

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071318\
 Data File : BF107373.D
 Acq On : 13 Jul 2018 17:55
 Operator : JU/SJ
 Sample : J3947-27
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Jul 13 19:15:03 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

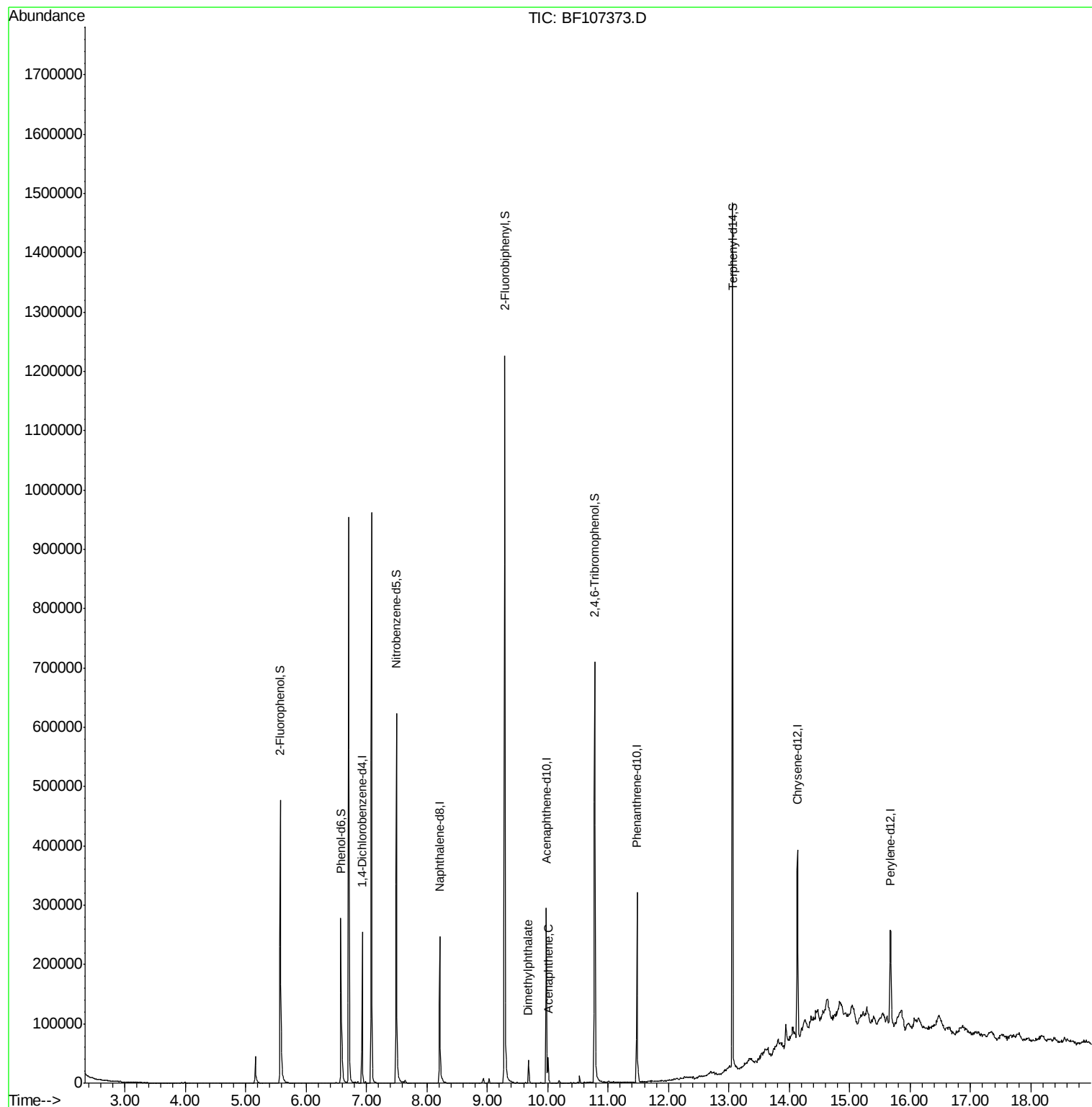
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	40062	20.00	ng	-0.03
21) Naphthalene-d8	8.21	136	135743	20.00	ng	-0.04
38) Acenaphthene-d10	9.98	164	63418	20.00	ng	-0.03
63) Phenanthrene-d10	11.48	188	136235	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	125601	20.00	ng	-0.03
86) Perylene-d12	15.68	264	90172	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	165048	69.76	ng	-0.03
7) Phenol-d6	6.58	99	118045	39.95	ng	-0.04
23) Nitrobenzene-d5	7.50	82	227391	93.09	ng	-0.04
41) 2,4,6-Tribromophenol	10.78	330	113976	155.06	ng	-0.02
44) 2-Fluorobiphenyl	9.29	172	439576	124.11	ng	-0.03
78) Terphenyl-d14	13.06	244	557801	107.58	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.68	163	19442	4.088	ng	Qvalue # 97
51) Acenaphthene	10.01	154	10442	2.640	ng	97

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

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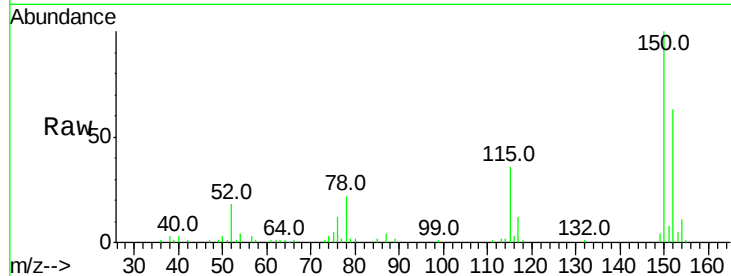


#1

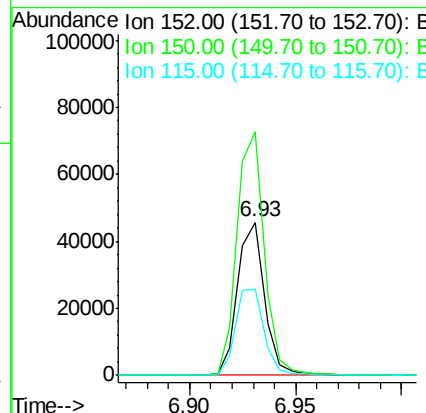
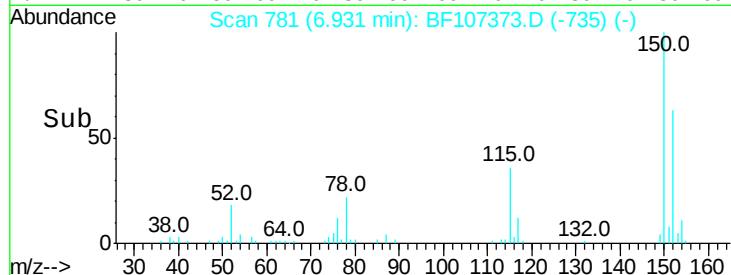
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 781
Delta R.T. -0.03 min
Lab File: BF107373.D
Acq: 13 Jul 2018 17:55

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

Tot Ion:152 Resp: 40062
Ion Ratio Lower Upper
152 100
150 159.3 124.6 186.8
115 56.7 50.1 75.1



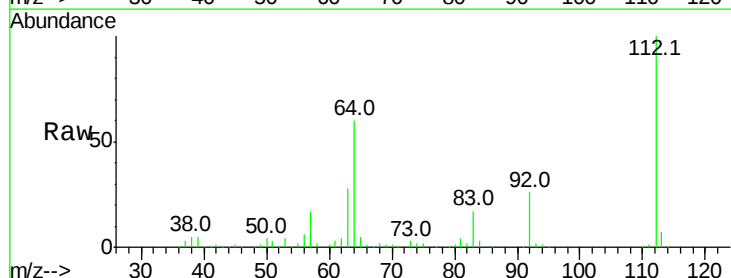
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



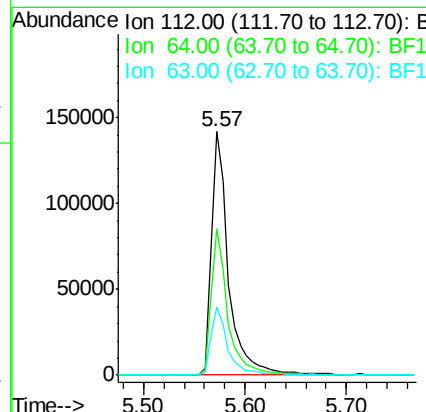
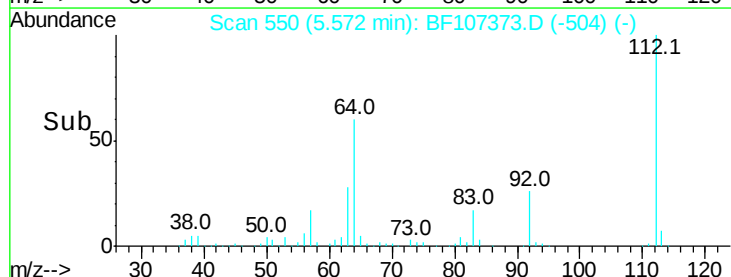
#5

2-Fluorophenol
Concen: 69.762 ng
RT: 5.57 min Scan# 550
Delta R.T. -0.03 min
Lab File: BF107373.D
Acq: 13 Jul 2018 17:55

Tgt Ion:112 Resp: 165048
Ion Ratio Lower Upper
112 100
64 60.1 47.9 71.9
63 27.9 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: 39.954 ng

RT: 6.58 min Scan# 721

Delta R.T. -0.04 min

Lab File: BF107373.D

Acq: 13 Jul 2018 17:55

Instrument :

BNA_F

ClientSampleId :

PAR-1-OILY-WATER

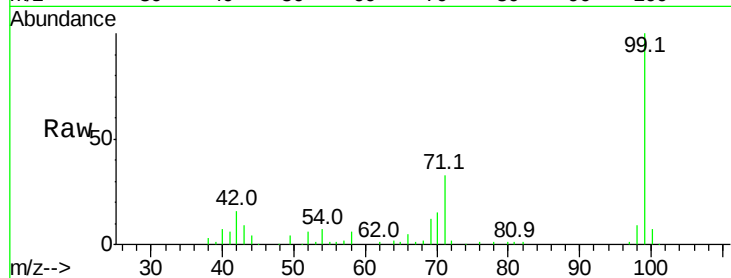
Tot Ion: 99 Resp: 118045

Ion Ratio Lower Upper

99 100

42 16.0 14.5 21.7

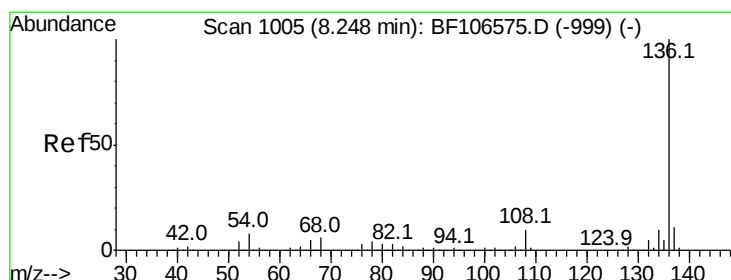
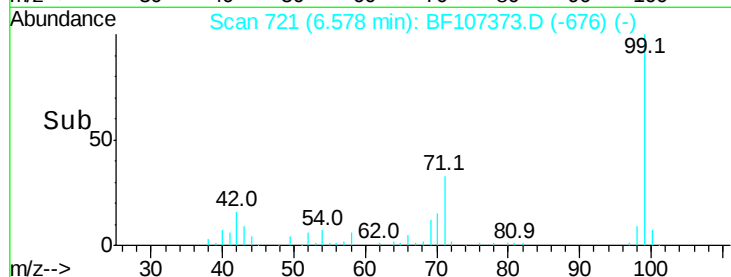
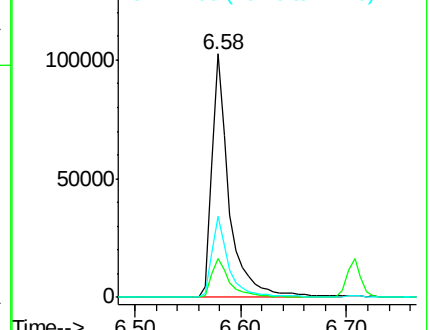
71 33.4 25.4 38.0



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: 8.21 min Scan# 999

Delta R.T. -0.04 min

Lab File: BF107373.D

Acq: 13 Jul 2018 17:55

Tgt Ion: 136 Resp: 135743

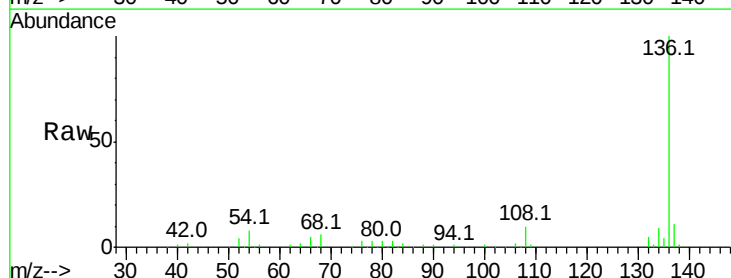
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.0 6.6 9.8

68 6.4 5.0 7.4

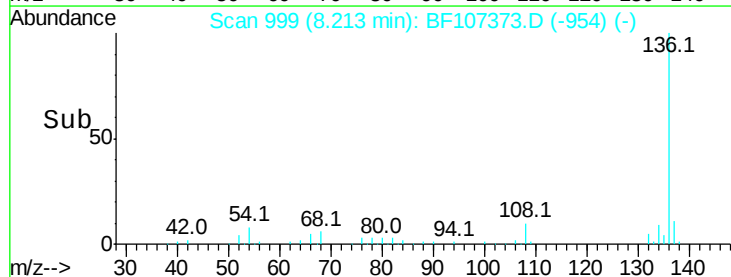
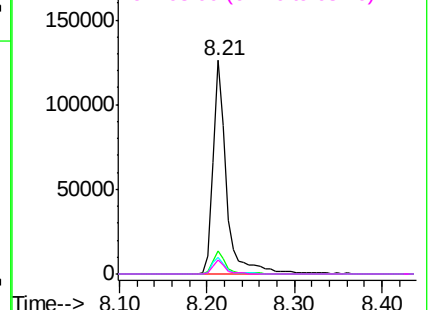


Abundance Ion 136.00 (135.70 to 136.70): E

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

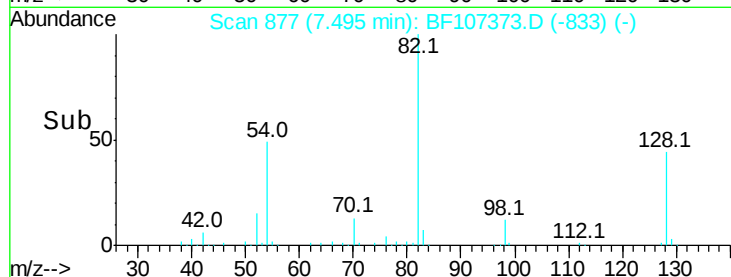
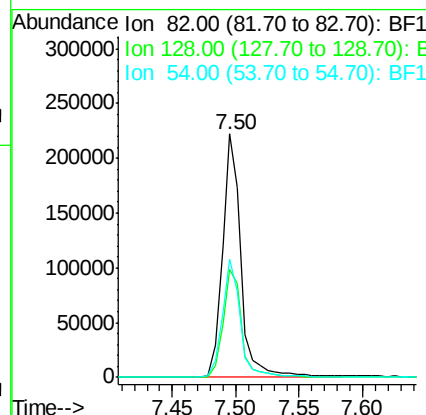
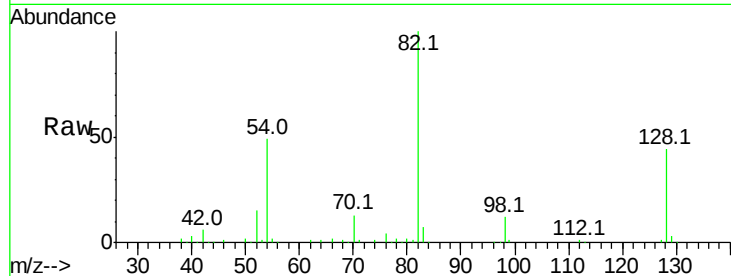




#23
 Nitrobenzene-d5
 Concen: 93.094 ng
 RT: 7.50 min Scan# 877
 Delta R.T. -0.04 min
 Lab File: BF107373.D
 Acq: 13 Jul 2018 17:55

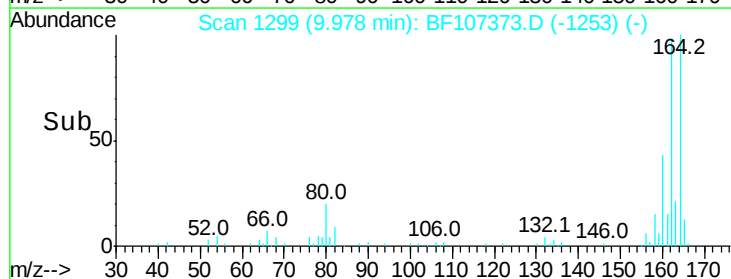
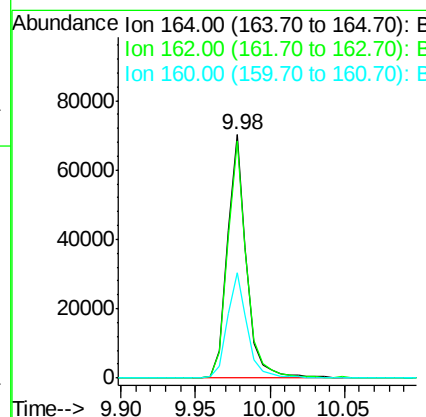
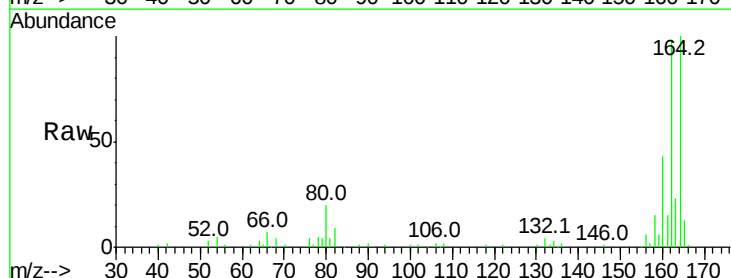
Instrument :
 BNA_F
 ClientSampleId :
 PAR-1-OILY-WATER

Tot Ion: 82 Resp: 227391
 Ion Ratio Lower Upper
 82 100
 128 44.4 36.1 54.1
 54 48.7 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.98 min Scan# 1299
 Delta R.T. -0.03 min
 Lab File: BF107373.D
 Acq: 13 Jul 2018 17:55

Tgt Ion:164 Resp: 63418
 Ion Ratio Lower Upper
 164 100
 162 97.6 86.1 129.1
 160 43.1 38.3 57.5





#41

2,4,6-Tribromophenol

Concen: 155.063 ng

RT: 10.78 min Scan# 1435

Delta R.T. -0.02 min

Lab File: BF107373.D

Acq: 13 Jul 2018 17:55

Instrument :

BNA_F

ClientSampleId :

PAR-1-OILY-WATER

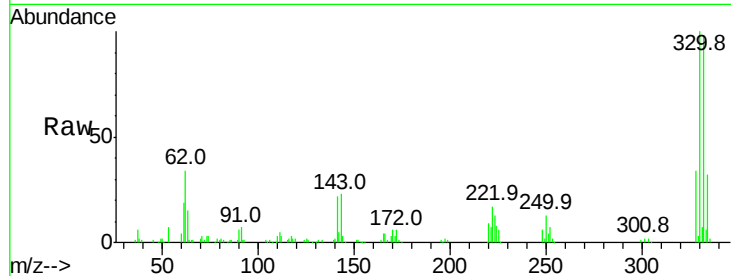
Tot Ion:330 Resp: 113976

Ion Ratio Lower Upper

330 100

332 96.7 77.0 115.6

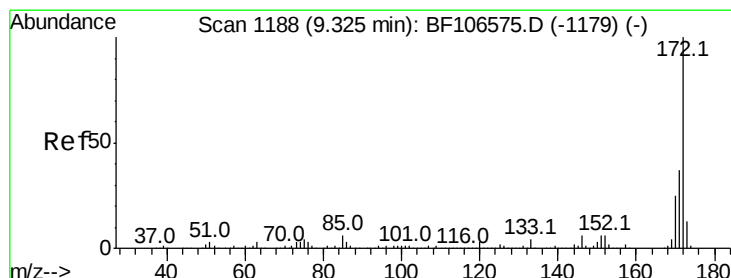
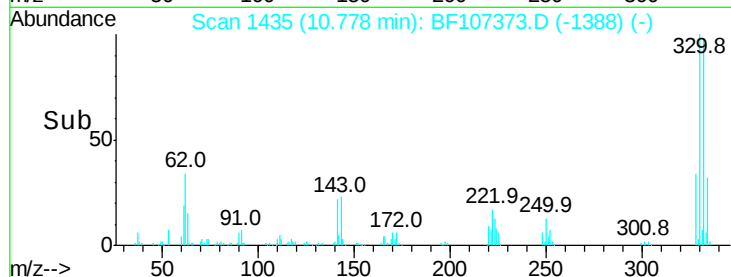
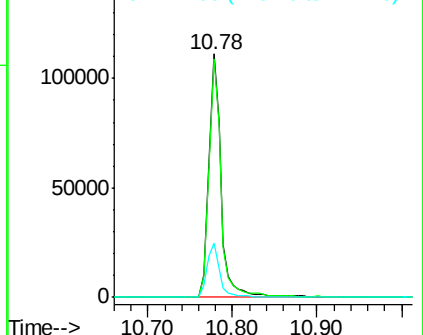
141 22.7 29.9 44.9#



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: 124.110 ng

RT: 9.29 min Scan# 1182

Delta R.T. -0.03 min

Lab File: BF107373.D

Acq: 13 Jul 2018 17:55

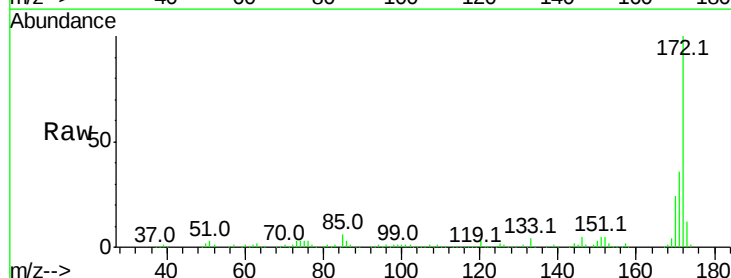
Tgt Ion:172 Resp: 439576

Ion Ratio Lower Upper

172 100

171 36.4 29.7 44.5

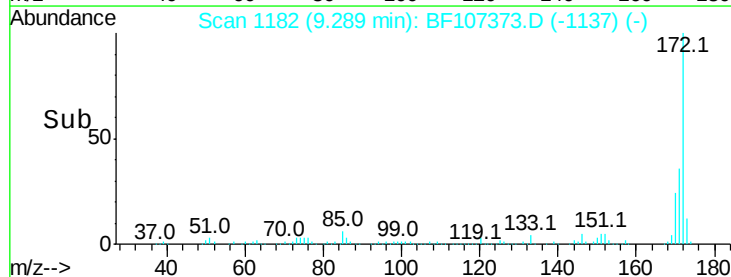
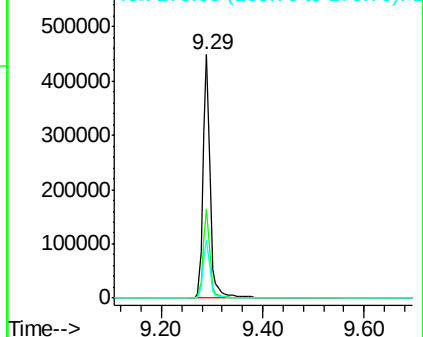
170 23.8 19.6 29.4



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





#49

Dimethylphthalate

Concen: 4.088 ng

RT: 9.68 min Scan# 1249

Delta R.T. -0.04 min

Lab File: BF107373.D

Acq: 13 Jul 2018 17:55

Instrument :

BNA_F

ClientSampleId :

PAR-1-OILY-WATER

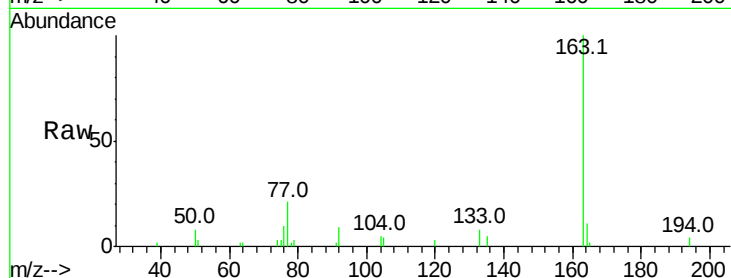
Tot Ion:163 Resp: 19442

Ion Ratio Lower Upper

163 100

194 4.3 2.7 4.1#

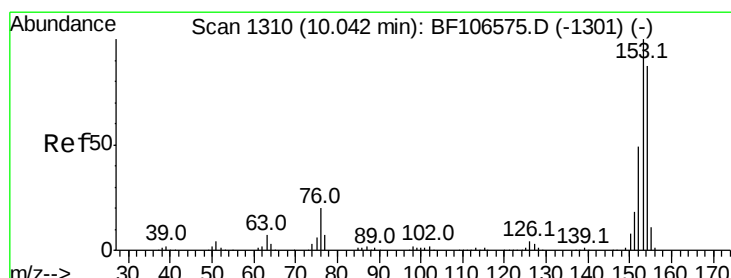
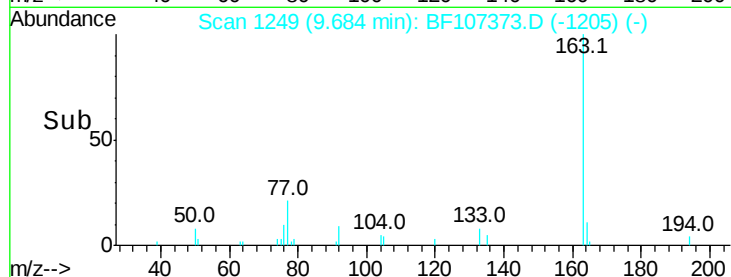
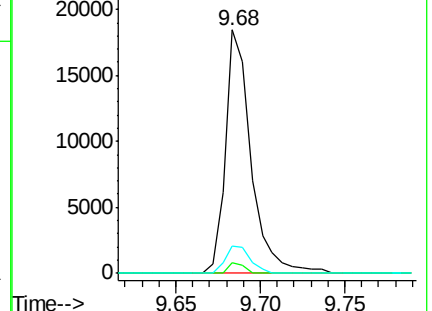
164 11.2 8.2 12.2



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



#51

Acenaphthene

Concen: 2.640 ng

RT: 10.01 min Scan# 1304

Delta R.T. -0.04 min

Lab File: BF107373.D

Acq: 13 Jul 2018 17:55

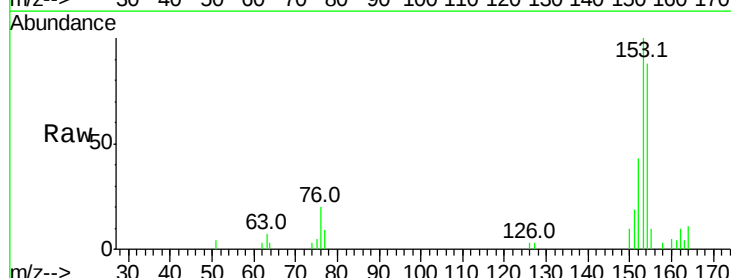
Tgt Ion:154 Resp: 10442

Ion Ratio Lower Upper

154 100

153 113.8 91.2 136.8

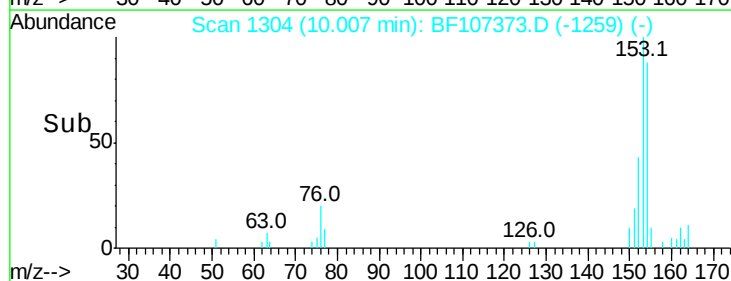
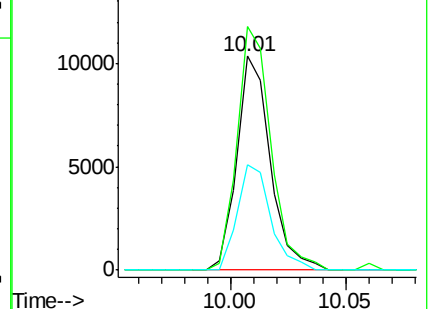
152 49.4 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.48 min Scan# 1554

Delta R.T. -0.02 min

Lab File: BF107373.D

Acq: 13 Jul 2018 17:55

Instrument :

BNA_F

ClientSampleId :

PAR-1-OILY-WATER

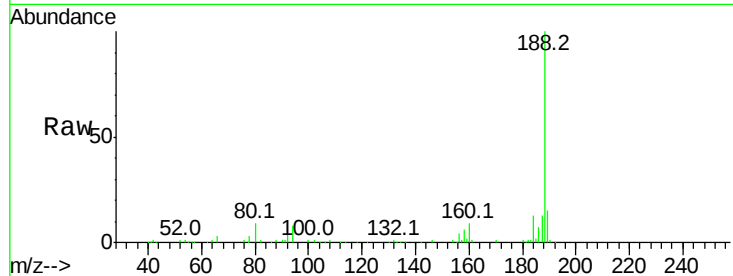
Tot Ion:188 Resp: 136235

Ion Ratio Lower Upper

188 100

94 8.5 8.5 12.7#

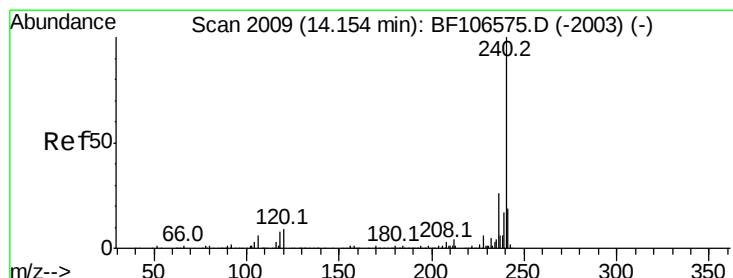
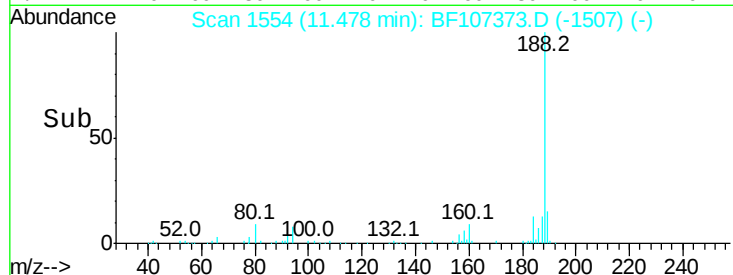
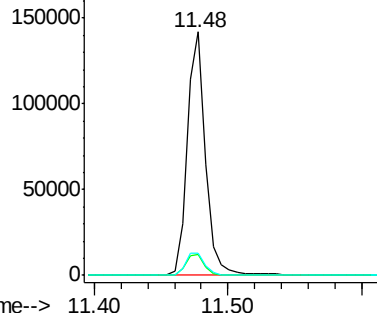
80 8.9 9.2 13.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2006

Delta R.T. -0.03 min

Lab File: BF107373.D

Acq: 13 Jul 2018 17:55

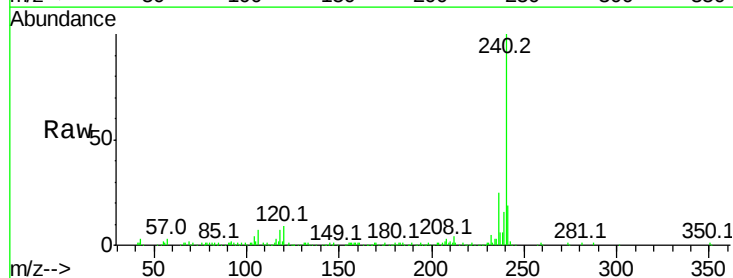
Tgt Ion:240 Resp: 125601

Ion Ratio Lower Upper

240 100

120 8.7 9.5 14.3#

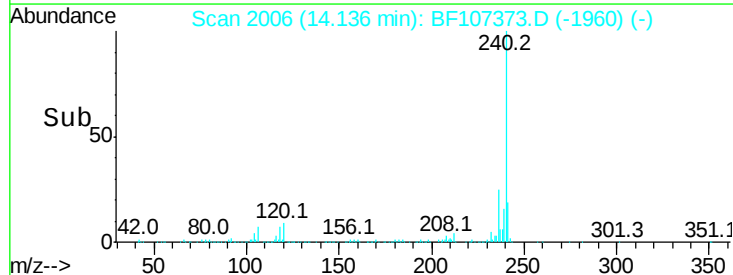
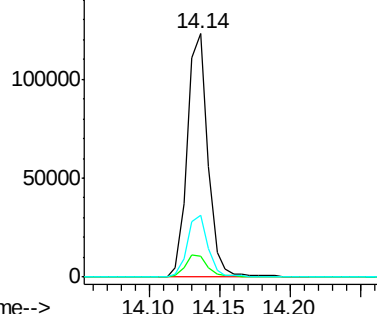
236 25.4 20.7 31.1

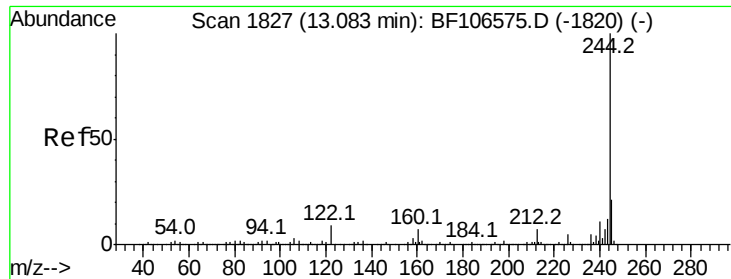


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

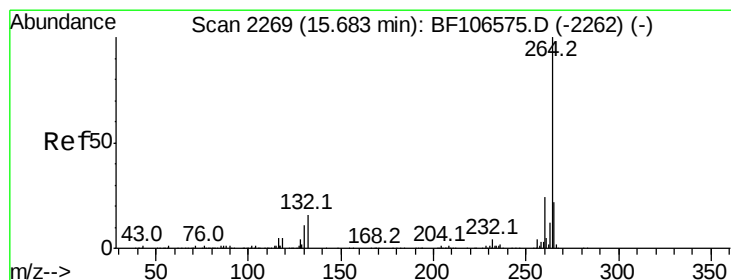
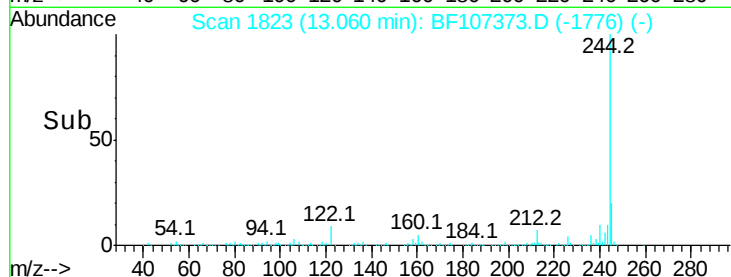
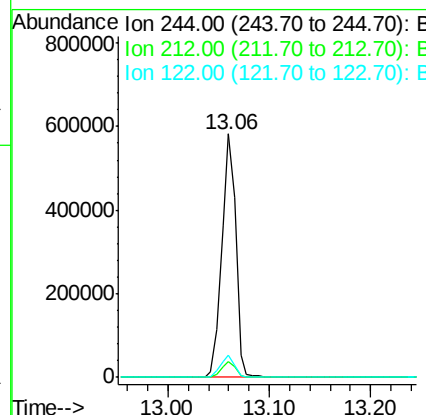
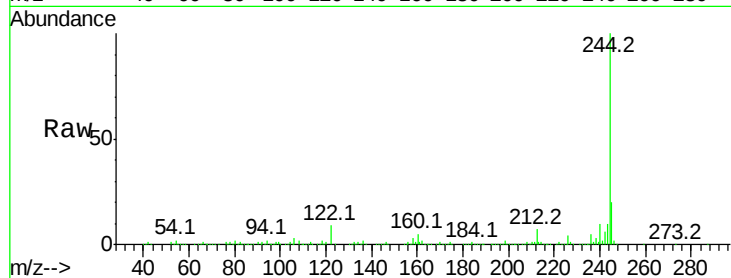




#78
 Terphenyl-d14
 Concen: 107.576 ng
 RT: 13.06 min Scan# 1823
 Delta R.T. -0.02 min
 Lab File: BF107373.D
 Acq: 13 Jul 2018 17:55

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

Tot Ion:244 Resp: 557801
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 9.0 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2268
 Delta R.T. -0.04 min
 Lab File: BF107373.D
 Acq: 13 Jul 2018 17:55

Tgt Ion:264 Resp: 90172
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 22.1 17.5 26.3

