

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112718\
 Data File : BF111021.D
 Acq On : 27 Nov 2018 20:32
 Operator : JU/SJ
 Sample : J6064-03 20X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OILY-WATER

Quant Time: Nov 28 02:50:55 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 27 15:32:10 2018
 Response via : Initial Calibration

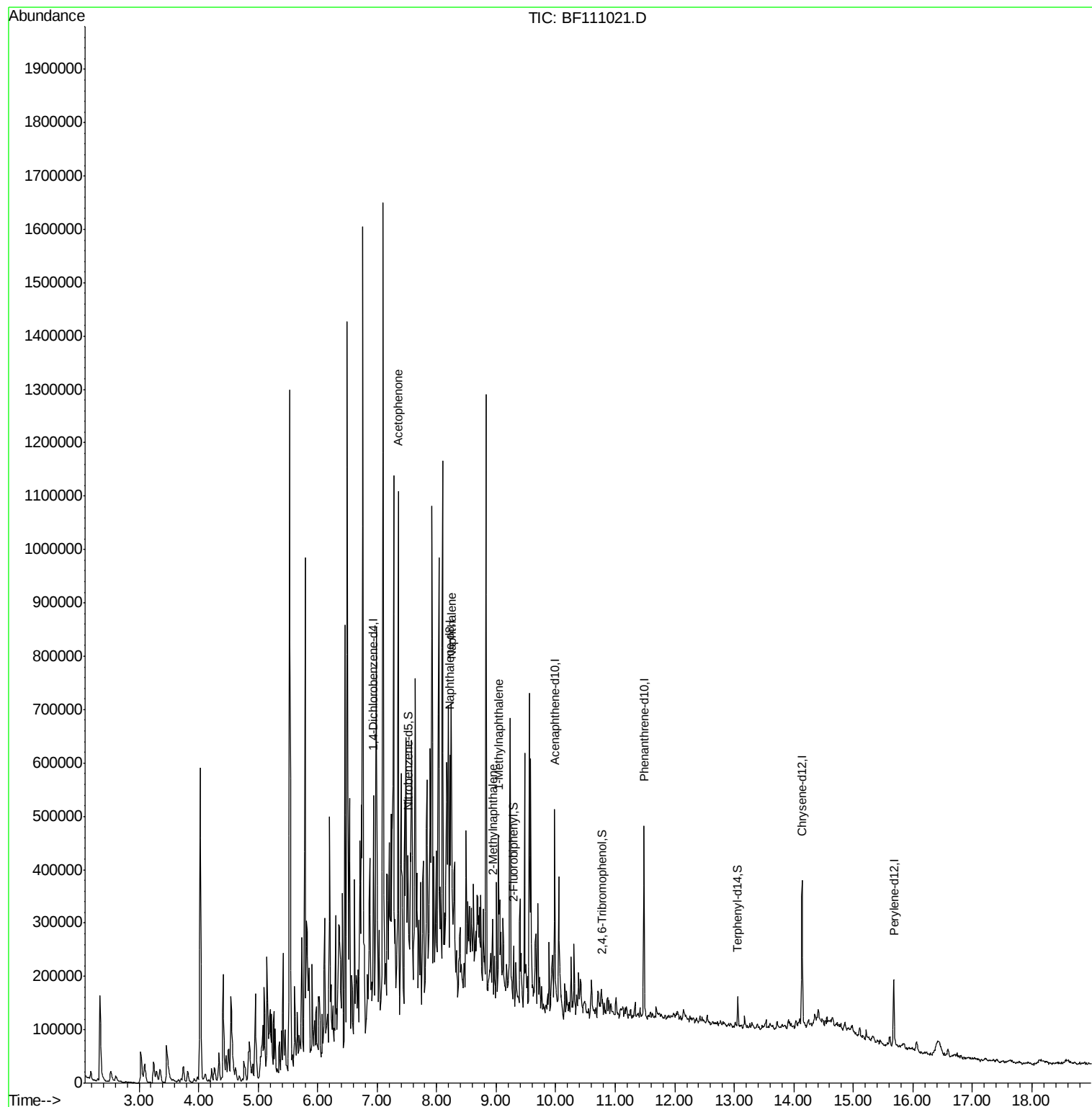
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	40696	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	151840	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	64858	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	120259	20.00	ng	0.00
76) Chrysene-d12	14.14	240	95600	20.00	ng	0.00
87) Perylene-d12	15.68	264	61717	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	4590	1.87	ng	-0.02
7) Phenol-d6	6.58	99	2948	0.92	ng	0.01
23) Nitrobenzene-d5	7.51	82	8940	3.37	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	3220	5.00	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	16130	3.60	ng	0.00
79) Terphenyl-d14	13.06	244	16019	3.26	ng	0.00
Target Compounds						
22) Acetophenone	7.35	105	238788	67.092	ng	Qvalue # 95
31) Naphthalene	8.25	128	167705	23.562	ng	100
37) 2-Methylnaphthalene	8.94	142	32870	6.992	ng	90
38) 1-Methylnaphthalene	9.03	142	14552	3.182	ng	# 97

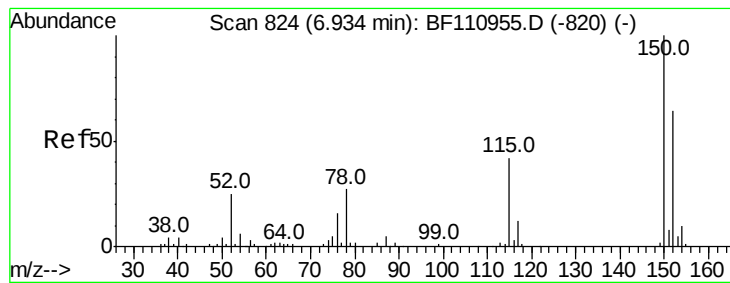
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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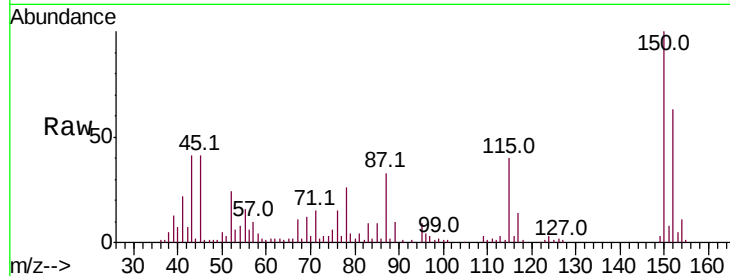


#1

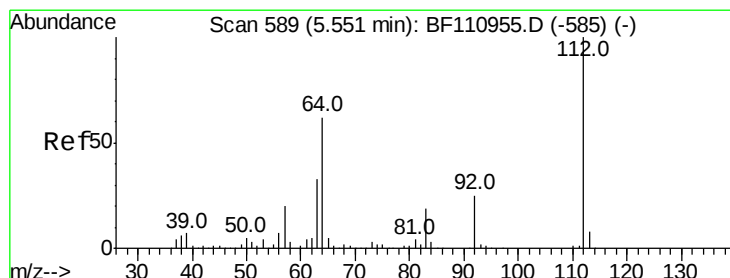
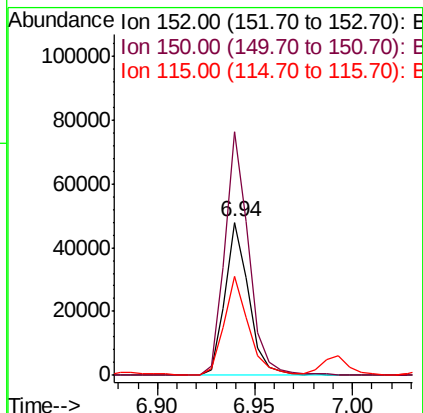
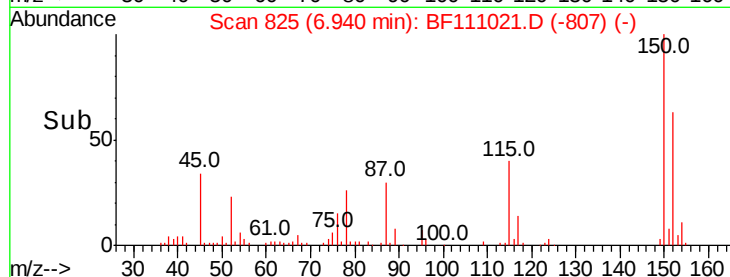
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. 0.01 min
Lab File: BF111021.D
Acq: 27 Nov 2018 20:32

Instrument :
BNA_F
ClientSampleId :
OILY-WATER

Tot Ion:152 Resp: 40696
Ion Ratio Lower Upper
152 100
150 159.2 122.7 184.1
115 64.4 49.1 73.7



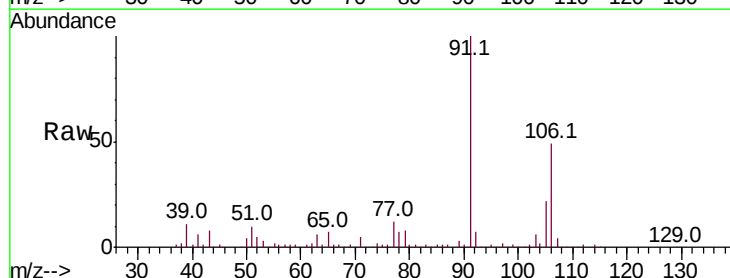
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



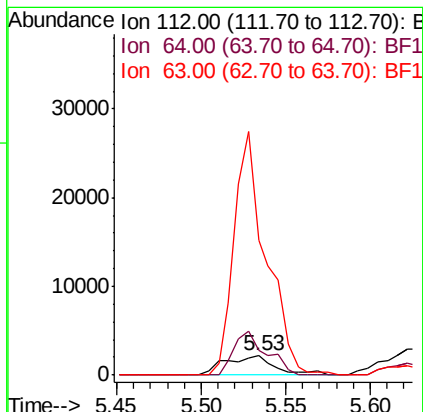
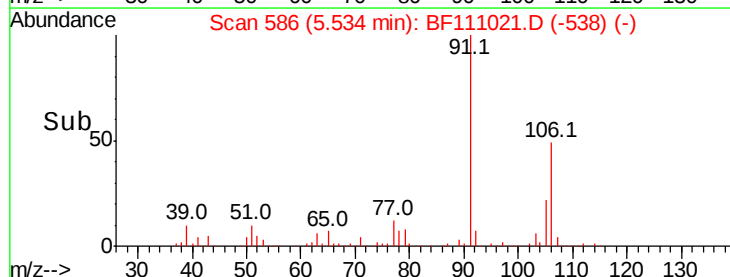
#5

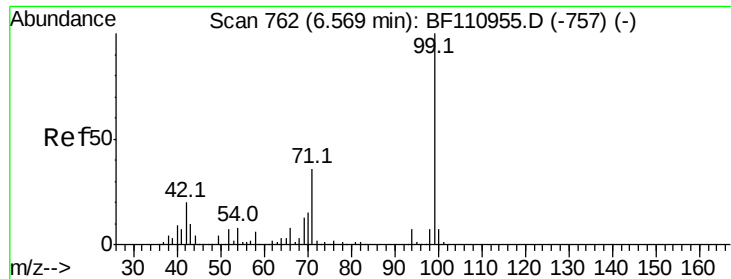
2-Fluorophenol
Concen: 1.870 ng
RT: 5.53 min Scan# 586
Delta R.T. -0.02 min
Lab File: BF111021.D
Acq: 27 Nov 2018 20:32

Tgt Ion:112 Resp: 4590
Ion Ratio Lower Upper
112 100
64 128.7 44.1 66.1#
63 700.7 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: 0.922 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.01 min

Lab File: BF111021.D

Acq: 27 Nov 2018 20:32

Instrument :

BNA_F

ClientSampleId :

OILY-WATER

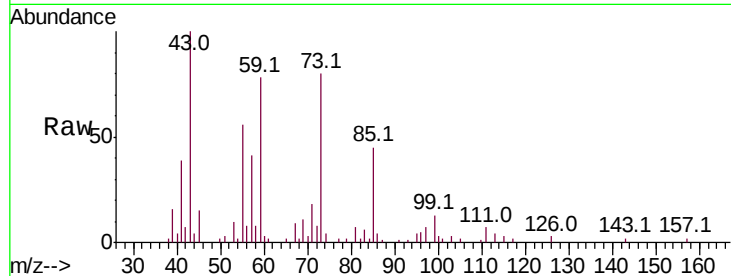
Tot Ion: 99 Resp: 2948

Ion Ratio Lower Upper

99 100

42 54.7 15.8 23.6#

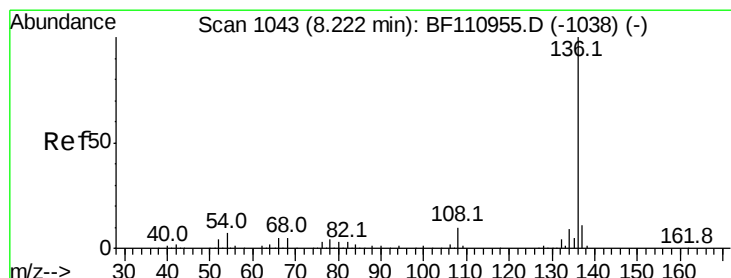
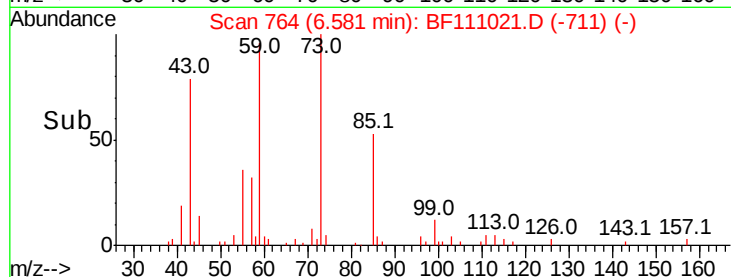
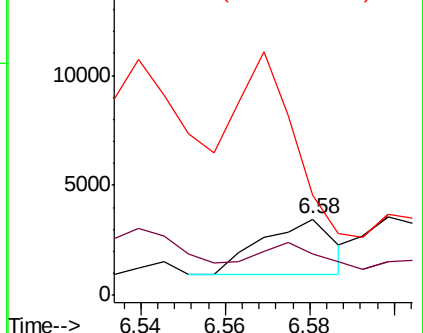
71 131.9 28.0 42.0#



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: 8.22 min Scan# 1043

Delta R.T. 0.00 min

Lab File: BF111021.D

Acq: 27 Nov 2018 20:32

Tgt Ion:136 Resp: 151840

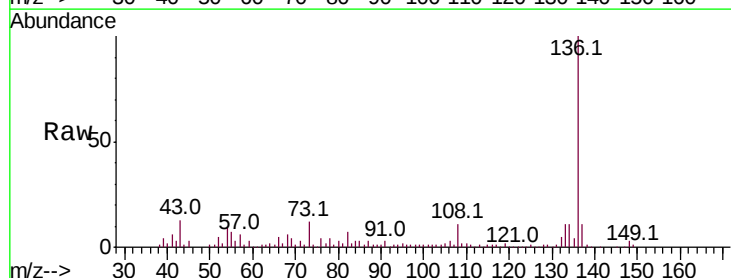
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 9.2 5.4 8.2#

68 5.5 4.2 6.2

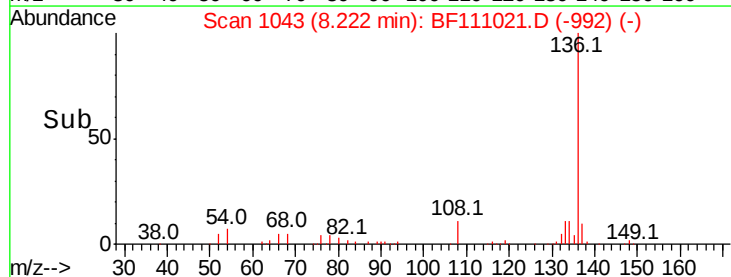
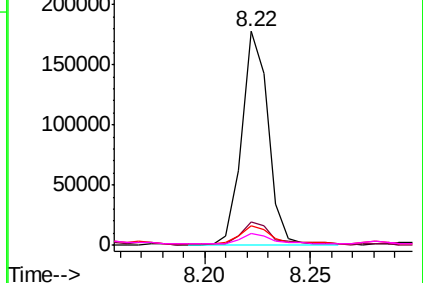


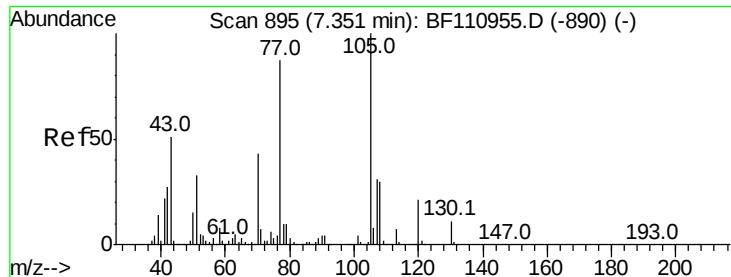
Abundance Ion 136.00 (135.70 to 136.70): E

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

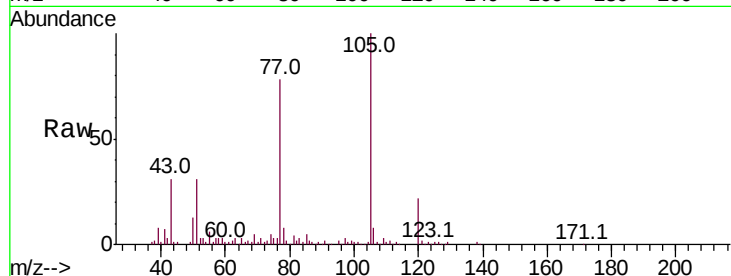




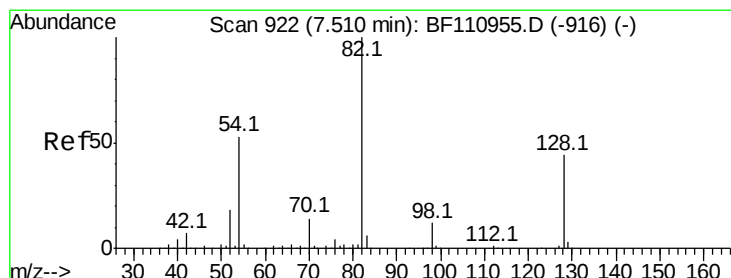
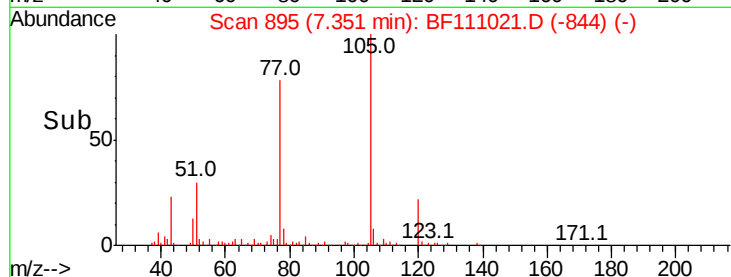
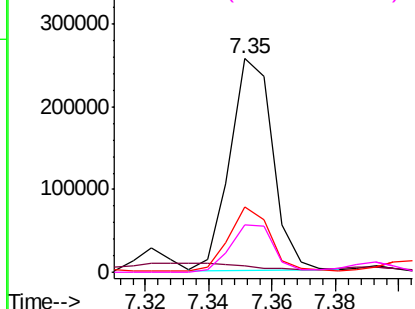
#22
Acetophenone
Concen: 67.092 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.00 min
Lab File: BF111021.D
Acq: 27 Nov 2018 20:32

Instrument :
BNA_F
ClientSampleId :
OILY-WATER

Tot Ion:105 Resp: 238788
Ion Ratio Lower Upper
105 100
71 3.0 5.2 7.8#
51 30.5 21.8 32.8
120 22.0 17.0 25.4

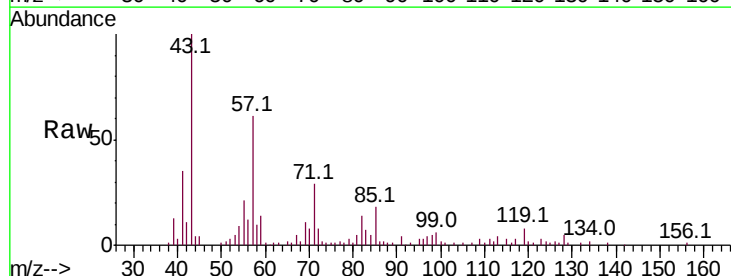


Abundance Ion 105.00 (104.70 to 105.70): E
400000
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

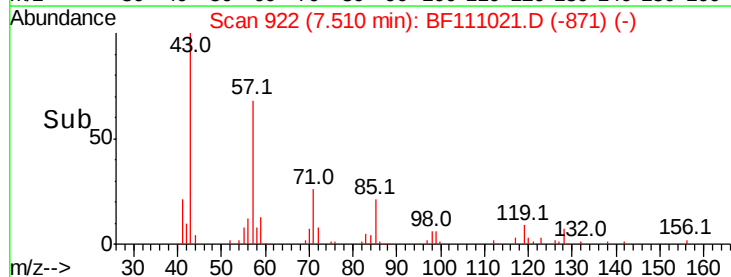
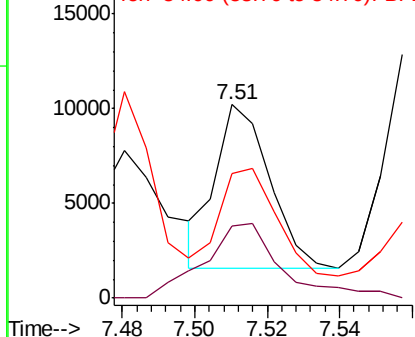


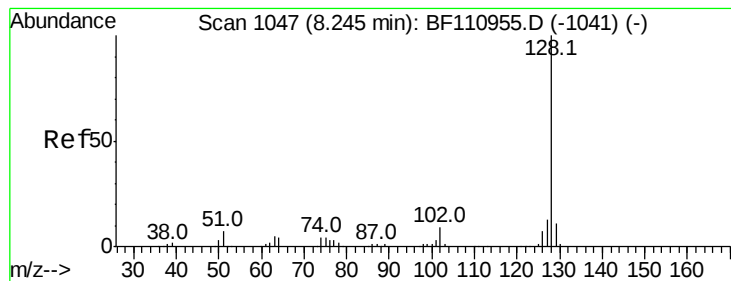
#23
Nitrobenzene-d5
Concen: 3.370 ng
RT: 7.51 min Scan# 922
Delta R.T. 0.00 min
Lab File: BF111021.D
Acq: 27 Nov 2018 20:32

Tgt Ion: 82 Resp: 8940
Ion Ratio Lower Upper
82 100
128 37.5 34.2 51.2
54 64.6 38.6 58.0#



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





#31

Naphthalene

Concen: 23.562 ng

RT: 8.25 min Scan# 1047

Delta R.T. 0.00 min

Lab File: BF111021.D

Acq: 27 Nov 2018 20:32

Instrument :

BNA_F

ClientSampleId :

OILY-WATER

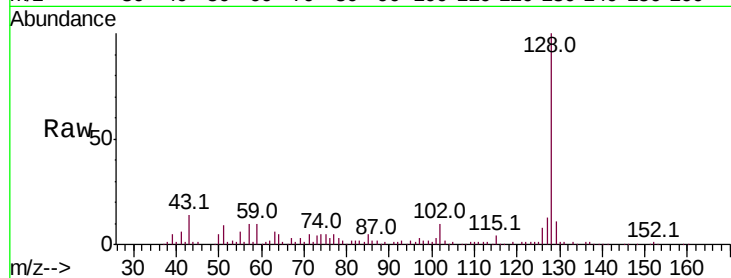
Tot Ion:128 Resp: 167705

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

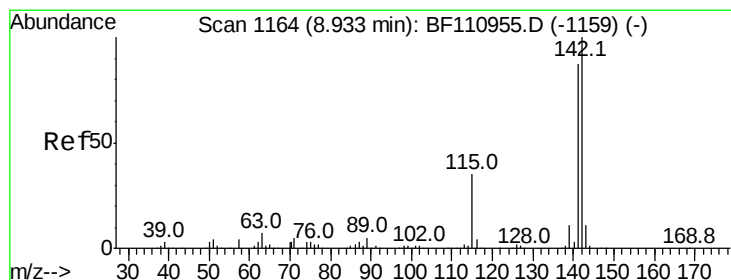
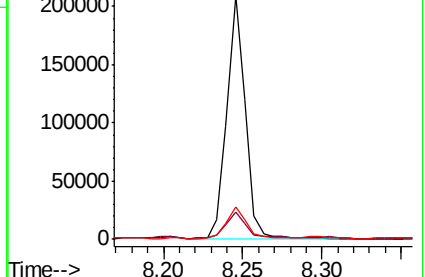
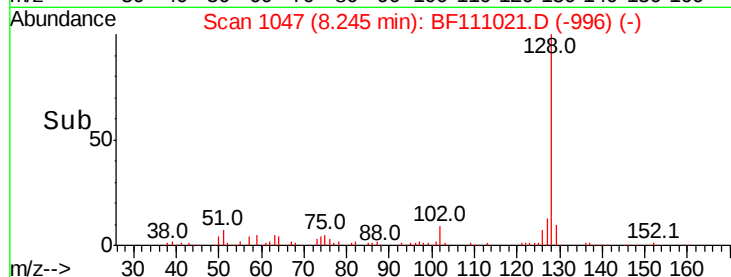
127 13.4 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#37

2-Methylnaphthalene

Concen: 6.992 ng

RT: 8.94 min Scan# 1165

Delta R.T. 0.01 min

Lab File: BF111021.D

Acq: 27 Nov 2018 20:32

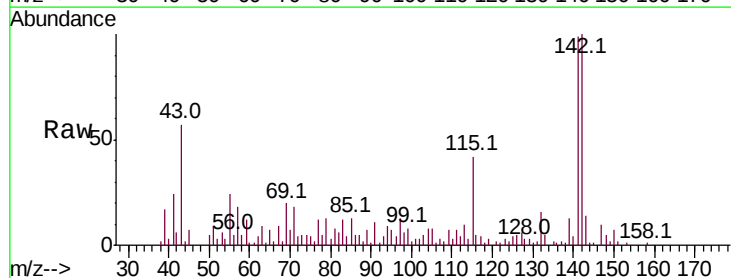
Tgt Ion:142 Resp: 32870

Ion Ratio Lower Upper

142 100

141 98.6 71.4 107.2

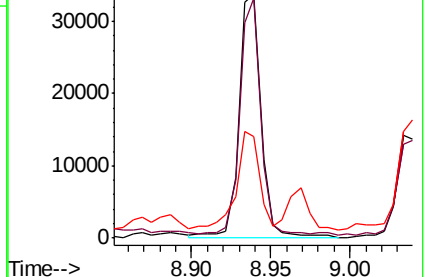
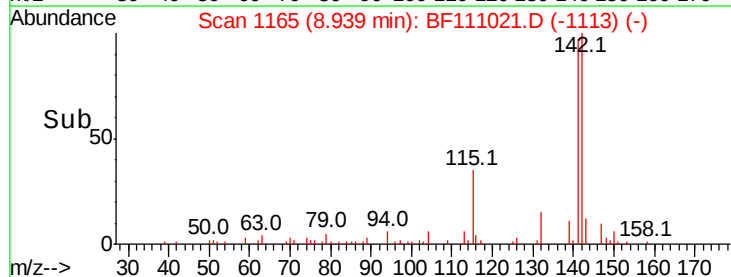
115 41.9 28.7 43.1

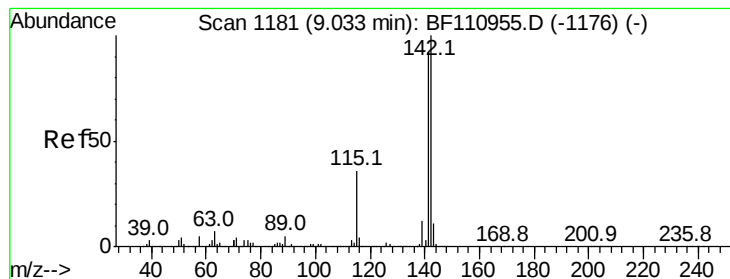


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

1-Methylnaphthalene

Concen: 3.182 ng

RT: 9.03 min Scan# 1181

Delta R.T. 0.00 min

Lab File: BF111021.D

Acq: 27 Nov 2018 20:32

Instrument :

BNA_F

ClientSampleId :

OILY-WATER

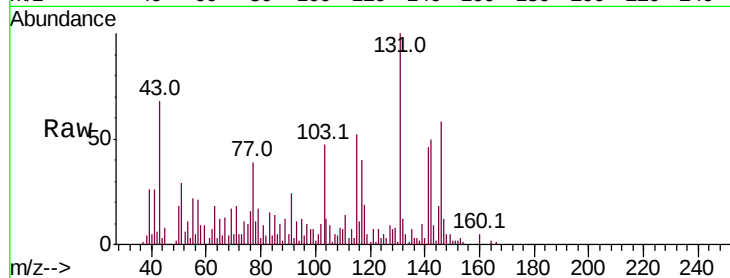
Tot Ion:142 Resp: 14552

Ion Ratio Lower Upper

142 100

141 91.8 74.2 111.4

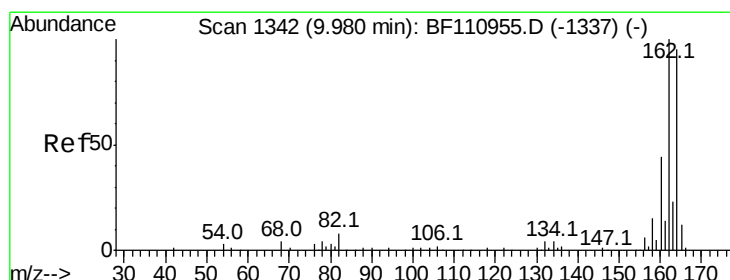
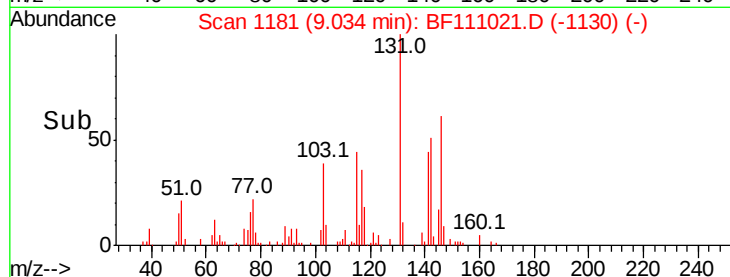
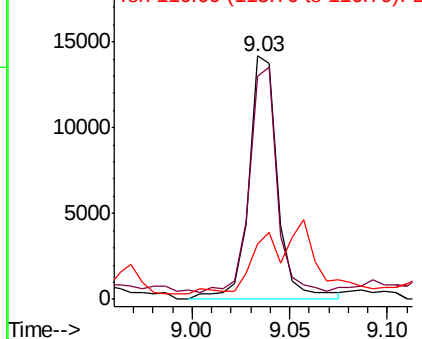
116 22.7 2.6 4.0#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.98 min Scan# 1342

Delta R.T. 0.00 min

Lab File: BF111021.D

Acq: 27 Nov 2018 20:32

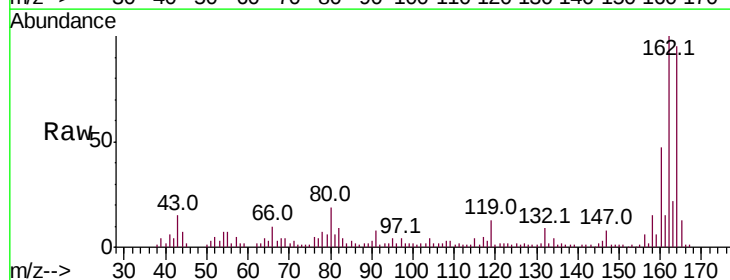
Tgt Ion:164 Resp: 64858

Ion Ratio Lower Upper

164 100

162 104.7 83.0 124.6

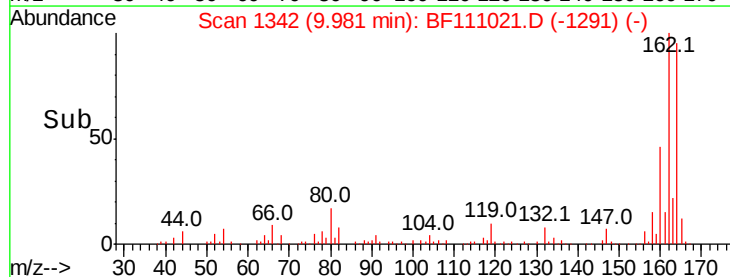
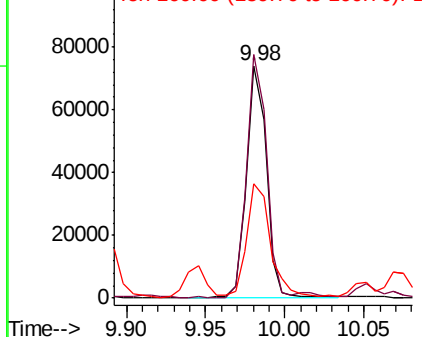
160 49.4 37.0 55.6

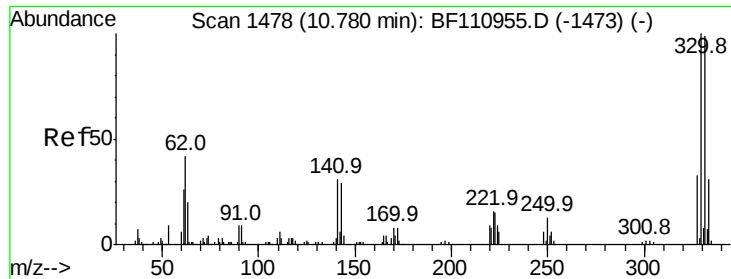


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

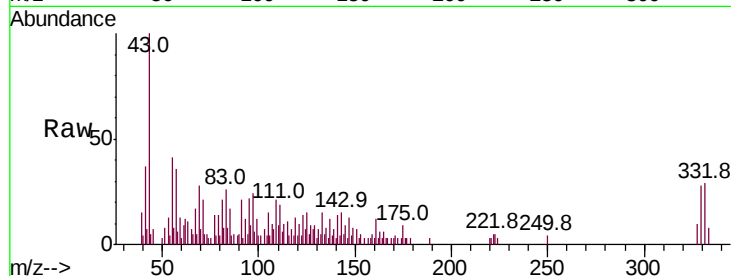




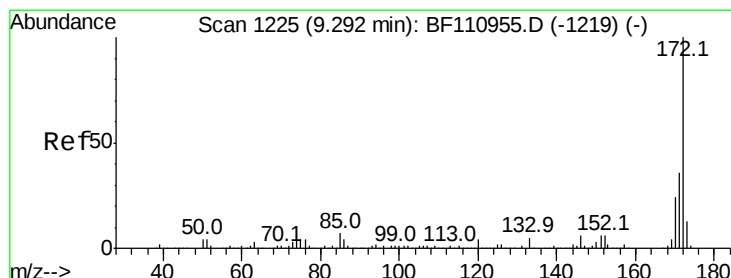
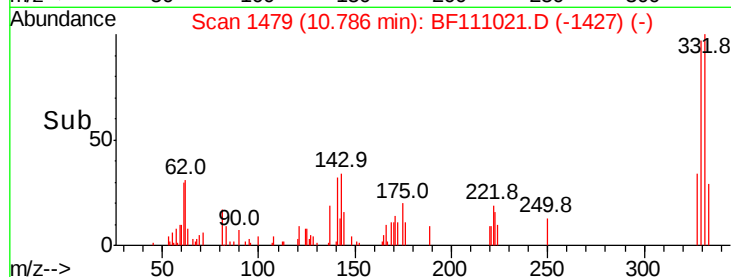
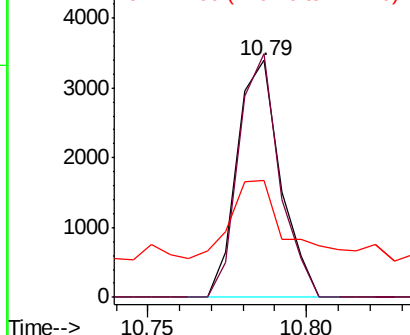
#42
 2,4,6-Tribromophenol
 Concen: 4.999 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. 0.01 min
 Lab File: BF111021.D
 Acq: 27 Nov 2018 20:32

Instrument :
 BNA_F
 ClientSampleId :
 OILY-WATER

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.1	115.7
141	45.8	27.0	40.4

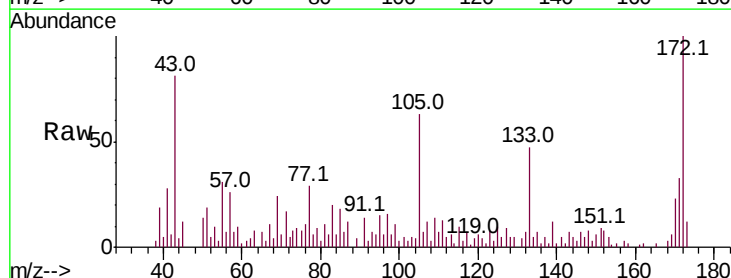


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

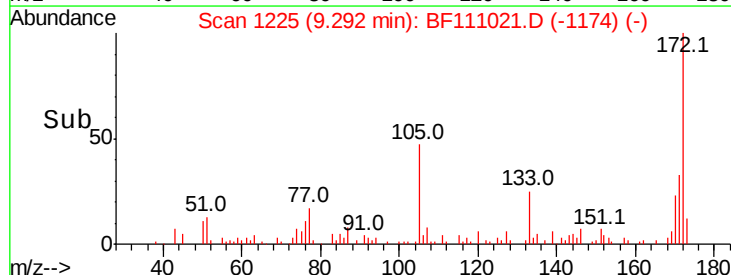
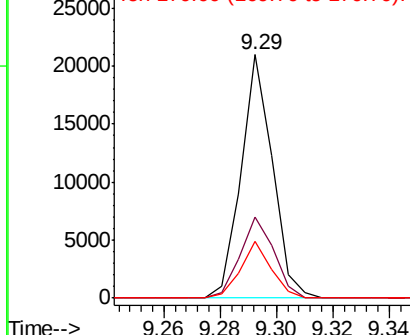


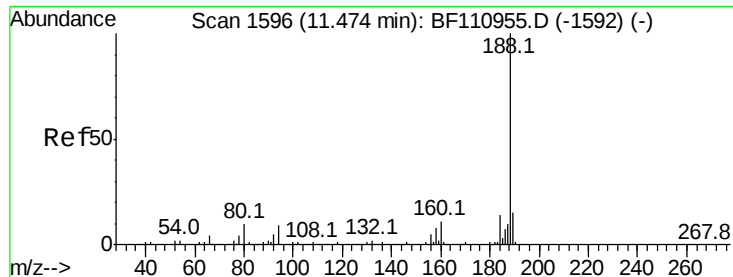
#45
 2-Fluorobiphenyl
 Concen: 3.603 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: BF111021.D
 Acq: 27 Nov 2018 20:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.4	28.6	43.0
170	23.1	19.7	29.5



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

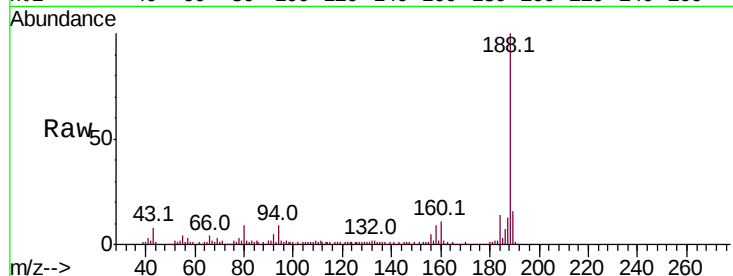




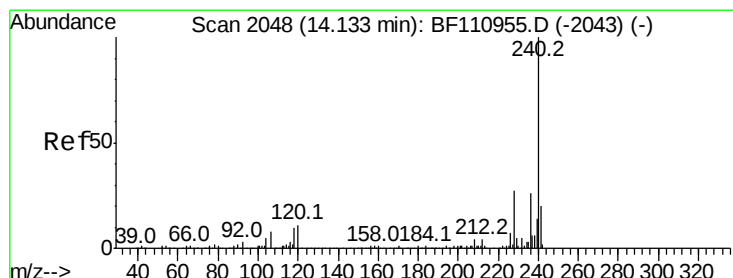
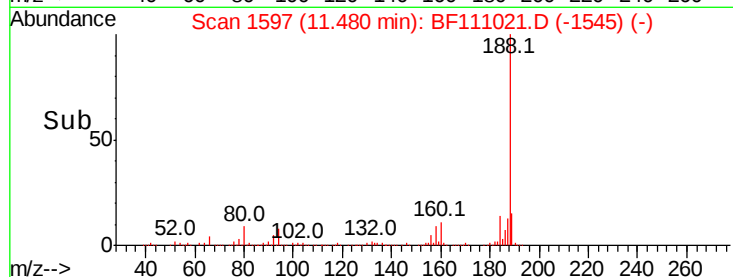
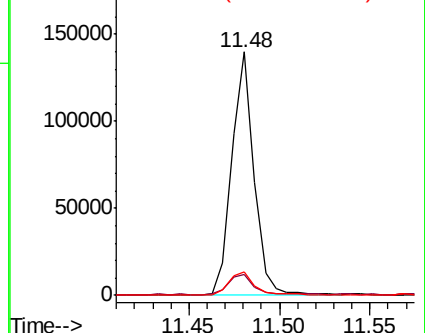
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. 0.01 min
Lab File: BF111021.D
Acq: 27 Nov 2018 20:32

Instrument :
BNA_F
ClientSampleId :
OILY-WATER

Tot Ion:188 Resp: 120259
Ion Ratio Lower Upper
188 100
94 8.6 7.2 10.8
80 9.4 7.9 11.9

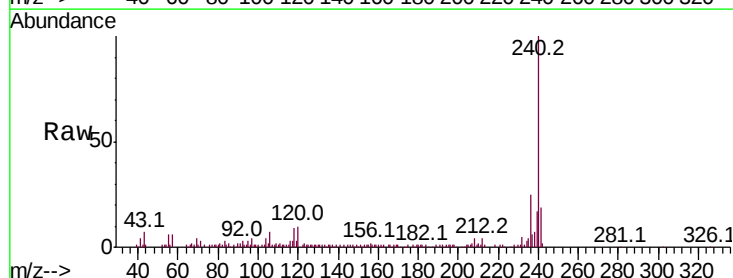


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

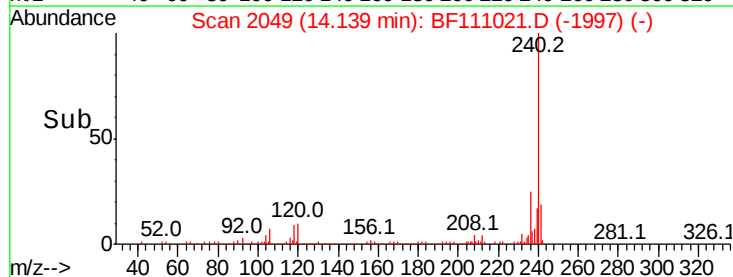
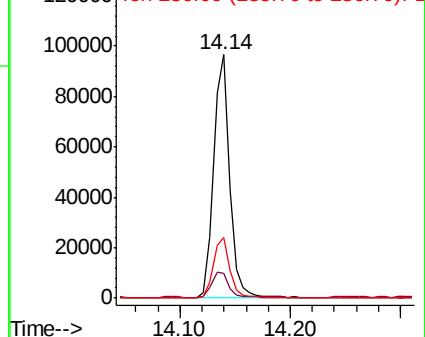


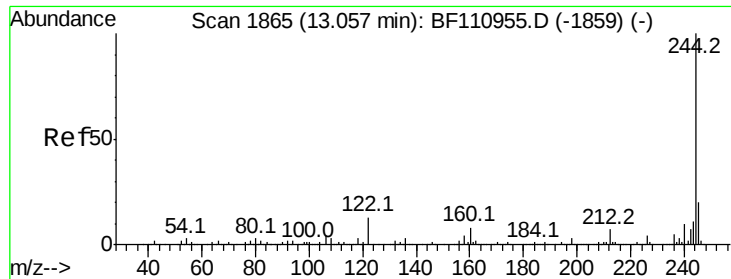
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2049
Delta R.T. 0.01 min
Lab File: BF111021.D
Acq: 27 Nov 2018 20:32

Tgt Ion:240 Resp: 95600
Ion Ratio Lower Upper
240 100
120 9.9 8.3 12.5
236 25.1 21.2 31.8



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

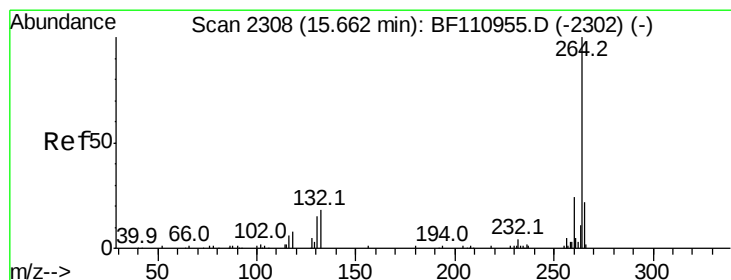
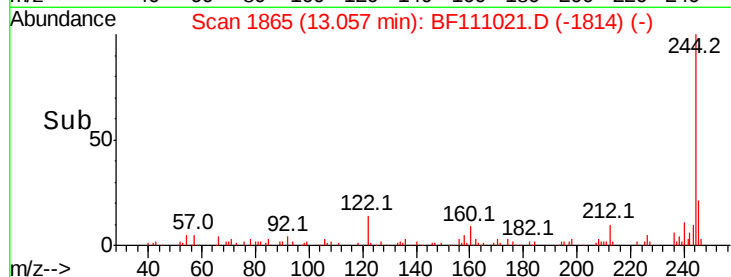
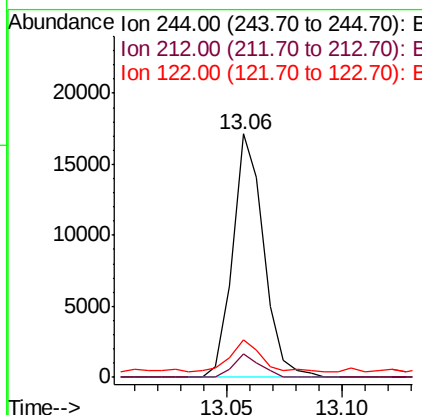
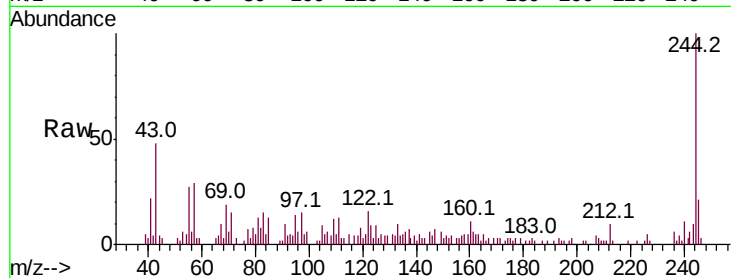




#79
 Terphenyl-d14
 Concen: 3.262 ng
 RT: 13.06 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: BF111021.D
 Acq: 27 Nov 2018 20:32

Instrument :
 BNA_F
 ClientSampleId :
 OILY-WATER

Tot Ion:244 Resp: 16019
 Ion Ratio Lower Upper
 244 100
 212 9.5 5.8 8.8#
 122 15.6 8.7 13.1#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2311
 Delta R.T. 0.01 min
 Lab File: BF111021.D
 Acq: 27 Nov 2018 20:32

Tgt Ion:264 Resp: 61717
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.7 28.1
 265 20.9 16.7 25.1

