

Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
 Data File : BF102184.D
 Acq On : 18 Jan 2018 7:42
 Operator : SJ/JU
 Sample : J1156-13
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OILY-STONES

Quant Time: Jan 18 09:25:40 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 17 15:28:18 2018
 Response via : Initial Calibration

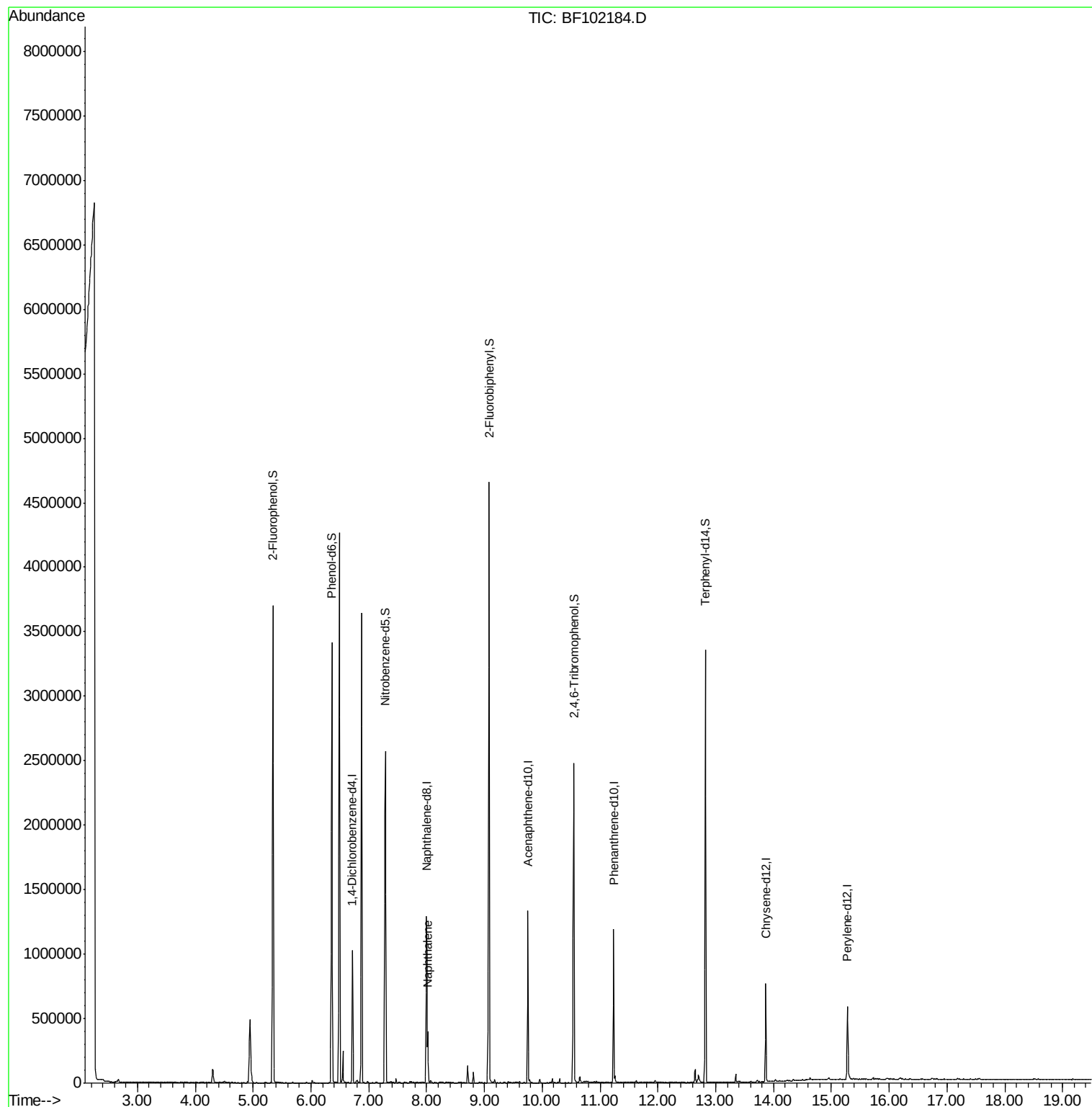
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	157993	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	625011	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	262291	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	384504	20.00	ng	0.00
75) Chrysene-d12	13.86	240	261784	20.00	ng	-0.01
86) Perylene-d12	15.28	264	244684	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1216755	108.75	ng	0.02
7) Phenol-d6	6.36	99	1282055	96.04	ng	0.00
23) Nitrobenzene-d5	7.29	82	997744	93.81	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	302755	132.27	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1706592	101.65	ng	0.00
78) Terphenyl-d14	12.82	244	1111467	88.15	ng	0.00
Target Compounds						
31) Naphthalene	8.02	128	170529	5.460	ng	Qvalue 98

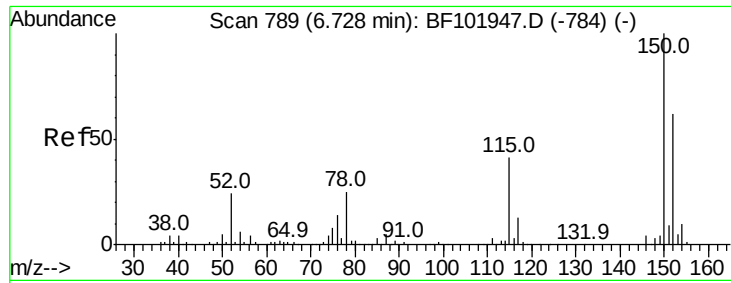
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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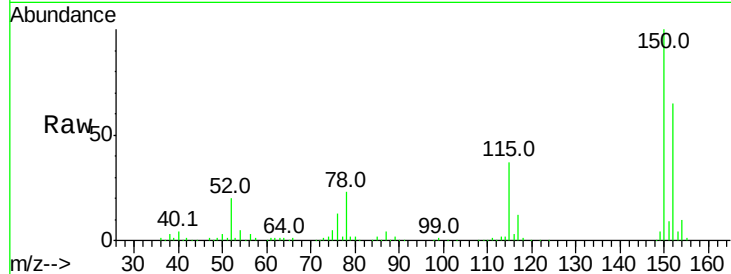


#1

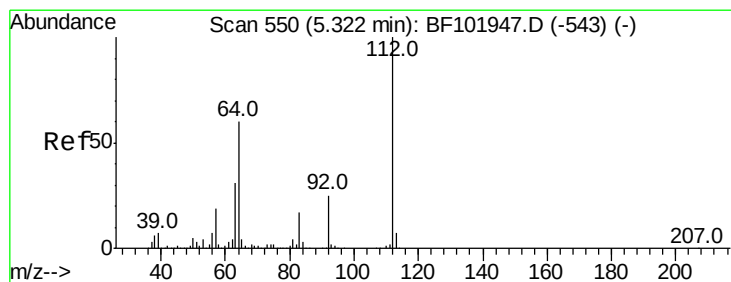
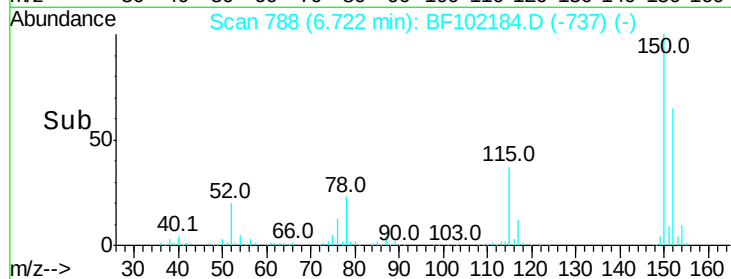
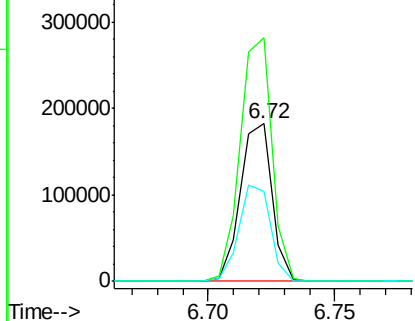
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.00 min
 Lab File: BF102184.D
 Acq: 18 Jan 2018 7:42

Instrument :
 BNA_F
 ClientSampleId :
 OILY-STONES

Tot Ion:152 Resp: 157993
 Ion Ratio Lower Upper
 152 100
 150 154.5 124.6 186.8
 115 57.1 50.1 75.1



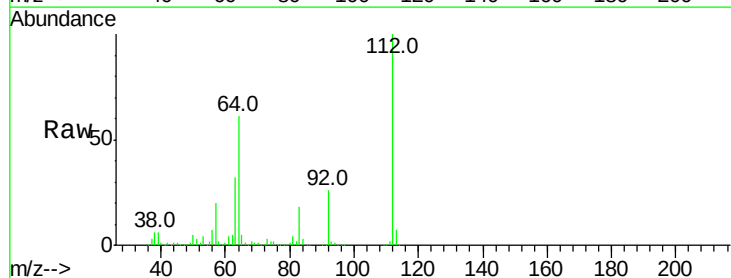
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



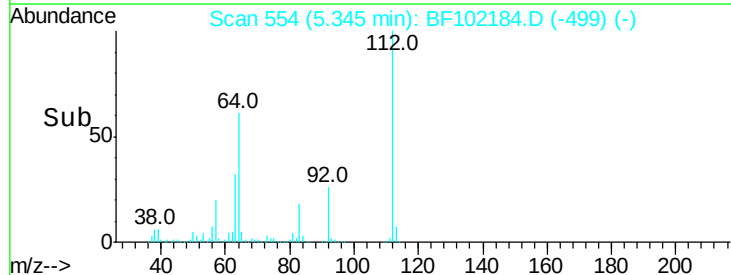
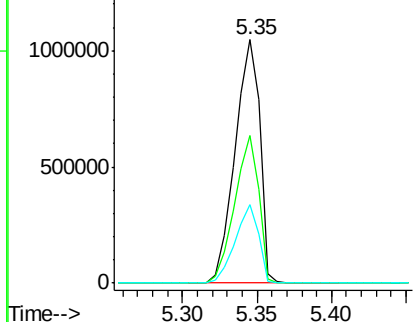
#5

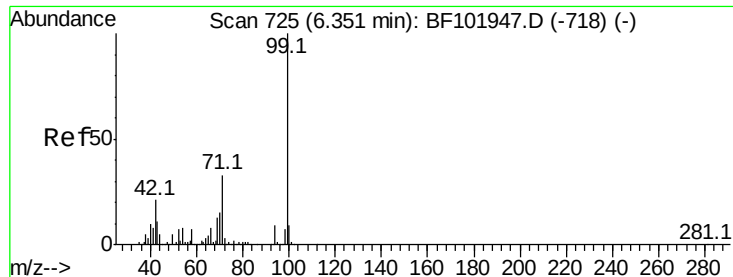
2-Fluorophenol
 Concen: 108.749 ng
 RT: 5.35 min Scan# 554
 Delta R.T. 0.02 min
 Lab File: BF102184.D
 Acq: 18 Jan 2018 7:42

Tgt Ion:112 Resp: 1216755
 Ion Ratio Lower Upper
 112 100
 64 60.6 47.9 71.9
 63 32.1 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: 96.040 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF102184.D

Acq: 18 Jan 2018 7:42

Instrument :

BNA_F

ClientSampleId :

OILY-STONES

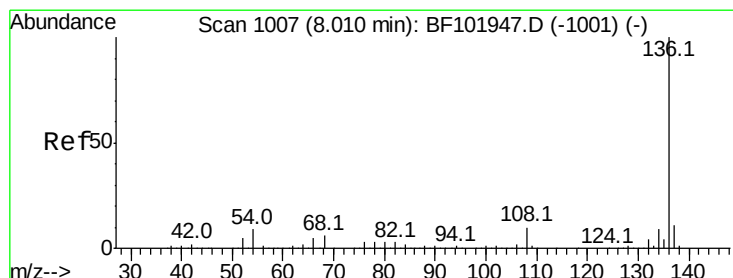
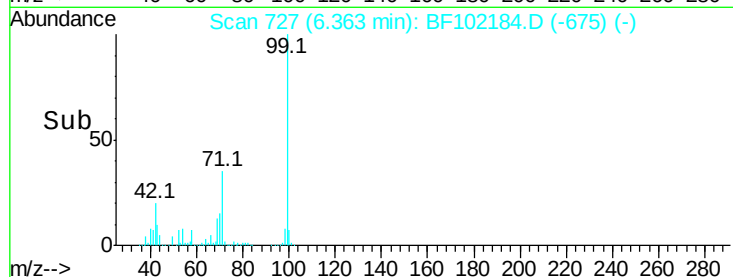
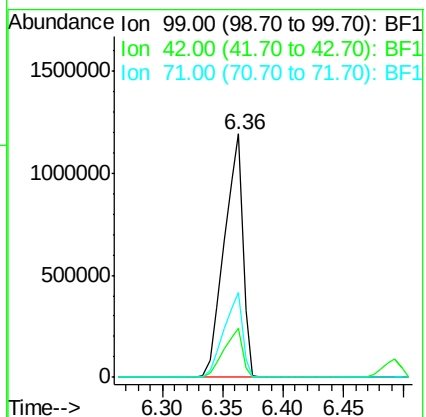
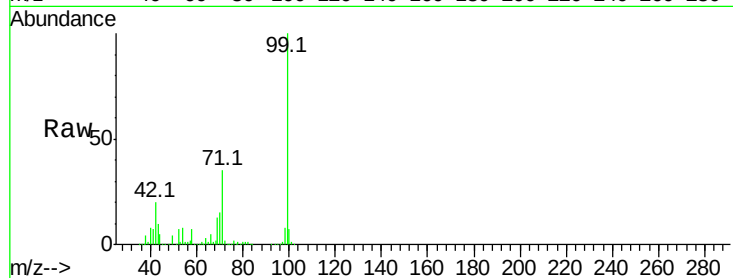
Tot Ion: 99 Resp: 1282055

Ion Ratio Lower Upper

99 100

42 19.9 14.5 21.7

71 34.6 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF102184.D

Acq: 18 Jan 2018 7:42

Tgt Ion: 136 Resp: 625011

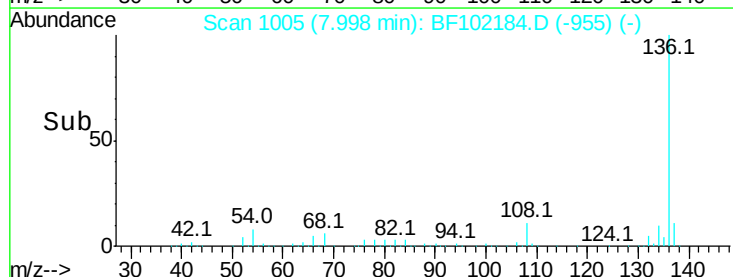
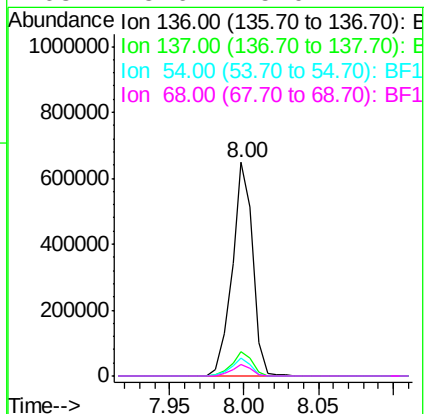
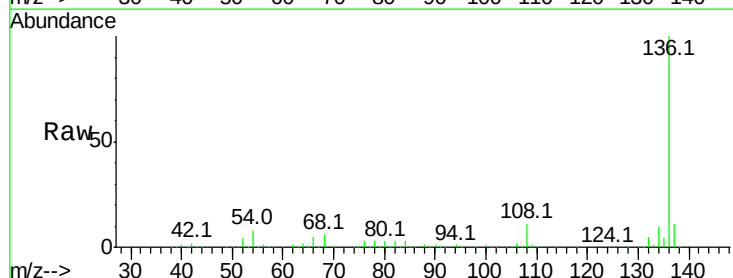
Ion Ratio Lower Upper

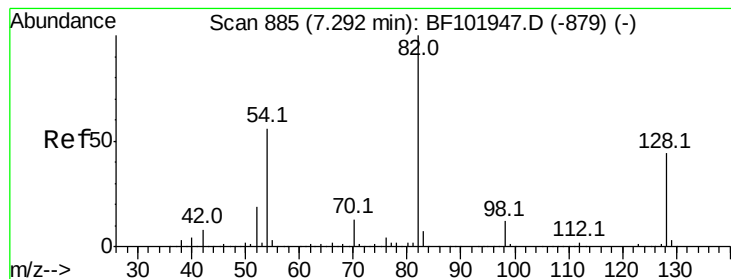
136 100

137 11.3 8.9 13.3

54 8.2 6.6 9.8

68 5.6 5.0 7.4





#23

Nitrobenzene-d5

Concen: 93.809 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF102184.D

Acq: 18 Jan 2018 7:42

Instrument :

BNA_F

ClientSampleId :

OILY-STONES

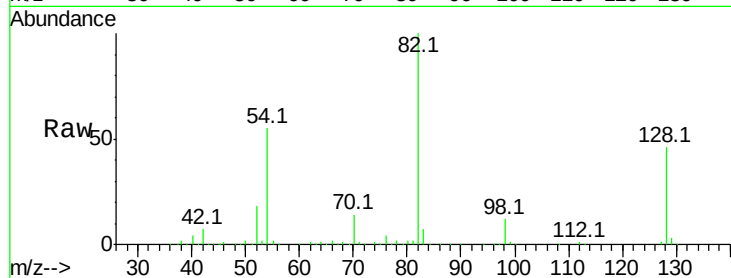
Tot Ion: 82 Resp: 997744

Ion Ratio Lower Upper

82 100

128 45.6 36.1 54.1

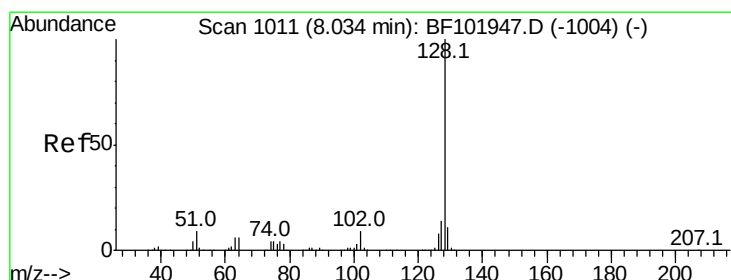
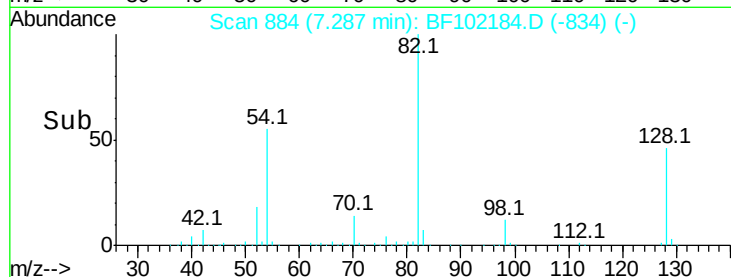
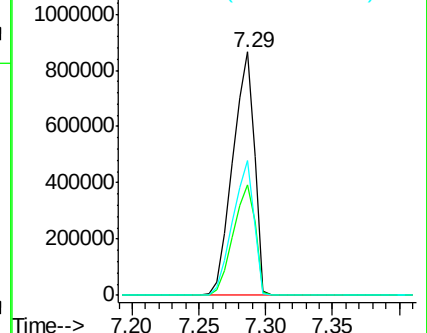
54 55.4 41.4 62.2



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



#31

Naphthalene

Concen: 5.460 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF102184.D

Acq: 18 Jan 2018 7:42

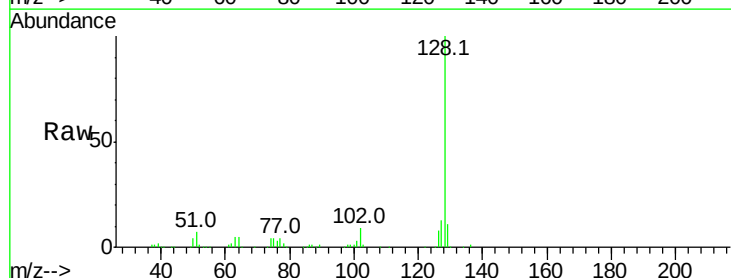
Tgt Ion: 128 Resp: 170529

Ion Ratio Lower Upper

128 100

129 10.8 8.8 13.2

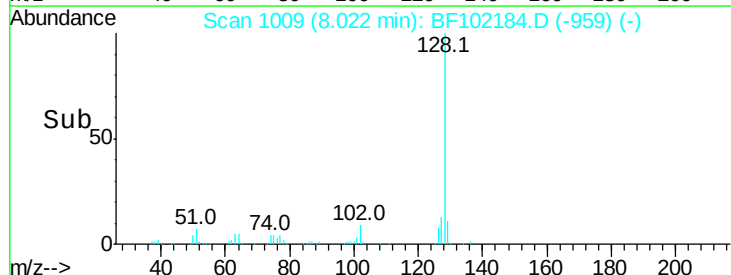
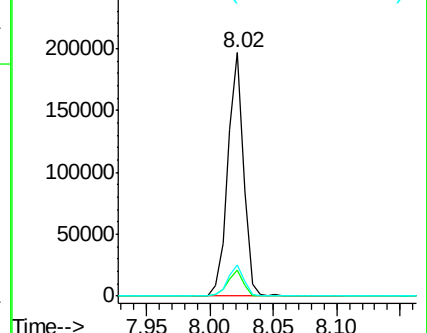
127 12.6 10.9 16.3

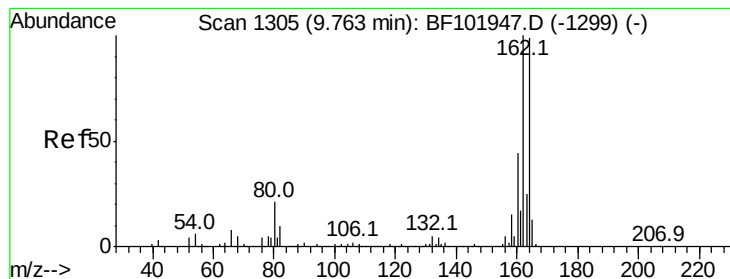


Abundance Ion 128.00 (127.70 to 128.70): BF1

Ion 129.00 (128.70 to 129.70): BF1

Ion 127.00 (126.70 to 127.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF102184.D

Acq: 18 Jan 2018 7:42

Instrument :

BNA_F

ClientSampleId :

OILY-STONES

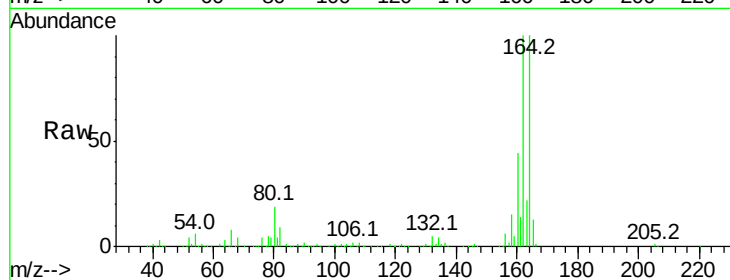
Tot Ion:164 Resp: 262291

Ion Ratio Lower Upper

164 100

162 100.5 86.1 129.1

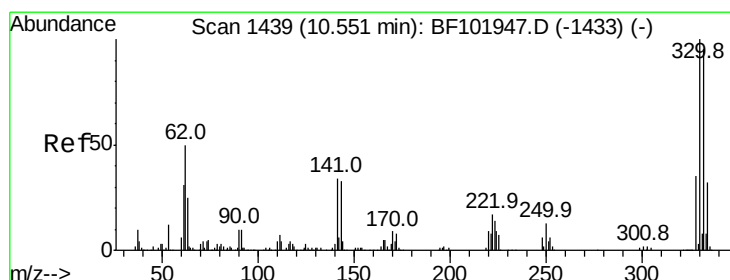
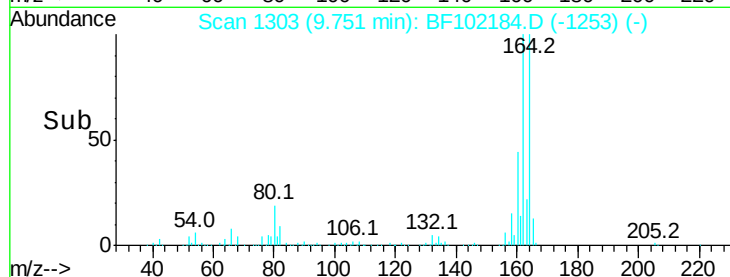
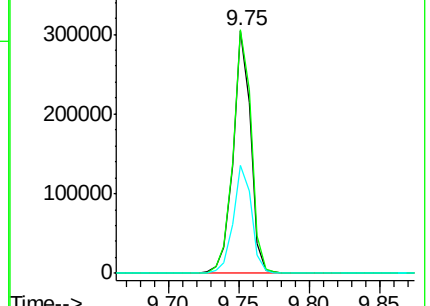
160 44.5 38.3 57.5



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: 132.266 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.00 min

Lab File: BF102184.D

Acq: 18 Jan 2018 7:42

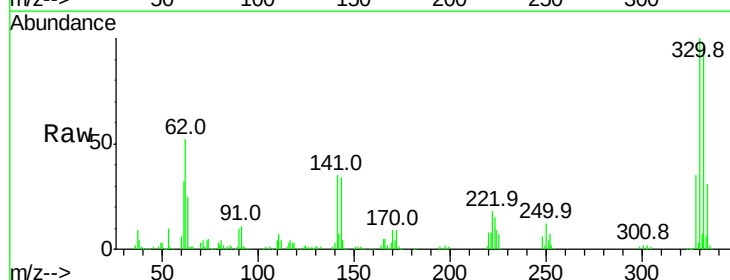
Tgt Ion:330 Resp: 302755

Ion Ratio Lower Upper

330 100

332 96.3 77.0 115.6

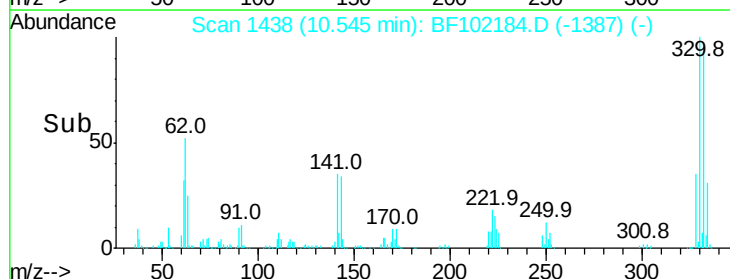
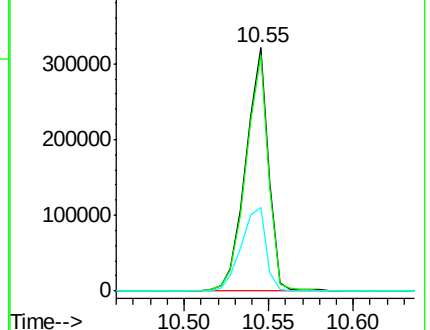
141 37.8 29.9 44.9

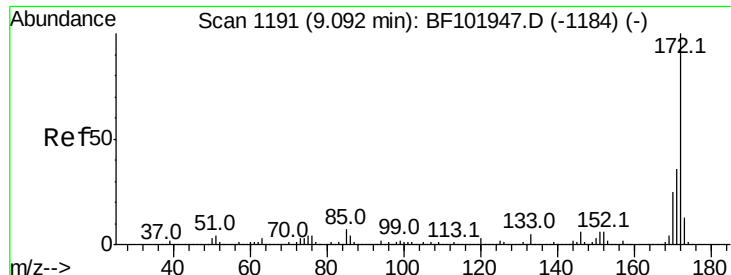


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



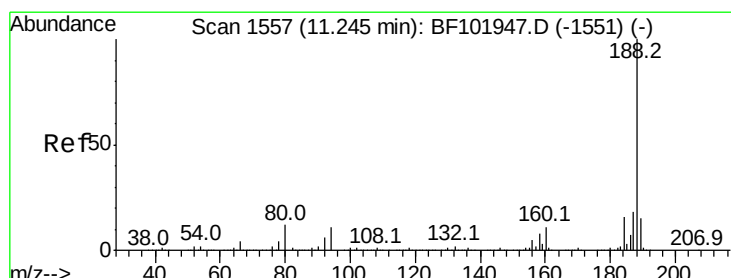
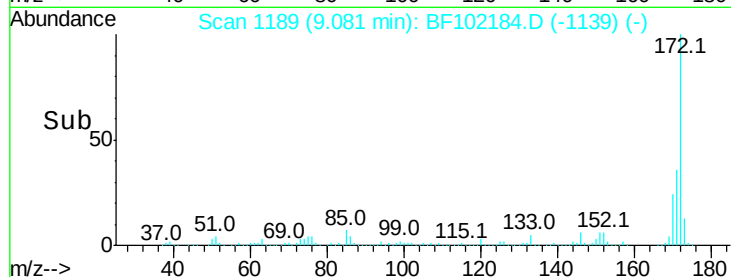
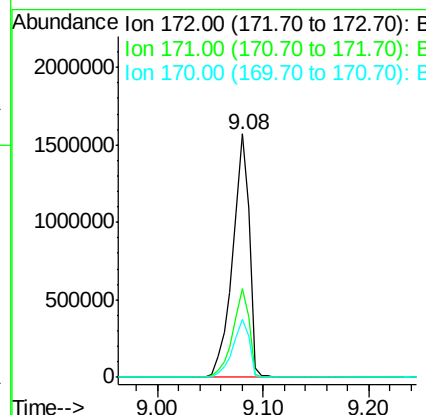
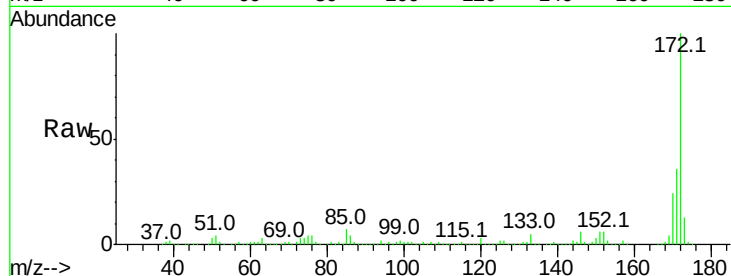


#44
 2-Fluorobiphenyl
 Concen: 101.649 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF102184.D
 Acq: 18 Jan 2018 7:42

Instrument :
 BNA_F
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 OILY-STONES

Tot Ion:172 Resp: 1706592

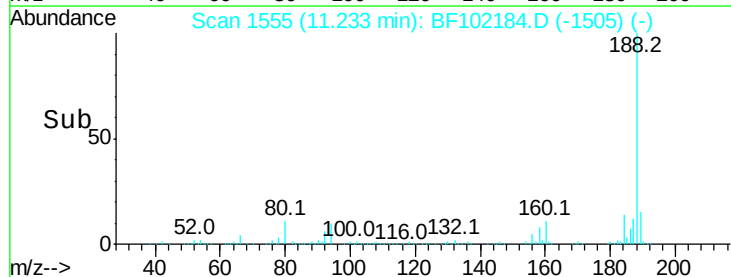
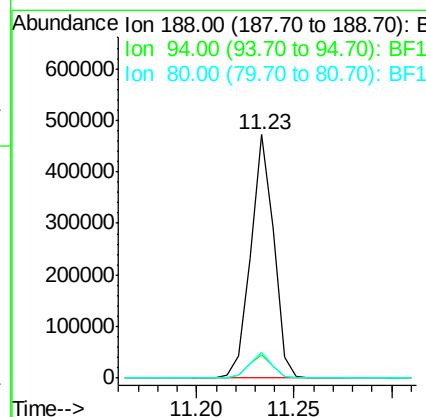
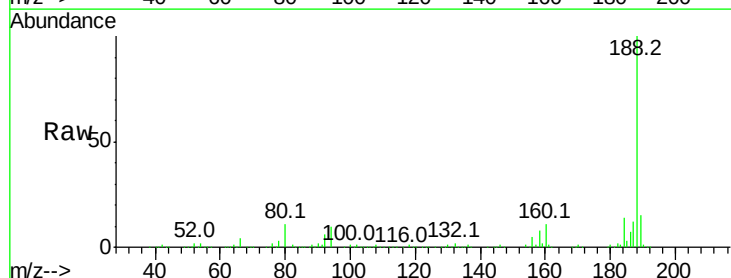
Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.0	19.6	29.4

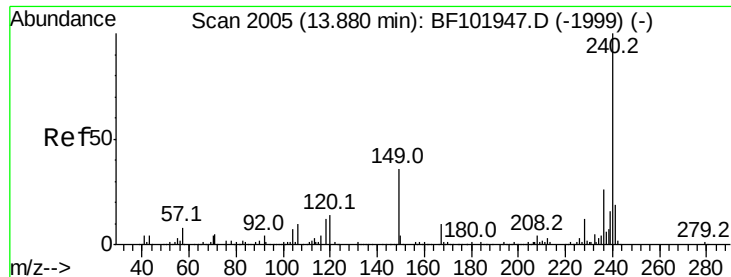


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BF102184.D
 Acq: 18 Jan 2018 7:42

Tgt Ion:188 Resp: 384504

Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.5	12.7
80	10.9	9.2	13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF102184.D

Acq: 18 Jan 2018 7:42

Instrument :

BNA_F

ClientSampleId :

OILY-STONES

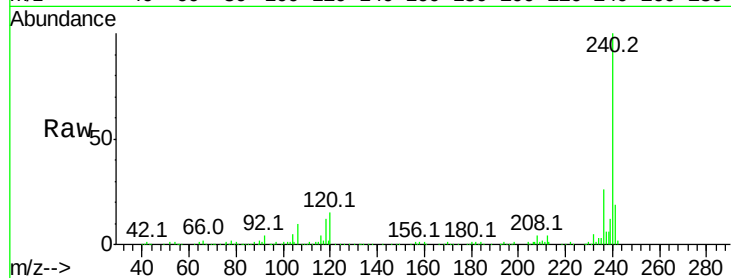
Tot Ion:240 Resp: 261784

Ion Ratio Lower Upper

240 100

120 14.8 9.5 14.3#

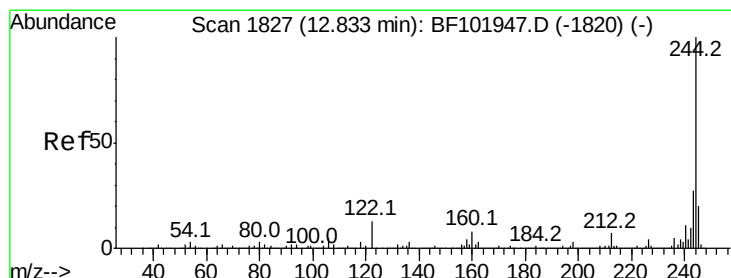
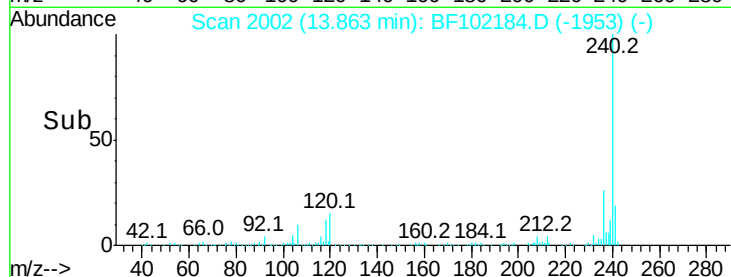
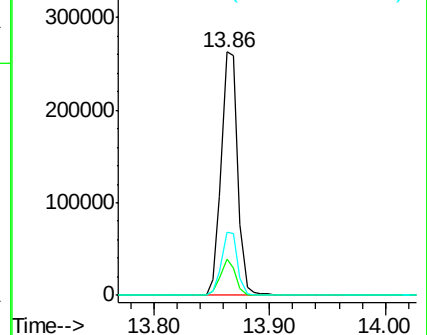
236 26.0 20.7 31.1



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



#78

Terphenyl-d14

Concen: 88.153 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102184.D

Acq: 18 Jan 2018 7:42

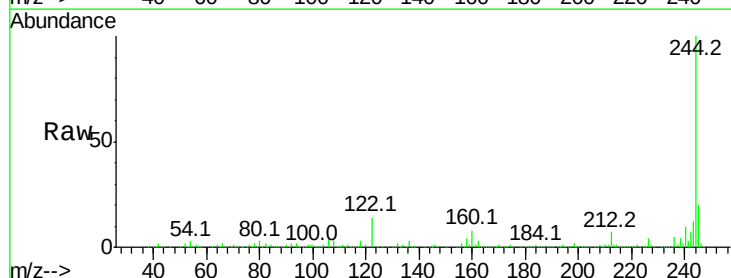
Tgt Ion:244 Resp: 1111467

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

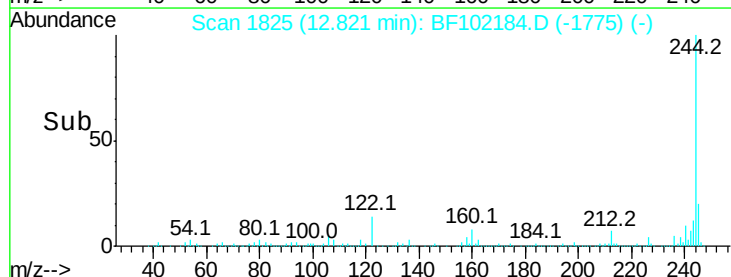
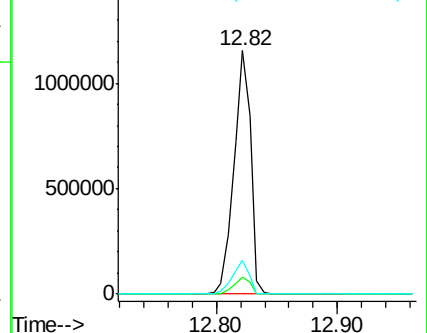
122 13.6 11.0 16.4

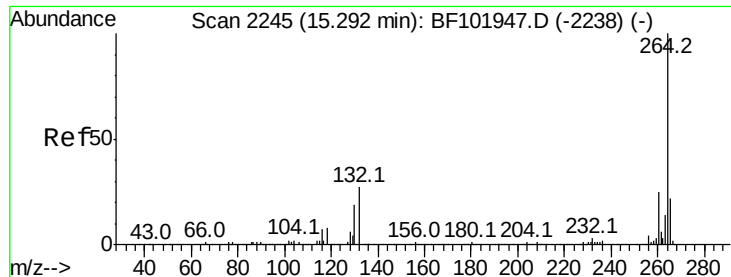


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

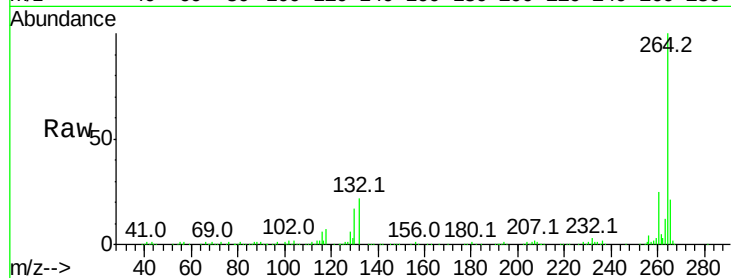




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2243
Delta R.T. -0.01 min
Lab File: BF102184.D
Acq: 18 Jan 2018 7:42

Instrument :
BNA_F
ClientSampleId :
OILY-STONES

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	21.5	17.5	26.3



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

