

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121518\
 Data File : BG038612.D
 Acq On : 15 Dec 2018 20:06
 Operator : JU/SJ
 Sample : J6376-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TEST-PIT-1-WATER

Quant Time: Dec 16 02:24:47 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

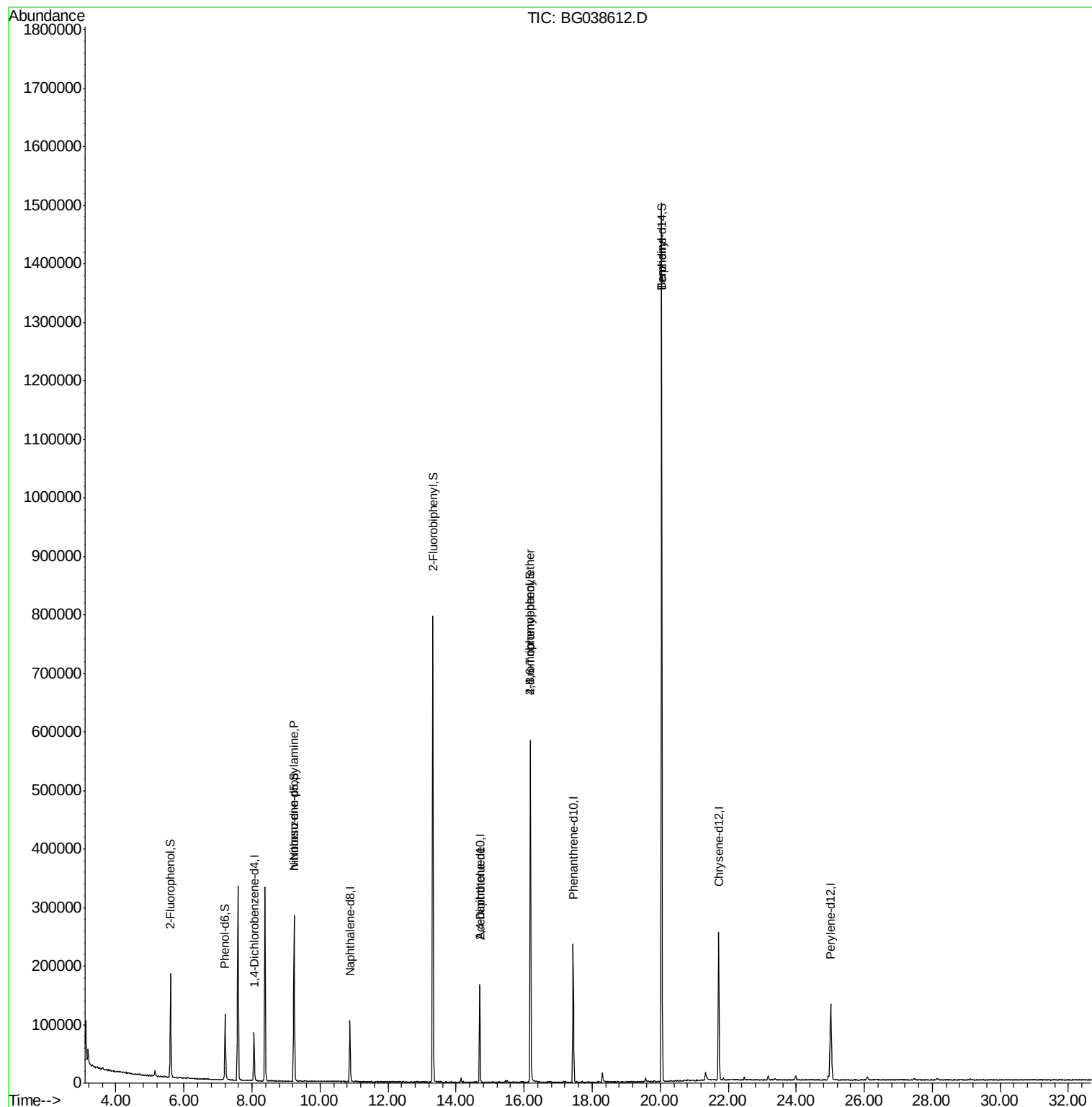
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	23520	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	94567	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	60434	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	151603	20.00	ng	0.00
76) Chrysene-d12	21.72	240	158143	20.00	ng	0.00
87) Perylene-d12	25.01	264	166019	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	77282	58.28	ng	0.00
7) Phenol-d6	7.21	99	63583	34.93	ng	0.00
23) Nitrobenzene-d5	9.24	82	172921	93.42	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	117221	140.74	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	414191	94.02	ng	0.00
79) Terphenyl-d14	20.04	244	745139	102.54	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.24	70	23647	18.495	ng	# 64
57) 2,4-Dinitrotoluene	14.69	165	7411	4.705	ng	# 21
67) 4-Bromophenyl-phenylether	16.18	248	7817	4.222	ng	# 1
77) Benzidine	20.04	184	13313	2.847	ng	96

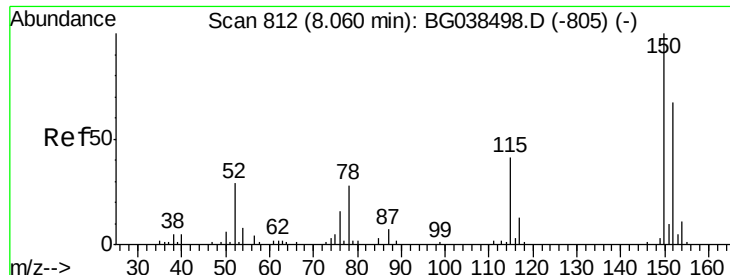
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.06 min Scan# 846

Delta R.T. -0.00 min

Lab File: BG038612.D

Acq: 15 Dec 2018 20:06

Instrument :

BNA_G

ClientSampleId :

TEST-PIT-1-WATER

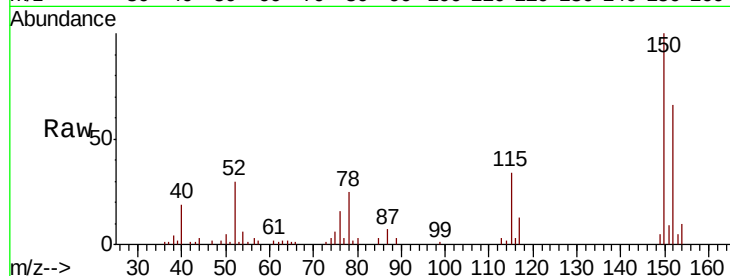
Tgt Ion:152 Resp: 23520

Ion Ratio Lower Upper

152 100

150 151.0 119.5 179.3

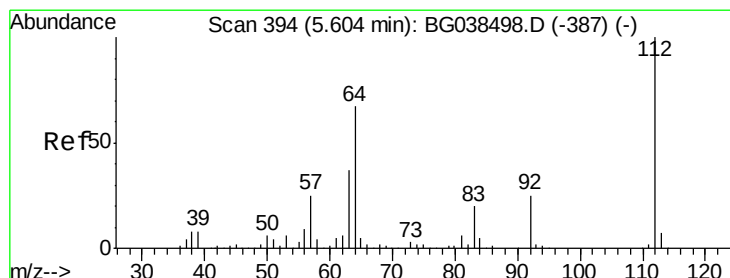
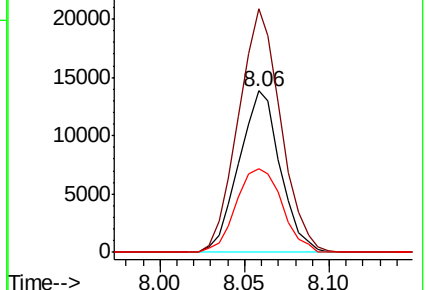
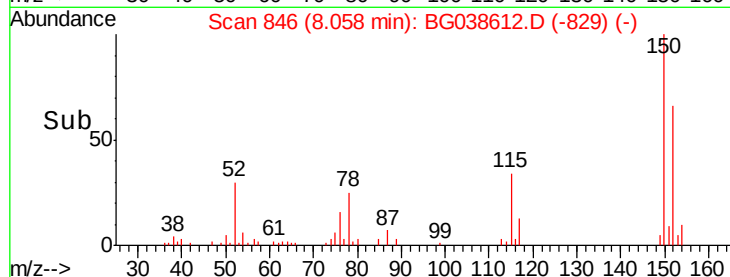
115 51.8 49.6 74.4



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: 58.279 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.01 min

Lab File: BG038612.D

Acq: 15 Dec 2018 20:06

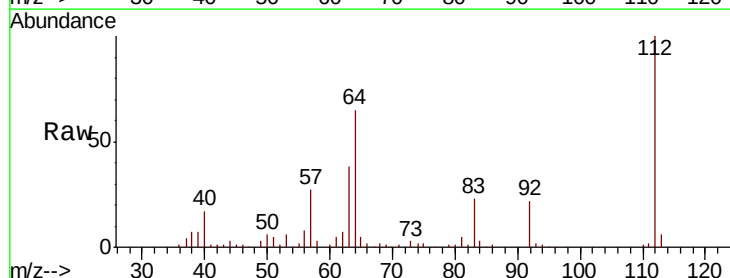
Tgt Ion:112 Resp: 77282

Ion Ratio Lower Upper

112 100

64 64.8 53.4 80.2

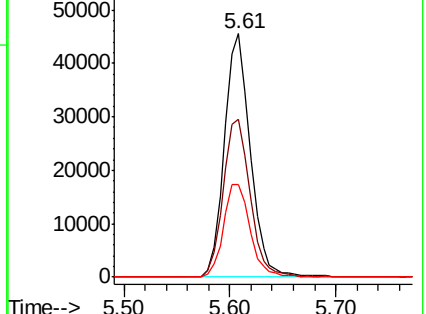
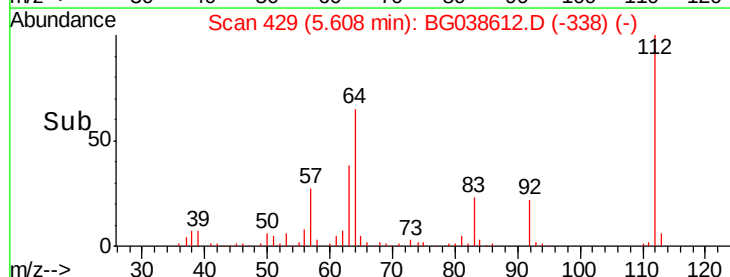
63 38.0 29.3 43.9

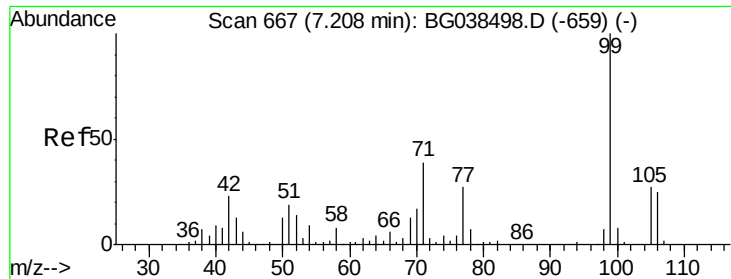


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 34.927 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG038612.D

Acq: 15 Dec 2018 20:06

Instrument :

BNA_G

ClientSampleId :

TEST-PIT-1-WATER

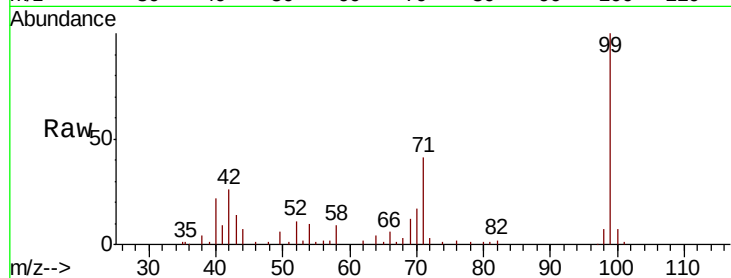
Tgt Ion: 99 Resp: 63583

Ion Ratio Lower Upper

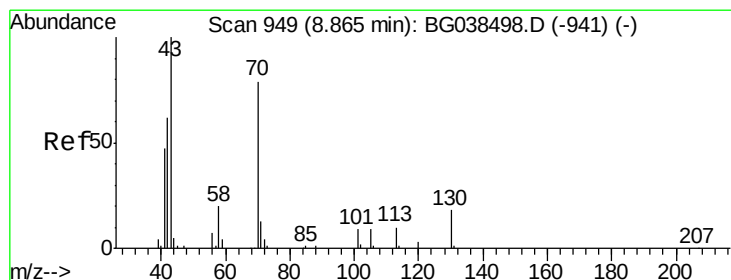
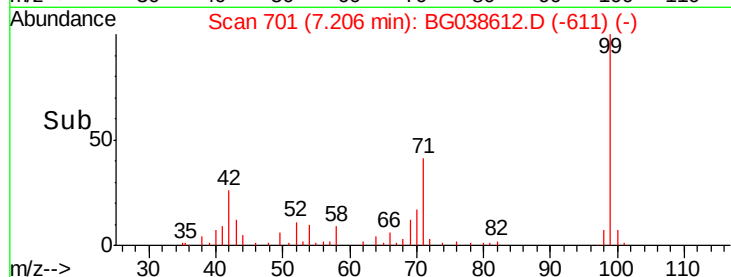
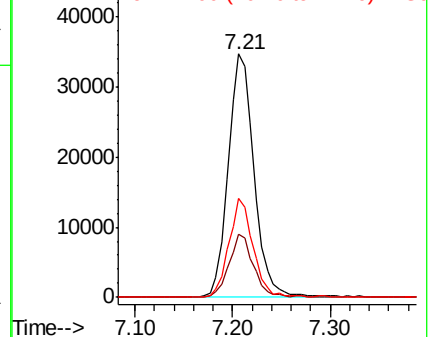
99 100

42 25.8 18.5 27.7

71 40.8 31.1 46.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 18.495 ng

RT: 9.24 min Scan# 1047

Delta R.T. 0.37 min

Lab File: BG038612.D

Acq: 15 Dec 2018 20:06

Tgt Ion: 70 Resp: 23647

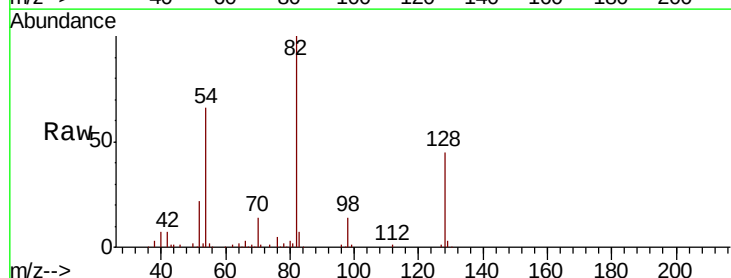
Ion Ratio Lower Upper

70 100

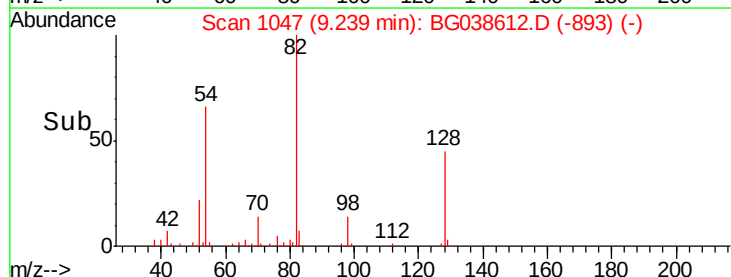
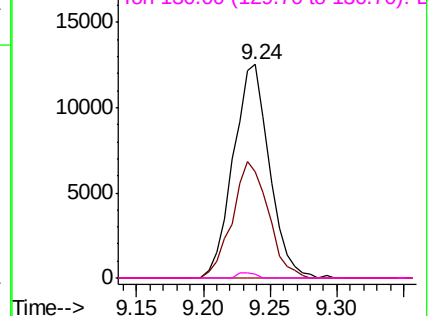
42 49.8 63.6 95.4#

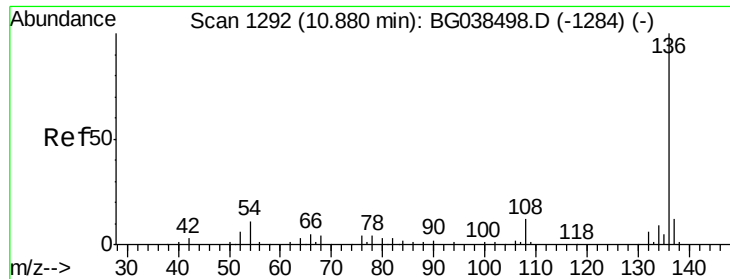
101 0.0 9.2 13.8#

130 1.6 18.5 27.7#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

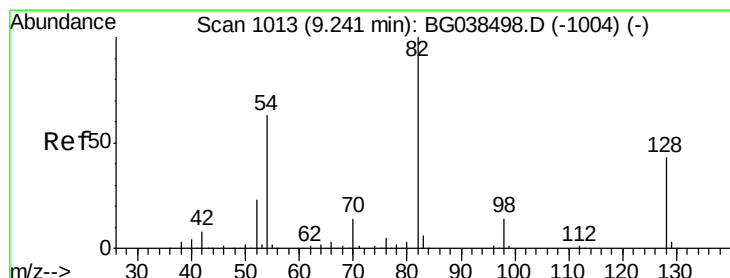
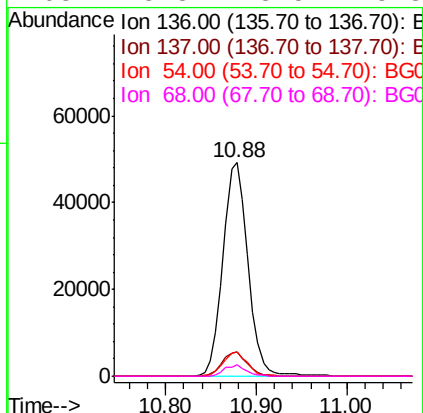
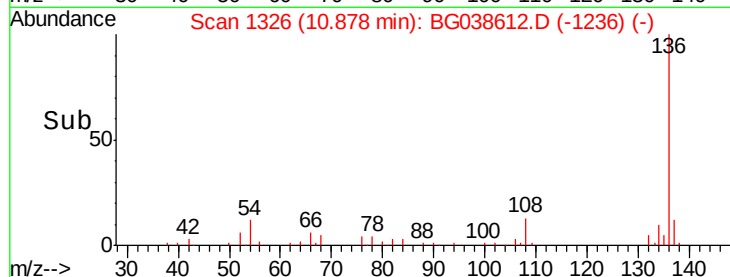
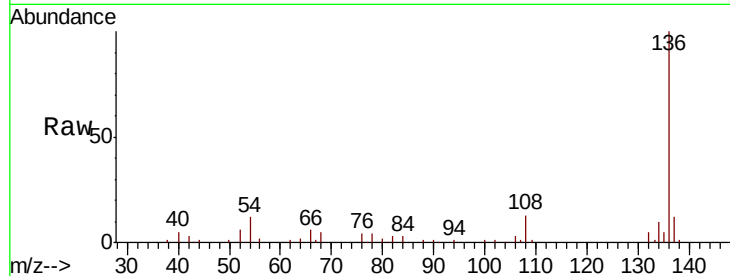




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG038612.D
Acq: 15 Dec 2018 20:06

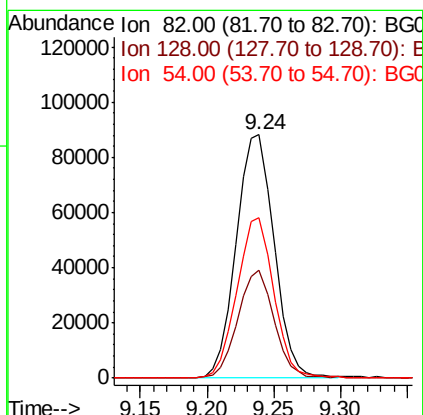
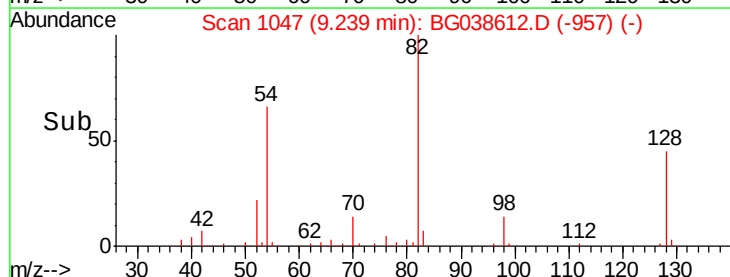
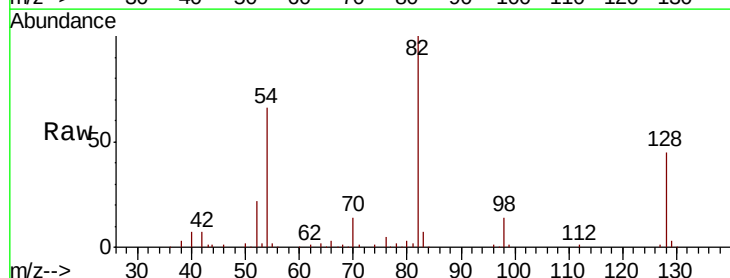
Instrument :
BNA_G
ClientSampleId :
TEST-PIT-1-WATER

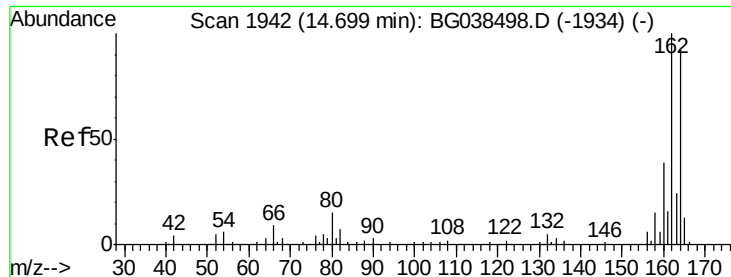
Tgt Ion:	136	Resp:	94567
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.3	13.9
54	11.5	8.5	12.7
68	5.3	3.5	5.3#



#23
Nitrobenzene-d5
Concen: 93.416 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BG038612.D
Acq: 15 Dec 2018 20:06

Tgt Ion:	82	Resp:	172921
Ion	Ratio	Lower	Upper
82	100		
128	44.5	34.6	52.0
54	65.6	50.6	76.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG038612.D

Acq: 15 Dec 2018 20:06

Instrument :

BNA_G

ClientSampleId :

TEST-PIT-1-WATER

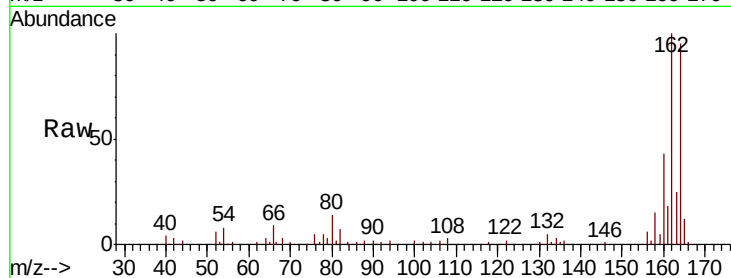
Tgt Ion:164 Resp: 60434

Ion Ratio Lower Upper

164 100

162 105.2 86.6 130.0

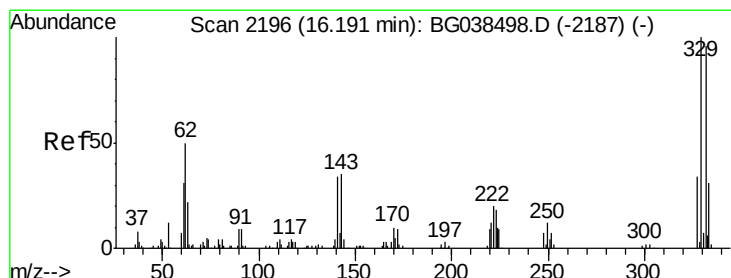
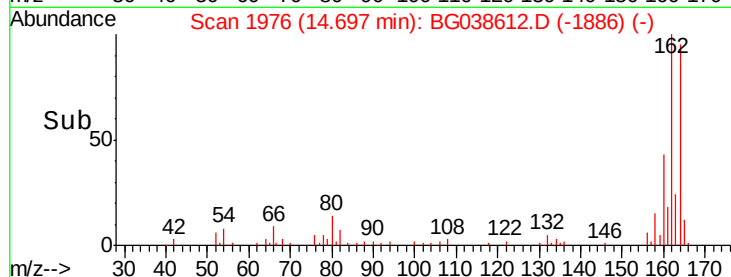
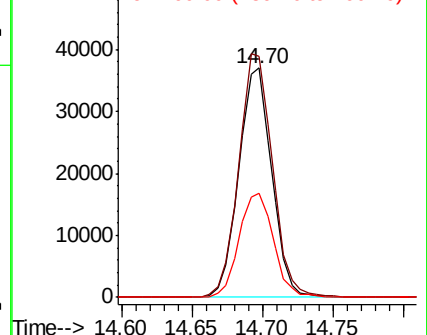
160 45.5 34.2 51.2



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: 140.740 ng

RT: 16.19 min Scan# 2230

Delta R.T. -0.00 min

Lab File: BG038612.D

Acq: 15 Dec 2018 20:06

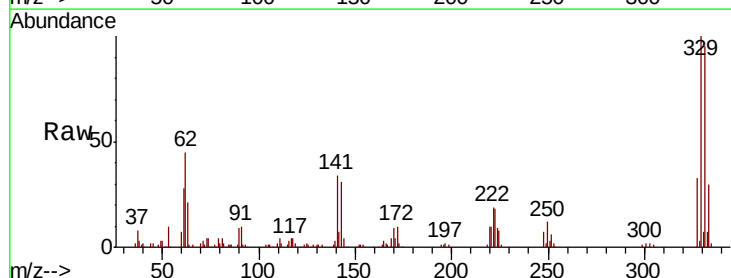
Tgt Ion:330 Resp: 117221

Ion Ratio Lower Upper

330 100

332 96.3 76.9 115.3

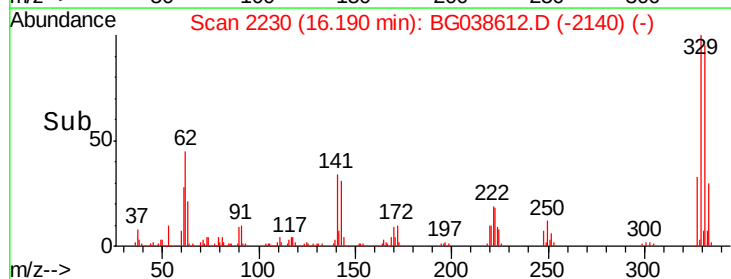
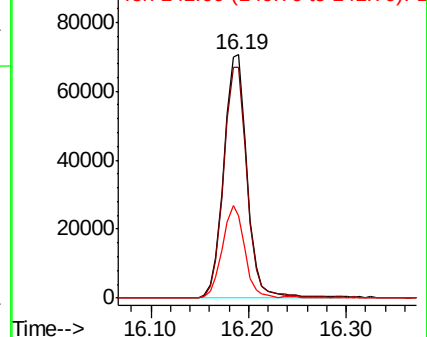
141 36.9 28.8 43.2

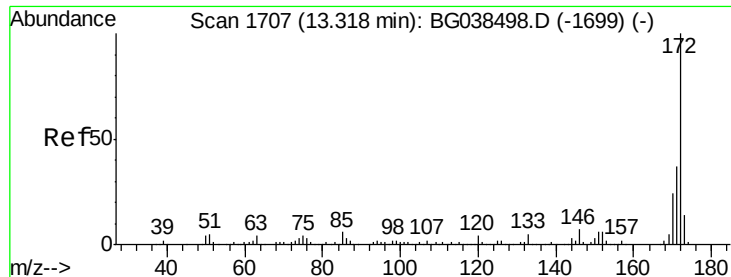


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

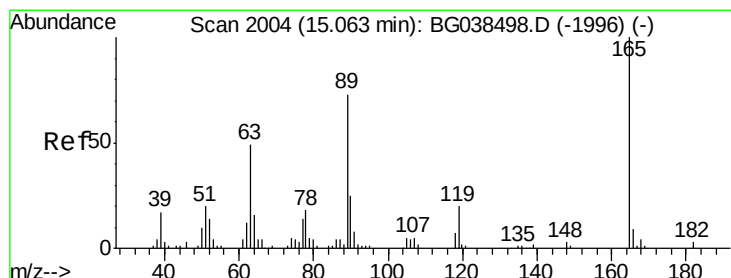
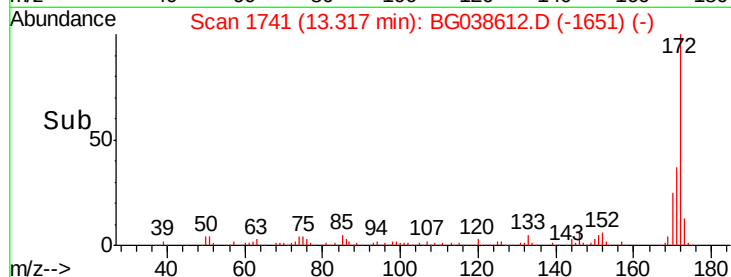
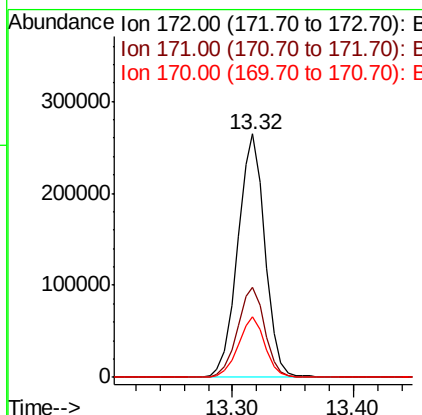
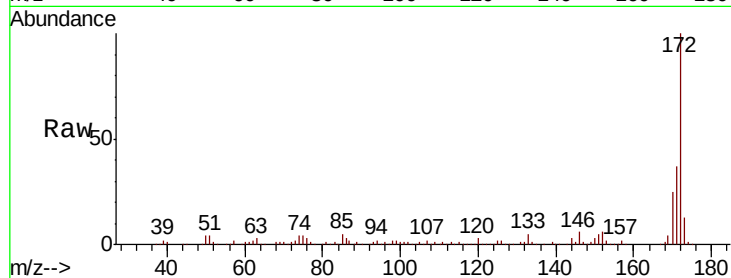




#45
 2-Fluorobiphenyl
 Concen: 94.021 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BG038612.D
 Acq: 15 Dec 2018 20:06

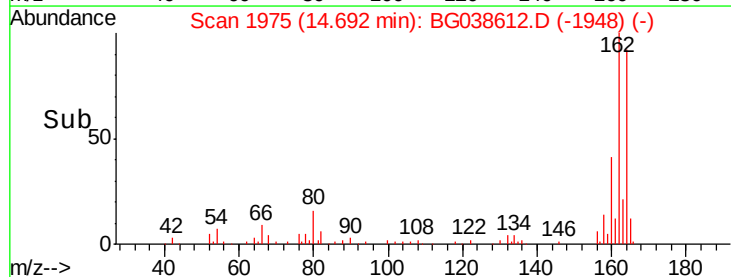
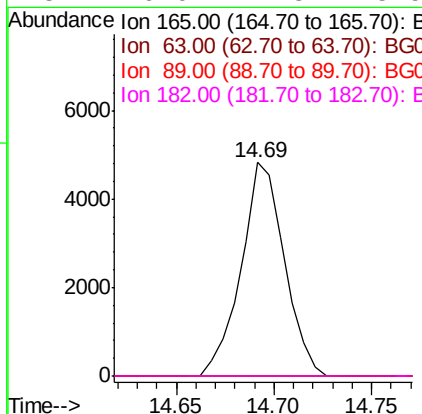
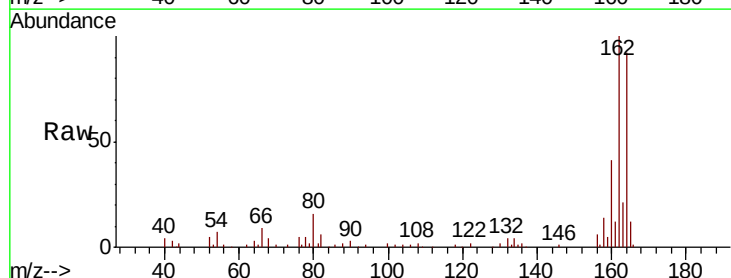
Instrument :
 BNA_G
 ClientSampleId :
 TEST-PIT-1-WATER

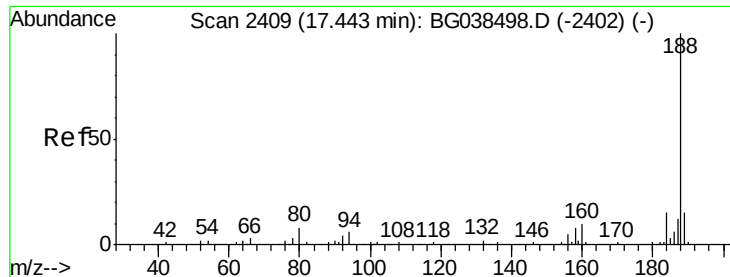
Tgt Ion:172 Resp: 414191
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.8 44.6
 170 24.7 19.5 29.3



#57
 2,4-Dinitrotoluene
 Concen: 4.705 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.37 min
 Lab File: BG038612.D
 Acq: 15 Dec 2018 20:06

Tgt Ion:165 Resp: 7411
 Ion Ratio Lower Upper
 165 100
 63 0.0 39.0 58.4#
 89 0.0 58.0 87.0#
 182 0.0 2.3 3.5#

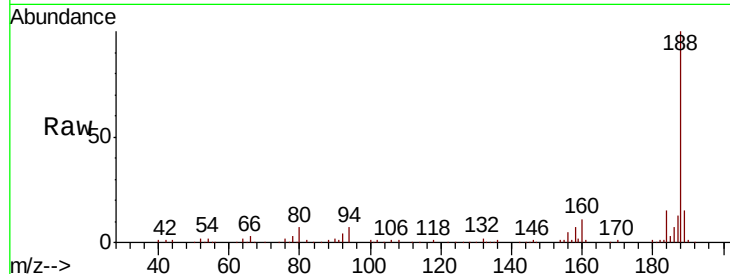




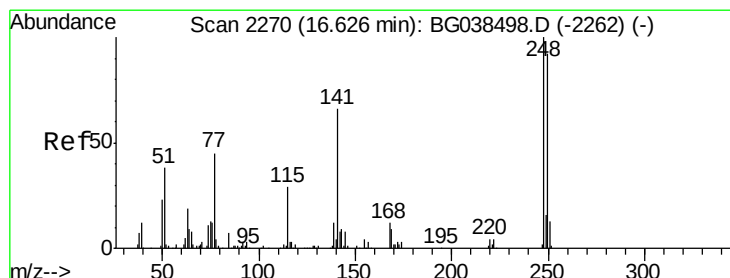
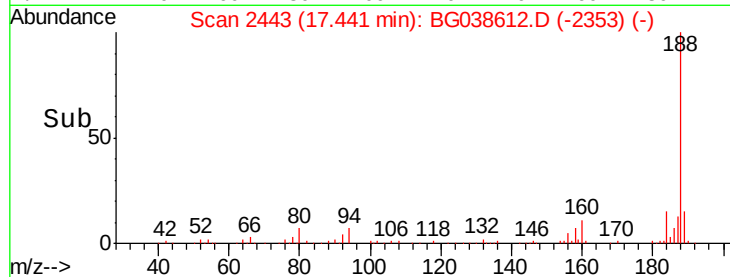
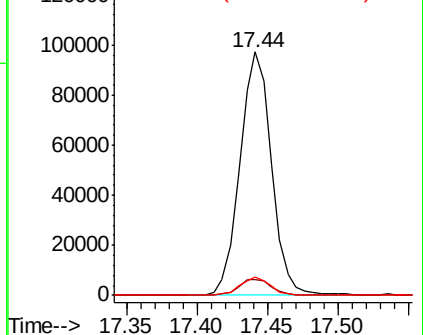
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038612.D
Acq: 15 Dec 2018 20:06

Instrument :
BNA_G
ClientSampleId :
TEST-PIT-1-WATER

Tgt Ion:188 Resp: 151603
Ion Ratio Lower Upper
188 100
94 6.7 5.1 7.7
80 7.4 6.1 9.1

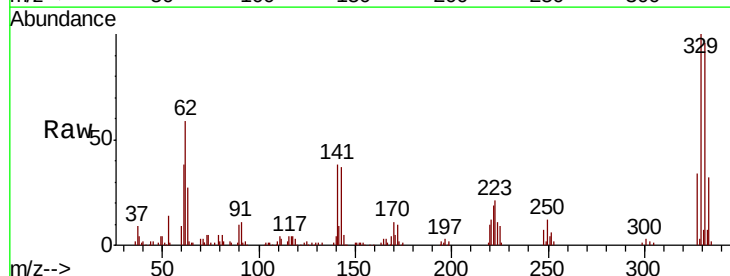


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

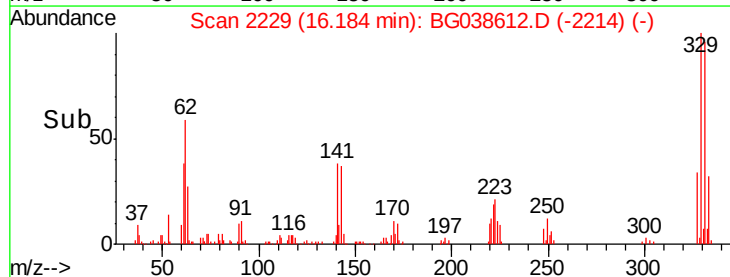
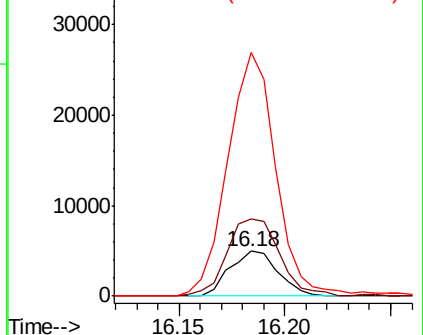


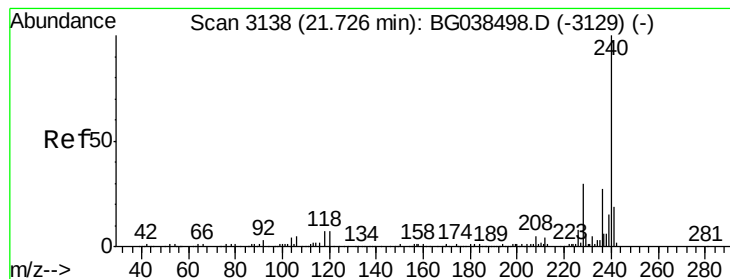
#67
4-Bromophenyl-phenylether
Concen: 4.222 ng
RT: 16.18 min Scan# 2229
Delta R.T. -0.44 min
Lab File: BG038612.D
Acq: 15 Dec 2018 20:06

Tgt Ion:248 Resp: 7817
Ion Ratio Lower Upper
248 100
250 168.9 73.4 110.2#
141 410.2 52.9 79.3#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.72 min Scan# 3171

Delta R.T. -0.01 min

Lab File: BG038612.D

Acq: 15 Dec 2018 20:06

Instrument :

BNA_G

ClientSampleId :

TEST-PIT-1-WATER

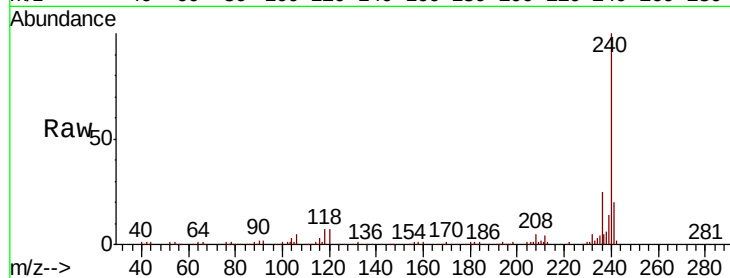
Tgt Ion:240 Resp: 158143

Ion Ratio Lower Upper

240 100

120 6.7 5.3 7.9

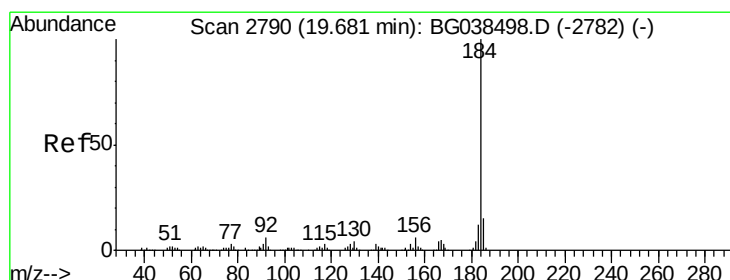
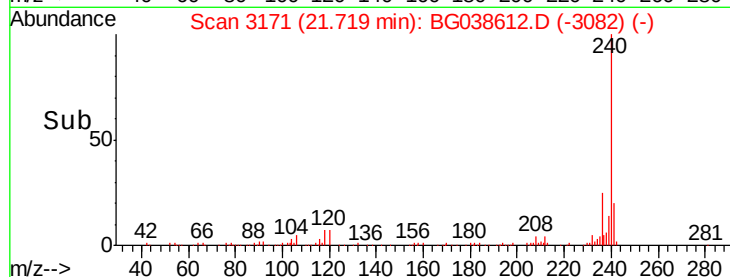
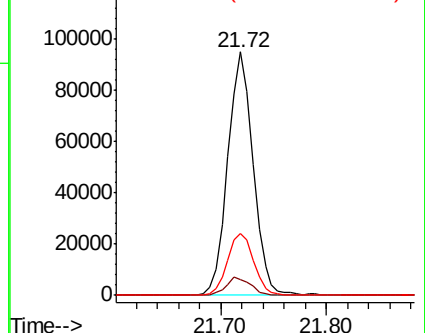
236 25.4 21.4 32.2



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



#77

Benzidine

Concen: 2.847 ng

RT: 20.04 min Scan# 2886

Delta R.T. 0.36 min

Lab File: BG038612.D

Acq: 15 Dec 2018 20:06

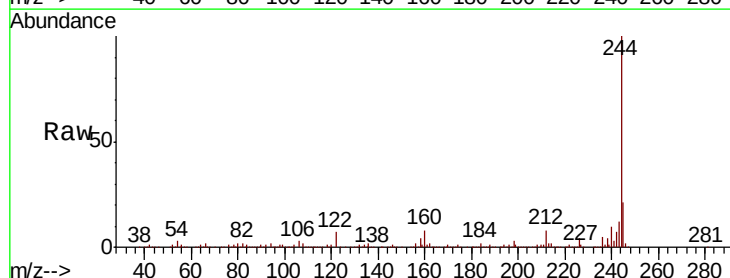
Tgt Ion:184 Resp: 13313

Ion Ratio Lower Upper

184 100

185 16.4 12.2 18.2

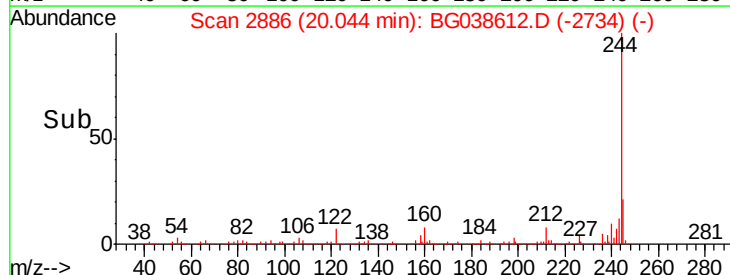
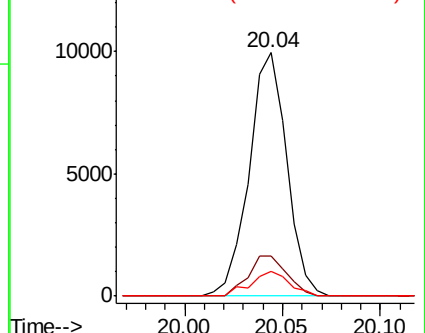
183 10.1 9.6 14.4

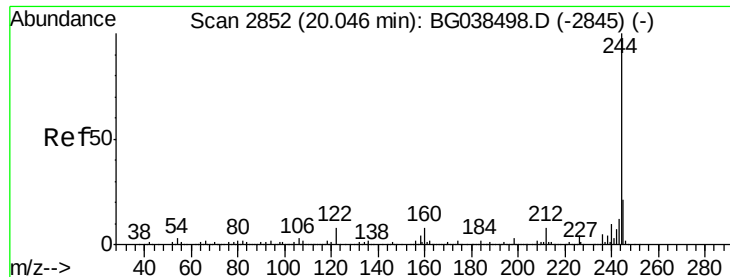


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#79

Terphenyl-d14

Concen: 102.545 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038612.D

Acq: 15 Dec 2018 20:06

Instrument :

BNA_G

ClientSampleId :

TEST-PIT-1-WATER

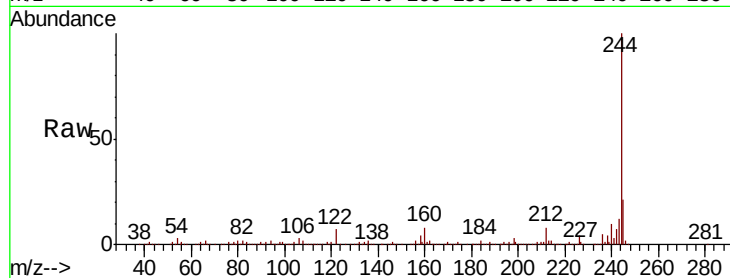
Tgt Ion:244 Resp: 745139

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

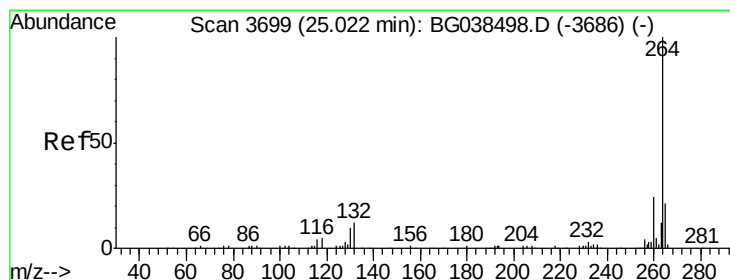
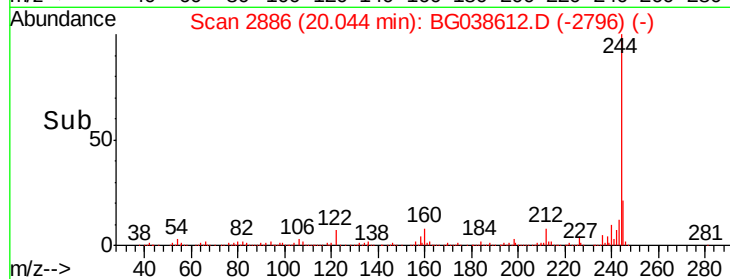
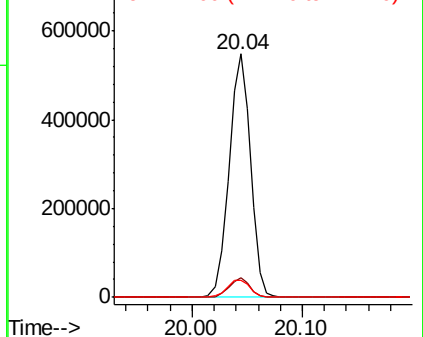
122 7.0 6.3 9.5



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: 25.01 min Scan# 3732

Delta R.T. -0.01 min

Lab File: BG038612.D

Acq: 15 Dec 2018 20:06

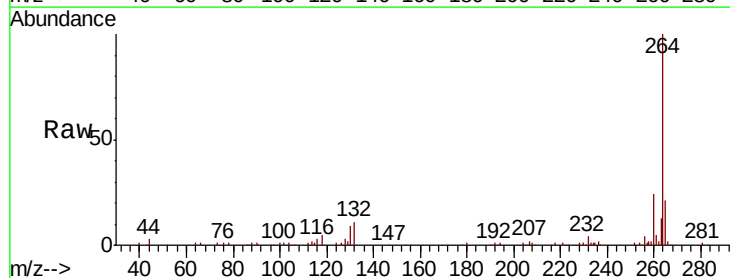
Tgt Ion:264 Resp: 166019

Ion Ratio Lower Upper

264 100

260 23.5 18.9 28.3

265 21.2 17.0 25.4



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

