

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012218\
 Data File : BF102308.D
 Acq On : 22 Jan 2018 19:22
 Operator : SJ/JU
 Sample : J1212-03 100X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OILY-STONES

Quant Time: Jan 23 02:19:21 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 22 13:38:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	121477	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	499200	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	218480	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	360989	20.00	ng	0.00
75) Chrysene-d12	13.87	240	270655	20.00	ng	0.00
86) Perylene-d12	15.29	264	253064	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	6555	0.82	ng	0.00
7) Phenol-d6	6.35	99	9524	0.99	ng	0.00
23) Nitrobenzene-d5	7.28	82	6155	0.71	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	1658	0.77	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	12542	0.84	ng	-0.01
78) Terphenyl-d14	12.82	244	11675	0.97	ng	0.00

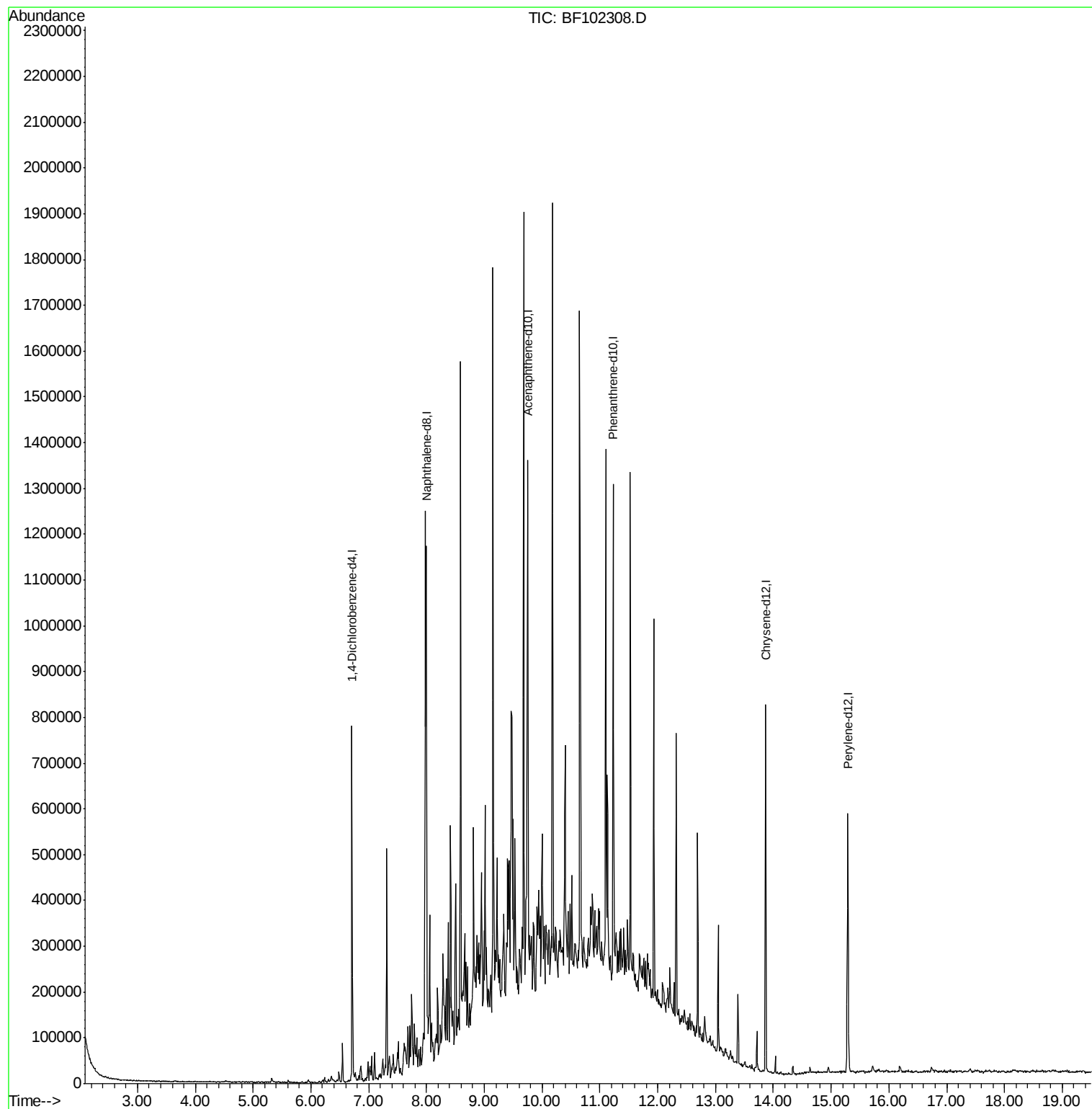
Target Compounds Qvalue

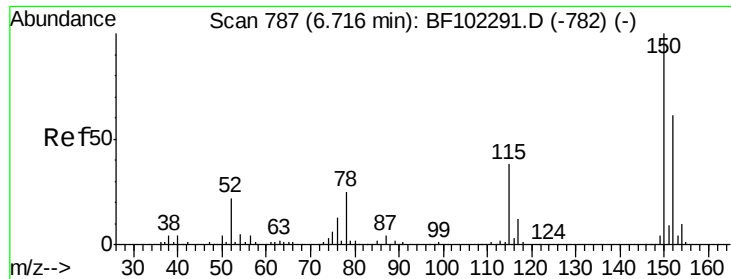
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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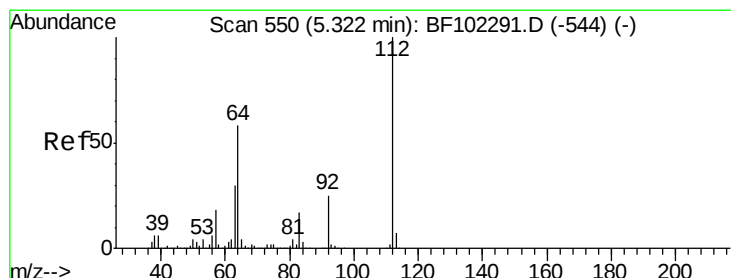
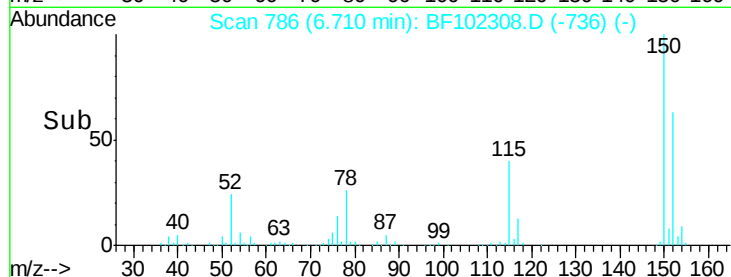
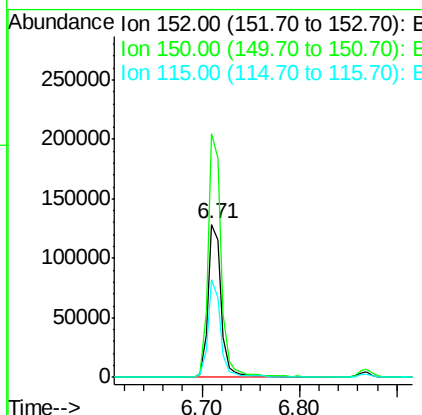
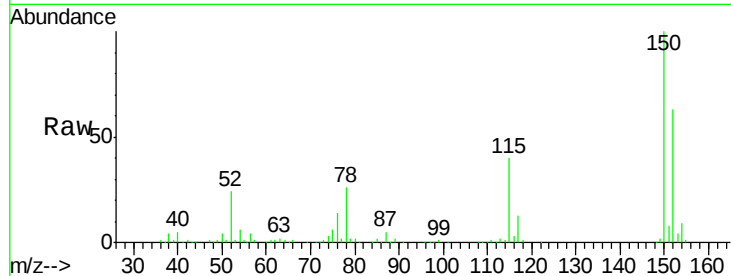


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF102308.D
Acq: 22 Jan 2018 19:22

Instrument :
BNA_F
ClientSampleId :
OILY-STONES

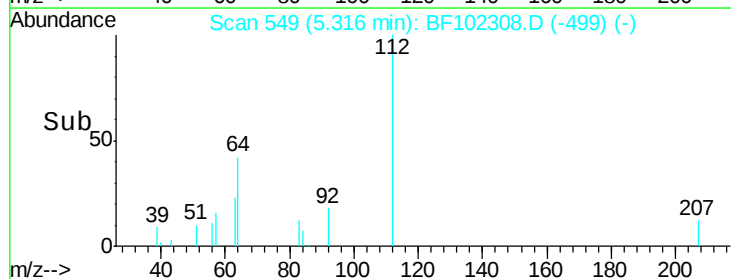
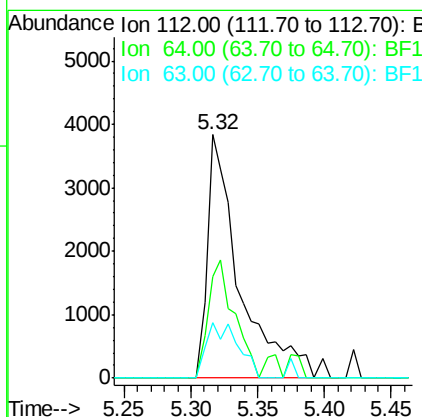
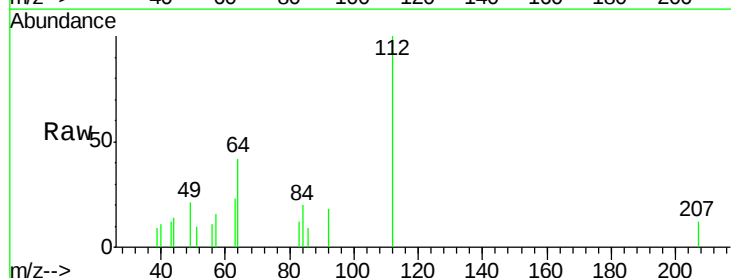
Tot Ion:152 Resp: 121477
Ion Ratio Lower Upper
152 100
150 158.8 124.6 186.8
115 63.7 50.1 75.1

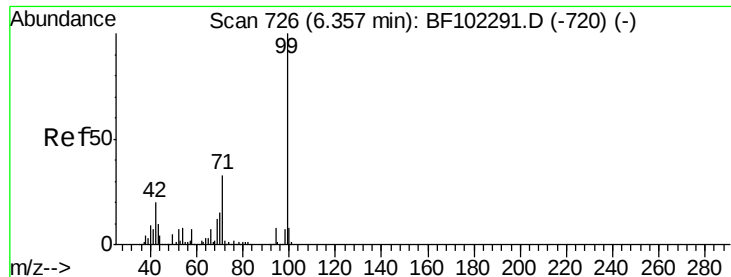


#5

2-Fluorophenol
Concen: 0.818 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.01 min
Lab File: BF102308.D
Acq: 22 Jan 2018 19:22

Tgt Ion:112 Resp: 6555
Ion Ratio Lower Upper
112 100
64 41.8 47.9 71.9#
63 22.7 23.7 35.5#





#7

Phenol-d6

Concen: 0.986 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF102308.D

Acq: 22 Jan 2018 19:22

Instrument :

BNA_F

ClientSampleId :

OILY-STONES

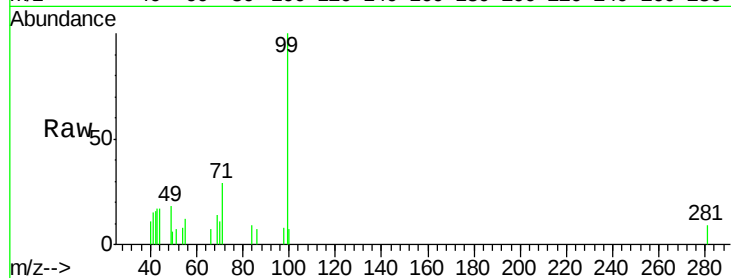
Tot Ion: 99 Resp: 9524

Ion Ratio Lower Upper

99 100

42 16.3 14.5 21.7

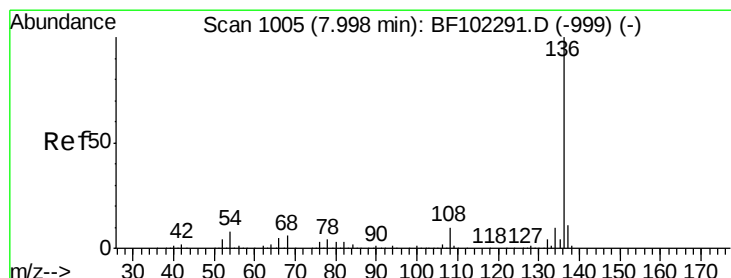
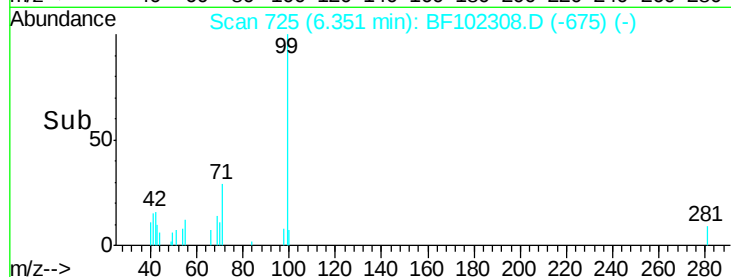
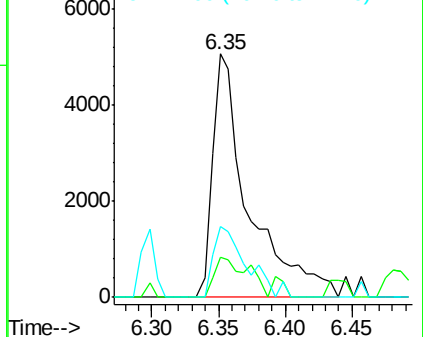
71 28.9 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BF102308.D

Acq: 22 Jan 2018 19:22

Tgt Ion: 136 Resp: 499200

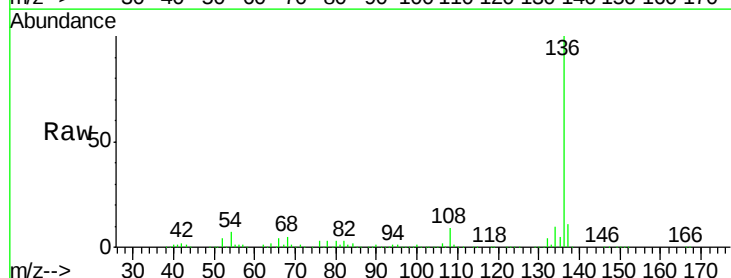
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 7.4 6.6 9.8

68 5.2 5.0 7.4

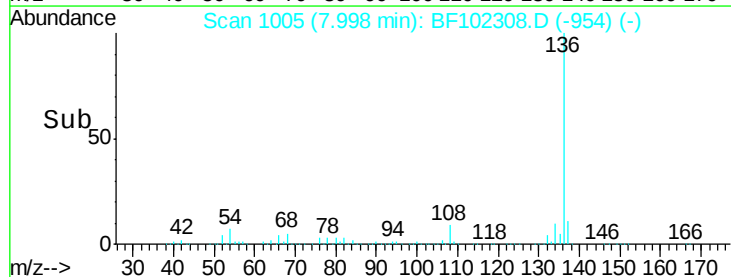
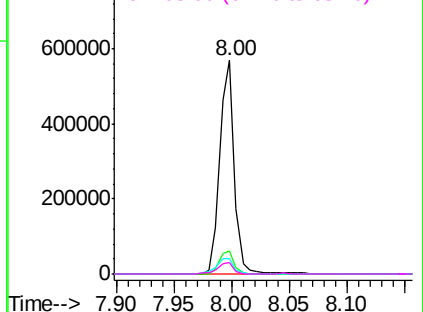


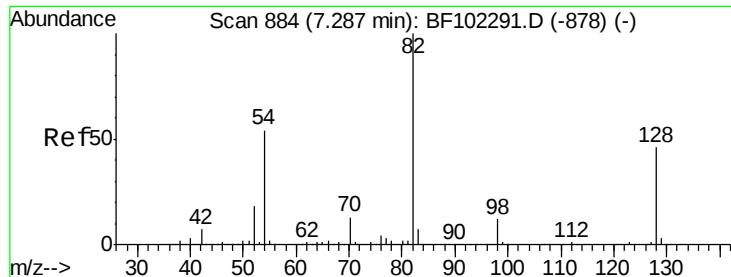
Abundance Ion 136.00 (135.70 to 136.70): E

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

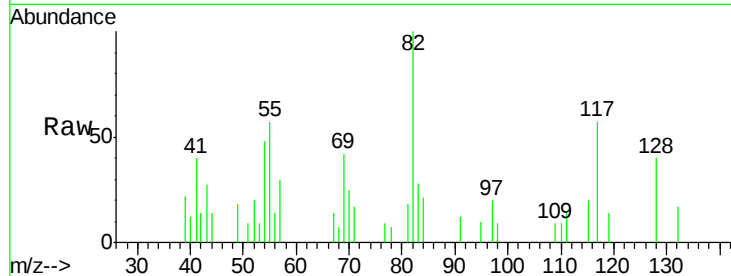




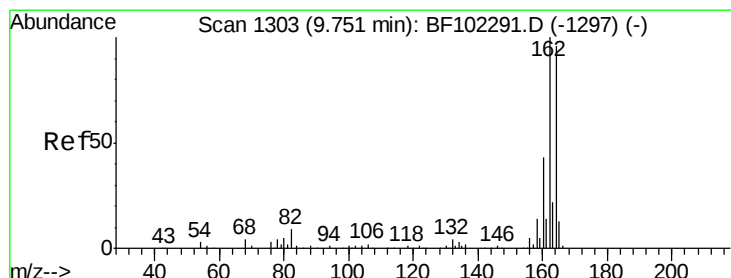
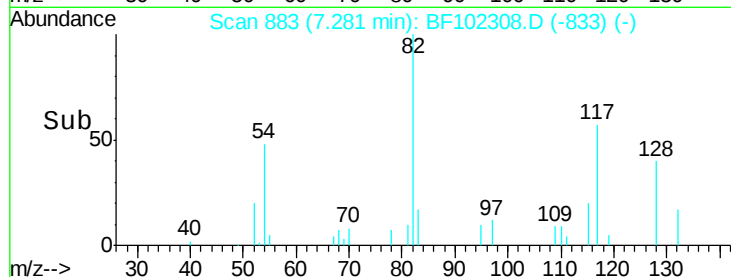
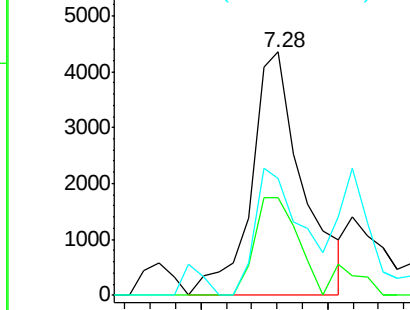
#23
 Nitrobenzene-d5
 Concen: 0.709 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF102308.D
 Acq: 22 Jan 2018 19:22

Instrument :
 BNA_F
 ClientSampleId :
 OILY-STONES

Tot Ion: 82 Resp: 6155
 Ion Ratio Lower Upper
 82 100
 128 39.9 36.1 54.1
 54 48.0 41.4 62.2

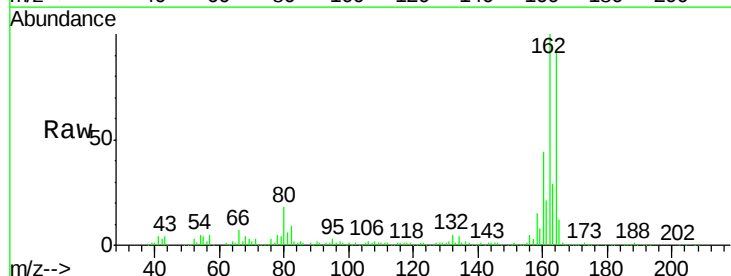


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

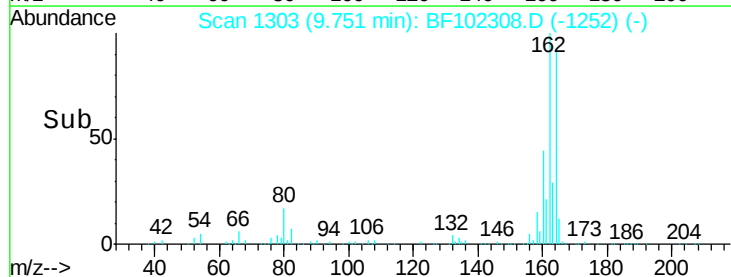
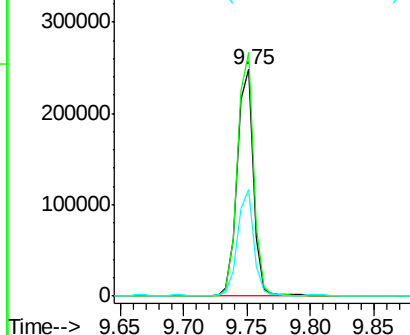


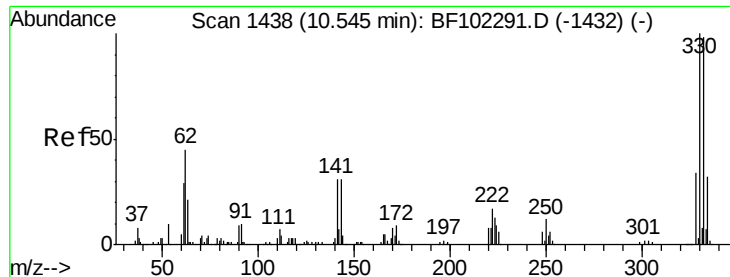
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.00 min
 Lab File: BF102308.D
 Acq: 22 Jan 2018 19:22

Tgt Ion:164 Resp: 218480
 Ion Ratio Lower Upper
 164 100
 162 107.3 86.1 129.1
 160 47.0 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

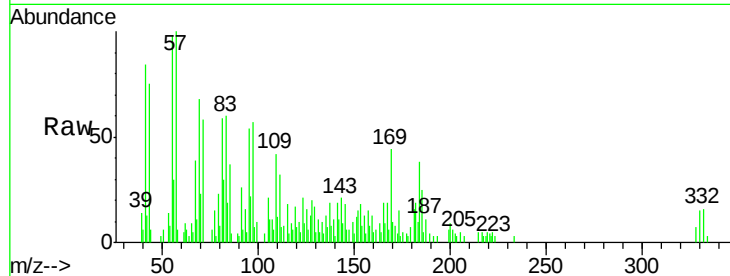




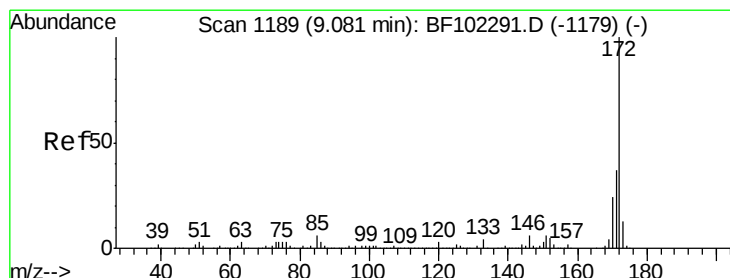
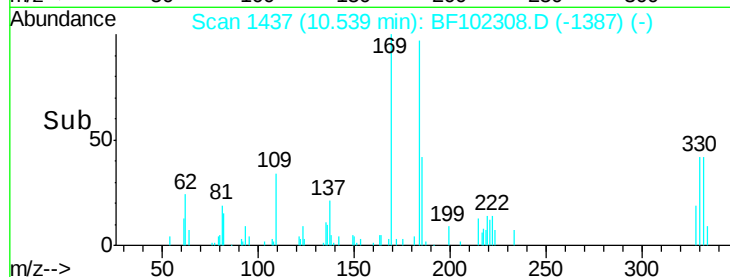
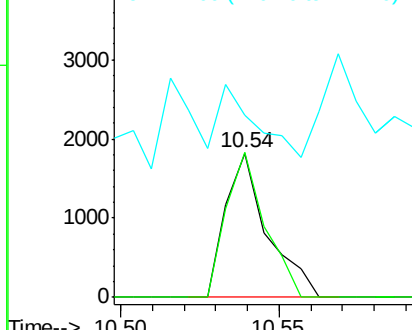
#41
 2,4,6-Tribromophenol
 Concen: 0.766 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF102308.D
 Acq: 22 Jan 2018 19:22

Instrument :
 BNA_F
 ClientSampleId :
 OILY-STONES

Tot Ion:330 Resp: 1658
 Ion Ratio Lower Upper
 330 100
 332 92.9 77.0 115.6
 141 43.8 29.9 44.9

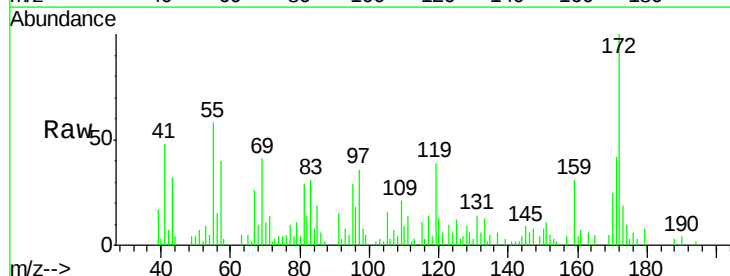


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

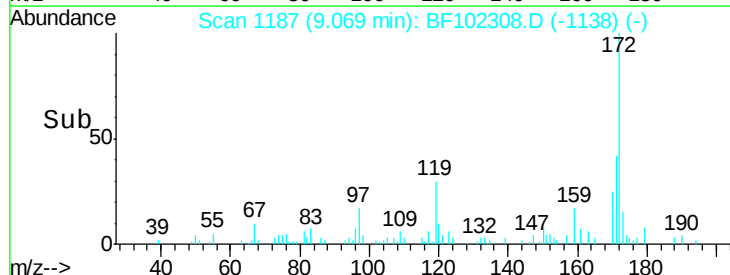
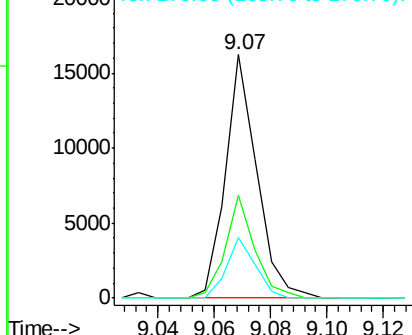


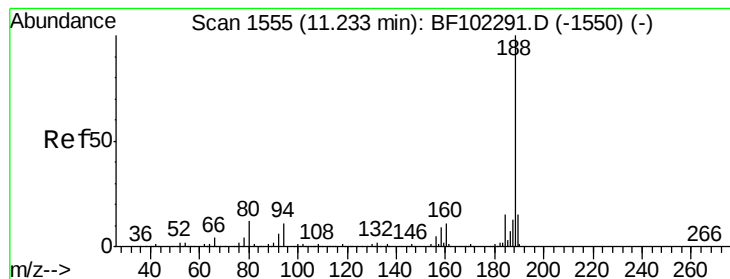
#44
 2-Fluorobiphenyl
 Concen: 0.844 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF102308.D
 Acq: 22 Jan 2018 19:22

Tgt Ion:172 Resp: 12542
 Ion Ratio Lower Upper
 172 100
 171 42.0 29.7 44.5
 170 25.0 19.6 29.4



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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.23 min Scan# 1555

Delta R.T. -0.00 min

Lab File: BF102308.D

Acq: 22 Jan 2018 19:22

Instrument :

BNA_F

ClientSampled :

OILY-STONES

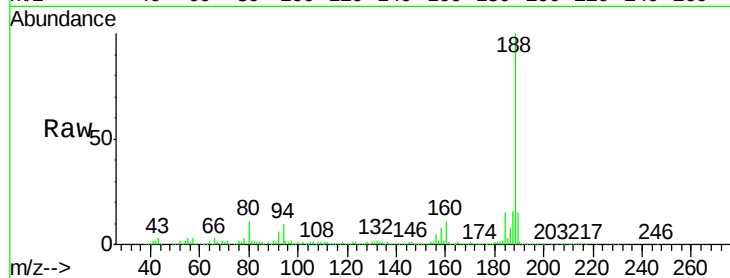
Tot Ion:188 Resp: 360989

Ion Ratio Lower Upper

188 100

94 10.2 8.5 12.7

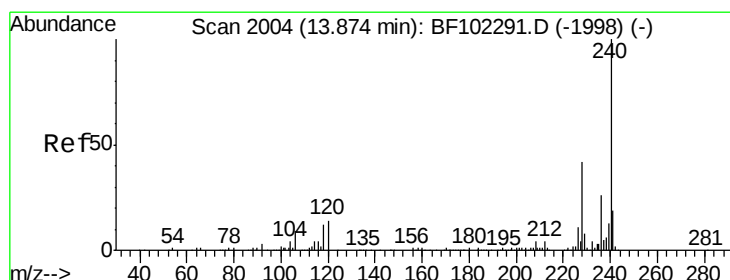
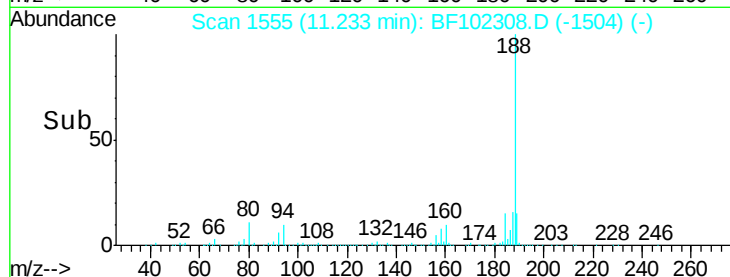
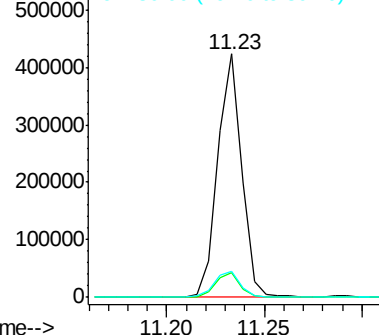
80 10.9 9.2 13.8



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF102308.D

Acq: 22 Jan 2018 19:22

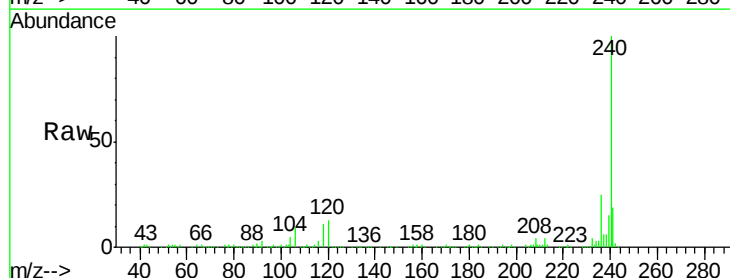
Tgt Ion:240 Resp: 270655

Ion Ratio Lower Upper

240 100

120 12.5 9.5 14.3

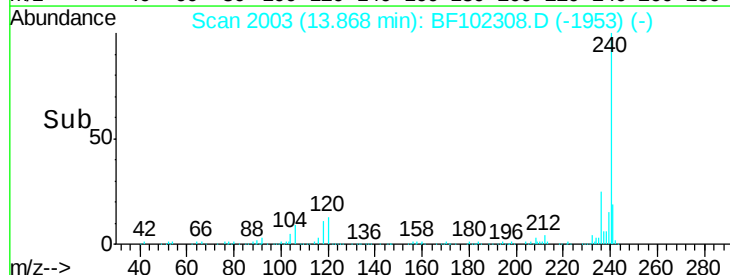
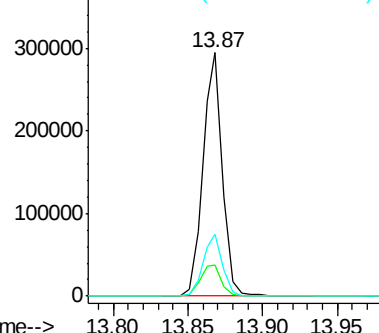
236 25.2 20.7 31.1

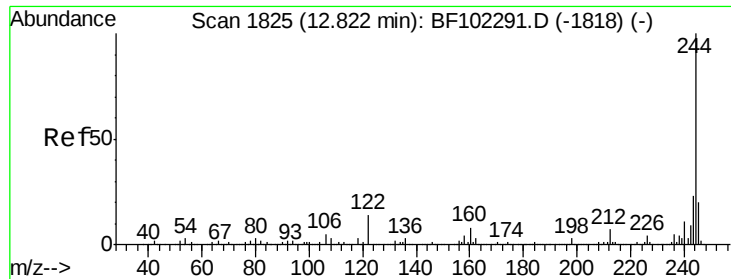


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

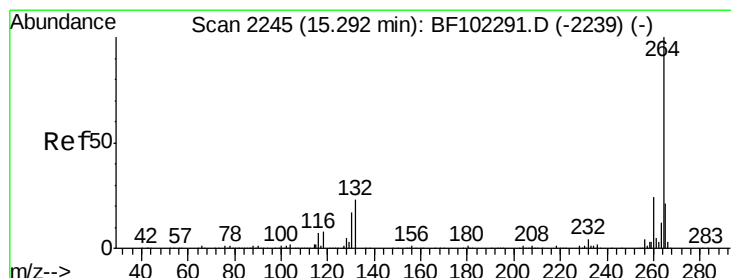
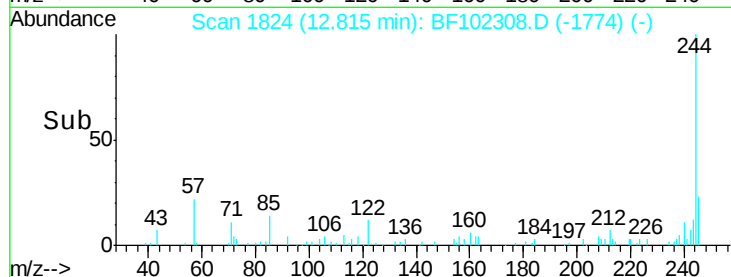
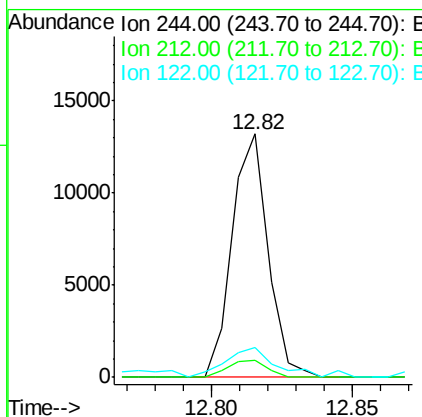
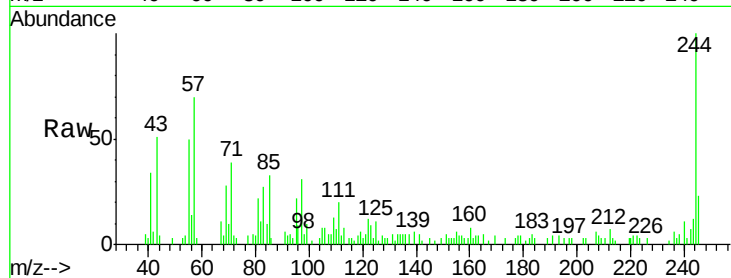




#78
 Terphenyl-d14
 Concen: 0.972 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: BF102308.D
 Acq: 22 Jan 2018 19:22

Instrument :
 BNA_F
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 OILY-STONES

Tot Ion:244 Resp: 11675
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 12.0 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.29 min Scan# 2245
 Delta R.T. -0.00 min
 Lab File: BF102308.D
 Acq: 22 Jan 2018 19:22

Tgt Ion:264 Resp: 253064
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 21.3 17.5 26.3

