

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 08:26:25 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

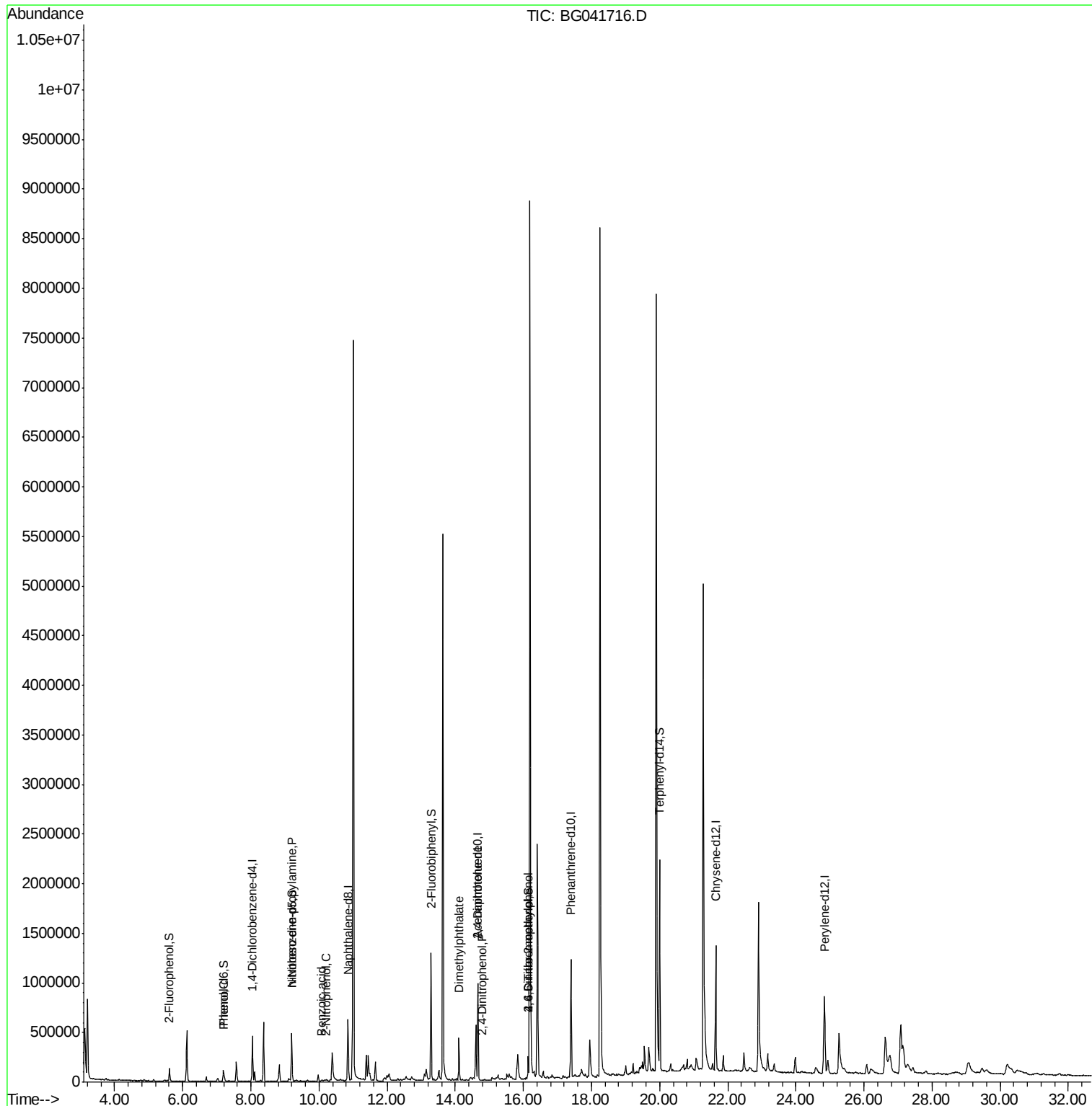
Target Compounds				Qvalue		
9) Benzaldehyde	7.19	77	1665	Below Cal	#	54
10) Phenol	7.22	94	29423	2.606	ng	98
19) n-Nitroso-di-n-propylamine	9.20	70	38292	4.889	ng	# 74
26) 2-Nitrophenol	10.20	139	146	4.683	ng	# 34
32) Benzoic acid	10.08	122	6998	7.070	ng	96
50) Dimethylphthalate	14.11	163	291450	11.345	ng	98
54) 2,4-Dinitrophenol	14.79	184	63	7.750	ng	# 21
57) 2,4-Dinitrotoluene	14.66	165	43319	6.014	ng	# 29
65) 4,6-Dinitro-2-methylphenol	16.14	198	1192	6.959	ng	91

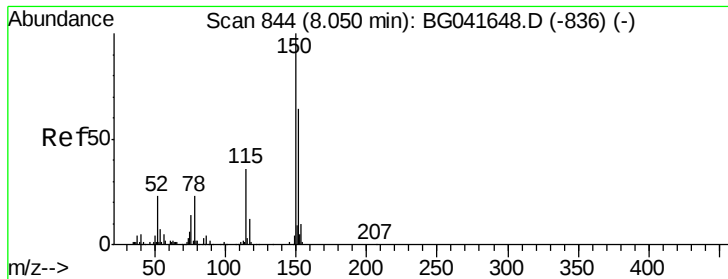
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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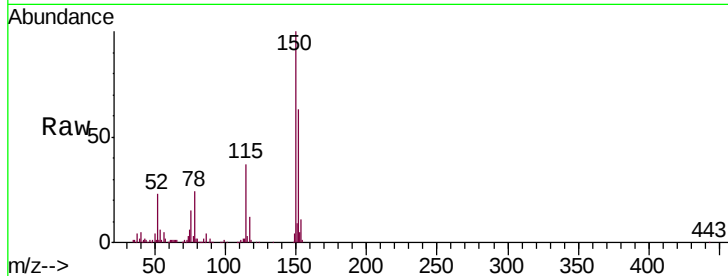


#1

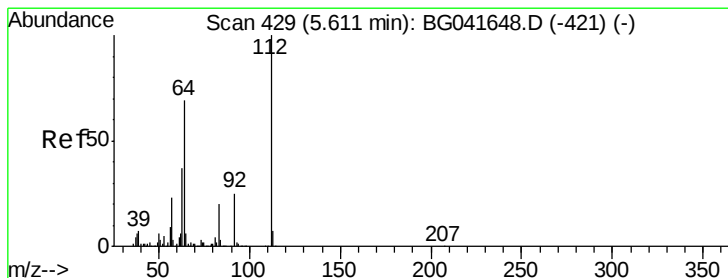
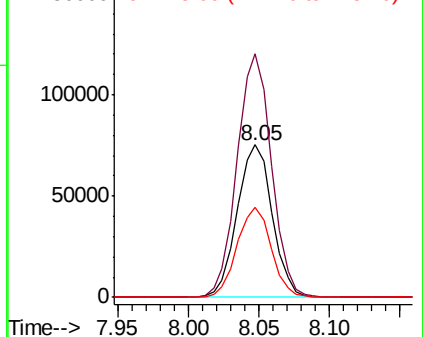
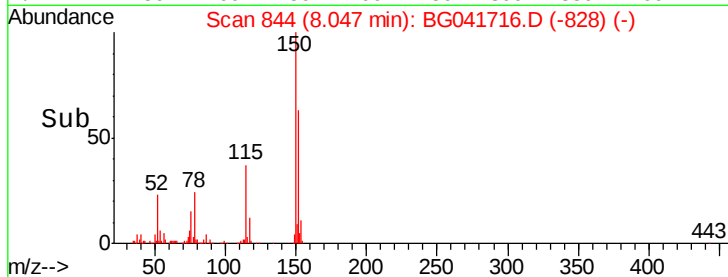
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG041716.D
Acq: 18 Jul 2019 19:05

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.9	126.9	190.3
115	58.8	45.0	67.6



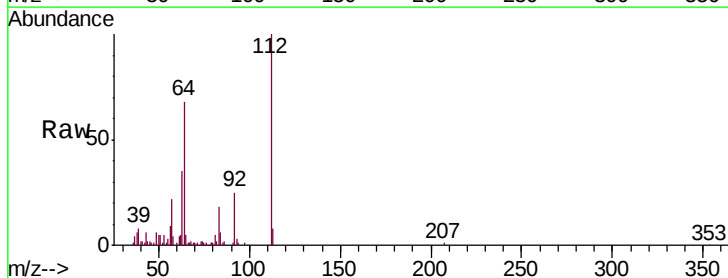
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



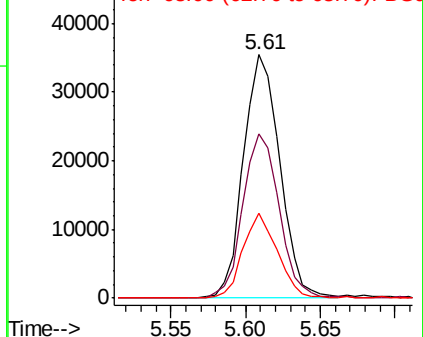
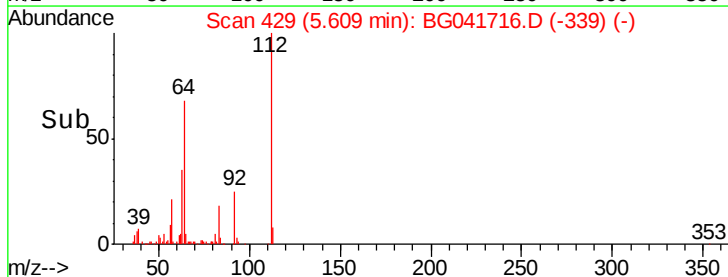
#5

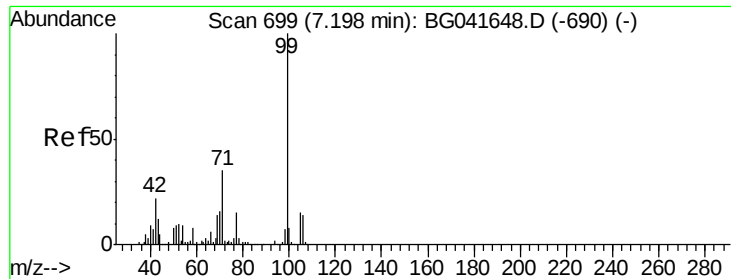
2-Fluorophenol
Concen: 7.521 ng
RT: 5.61 min Scan# 429
Delta R.T. -0.00 min
Lab File: BG041716.D
Acq: 18 Jul 2019 19:05

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): BG
Ion 63.00 (62.70 to 63.70): BG





#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

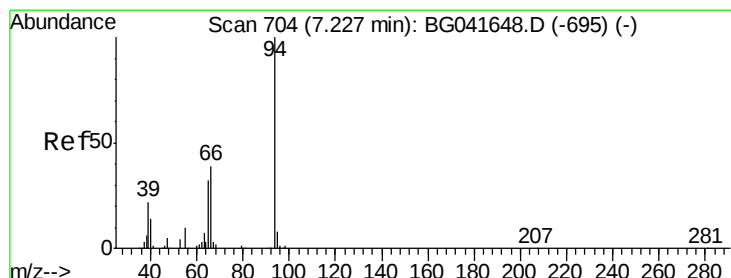
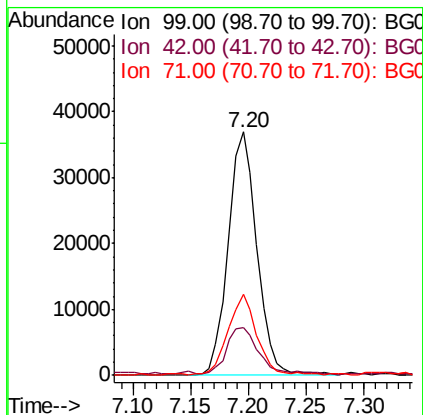
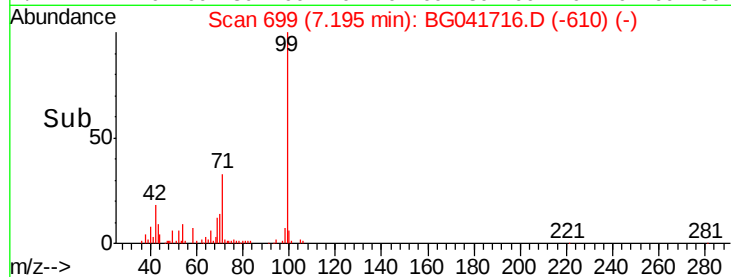
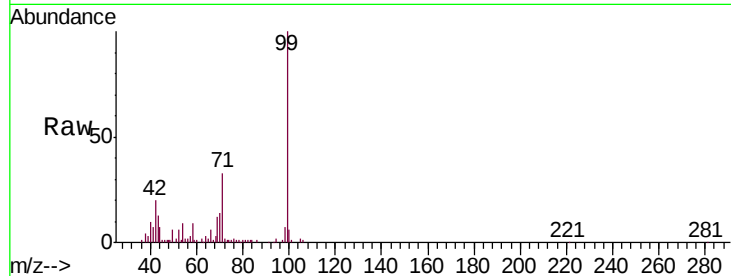
Tgt Ion: 99 Resp: 63598

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

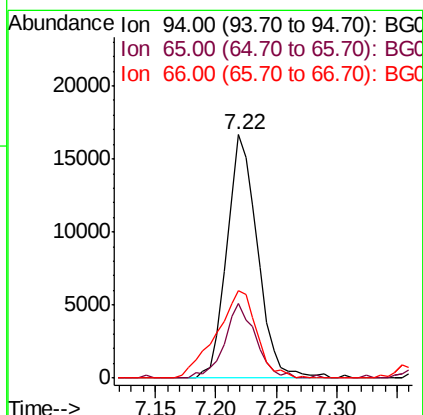
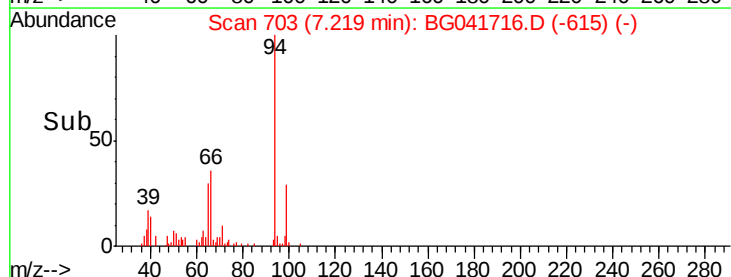
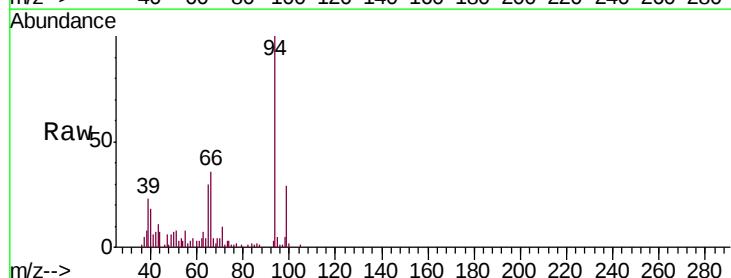
Tgt Ion: 94 Resp: 29423

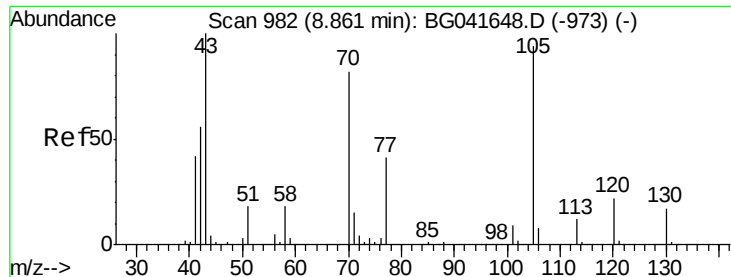
Ion Ratio Lower Upper

94 100

65 30.4 10.6 50.6

66 36.0 18.2 58.2

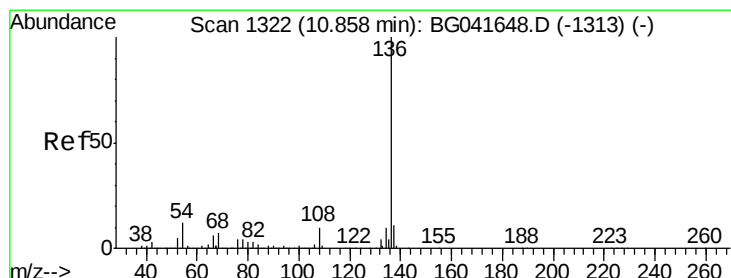
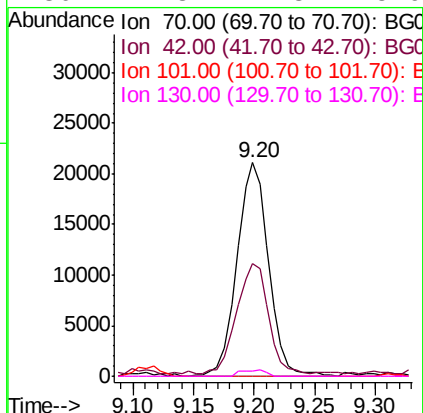
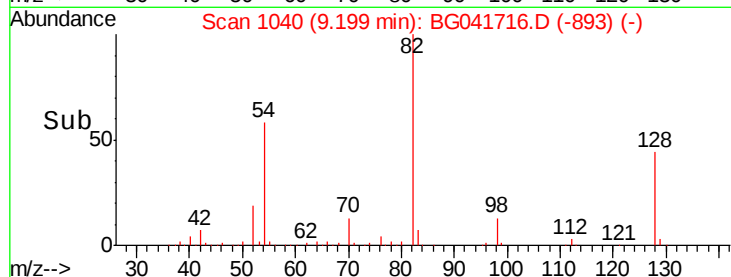
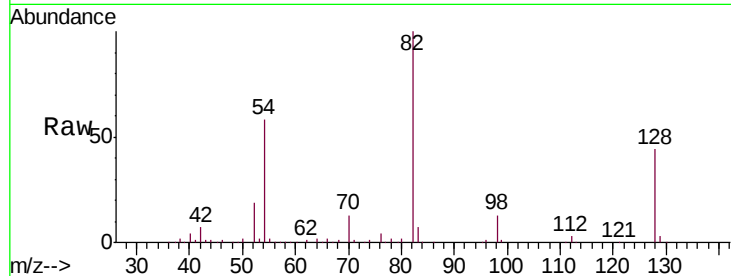




#19
n-Nitroso-di-n-propylamine
Concen: 4.889 ng
RT: 9.20 min Scan# 1040
Delta R.T. 0.33 min
Lab File: BG041716.D
Acq: 18 Jul 2019 19:05

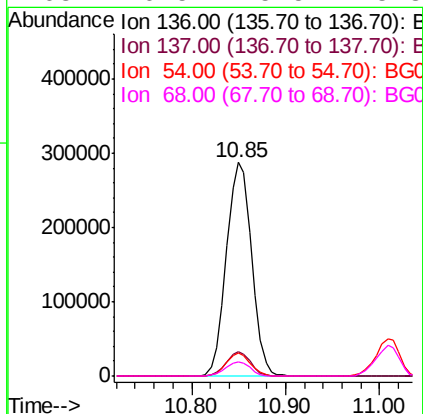
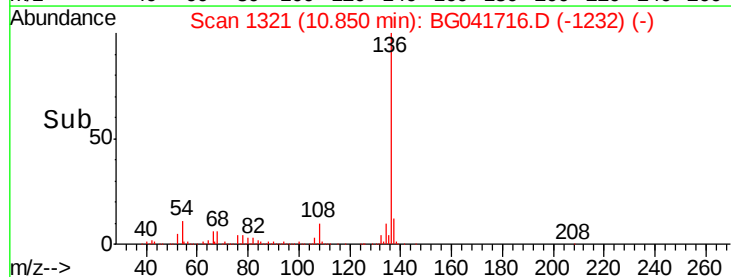
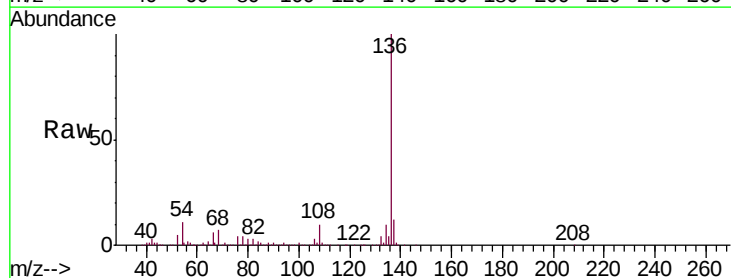
Instrument :
BNA_G
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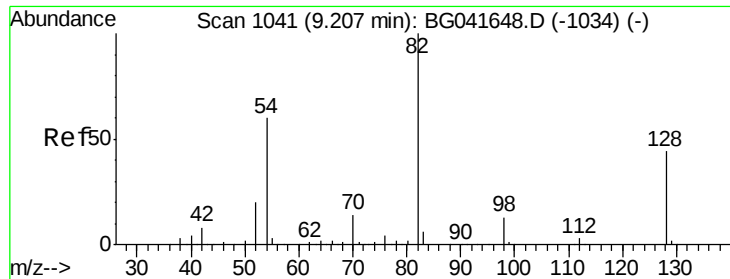
Tgt Ion: 70 Resp: 38292
Ion Ratio Lower Upper
70 100
42 52.7 55.8 83.6#
101 0.0 8.1 12.1#
130 2.3 17.3 25.9#



#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

Tgt 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

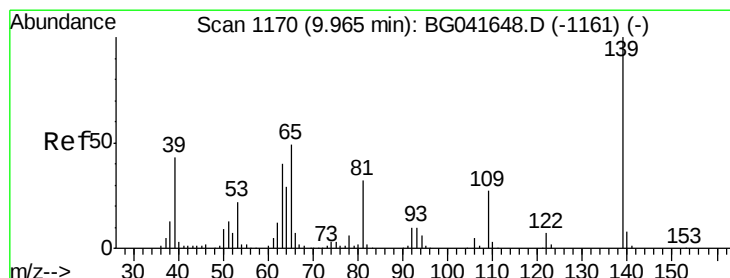
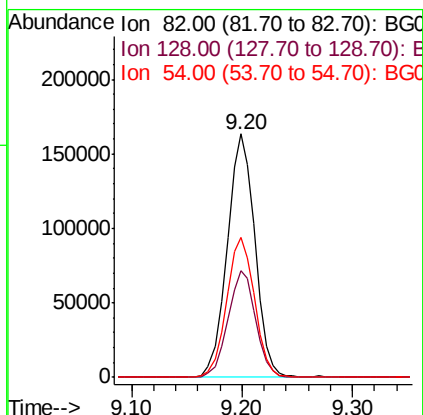
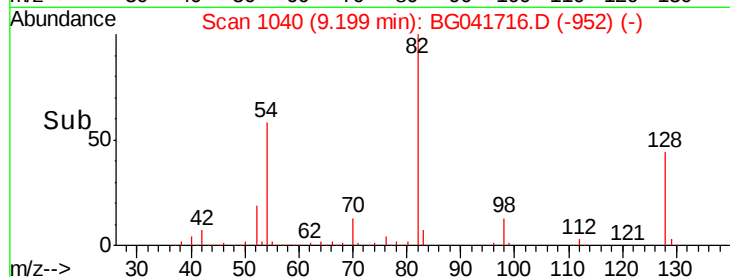
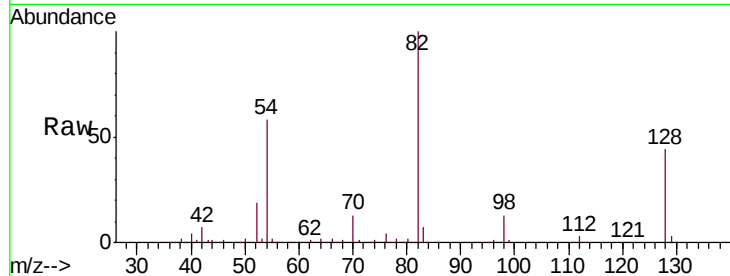




#23
Nitrobenzene-d5
Concen: 32.723 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BG041716.D
Acq: 18 Jul 2019 19:05

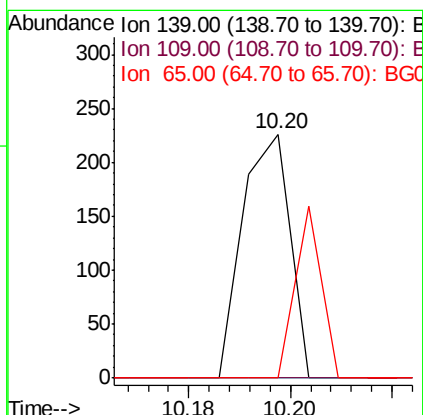
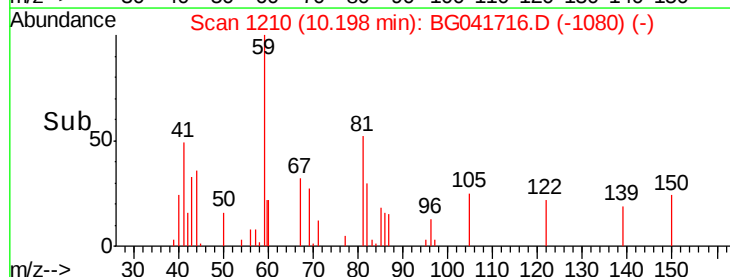
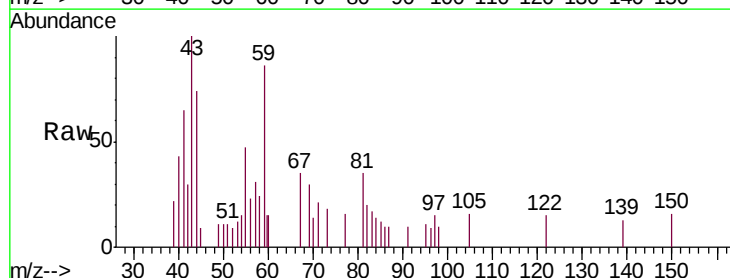
Instrument :
BNA_G
ClientSampleId :
WARINANCO-CITY-SEWER-INSTAL

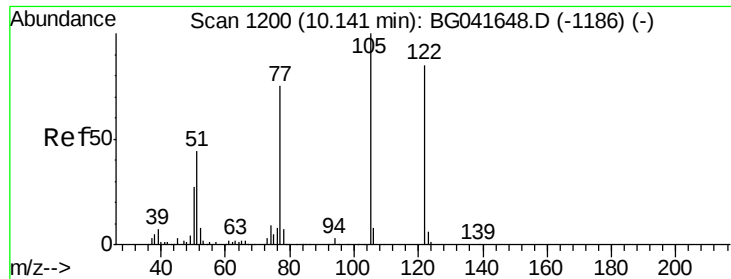
Tgt Ion: 82 Resp: 287846
Ion Ratio Lower Upper
82 100
128 43.7 35.1 52.7
54 57.6 48.7 73.1



#26
2-Nitrophenol
Concen: 4.683 ng
RT: 10.20 min Scan# 1210
Delta R.T. 0.23 min
Lab File: BG041716.D
Acq: 18 Jul 2019 19:05

Tgt Ion: 139 Resp: 146
Ion Ratio Lower Upper
139 100
109 0.0 22.7 34.1#
65 0.0 41.1 61.7#

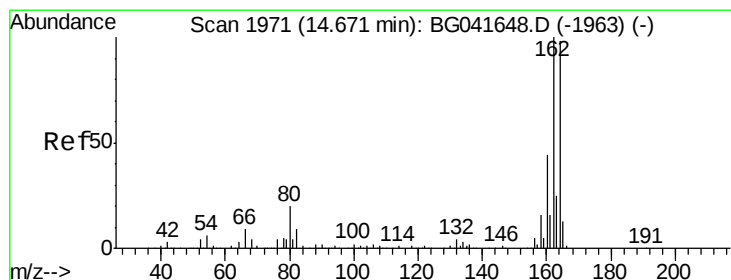
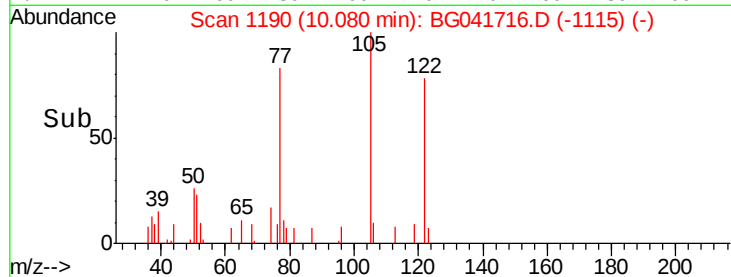
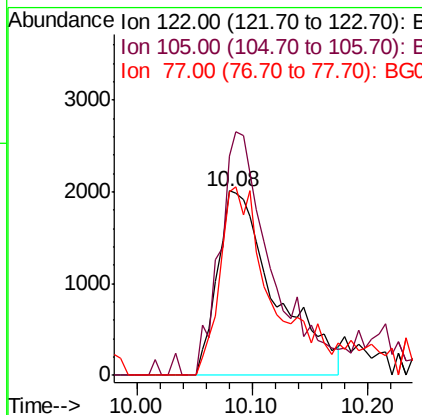
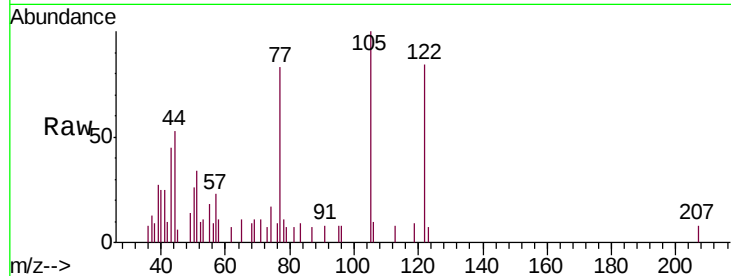




#32
Benzoic acid
Concen: 7.070 ng
RT: 10.08 min Scan# 1190
Delta R.T. -0.09 min
Lab File: BG041716.D
Acq: 18 Jul 2019 19:05

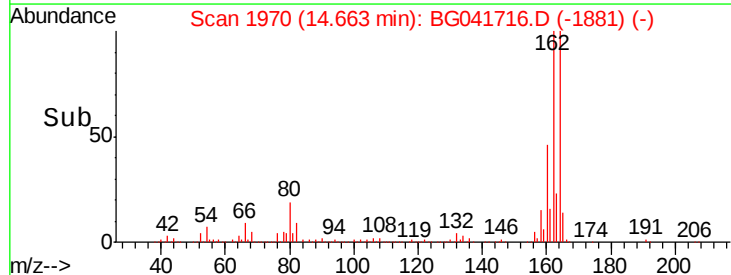
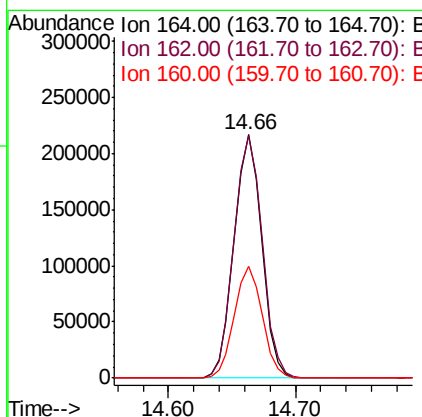
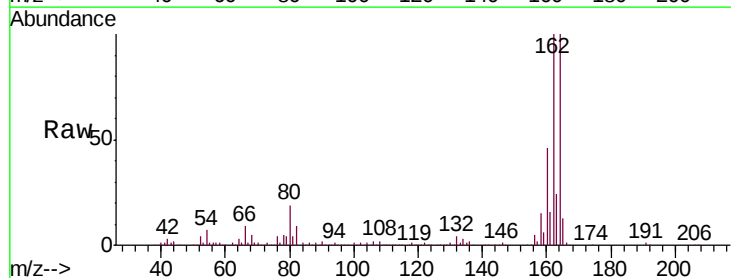
Instrument :
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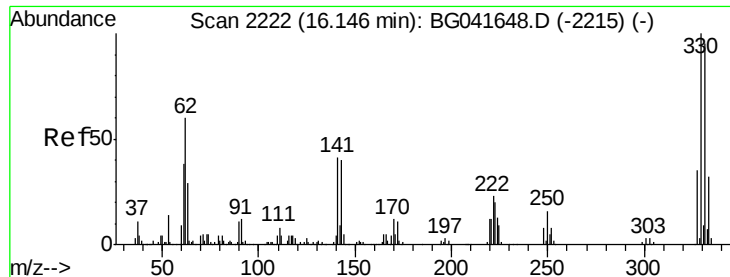
Tgt Ion:122 Resp: 6998
Ion Ratio Lower Upper
122 100
105 118.9 101.5 141.5
77 99.1 73.0 113.0



#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

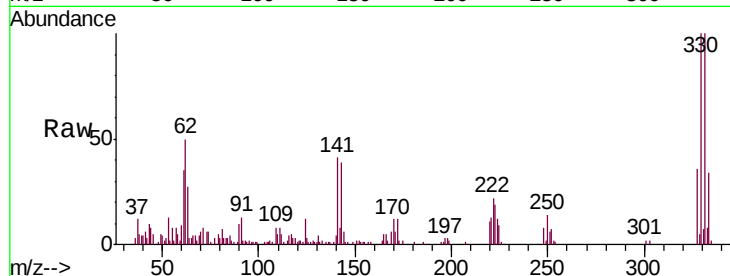




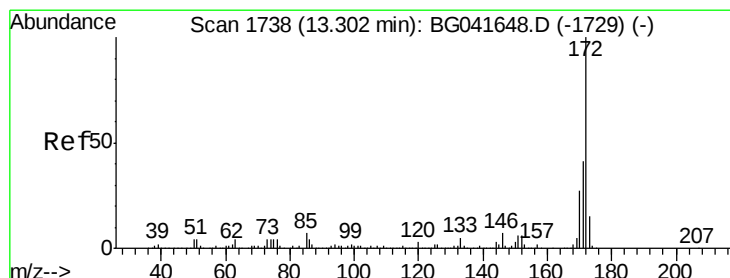
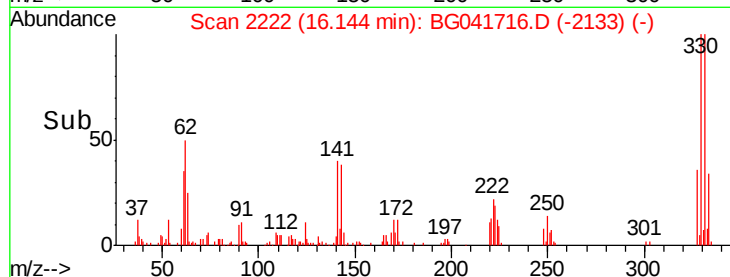
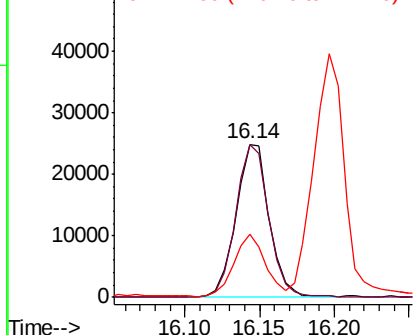
#42
 2,4,6-Tribromophenol
 Concen: 10.410 ng
 RT: 16.14 min Scan# 2222
 Delta R.T. -0.01 min
 Lab File: BG041716.D
 Acq: 18 Jul 2019 19:05

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

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

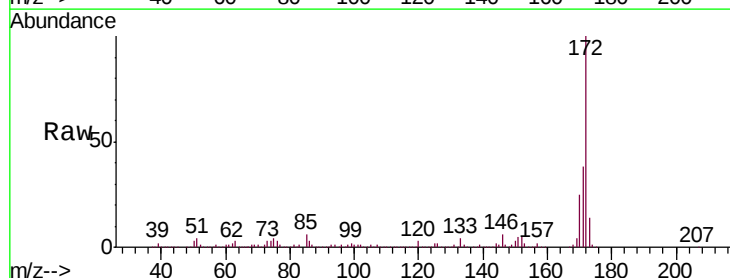


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

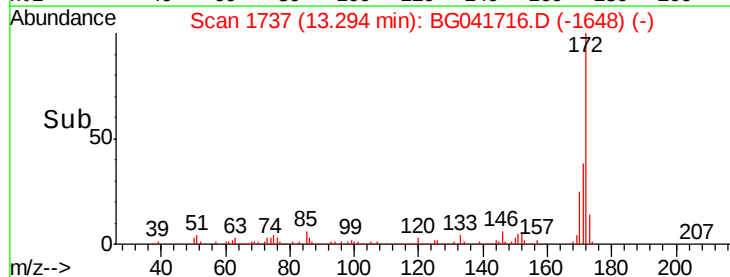
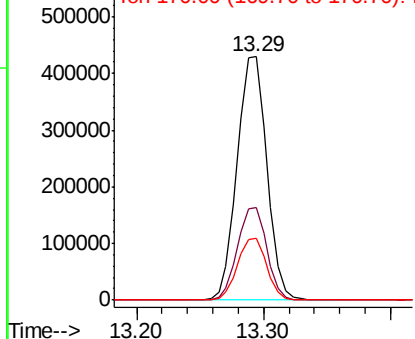


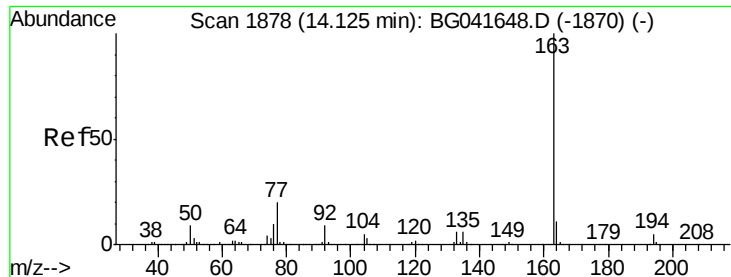
#45
 2-Fluorobiphenyl
 Concen: 33.073 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. -0.01 min
 Lab File: BG041716.D
 Acq: 18 Jul 2019 19:05

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

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BNA_G

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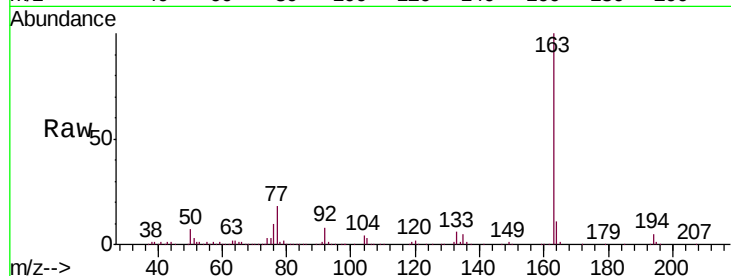
Tgt Ion:163 Resp: 291450

Ion Ratio Lower Upper

163 100

194 5.0 4.2 6.2

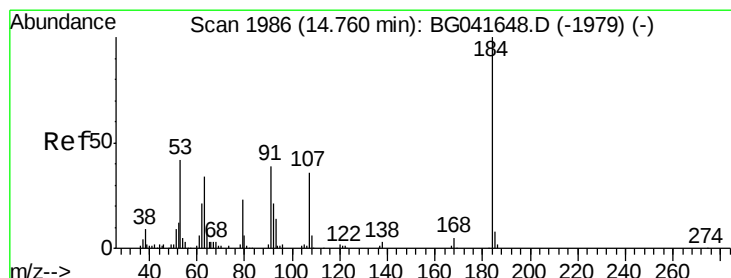
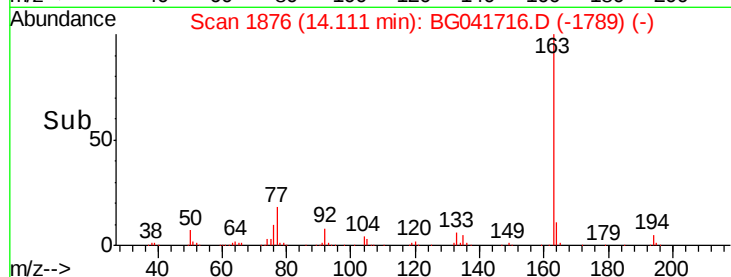
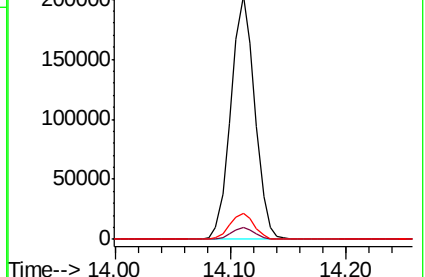
164 10.8 9.4 14.2



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



#54

2,4-Dinitrophenol

Concen: 7.750 ng

RT: 14.79 min Scan# 1991

Delta R.T. 0.02 min

Lab File: BG041716.D

Acq: 18 Jul 2019 19:05

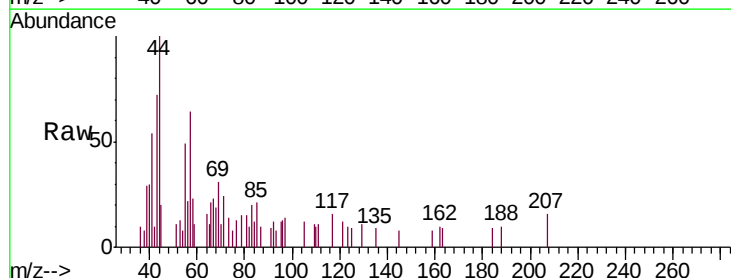
Tgt Ion:184 Resp: 63

Ion Ratio Lower Upper

184 100

63 0.0 43.2 64.8#

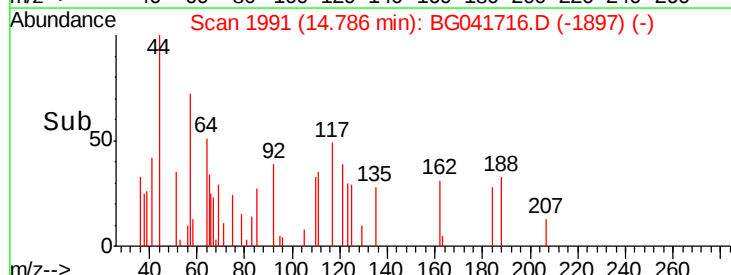
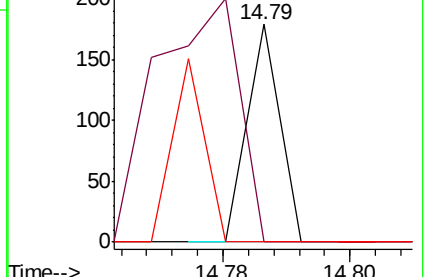
154 0.0 51.4 77.2#

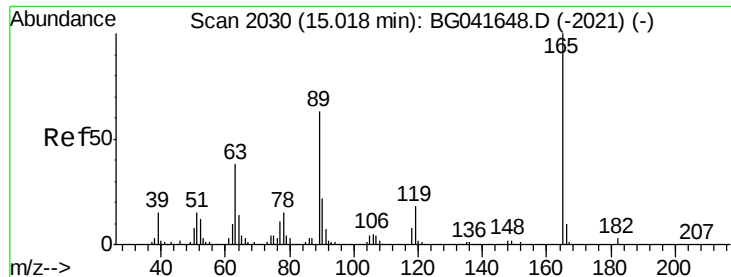


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E

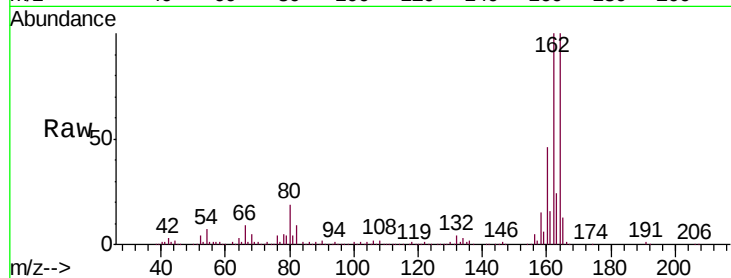




#57
2,4-Dinitrotoluene
Concen: 6.014 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.36 min
Lab File: BG041716.D
Acq: 18 Jul 2019 19:05

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

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	31.7	47.5#
89	1.4	50.2	75.4#
182	0.0	2.6	4.0#

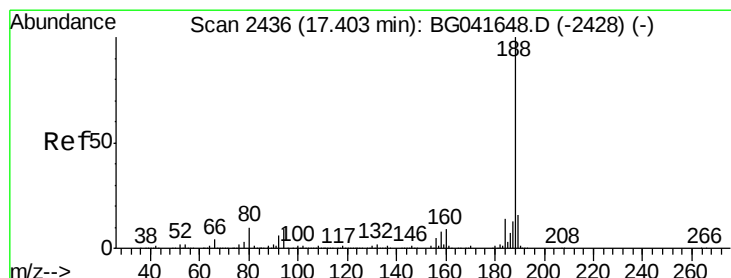
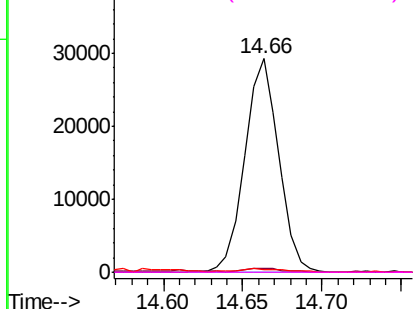
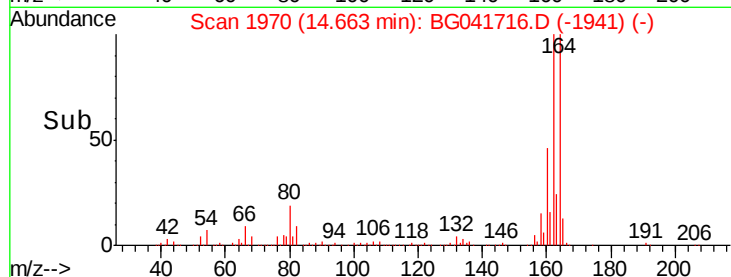


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

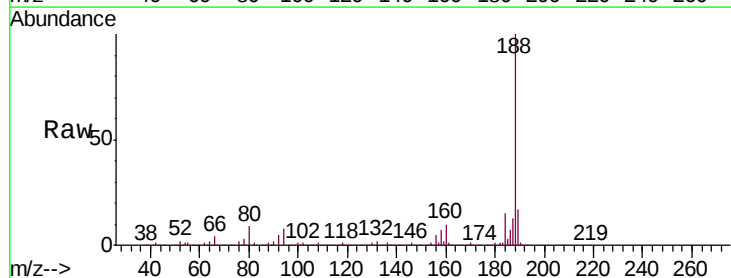
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): 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

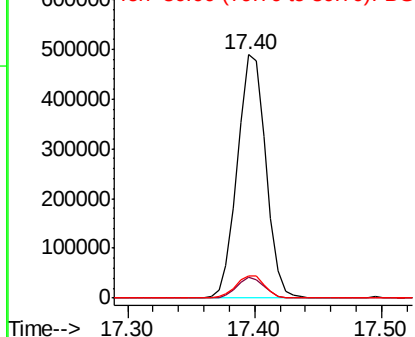
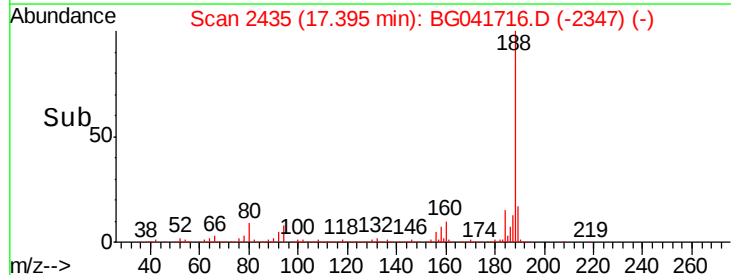
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.9	10.3
80	9.3	8.0	12.0

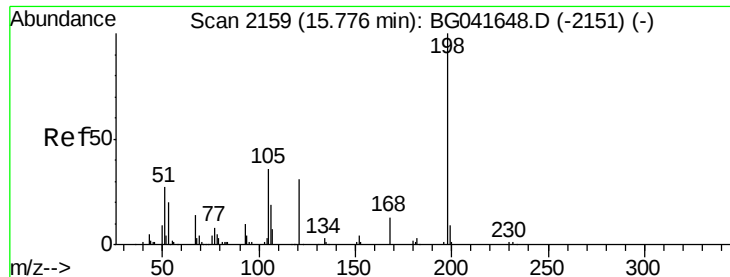


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

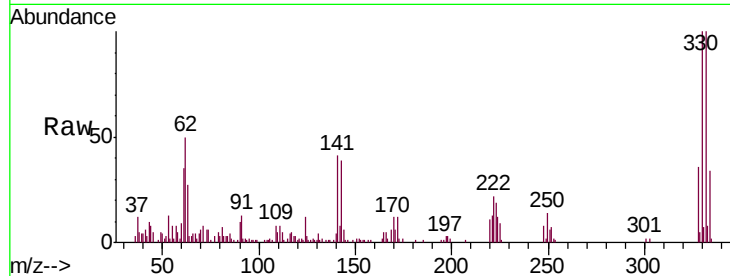




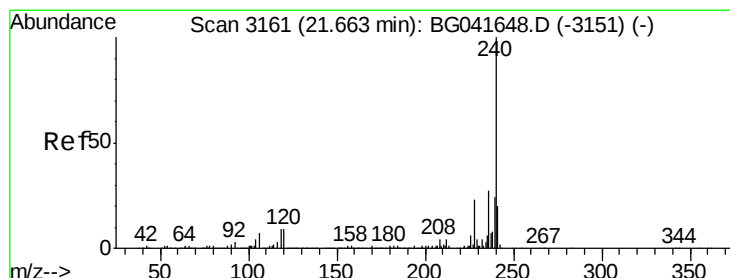
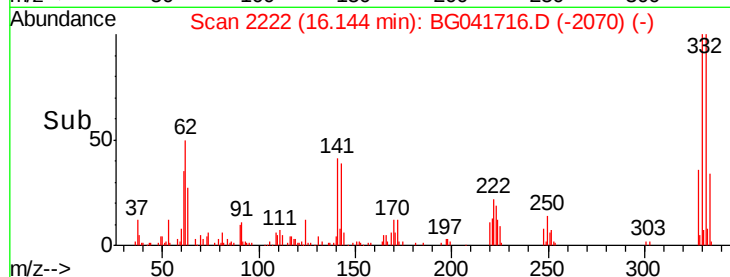
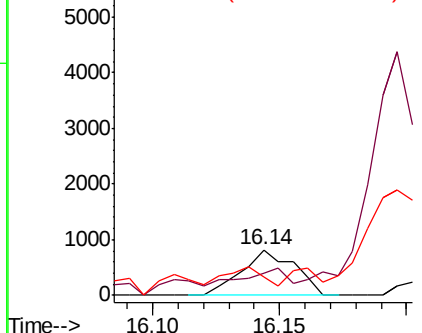
#65
 4,6-Dinitro-2-methylphenol
 Concen: 6.959 ng
 RT: 16.14 min Scan# 2222
 Delta R.T. 0.36 min
 Lab File: BG041716.D
 Acq: 18 Jul 2019 19:05

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

Tgt Ion:198 Resp: 1192
 Ion Ratio Lower Upper
 198 100
 51 50.0 22.3 62.3
 105 40.9 18.0 58.0

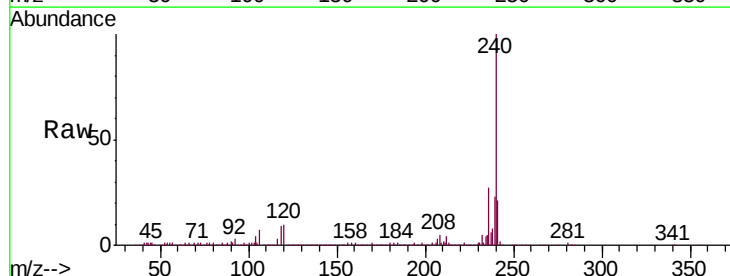


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

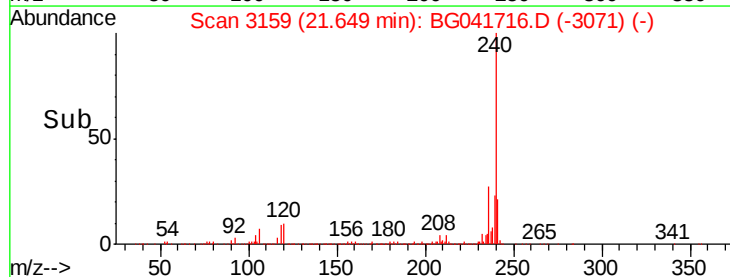
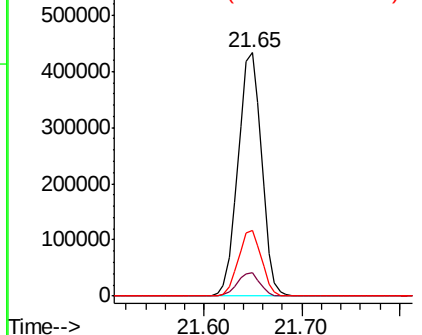


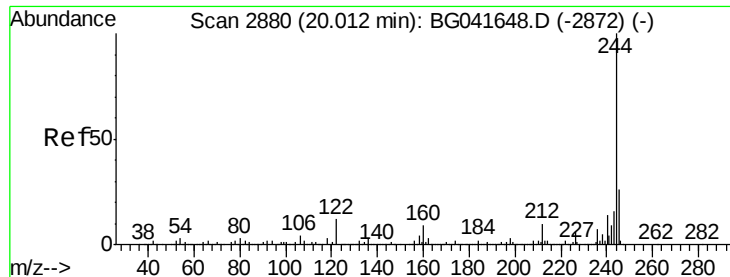
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.65 min Scan# 3159
 Delta R.T. -0.01 min
 Lab File: BG041716.D
 Acq: 18 Jul 2019 19:05

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



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

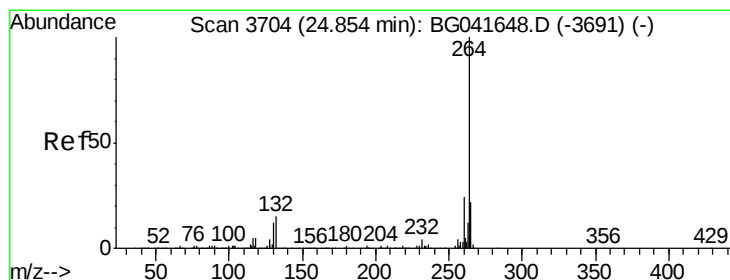
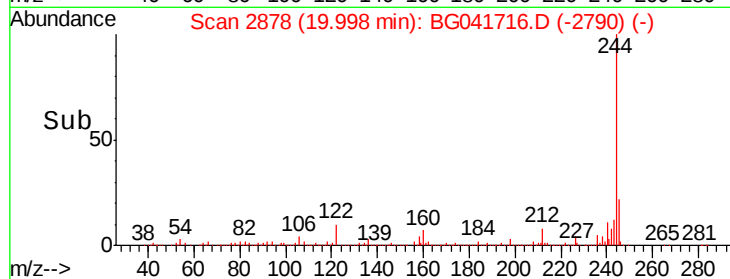
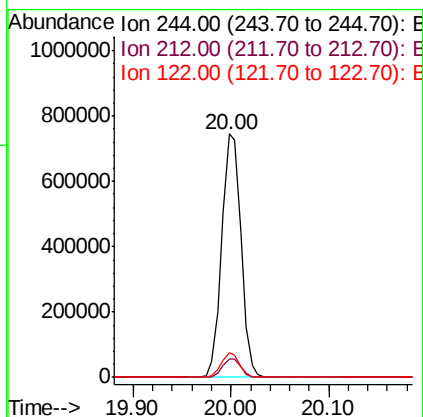
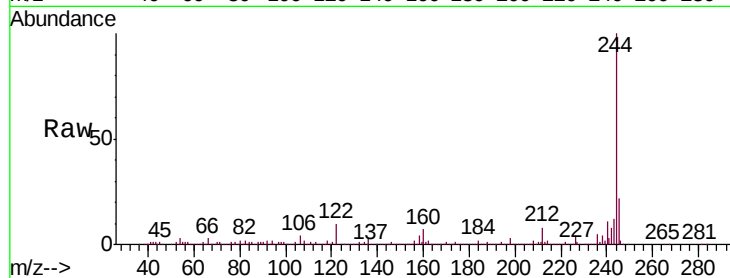




#79
 Terphenyl-d14
 Concen: 32.551 ng
 RT: 20.00 min Scan# 2878
 Delta R.T. -0.01 min
 Lab File: BG041716.D
 Acq: 18 Jul 2019 19:05

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

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
 Perylene-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

Tgt Ion:264 Resp: 830443
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.5 29.3
 265 21.7 18.0 27.0

