

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110817\
 Data File : BF100300.D
 Acq On : 8 Nov 2017 19:10
 Operator : SJ/JU
 Sample : I6358-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OILY-WATER-FROM-BERM

Quant Time: Nov 09 00:24:40 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 08 14:33:31 2017
 Response via : Initial Calibration

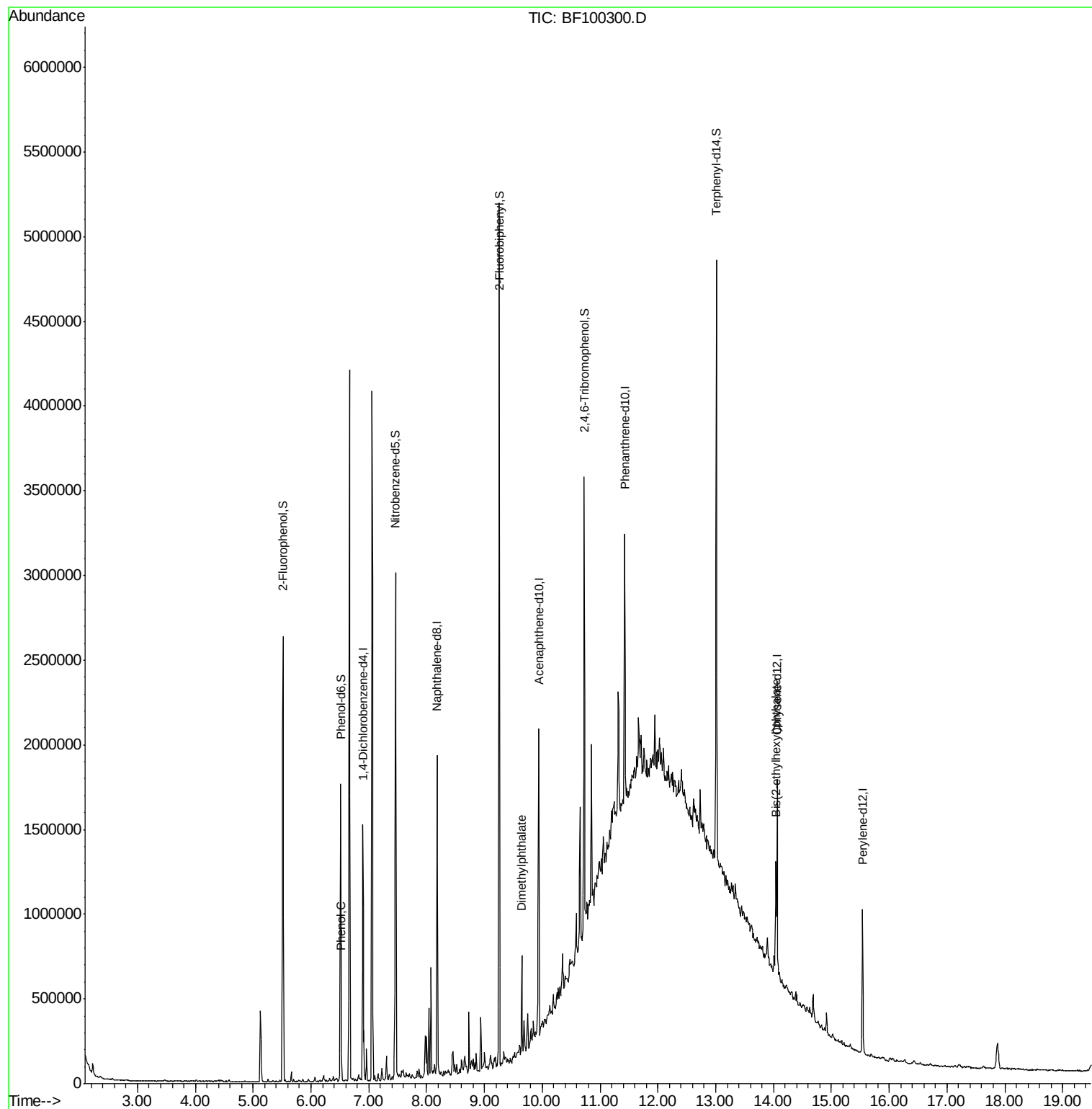
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	202838	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	798659	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	360952	20.00	ng	0.00
63) Phenanthrene-d10	11.43	188	590128	20.00	ng	0.00
75) Chrysene-d12	14.06	240	394256	20.00	ng	0.00
86) Perylene-d12	15.54	264	410129	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	702598	55.52	ng	0.00
7) Phenol-d6	6.52	99	553054	35.44	ng	0.00
23) Nitrobenzene-d5	7.46	82	1073194	88.84	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	393717	107.04	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1853260	78.18	ng	0.00
78) Terphenyl-d14	13.02	244	1415008	82.47	ng	0.00
Target Compounds						
10) Phenol	6.53	94	38066	2.324	ng	98
49) Dimethylphthalate	9.65	163	188254	6.831	ng	99
83) Bis(2-ethylhexyl)phthalate	14.04	149	168902	11.205	ng	99

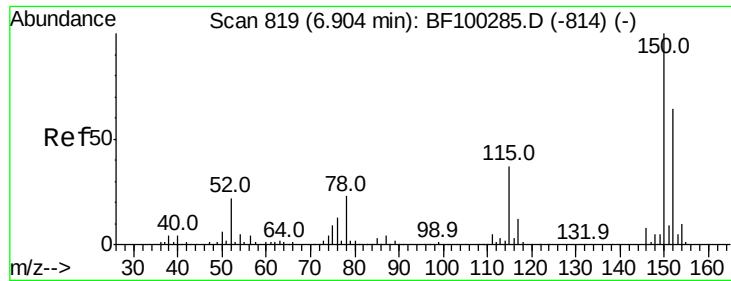
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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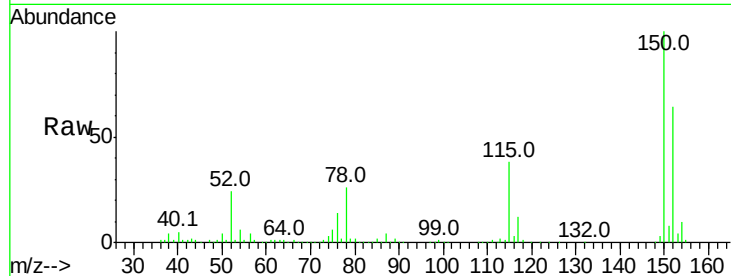


#1

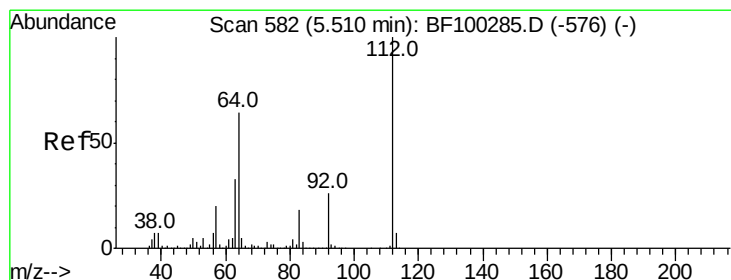
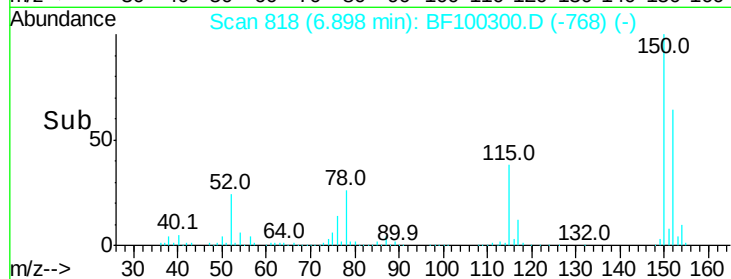
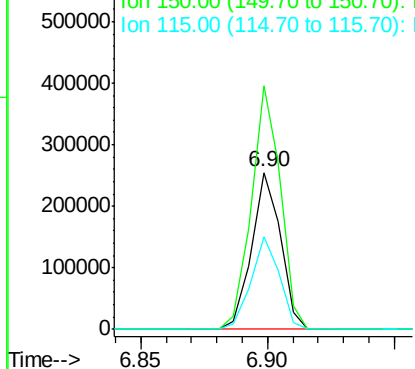
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF100300.D
Acq: 8 Nov 2017 19:10

Instrument :
BNA_F
ClientSampleId :
OILY-WATER-FROM-BERM

Tot Ion:152 Resp: 202838
Ion Ratio Lower Upper
152 100
150 155.5 124.6 186.8
115 59.2 50.1 75.1



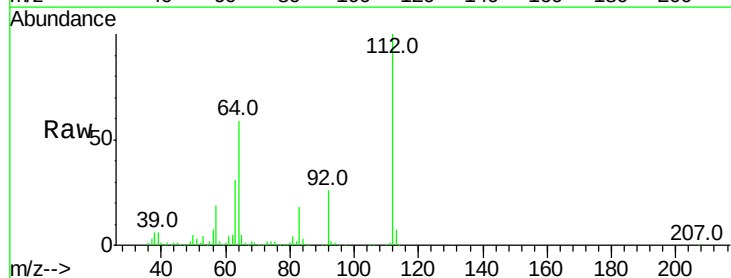
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



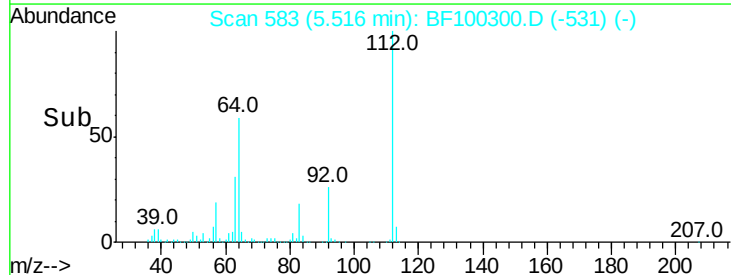
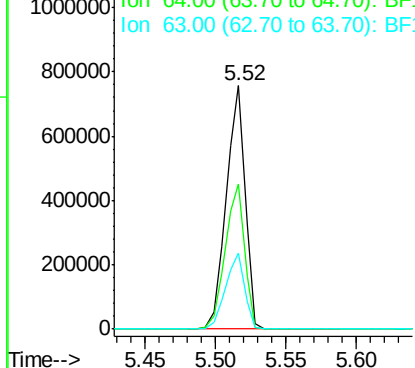
#5

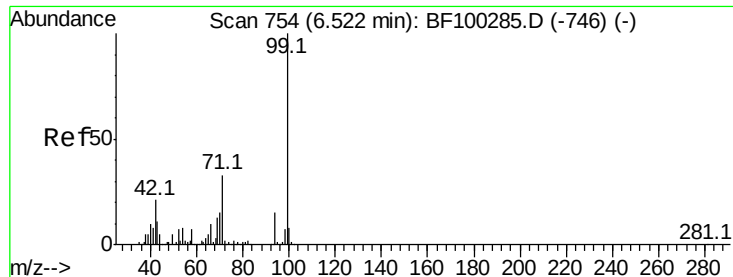
2-Fluorophenol
Concen: 55.525 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.01 min
Lab File: BF100300.D
Acq: 8 Nov 2017 19:10

Tgt Ion:112 Resp: 702598
Ion Ratio Lower Upper
112 100
64 59.4 47.9 71.9
63 31.0 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: 35.444 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF100300.D

Acq: 8 Nov 2017 19:10

Instrument :

BNA_F

ClientSampleId :

OILY-WATER-FROM-BERM

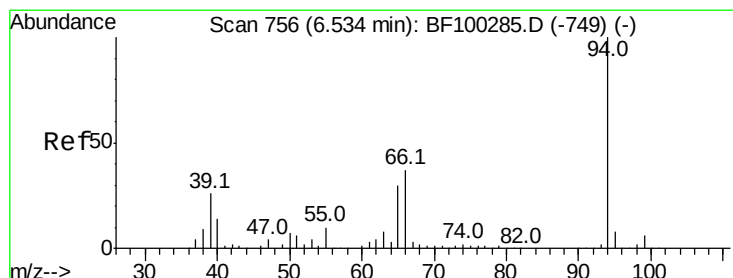
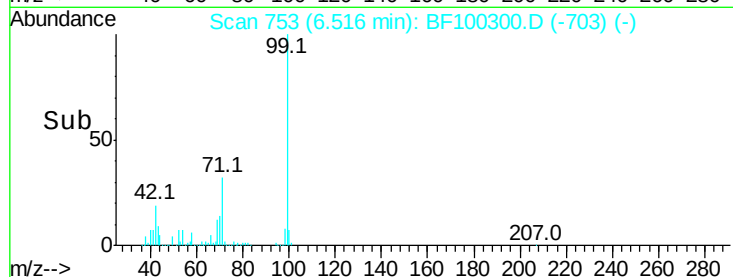
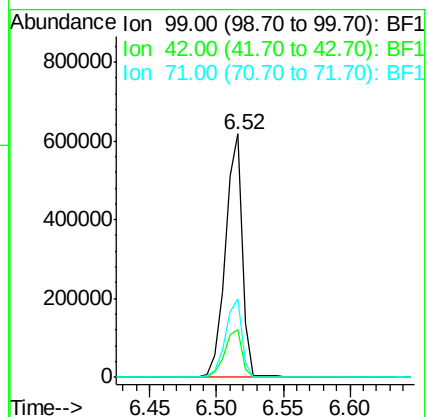
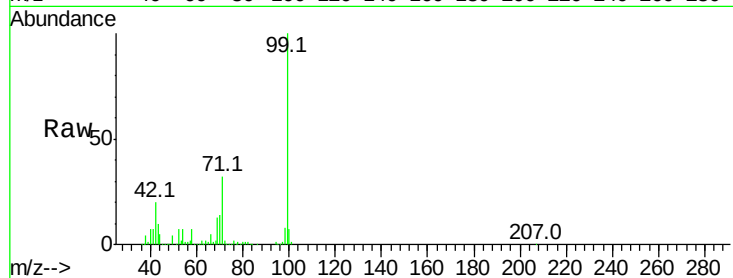
Tot Ion: 99 Resp: 553054

Ion Ratio Lower Upper

99 100

42 19.5 14.5 21.7

71 32.4 25.4 38.0



#10

Phenol

Concen: 2.324 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF100300.D

Acq: 8 Nov 2017 19:10

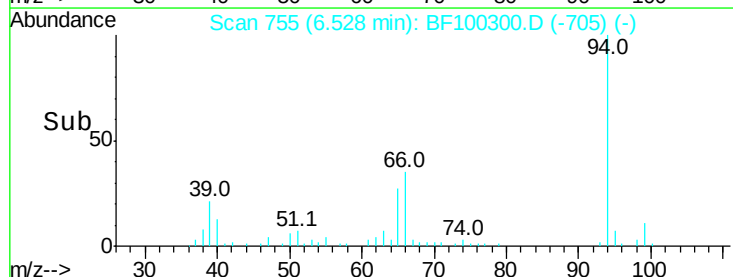
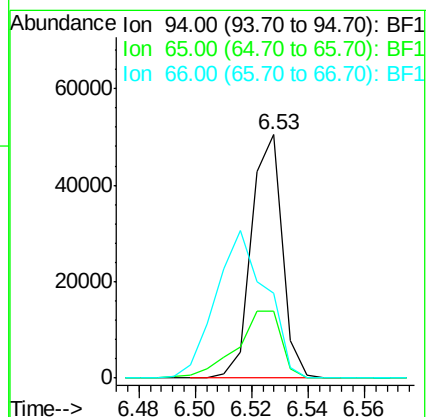
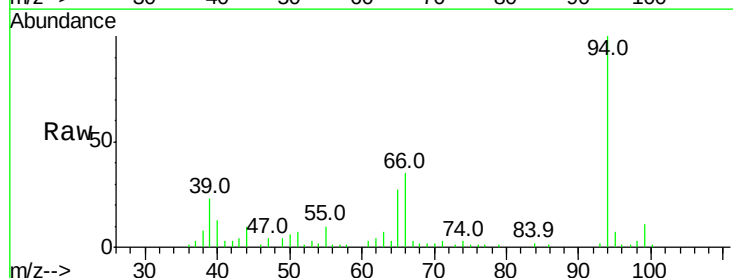
Tgt Ion: 94 Resp: 38066

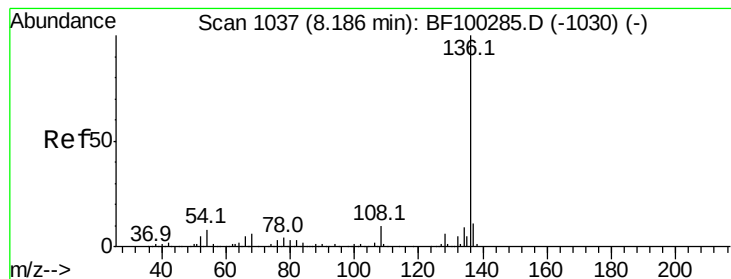
Ion Ratio Lower Upper

94 100

65 27.4 7.9 47.9

66 34.9 16.2 56.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF100300.D

Acq: 8 Nov 2017 19:10

Instrument :

BNA_F

ClientSampleId :

OILY-WATER-FROM-BERM

Tot Ion:136 Resp: 798659

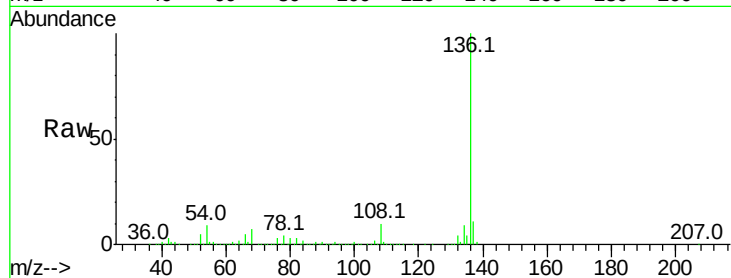
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 9.4 6.6 9.8

68 6.5 5.0 7.4

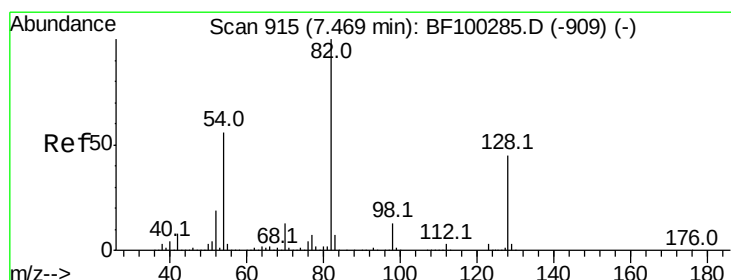
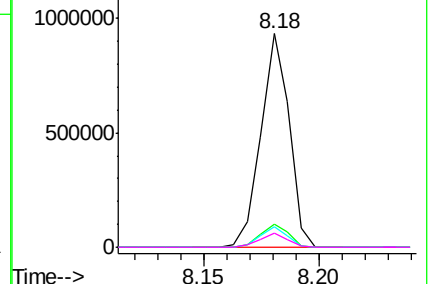
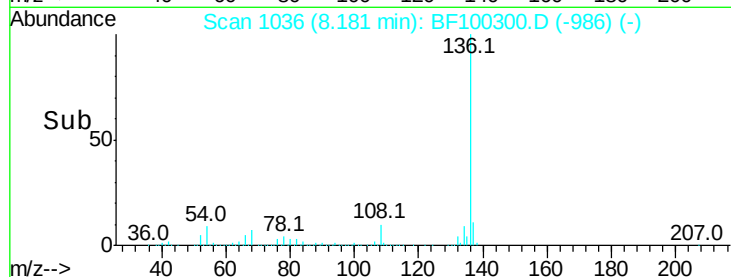


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 88.839 ng

RT: 7.46 min Scan# 914

Delta R.T. -0.01 min

Lab File: BF100300.D

Acq: 8 Nov 2017 19:10

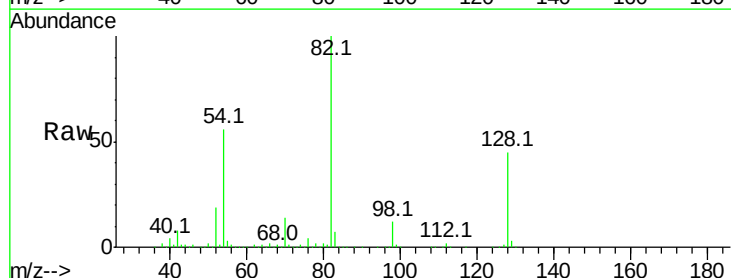
Tgt Ion: 82 Resp: 1073194

Ion Ratio Lower Upper

82 100

128 44.7 36.1 54.1

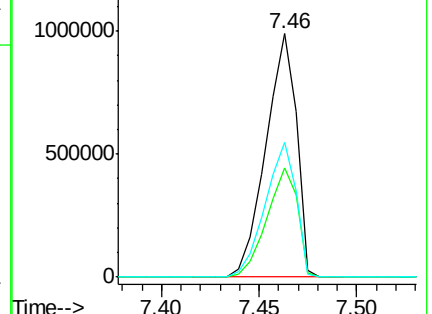
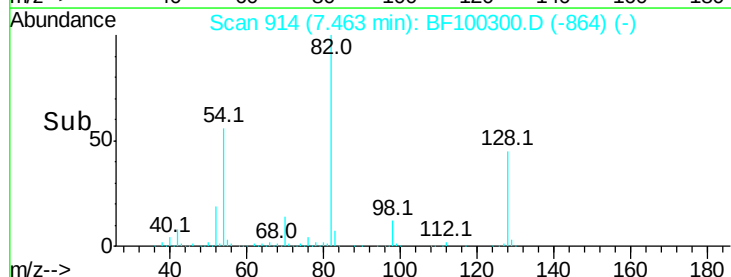
54 55.5 41.4 62.2

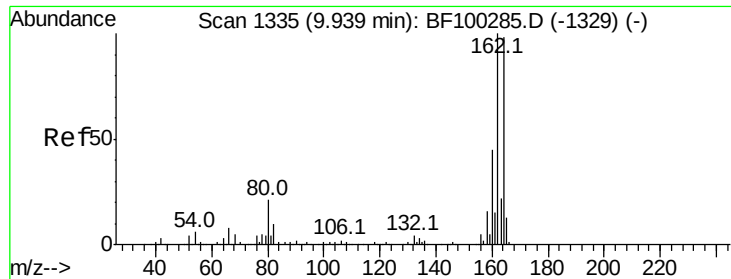


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.94 min Scan# 1335

Delta R.T. 0.00 min

Lab File: BF100300.D

Acq: 8 Nov 2017 19:10

Instrument :

BNA_F

ClientSampleId :

OILY-WATER-FROM-BERM

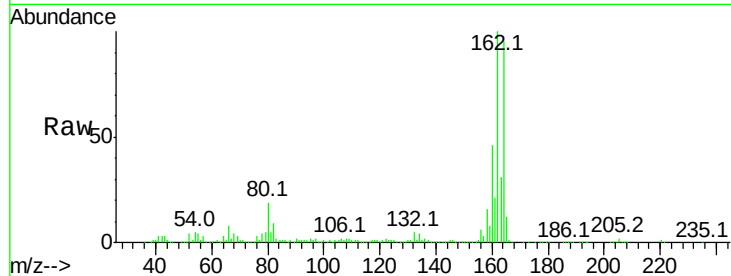
Tot Ion:164 Resp: 360952

Ion Ratio Lower Upper

164 100

162 105.7 86.1 129.1

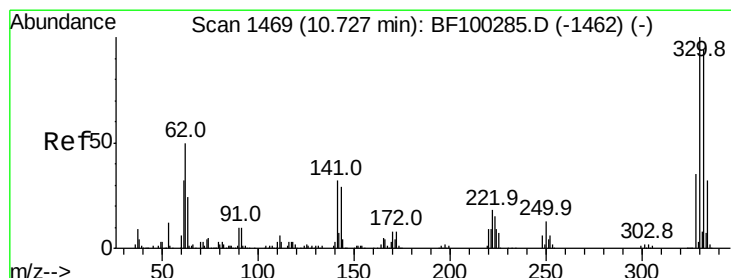
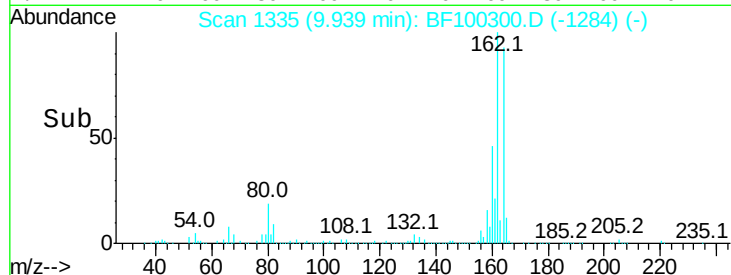
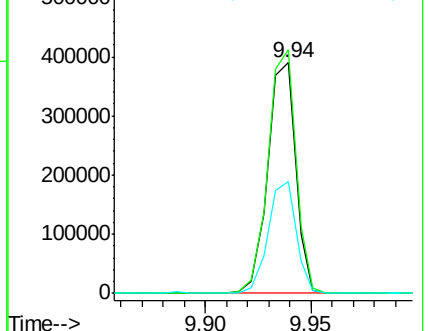
160 48.6 38.3 57.5



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



#41

2,4,6-Tribromophenol

Concen: 107.044 ng

RT: 10.73 min Scan# 1469

Delta R.T. 0.00 min

Lab File: BF100300.D

Acq: 8 Nov 2017 19:10

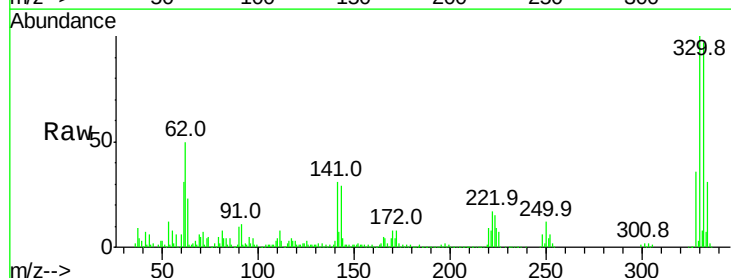
Tgt Ion:330 Resp: 393717

Ion Ratio Lower Upper

330 100

332 96.4 77.0 115.6

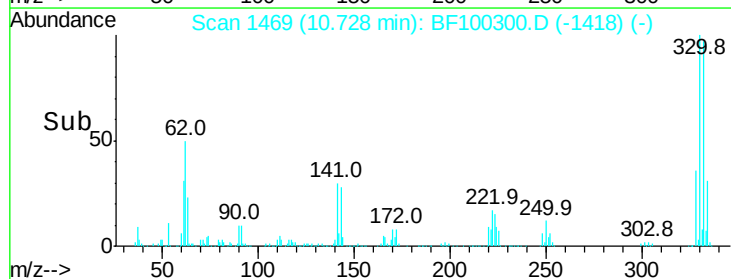
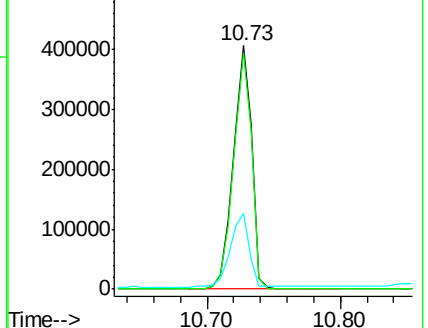
141 31.3 29.9 44.9

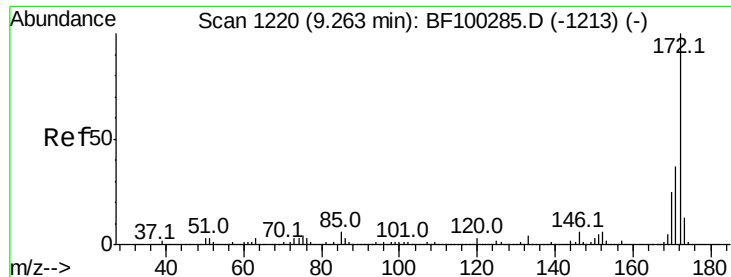


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

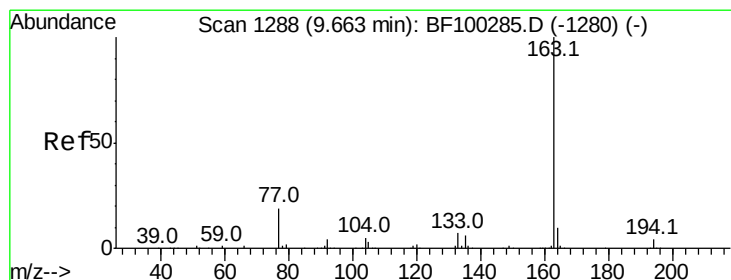
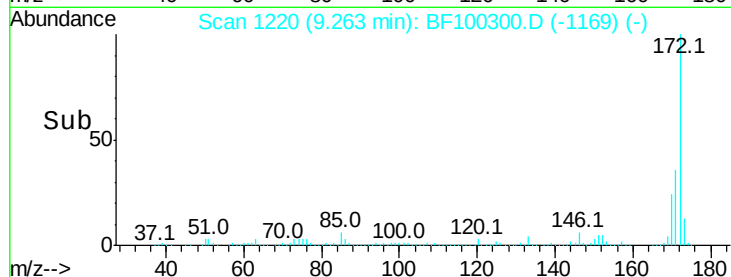
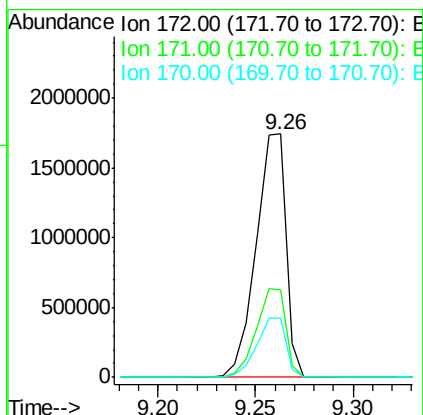
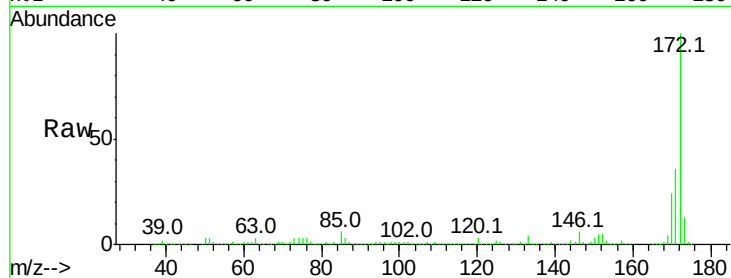




#44
2-Fluorobiphenyl
Concen: 78.182 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.00 min
Lab File: BF100300.D
Acq: 8 Nov 2017 19:10

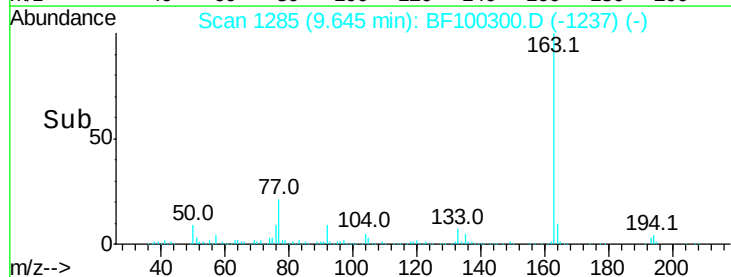
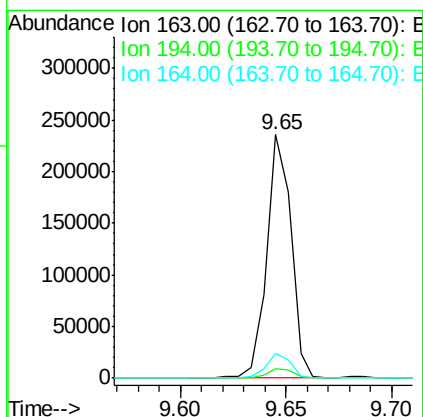
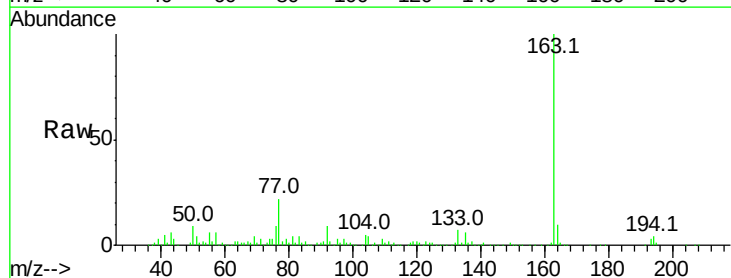
Instrument :
BNA_F
ClientSampleId :
OILY-WATER-FROM-BERM

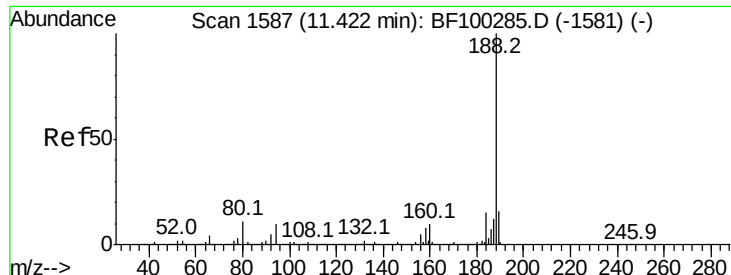
Tot Ion:172 Resp: 1853260
Ion Ratio Lower Upper
172 100
171 36.2 29.7 44.5
170 24.2 19.6 29.4



#49
Dimethylphthalate
Concen: 6.831 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BF100300.D
Acq: 8 Nov 2017 19:10

Tgt Ion:163 Resp: 188254
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 10.2 8.2 12.2

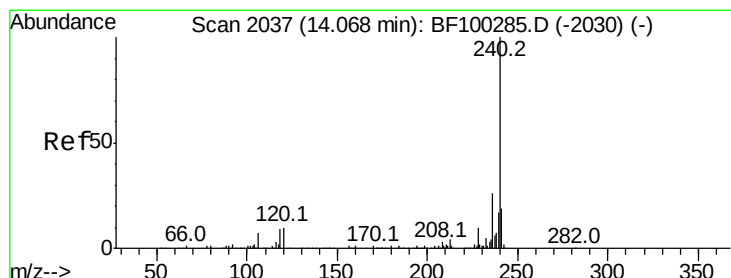
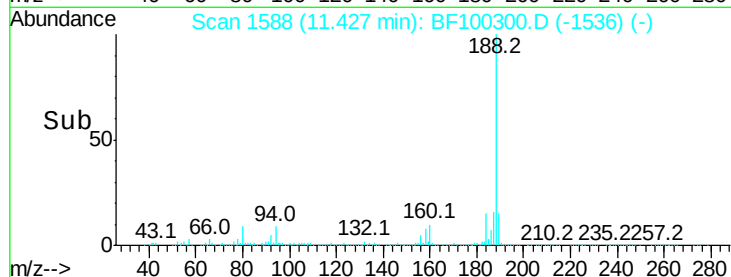
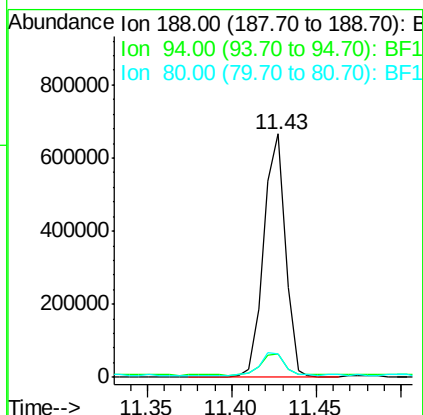
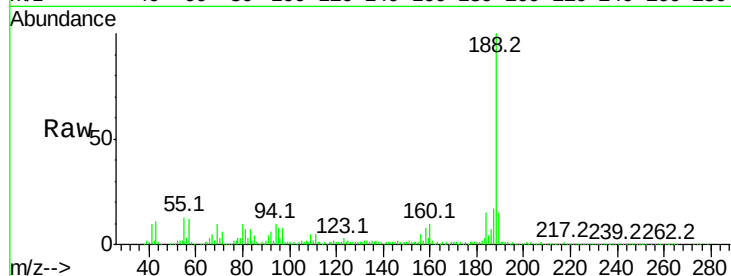




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.01 min
Lab File: BF100300.D
Acq: 8 Nov 2017 19:10

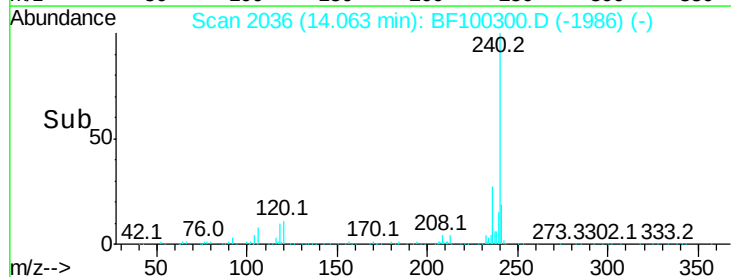
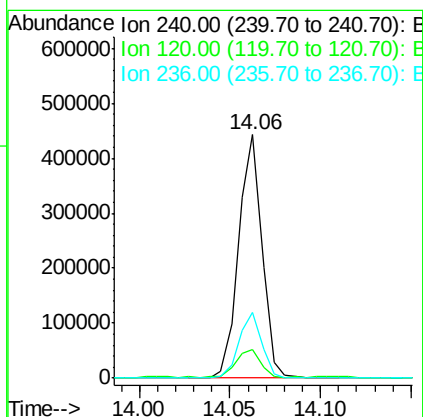
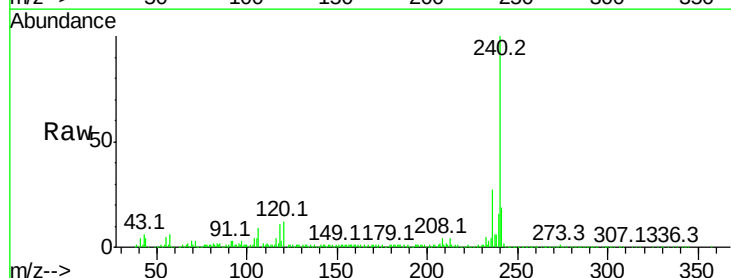
Instrument :
BNA_F
ClientSampleId :
OILY-WATER-FROM-BERM

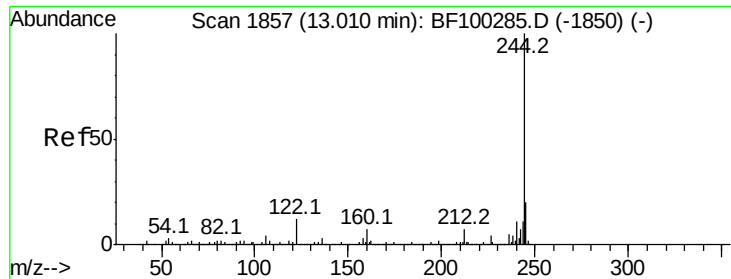
Tot Ion:188 Resp: 590128
Ion Ratio Lower Upper
188 100
94 9.9 8.5 12.7
80 9.8 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF100300.D
Acq: 8 Nov 2017 19:10

Tgt Ion:240 Resp: 394256
Ion Ratio Lower Upper
240 100
120 11.8 9.5 14.3
236 26.8 20.7 31.1





#78

Terphenyl-d14

Concen: 82.466 ng

RT: 13.02 min Scan# 1858

Delta R.T. 0.01 min

Lab File: BF100300.D

Acq: 8 Nov 2017 19:10

Instrument :

BNA_F

ClientSampleId :

OILY-WATER-FROM-BERM

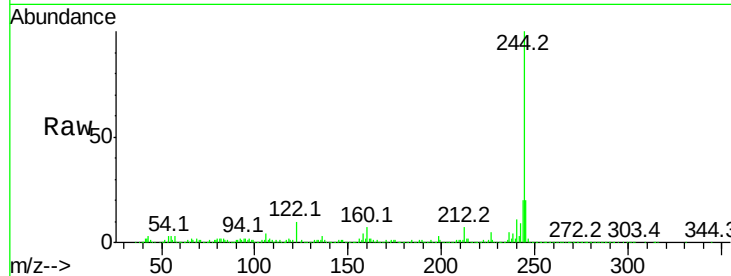
Tot Ion:244 Resp: 1415008

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

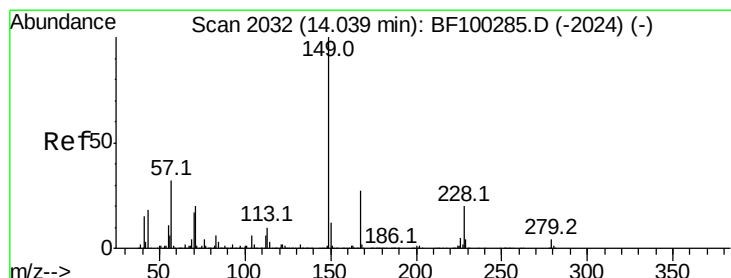
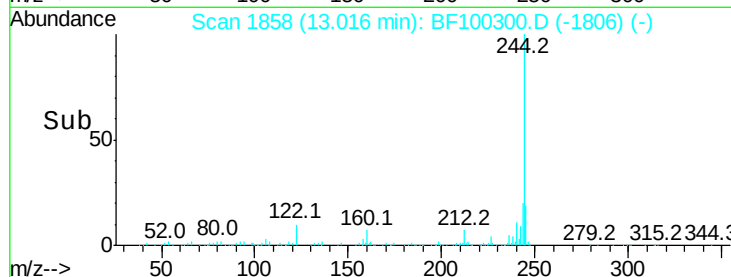
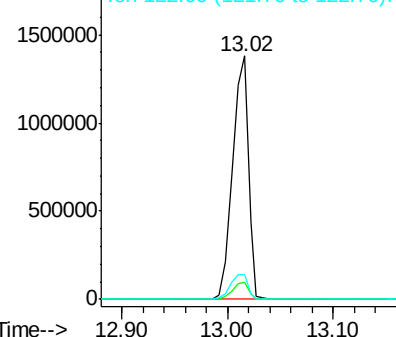
122 10.2 11.0 16.4#



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 11.205 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.00 min

Lab File: BF100300.D

Acq: 8 Nov 2017 19:10

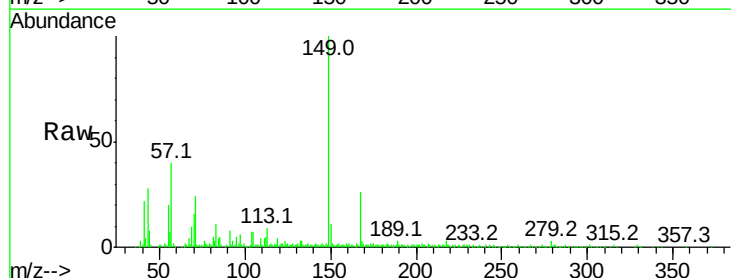
Tgt Ion:149 Resp: 168902

Ion Ratio Lower Upper

149 100

167 25.9 21.3 31.9

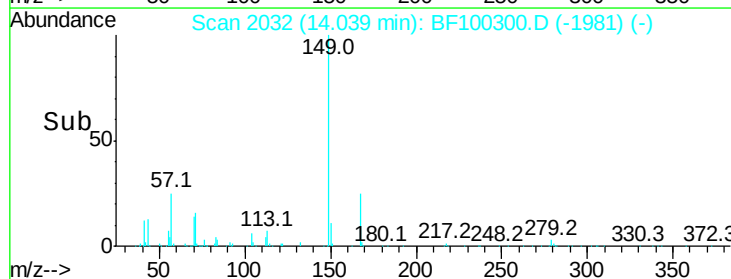
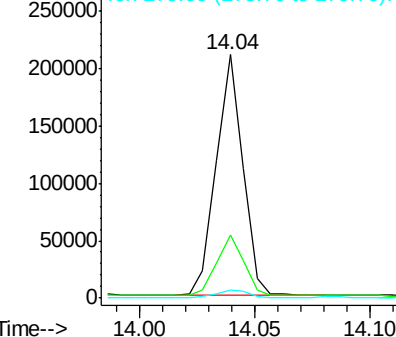
279 3.4 3.0 4.4

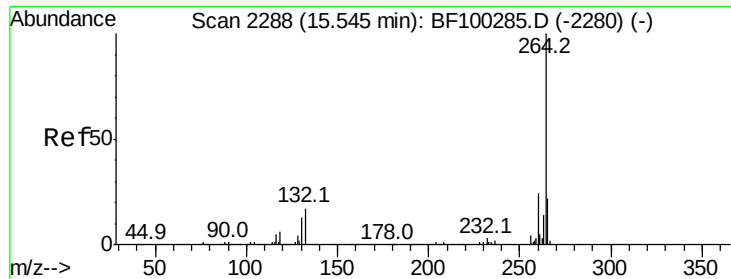


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BF100300.D
Acq: 8 Nov 2017 19:10

Instrument :
BNA_F
ClientSampleId :
OILY-WATER-FROM-BERM

Tot Ion:264 Resp: 410129

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.0	17.5	26.3

