

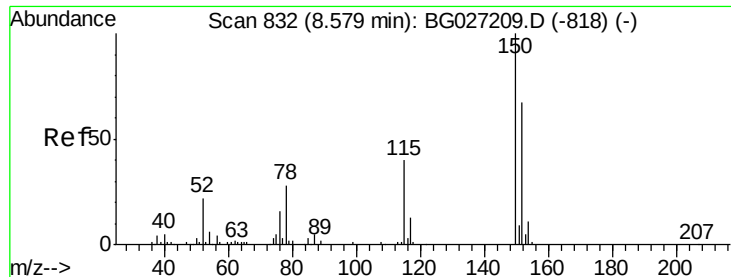
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060917\
 Data File : BG027359.D
 Acq On : 9 Jun 2017 22:45
 Operator : SJ/MA
 Sample : I3561-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PURGE-WATER-NRL-65

Quant Time: Jun 10 06:46:46 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:00:35 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.55	152	46035	20.00	ng	-0.02
21) Naphthalene-d8	11.37	136	221253	20.00	ng	-0.02
38) Acenaphthene-d10	15.14	164	134858	20.00	ng	-0.02
63) Phenanthrene-d10	17.88	188	314110	20.00	ng	-0.03
75) Chrysene-d12	22.27	240	369947	20.00	ng	-0.04
86) Perylene-d12	25.95	264	360515	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	159326	52.81	ng	-0.02
7) Phenol-d6	7.69	99	144407	32.61	ng	-0.01
23) Nitrobenzene-d5	9.72	82	306125	87.01	ng	-0.02
41) 2,4,6-Tribromophenol	16.62	330	203490	114.59	ng	-0.03
44) 2-Fluorobiphenyl	13.76	172	659915	68.46	ng	-0.03
78) Terphenyl-d14	20.46	244	259261	17.88	ng	-0.04
Target Compounds						
9) Benzaldehyde	7.70	77	13498	4.409	ng	97
10) Phenol	7.71	94	29766	6.573	ng	81
15) Benzyl Alcohol	8.78	79	431424	138.271	ng	# 86
22) Acetophenone	9.38	105	11486	2.030	ng	# 84
32) Benzoic acid	10.59	122	12889	12.387	ng	92
49) Dimethylphthalate	14.57	163	124962	11.681	ng	97

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

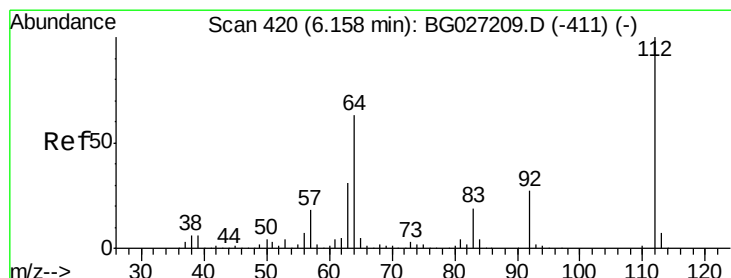
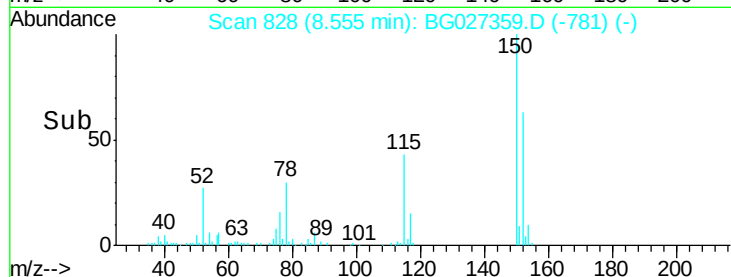
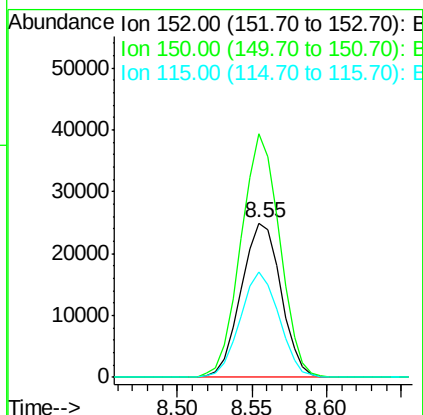
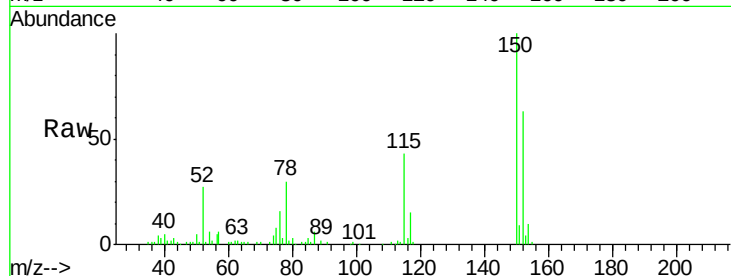


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.55 min Scan# 828
Delta R.T. -0.02 min
Lab File: BG027359.D
Acq: 9 Jun 2017 22:45

Instrument :
BNA_G
ClientSampleId :
PURGE-WATER-NRL-65

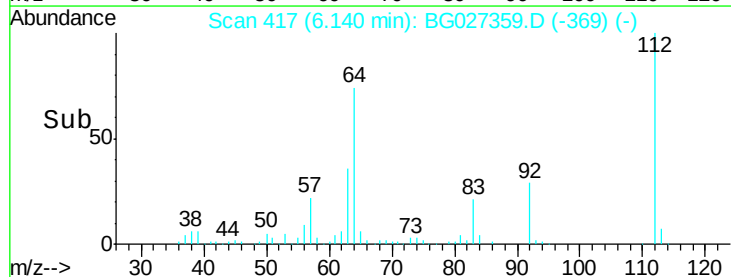
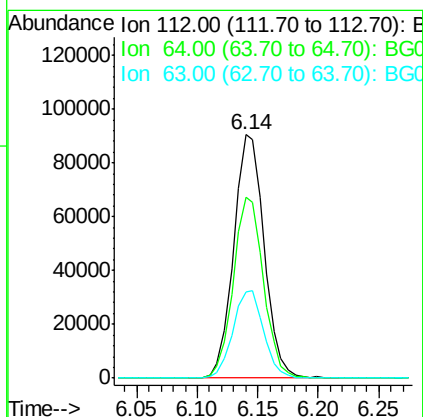
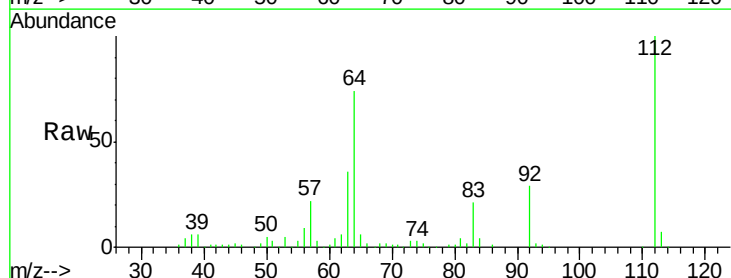
Tgt Ion:152 Resp: 46035
Ion Ratio Lower Upper
152 100
150 157.8 114.0 171.0
115 67.9 48.1 72.1

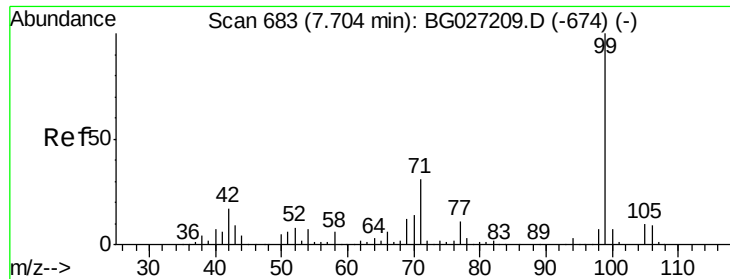


#5

2-Fluorophenol
Concen: 52.813 ng
RT: 6.14 min Scan# 417
Delta R.T. -0.02 min
Lab File: BG027359.D
Acq: 9 Jun 2017 22:45

Tgt Ion:112 Resp: 159326
Ion Ratio Lower Upper
112 100
64 74.4 61.8 92.6
63 35.6 37.2 55.8#





#7

Phenol-d6

Concen: 32.610 ng

RT: 7.69 min Scan# 681

Delta R.T. -0.01 min

Lab File: BG027359.D

Acq: 9 Jun 2017 22:45

Instrument :

BNA_G

ClientSampleId :

PURGE-WATER-NRL-65

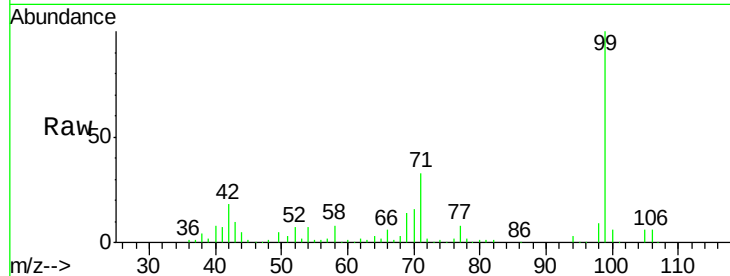
Tgt Ion: 99 Resp: 144407

Ion Ratio Lower Upper

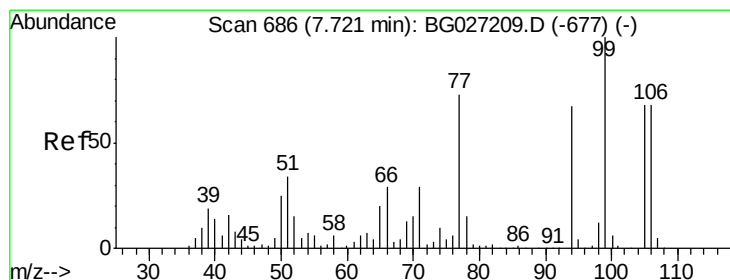
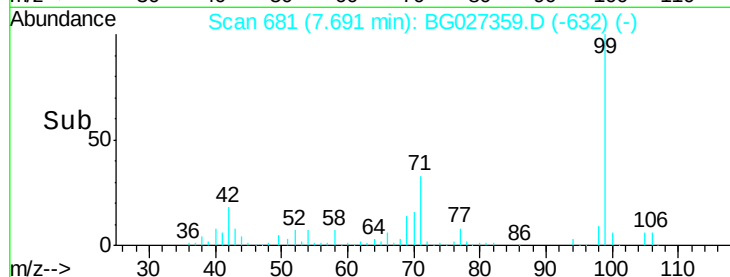
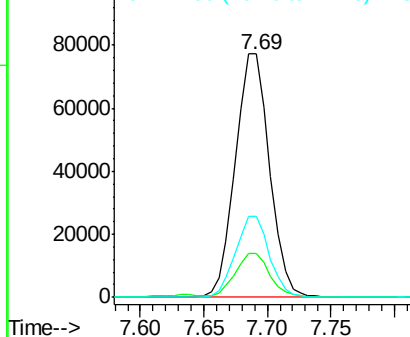
99 100

42 18.3 20.5 30.7#

71 33.3 37.6 56.4#



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



#9

Benzaldehyde

Concen: 4.409 ng

RT: 7.70 min Scan# 682

Delta R.T. -0.02 min

Lab File: BG027359.D

Acq: 9 Jun 2017 22:45

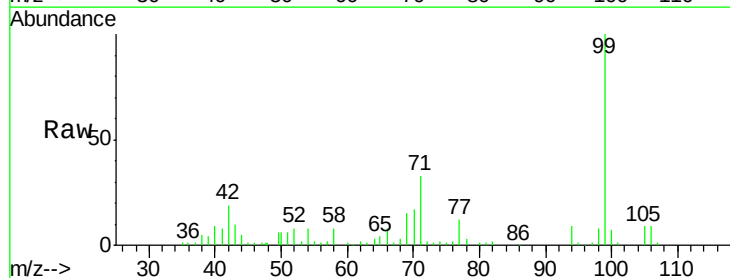
Tgt Ion: 77 Resp: 13498

Ion Ratio Lower Upper

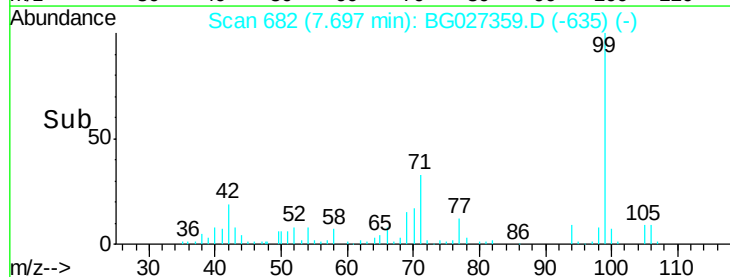
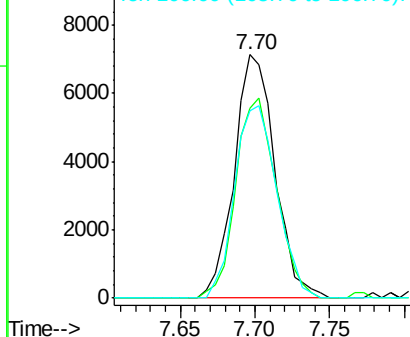
77 100

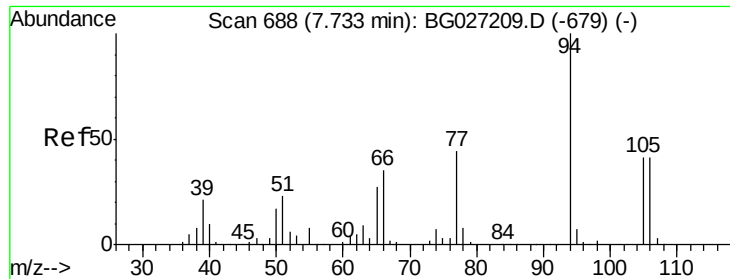
105 78.2 60.9 100.9

106 76.7 55.1 95.1



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC





#10

Phenol

Concen: 6.573 ng

RT: 7.71 min Scan# 685

Delta R.T. -0.02 min

Lab File: BG027359.D

Acq: 9 Jun 2017 22:45

Instrument :

BNA_G

ClientSampleId :

PURGE-WATER-NRL-65

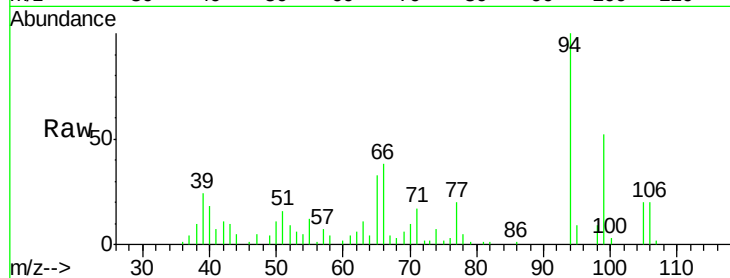
Tgt Ion: 94 Resp: 29766

Ion Ratio Lower Upper

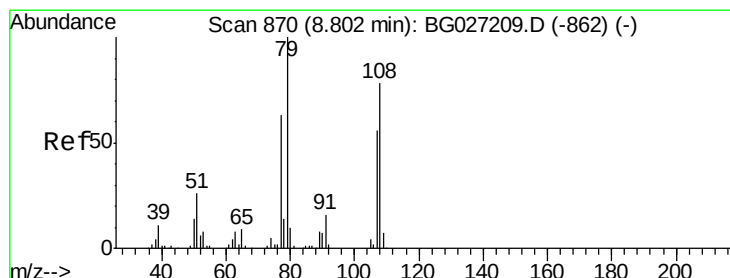
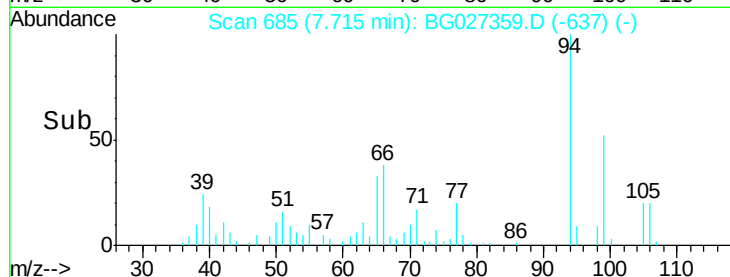
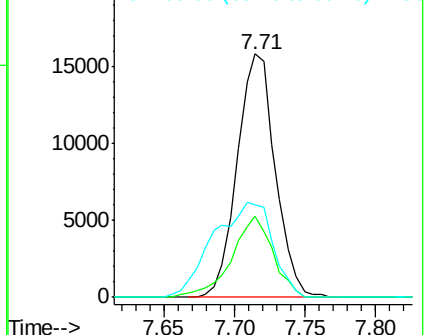
94 100

65 33.4 20.6 60.6

66 38.0 35.5 75.5



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



#15

Benzyl Alcohol

Concen: 138.271 ng

RT: 8.78 min Scan# 867

Delta R.T. -0.02 min

Lab File: BG027359.D

Acq: 9 Jun 2017 22:45

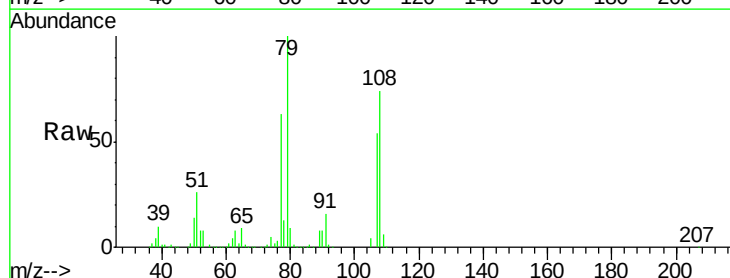
Tgt Ion: 79 Resp: 431424

Ion Ratio Lower Upper

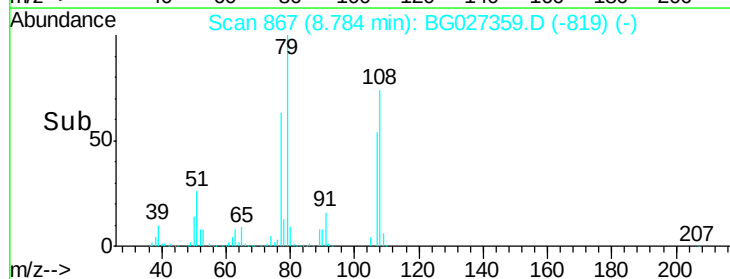
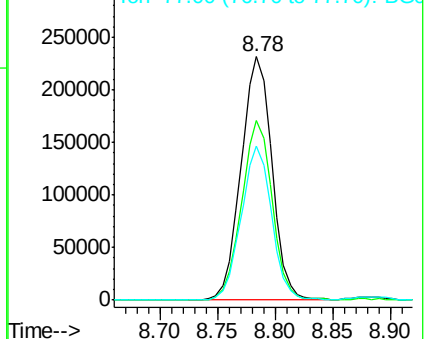
79 100

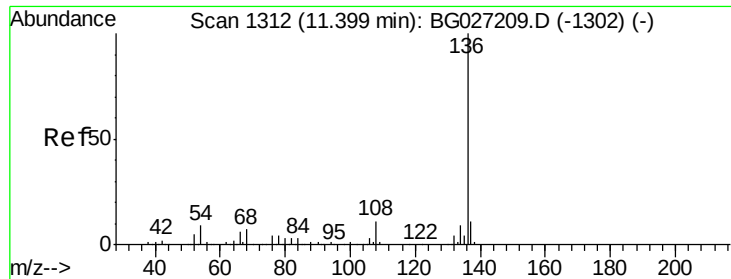
108 73.7 45.5 68.3#

77 63.0 54.3 81.5



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

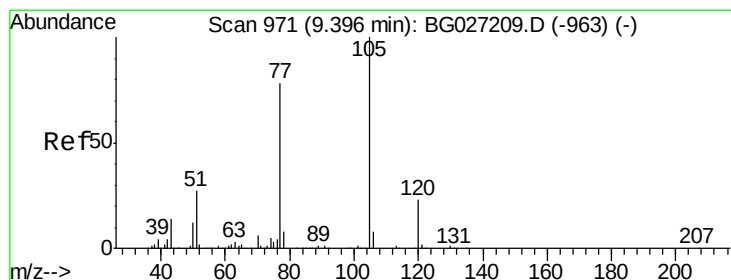
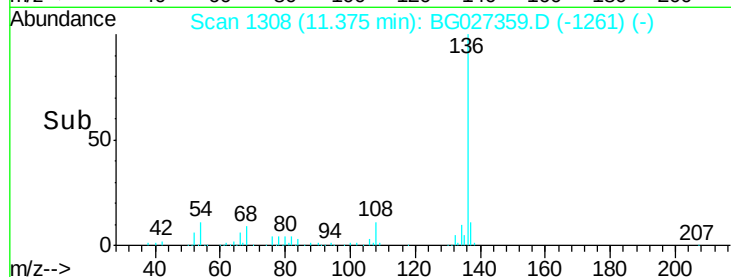
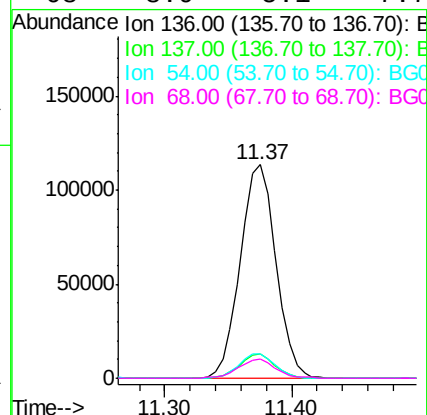
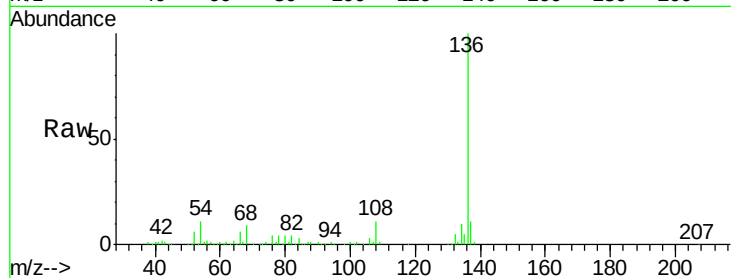




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.37 min Scan# 1308
Delta R.T. -0.02 min
Lab File: BG027359.D
Acq: 9 Jun 2017 22:45

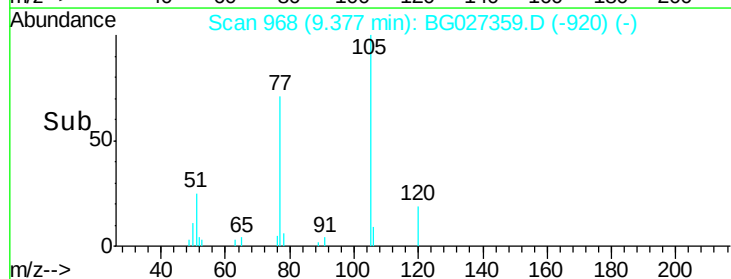
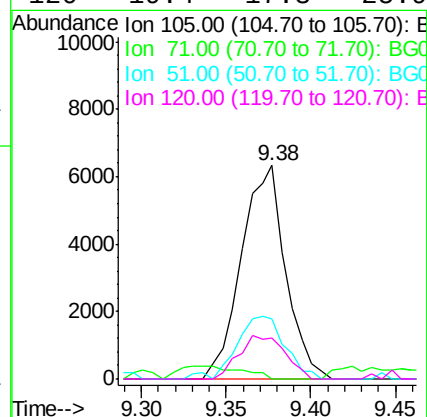
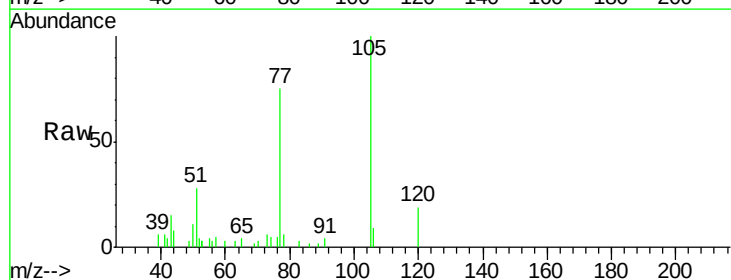
Instrument :
BNA_G
ClientSampleId :
PURGE-WATER-NRL-65

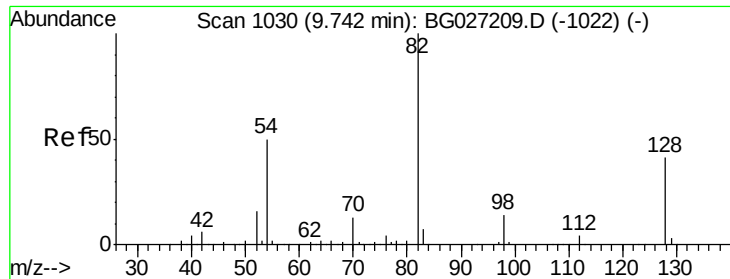
Tgt Ion:	136	Resp:	221253
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	11.3	9.3	13.9
68	8.9	5.1	7.7#



#22
Acetophenone
Concen: 2.030 ng
RT: 9.38 min Scan# 968
Delta R.T. -0.02 min
Lab File: BG027359.D
Acq: 9 Jun 2017 22:45

Tgt Ion:	105	Resp:	11486
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.9	1.3#
51	28.2	34.0	51.0#
120	19.4	17.3	25.9

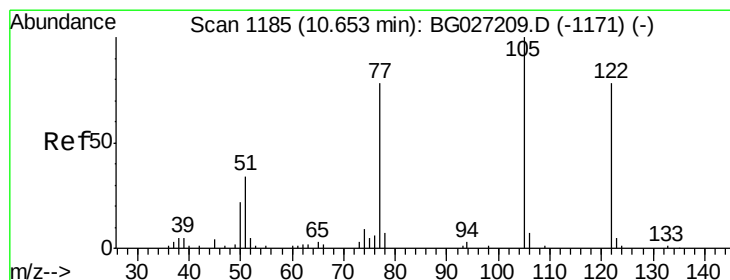
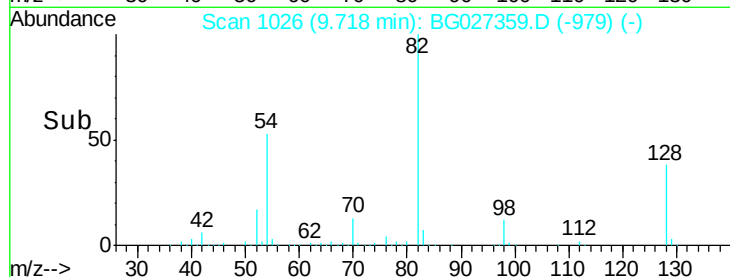
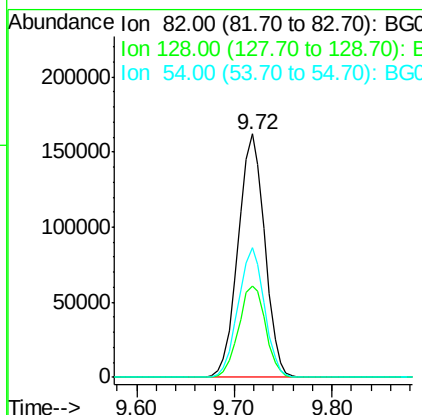
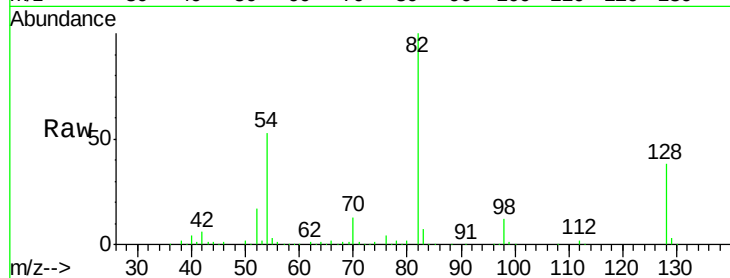




#23
 Nitrobenzene-d5
 Concen: 87.014 ng
 RT: 9.72 min Scan# 1026
 Delta R.T. -0.02 min
 Lab File: BG027359.D
 Acq: 9 Jun 2017 22:45

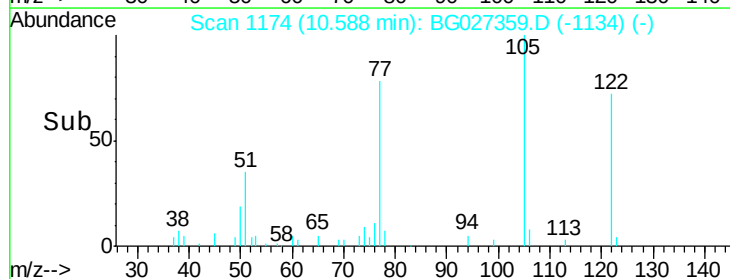
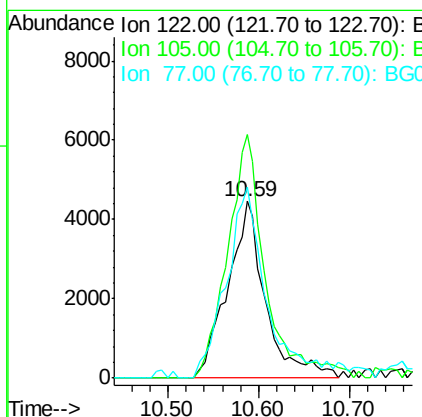
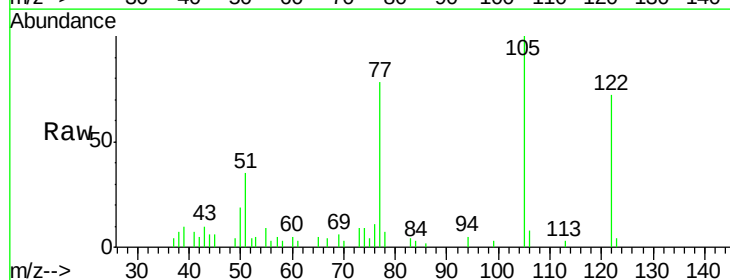
Instrument :
 BNA_G
 ClientSampleId :
 PURGE-WATER-NRL-65

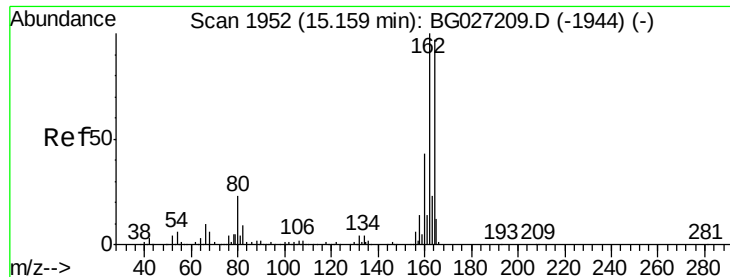
Tgt Ion: 82 Resp: 306125
 Ion Ratio Lower Upper
 82 100
 128 37.7 26.4 39.6
 54 53.3 49.4 74.2



#32
 Benzoic acid
 Concen: 12.387 ng
 RT: 10.59 min Scan# 1174
 Delta R.T. -0.06 min
 Lab File: BG027359.D
 Acq: 9 Jun 2017 22:45

Tgt Ion: 122 Resp: 12889
 Ion Ratio Lower Upper
 122 100
 105 138.0 120.1 160.1
 77 108.3 104.6 144.6

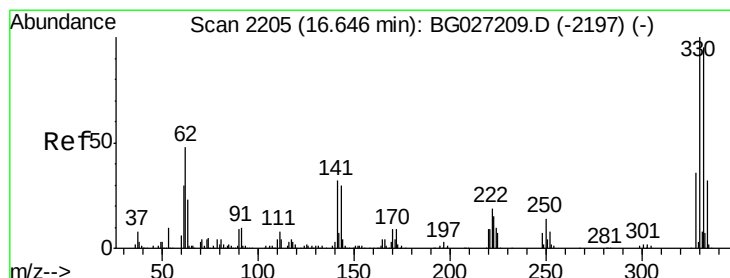
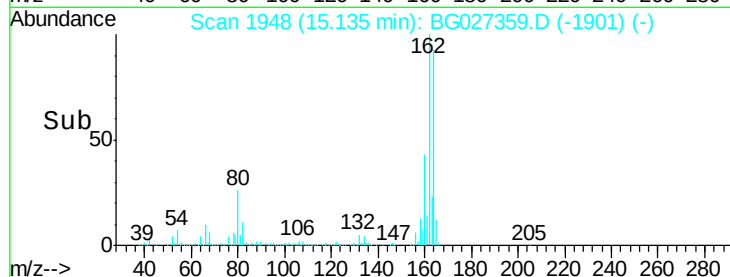
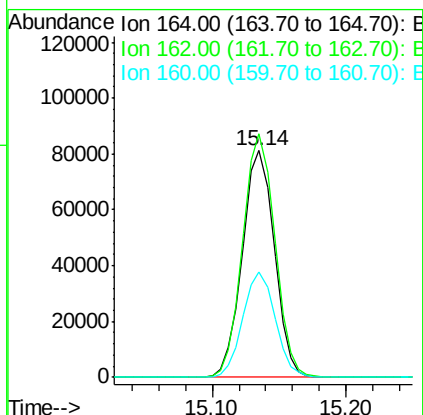
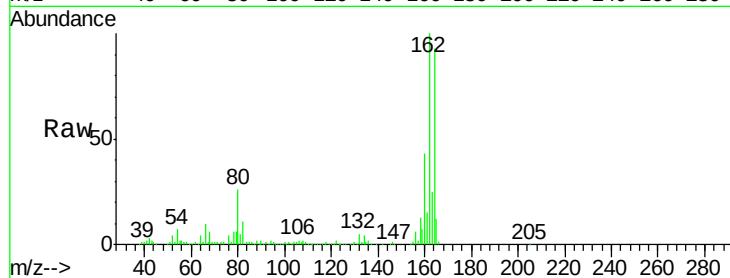




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.14 min Scan# 1948
Delta R.T. -0.02 min
Lab File: BG027359.D
Acq: 9 Jun 2017 22:45

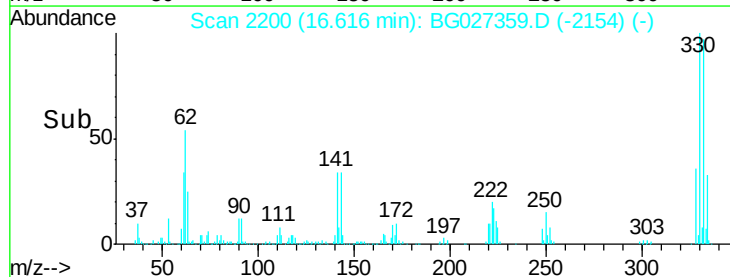
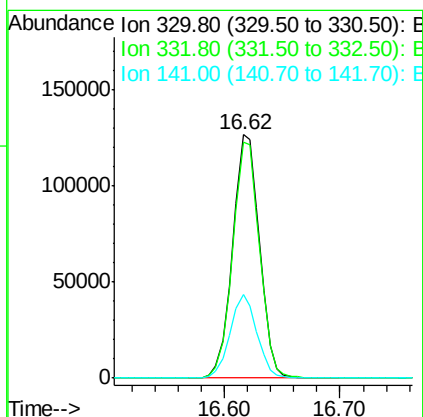
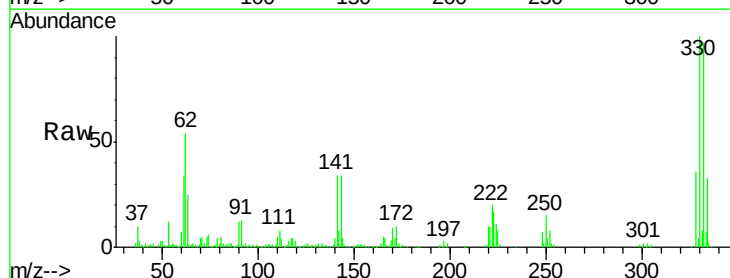
Instrument :
BNA_G
ClientSampleId :
PURGE-WATER-NRL-65

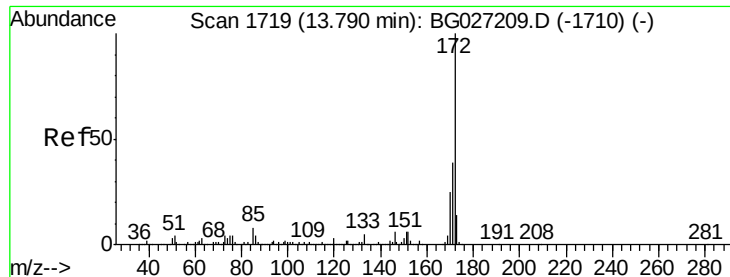
Tgt Ion:164 Resp: 134858
Ion Ratio Lower Upper
164 100
162 107.5 85.1 127.7
160 46.4 34.7 52.1



#41
2,4,6-Tribromophenol
Concen: 114.588 ng
RT: 16.62 min Scan# 2200
Delta R.T. -0.03 min
Lab File: BG027359.D
Acq: 9 Jun 2017 22:45

Tgt Ion:330 Resp: 203490
Ion Ratio Lower Upper
330 100
332 97.2 77.3 115.9
141 34.5 32.1 48.1

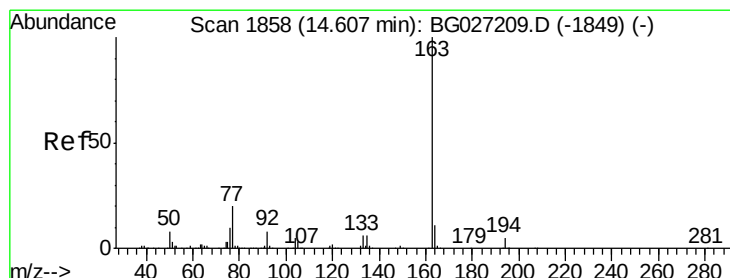
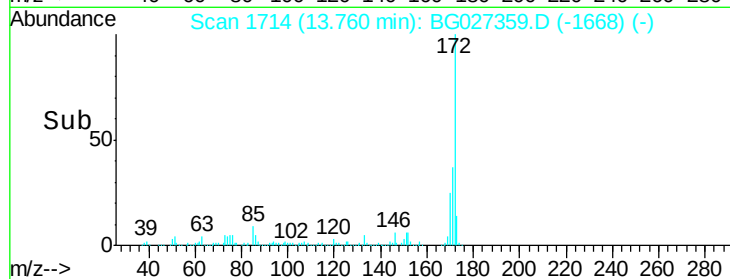
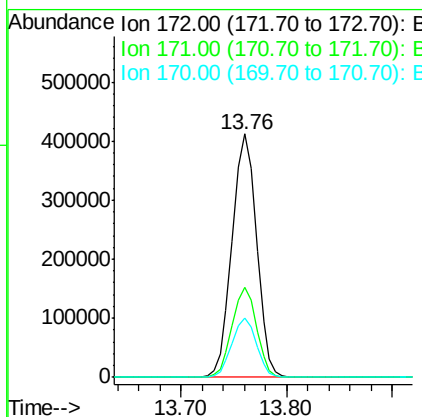
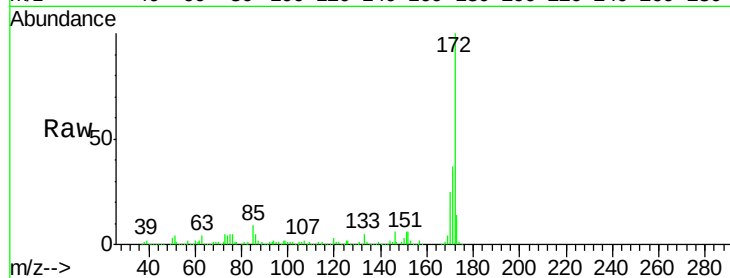




#44
2-Fluorobiphenyl
Concen: 68.458 ng
RT: 13.76 min Scan# 1714
Delta R.T. -0.03 min
Lab File: BG027359.D
Acq: 9 Jun 2017 22:45

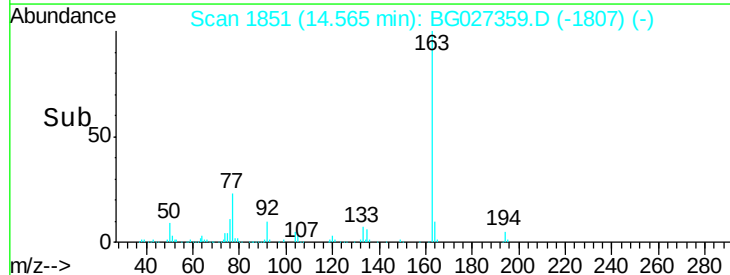
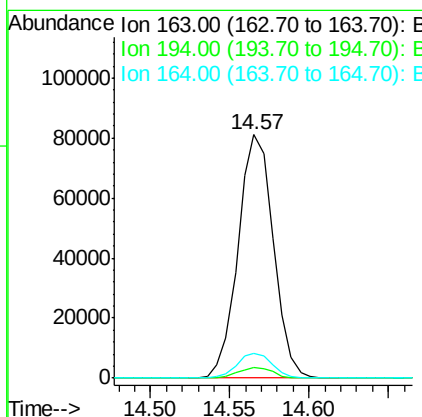
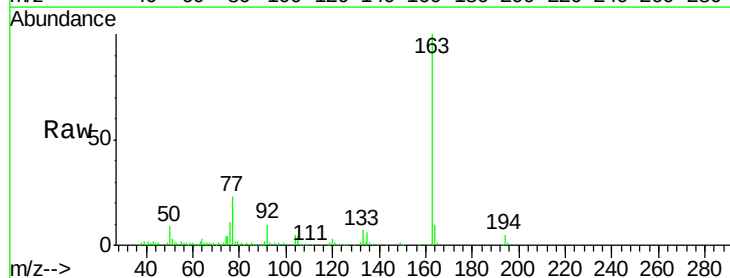
Instrument :
BNA_G
ClientSampleId :
PURGE-WATER-NRL-65

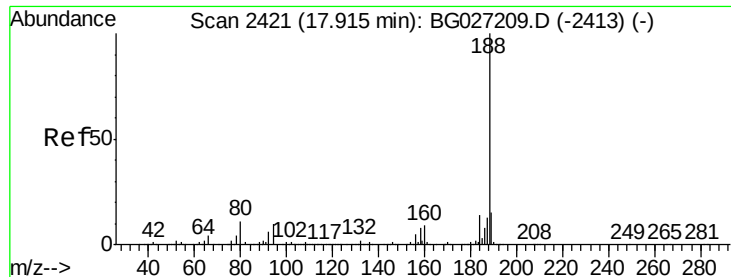
Tgt Ion:	172	Resp:	659915
Ion	Ratio	Lower	Upper
172	100		
171	37.0	32.2	48.2
170	24.5	21.8	32.6



#49
Dimethylphthalate
Concen: 11.681 ng
RT: 14.57 min Scan# 1851
Delta R.T. -0.04 min
Lab File: BG027359.D
Acq: 9 Jun 2017 22:45

Tgt Ion:	163	Resp:	124962
Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.8	5.6
164	10.1	9.3	13.9

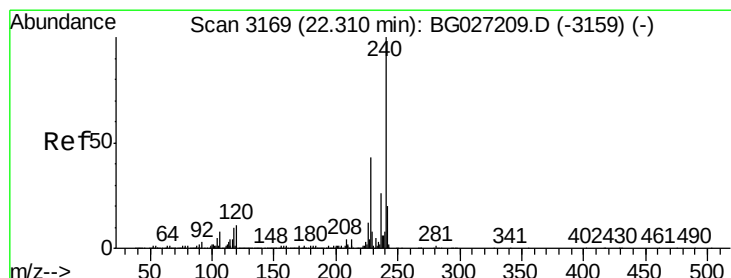
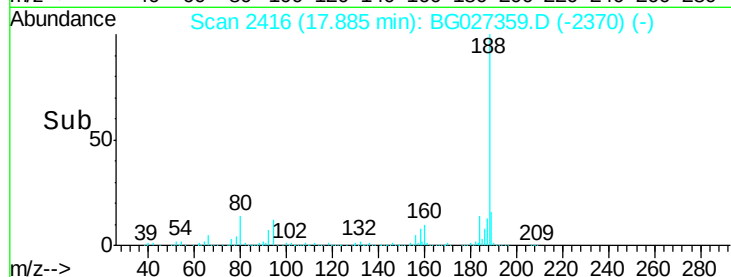
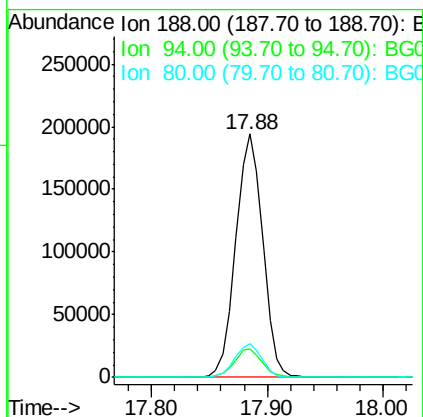
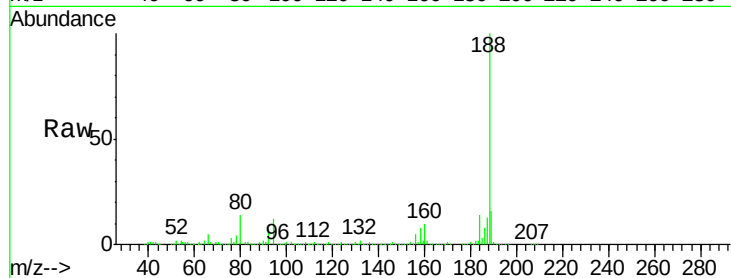




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.88 min Scan# 2416
Delta R.T. -0.03 min
Lab File: BG027359.D
Acq: 9 Jun 2017 22:45

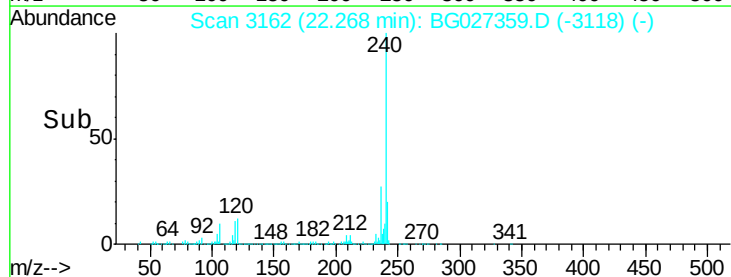
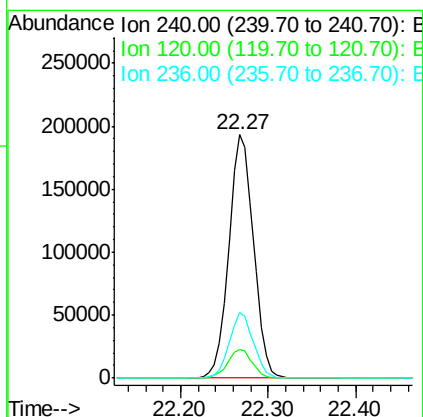
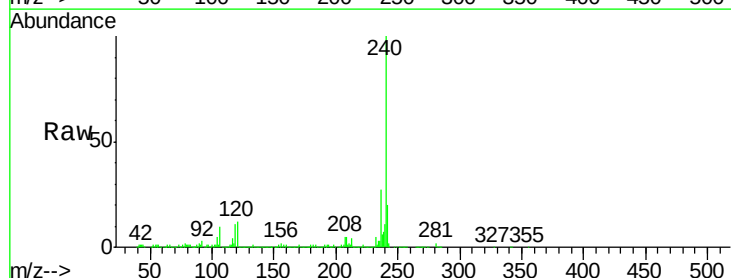
Instrument :
BNA_G
ClientSampleId :
PURGE-WATER-NRL-65

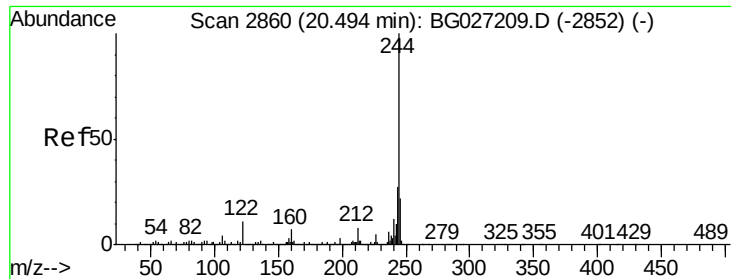
Tgt Ion:188 Resp: 314110
Ion Ratio Lower Upper
188 100
94 11.8 5.8 8.8#
80 14.1 7.5 11.3#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.27 min Scan# 3162
Delta R.T. -0.04 min
Lab File: BG027359.D
Acq: 9 Jun 2017 22:45

Tgt Ion:240 Resp: 369947
Ion Ratio Lower Upper
240 100
120 12.0 5.7 8.5#
236 26.7 22.2 33.4





#78

Terphenyl-d14

Concen: 17.878 ng

RT: 20.46 min Scan# 2854

Delta R.T. -0.04 min

Lab File: BG027359.D

Acq: 9 Jun 2017 22:45

Instrument :

BNA_G

ClientSampleId :

PURGE-WATER-NRL-65

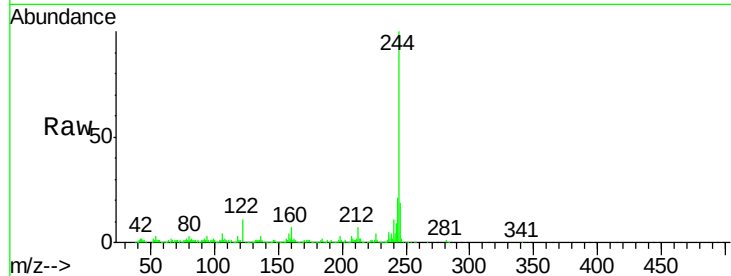
Tgt Ion:244 Resp: 259261

Ion Ratio Lower Upper

244 100

212 7.2 10.0 15.0#

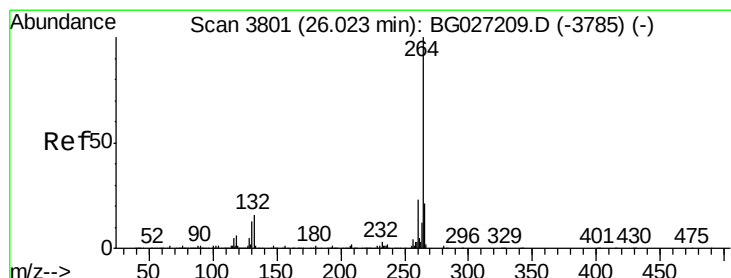
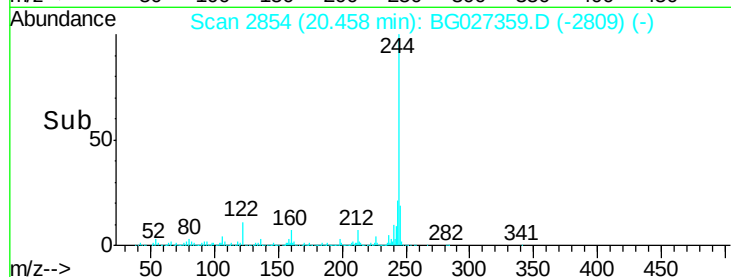
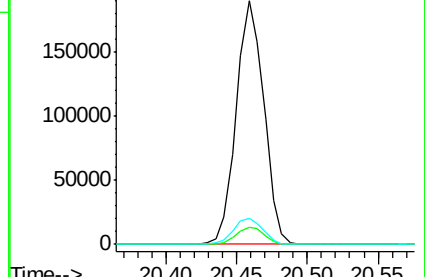
122 10.9 8.6 12.8



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.95 min Scan# 3789

Delta R.T. -0.07 min

Lab File: BG027359.D

Acq: 9 Jun 2017 22:45

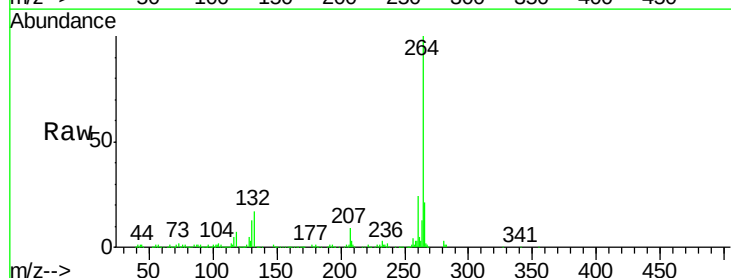
Tgt Ion:264 Resp: 360515

Ion Ratio Lower Upper

264 100

260 24.1 21.8 32.8

265 21.4 18.2 27.4



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

