

Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
 Data File : BF102186.D
 Acq On : 18 Jan 2018 8:35
 Operator : SJ/JU
 Sample : J1151-04 100X
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OILY-DEBRIS

Quant Time: Jan 18 09:40:23 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

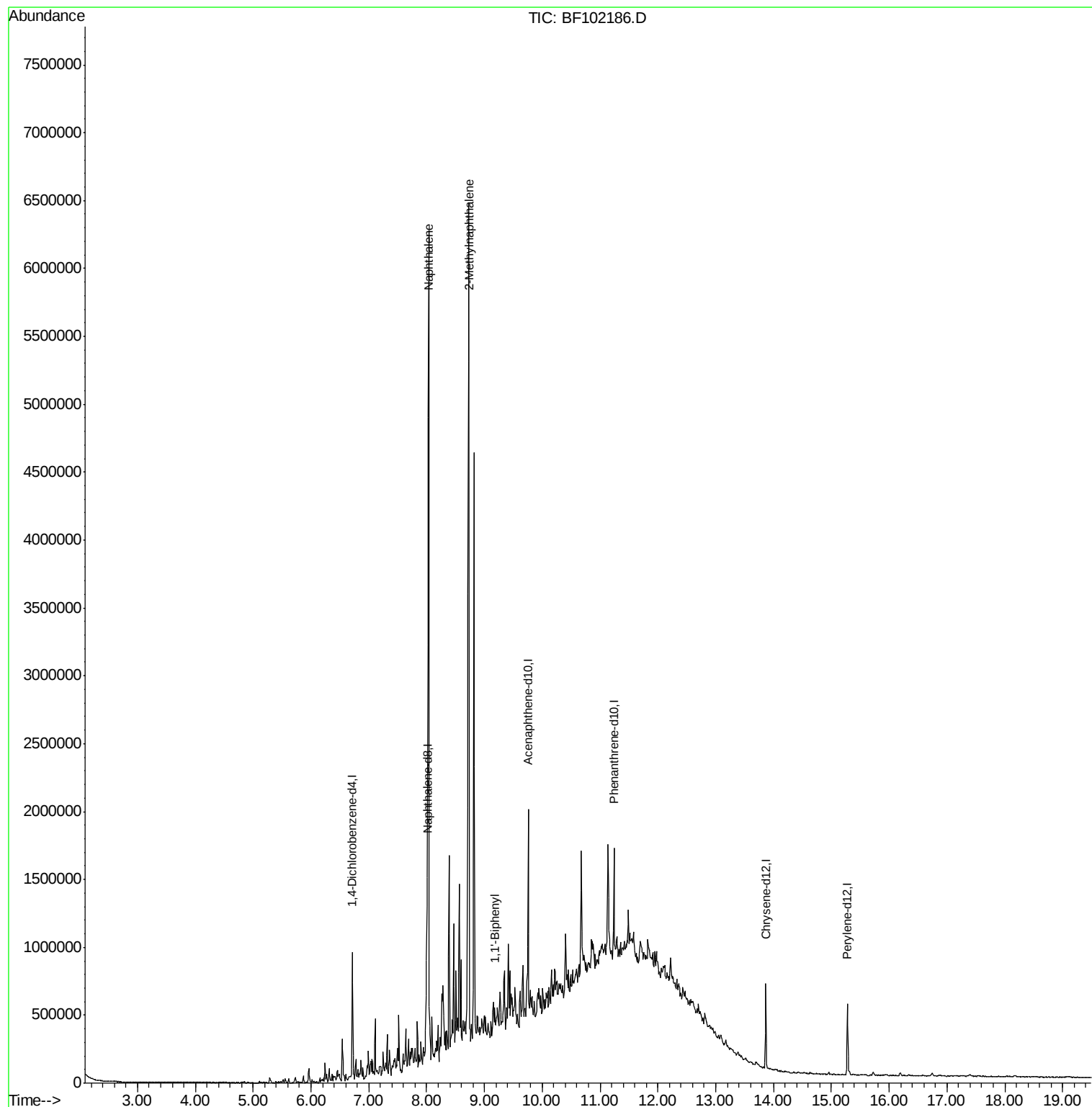
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	130426	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	509990	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	212628	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	296573	20.00	ng	0.00
75) Chrysene-d12	13.87	240	214075	20.00	ng	0.00
86) Perylene-d12	15.28	264	211467	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1208	0.13	ng	0.00
7) Phenol-d6	6.35	99	1606	0.15	ng	-0.01
23) Nitrobenzene-d5	7.27	82	4386	0.51	ng	-0.02
41) 2,4,6-Tribromophenol	10.54	330	126	0.07	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	3481	0.26	ng	-0.01
78) Terphenyl-d14	12.82	244	2813	0.27	ng	-0.01
Target Compounds						
31) Naphthalene	8.03	128	3649973	143.230	ng	98
37) 2-Methylnaphthalene	8.73	142	2340022	139.483	ng	96
45) 1,1'-Biphenyl	9.17	154	51976	2.766	ng	98

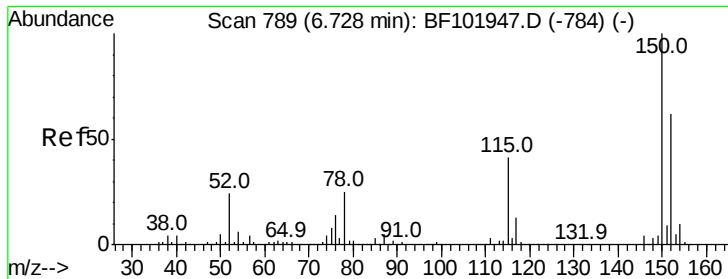
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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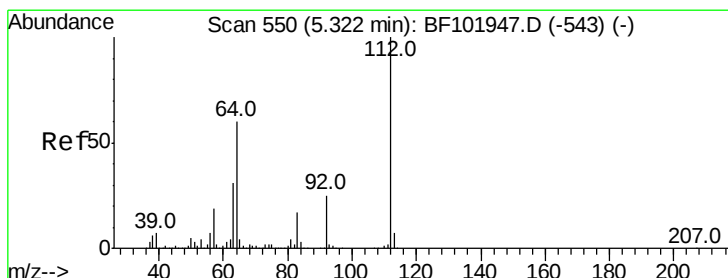
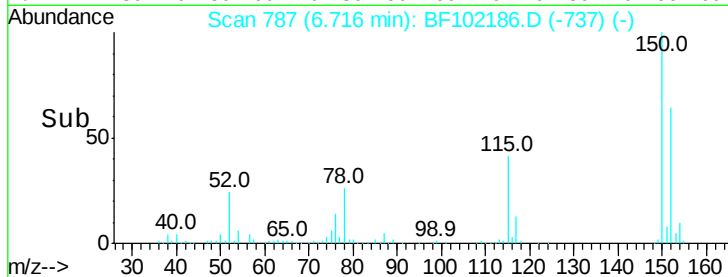
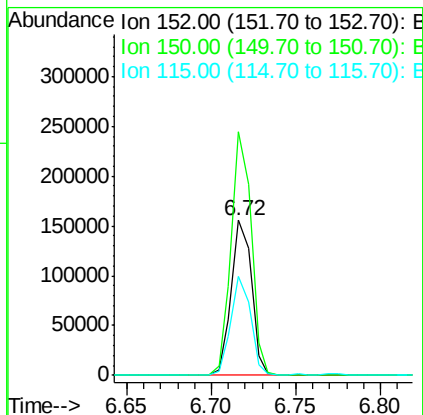
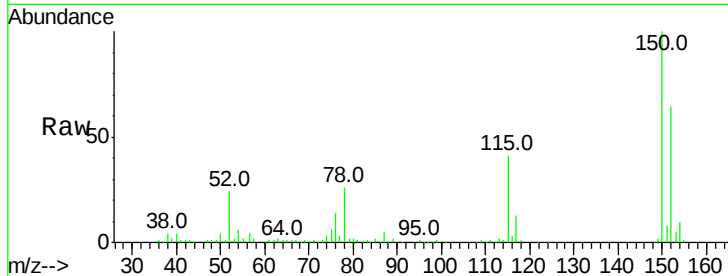


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 787
 Delta R.T. -0.01 min
 Lab File: BF102186.D
 Acq: 18 Jan 2018 8:35

Instrument :
 BNA_F
 ClientSampleId :
 OILY-DEBRIS

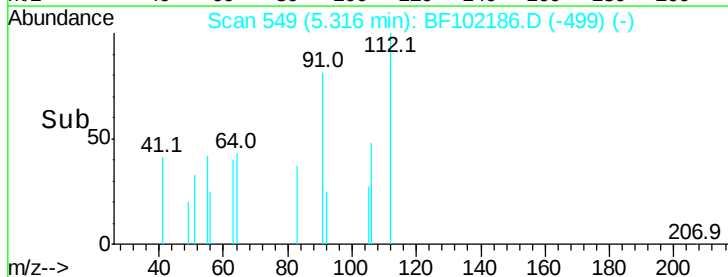
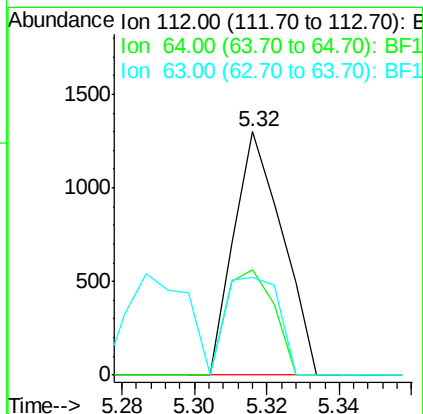
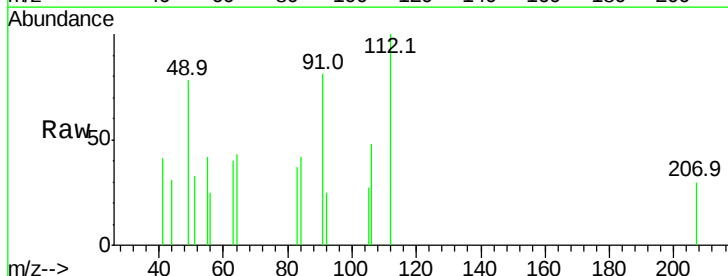
Tot Ion:152 Resp: 130426
 Ion Ratio Lower Upper
 152 100
 150 156.8 124.6 186.8
 115 63.6 50.1 75.1



#5

2-Fluorophenol
 Concen: 0.131 ng
 RT: 5.32 min Scan# 549
 Delta R.T. -0.01 min
 Lab File: BF102186.D
 Acq: 18 Jan 2018 8:35

Tgt Ion:112 Resp: 1208
 Ion Ratio Lower Upper
 112 100
 64 43.4 47.9 71.9#
 63 40.2 23.7 35.5#





#7

Phenol-d6

Concen: 0.146 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF102186.D

Acq: 18 Jan 2018 8:35

Instrument :

BNA_F

ClientSampleId :

OILY-DEBRIS

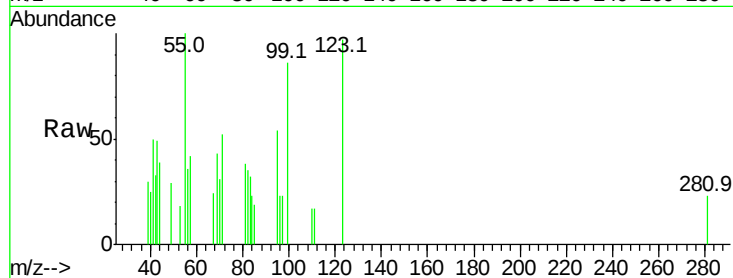
Tot Ion: 99 Resp: 1606

Ion Ratio Lower Upper

99 100

42 38.4 14.5 21.7#

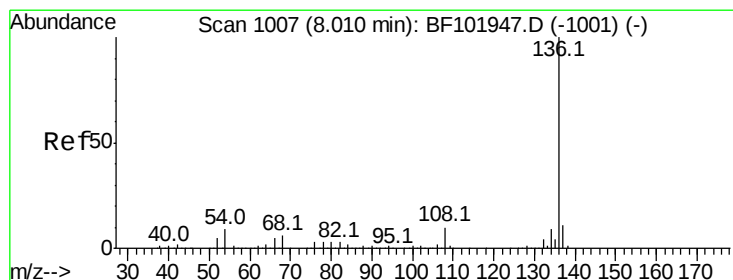
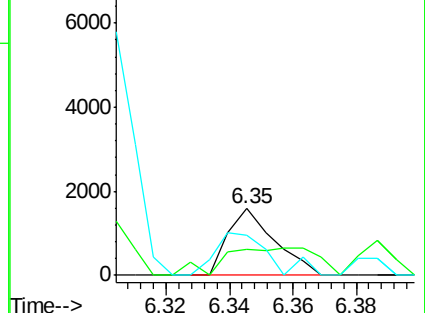
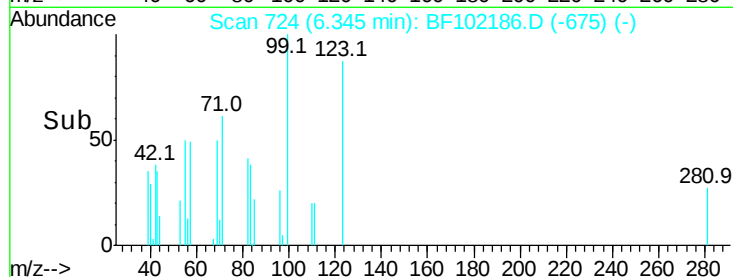
71 60.8 25.4 38.0#



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: BF102186.D

Acq: 18 Jan 2018 8:35

Tgt Ion: 136 Resp: 509990

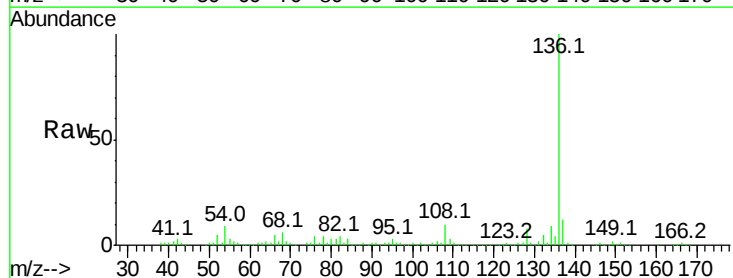
Ion Ratio Lower Upper

136 100

137 11.6 8.9 13.3

54 8.6 6.6 9.8

68 6.1 5.0 7.4

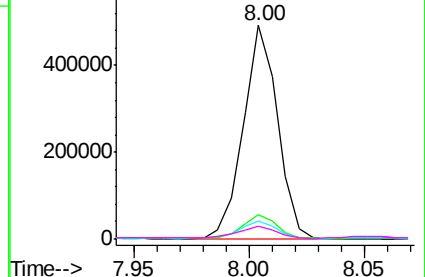
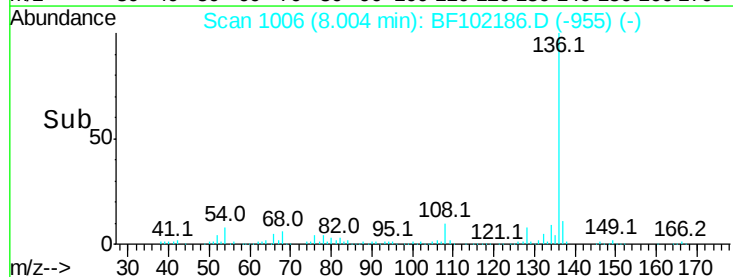


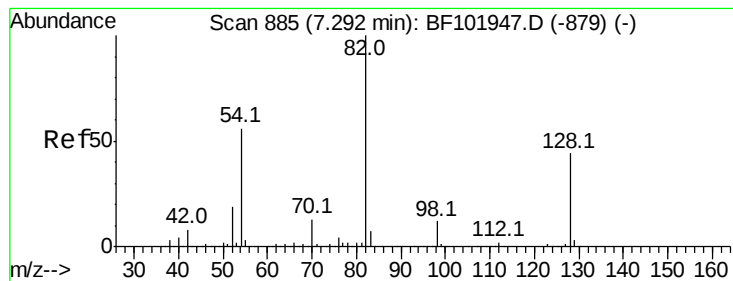
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.505 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.02 min

Lab File: BF102186.D

Acq: 18 Jan 2018 8:35

Instrument :

BNA_F

ClientSampleId :

OILY-DEBRIS

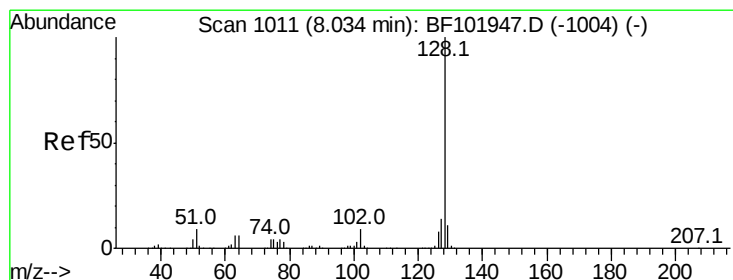
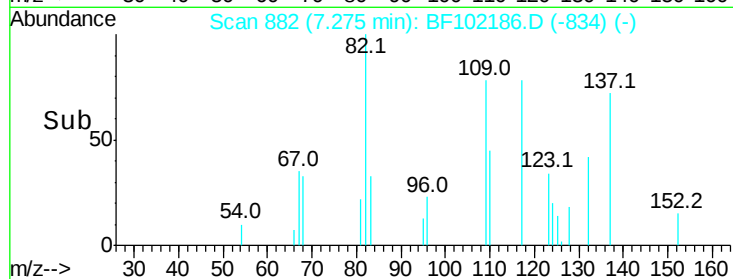
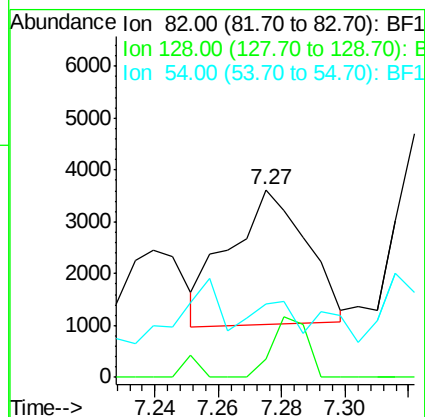
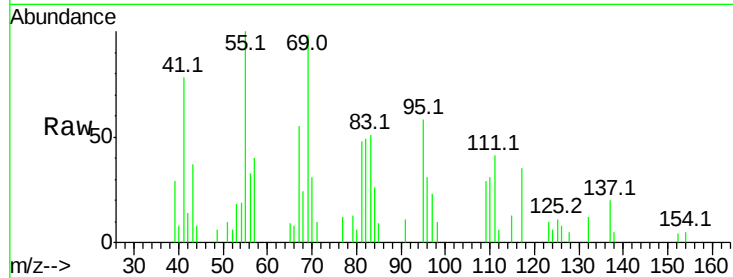
Tot Ion: 82 Resp: 4386

Ion Ratio Lower Upper

82 100

128 10.1 36.1 54.1#

54 39.4 41.4 62.2#



#31

Naphthalene

Concen: 143.230 ng

RT: 8.03 min Scan# 1011

Delta R.T. 0.01 min

Lab File: BF102186.D

Acq: 18 Jan 2018 8:35

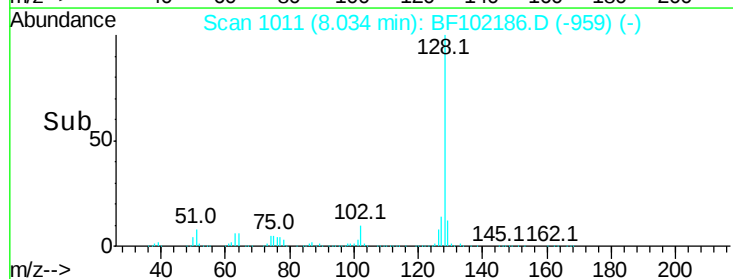
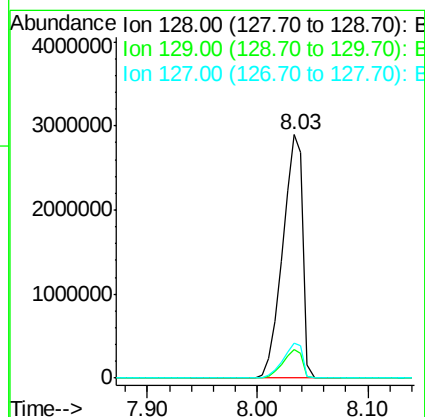
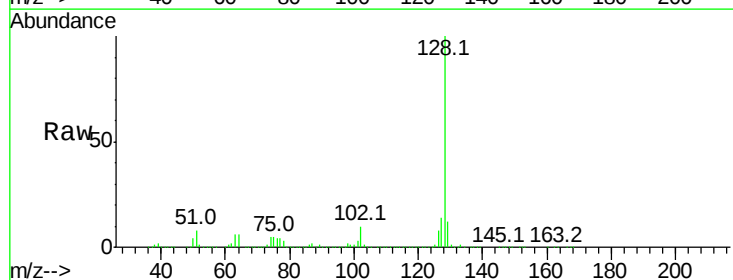
Tgt Ion:128 Resp: 3649973

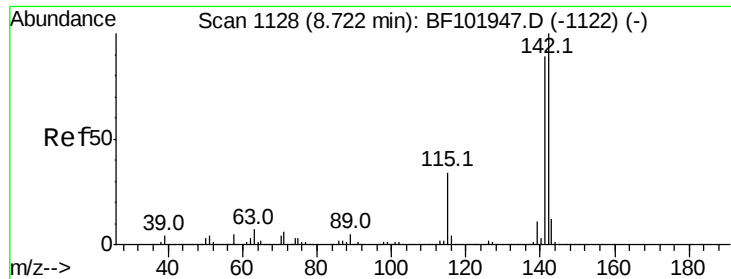
Ion Ratio Lower Upper

128 100

129 11.8 8.8 13.2

127 14.3 10.9 16.3

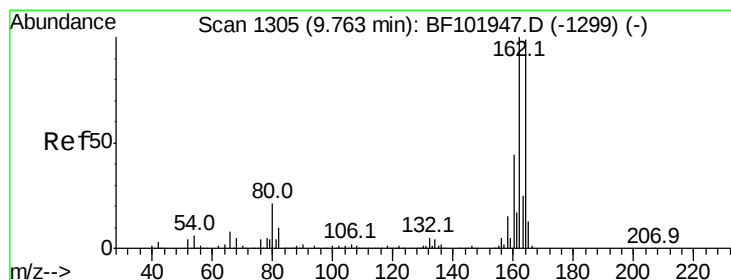
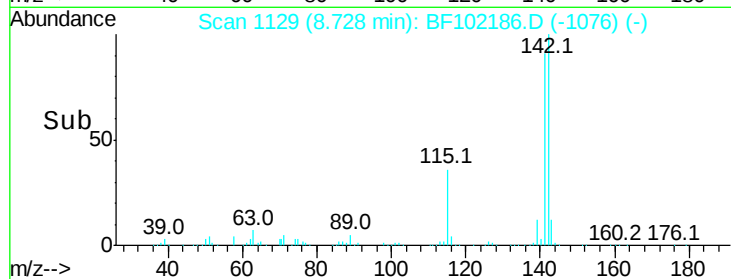
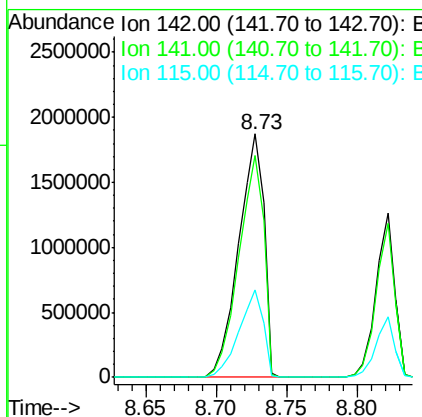
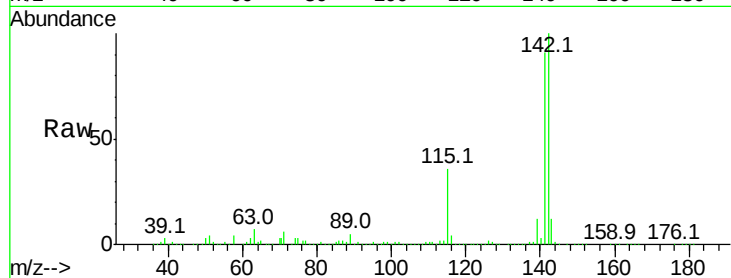




#37
2-Methylnaphthalene
Concen: 139.483 ng
RT: 8.73 min Scan# 1129
Delta R.T. 0.01 min
Lab File: BF102186.D
Acq: 18 Jan 2018 8:35

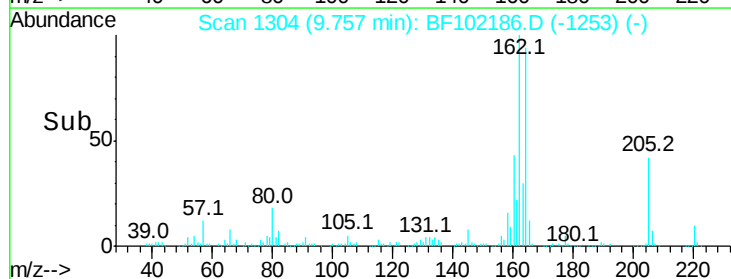
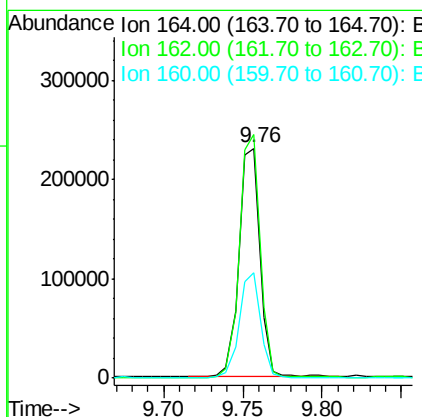
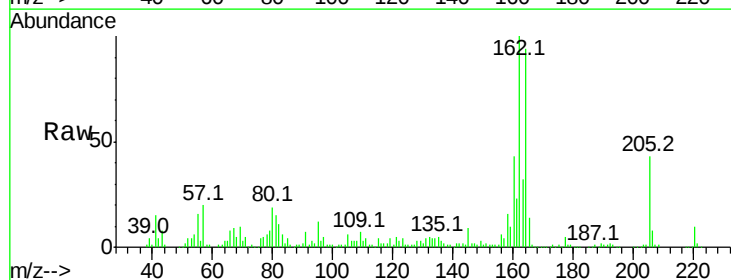
Instrument :
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Tot Ion:142 Resp: 2340022
Ion Ratio Lower Upper
142 100
141 91.1 70.8 106.2
115 36.0 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BF102186.D
Acq: 18 Jan 2018 8:35

Tgt Ion:164 Resp: 212628
Ion Ratio Lower Upper
164 100
162 105.9 86.1 129.1
160 45.9 38.3 57.5

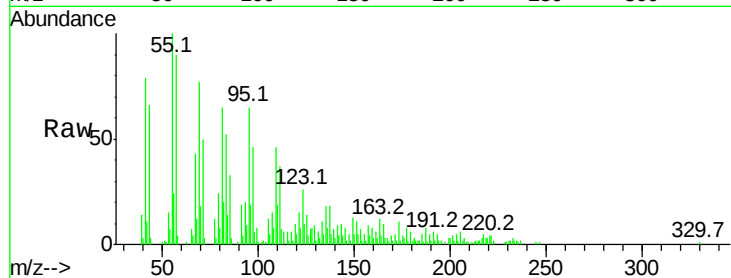




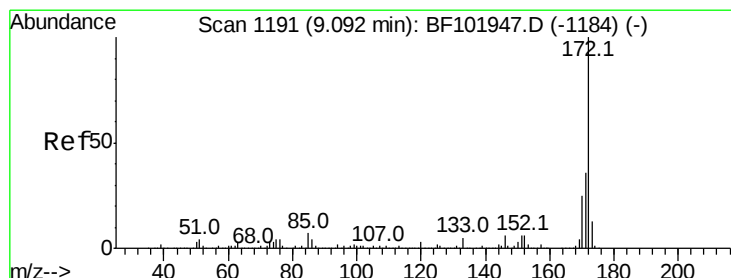
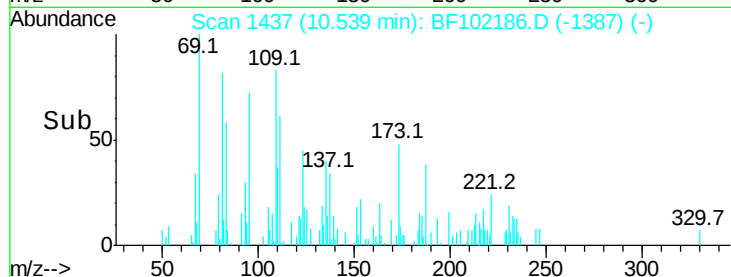
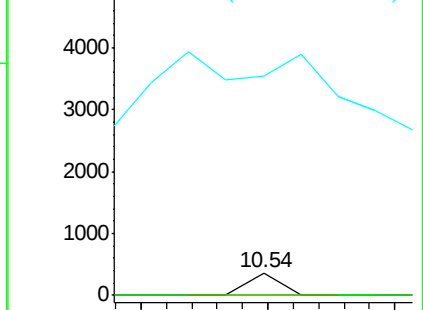
#41
2,4,6-Tribromophenol
Concen: 0.068 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF102186.D
Acq: 18 Jan 2018 8:35

Instrument :
BNA_F
ClientSampleId :
OILY-DEBRIS

Tot Ion:330 Resp: 126
Ion Ratio Lower Upper
330 100
332 0.0 77.0 115.6#
141 1617.5 29.9 44.9#

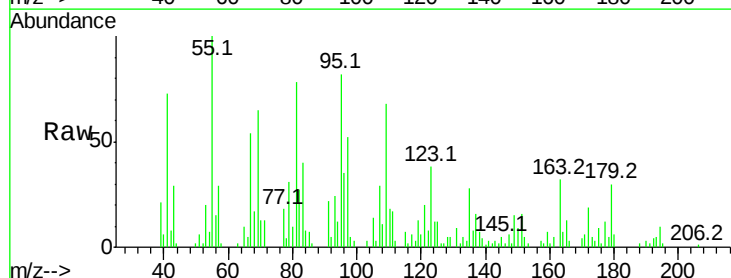


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

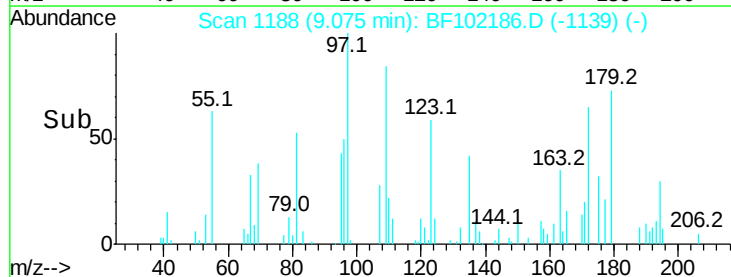
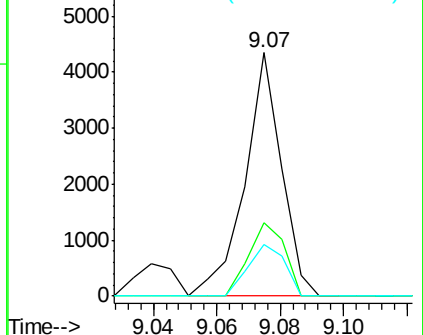


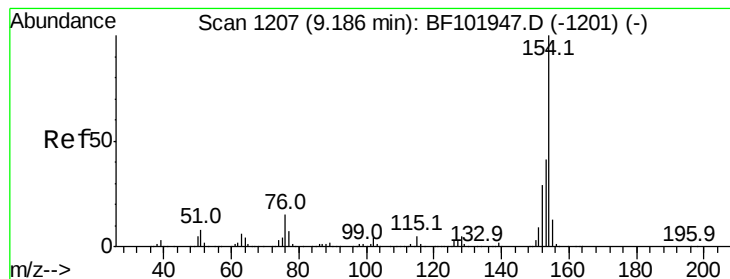
#44
2-Fluorobiphenyl
Concen: 0.256 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF102186.D
Acq: 18 Jan 2018 8:35

Tgt Ion:172 Resp: 3481
Ion Ratio Lower Upper
172 100
171 30.3 29.7 44.5
170 21.1 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





#45

1,1'-Biphenyl

Concen: 2.766 ng

RT: 9.17 min Scan# 1205

Delta R.T. -0.01 min

Lab File: BF102186.D

Acq: 18 Jan 2018 8:35

Instrument :

BNA_F

ClientSampleId :

OILY-DEBRIS

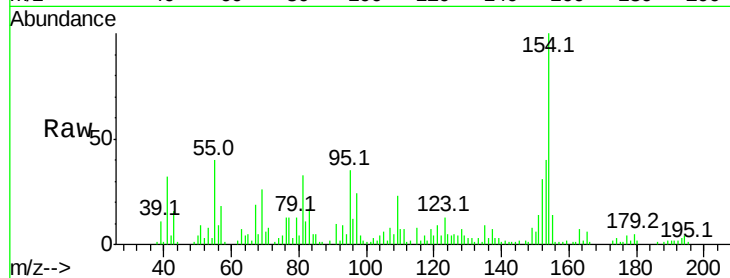
Tot Ion:154 Resp: 51976

Ion Ratio Lower Upper

154 100

153 40.2 21.3 61.3

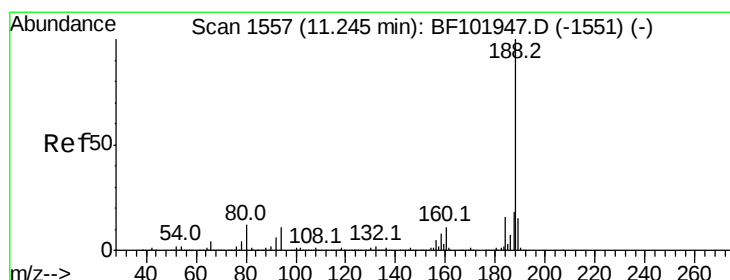
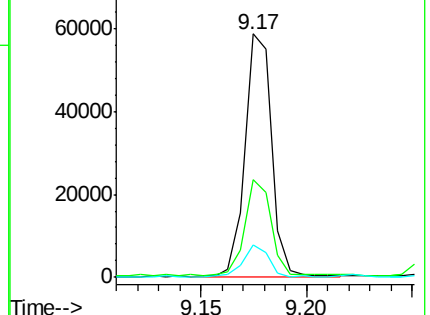
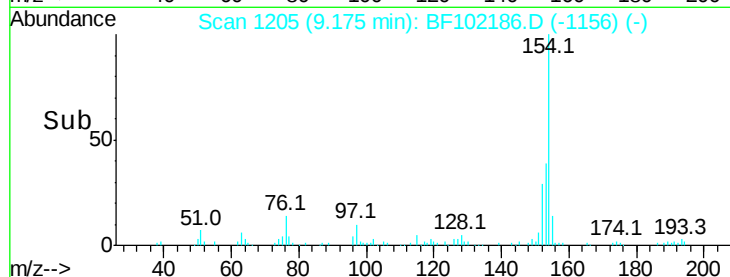
76 13.5 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.24 min Scan# 1556

Delta R.T. -0.00 min

Lab File: BF102186.D

Acq: 18 Jan 2018 8:35

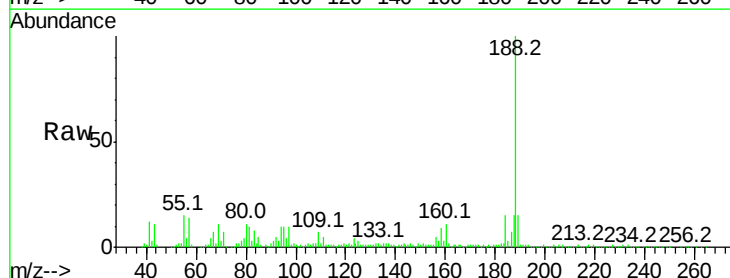
Tgt Ion:188 Resp: 296573

Ion Ratio Lower Upper

188 100

94 10.4 8.5 12.7

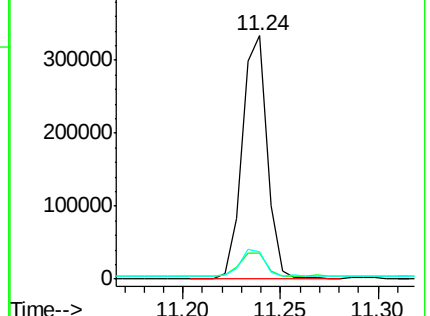
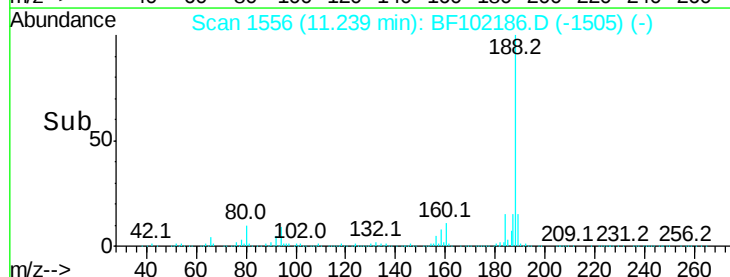
80 11.1 9.2 13.8

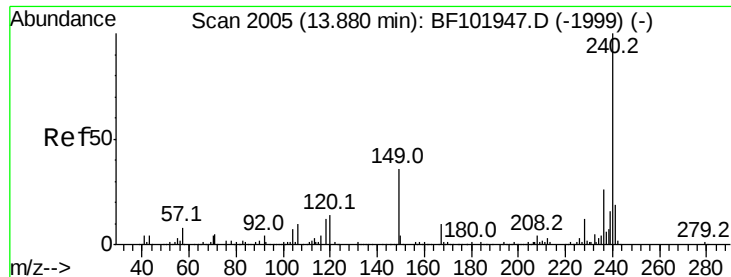


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF102186.D

Acq: 18 Jan 2018 8:35

Instrument :

BNA_F

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OILY-DEBRIS

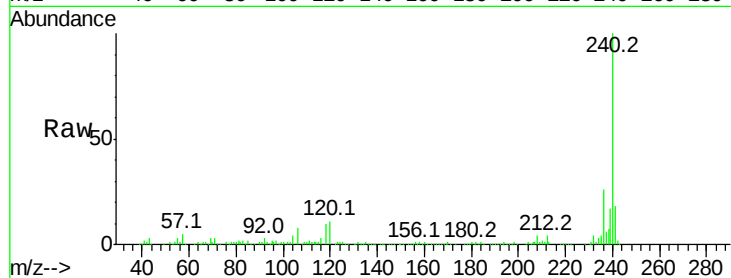
Tot Ion:240 Resp: 214075

Ion Ratio Lower Upper

240 100

120 11.1 9.5 14.3

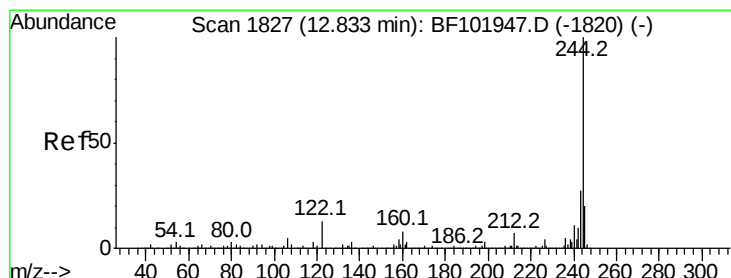
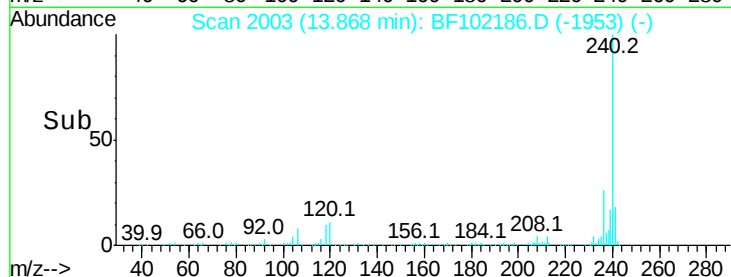
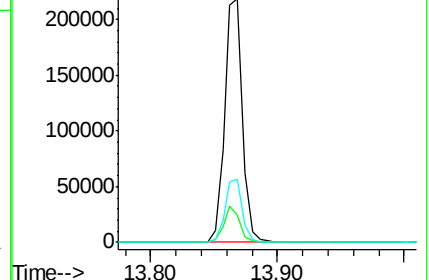
236 25.7 20.7 31.1



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: 0.273 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF102186.D

Acq: 18 Jan 2018 8:35

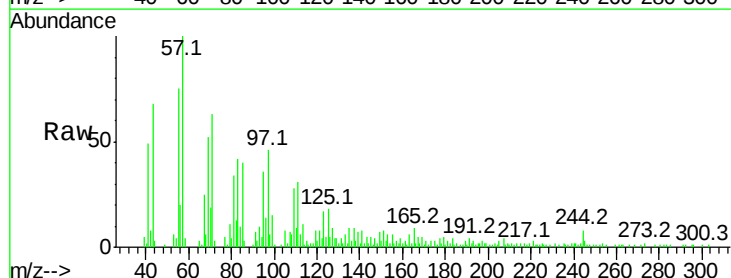
Tgt Ion:244 Resp: 2813

Ion Ratio Lower Upper

244 100

212 12.8 5.4 8.0#

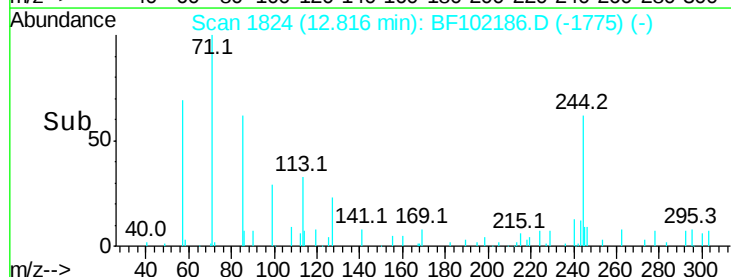
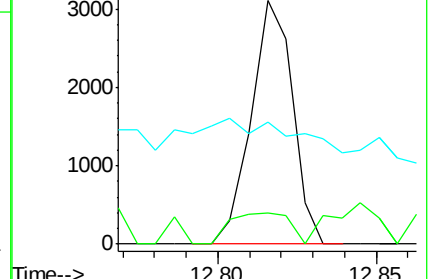
122 50.1 11.0 16.4#

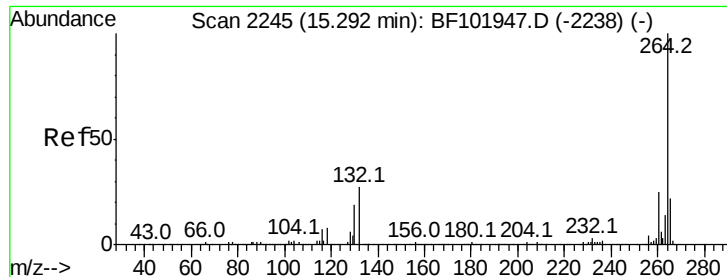


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

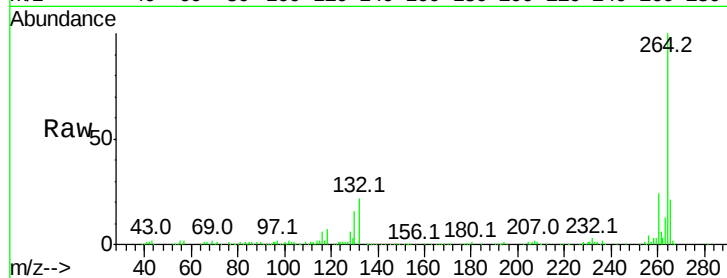




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2243
Delta R.T. -0.01 min
Lab File: BF102186.D
Acq: 18 Jan 2018 8:35

Instrument :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	20.6	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

