

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071218\
 Data File : BG035612.D
 Acq On : 13 Jul 2018 2:22
 Operator : JU/SJ
 Sample : J3947-28
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PAR-1-OILY-WATER

Quant Time: Jul 13 04:36:33 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 12 14:43:32 2018
 Response via : Initial Calibration

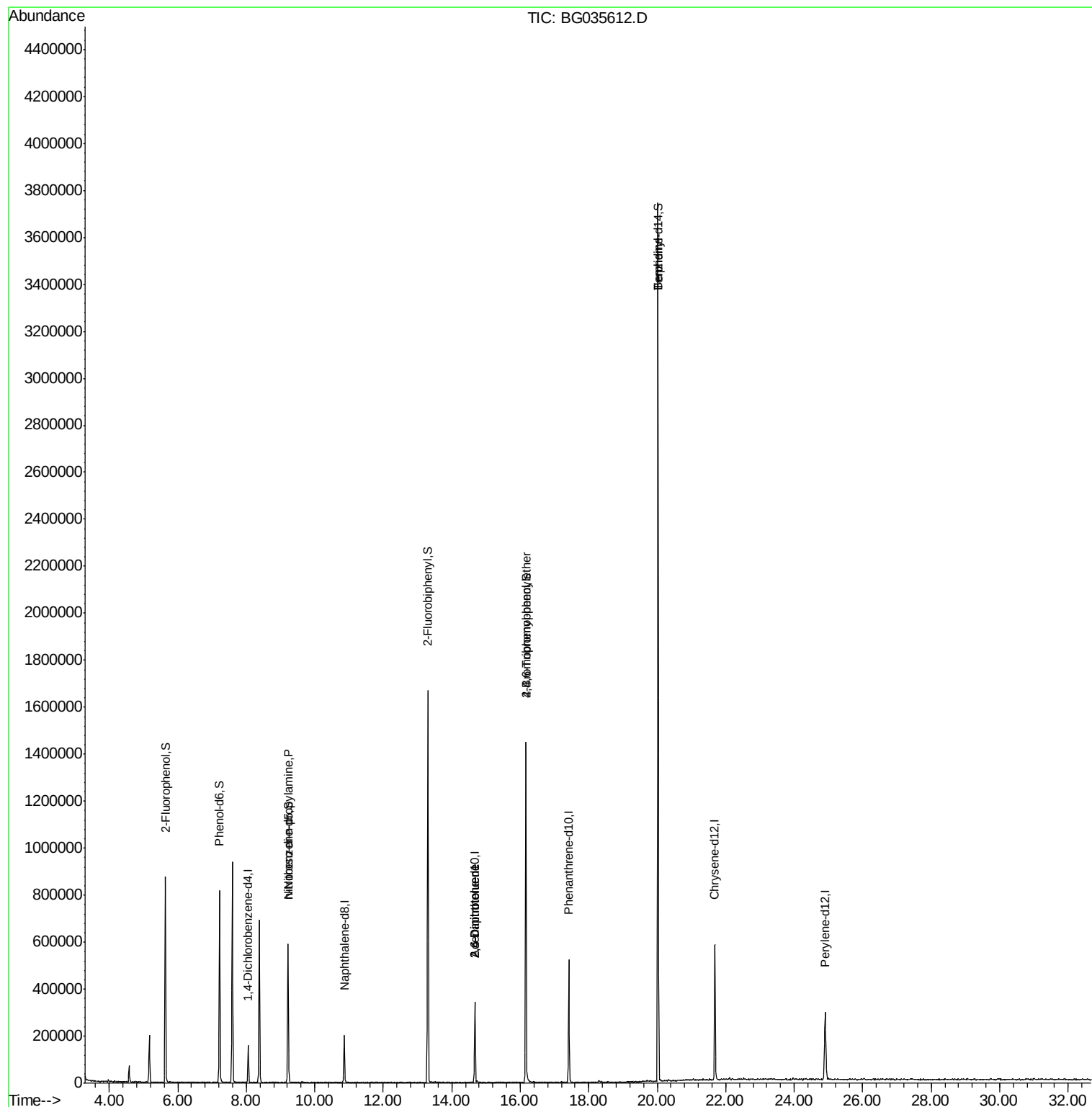
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	42539	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	165241	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	119680	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	343754	20.00	ng	0.00
75) Chrysene-d12	21.68	240	368958	20.00	ng	0.00
86) Perylene-d12	24.91	264	310383	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	361976	141.27	ng	0.00
7) Phenol-d6	7.22	99	482135	126.12	ng	0.00
23) Nitrobenzene-d5	9.22	82	392278	99.17	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	258701	164.00	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	893553	100.03	ng	0.00
78) Terphenyl-d14	20.02	244	1684042	100.61	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	55181	17.142	ng	# 71
50) 2,6-Dinitrotoluene	14.67	165	15965	7.477	ng	# 18
56) 2,4-Dinitrotoluene	14.67	165	15965	5.212	ng	# 16
66) 4-Bromophenyl-phenylether	16.16	248	20378	5.110	ng	# 1
76) Benzidine	20.02	184	32309	3.331	ng	# 90

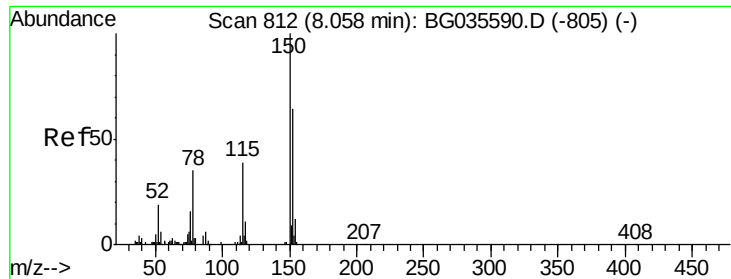
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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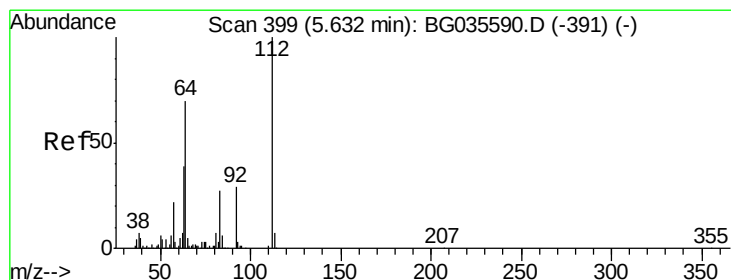
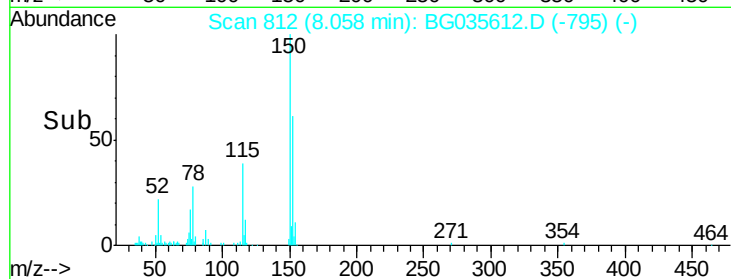
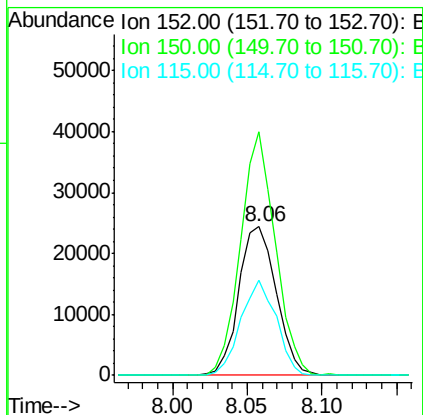
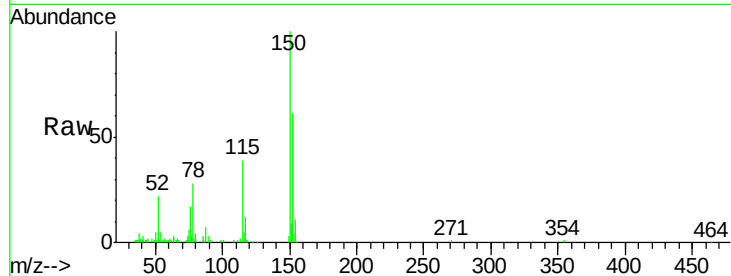


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.00 min
Lab File: BG035612.D
Acq: 13 Jul 2018 2:22

Instrument :
BNA_G
ClientSampleId :
PAR-1-OILY-WATER

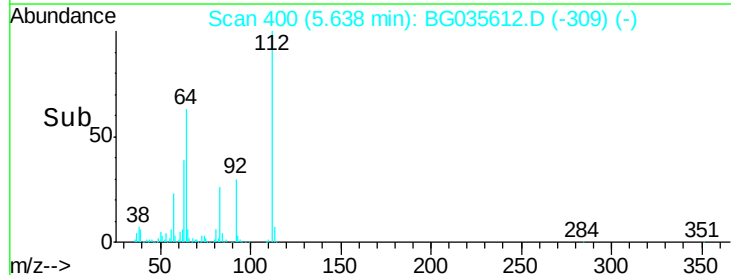
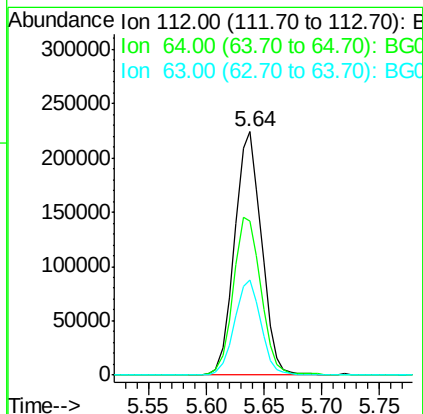
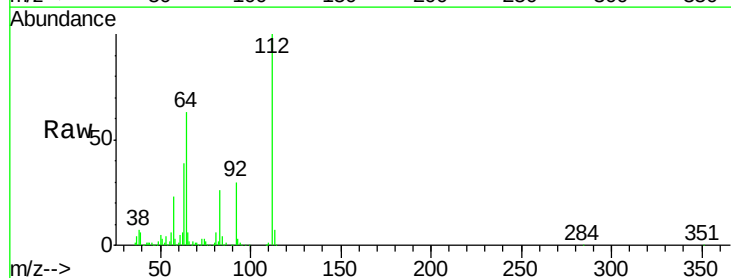
Tgt Ion:152 Resp: 42539
Ion Ratio Lower Upper
152 100
150 163.7 126.6 189.8
115 63.9 53.0 79.4

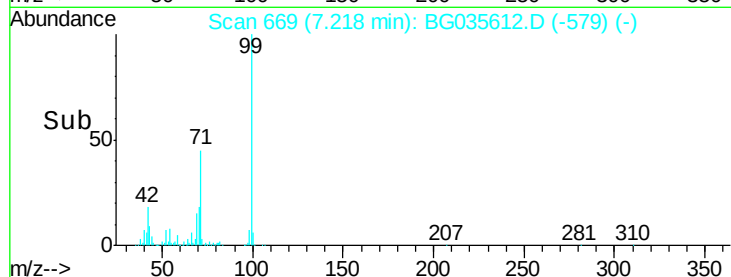
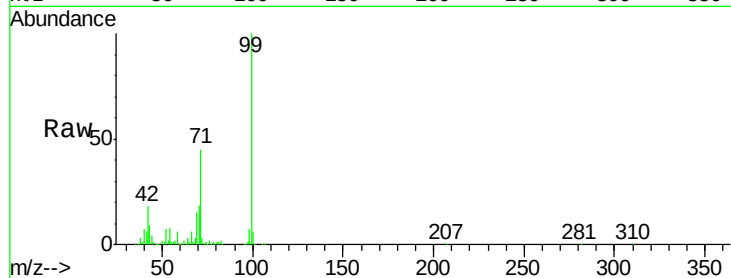
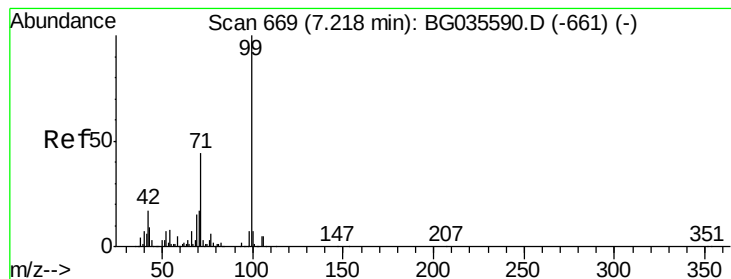


#5

2-Fluorophenol
Concen: 141.274 ng
RT: 5.64 min Scan# 400
Delta R.T. 0.01 min
Lab File: BG035612.D
Acq: 13 Jul 2018 2:22

Tgt Ion:112 Resp: 361976
Ion Ratio Lower Upper
112 100
64 63.2 56.3 84.5
63 38.8 30.1 45.1





#7

Phenol-d6

Concen: 126.120 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG035612.D

Acq: 13 Jul 2018 2:22

Instrument :

BNA_G

ClientSampleId :

PAR-1-OILY-WATER

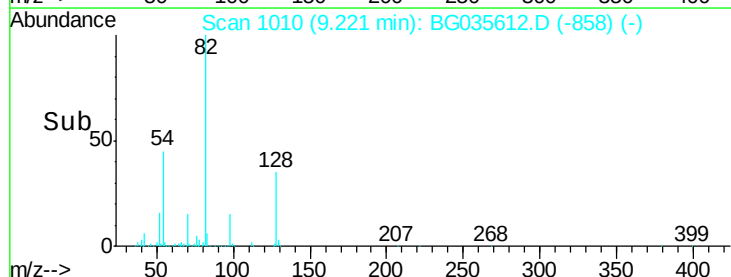
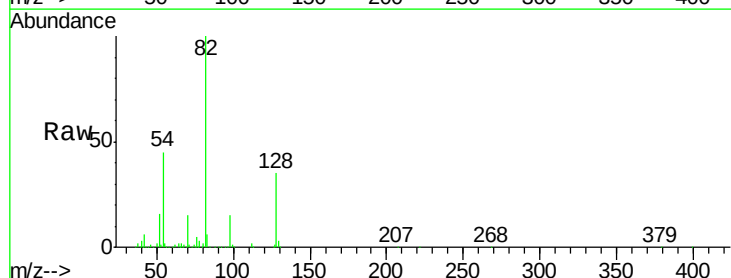
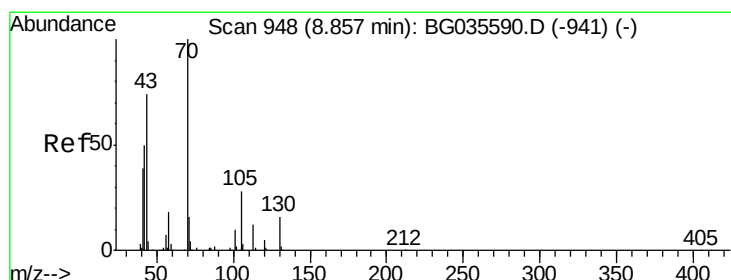
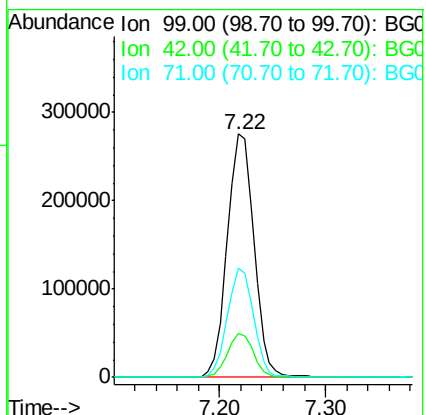
Tgt Ion: 99 Resp: 482135

Ion Ratio Lower Upper

99 100

42 18.1 14.1 21.1

71 44.8 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 17.142 ng

RT: 9.22 min Scan# 1010

Delta R.T. 0.36 min

Lab File: BG035612.D

Acq: 13 Jul 2018 2:22

Tgt Ion: 70 Resp: 55181

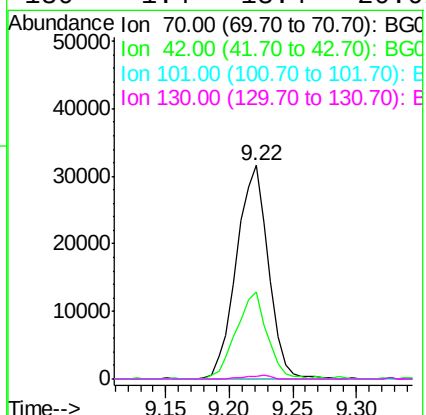
Ion Ratio Lower Upper

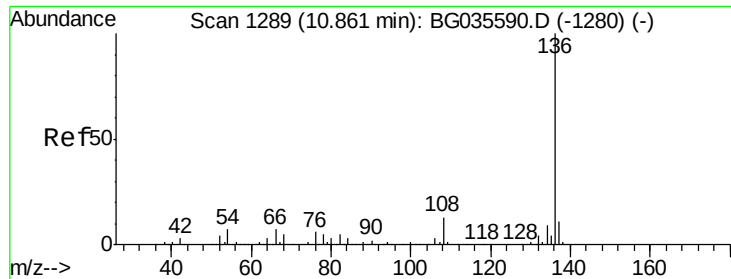
70 100

42 40.7 49.1 73.7#

101 0.0 8.5 12.7#

130 1.4 13.4 20.0#

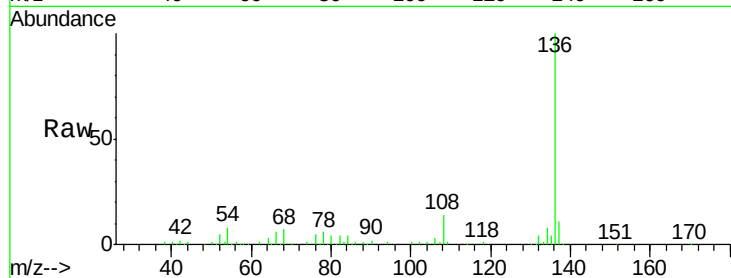




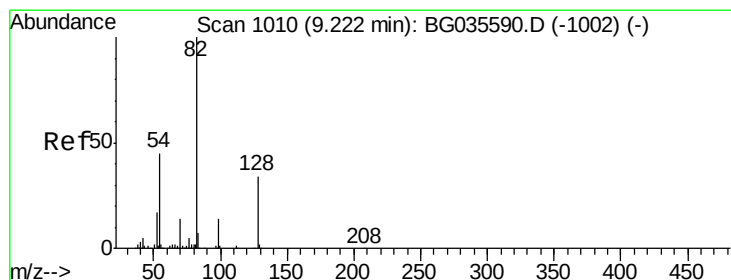
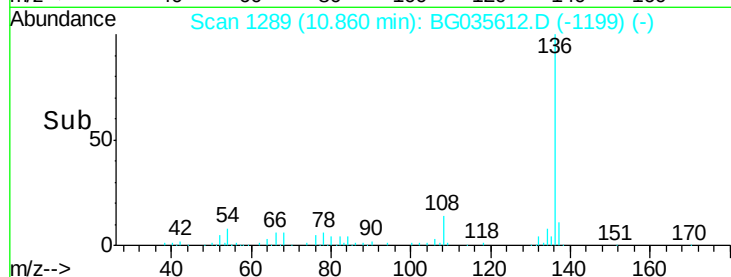
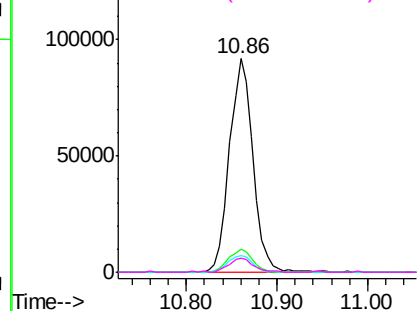
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BG035612.D
Acq: 13 Jul 2018 2:22

Instrument :
BNA_G
ClientSampleId :
PAR-1-OILY-WATER

Tgt Ion:	136	Resp:	165241
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	7.9	10.3	15.5#
68	6.6	4.5	6.7

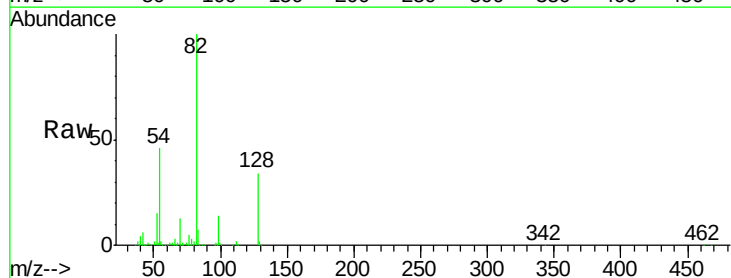


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

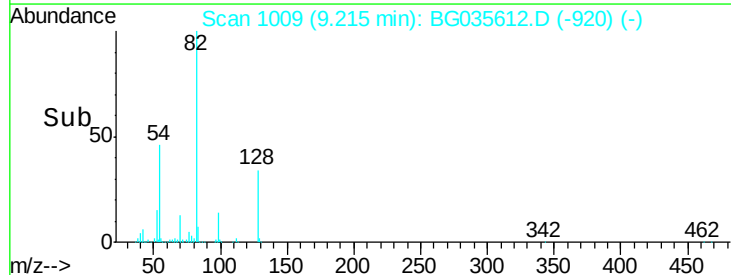
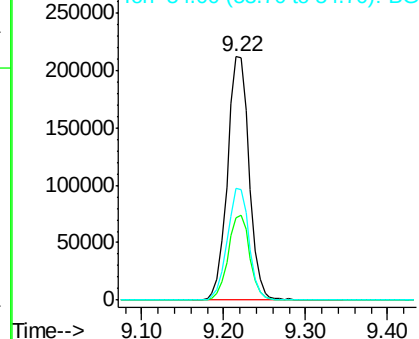


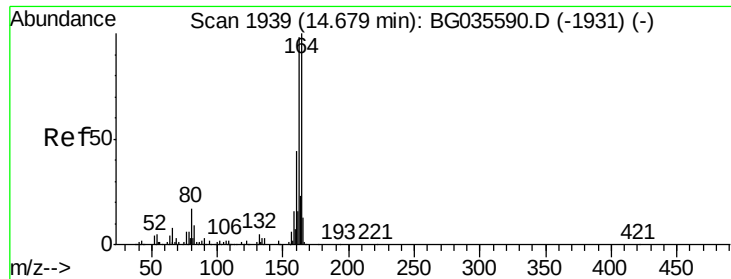
#23
Nitrobenzene-d5
Concen: 99.172 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BG035612.D
Acq: 13 Jul 2018 2:22

Tgt Ion:	82	Resp:	392278
Ion	Ratio	Lower	Upper
82	100		
128	33.6	29.7	44.5
54	45.8	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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG035612.D

Acq: 13 Jul 2018 2:22

Instrument :

BNA_G

ClientSampleId :

PAR-1-OILY-WATER

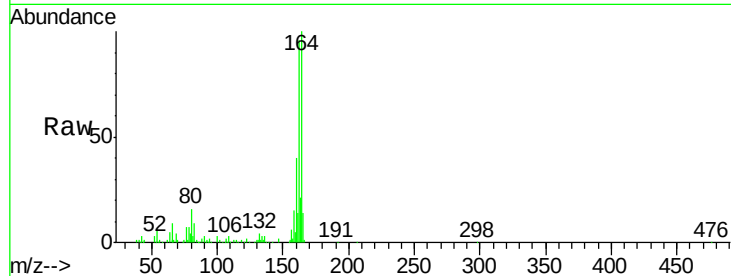
Tgt Ion:164 Resp: 119680

Ion Ratio Lower Upper

164 100

162 96.1 78.8 118.2

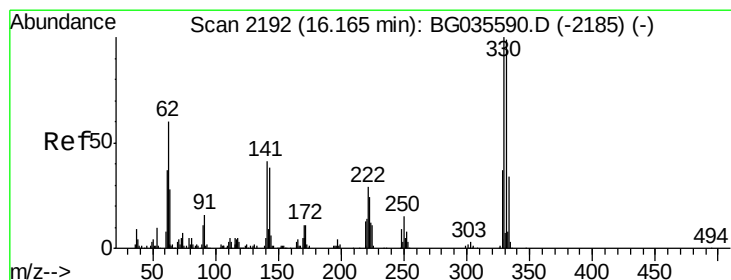
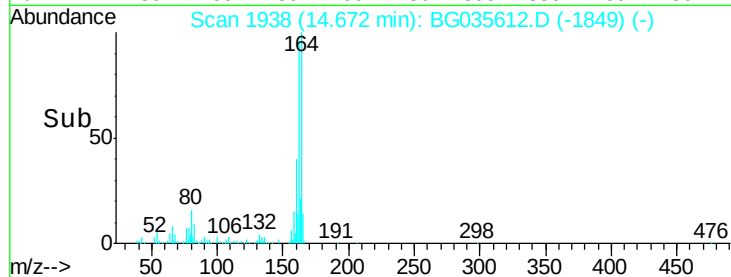
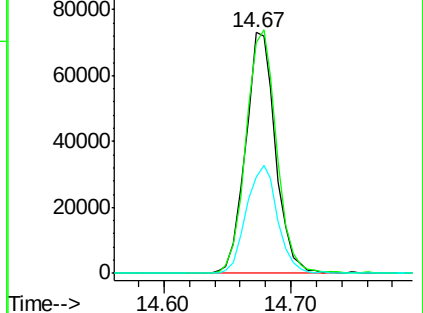
160 40.2 35.4 53.0



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: 163.999 ng

RT: 16.16 min Scan# 2192

Delta R.T. -0.00 min

Lab File: BG035612.D

Acq: 13 Jul 2018 2:22

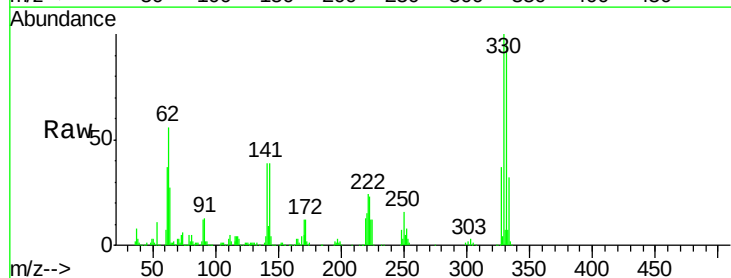
Tgt Ion:330 Resp: 258701

Ion Ratio Lower Upper

330 100

332 95.6 77.0 115.6

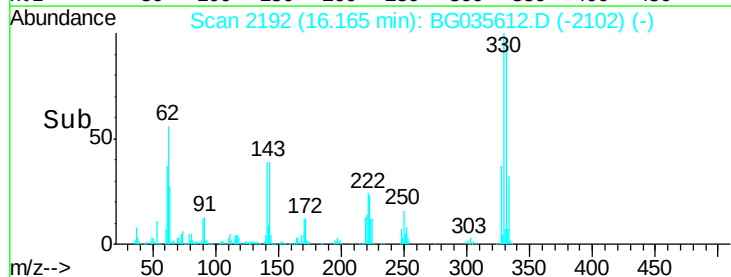
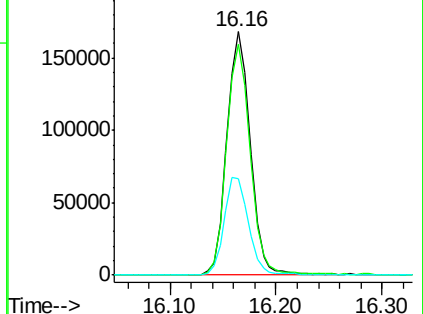
141 41.7 25.2 37.8#

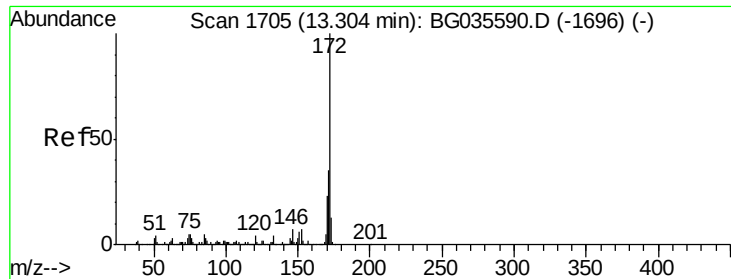


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

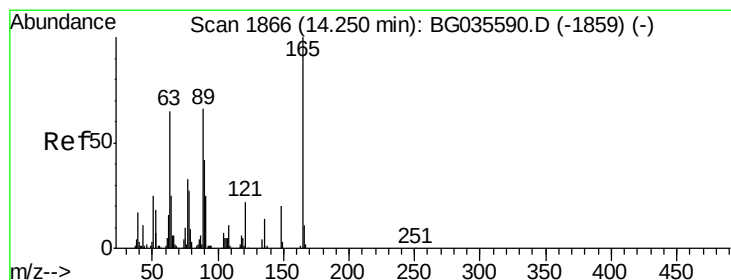
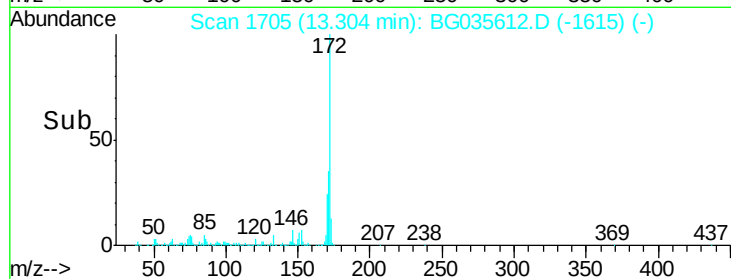
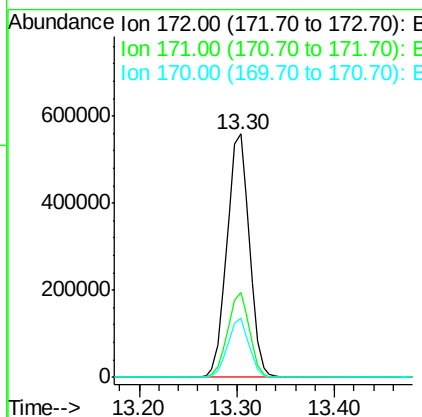
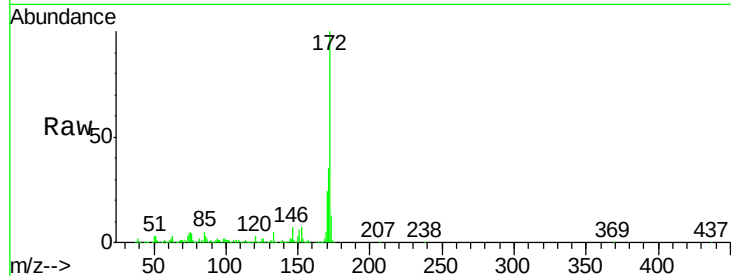




#44
 2-Fluorobiphenyl
 Concen: 100.028 ng
 RT: 13.30 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG035612.D
 Acq: 13 Jul 2018 2:22

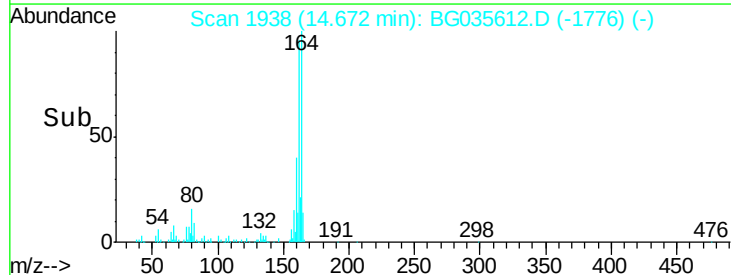
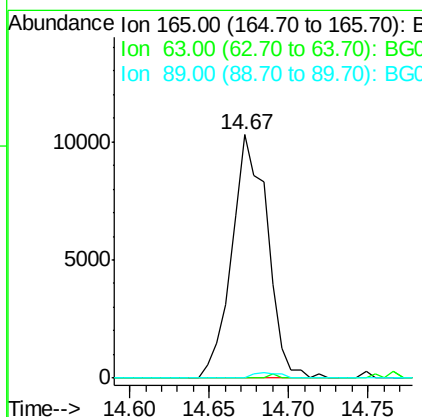
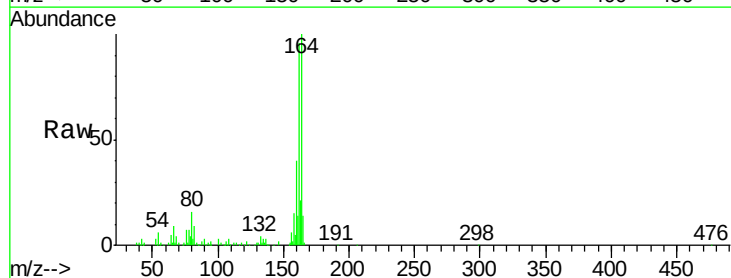
Instrument :
 BNA_G
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 PAR-1-OILY-WATER

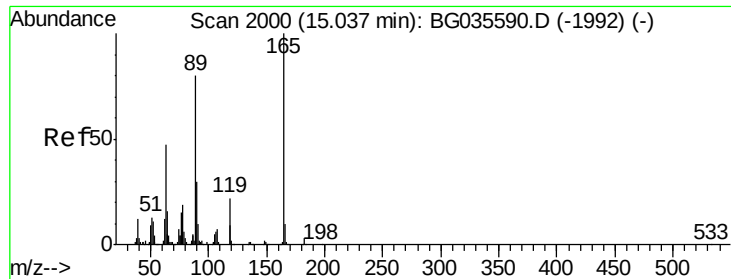
Tgt Ion:172 Resp: 893553
 Ion Ratio Lower Upper
 172 100
 171 35.0 30.0 45.0
 170 24.5 19.5 29.3



#50
 2,6-Dinitrotoluene
 Concen: 7.477 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. 0.42 min
 Lab File: BG035612.D
 Acq: 13 Jul 2018 2:22

Tgt Ion:165 Resp: 15965
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 0.0 49.2 73.8#





#56

2,4-Dinitrotoluene

Concen: 5.212 ng

RT: 14.67 min Scan# 1938

Delta R.T. -0.36 min

Lab File: BG035612.D

Acq: 13 Jul 2018 2:22

Instrument :

BNA_G

ClientSampleId :

PAR-1-OILY-WATER

Tgt Ion:165 Resp: 15965

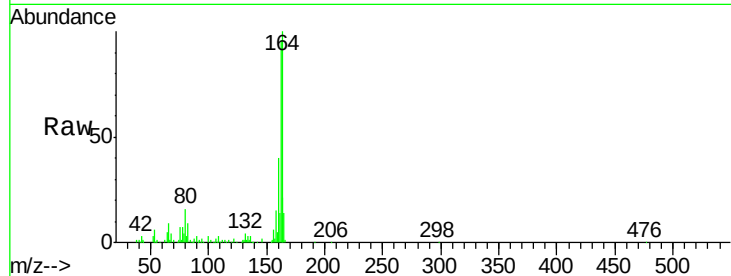
Ion Ratio Lower Upper

165 100

63 0.0 42.0 63.0#

89 0.0 66.9 100.3#

182 0.0 2.6 3.8#

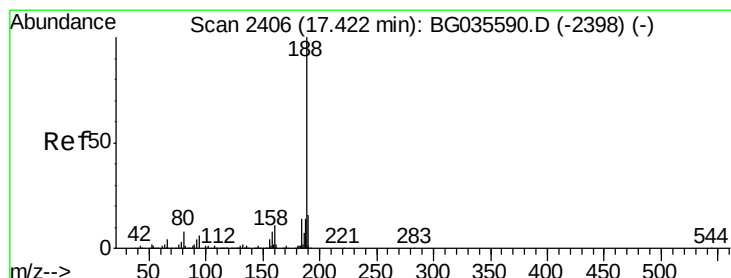
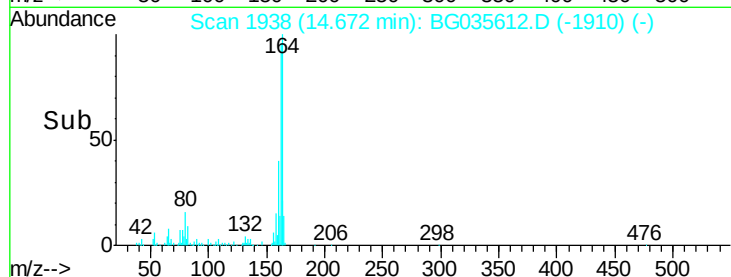
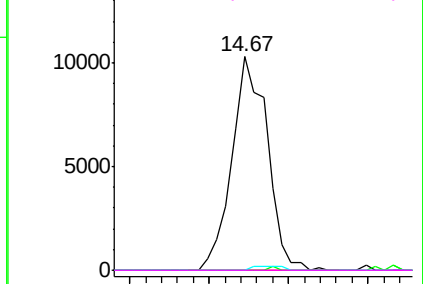


Abundance Ion 165.00 (164.70 to 165.70): E

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. -0.00 min

Lab File: BG035612.D

Acq: 13 Jul 2018 2:22

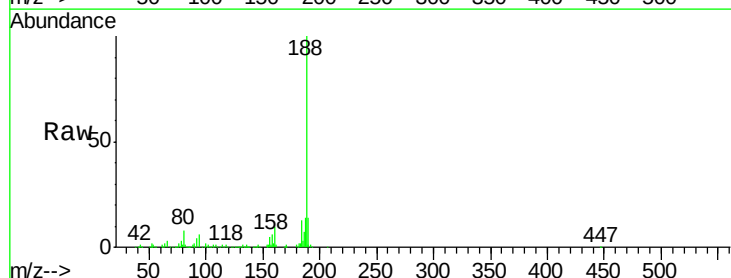
Tgt Ion:188 Resp: 343754

Ion Ratio Lower Upper

188 100

94 6.3 6.9 10.3#

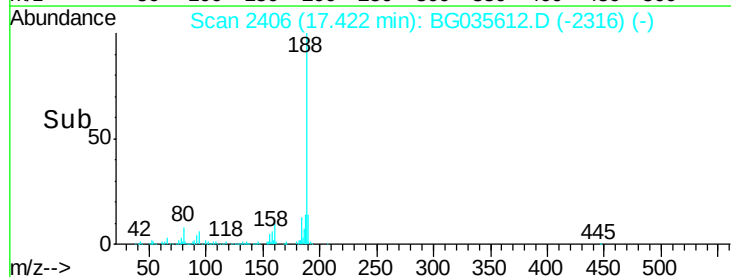
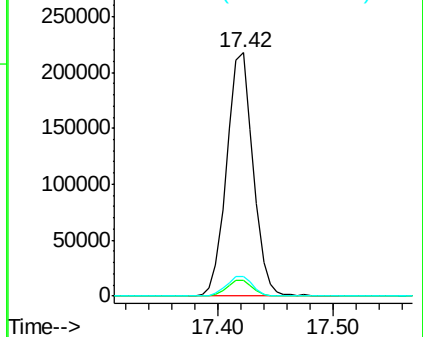
80 8.3 7.7 11.5

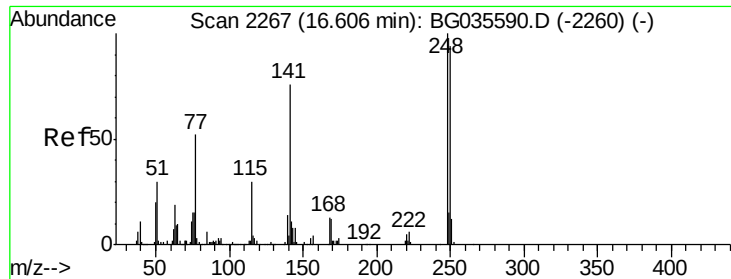


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

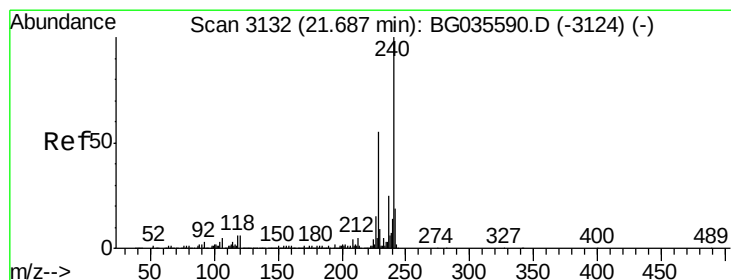
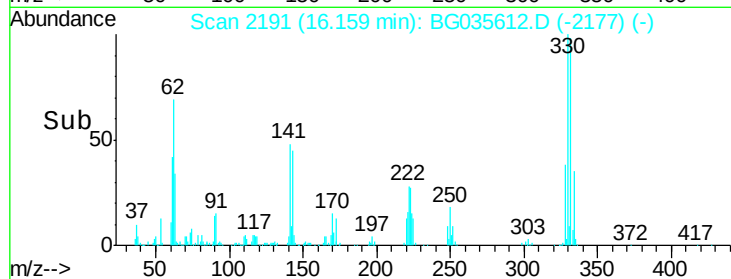
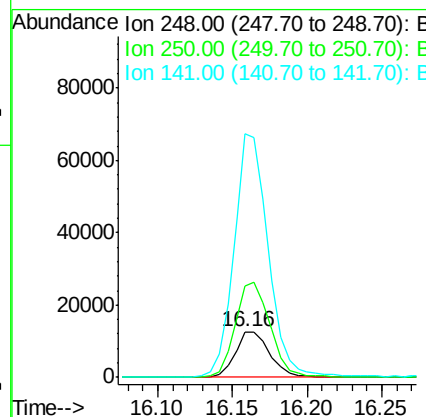
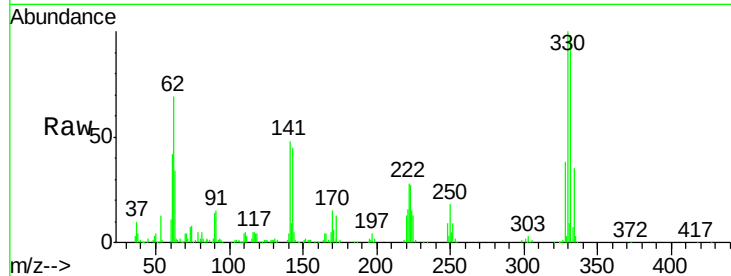




#66
 4-Bromophenyl-phenylether
 Concen: 5.110 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.45 min
 Lab File: BG035612.D
 Acq: 13 Jul 2018 2:22

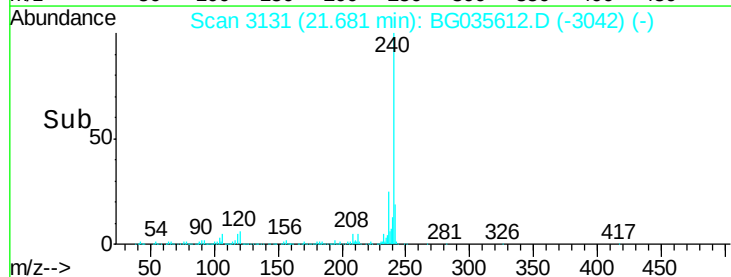
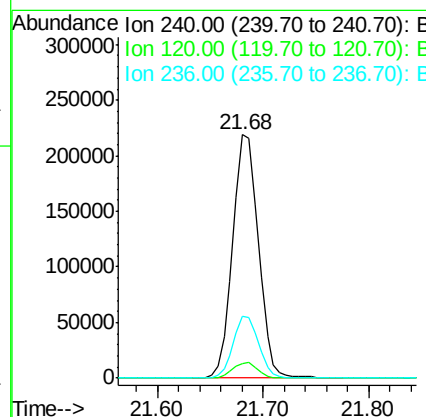
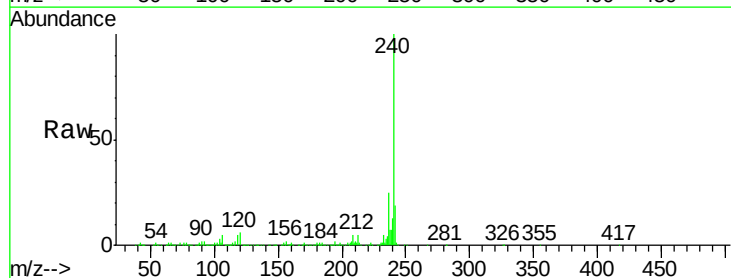
Instrument :
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 PAR-1-OILY-WATER

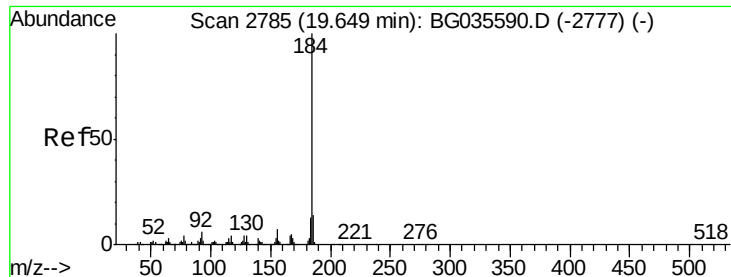
Tgt Ion: 248 Resp: 20378
 Ion Ratio Lower Upper
 248 100
 250 200.0 77.1 115.7#
 141 534.9 50.8 76.2#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3131
 Delta R.T. -0.01 min
 Lab File: BG035612.D
 Acq: 13 Jul 2018 2:22

Tgt Ion: 240 Resp: 368958
 Ion Ratio Lower Upper
 240 100
 120 6.0 6.8 10.2#
 236 25.5 20.9 31.3





#76

Benzidine

Concen: 3.331 ng

RT: 20.02 min Scan# 2849

Delta R.T. 0.38 min

Lab File: BG035612.D

Acq: 13 Jul 2018 2:22

Instrument :

BNA_G

ClientSampleId :

PAR-1-OILY-WATER

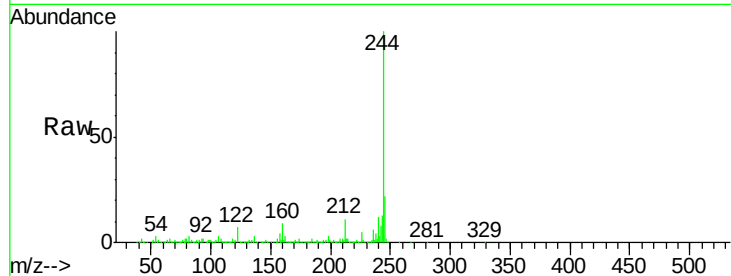
Tgt Ion:184 Resp: 32309

Ion Ratio Lower Upper

184 100

185 16.6 11.1 16.7

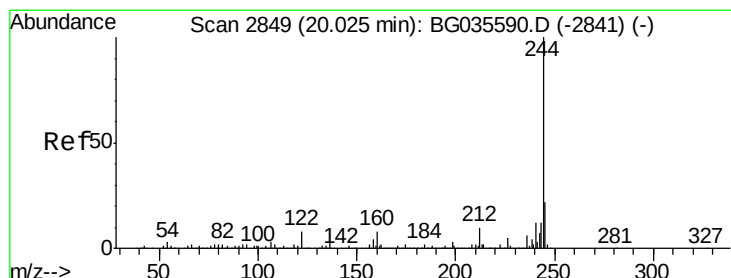
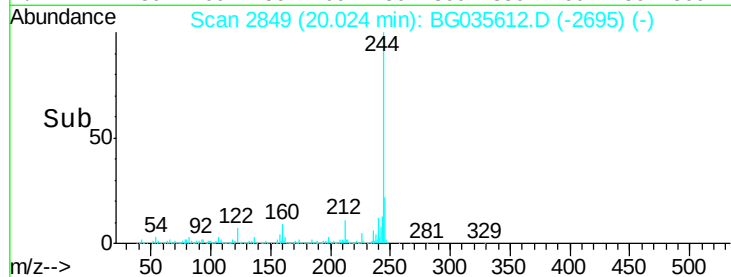
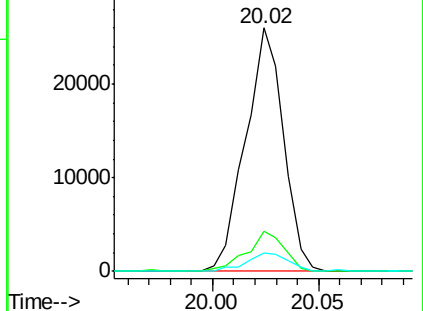
183 7.6 10.6 16.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 100.611 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG035612.D

Acq: 13 Jul 2018 2:22

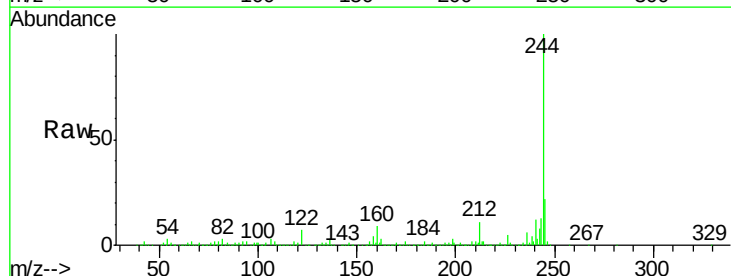
Tgt Ion:244 Resp: 1684042

Ion Ratio Lower Upper

244 100

212 10.5 5.8 8.8#

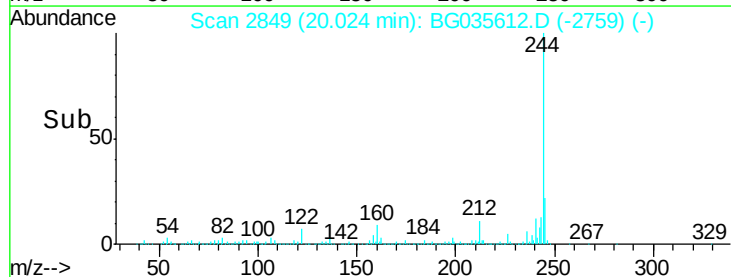
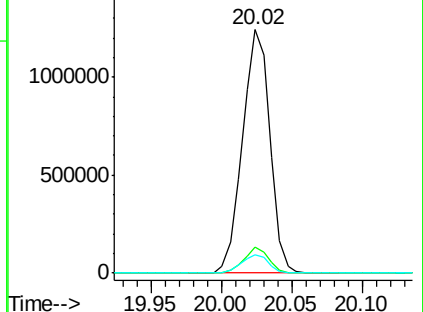
122 7.4 7.0 10.4

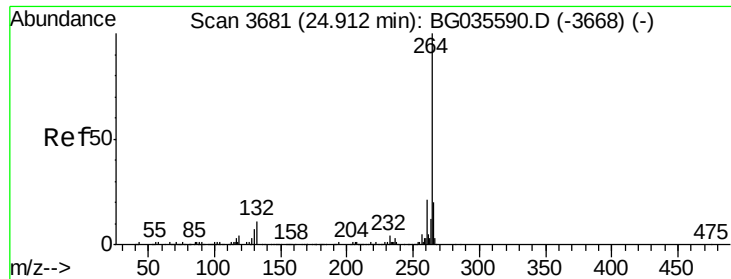


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.91 min Scan# 3680
Delta R.T. -0.01 min
Lab File: BG035612.D
Acq: 13 Jul 2018 2:22

Instrument :
BNA_G
ClientSampleId :
PAR-1-OILY-WATER

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.5	17.4	26.0
265	22.1	17.7	26.5

