

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020118\
 Data File : BF102686.D
 Acq On : 1 Feb 2018 15:18
 Operator : SJ/JU
 Sample : J1384-28 50X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

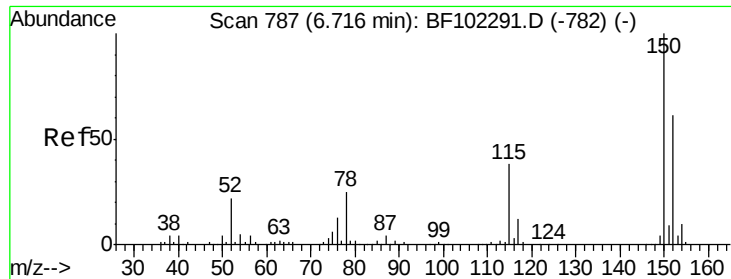
Instrument :
 BNA_F
 ClientSampleId :
 OILY-DEBRIS

Quant Time: Feb 02 00:43:47 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	181188	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	771910	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	255578	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	382829	20.00	ng	0.00
75) Chrysene-d12	13.87	240	360438	20.00	ng	0.00
86) Perylene-d12	15.30	264	290824	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	916	0.08	ng	0.09
7) Phenol-d6	6.46	99	5447	0.38	ng	0.10
23) Nitrobenzene-d5	7.29	82	4477	0.33	ng	0.01
41) 2,4,6-Tribromophenol	10.54	330	781	0.31	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	5651	0.33	ng	0.00
78) Terphenyl-d14	12.80	244	20078	1.26	ng	0.00

Target Compounds Qvalue

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

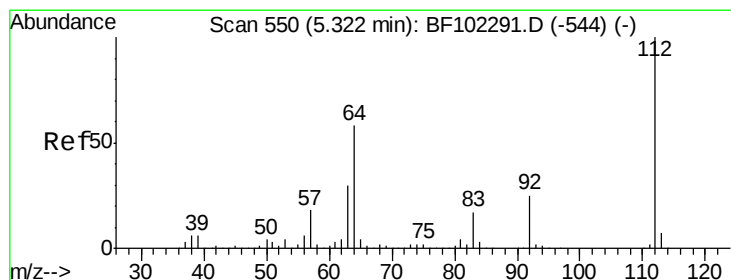
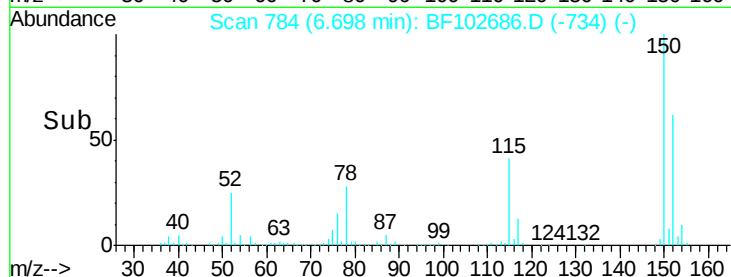
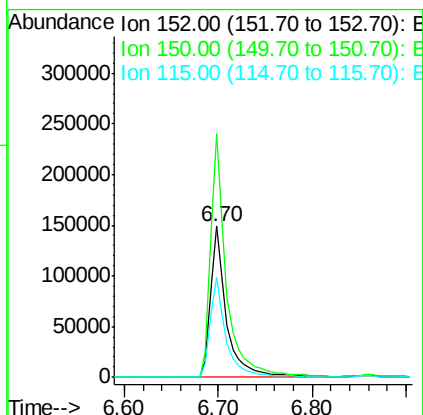
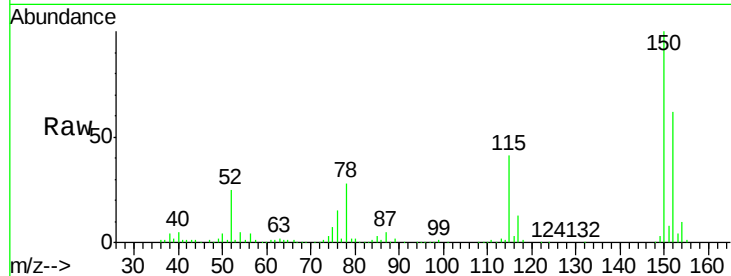


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF102686.D
Acq: 1 Feb 2018 15:18

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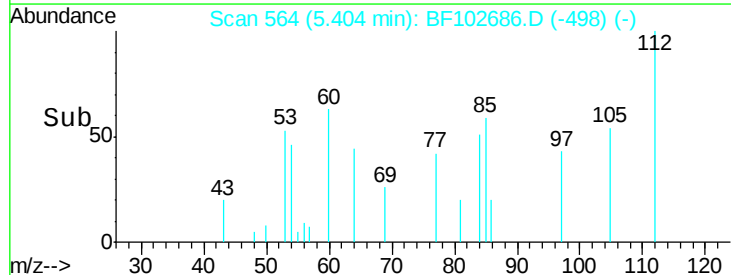
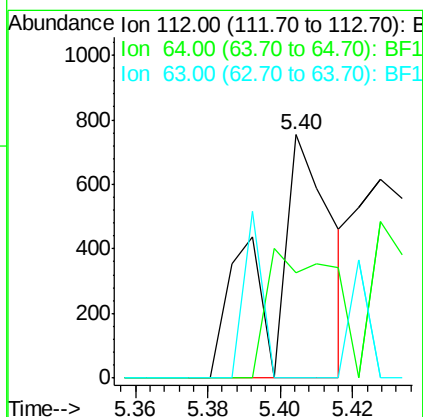
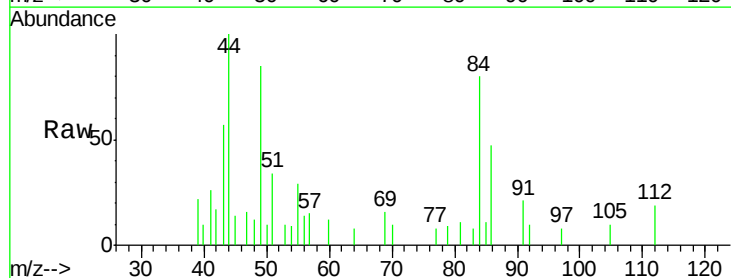
Tot Ion:152 Resp: 181188
Ion Ratio Lower Upper
152 100
150 161.2 124.6 186.8
115 66.6 50.1 75.1

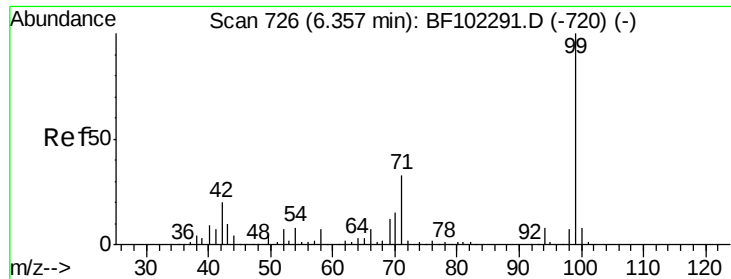


#5

2-Fluorophenol
Concen: 0.077 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.09 min
Lab File: BF102686.D
Acq: 1 Feb 2018 15:18

Tgt Ion:112 Resp: 916
Ion Ratio Lower Upper
112 100
64 43.5 47.9 71.9#
63 0.0 23.7 35.5#





#7

Phenol-d6

Concen: 0.378 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.10 min

Lab File: BF102686.D

Acq: 1 Feb 2018 15:18

Instrument :

BNA_F

ClientSampleId :

OILY-DEBRIS

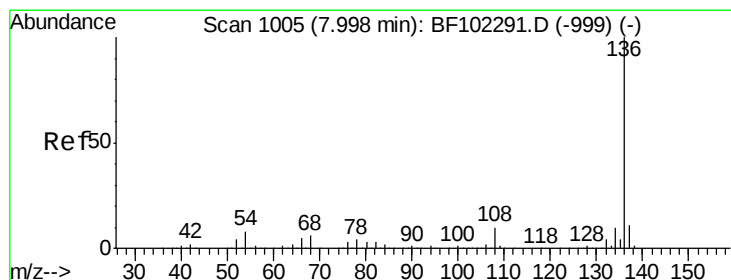
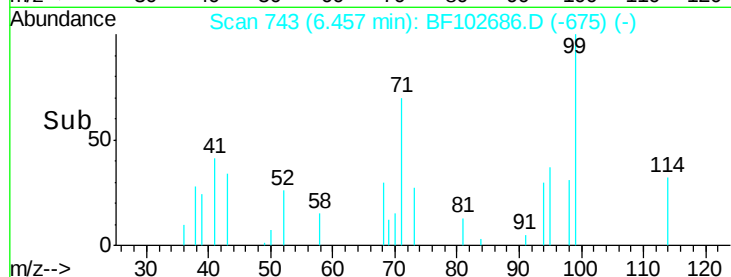
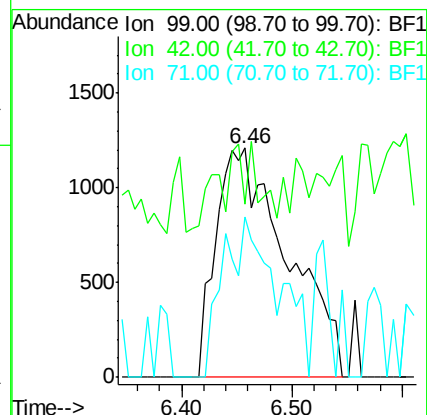
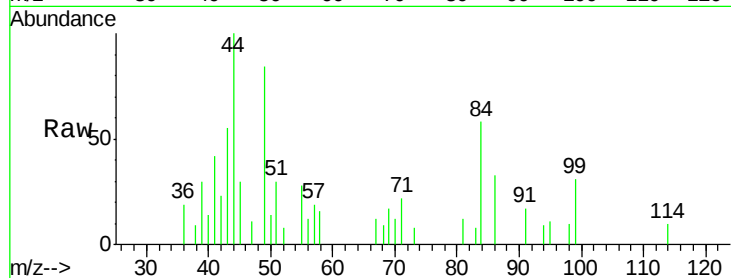
Tot Ion: 99 Resp: 5447

Ion Ratio Lower Upper

99 100

42 75.5 14.5 21.7#

71 70.0 25.4 38.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF102686.D

Acq: 1 Feb 2018 15:18

Tgt Ion: 136 Resp: 771910

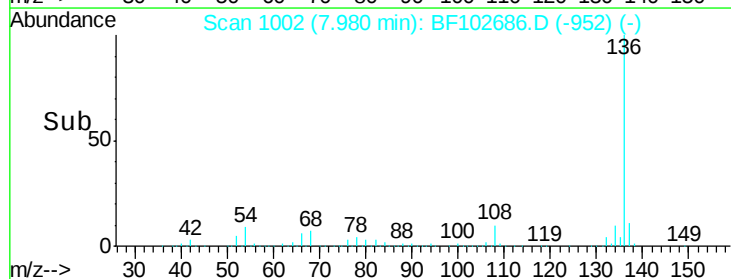
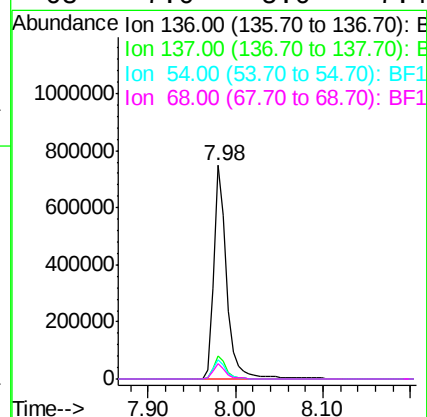
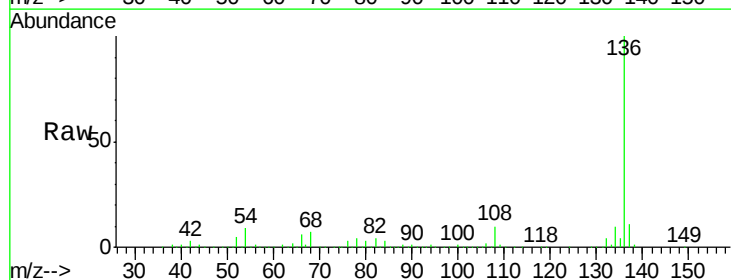
Ion Ratio Lower Upper

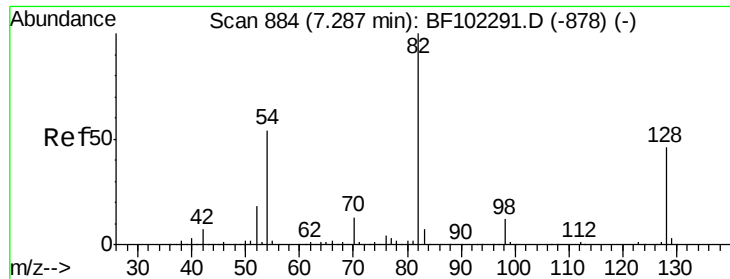
136 100

137 11.0 8.9 13.3

54 9.1 6.6 9.8

68 7.0 5.0 7.4

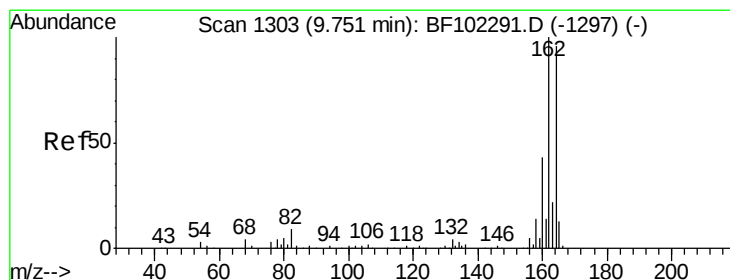
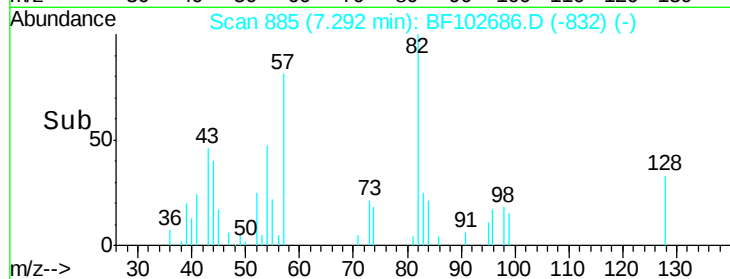
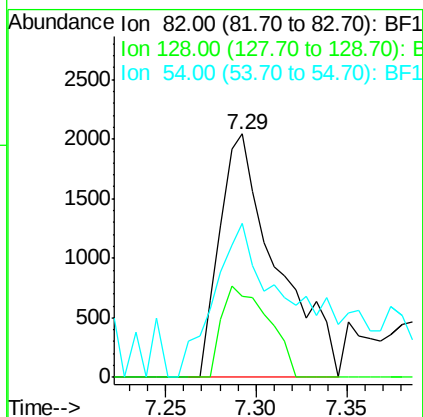
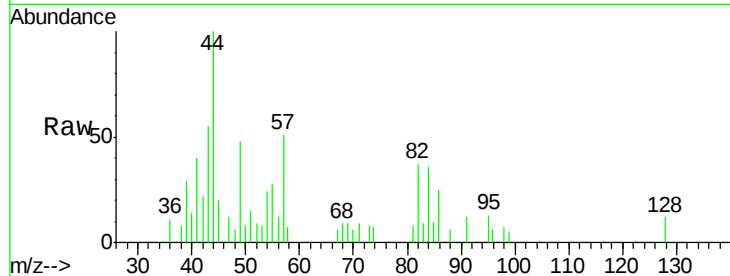




#23
Nitrobenzene-d5
Concen: 0.333 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.01 min
Lab File: BF102686.D
Acq: 1 Feb 2018 15:18

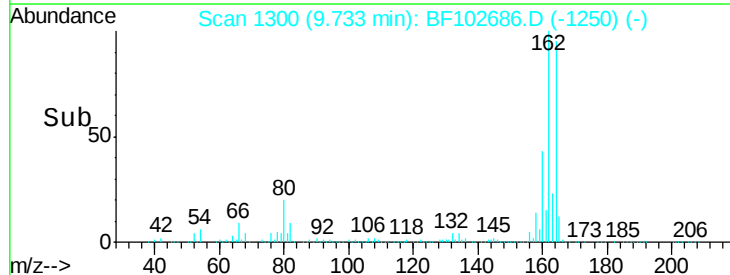
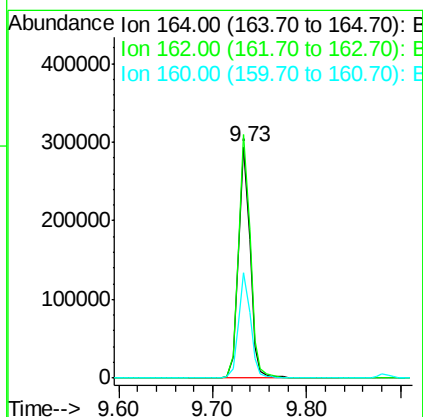
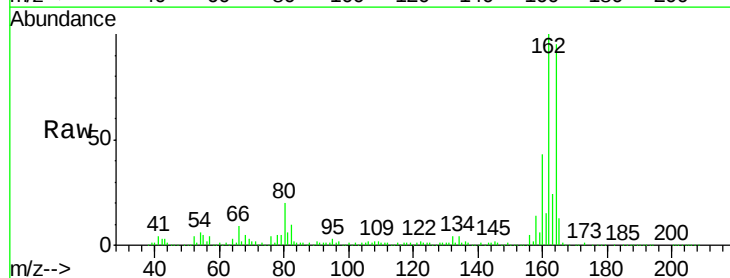
Instrument :
BNA_F
ClientSampleId :
OILY-DEBRIS

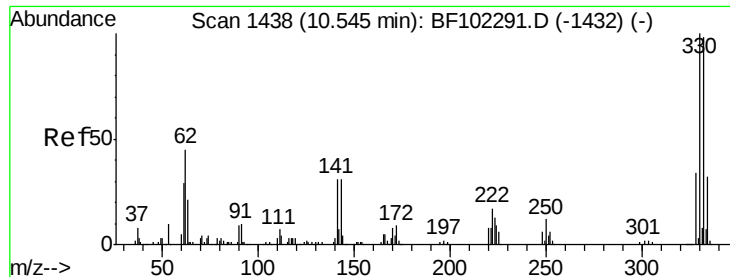
Tot Ion: 82 Resp: 4477
Ion Ratio Lower Upper
82 100
128 33.5 36.1 54.1#
54 63.3 41.4 62.2#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF102686.D
Acq: 1 Feb 2018 15:18

Tgt Ion:164 Resp: 255578
Ion Ratio Lower Upper
164 100
162 105.4 86.1 129.1
160 45.6 38.3 57.5

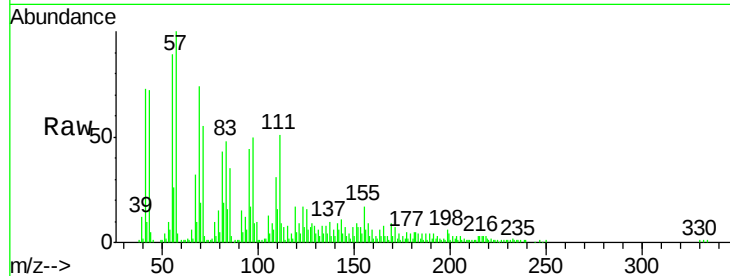




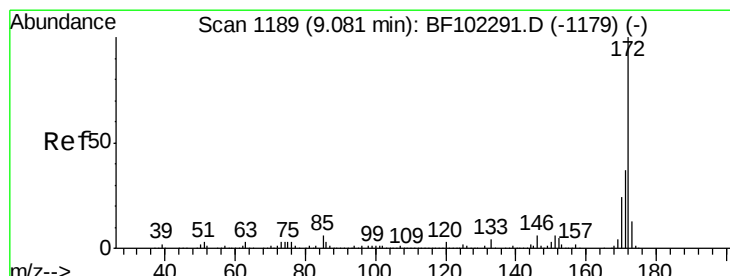
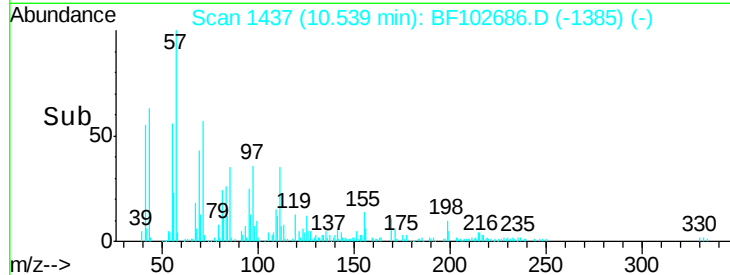
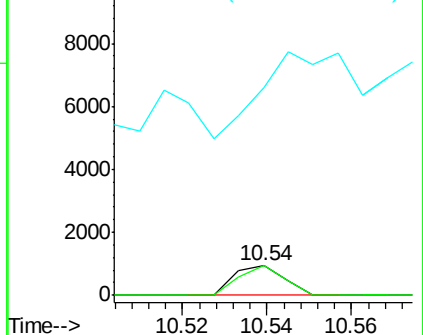
#41
 2,4,6-Tribromophenol
 Concen: 0.308 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. 0.01 min
 Lab File: BF102686.D
 Acq: 1 Feb 2018 15:18

Instrument :
 BNA_F
 ClientSampleId :
 OILY-DEBRIS

Tot Ion:330 Resp: 781
 Ion Ratio Lower Upper
 330 100
 332 89.8 77.0 115.6
 141 529.6 29.9 44.9#

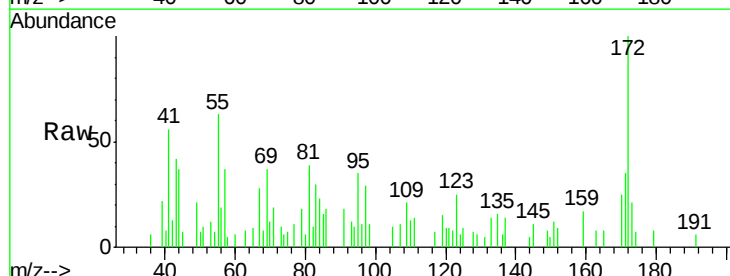


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

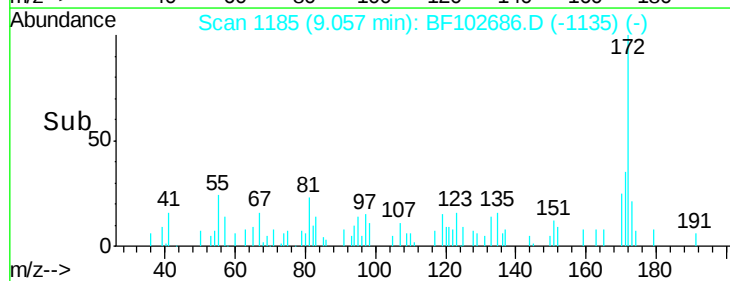
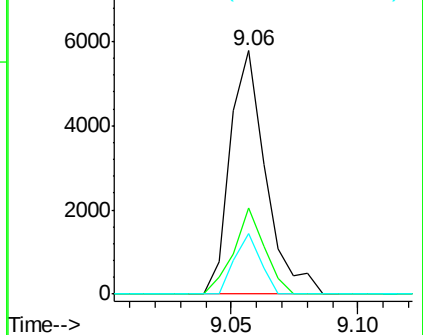


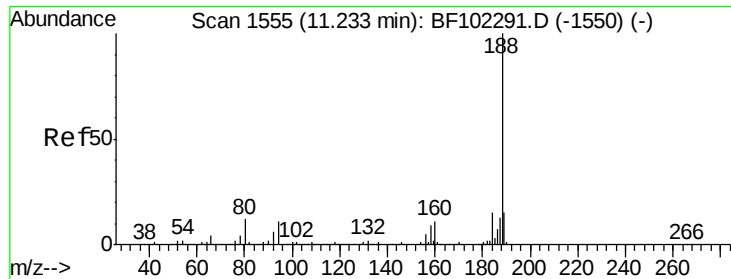
#44
 2-Fluorobiphenyl
 Concen: 0.325 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF102686.D
 Acq: 1 Feb 2018 15:18

Tgt Ion:172 Resp: 5651
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.7 44.5
 170 24.8 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

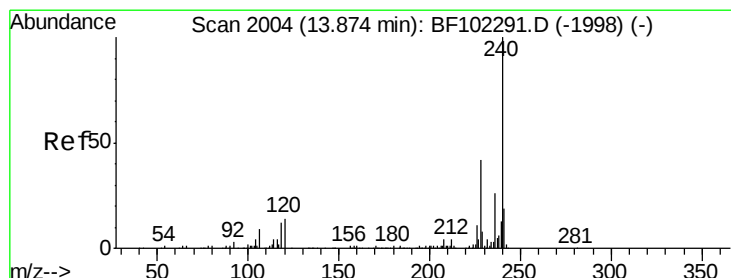
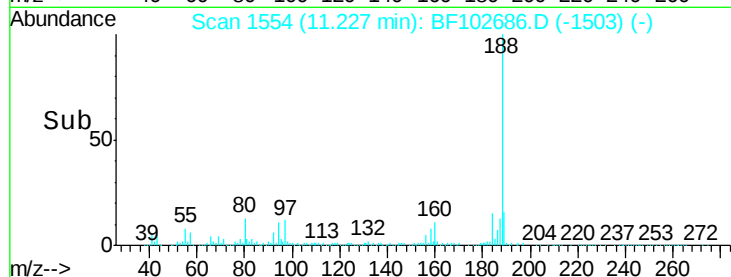
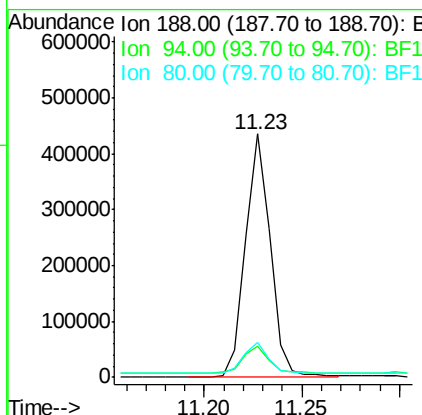
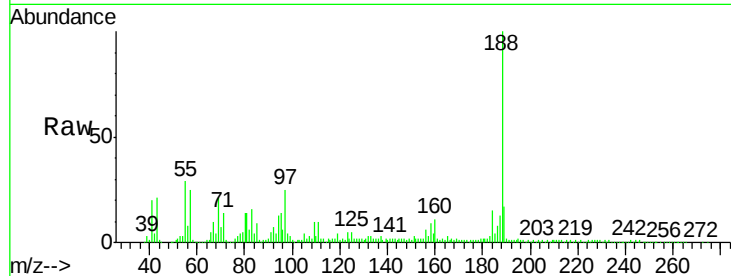




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1554
Delta R.T. 0.00 min
Lab File: BF102686.D
Acq: 1 Feb 2018 15:18

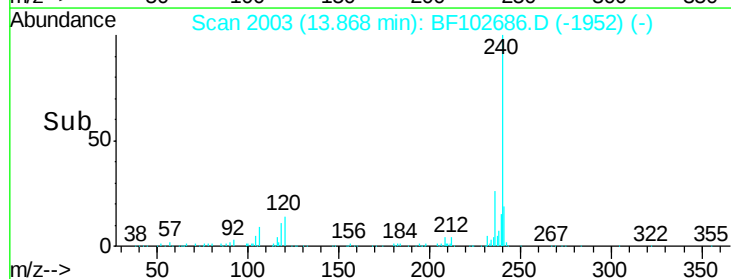
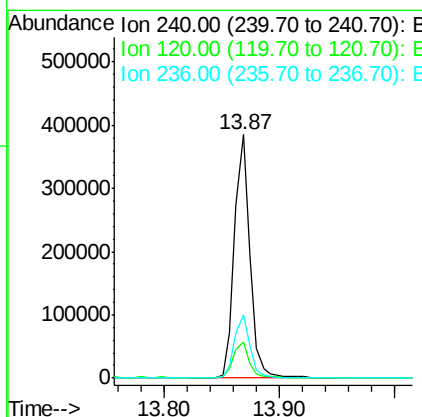
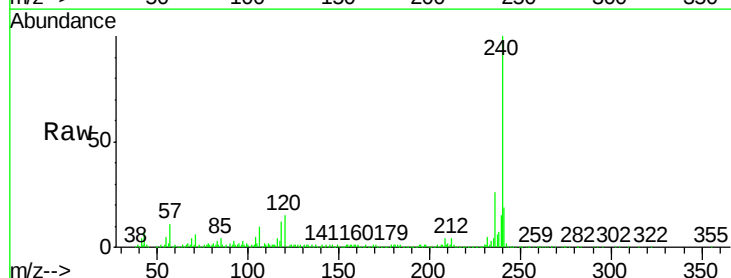
Instrument :
BNA_F
ClientSampleId :
OILY-DEBRIS

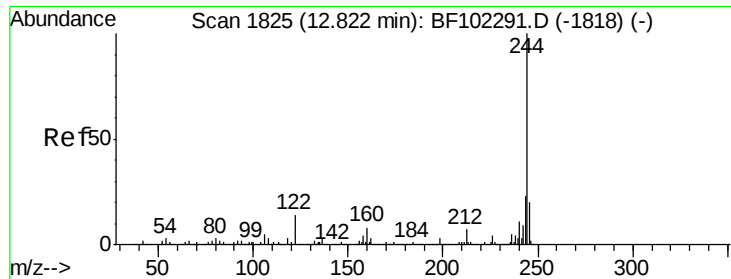
Tot Ion:188 Resp: 382829
Ion Ratio Lower Upper
188 100
94 12.6 8.5 12.7
80 14.2 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BF102686.D
Acq: 1 Feb 2018 15:18

Tgt Ion:240 Resp: 360438
Ion Ratio Lower Upper
240 100
120 14.7 9.5 14.3#
236 26.0 20.7 31.1





#78

Terphenyl-d14

Concen: 1.256 ng

RT: 12.80 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BF102686.D

Acq: 1 Feb 2018 15:18

Instrument :

BNA_F

ClientSampleId :

OILY-DEBRIS

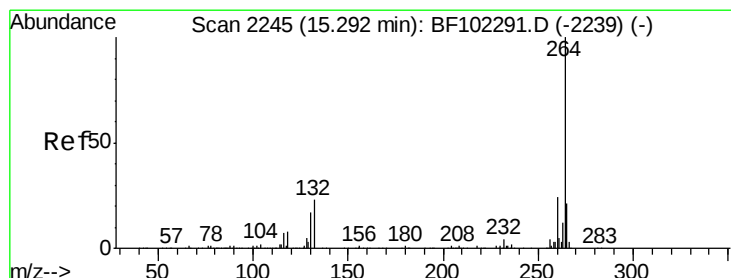
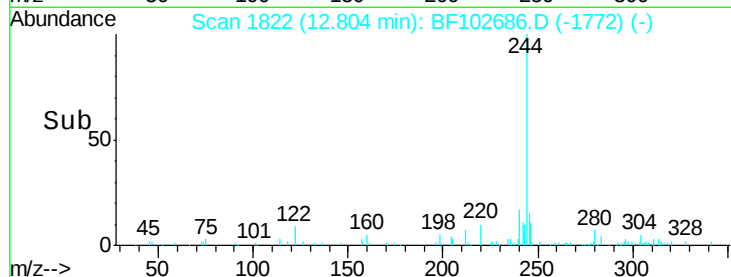
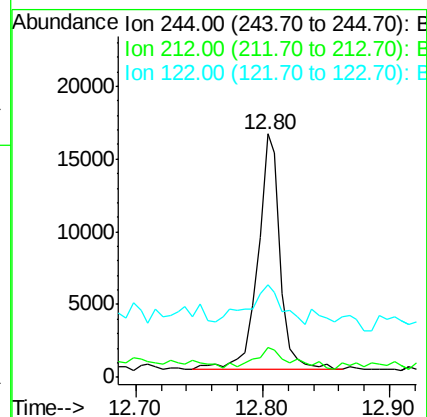
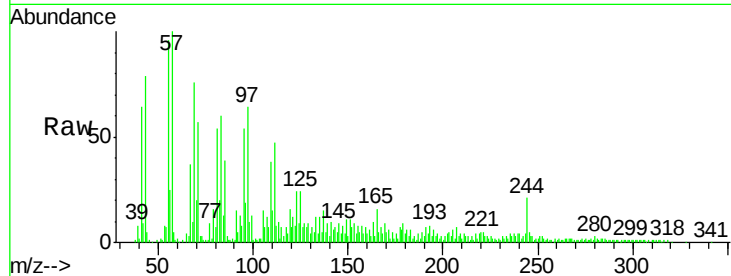
Tot Ion:244 Resp: 20078

Ion Ratio Lower Upper

244 100

212 12.2 5.4 8.0#

122 38.1 11.0 16.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.30 min Scan# 2246

Delta R.T. 0.01 min

Lab File: BF102686.D

Acq: 1 Feb 2018 15:18

Tgt Ion:264 Resp: 290824

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 21.5 17.5 26.3

