

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060917\
 Data File : BG027361.D
 Acq On : 10 Jun 2017 00:03
 Operator : SJ/MA
 Sample : I3561-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PURGE-WATER-NRL-74

Quant Time: Jun 10 06:50:18 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

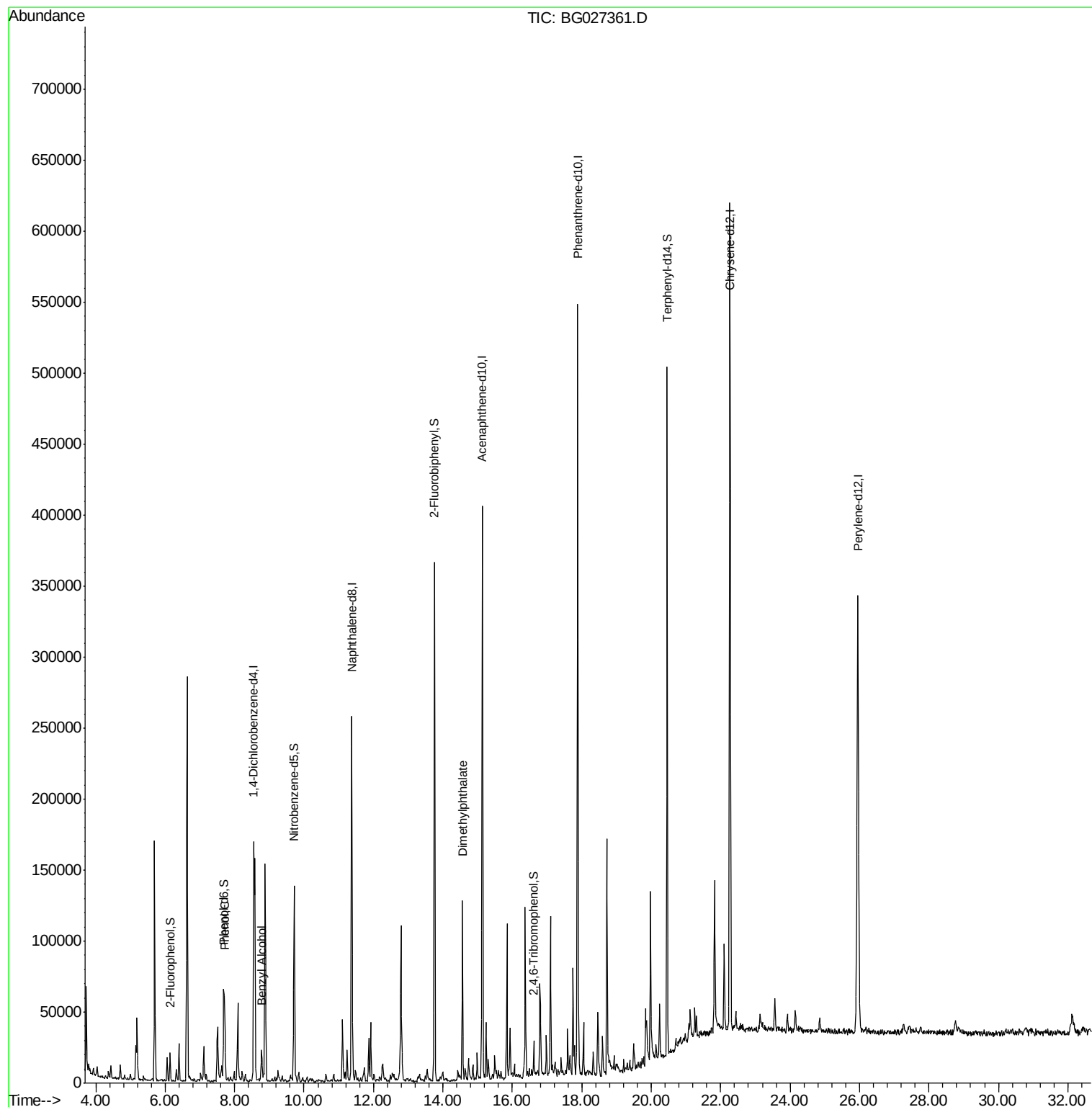
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.55	152	47813	20.00	ng	-0.03
21) Naphthalene-d8	11.37	136	220618	20.00	ng	-0.03
38) Acenaphthene-d10	15.13	164	137468	20.00	ng	-0.03
63) Phenanthrene-d10	17.88	188	335283	20.00	ng	-0.03
75) Chrysene-d12	22.27	240	389945	20.00	ng	-0.04
86) Perylene-d12	25.95	264	374322	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	8638	2.76	ng	-0.02
7) Phenol-d6	7.69	99	31957	6.95	ng	-0.01
23) Nitrobenzene-d5	9.72	82	92144	26.27	ng	-0.03
41) 2,4,6-Tribromophenol	16.61	330	4594	2.54	ng	-0.03
44) 2-Fluorobiphenyl	13.76	172	191347	19.47	ng	-0.03
78) Terphenyl-d14	20.46	244	209899	13.73	ng	-0.04
Target Compounds						
10) Phenol	7.71	94	27536	5.854	ng	82
15) Benzyl Alcohol	8.78	79	8197	2.529	ng	91
49) Dimethylphthalate	14.56	163	80705	7.401	ng	# 98

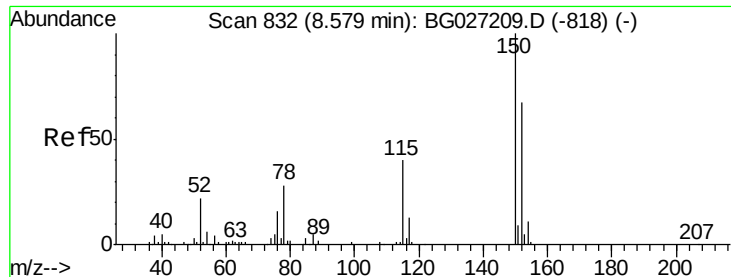
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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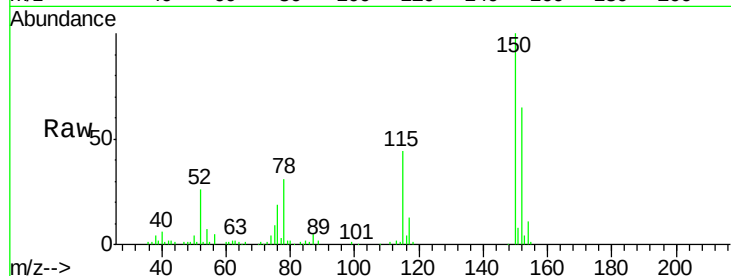


#1

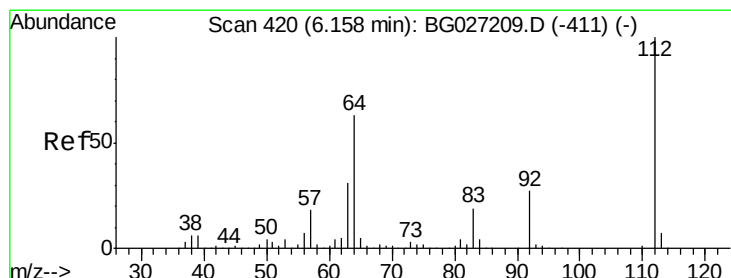
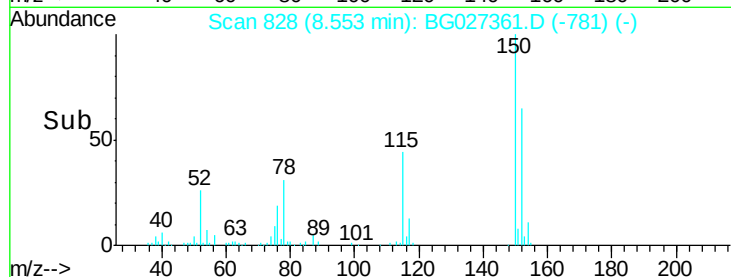
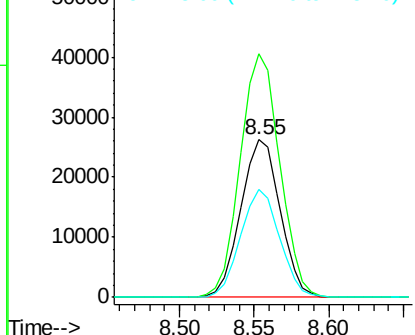
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.55 min Scan# 828
Delta R.T. -0.03 min
Lab File: BG027361.D
Acq: 10 Jun 2017 00:03

Instrument :
BNA_G
ClientSampleId :
PURGE-WATER-NRL-74

Tgt Ion:152 Resp: 47813
Ion Ratio Lower Upper
152 100
150 154.6 114.0 171.0
115 68.3 48.1 72.1



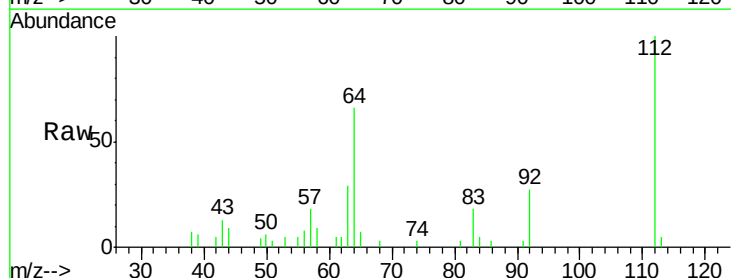
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



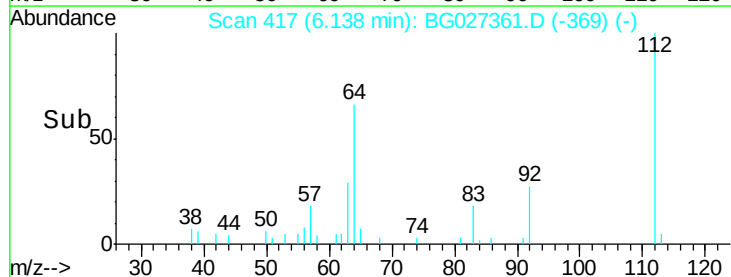
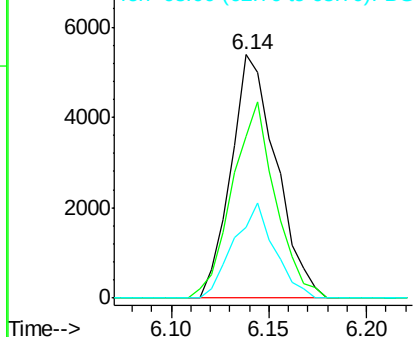
#5

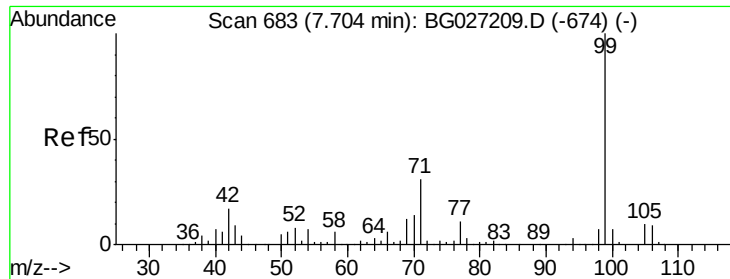
2-Fluorophenol
Concen: 2.757 ng
RT: 6.14 min Scan# 417
Delta R.T. -0.02 min
Lab File: BG027361.D
Acq: 10 Jun 2017 00:03

Tgt Ion:112 Resp: 8638
Ion Ratio Lower Upper
112 100
64 66.2 61.8 92.6
63 29.3 37.2 55.8#



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: 6.948 ng

RT: 7.69 min Scan# 681

Delta R.T. -0.01 min

Lab File: BG027361.D

Acq: 10 Jun 2017 00:03

Instrument :

BNA_G

ClientSampleId :

PURGE-WATER-NRL-74

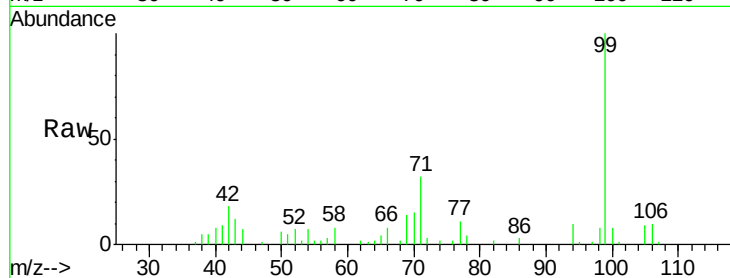
Tgt Ion: 99 Resp: 31957

Ion Ratio Lower Upper

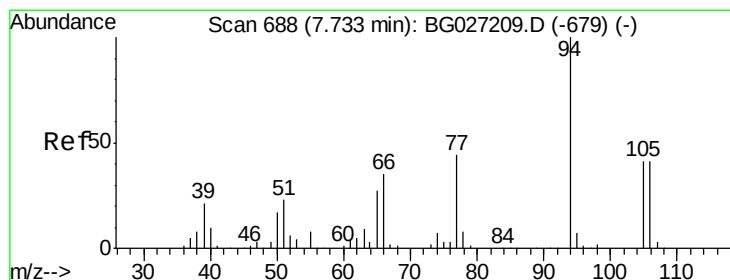
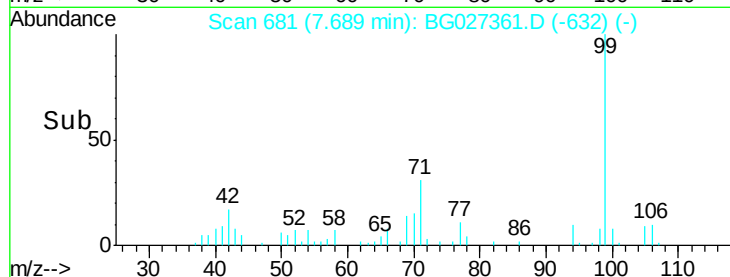
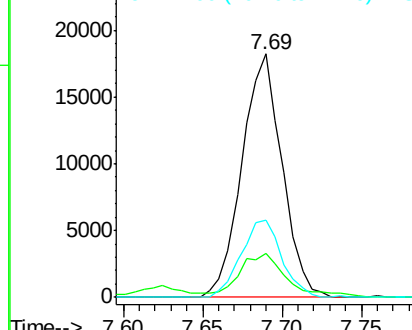
99 100

42 18.3 20.5 30.7#

71 31.8 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



#10

Phenol

Concen: 5.854 ng

RT: 7.71 min Scan# 685

Delta R.T. -0.02 min

Lab File: BG027361.D

Acq: 10 Jun 2017 00:03

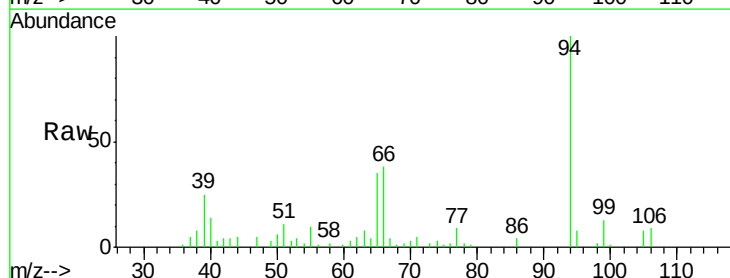
Tgt Ion: 94 Resp: 27536

Ion Ratio Lower Upper

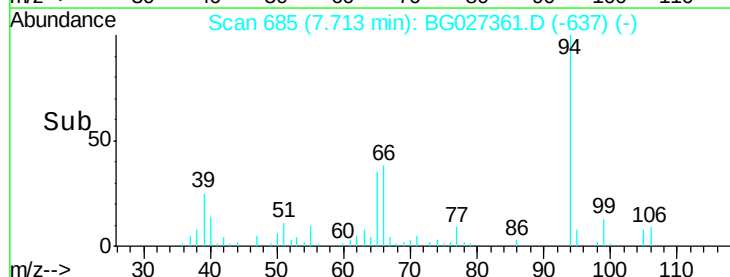
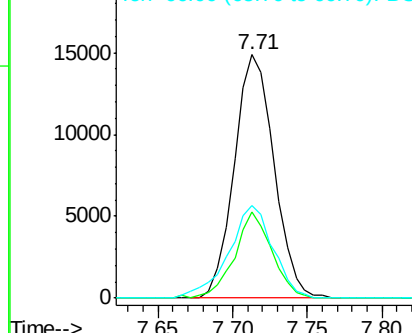
94 100

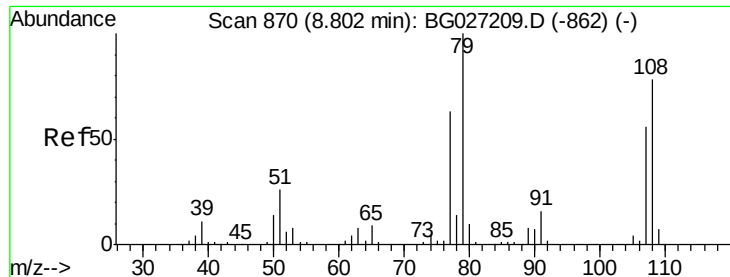
65 35.4 20.6 60.6

66 37.8 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: 2.529 ng

RT: 8.78 min Scan# 866

Delta R.T. -0.03 min

Lab File: BG027361.D

Acq: 10 Jun 2017 00:03

Instrument :

BNA_G

ClientSampleId :

PURGE-WATER-NRL-74

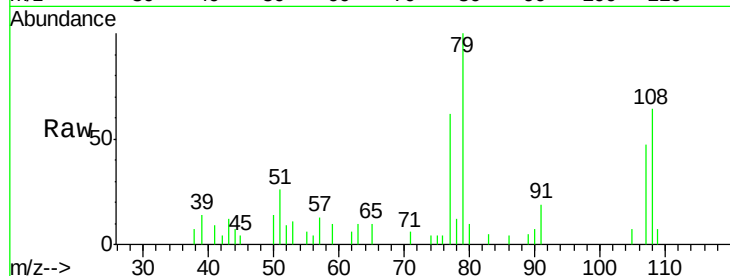
Tgt Ion: 79 Resp: 8197

Ion Ratio Lower Upper

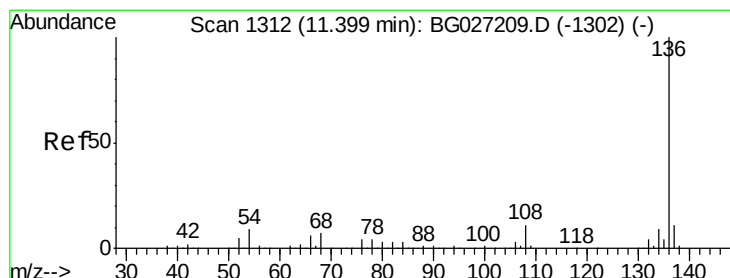
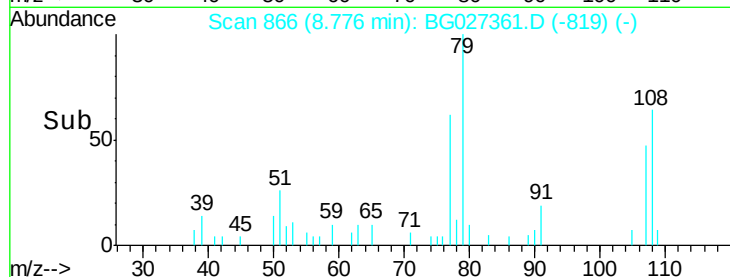
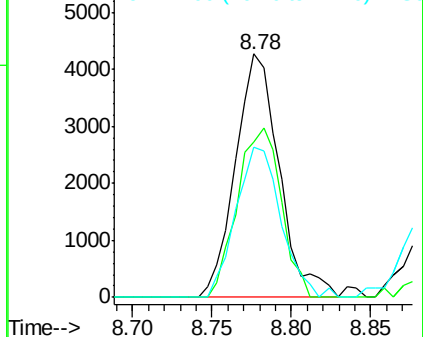
79 100

108 64.0 45.5 68.3

77 61.5 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. -0.03 min

Lab File: BG027361.D

Acq: 10 Jun 2017 00:03

Tgt Ion: 136 Resp: 220618

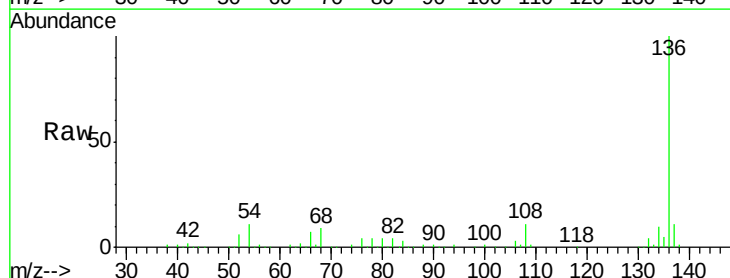
Ion Ratio Lower Upper

136 100

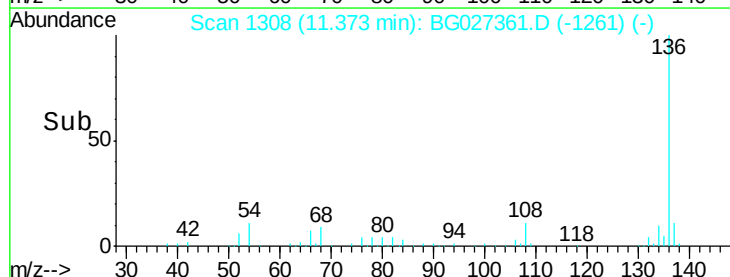
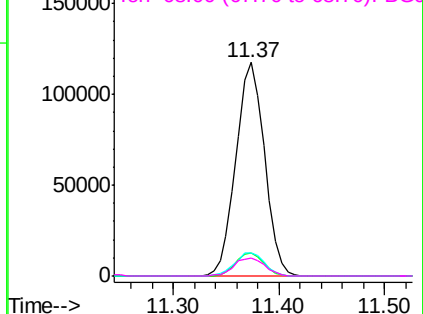
137 10.8 8.9 13.3

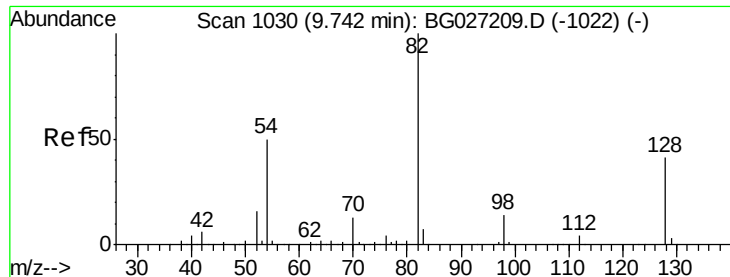
54 10.5 9.3 13.9

68 8.7 5.1 7.7#



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

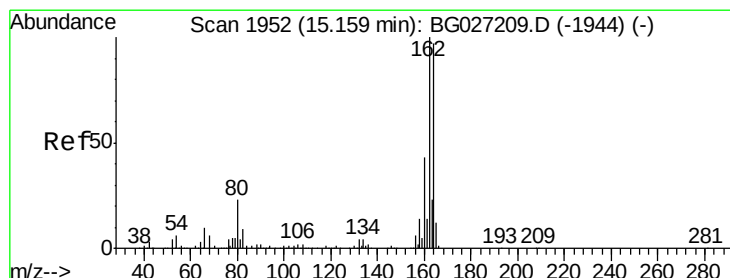
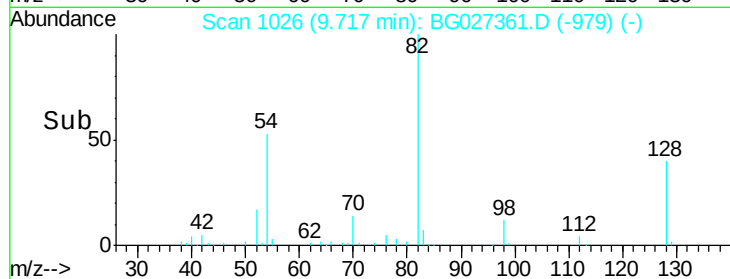
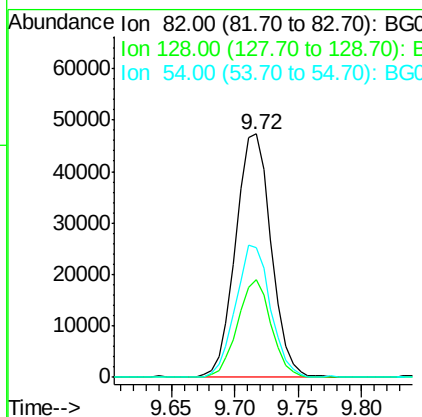
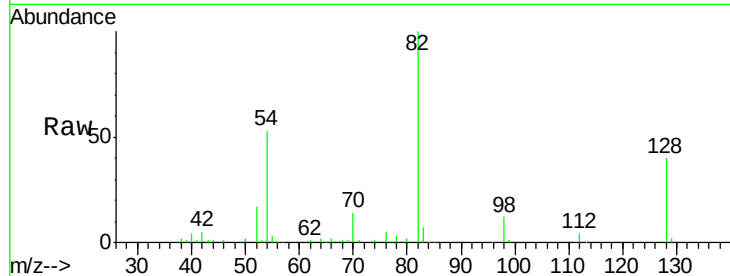




#23
 Nitrobenzene-d5
 Concen: 26.267 ng
 RT: 9.72 min Scan# 1026
 Delta R.T. -0.03 min
 Lab File: BG027361.D
 Acq: 10 Jun 2017 00:03

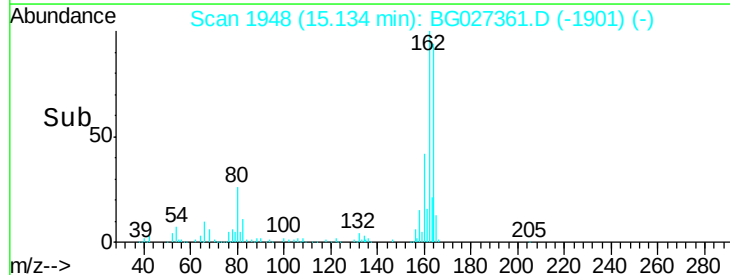
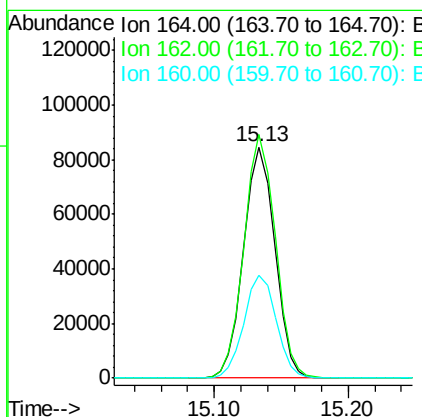
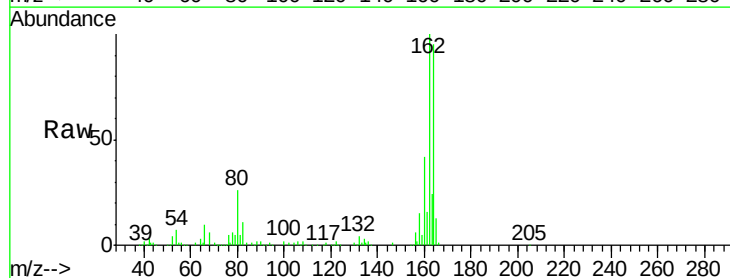
Instrument :
 BNA_G
 ClientSampleId :
 PURGE-WATER-NRL-74

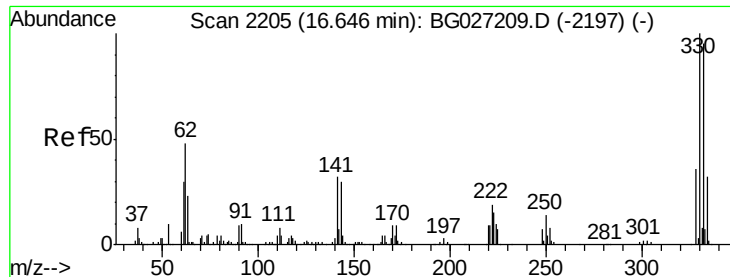
Tgt Ion: 82 Resp: 92144
 Ion Ratio Lower Upper
 82 100
 128 40.1 26.4 39.6#
 54 53.0 49.4 74.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.13 min Scan# 1948
 Delta R.T. -0.03 min
 Lab File: BG027361.D
 Acq: 10 Jun 2017 00:03

Tgt Ion: 164 Resp: 137468
 Ion Ratio Lower Upper
 164 100
 162 105.5 85.1 127.7
 160 44.6 34.7 52.1

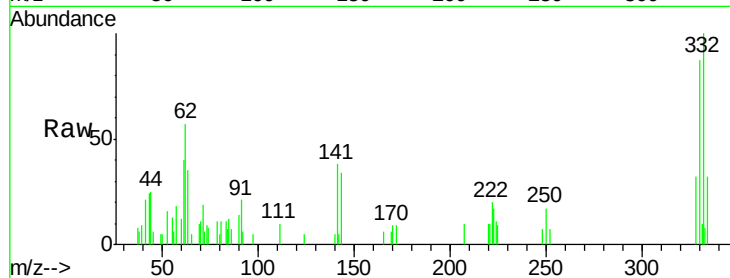




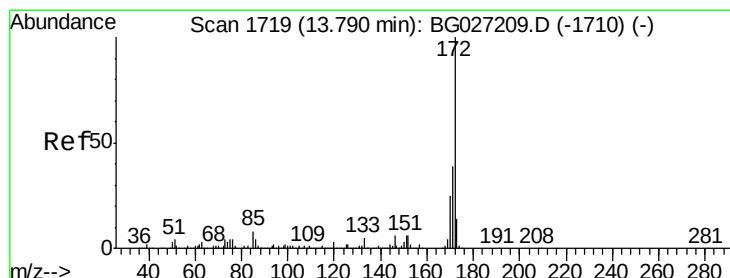
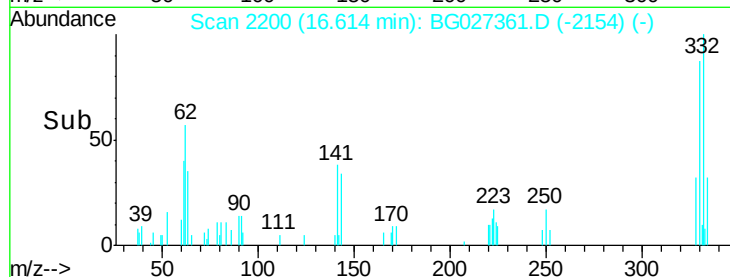
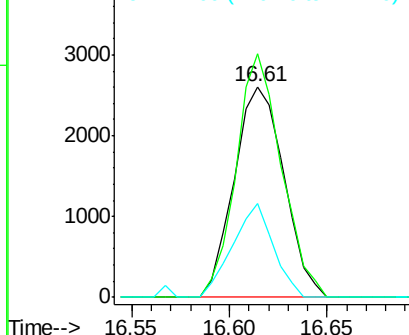
#41
 2,4,6-Tribromophenol
 Concen: 2.538 ng
 RT: 16.61 min Scan# 2200
 Delta R.T. -0.03 min
 Lab File: BG027361.D
 Acq: 10 Jun 2017 00:03

Instrument :
 BNA_G
 ClientSampleId :
 PURGE-WATER-NRL-74

Tgt Ion: 330 Resp: 4594
 Ion Ratio Lower Upper
 330 100
 332 104.9 77.3 115.9
 141 36.4 32.1 48.1

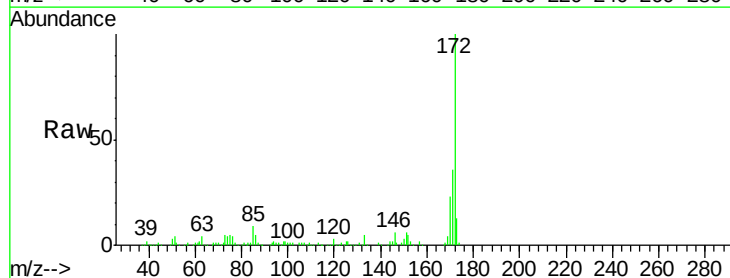


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

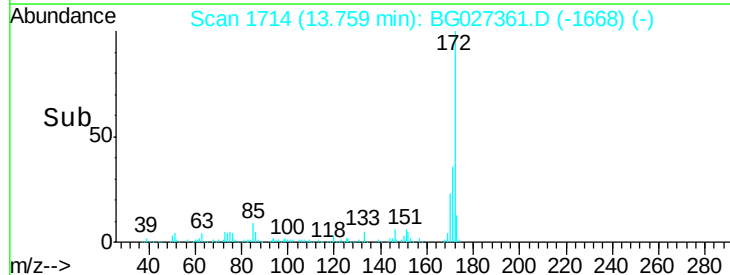
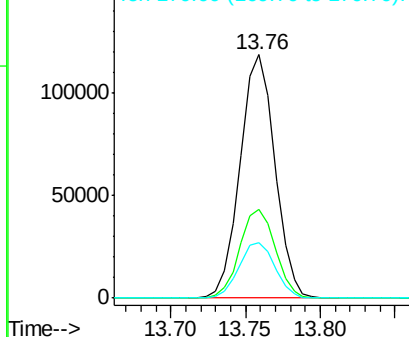


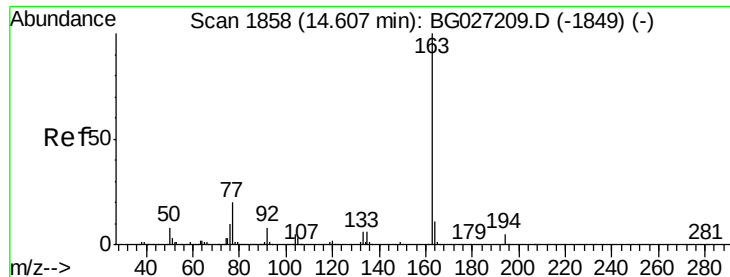
#44
 2-Fluorobiphenyl
 Concen: 19.473 ng
 RT: 13.76 min Scan# 1714
 Delta R.T. -0.03 min
 Lab File: BG027361.D
 Acq: 10 Jun 2017 00:03

Tgt Ion: 172 Resp: 191347
 Ion Ratio Lower Upper
 172 100
 171 36.3 32.2 48.2
 170 22.8 21.8 32.6



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





#49

Dimethylphthalate

Concen: 7.401 ng

RT: 14.56 min Scan# 1851

Delta R.T. -0.04 min

Lab File: BG027361.D

Acq: 10 Jun 2017 00:03

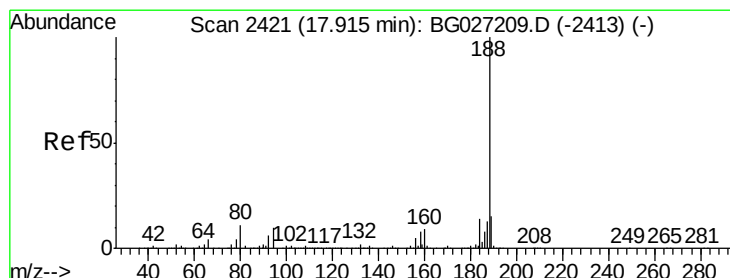
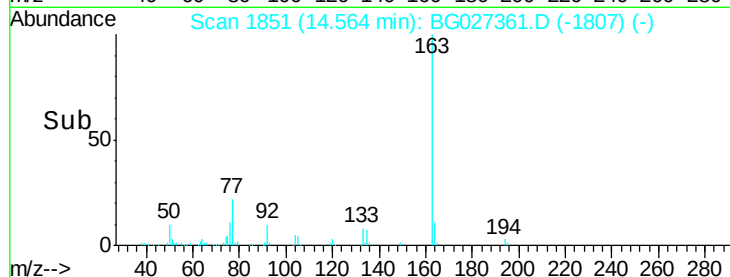
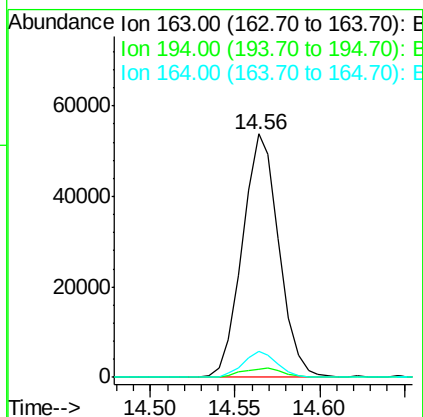
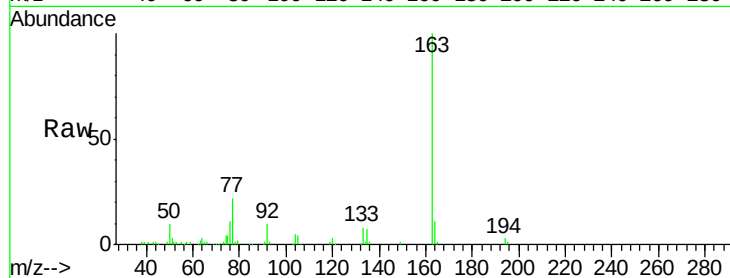
Instrument :

BNA_G

ClientSampleId :

PURGE-WATER-NRL-74

Tgt Ion:	163	Resp:	80705
Ion Ratio	Lower	Upper	
163	100		
194	3.3	3.8	5.6#
164	10.9	9.3	13.9



#63

Phenanthrene-d10

Concen: 20.000 ng

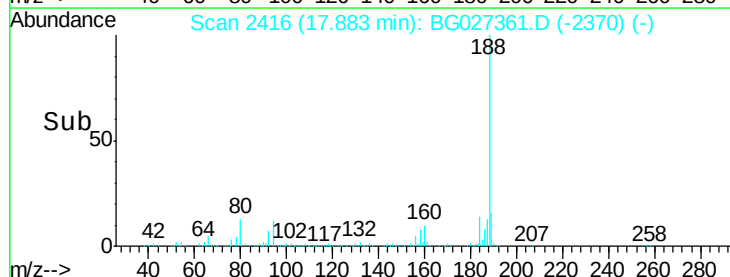
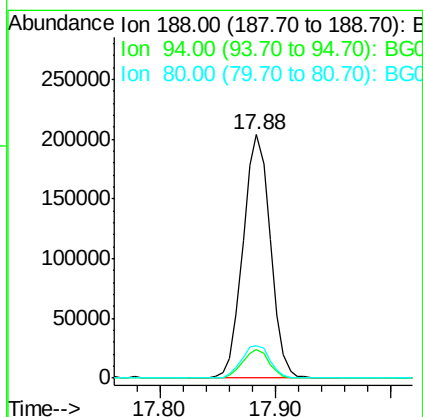
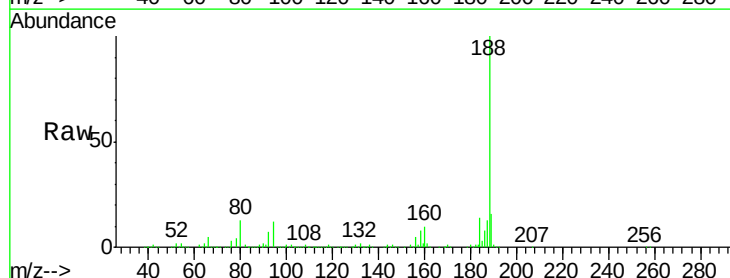
RT: 17.88 min Scan# 2416

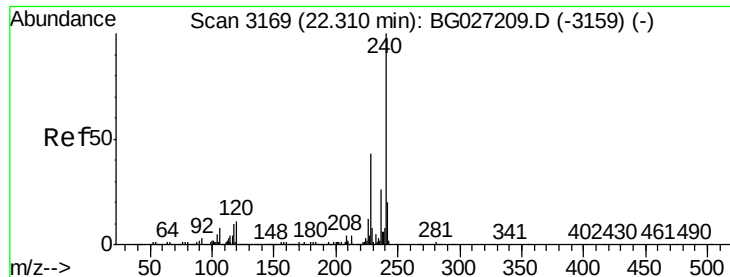
Delta R.T. -0.03 min

Lab File: BG027361.D

Acq: 10 Jun 2017 00:03

Tgt Ion:	188	Resp:	335283
Ion Ratio	Lower	Upper	
188	100		
94	11.5	5.8	8.8#
80	13.4	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: BG027361.D

Acq: 10 Jun 2017 00:03

Instrument :

BNA_G

ClientSampleId :

PURGE-WATER-NRL-74

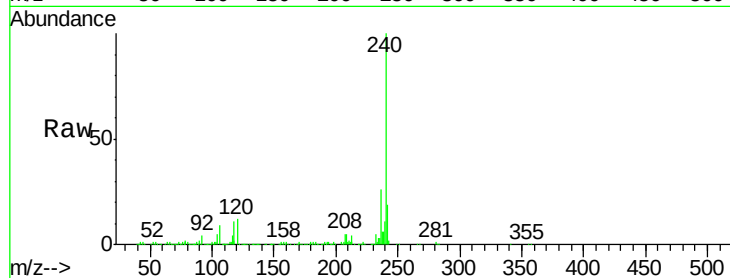
Tgt Ion:240 Resp: 389945

Ion Ratio Lower Upper

240 100

120 12.0 5.7 8.5#

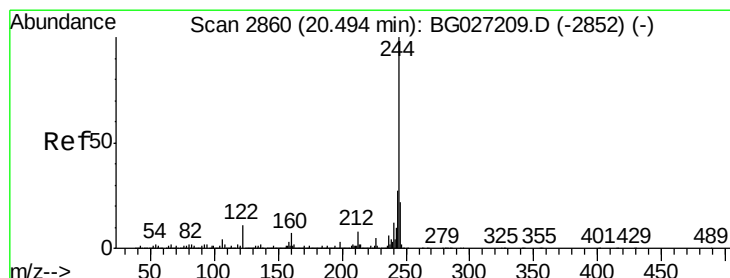
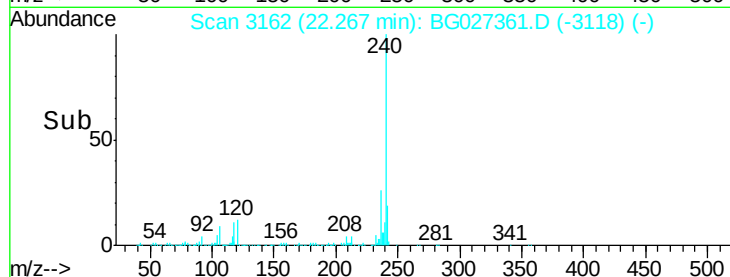
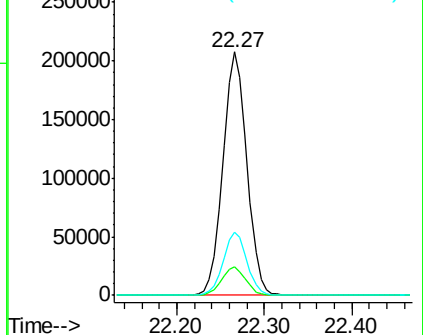
236 26.0 22.2 33.4



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



#78

Terphenyl-d14

Concen: 13.732 ng

RT: 20.46 min Scan# 2854

Delta R.T. -0.04 min

Lab File: BG027361.D

Acq: 10 Jun 2017 00:03

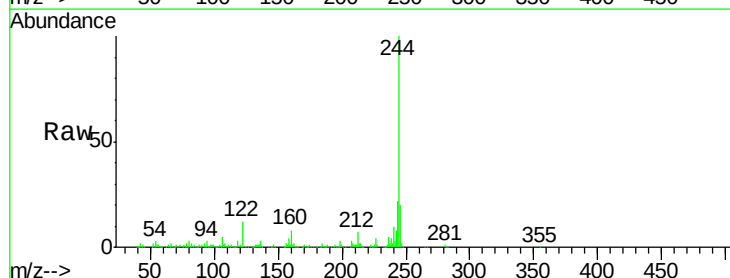
Tgt Ion:244 Resp: 209899

Ion Ratio Lower Upper

244 100

212 7.1 10.0 15.0#

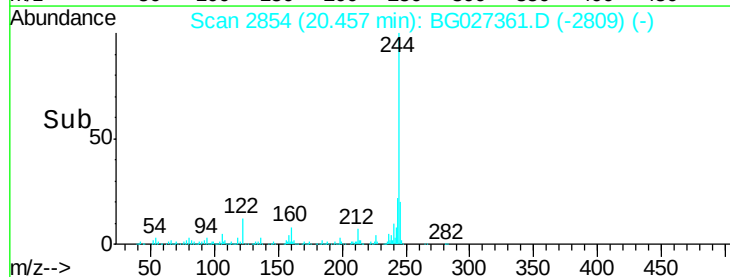
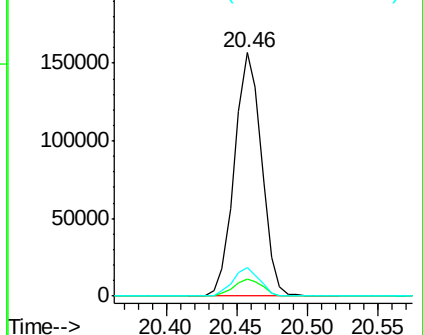
122 11.7 8.6 12.8

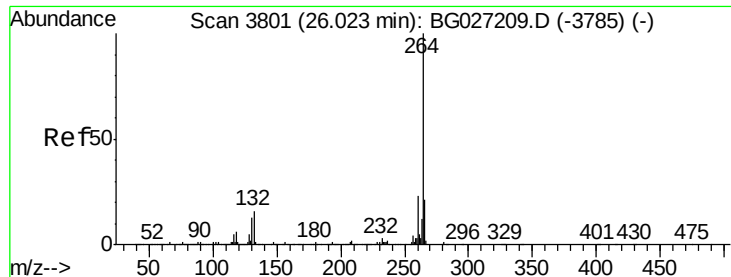


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

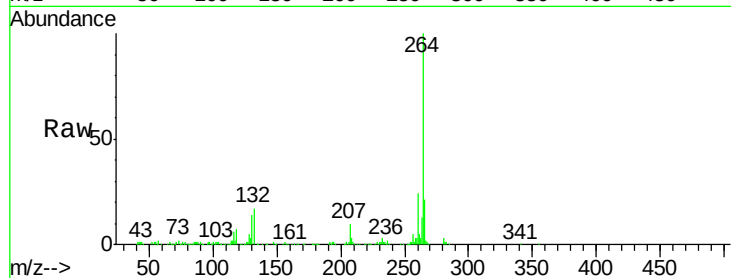




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.95 min Scan# 3789
Delta R.T. -0.07 min
Lab File: BG027361.D
Acq: 10 Jun 2017 00:03

Instrument :
BNA_G
ClientSampleId :
PURGE-WATER-NRL-74

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	21.8	32.8
265	21.4	18.2	27.4

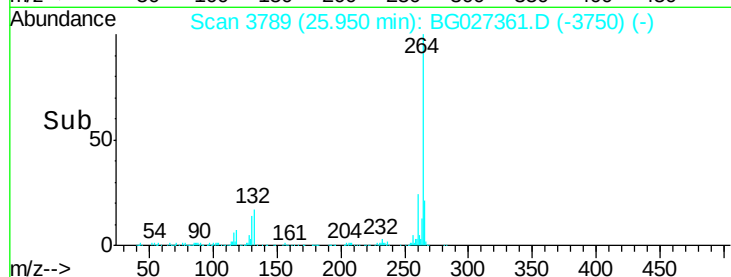
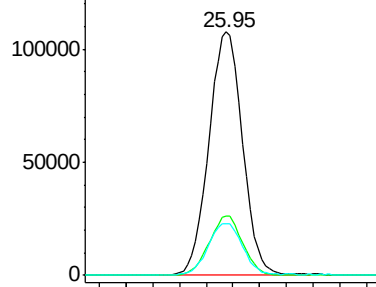


Abundance

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



Time-->