

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
 Data File : BF106342.D
 Acq On : 12 Jun 2018 14:14
 Operator : JU/SJ
 Sample : J3429-01 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OILY-STONES

Quant Time: Jun 13 01:44:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 11 15:00:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	159571	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	594869	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	252533	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	427815	20.00	ng	0.00
75) Chrysene-d12	14.16	240	449212	20.00	ng	0.00
86) Perylene-d12	15.72	264	487184	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	74660	7.92	ng	0.00
7) Phenol-d6	6.58	99	99415	8.35	ng	0.00
23) Nitrobenzene-d5	7.52	82	59475	5.88	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	13808	5.68	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	117295	-1.00	ng	0.00
78) Terphenyl-d14	13.08	244	135007	7.46	ng	0.00

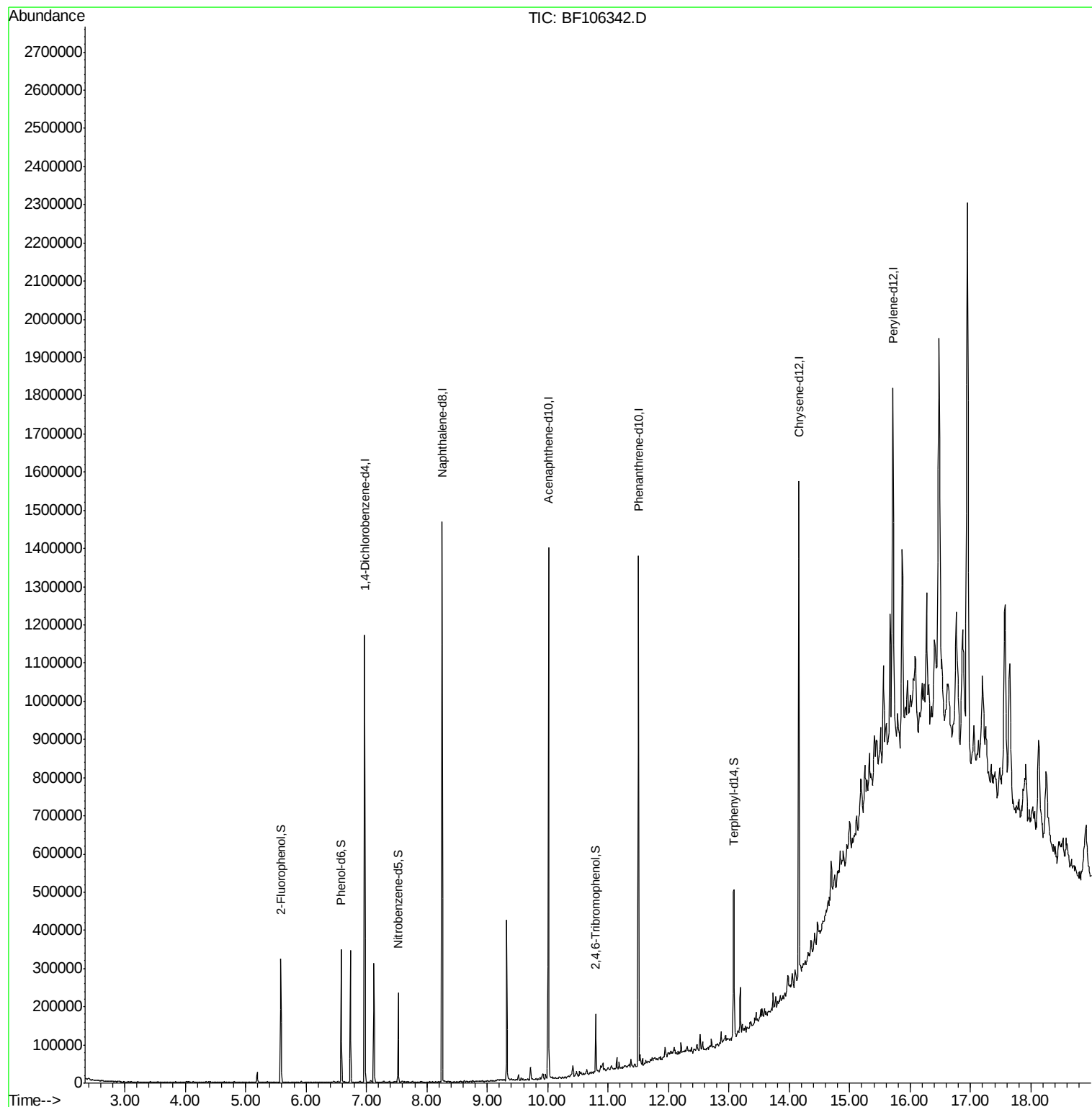
Target Compounds Qvalue

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

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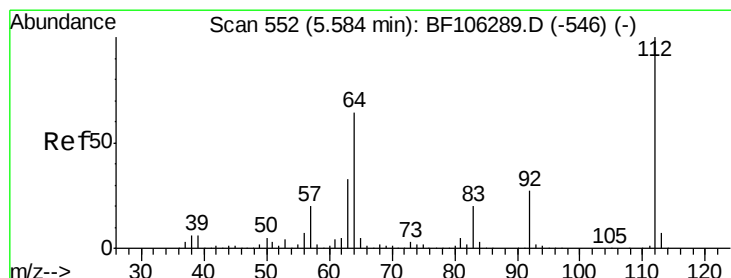
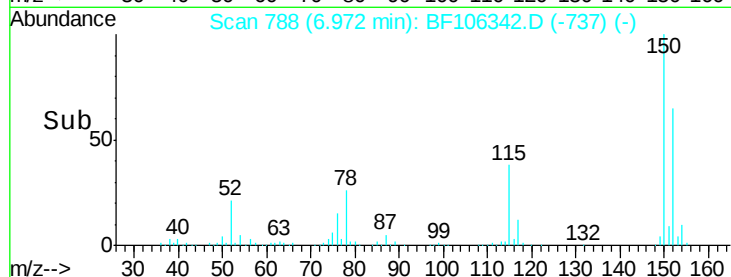
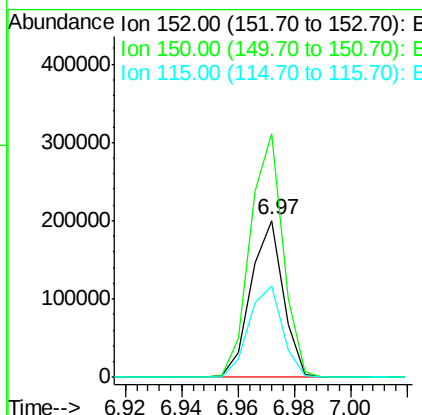
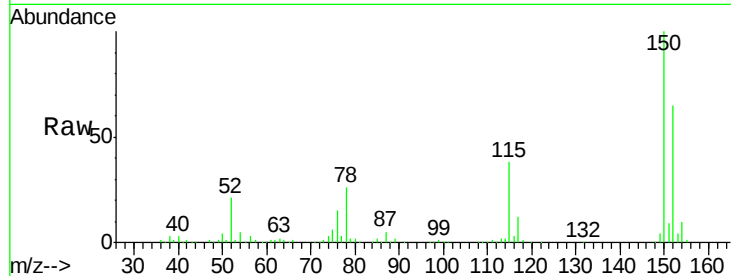




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF106342.D
 Acq: 12 Jun 2018 14:14

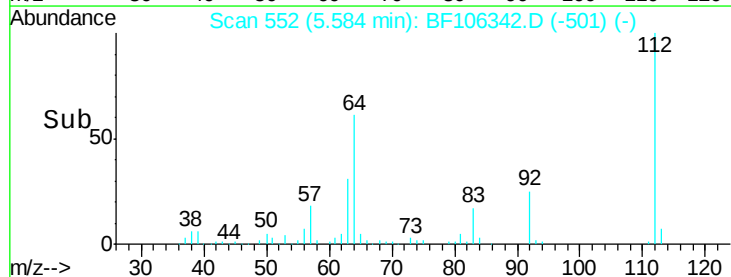
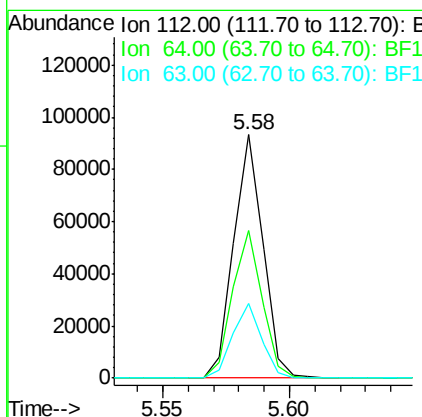
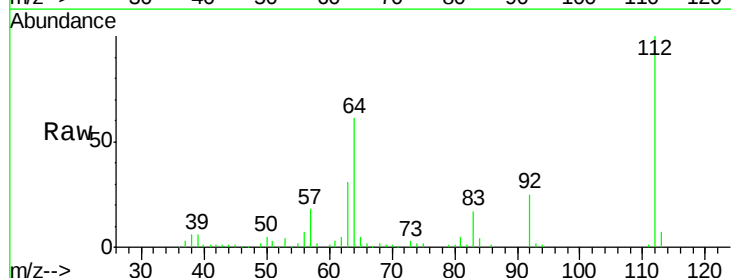
Instrument :
 BNA_F
 ClientSampleId :
 OILY-STONES

Tot Ion:152 Resp: 159571
 Ion Ratio Lower Upper
 152 100
 150 155.0 124.6 186.8
 115 58.2 50.1 75.1



#5
 2-Fluorophenol
 Concen: 7.919 ng
 RT: 5.58 min Scan# 552
 Delta R.T. 0.00 min
 Lab File: BF106342.D
 Acq: 12 Jun 2018 14:14

Tgt Ion:112 Resp: 74660
 Ion Ratio Lower Upper
 112 100
 64 60.8 47.9 71.9
 63 30.7 23.7 35.5





#7

Phenol-d6

Concen: 8.346 ng

RT: 6.58 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF106342.D

Acq: 12 Jun 2018 14:14

Instrument :

BNA_F

ClientSampleId :

OILY-STONES

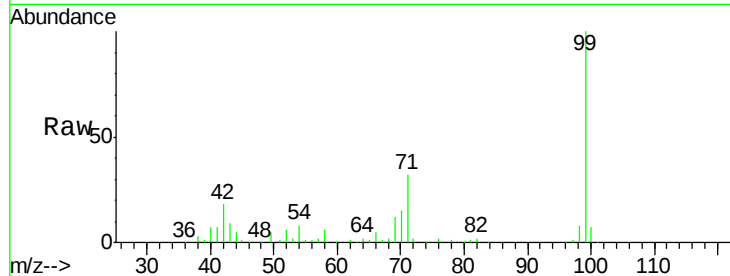
Tot Ion: 99 Resp: 99415

Ion Ratio Lower Upper

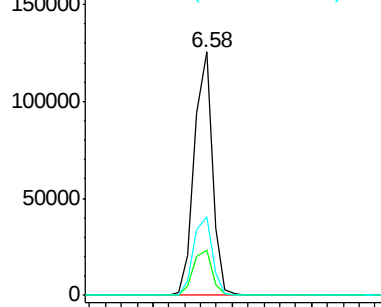
99 100

42 18.3 14.5 21.7

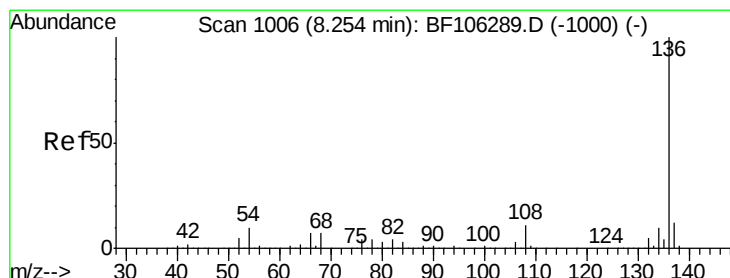
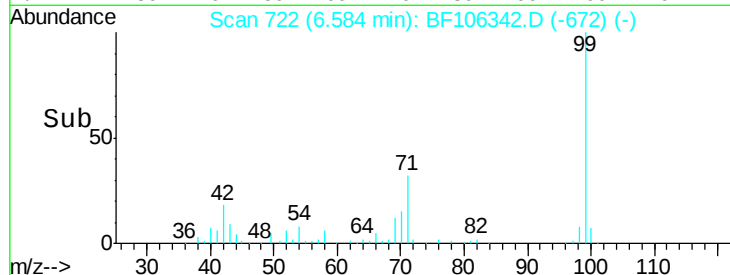
71 32.4 25.4 38.0



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



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1006

Delta R.T. 0.00 min

Lab File: BF106342.D

Acq: 12 Jun 2018 14:14

Tgt Ion: 136 Resp: 594869

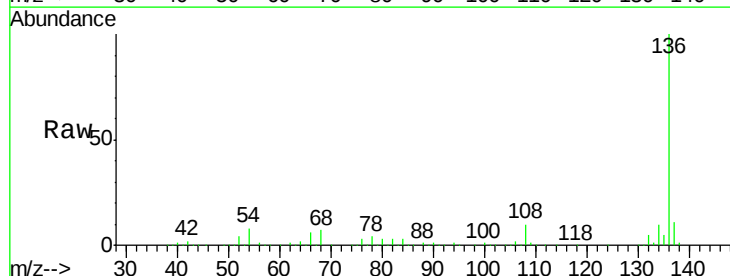
Ion Ratio Lower Upper

136 100

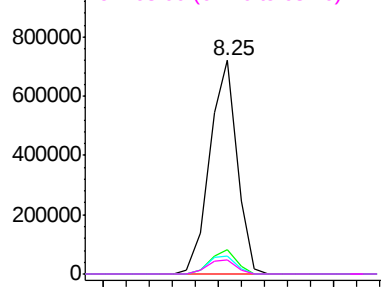
137 11.5 8.9 13.3

54 8.1 6.6 9.8

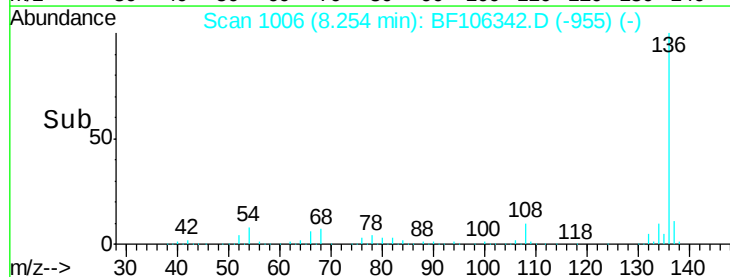
68 6.6 5.0 7.4

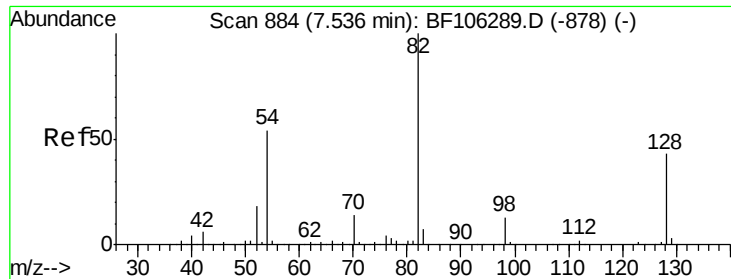


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1



Time-->

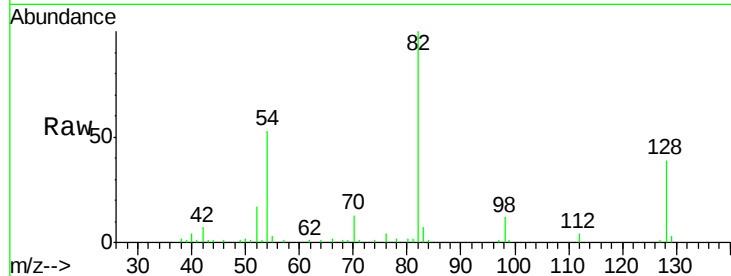




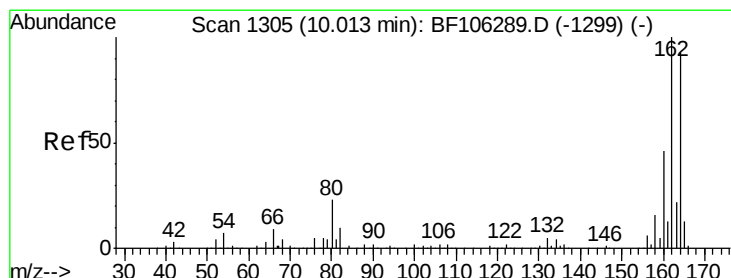
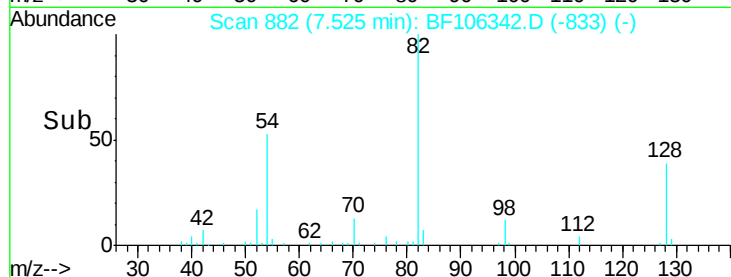
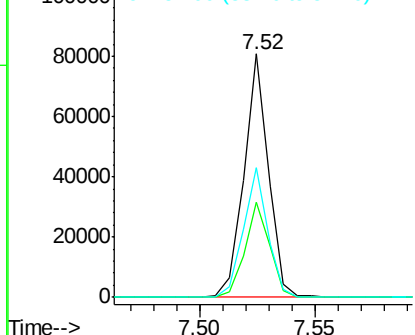
#23
Nitrobenzene-d5
Concen: 5.882 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106342.D
Acq: 12 Jun 2018 14:14

Instrument :
BNA_F
ClientSampleId :
OILY-STONES

Tot Ion: 82 Resp: 59475
Ion Ratio Lower Upper
82 100
128 39.1 36.1 54.1
54 53.4 41.4 62.2

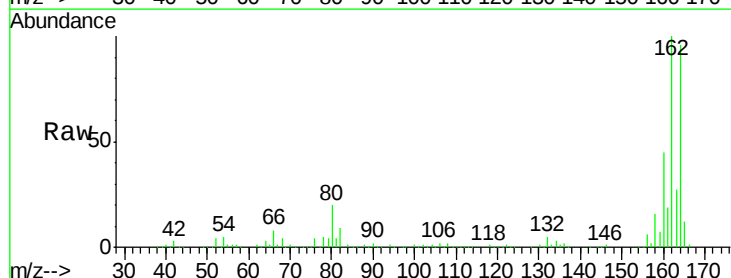


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

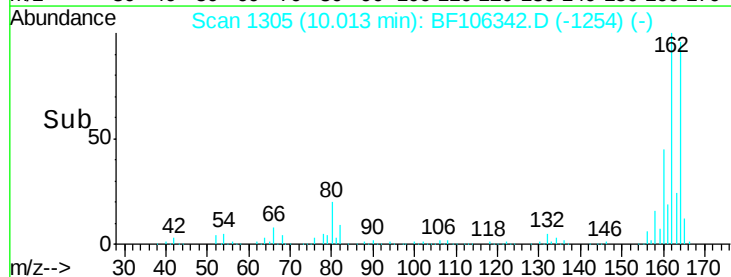
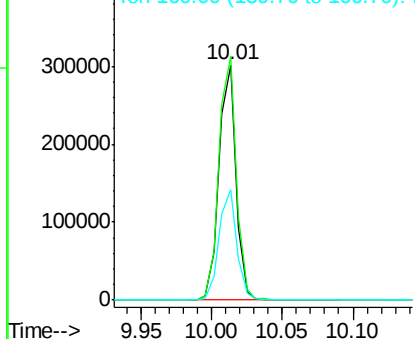


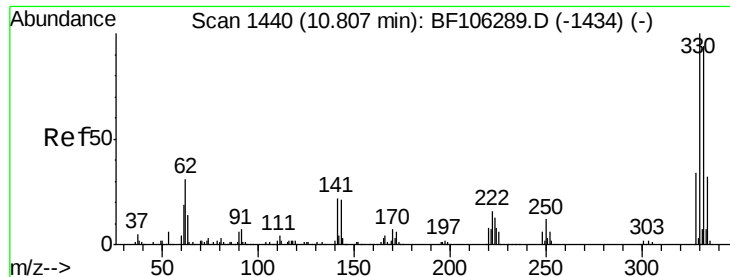
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BF106342.D
Acq: 12 Jun 2018 14:14

Tgt Ion:164 Resp: 252533
Ion Ratio Lower Upper
164 100
162 103.7 86.1 129.1
160 47.2 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

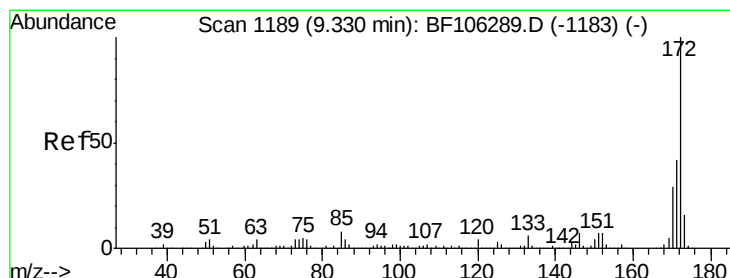
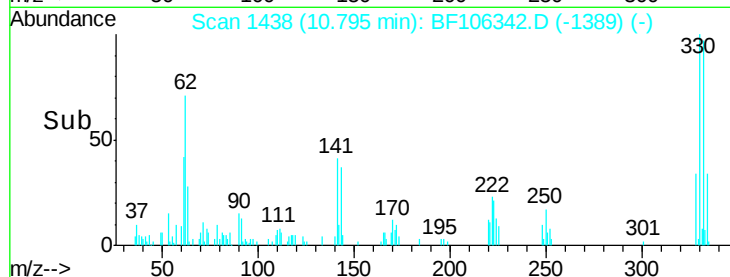
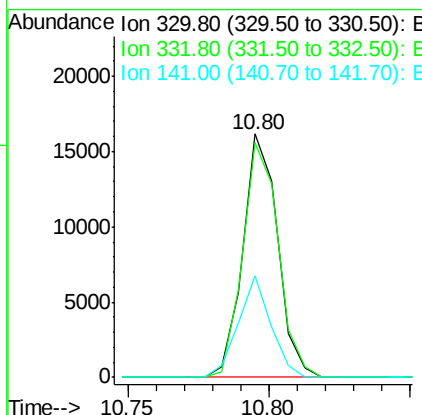
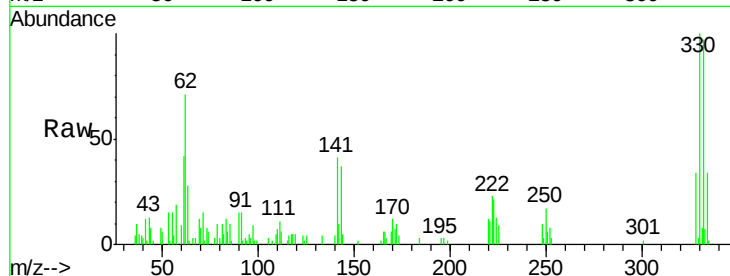




#41
 2,4,6-Tribromophenol
 Concen: 5.683 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106342.D
 Acq: 12 Jun 2018 14:14

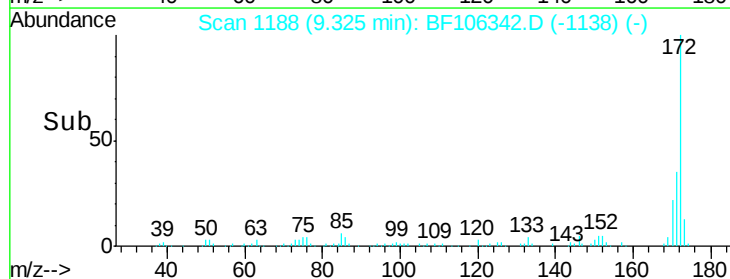
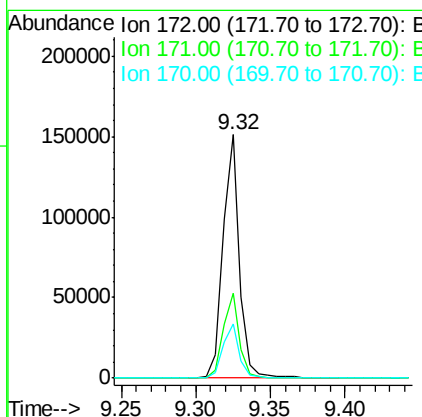
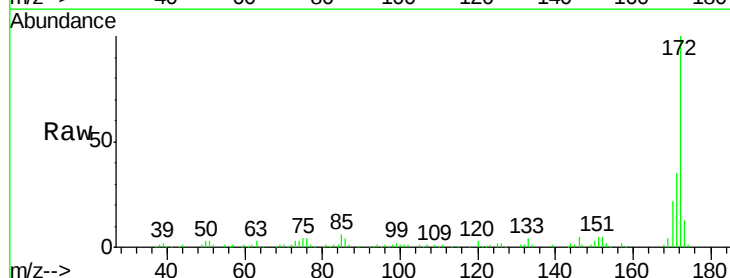
Instrument :
 BNA_F
 ClientSampleId :
 OILY-STONES

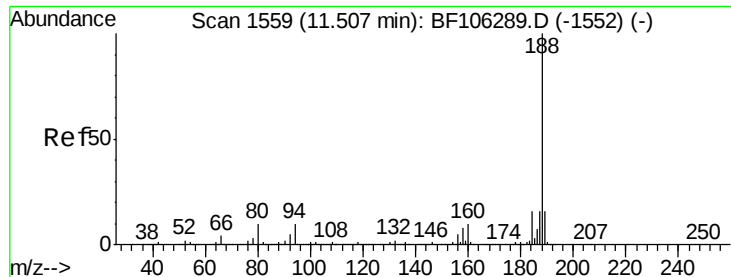
Tot Ion:330 Resp: 13808
 Ion Ratio Lower Upper
 330 100
 332 98.6 77.0 115.6
 141 38.9 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: -1.000 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF106342.D
 Acq: 12 Jun 2018 14:14

Tgt Ion:172 Resp: 117295
 Ion Ratio Lower Upper
 172 100
 171 34.8 29.7 44.5
 170 22.2 19.6 29.4

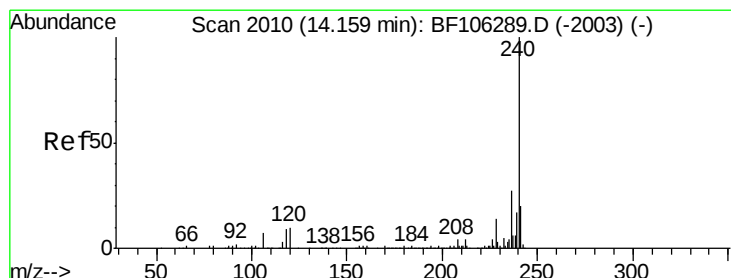
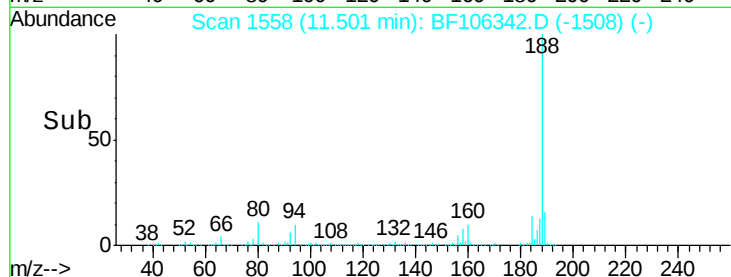
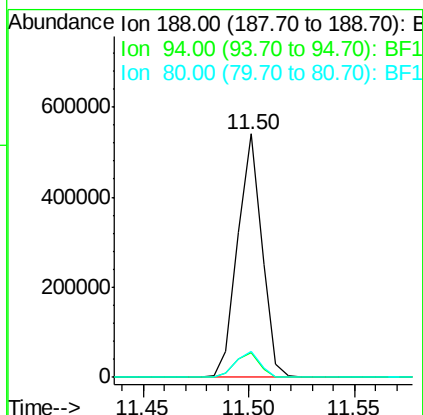
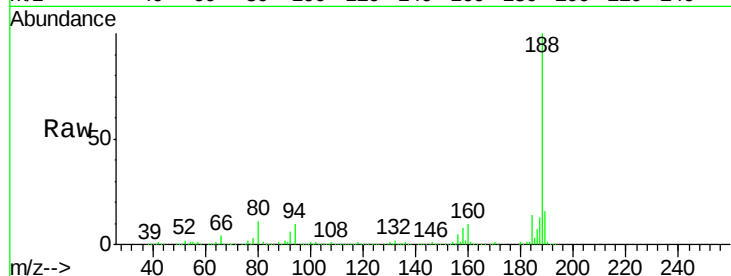




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF106342.D
Acq: 12 Jun 2018 14:14

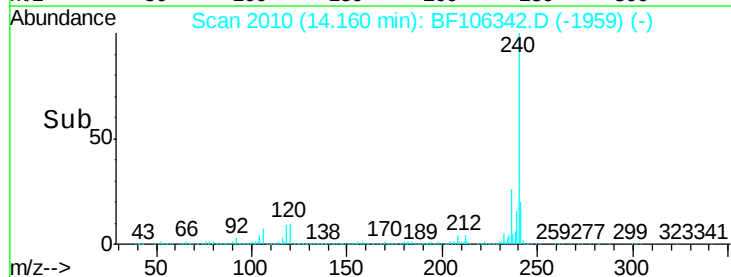
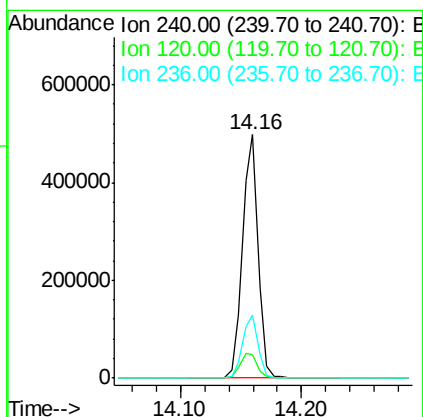
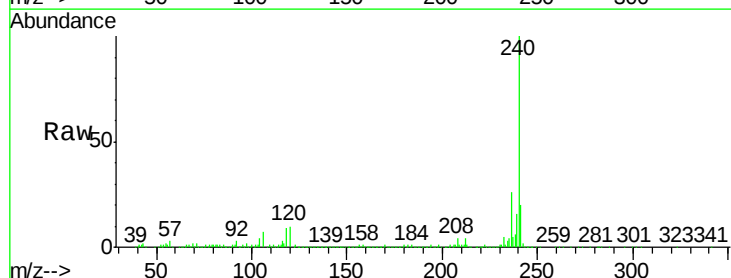
Instrument :
BNA_F
ClientSampleId :
OILY-STONES

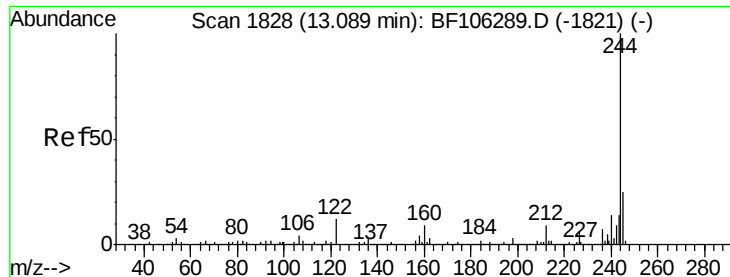
Tot Ion:188 Resp: 427815
Ion Ratio Lower Upper
188 100
94 10.1 8.5 12.7
80 10.6 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2010
Delta R.T. 0.00 min
Lab File: BF106342.D
Acq: 12 Jun 2018 14:14

Tgt Ion:240 Resp: 449212
Ion Ratio Lower Upper
240 100
120 9.9 9.5 14.3
236 26.1 20.7 31.1





#78

Terphenyl-d14

Concen: 7.465 ng

RT: 13.08 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BF106342.D

Acq: 12 Jun 2018 14:14

Instrument :

BNA_F

ClientSampleId :

OILY-STONES

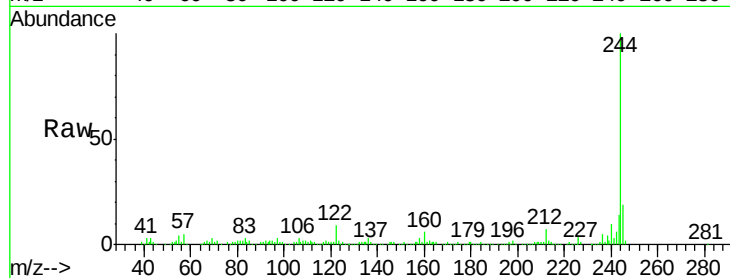
Tot Ion:244 Resp: 135007

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

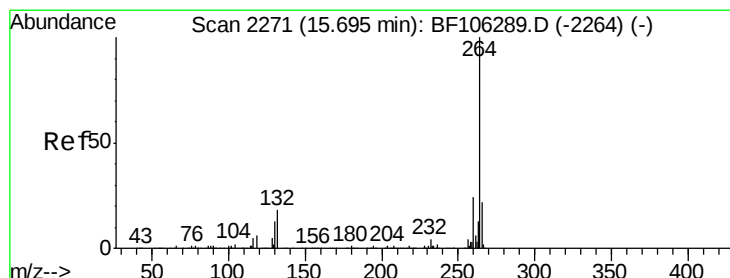
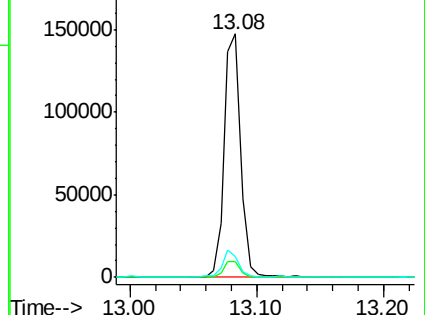
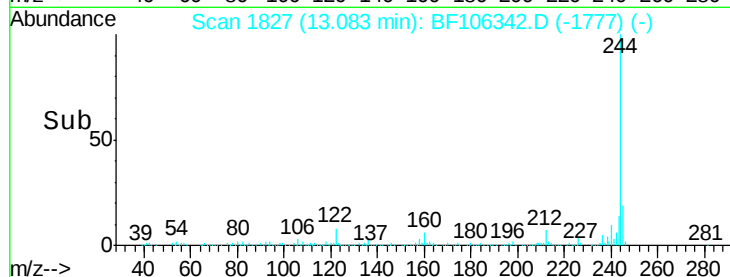
122 8.7 11.0 16.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 15.72 min Scan# 2275

Delta R.T. 0.02 min

Lab File: BF106342.D

Acq: 12 Jun 2018 14:14

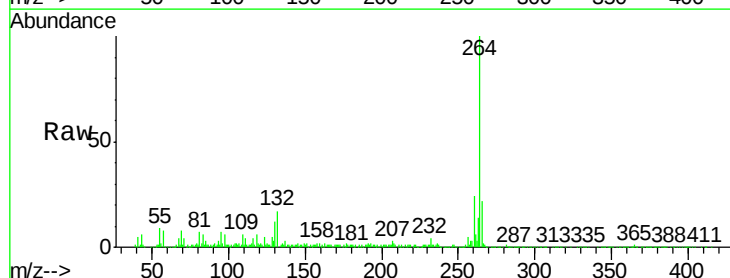
Tgt Ion:264 Resp: 487184

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 21.9 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

