

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071819\
 Data File : BG041716.D
 Acq On : 18 Jul 2019 19:05
 Operator : HP/JU
 Sample : K3838-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WARINANCO-CITY-SEWER-INSTAL

Quant Time: Jul 19 08:45:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 15 16:16:21 2019
 Response via : Initial Calibration

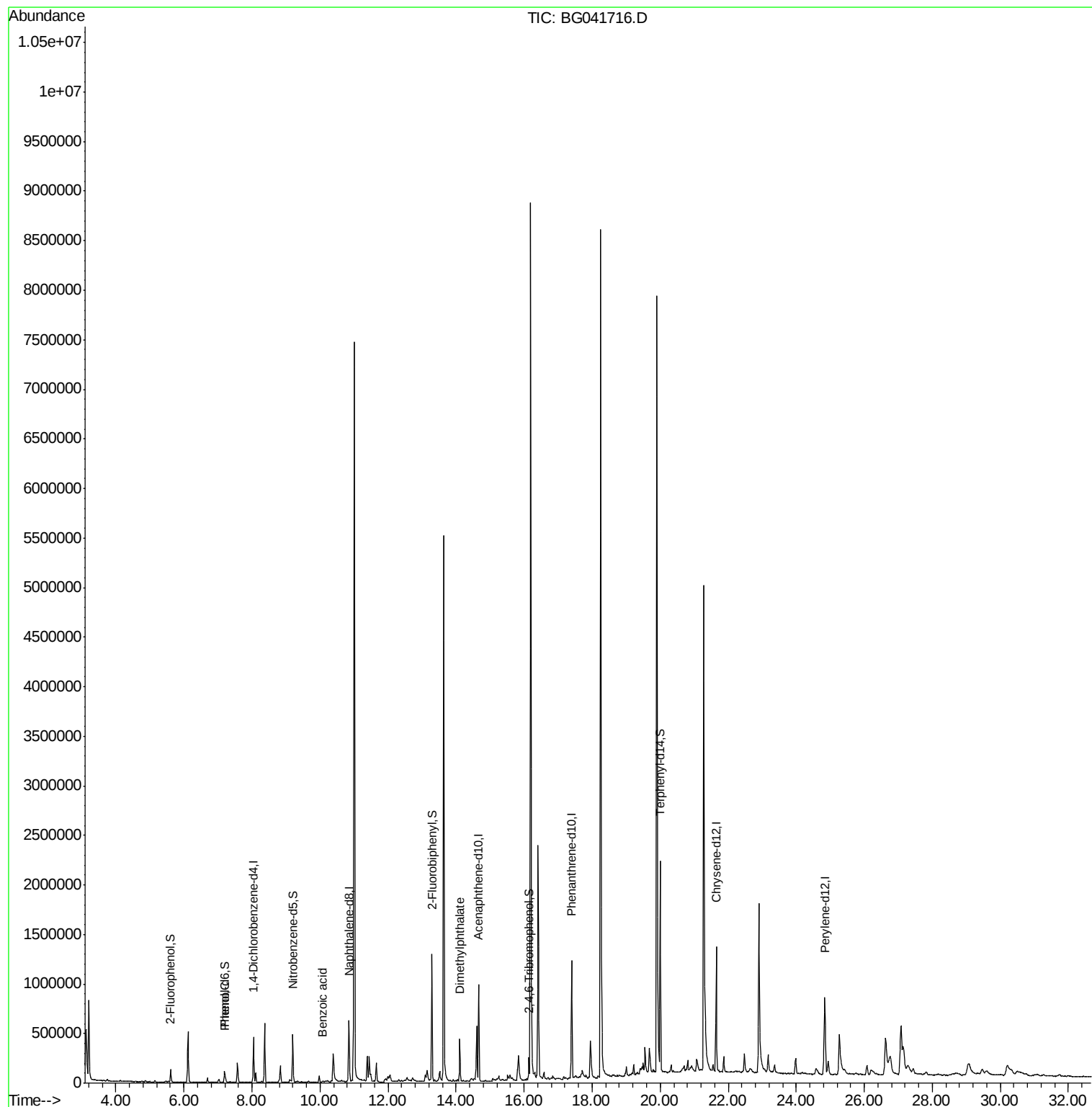
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	130251	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	534956	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	327084	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	758238	20.00	ng	-0.01
76) Chrysene-d12	21.65	240	730080	20.00	ng	-0.01
87) Perylene-d12	24.85	264	830443	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	59927	7.52	ng	0.00
7) Phenol-d6	7.20	99	63598	5.93	ng	0.00
23) Nitrobenzene-d5	9.20	82	287846	32.72	ng	-0.01
42) 2,4,6-Tribromophenol	16.14	330	38375	10.41	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	698585	33.07	ng	0.00
79) Terphenyl-d14	20.00	244	1016943	32.55	ng	-0.01
Target Compounds						
10) Phenol	7.22	94	29423	2.606	ng	98
32) Benzoic acid	10.08	122	6998	7.070	ng	96
50) Dimethylphthalate	14.11	163	291450	11.345	ng	98

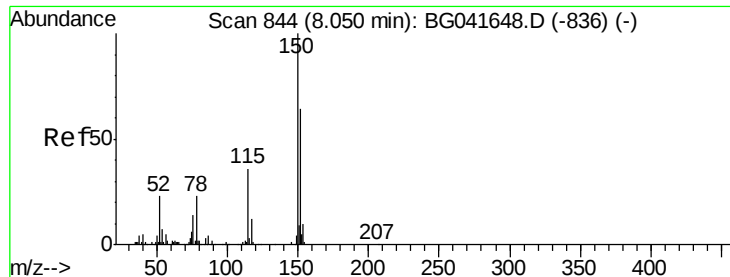
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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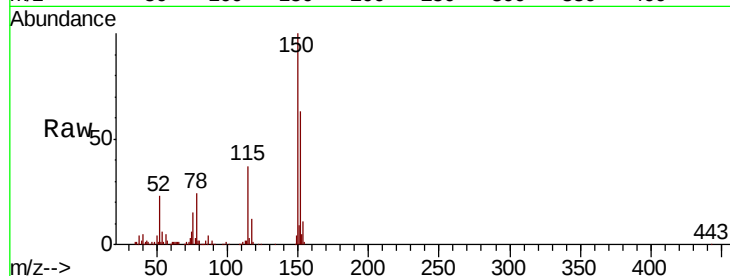


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG041716.D
Acq: 18 Jul 2019 19:05

Instrument :
BNA_G
ClientSampleId :
WARINANCO-CITY-SEWER-INSTAL

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.9	126.9	190.3
115	58.8	45.0	67.6

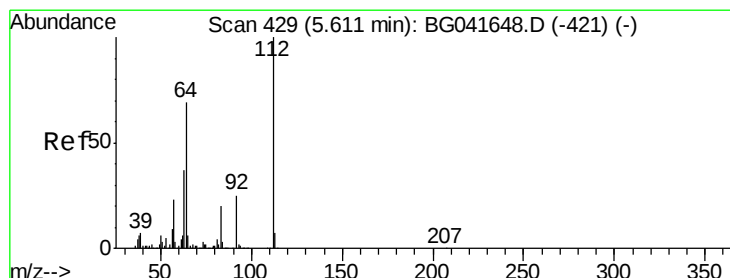
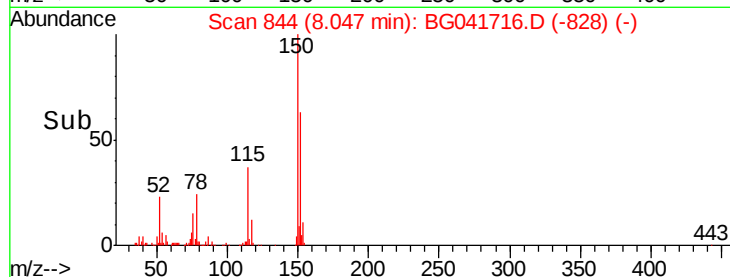
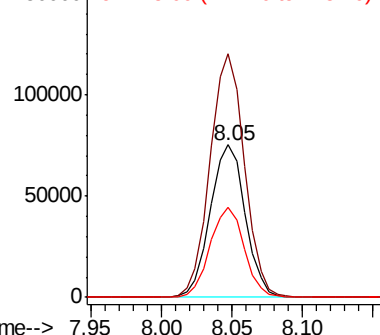


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

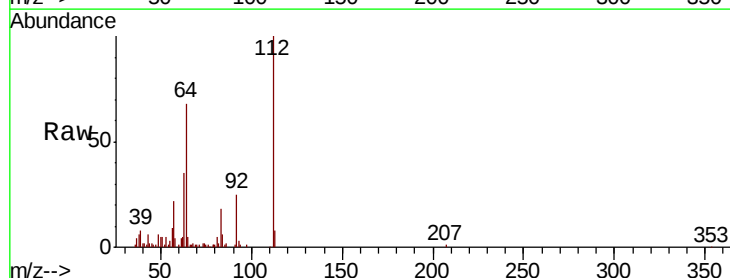
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 7.521 ng
RT: 5.61 min Scan# 429
Delta R.T. -0.00 min
Lab File: BG041716.D
Acq: 18 Jul 2019 19:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.5	55.4	83.2
63	35.0	29.1	43.7

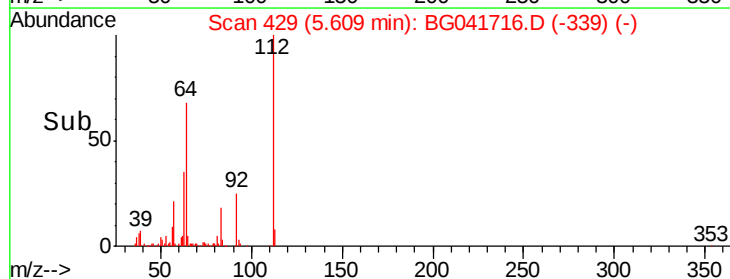
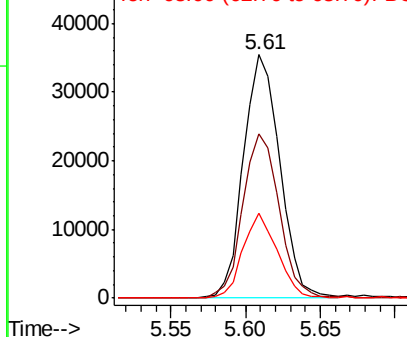


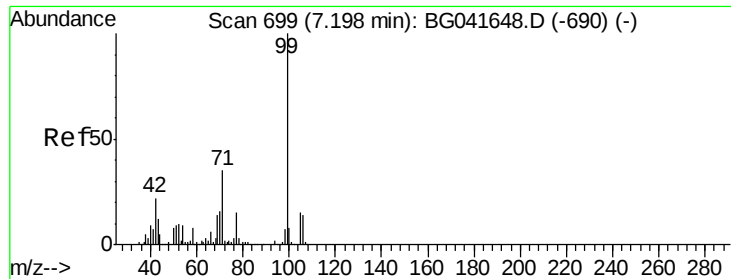
Abundance

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: 5.934 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG041716.D

Acq: 18 Jul 2019 19:05

Instrument :

BNA_G

ClientSampleId :

WARINANCO-CITY-SEWER-INSTAL

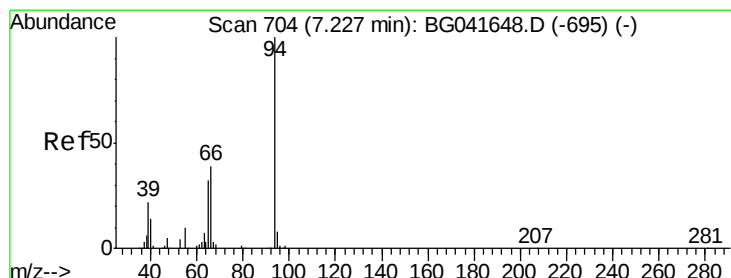
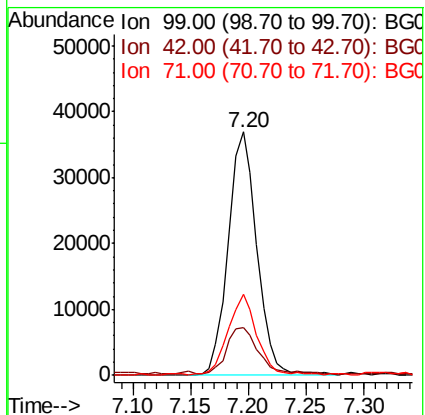
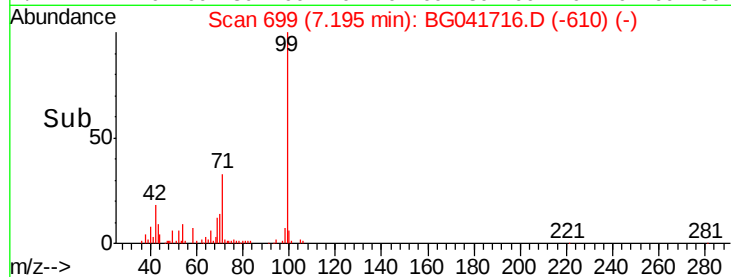
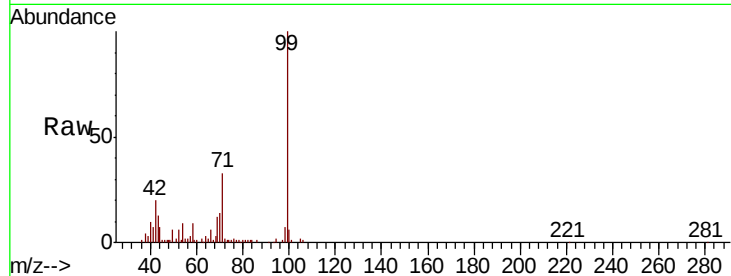
Tot Ion: 99 Resp: 63598

Ion Ratio Lower Upper

99 100

42 19.5 17.6 26.4

71 33.2 27.8 41.6



#10

Phenol

Concen: 2.606 ng

RT: 7.22 min Scan# 703

Delta R.T. -0.01 min

Lab File: BG041716.D

Acq: 18 Jul 2019 19:05

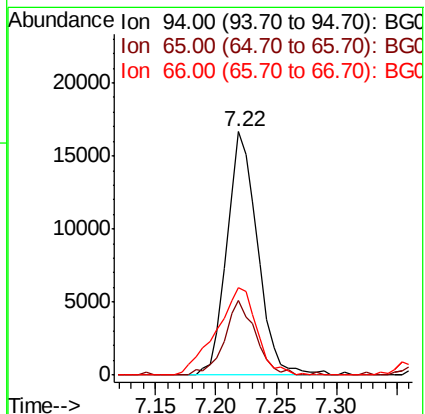
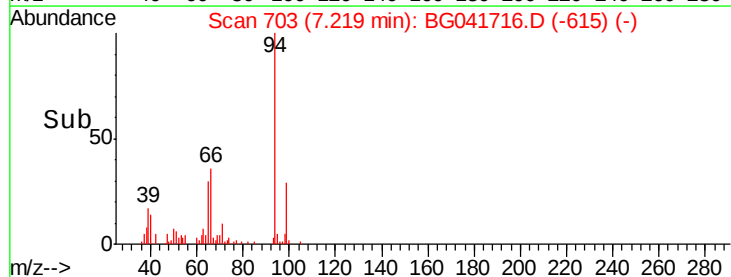
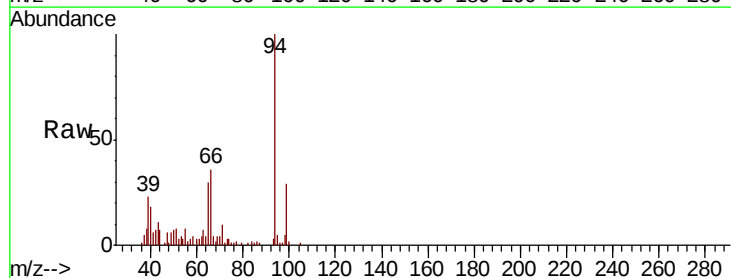
Tgt Ion: 94 Resp: 29423

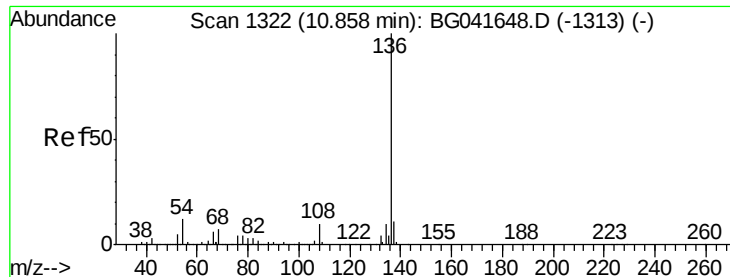
Ion Ratio Lower Upper

94 100

65 30.4 10.6 50.6

66 36.0 18.2 58.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.85 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BG041716.D

Acq: 18 Jul 2019 19:05

Instrument :

BNA_G

ClientSampleId :

WARINANCO-CITY-SEWER-INSTAL

Tot Ion:136 Resp: 534956

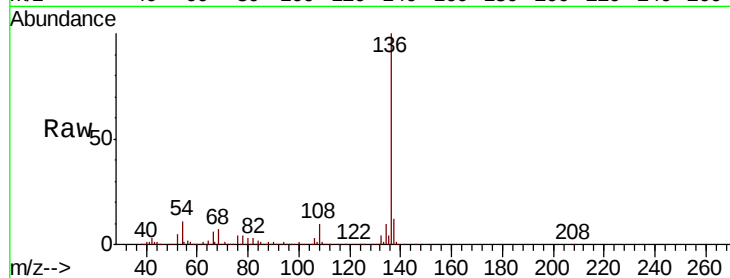
Ion Ratio Lower Upper

136 100

137 11.7 9.2 13.8

54 11.0 8.7 13.1

68 6.5 5.5 8.3

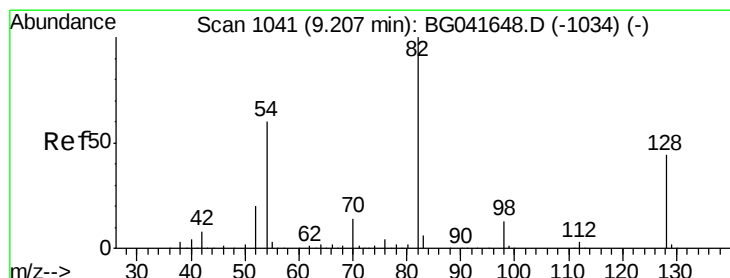
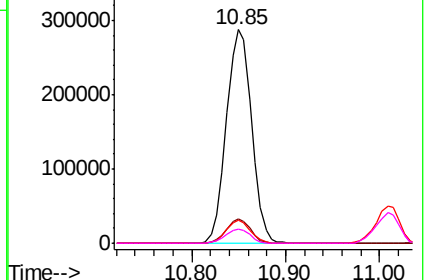
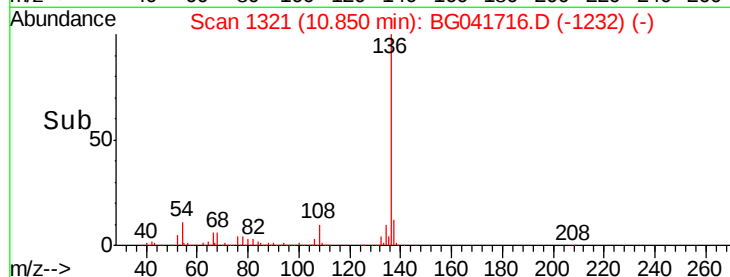


Abundance Ion 136.00 (135.70 to 136.70): E

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: 32.723 ng

RT: 9.20 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BG041716.D

Acq: 18 Jul 2019 19:05

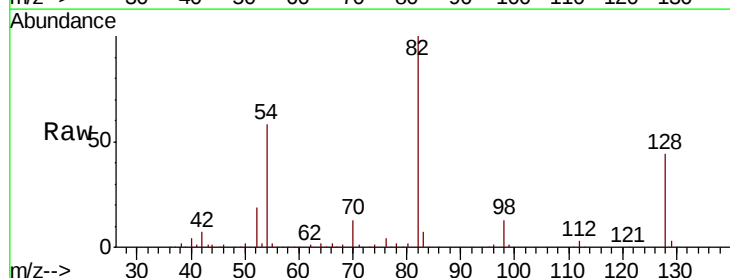
Tgt Ion: 82 Resp: 287846

Ion Ratio Lower Upper

82 100

128 43.7 35.1 52.7

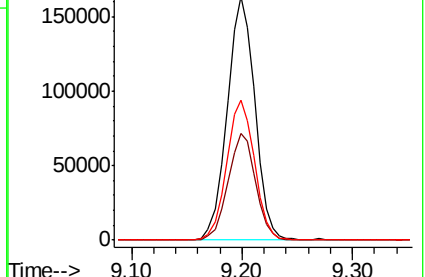
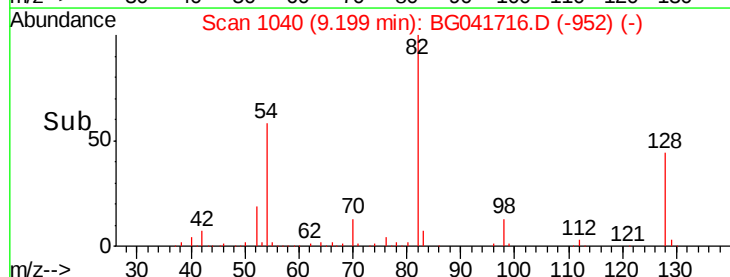
54 57.6 48.7 73.1

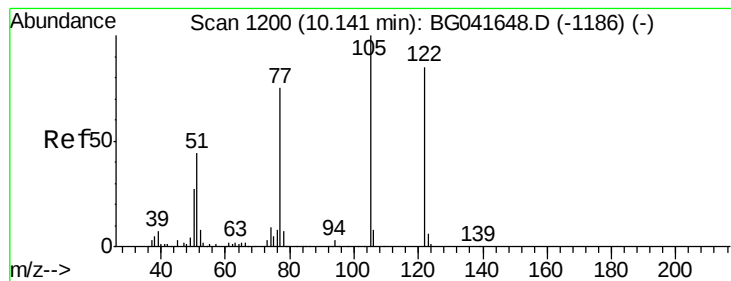


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#32

Benzoic acid

Concen: 7.070 ng

RT: 10.08 min Scan# 1190

Delta R.T. -0.09 min

Lab File: BG041716.D

Acq: 18 Jul 2019 19:05

Instrument :

BNA_G

ClientSampleId :

WARINANCO-CITY-SEWER-INSTAL

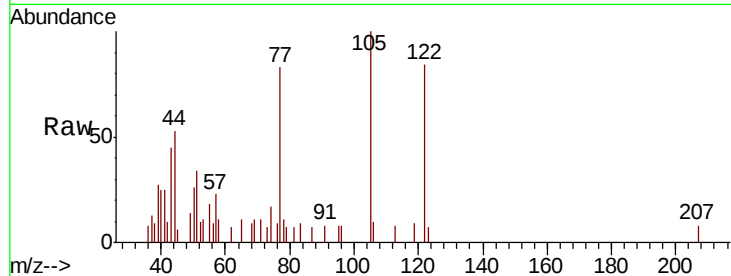
Tot Ion:122 Resp: 6998

Ion Ratio Lower Upper

122 100

105 118.9 101.5 141.5

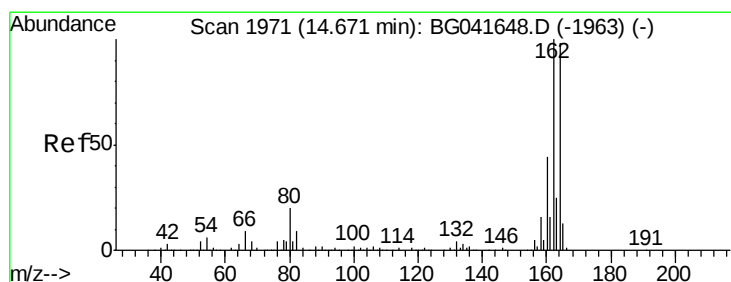
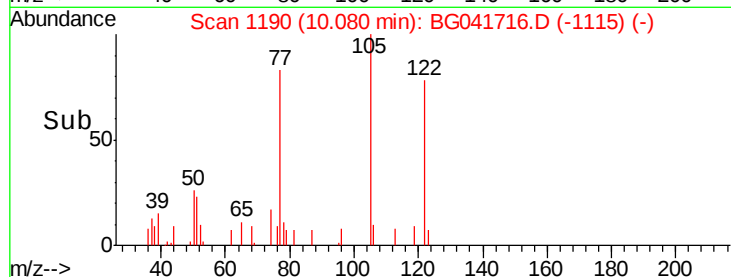
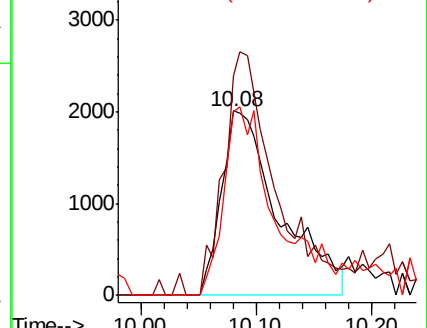
77 99.1 73.0 113.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1970

Delta R.T. -0.01 min

Lab File: BG041716.D

Acq: 18 Jul 2019 19:05

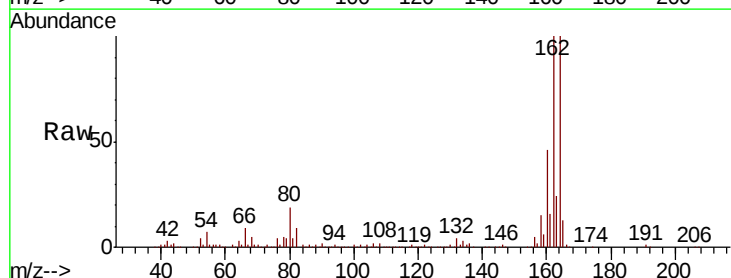
Tgt Ion:164 Resp: 327084

Ion Ratio Lower Upper

164 100

162 99.8 79.6 119.4

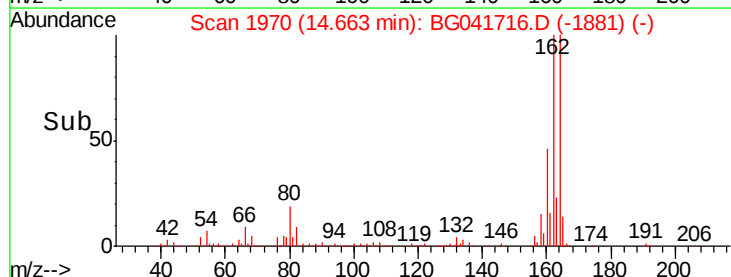
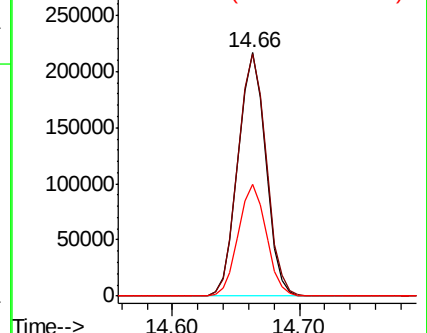
160 46.0 35.4 53.0

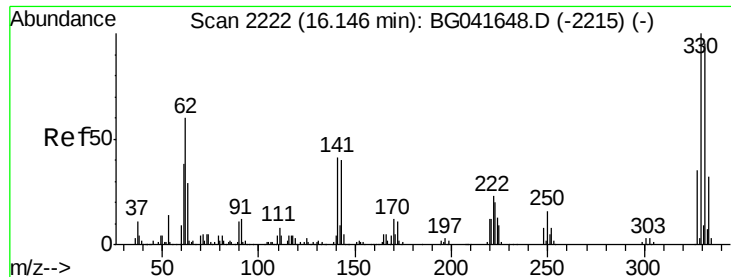


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

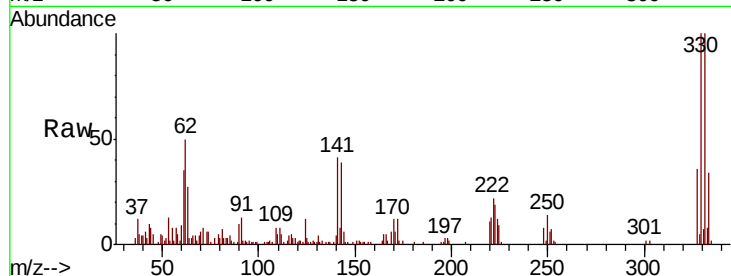




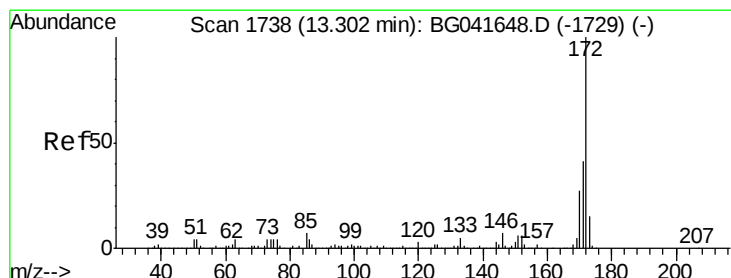
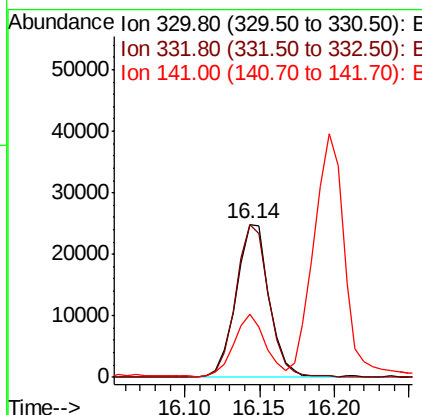
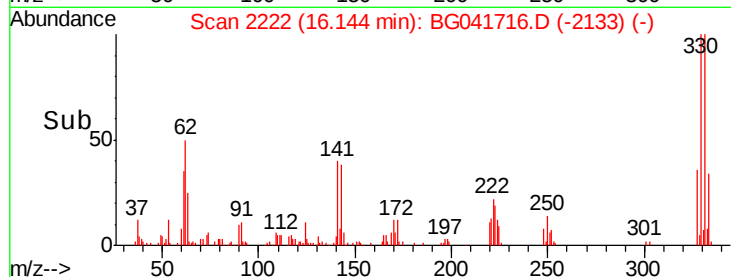
#42
 2,4,6-Tribromophenol
 Concen: 10.410 ng
 RT: 16.14 min Scan# 2222
 Delta R.T. -0.01 min
 Lab File: BG041716.D
 Acq: 18 Jul 2019 19:05

Instrument :
 BNA_G
 ClientSampleId :
 WARINANCO-CITY-SEWER-INSTAL

Tot Ion:330 Resp: 38375
 Ion Ratio Lower Upper
 330 100
 332 99.0 77.4 116.0
 141 40.0 31.9 47.9

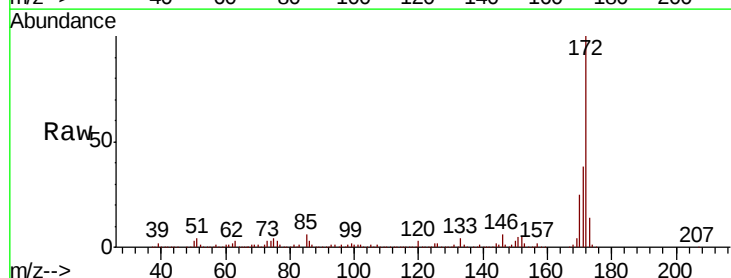


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

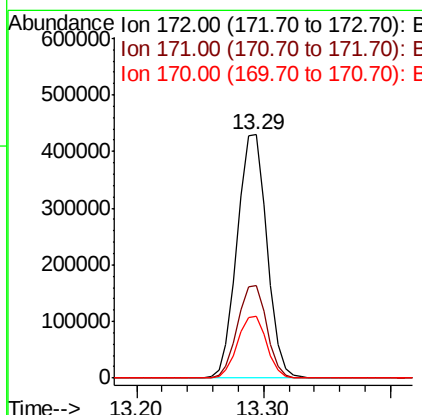
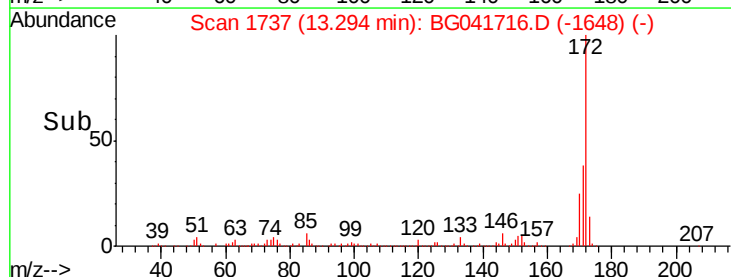


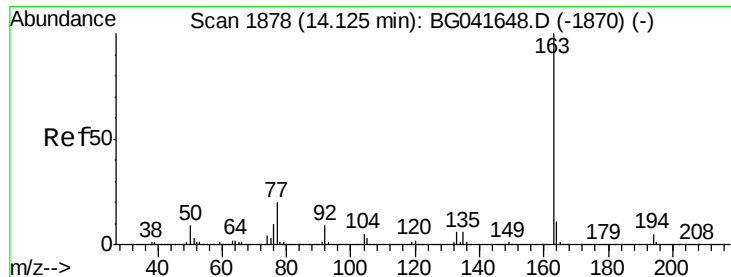
#45
 2-Fluorobiphenyl
 Concen: 33.073 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. -0.01 min
 Lab File: BG041716.D
 Acq: 18 Jul 2019 19:05

Tgt Ion:172 Resp: 698585
 Ion Ratio Lower Upper
 172 100
 171 37.8 35.0 52.4
 170 25.4 23.5 35.3



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

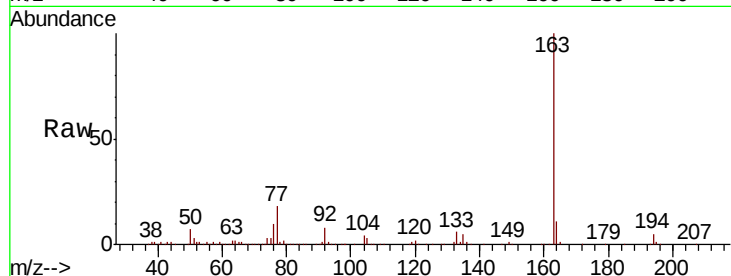




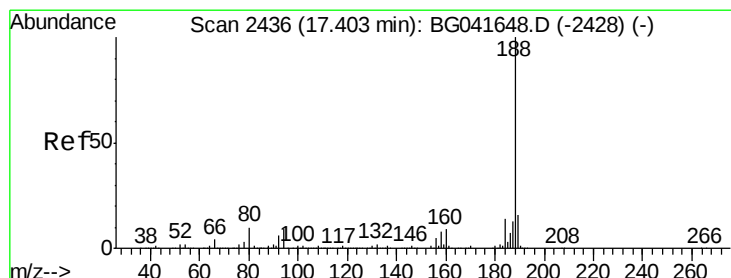
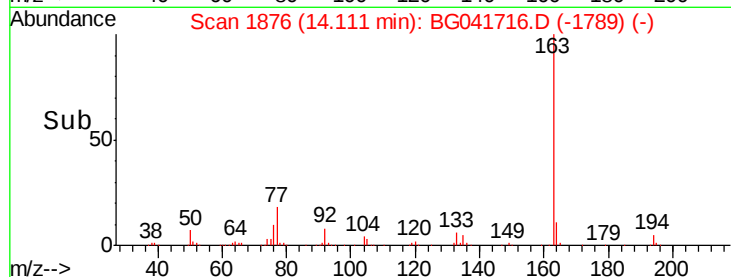
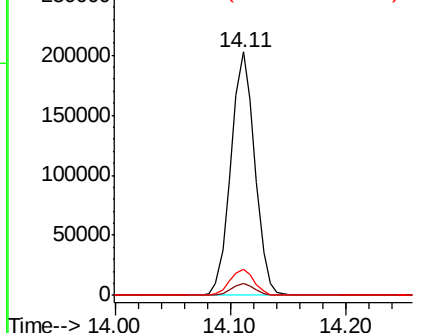
#50
Dimethylphthalate
Concen: 11.345 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.02 min
Lab File: BG041716.D
Acq: 18 Jul 2019 19:05

Instrument :
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WARINANCO-CITY-SEWER-INSTAL

Tot Ion:163 Resp: 291450
Ion Ratio Lower Upper
163 100
194 5.0 4.2 6.2
164 10.8 9.4 14.2

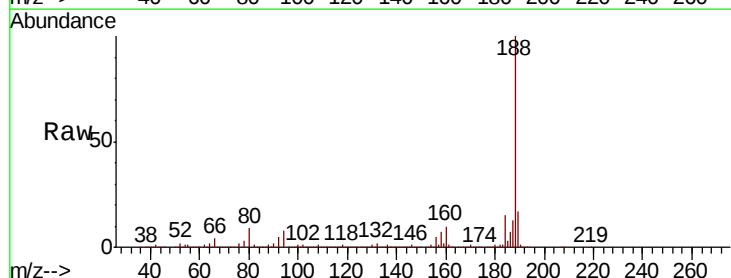


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

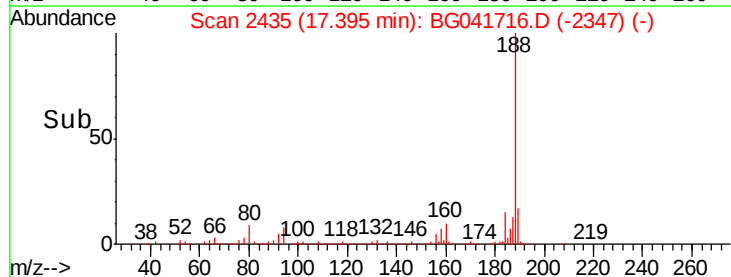
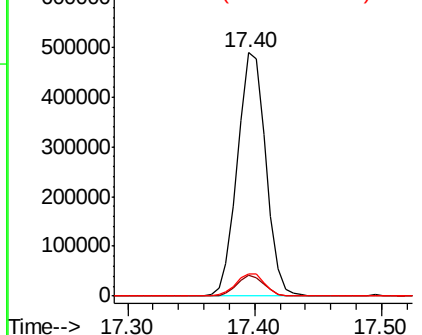


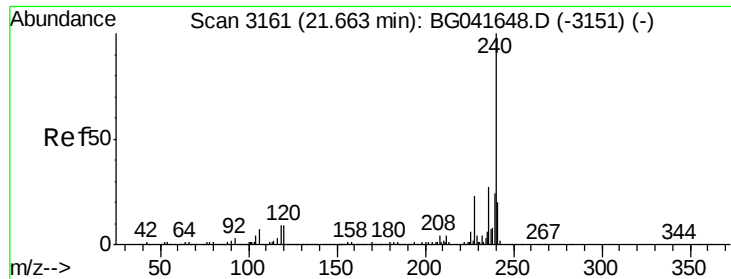
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG041716.D
Acq: 18 Jul 2019 19:05

Tgt Ion:188 Resp: 758238
Ion Ratio Lower Upper
188 100
94 8.4 6.9 10.3
80 9.3 8.0 12.0



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

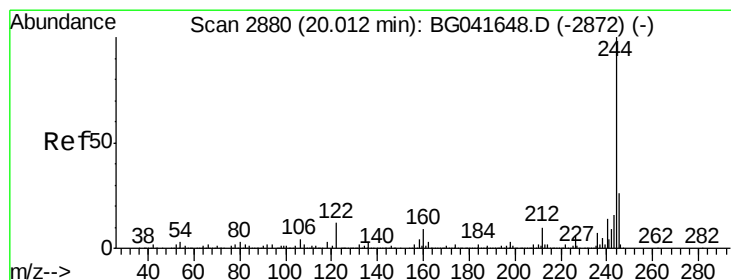
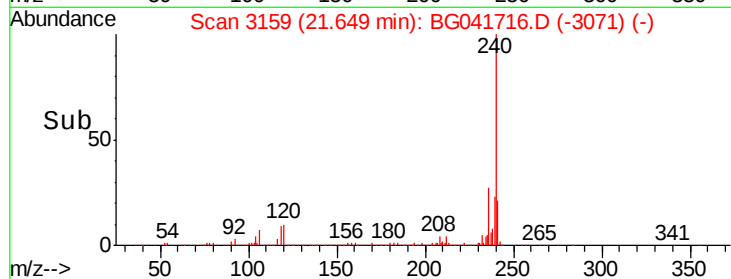
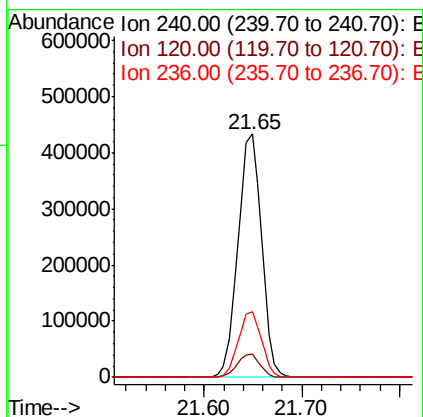
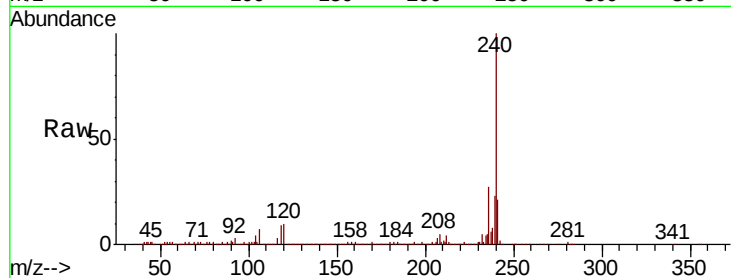




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3159
Delta R.T. -0.01 min
Lab File: BG041716.D
Acq: 18 Jul 2019 19:05

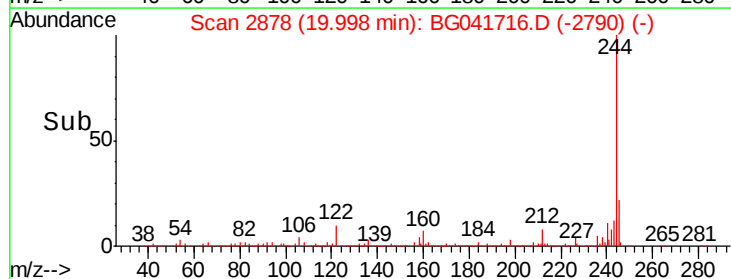
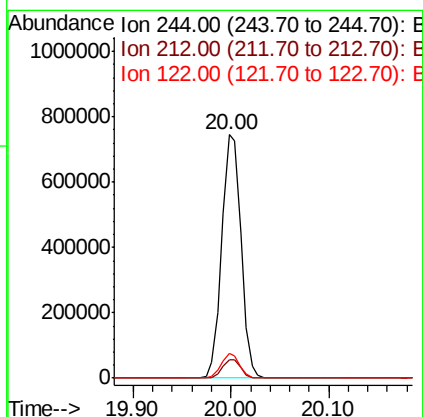
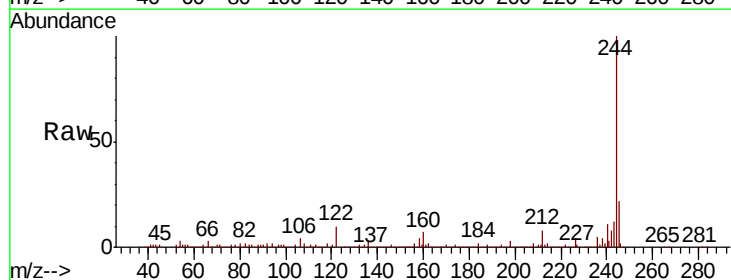
Instrument :
BNA_G
ClientSampleId :
WARINANCO-CITY-SEWER-INSTAL

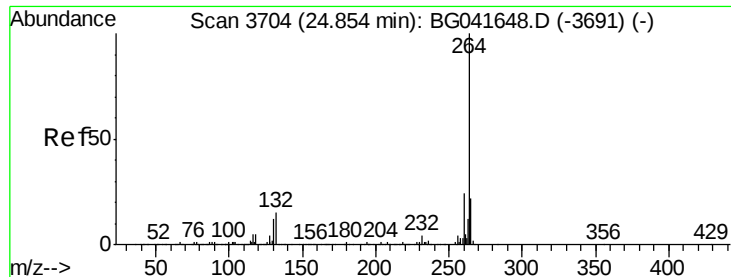
Tot Ion:240 Resp: 730080
Ion Ratio Lower Upper
240 100
120 9.6 8.0 12.0
236 27.1 22.6 33.8



#79
Terphenyl-d14
Concen: 32.551 ng
RT: 20.00 min Scan# 2878
Delta R.T. -0.01 min
Lab File: BG041716.D
Acq: 18 Jul 2019 19:05

Tgt Ion:244 Resp: 1016943
Ion Ratio Lower Upper
244 100
212 7.6 9.7 14.5#
122 10.3 12.5 18.7#





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3703
Delta R.T. -0.02 min
Lab File: BG041716.D
Acq: 18 Jul 2019 19:05

Instrument :
BNA_G
ClientSampleId :
WARINANCO-CITY-SEWER-INSTAL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	21.7	18.0	27.0

