

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121918\
 Data File : BF111623.D
 Acq On : 20 Dec 2018 6:26
 Operator : JU/SJ
 Sample : J6472-03 20X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OILY-WATER

Quant Time: Dec 20 07:37:39 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

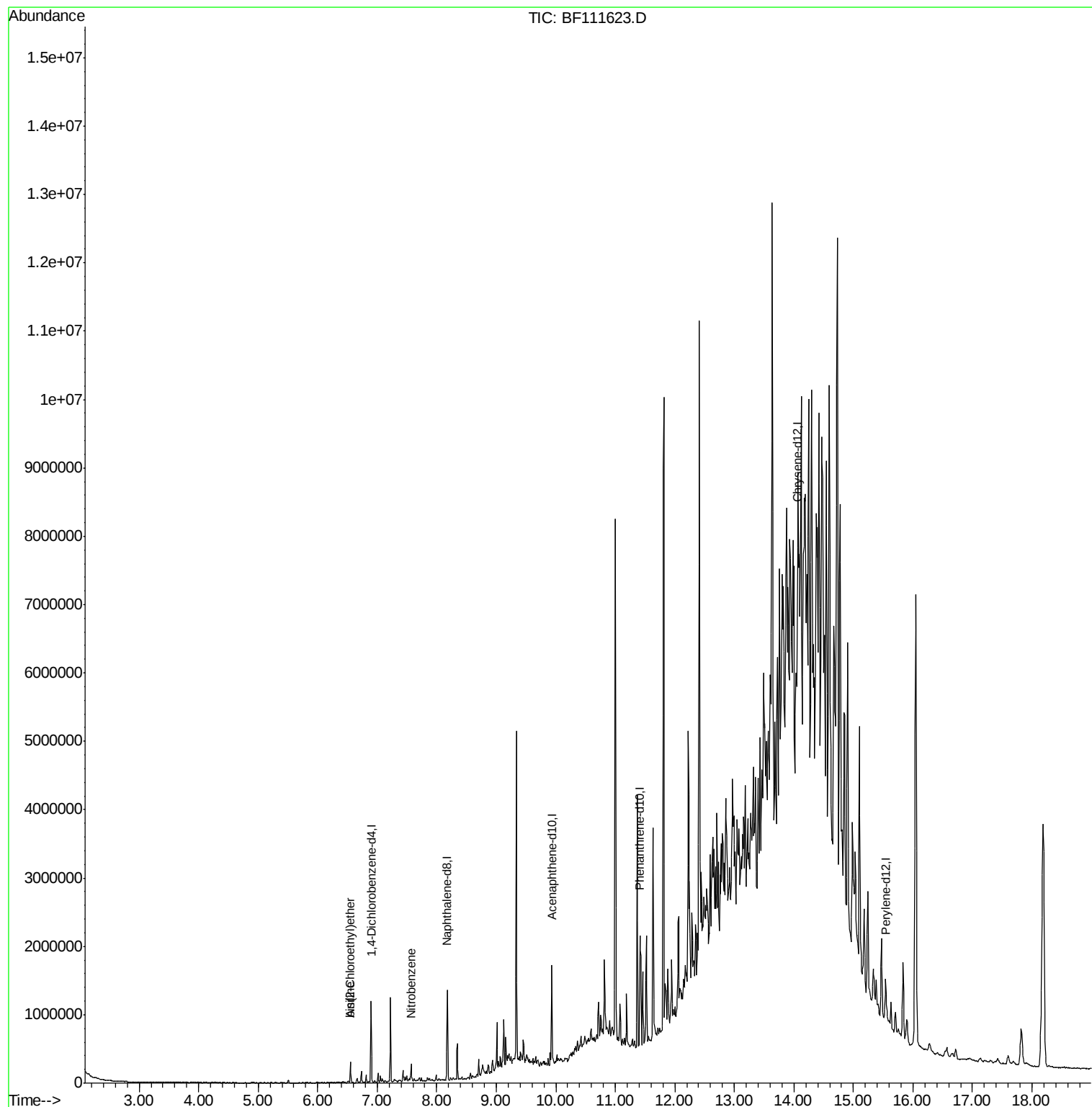
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	158595	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	567038	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	262567	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	474113	20.00	ng	0.00
76) Chrysene-d12	14.06	240	361010	20.00	ng	0.00
87) Perylene-d12	15.54	264	302334	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	7035	0.76	ng	0.00
7) Phenol-d6	6.51	99	6400	0.54	ng	-0.01
23) Nitrobenzene-d5	7.45	82	12433	1.28	ng	-0.01
42) 2,4,6-Tribromophenol	10.72	330	4099	1.32	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	32637	1.81	ng	0.00
79) Terphenyl-d14	13.00	244	32578	1.71	ng	0.00
Target Compounds						
6) Aniline	6.55	93	87752	5.814	ng	98
11) bis(2-Chloroethyl)ether	6.55	93	87752	8.765	ng	# 23
24) Nitrobenzene	7.57	77	49046	4.804	ng	# 41

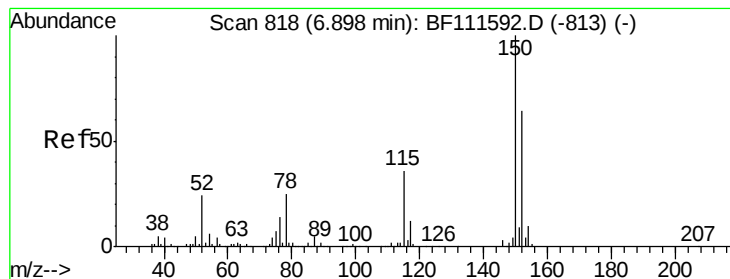
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.90 min Scan# 818

Delta R.T. -0.00 min

Lab File: BF111623.D

Acq: 20 Dec 2018 6:26

Instrument :

BNA_F

ClientSampleId :

OILY-WATER

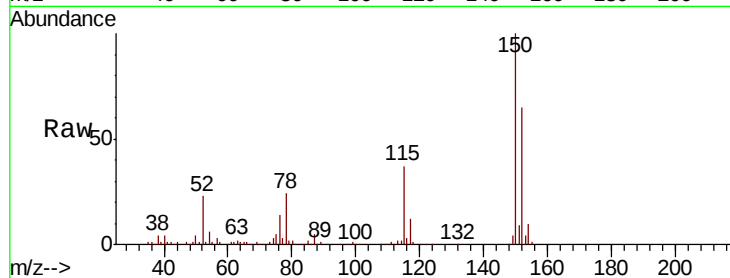
Tgt Ion:152 Resp: 158595

Ion Ratio Lower Upper

152 100

150 154.4 126.6 189.8

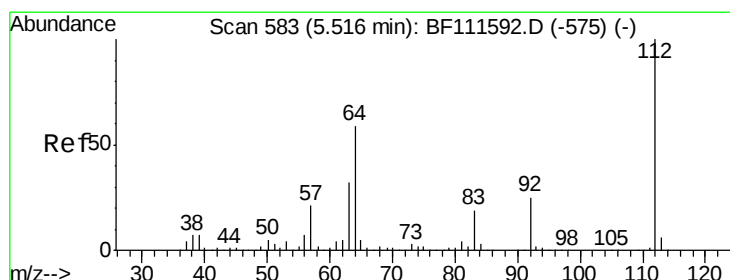
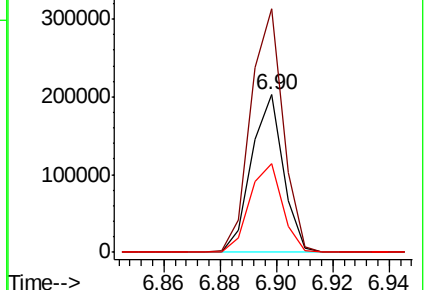
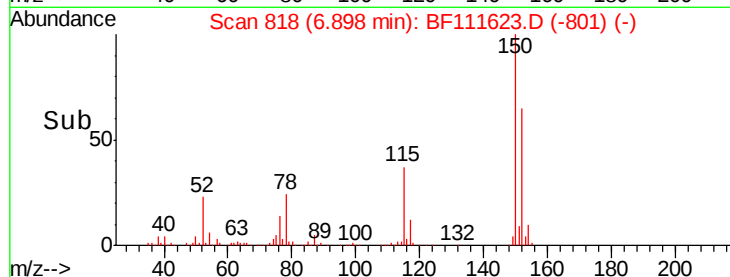
115 56.6 50.7 76.1



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: 0.756 ng

RT: 5.51 min Scan# 582

Delta R.T. -0.01 min

Lab File: BF111623.D

Acq: 20 Dec 2018 6:26

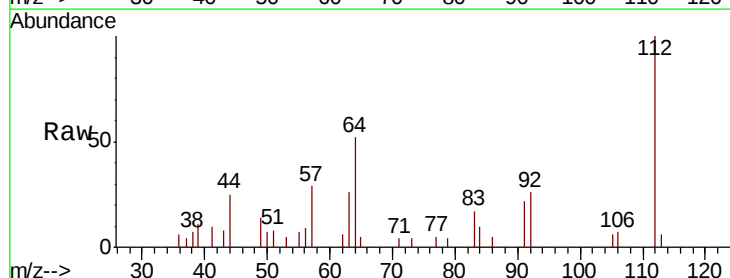
Tgt Ion:112 Resp: 7035

Ion Ratio Lower Upper

112 100

64 51.7 51.8 77.6#

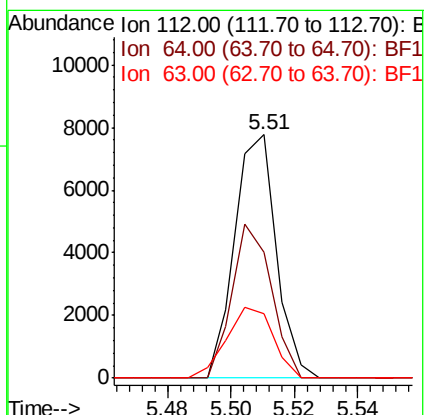
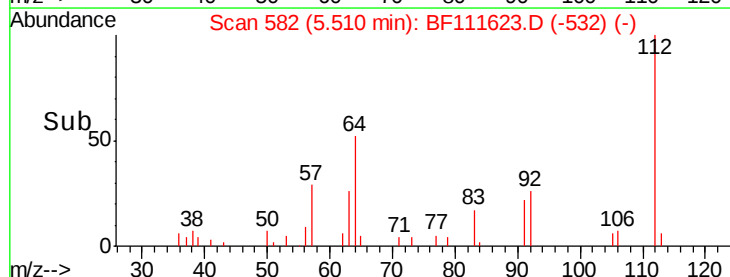
63 26.5 26.8 40.2#

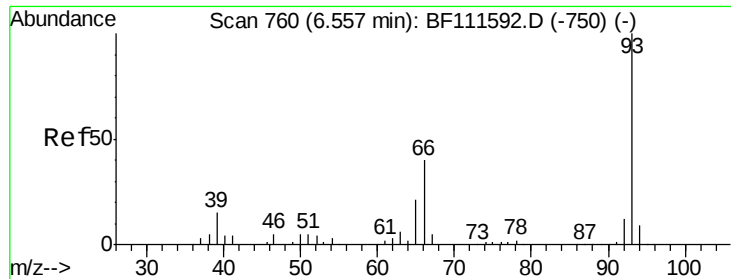


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#6

Aniline

Concen: 5.814 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF111623.D

Acq: 20 Dec 2018 6:26

Instrument :

BNA_F

ClientSampleId :

OILY-WATER

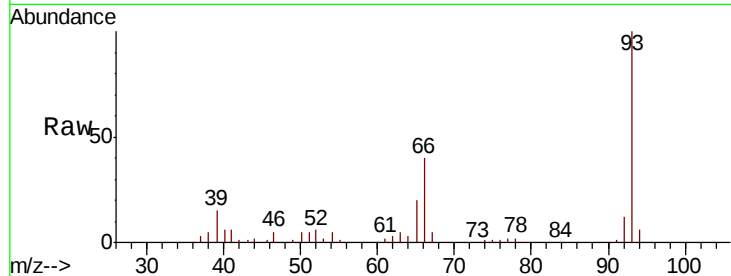
Tgt Ion: 93 Resp: 87752

Ion Ratio Lower Upper

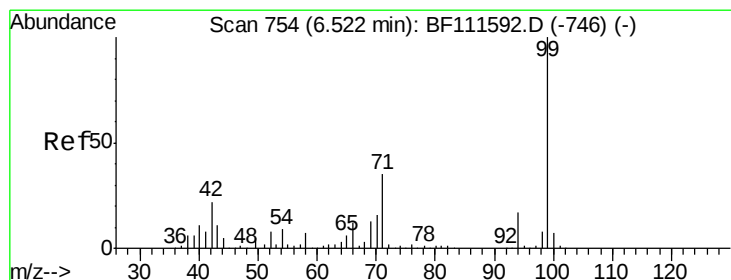
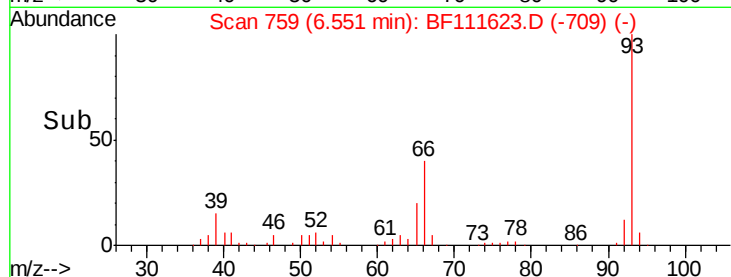
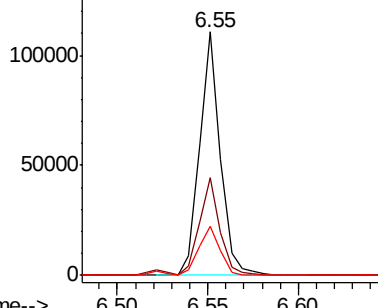
93 100

66 40.1 33.2 49.8

65 20.0 17.0 25.4



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1



#7

Phenol-d6

Concen: 0.540 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF111623.D

Acq: 20 Dec 2018 6:26

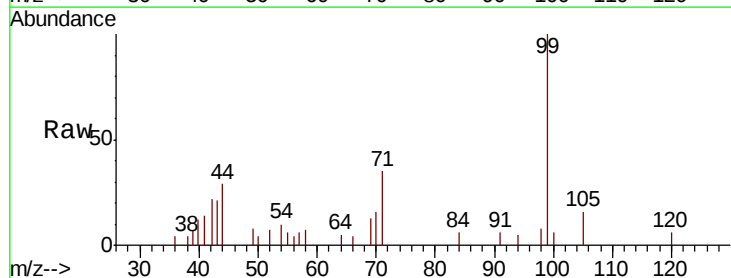
Tgt Ion: 99 Resp: 6400

Ion Ratio Lower Upper

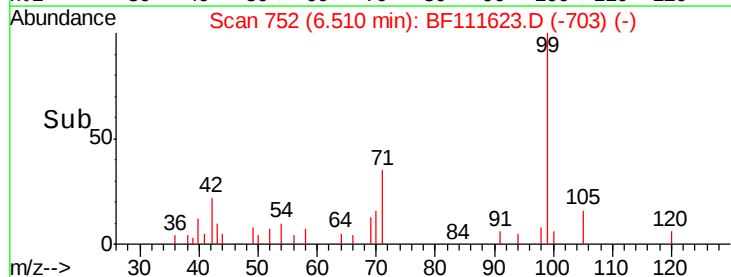
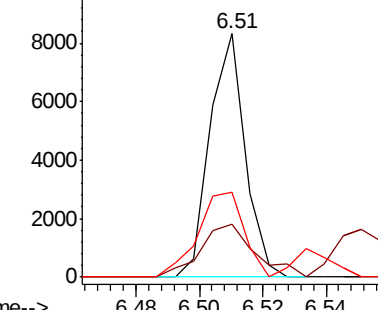
99 100

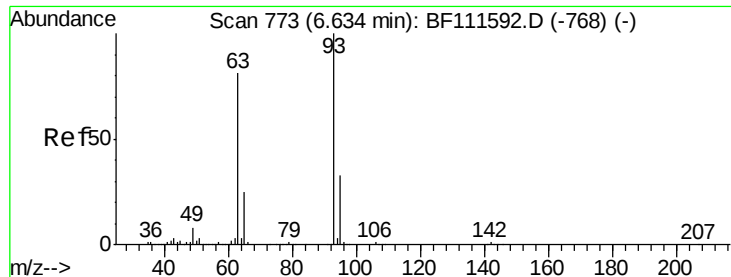
42 21.8 17.4 26.0

71 34.6 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

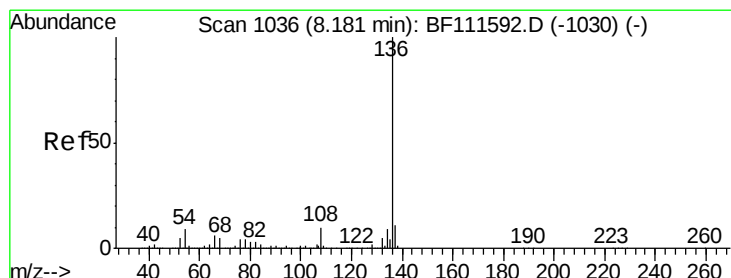
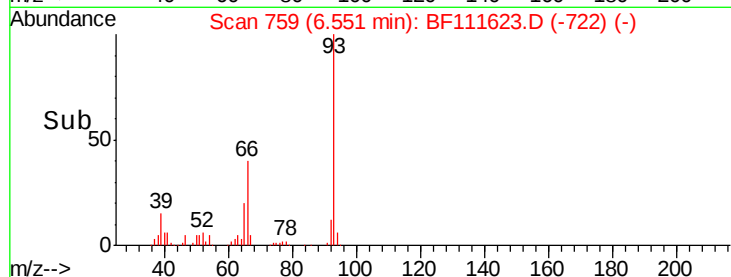
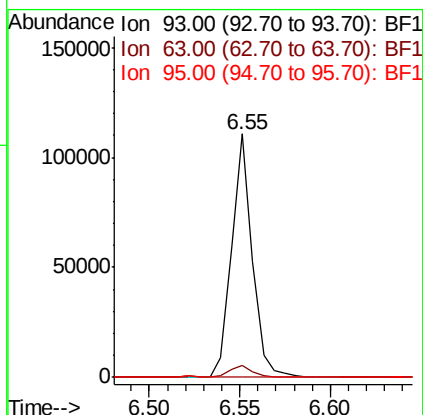
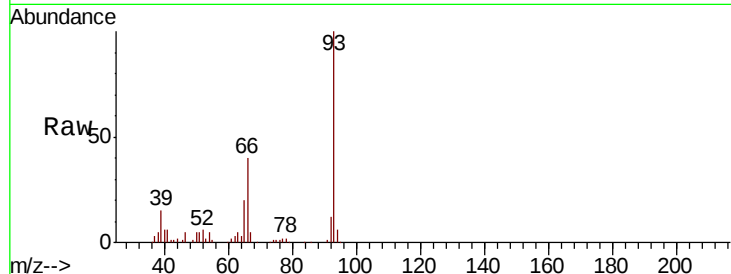




#11
bis(2-Chloroethyl)ether
Concen: 8.765 ng
RT: 6.55 min Scan# 759
Delta R.T. -0.08 min
Lab File: BF111623.D
Acq: 20 Dec 2018 6:26

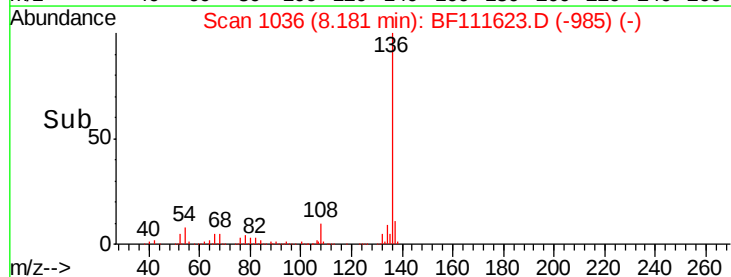
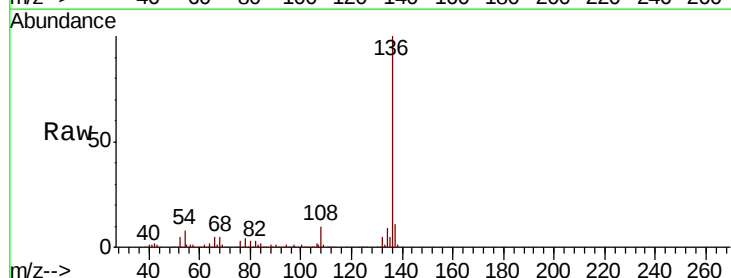
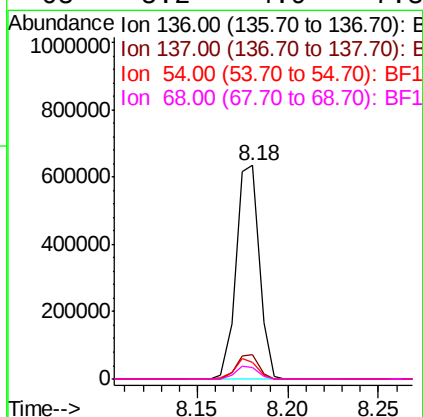
Instrument :
BNA_F
ClientSampleId :
OILY-WATER

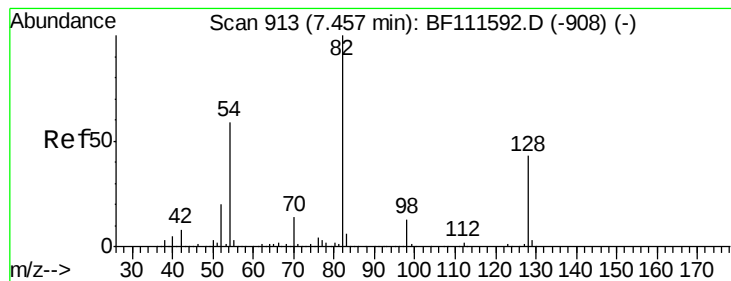
Tgt Ion: 93 Resp: 87752
Ion Ratio Lower Upper
93 100
63 5.1 60.0 100.0#
95 0.4 13.4 53.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF111623.D
Acq: 20 Dec 2018 6:26

Tgt Ion: 136 Resp: 567038
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 7.9 7.7 11.5
68 5.2 4.9 7.3





#23

Nitrobenzene-d5

Concen: 1.276 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF111623.D

Acq: 20 Dec 2018 6:26

Instrument :

BNA_F

ClientSampleId :

OILY-WATER

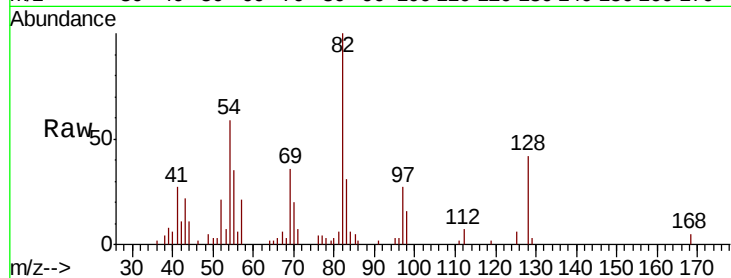
Tgt Ion: 82 Resp: 12433

Ion Ratio Lower Upper

82 100

128 42.3 37.4 56.2

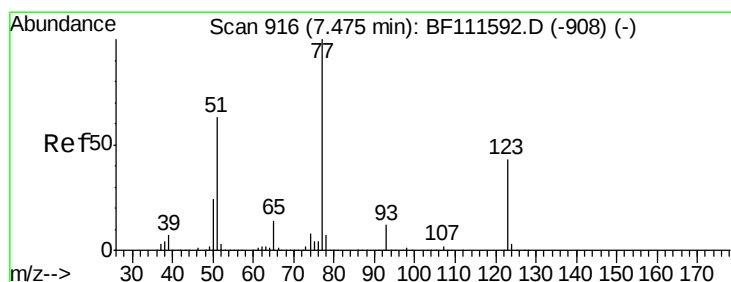
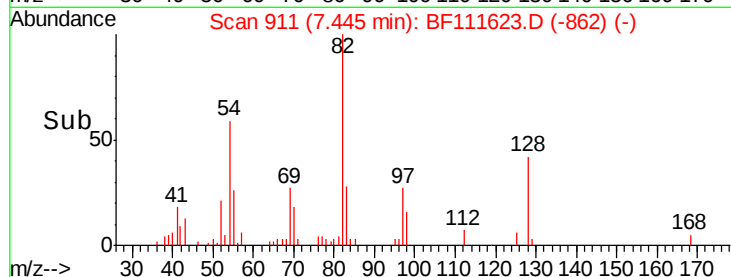
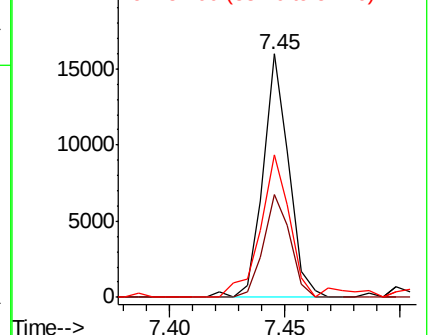
54 58.6 47.6 71.4



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: 4.804 ng

RT: 7.57 min Scan# 932

Delta R.T. 0.09 min

Lab File: BF111623.D

Acq: 20 Dec 2018 6:26

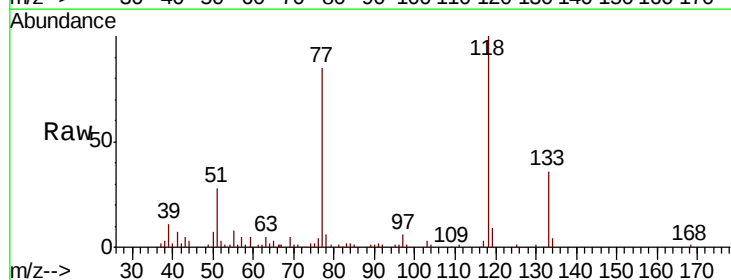
Tgt Ion: 77 Resp: 49046

Ion Ratio Lower Upper

77 100

123 0.0 37.2 55.8#

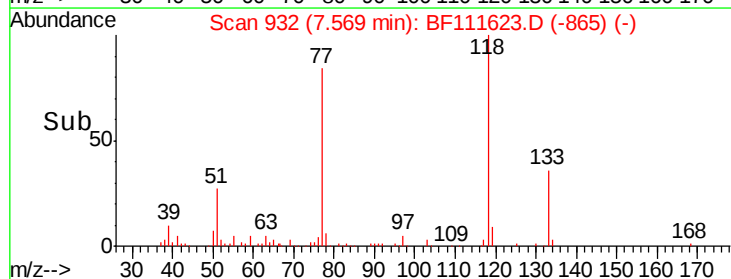
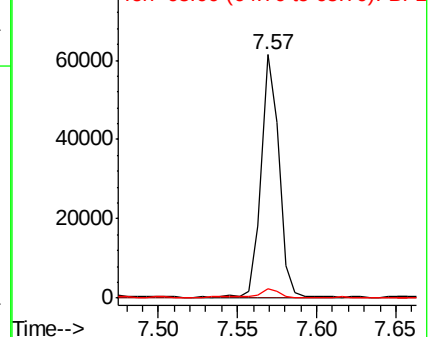
65 4.0 11.5 17.3#

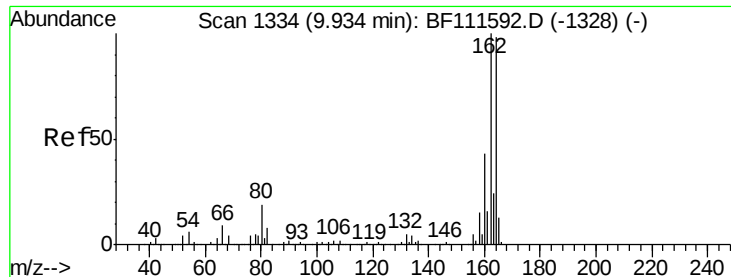


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BF111623.D

Acq: 20 Dec 2018 6:26

Instrument :

BNA_F

ClientSampleId :

OILY-WATER

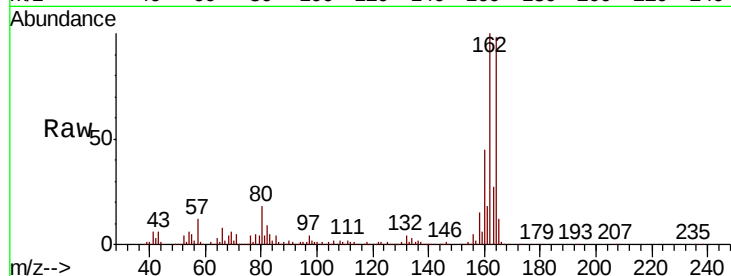
Tgt Ion:164 Resp: 262567

Ion Ratio Lower Upper

164 100

162 102.0 81.4 122.0

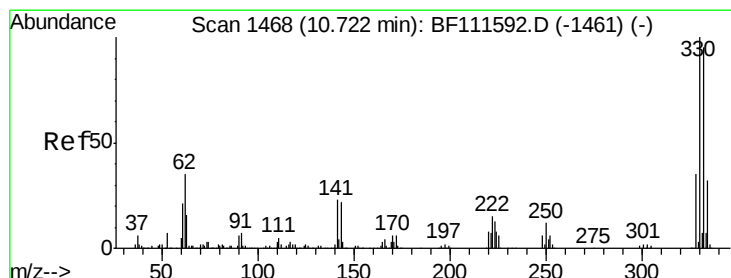
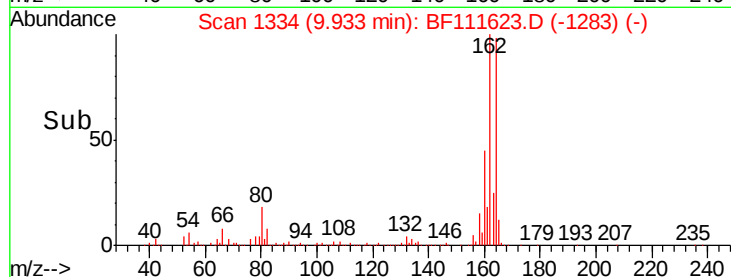
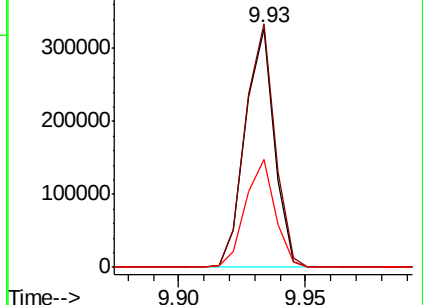
160 45.5 35.7 53.5



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: 1.321 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.01 min

Lab File: BF111623.D

Acq: 20 Dec 2018 6:26

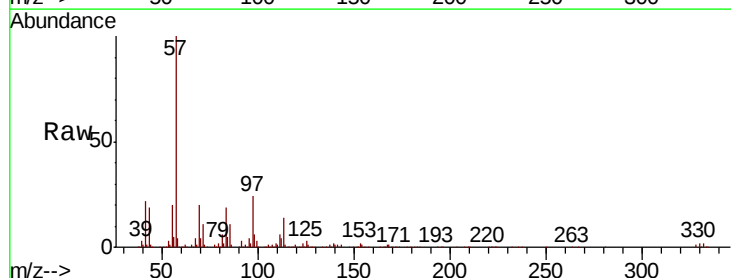
Tgt Ion:330 Resp: 4099

Ion Ratio Lower Upper

330 100

332 101.0 76.0 114.0

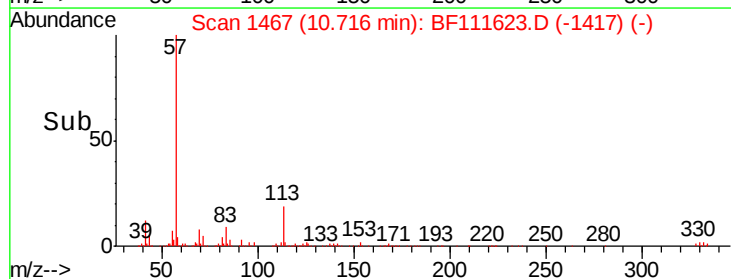
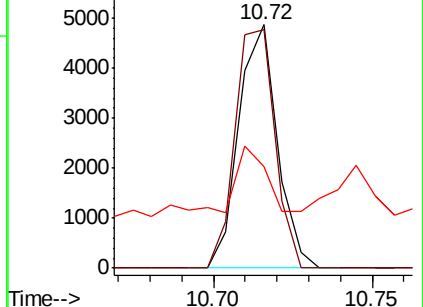
141 53.6 31.0 46.6#

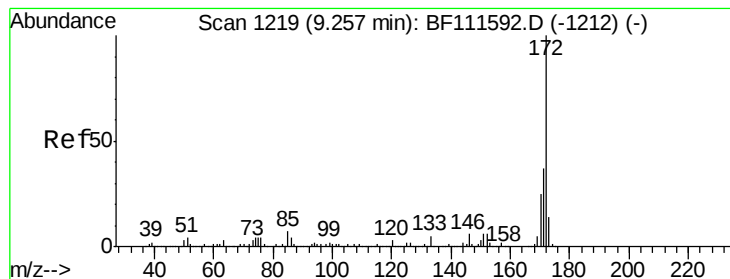


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 1.812 ng

RT: 9.25 min Scan# 1218

Delta R.T. -0.01 min

Lab File: BF111623.D

Acq: 20 Dec 2018 6:26

Instrument :

BNA_F

ClientSampleId :

OILY-WATER

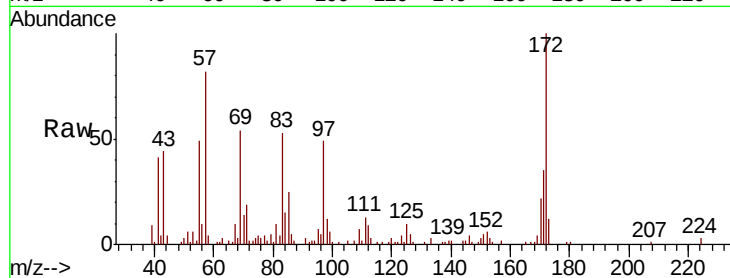
Tgt Ion:172 Resp: 32637

Ion Ratio Lower Upper

172 100

171 35.3 33.0 49.4

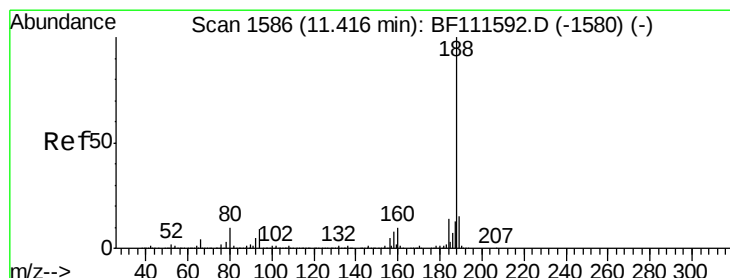
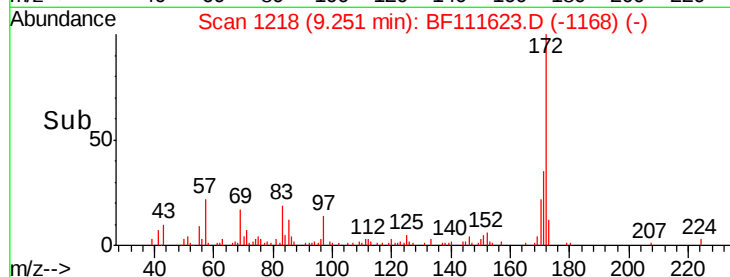
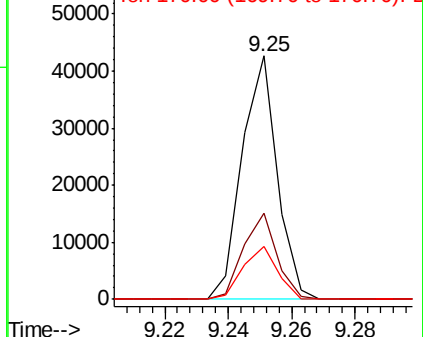
170 21.9 22.3 33.5#



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1586

Delta R.T. -0.00 min

Lab File: BF111623.D

Acq: 20 Dec 2018 6:26

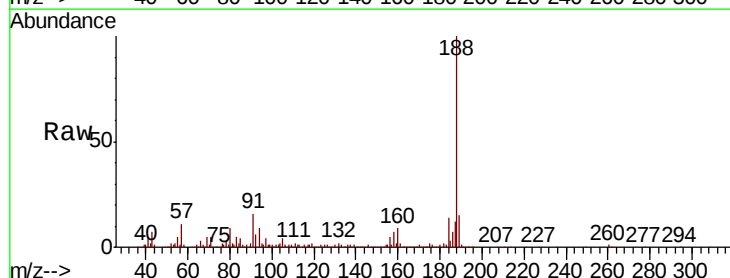
Tgt Ion:188 Resp: 474113

Ion Ratio Lower Upper

188 100

94 9.0 9.6 14.4#

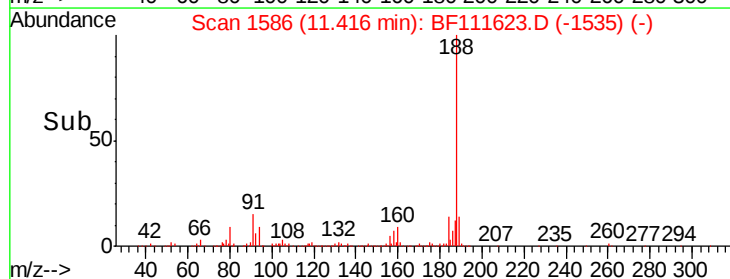
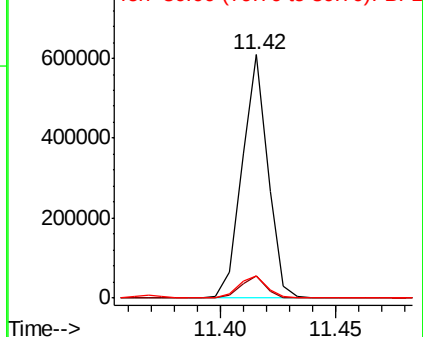
80 9.2 9.8 14.6#

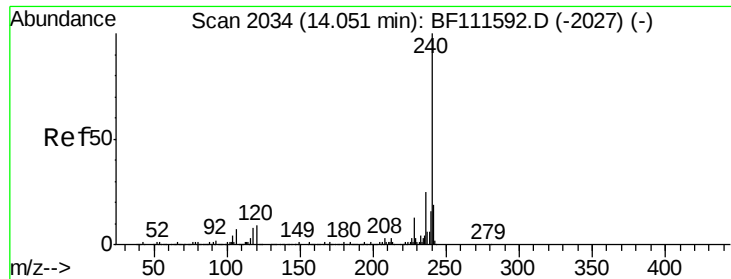


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

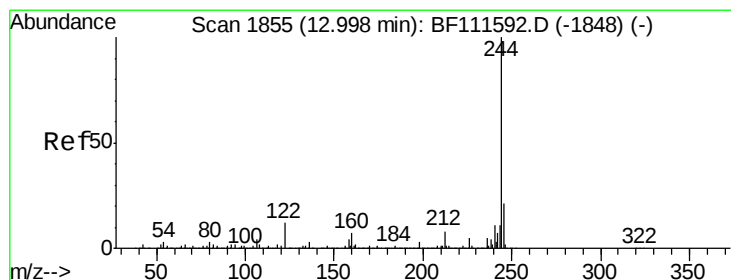
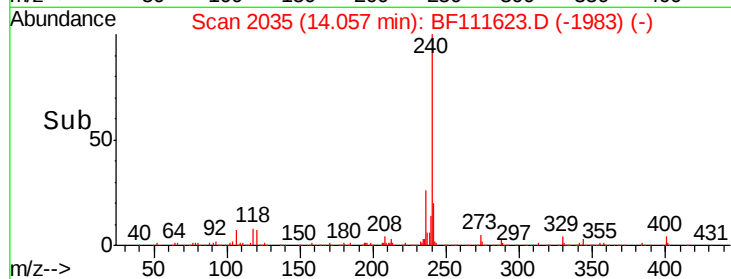
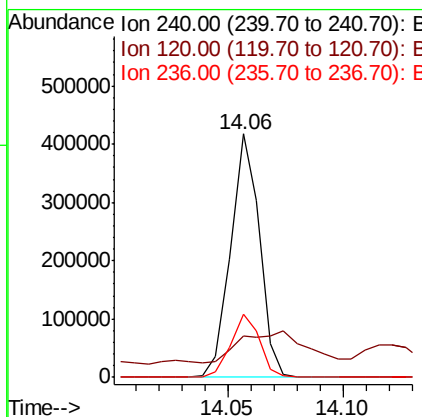
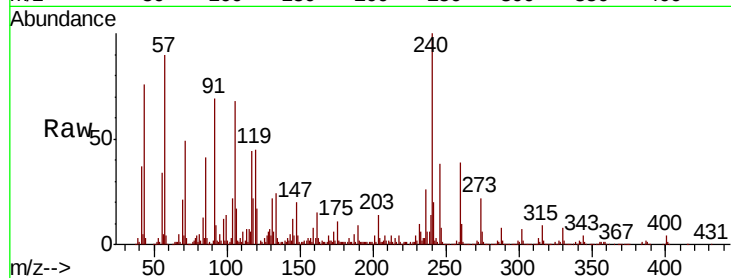




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.01 min
Lab File: BF111623.D
Acq: 20 Dec 2018 6:26

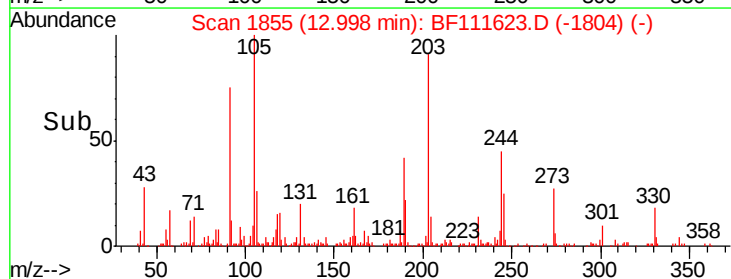
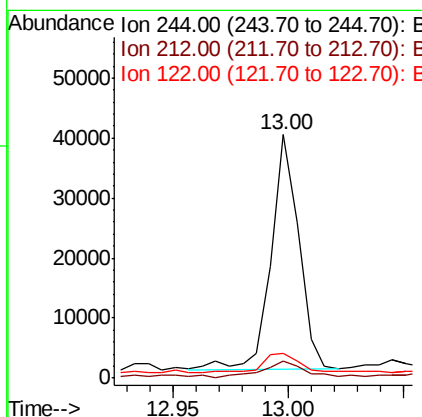
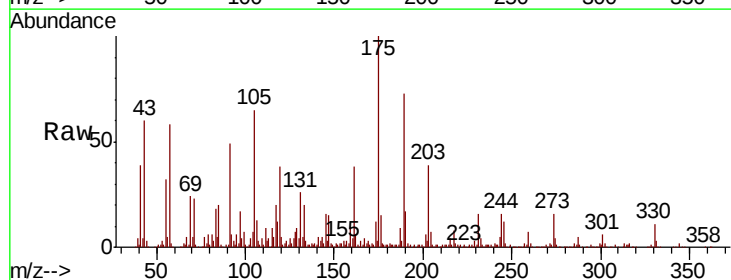
Instrument :
BNA_F
ClientSampled :
OILY-WATER

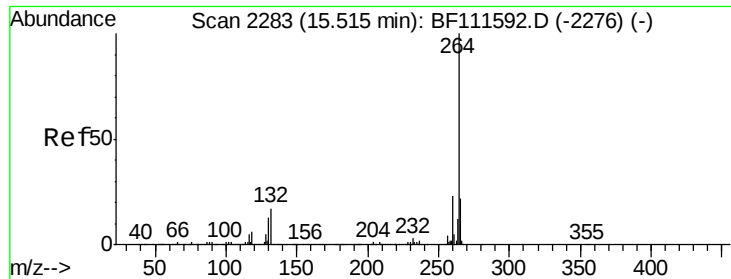
Tgt Ion:240 Resp: 361010
Ion Ratio Lower Upper
240 100
120 16.8 12.2 18.2
236 25.8 20.2 30.2



#79
Terphenyl-d14
Concen: 1.711 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.00 min
Lab File: BF111623.D
Acq: 20 Dec 2018 6:26

Tgt Ion:244 Resp: 32578
Ion Ratio Lower Upper
244 100
212 7.2 5.7 8.5
122 10.2 13.1 19.7#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.02 min
Lab File: BF111623.D
Acq: 20 Dec 2018 6:26

Instrument :
BNA_F
ClientSampleId :
OILY-WATER

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.3	27.5
265	22.2	17.7	26.5

