

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121618\
 Data File : BF111507.D
 Acq On : 16 Dec 2018 14:35
 Operator : JU/SJ
 Sample : J6373-10 10X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OILY-WATER

Quant Time: Dec 17 06:40:14 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 14 13:26:17 2018
 Response via : Initial Calibration

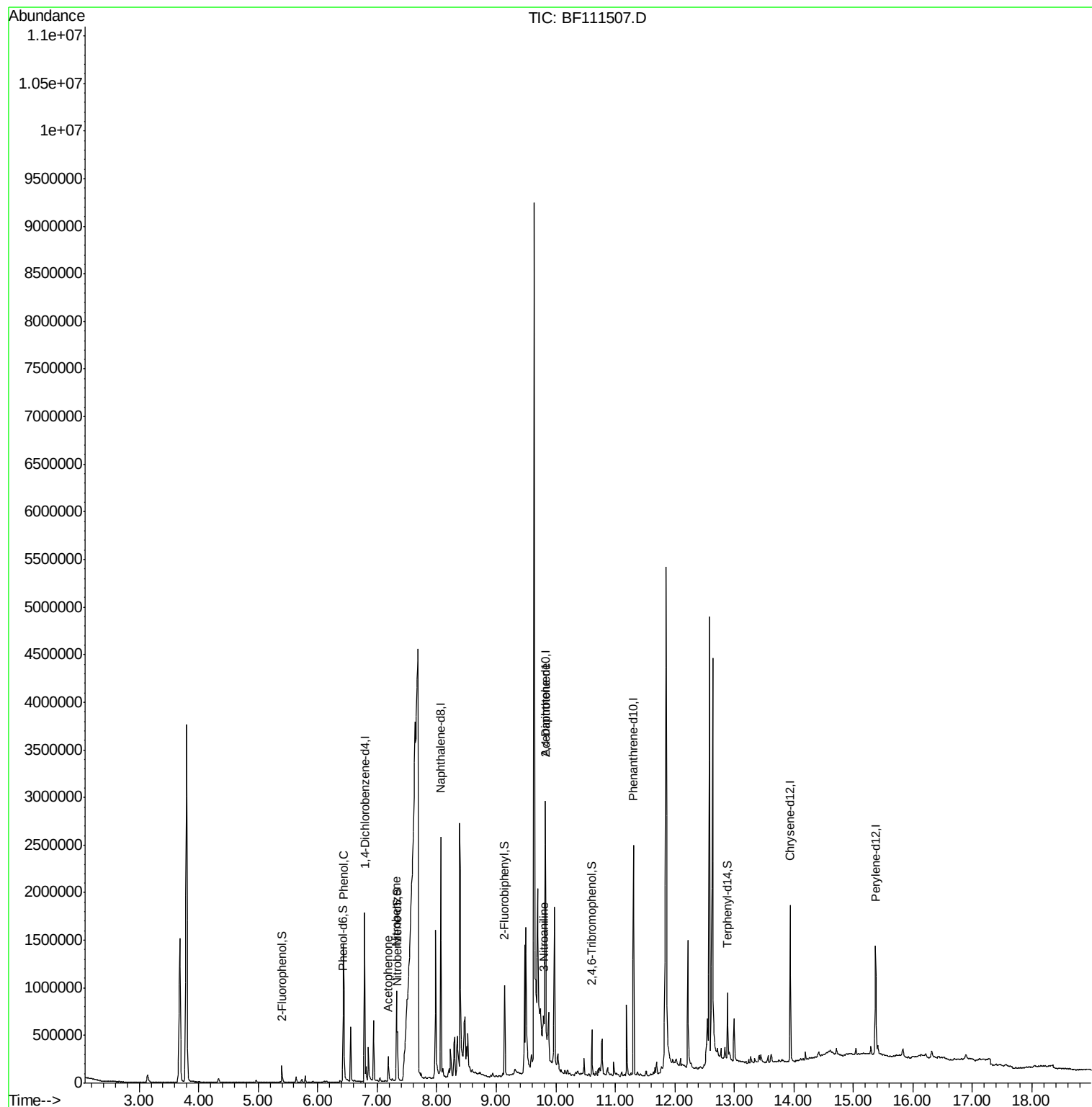
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	252176	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	1069991	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	505108	20.00	ng	0.00
64) Phenanthrene-d10	11.30	188	830428	20.00	ng	-0.01
76) Chrysene-d12	13.94	240	542657	20.00	ng	-0.01
87) Perylene-d12	15.37	264	543999	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	55816	3.68	ng	-0.02
7) Phenol-d6	6.42	99	69018	3.42	ng	-0.02
23) Nitrobenzene-d5	7.34	82	140627	7.83	ng	-0.02
42) 2,4,6-Tribromophenol	10.61	330	52545	11.61	ng	-0.01
45) 2-Fluorobiphenyl	9.15	172	307659	9.41	ng	-0.01
79) Terphenyl-d14	12.89	244	227461	9.84	ng	-0.01
Target Compounds						
10) Phenol	6.43	94	484383	21.571	ng	Qvalue 89
22) Acetophenone	7.19	105	72990	3.056	ng	# 82
24) Nitrobenzene	7.33	77	38238	2.086	ng	# 48
53) 3-Nitroaniline	9.80	138	486897	48.956	ng	# 1
57) 2,4-Dinitrotoluene	9.83	165	63563	5.914	ng	# 26

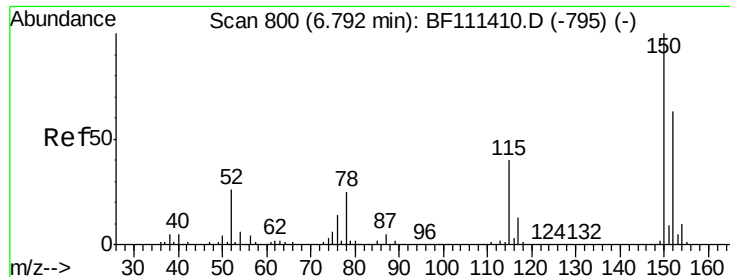
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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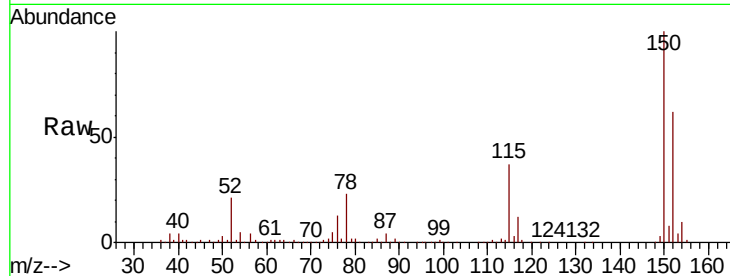




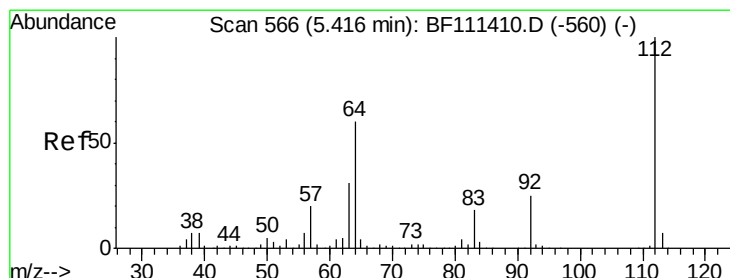
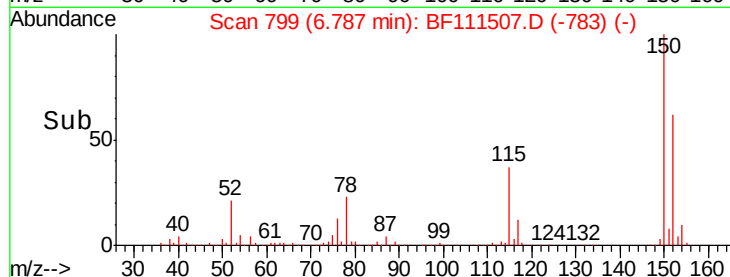
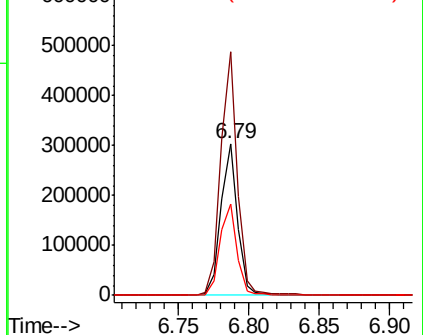
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF111507.D
 Acq: 16 Dec 2018 14:35

Instrument :
 BNA_F
 ClientSampleId :
 OILY-WATER

Tgt Ion:152 Resp: 252176
 Ion Ratio Lower Upper
 152 100
 150 160.1 126.6 189.8
 115 59.7 50.7 76.1

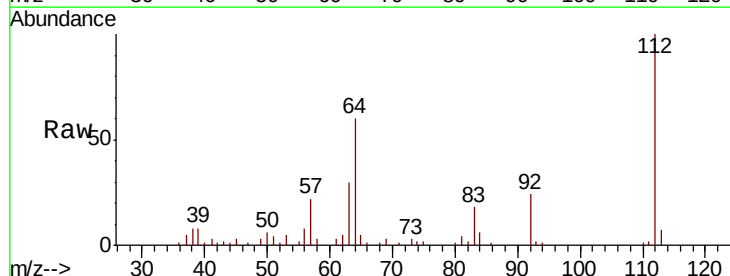


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

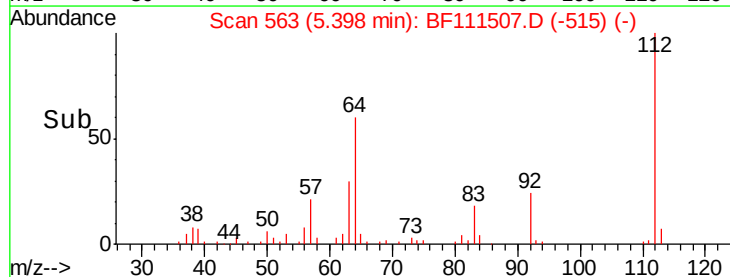
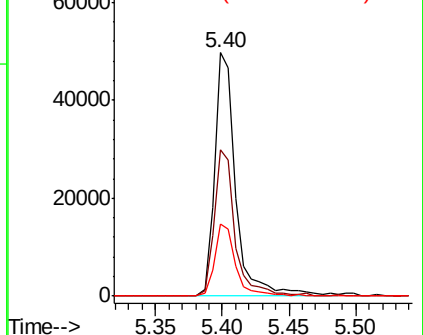


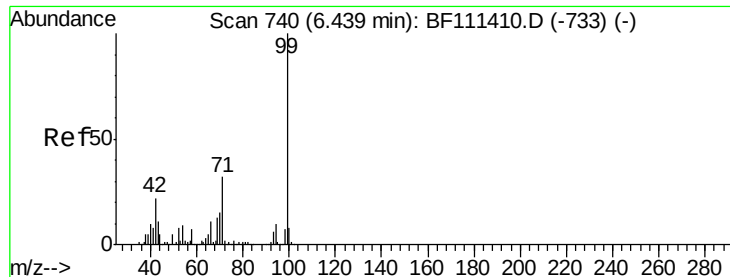
#5
 2-Fluorophenol
 Concen: 3.683 ng
 RT: 5.40 min Scan# 563
 Delta R.T. -0.02 min
 Lab File: BF111507.D
 Acq: 16 Dec 2018 14:35

Tgt Ion:112 Resp: 55816
 Ion Ratio Lower Upper
 112 100
 64 60.2 51.8 77.6
 63 29.7 26.8 40.2



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: 3.424 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.02 min

Lab File: BF111507.D

Acq: 16 Dec 2018 14:35

Instrument :

BNA_F

ClientSampleId :

OILY-WATER

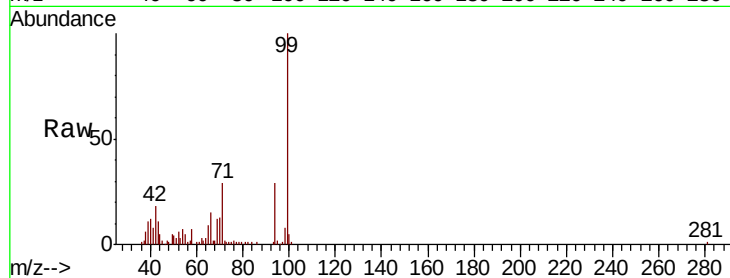
Tgt Ion: 99 Resp: 69018

Ion Ratio Lower Upper

99 100

42 18.4 17.4 26.0

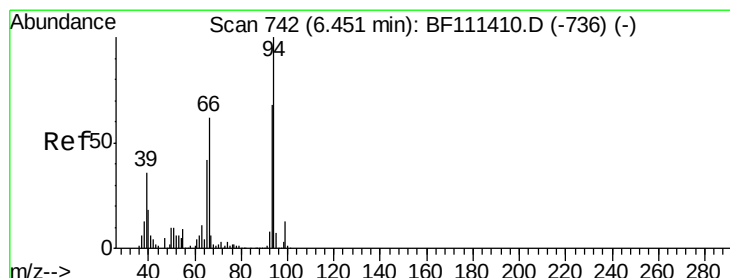
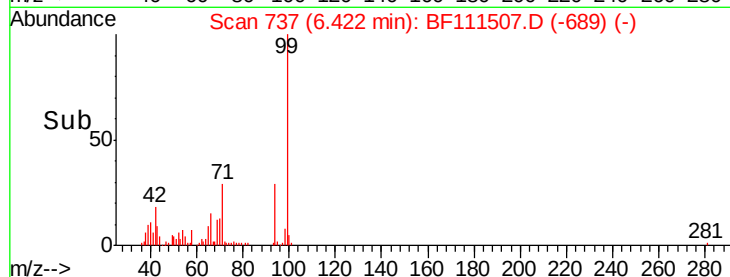
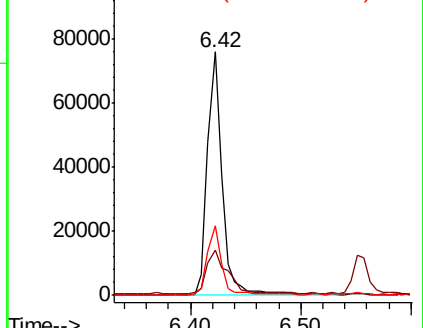
71 28.5 26.1 39.1



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



#10

Phenol

Concen: 21.571 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.02 min

Lab File: BF111507.D

Acq: 16 Dec 2018 14:35

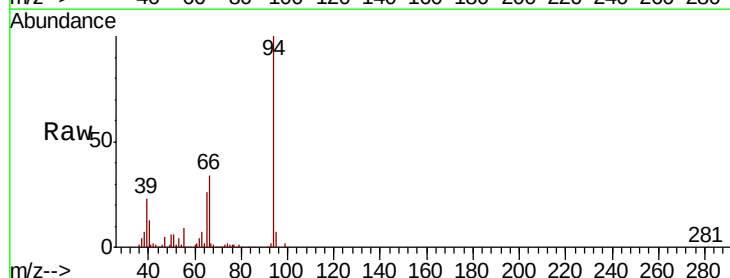
Tgt Ion: 94 Resp: 484383

Ion Ratio Lower Upper

94 100

65 26.3 11.7 51.7

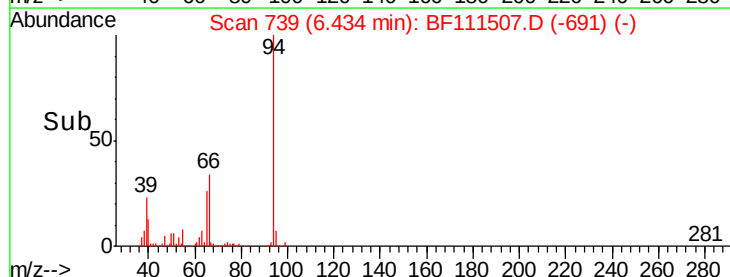
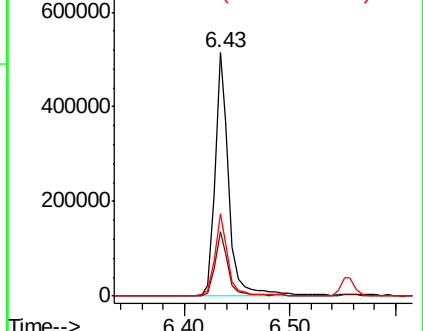
66 33.6 21.0 61.0

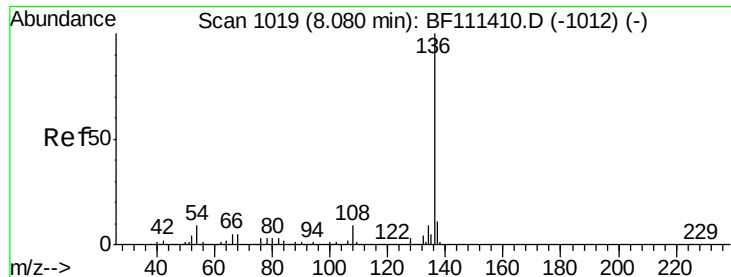


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

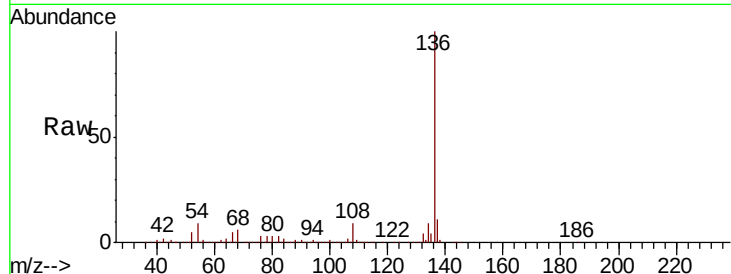




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF111507.D
Acq: 16 Dec 2018 14:35

Instrument :
BNA_F
ClientSampleId :
OILY-WATER

Tgt	Ion:136	Resp:	1069991
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	9.0	7.7	11.5
68	5.7	4.9	7.3



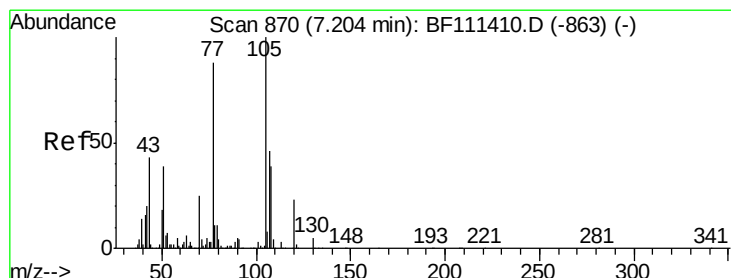
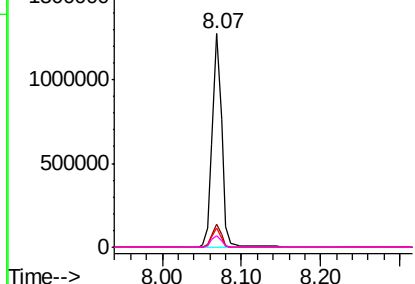
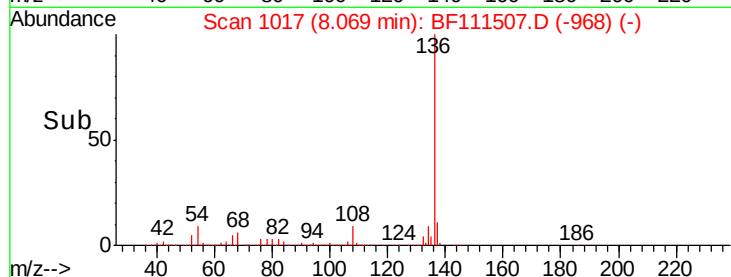
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

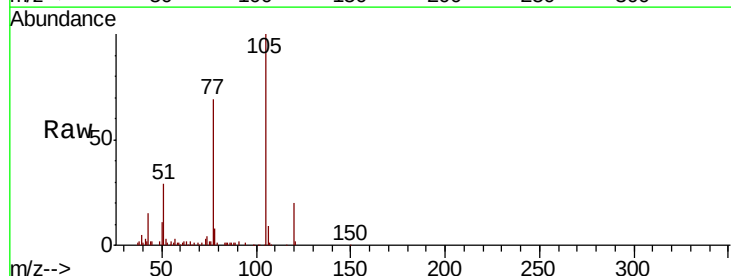
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 3.056 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.02 min
Lab File: BF111507.D
Acq: 16 Dec 2018 14:35

Tgt	Ion:105	Resp:	72990
Ion	Ratio	Lower	Upper
105	100		
71	0.7	3.1	4.7#
51	29.0	36.6	54.8#
120	20.0	18.2	27.4



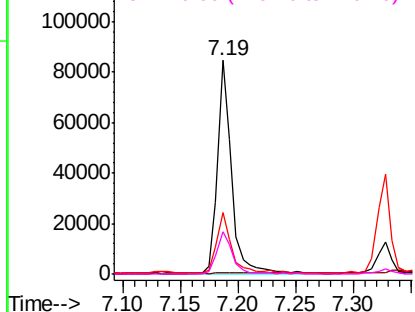
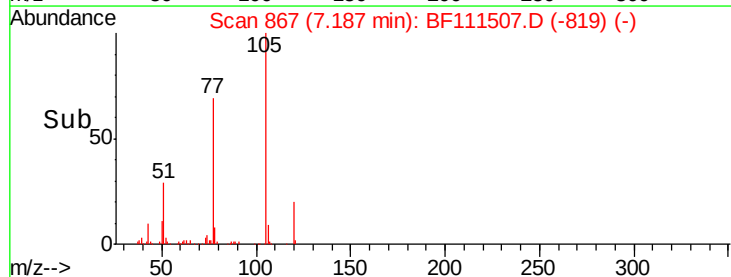
Abundance

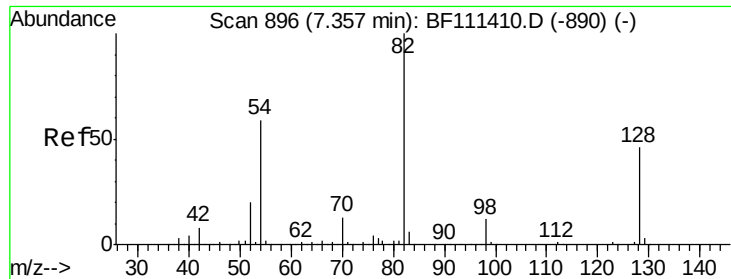
Ion 105.00 (104.70 to 105.70): E

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

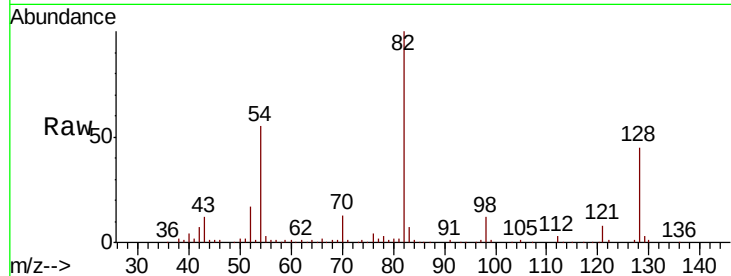




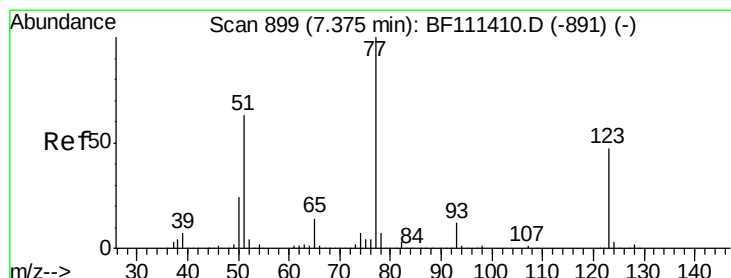
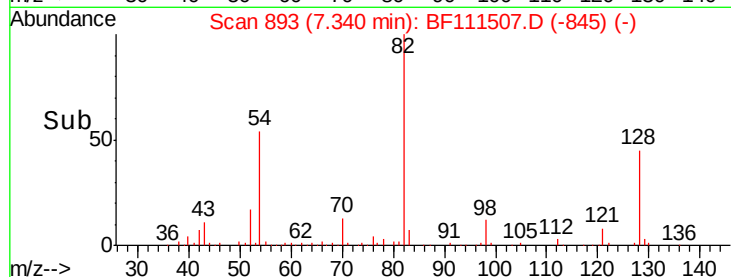
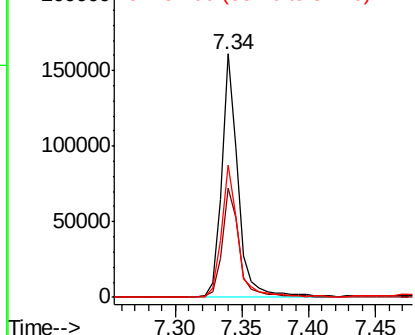
#23
Nitrobenzene-d5
Concen: 7.826 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.02 min
Lab File: BF111507.D
Acq: 16 Dec 2018 14:35

Instrument :
BNA_F
ClientSampleId :
OILY-WATER

Tgt Ion: 82 Resp: 140627
Ion Ratio Lower Upper
82 100
128 45.1 37.4 56.2
54 54.5 47.6 71.4

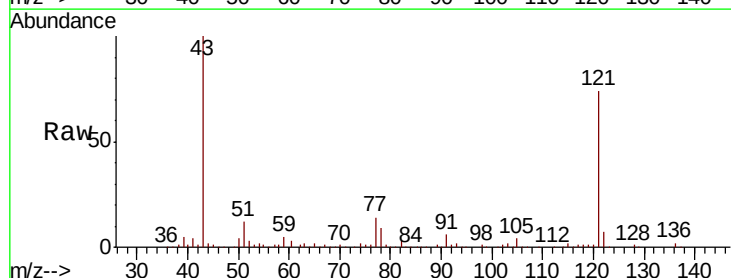


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

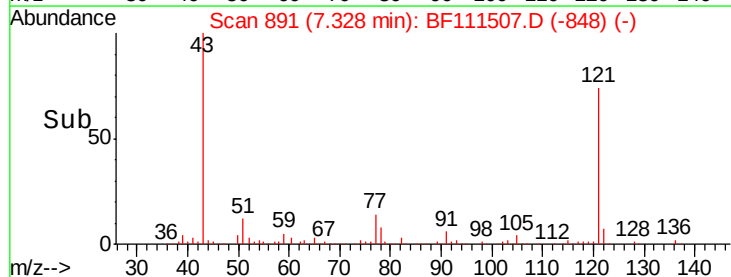
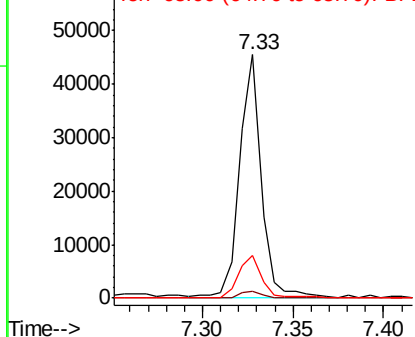


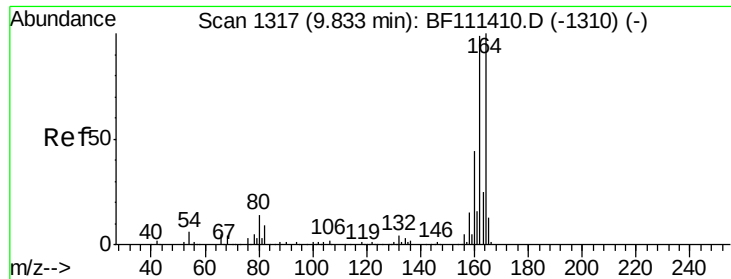
#24
Nitrobenzene
Concen: 2.086 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.05 min
Lab File: BF111507.D
Acq: 16 Dec 2018 14:35

Tgt Ion: 77 Resp: 38238
Ion Ratio Lower Upper
77 100
123 2.7 37.2 55.8#
65 17.6 11.5 17.3#



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1

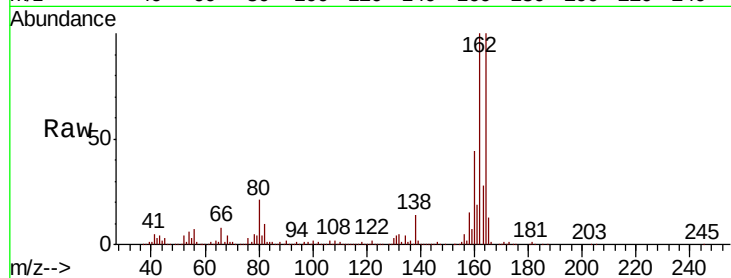




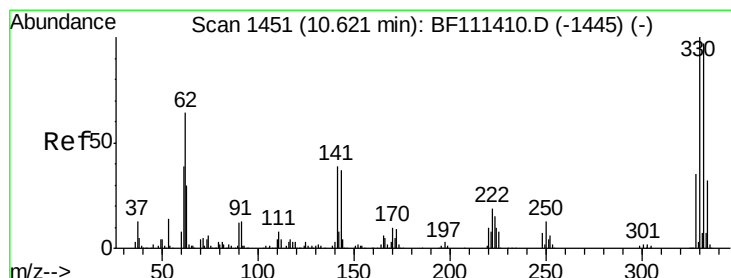
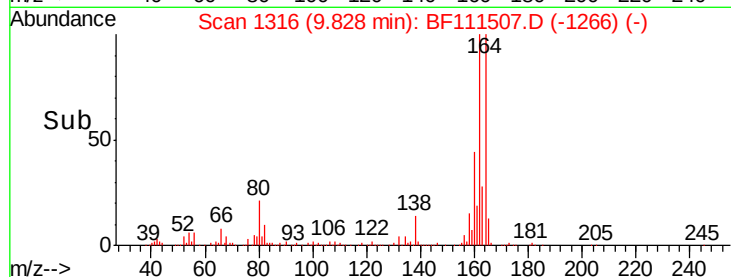
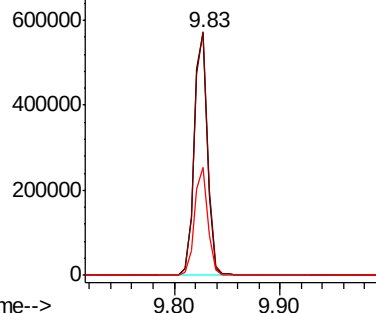
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF111507.D
Acq: 16 Dec 2018 14:35

Instrument :
BNA_F
ClientSampleId :
OILY-WATER

Tgt Ion:164 Resp: 505108
Ion Ratio Lower Upper
164 100
162 100.3 81.4 122.0
160 44.4 35.7 53.5

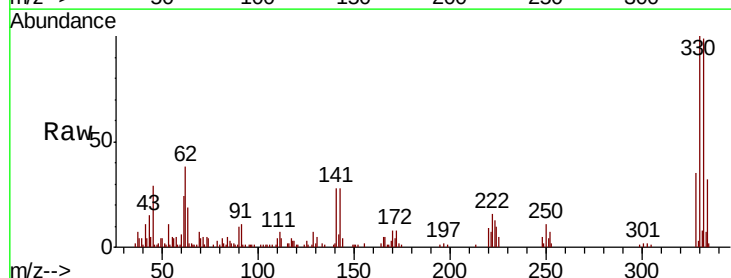


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

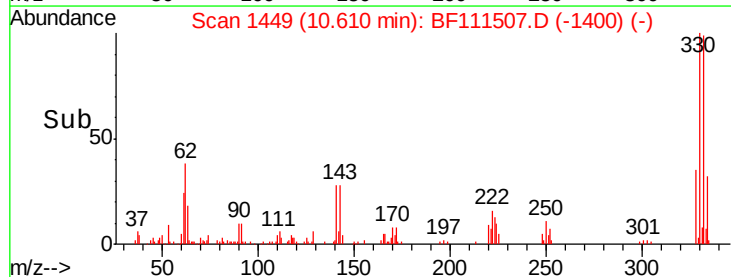
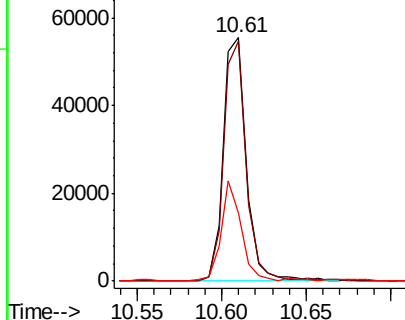


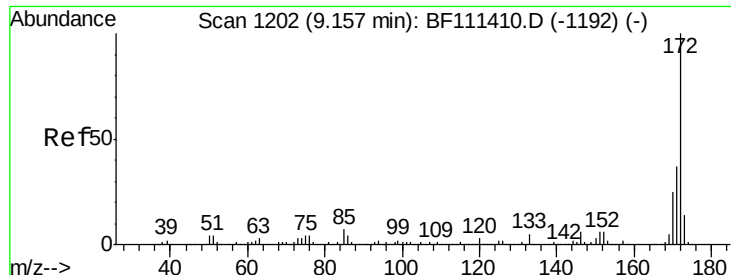
#42
2,4,6-Tribromophenol
Concen: 11.613 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.01 min
Lab File: BF111507.D
Acq: 16 Dec 2018 14:35

Tgt Ion:330 Resp: 52545
Ion Ratio Lower Upper
330 100
332 96.6 76.0 114.0
141 36.2 31.0 46.6



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

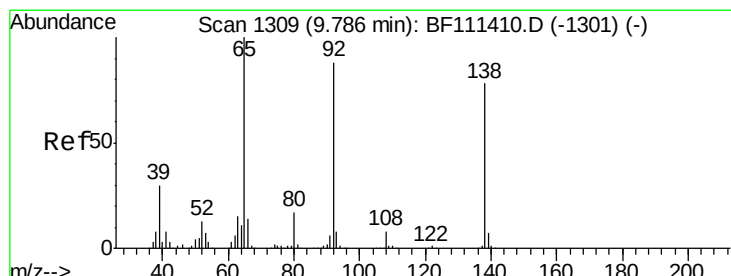
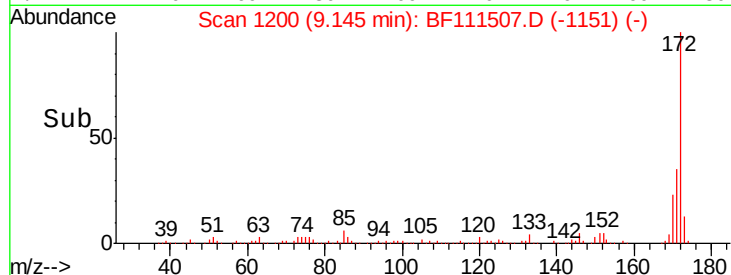
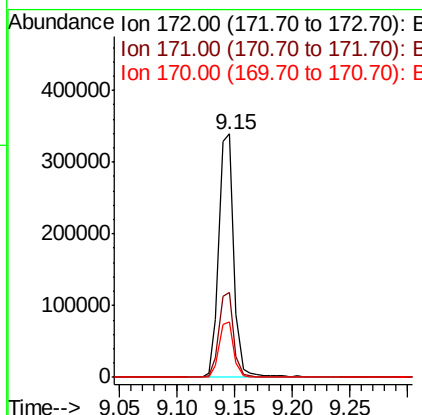
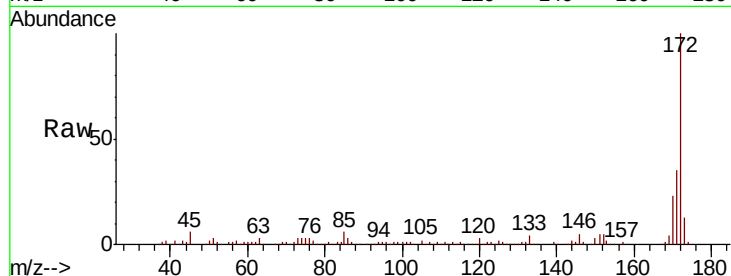




#45
 2-Fluorobiphenyl
 Concen: 9.408 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF111507.D
 Acq: 16 Dec 2018 14:35

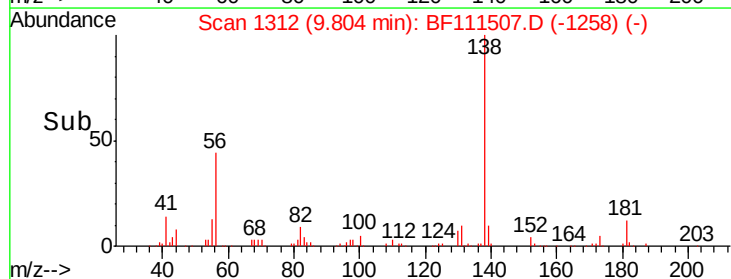
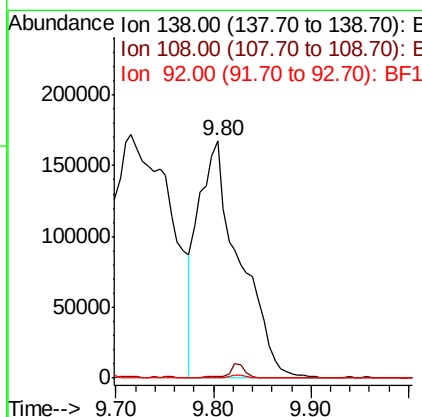
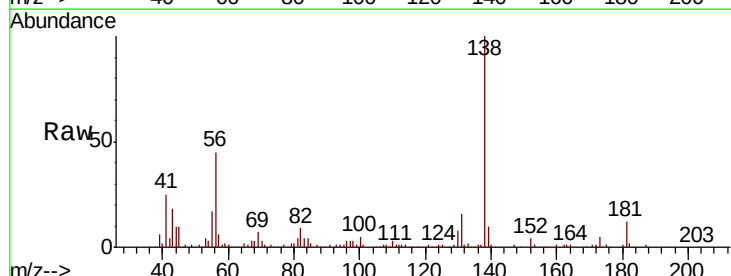
Instrument :
 BNA_F
 ClientSampleId :
 OILY-WATER

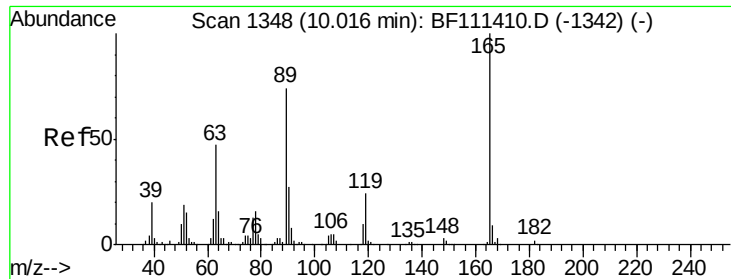
Tgt Ion:172 Resp: 307659
 Ion Ratio Lower Upper
 172 100
 171 34.7 33.0 49.4
 170 22.6 22.3 33.5



#53
 3-Nitroaniline
 Concen: 48.956 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. 0.02 min
 Lab File: BF111507.D
 Acq: 16 Dec 2018 14:35

Tgt Ion:138 Resp: 486897
 Ion Ratio Lower Upper
 138 100
 108 0.7 8.2 12.4#
 92 0.0 93.4 140.2#





#57

2,4-Dinitrotoluene

Concen: 5.914 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.19 min

Lab File: BF111507.D

Acq: 16 Dec 2018 14:35

Instrument :

BNA_F

ClientSampleId :

OILY-WATER

Tgt Ion:165 Resp: 63563

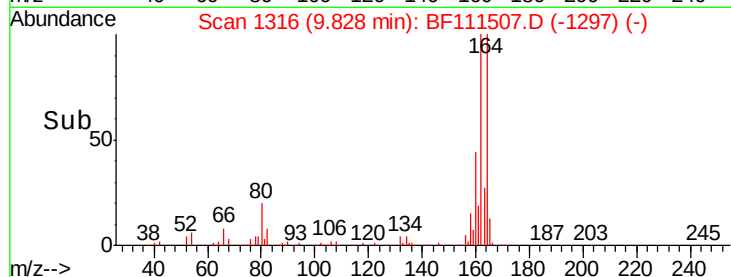
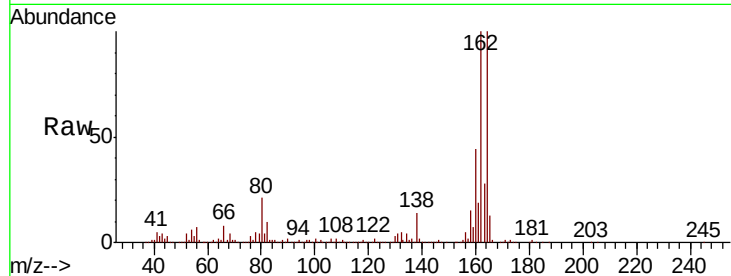
Ion Ratio Lower Upper

165 100

63 2.8 34.6 52.0#

89 2.4 56.2 84.4#

182 1.7 1.8 2.6#

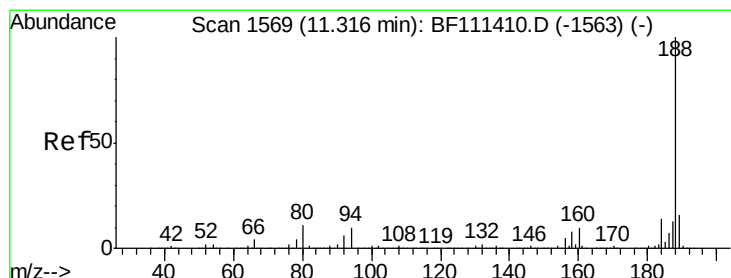
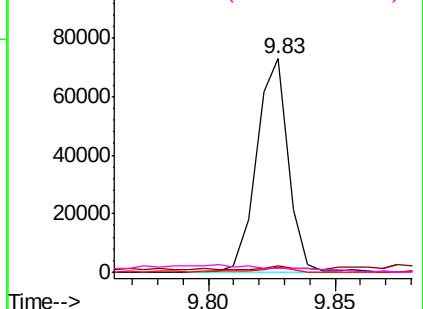


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.30 min Scan# 1567

Delta R.T. -0.01 min

Lab File: BF111507.D

Acq: 16 Dec 2018 14:35

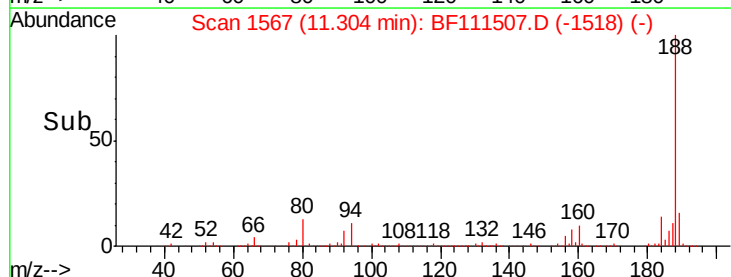
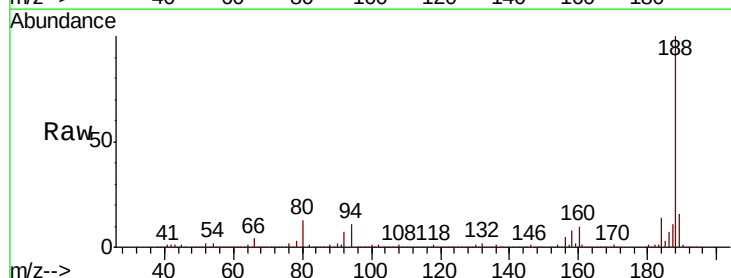
Tgt Ion:188 Resp: 830428

Ion Ratio Lower Upper

188 100

94 11.0 9.6 14.4

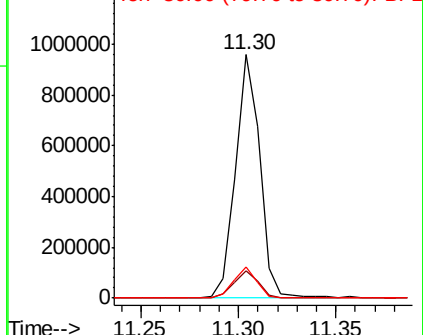
80 12.7 9.8 14.6

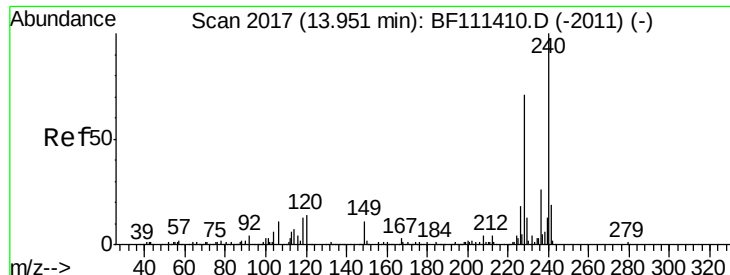


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

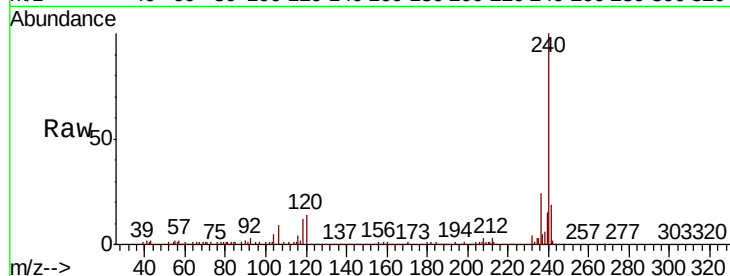




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF111507.D
Acq: 16 Dec 2018 14:35

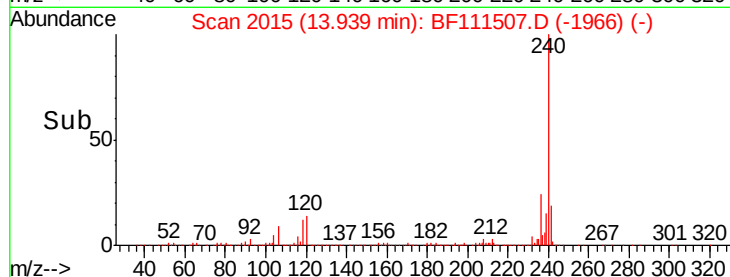
Instrument :
BNA_F
ClientSampleId :
OILY-WATER

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.8	12.2	18.2
236	24.2	20.2	30.2

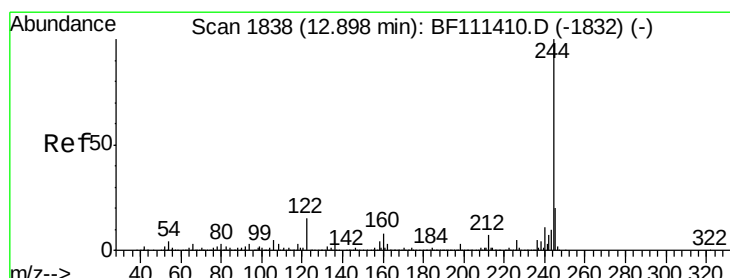


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

13.94

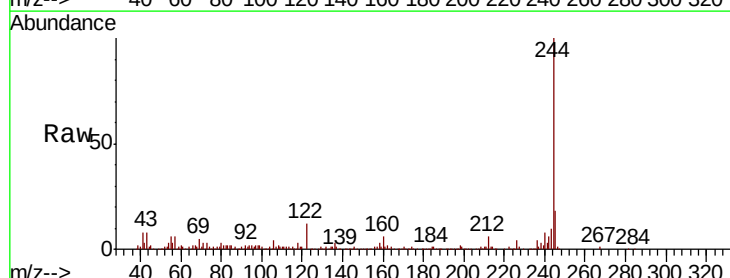


Time-->



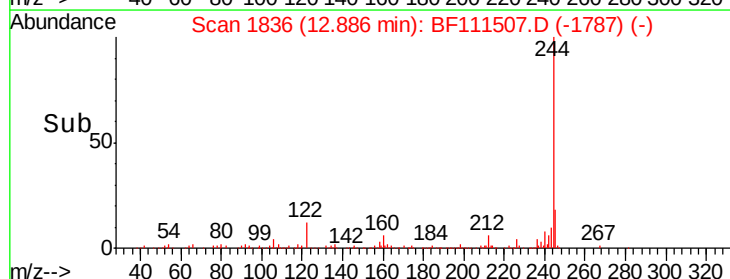
#79
Terphenyl-d14
Concen: 9.843 ng
RT: 12.89 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BF111507.D
Acq: 16 Dec 2018 14:35

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.7	8.5
122	12.1	13.1	19.7

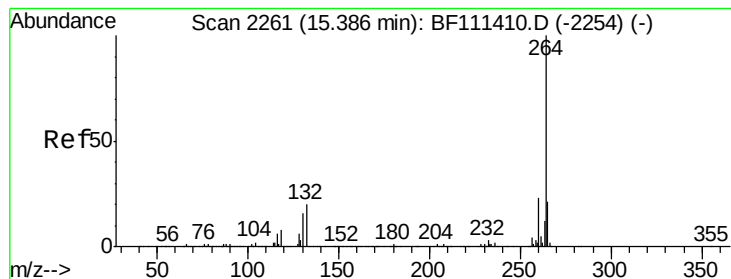


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

12.89



Time-->



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.37 min Scan# 2259

Delta R.T. -0.01 min

Lab File: BF111507.D

Acq: 16 Dec 2018 14:35

Instrument :

BNA_F

ClientSampleId :

OILY-WATER

Tgt Ion: 264 Resp: 543999

Ion Ratio Lower Upper

264 100

260 23.3 18.3 27.5

265 21.2 17.7 26.5

