

Data File : BF111483.D
Acq On : 15 Dec 2018 22:01
Operator : JU/SJ
Sample : J6373-10 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OILY-WATER

Quant Time: Dec 16 00:49:24 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

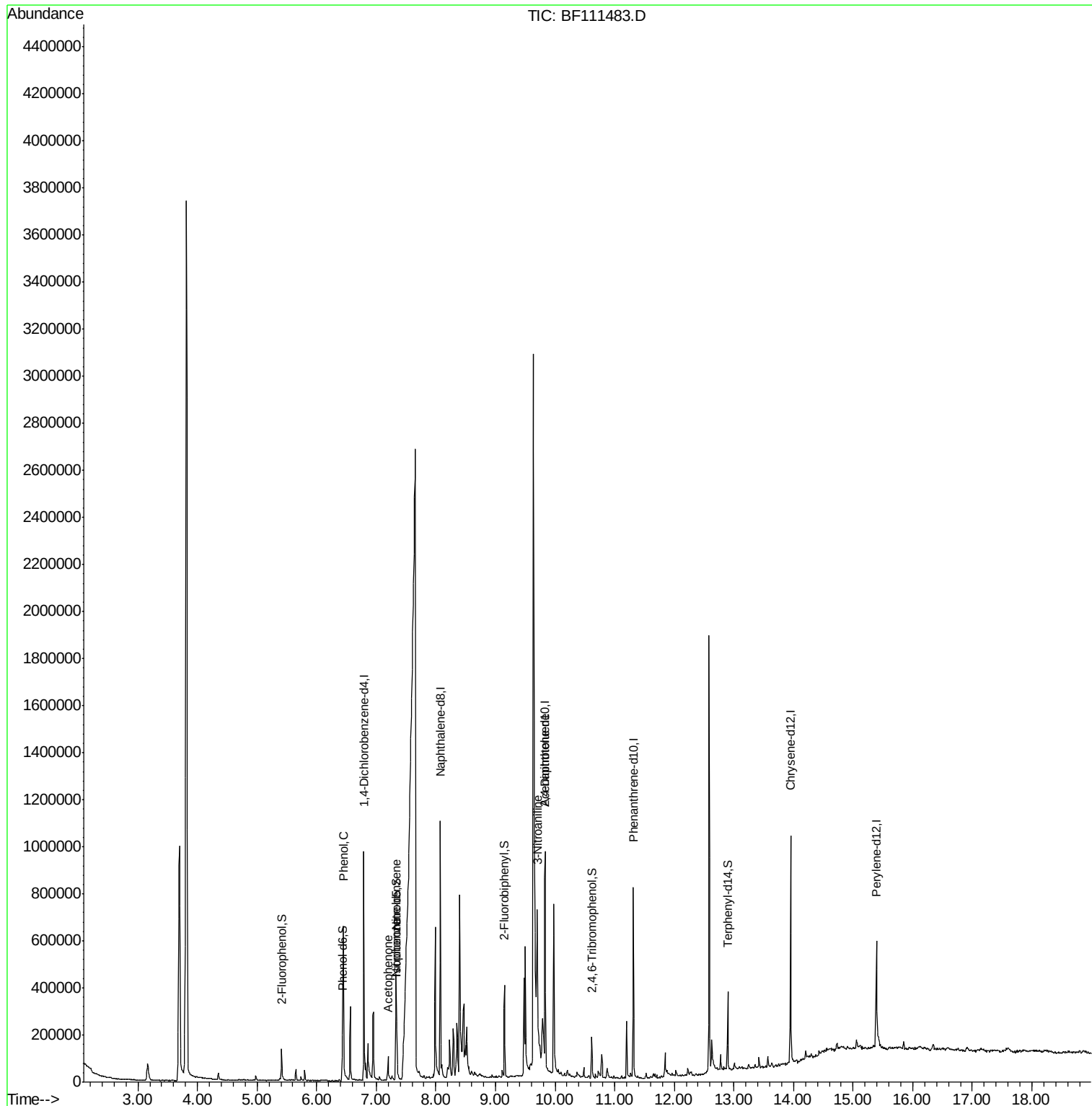
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	131276	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	462850	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	183411	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	322712	20.00	ng	0.00
76) Chrysene-d12	13.95	240	317093	20.00	ng	0.00
87) Perylene-d12	15.39	264	219996	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	42892	5.44	ng	0.00
7) Phenol-d6	6.43	99	32683	3.11	ng	-0.01
23) Nitrobenzene-d5	7.35	82	61978	7.97	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	18133	11.04	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	117654	9.91	ng	0.00
79) Terphenyl-d14	12.90	244	115509	8.55	ng	0.00
Target Compounds						
10) Phenol	6.45	94	233232	19.952	ng	Qvalue 90
22) Acetophenone	7.20	105	32162	3.113	ng	# 82
24) Nitrobenzene	7.33	77	18184	2.293	ng	# 47
25) Isophorone	7.35	82	61977	4.713	ng	# 64
53) 3-Nitroaniline	9.69	138	162896	45.107	ng	# 1
57) 2,4-Dinitrotoluene	9.83	165	22773	5.836	ng	# 25

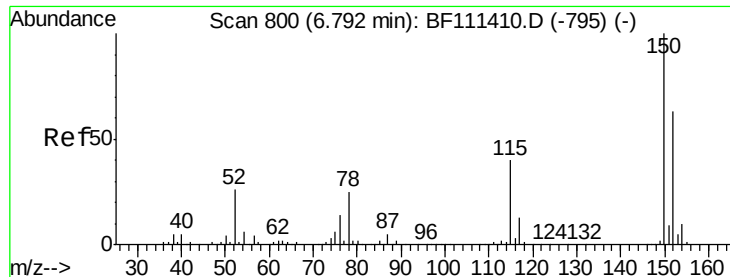
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 16 00:49:24 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
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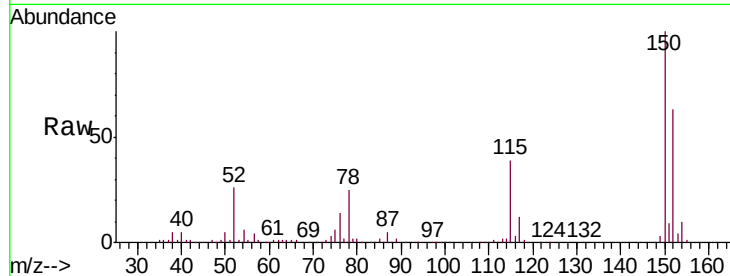


#1

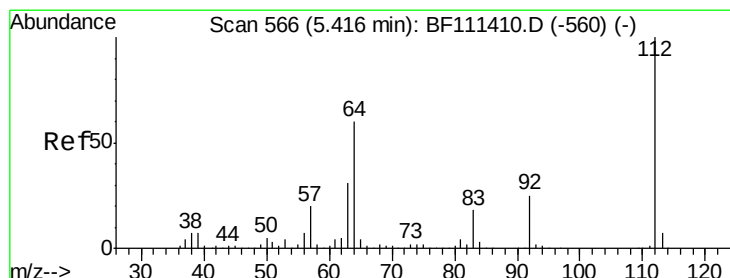
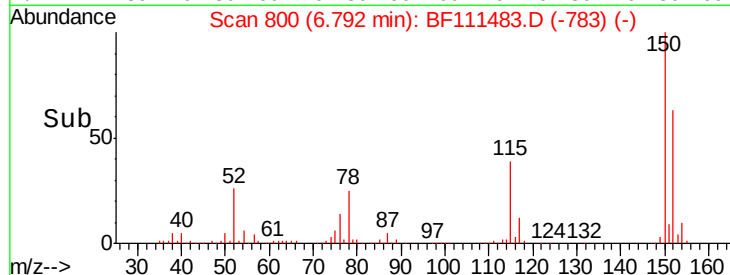
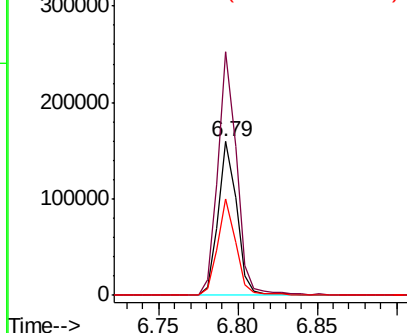
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF111483.D
 Acq: 15 Dec 2018 22:01

Instrument :
 BNA_F
 ClientSampleId :
 OILY-WATER

Tgt Ion:152 Resp: 131276
 Ion Ratio Lower Upper
 152 100
 150 158.7 126.6 189.8
 115 62.6 50.7 76.1



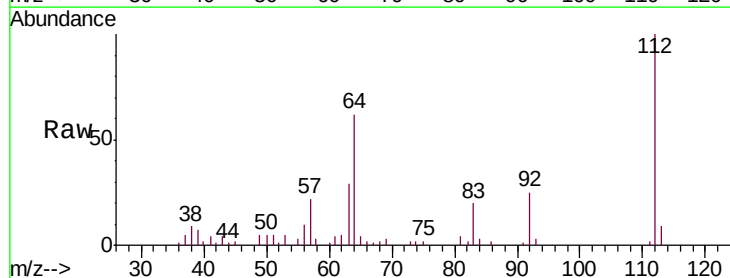
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



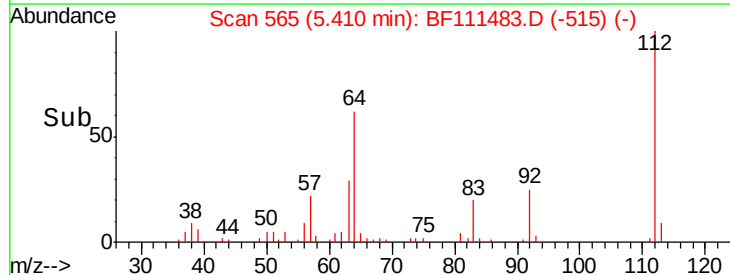
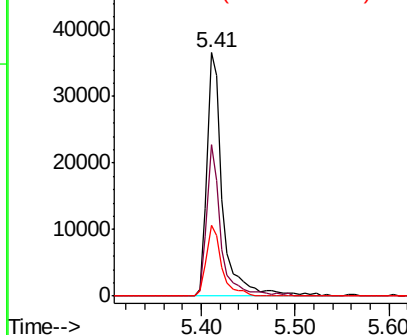
#5

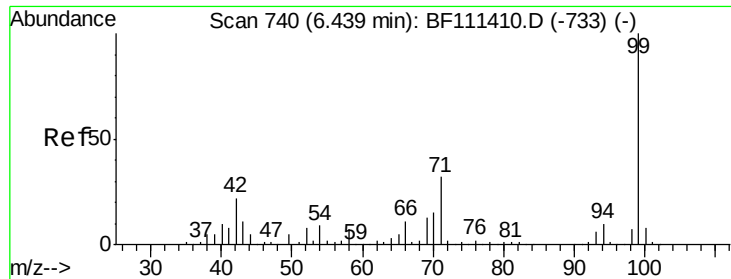
2-Fluorophenol
 Concen: 5.437 ng
 RT: 5.41 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: BF111483.D
 Acq: 15 Dec 2018 22:01

Tgt Ion:112 Resp: 42892
 Ion Ratio Lower Upper
 112 100
 64 62.2 51.8 77.6
 63 28.9 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: 3.115 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF111483.D

Acq: 15 Dec 2018 22:01

Instrument :

BNA_F

ClientSampleId :

OILY-WATER

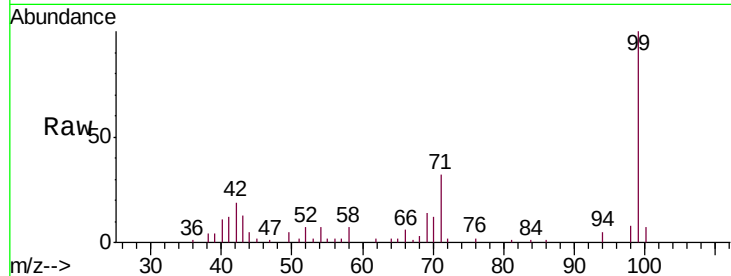
Tgt Ion: 99 Resp: 32683

Ion Ratio Lower Upper

99 100

42 19.1 17.4 26.0

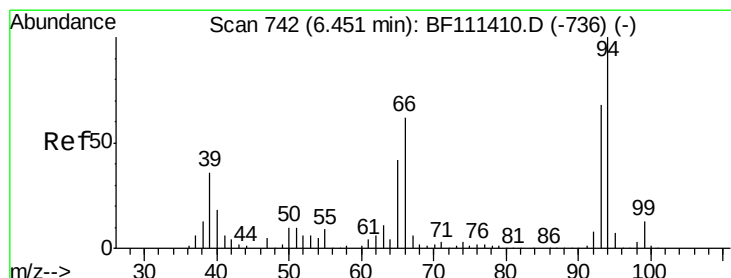
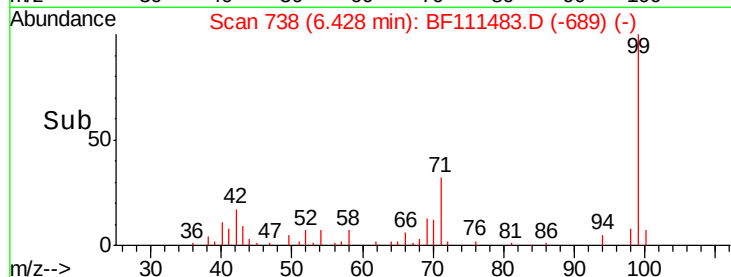
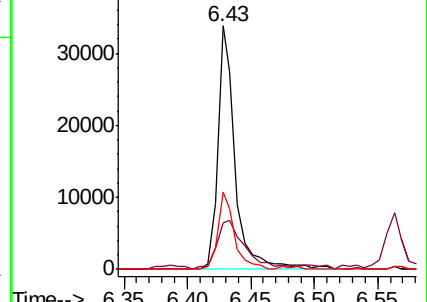
71 31.6 26.1 39.1



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: 19.952 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF111483.D

Acq: 15 Dec 2018 22:01

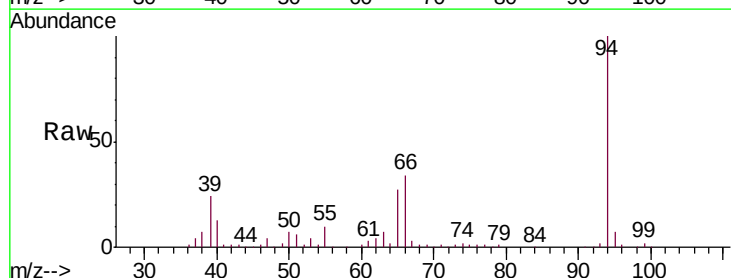
Tgt Ion: 94 Resp: 233232

Ion Ratio Lower Upper

94 100

65 26.6 11.7 51.7

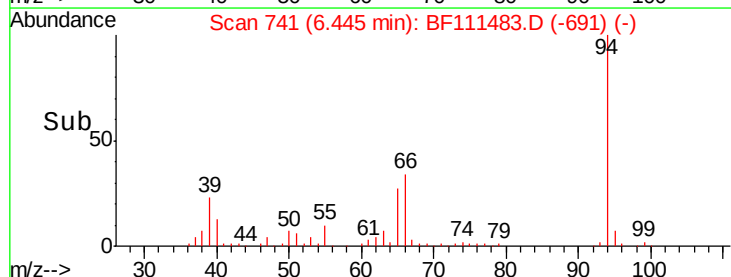
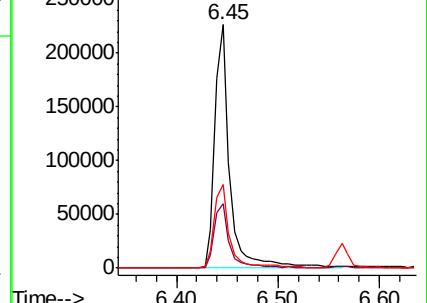
66 34.5 21.0 61.0

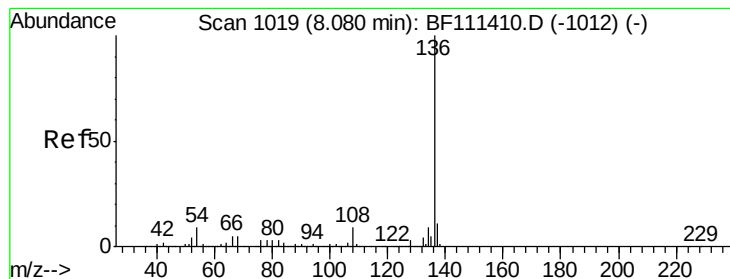


Abundance Ion 94.00 (93.70 to 94.70): BF1

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# 1018

Delta R.T. -0.01 min

Lab File: BF111483.D

Acq: 15 Dec 2018 22:01

Instrument :

BNA_F

ClientSampleId :

OILY-WATER

Tgt Ion:136 Resp: 462850

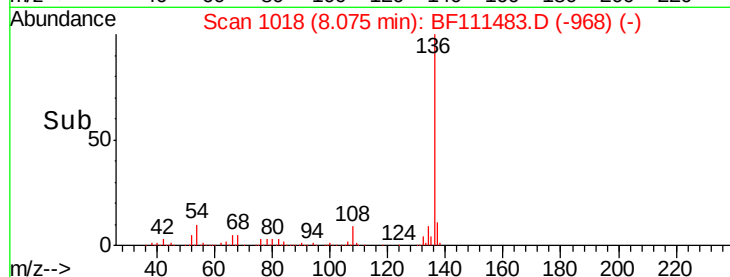
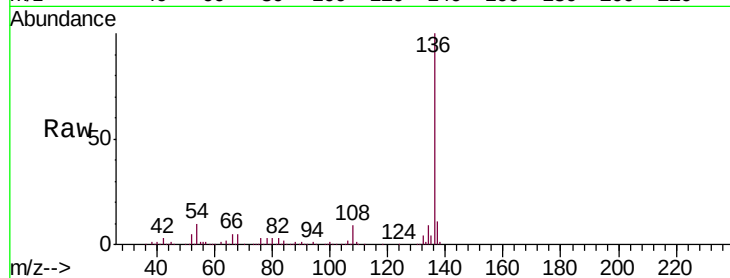
Ion Ratio Lower Upper

136 100

137 10.6 9.1 13.7

54 9.6 7.7 11.5

68 5.0 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

8.07

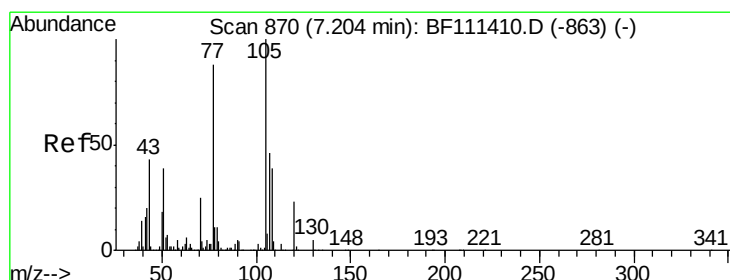
600000

400000

200000

0

Time-->



#22

Acetophenone

Concen: 3.113 ng

RT: 7.20 min Scan# 869

Delta R.T. -0.01 min

Lab File: BF111483.D

Acq: 15 Dec 2018 22:01

Tgt Ion:105 Resp: 32162

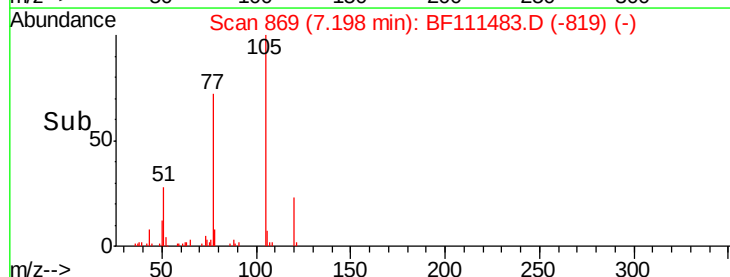
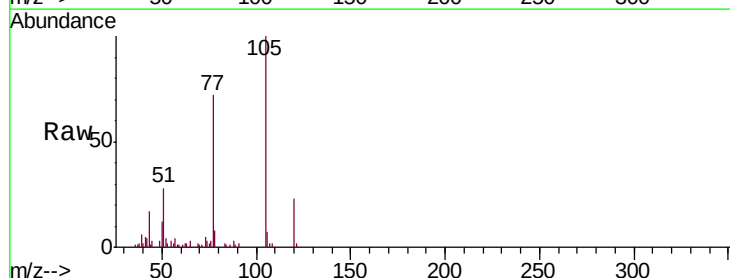
Ion Ratio Lower Upper

105 100

71 1.0 3.1 4.7#

51 27.8 36.6 54.8#

120 23.0 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

7.20

40000

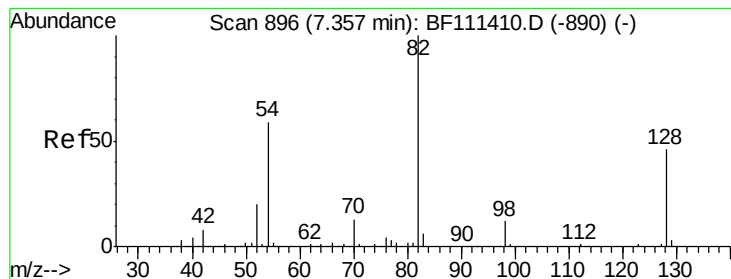
30000

20000

10000

0

Time-->



#23

Nitrobenzene-d5

Concen: 7.974 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.01 min

Lab File: BF111483.D

Acq: 15 Dec 2018 22:01

Instrument :

BNA_F

ClientSampleId :

OILY-WATER

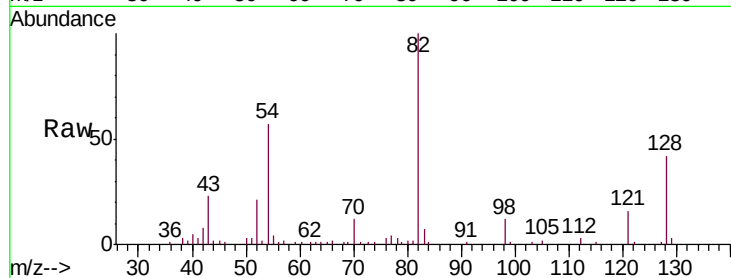
Tgt Ion: 82 Resp: 61978

Ion Ratio Lower Upper

82 100

128 41.7 37.4 56.2

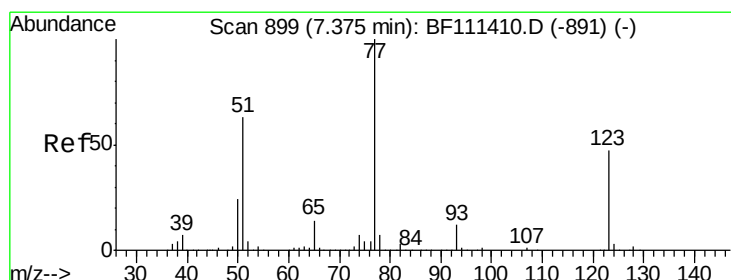
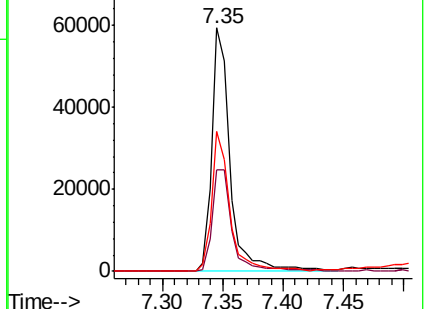
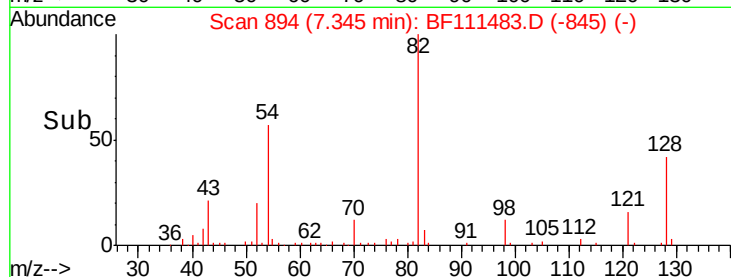
54 57.5 47.6 71.4



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: 2.293 ng

RT: 7.33 min Scan# 892

Delta R.T. -0.04 min

Lab File: BF111483.D

Acq: 15 Dec 2018 22:01

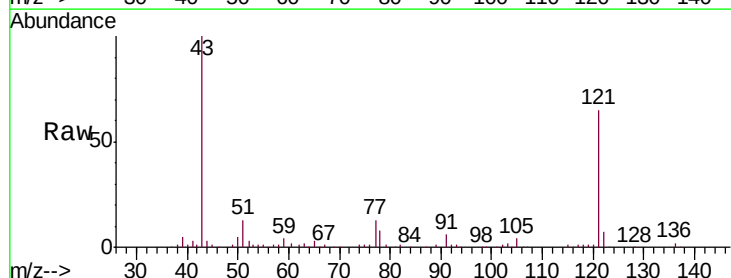
Tgt Ion: 77 Resp: 18184

Ion Ratio Lower Upper

77 100

123 2.9 37.2 55.8#

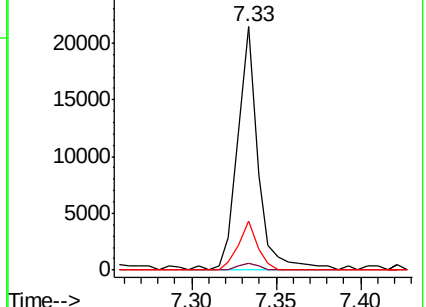
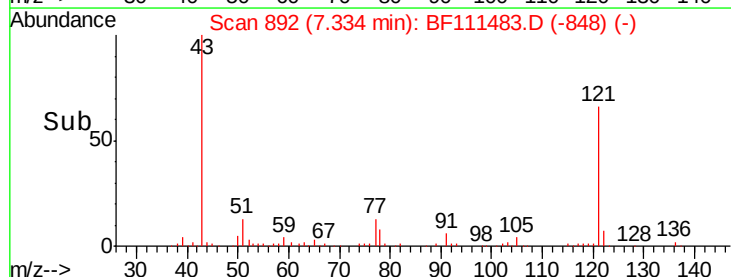
65 20.0 11.5 17.3#

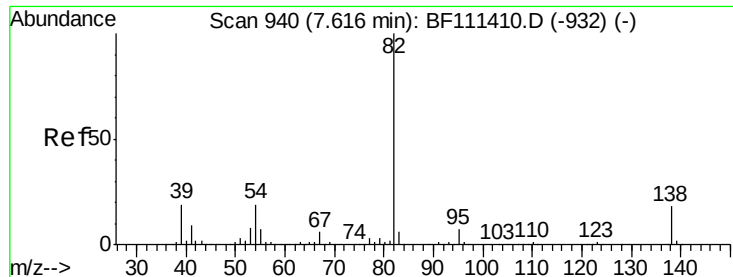


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 4.713 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.27 min

Lab File: BF111483.D

Acq: 15 Dec 2018 22:01

Instrument :

BNA_F

ClientSampleId :

OILY-WATER

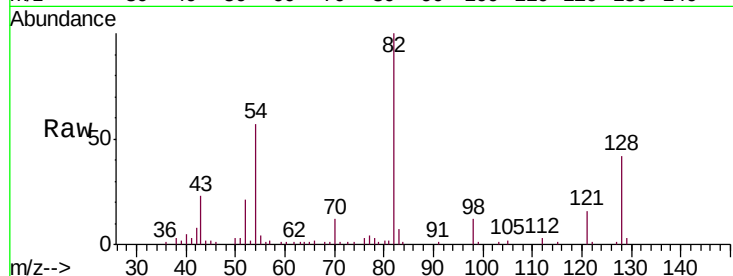
Tgt Ion: 82 Resp: 61977

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

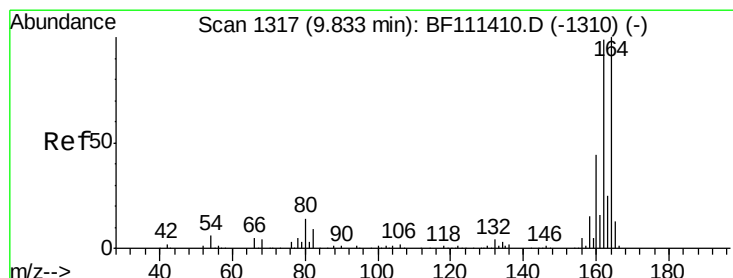
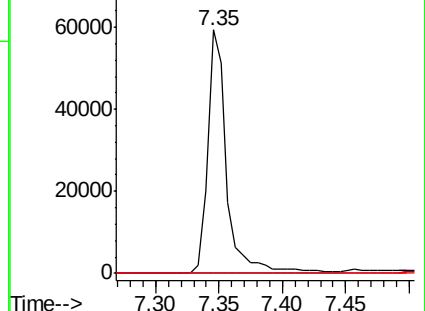
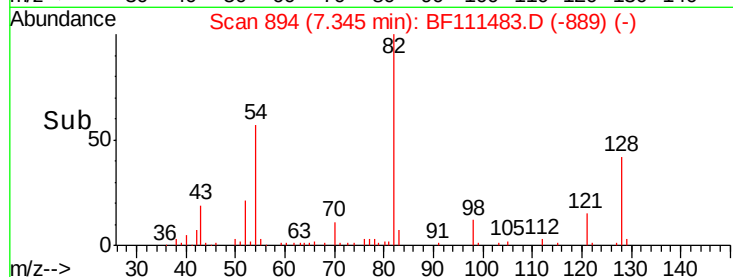
138 0.0 15.1 22.7#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. 0.00 min

Lab File: BF111483.D

Acq: 15 Dec 2018 22:01

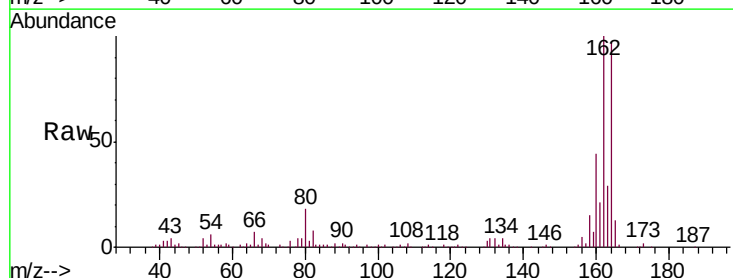
Tgt Ion: 164 Resp: 183411

Ion Ratio Lower Upper

164 100

162 102.9 81.4 122.0

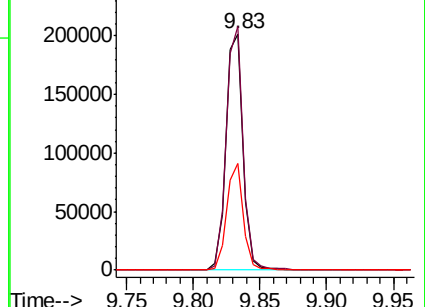
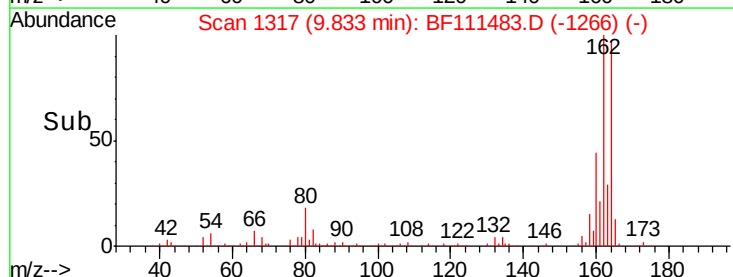
160 45.1 35.7 53.5

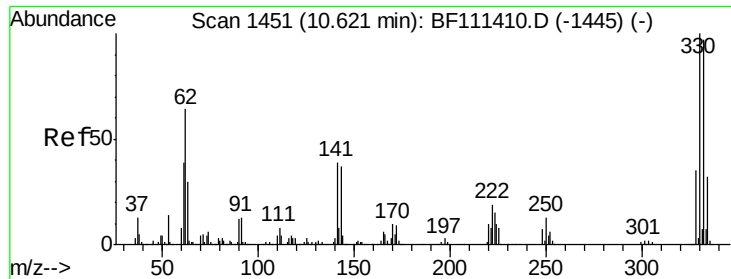


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 11.037 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BF111483.D

Acq: 15 Dec 2018 22:01

Instrument :

BNA_F

ClientSampleId :

OILY-WATER

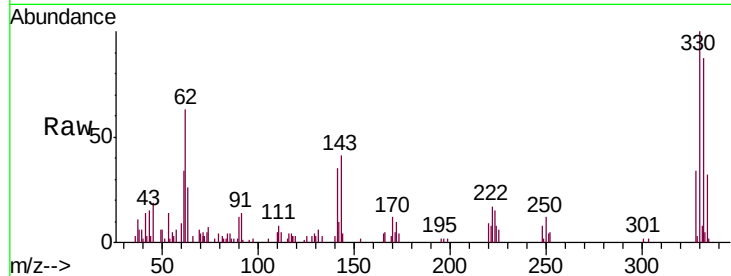
Tgt Ion:330 Resp: 18133

Ion Ratio Lower Upper

330 100

332 91.6 76.0 114.0

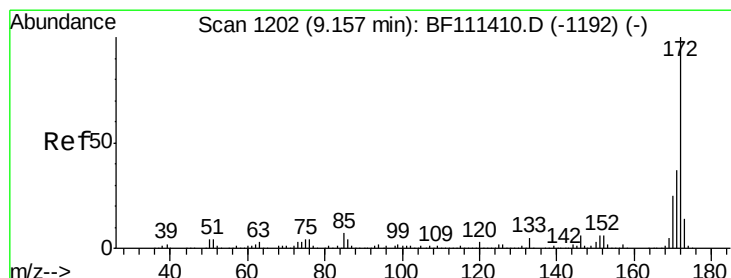
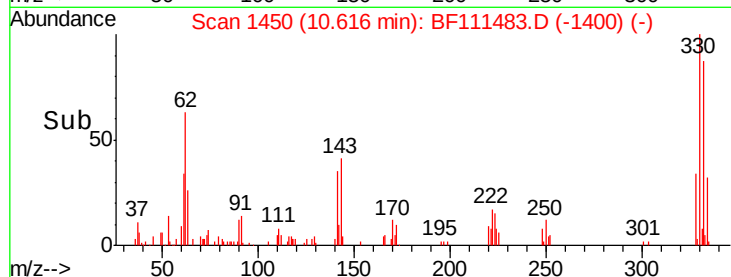
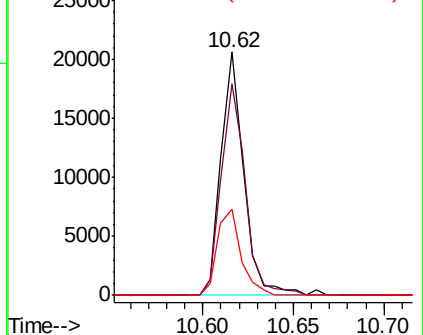
141 36.6 31.0 46.6



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: 9.909 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BF111483.D

Acq: 15 Dec 2018 22:01

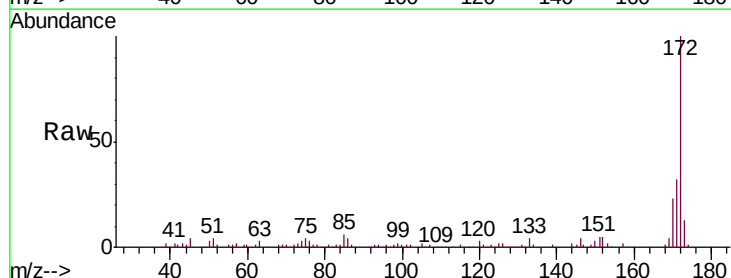
Tgt Ion:172 Resp: 117654

Ion Ratio Lower Upper

172 100

171 32.1 33.0 49.4#

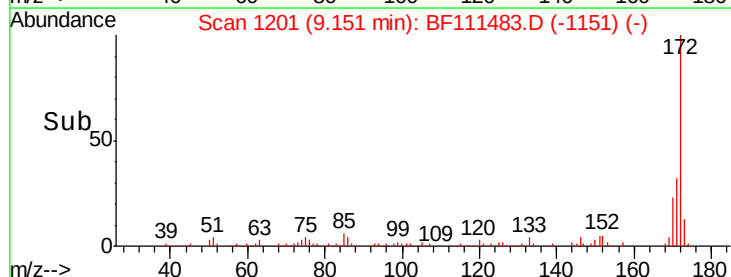
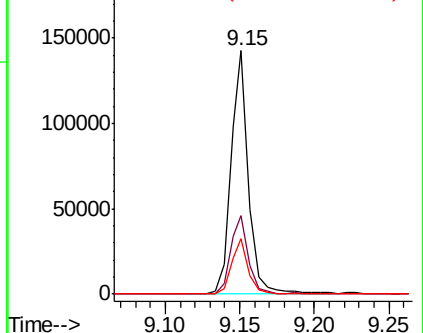
170 22.6 22.3 33.5

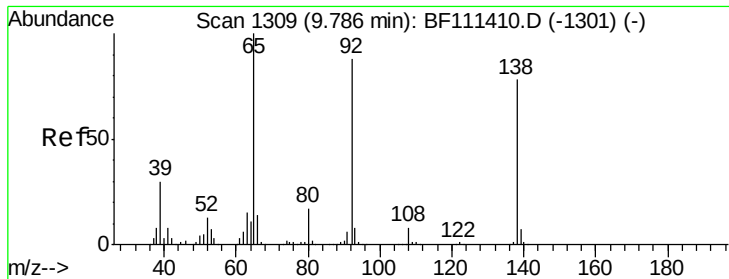


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

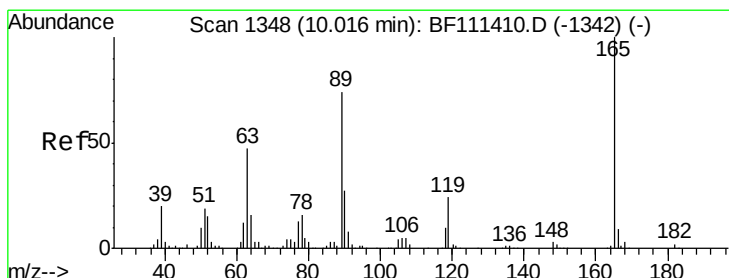
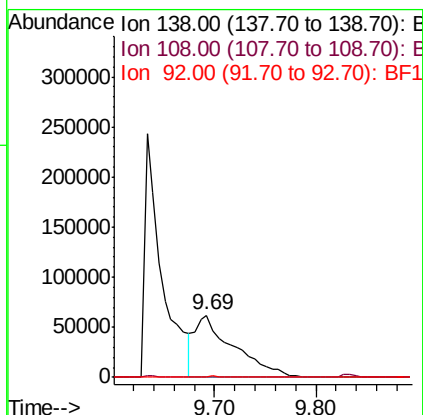
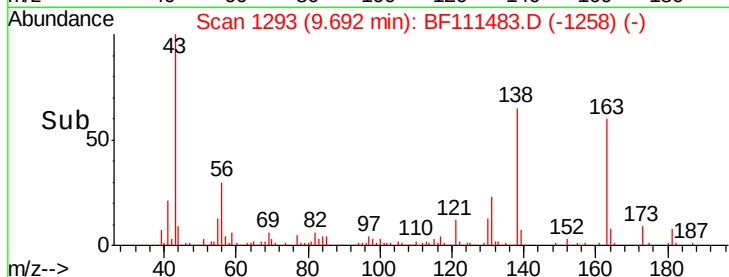
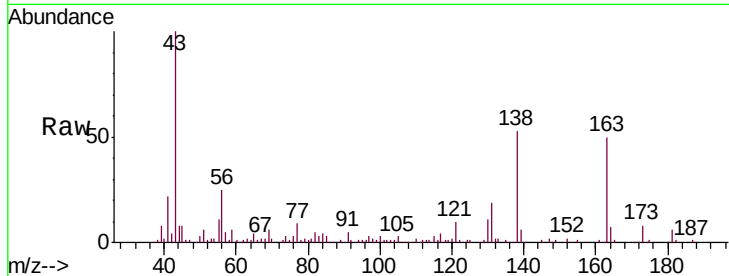




#53
3-Nitroaniline
Concen: 45.107 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.09 min
Lab File: BF111483.D
Acq: 15 Dec 2018 22:01

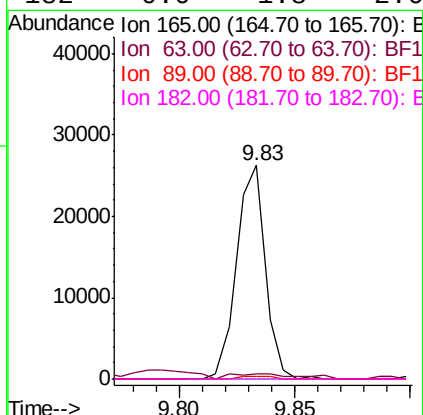
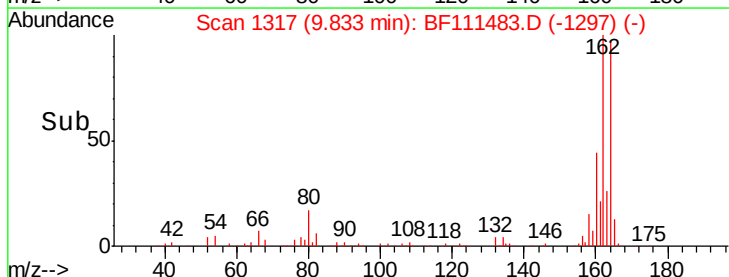
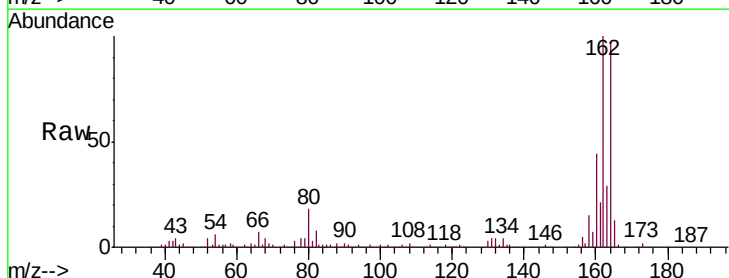
Instrument :
BNA_F
ClientSampleId :
OILY-WATER

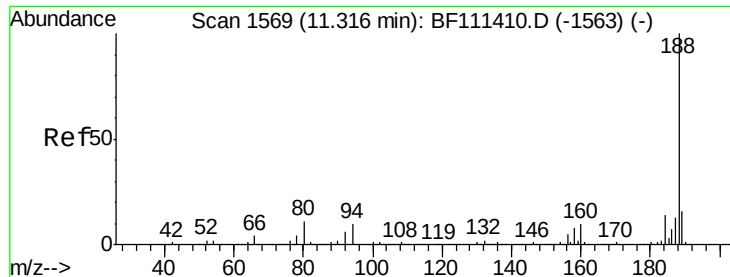
Tgt Ion:138 Resp: 162896
Ion Ratio Lower Upper
138 100
108 0.6 8.2 12.4#
92 1.3 93.4 140.2#



#57
2,4-Dinitrotoluene
Concen: 5.836 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.18 min
Lab File: BF111483.D
Acq: 15 Dec 2018 22:01

Tgt Ion:165 Resp: 22773
Ion Ratio Lower Upper
165 100
63 2.4 34.6 52.0#
89 1.4 56.2 84.4#
182 0.0 1.8 2.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1569

Delta R.T. 0.00 min

Lab File: BF111483.D

Acq: 15 Dec 2018 22:01

Instrument :

BNA_F

ClientSampleId :

OILY-WATER

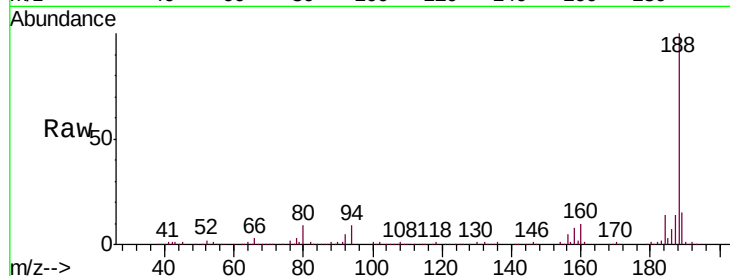
Tgt Ion:188 Resp: 322712

Ion Ratio Lower Upper

188 100

94 8.7 9.6 14.4#

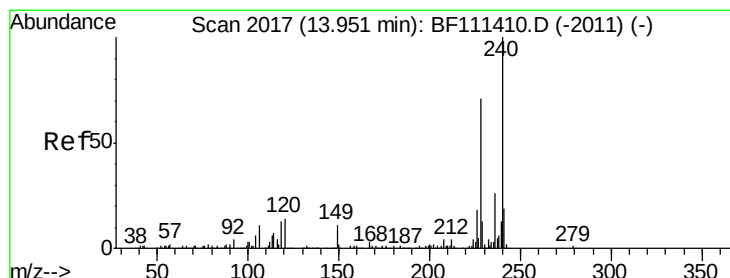
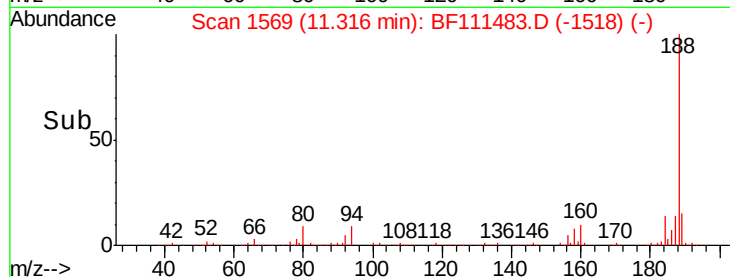
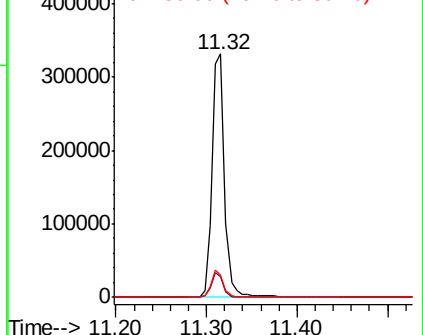
80 8.9 9.8 14.6#



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: 13.95 min Scan# 1717

Delta R.T. 0.00 min

Lab File: BF111483.D

Acq: 15 Dec 2018 22:01

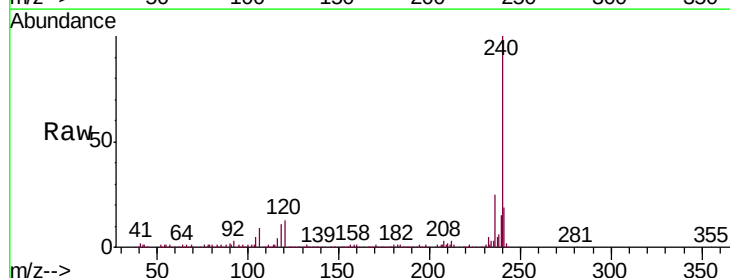
Tgt Ion:240 Resp: 317093

Ion Ratio Lower Upper

240 100

120 12.5 12.2 18.2

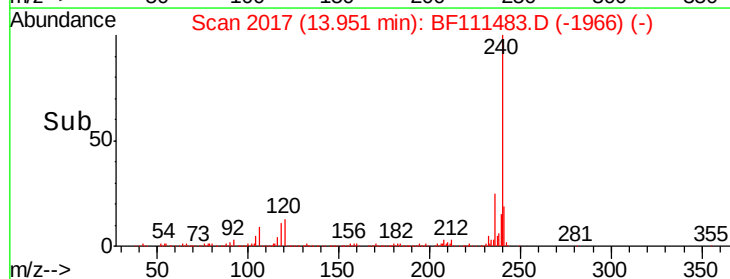
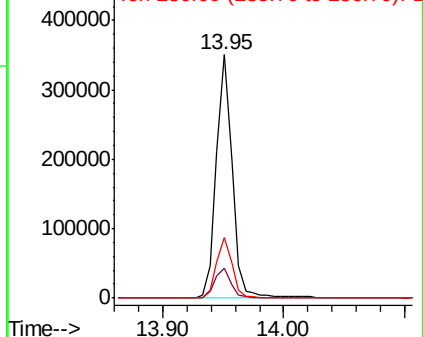
236 24.9 20.2 30.2

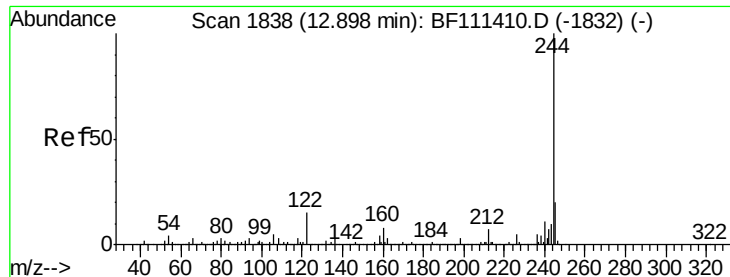


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 8.554 ng

RT: 12.90 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF111483.D

Acq: 15 Dec 2018 22:01

Instrument :

BNA_F

ClientSampleId :

OILY-WATER

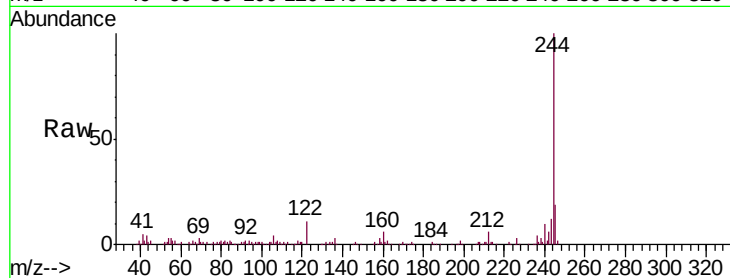
Tgt Ion:244 Resp: 115509

Ion Ratio Lower Upper

244 100

212 5.6 5.7 8.5#

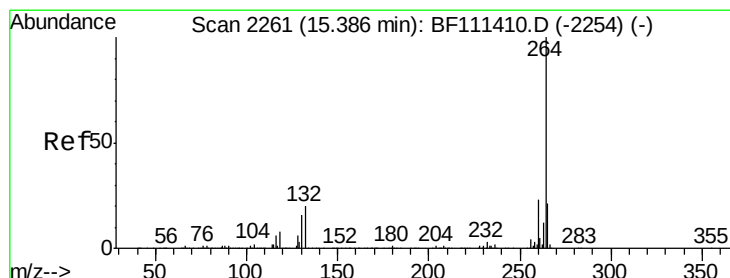
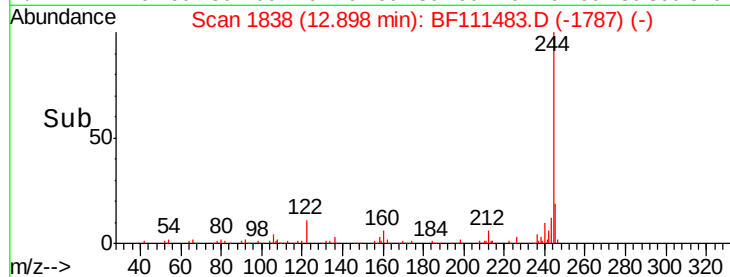
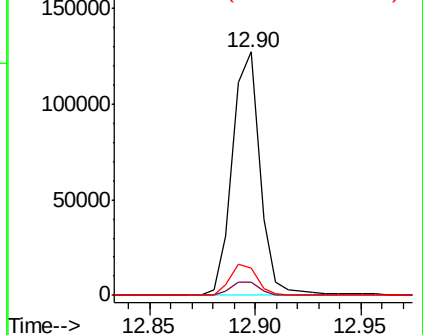
122 11.1 13.1 19.7#



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: 15.39 min Scan# 2262

Delta R.T. 0.01 min

Lab File: BF111483.D

Acq: 15 Dec 2018 22:01

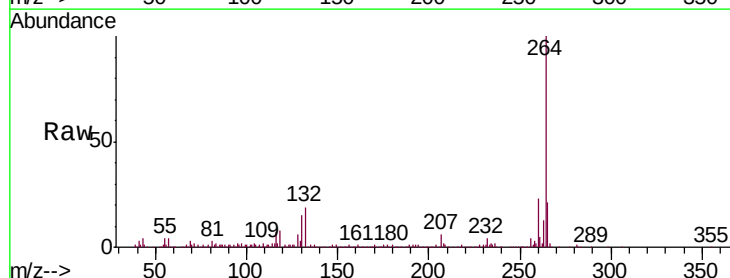
Tgt Ion:264 Resp: 219996

Ion Ratio Lower Upper

264 100

260 22.7 18.3 27.5

265 21.1 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

