

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061818\
 Data File : BF106540.D
 Acq On : 18 Jun 2018 16:00
 Operator : JU/SJ
 Sample : J3532-01 10X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OILY-WATER-DRUMS-1-2

Quant Time: Jun 19 01:07:31 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 15 11:11:47 2018
 Response via : Initial Calibration

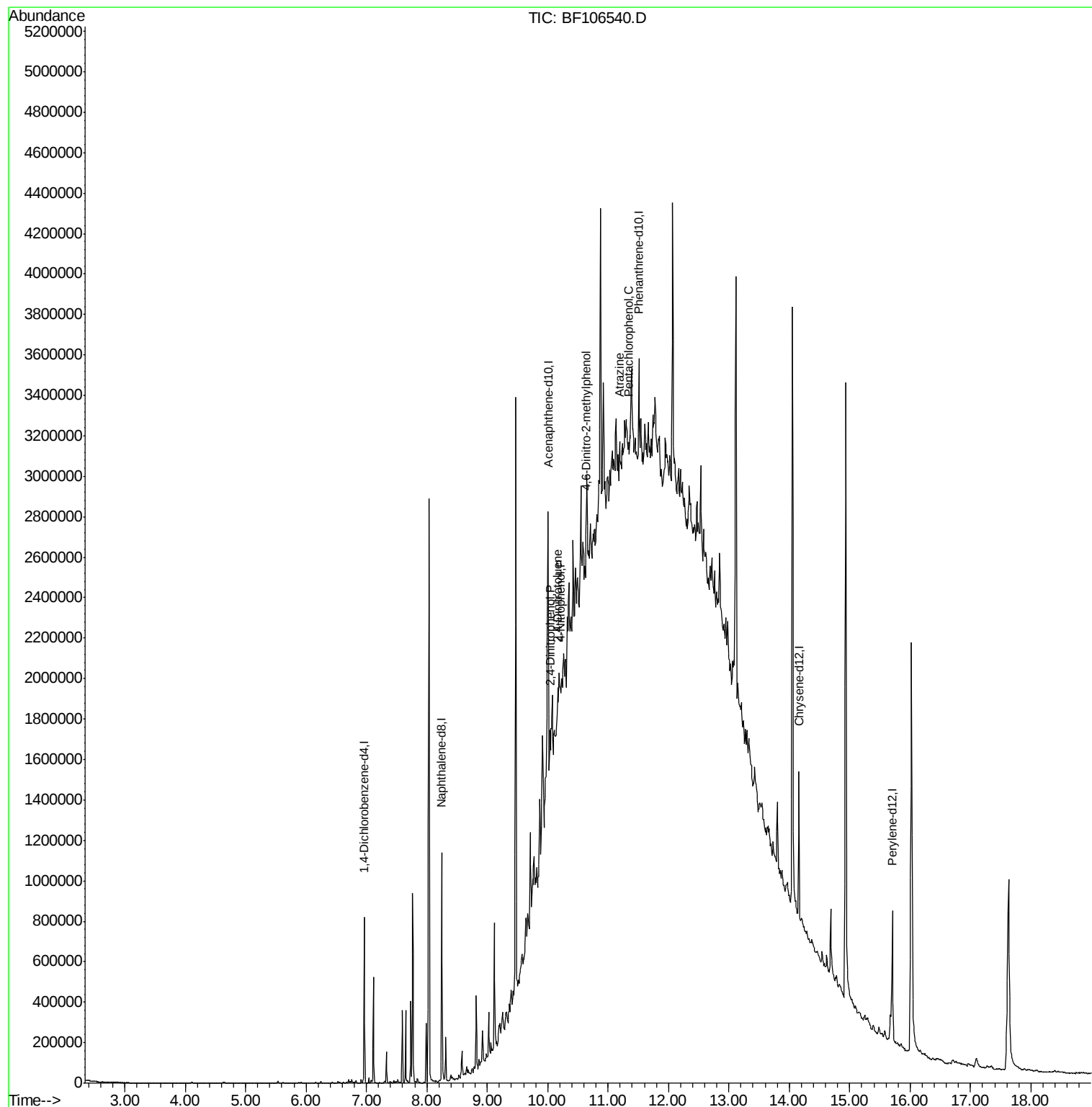
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	110408	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	428642	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	156782	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	218634	20.00	ng	0.01
75) Chrysene-d12	14.16	240	257432	20.00	ng	0.00
86) Perylene-d12	15.71	264	313095	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	1175	0.18	ng	0.00
7) Phenol-d6	6.61	99	1421	0.17	ng	0.00
23) Nitrobenzene-d5	7.52	82	4533	0.62	ng	-0.01
41) 2,4,6-Tribromophenol	10.81	330	699	0.46	ng	0.01
44) 2-Fluorobiphenyl	9.32	172	9475	-1.00	ng	0.00
78) Terphenyl-d14	13.09	244	6536	0.63	ng	0.00
Target Compounds						
53) 2,4-Dinitrophenol	10.03	184	108	8.706	ng	# 1
55) 4-Nitrophenol	10.21	139	5933	2.850	ng	# 1
56) 2,4-Dinitrotoluene	10.16	165	7006	2.438	ng	# 34
64) 4,6-Dinitro-2-methylphenol	10.63	198	1030	7.054	ng	# 1
68) Atrazine	11.20	200	8041	3.551	ng	# 34
69) Pentachlorophenol	11.34	266	4502	2.852	ng	# 20

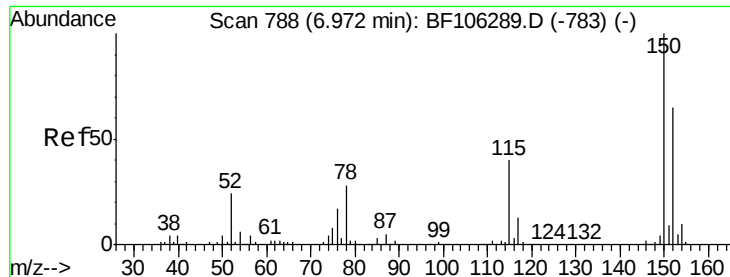
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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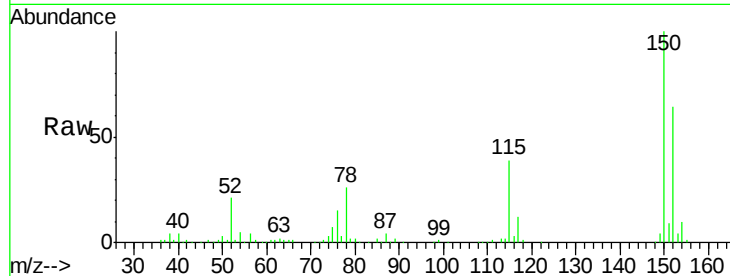


#1

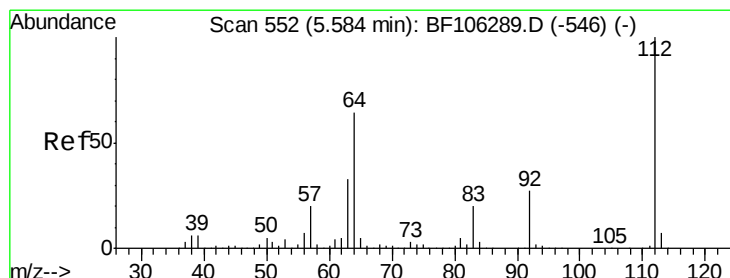
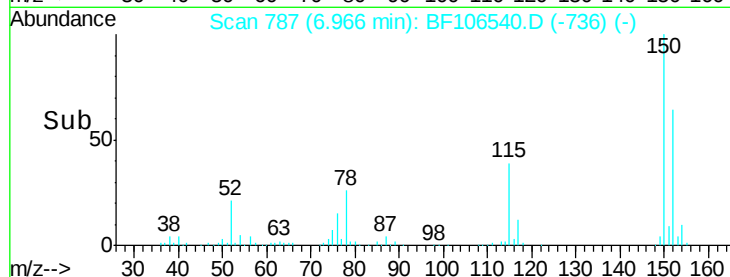
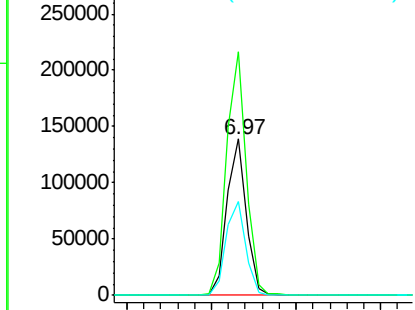
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF106540.D
Acq: 18 Jun 2018 16:00

Instrument :
BNA_F
ClientSampleId :
OILY-WATER-DRUMS-1-2

Tgt Ion:152 Resp: 110408
Ion Ratio Lower Upper
152 100
150 155.8 124.6 186.8
115 60.1 50.1 75.1



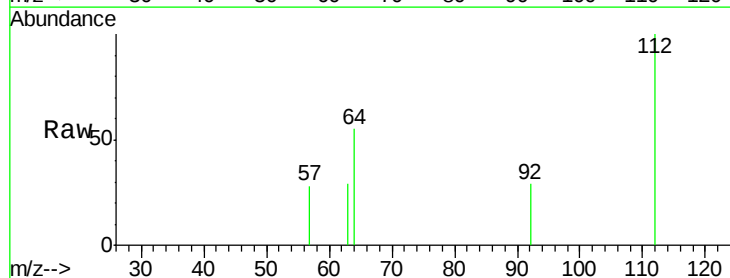
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



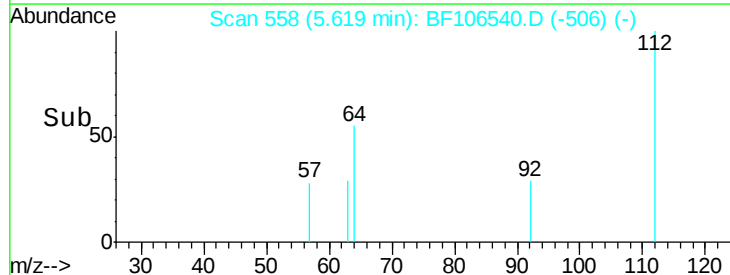
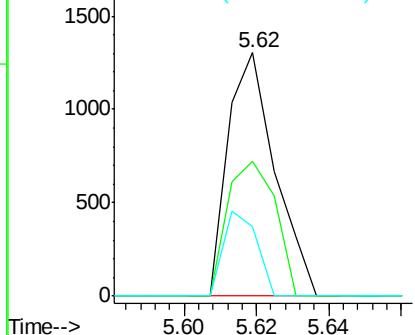
#5

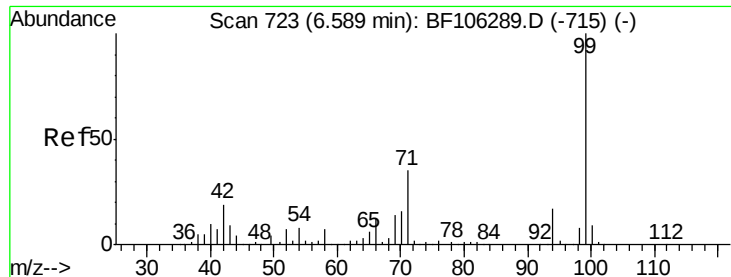
2-Fluorophenol
Concen: 0.180 ng
RT: 5.62 min Scan# 558
Delta R.T. 0.01 min
Lab File: BF106540.D
Acq: 18 Jun 2018 16:00

Tgt Ion:112 Resp: 1175
Ion Ratio Lower Upper
112 100
64 55.4 47.9 71.9
63 28.8 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: 0.172 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF106540.D

Acq: 18 Jun 2018 16:00

Instrument :

BNA_F

ClientSampleId :

OILY-WATER-DRUMS-1-2

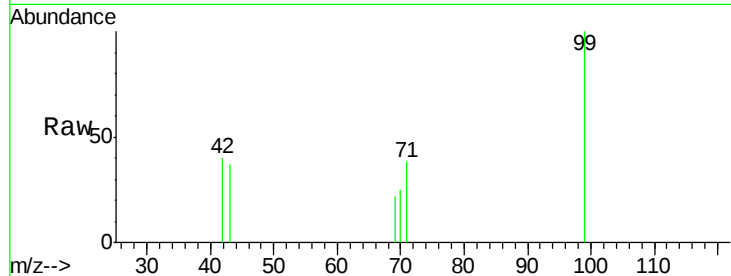
Tgt Ion: 99 Resp: 1421

Ion Ratio Lower Upper

99 100

42 40.4 14.5 21.7#

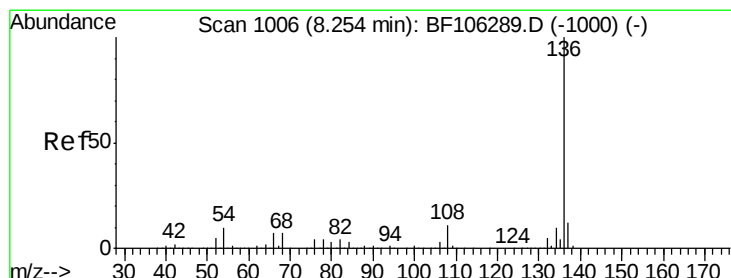
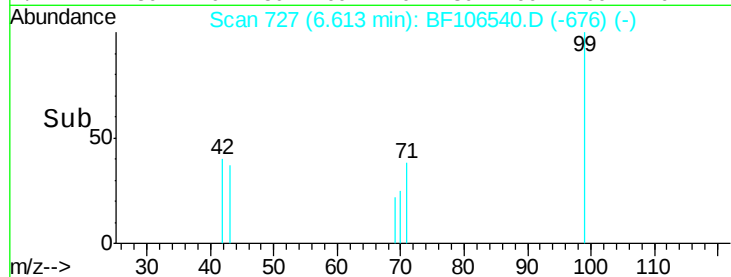
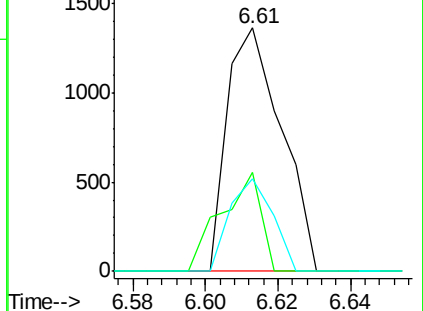
71 38.1 25.4 38.0#



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1005

Delta R.T. 0.00 min

Lab File: BF106540.D

Acq: 18 Jun 2018 16:00

Tgt Ion: 136 Resp: 428642

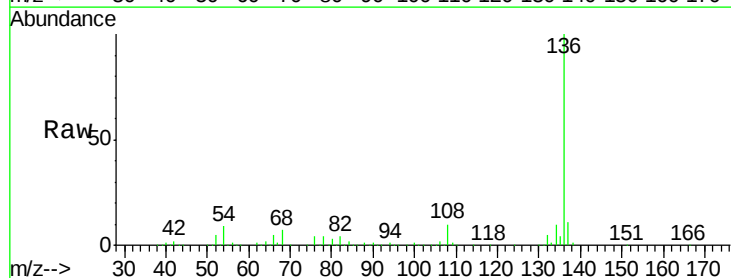
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 9.0 6.6 9.8

68 7.1 5.0 7.4

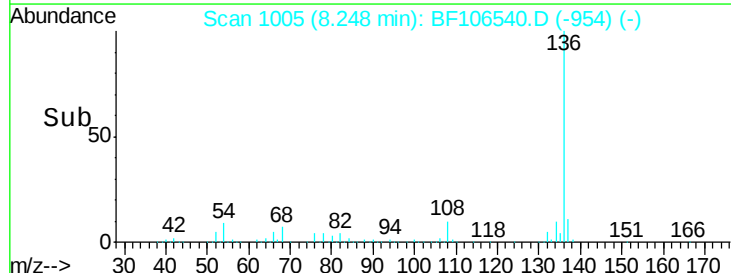
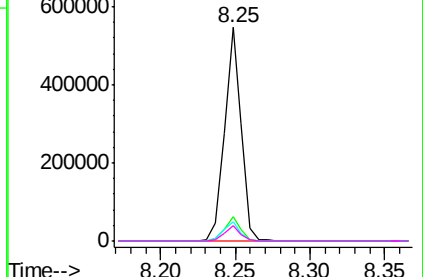


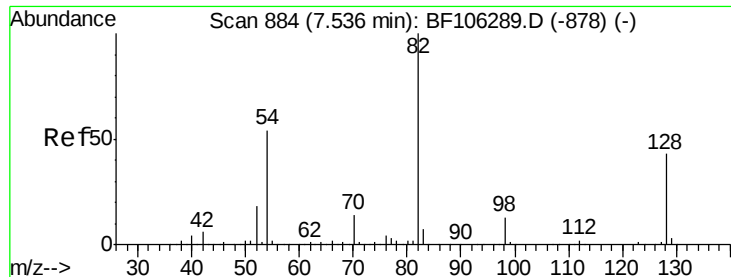
Abundance Ion 136.00 (135.70 to 136.70): E

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

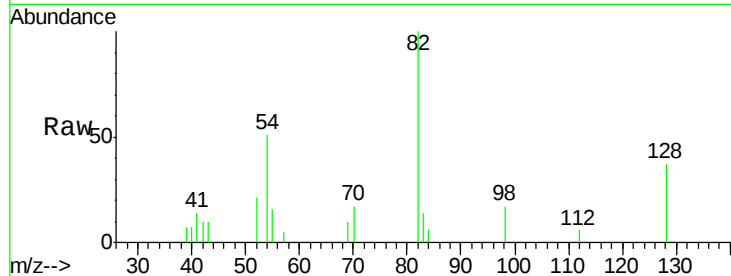




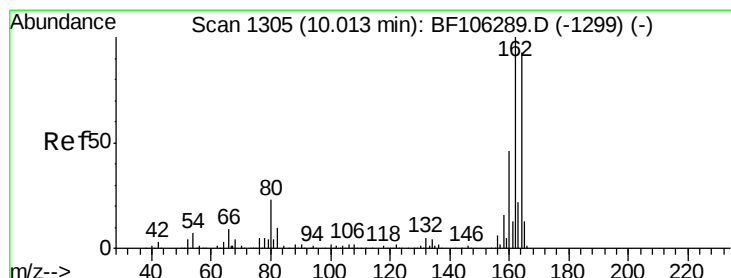
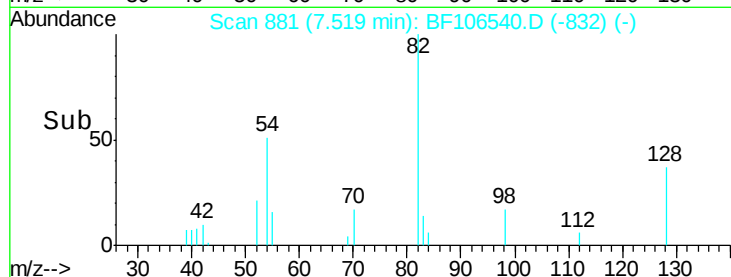
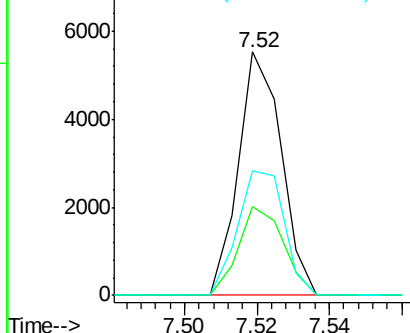
#23
 Nitrobenzene-d5
 Concen: 0.622 ng
 RT: 7.52 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF106540.D
 Acq: 18 Jun 2018 16:00

Instrument :
 BNA_F
 ClientSampleId :
 OILY-WATER-DRUMS-1-2

Tgt Ion: 82 Resp: 4533
 Ion Ratio Lower Upper
 82 100
 128 36.6 36.1 54.1
 54 51.0 41.4 62.2

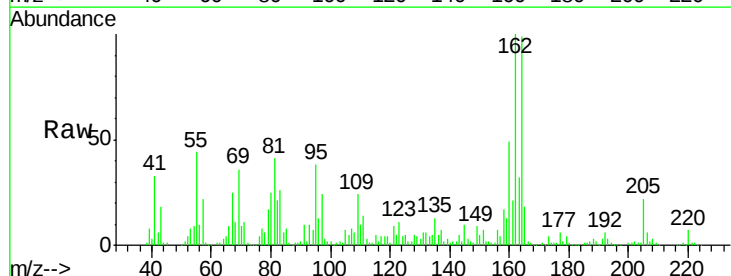


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

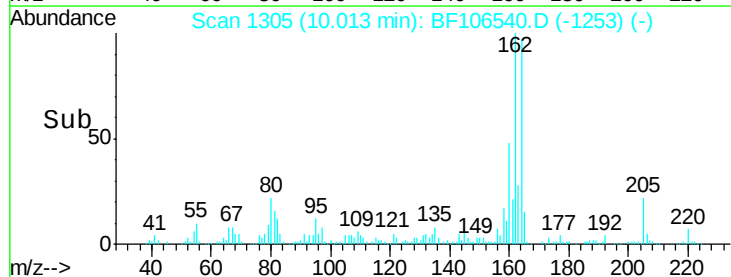
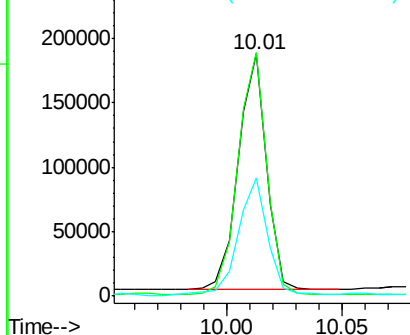


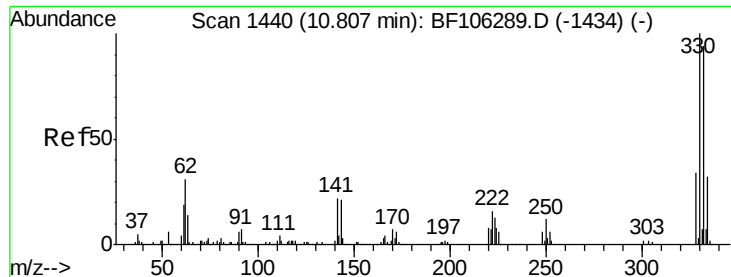
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1305
 Delta R.T. 0.01 min
 Lab File: BF106540.D
 Acq: 18 Jun 2018 16:00

Tgt Ion: 164 Resp: 156782
 Ion Ratio Lower Upper
 164 100
 162 100.7 86.1 129.1
 160 48.9 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

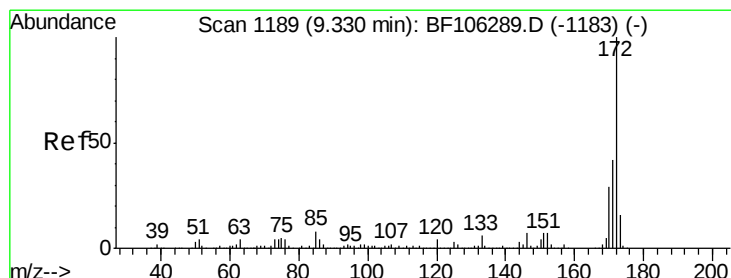
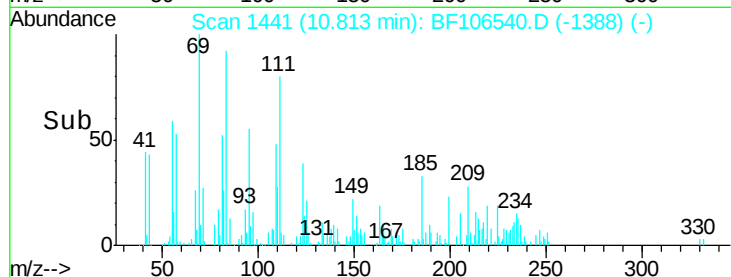
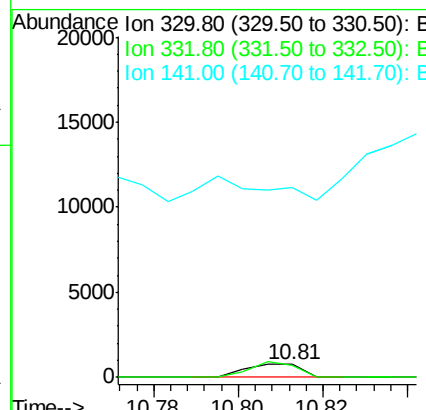
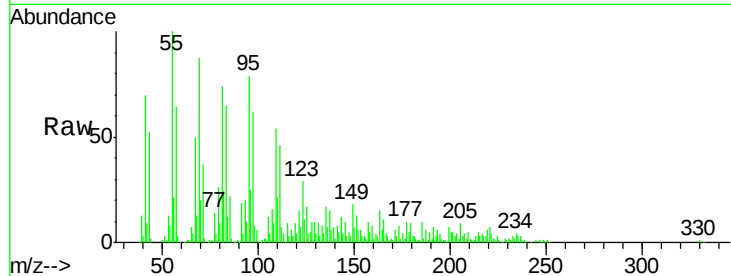




#41
 2,4,6-Tribromophenol
 Concen: 0.463 ng
 RT: 10.81 min Scan# 1441
 Delta R.T. 0.01 min
 Lab File: BF106540.D
 Acq: 18 Jun 2018 16:00

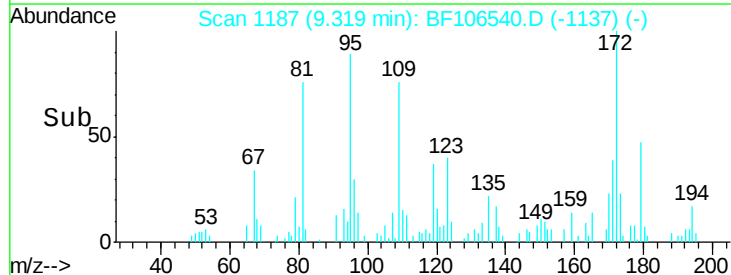
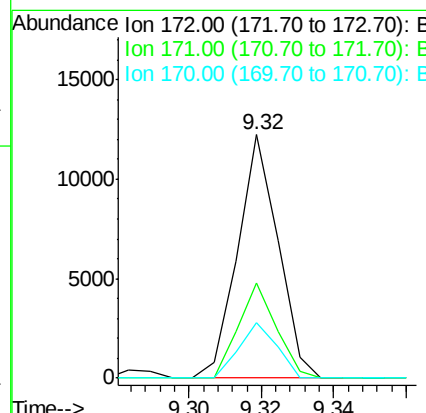
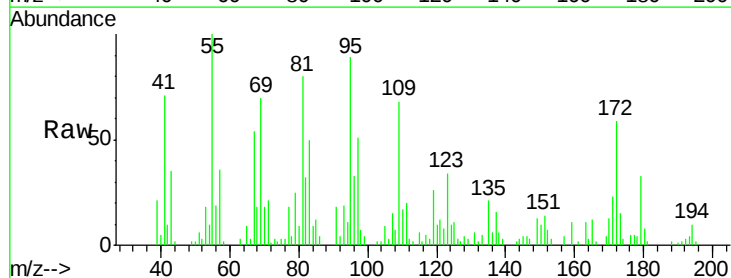
Instrument :
 BNA_F
 ClientSampleId :
 OILY-WATER-DRUMS-1-2

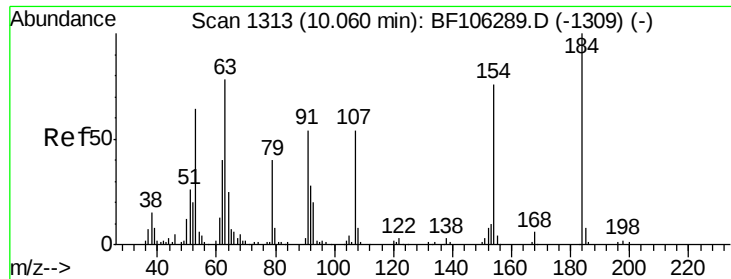
Tgt Ion:330 Resp: 699
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.0 115.6
 141 226.0 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: -1.000 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106540.D
 Acq: 18 Jun 2018 16:00

Tgt Ion:172 Resp: 9475
 Ion Ratio Lower Upper
 172 100
 171 39.1 29.7 44.5
 170 22.7 19.6 29.4

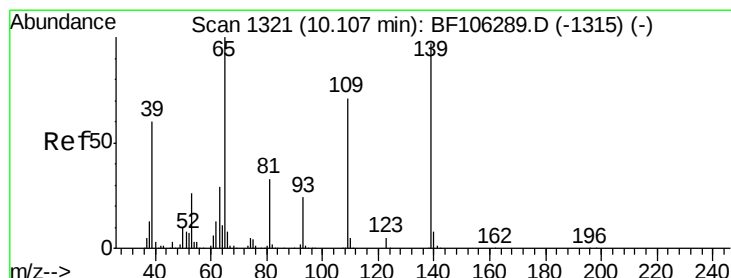
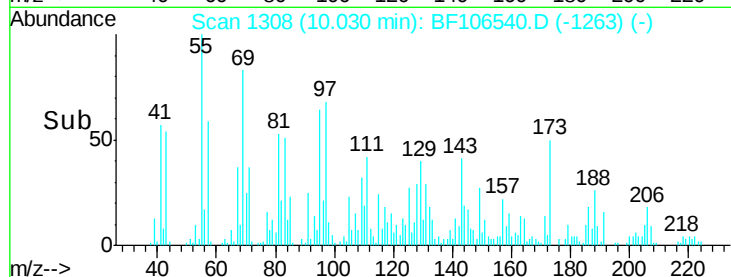
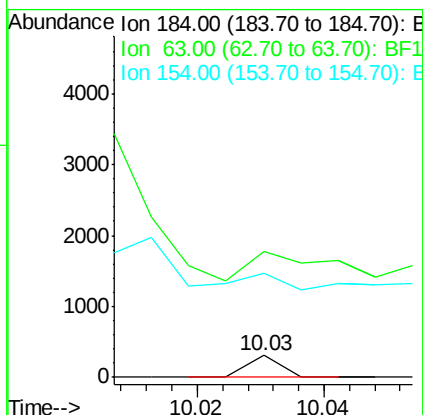
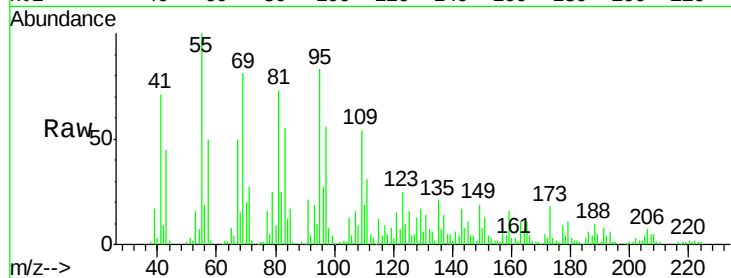




#53
 2,4-Dinitrophenol
 Concen: 8.706 ng
 RT: 10.03 min Scan# 1308
 Delta R.T. -0.04 min
 Lab File: BF106540.D
 Acq: 18 Jun 2018 16:00

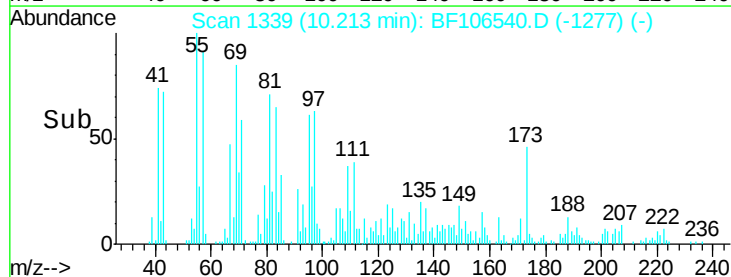
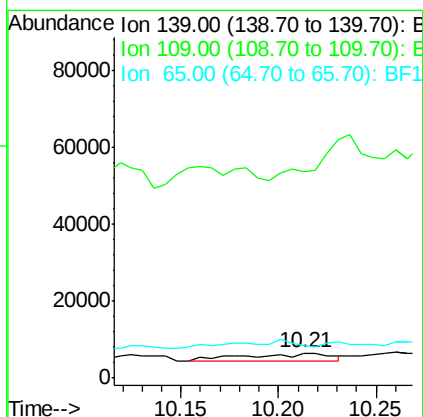
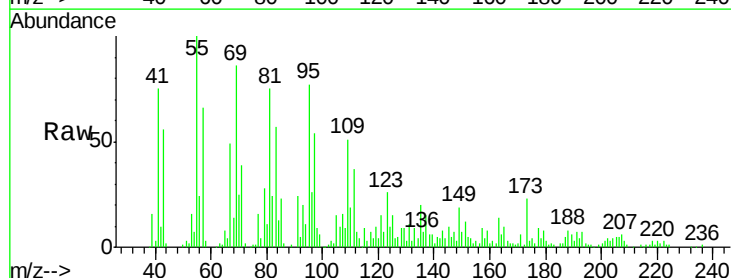
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 OILY-WATER-DRUMS-1-2

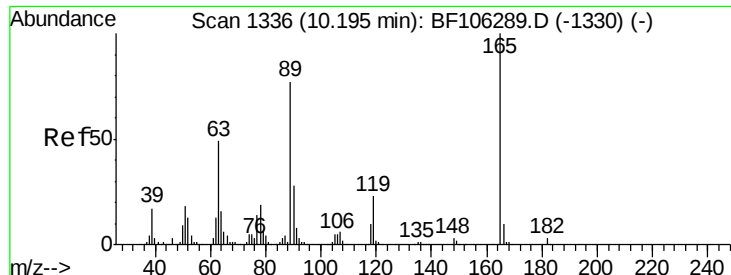
Tgt Ion:184 Resp: 108
 Ion Ratio Lower Upper
 184 100
 63 576.5 54.2 81.2#
 154 479.5 184.0 276.0#



#55
 4-Nitrophenol
 Concen: 2.850 ng
 RT: 10.21 min Scan# 1339
 Delta R.T. 0.06 min
 Lab File: BF106540.D
 Acq: 18 Jun 2018 16:00

Tgt Ion:139 Resp: 5933
 Ion Ratio Lower Upper
 139 100
 109 814.9 48.4 88.4#
 65 129.6 72.6 112.6#

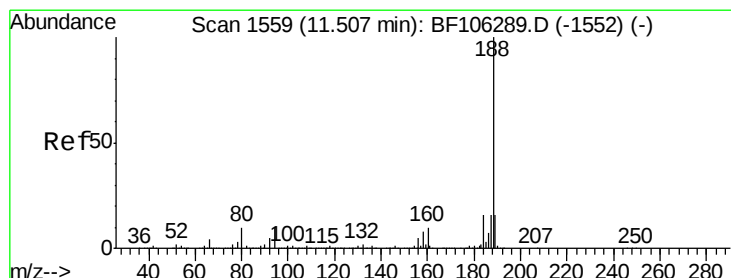
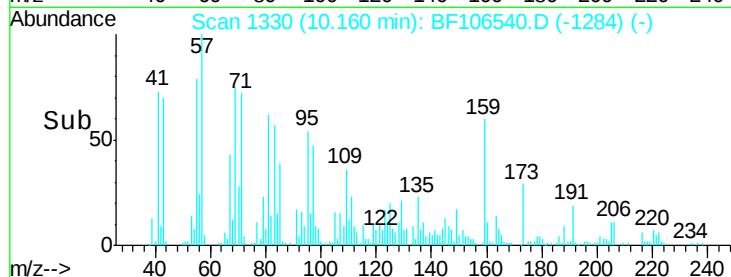
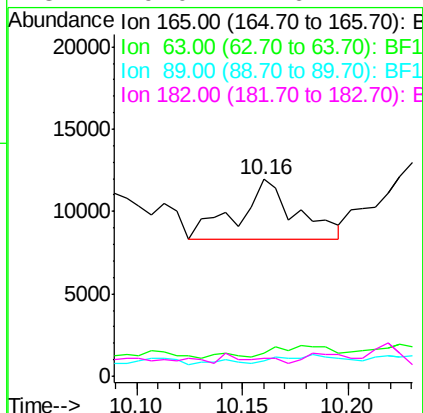
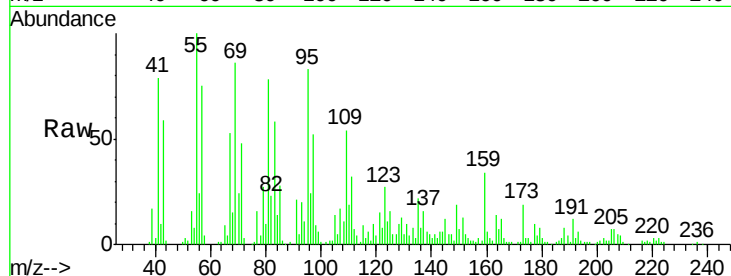




#56
2,4-Dinitrotoluene
Concen: 2.438 ng
RT: 10.16 min Scan# 1330
Delta R.T. -0.03 min
Lab File: BF106540.D
Acq: 18 Jun 2018 16:00

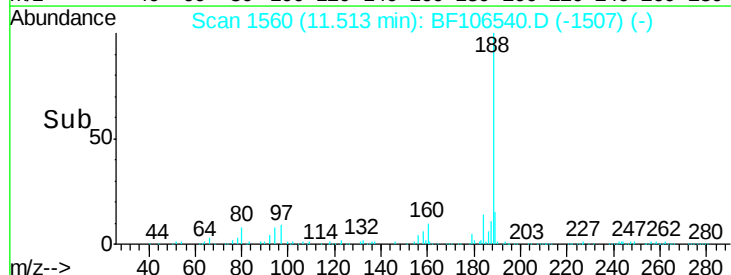
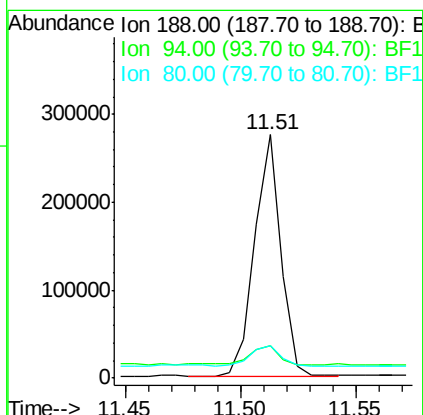
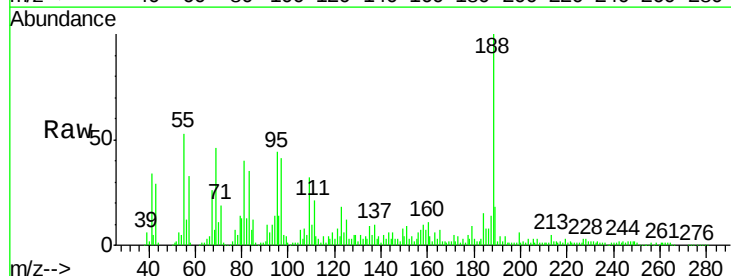
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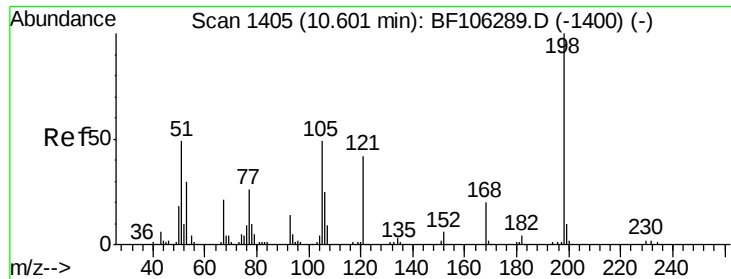
Tgt Ion:165 Resp: 7006
Ion Ratio Lower Upper
165 100
63 11.9 36.4 54.6#
89 8.1 57.8 86.6#
182 9.0 1.6 2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1560
Delta R.T. 0.01 min
Lab File: BF106540.D
Acq: 18 Jun 2018 16:00

Tgt Ion:188 Resp: 218634
Ion Ratio Lower Upper
188 100
94 13.6 8.5 12.7#
80 13.1 9.2 13.8





#64

4,6-Dinitro-2-methylphenol

Concen: 7.054 ng

RT: 10.63 min Scan# 1410

Delta R.T. 0.03 min

Lab File: BF106540.D

Acq: 18 Jun 2018 16:00

Instrument :

BNA_F

ClientSampleId :

OILY-WATER-DRUMS-1-2

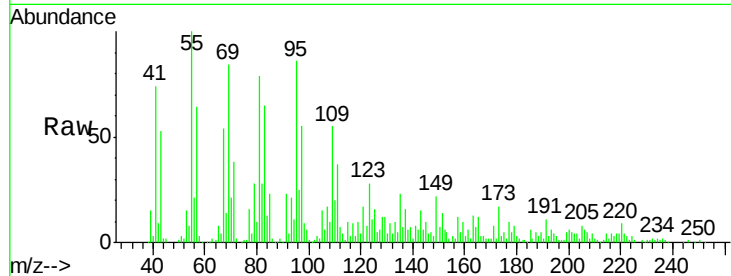
Tgt Ion:198 Resp: 1030

Ion Ratio Lower Upper

198 100

51 524.6 37.7 77.7#

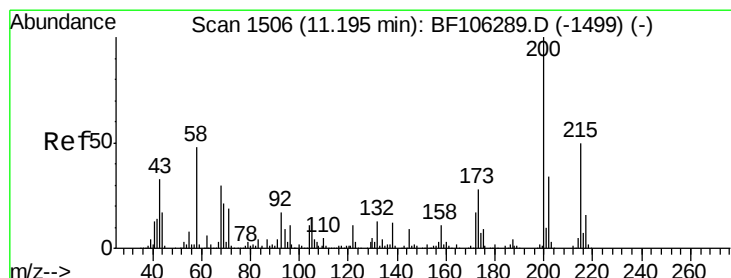
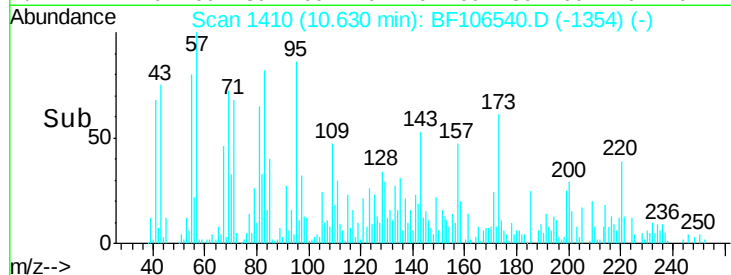
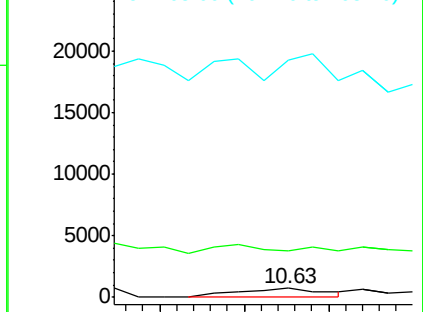
105 2680.4 36.3 76.3#



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



#68

Atrazine

Concen: 3.551 ng

RT: 11.20 min Scan# 1506

Delta R.T. 0.01 min

Lab File: BF106540.D

Acq: 18 Jun 2018 16:00

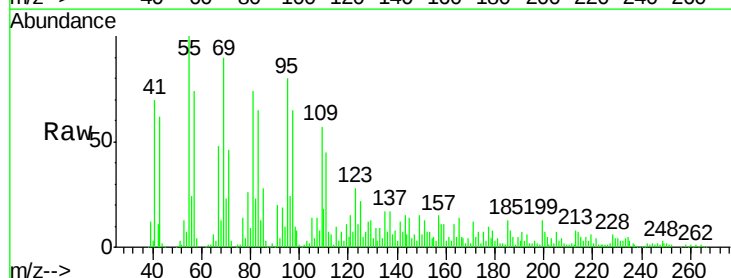
Tgt Ion:200 Resp: 8041

Ion Ratio Lower Upper

200 100

173 94.6 8.6 48.6#

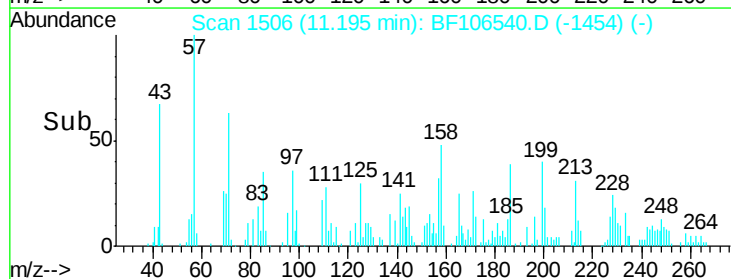
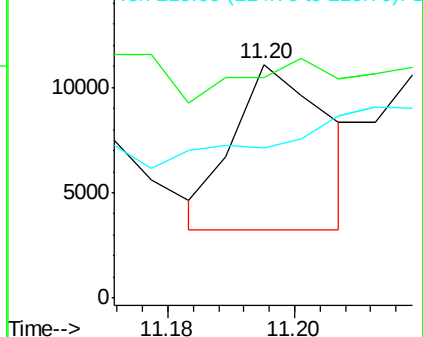
215 64.4 25.1 65.1

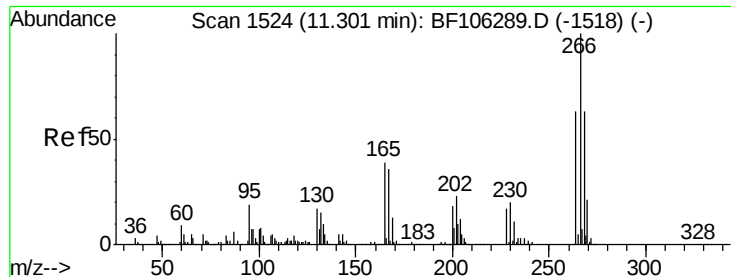


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

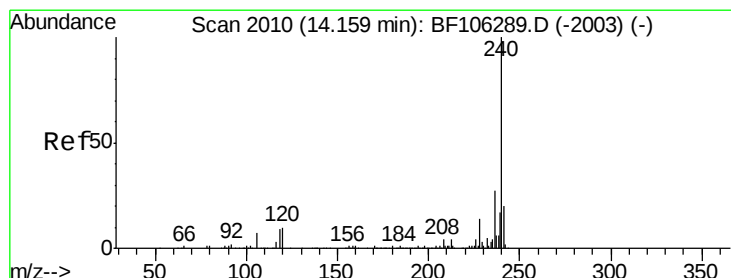
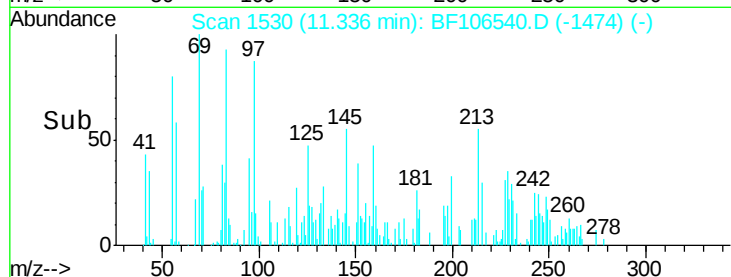
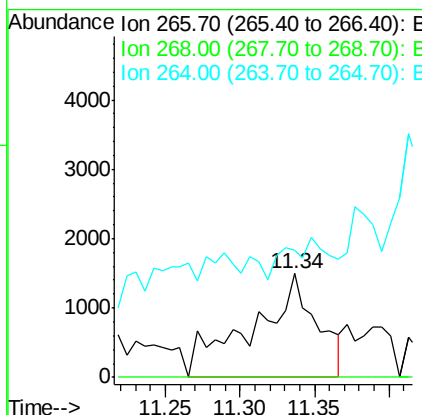
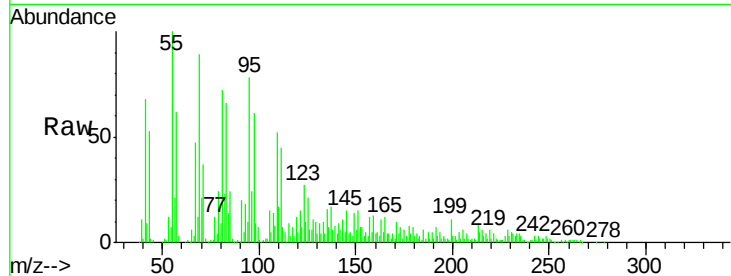




#69
 Pentachlorophenol
 Concen: 2.852 ng
 RT: 11.34 min Scan# 1530
 Delta R.T. 0.03 min
 Lab File: BF106540.D
 Acq: 18 Jun 2018 16:00

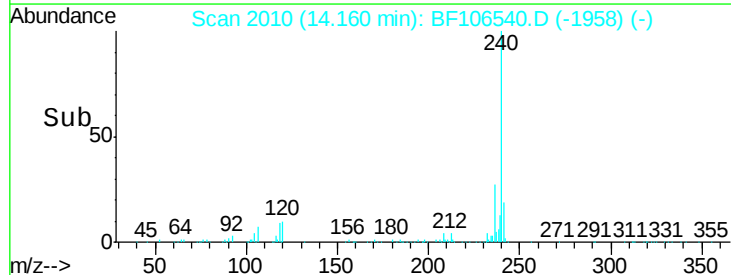
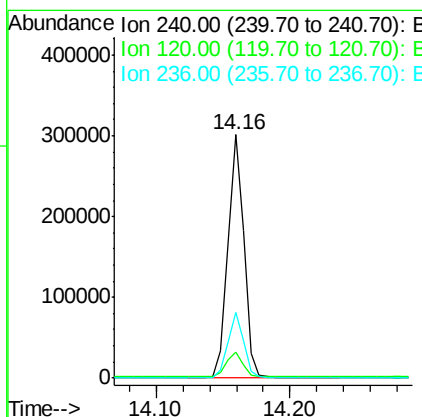
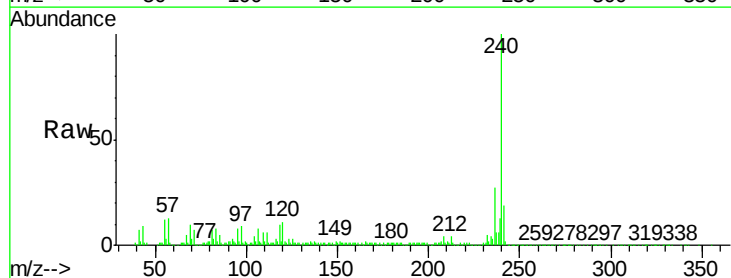
Instrument :
 BNA_F
 ClientSampleId :
 OILY-WATER-DRUMS-1-2

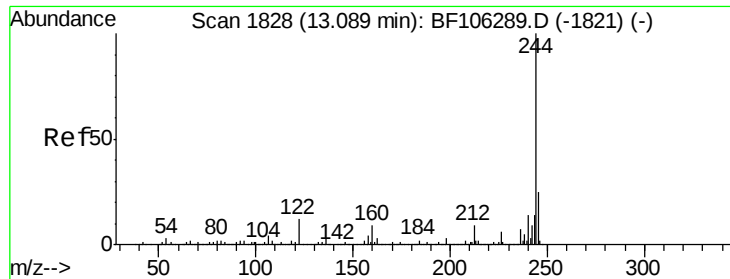
Tgt Ion: 266 Resp: 4502
 Ion Ratio Lower Upper
 266 100
 268 0.0 51.1 76.7#
 264 122.2 49.5 74.3#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.16 min Scan# 2010
 Delta R.T. 0.01 min
 Lab File: BF106540.D
 Acq: 18 Jun 2018 16:00

Tgt Ion: 240 Resp: 257432
 Ion Ratio Lower Upper
 240 100
 120 10.5 9.5 14.3
 236 27.1 20.7 31.1

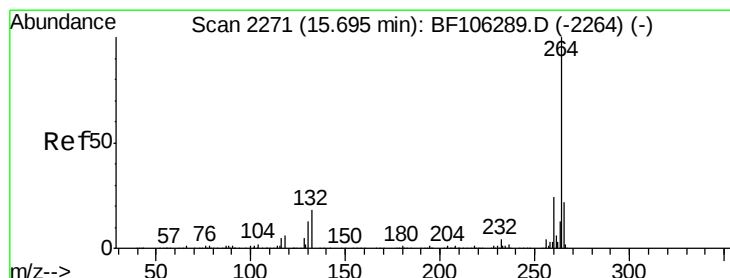
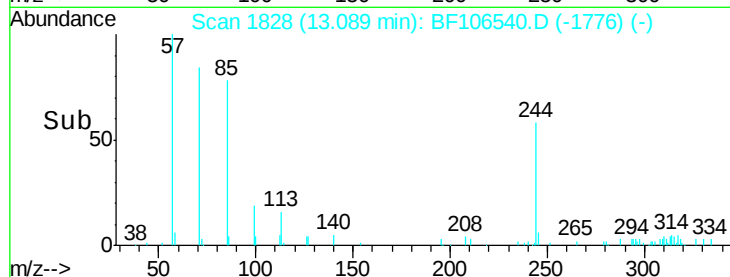
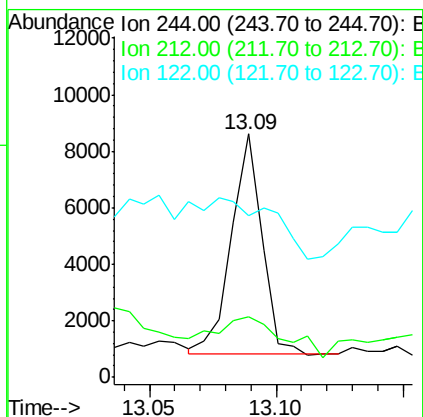
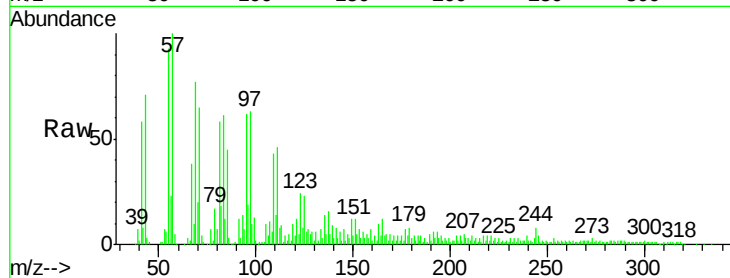




#78
 Terphenyl-d14
 Concen: 0.631 ng
 RT: 13.09 min Scan# 1828
 Delta R.T. 0.01 min
 Lab File: BF106540.D
 Acq: 18 Jun 2018 16:00

Instrument :
 BNA_F
 ClientSampleId :
 OILY-WATER-DRUMS-1-2

Tgt Ion: 244 Resp: 6536
 Ion Ratio Lower Upper
 244 100
 212 25.1 5.4 8.0#
 122 66.4 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.71 min Scan# 2273
 Delta R.T. 0.02 min
 Lab File: BF106540.D
 Acq: 18 Jun 2018 16:00

Tgt Ion: 264 Resp: 313095
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.2 28.8
 265 21.6 17.5 26.3

