

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121018\
 Data File : BF111268.D
 Acq On : 11 Dec 2018 3:10
 Operator : JU/SJ
 Sample : J6269-03 10X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OILY-WATER

Quant Time: Dec 11 04:02:49 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 01:15:27 2018
 Response via : Initial Calibration

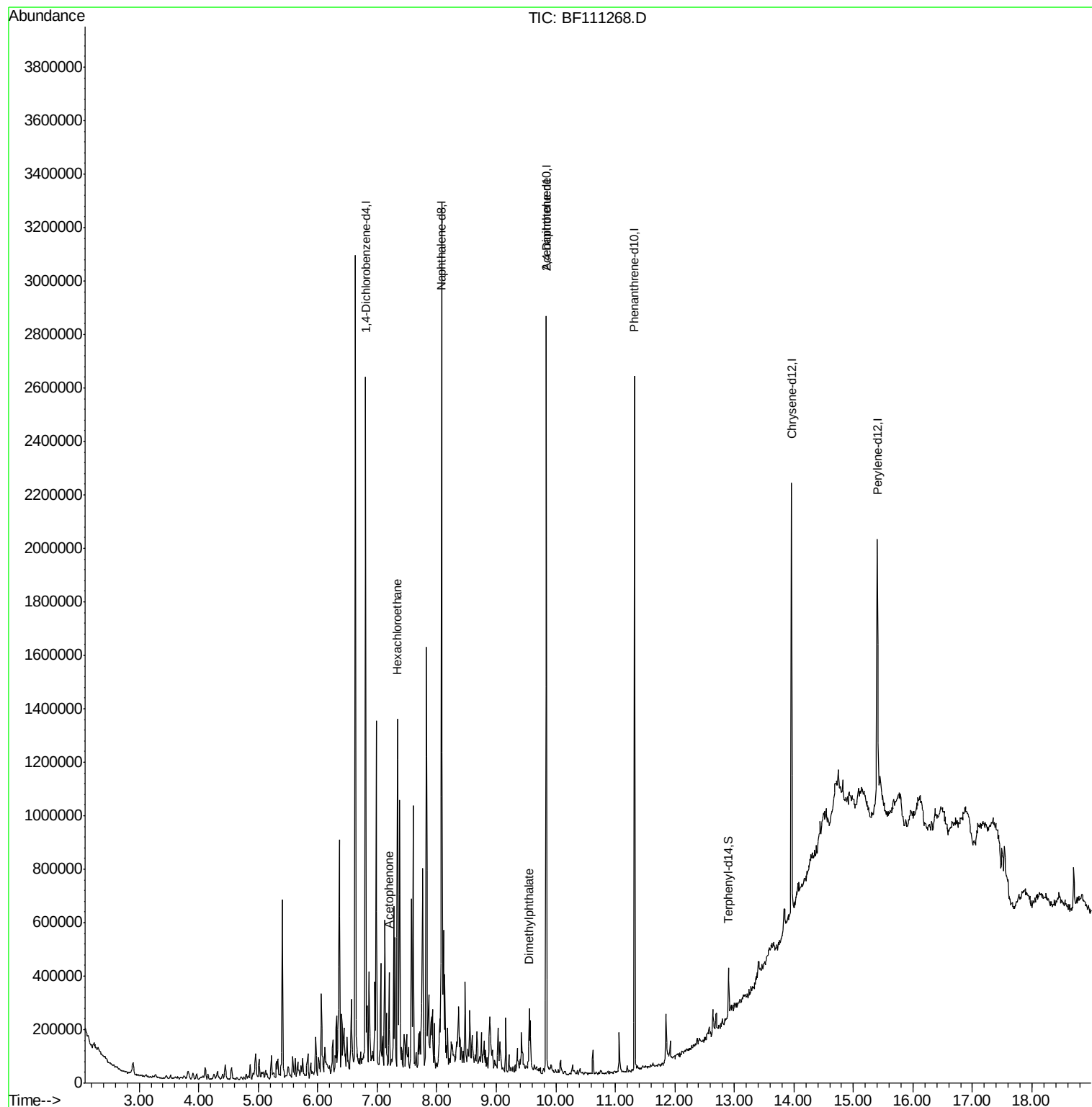
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	355694	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1276558	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	518368	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	860634	20.00	ng	0.00
76) Chrysene-d12	13.96	240	567198	20.00	ng	0.00
87) Perylene-d12	15.40	264	446792	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	29508	1.31	ng	0.00
7) Phenol-d6	6.43	99	27251	0.97	ng	0.00
23) Nitrobenzene-d5	7.36	82	32864	1.44	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	8548	1.86	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	63865	-1.00	ng	0.00
79) Terphenyl-d14	12.90	244	52949	2.24	ng	0.00
Target Compounds						
18) Hexachloroethane	7.34	117	97026	9.174	ng	# 1
22) Acetophenone	7.20	105	75073	2.570	ng	# 46
46) 1,1'-Biphenyl	9.26	154	195	Below Cal		77
50) Dimethylphthalate	9.55	163	79118	2.069	ng	98
57) 2,4-Dinitrotoluene	9.84	165	68424	6.571	ng	# 25

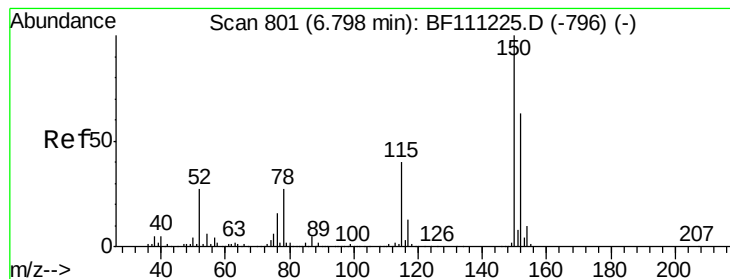
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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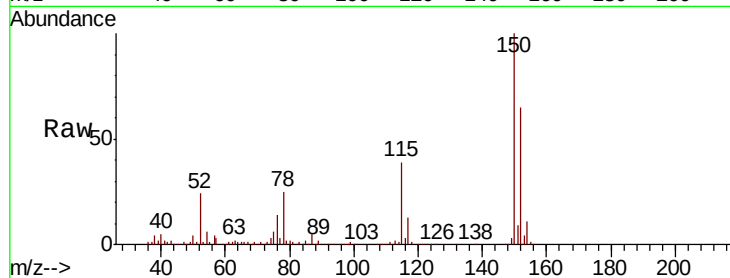


#1

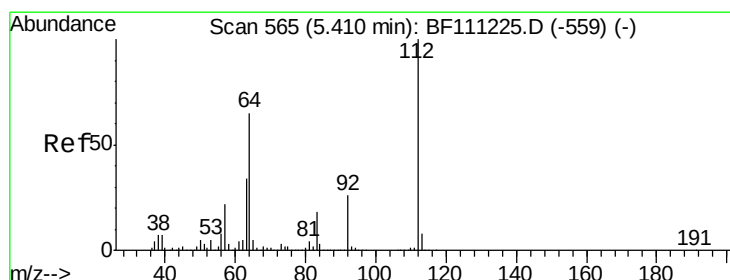
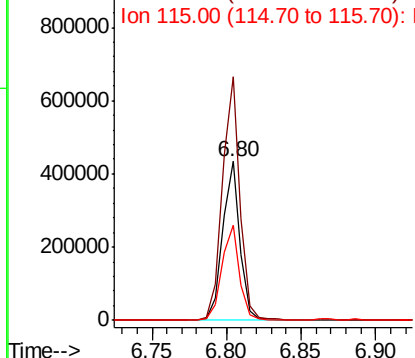
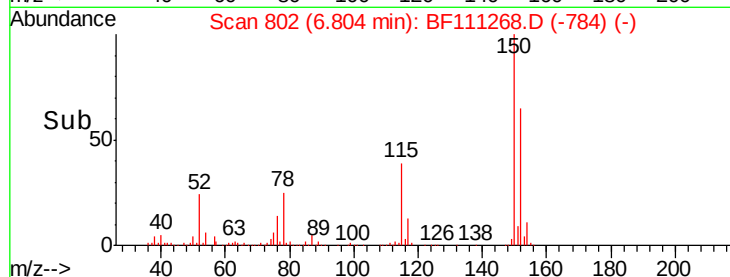
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 802
 Delta R.T. 0.01 min
 Lab File: BF111268.D
 Acq: 11 Dec 2018 3:10

Instrument :
 BNA_F
 ClientSampleId :
 OILY-WATER

Tgt Ion:152 Resp: 355694
 Ion Ratio Lower Upper
 152 100
 150 153.1 126.6 189.8
 115 60.2 50.7 76.1



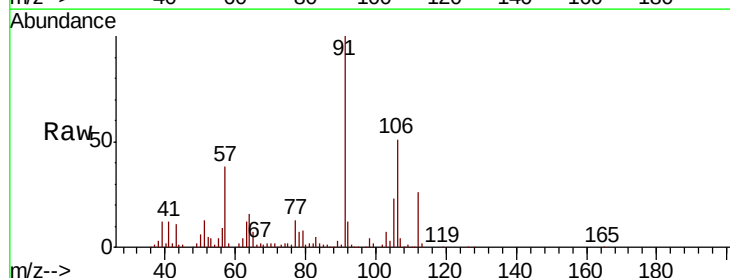
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



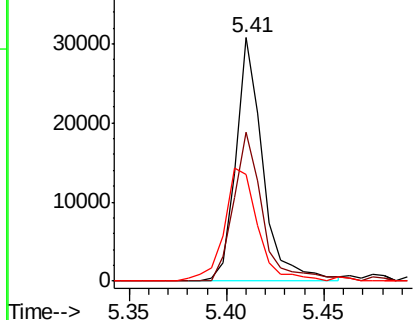
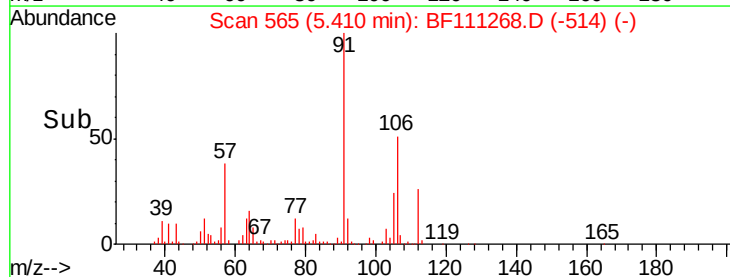
#5

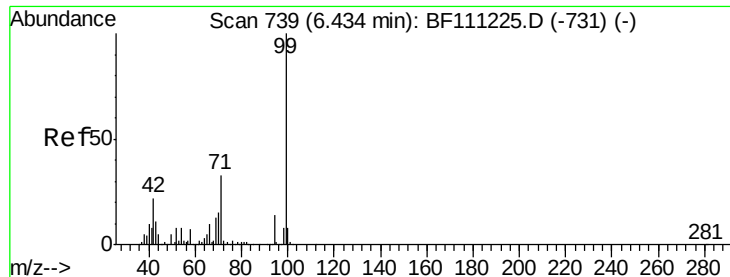
2-Fluorophenol
 Concen: 1.310 ng
 RT: 5.41 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: BF111268.D
 Acq: 11 Dec 2018 3:10

Tgt Ion:112 Resp: 29508
 Ion Ratio Lower Upper
 112 100
 64 61.1 51.8 77.6
 63 43.7 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: 0.973 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF111268.D

Acq: 11 Dec 2018 3:10

Instrument :

BNA_F

ClientSampled :

OILY-WATER

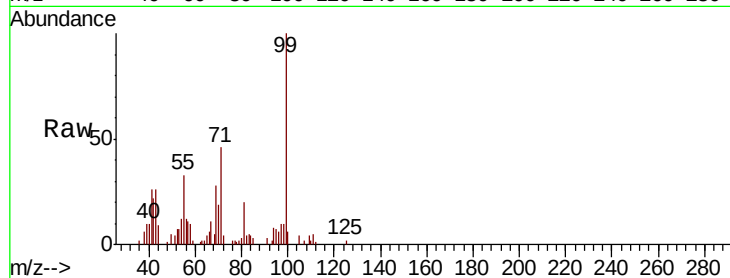
Tgt Ion: 99 Resp: 27251

Ion Ratio Lower Upper

99 100

42 22.1 17.4 26.0

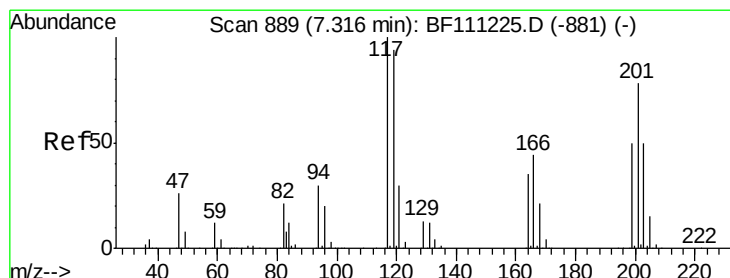
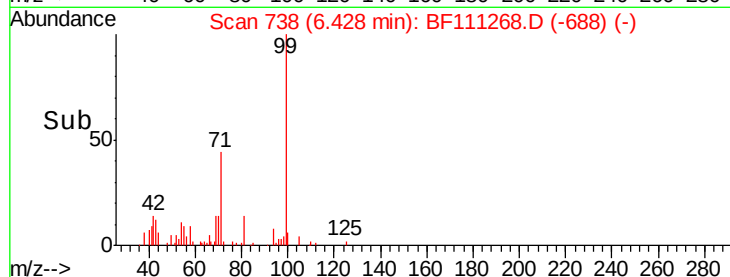
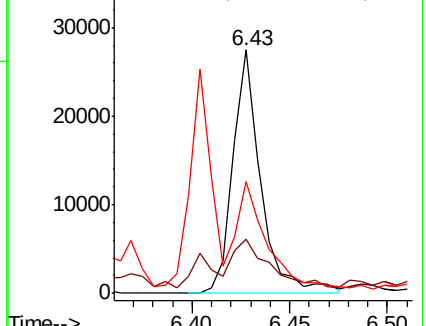
71 46.0 26.1 39.1#



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



#18

Hexachloroethane

Concen: 9.174 ng

RT: 7.34 min Scan# 893

Delta R.T. 0.02 min

Lab File: BF111268.D

Acq: 11 Dec 2018 3:10

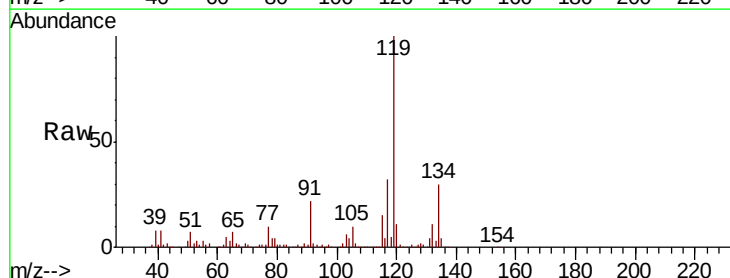
Tgt Ion: 117 Resp: 97026

Ion Ratio Lower Upper

117 100

119 310.4 75.4 113.0#

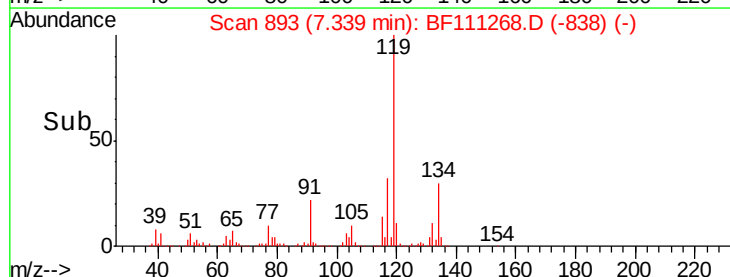
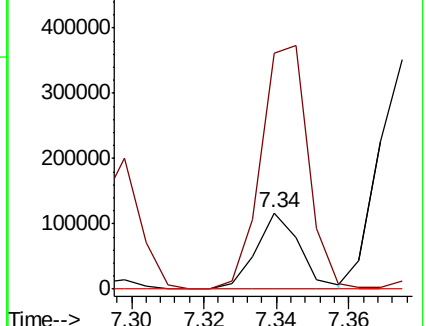
201 0.0 62.4 93.6#

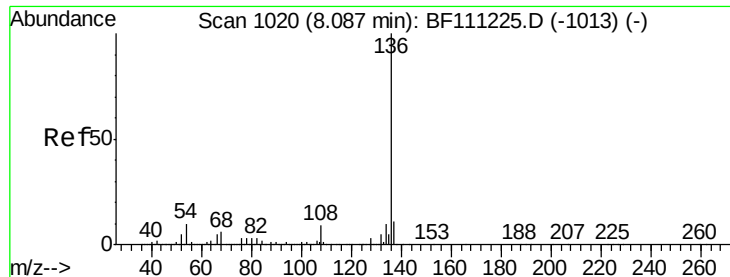


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

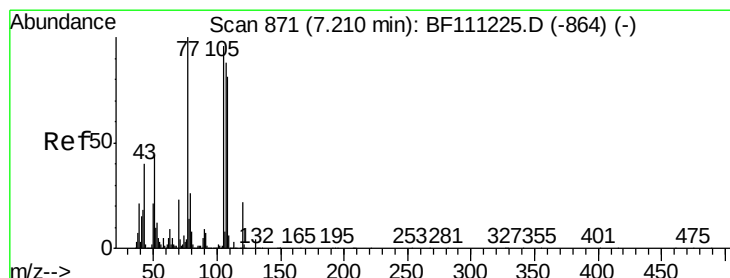
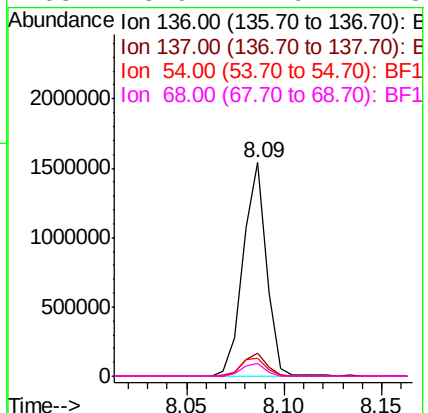
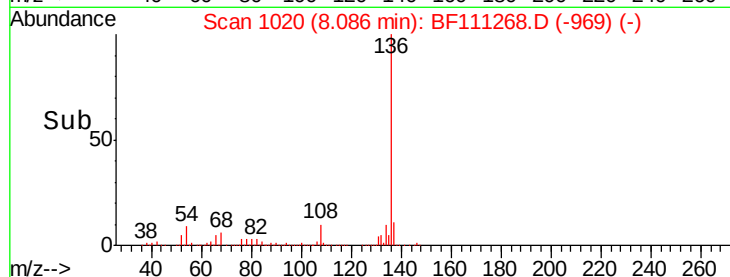
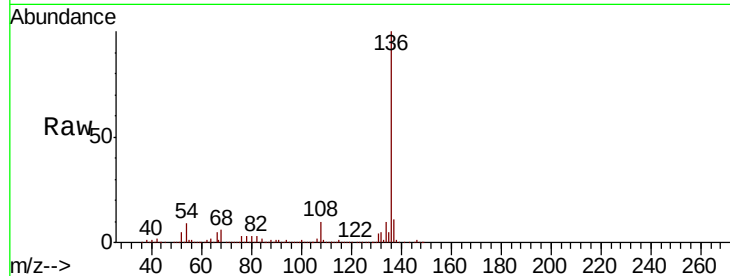




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF111268.D
Acq: 11 Dec 2018 3:10

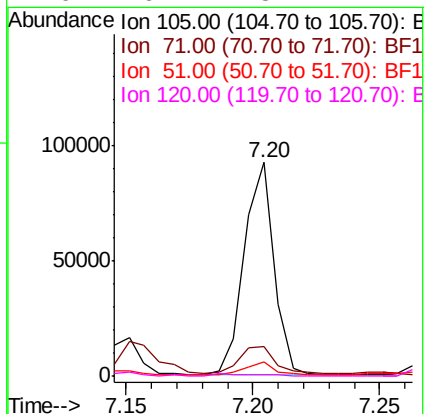
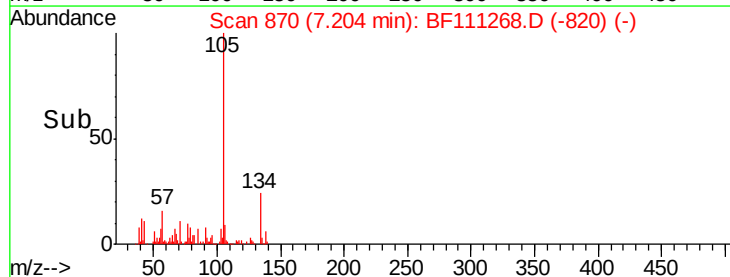
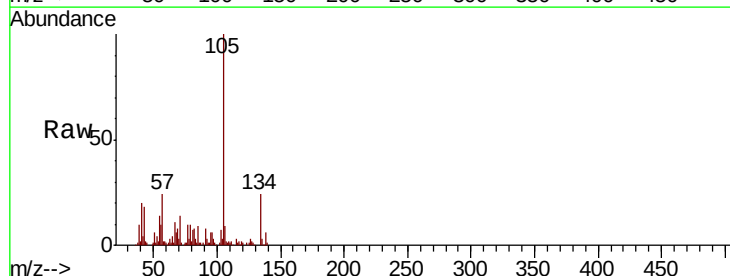
Instrument :
BNA_F
ClientSampleId :
OILY-WATER

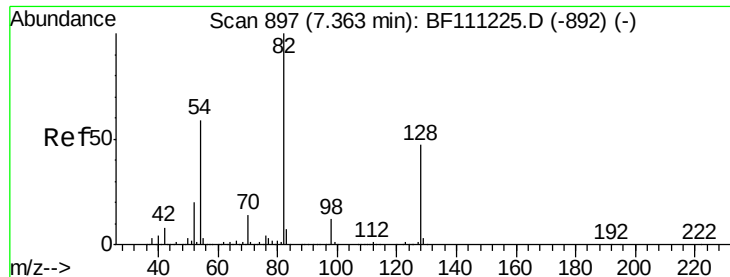
Tgt Ion:	136	Resp:	1276558
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	8.7	7.7	11.5
68	5.9	4.9	7.3



#22
Acetophenone
Concen: 2.570 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF111268.D
Acq: 11 Dec 2018 3:10

Tgt Ion:	105	Resp:	75073
Ion	Ratio	Lower	Upper
105	100		
71	14.0	3.1	4.7#
51	6.5	36.6	54.8#
120	0.7	18.2	27.4#

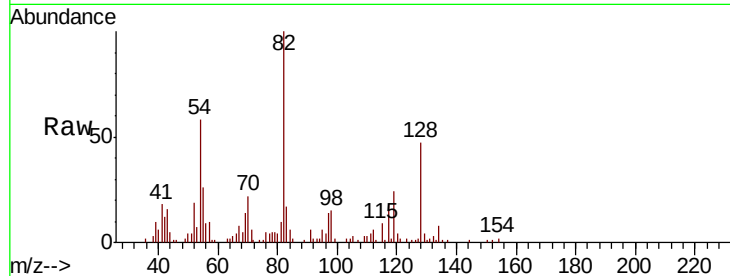




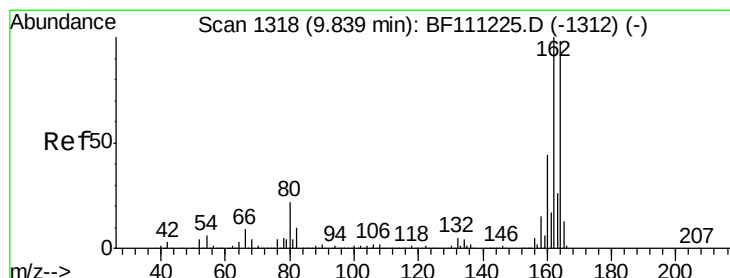
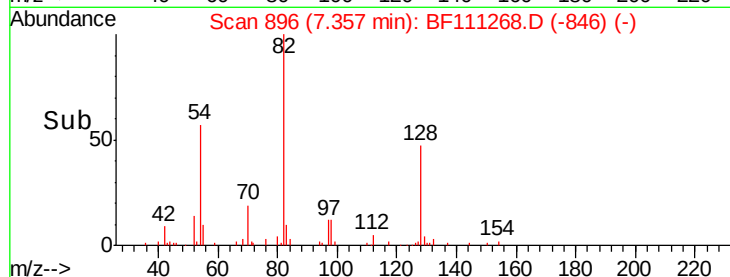
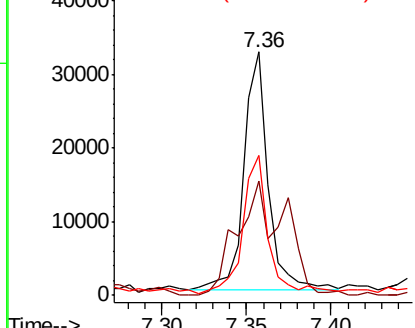
#23
 Nitrobenzene-d5
 Concen: 1.444 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF111268.D
 Acq: 11 Dec 2018 3:10

Instrument :
 BNA_F
 ClientSampleId :
 OILY-WATER

Tgt Ion: 82 Resp: 32864
 Ion Ratio Lower Upper
 82 100
 128 47.0 37.4 56.2
 54 57.6 47.6 71.4

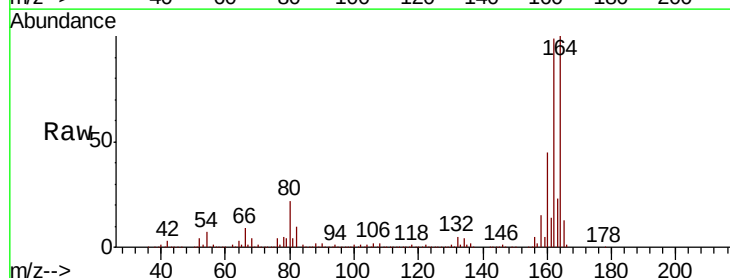


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

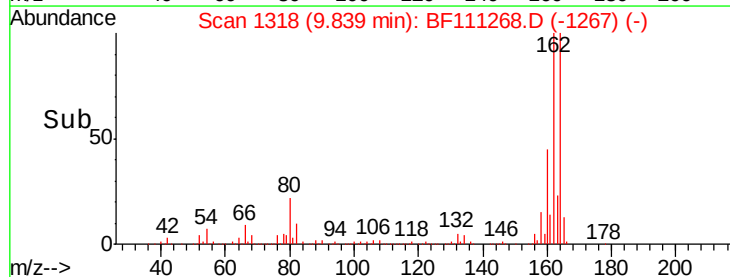
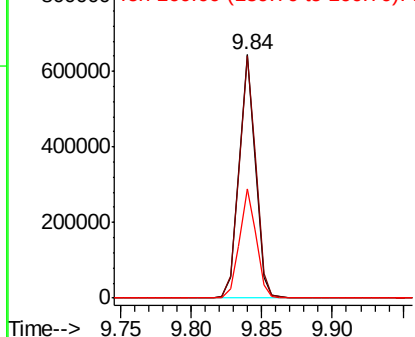


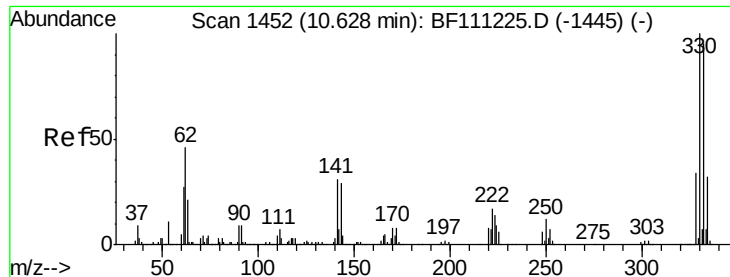
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.00 min
 Lab File: BF111268.D
 Acq: 11 Dec 2018 3:10

Tgt Ion: 164 Resp: 518368
 Ion Ratio Lower Upper
 164 100
 162 99.3 81.4 122.0
 160 44.9 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

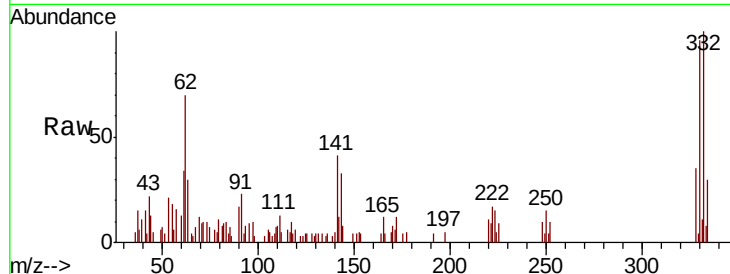




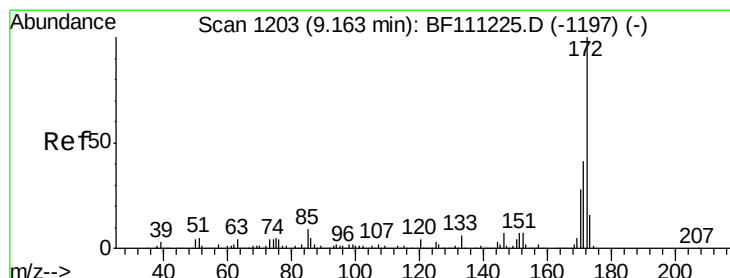
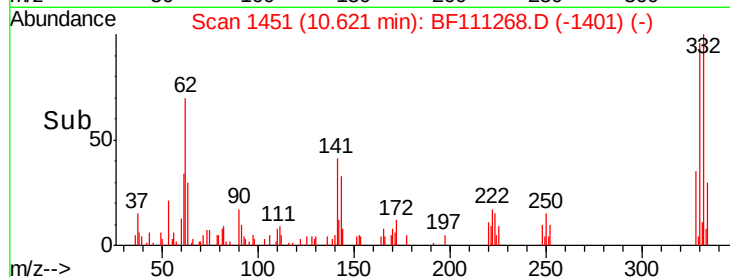
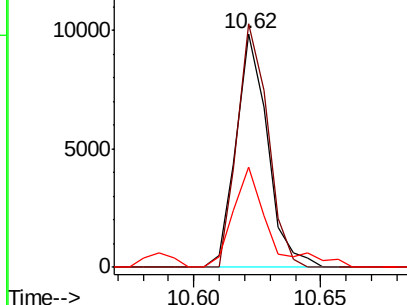
#42
 2,4,6-Tribromophenol
 Concen: 1.862 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF111268.D
 Acq: 11 Dec 2018 3:10

Instrument :
 BNA_F
 ClientSampled :
 OILY-WATER

Tgt Ion:330 Resp: 8548
 Ion Ratio Lower Upper
 330 100
 332 100.2 76.0 114.0
 141 47.5 31.0 46.6#

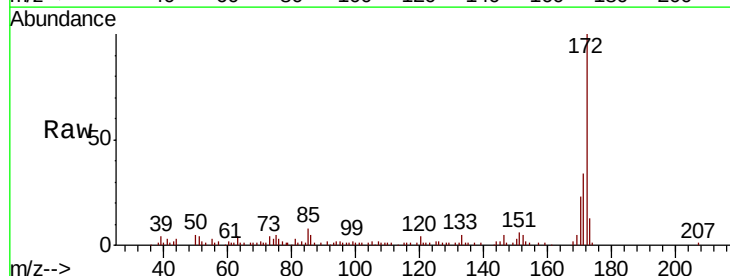


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

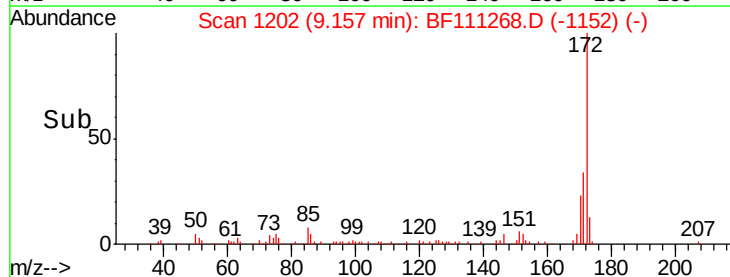
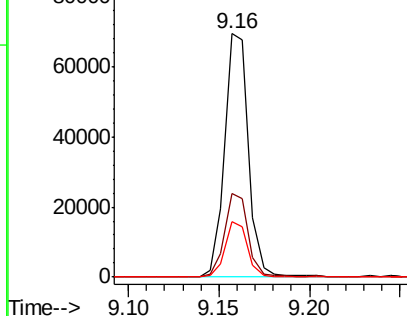


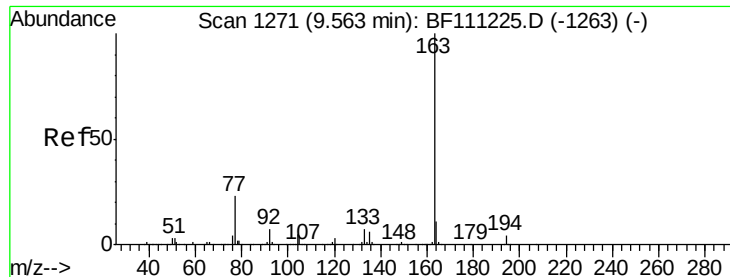
#45
 2-Fluorobiphenyl
 Concen: -1.000 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF111268.D
 Acq: 11 Dec 2018 3:10

Tgt Ion:172 Resp: 63865
 Ion Ratio Lower Upper
 172 100
 171 34.4 33.0 49.4
 170 22.7 22.3 33.5



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

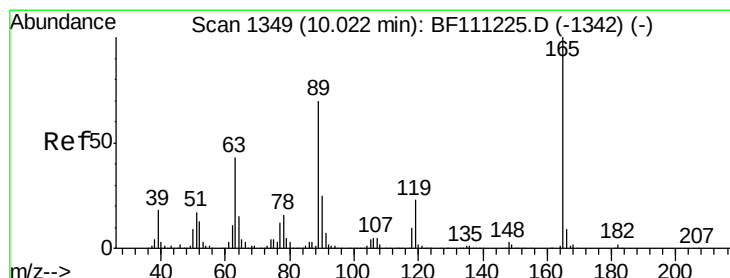
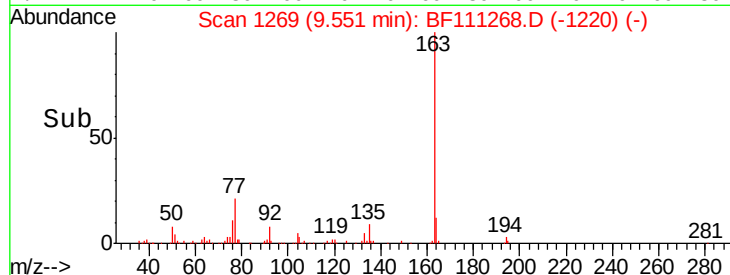
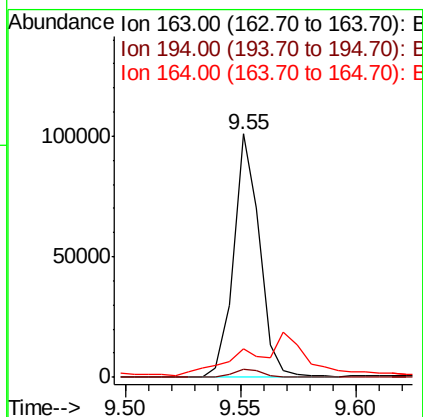
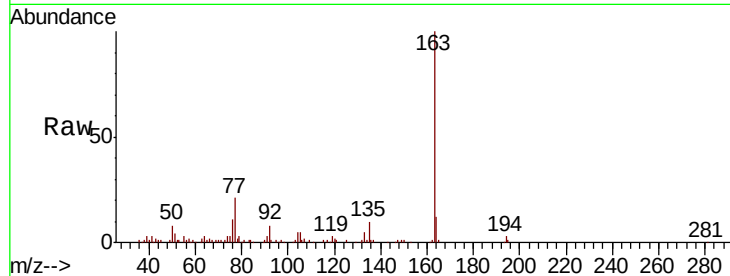




#50
Dimethylphthalate
Concen: 2.069 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF111268.D
Acq: 11 Dec 2018 3:10

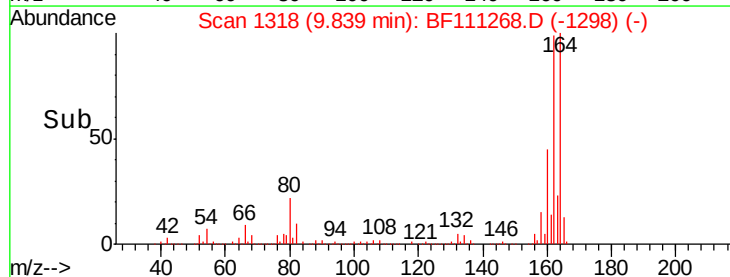
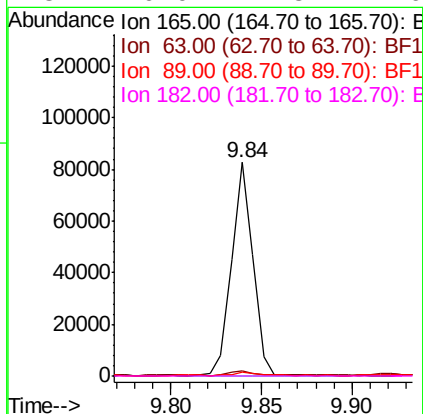
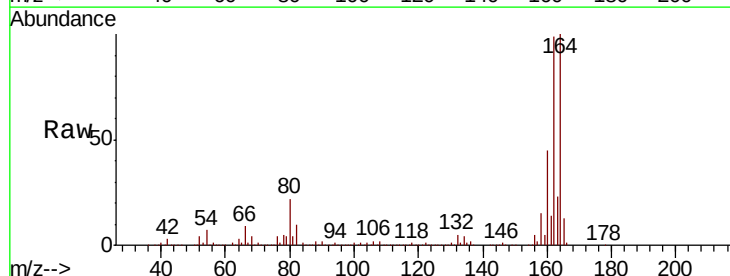
Instrument :
BNA_F
ClientSampleId :
OILY-WATER

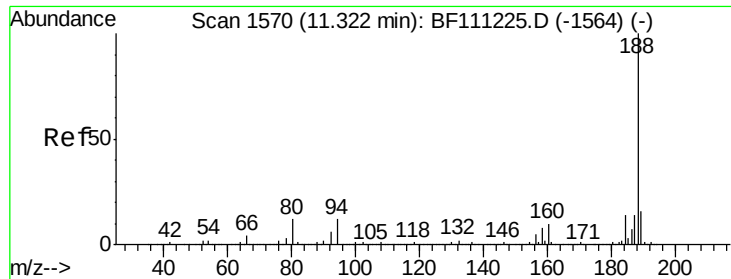
Tgt Ion:163 Resp: 79118
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.6
164 12.0 8.9 13.3



#57
2,4-Dinitrotoluene
Concen: 6.571 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.18 min
Lab File: BF111268.D
Acq: 11 Dec 2018 3:10

Tgt Ion:165 Resp: 68424
Ion Ratio Lower Upper
165 100
63 2.2 34.6 52.0#
89 1.8 56.2 84.4#
182 0.0 1.8 2.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. -0.00 min

Lab File: BF111268.D

Acq: 11 Dec 2018 3:10

Instrument :

BNA_F

ClientSampleId :

OILY-WATER

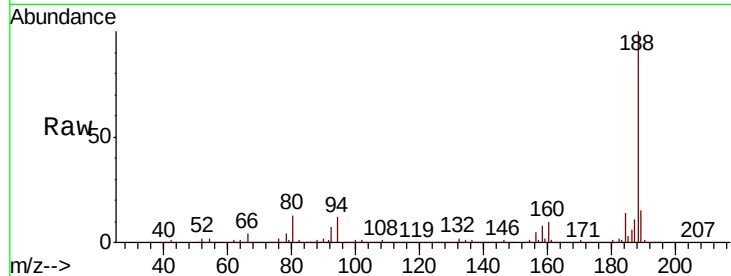
Tgt Ion:188 Resp: 860634

Ion Ratio Lower Upper

188 100

94 11.8 9.6 14.4

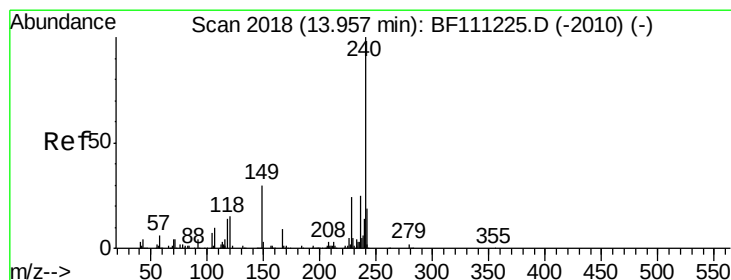
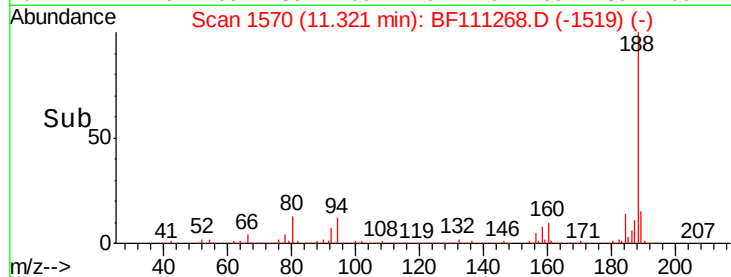
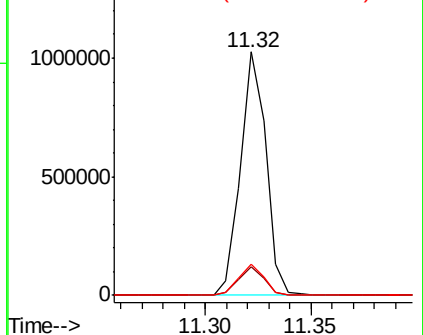
80 12.8 9.8 14.6



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: 13.96 min Scan# 2019

Delta R.T. 0.01 min

Lab File: BF111268.D

Acq: 11 Dec 2018 3:10

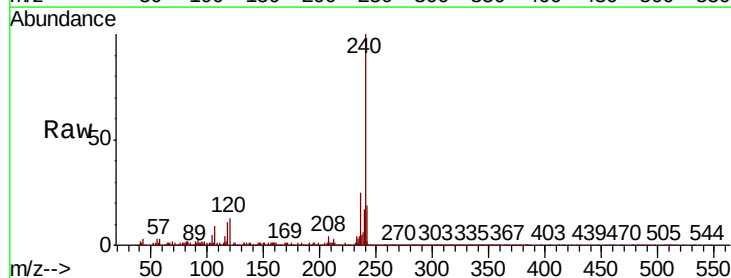
Tgt Ion:240 Resp: 567198

Ion Ratio Lower Upper

240 100

120 13.0 12.2 18.2

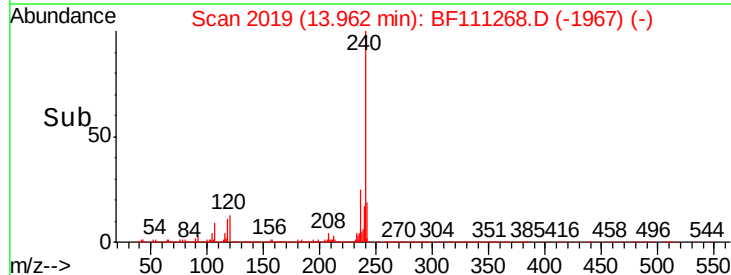
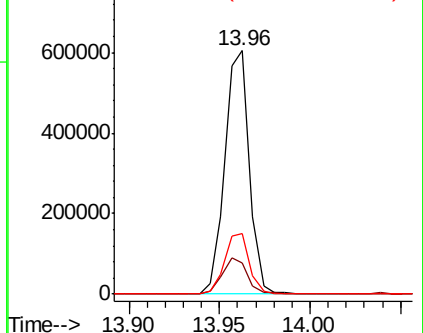
236 25.1 20.2 30.2

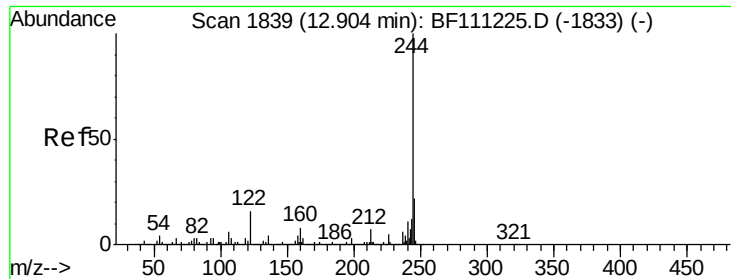


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 2.239 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.00 min

Lab File: BF111268.D

Acq: 11 Dec 2018 3:10

Instrument :

BNA_F

ClientSampleId :

OILY-WATER

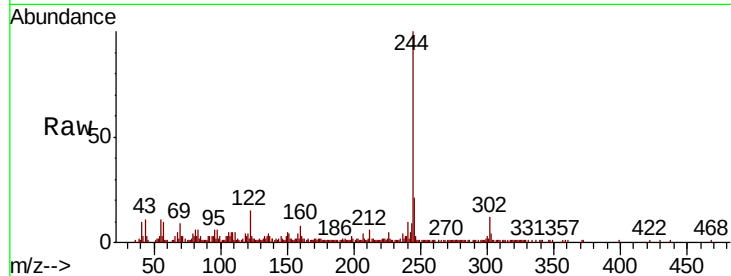
Tgt Ion:244 Resp: 52949

Ion Ratio Lower Upper

244 100

212 6.4 5.7 8.5

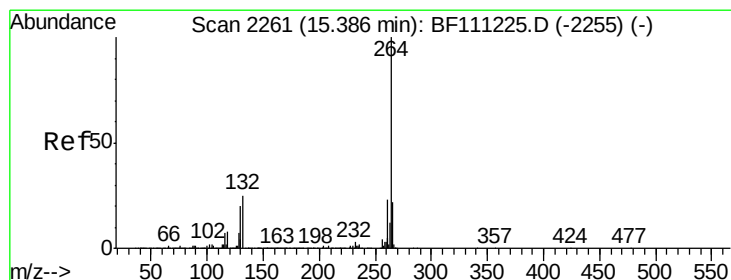
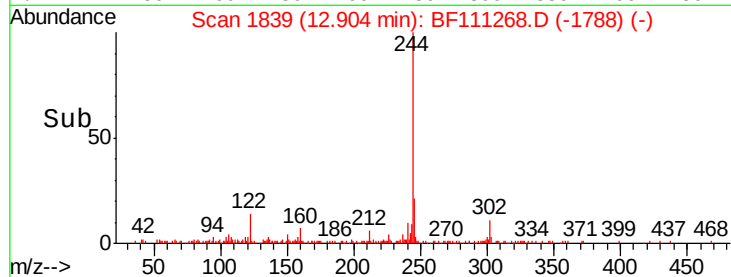
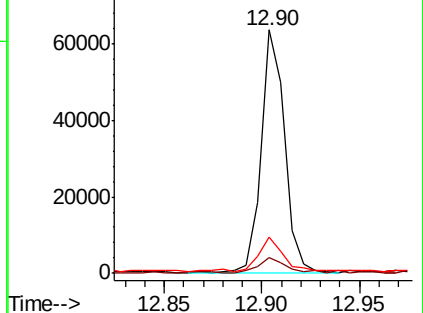
122 15.1 13.1 19.7



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.40 min Scan# 2264

Delta R.T. 0.02 min

Lab File: BF111268.D

Acq: 11 Dec 2018 3:10

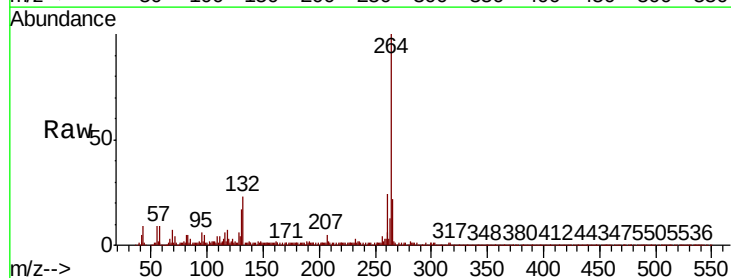
Tgt Ion:264 Resp: 446792

Ion Ratio Lower Upper

264 100

260 23.9 18.3 27.5

265 22.1 17.7 26.5



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

