

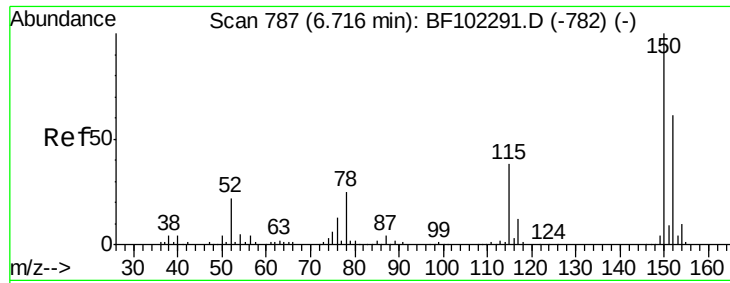
Data Path : Z:\HPCHEM1\BNA F\DATA\BF020118\
 Data File : BF102699.D
 Acq On : 1 Feb 2018 21:09
 Operator : SJ/JU
 Sample : J1384-28 10X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OILY-DEBRIS

Quant Time: Feb 02 02:12:06 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	132765	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	592139	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	243742	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	232824	20.00	ng	0.02
75) Chrysene-d12	13.87	240	231983	20.00	ng	0.00
86) Perylene-d12	15.29	264	246188	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	3141	0.36	ng	0.12
7) Phenol-d6	6.45	99	4721	0.45	ng	0.09
23) Nitrobenzene-d5	7.32	82	11945	1.16	ng	0.04
41) 2,4,6-Tribromophenol	10.55	330	3042	1.26	ng	0.01
44) 2-Fluorobiphenyl	9.06	172	28177	1.70	ng	0.00
78) Terphenyl-d14	12.82	244	15199	1.48	ng	0.01
Target Compounds						
70) Phenanthrene	11.27	178	115560	8.518	ng	Qvalue # 77

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

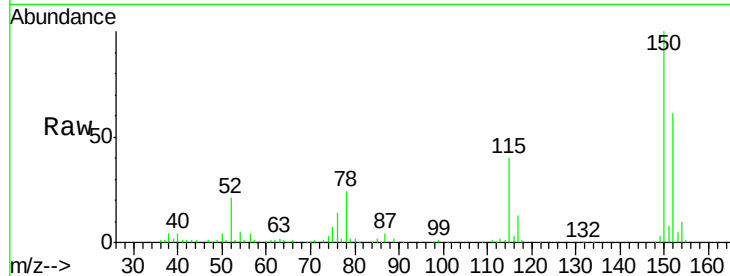


#1

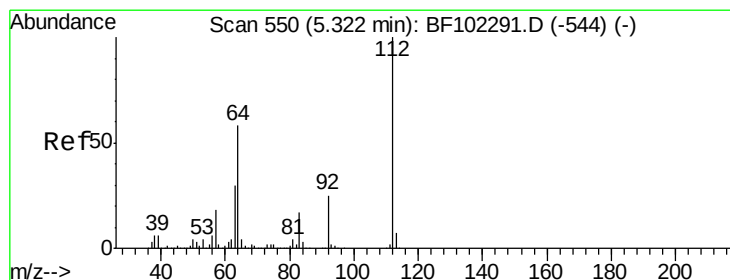
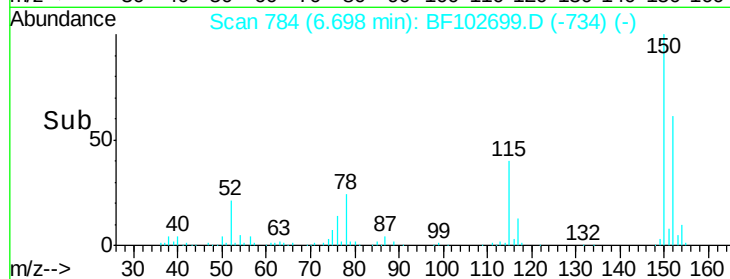
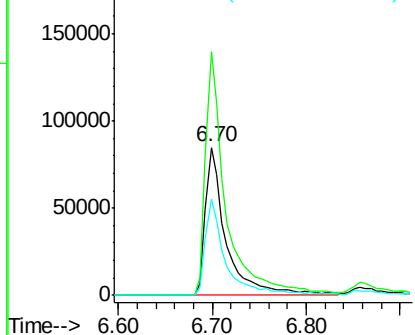
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BF102699.D
 Acq: 1 Feb 2018 21:09

Instrument :
 BNA_F
 ClientSampleId :
 OILY-DEBRIS

Tot Ion:152 Resp: 132765
 Ion Ratio Lower Upper
 152 100
 150 164.8 124.6 186.8
 115 65.1 50.1 75.1



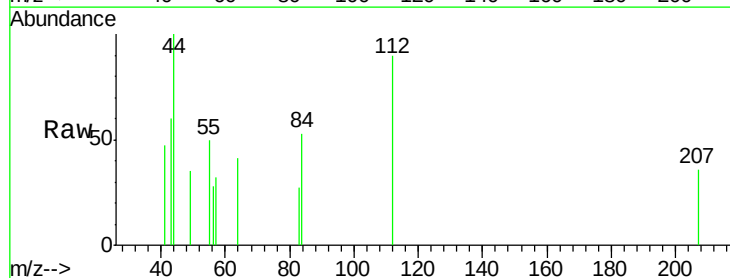
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



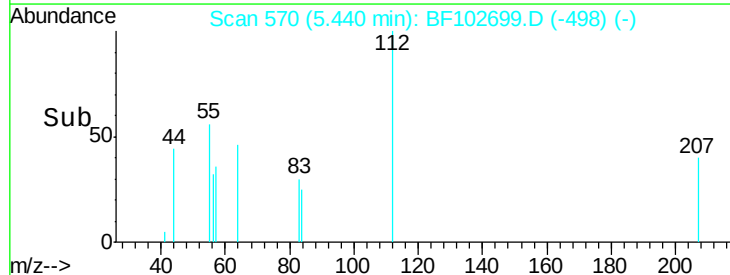
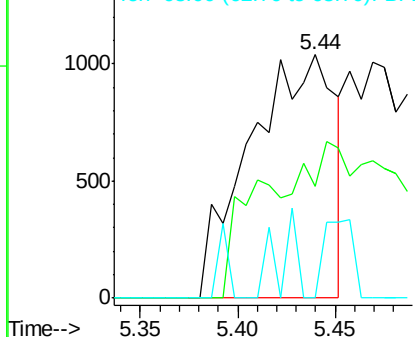
#5

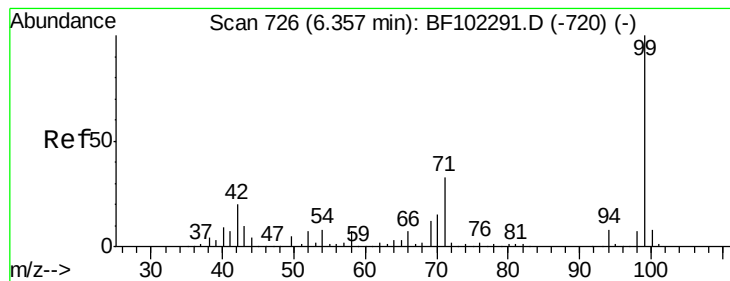
2-Fluorophenol
 Concen: 0.359 ng
 RT: 5.44 min Scan# 570
 Delta R.T. 0.12 min
 Lab File: BF102699.D
 Acq: 1 Feb 2018 21:09

Tgt Ion:112 Resp: 3141
 Ion Ratio Lower Upper
 112 100
 64 46.2 47.9 71.9#
 63 0.0 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: 0.447 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.09 min

Lab File: BF102699.D

Acq: 1 Feb 2018 21:09

Instrument :

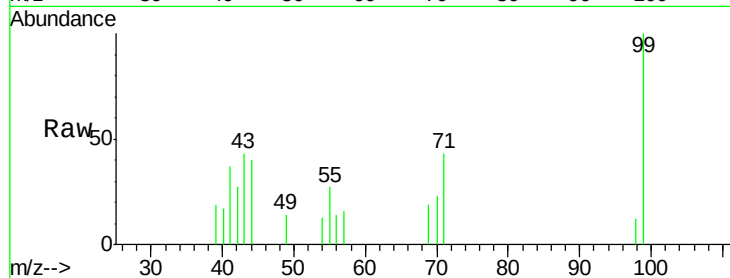
BNA_F

ClientSampleId :

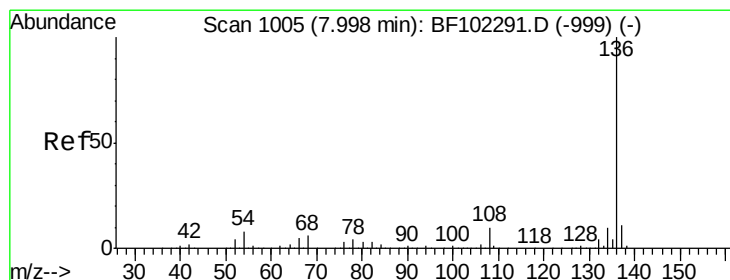
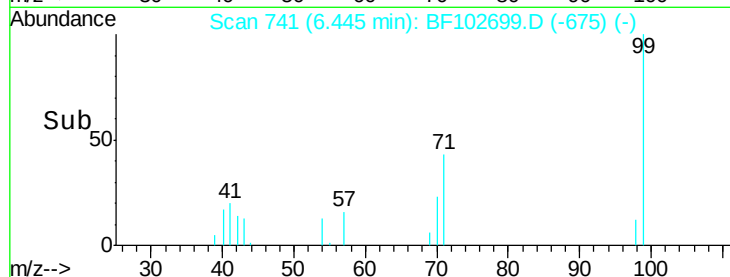
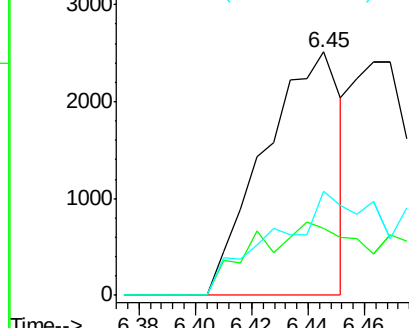
OILY-DEBRIS

Tot Ion: 99 Resp: 4721

Ion	Ratio	Lower	Upper
99	100		
42	27.3	14.5	21.7#
71	42.9	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: 7.98 min Scan# 1002

Delta R.T. -0.01 min

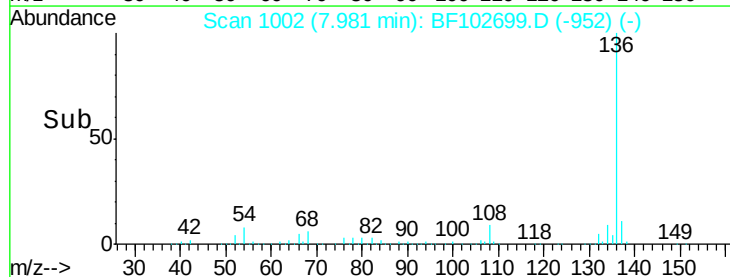
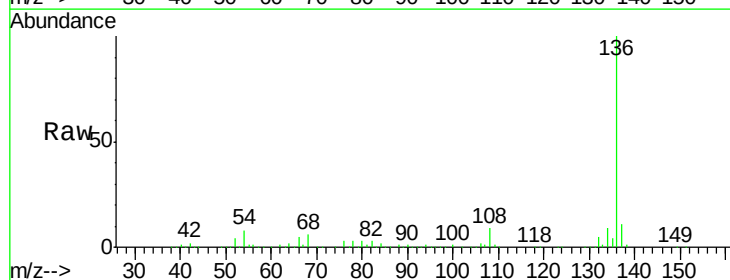
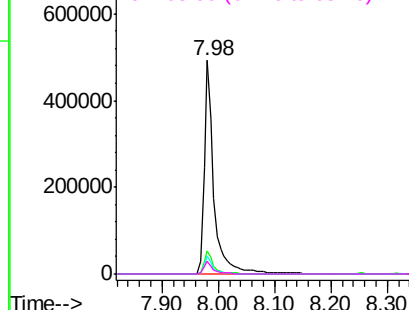
Lab File: BF102699.D

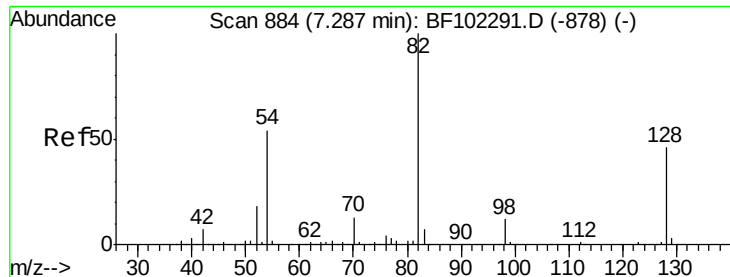
Acq: 1 Feb 2018 21:09

Tgt Ion: 136 Resp: 592139

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.3	6.6	9.8
68	5.9	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

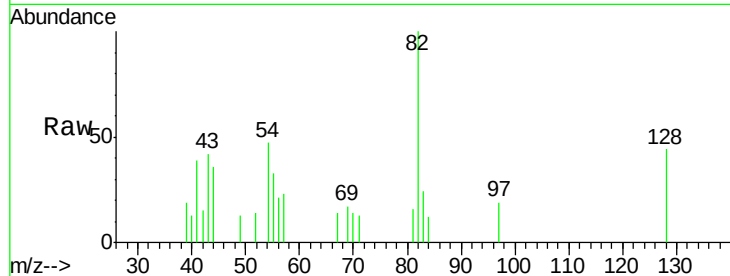




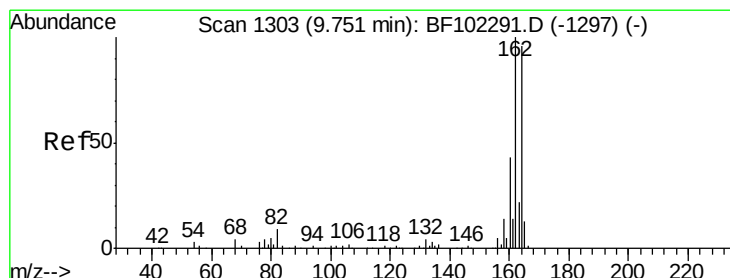
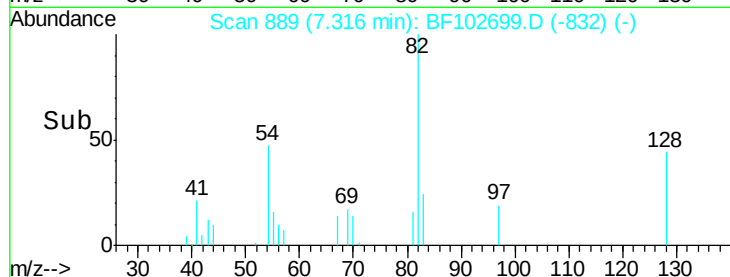
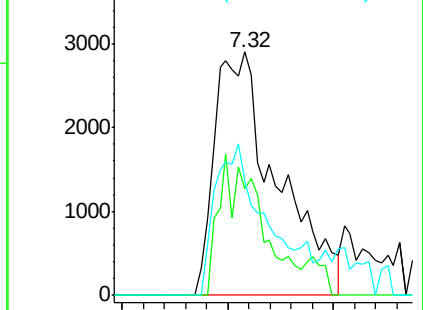
#23
Nitrobenzene-d5
Concen: 1.159 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.04 min
Lab File: BF102699.D
Acq: 1 Feb 2018 21:09

Instrument :
BNA_F
ClientSampleId :
OILY-DEBRIS

Tot Ion: 82 Resp: 11945
Ion Ratio Lower Upper
82 100
128 43.8 36.1 54.1
54 47.1 41.4 62.2

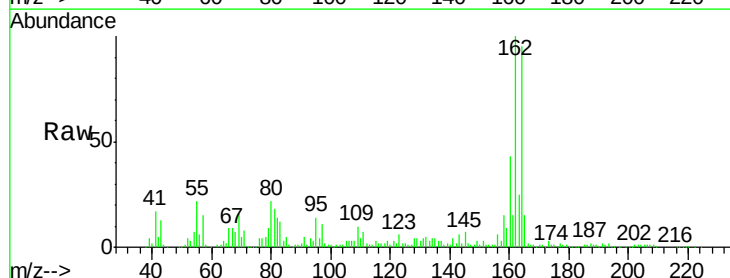


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

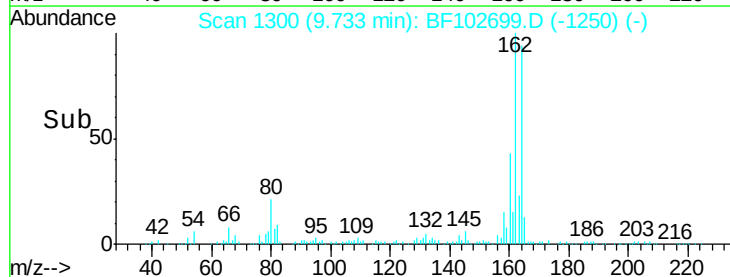
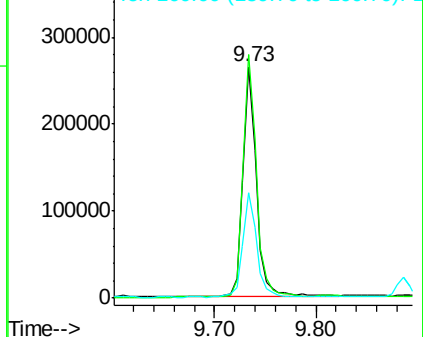


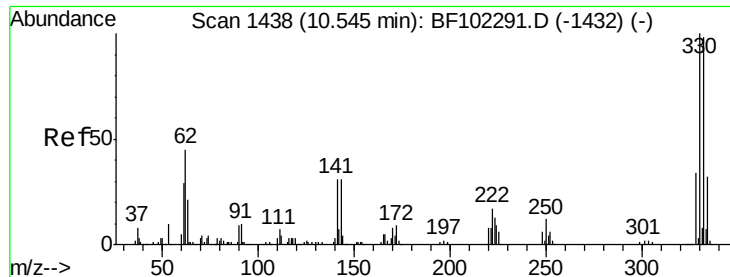
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF102699.D
Acq: 1 Feb 2018 21:09

Tgt Ion: 164 Resp: 243742
Ion Ratio Lower Upper
164 100
162 105.3 86.1 129.1
160 45.6 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

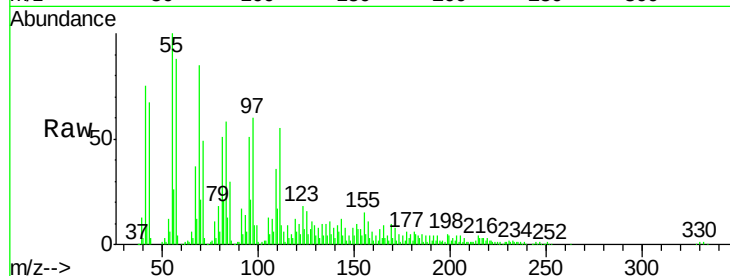




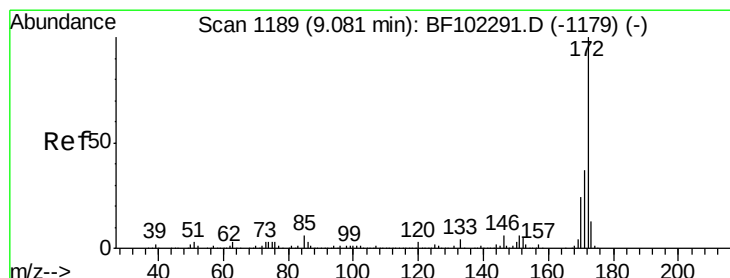
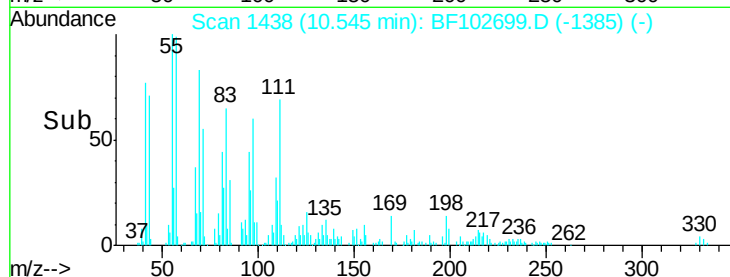
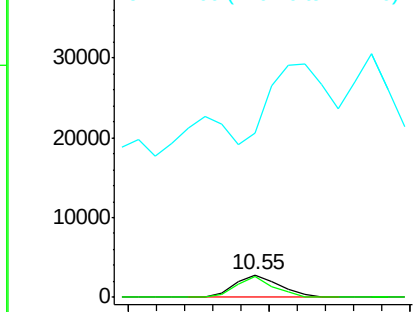
#41
 2,4,6-Tribromophenol
 Concen: 1.260 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.01 min
 Lab File: BF102699.D
 Acq: 1 Feb 2018 21:09

Instrument :
 BNA_F
 ClientSampleId :
 OILY-DEBRIS

Tot Ion:330 Resp: 3042
 Ion Ratio Lower Upper
 330 100
 332 76.5 77.0 115.6#
 141 180.8 29.9 44.9#

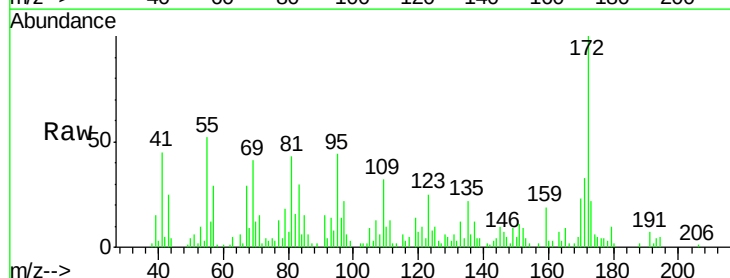


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

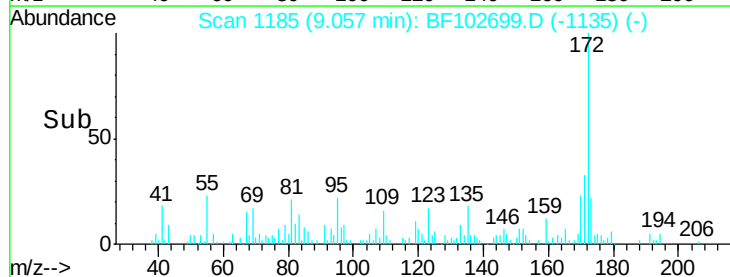
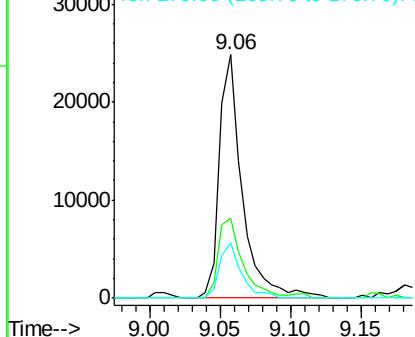


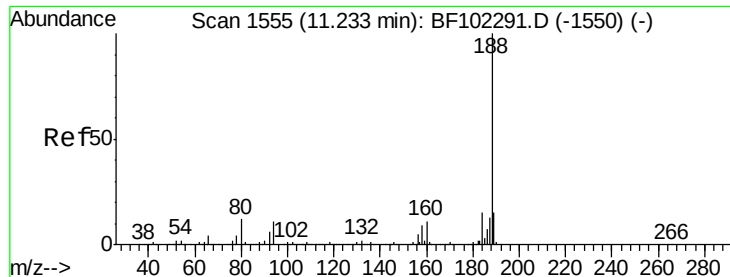
#44
 2-Fluorobiphenyl
 Concen: 1.700 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF102699.D
 Acq: 1 Feb 2018 21:09

Tgt Ion:172 Resp: 28177
 Ion Ratio Lower Upper
 172 100
 171 33.0 29.7 44.5
 170 23.0 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: 11.25 min Scan# 1557

Delta R.T. 0.02 min

Lab File: BF102699.D

Acq: 1 Feb 2018 21:09

Instrument :

BNA_F

ClientSampleId :

OILY-DEBRIS

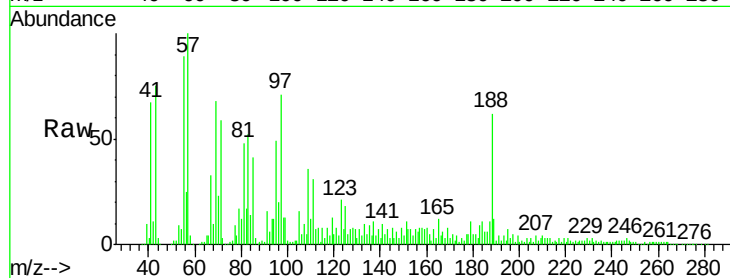
Tot Ion:188 Resp: 232824

Ion Ratio Lower Upper

188 100

94 19.8 8.5 12.7#

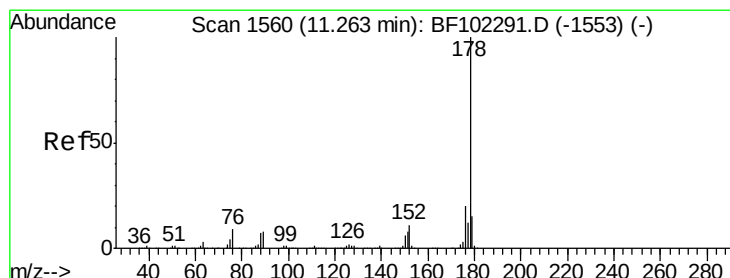
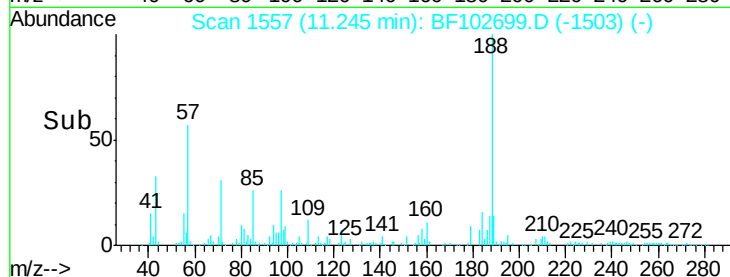
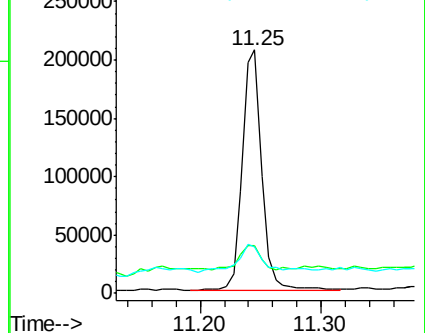
80 18.9 9.2 13.8#



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



#70

Phenanthrene

Concen: 8.518 ng

RT: 11.27 min Scan# 1561

Delta R.T. 0.02 min

Lab File: BF102699.D

Acq: 1 Feb 2018 21:09

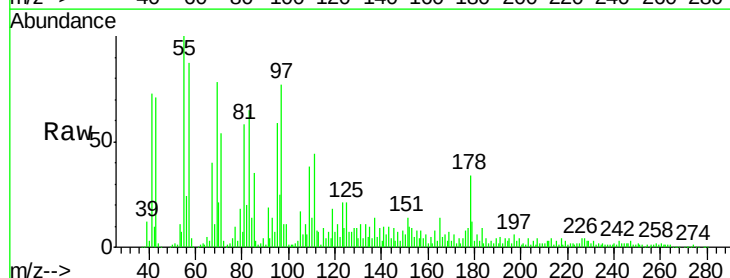
Tgt Ion:178 Resp: 115560

Ion Ratio Lower Upper

178 100

176 22.6 15.8 23.8

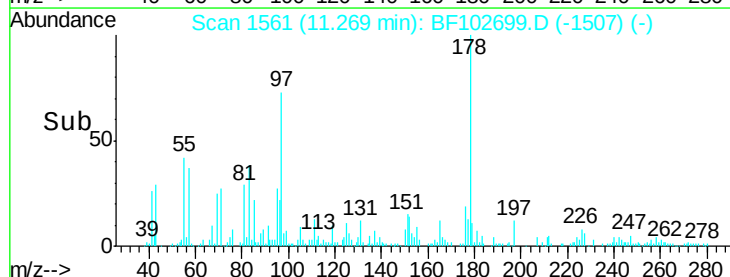
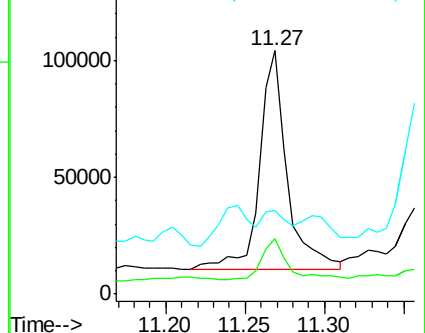
179 34.6 13.0 19.6#

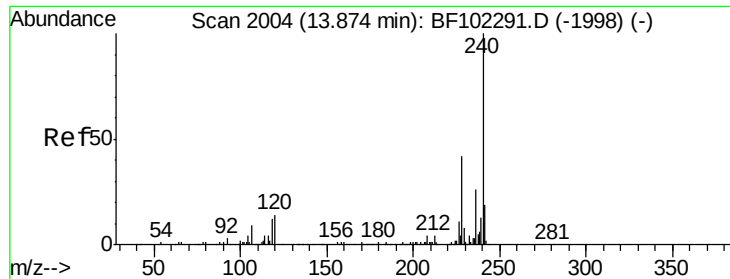


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2004

Delta R.T. 0.01 min

Lab File: BF102699.D

Acq: 1 Feb 2018 21:09

Instrument :

BNA_F

ClientSampleId :

OILY-DEBRIS

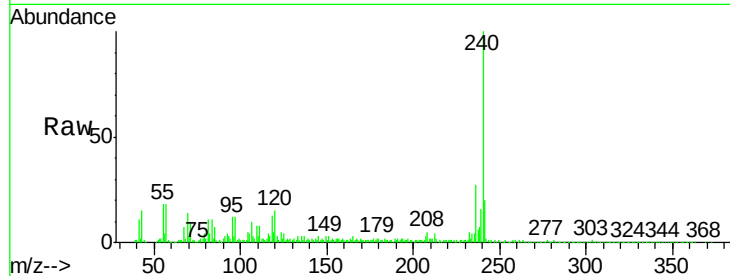
Tot Ion:240 Resp: 231983

Ion Ratio Lower Upper

240 100

120 14.6 9.5 14.3#

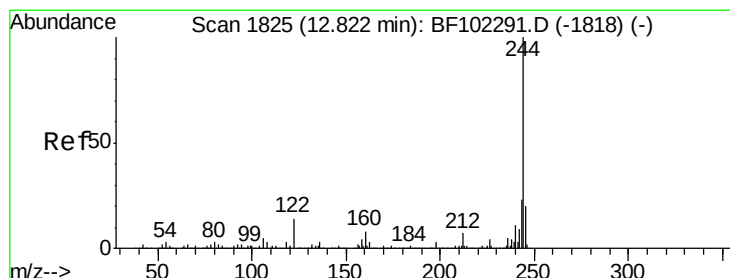
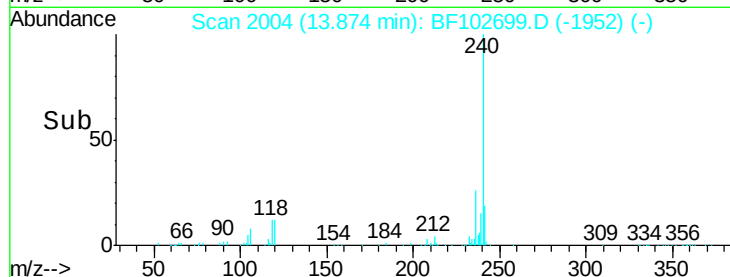
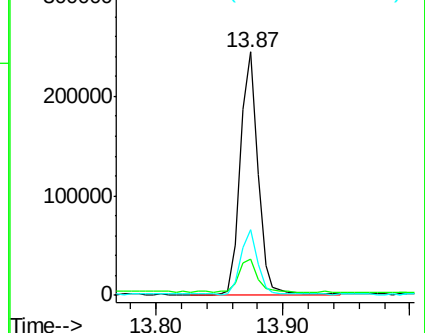
236 26.8 20.7 31.1



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: 1.477 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.01 min

Lab File: BF102699.D

Acq: 1 Feb 2018 21:09

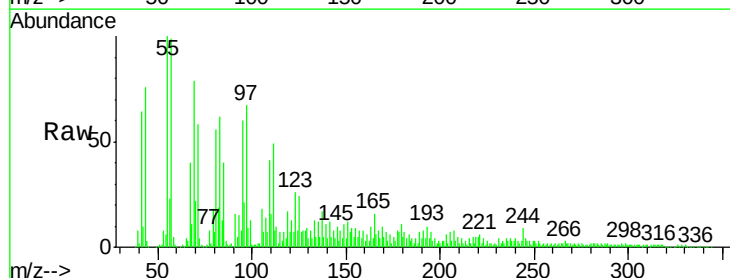
Tgt Ion:244 Resp: 15199

Ion Ratio Lower Upper

244 100

212 23.0 5.4 8.0#

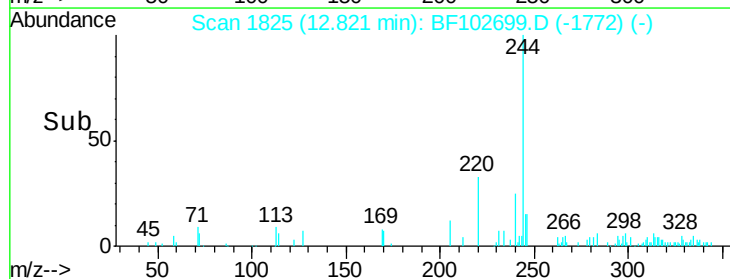
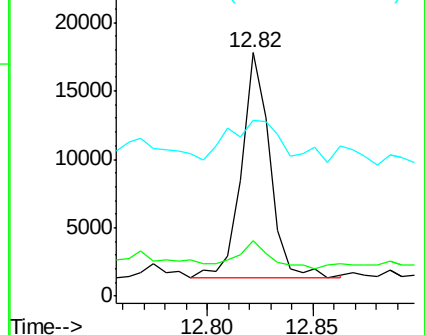
122 72.0 11.0 16.4#

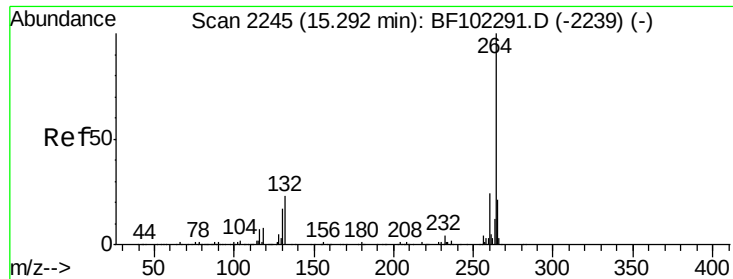


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF102699.D
Acq: 1 Feb 2018 21:09

Instrument :
BNA_F
ClientSampleId :
OILY-DEBRIS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.7	17.5	26.3

