

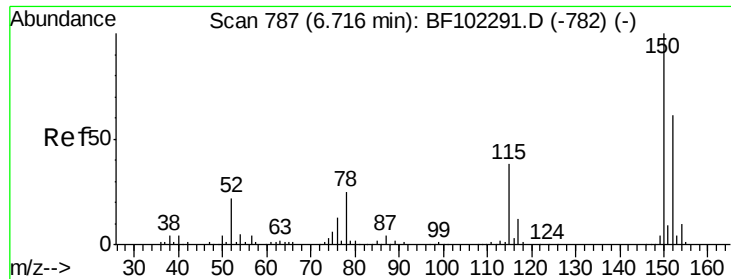
Data Path : Z:\HPCHEM1\BNA F\DATA\BF020118\
 Data File : BF102692.D
 Acq On : 1 Feb 2018 18:00
 Operator : SJ/JU
 Sample : J1384-17
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OILY-CONCRETE

Quant Time: Feb 02 01:03:49 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 18:38:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	159824	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	698567	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	323732	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	543190	20.00	ng	0.00
75) Chrysene-d12	13.86	240	338966	20.00	ng	0.00
86) Perylene-d12	15.29	264	262030	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1187368	112.65	ng	0.03
7) Phenol-d6	6.37	99	1393008	109.62	ng	0.02
23) Nitrobenzene-d5	7.27	82	962729	79.20	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	354688	110.57	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	1721416	78.18	ng	0.00
78) Terphenyl-d14	12.81	244	1519855	101.08	ng	0.00
Target Compounds						
32) Benzoic acid	7.81	122	36859	4.627	ng	Qvalue 96

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

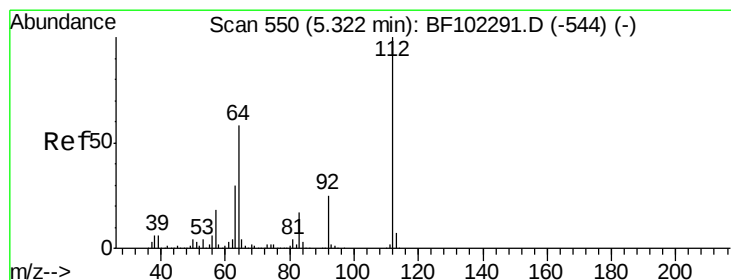
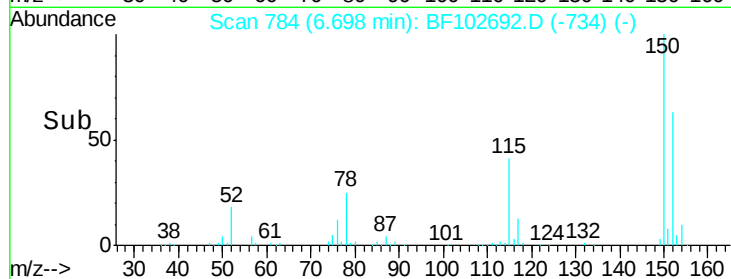
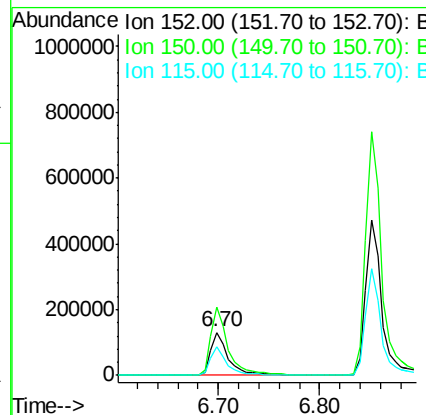
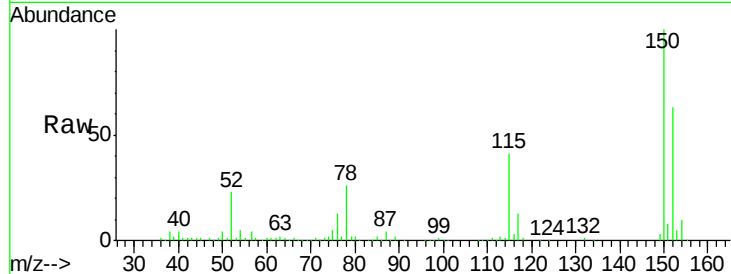


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF102692.D
Acq: 1 Feb 2018 18:00

Instrument :
BNA_F
ClientSampleId :
OILY-CONCRETE

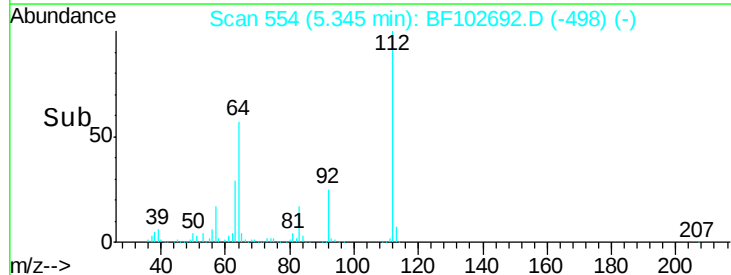
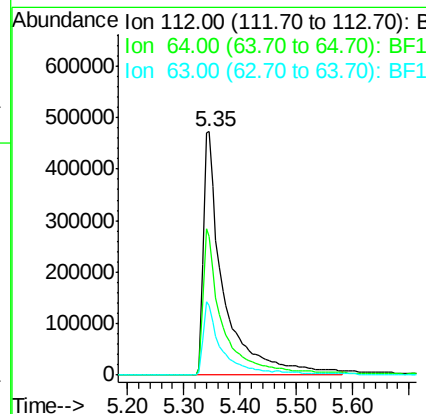
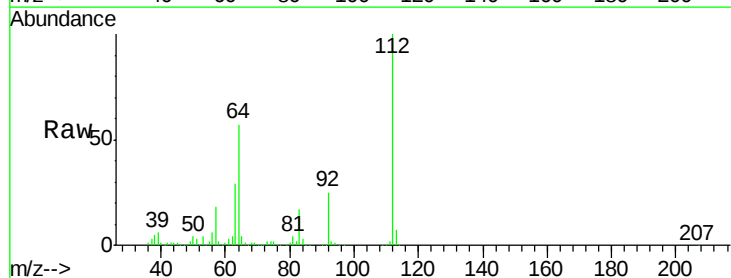
Tot Ion:152 Resp: 159824
Ion Ratio Lower Upper
152 100
150 159.0 124.6 186.8
115 64.9 50.1 75.1

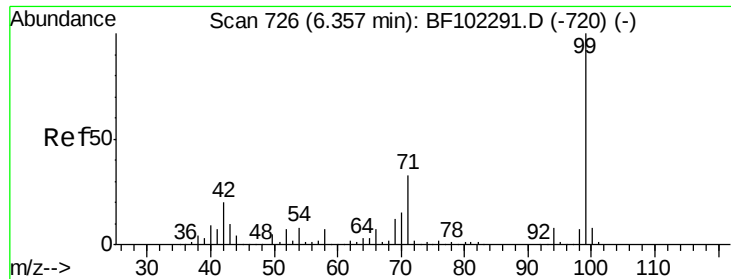


#5

2-Fluorophenol
Concen: 112.646 ng
RT: 5.35 min Scan# 554
Delta R.T. 0.03 min
Lab File: BF102692.D
Acq: 1 Feb 2018 18:00

Tgt Ion:112 Resp: 1187368
Ion Ratio Lower Upper
112 100
64 56.7 47.9 71.9
63 28.6 23.7 35.5





#7

Phenol-d6

Concen: 109.619 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.02 min

Lab File: BF102692.D

Acq: 1 Feb 2018 18:00

Instrument :

BNA_F

ClientSampleId :

OILY-CONCRETE

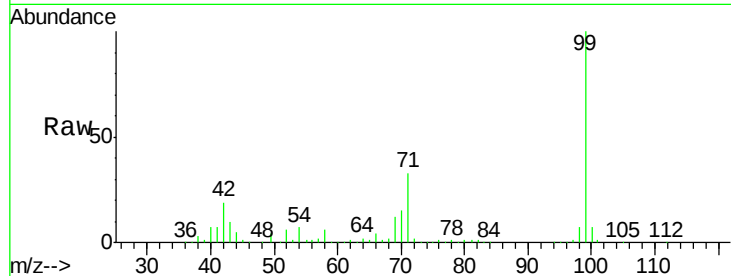
Tot Ion: 99 Resp: 1393008

Ion Ratio Lower Upper

99 100

42 18.8 14.5 21.7

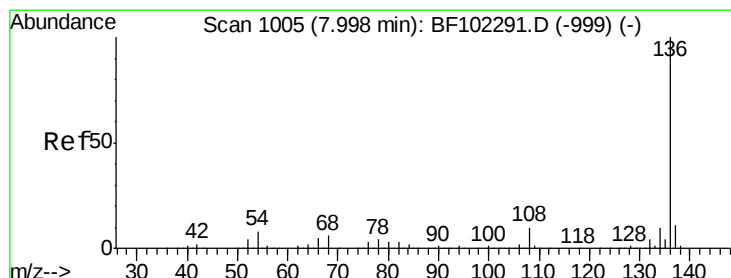
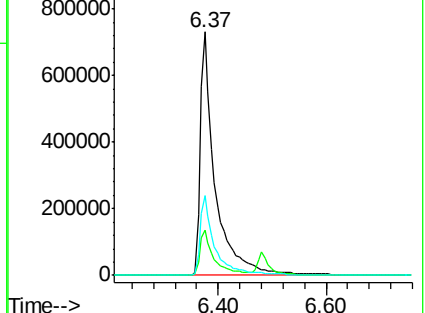
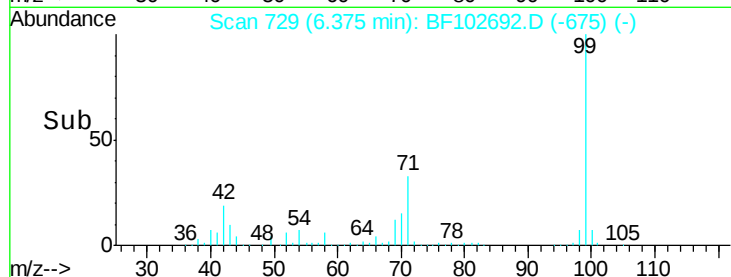
71 32.7 25.4 38.0



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: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF102692.D

Acq: 1 Feb 2018 18:00

Tgt Ion:136 Resp: 698567

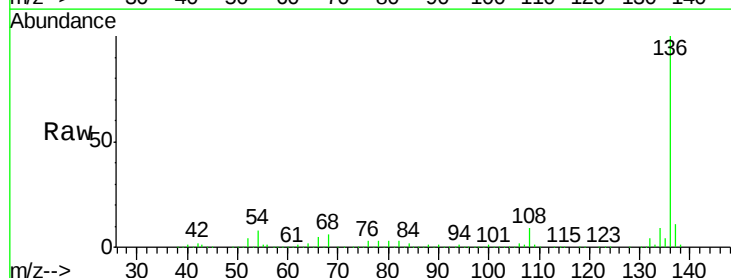
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.3 6.6 9.8

68 5.8 5.0 7.4

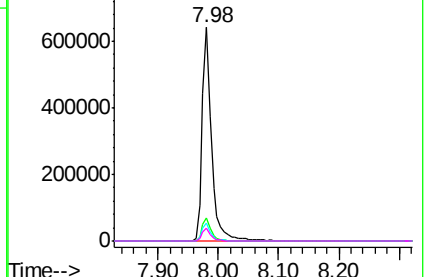
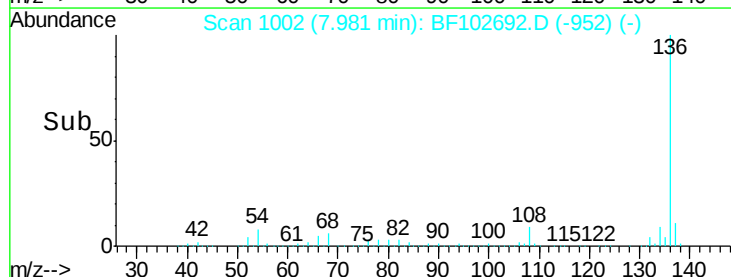


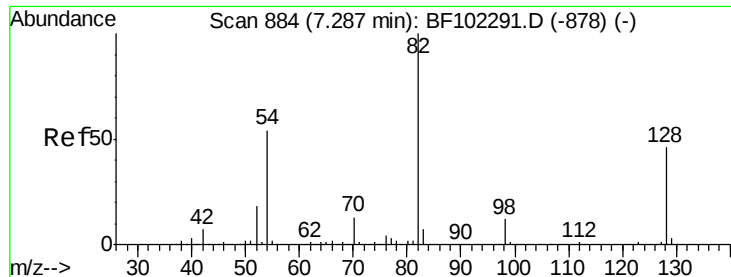
Abundance Ion 136.00 (135.70 to 136.70): E

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

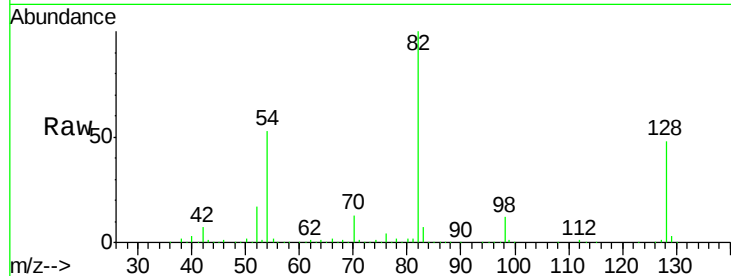




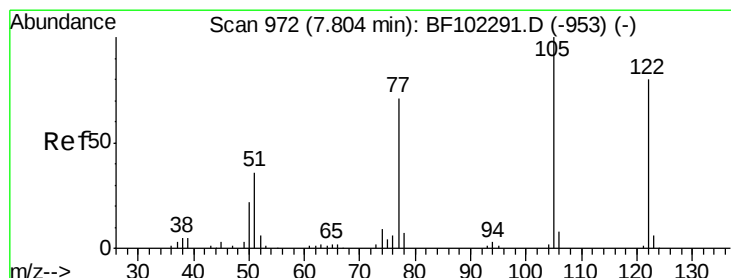
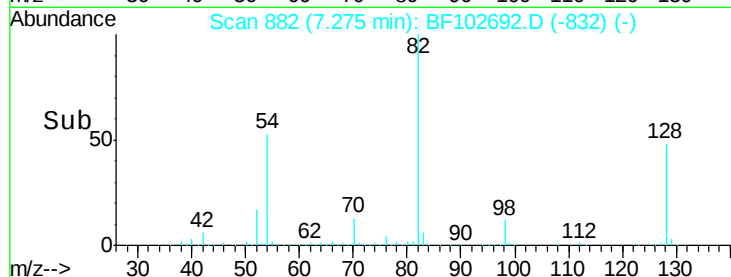
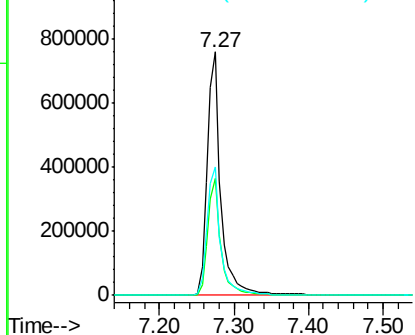
#23
 Nitrobenzene-d5
 Concen: 79.198 ng
 RT: 7.27 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF102692.D
 Acq: 1 Feb 2018 18:00

Instrument :
 BNA_F
 ClientSampleId :
 OILY-CONCRETE

Tot Ion: 82 Resp: 962729
 Ion Ratio Lower Upper
 82 100
 128 47.9 36.1 54.1
 54 52.9 41.4 62.2

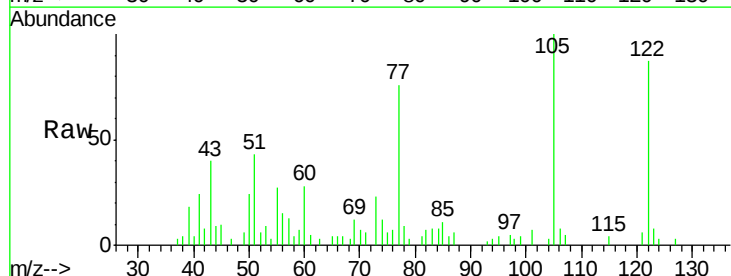


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

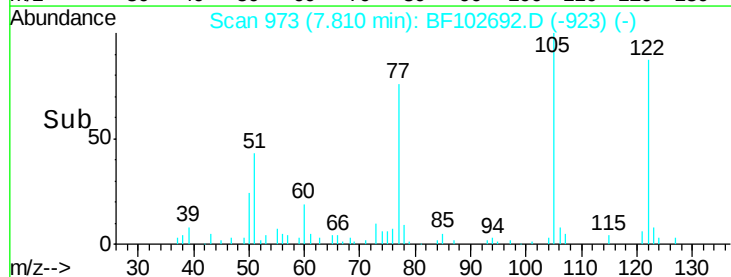
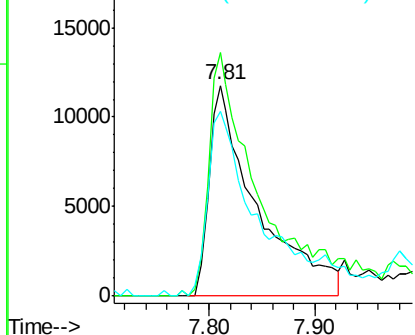


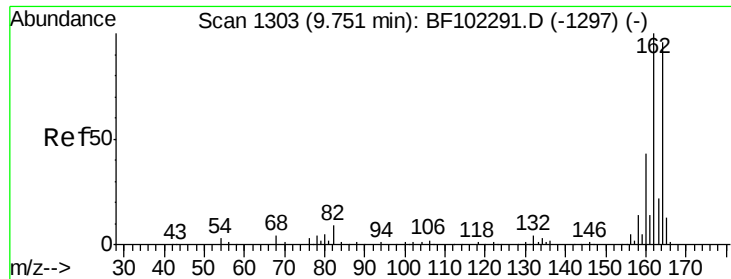
#32
 Benzoic acid
 Concen: 4.627 ng
 RT: 7.81 min Scan# 973
 Delta R.T. -0.01 min
 Lab File: BF102692.D
 Acq: 1 Feb 2018 18:00

Tgt Ion: 122 Resp: 36859
 Ion Ratio Lower Upper
 122 100
 105 115.6 101.1 141.1
 77 87.7 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): BF1
 Ion 105.00 (104.70 to 105.70): BF1
 Ion 77.00 (76.70 to 77.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF102692.D

Acq: 1 Feb 2018 18:00

Instrument :

BNA_F

ClientSampleId :

OILY-CONCRETE

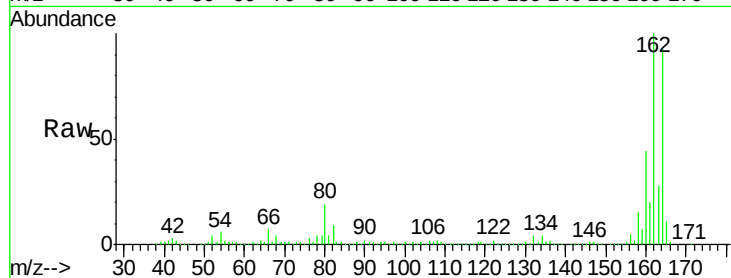
Tot Ion:164 Resp: 323732

Ion Ratio Lower Upper

164 100

162 107.3 86.1 129.1

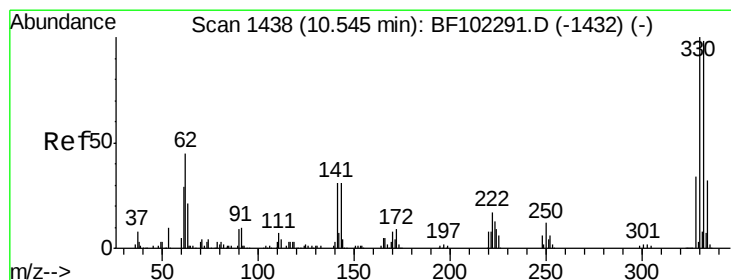
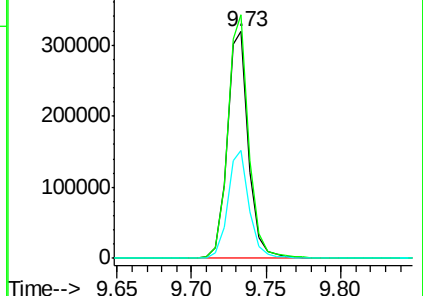
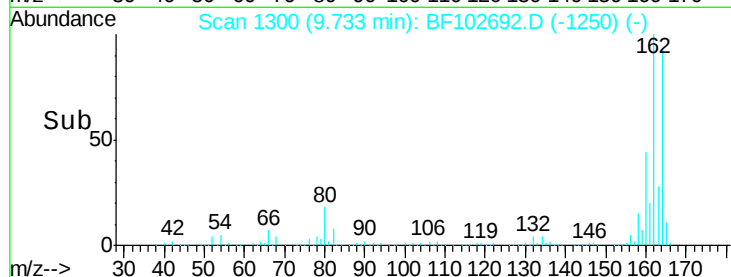
160 47.5 38.3 57.5



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: 110.573 ng

RT: 10.53 min Scan# 1436

Delta R.T. 0.00 min

Lab File: BF102692.D

Acq: 1 Feb 2018 18:00

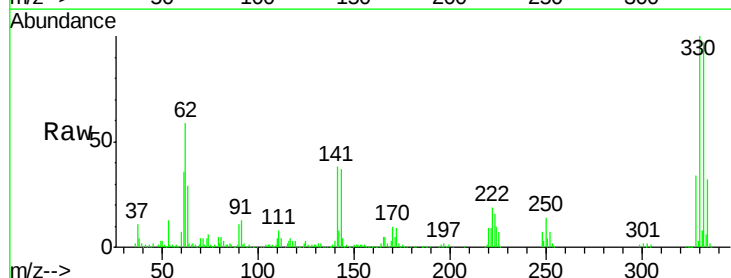
Tgt Ion:330 Resp: 354688

Ion Ratio Lower Upper

330 100

332 97.4 77.0 115.6

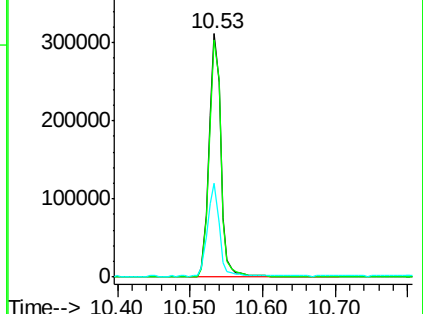
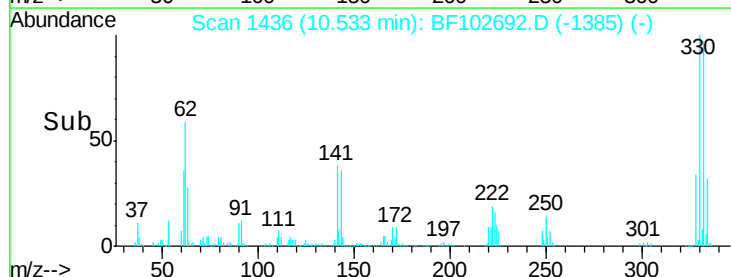
141 37.4 29.9 44.9

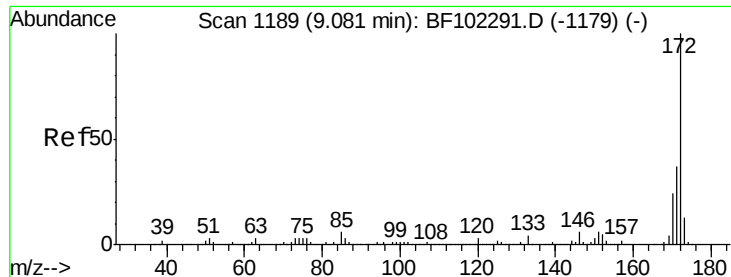


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

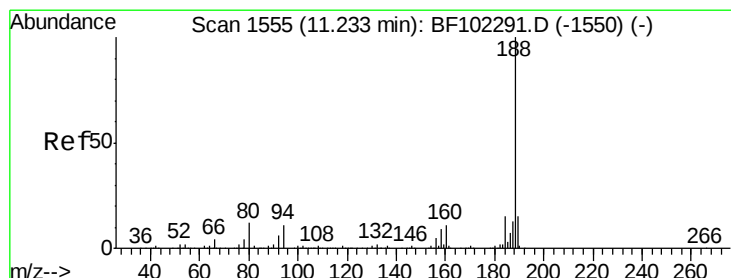
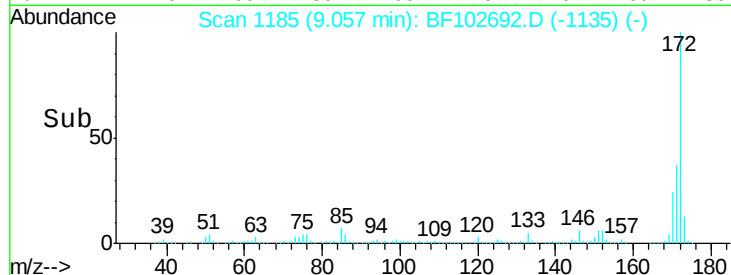
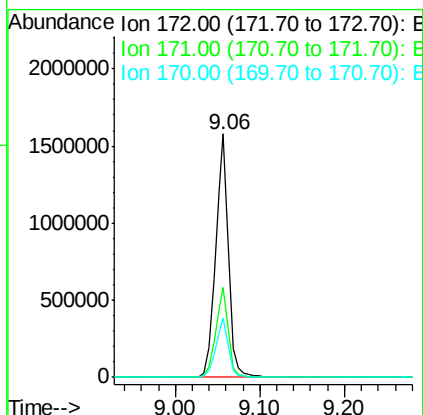
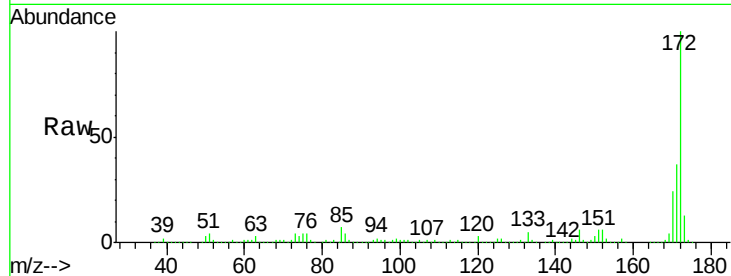




#44
 2-Fluorobiphenyl
 Concen: 78.185 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF102692.D
 Acq: 1 Feb 2018 18:00

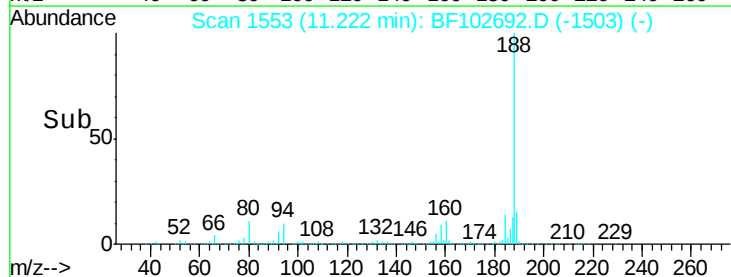
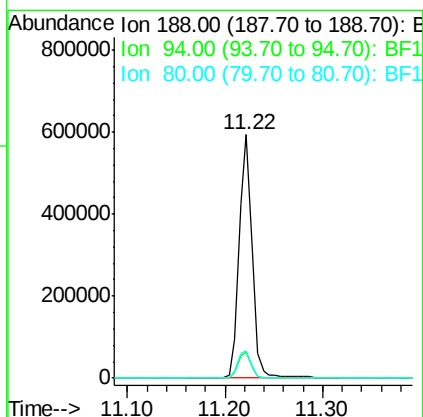
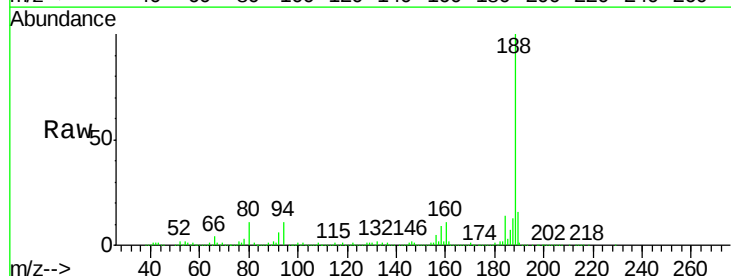
Instrument :
 BNA_F
 ClientSampleId :
 OILY-CONCRETE

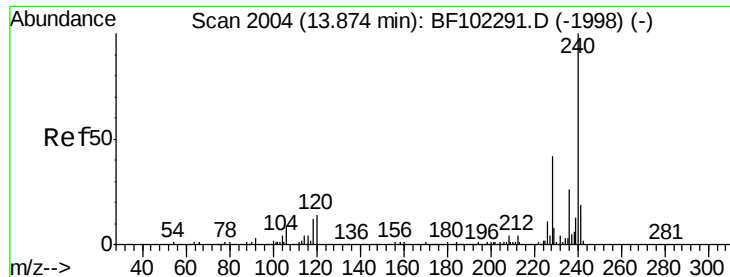
Tot Ion:172 Resp: 1721416
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.7 44.5
 170 24.4 19.6 29.4



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1553
 Delta R.T. -0.01 min
 Lab File: BF102692.D
 Acq: 1 Feb 2018 18:00

Tgt Ion:188 Resp: 543190
 Ion Ratio Lower Upper
 188 100
 94 10.5 8.5 12.7
 80 11.4 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: BF102692.D

Acq: 1 Feb 2018 18:00

Instrument :

BNA_F

ClientSampleId :

OILY-CONCRETE

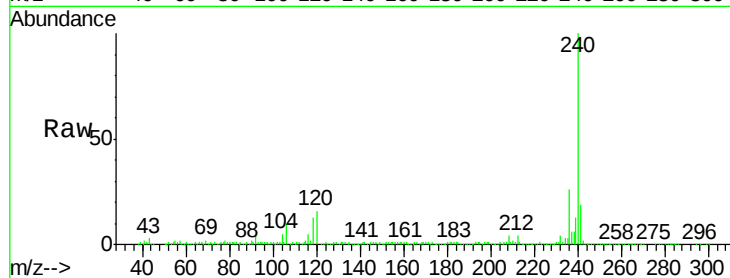
Tot Ion:240 Resp: 338966

Ion Ratio Lower Upper

240 100

120 15.5 9.5 14.3#

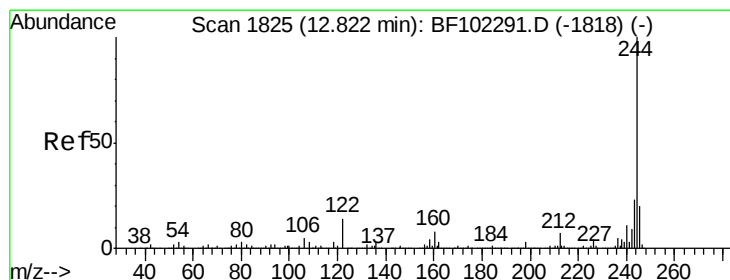
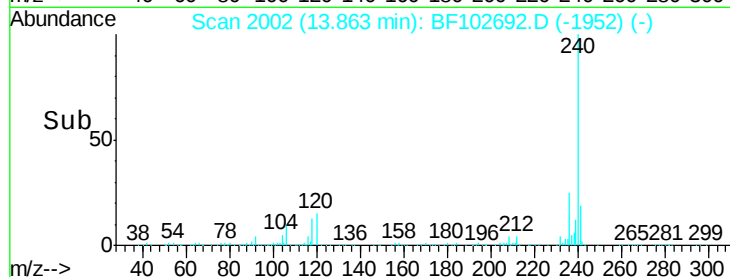
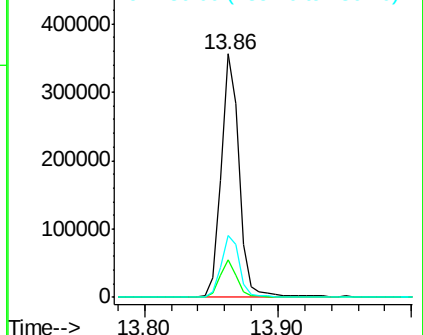
236 25.6 20.7 31.1



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: 101.081 ng

RT: 12.81 min Scan# 1823

Delta R.T. 0.00 min

Lab File: BF102692.D

Acq: 1 Feb 2018 18:00

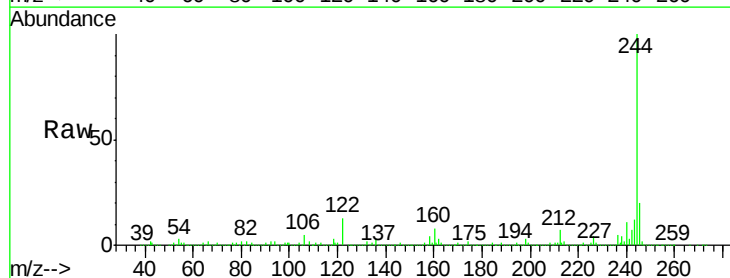
Tgt Ion:244 Resp: 1519855

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

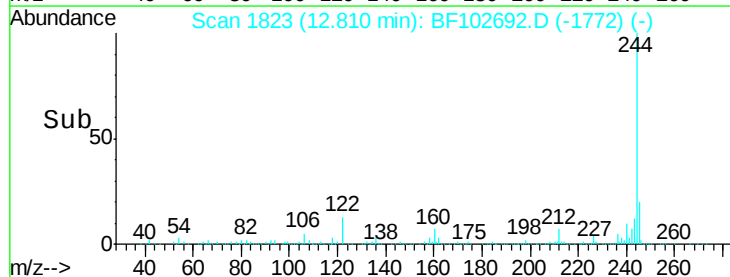
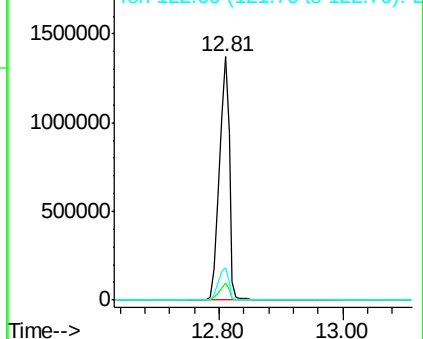
122 13.5 11.0 16.4

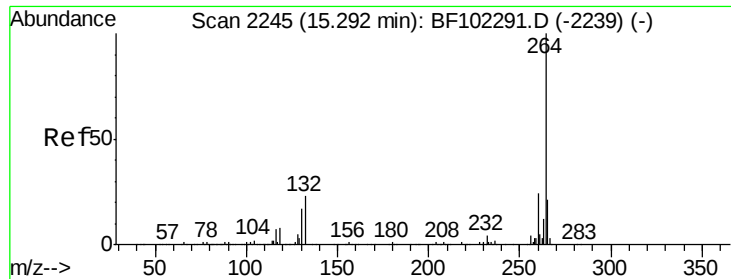


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.29 min Scan# 2245
Delta R.T. 0.01 min
Lab File: BF102692.D
Acq: 1 Feb 2018 18:00

Instrument :
BNA_F
ClientSampleId :
OILY-CONCRETE

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	21.6	17.5	26.3

