

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021318\
 Data File : BF102957.D
 Acq On : 13 Feb 2018 13:15
 Operator : SJ/JU
 Sample : J1527-01 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OILY-WATER

Quant Time: Feb 14 00:38:26 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 00:38:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	138931	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	608644	20.00	ng	-0.01
38) Acenaphthene-d10	9.91	164	284494	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	514164	20.00	ng	0.00
75) Chrysene-d12	14.03	240	395397	20.00	ng	0.00
86) Perylene-d12	15.51	264	325218	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	52391	5.73	ng	0.00
7) Phenol-d6	6.49	99	41654	3.78	ng	0.00
23) Nitrobenzene-d5	7.43	82	92987	10.60	ng	-0.02
41) 2,4,6-Tribromophenol	10.70	330	33770	14.75	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	188779	11.01	ng	-0.01
78) Terphenyl-d14	12.97	244	195421	11.70	ng	-0.01

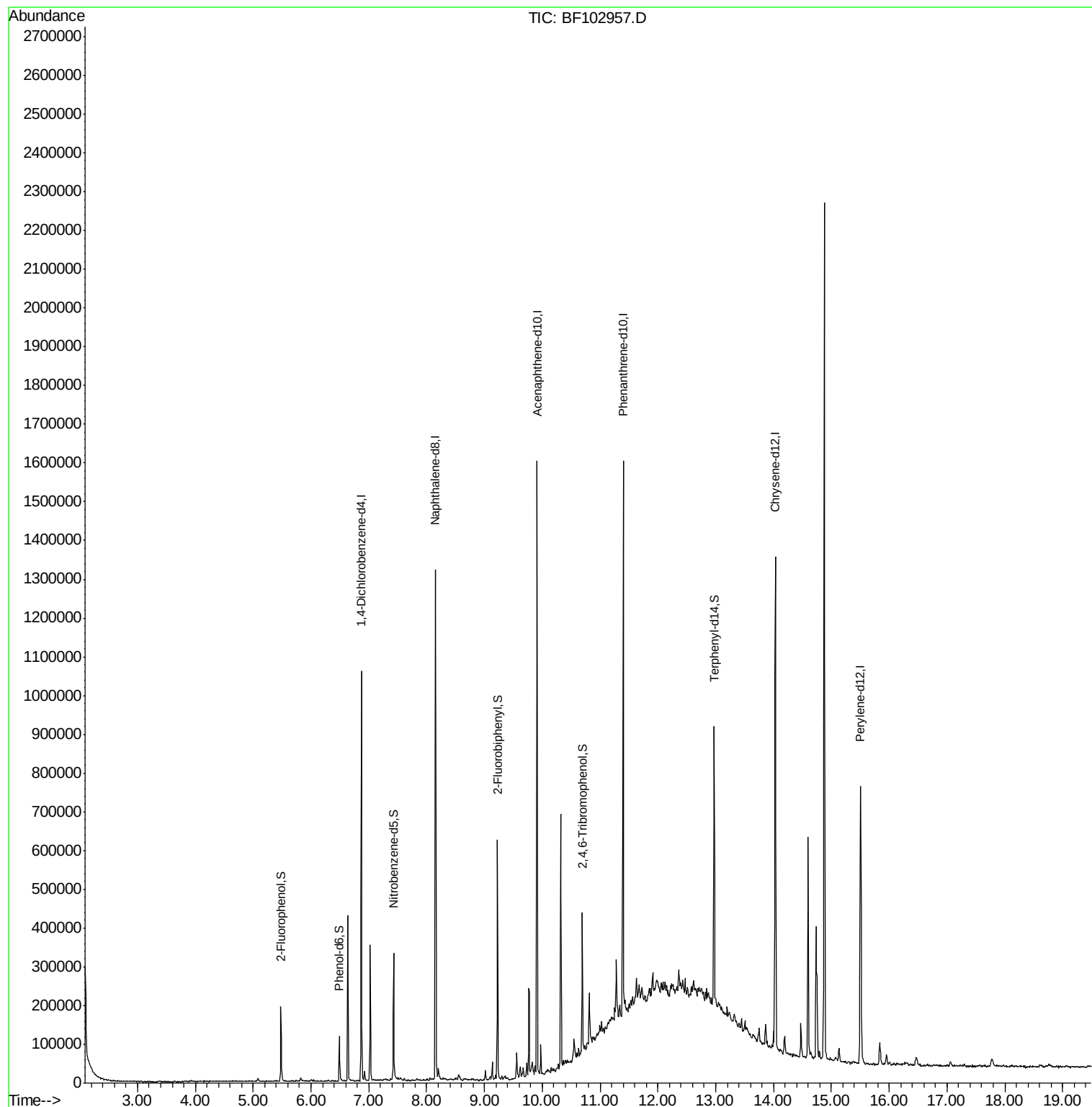
Target Compounds Qvalue

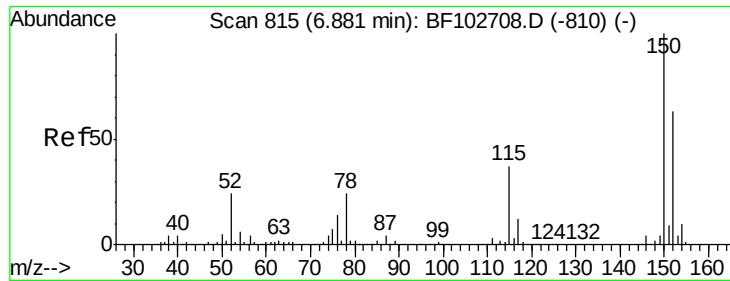
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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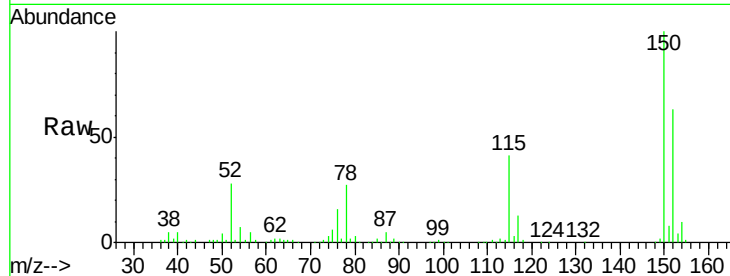


#1

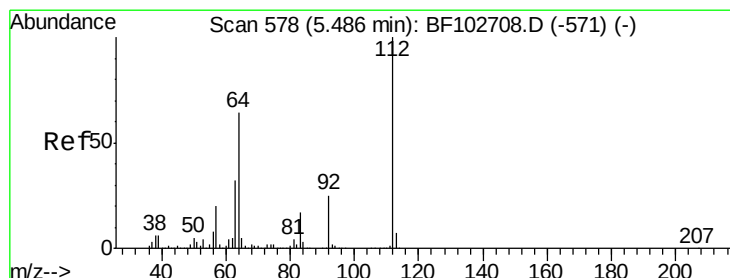
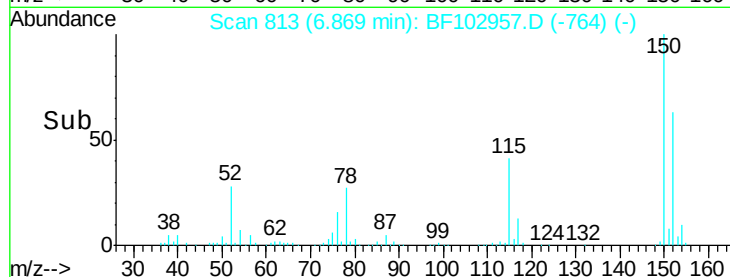
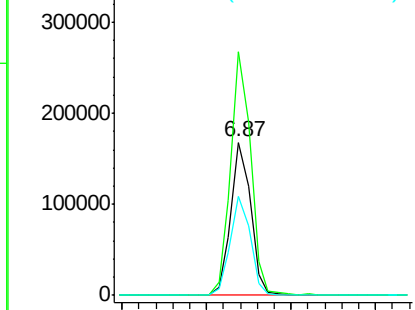
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF102957.D
Acq: 13 Feb 2018 13:15

Instrument :
BNA_F
ClientSampleId :
OILY-WATER

Tot Ion:152 Resp: 138931
Ion Ratio Lower Upper
152 100
150 159.2 124.6 186.8
115 65.0 50.1 75.1



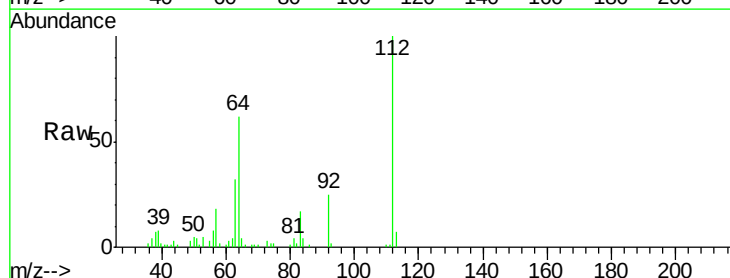
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



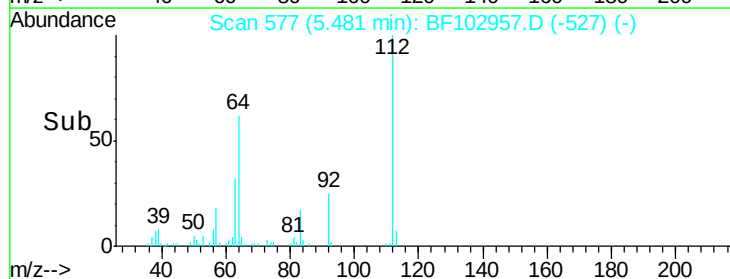
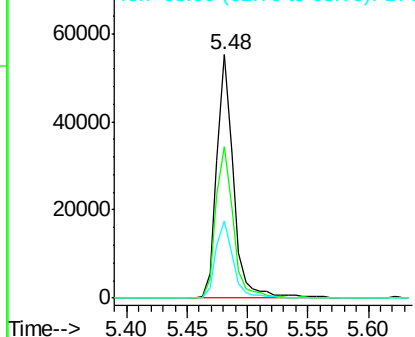
#5

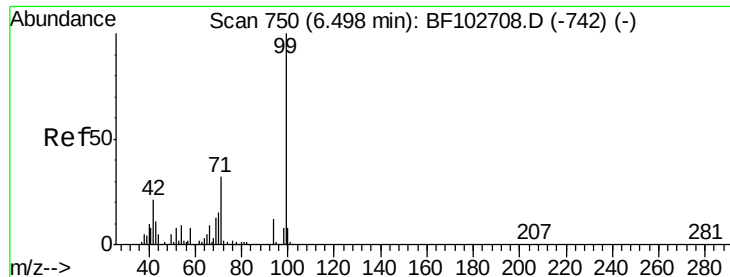
2-Fluorophenol
Concen: 5.727 ng
RT: 5.48 min Scan# 577
Delta R.T. -0.01 min
Lab File: BF102957.D
Acq: 13 Feb 2018 13:15

Tgt Ion:112 Resp: 52391
Ion Ratio Lower Upper
112 100
64 62.2 47.9 71.9
63 31.8 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: 3.782 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF102957.D

Acq: 13 Feb 2018 13:15

Instrument :

BNA_F

ClientSampleId :

OILY-WATER

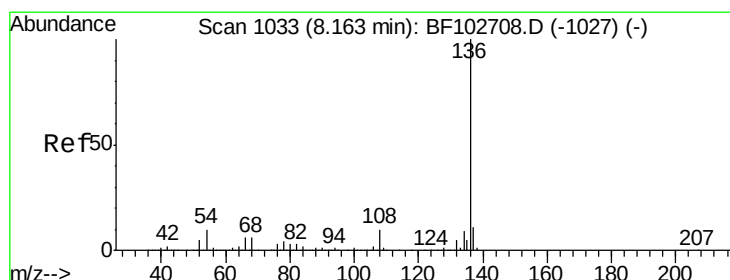
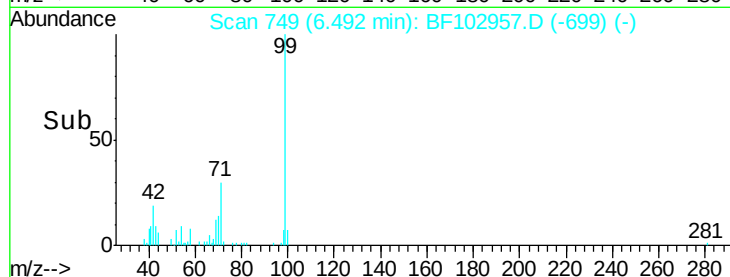
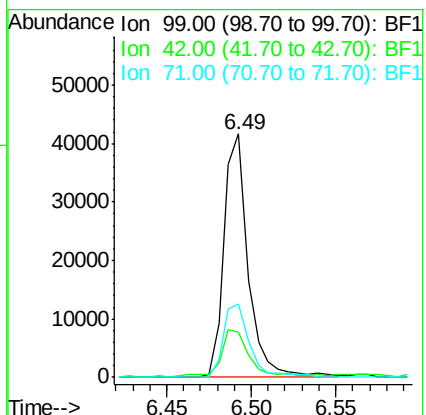
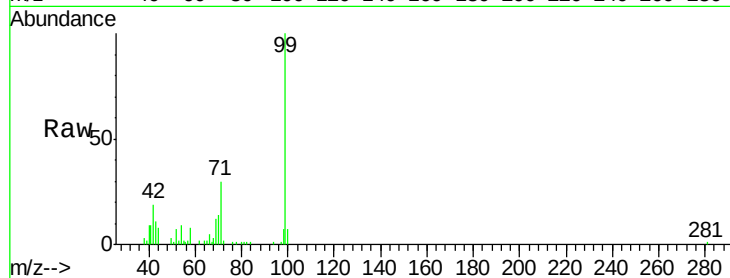
Tot Ion: 99 Resp: 41654

Ion Ratio Lower Upper

99 100

42 18.7 14.5 21.7

71 30.0 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF102957.D

Acq: 13 Feb 2018 13:15

Tgt Ion: 136 Resp: 608644

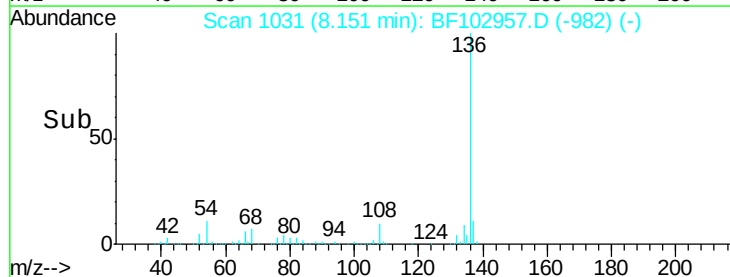
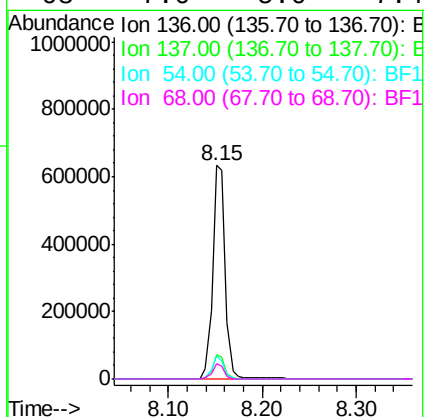
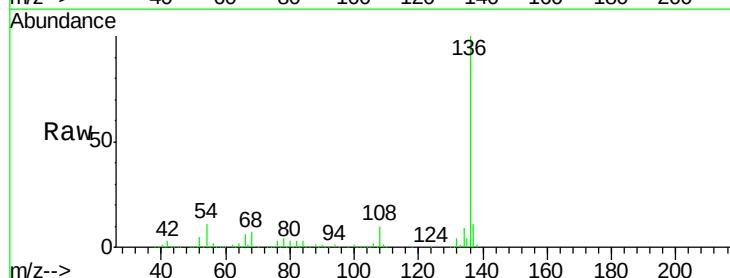
Ion Ratio Lower Upper

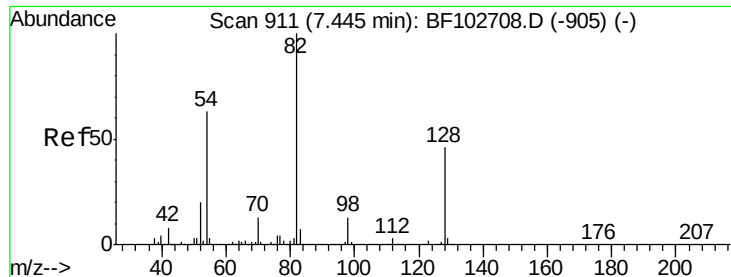
136 100

137 11.3 8.9 13.3

54 10.5 6.6 9.8#

68 7.0 5.0 7.4

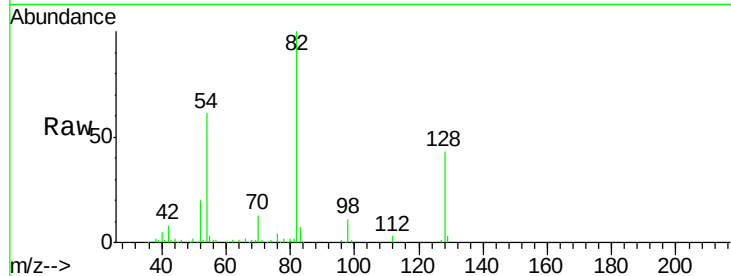




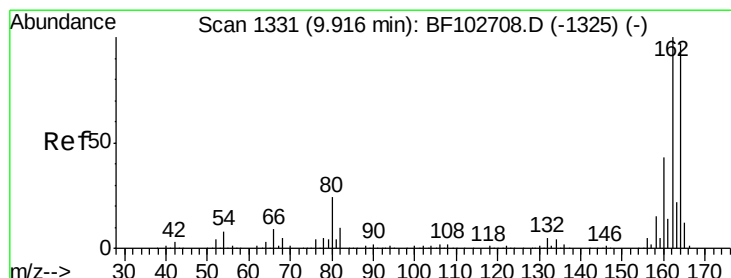
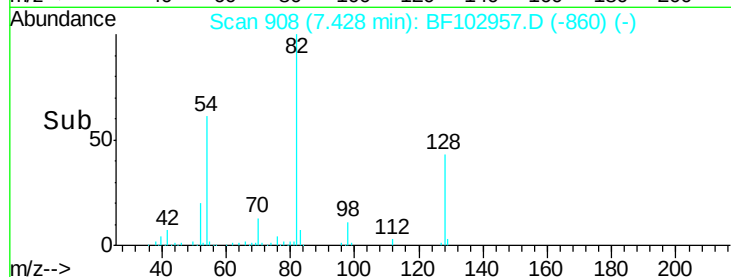
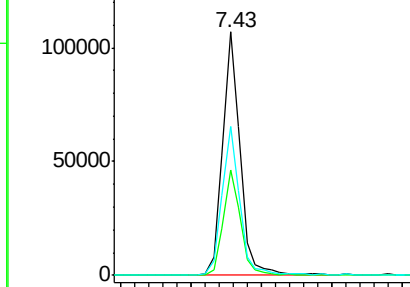
#23
 Nitrobenzene-d5
 Concen: 10.598 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.02 min
 Lab File: BF102957.D
 Acq: 13 Feb 2018 13:15

Instrument :
 BNA_F
 ClientSampleId :
 OILY-WATER

Tot Ion: 82 Resp: 92987
 Ion Ratio Lower Upper
 82 100
 128 43.4 36.1 54.1
 54 61.0 41.4 62.2

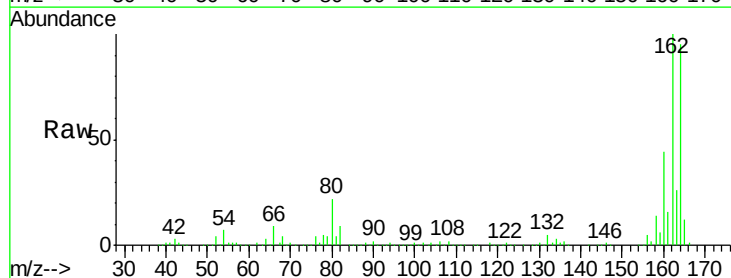


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

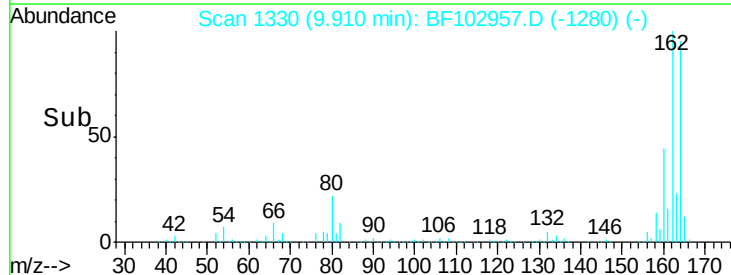
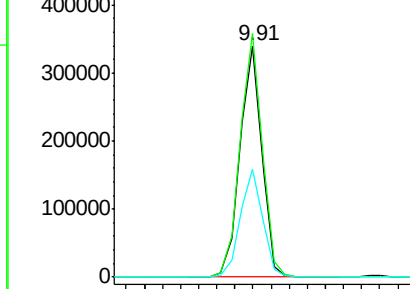


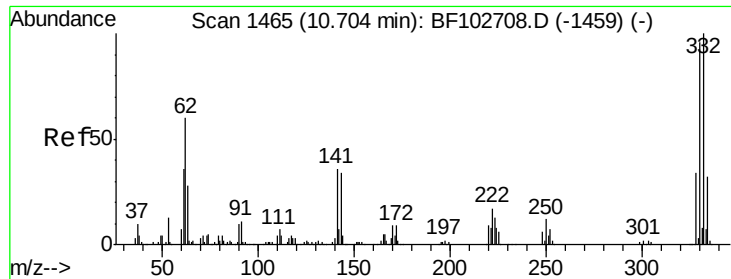
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF102957.D
 Acq: 13 Feb 2018 13:15

Tgt Ion: 164 Resp: 284494
 Ion Ratio Lower Upper
 164 100
 162 105.3 86.1 129.1
 160 46.5 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: 14.748 ng

RT: 10.70 min Scan# 1464

Delta R.T. -0.01 min

Lab File: BF102957.D

Acq: 13 Feb 2018 13:15

Instrument :

BNA_F

ClientSampleId :

OILY-WATER

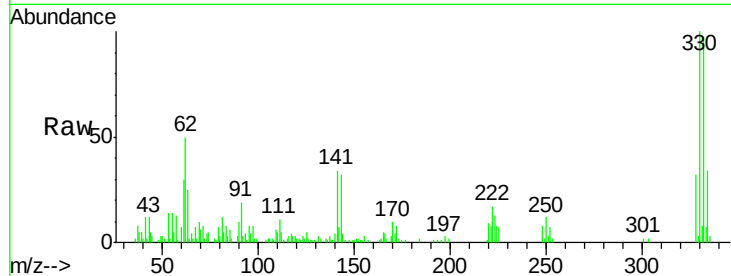
Tot Ion:330 Resp: 33770

Ion Ratio Lower Upper

330 100

332 101.7 77.0 115.6

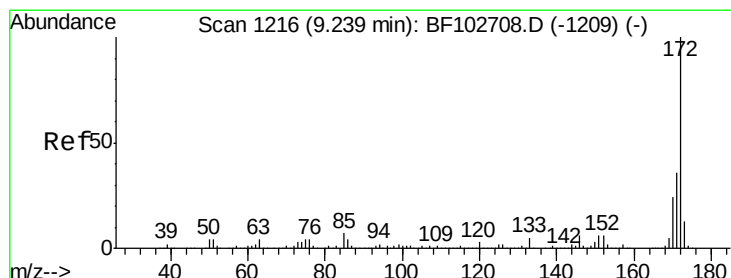
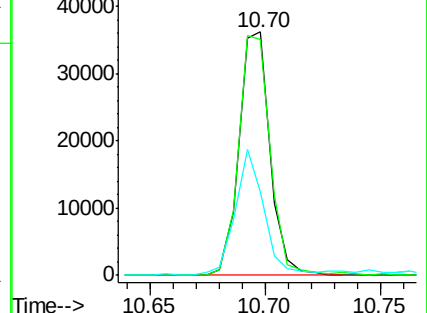
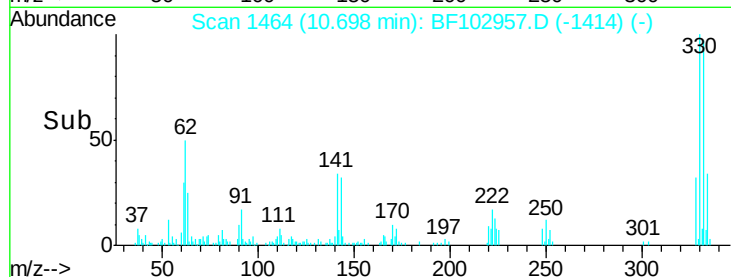
141 47.9 29.9 44.9#



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: 11.011 ng

RT: 9.23 min Scan# 1214

Delta R.T. -0.01 min

Lab File: BF102957.D

Acq: 13 Feb 2018 13:15

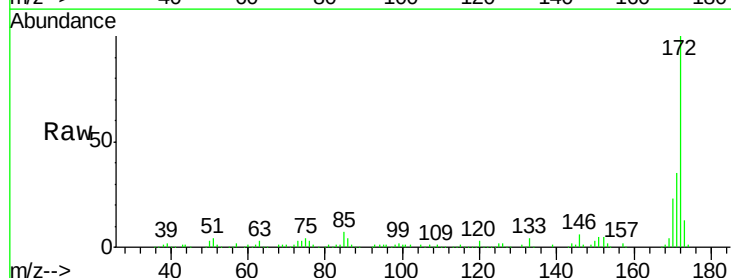
Tgt Ion:172 Resp: 188779

Ion Ratio Lower Upper

172 100

171 35.2 29.7 44.5

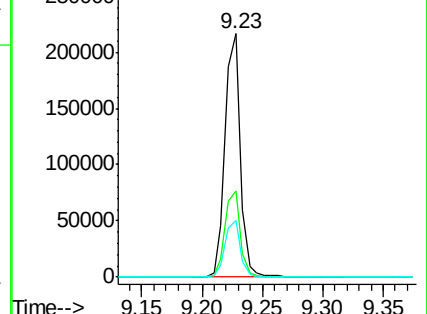
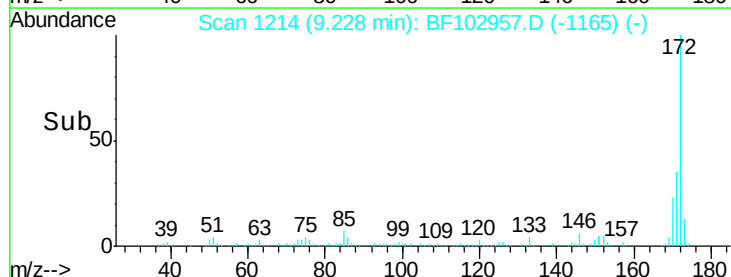
170 23.3 19.6 29.4

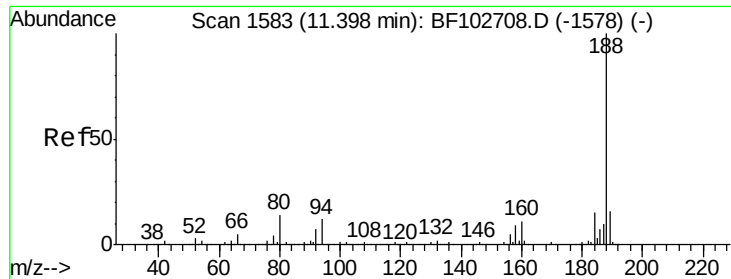


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

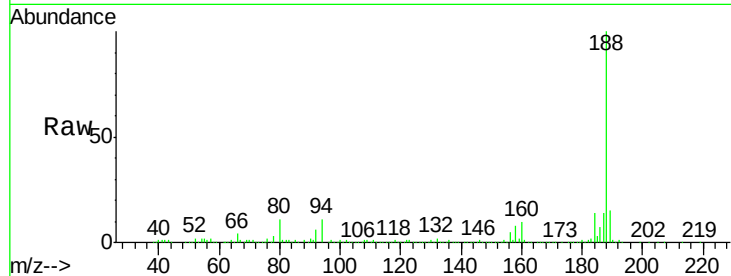




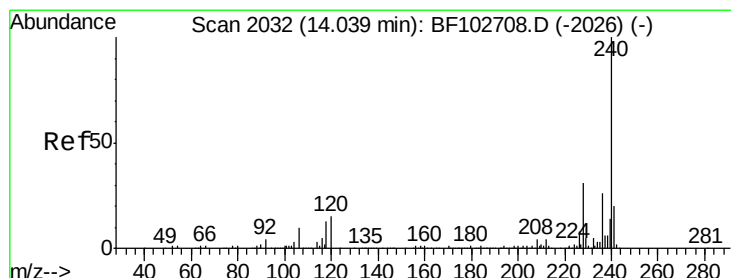
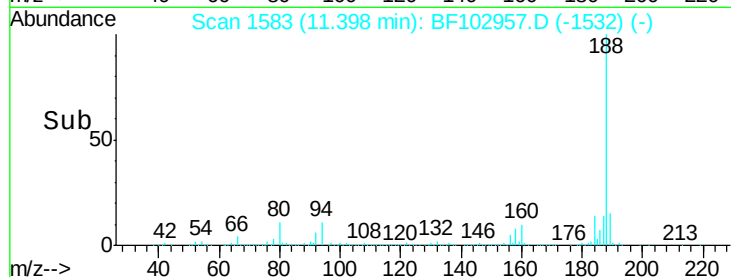
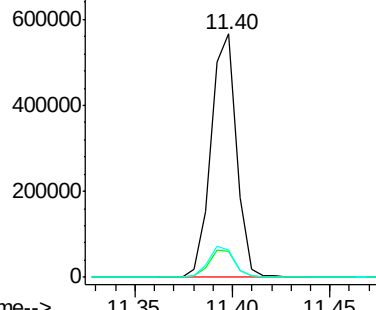
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BF102957.D
Acq: 13 Feb 2018 13:15

Instrument :
BNA_F
ClientSampleId :
OILY-WATER

Tot Ion:188 Resp: 514164
Ion Ratio Lower Upper
188 100
94 10.9 8.5 12.7
80 11.5 9.2 13.8

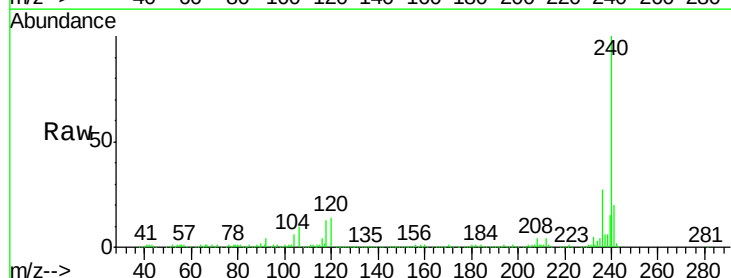


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

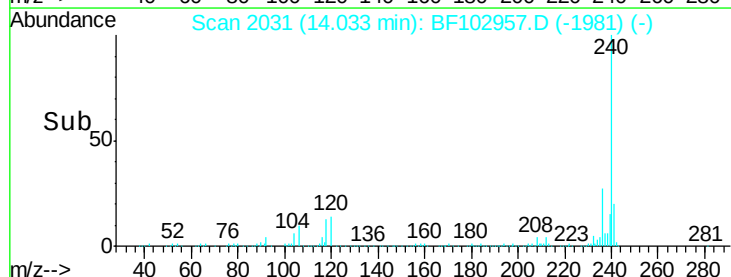
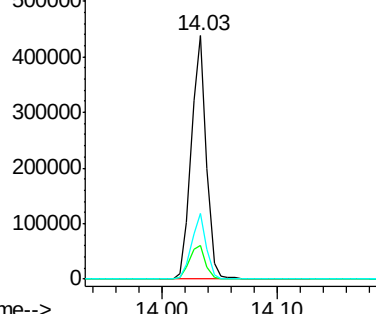


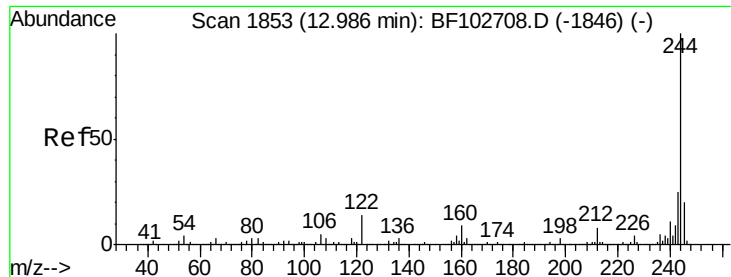
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF102957.D
Acq: 13 Feb 2018 13:15

Tgt Ion:240 Resp: 395397
Ion Ratio Lower Upper
240 100
120 14.0 9.5 14.3
236 26.9 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: 11.702 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BF102957.D

Acq: 13 Feb 2018 13:15

Instrument :

BNA_F

ClientSampleId :

OILY-WATER

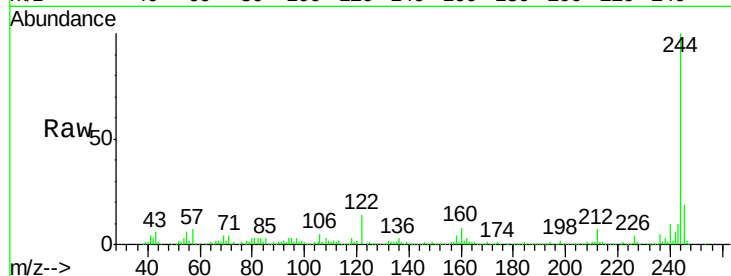
Tot Ion:244 Resp: 195421

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

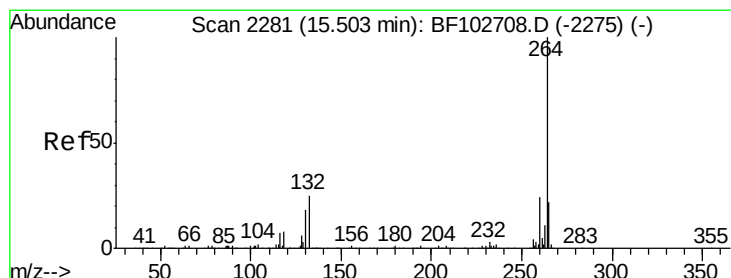
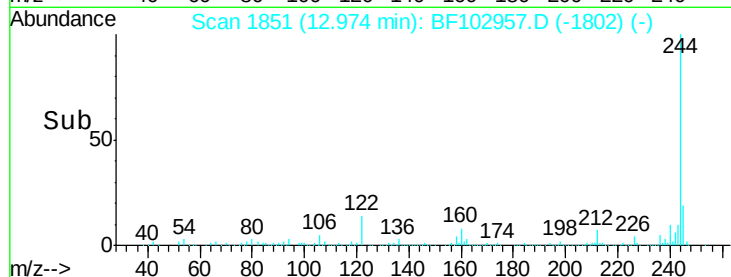
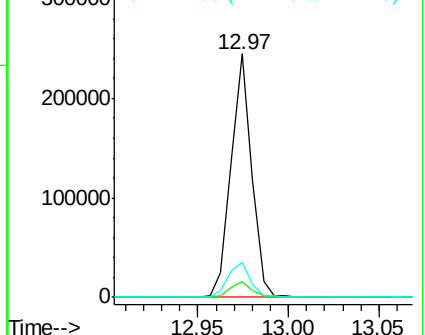
122 14.1 11.0 16.4



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: 15.51 min Scan# 2282

Delta R.T. 0.01 min

Lab File: BF102957.D

Acq: 13 Feb 2018 13:15

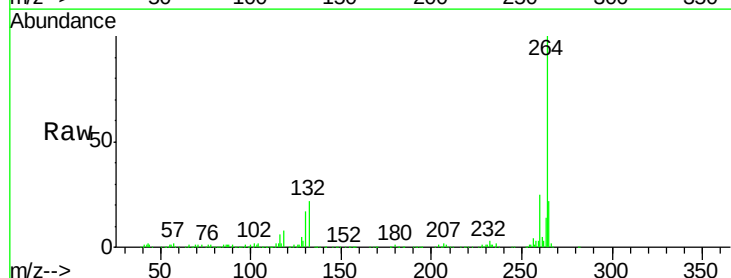
Tgt Ion:264 Resp: 325218

Ion Ratio Lower Upper

264 100

260 24.8 19.2 28.8

265 21.8 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

