

Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
 Data File : BF102190.D
 Acq On : 18 Jan 2018 10:22
 Operator : SJ/JU
 Sample : J1151-04DL 500X
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OILY-DEBRISDL

Quant Time: Jan 18 10:52:39 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 17 15:28:18 2018
 Response via : Initial Calibration

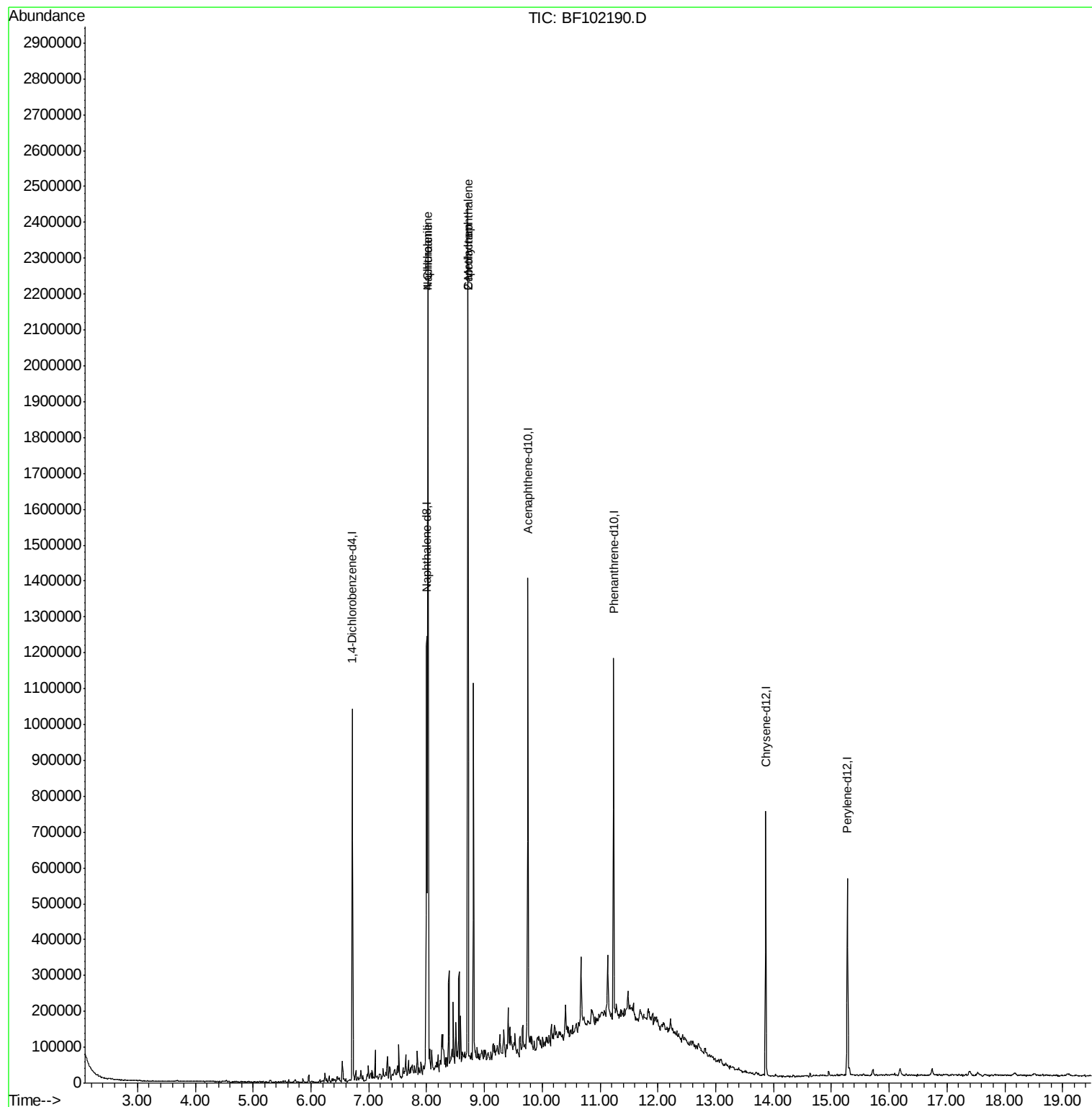
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	139770	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	558996	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	235305	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	336677	20.00	ng	0.00
75) Chrysene-d12	13.86	240	232966	20.00	ng	-0.01
86) Perylene-d12	15.28	264	224142	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	6.55	99	133	0.01	ng	0.19
23) Nitrobenzene-d5	7.29	82	684	0.07	ng	0.00
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.07	172	759	0.05	ng	-0.01
78) Terphenyl-d14	12.82	244	979	0.09	ng	-0.01
Target Compounds						
31) Naphthalene	8.02	128	969123	34.696	ng	Qvalue 100
33) 4-Chloroaniline	8.02	127	130492	10.946	ng	# 34
35) Caprolactam	8.72	113	13401	5.145	ng	# 1
37) 2-Methylnaphthalene	8.72	142	612824	33.326	ng	99

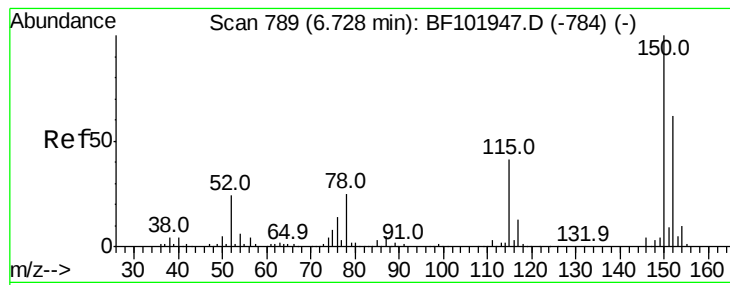
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
Data File : BF102190.D
Acq On : 18 Jan 2018 10:22
Operator : SJ/JU
Sample : J1151-04DL 500X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OILY-DEBRISDL

Quant Time: Jan 18 10:52:39 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 17 15:28:18 2018
Response via : Initial Calibration



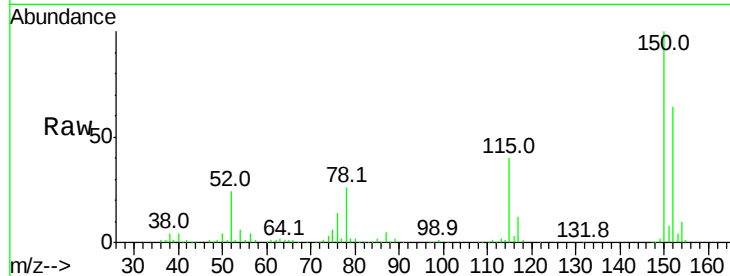


#1

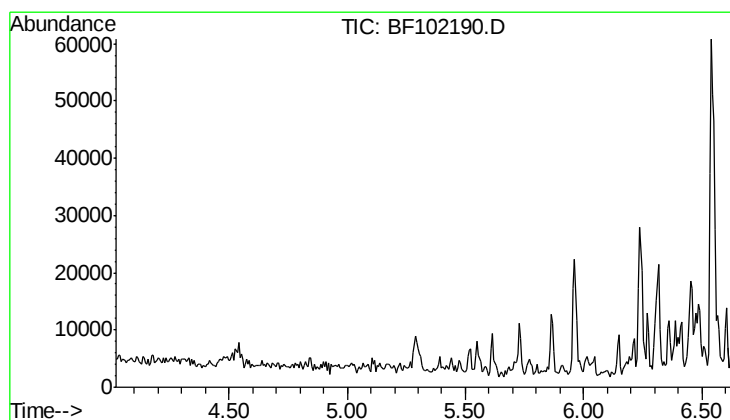
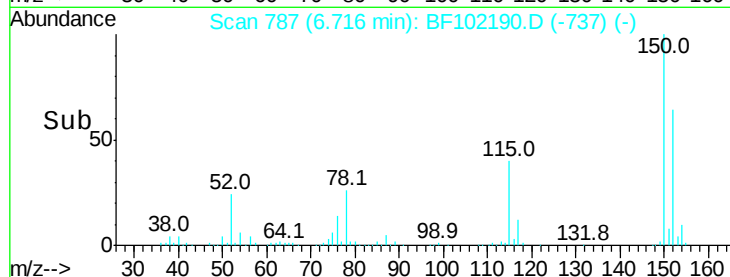
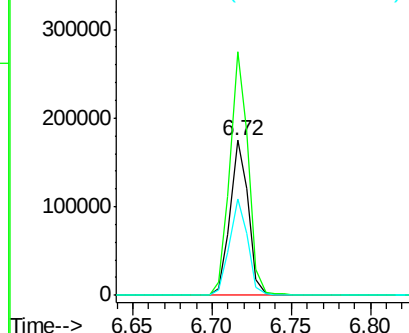
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 787
 Delta R.T. -0.01 min
 Lab File: BF102190.D
 Acq: 18 Jan 2018 10:22

Instrument :
 BNA_F
 ClientSampleId :
 OILY-DEBRISDL

Tot Ion:152 Resp: 139770
 Ion Ratio Lower Upper
 152 100
 150 157.2 124.6 186.8
 115 62.6 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

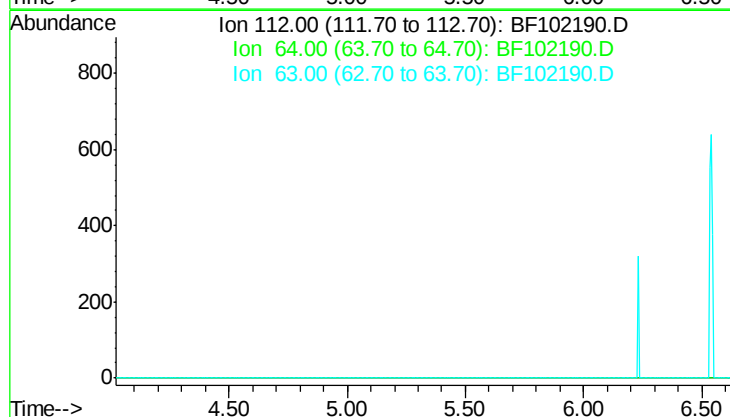


#5

2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.32 min

Lab File: BF102190.D
 Acq: 18 Jan 2018 10:22

Tgt Ion: 112
 Sig Exp Ratio
 112 100
 64 59.9
 63 29.6





#7

Phenol-d6

Concen: 0.011 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.19 min

Lab File: BF102190.D

Acq: 18 Jan 2018 10:22

Instrument :

BNA_F

ClientSampleId :

OILY-DEBRISDL

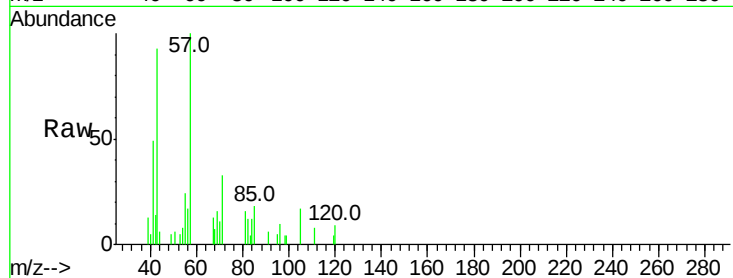
Tot Ion: 99 Resp: 133

Ion Ratio Lower Upper

99 100

42 310.6 14.5 21.7#

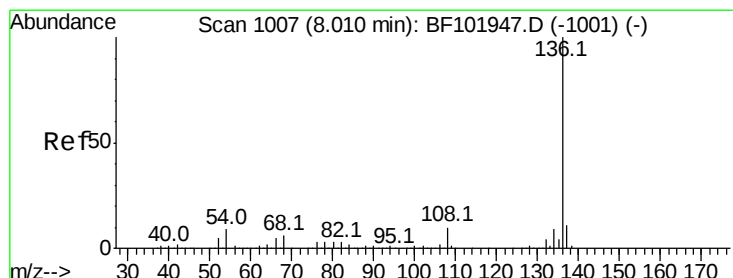
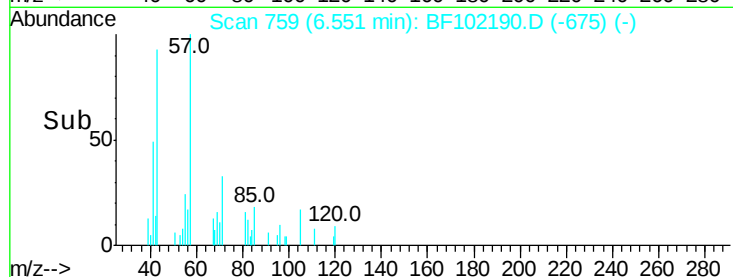
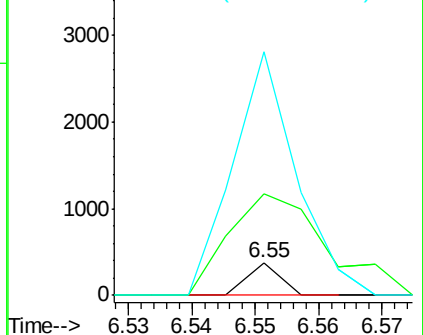
71 745.4 25.4 38.0#



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.00 min

Lab File: BF102190.D

Acq: 18 Jan 2018 10:22

Tgt Ion: 136 Resp: 558996

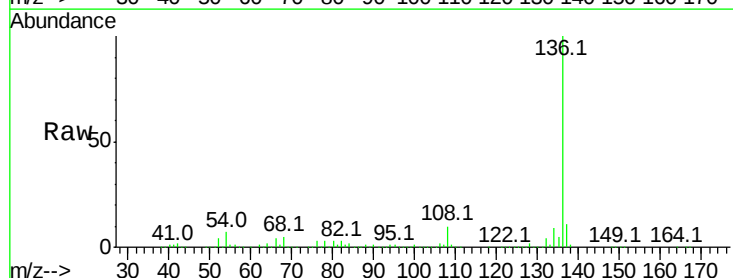
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.4 6.6 9.8

68 4.8 5.0 7.4#

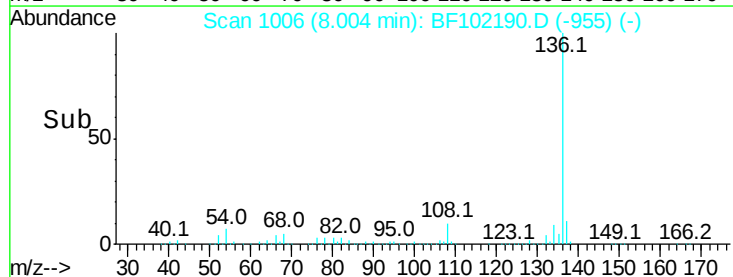
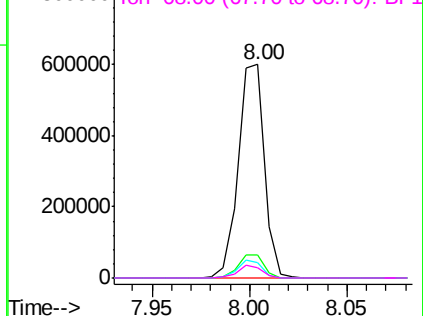


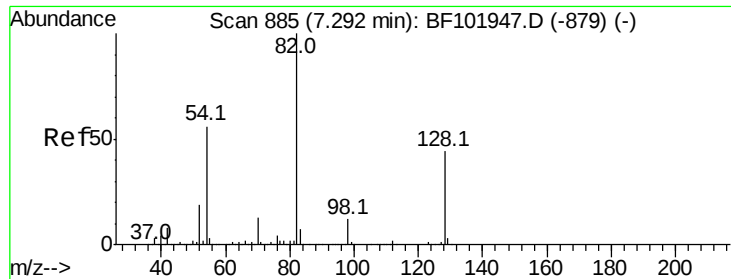
Abundance Ion 136.00 (135.70 to 136.70): E

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

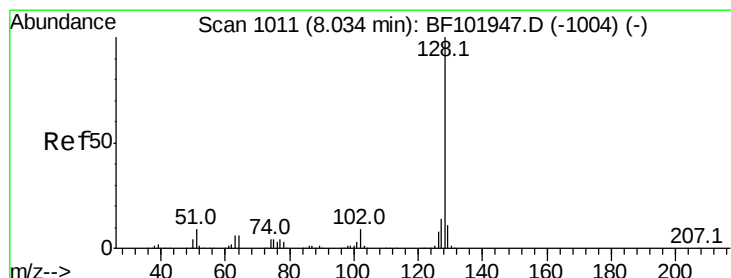
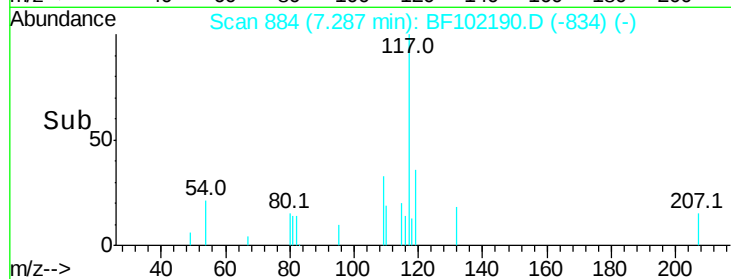
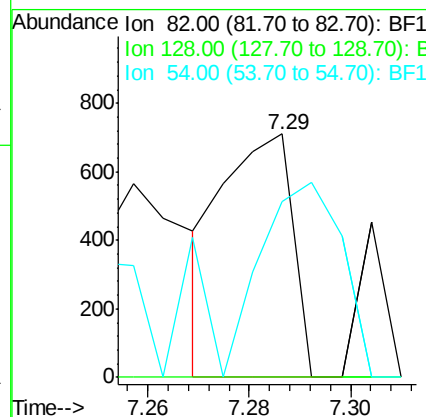
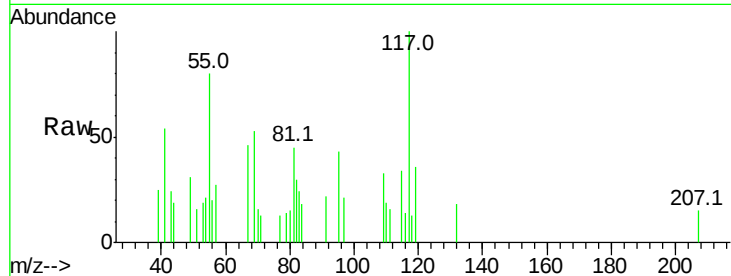




#23
Nitrobenzene-d5
Concen: 0.072 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102190.D
Acq: 18 Jan 2018 10:22

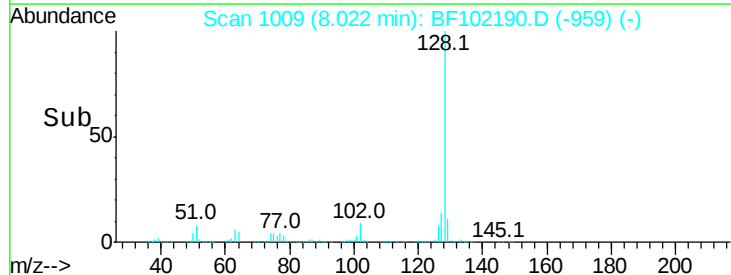
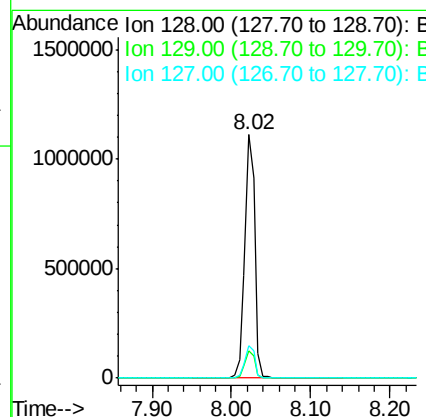
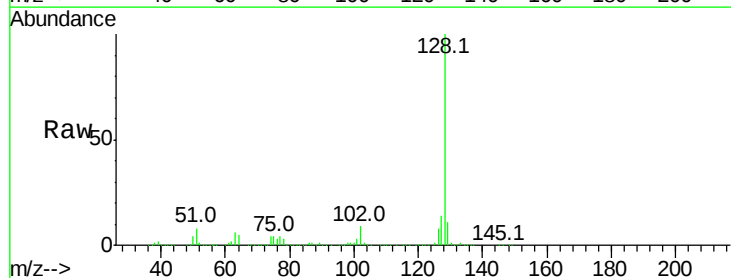
Instrument :
BNA_F
ClientSampleId :
OILY-DEBRISDL

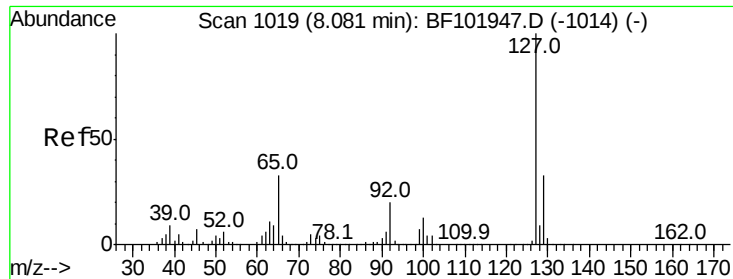
Tot Ion: 82 Resp: 684
Ion Ratio Lower Upper
82 100
128 0.0 36.1 54.1#
54 72.2 41.4 62.2#



#31
Naphthalene
Concen: 34.696 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF102190.D
Acq: 18 Jan 2018 10:22

Tgt Ion: 128 Resp: 969123
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.5 10.9 16.3

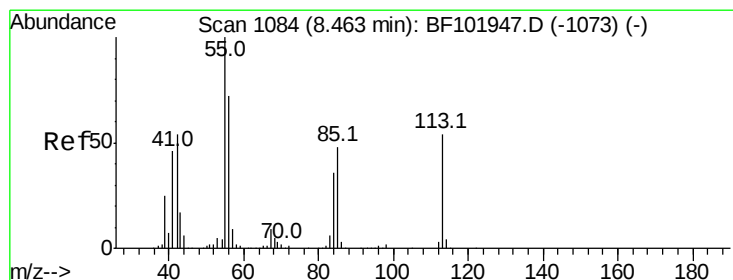
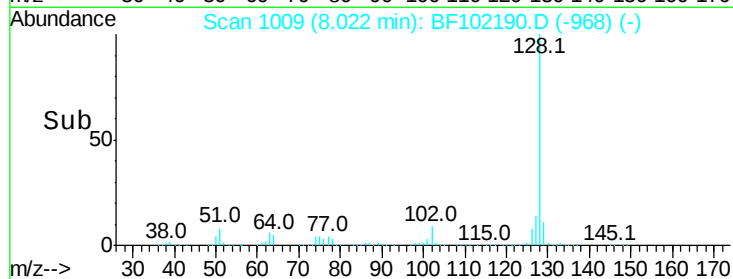
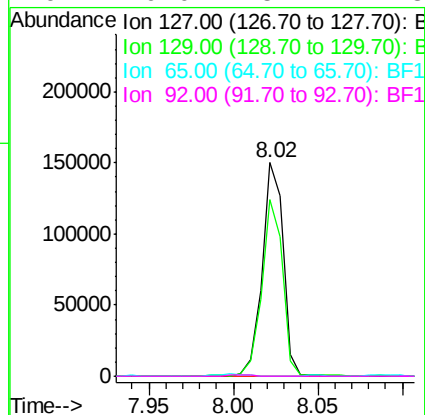
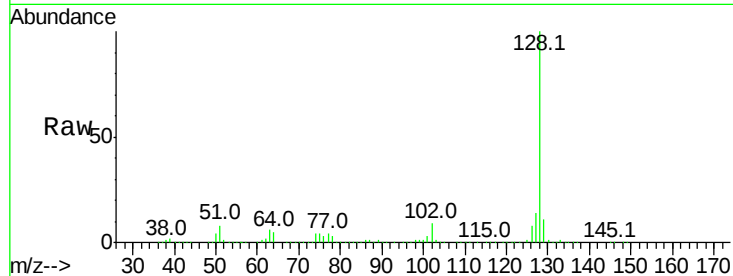




#33
4-Chloroaniline
Concen: 10.946 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.06 min
Lab File: BF102190.D
Acq: 18 Jan 2018 10:22

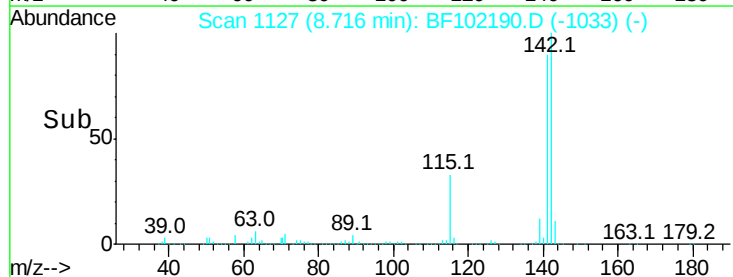
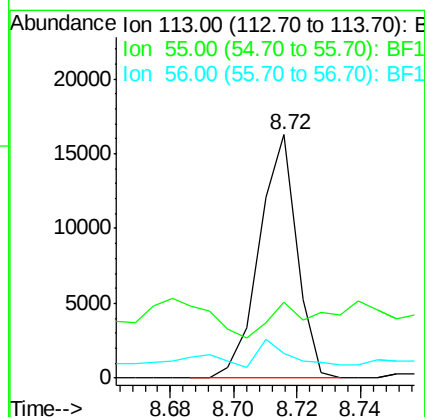
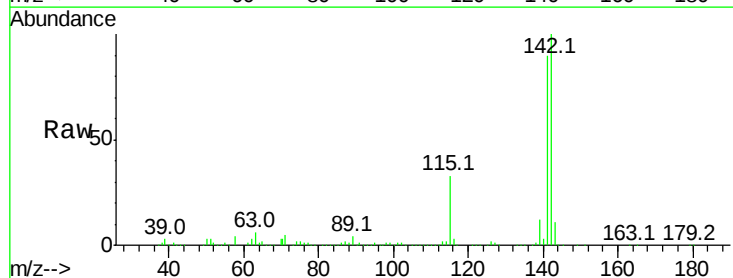
Instrument :
BNA_F
ClientSampleId :
OILY-DEBRISDL

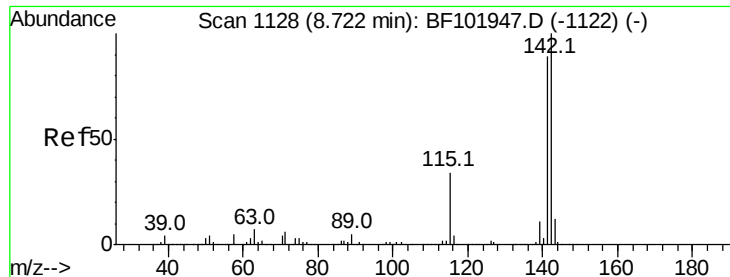
Tot Ion:127 Resp: 130492
Ion Ratio Lower Upper
127 100
129 82.9 25.9 38.9#
65 0.0 25.0 37.4#
92 0.0 15.2 22.8#



#35
Caprolactam
Concen: 5.145 ng
RT: 8.72 min Scan# 1127
Delta R.T. 0.25 min
Lab File: BF102190.D
Acq: 18 Jan 2018 10:22

Tgt Ion:113 Resp: 13401
Ion Ratio Lower Upper
113 100
55 31.2 163.3 203.3#
56 10.0 115.7 155.7#

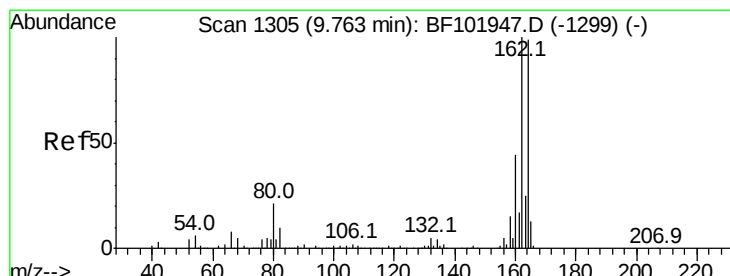
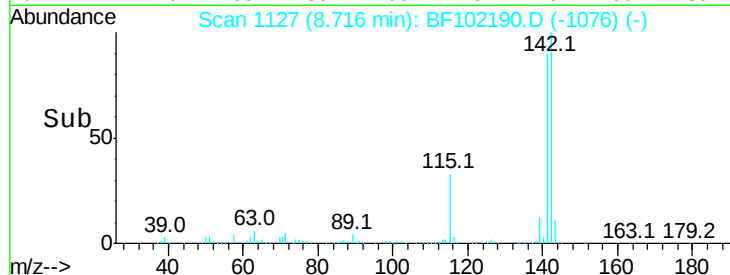
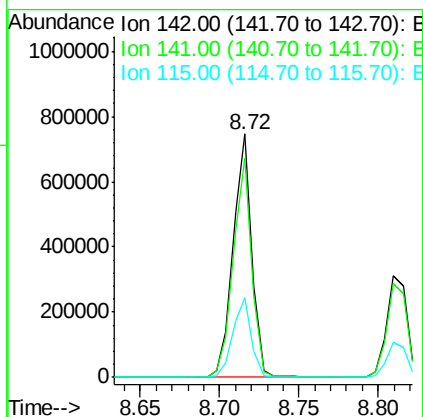
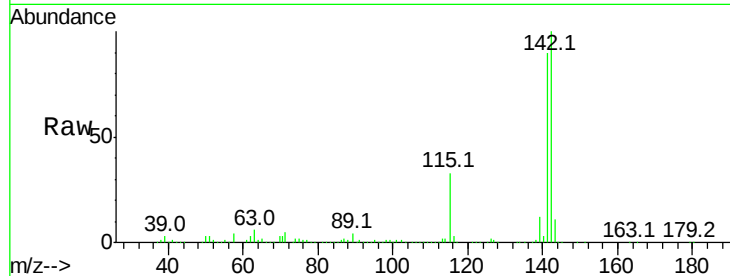




#37
 2-Methylnaphthalene
 Concen: 33.326 ng
 RT: 8.72 min Scan# 1127
 Delta R.T. -0.00 min
 Lab File: BF102190.D
 Acq: 18 Jan 2018 10:22

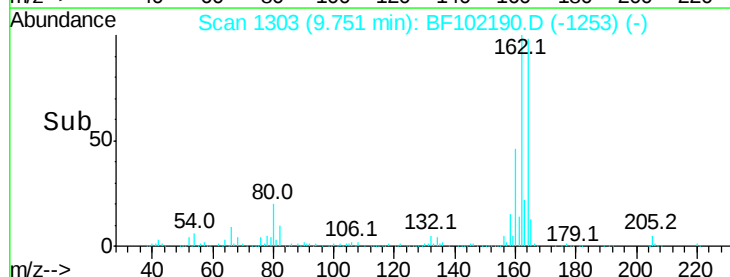
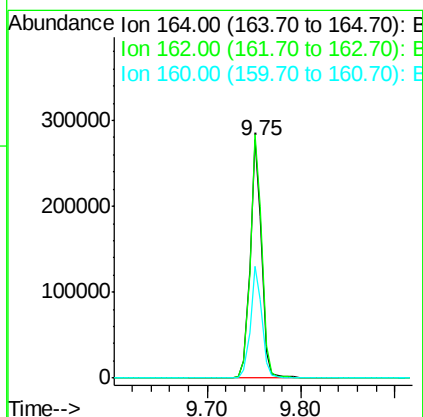
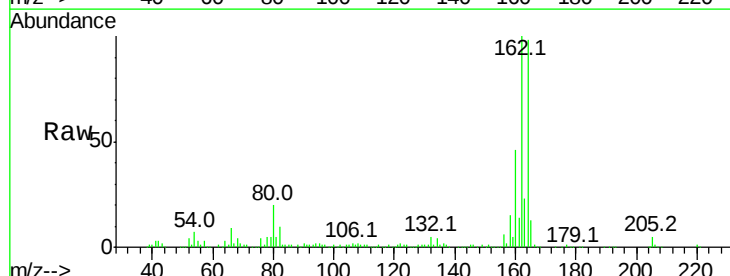
Instrument :
 BNA_F
 ClientSampleId :
 OILY-DEBRISDL

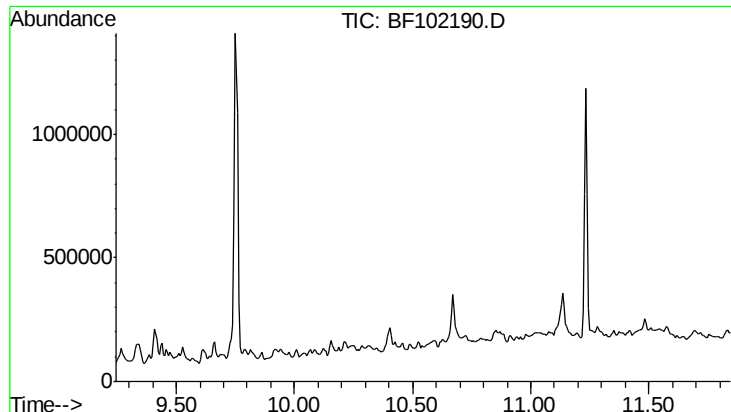
Tot Ion:142 Resp: 612824
 Ion Ratio Lower Upper
 142 100
 141 90.1 70.8 106.2
 115 33.0 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF102190.D
 Acq: 18 Jan 2018 10:22

Tgt Ion:164 Resp: 235305
 Ion Ratio Lower Upper
 164 100
 162 102.2 86.1 129.1
 160 46.8 38.3 57.5





#41

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 10.55 min

Lab File: BF102190.D

Acq: 18 Jan 2018 10:22

Instrument :

BNA_F

ClientSampleId :

OILY-DEBRISDL

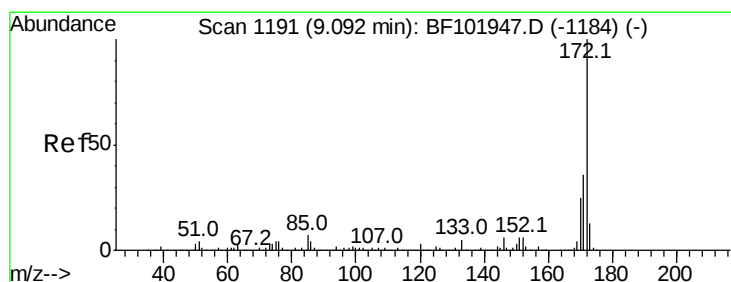
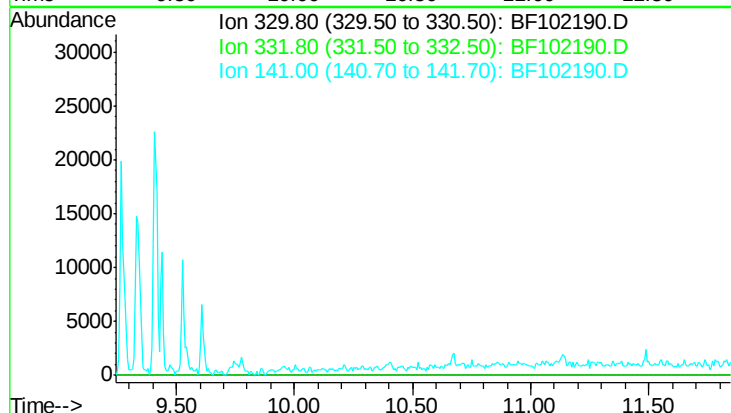
Tot Ion: 330

Sig Exp Ratio

330 100

332 96.3

141 37.4



#44

2-Fluorobiphenyl

Concen: 0.050 ng

RT: 9.07 min Scan# 1188

Delta R.T. -0.01 min

Lab File: BF102190.D

Acq: 18 Jan 2018 10:22

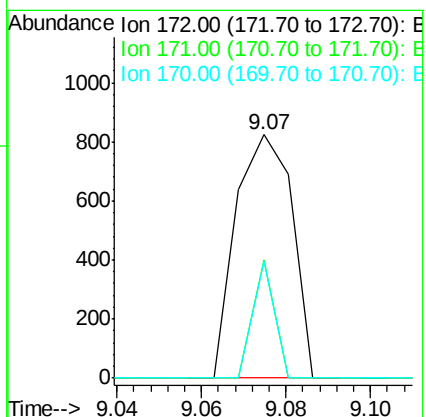
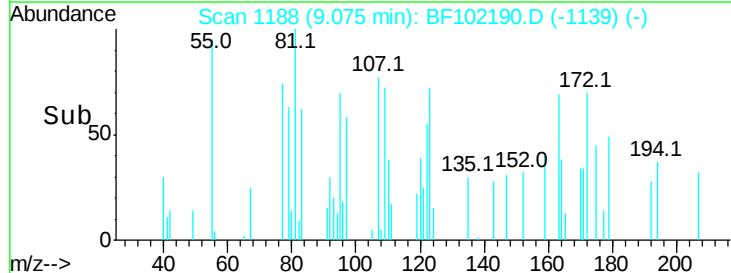
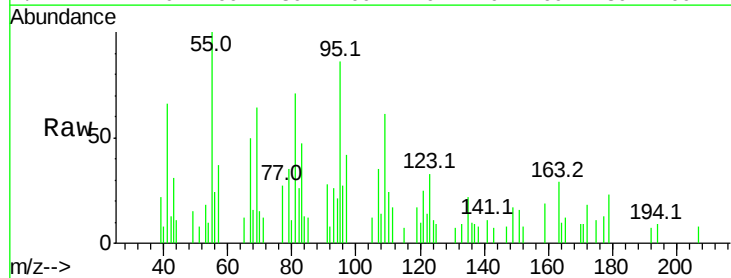
Tgt Ion:172 Resp: 759

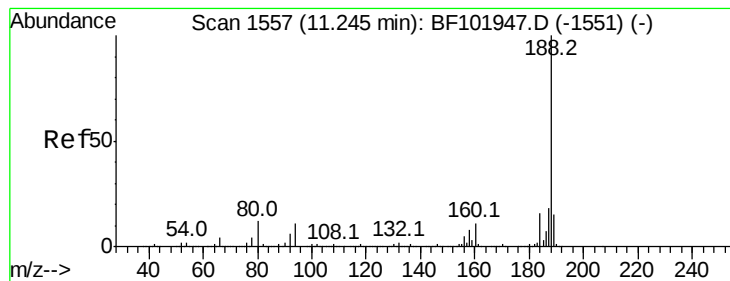
Ion Ratio Lower Upper

172 100

171 48.8 29.7 44.5#

170 48.1 19.6 29.4#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.23 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BF102190.D

Acq: 18 Jan 2018 10:22

Instrument :

BNA_F

ClientSampleId :

OILY-DEBRISDL

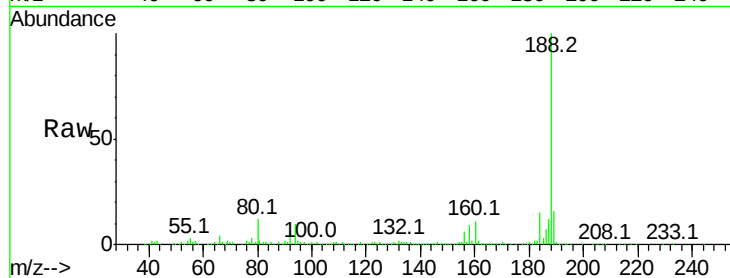
Tot Ion:188 Resp: 336677

Ion Ratio Lower Upper

188 100

94 10.4 8.5 12.7

80 11.6 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

500000

400000

300000

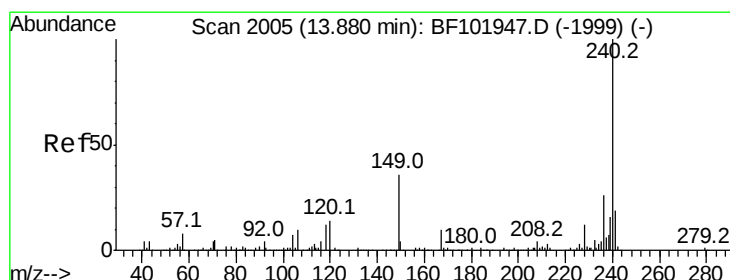
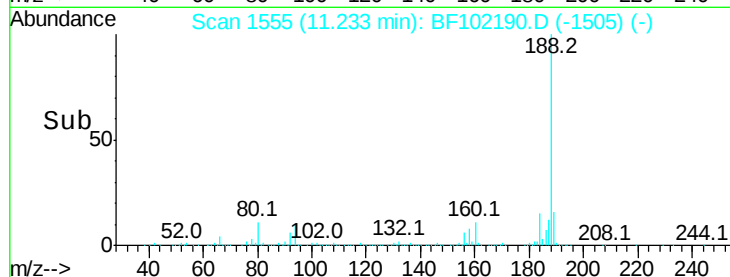
200000

100000

0

11.23

Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF102190.D

Acq: 18 Jan 2018 10:22

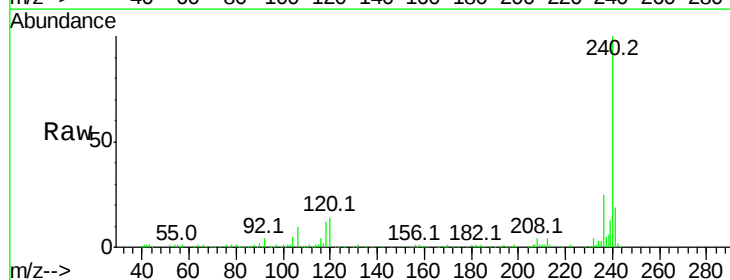
Tgt Ion:240 Resp: 232966

Ion Ratio Lower Upper

240 100

120 13.9 9.5 14.3

236 25.0 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

300000

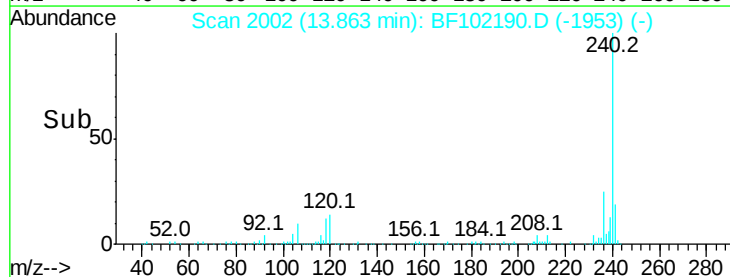
200000

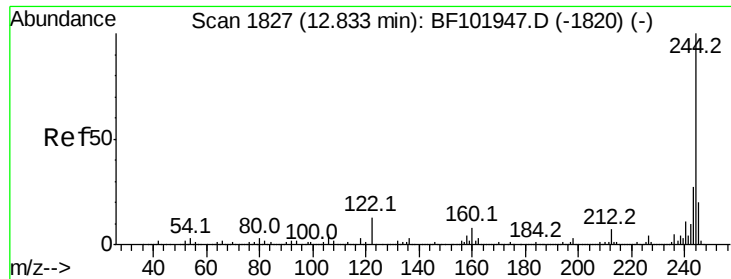
100000

0

13.86

Time-->

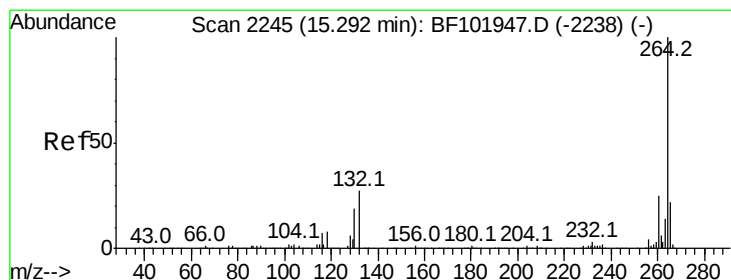
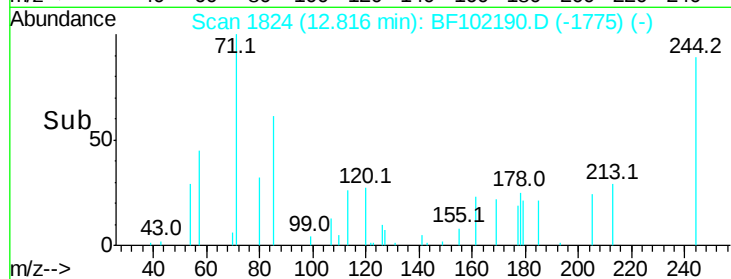
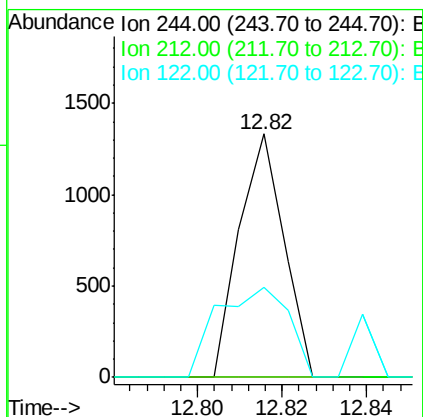
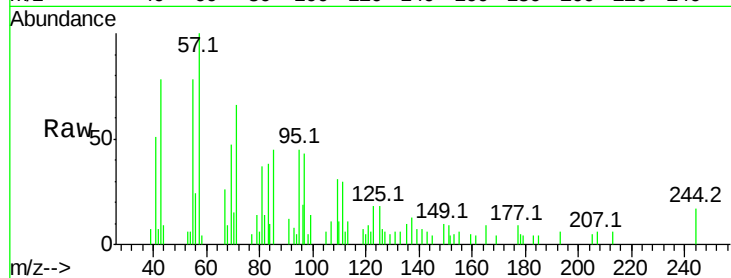




#78
 Terphenyl-d14
 Concen: 0.087 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: BF102190.D
 Acq: 18 Jan 2018 10:22

Instrument :
 BNA_F
 ClientSampleId :
 OILY-DEBRISDL

Tot Ion:244 Resp: 979
 Ion Ratio Lower Upper
 244 100
 212 0.0 5.4 8.0#
 122 36.8 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.28 min Scan# 2243
 Delta R.T. -0.01 min
 Lab File: BF102190.D
 Acq: 18 Jan 2018 10:22

Tgt Ion:264 Resp: 224142
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 20.8 17.5 26.3

