

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071919\
 Data File : BG041727.D
 Acq On : 19 Jul 2019 9:55
 Operator : HP/JU
 Sample : K3838-03RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

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

Manual Integrations
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mohammad

Quant Time: Jul 19 11:57:45 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)	7/22/2019 10:00:46 AM
1) 1,4-Dichlorobenzene-d4	8.04	152	120458	20.00	ng	-0.01	
21) Naphthalene-d8	10.85	136	477429	20.00	ng	0.00	
39) Acenaphthene-d10	14.66	164	291953	20.00	ng	0.00	
64) Phenanthrene-d10	17.40	188	702131	20.00	ng	-0.01	
76) Chrysene-d12	21.65	240	750273	20.00	ng	-0.01	
87) Perylene-d12	24.84	264	889662	20.00	ng	-0.02	
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	54955	7.46	ng	0.00	
7) Phenol-d6	7.20	99	58270	5.88	ng	0.00	
23) Nitrobenzene-d5	9.20	82	255586	32.56	ng	-0.01	
42) 2,4,6-Tribromophenol	16.14	330	36388	11.06	ng	0.00	
45) 2-Fluorobiphenyl	13.29	172	611465	32.43	ng	-0.01	
79) Terphenyl-d14	20.00	244	1024279	31.90	ng	-0.01	
Target Compounds							
10) Phenol	7.22	94	24914	2.386	ng		99
32) Benzoic acid	10.08	122	6462m	7.107	ng		
50) Dimethylphthalate	14.11	163	256363	11.180	ng		97

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

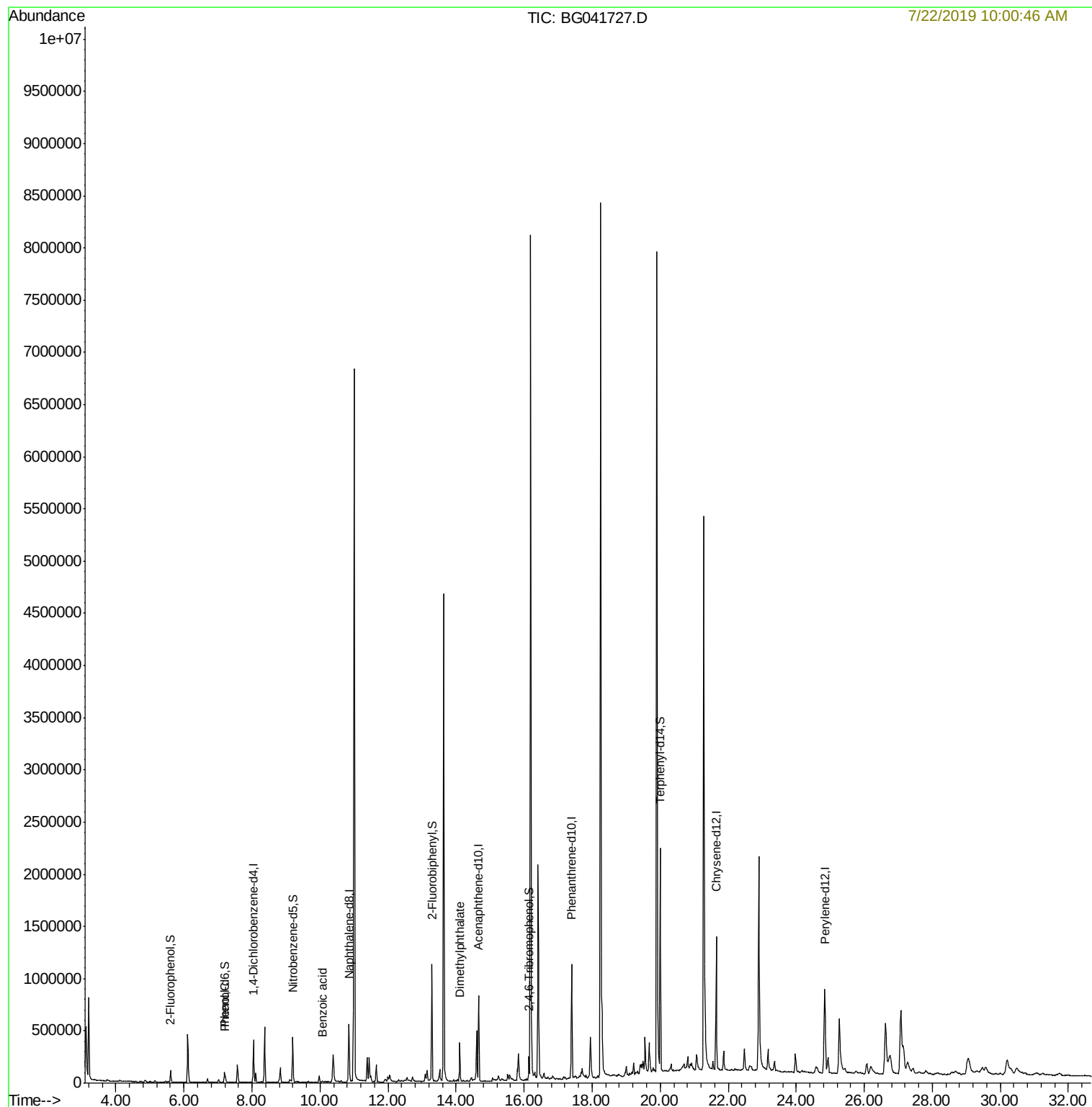
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071919\
Data File : BG041727.D
Acq On : 19 Jul 2019 9:55
Operator : HP/JU
Sample : K3838-03RE
Misc :
ALS Vial : 4 Sample Multiplier: 1

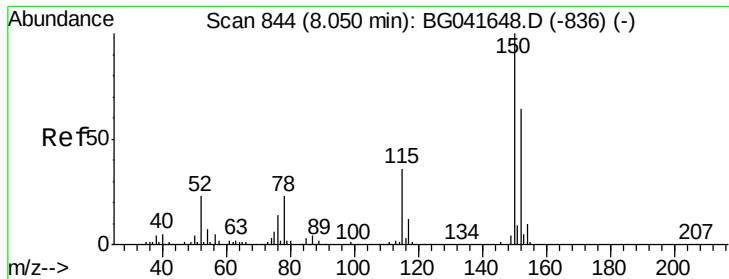
Instrument :
BNA_G
ClientSampleId :
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Quant Time: Jul 19 11:57:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 16:16:21 2019
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#1

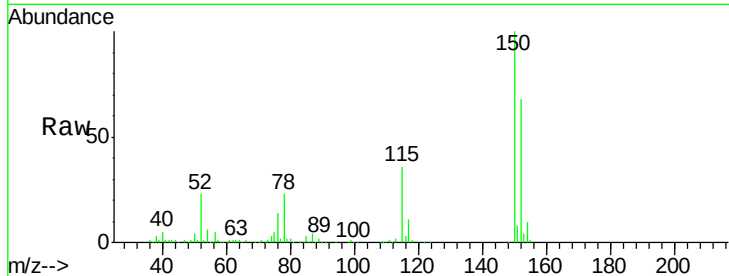
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG041727.D
Acq: 19 Jul 2019 9:55

Instrument :
BNA_G
ClientSampleId :
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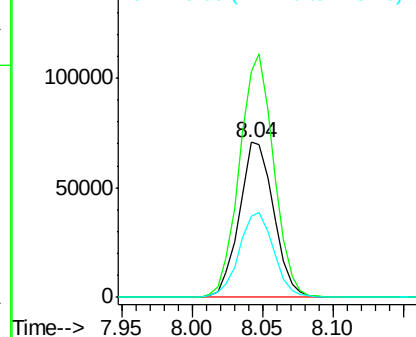
Tot Ion	Ratio	Resp	Lower	Upper
152	100	120458		
150	146.2	126.9	190.3	
115	52.7	45.0	67.6	

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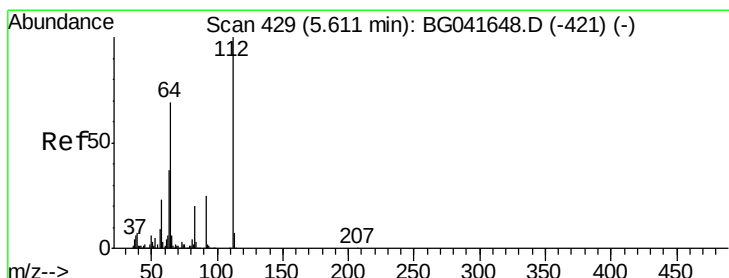
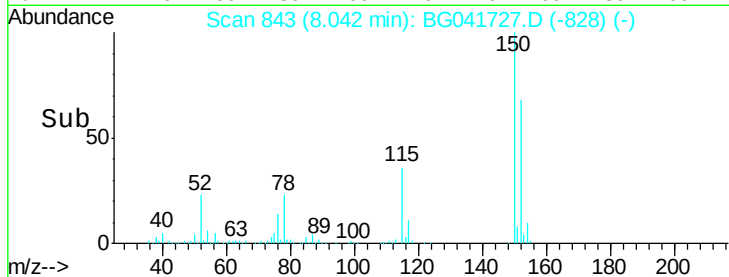
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



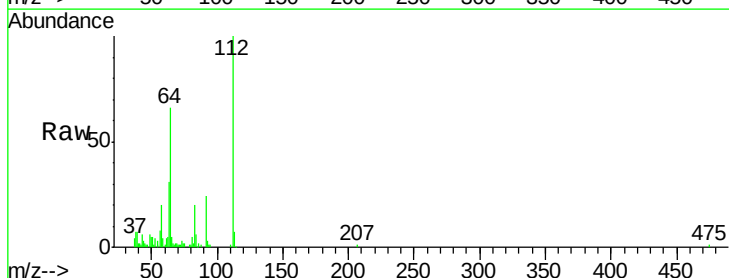
7/22/2019 10:00:46 AM



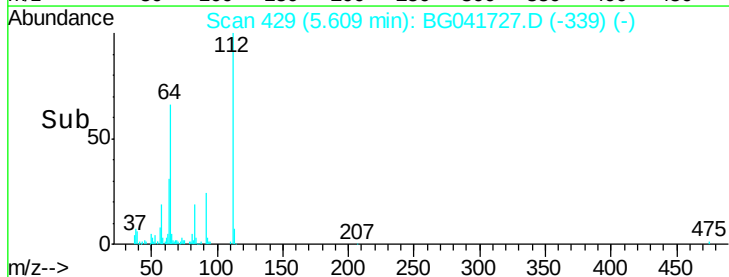
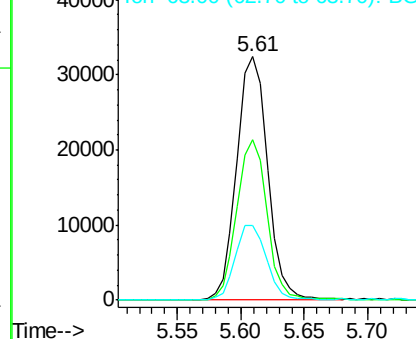
#5

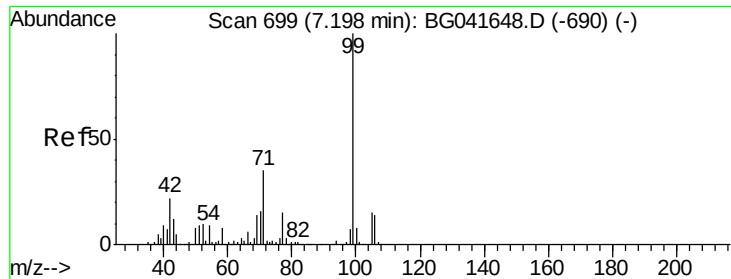
2-Fluorophenol
Concen: 7.458 ng
RT: 5.61 min Scan# 429
Delta R.T. -0.00 min
Lab File: BG041727.D
Acq: 19 Jul 2019 9:55

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	54955		
64	66.0	55.4	83.2	
63	30.8	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: 5.879 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG041727.D

Acq: 19 Jul 2019 9:55

Instrument :

BNA_G

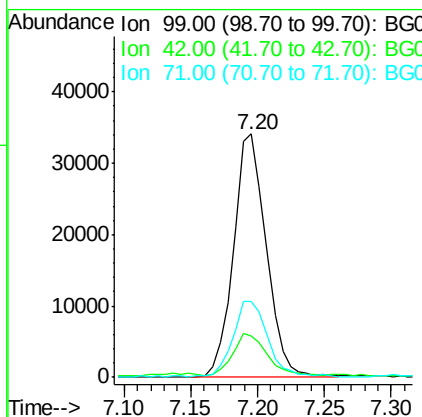
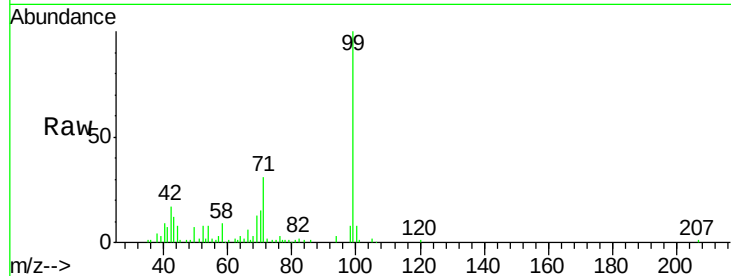
ClientSampleId :

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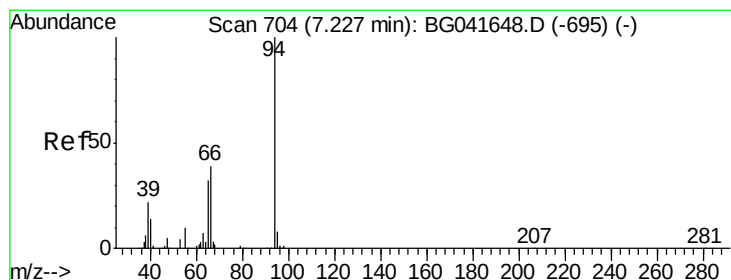
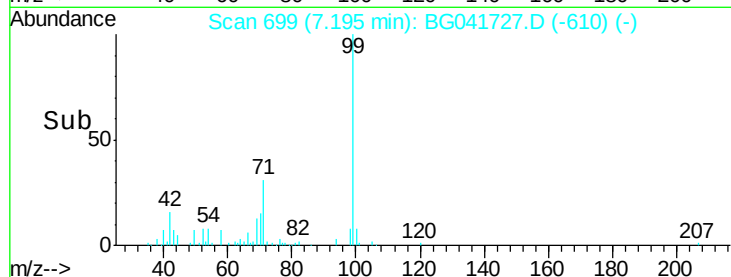
Tot Ion:	99	Resp:	58270
Ion Ratio	Lower	Upper	
99	100		
42	17.0	17.6	26.4#
71	31.3	27.8	41.6

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#10

Phenol

Concen: 2.386 ng

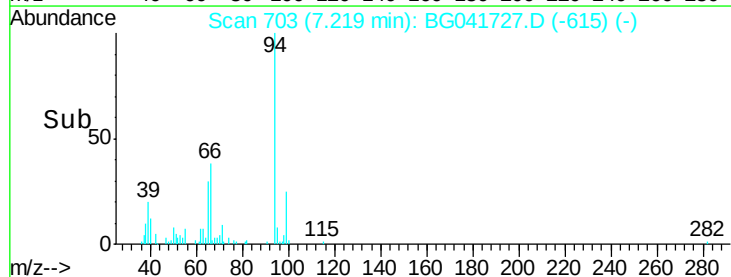
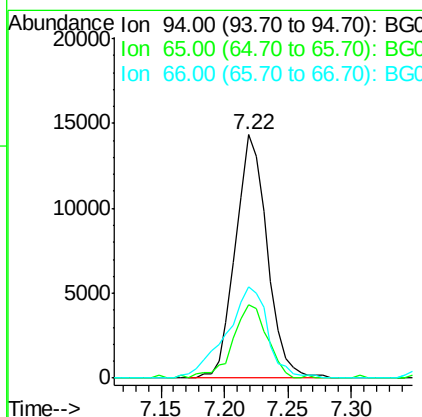
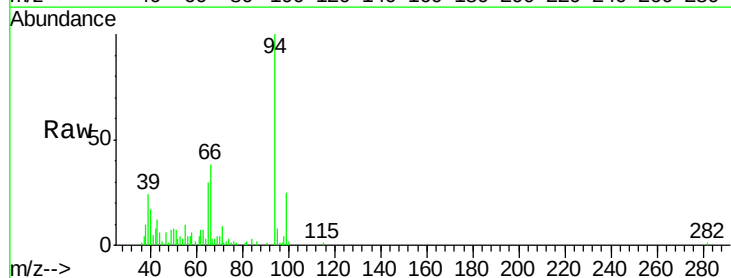
RT: 7.22 min Scan# 703

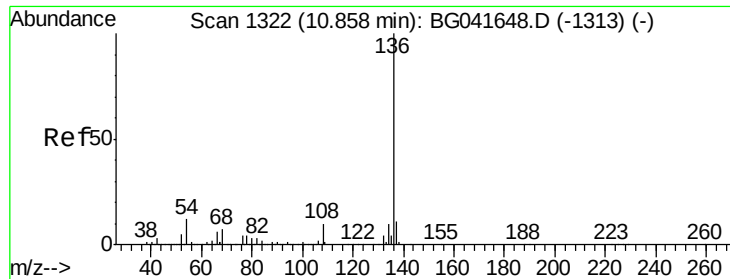
Delta R.T. -0.01 min

Lab File: BG041727.D

Acq: 19 Jul 2019 9:55

Tgt Ion:	94	Resp:	24914
Ion Ratio	Lower	Upper	
94	100		
65	30.3	10.6	50.6
66	37.7	18.2	58.2





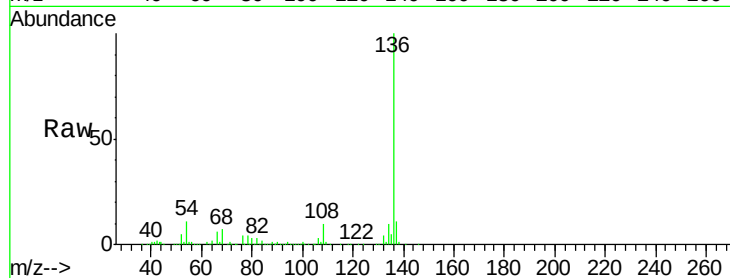
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG041727.D
Acq: 19 Jul 2019 9:55

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

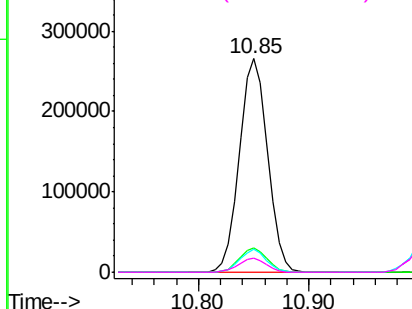
Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		477429		
137	11.2	9.2	13.8		
54	10.6	8.7	13.1		
68	6.8	5.5	8.3		

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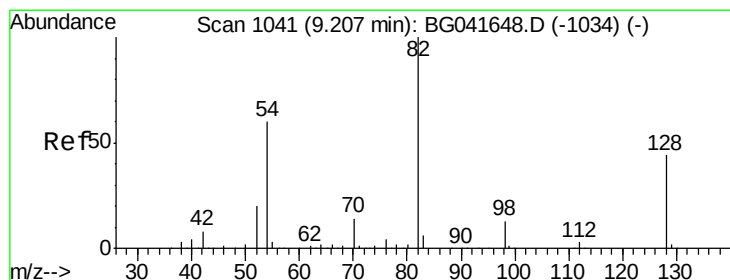
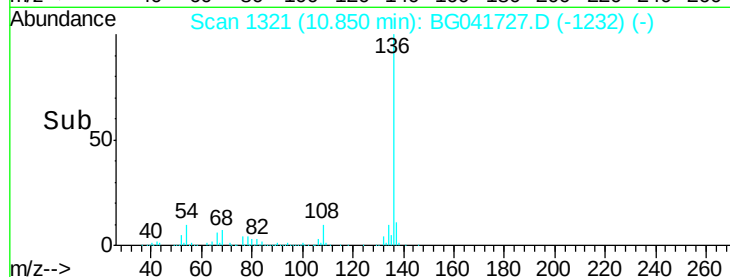
mohammad



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

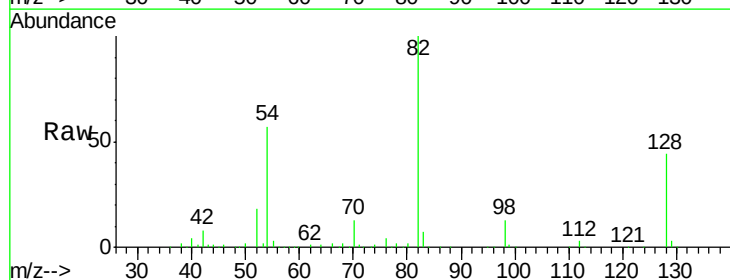


7/22/2019 10:00:46 AM

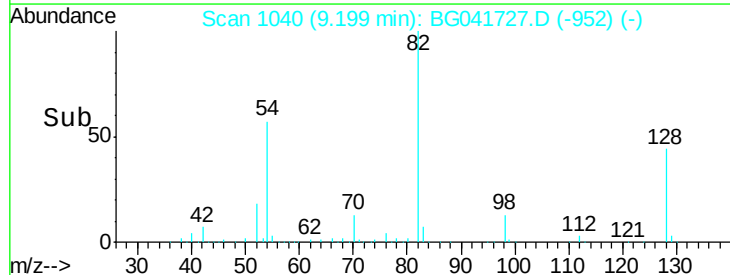
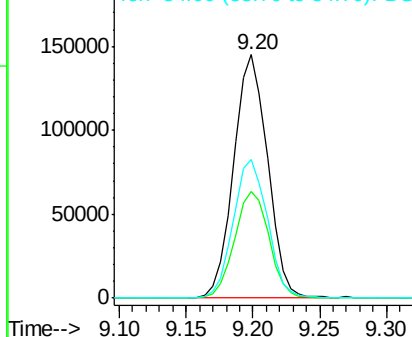


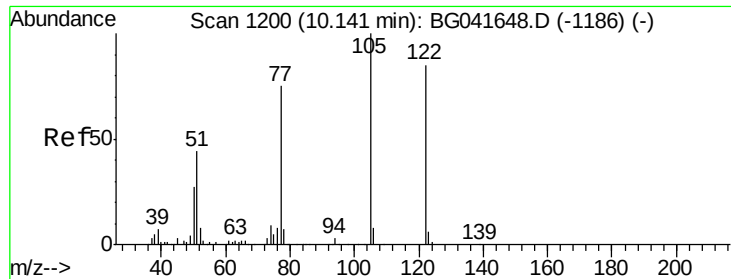
#23
Nitrobenzene-d5
Concen: 32.557 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BG041727.D
Acq: 19 Jul 2019 9:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		255586		
128	43.9	35.1	52.7		
54	56.9	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





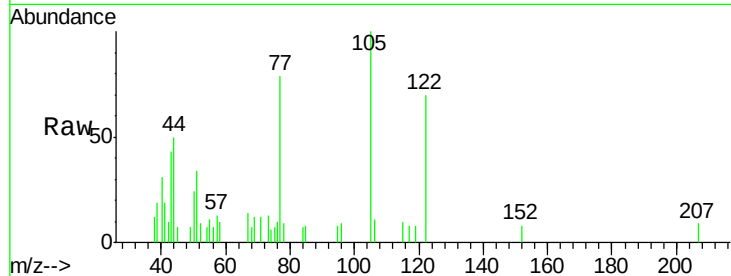
#32
Benzoic acid
Concen: 7.107 ng m
RT: 10.08 min Scan# 1190
Delta R.T. -0.09 min
Lab File: BG041727.D
Acq: 19 Jul 2019 9:55

Instrument :
BNA_G
ClientSampleId :
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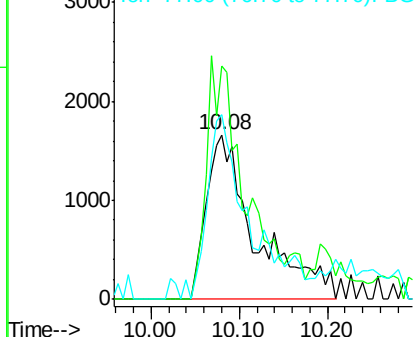
Tot Ion:122 Resp: 6462
Ion Ratio Lower Upper
122 100
105 142.0 101.5 141.5#
77 112.3 73.0 113.0

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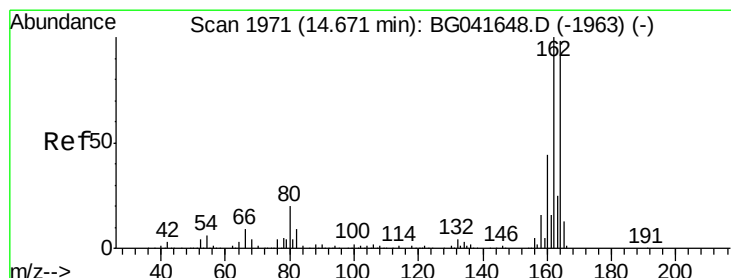
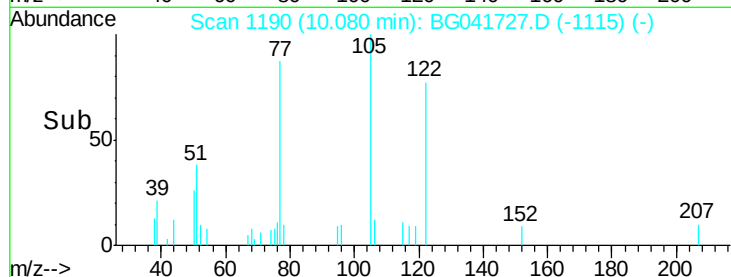
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Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): B

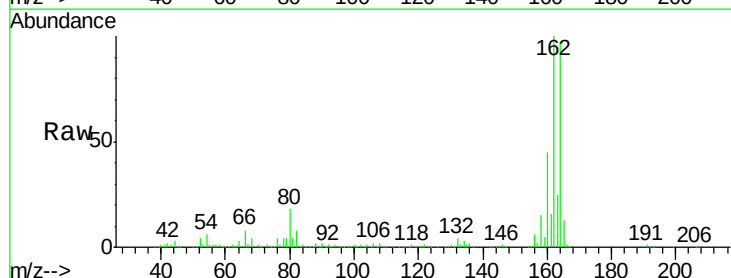


7/22/2019 10:00:46 AM

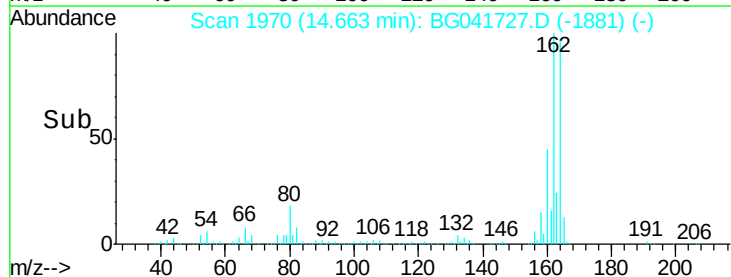
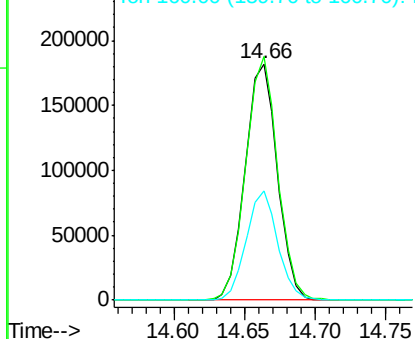


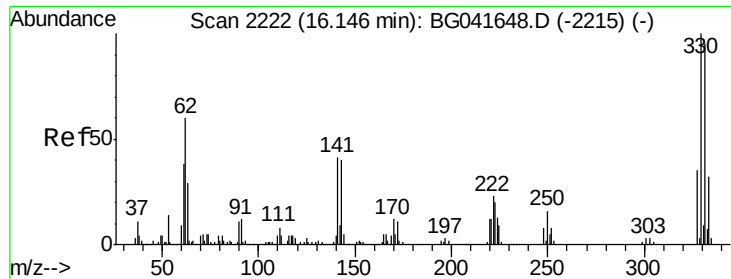
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG041727.D
Acq: 19 Jul 2019 9:55

Tgt Ion:164 Resp: 291953
Ion Ratio Lower Upper
164 100
162 102.9 79.6 119.4
160 46.4 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





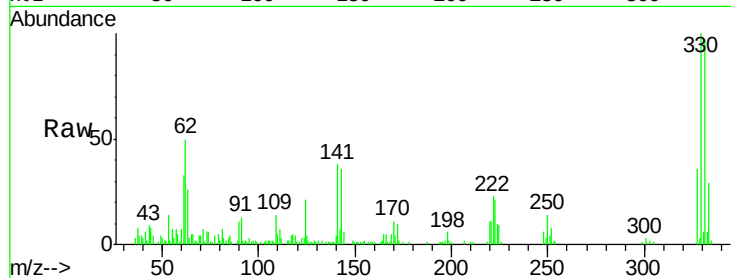
#42
 2,4,6-Tribromophenol
 Concen: 11.059 ng
 RT: 16.14 min Scan# 2222
 Delta R.T. -0.01 min
 Lab File: BG041727.D
 Acq: 19 Jul 2019 9:55

Instrument :
 BNA_G
 ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.1	77.4	116.0	
141	38.5	31.9	47.9	

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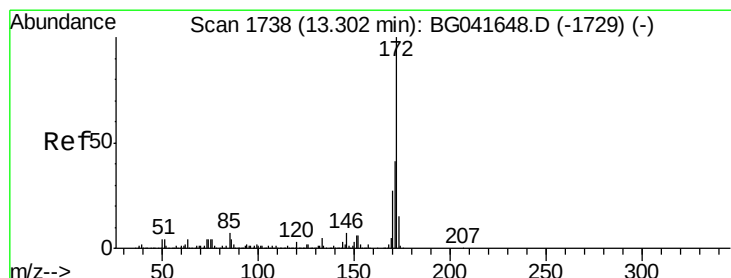
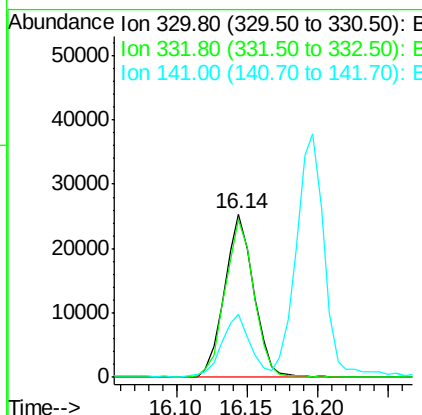
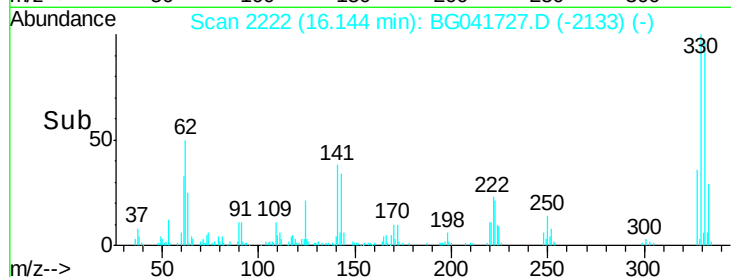
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

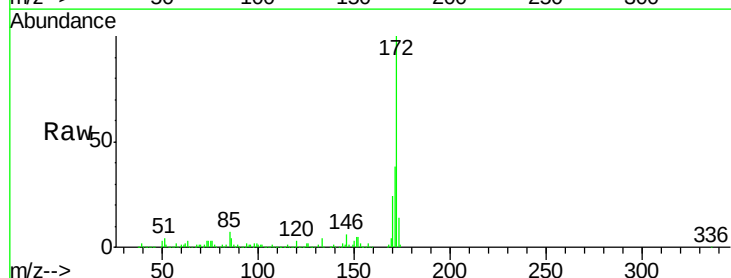
Ion 141.00 (140.70 to 141.70): E

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#45
 2-Fluorobiphenyl
 Concen: 32.432 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.01 min
 Lab File: BG041727.D
 Acq: 19 Jul 2019 9:55

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	37.8	35.0	52.4	
170	24.4	23.5	35.3	

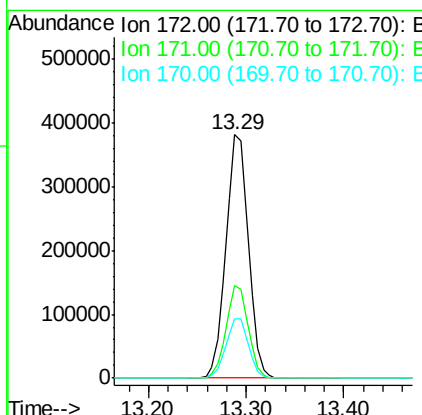
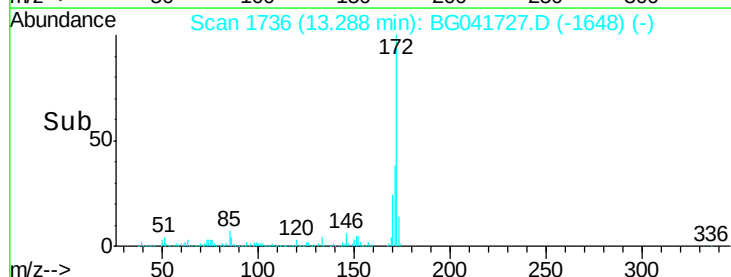


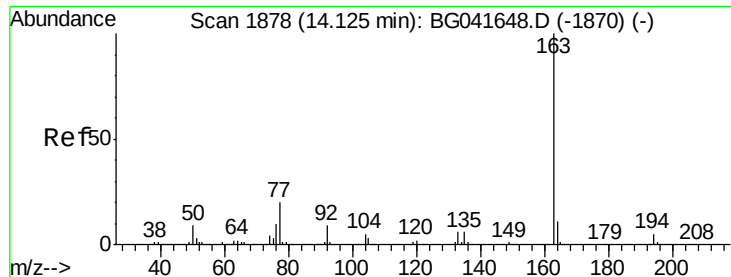
Abundance

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





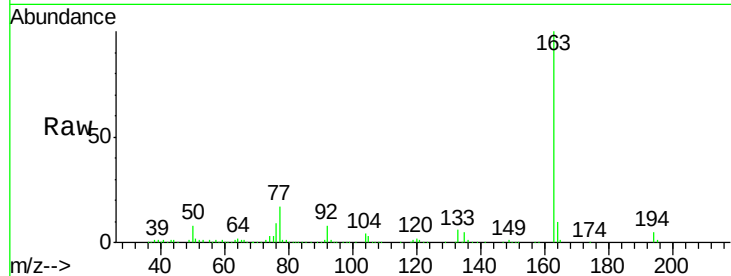
#50
Dimethylphthalate
Concen: 11.180 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.02 min
Lab File: BG041727.D
Acq: 19 Jul 2019 9:55

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

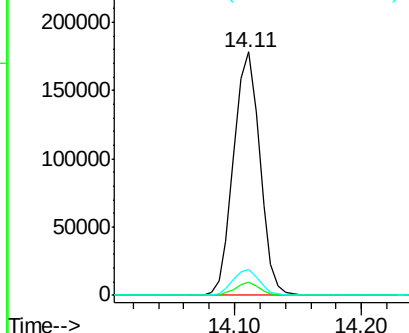
Tot Ion	Ratio	Resp	Lower	Upper
163	100	256363		
194	5.4		4.2	6.2
164	10.4		9.4	14.2

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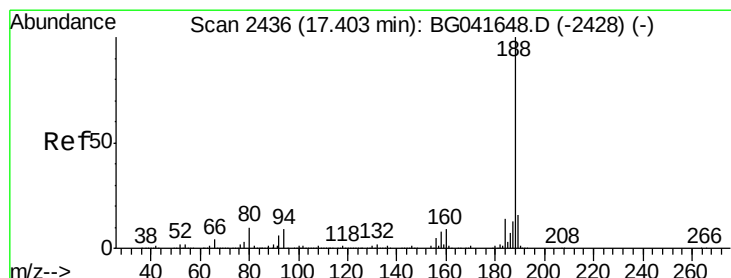
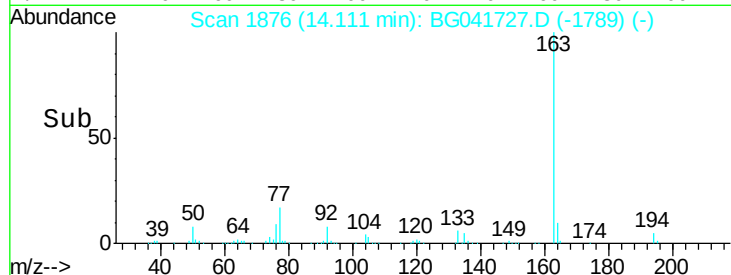
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Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

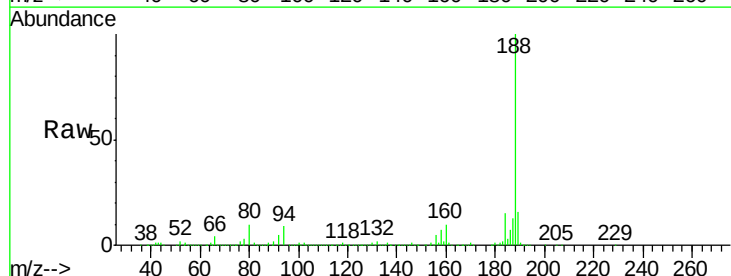


7/22/2019 10:00:46 AM

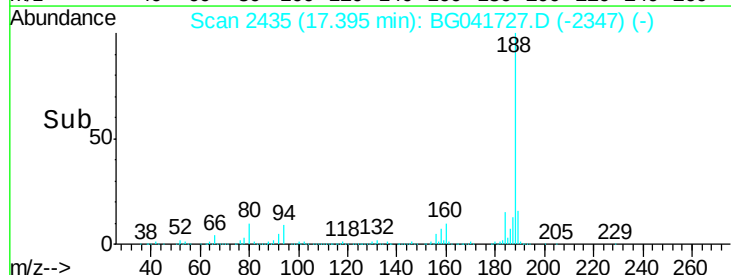
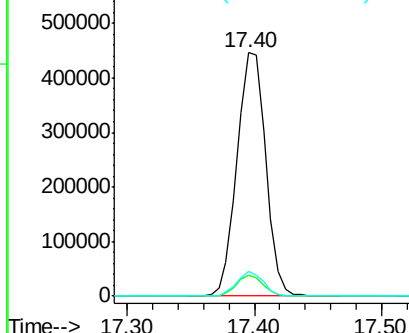


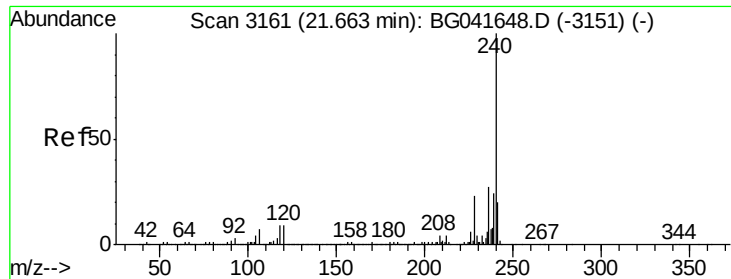
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG041727.D
Acq: 19 Jul 2019 9:55

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	702131		
94	8.8		6.9	10.3
80	10.2		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





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.01 min

Lab File: BG041727.D

Acq: 19 Jul 2019 9:55

Instrument :

BNA_G

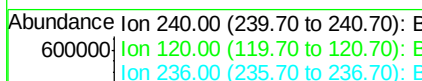
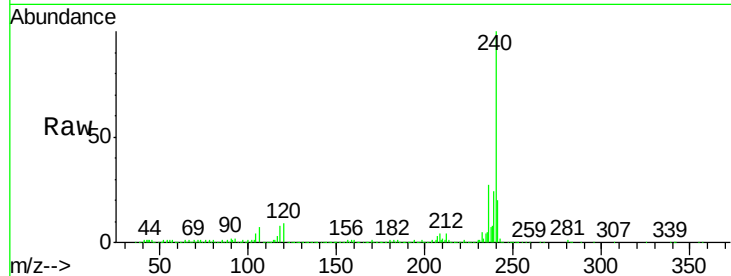
ClientSampleId :

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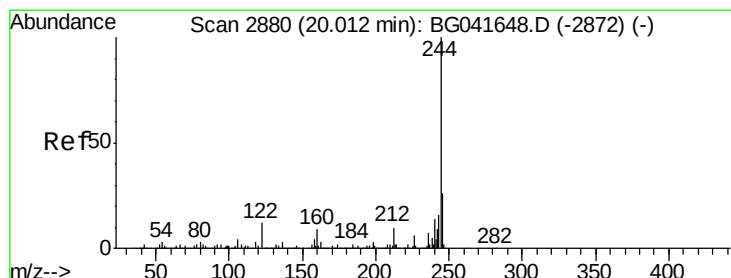
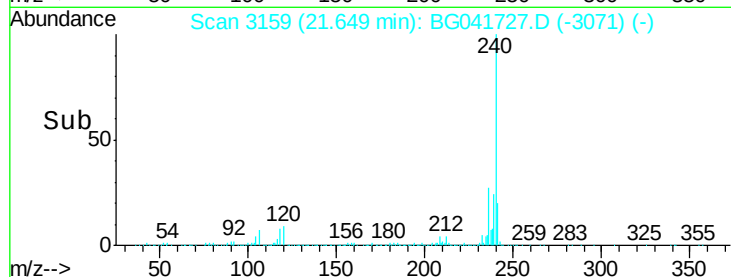
Tot Ion:	240	Resp:	750273
Ion Ratio	Lower	Upper	
240	100		
120	9.1	8.0	12.0
236	26.6	22.6	33.8

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#79

Terphenyl-d14

Concen: 31.903 ng

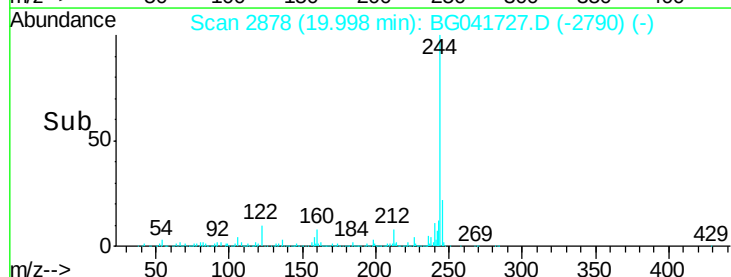
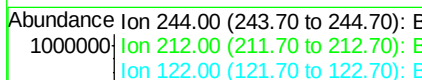
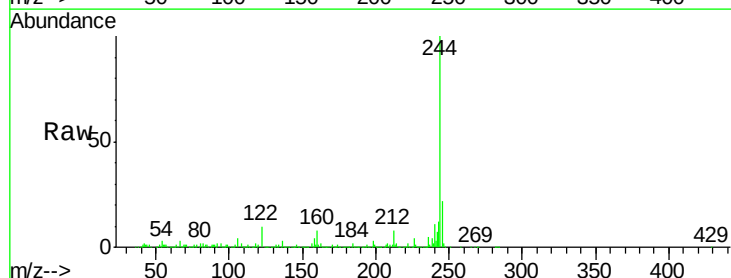
RT: 20.00 min Scan# 2878

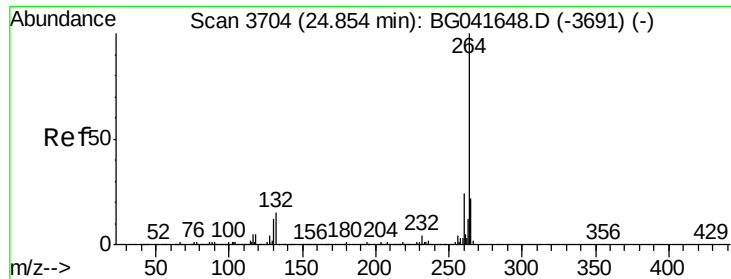
Delta R.T. -0.01 min

Lab File: BG041727.D

Acq: 19 Jul 2019 9:55

Tgt Ion:	244	Resp:	1024279
Ion Ratio	Lower	Upper	
244	100		
212	8.1	9.7	14.5#
122	10.4	12.5	18.7#





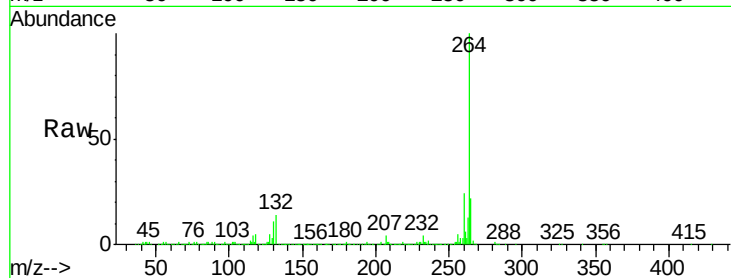
#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.84 min Scan# 3702
 Delta R.T. -0.02 min
 Lab File: BG041727.D
 Acq: 19 Jul 2019 9:55

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	22.2	18.0	27.0

Manual Integrations
 APPROVED

mohammad

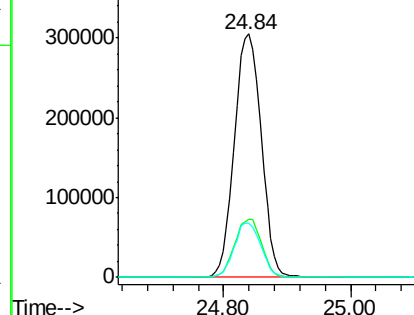
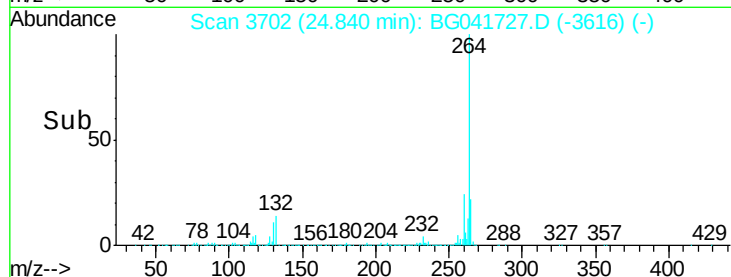


Abundance

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



7/22/2019 10:00:46 AM