

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020718\
 Data File : BG032601.D
 Acq On : 7 Feb 2018 19:43
 Operator : SJ/JU
 Sample : J1461-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OIL-WATER-SEPERATOR

Quant Time: Feb 08 03:36:29 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 18:57:08 2018
 Response via : Initial Calibration

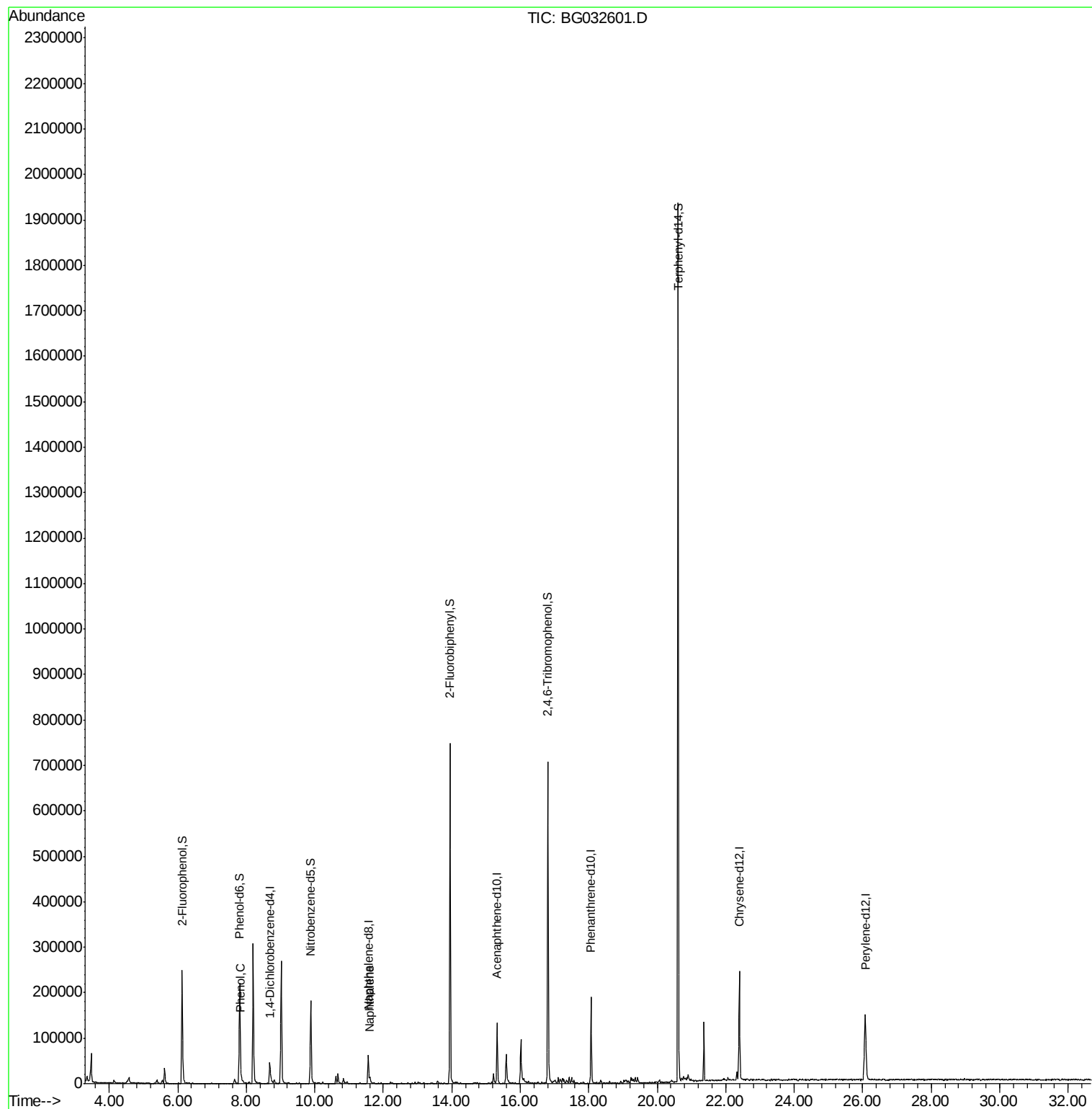
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.69	152	18313	20.00	ng	-0.02
21) Naphthalene-d8	11.56	136	71556	20.00	ng	-0.02
38) Acenaphthene-d10	15.32	164	56021	20.00	ng	-0.02
63) Phenanthrene-d10	18.07	188	144681	20.00	ng	-0.01
75) Chrysene-d12	22.40	240	186417	20.00	ng	-0.01
86) Perylene-d12	26.07	264	209623	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.13	112	136671	149.90	ng	-0.02
7) Phenol-d6	7.81	99	147866	121.54	ng	-0.02
23) Nitrobenzene-d5	9.89	82	120142	104.87	ng	-0.02
41) 2,4,6-Tribromophenol	16.81	330	183392	171.98	ng	-0.01
44) 2-Fluorobiphenyl	13.95	172	450032	95.48	ng	-0.02
78) Terphenyl-d14	20.61	244	1031344	118.51	ng	0.00
Target Compounds						
10) Phenol	7.84	94	6867	5.943	ng	Qvalue 83
31) Naphthalene	11.61	128	14395	4.119	ng	# 95

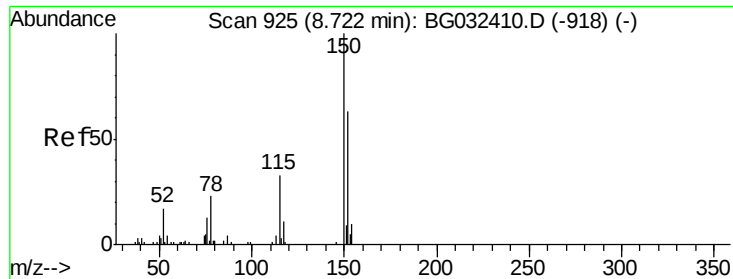
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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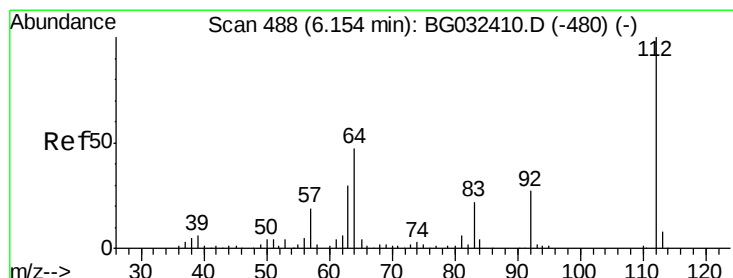
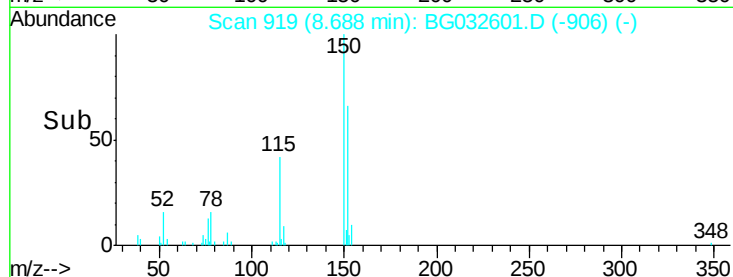
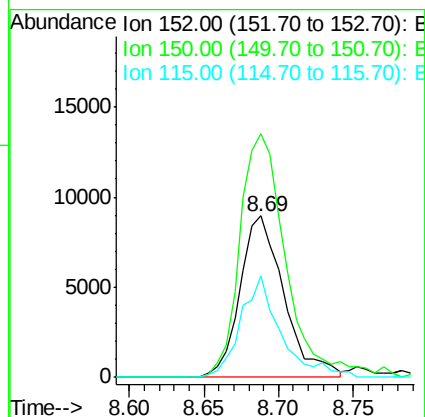
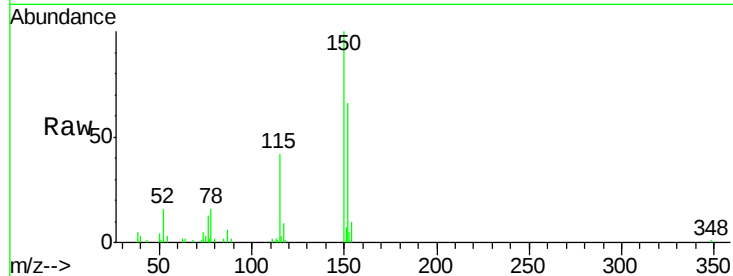


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.69 min Scan# 919
Delta R.T. -0.02 min
Lab File: BG032601.D
Acq: 7 Feb 2018 19:43

Instrument :
BNA_G
ClientSampleId :
OIL-WATER-SEPARATOR

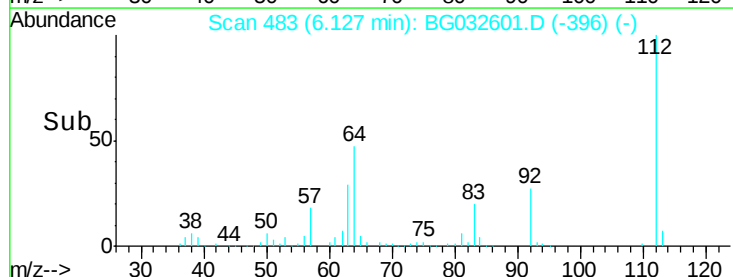
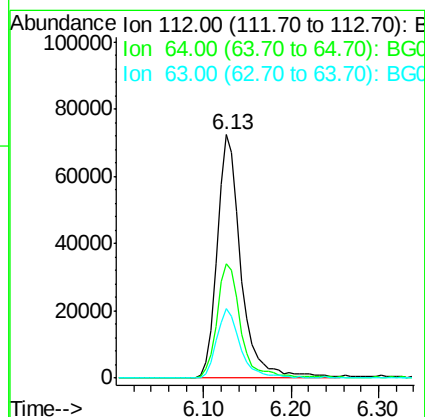
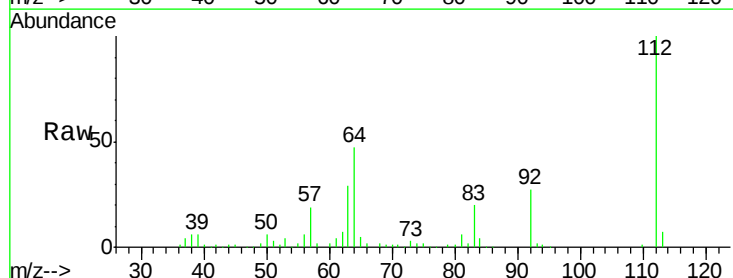
Tot Ion:152 Resp: 18313
Ion Ratio Lower Upper
152 100
150 151.1 126.6 189.8
115 62.9 53.0 79.4

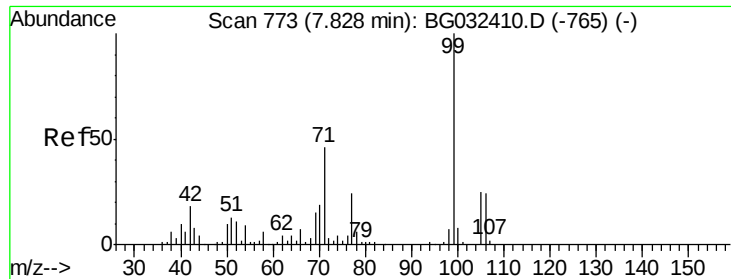


#5

2-Fluorophenol
Concen: 149.900 ng
RT: 6.13 min Scan# 483
Delta R.T. -0.02 min
Lab File: BG032601.D
Acq: 7 Feb 2018 19:43

Tgt Ion:112 Resp: 136671
Ion Ratio Lower Upper
112 100
64 46.9 56.3 84.5#
63 28.7 30.1 45.1#





#7

Phenol-d6

Concen: 121.535 ng

RT: 7.81 min Scan# 769

Delta R.T. -0.02 min

Lab File: BG032601.D

Acq: 7 Feb 2018 19:43

Instrument :

BNA_G

ClientSampleId :

OIL-WATER-SEPARATOR

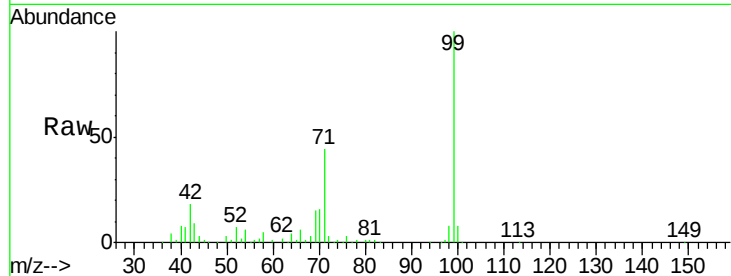
Tot Ion: 99 Resp: 147866

Ion Ratio Lower Upper

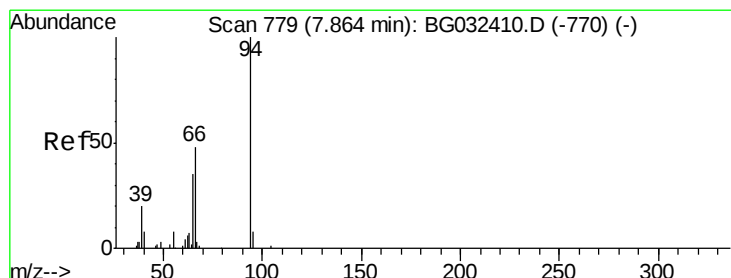
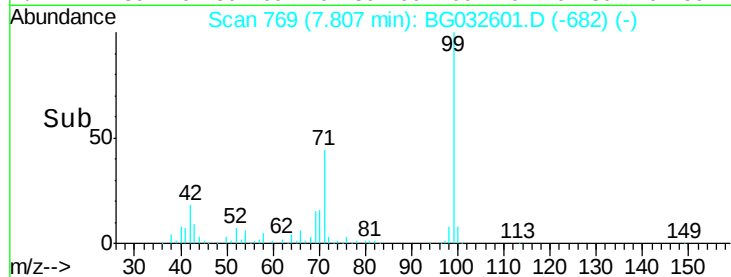
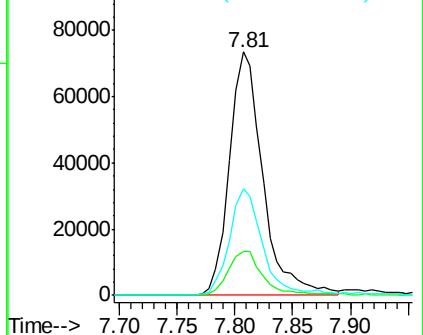
99 100

42 18.2 14.1 21.1

71 43.6 26.1 39.1#



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: 5.943 ng

RT: 7.84 min Scan# 774

Delta R.T. -0.02 min

Lab File: BG032601.D

Acq: 7 Feb 2018 19:43

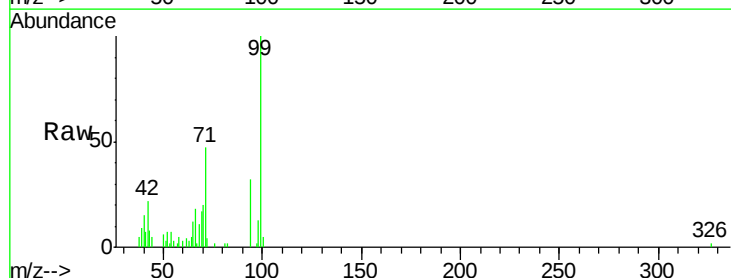
Tgt Ion: 94 Resp: 6867

Ion Ratio Lower Upper

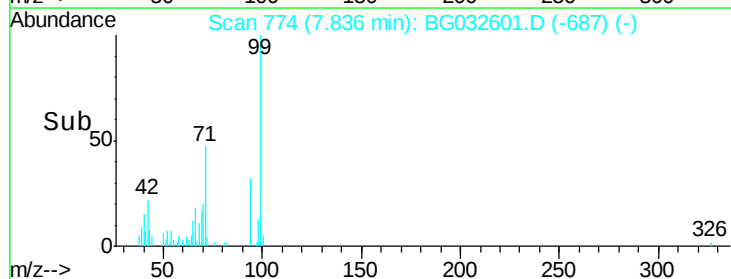
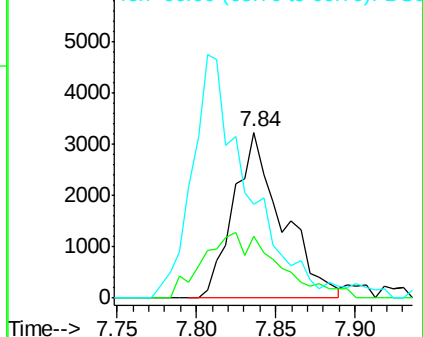
94 100

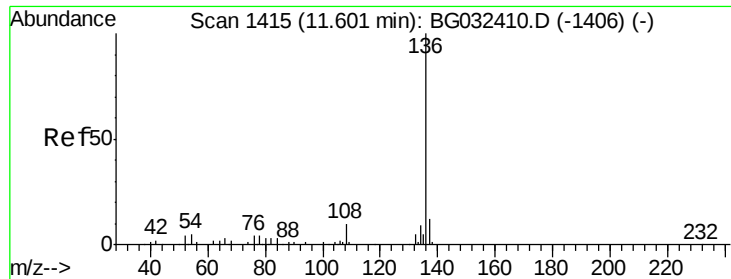
65 37.1 11.9 51.9

66 56.6 22.2 62.2



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.56 min Scan# 1408

Delta R.T. -0.02 min

Lab File: BG032601.D

Acq: 7 Feb 2018 19:43

Instrument :

BNA_G

ClientSampleId :

OIL-WATER-SEPARATOR

Tot Ion:136 Resp: 71556

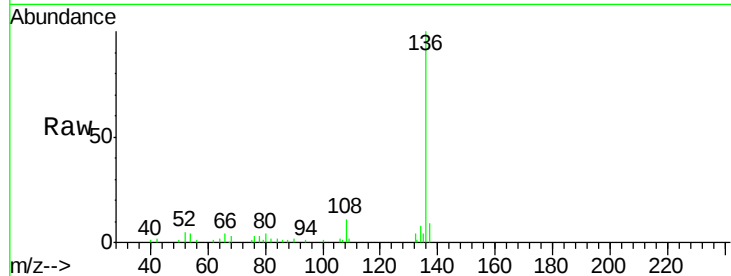
Ion Ratio Lower Upper

136 100

137 9.4 9.2 13.8

54 4.1 10.3 15.5#

68 2.7 4.5 6.7#

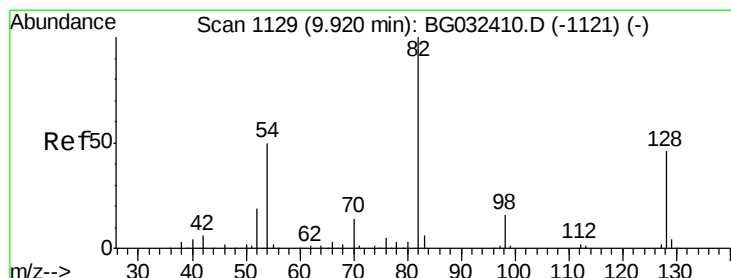
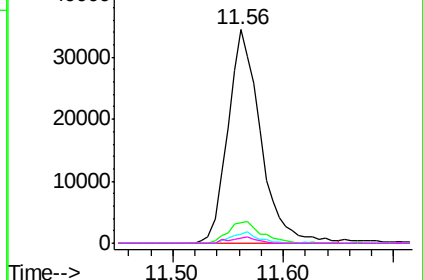
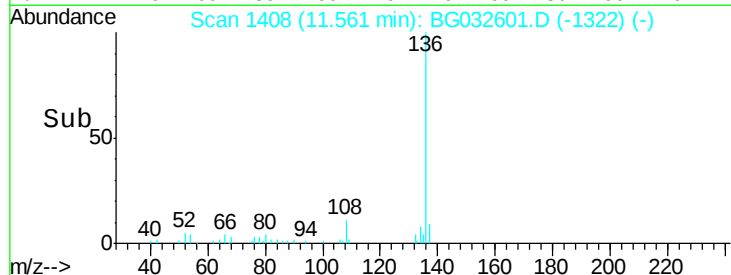


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 104.871 ng

RT: 9.89 min Scan# 1123

Delta R.T. -0.02 min

Lab File: BG032601.D

Acq: 7 Feb 2018 19:43

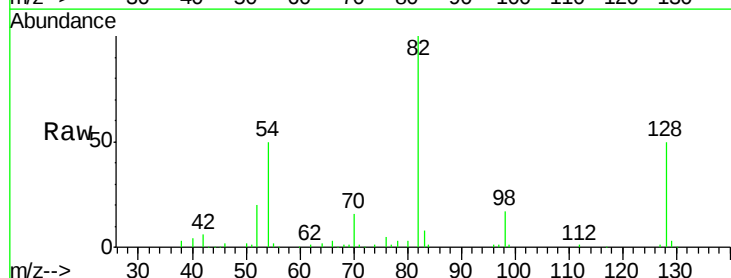
Tgt Ion: 82 Resp: 120142

Ion Ratio Lower Upper

82 100

128 50.2 29.7 44.5#

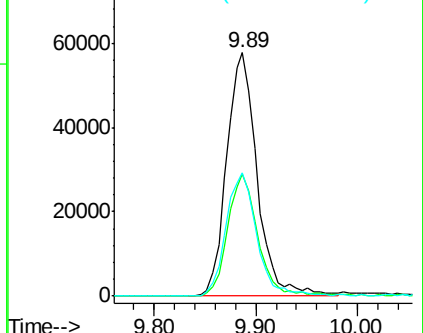
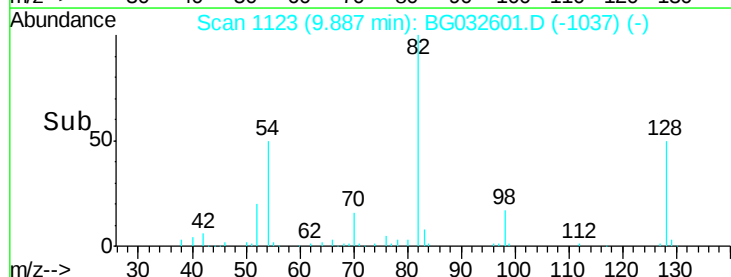
54 50.5 43.1 64.7

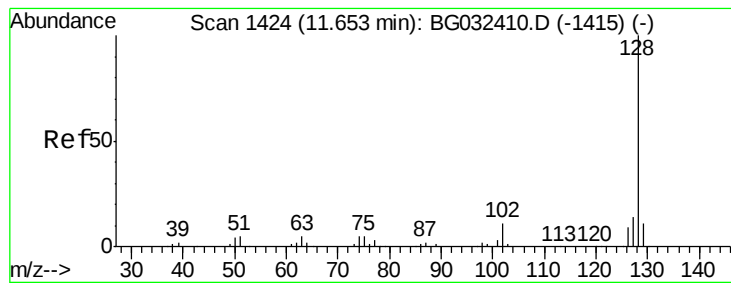


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#31

Naphthalene

Concen: 4.119 ng

RT: 11.61 min Scan# 1417

Delta R.T. -0.02 min

Lab File: BG032601.D

Acq: 7 Feb 2018 19:43

Instrument :

BNA_G

ClientSampleId :

OIL-WATER-SEPARATOR

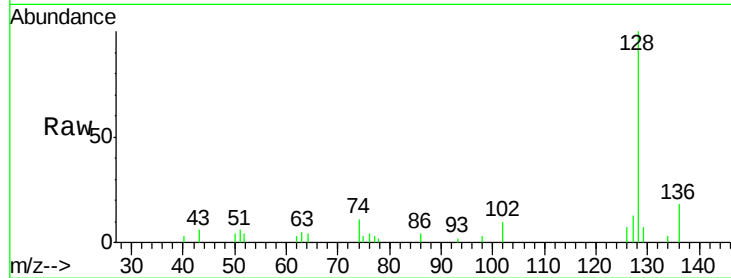
Tot Ion:128 Resp: 14395

Ion Ratio Lower Upper

128 100

129 7.2 8.6 12.8#

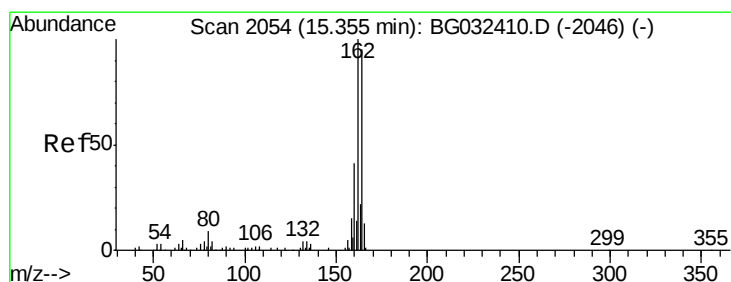
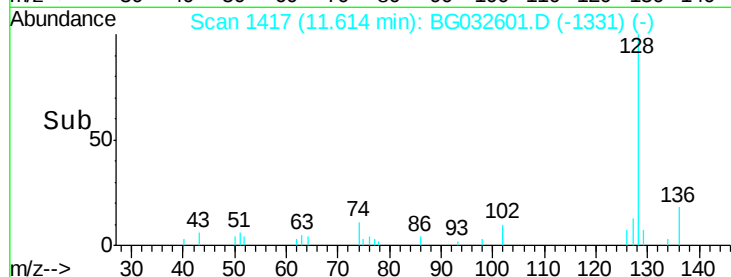
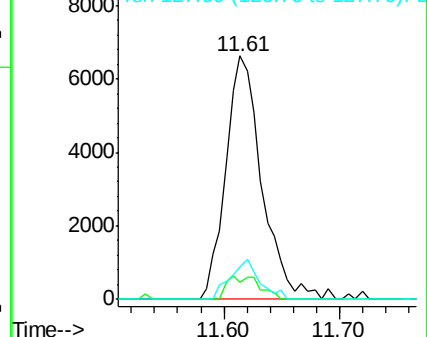
127 13.5 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.32 min Scan# 2048

Delta R.T. -0.02 min

Lab File: BG032601.D

Acq: 7 Feb 2018 19:43

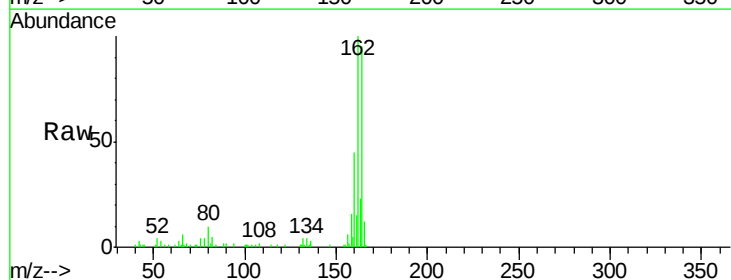
Tgt Ion:164 Resp: 56021

Ion Ratio Lower Upper

164 100

162 105.5 78.8 118.2

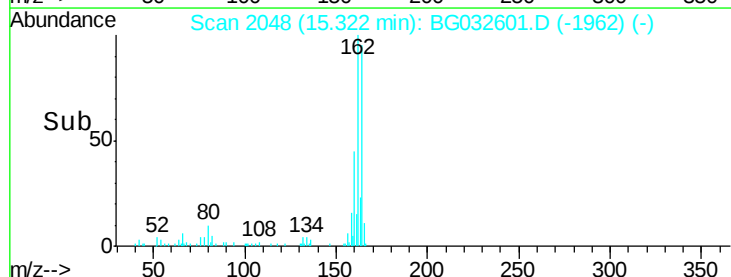
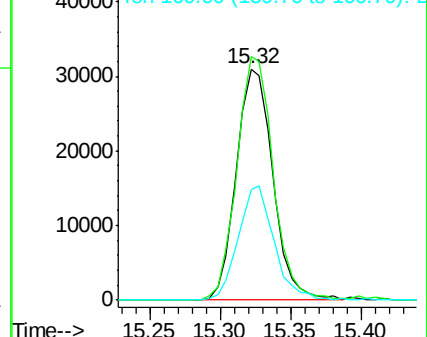
160 47.8 35.4 53.0

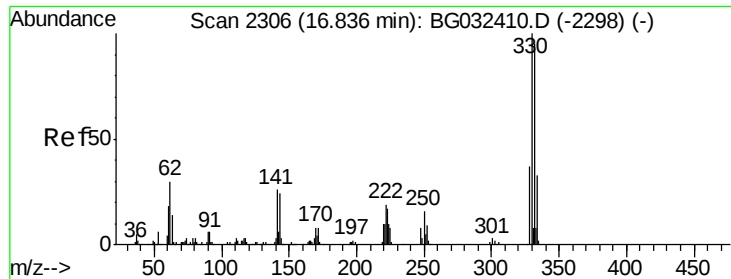


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

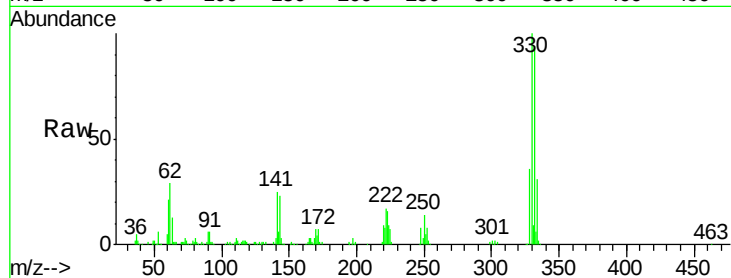




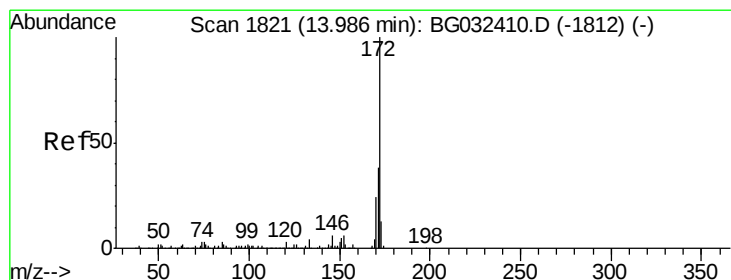
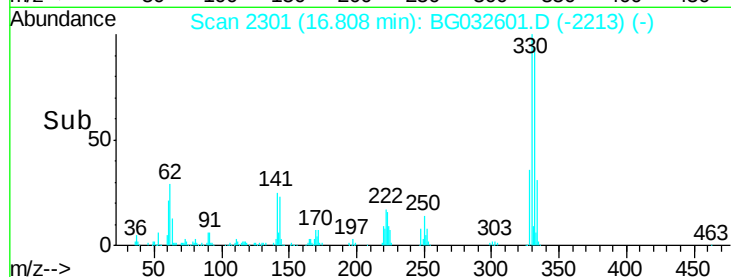
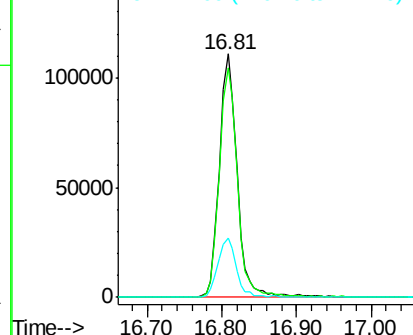
#41
 2,4,6-Tribromophenol
 Concen: 171.979 ng
 RT: 16.81 min Scan# 2301
 Delta R.T. -0.01 min
 Lab File: BG032601.D
 Acq: 7 Feb 2018 19:43

Instrument :
 BNA_G
 ClientSampleId :
 OIL-WATER-SEPARATOR

Tot Ion:330 Resp: 183392
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.0 115.6
 141 25.0 25.2 37.8#

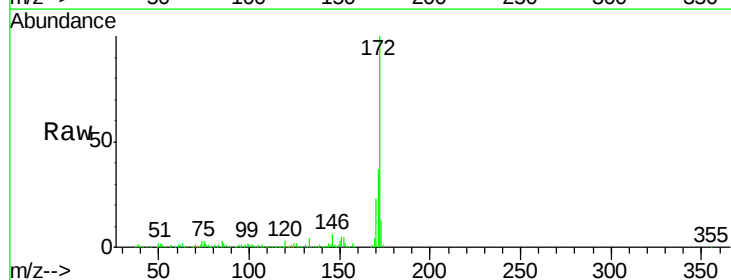


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

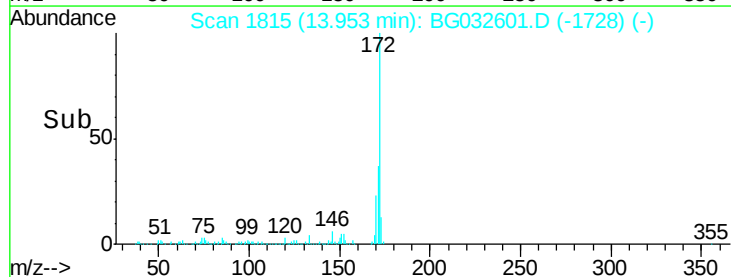
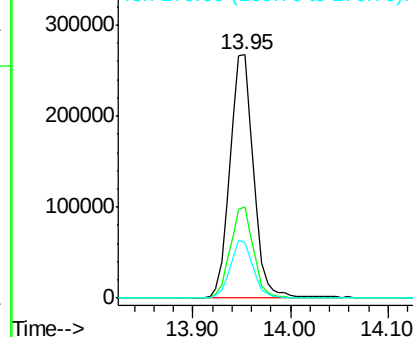


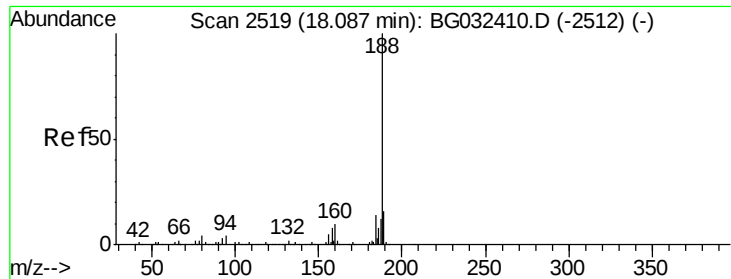
#44
 2-Fluorobiphenyl
 Concen: 95.481 ng
 RT: 13.95 min Scan# 1815
 Delta R.T. -0.02 min
 Lab File: BG032601.D
 Acq: 7 Feb 2018 19:43

Tgt Ion:172 Resp: 450032
 Ion Ratio Lower Upper
 172 100
 171 37.3 30.0 45.0
 170 22.8 19.5 29.3



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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.07 min Scan# 2515

Delta R.T. -0.01 min

Lab File: BG032601.D

Acq: 7 Feb 2018 19:43

Instrument :

BNA_G

ClientSampleId :

OIL-WATER-SEPARATOR

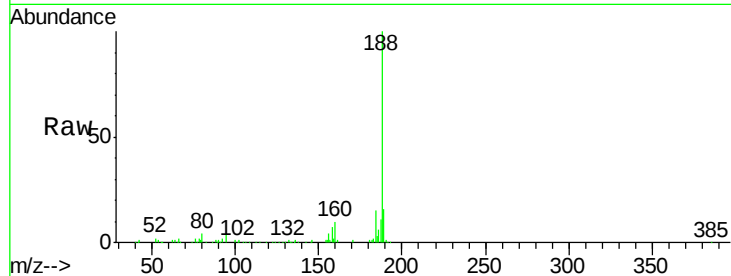
Tot Ion:188 Resp: 144681

Ion Ratio Lower Upper

188 100

94 4.0 6.9 10.3#

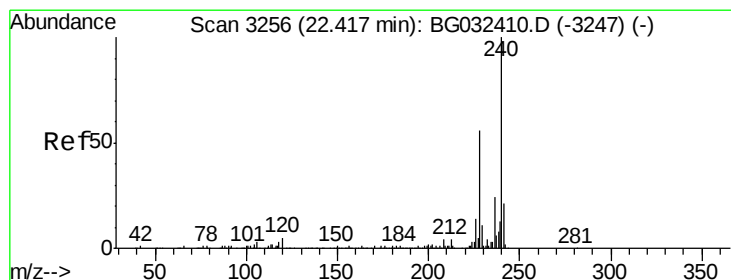
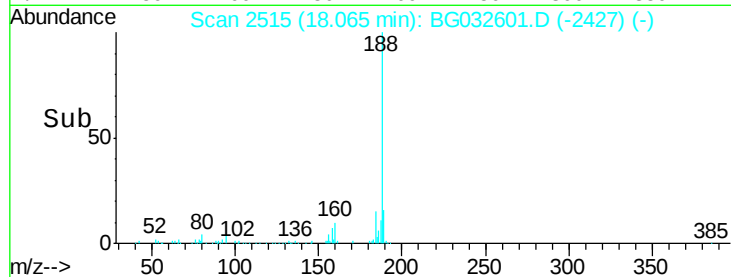
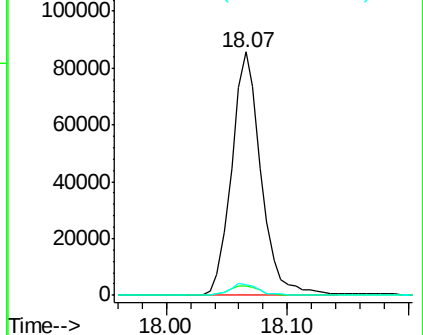
80 4.4 7.7 11.5#



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: 22.40 min Scan# 3252

Delta R.T. -0.01 min

Lab File: BG032601.D

Acq: 7 Feb 2018 19:43

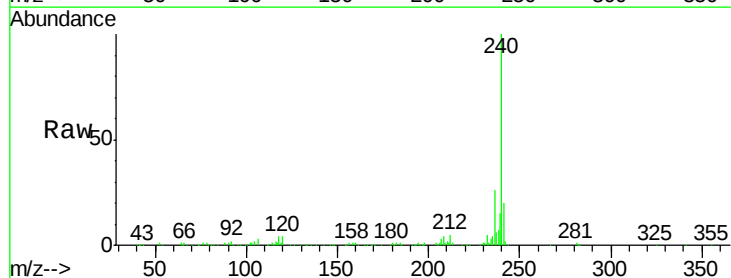
Tgt Ion:240 Resp: 186417

Ion Ratio Lower Upper

240 100

120 4.0 6.8 10.2#

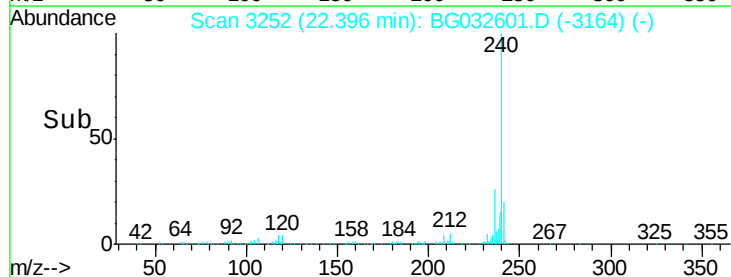
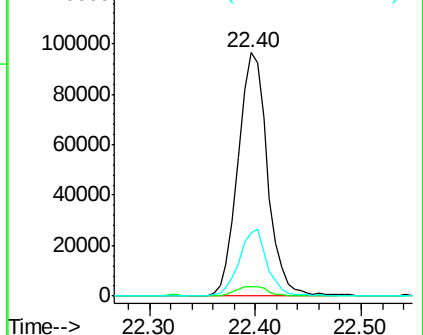
236 25.8 20.9 31.3

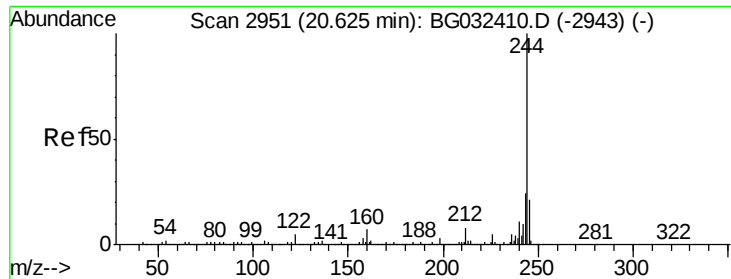


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

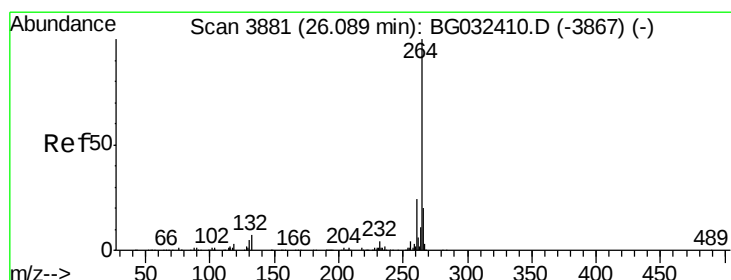
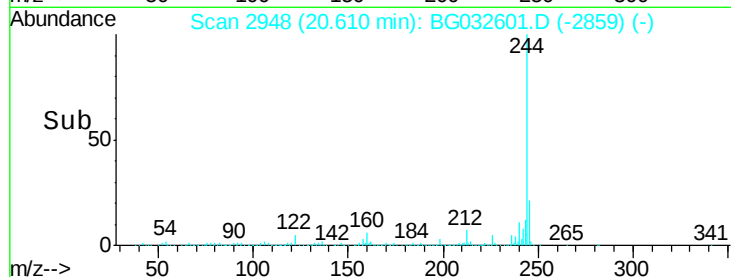
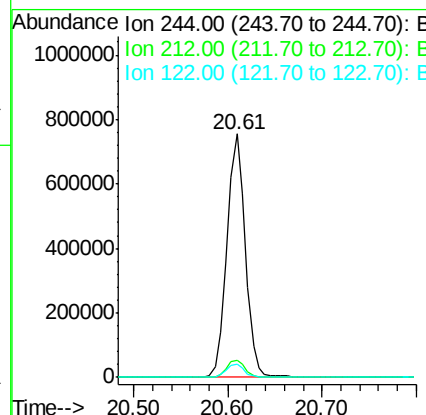
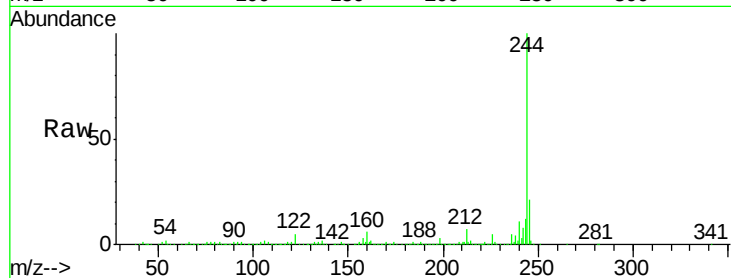




#78
 Terphenyl-d14
 Concen: 118.510 ng
 RT: 20.61 min Scan# 2948
 Delta R.T. -0.00 min
 Lab File: BG032601.D
 Acq: 7 Feb 2018 19:43

Instrument :
 BNA_G
 ClientSampleId :
 OIL-WATER-SEPARATOR

Tot Ion:244 Resp: 1031344
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 5.4 7.0 10.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.07 min Scan# 3878
 Delta R.T. 0.01 min
 Lab File: BG032601.D
 Acq: 7 Feb 2018 19:43

Tgt Ion:264 Resp: 209623
 Ion Ratio Lower Upper
 264 100
 260 24.8 17.4 26.0
 265 22.6 17.7 26.5

