

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
 Data File : BF107702.D
 Acq On : 26 Jul 2018 16:24
 Operator : JU/SJ
 Sample : J4167-01 10X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GS-OILY-WATER

Quant Time: Jul 26 16:59:39 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 16:29:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	156850	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	686284	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	327975	20.00	ng	-0.02
63) Phenanthrene-d10	11.50	188	653983	20.00	ng	-0.02
75) Chrysene-d12	14.15	240	468739	20.00	ng	-0.02
86) Perylene-d12	15.68	264	449781	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.62	112	12707	1.30	ng	0.02
7) Phenol-d6	6.62	99	25684	2.19	ng	0.00
23) Nitrobenzene-d5	7.53	82	105889	10.41	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	68540	18.38	ng	-0.02
44) 2-Fluorobiphenyl	9.31	172	282656	8.36	ng	-0.02
78) Terphenyl-d14	13.08	244	285089	15.57	ng	-0.02

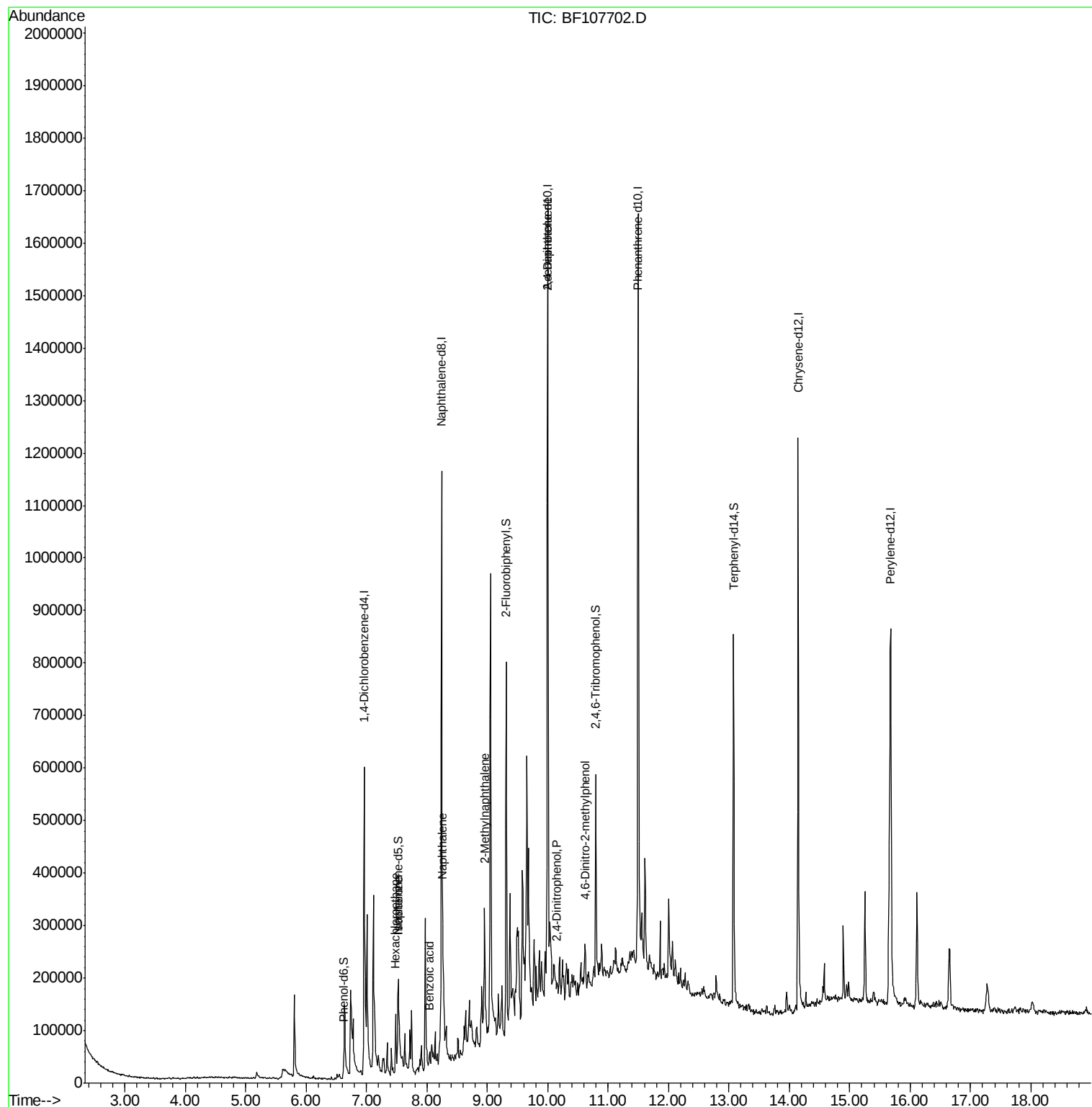
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.51	77	1048	Below Cal	#	1
18) Hexachloroethane	7.48	117	9191	2.158	ng	# 1
25) Isophorone	7.53	82	105889	4.877	ng	# 65
31) Naphthalene	8.27	128	62560	2.073	ng	# 97
32) Benzoic acid	8.04	122	4355	8.459	ng	# 52
37) 2-Methylnaphthalene	8.95	142	91933	4.396	ng	# 99
53) 2,4-Dinitrophenol	10.15	184	529	8.597	ng	# 3
56) 2,4-Dinitrotoluene	10.00	165	47352	7.993	ng	# 28
64) 4,6-Dinitro-2-methylphenol	10.62	198	565	8.827	ng	# 1
73) Di-n-butylphthalate	12.04	149	6100	Below Cal	#	71
81) 3,3'-Dichlorobenzidine	14.05	252	113	Below Cal	#	1

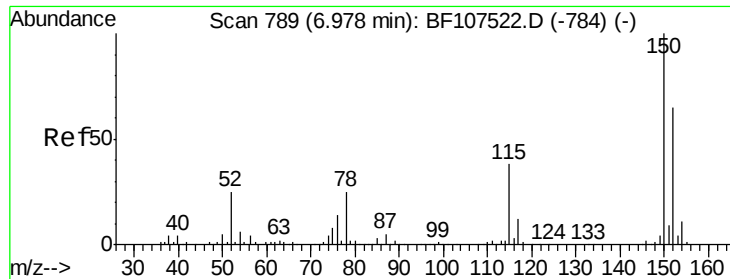
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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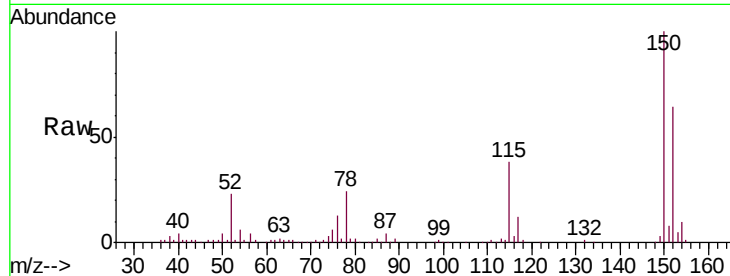


#1

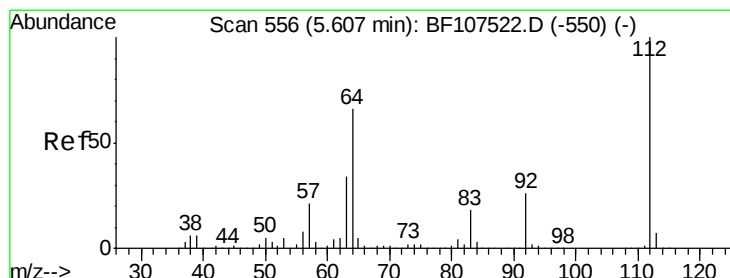
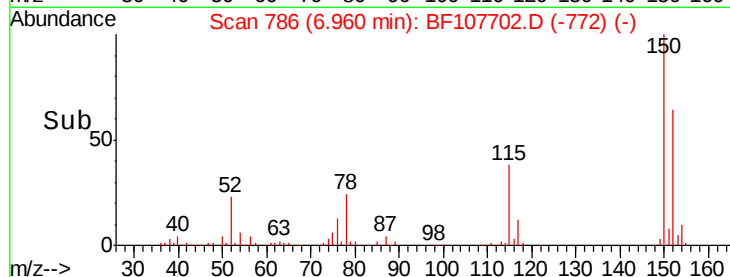
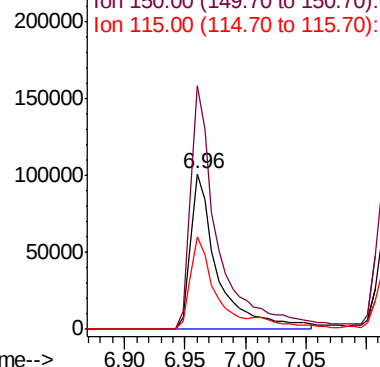
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.02 min
Lab File: BF107702.D
Acq: 26 Jul 2018 16:24

Instrument :
BNA_F
ClientSampleId :
GS-OILY-WATER

Tgt Ion:152 Resp: 156850
Ion Ratio Lower Upper
152 100
150 156.3 124.6 186.8
115 59.7 50.1 75.1



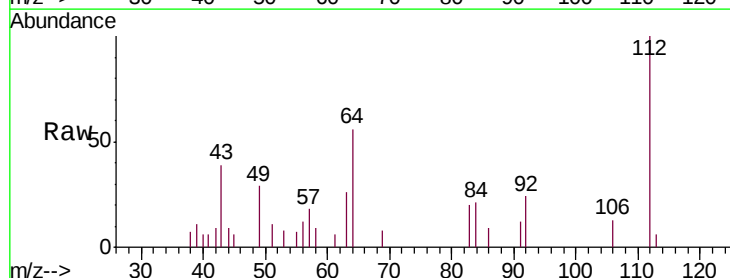
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



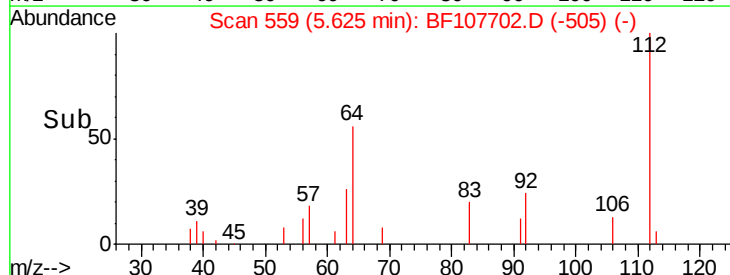
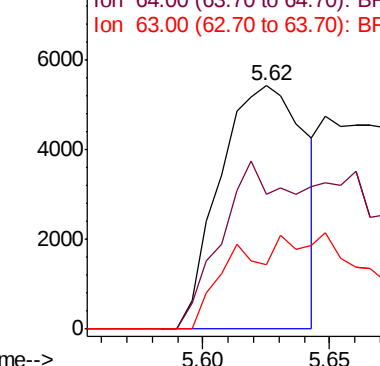
#5

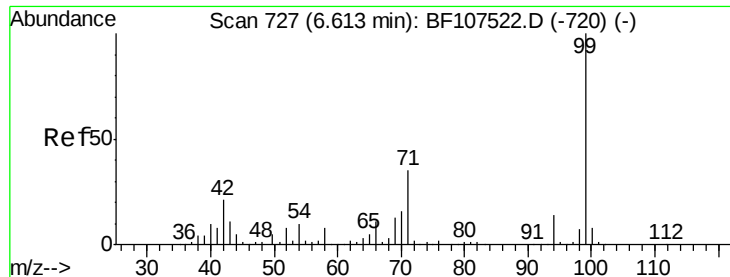
2-Fluorophenol
Concen: 1.303 ng
RT: 5.62 min Scan# 559
Delta R.T. 0.02 min
Lab File: BF107702.D
Acq: 26 Jul 2018 16:24

Tgt Ion:112 Resp: 12707
Ion Ratio Lower Upper
112 100
64 55.5 47.9 71.9
63 26.4 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 2.193 ng

RT: 6.62 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF107702.D

Acq: 26 Jul 2018 16:24

Instrument :

BNA_F

ClientSampleId :

GS-OILY-WATER

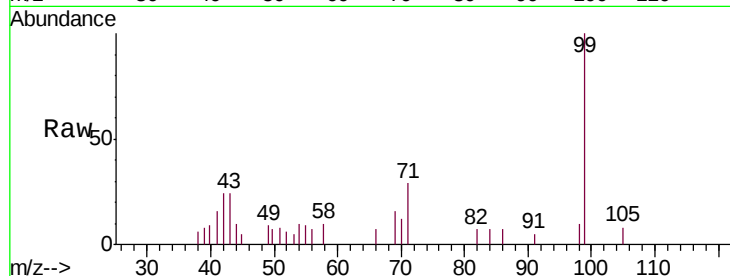
Tgt Ion: 99 Resp: 25684

Ion Ratio Lower Upper

99 100

42 23.8 14.5 21.7#

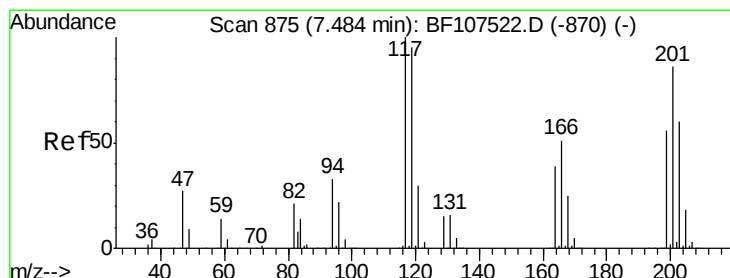
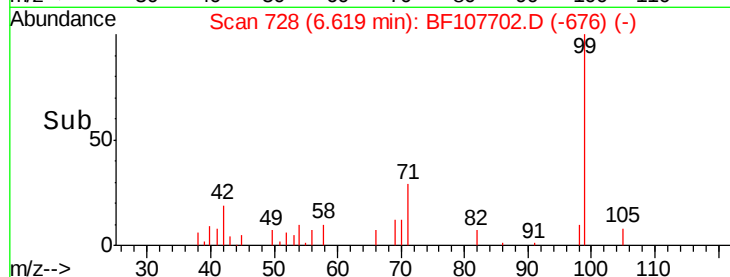
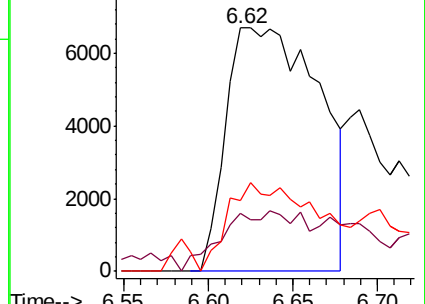
71 29.1 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#18

Hexachloroethane

Concen: 2.158 ng

RT: 7.48 min Scan# 875

Delta R.T. 0.00 min

Lab File: BF107702.D

Acq: 26 Jul 2018 16:24

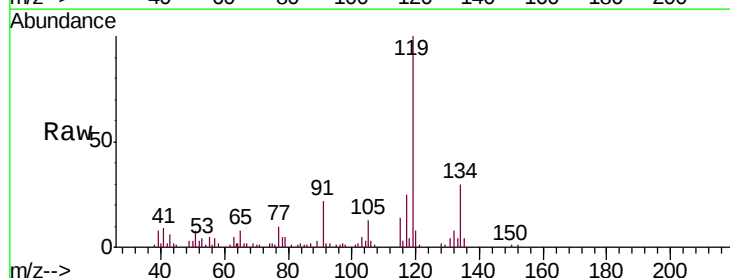
Tgt Ion: 117 Resp: 9191

Ion Ratio Lower Upper

117 100

119 396.8 75.8 113.8#

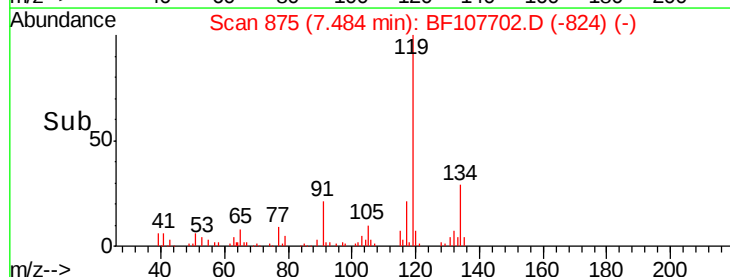
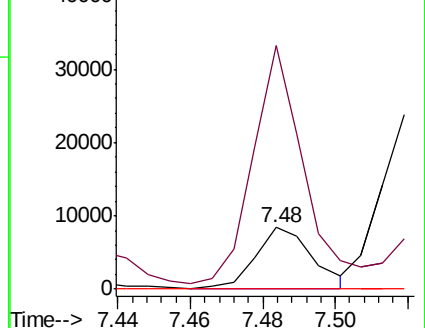
201 0.0 75.7 113.5#

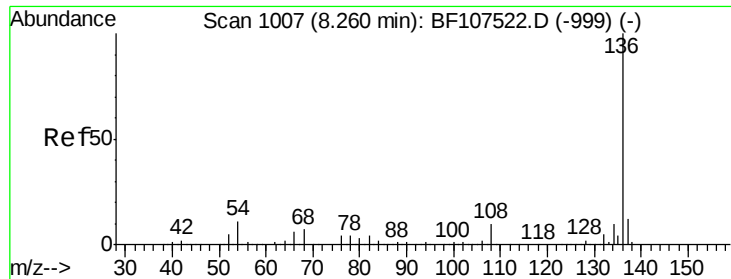


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1004

Delta R.T. -0.02 min

Lab File: BF107702.D

Acq: 26 Jul 2018 16:24

Instrument :

BNA_F

ClientSampleId :

GS-OILY-WATER

Tgt Ion:136 Resp: 686284

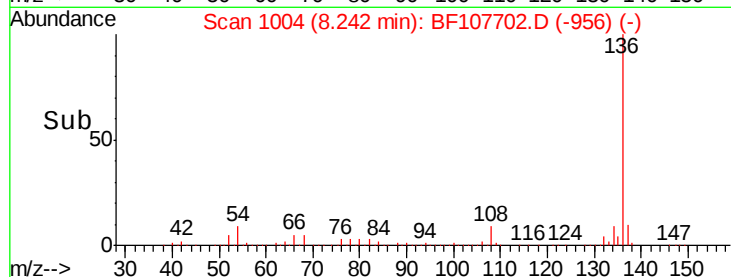
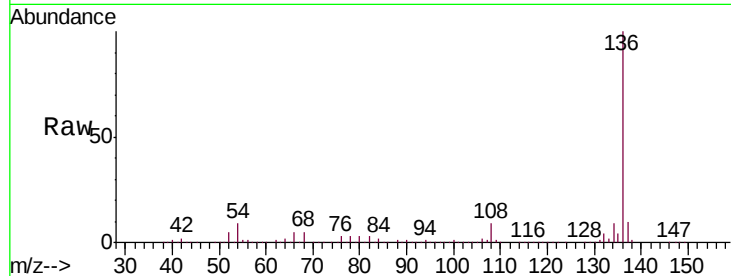
Ion Ratio Lower Upper

136 100

137 10.4 8.9 13.3

54 9.0 6.6 9.8

68 4.9 5.0 7.4#



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): BF1

Ion 68.00 (67.70 to 68.70): BF1

8.24

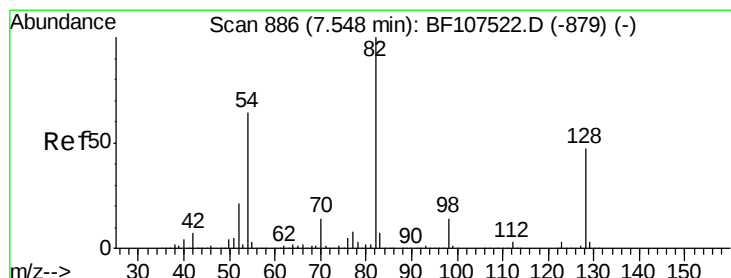
600000

400000

200000

0

Time-->



#23

Nitrobenzene-d5

Concen: 10.413 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.02 min

Lab File: BF107702.D

Acq: 26 Jul 2018 16:24

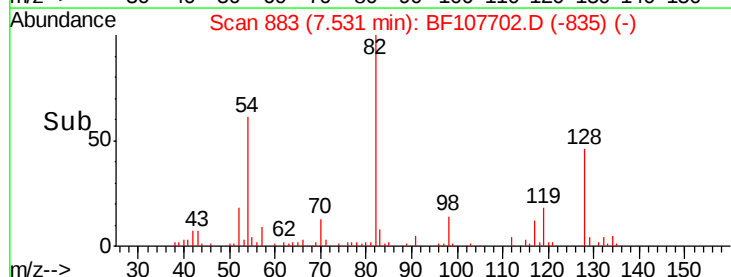
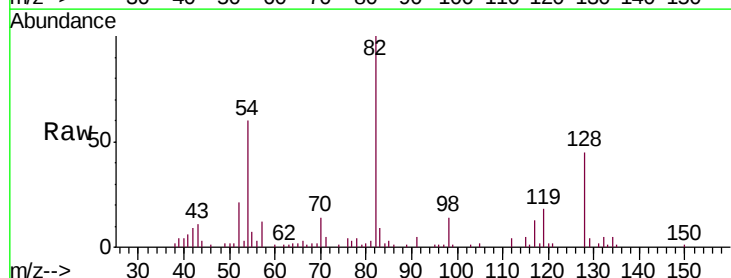
Tgt Ion: 82 Resp: 105889

Ion Ratio Lower Upper

82 100

128 45.1 36.1 54.1

54 60.4 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

7.53

50000

40000

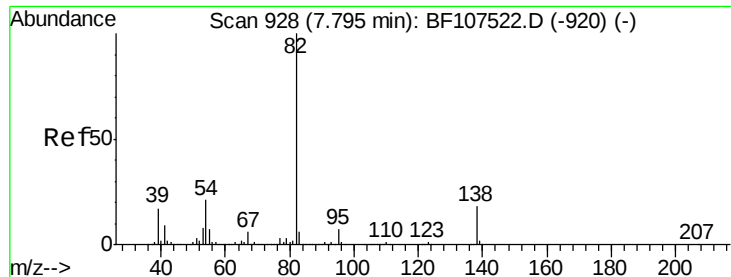
30000

20000

10000

0

Time-->



#25

Isophorone

Concen: 4.877 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.26 min

Lab File: BF107702.D

Acq: 26 Jul 2018 16:24

Instrument :

BNA_F

ClientSampleId :

GS-OILY-WATER

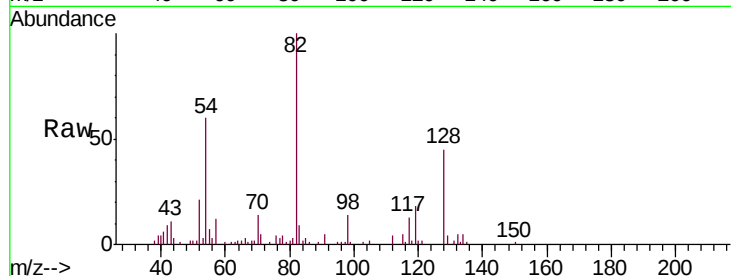
Tgt Ion: 82 Resp: 105889

Ion Ratio Lower Upper

82 100

95 1.1 5.2 7.8#

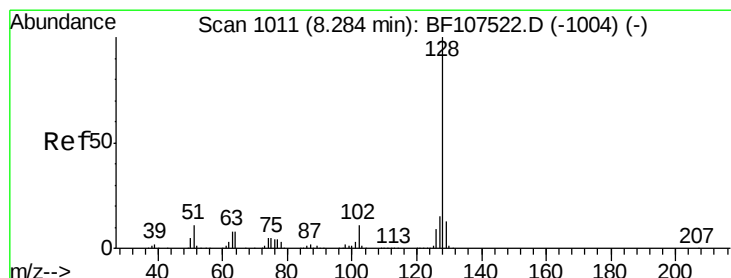
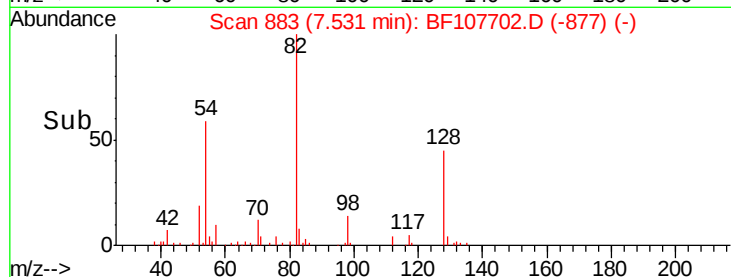
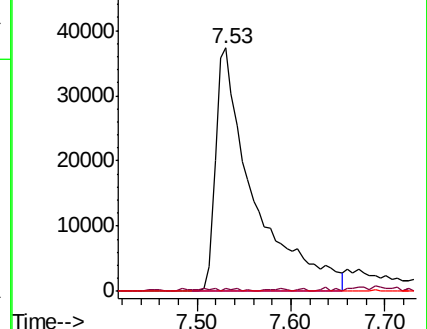
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#31

Naphthalene

Concen: 2.073 ng

RT: 8.27 min Scan# 1008

Delta R.T. -0.02 min

Lab File: BF107702.D

Acq: 26 Jul 2018 16:24

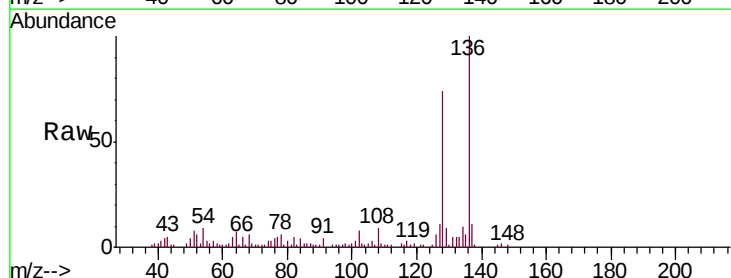
Tgt Ion: 128 Resp: 62560

Ion Ratio Lower Upper

128 100

129 12.1 8.8 13.2

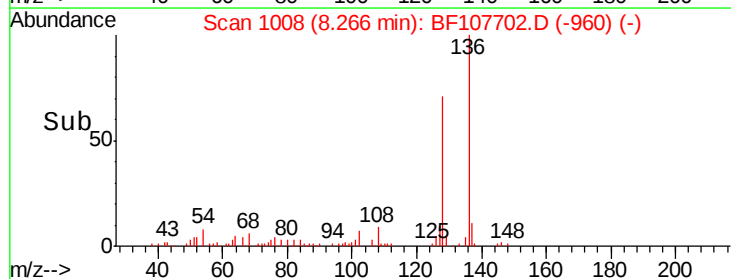
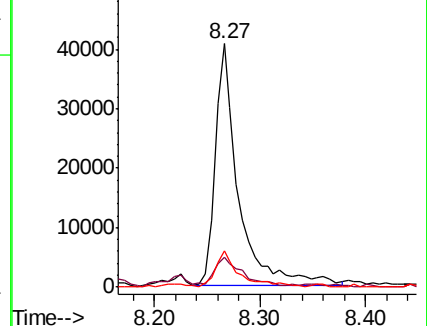
127 14.9 10.9 16.3

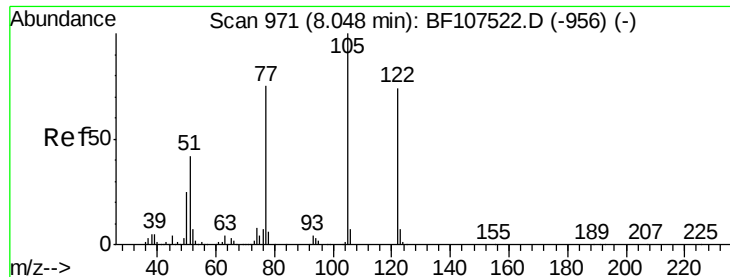


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

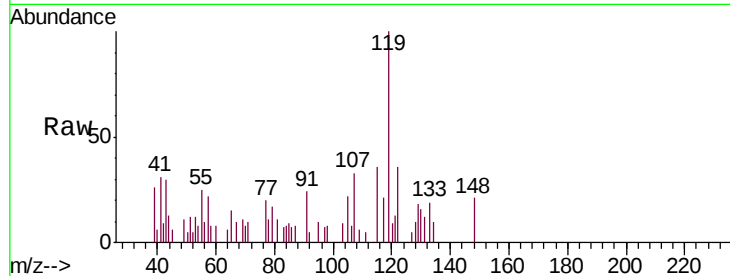




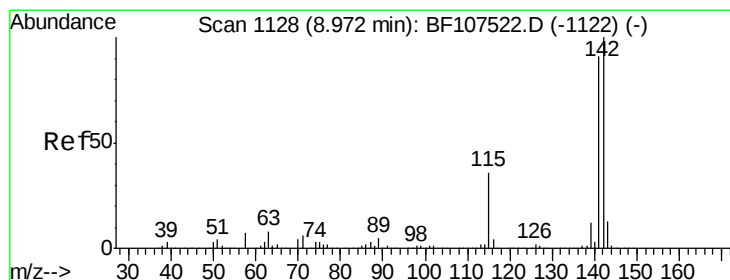
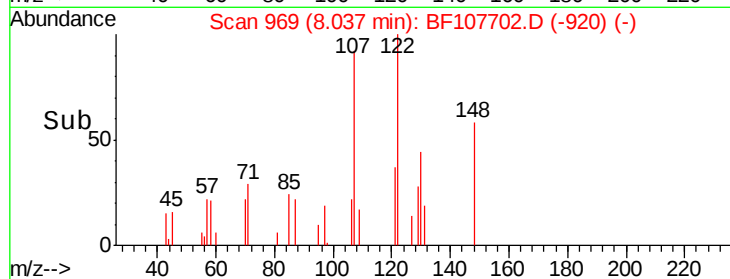
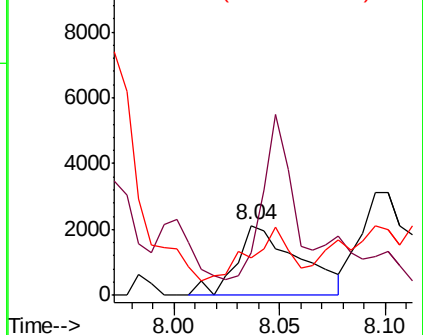
#32
Benzoic acid
Concen: 8.459 ng
RT: 8.04 min Scan# 969
Delta R.T. -0.01 min
Lab File: BF107702.D
Acq: 26 Jul 2018 16:24

Instrument :
BNA_F
ClientSampleId :
GS-OILY-WATER

Tgt Ion:122 Resp: 4355
Ion Ratio Lower Upper
122 100
105 60.5 101.1 141.1#
77 54.0 70.7 110.7#

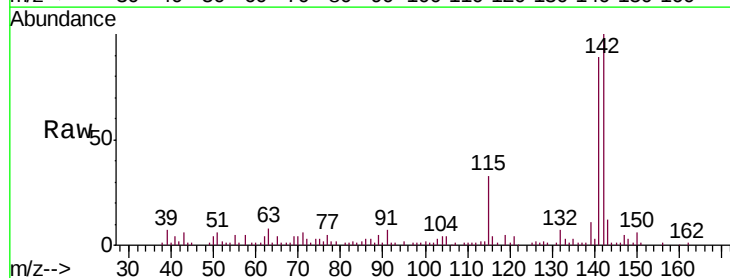


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

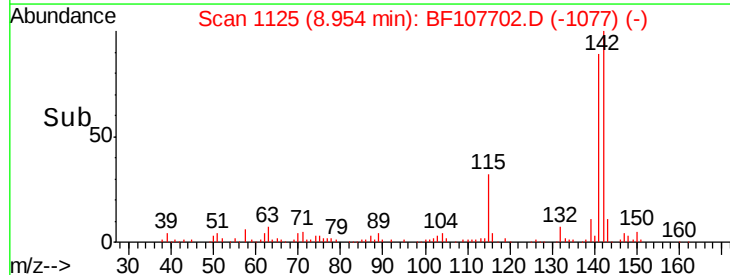
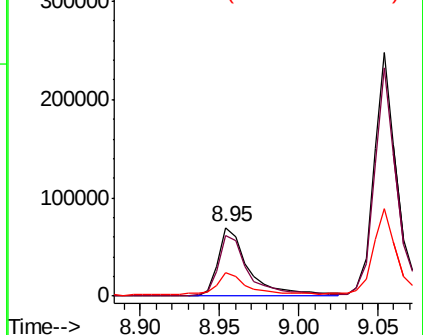


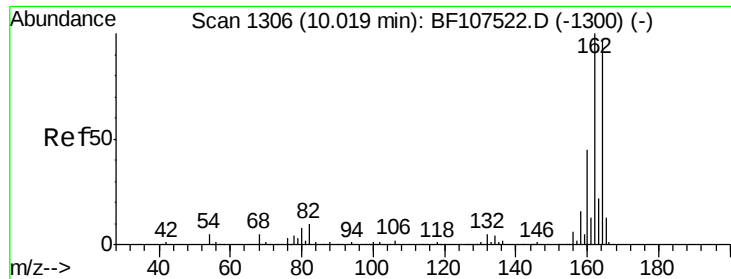
#37
2-Methylnaphthalene
Concen: 4.396 ng
RT: 8.95 min Scan# 1125
Delta R.T. -0.02 min
Lab File: BF107702.D
Acq: 26 Jul 2018 16:24

Tgt Ion:142 Resp: 91933
Ion Ratio Lower Upper
142 100
141 89.0 70.8 106.2
115 33.2 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

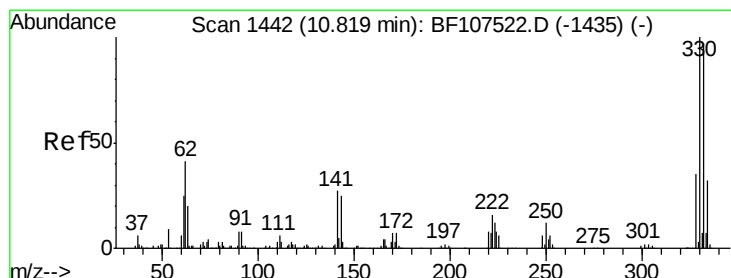
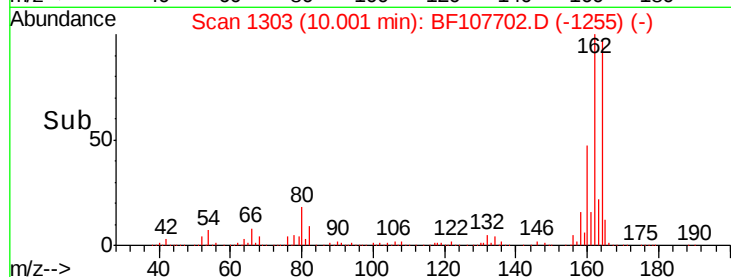
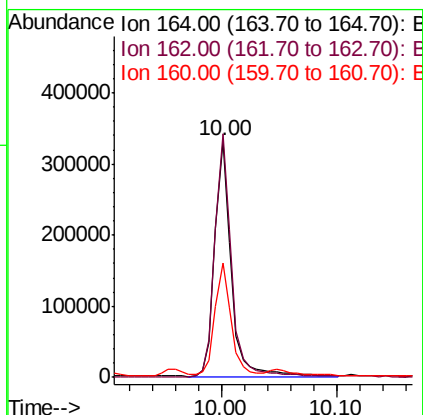
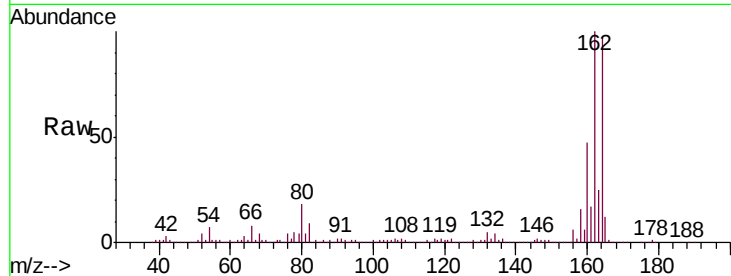




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.02 min
 Lab File: BF107702.D
 Acq: 26 Jul 2018 16:24

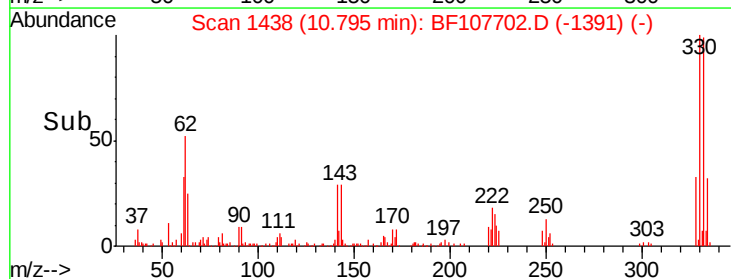
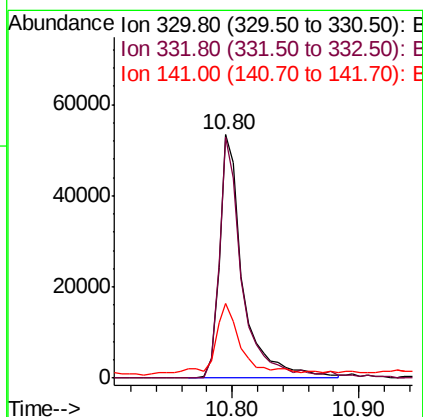
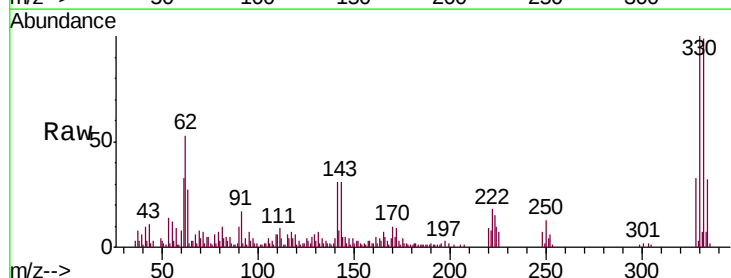
Instrument :
 BNA_F
 ClientSampleId :
 GS-OILY-WATER

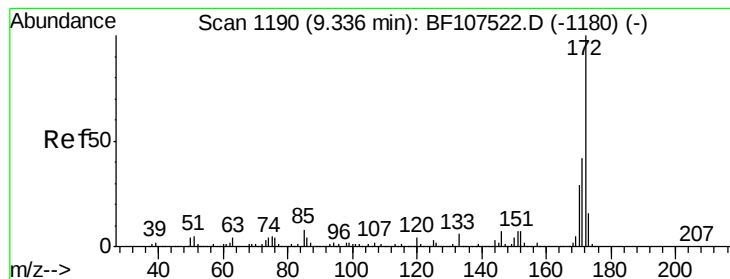
Tgt Ion:164 Resp: 327975
 Ion Ratio Lower Upper
 164 100
 162 102.9 86.1 129.1
 160 48.2 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 18.377 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.02 min
 Lab File: BF107702.D
 Acq: 26 Jul 2018 16:24

Tgt Ion:330 Resp: 68540
 Ion Ratio Lower Upper
 330 100
 332 98.3 77.0 115.6
 141 33.4 29.9 44.9





#44

2-Fluorobiphenyl

Concen: 8.356 ng

RT: 9.31 min Scan# 1186

Delta R.T. -0.02 min

Lab File: BF107702.D

Acq: 26 Jul 2018 16:24

Instrument :

BNA_F

ClientSampleId :

GS-OILY-WATER

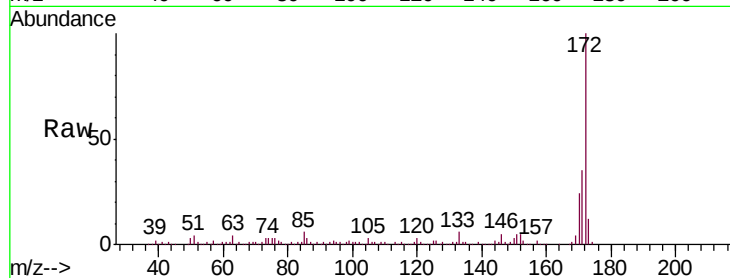
Tgt Ion:172 Resp: 282656

Ion Ratio Lower Upper

172 100

171 35.4 29.7 44.5

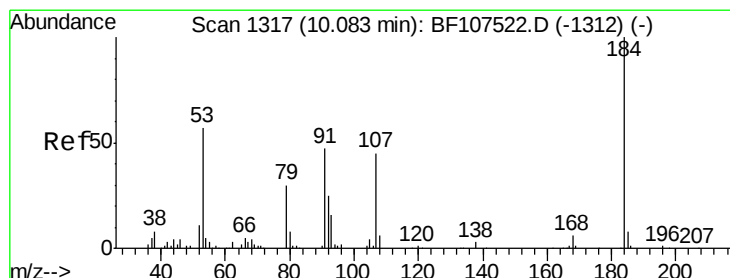
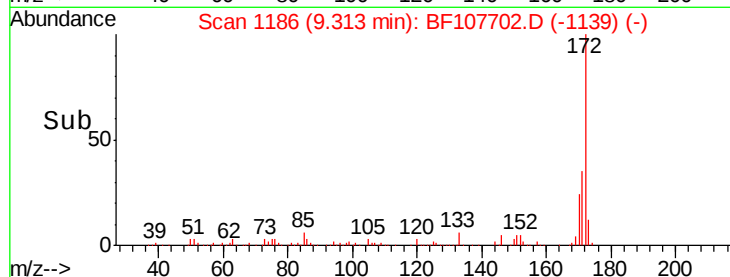
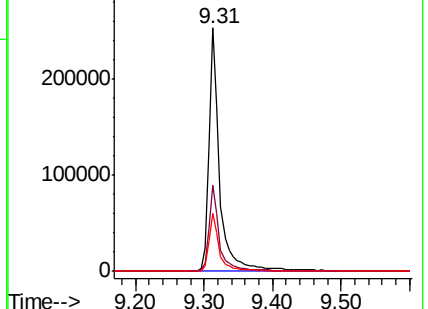
170 23.7 19.6 29.4



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



#53

2,4-Dinitrophenol

Concen: 8.597 ng

RT: 10.15 min Scan# 1328

Delta R.T. 0.07 min

Lab File: BF107702.D

Acq: 26 Jul 2018 16:24

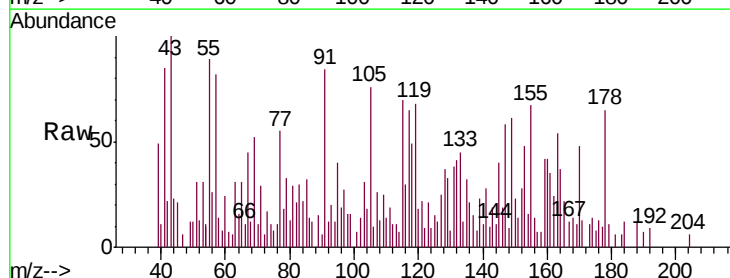
Tgt Ion:184 Resp: 529

Ion Ratio Lower Upper

184 100

63 245.8 54.2 81.2#

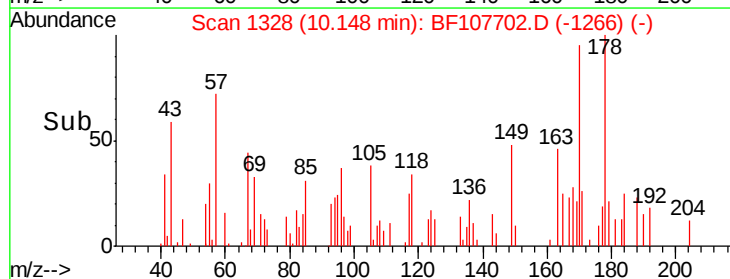
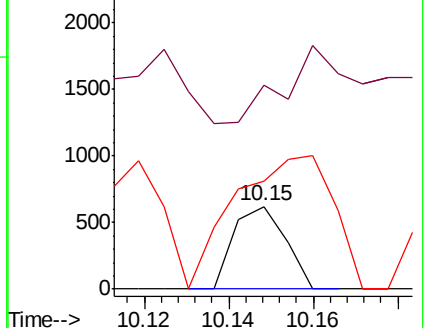
154 129.9 184.0 276.0#

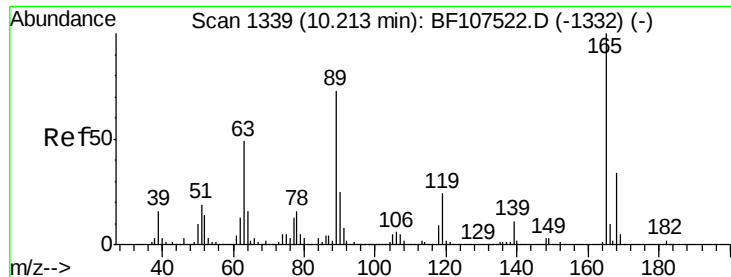


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

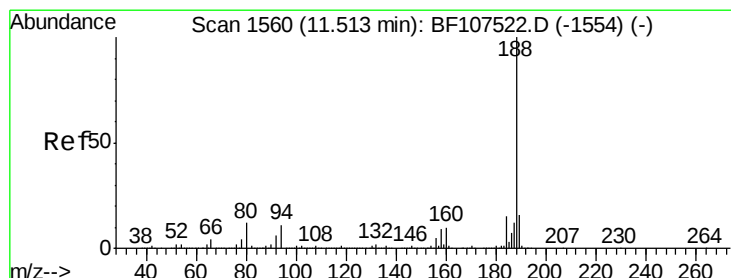
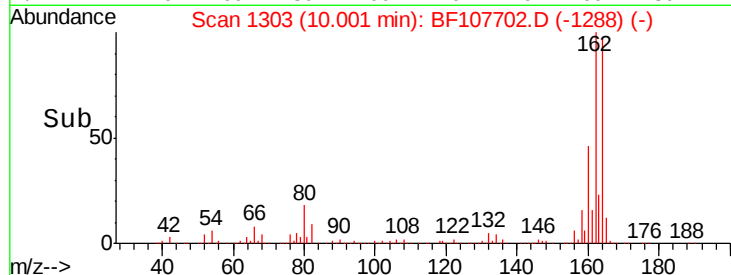
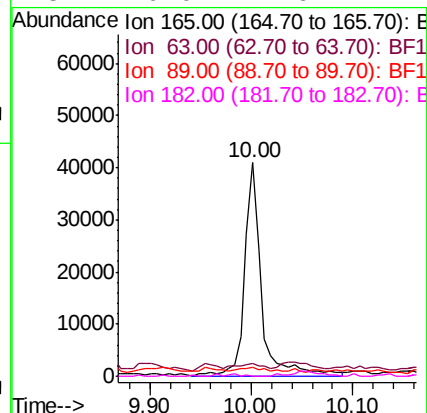
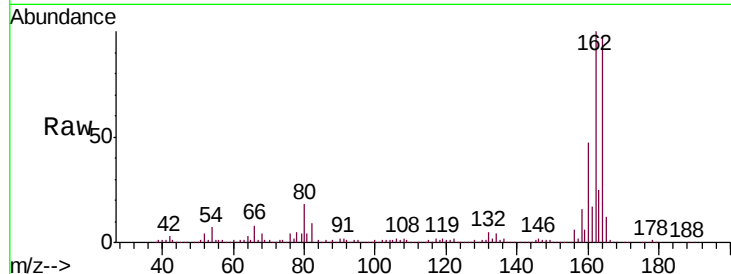




#56
2,4-Dinitrotoluene
Concen: 7.993 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.21 min
Lab File: BF107702.D
Acq: 26 Jul 2018 16:24

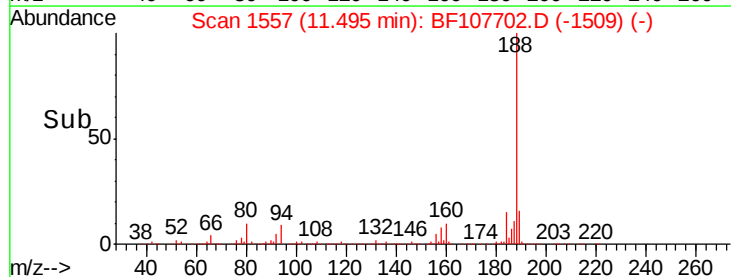
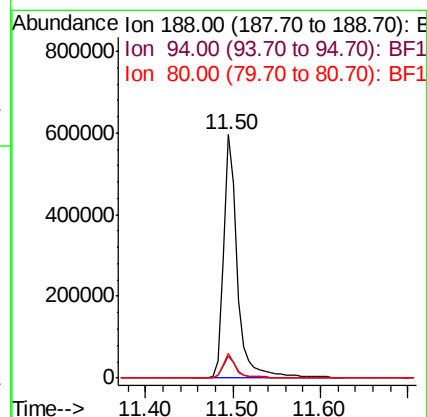
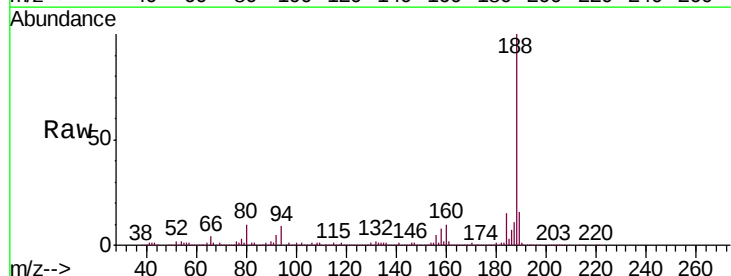
Instrument :
BNA_F
ClientSampleId :
GS-OILY-WATER

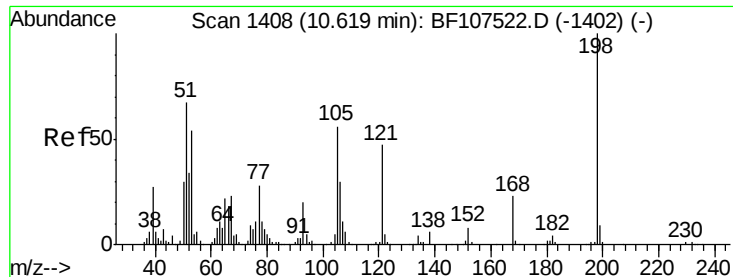
Tgt Ion	Ratio	Lower	Upper
165	100		
63	5.9	36.4	54.6#
89	4.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.02 min
Lab File: BF107702.D
Acq: 26 Jul 2018 16:24

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.5	12.7
80	10.4	9.2	13.8





#64

4,6-Dinitro-2-methylphenol

Concen: 8.827 ng

RT: 10.62 min Scan# 1408

Delta R.T. 0.00 min

Lab File: BF107702.D

Acq: 26 Jul 2018 16:24

Instrument :

BNA_F

ClientSampleId :

GS-OILY-WATER

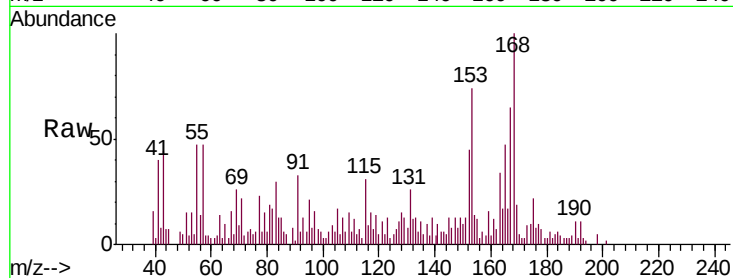
Tgt Ion:198 Resp: 565

Ion Ratio Lower Upper

198 100

51 317.9 37.7 77.7#

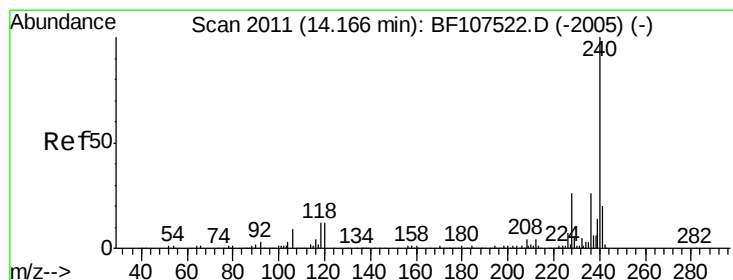
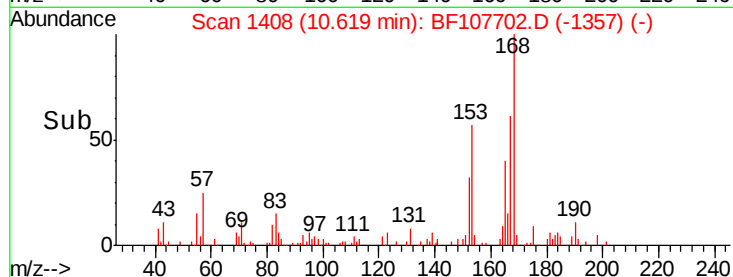
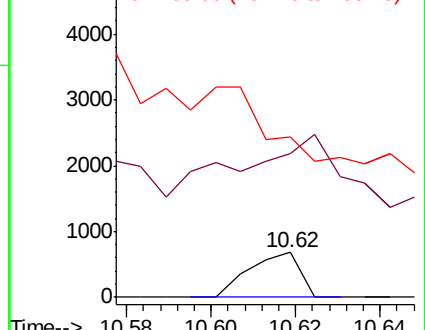
105 355.5 36.3 76.3#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.02 min

Lab File: BF107702.D

Acq: 26 Jul 2018 16:24

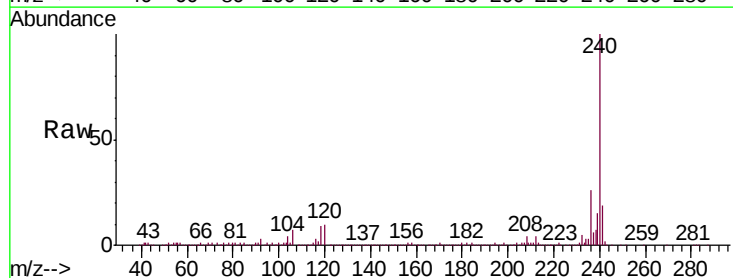
Tgt Ion:240 Resp: 468739

Ion Ratio Lower Upper

240 100

120 9.8 9.5 14.3

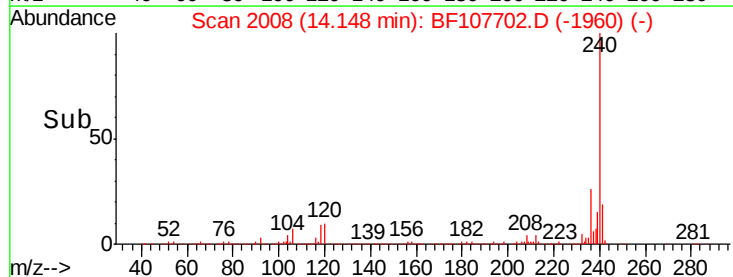
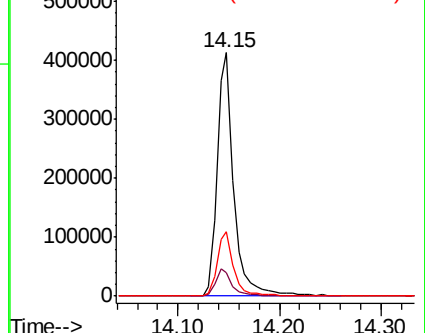
236 26.2 20.7 31.1

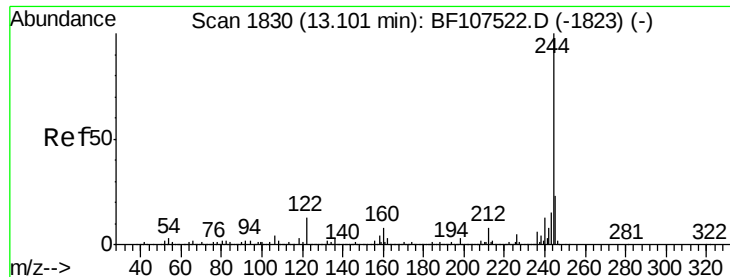


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 15.571 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.02 min

Lab File: BF107702.D

Acq: 26 Jul 2018 16:24

Instrument :

BNA_F

ClientSampleId :

GS-OILY-WATER

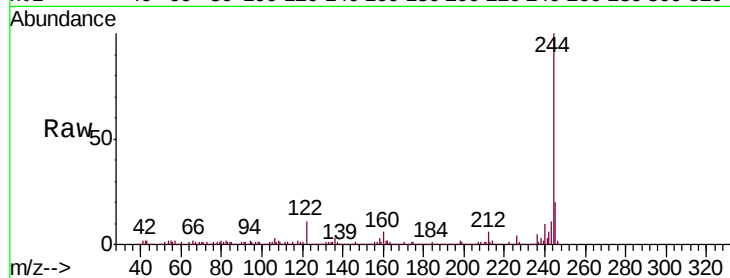
Tgt Ion:244 Resp: 285089

Ion Ratio Lower Upper

244 100

212 6.2 5.4 8.0

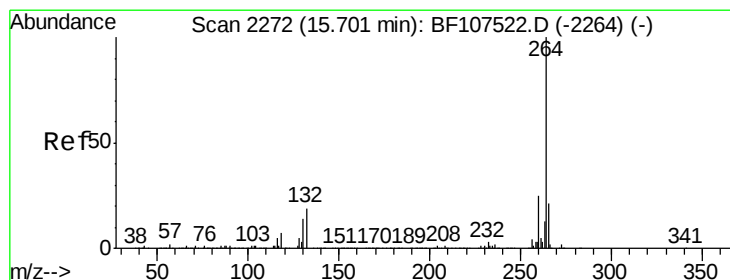
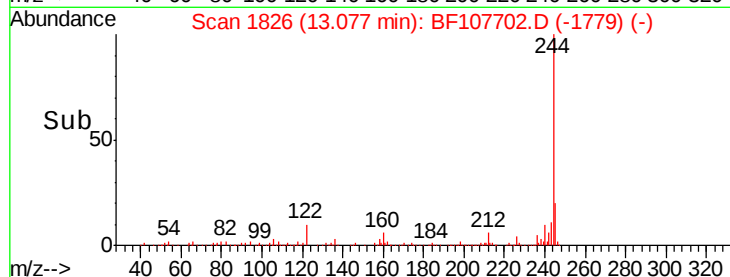
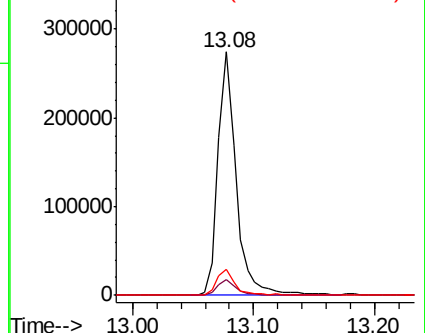
122 10.5 11.0 16.4#



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: 15.68 min Scan# 2268

Delta R.T. -0.02 min

Lab File: BF107702.D

Acq: 26 Jul 2018 16:24

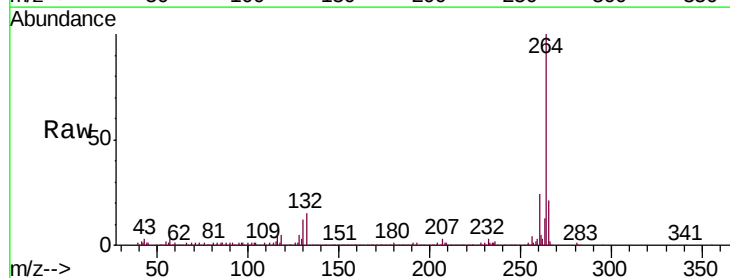
Tgt Ion:264 Resp: 449781

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 20.9 17.5 26.3



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

