

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061017\
 Data File : BG027372.D
 Acq On : 10 Jun 2017 15:08
 Operator : SJ/MA
 Sample : I3561-03RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Jun 12 01:34:46 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

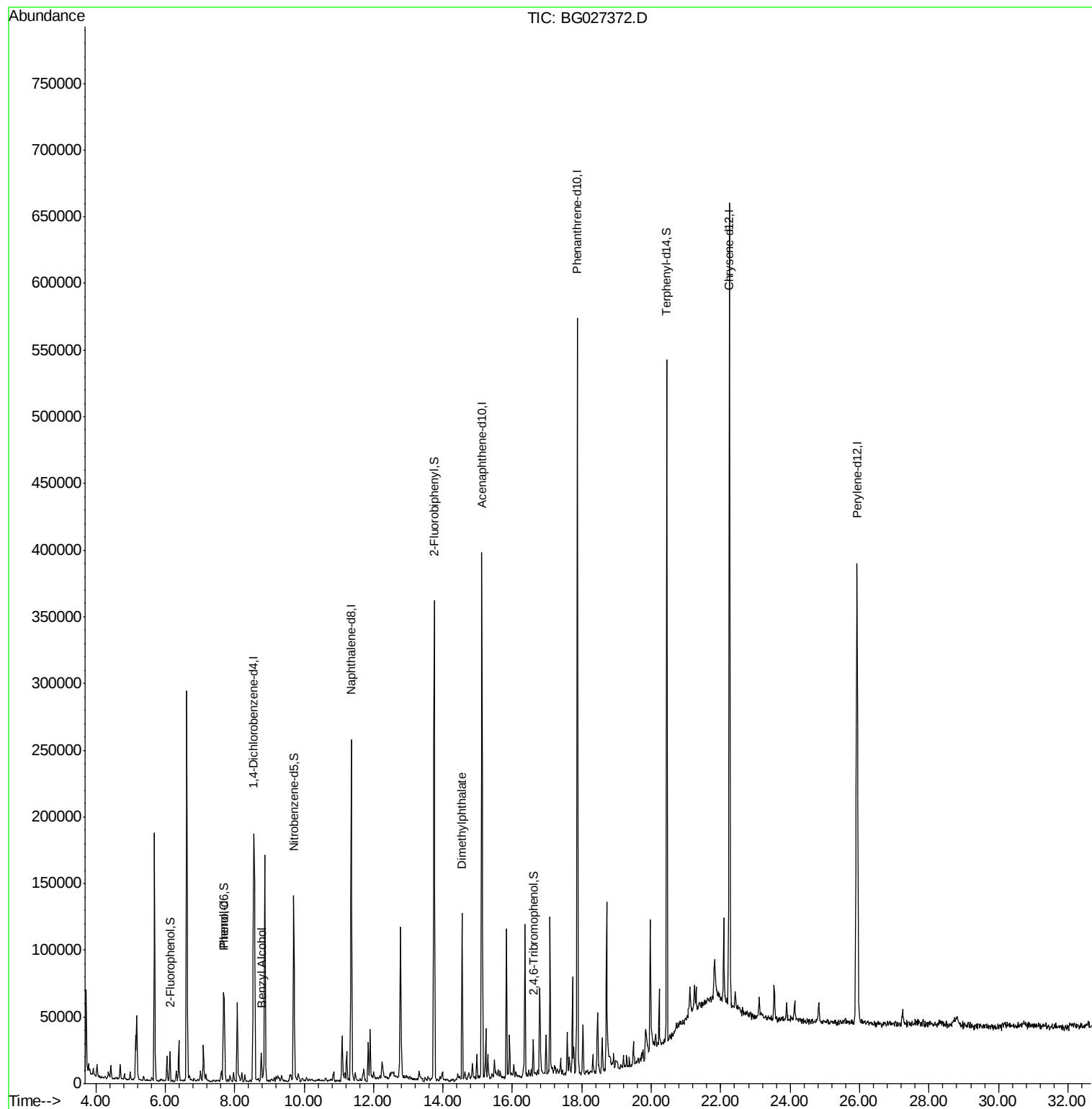
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.55	152	52878	20.00	ng	-0.03
21) Naphthalene-d8	11.36	136	229153	20.00	ng	-0.04
38) Acenaphthene-d10	15.12	164	134697	20.00	ng	-0.04
63) Phenanthrene-d10	17.87	188	344284	20.00	ng	-0.04
75) Chrysene-d12	22.25	240	410792	20.00	ng	-0.06
86) Perylene-d12	25.93	264	397055	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	9829	2.84	ng	-0.02
7) Phenol-d6	7.68	99	33564	6.60	ng	-0.03
23) Nitrobenzene-d5	9.70	82	92499	25.39	ng	-0.04
41) 2,4,6-Tribromophenol	16.60	330	4993	2.81	ng	-0.04
44) 2-Fluorobiphenyl	13.75	172	192599	20.00	ng	-0.04
78) Terphenyl-d14	20.44	244	222767	13.83	ng	-0.05
Target Compounds						
10) Phenol	7.70	94	28372	5.454	ng	Qvalue # 77
15) Benzyl Alcohol	8.77	79	7746	2.161	ng	90
49) Dimethylphthalate	14.55	163	80508	7.535	ng	98

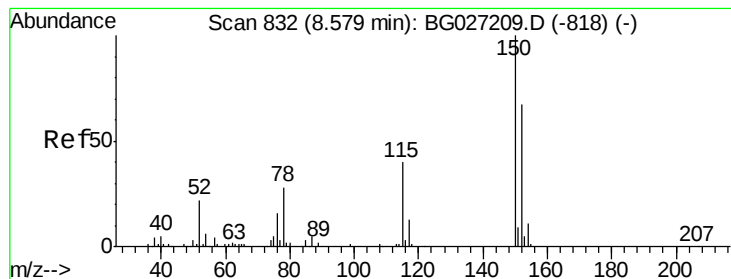
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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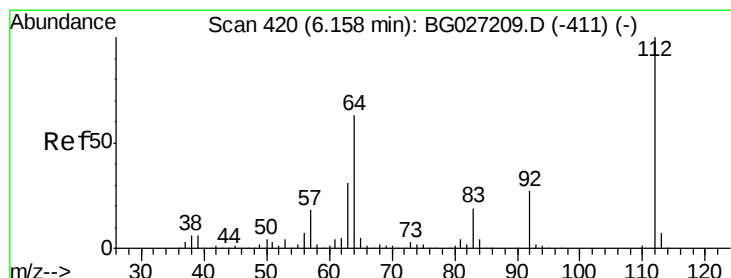
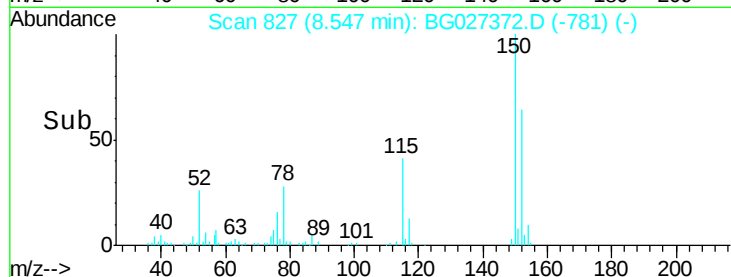
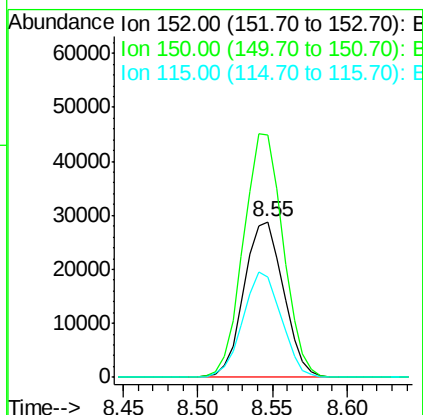
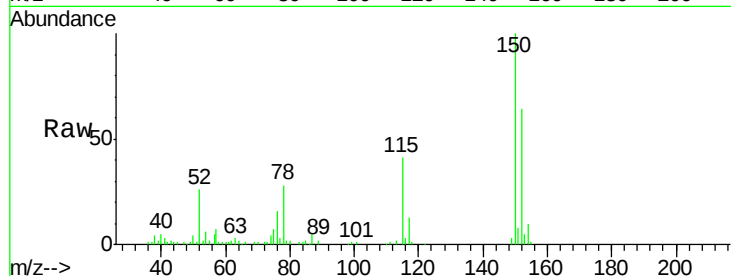


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.55 min Scan# 827
Delta R.T. -0.03 min
Lab File: BG027372.D
Acq: 10 Jun 2017 15:08

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

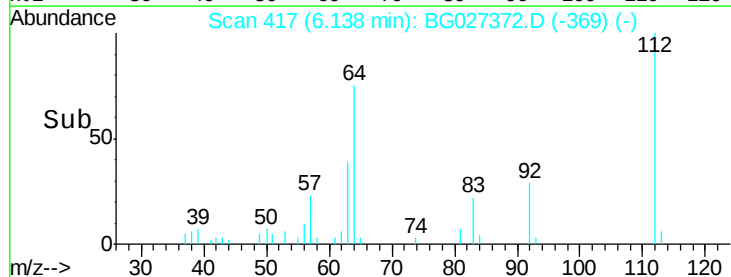
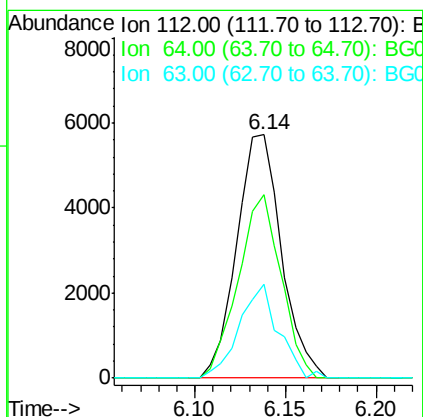
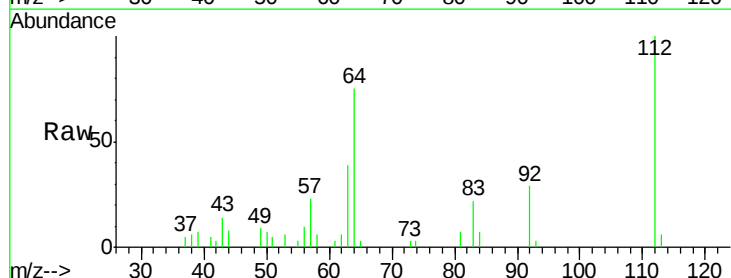
Tgt Ion:152 Resp: 52878
Ion Ratio Lower Upper
152 100
150 155.6 114.0 171.0
115 64.4 48.1 72.1

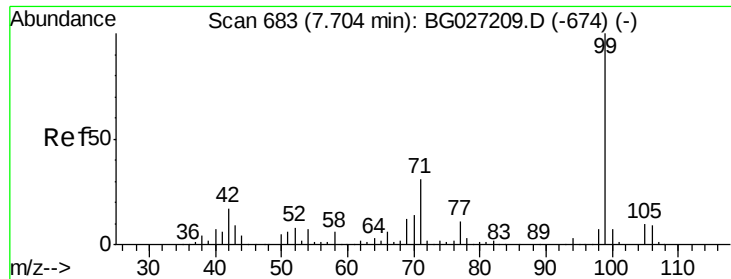


#5

2-Fluorophenol
Concen: 2.836 ng
RT: 6.14 min Scan# 417
Delta R.T. -0.02 min
Lab File: BG027372.D
Acq: 10 Jun 2017 15:08

Tgt Ion:112 Resp: 9829
Ion Ratio Lower Upper
112 100
64 75.1 61.8 92.6
63 38.8 37.2 55.8





#7

Phenol-d6

Concen: 6.599 ng

RT: 7.68 min Scan# 679

Delta R.T. -0.03 min

Lab File: BG027372.D

Acq: 10 Jun 2017 15:08

Instrument :

BNA_G

ClientSampleId :

PURGE-WATER-NRL-74RE

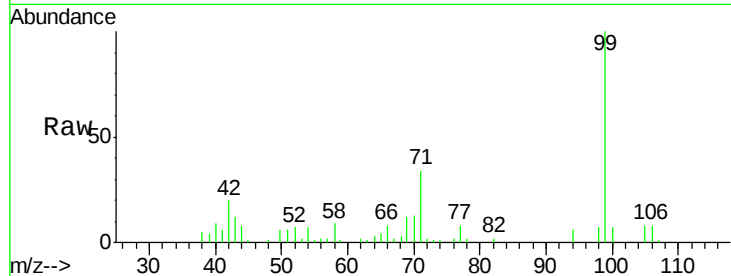
Tgt Ion: 99 Resp: 33564

Ion Ratio Lower Upper

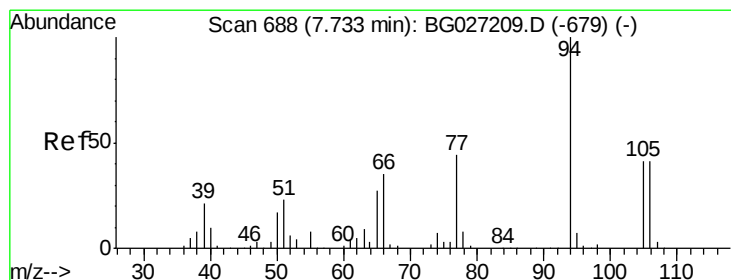
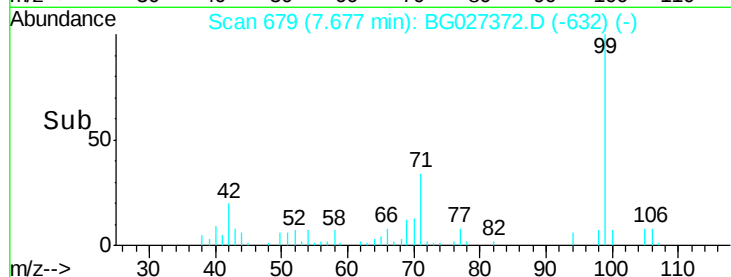
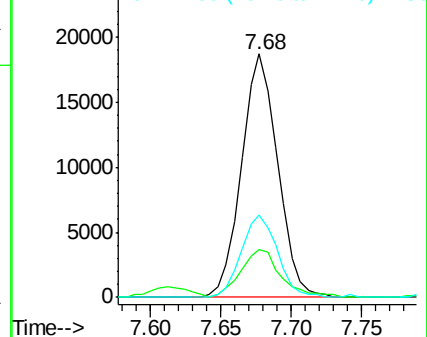
99 100

42 19.6 20.5 30.7#

71 33.7 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: 5.454 ng

RT: 7.70 min Scan# 683

Delta R.T. -0.03 min

Lab File: BG027372.D

Acq: 10 Jun 2017 15:08

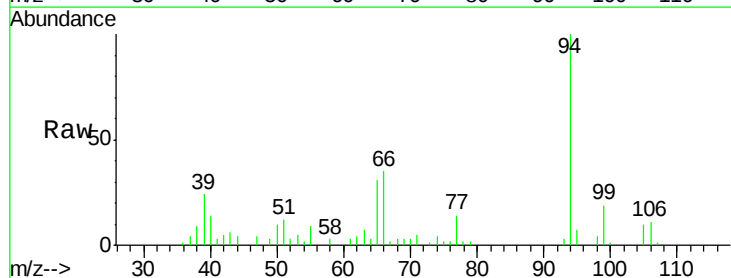
Tgt Ion: 94 Resp: 28372

Ion Ratio Lower Upper

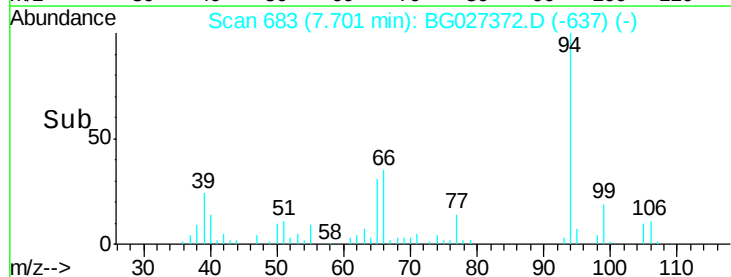
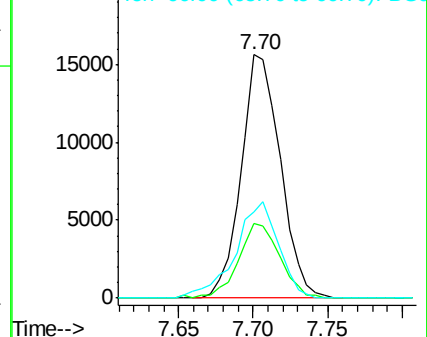
94 100

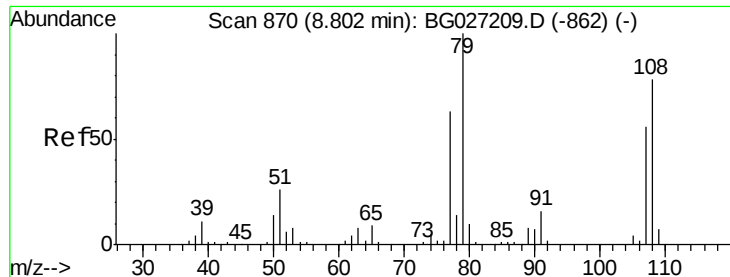
65 30.8 20.6 60.6

66 35.3 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: 2.161 ng

RT: 8.77 min Scan# 865

Delta R.T. -0.03 min

Lab File: BG027372.D

Acq: 10 Jun 2017 15:08

Instrument :

BNA_G

ClientSampleId :

PURGE-WATER-NRL-74RE

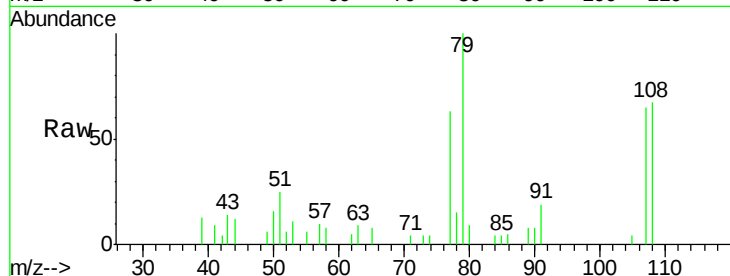
Tgt Ion: 79 Resp: 7746

Ion Ratio Lower Upper

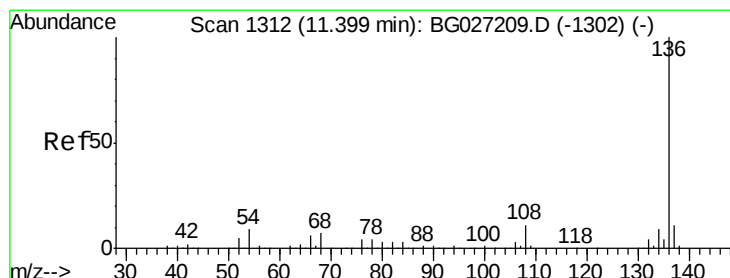
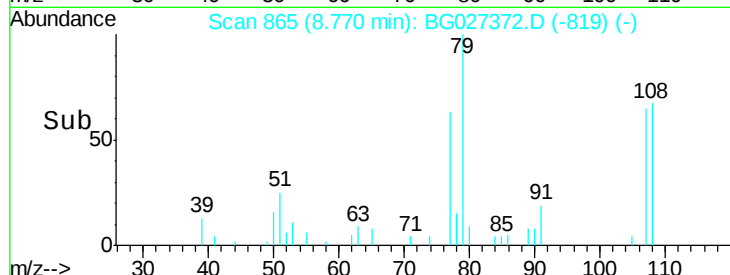
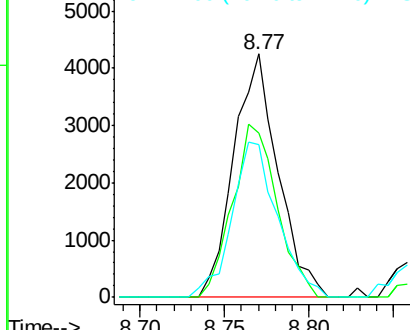
79 100

108 67.3 45.5 68.3

77 62.8 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: 11.36 min Scan# 1306

Delta R.T. -0.04 min

Lab File: BG027372.D

Acq: 10 Jun 2017 15:08

Tgt Ion: 136 Resp: 229153

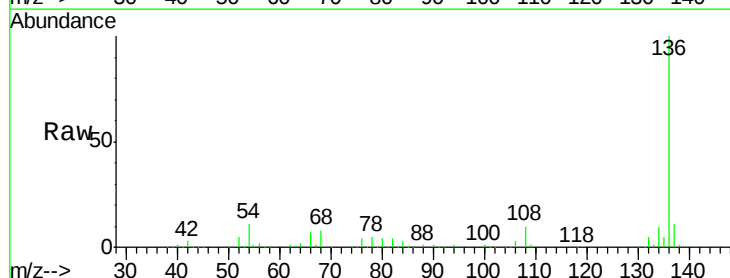
Ion Ratio Lower Upper

136 100

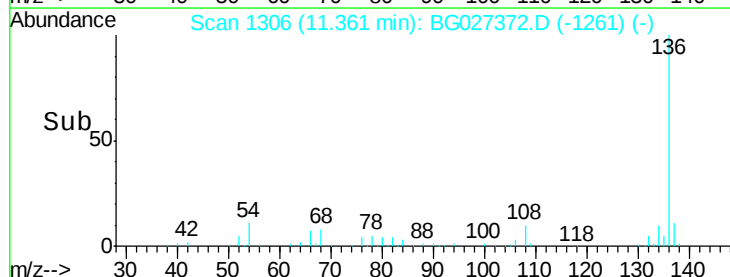
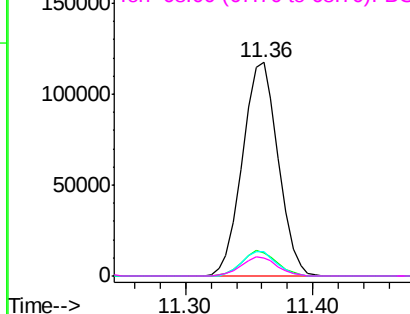
137 10.7 8.9 13.3

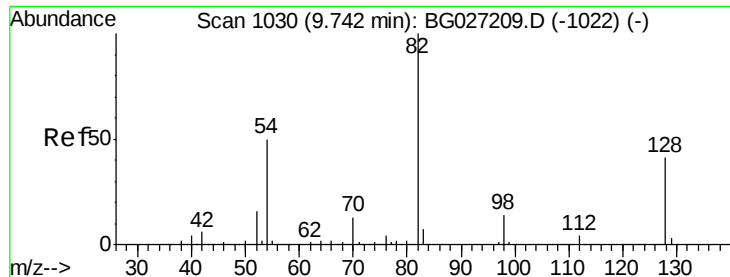
54 11.4 9.3 13.9

68 8.2 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

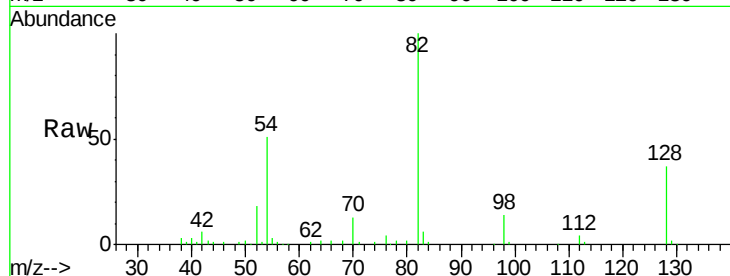




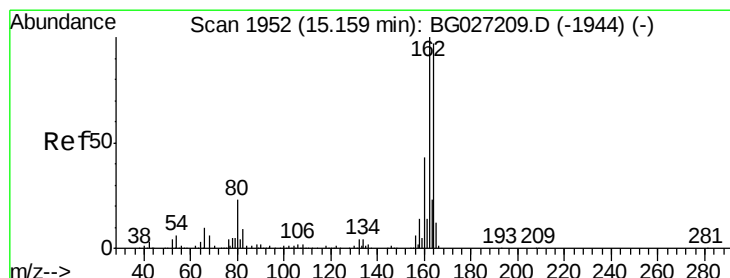
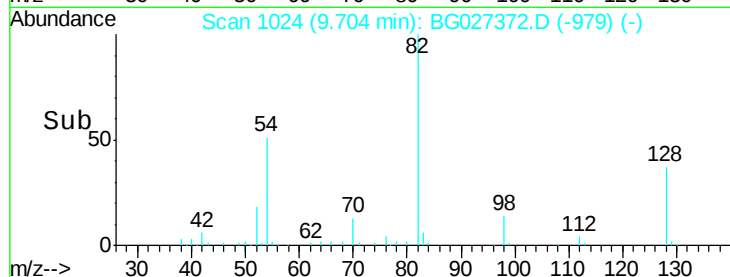
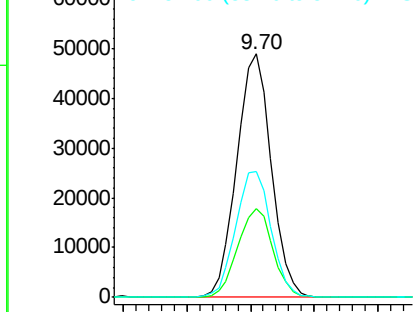
#23
 Nitrobenzene-d5
 Concen: 25.386 ng
 RT: 9.70 min Scan# 1024
 Delta R.T. -0.04 min
 Lab File: BG027372.D
 Acq: 10 Jun 2017 15:08

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

Tgt Ion: 82 Resp: 92499
 Ion Ratio Lower Upper
 82 100
 128 36.6 26.4 39.6
 54 51.5 49.4 74.2

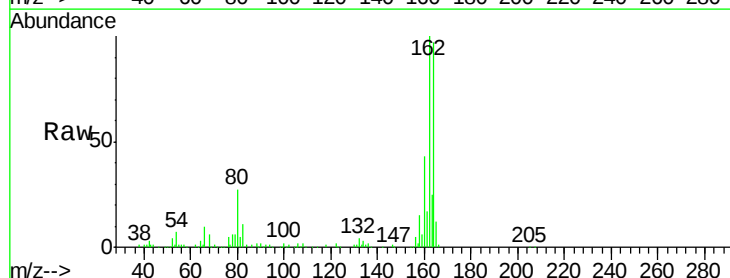


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

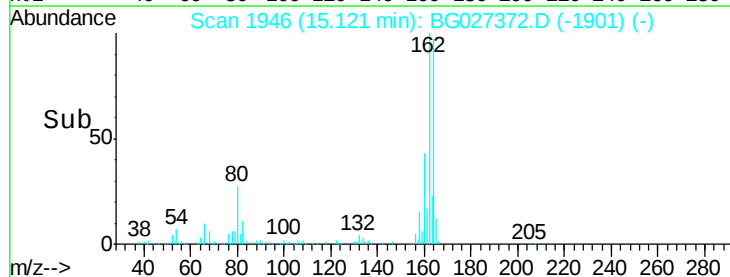
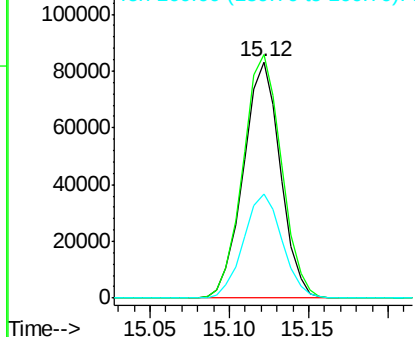


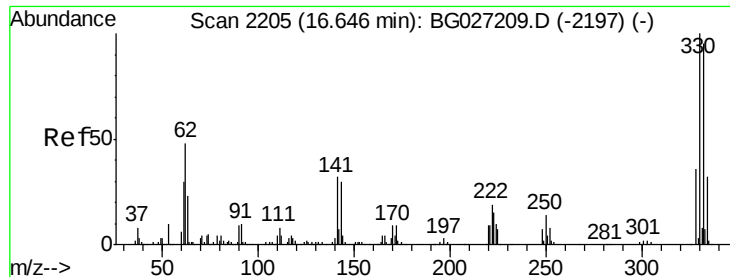
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.12 min Scan# 1946
 Delta R.T. -0.04 min
 Lab File: BG027372.D
 Acq: 10 Jun 2017 15:08

Tgt Ion: 164 Resp: 134697
 Ion Ratio Lower Upper
 164 100
 162 103.0 85.1 127.7
 160 43.9 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

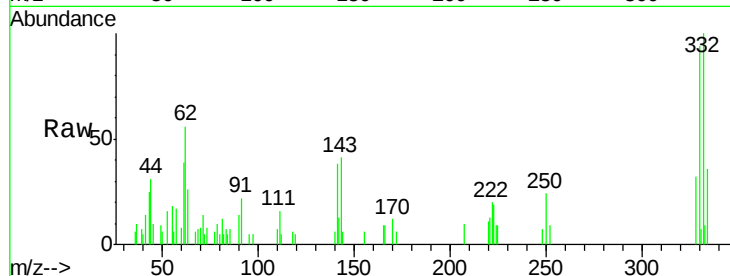




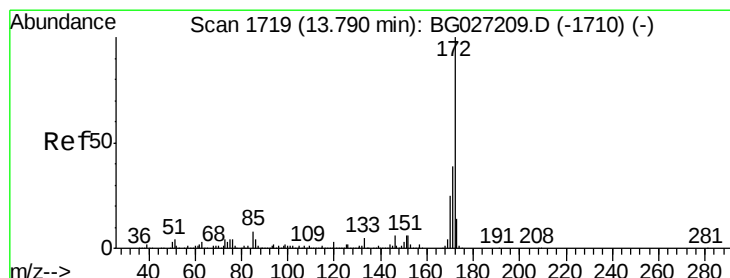
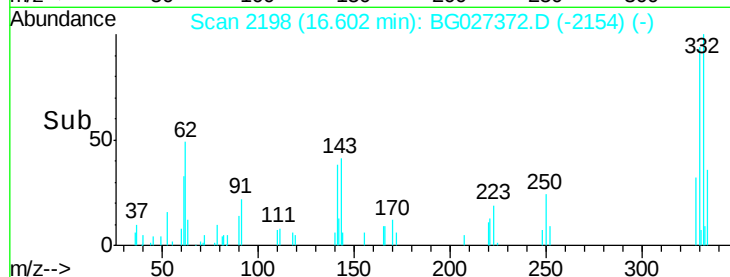
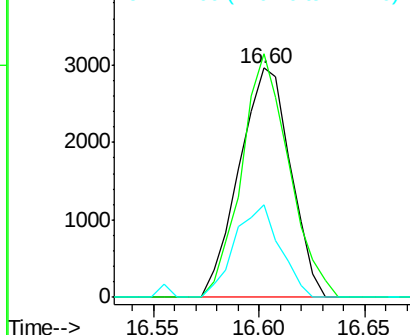
#41
 2,4,6-Tribromophenol
 Concen: 2.815 ng
 RT: 16.60 min Scan# 2198
 Delta R.T. -0.04 min
 Lab File: BG027372.D
 Acq: 10 Jun 2017 15:08

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

Tgt Ion:330 Resp: 4993
 Ion Ratio Lower Upper
 330 100
 332 98.3 77.3 115.9
 141 35.6 32.1 48.1

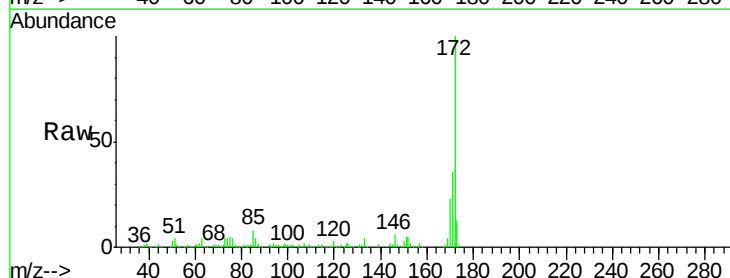


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

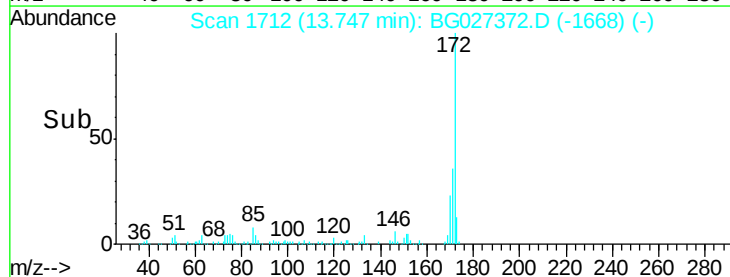
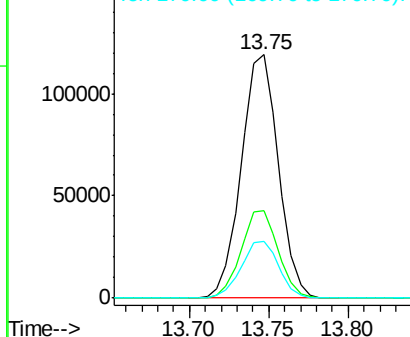


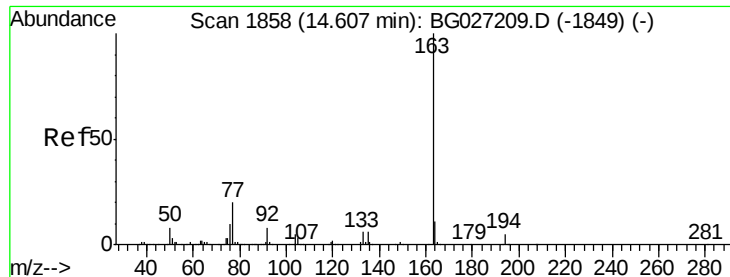
#44
 2-Fluorobiphenyl
 Concen: 20.004 ng
 RT: 13.75 min Scan# 1712
 Delta R.T. -0.04 min
 Lab File: BG027372.D
 Acq: 10 Jun 2017 15:08

Tgt Ion:172 Resp: 192599
 Ion Ratio Lower Upper
 172 100
 171 36.0 32.2 48.2
 170 23.3 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: 7.535 ng

RT: 14.55 min Scan# 1849

Delta R.T. -0.06 min

Lab File: BG027372.D

Acq: 10 Jun 2017 15:08

Instrument :

BNA_G

ClientSampleId :

PURGE-WATER-NRL-74RE

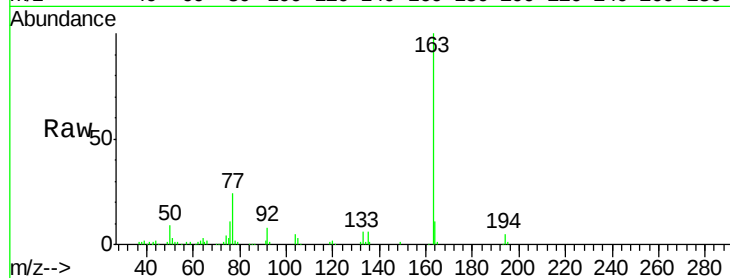
Tgt Ion:163 Resp: 80508

Ion Ratio Lower Upper

163 100

194 5.0 3.8 5.6

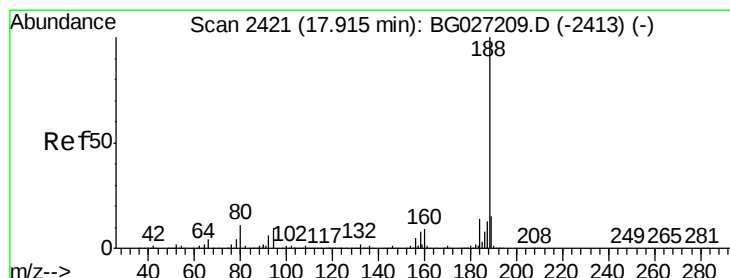
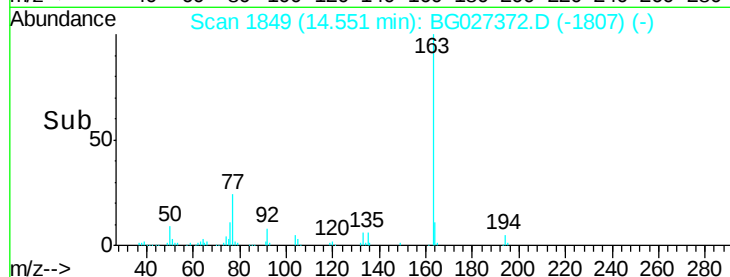
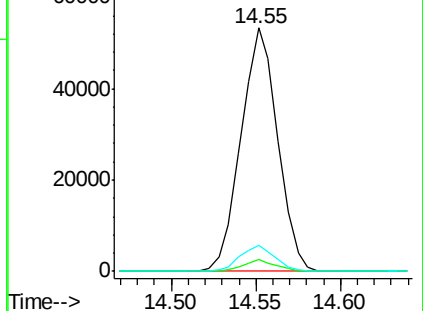
164 10.8 9.3 13.9



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.87 min Scan# 2414

Delta R.T. -0.04 min

Lab File: BG027372.D

Acq: 10 Jun 2017 15:08

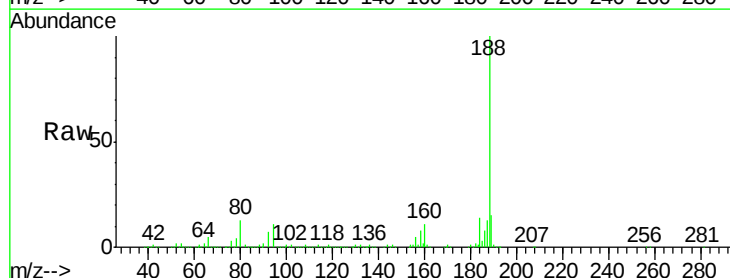
Tgt Ion:188 Resp: 344284

Ion Ratio Lower Upper

188 100

94 11.0 5.8 8.8#

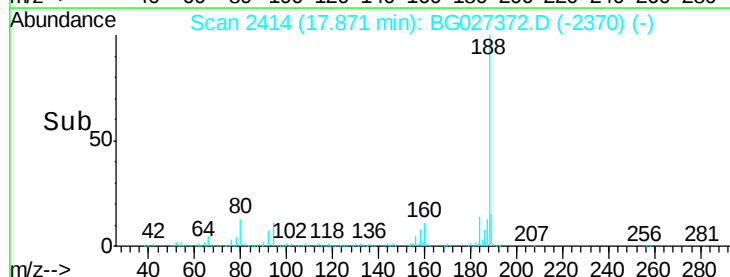
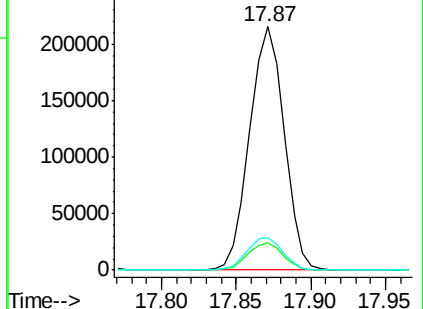
80 13.4 7.5 11.3#

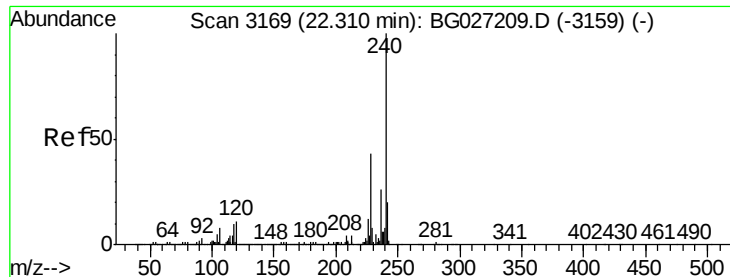


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.25 min Scan# 3160

Delta R.T. -0.06 min

Lab File: BG027372.D

Acq: 10 Jun 2017 15:08

Instrument :

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PURGE-WATER-NRL-74RE

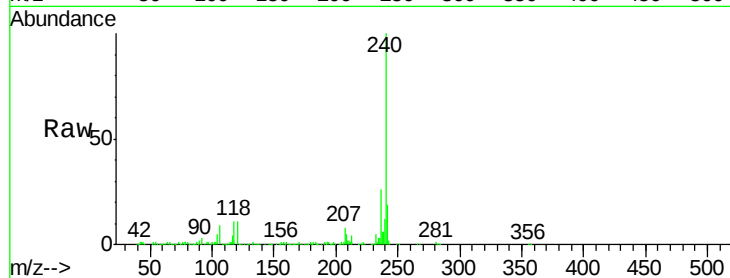
Tgt Ion:240 Resp: 410792

Ion Ratio Lower Upper

240 100

120 11.5 5.7 8.5#

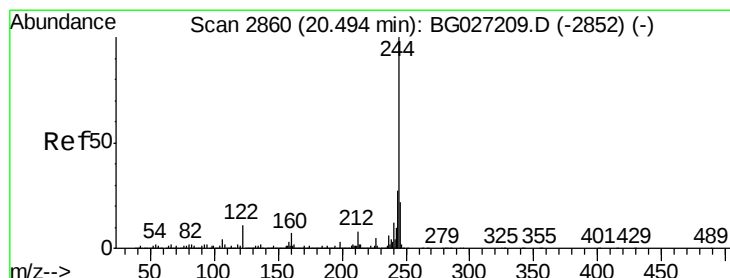
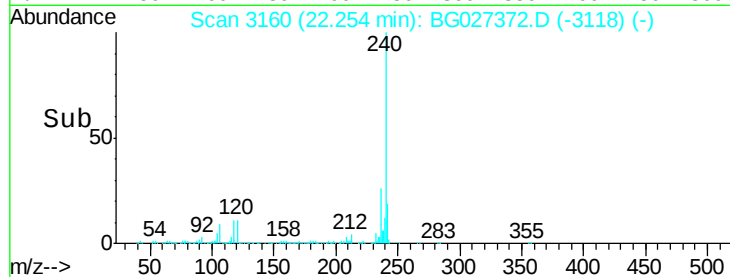
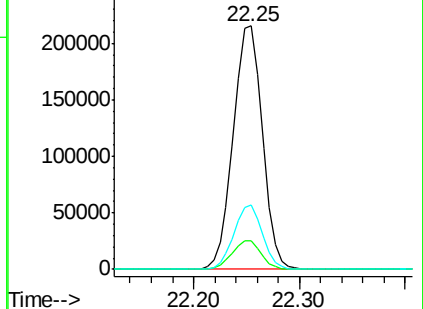
236 26.4 22.2 33.4



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: 13.834 ng

RT: 20.44 min Scan# 2852

Delta R.T. -0.05 min

Lab File: BG027372.D

Acq: 10 Jun 2017 15:08

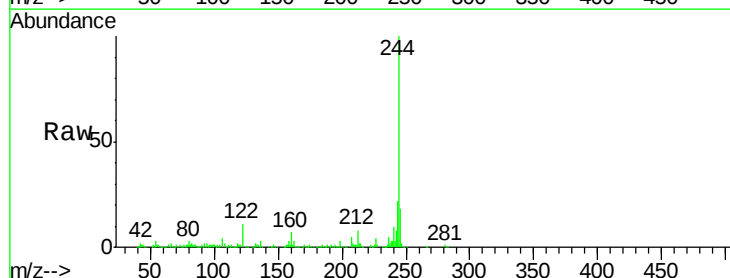
Tgt Ion:244 Resp: 222767

Ion Ratio Lower Upper

244 100

212 7.6 10.0 15.0#

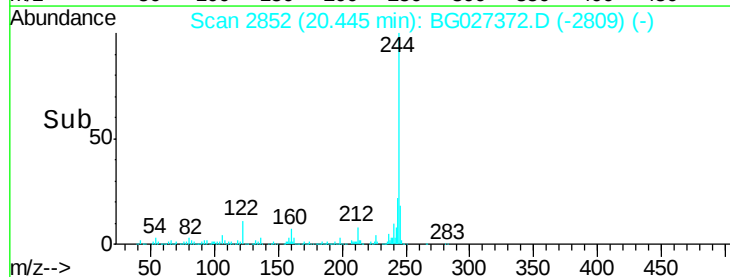
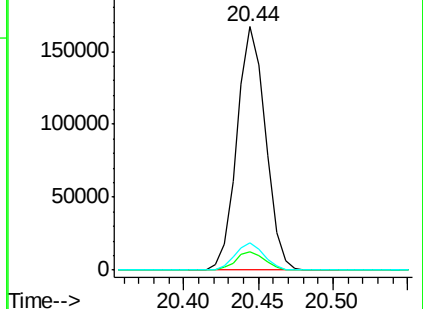
122 11.4 8.6 12.8

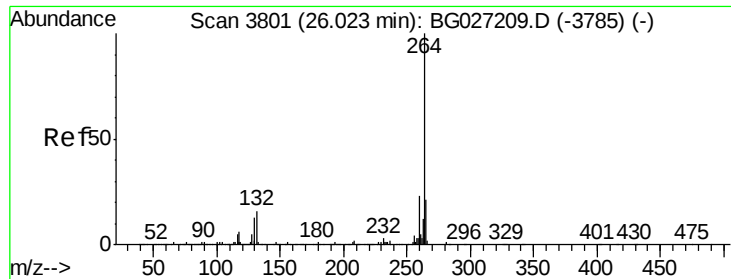


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

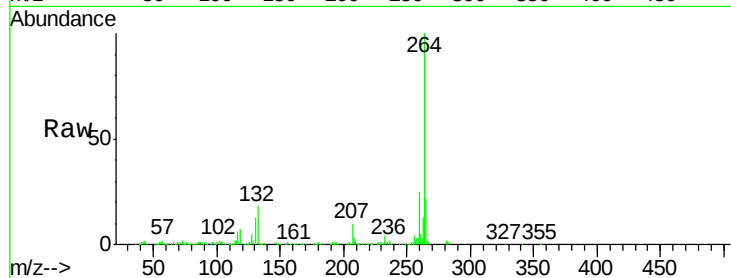




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.93 min Scan# 3785
Delta R.T. -0.10 min
Lab File: BG027372.D
Acq: 10 Jun 2017 15:08

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

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	21.8	32.8
265	21.9	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

