

Data File : BG036604.D
Acq On : 7 Sep 2018 19:37
Operator : JU/SJ
Sample : J4801-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OILY-WATER

Quant Time: Sep 08 00:46:07 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 31 13:03:20 2018
Response via : Initial Calibration

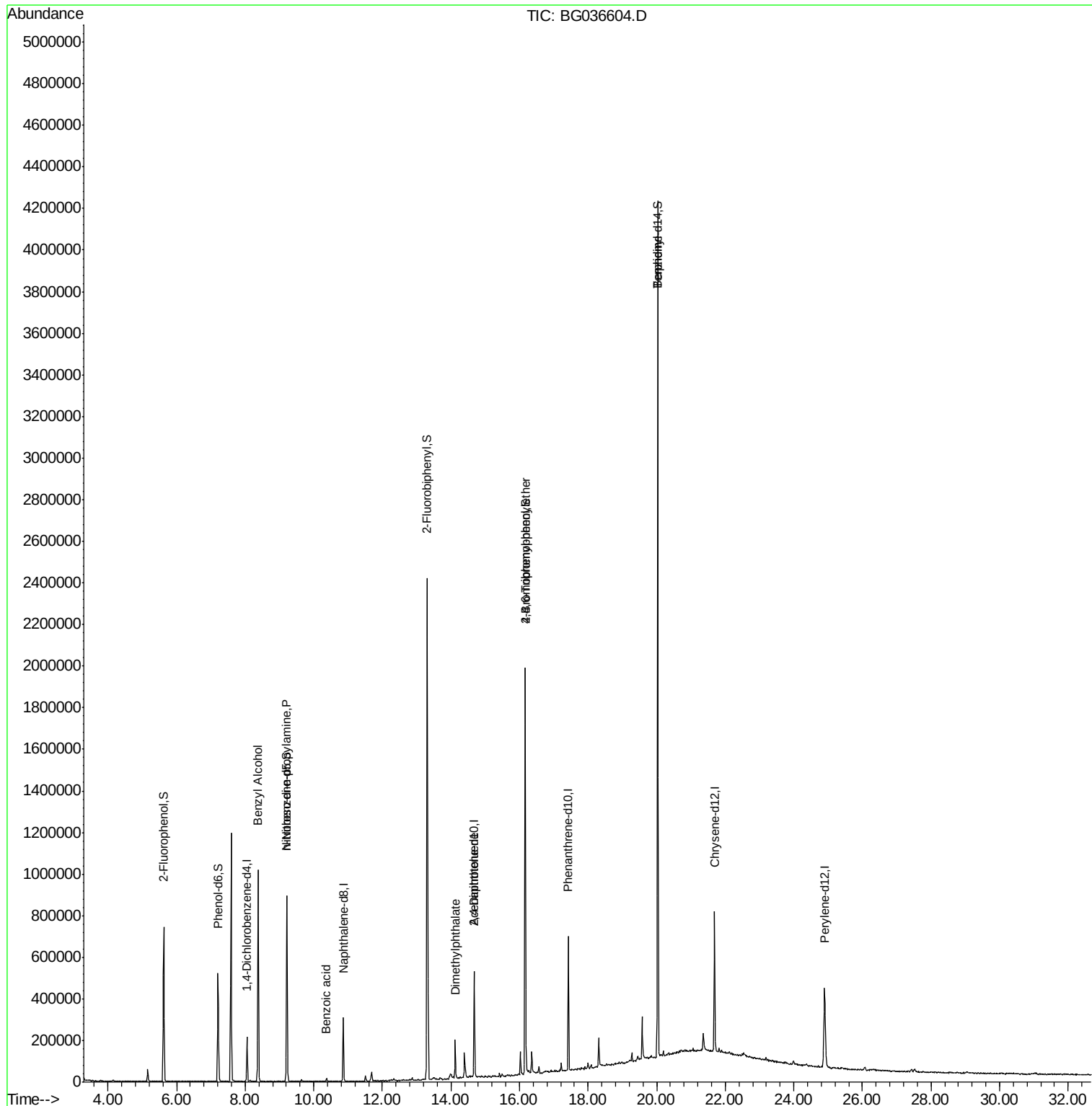
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	61744	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	260181	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	166055	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	417579	20.00	ng	0.00
75) Chrysene-d12	21.69	240	428502	20.00	ng	0.00
86) Perylene-d12	24.89	264	446474	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	319904	82.19	ng	0.00
7) Phenol-d6	7.21	99	306041	54.92	ng	-0.01
23) Nitrobenzene-d5	9.22	82	543553	113.35	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	368531	185.99	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1206720	103.76	ng	0.00
78) Terphenyl-d14	20.03	244	1796457	97.99	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.38	79	9326	2.076	ng	# 55
19) n-Nitroso-di-n-propylamine	9.22	70	74612	17.914	ng	# 67
32) Benzoic acid	10.38	122	83	4.506	ng	# 37
49) Dimethylphthalate	14.13	163	122319	9.021	ng	# 99
56) 2,4-Dinitrotoluene	14.68	165	21373	5.878	ng	# 24
66) 4-Bromophenyl-phenylether	16.17	248	25875	5.292	ng	# 1
76) Benzidine	20.03	184	34194	2.501	ng	# 95

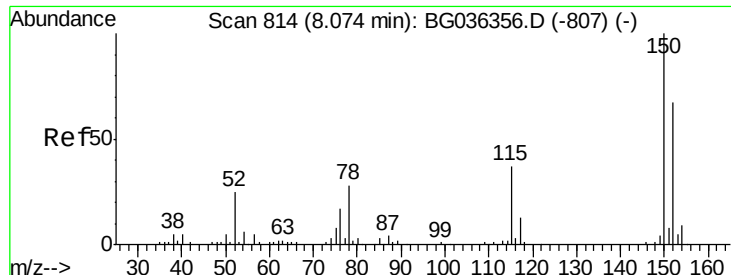
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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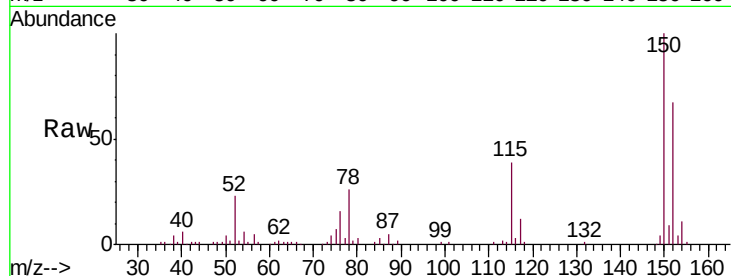


#1

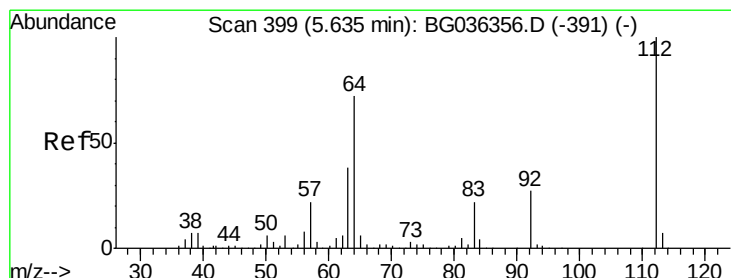
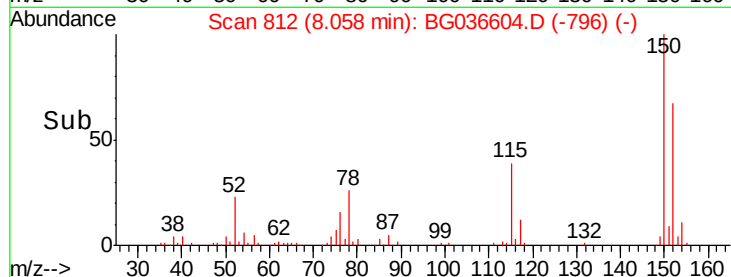
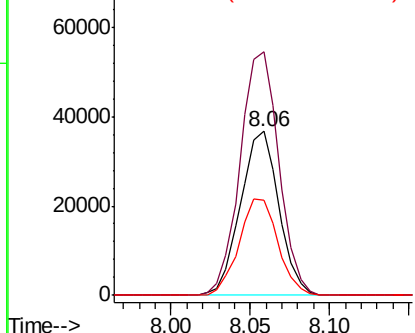
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.01 min
Lab File: BG036604.D
Acq: 7 Sep 2018 19:37

Instrument :
BNA_G
ClientSampleId :
OILY-WATER

Tgt Ion:152 Resp: 61744
Ion Ratio Lower Upper
152 100
150 148.4 119.5 179.3
115 58.4 44.5 66.7



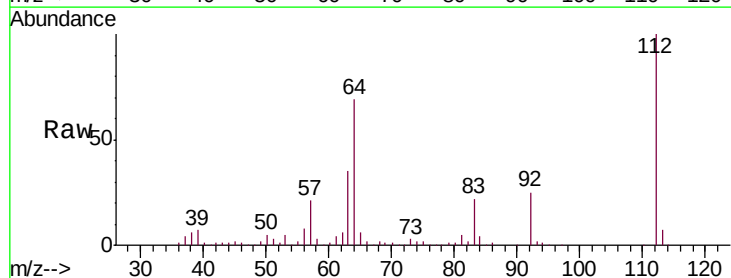
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



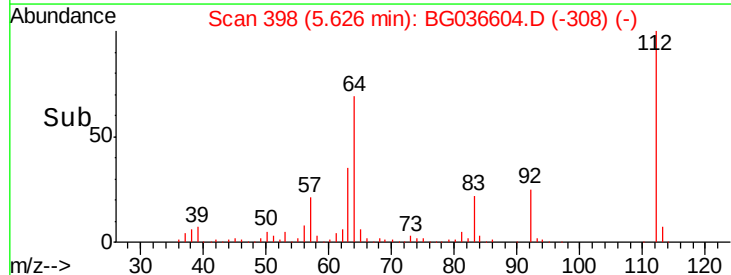
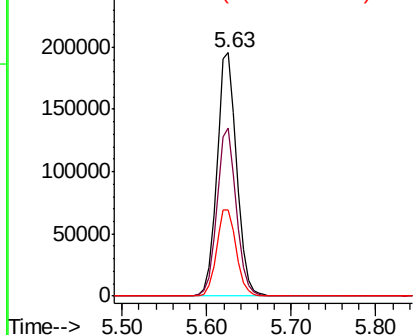
#5

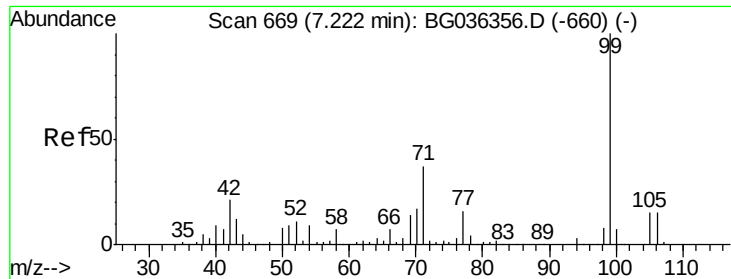
2-Fluorophenol
Concen: 82.188 ng
RT: 5.63 min Scan# 398
Delta R.T. 0.00 min
Lab File: BG036604.D
Acq: 7 Sep 2018 19:37

Tgt Ion:112 Resp: 319904
Ion Ratio Lower Upper
112 100
64 69.0 57.2 85.8
63 35.5 30.8 46.2



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: 54.916 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036604.D

Acq: 7 Sep 2018 19:37

Instrument :

BNA_G

ClientSampleId :

OILY-WATER

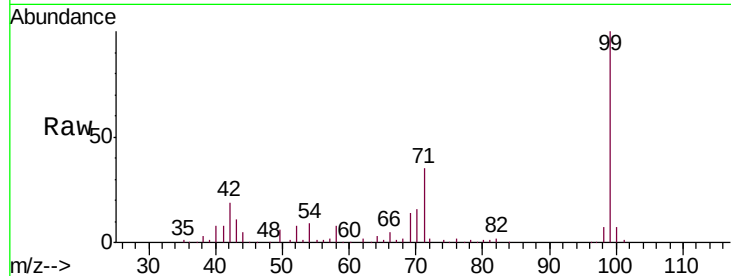
Tgt Ion: 99 Resp: 306041

Ion Ratio Lower Upper

99 100

42 18.7 16.5 24.7

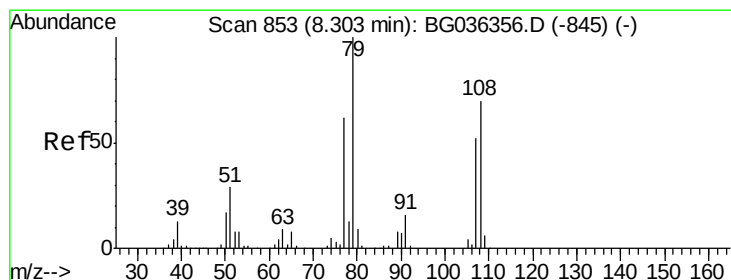
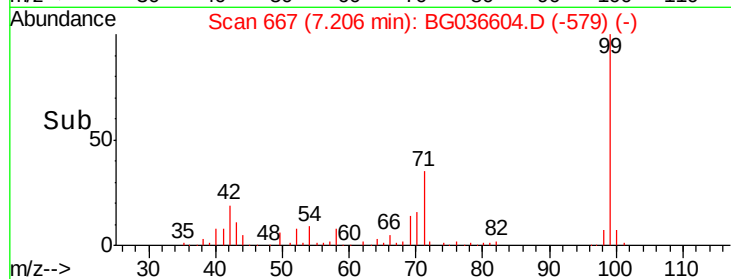
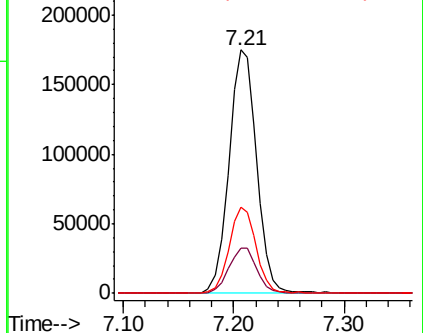
71 35.4 29.4 44.2



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



#15

Benzyl Alcohol

Concen: 2.076 ng

RT: 8.38 min Scan# 866

Delta R.T. 0.08 min

Lab File: BG036604.D

Acq: 7 Sep 2018 19:37

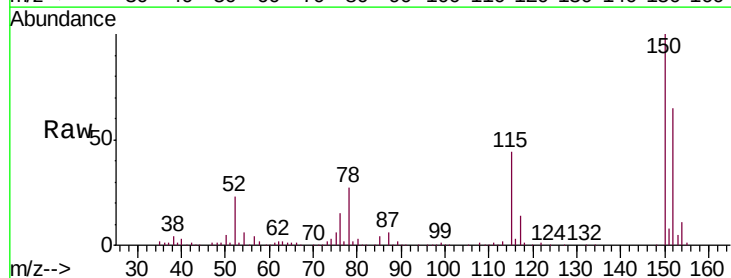
Tgt Ion: 79 Resp: 9326

Ion Ratio Lower Upper

79 100

108 27.9 55.9 83.9#

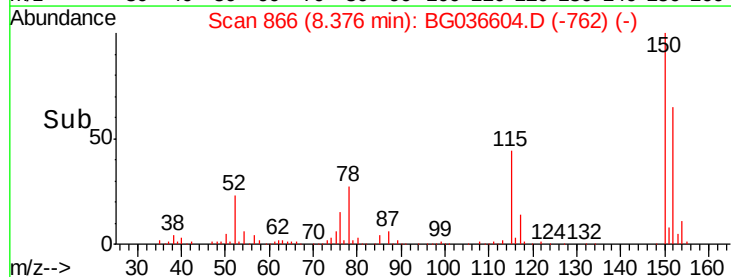
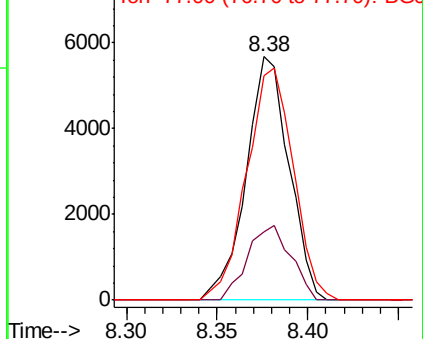
77 92.1 50.0 75.0#

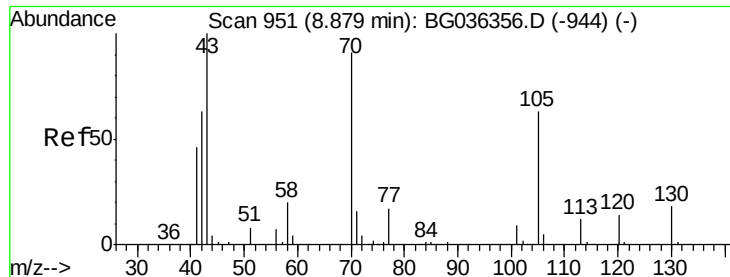


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC





#19

n-Nitroso-di-n-propylamine

Concen: 17.914 ng

RT: 9.22 min Scan# 1009

Delta R.T. 0.35 min

Lab File: BG036604.D

Acq: 7 Sep 2018 19:37

Instrument :

BNA_G

ClientSampleId :

OILY-WATER

Tgt Ion: 70 Resp: 74612

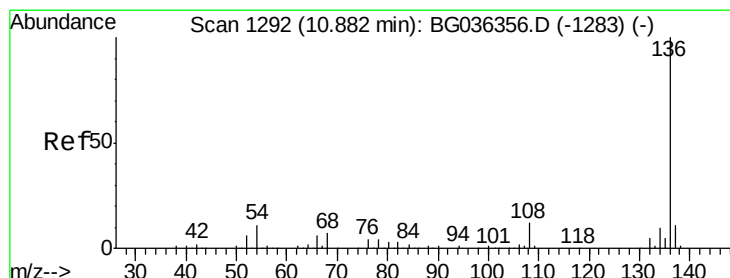
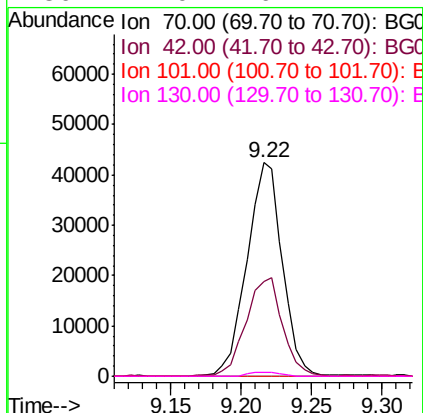
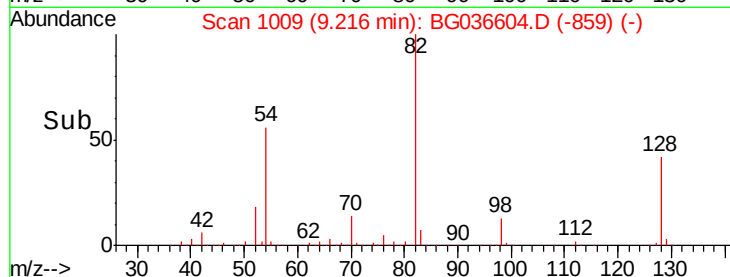
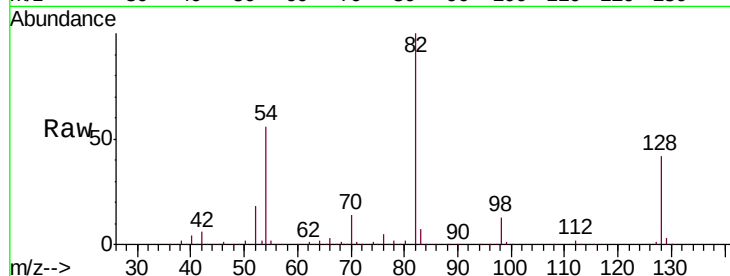
Ion Ratio Lower Upper

70 100

42 44.3 56.2 84.4#

101 0.0 7.8 11.6#

130 2.0 16.2 24.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1289

Delta R.T. -0.01 min

Lab File: BG036604.D

Acq: 7 Sep 2018 19:37

Tgt Ion: 136 Resp: 260181

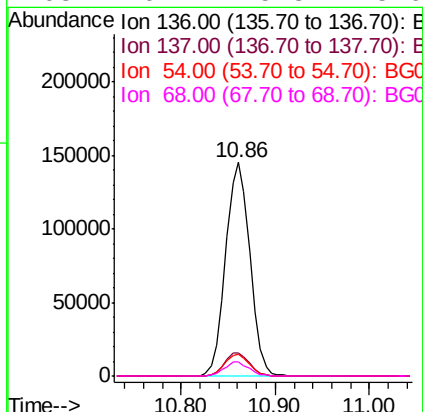
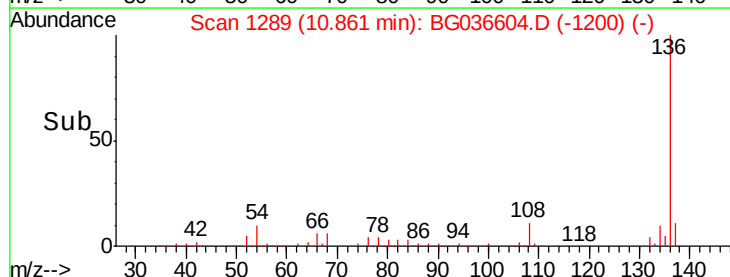
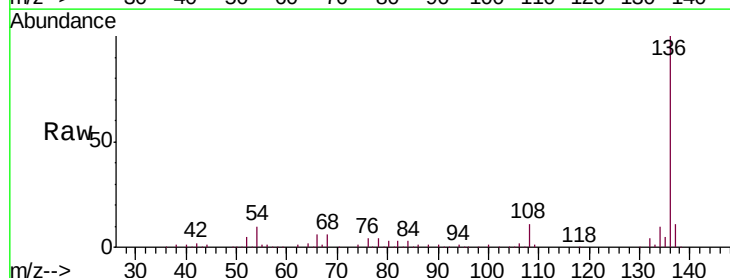
Ion Ratio Lower Upper

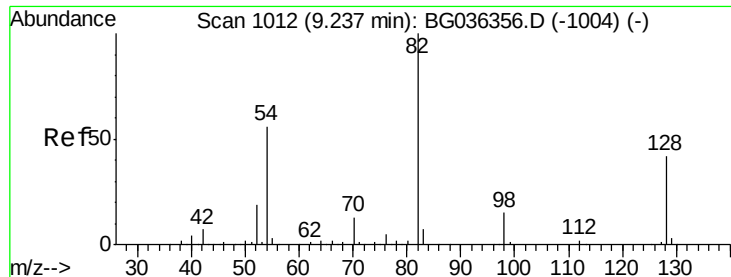
136 100

137 10.9 8.8 13.2

54 9.9 9.2 13.8

68 6.4 5.8 8.6

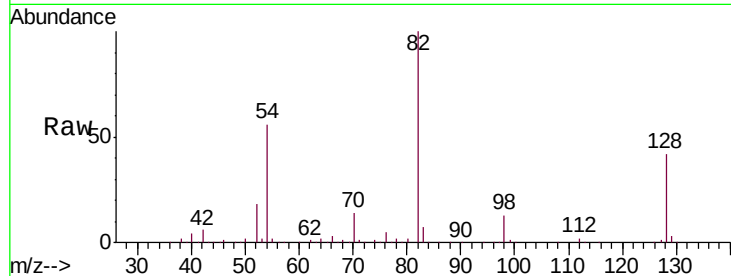




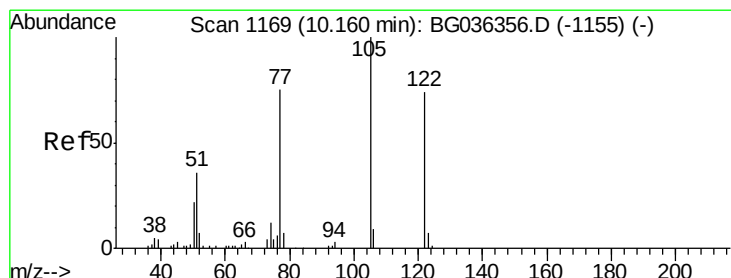
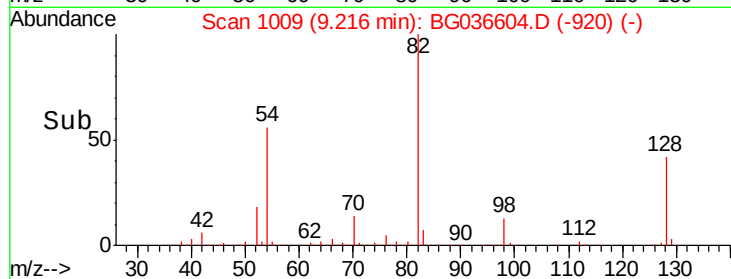
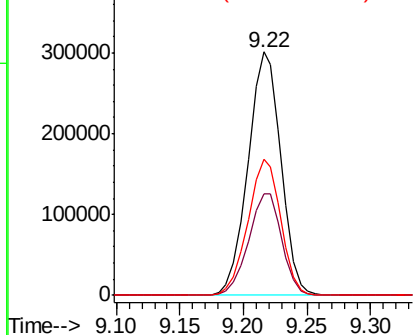
#23
 Nitrobenzene-d5
 Concen: 113.350 ng
 RT: 9.22 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BG036604.D
 Acq: 7 Sep 2018 19:37

Instrument :
 BNA_G
 ClientSampleId :
 OILY-WATER

Tgt Ion: 82 Resp: 543553
 Ion Ratio Lower Upper
 82 100
 128 42.0 33.3 49.9
 54 55.8 45.1 67.7

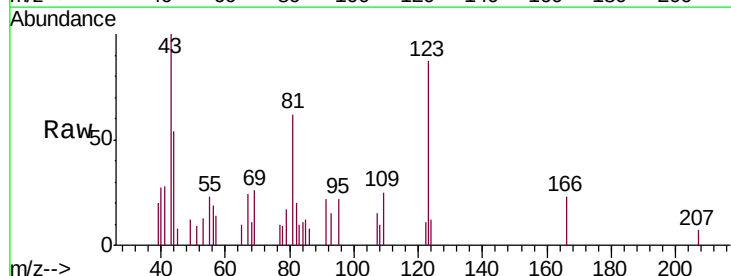


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

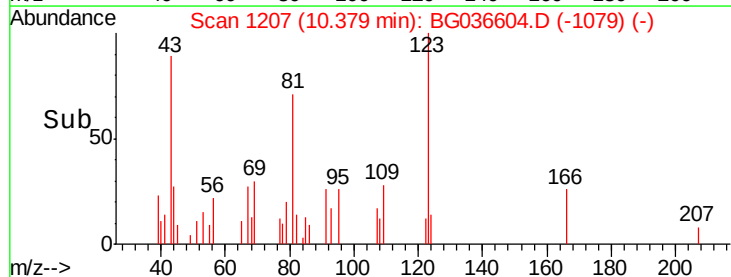
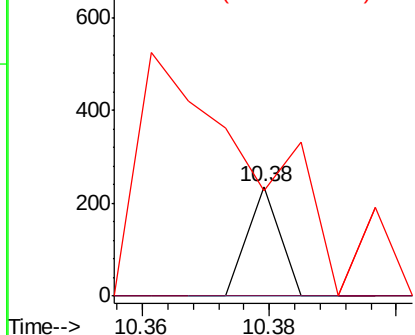


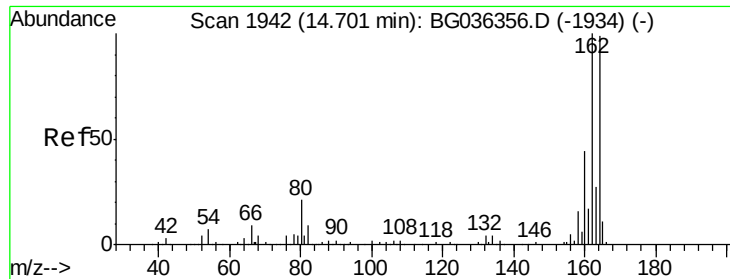
#32
 Benzoic acid
 Concen: 4.506 ng
 RT: 10.38 min Scan# 1207
 Delta R.T. 0.22 min
 Lab File: BG036604.D
 Acq: 7 Sep 2018 19:37

Tgt Ion: 122 Resp: 83
 Ion Ratio Lower Upper
 122 100
 105 0.0 108.1 148.1#
 77 96.2 76.3 116.3



Abundance Ion 122.00 (121.70 to 122.70): BGC
 Ion 105.00 (104.70 to 105.70): BGC
 Ion 77.00 (76.70 to 77.70): BGC

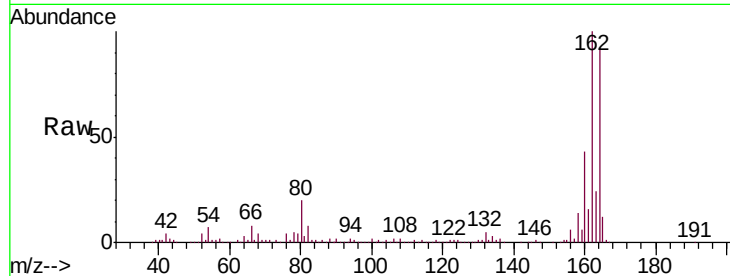




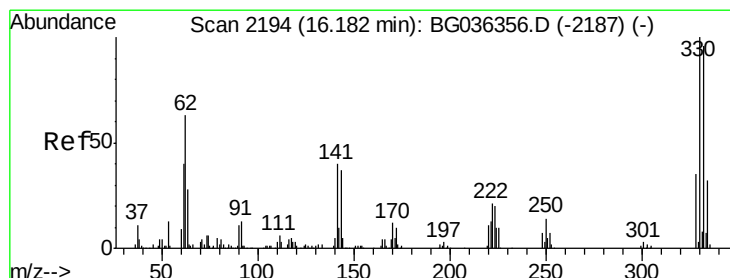
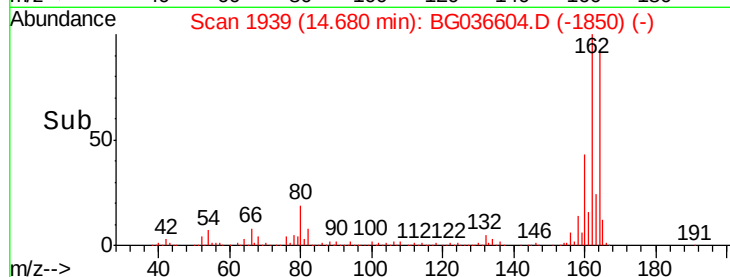
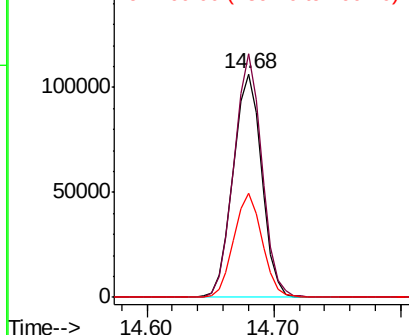
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BG036604.D
Acq: 7 Sep 2018 19:37

Instrument :
BNA_G
ClientSampleId :
OILY-WATER

Tgt Ion:164 Resp: 166055
Ion Ratio Lower Upper
164 100
162 109.1 80.7 121.1
160 46.6 35.3 52.9

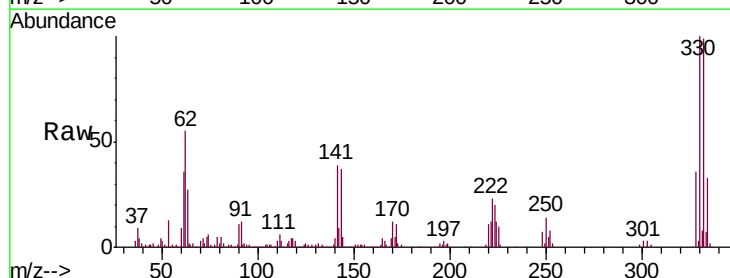


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

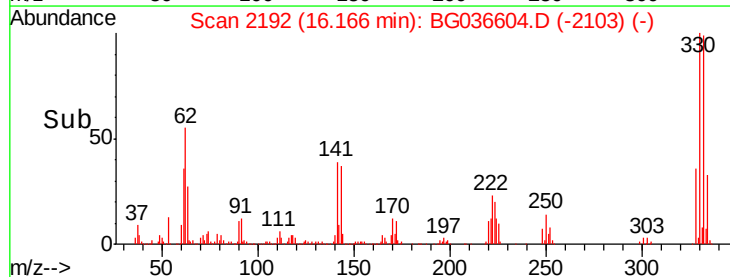
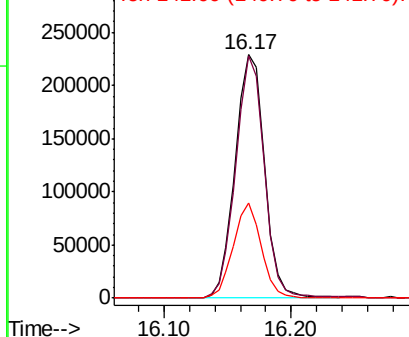


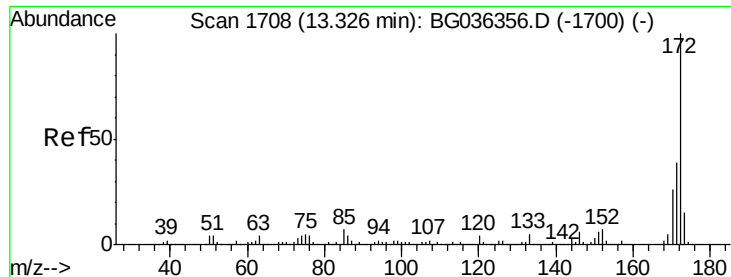
#41
2,4,6-Tribromophenol
Concen: 185.995 ng
RT: 16.17 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BG036604.D
Acq: 7 Sep 2018 19:37

Tgt Ion:330 Resp: 368531
Ion Ratio Lower Upper
330 100
332 96.9 75.4 113.2
141 37.0 30.7 46.1



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

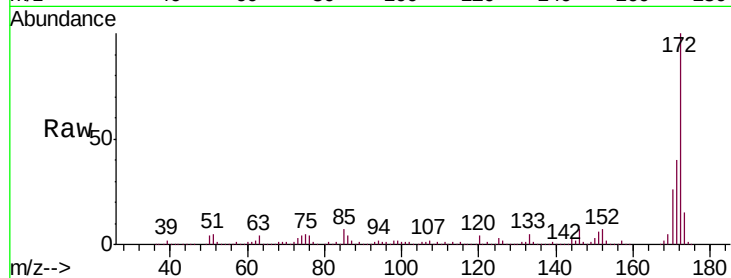




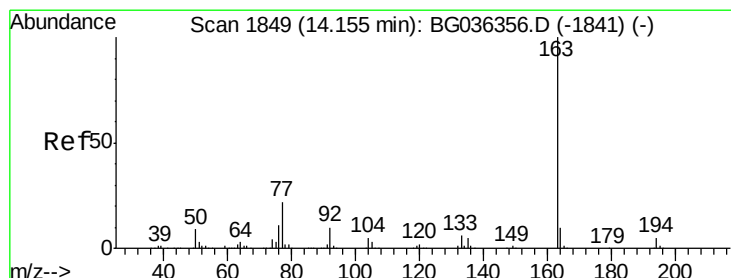
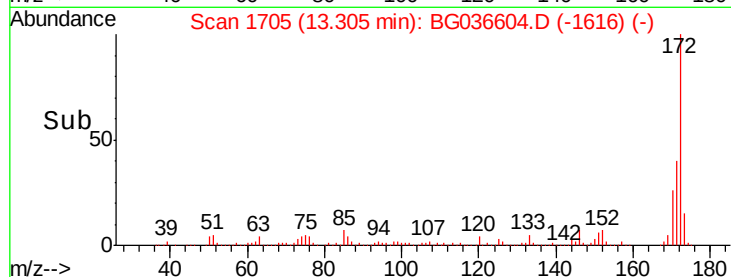
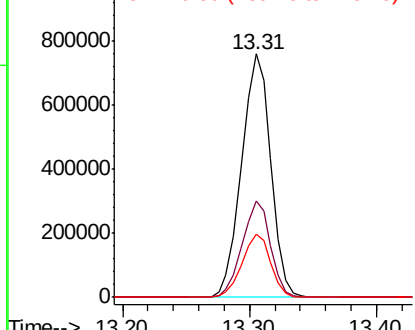
#44
 2-Fluorobiphenyl
 Concen: 103.759 ng
 RT: 13.31 min Scan# 1705
 Delta R.T. -0.01 min
 Lab File: BG036604.D
 Acq: 7 Sep 2018 19:37

Instrument :
 BNA_G
 ClientSampleId :
 OILY-WATER

Tgt Ion:172 Resp: 1206720
 Ion Ratio Lower Upper
 172 100
 171 39.8 31.3 46.9
 170 26.1 21.0 31.6

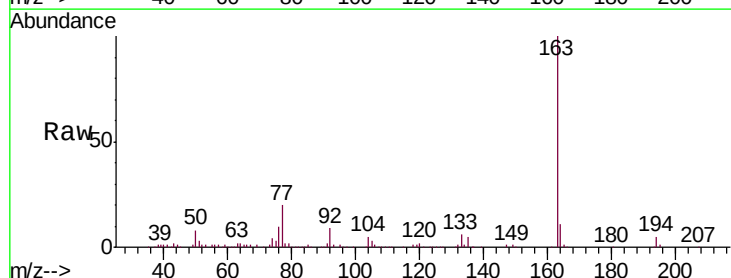


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

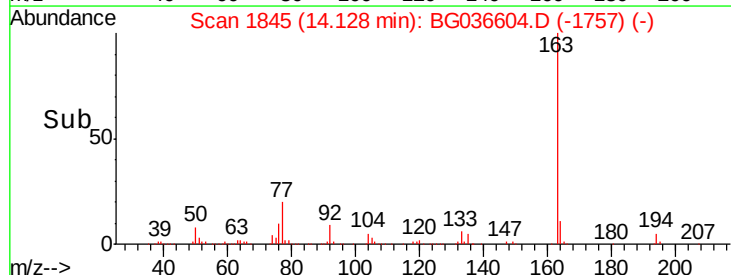
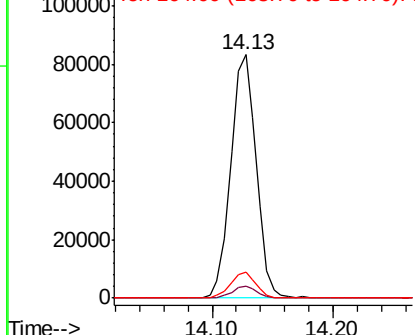


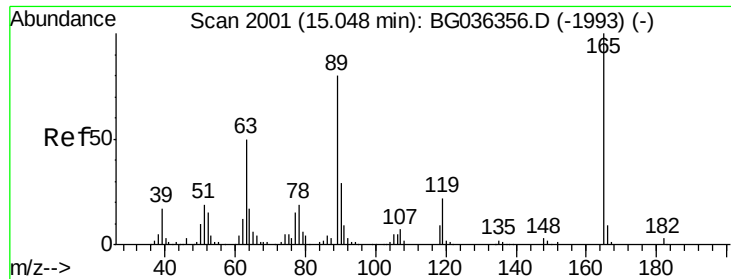
#49
 Dimethylphthalate
 Concen: 9.021 ng
 RT: 14.13 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BG036604.D
 Acq: 7 Sep 2018 19:37

Tgt Ion:163 Resp: 122319
 Ion Ratio Lower Upper
 163 100
 194 4.9 4.0 6.0
 164 10.5 8.1 12.1



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

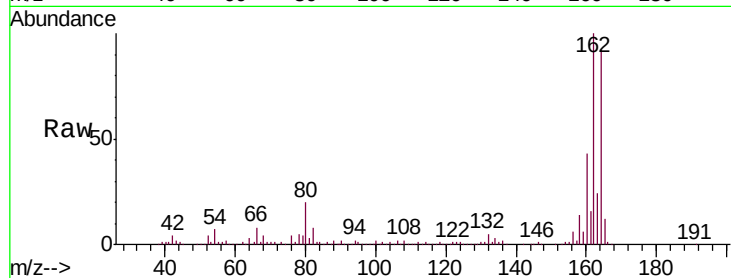




#56
2,4-Dinitrotoluene
Concen: 5.878 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.36 min
Lab File: BG036604.D
Acq: 7 Sep 2018 19:37

Instrument :
BNA_G
ClientSampleId :
OILY-WATER

Tgt Ion	Ratio	Lower	Upper
165	100		
63	3.0	40.1	60.1#
89	5.6	63.7	95.5#
182	0.0	2.5	3.7#

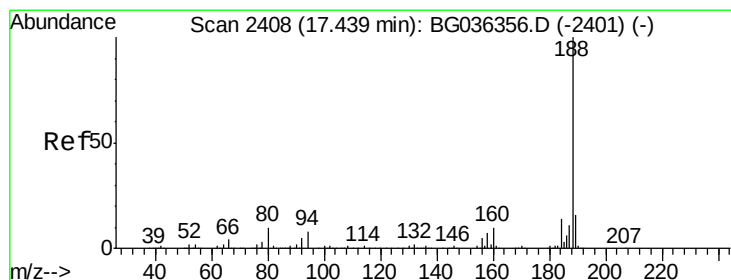
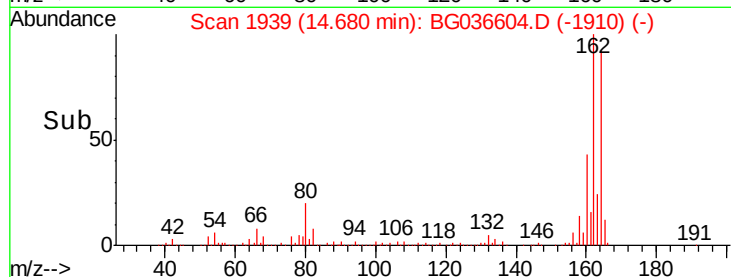
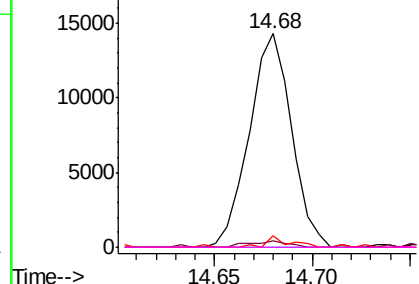


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

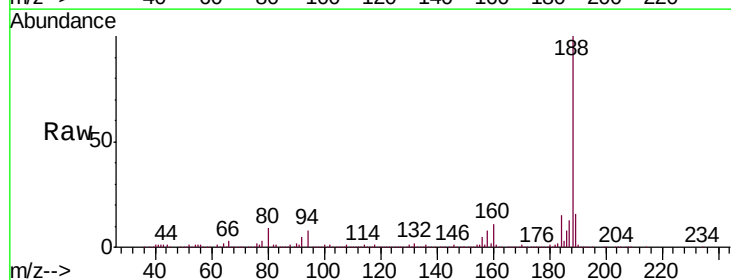
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BG036604.D
Acq: 7 Sep 2018 19:37

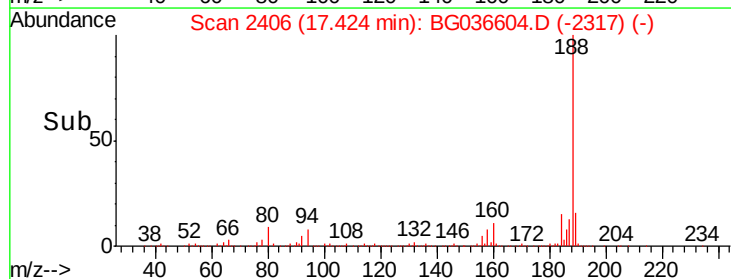
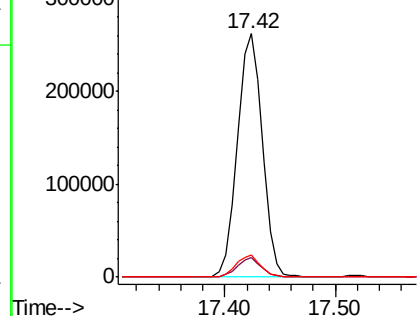
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.7	10.1
80	9.3	8.1	12.1

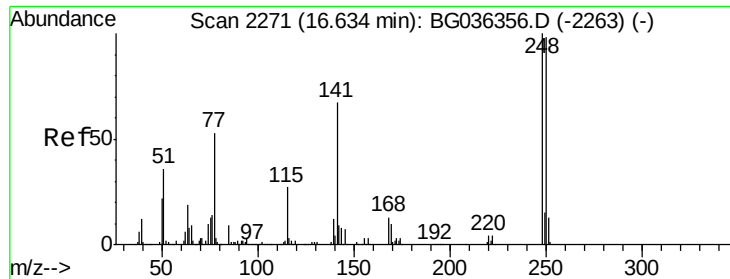


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

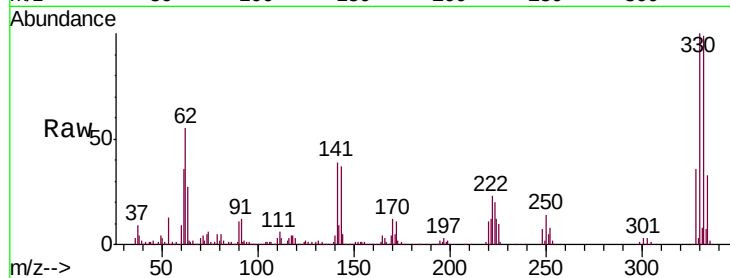




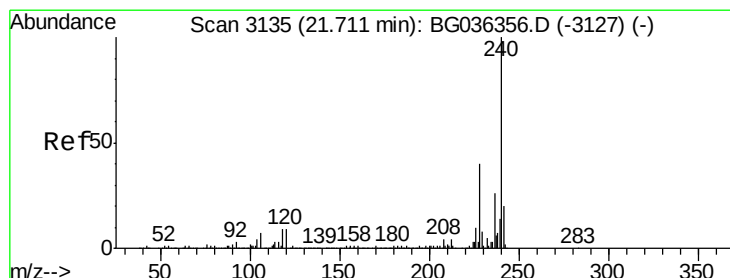
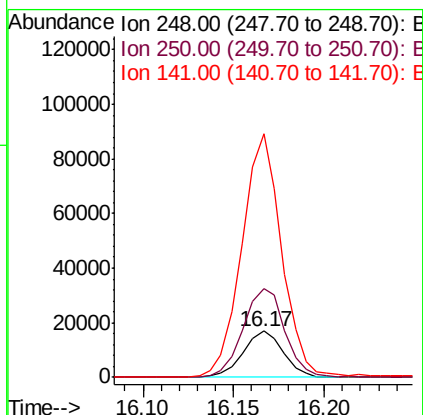
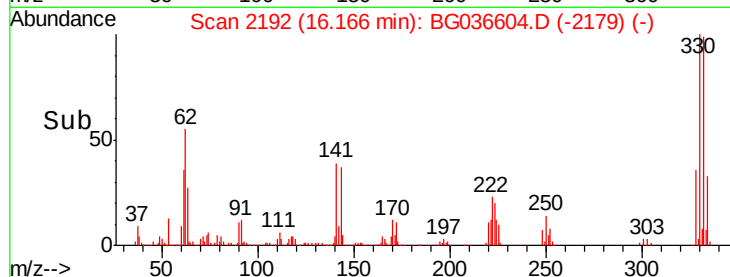
#66
4-Bromophenyl-phenylether
Concen: 5.292 ng
RT: 16.17 min Scan# 2192
Delta R.T. -0.45 min
Lab File: BG036604.D
Acq: 7 Sep 2018 19:37

Instrument :
BNA_G
ClientSampleId :
OILY-WATER

Tgt Ion:248 Resp: 25875
Ion Ratio Lower Upper
248 100
250 192.5 78.1 117.1#
141 528.3 53.7 80.5#

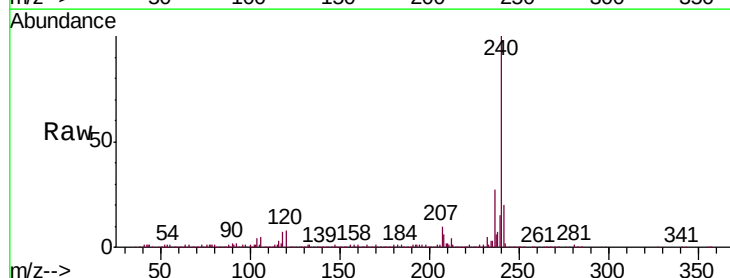


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

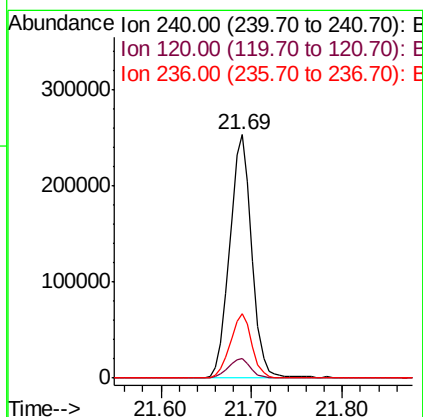
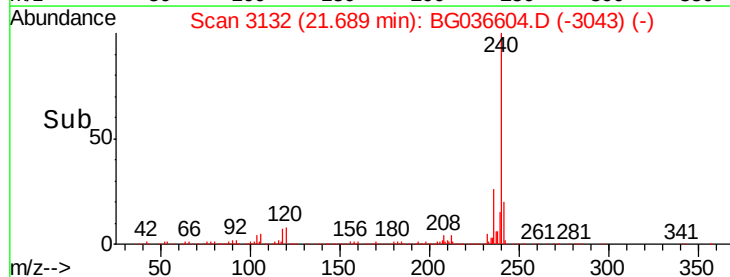


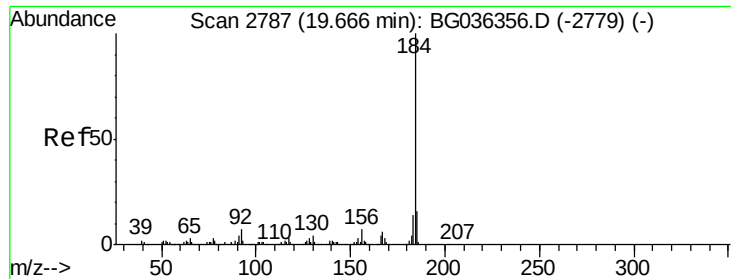
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3132
Delta R.T. -0.01 min
Lab File: BG036604.D
Acq: 7 Sep 2018 19:37

Tgt Ion:240 Resp: 428502
Ion Ratio Lower Upper
240 100
120 8.1 6.9 10.3
236 26.6 21.2 31.8



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

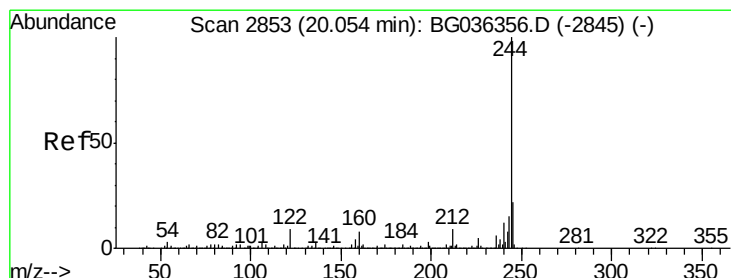
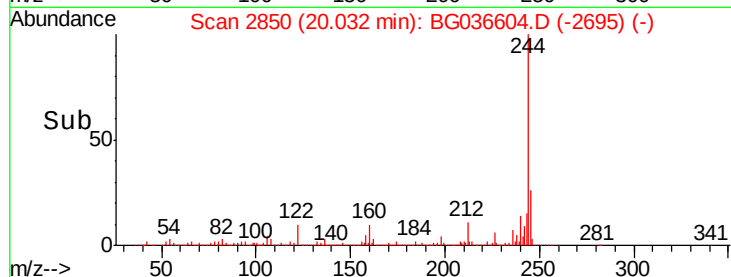
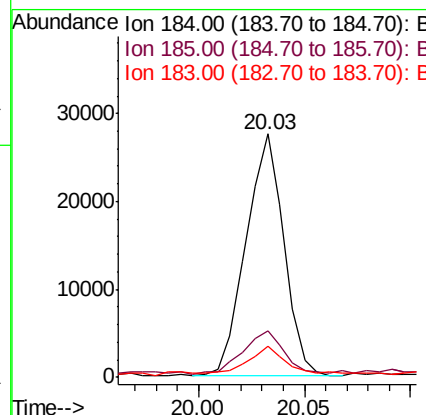
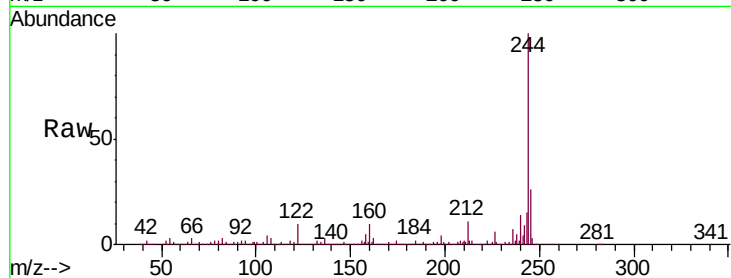




#76
Benzidine
Concen: 2.501 ng
RT: 20.03 min Scan# 2850
Delta R.T. 0.38 min
Lab File: BG036604.D
Acq: 7 Sep 2018 19:37

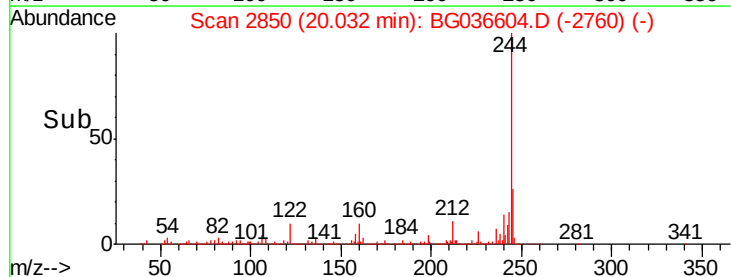
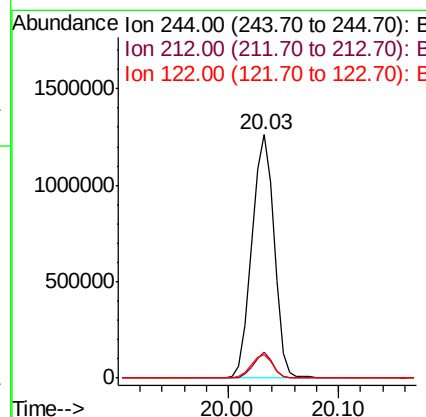
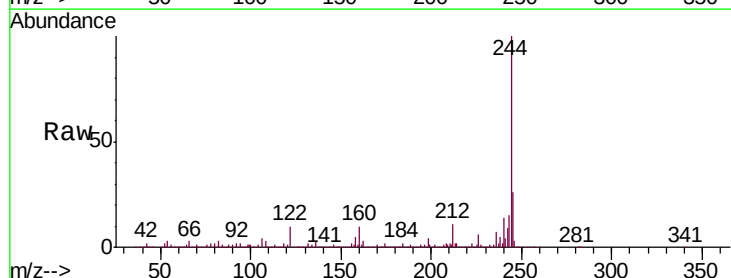
Instrument :
BNA_G
ClientSampleId :
OILY-WATER

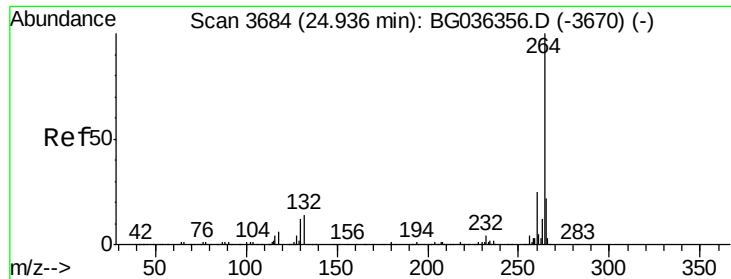
Tgt Ion:184 Resp: 34194
Ion Ratio Lower Upper
184 100
185 19.0 12.6 18.8#
183 12.6 10.9 16.3



#78
Terphenyl-d14
Concen: 97.991 ng
RT: 20.03 min Scan# 2850
Delta R.T. 0.00 min
Lab File: BG036604.D
Acq: 7 Sep 2018 19:37

Tgt Ion:244 Resp: 1796457
Ion Ratio Lower Upper
244 100
212 10.6 7.0 10.6
122 9.8 7.1 10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.89 min Scan# 3677
Delta R.T. -0.01 min
Lab File: BG036604.D
Acq: 7 Sep 2018 19:37

Instrument :
BNA_G
ClientSampleId :
OILY-WATER

Tgt Ion: 264 Resp: 446474
Ion Ratio Lower Upper
264 100
260 23.1 19.6 29.4
265 21.4 17.4 26.0

