

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062119\
 Data File : BG041387.D
 Acq On : 21 Jun 2019 21:51
 Operator : HP/JU
 Sample : K3433-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OILY-WATER

Quant Time: Jun 22 01:05:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 14:58:02 2019
 Response via : Initial Calibration

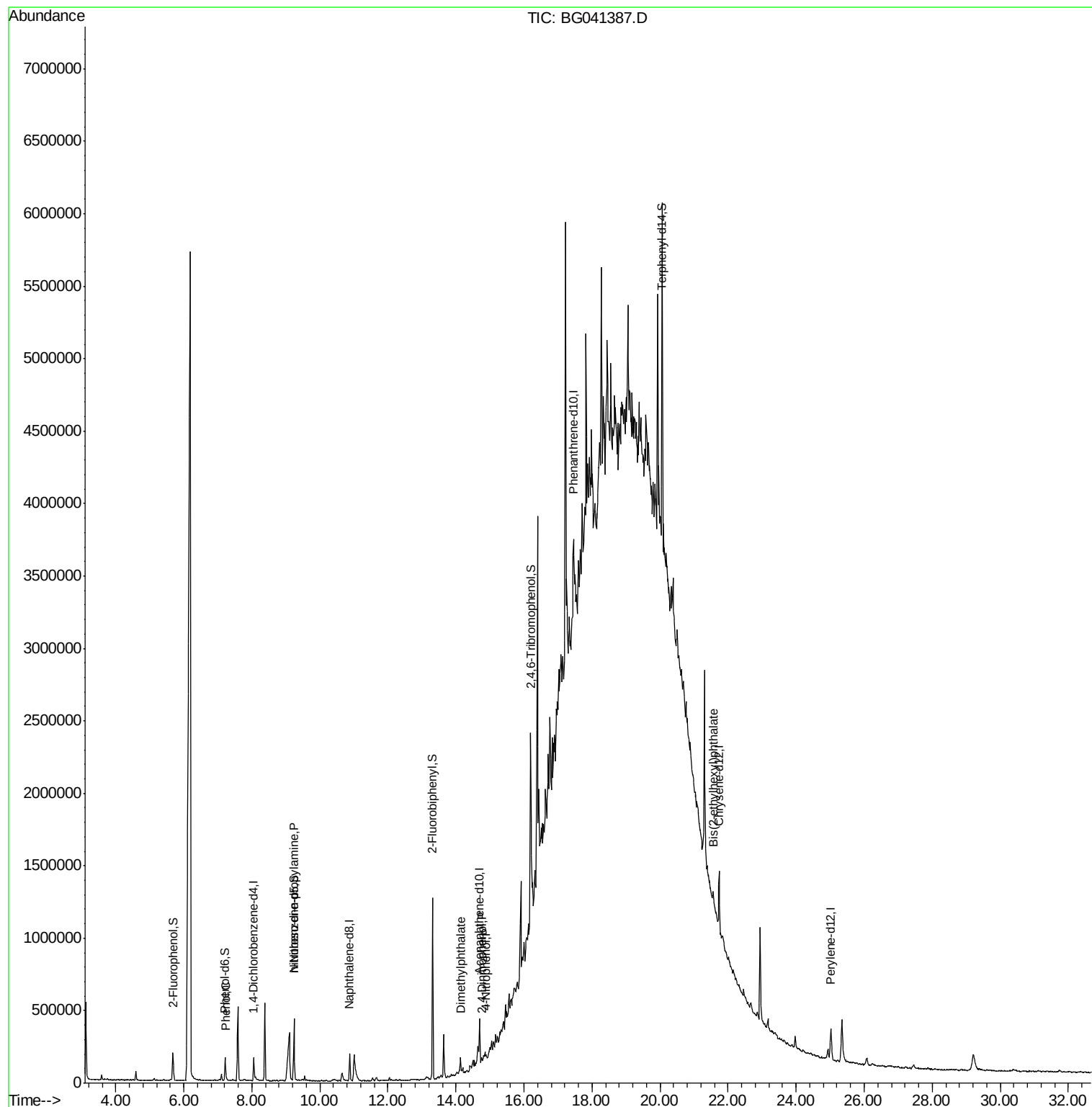
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	39105	20.00	ng	-0.03
21) Naphthalene-d8	10.88	136	146629	20.00	ng	-0.03
39) Acenaphthene-d10	14.70	164	97932	20.00	ng	-0.03
64) Phenanthrene-d10	17.45	188	242822	20.00	ng	-0.01
76) Chrysene-d12	21.73	240	246192	20.00	ng	0.00
87) Perylene-d12	25.02	264	244742	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	97258	45.70	ng	0.06
7) Phenol-d6	7.22	99	84676	27.45	ng	-0.02
23) Nitrobenzene-d5	9.24	82	257876	73.96	ng	-0.03
42) 2,4,6-Tribromophenol	16.19	330	162578	108.13	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	610662	84.75	ng	-0.03
79) Terphenyl-d14	20.06	244	1033355	83.18	ng	0.00
Target Compounds						
10) Phenol	7.25	94	7277	2.194	ng	93
19) n-Nitroso-di-n-propylamine	9.24	70	37430	15.002	ng	# 80
50) Dimethylphthalate	14.14	163	48678	5.586	ng	99
54) 2,4-Dinitrophenol	14.75	184	56	4.886	ng	# 1
56) 4-Nitrophenol	14.88	139	378	3.479	ng	# 1
84) Bis(2-ethylhexyl)phthalate	21.57	149	18345	2.143	ng	# 77

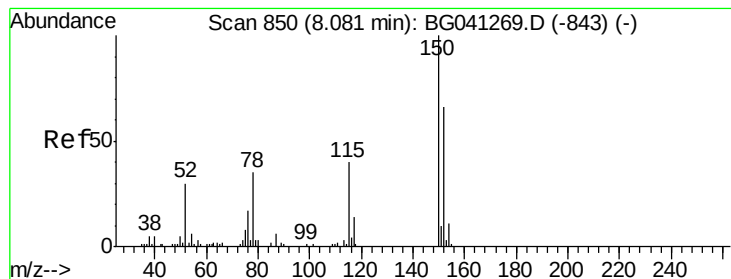
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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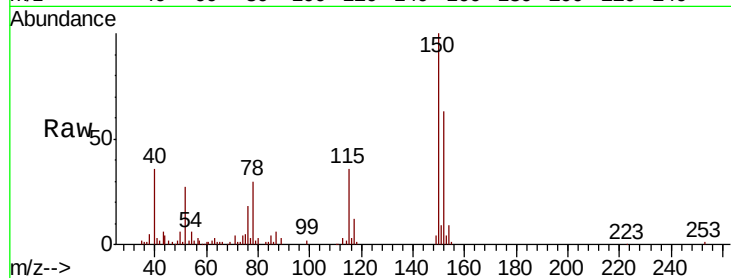


#1

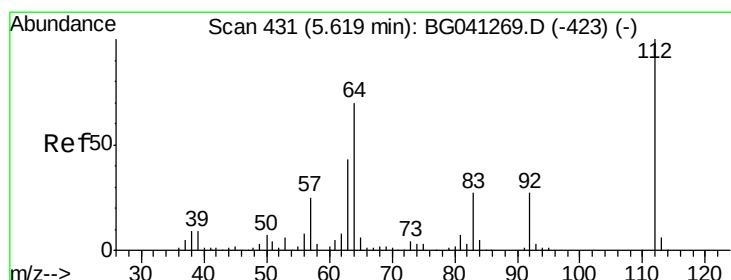
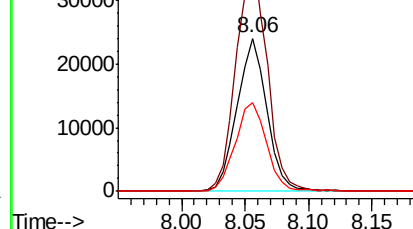
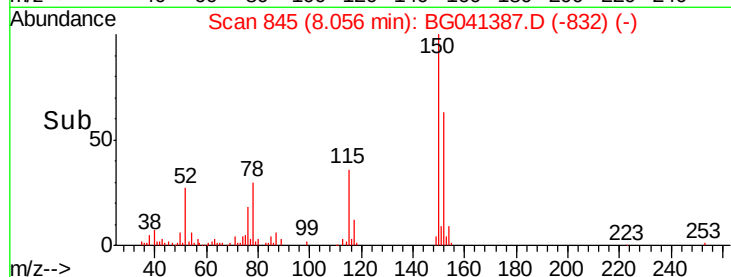
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 845
Delta R.T. -0.03 min
Lab File: BG041387.D
Acq: 21 Jun 2019 21:51

Instrument :
BNA_G
ClientSampleId :
OILY-WATER

Tgt Ion:152 Resp: 39105
Ion Ratio Lower Upper
152 100
150 159.0 120.6 181.0
115 57.9 47.9 71.9



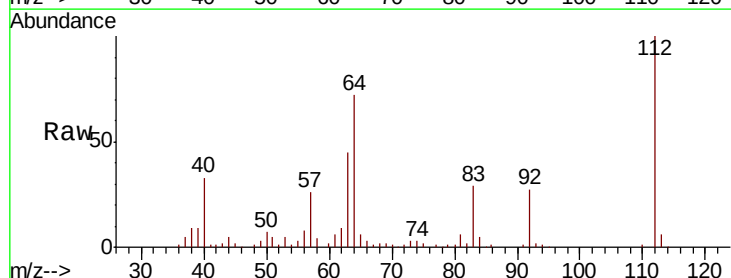
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



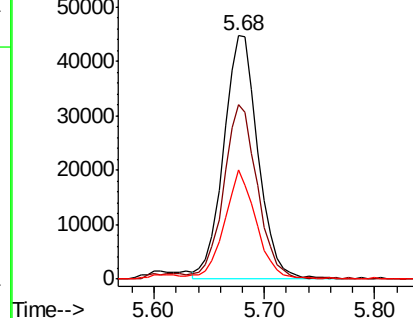
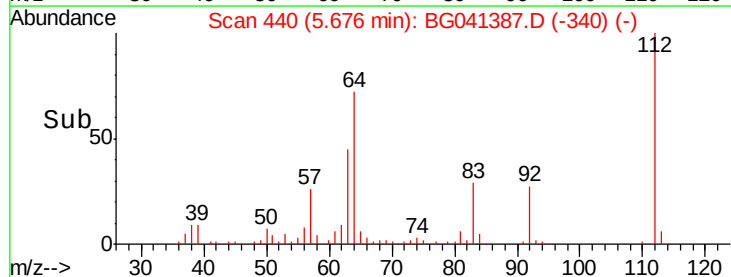
#5

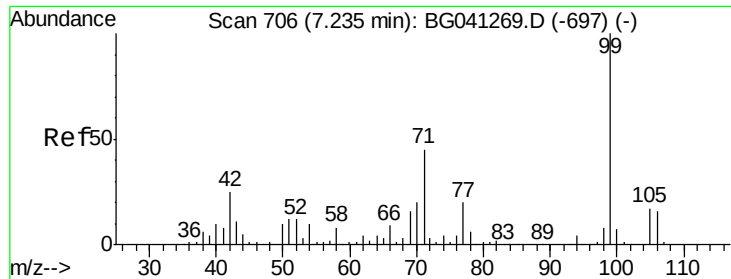
2-Fluorophenol
Concen: 45.698 ng
RT: 5.68 min Scan# 440
Delta R.T. 0.06 min
Lab File: BG041387.D
Acq: 21 Jun 2019 21:51

Tgt Ion:112 Resp: 97258
Ion Ratio Lower Upper
112 100
64 71.8 55.9 83.9
63 44.7 34.6 51.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 27.448 ng

RT: 7.22 min Scan# 702

Delta R.T. -0.02 min

Lab File: BG041387.D

Acq: 21 Jun 2019 21:51

Instrument :

BNA_G

ClientSampleId :

OILY-WATER

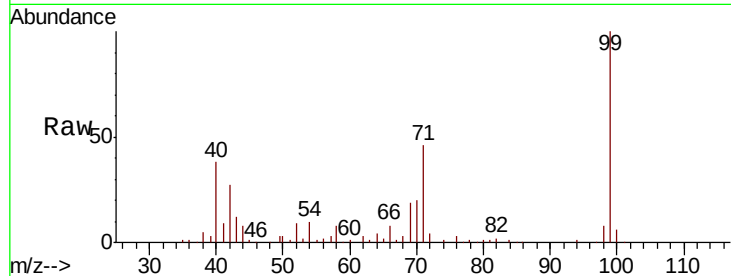
Tgt Ion: 99 Resp: 84676

Ion Ratio Lower Upper

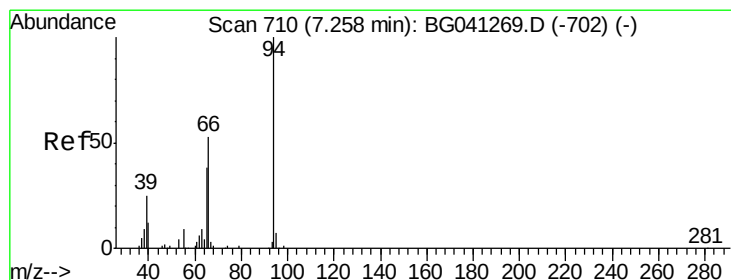
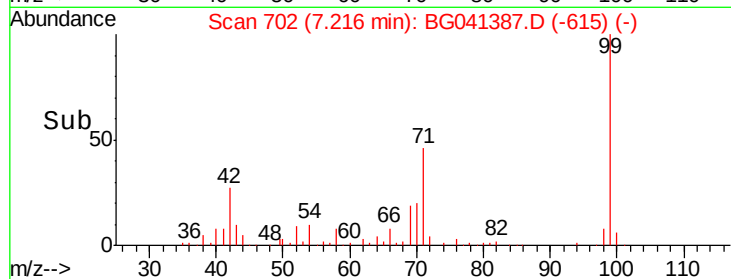
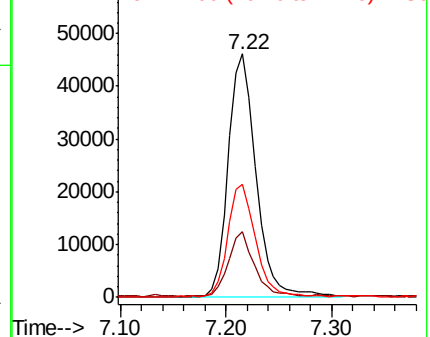
99 100

42 27.0 19.9 29.9

71 46.2 36.4 54.6



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: 2.194 ng

RT: 7.25 min Scan# 707

Delta R.T. -0.01 min

Lab File: BG041387.D

Acq: 21 Jun 2019 21:51

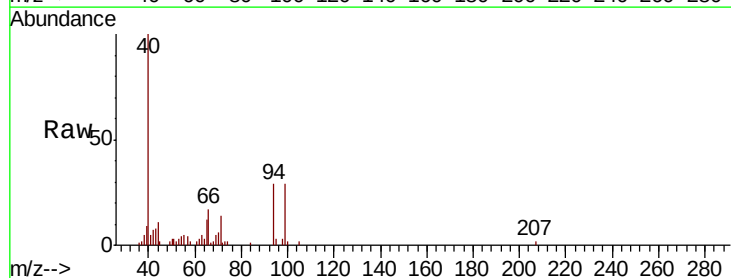
Tgt Ion: 94 Resp: 7277

Ion Ratio Lower Upper

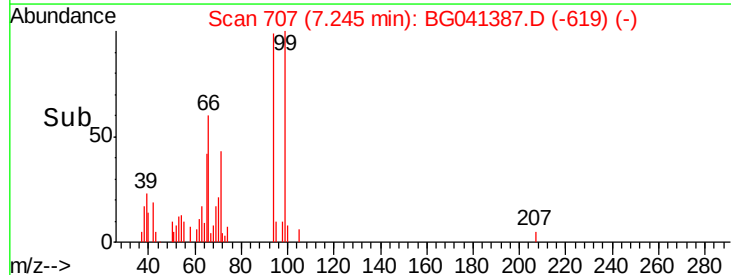
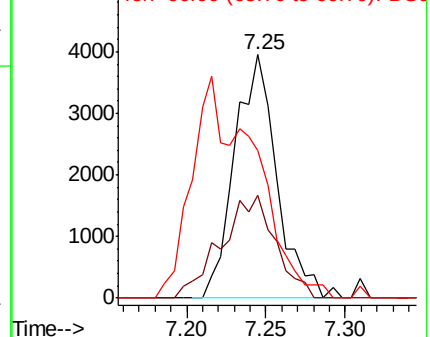
94 100

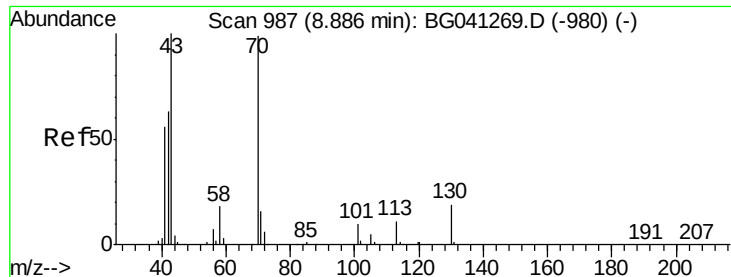
65 42.3 18.7 58.7

66 60.8 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





#19

n-Nitroso-di-n-propylamine

Concen: 15.002 ng

RT: 9.24 min Scan# 1046

Delta R.T. 0.35 min

Lab File: BG041387.D

Acq: 21 Jun 2019 21:51

Instrument :

BNA_G

ClientSampleId :

OILY-WATER

Tgt Ion: 70 Resp: 37430

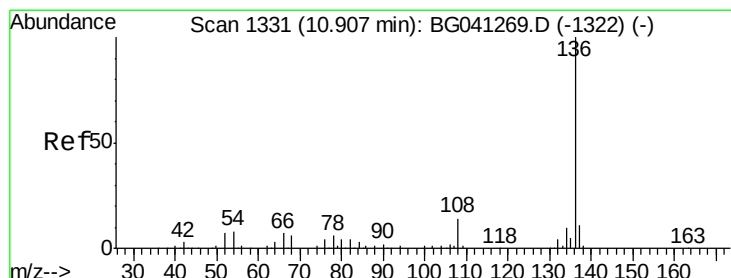
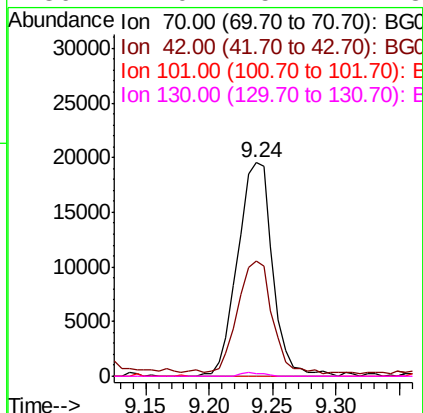
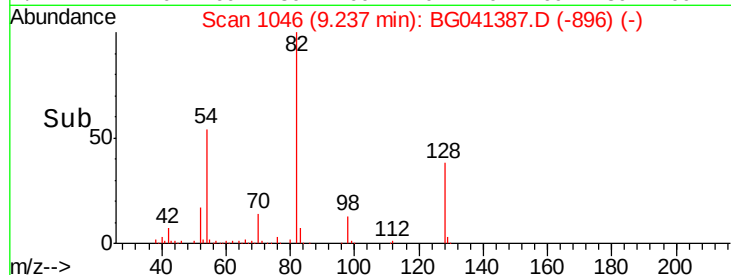
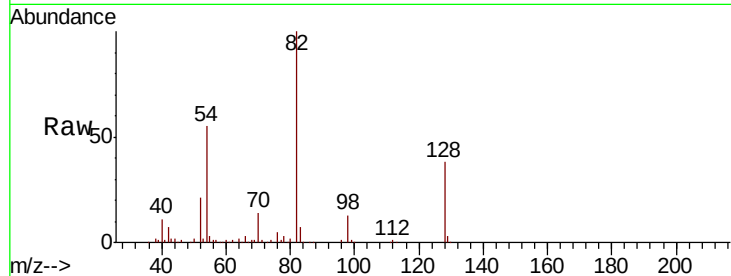
Ion Ratio Lower Upper

70 100

42 54.2 51.4 77.2

101 0.0 8.2 12.2#

130 1.0 15.2 22.8#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.88 min Scan# 1325

Delta R.T. -0.03 min

Lab File: BG041387.D

Acq: 21 Jun 2019 21:51

Tgt Ion: 136 Resp: 146629

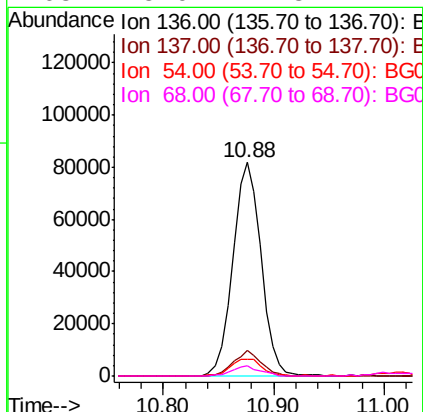
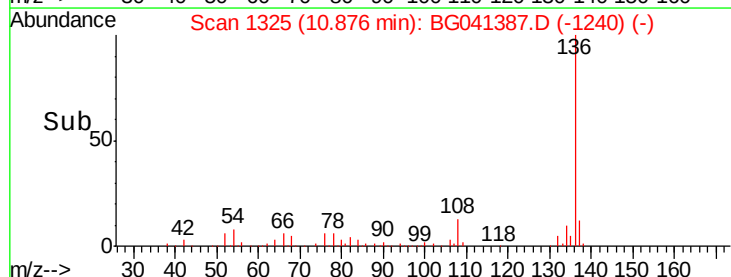
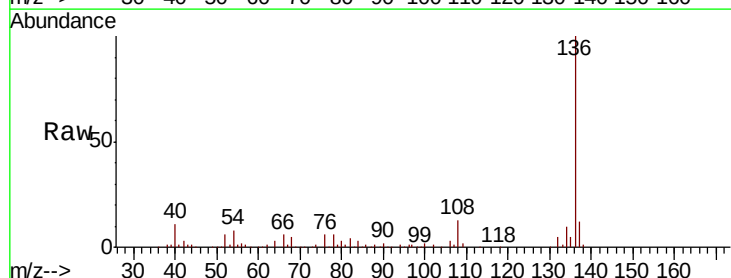
Ion Ratio Lower Upper

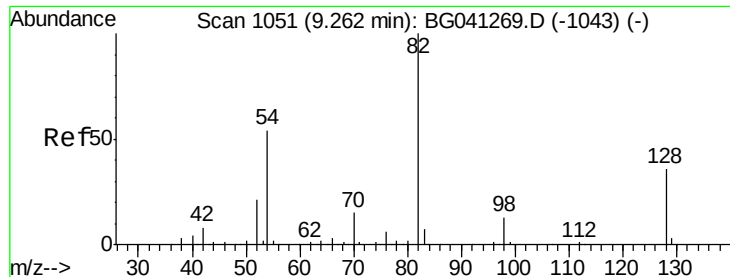
136 100

137 11.8 8.8 13.2

54 8.0 6.4 9.6

68 5.0 4.8 7.2





#23

Nitrobenzene-d5

Concen: 73.964 ng

RT: 9.24 min Scan# 1046

Delta R.T. -0.03 min

Lab File: BG041387.D

Acq: 21 Jun 2019 21:51

Instrument :

BNA_G

ClientSampleId :

OILY-WATER

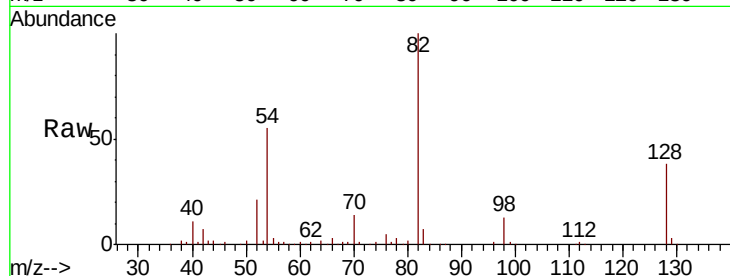
Tgt Ion: 82 Resp: 257876

Ion Ratio Lower Upper

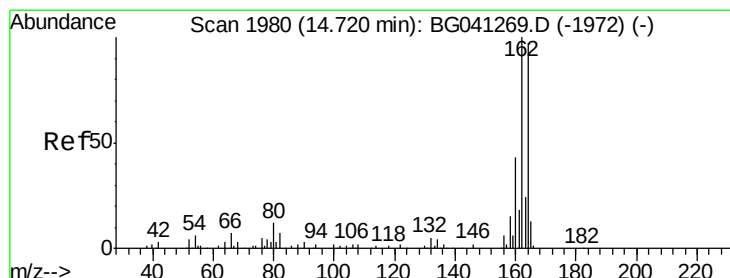
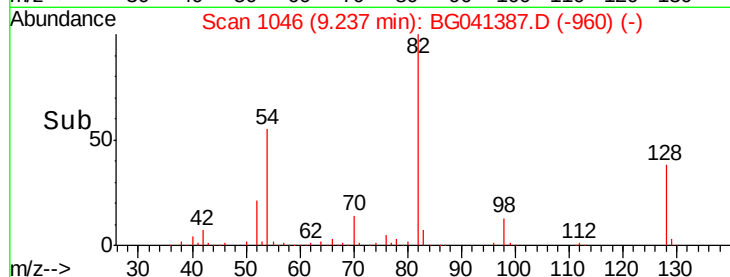
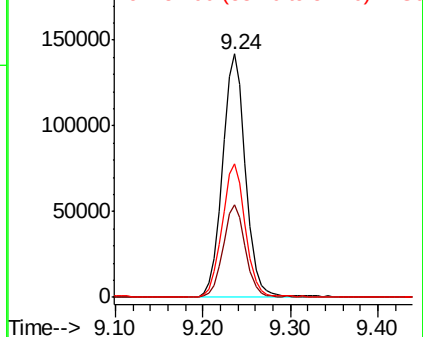
82 100

128 38.0 29.2 43.8

54 54.9 43.4 65.0



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1975

Delta R.T. -0.03 min

Lab File: BG041387.D

Acq: 21 Jun 2019 21:51

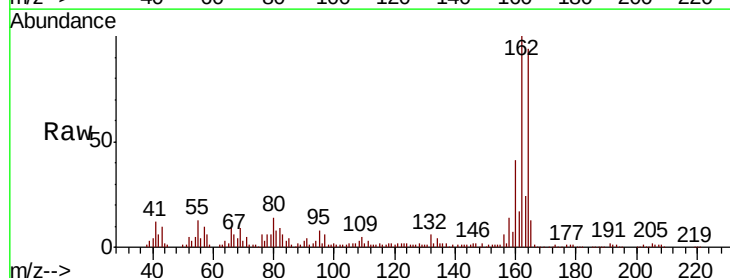
Tgt Ion: 164 Resp: 97932

Ion Ratio Lower Upper

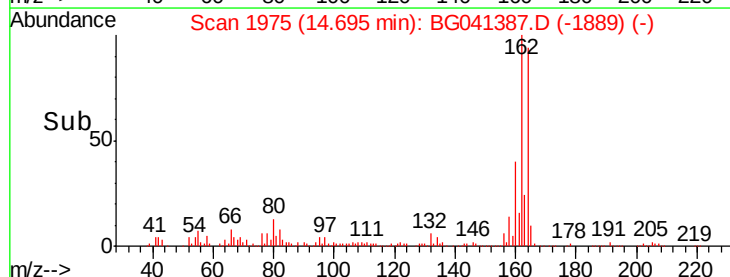
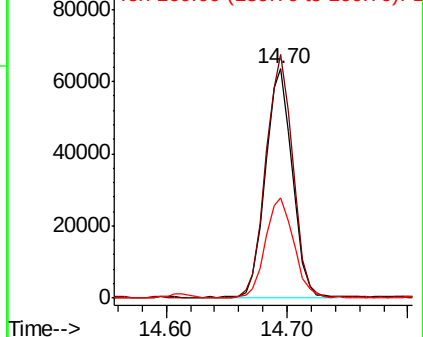
164 100

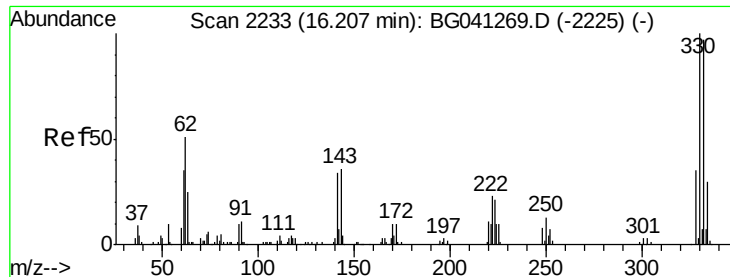
162 106.2 82.8 124.2

160 43.6 35.8 53.8



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





#42

2,4,6-Tribromophenol

Concen: 108.135 ng

RT: 16.19 min Scan# 2230

Delta R.T. -0.01 min

Lab File: BG041387.D

Acq: 21 Jun 2019 21:51

Instrument :

BNA_G

ClientSampleId :

OILY-WATER

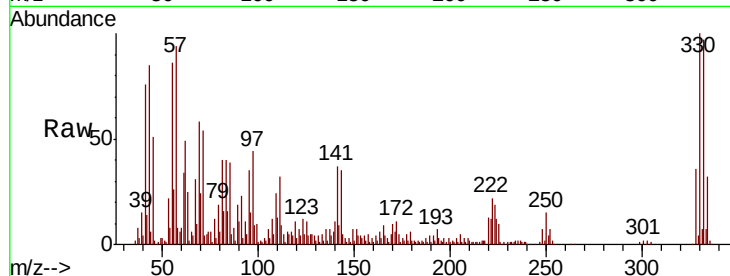
Tgt Ion:330 Resp: 162578

Ion Ratio Lower Upper

330 100

332 95.9 75.5 113.3

141 39.1 29.0 43.4

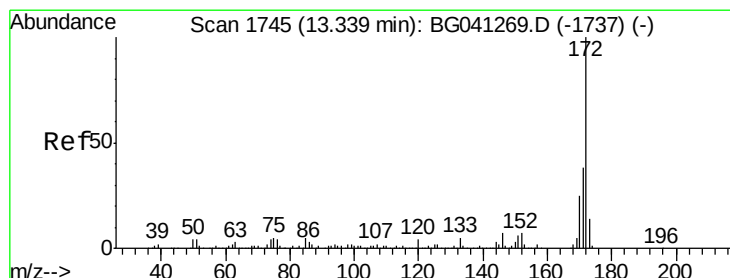
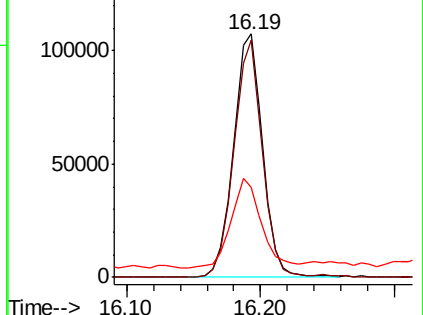
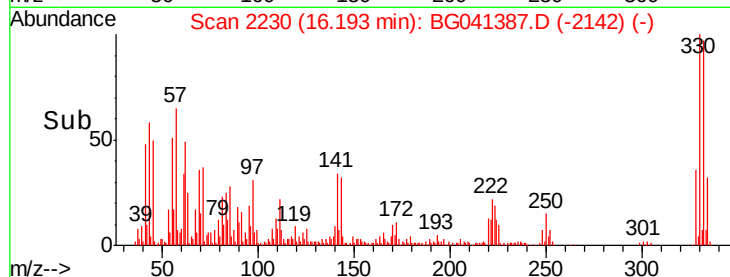


Abundance

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



#45

2-Fluorobiphenyl

Concen: 84.751 ng

RT: 13.31 min Scan# 1740

Delta R.T. -0.03 min

Lab File: BG041387.D

Acq: 21 Jun 2019 21:51

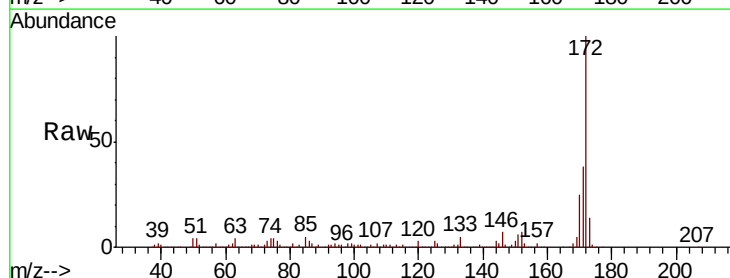
Tgt Ion:172 Resp: 610662

Ion Ratio Lower Upper

172 100

171 37.8 30.0 45.0

170 25.3 19.8 29.6

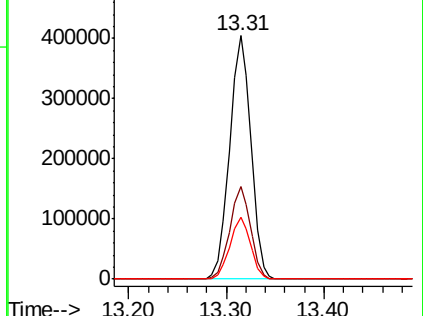
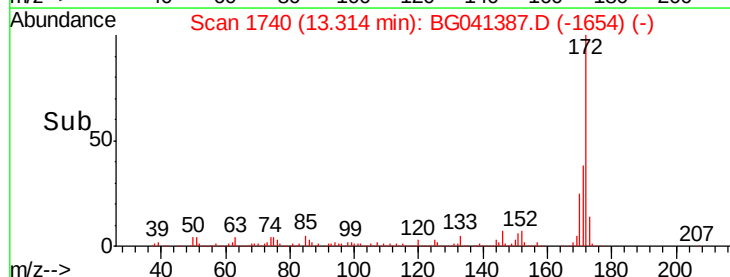


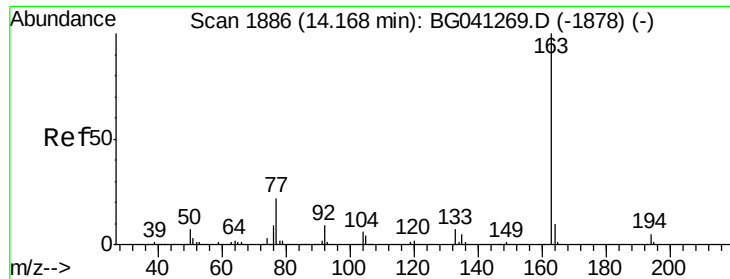
Abundance

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





#50

Dimethylphthalate

Concen: 5.586 ng

RT: 14.14 min Scan# 1880

Delta R.T. -0.03 min

Lab File: BG041387.D

Acq: 21 Jun 2019 21:51

Instrument :

BNA_G

ClientSampleId :

OILY-WATER

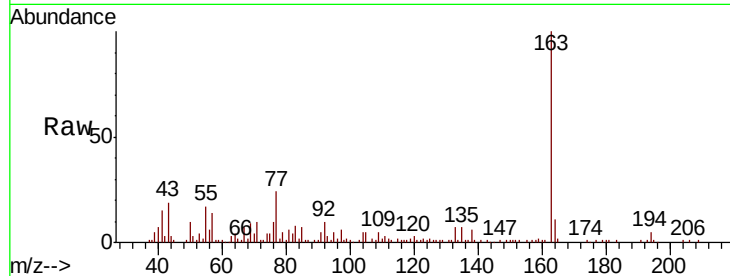
Tgt Ion:163 Resp: 48678

Ion Ratio Lower Upper

163 100

194 4.6 3.9 5.9

164 11.0 8.3 12.5

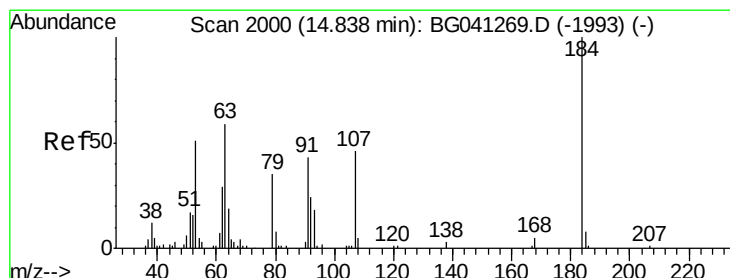
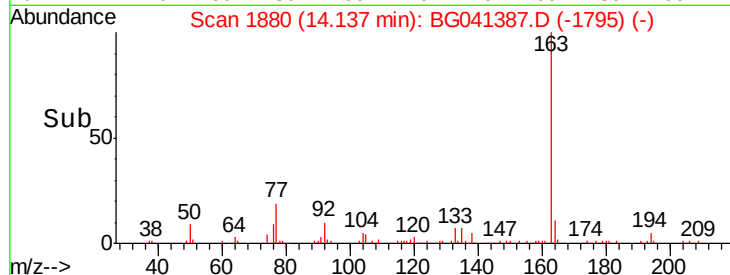
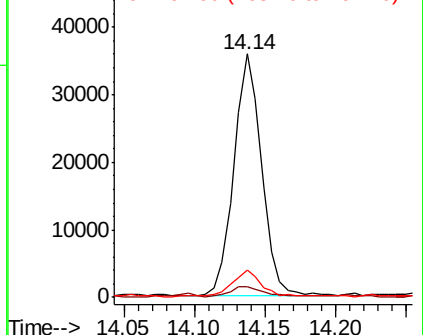


Abundance

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



#54

2,4-Dinitrophenol

Concen: 4.886 ng

RT: 14.75 min Scan# 1985

Delta R.T. -0.08 min

Lab File: BG041387.D

Acq: 21 Jun 2019 21:51

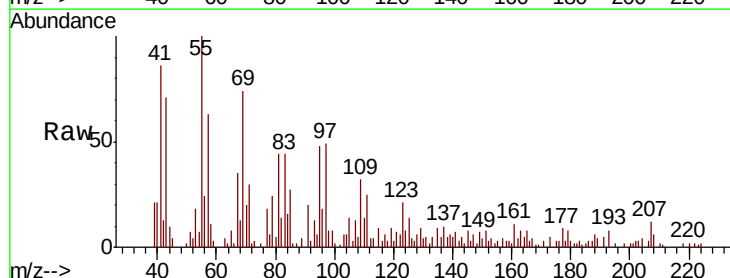
Tgt Ion:184 Resp: 56

Ion Ratio Lower Upper

184 100

63 280.5 60.0 90.0#

154 110.7 58.3 87.5#

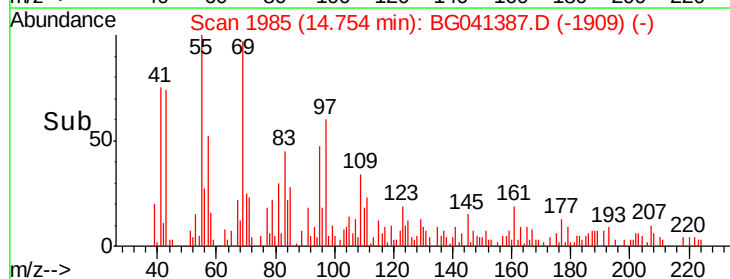
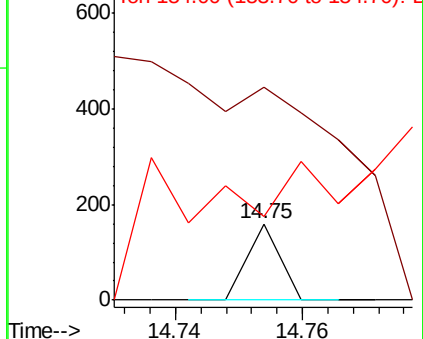


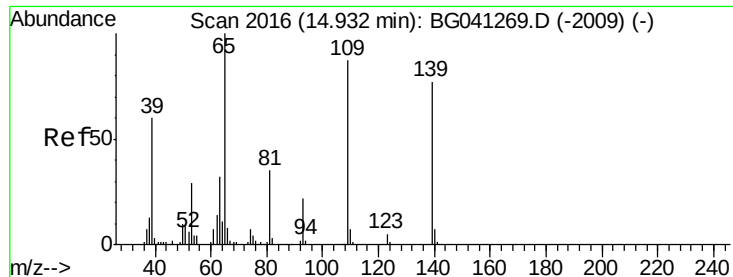
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E

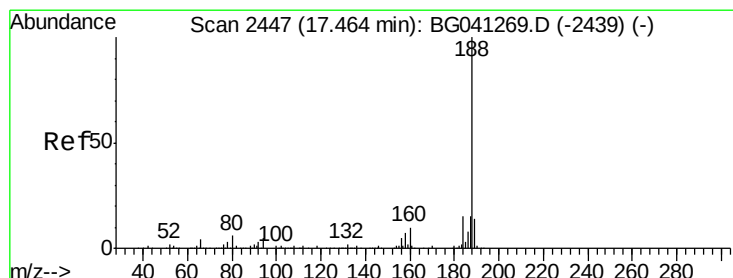
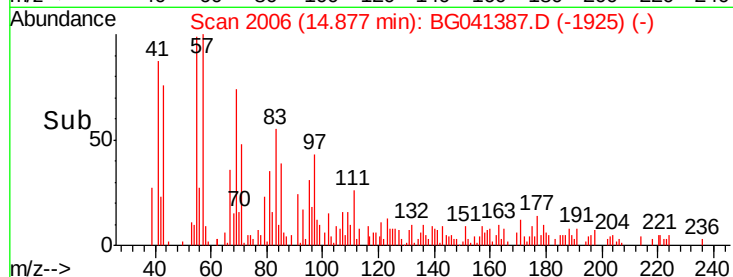
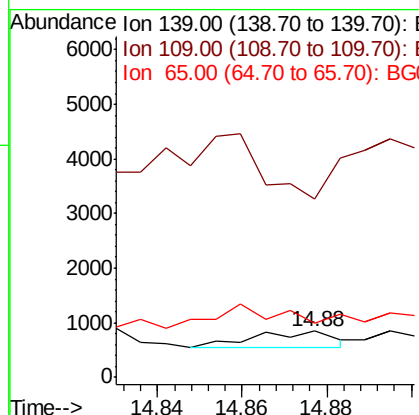
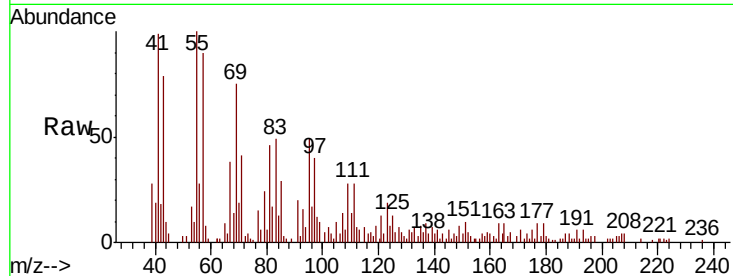




#56
4-Nitrophenol
Concen: 3.479 ng
RT: 14.88 min Scan# 2006
Delta R.T. -0.05 min
Lab File: BG041387.D
Acq: 21 Jun 2019 21:51

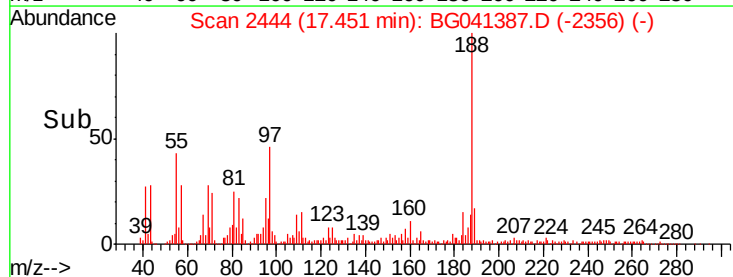
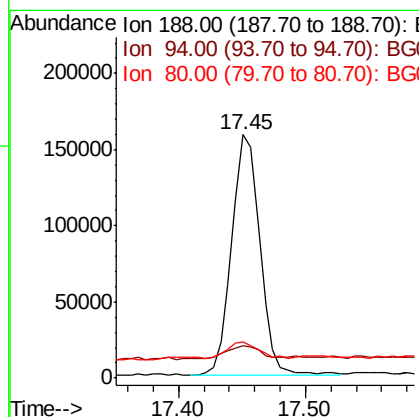
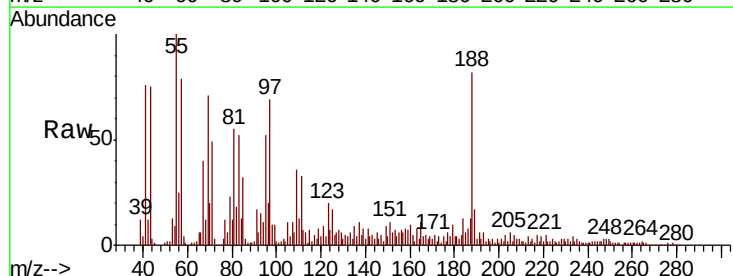
Instrument :
BNA_G
ClientSampleId :
OILY-WATER

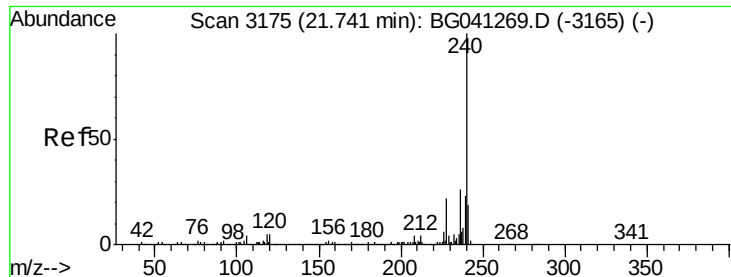
Tgt Ion:139 Resp: 378
Ion Ratio Lower Upper
139 100
109 384.9 93.2 133.2#
65 117.8 110.2 150.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.01 min
Lab File: BG041387.D
Acq: 21 Jun 2019 21:51

Tgt Ion:188 Resp: 242822
Ion Ratio Lower Upper
188 100
94 13.5 3.6 5.4#
80 15.0 4.8 7.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.73 min Scan# 3173

Delta R.T. -0.01 min

Lab File: BG041387.D

Acq: 21 Jun 2019 21:51

Instrument :

BNA_G

ClientSampleId :

OILY-WATER

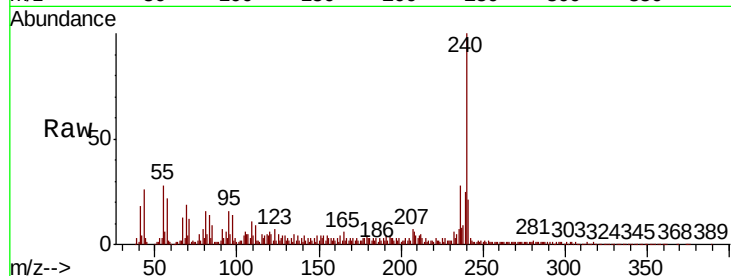
Tgt Ion:240 Resp: 246192

Ion Ratio Lower Upper

240 100

120 6.1 3.7 5.5#

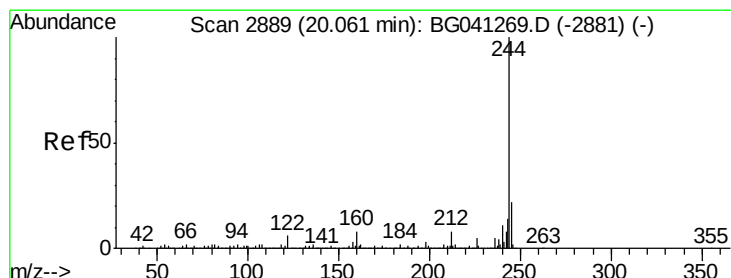
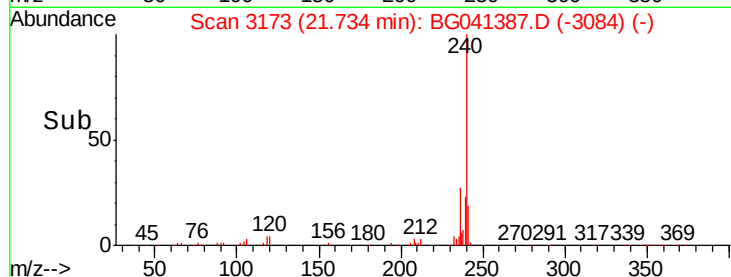
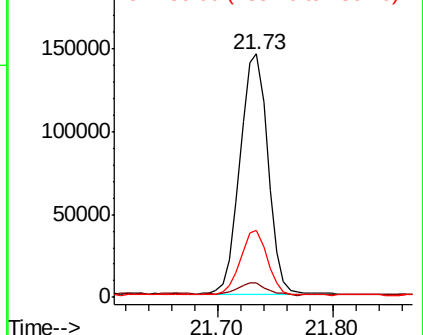
236 27.6 21.1 31.7



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



#79

Terphenyl-d14

Concen: 83.183 ng

RT: 20.06 min Scan# 2888

Delta R.T. -0.00 min

Lab File: BG041387.D

Acq: 21 Jun 2019 21:51

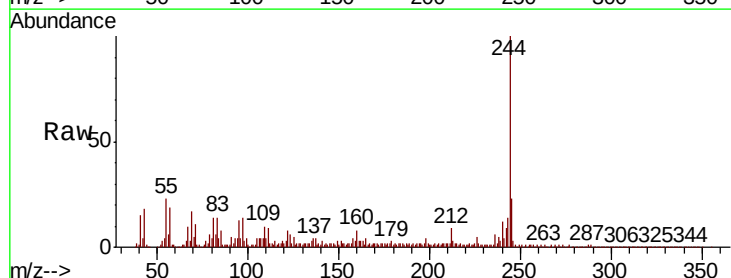
Tgt Ion:244 Resp: 1033355

Ion Ratio Lower Upper

244 100

212 8.9 6.6 10.0

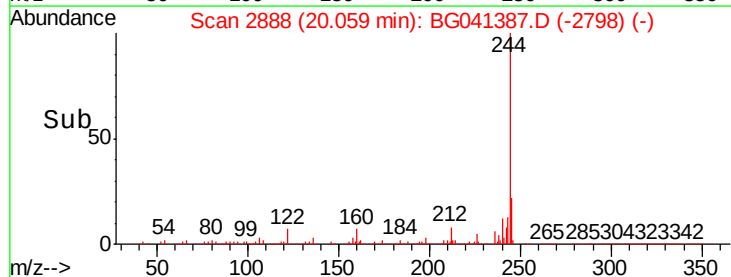
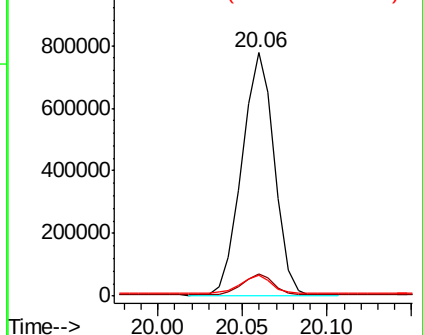
122 8.4 5.0 7.4#

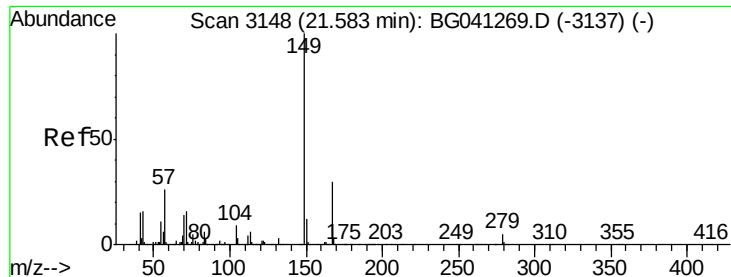


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.143 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG041387.D

Acq: 21 Jun 2019 21:51

Instrument :

BNA_G

ClientSampleId :

OILY-WATER

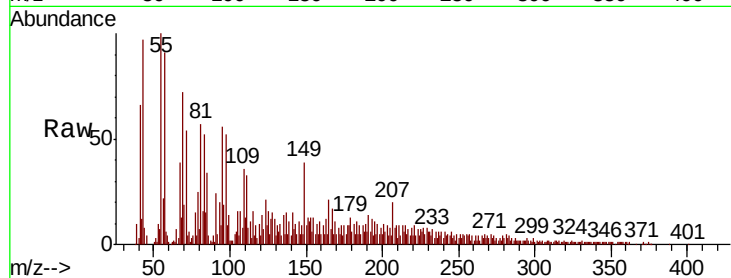
Tgt Ion:149 Resp: 18345

Ion Ratio Lower Upper

149 100

167 43.5 23.8 35.8#

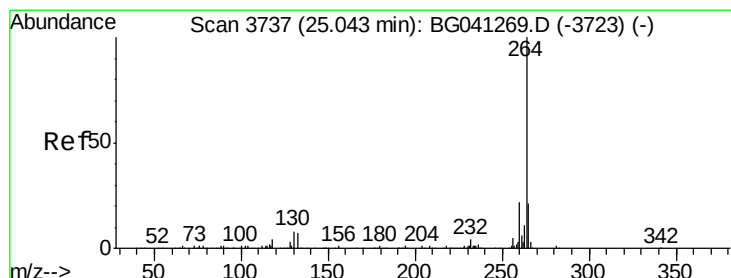
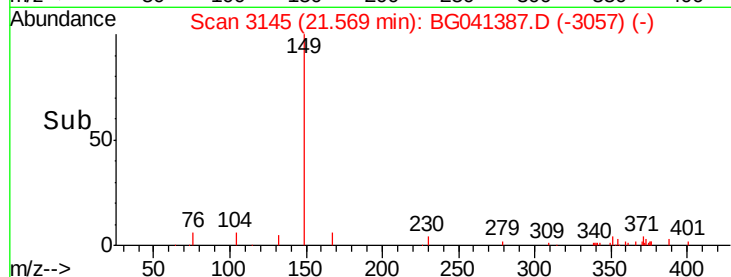
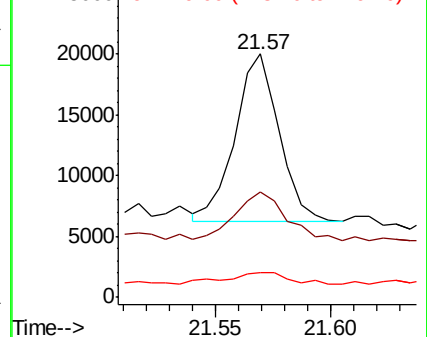
279 10.0 4.4 6.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.02 min Scan# 3732

Delta R.T. -0.03 min

Lab File: BG041387.D

Acq: 21 Jun 2019 21:51

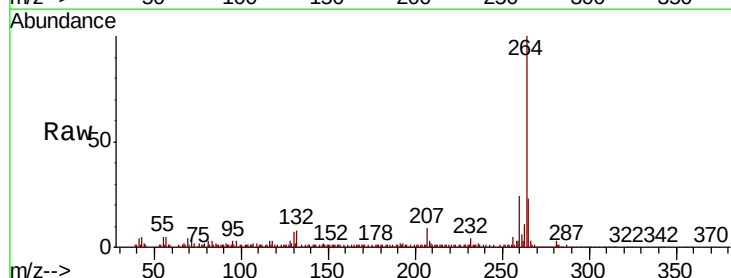
Tgt Ion:264 Resp: 244742

Ion Ratio Lower Upper

264 100

260 23.6 17.4 26.2

265 22.6 17.2 25.8



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

