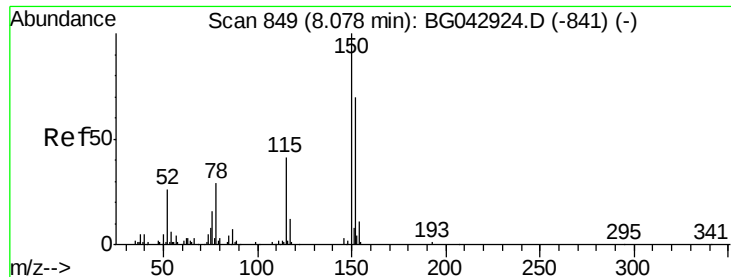
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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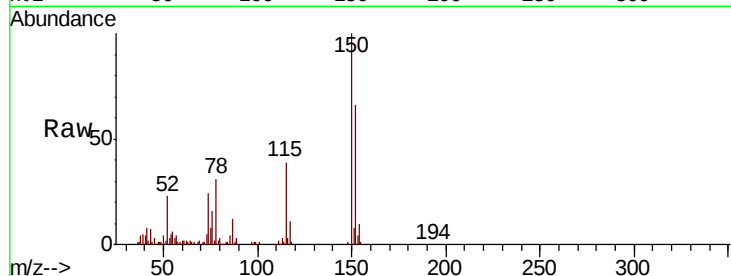


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG043227.D
Acq: 15 Oct 2019 20:27

Instrument :
BNA_G
ClientSampleId :
EFF-WASTE-WATER

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.7	115.0	172.4
115	58.4	47.0	70.6

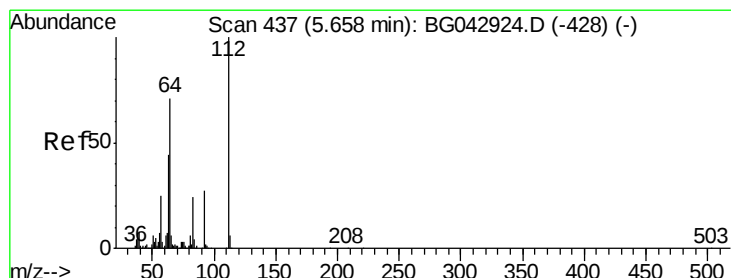
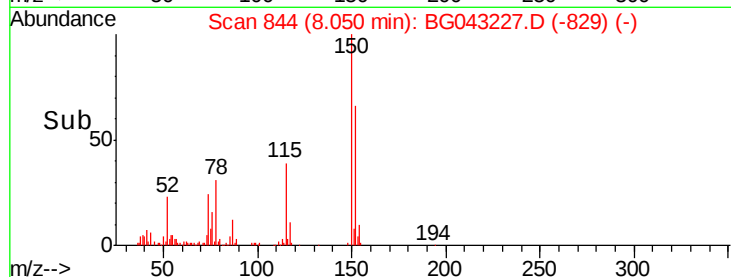
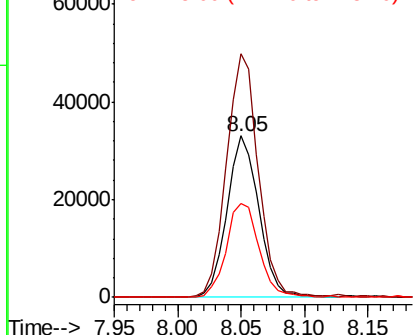


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

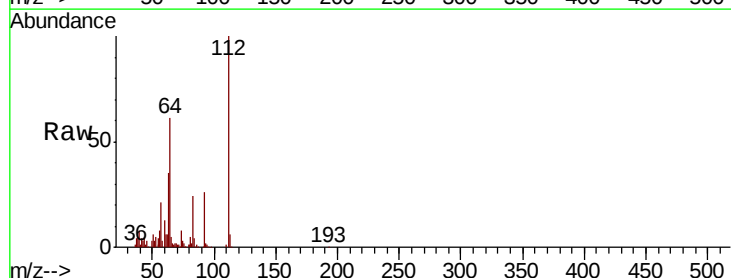
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 51.227 ng
RT: 5.63 min Scan# 433
Delta R.T. -0.00 min
Lab File: BG043227.D
Acq: 15 Oct 2019 20:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.8	56.6	84.8
63	34.7	35.1	52.7

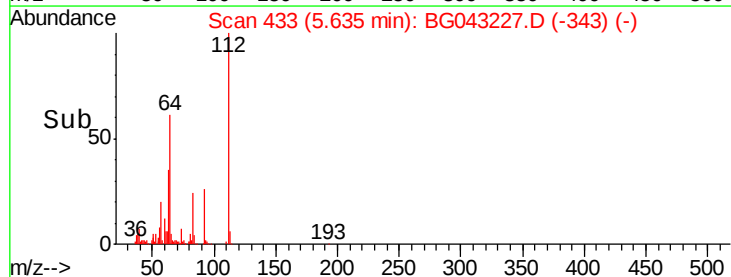
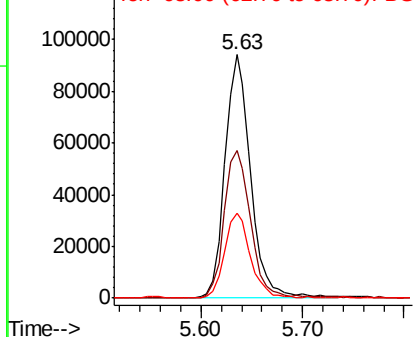


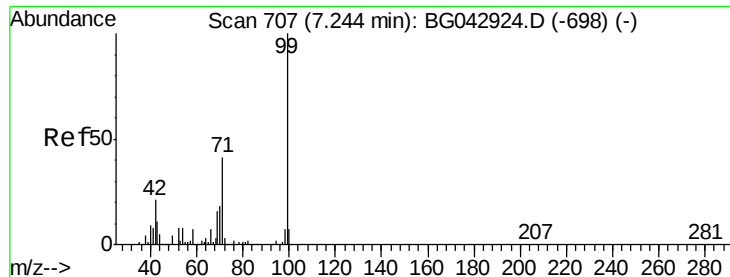
Abundance

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: 34.541 ng

RT: 7.23 min Scan# 705

Delta R.T. 0.00 min

Lab File: BG043227.D

Acq: 15 Oct 2019 20:27

Instrument :

BNA_G

ClientSampleId :

EFF-WASTE-WATER

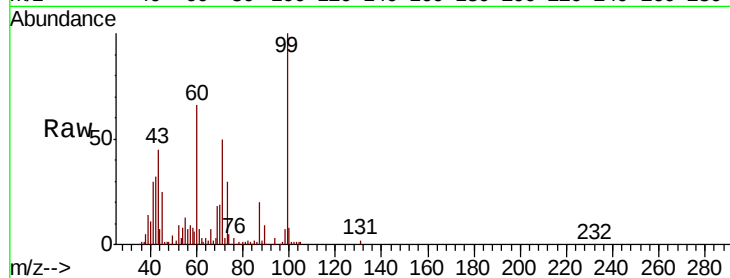
Tot Ion: 99 Resp: 159689

Ion Ratio Lower Upper

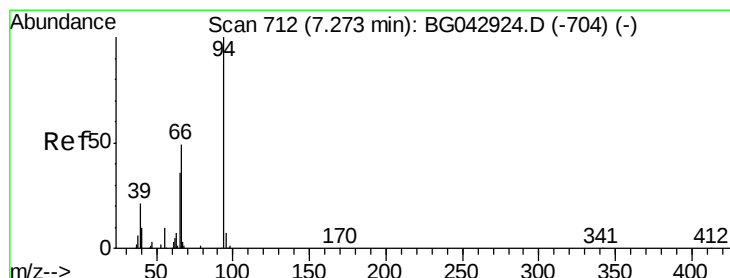
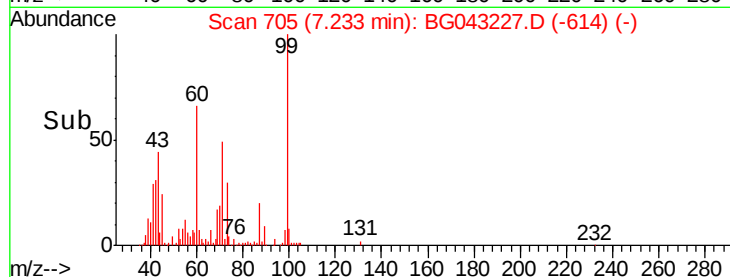
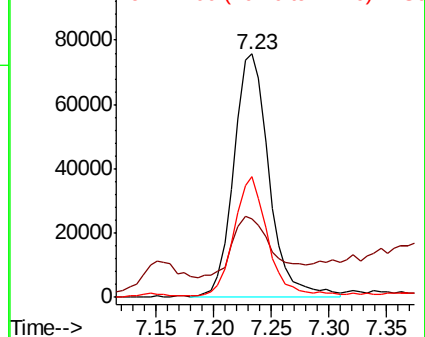
99 100

42 32.0 17.2 25.8#

71 49.7 33.1 49.7#



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: 6.740 ng

RT: 7.26 min Scan# 710

Delta R.T. 0.01 min

Lab File: BG043227.D

Acq: 15 Oct 2019 20:27

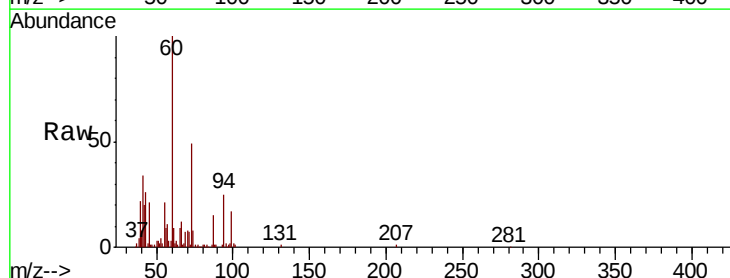
Tgt Ion: 94 Resp: 28587

Ion Ratio Lower Upper

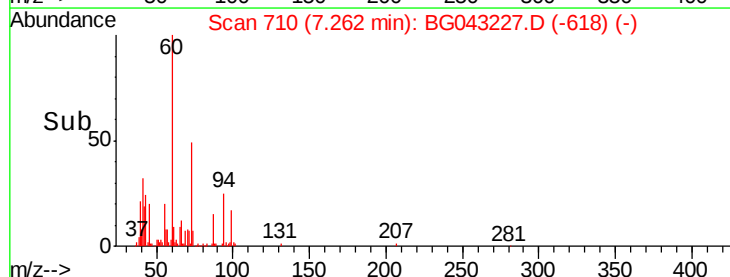
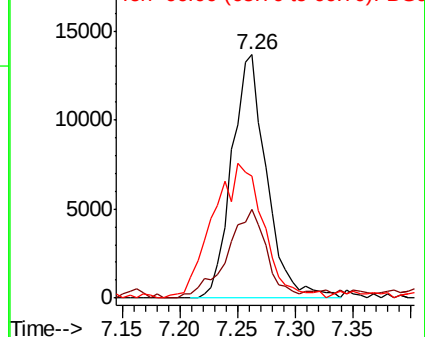
94 100

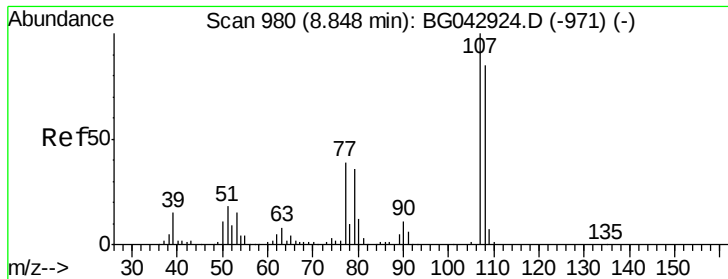
65 36.4 16.6 56.6

66 50.1 32.4 72.4



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: 2.343 ng

RT: 8.83 min Scan# 976

Delta R.T. -0.00 min

Lab File: BG043227.D

Acq: 15 Oct 2019 20:27

Instrument :

BNA_G

ClientSampleId :

EFF-WASTE-WATER

Tot Ion:107 Resp: 9530

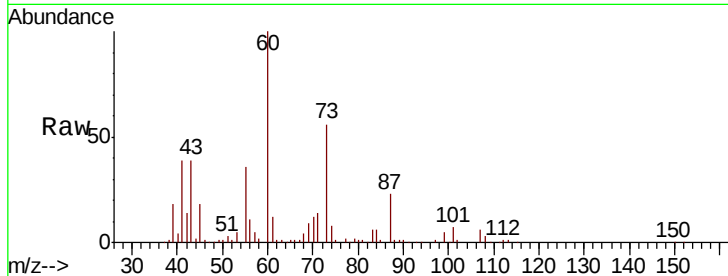
Ion Ratio Lower Upper

107 100

108 48.3 64.9 104.9#

77 34.5 19.4 59.4

79 35.9 16.2 56.2

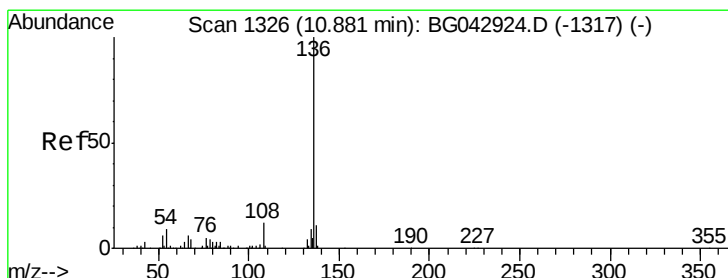
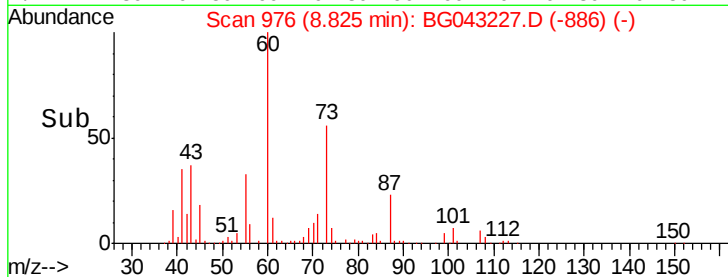
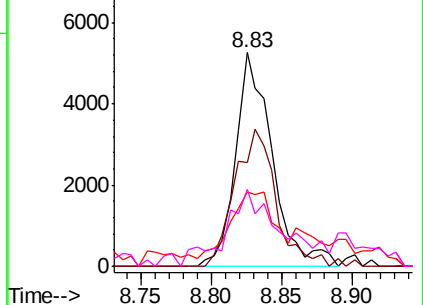


Abundance Ion 107.00 (106.70 to 107.70): E

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: 10.86 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BG043227.D

Acq: 15 Oct 2019 20:27

Tgt Ion:136 Resp: 219507

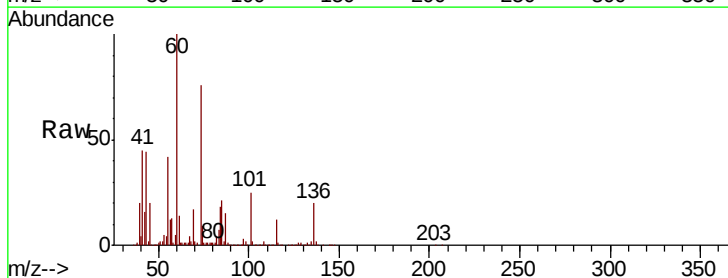
Ion Ratio Lower Upper

136 100

137 10.4 8.5 12.7

54 21.4 7.4 11.2#

68 12.1 3.6 5.4#

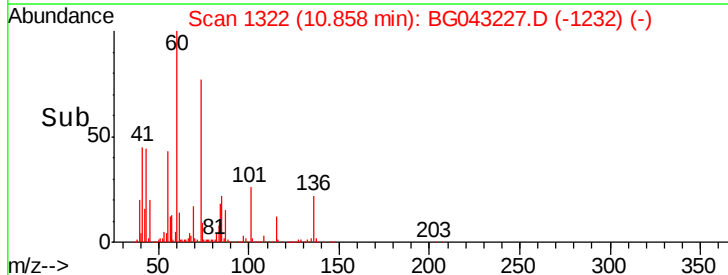
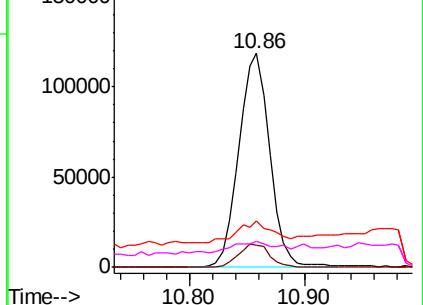


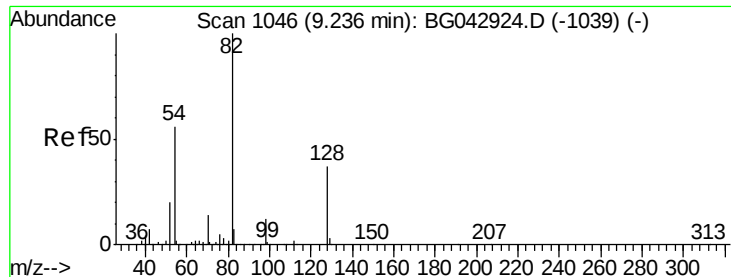
Abundance Ion 136.00 (135.70 to 136.70): E

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

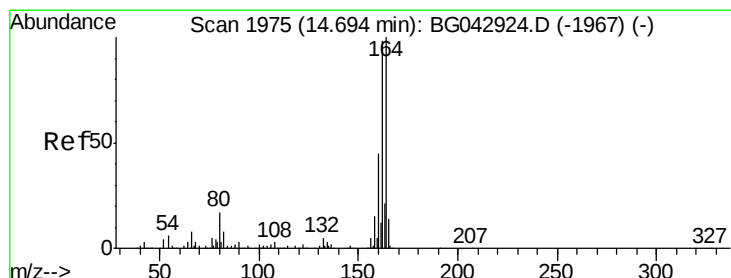
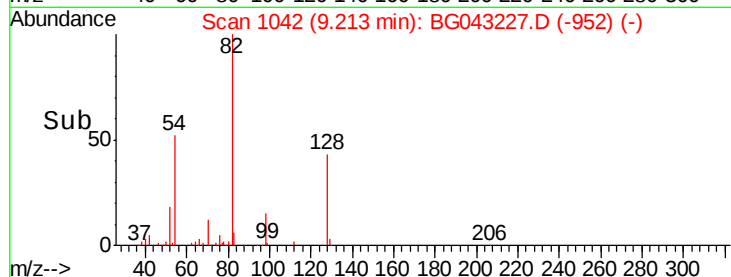
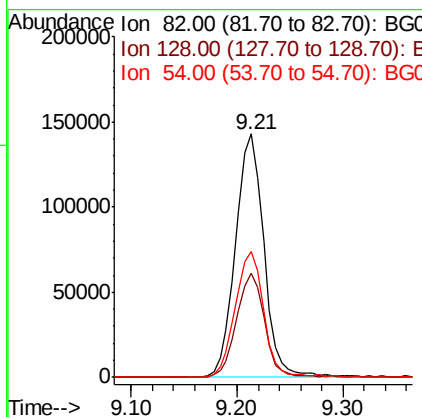
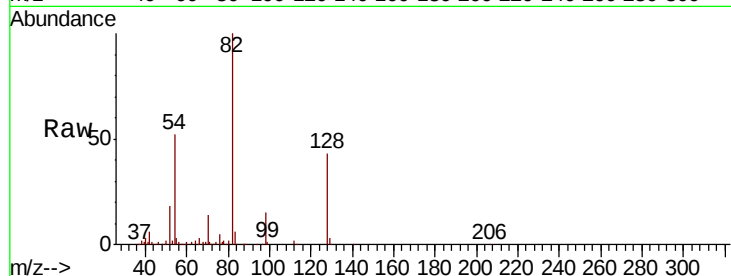




#23
Nitrobenzene-d5
Concen: 58.604 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BG043227.D
Acq: 15 Oct 2019 20:27

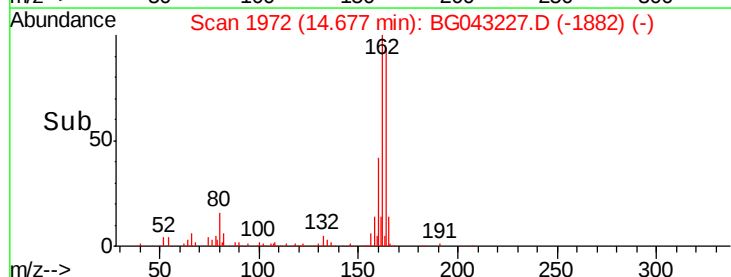
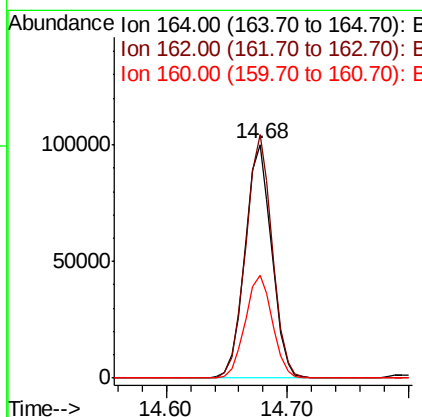
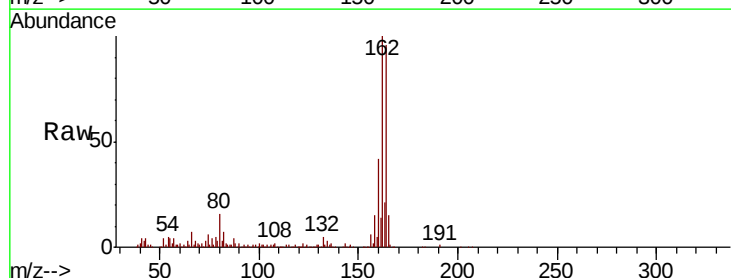
Instrument :
BNA_G
ClientSampleId :
EFF-WASTE-WATER

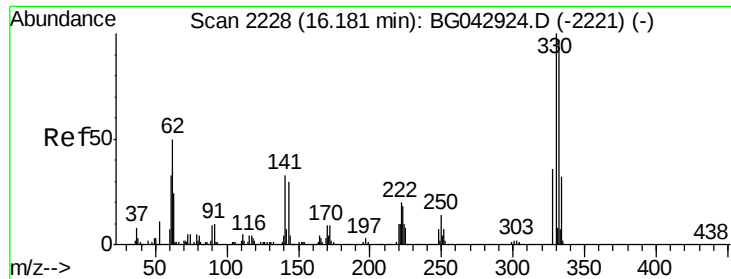
Tot Ion	82	Resp	264665
Ion Ratio	Lower	Upper	
82	100		
128	42.8	29.5	44.3
54	51.9	44.6	67.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1972
Delta R.T. -0.00 min
Lab File: BG043227.D
Acq: 15 Oct 2019 20:27

Tgt Ion	164	Resp	154810
Ion Ratio	Lower	Upper	
164	100		
162	104.0	78.5	117.7
160	44.2	35.9	53.9

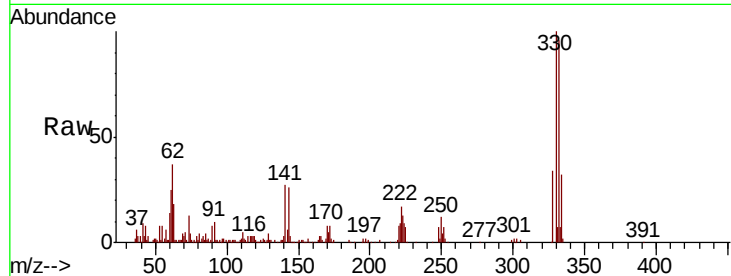




#42
 2,4,6-Tribromophenol
 Concen: 72.207 ng
 RT: 16.18 min Scan# 2227
 Delta R.T. 0.01 min
 Lab File: BG043227.D
 Acq: 15 Oct 2019 20:27

Instrument :
 BNA_G
 ClientSampleId :
 EFF-WASTE-WATER

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	78.2	117.2
141	26.8	26.0	39.0

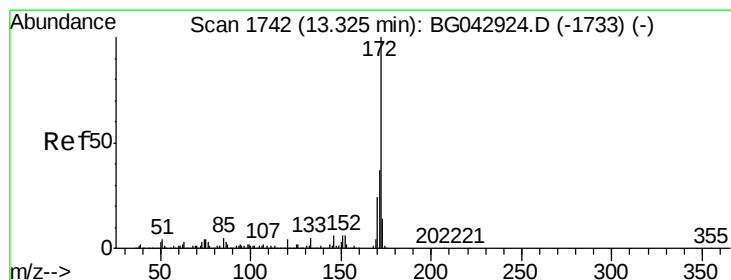
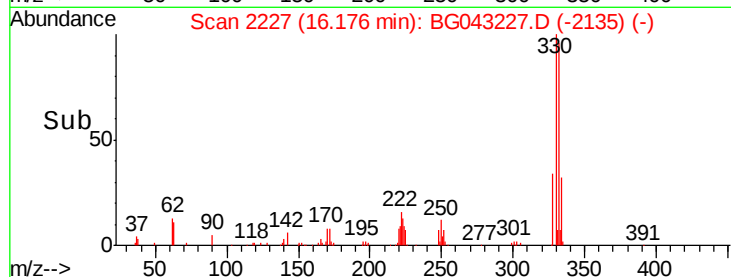
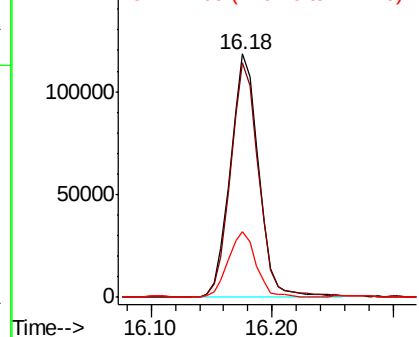


Abundance

Ion 329.80 (329.50 to 330.50): E

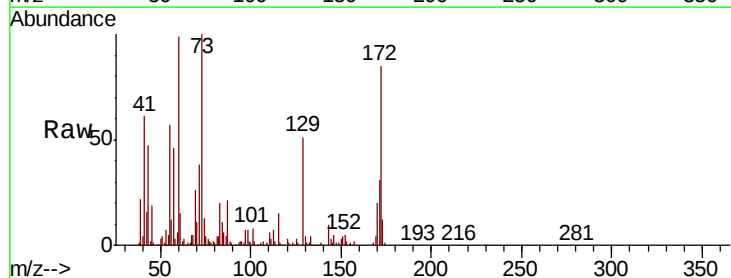
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 77.724 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.00 min
 Lab File: BG043227.D
 Acq: 15 Oct 2019 20:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	23.5	19.6	29.4

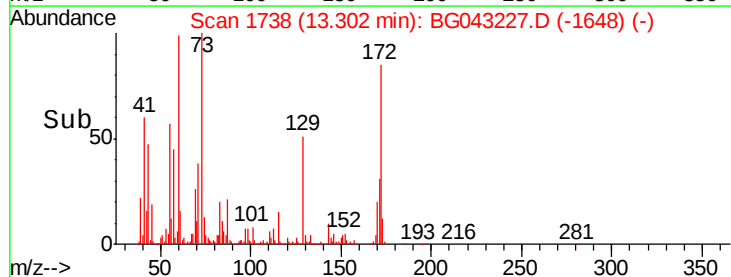
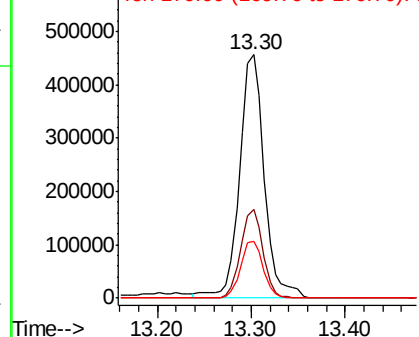


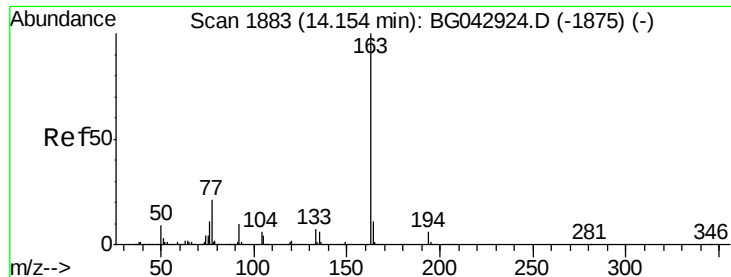
Abundance

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

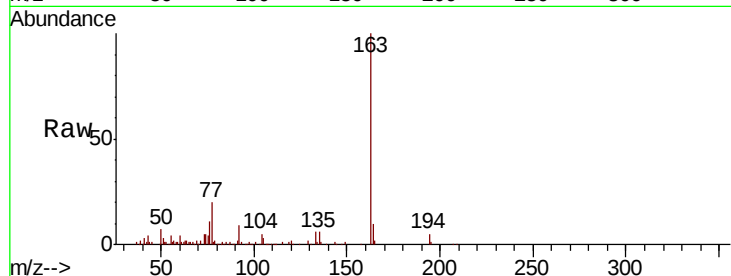




#50
Dimethylphthalate
Concen: 11.780 ng
RT: 14.13 min Scan# 1879
Delta R.T. -0.00 min
Lab File: BG043227.D
Acq: 15 Oct 2019 20:27

Instrument :
BNA_G
ClientSampleId :
EFF-WASTE-WATER

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.7	4.4	6.6
164	9.8	8.6	12.8

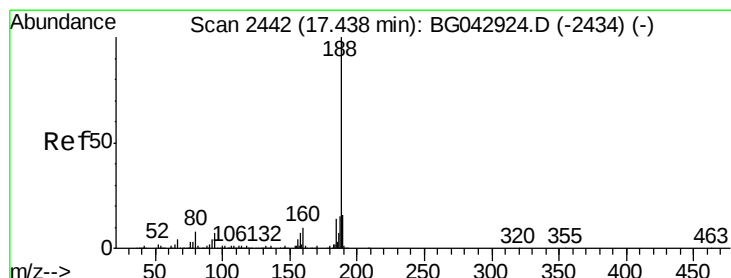
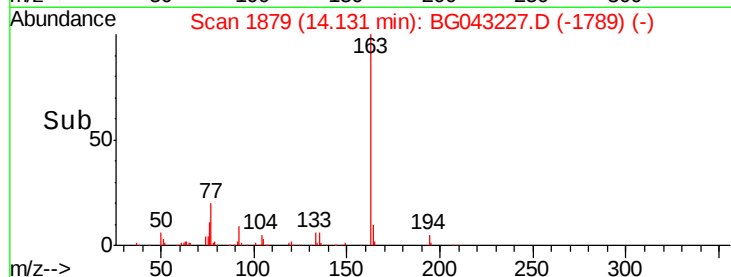
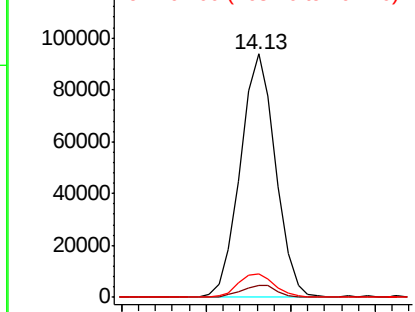


Abundance

Ion 163.00 (162.70 to 163.70): E

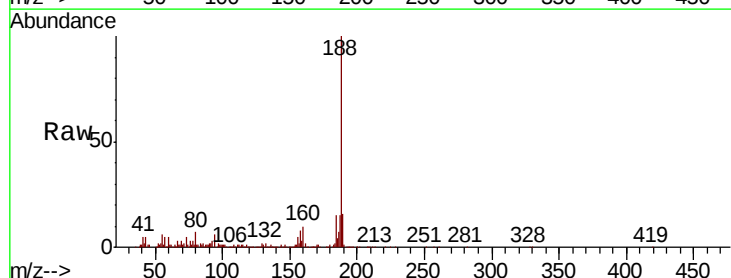
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. 0.01 min
Lab File: BG043227.D
Acq: 15 Oct 2019 20:27

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.5	5.7	8.5#
80	6.6	6.5	9.7

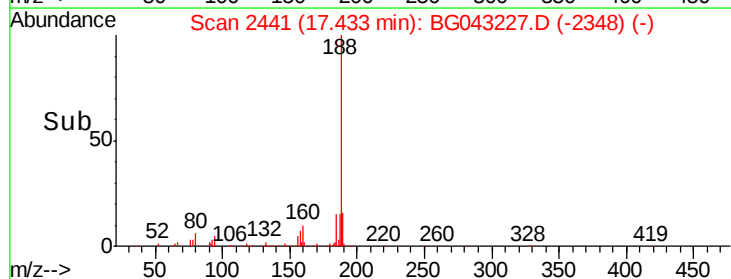
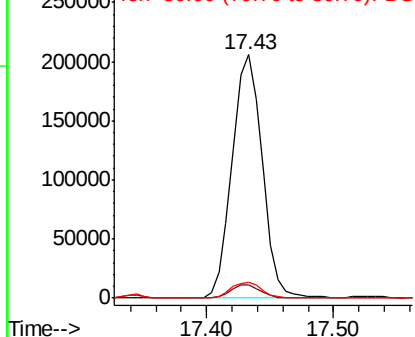


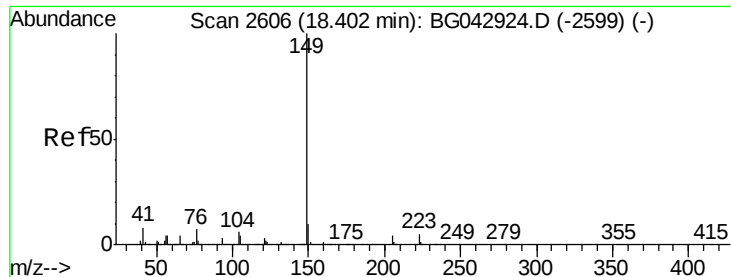
Abundance

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





#74

Di-n-butylphthalate

Concen: 2.127 ng

RT: 18.40 min Scan# 2605

Delta R.T. 0.02 min

Lab File: BG043227.D

Acq: 15 Oct 2019 20:27

Instrument :

BNA_G

ClientSampleId :

EFF-WASTE-WATER

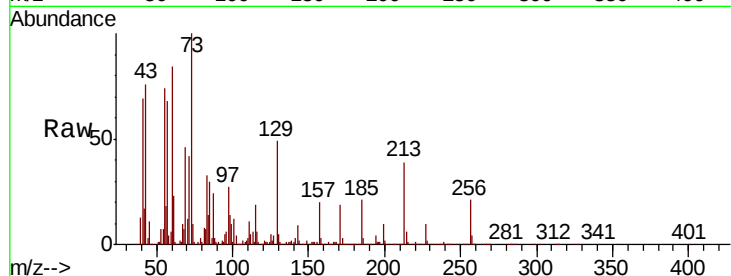
Tot Ion:149 Resp: 38841

Ion Ratio Lower Upper

149 100

150 15.6 7.7 11.5#

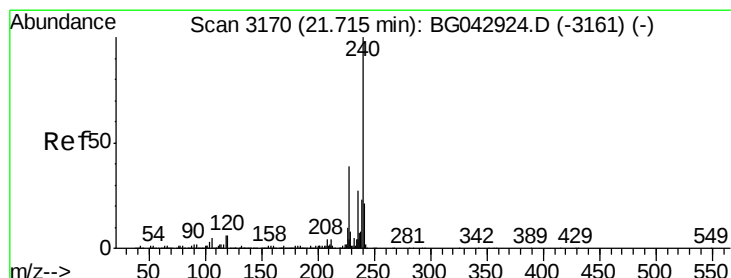
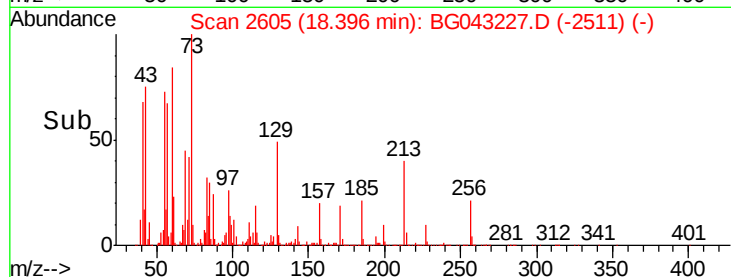
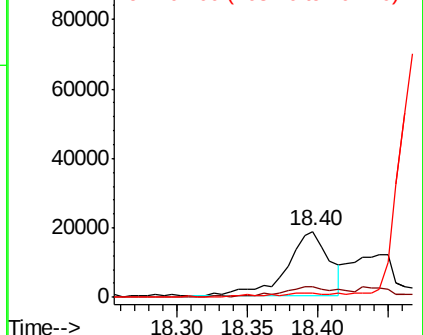
104 6.0 5.0 7.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3168

Delta R.T. 0.01 min

Lab File: BG043227.D

Acq: 15 Oct 2019 20:27

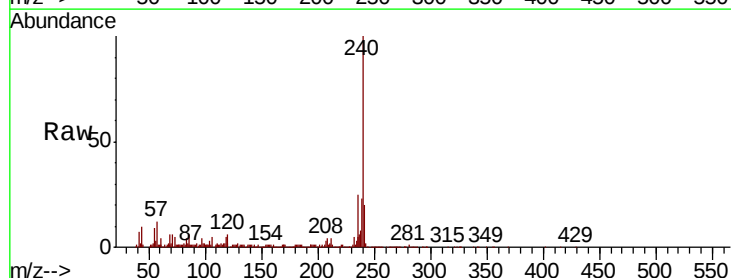
Tgt Ion:240 Resp: 375868

Ion Ratio Lower Upper

240 100

120 5.7 4.8 7.2

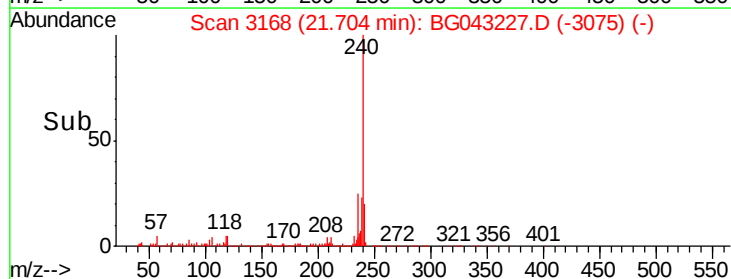
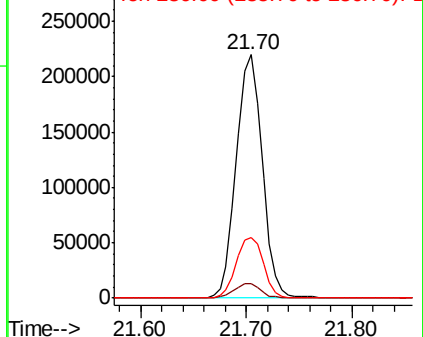
236 25.1 21.4 32.0

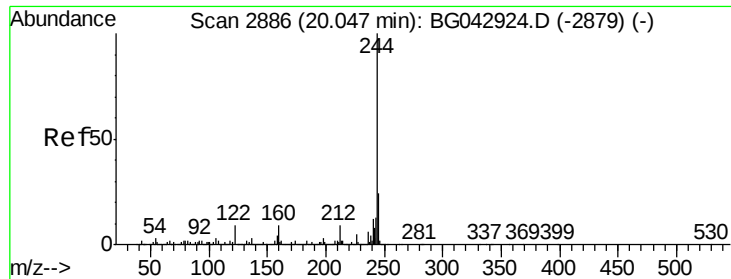


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 75.293 ng

RT: 20.05 min Scan# 2886

Delta R.T. 0.02 min

Lab File: BG043227.D

Acq: 15 Oct 2019 20:27

Instrument :

BNA_G

ClientSampleId :

EFF-WASTE-WATER

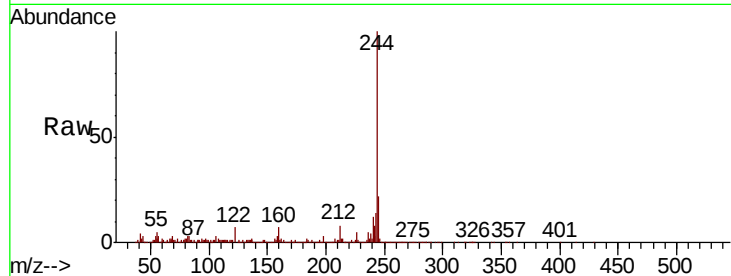
Tot Ion:244 Resp: 1328105

Ion Ratio Lower Upper

244 100

212 7.7 7.4 11.0

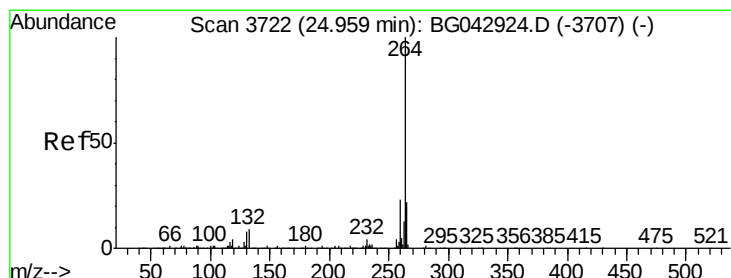
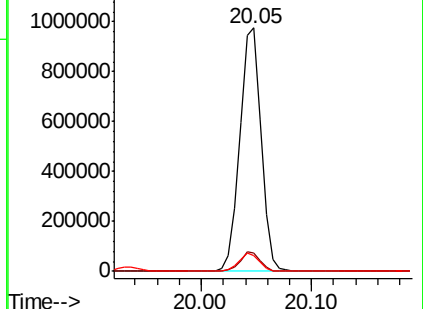
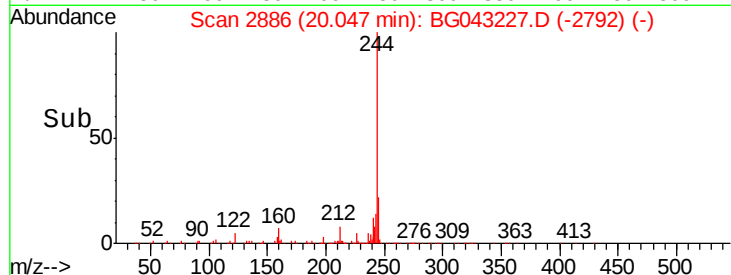
122 6.6 7.0 10.4#



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: 24.93 min Scan# 3717

Delta R.T. 0.02 min

Lab File: BG043227.D

Acq: 15 Oct 2019 20:27

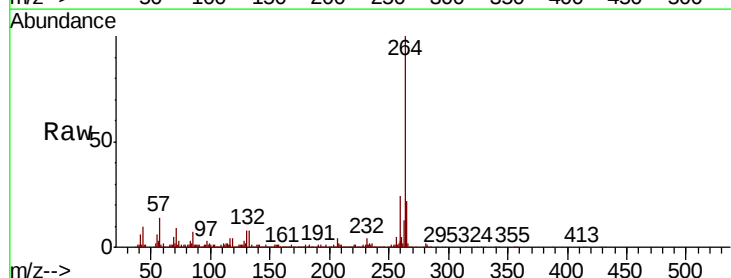
Tgt Ion:264 Resp: 442351

Ion Ratio Lower Upper

264 100

260 23.8 18.7 28.1

265 22.3 17.7 26.5



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

