

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092418\
 Data File : BF109256.D
 Acq On : 24 Sep 2018 10:20
 Operator : JU/SJ
 Sample : J4993-06
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NS-OILY-WATER

Quant Time: Sep 24 13:30:11 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

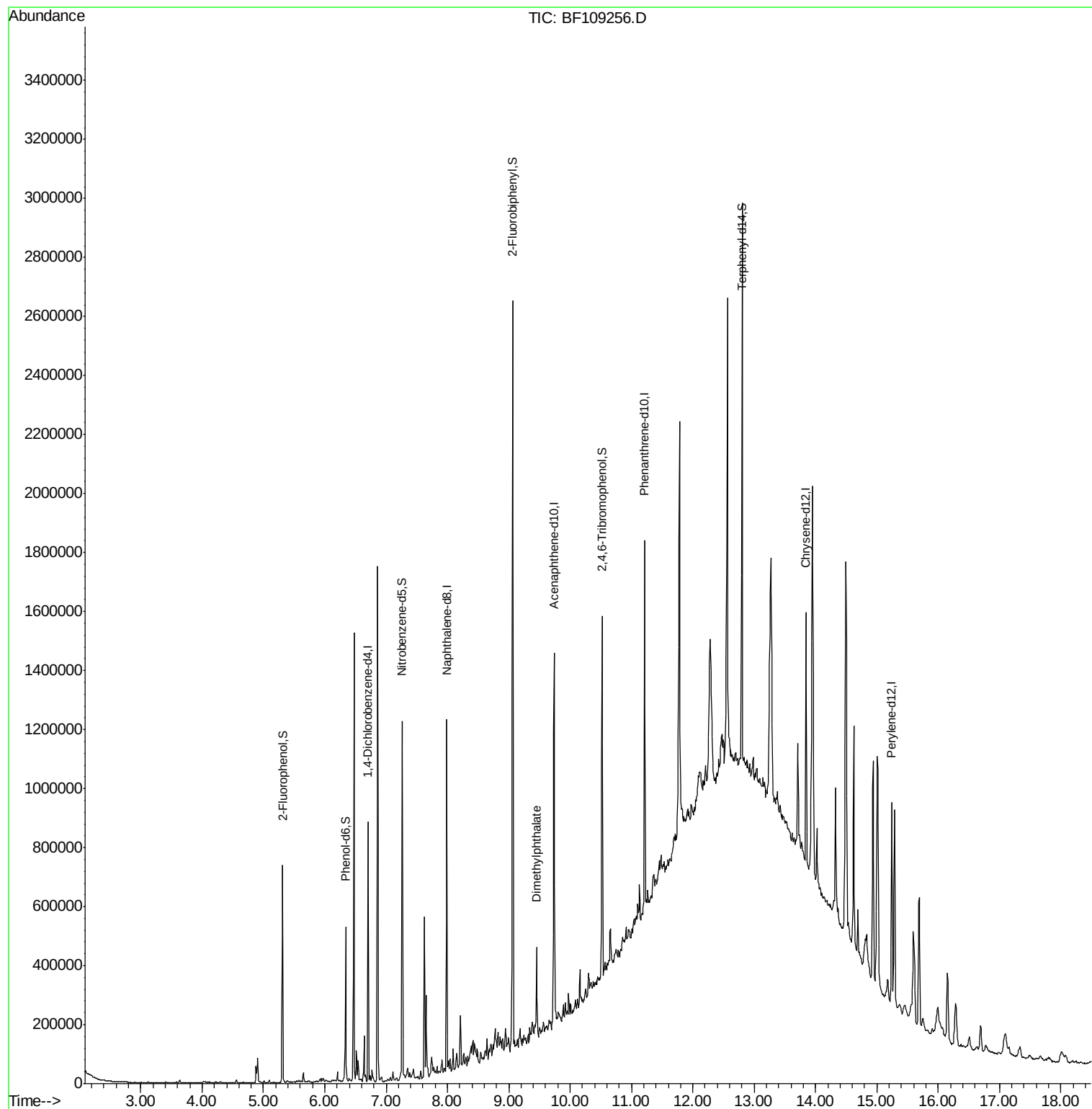
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	121852	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	474014	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	229740	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	426000	20.00	ng	0.00
75) Chrysene-d12	13.84	240	293756	20.00	ng	0.00
86) Perylene-d12	15.24	264	310560	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	192371	26.00	ng	0.00
7) Phenol-d6	6.34	99	155032	16.42	ng	-0.02
23) Nitrobenzene-d5	7.26	82	400412	49.87	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	147921	65.31	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	749221	49.18	ng	-0.01
78) Terphenyl-d14	12.80	244	683036	57.06	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.46	163	91894	5.499	ng	Qvalue 99

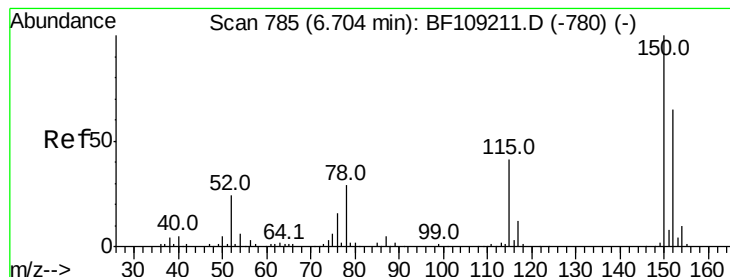
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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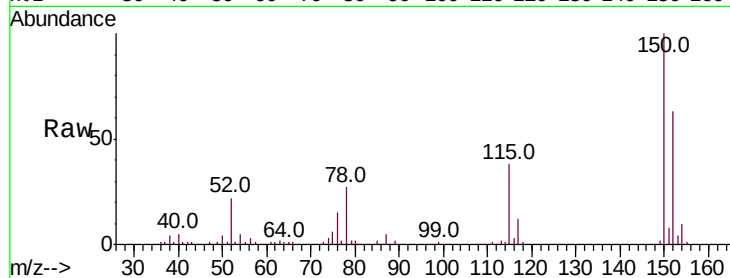


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109256.D
Acq: 24 Sep 2018 10:20

Instrument :
BNA_F
ClientSampleId :
NS-OILY-WATER

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.5	124.6	186.8
115	60.9	50.1	75.1

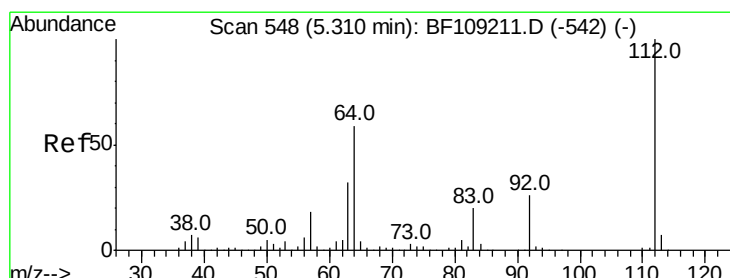
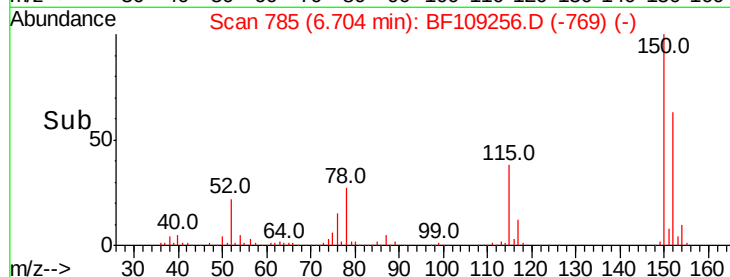
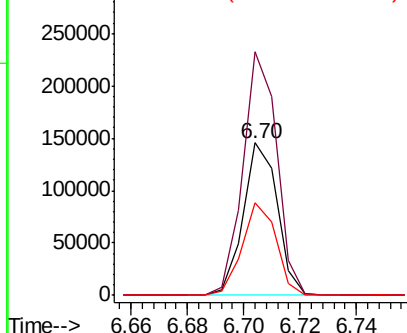


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

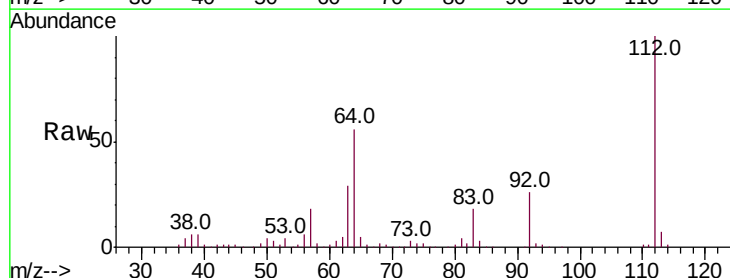
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 26.003 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF109256.D
Acq: 24 Sep 2018 10:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.7	47.9	71.9
63	29.0	23.7	35.5

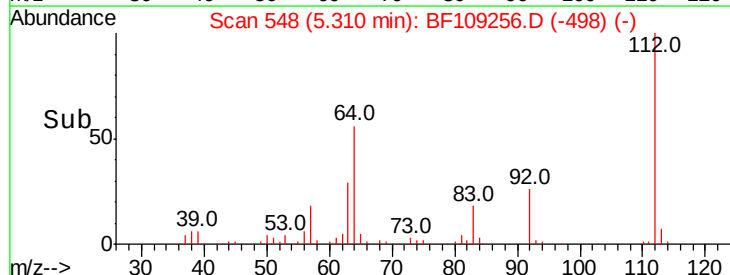
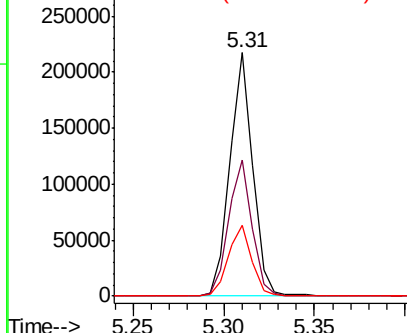


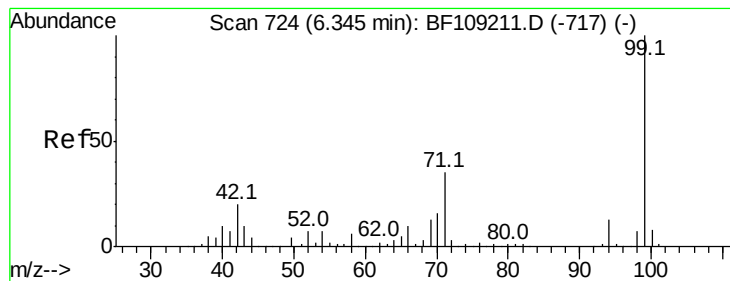
Abundance

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: 16.423 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109256.D

Acq: 24 Sep 2018 10:20

Instrument :

BNA_F

ClientSampleId :

NS-OILY-WATER

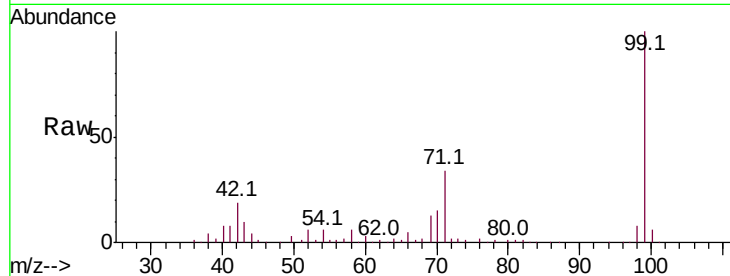
Tot Ion: 99 Resp: 155032

Ion Ratio Lower Upper

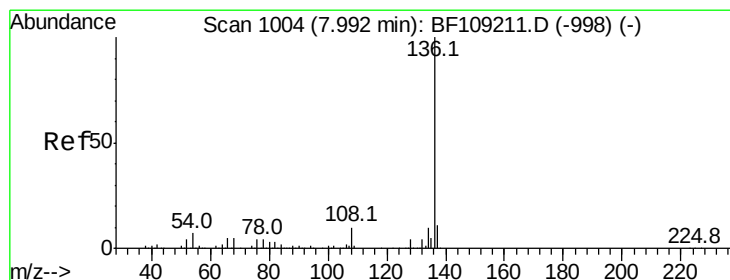
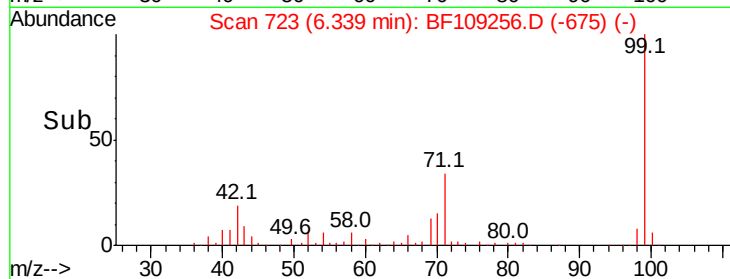
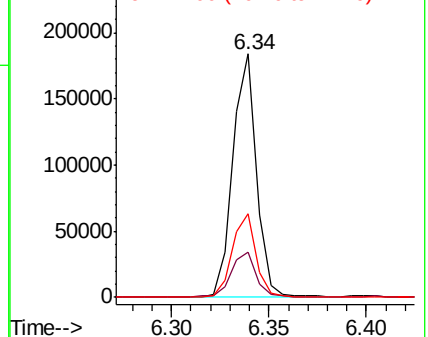
99 100

42 18.8 14.5 21.7

71 34.3 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: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF109256.D

Acq: 24 Sep 2018 10:20

Tgt Ion: 136 Resp: 474014

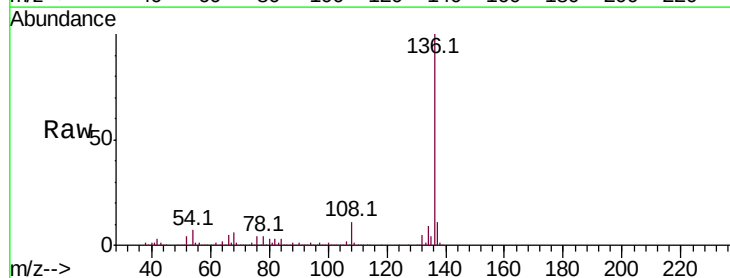
Ion Ratio Lower Upper

136 100

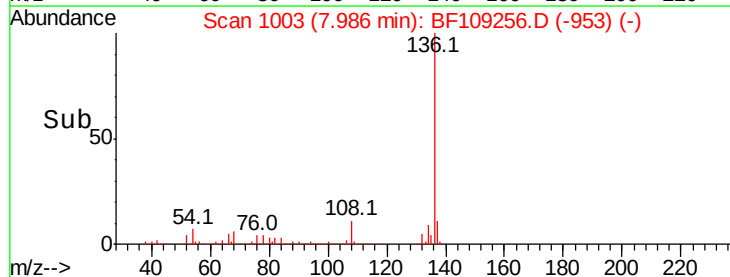
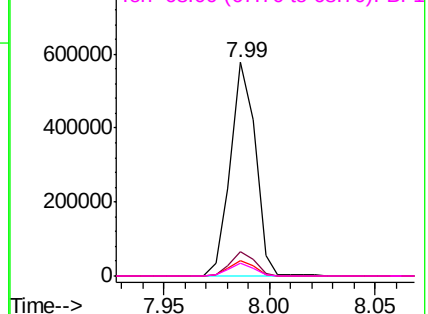
137 11.3 8.9 13.3

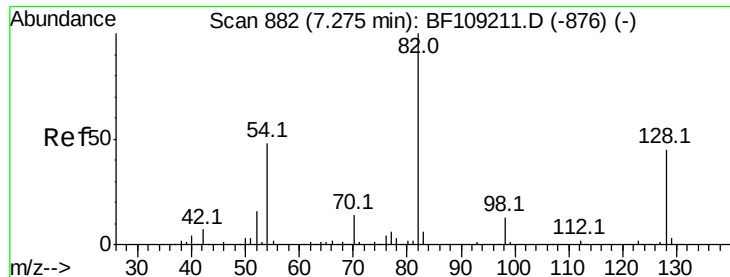
54 7.3 6.6 9.8

68 6.0 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

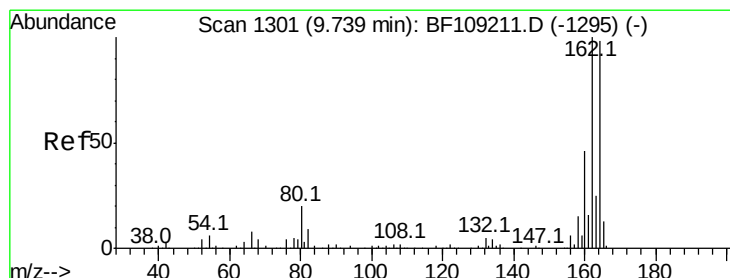
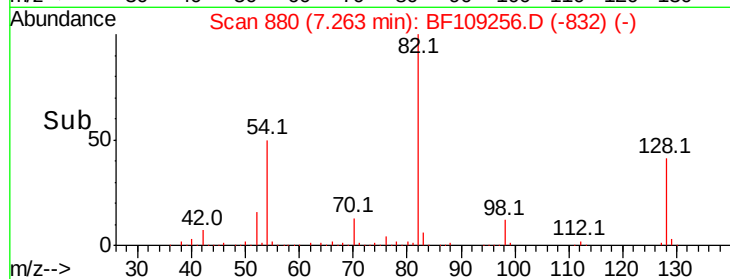
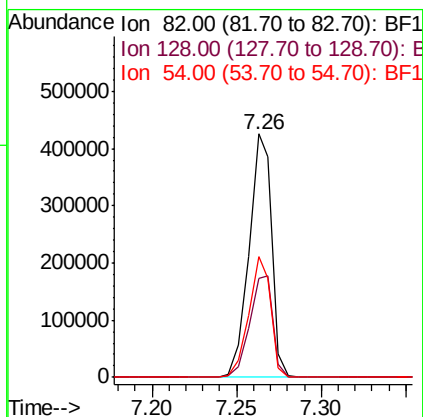
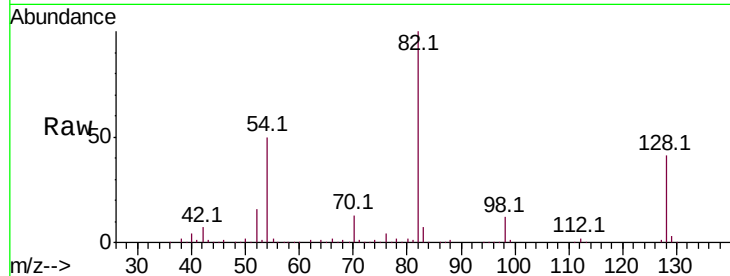




#23
 Nitrobenzene-d5
 Concen: 49.865 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.02 min
 Lab File: BF109256.D
 Acq: 24 Sep 2018 10:20

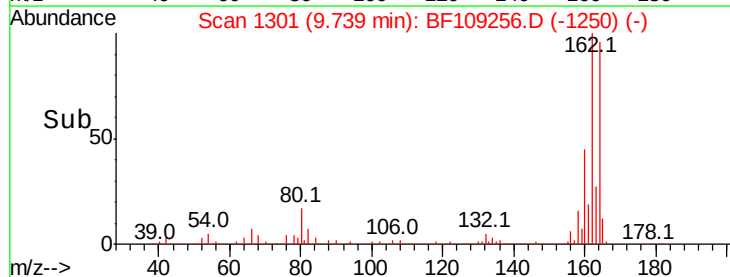
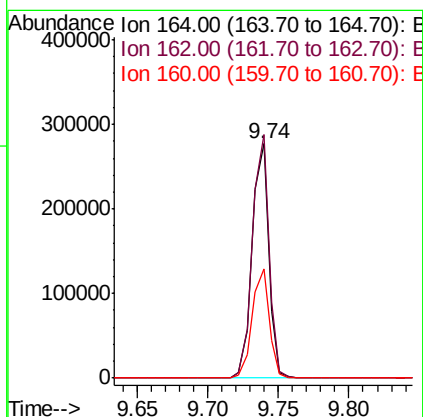
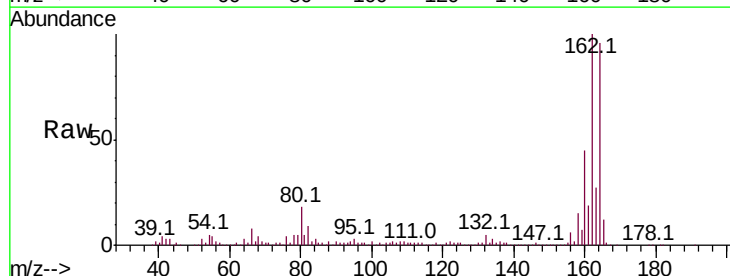
Instrument :
 BNA_F
 ClientSampleId :
 NS-OILY-WATER

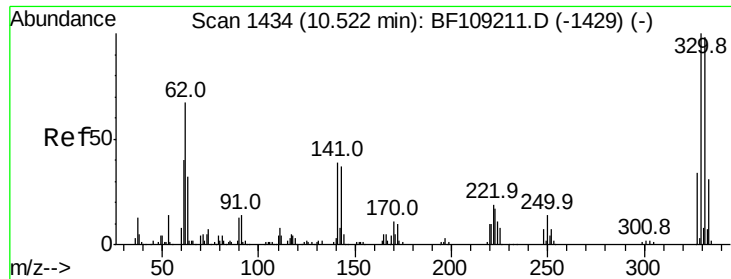
Tot Ion: 82 Resp: 400412
 Ion Ratio Lower Upper
 82 100
 128 40.6 36.1 54.1
 54 49.5 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: BF109256.D
 Acq: 24 Sep 2018 10:20

Tgt Ion: 164 Resp: 229740
 Ion Ratio Lower Upper
 164 100
 162 104.0 86.1 129.1
 160 46.7 38.3 57.5

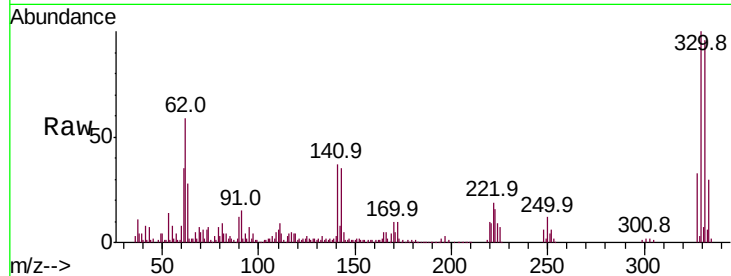




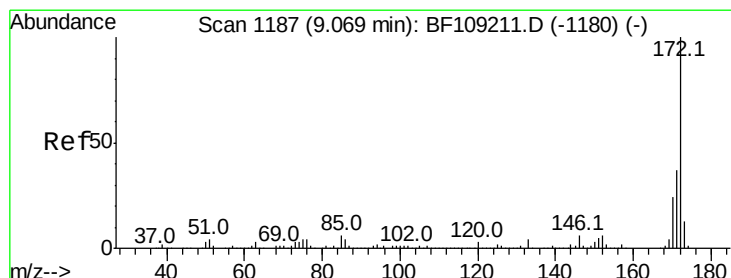
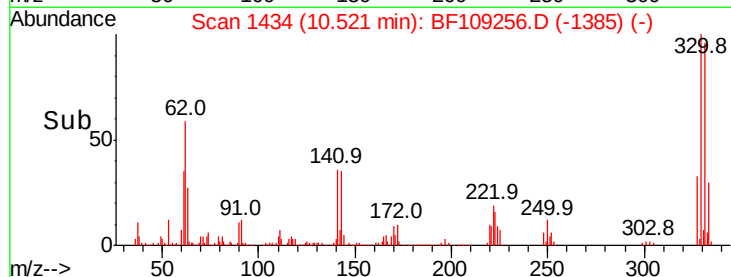
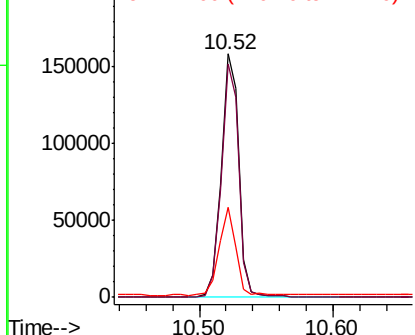
#41
 2,4,6-Tribromophenol
 Concen: 65.314 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109256.D
 Acq: 24 Sep 2018 10:20

Instrument :
 BNA_F
 ClientSampleId :
 NS-OILY-WATER

Tot Ion:330 Resp: 147921
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.0 115.6
 141 34.0 29.9 44.9

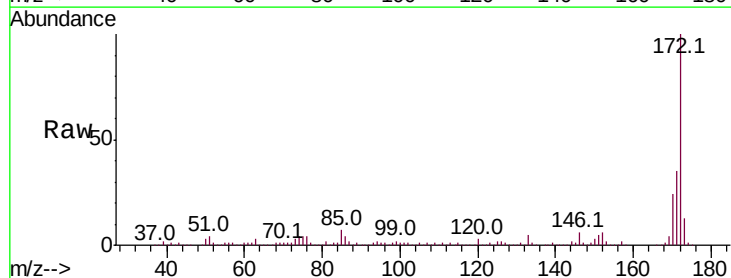


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

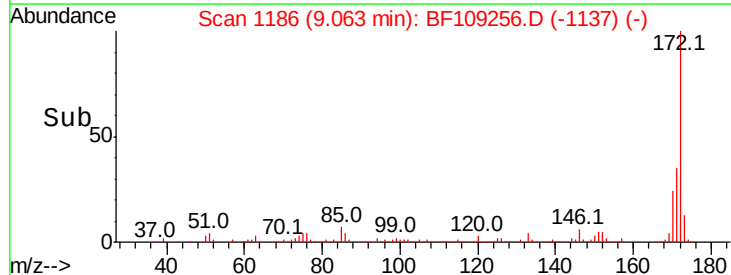
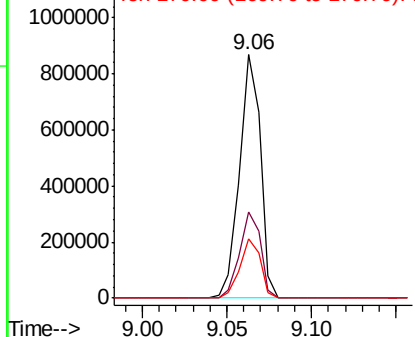


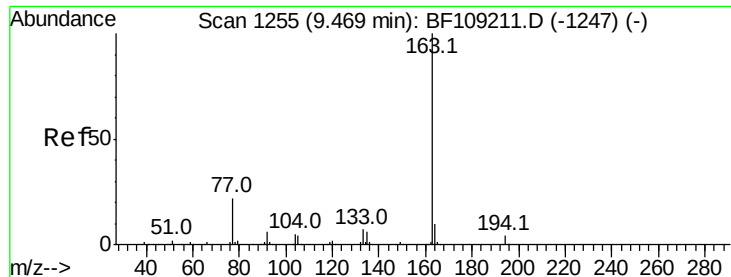
#44
 2-Fluorobiphenyl
 Concen: 49.185 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109256.D
 Acq: 24 Sep 2018 10:20

Tgt Ion:172 Resp: 749221
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.7 44.5
 170 24.1 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

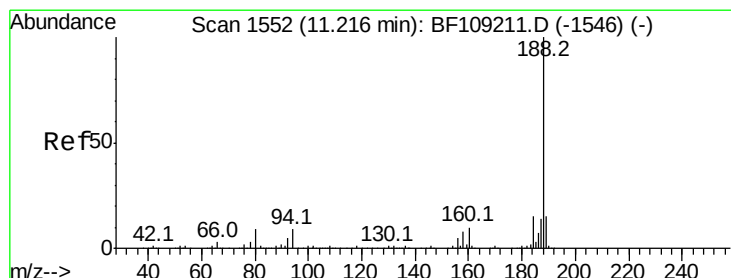
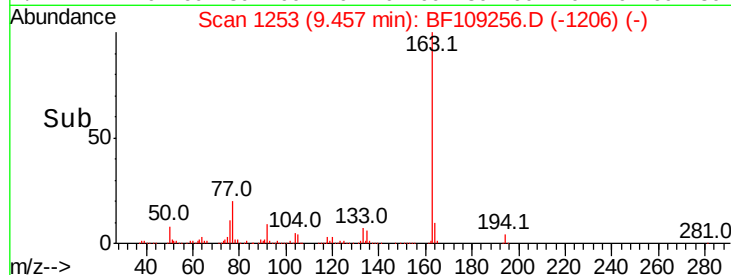
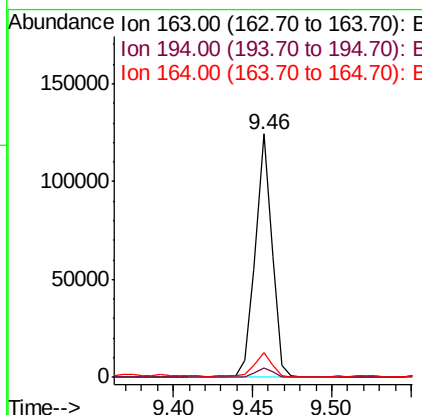
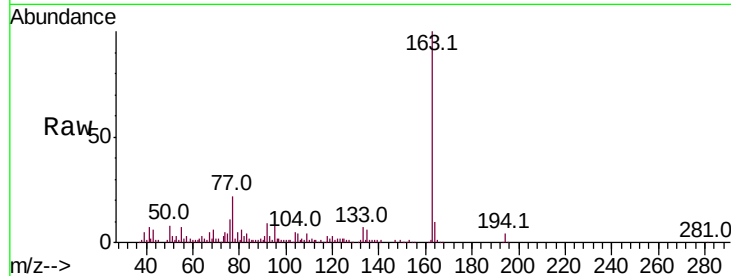




#49
Dimethylphthalate
Concen: 5.499 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109256.D
Acq: 24 Sep 2018 10:20

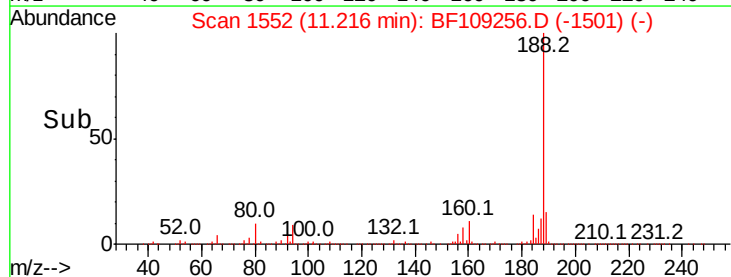
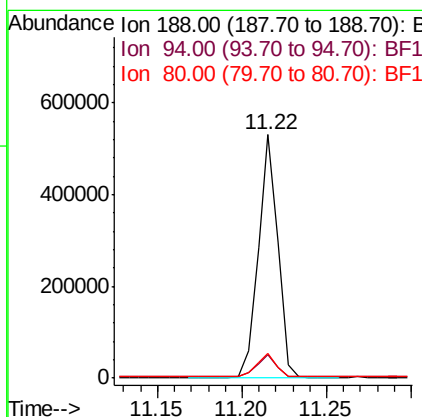
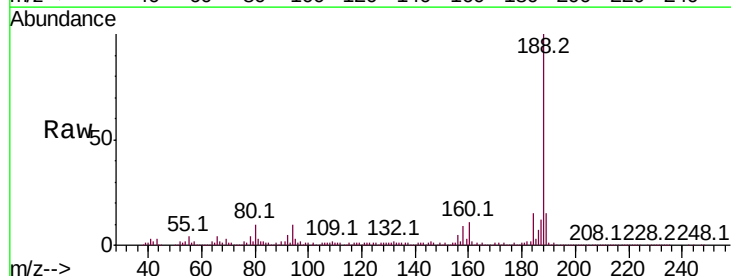
Instrument :
BNA_F
ClientSampleId :
NS-OILY-WATER

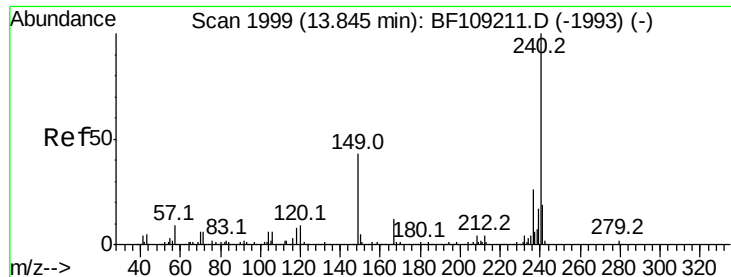
Tot Ion:163 Resp: 91894
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.4 8.2 12.2



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.00 min
Lab File: BF109256.D
Acq: 24 Sep 2018 10:20

Tgt Ion:188 Resp: 426000
Ion Ratio Lower Upper
188 100
94 9.7 8.5 12.7
80 10.2 9.2 13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1999

Delta R.T. -0.00 min

Lab File: BF109256.D

Acq: 24 Sep 2018 10:20

Instrument :

BNA_F

ClientSampleId :

NS-OILY-WATER

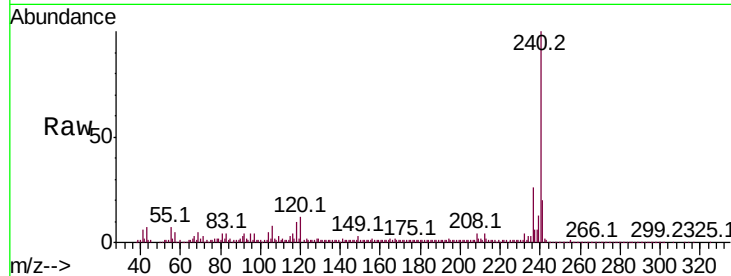
Tot Ion:240 Resp: 293756

Ion Ratio Lower Upper

240 100

120 11.8 9.5 14.3

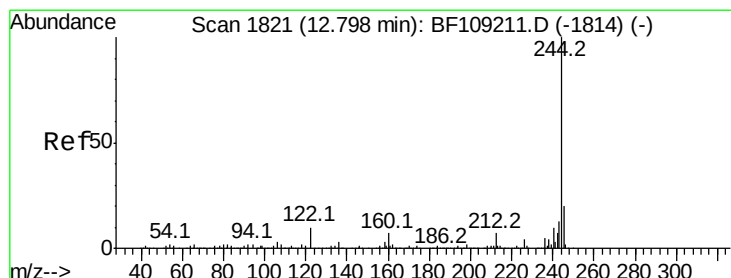
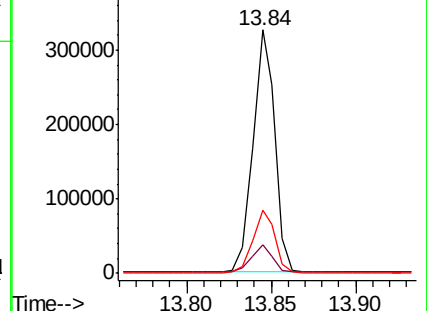
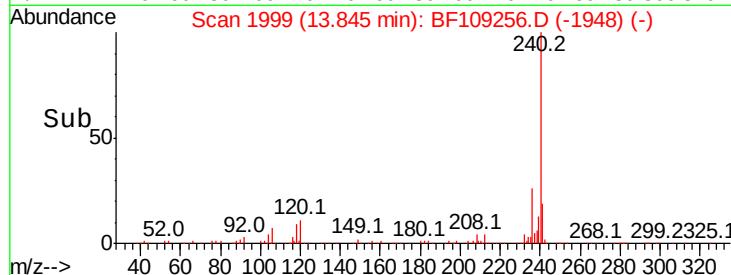
236 26.0 20.7 31.1



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: 57.064 ng

RT: 12.80 min Scan# 1822

Delta R.T. -0.00 min

Lab File: BF109256.D

Acq: 24 Sep 2018 10:20

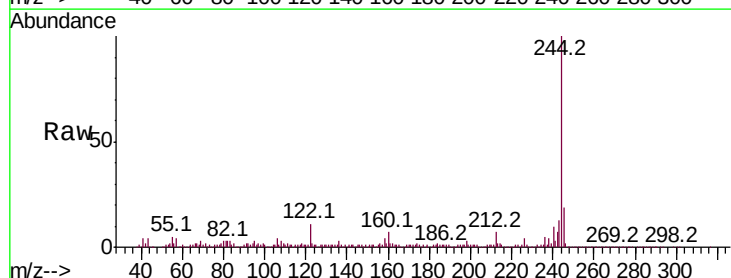
Tgt Ion:244 Resp: 683036

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

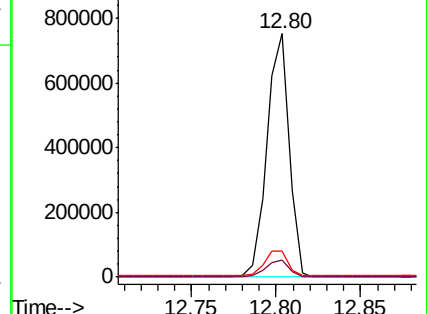
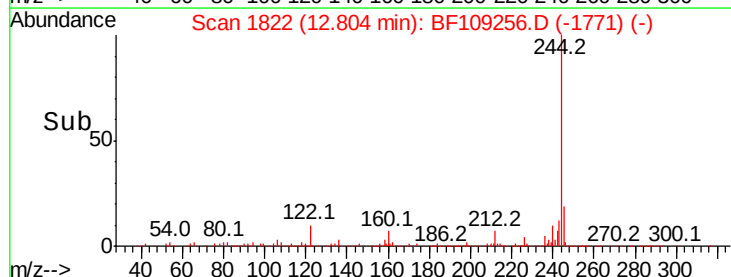
122 10.7 11.0 16.4#

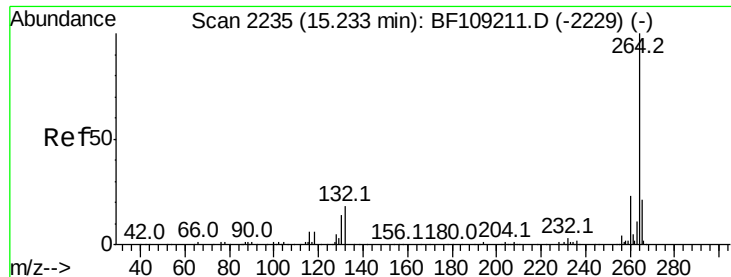


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.01 min
Lab File: BF109256.D
Acq: 24 Sep 2018 10:20

Instrument :
BNA_F
ClientSampleId :
NS-OILY-WATER

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.3	17.5	26.3

