

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112717\
 Data File : BF100904.D
 Acq On : 27 Nov 2017 20:41
 Operator : SJ/JU
 Sample : I6583-01 50X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OILY-WATER-1

Quant Time: Nov 28 07:11:24 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 27 14:11:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	57298	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	214246	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	83476	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	152139	20.00	ng	0.00
75) Chrysene-d12	14.02	240	128894	20.00	ng	0.00
86) Perylene-d12	15.49	264	118799	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	3599	1.01	ng	0.00
7) Phenol-d6	6.49	99	2558	0.58	ng	0.00
23) Nitrobenzene-d5	7.42	82	7248	2.24	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	1844	2.17	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	17785	3.24	ng	-0.01
78) Terphenyl-d14	12.96	244	5408	0.96	ng	0.00

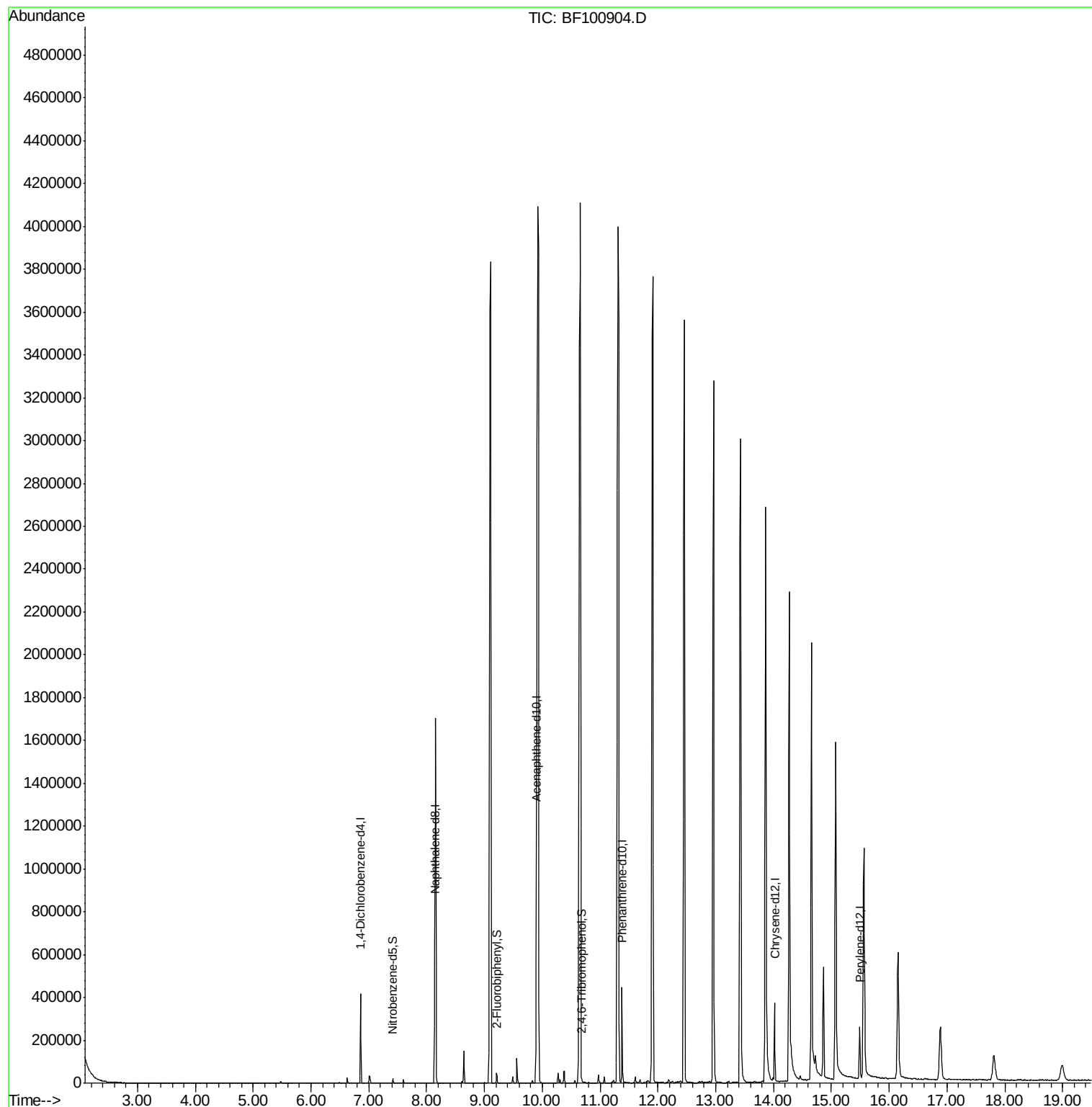
Target Compounds Qvalue

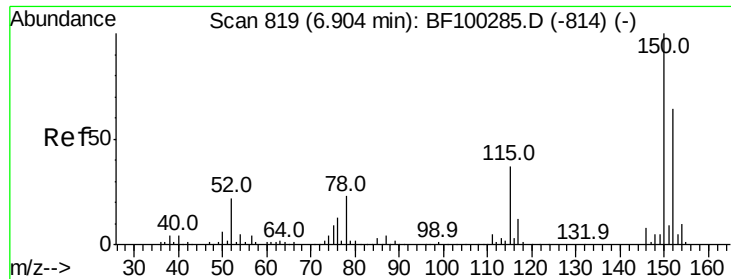
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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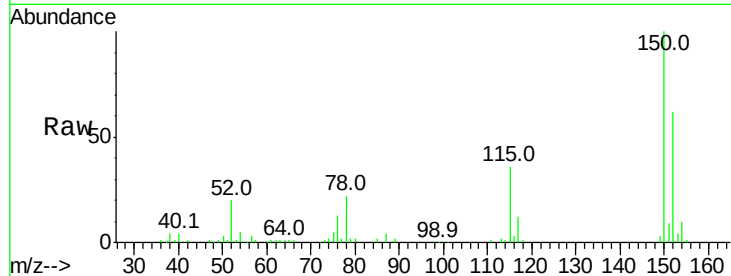


#1

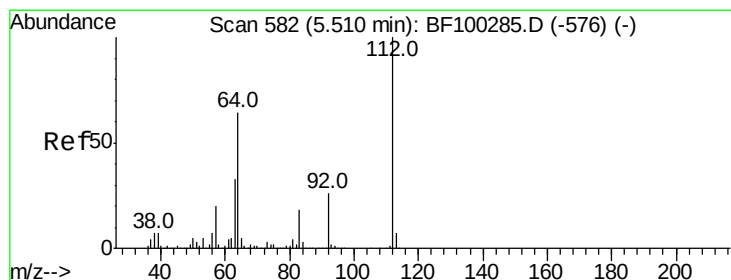
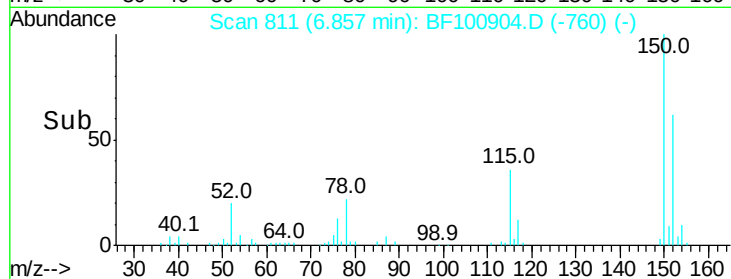
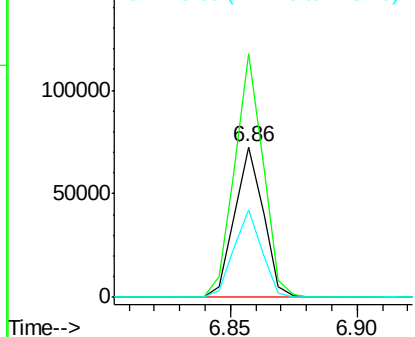
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF100904.D
Acq: 27 Nov 2017 20:41

Instrument :
BNA_F
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OILY-WATER-1

Tot Ion:152 Resp: 57298
Ion Ratio Lower Upper
152 100
150 161.8 124.6 186.8
115 58.2 50.1 75.1



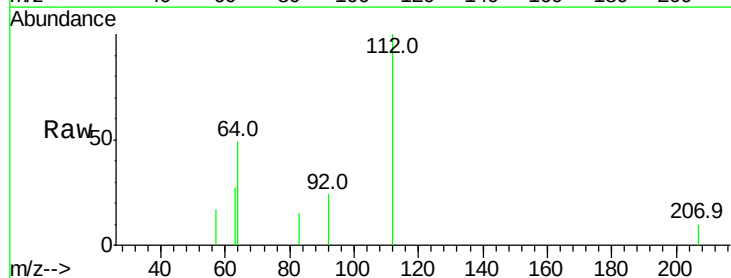
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



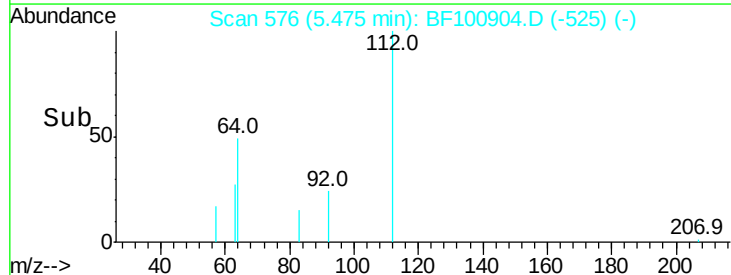
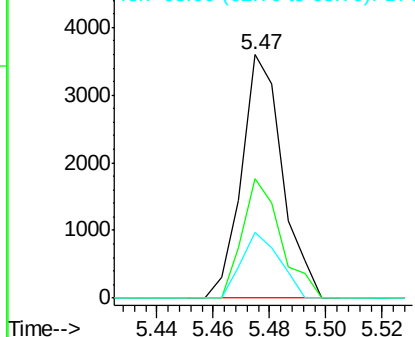
#5

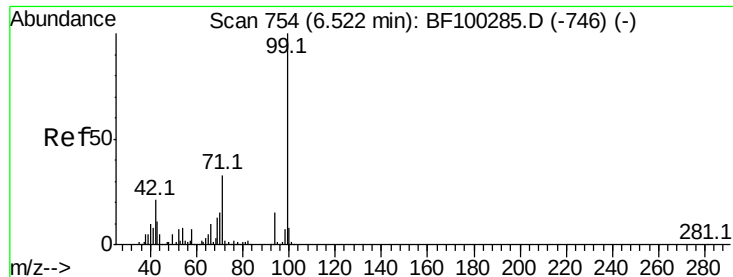
2-Fluorophenol
Concen: 1.007 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.00 min
Lab File: BF100904.D
Acq: 27 Nov 2017 20:41

Tgt Ion:112 Resp: 3599
Ion Ratio Lower Upper
112 100
64 48.9 47.9 71.9
63 26.9 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: 0.580 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF100904.D

Acq: 27 Nov 2017 20:41

Instrument :

BNA_F

ClientSampleId :

OILY-WATER-1

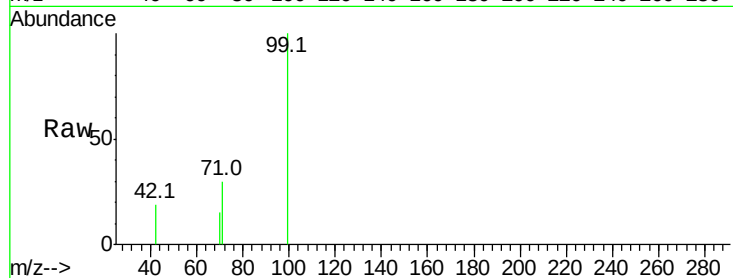
Tot Ion: 99 Resp: 2558

Ion Ratio Lower Upper

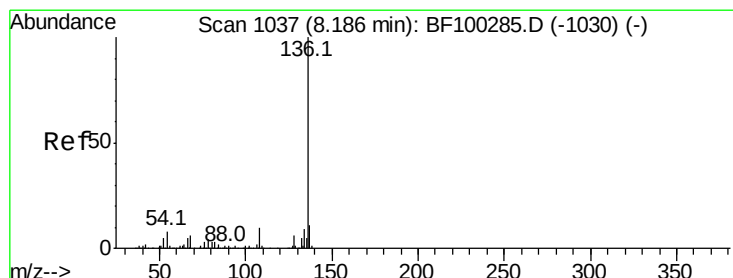
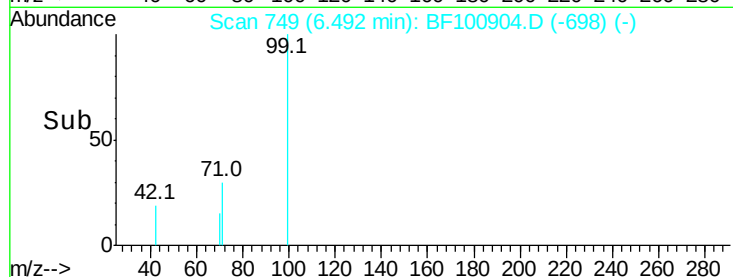
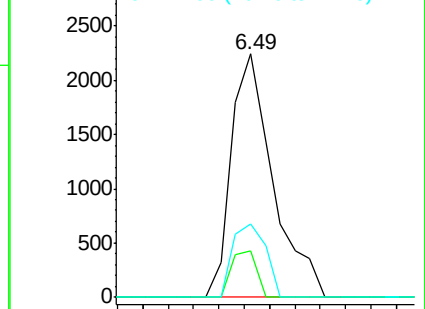
99 100

42 18.9 14.5 21.7

71 30.4 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: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF100904.D

Acq: 27 Nov 2017 20:41

Tgt Ion: 136 Resp: 214246

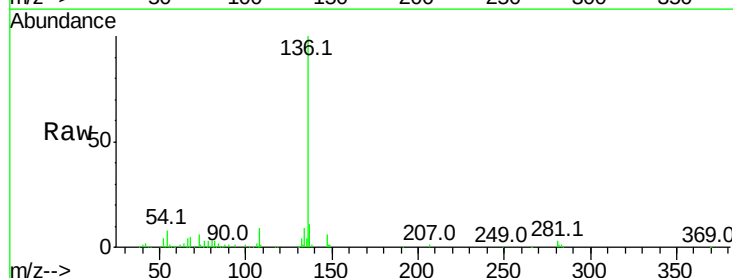
Ion Ratio Lower Upper

136 100

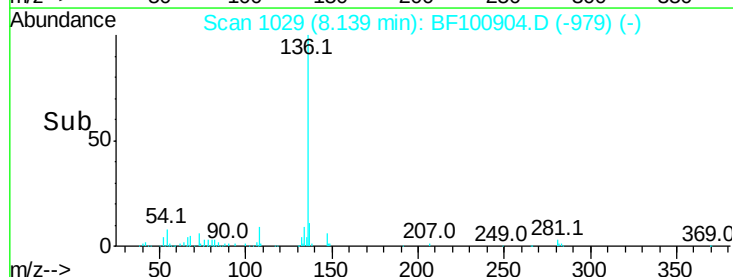
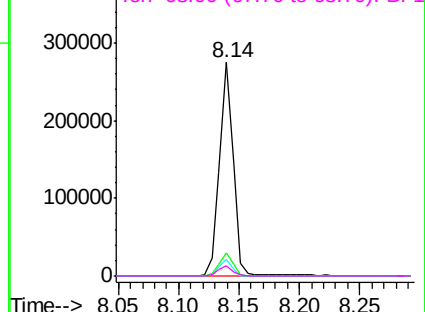
137 11.0 8.9 13.3

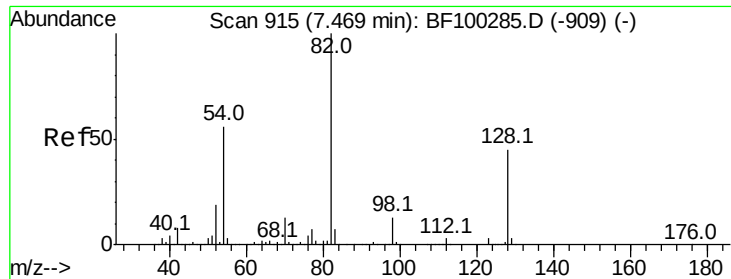
54 7.7 6.6 9.8

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

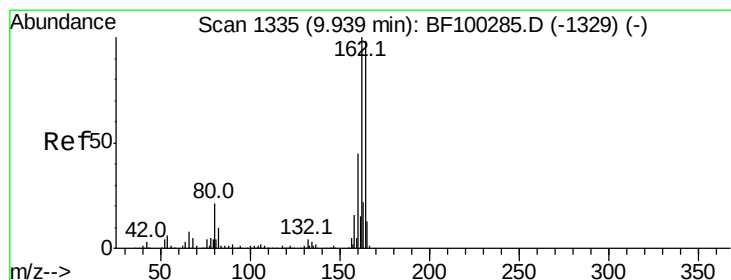
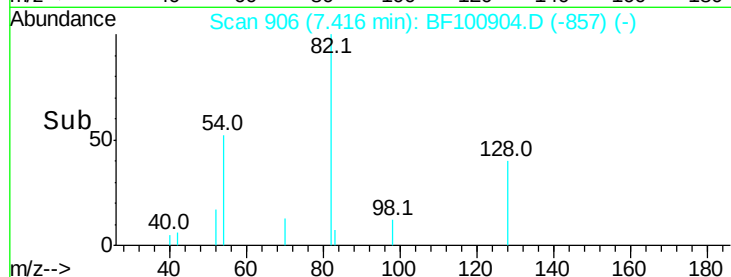
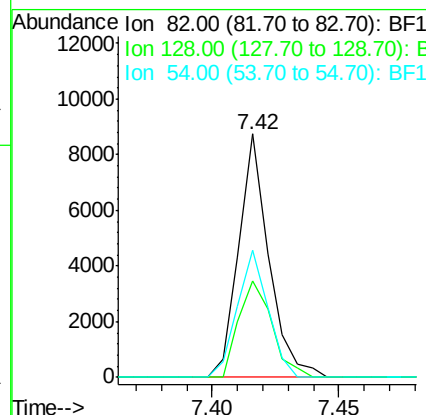
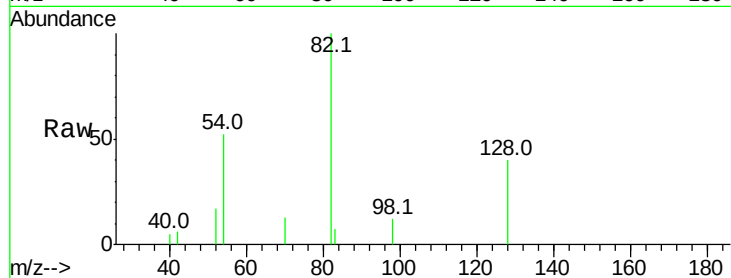




#23
 Nitrobenzene-d5
 Concen: 2.237 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF100904.D
 Acq: 27 Nov 2017 20:41

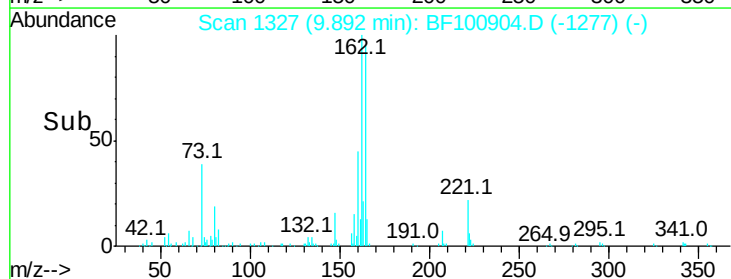
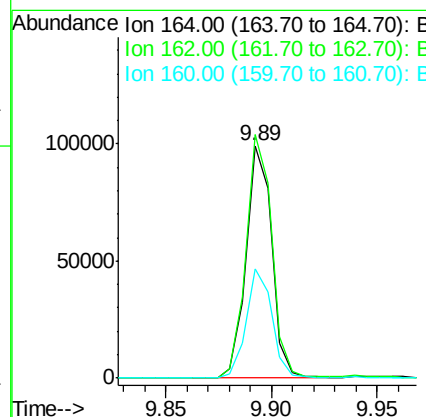
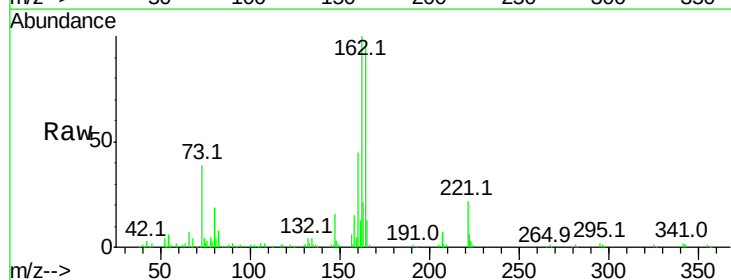
Instrument :
 BNA_F
 ClientSampleId :
 OILY-WATER-1

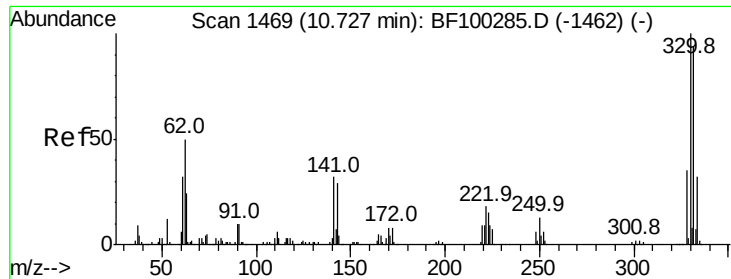
Tot Ion: 82 Resp: 7248
 Ion Ratio Lower Upper
 82 100
 128 39.6 36.1 54.1
 54 52.1 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: BF100904.D
 Acq: 27 Nov 2017 20:41

Tgt Ion: 164 Resp: 83476
 Ion Ratio Lower Upper
 164 100
 162 104.8 86.1 129.1
 160 46.9 38.3 57.5

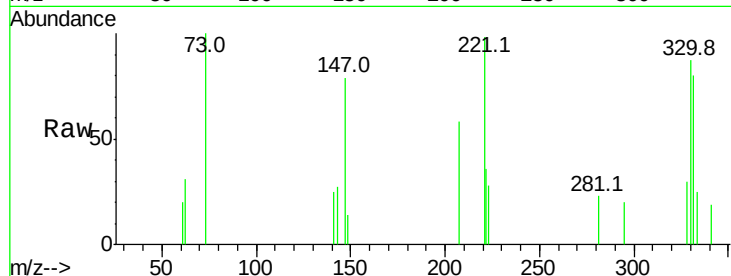




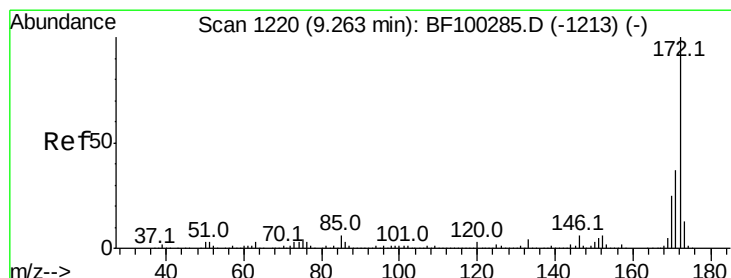
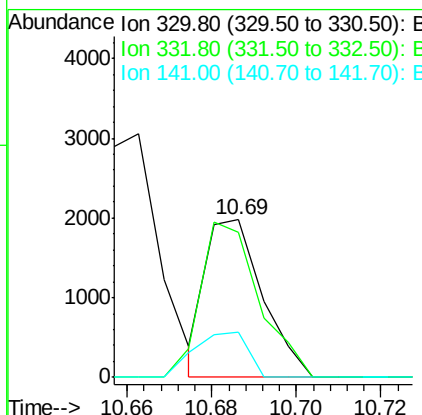
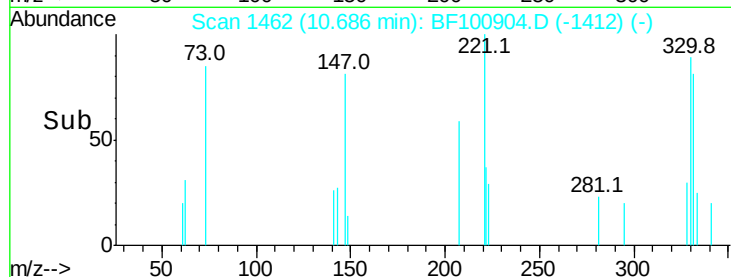
#41
 2,4,6-Tribromophenol
 Concen: 2.168 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BF100904.D
 Acq: 27 Nov 2017 20:41

Instrument :
 BNA_F
 ClientSampleId :
 OILY-WATER-1

Tot Ion:330 Resp: 1844
 Ion Ratio Lower Upper
 330 100
 332 101.5 77.0 115.6
 141 27.4 29.9 44.9#

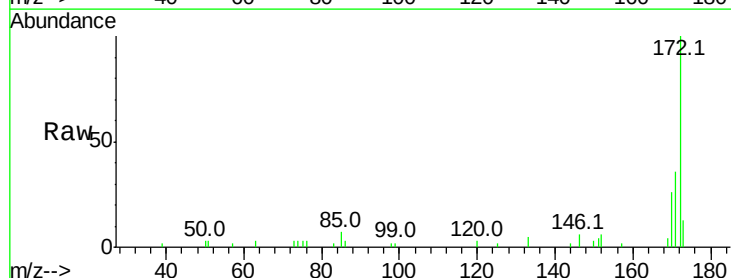


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

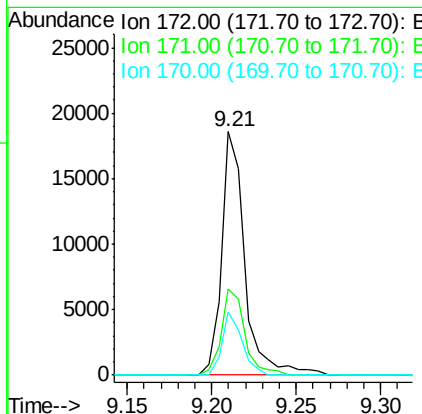
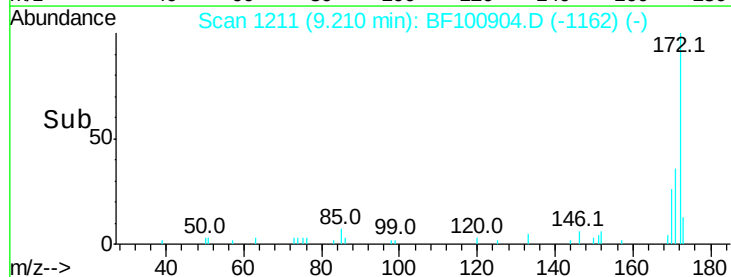


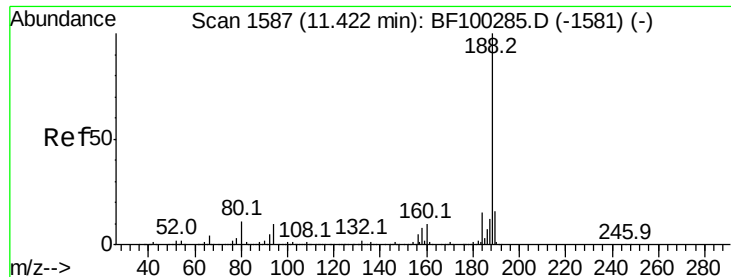
#44
 2-Fluorobiphenyl
 Concen: 3.244 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF100904.D
 Acq: 27 Nov 2017 20:41

Tgt Ion:172 Resp: 17785
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.7 44.5
 170 25.9 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

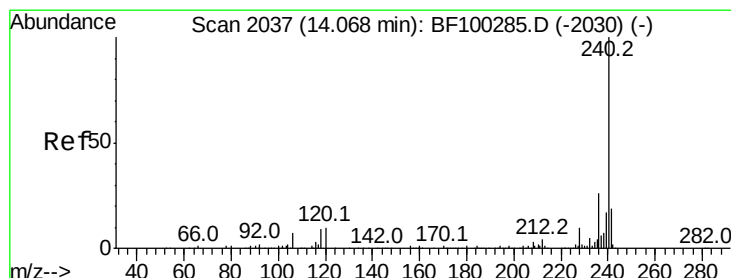
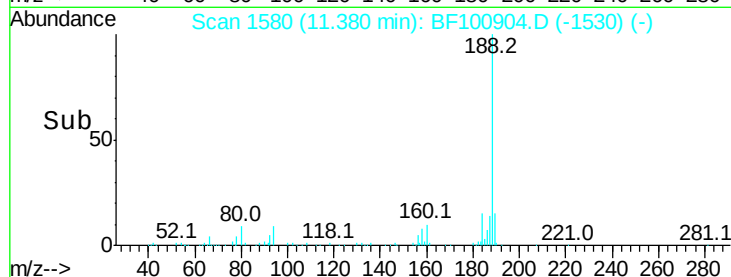
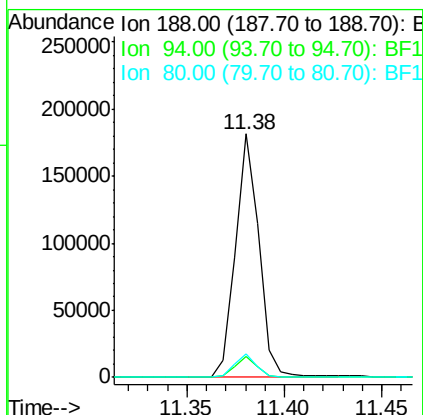
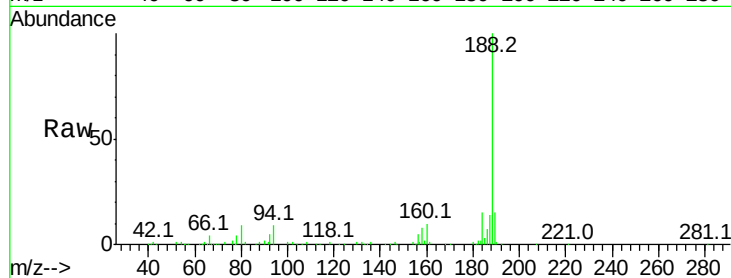




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF100904.D
Acq: 27 Nov 2017 20:41

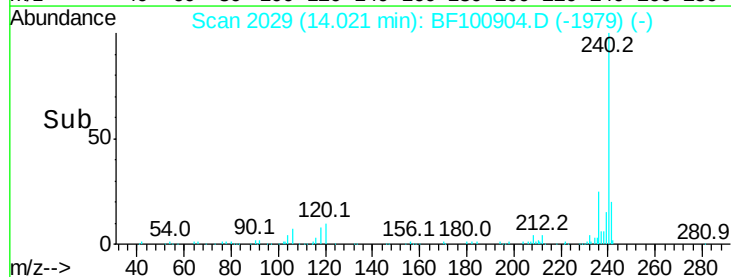
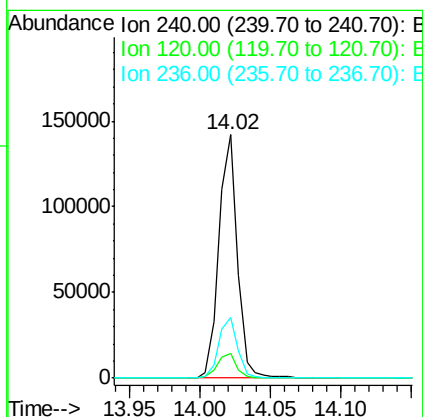
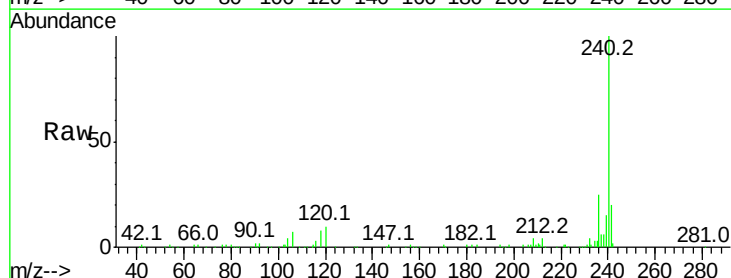
Instrument :
BNA_F
ClientSampleId :
OILY-WATER-1

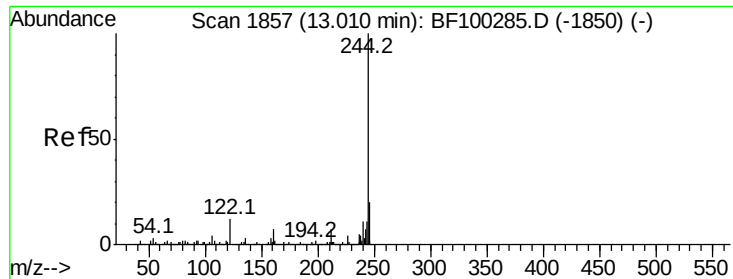
Tot Ion	188	Ratio	100	Resp	152139
Ion	188	Ratio	100	Lower	Upper
	94	8.7		8.5	12.7
	80	9.4		9.2	13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF100904.D
Acq: 27 Nov 2017 20:41

Tgt Ion	240	Ratio	100	Resp	128894
Ion	240	Ratio	100	Lower	Upper
	120	9.9		9.5	14.3
	236	24.8		20.7	31.1





#78

Terphenyl-d14

Concen: 0.964 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BF100904.D

Acq: 27 Nov 2017 20:41

Instrument :

BNA_F

ClientSampleId :

OILY-WATER-1

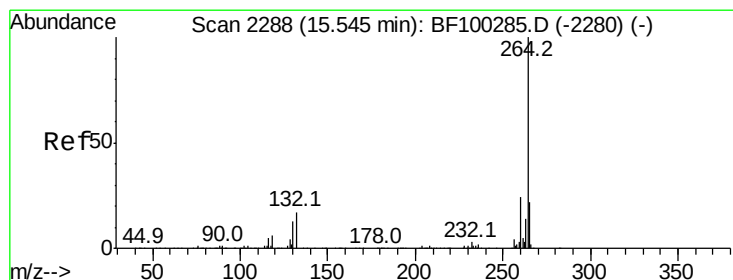
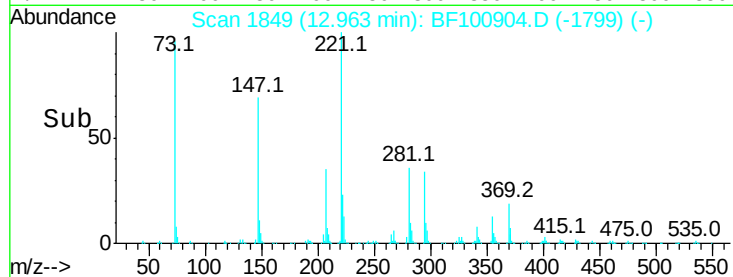
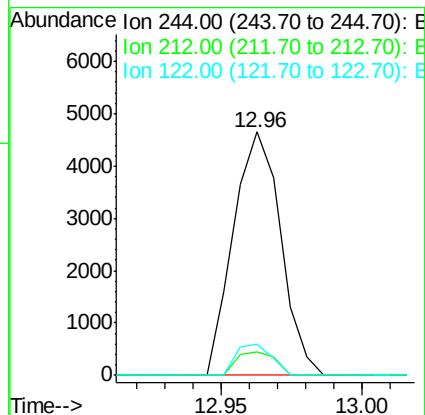
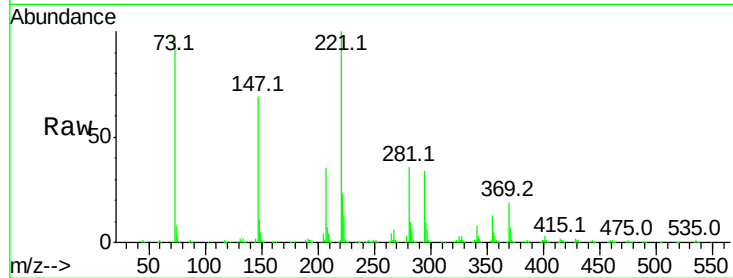
Tot Ion:244 Resp: 5408

Ion Ratio Lower Upper

244 100

212 9.8 5.4 8.0#

122 12.6 11.0 16.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BF100904.D

Acq: 27 Nov 2017 20:41

Tgt Ion:264 Resp: 118799

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 20.1 17.5 26.3

