

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 09:19:12 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

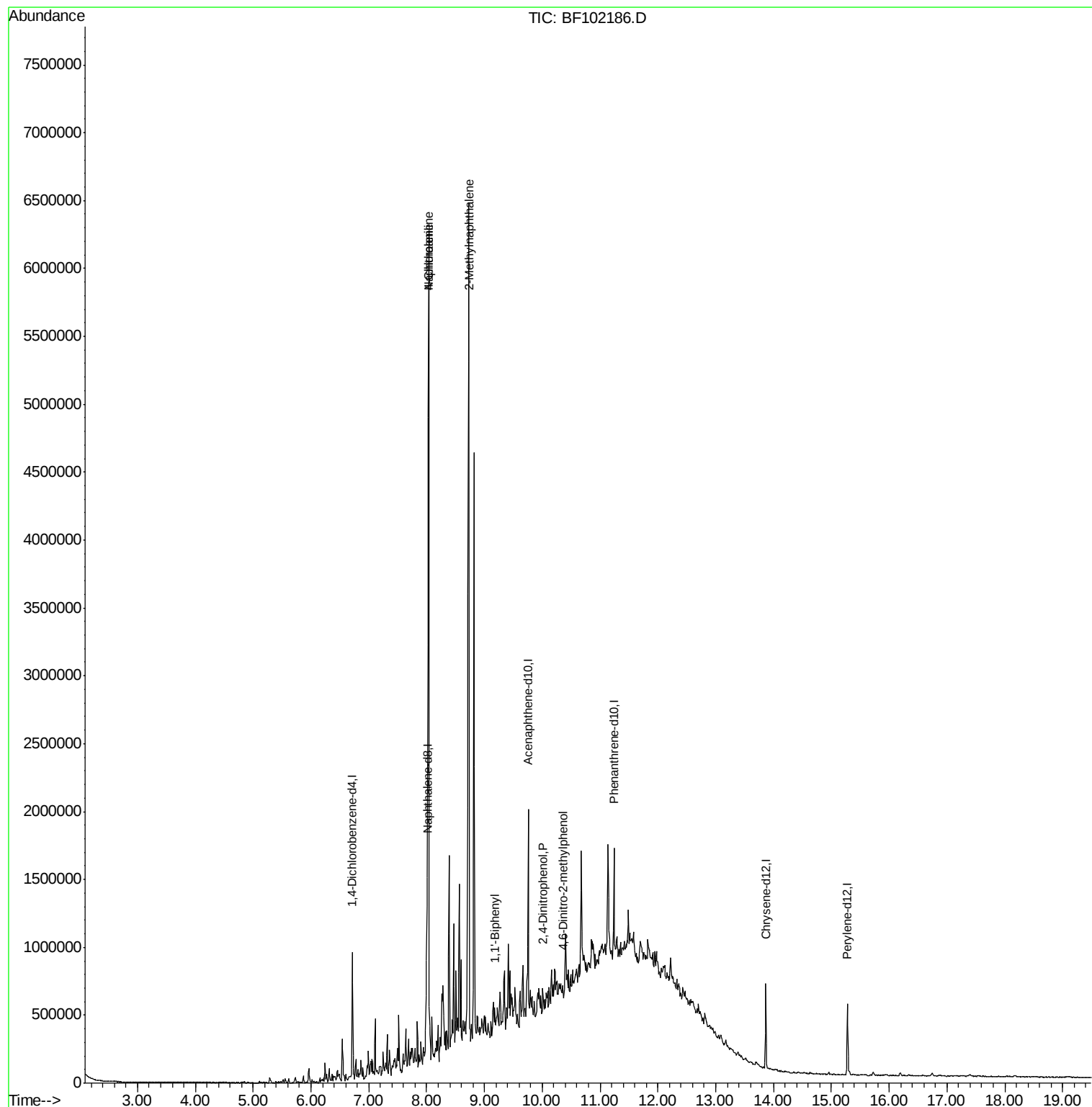
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	130426	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	509990	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	212628	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	296573	20.00	ng	0.00
75) Chrysene-d12	13.87	240	214075	20.00	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
33) 4-Chloroaniline	8.03	127	514210	47.276	ng	# 34
37) 2-Methylnaphthalene	8.73	142	2340022	139.483	ng	96
45) 1,1'-Biphenyl	9.17	154	51976	2.766	ng	98
53) 2,4-Dinitrophenol	10.01	184	167	8.772	ng	# 74
64) 4,6-Dinitro-2-methylphenol	10.37	198	139	5.738	ng	# 1

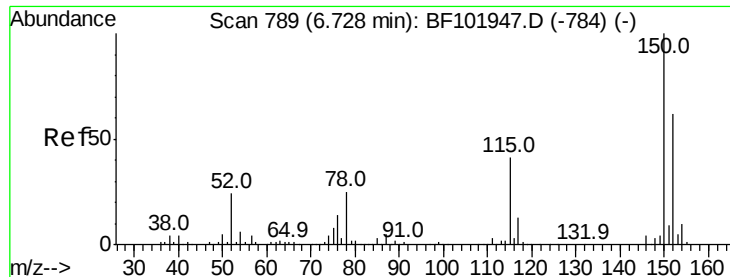
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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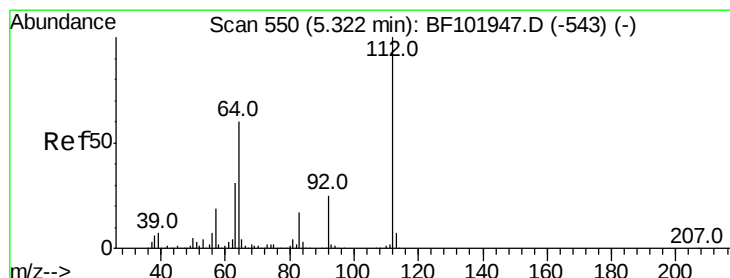
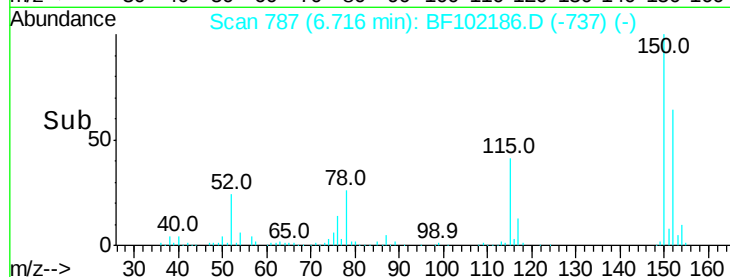
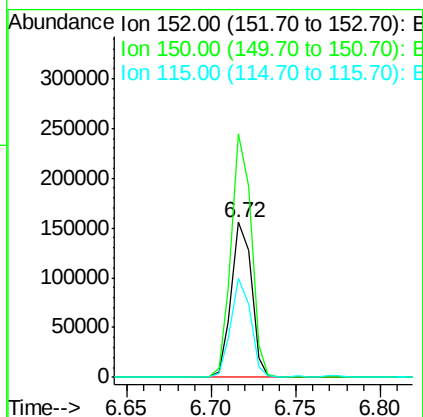
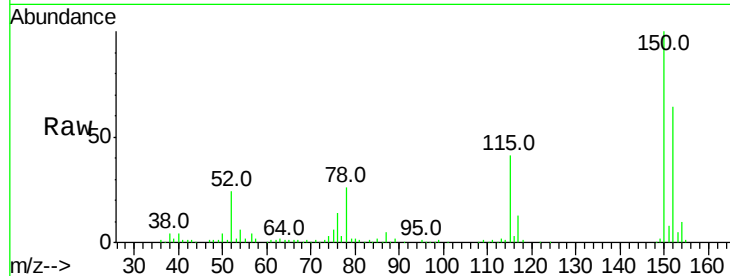


#1

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

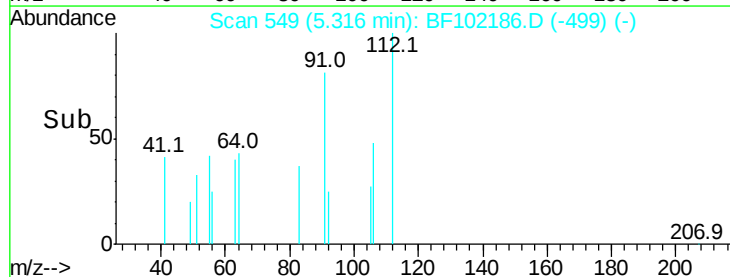
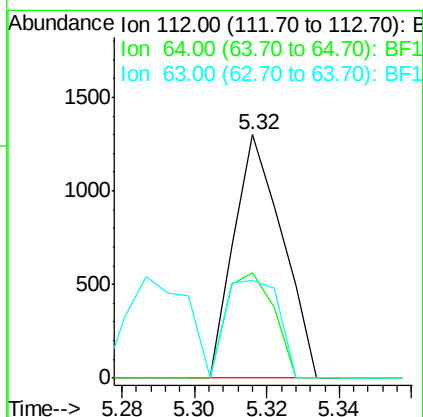
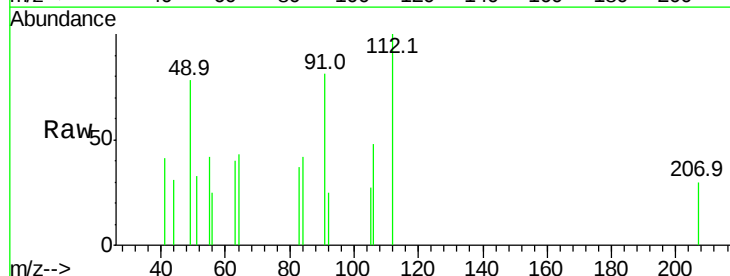
Tot Ion:152 Resp: 130426
Ion Ratio Lower Upper
152 100
150 156.8 124.6 186.8
115 63.6 50.1 75.1

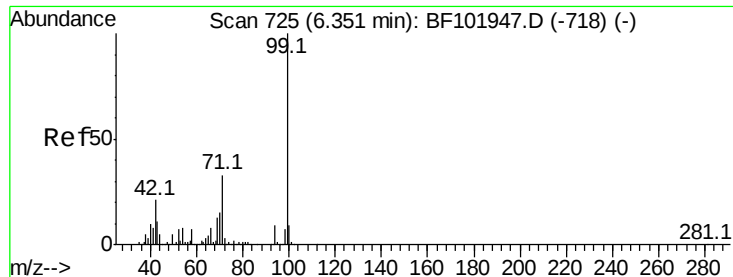


#5

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

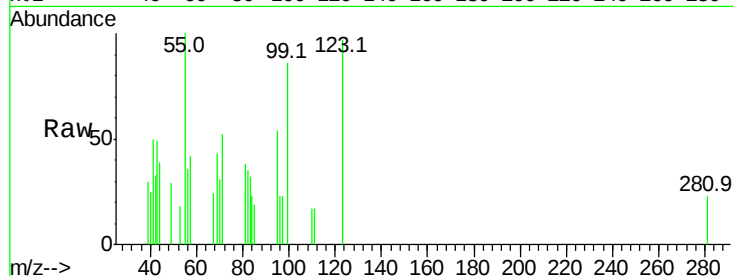
Tot Ion: 99 Resp: 1606

Ion Ratio Lower Upper

99 100

42 38.4 14.5 21.7#

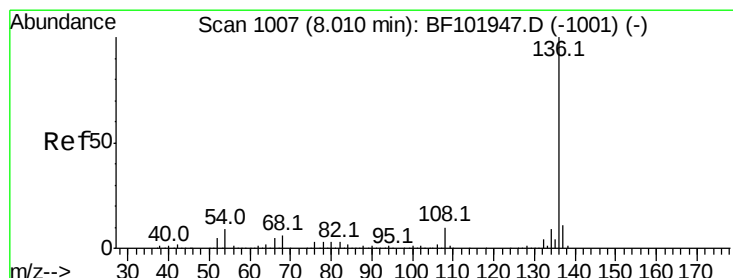
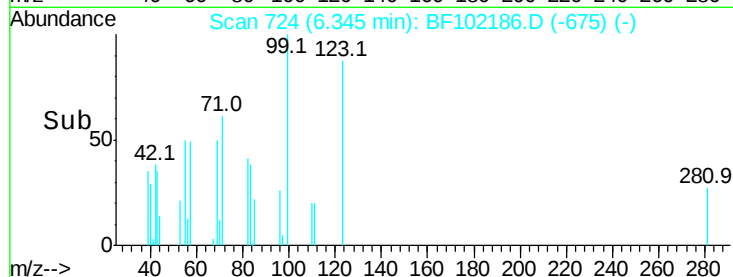
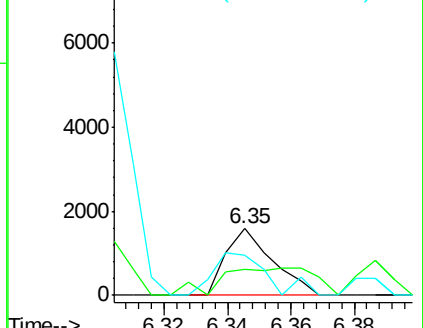
71 60.8 25.4 38.0#



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

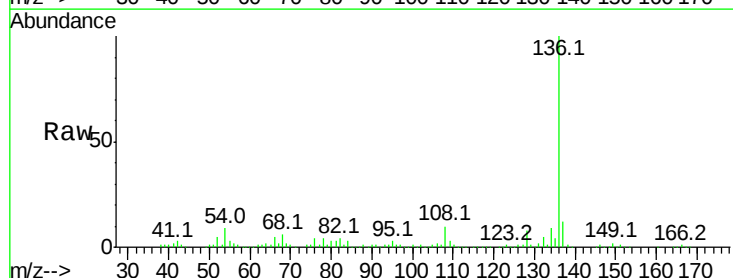
Ion Ratio Lower Upper

136 100

137 11.6 8.9 13.3

54 8.6 6.6 9.8

68 6.1 5.0 7.4

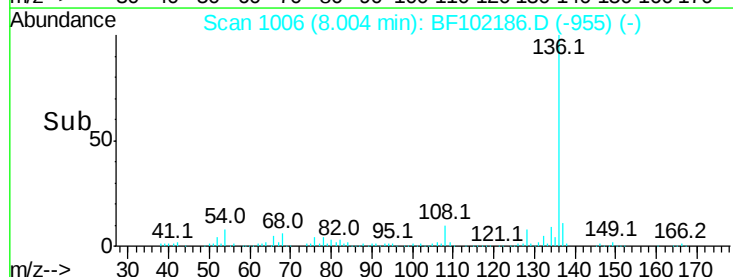
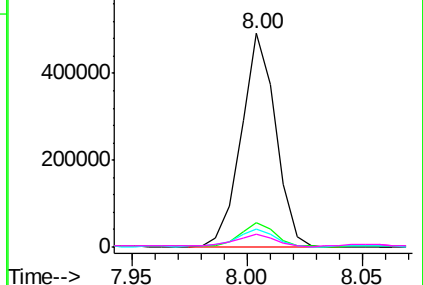


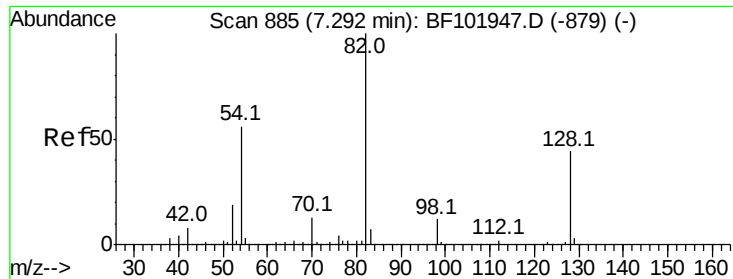
Abundance Ion 136.00 (135.70 to 136.70): E

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

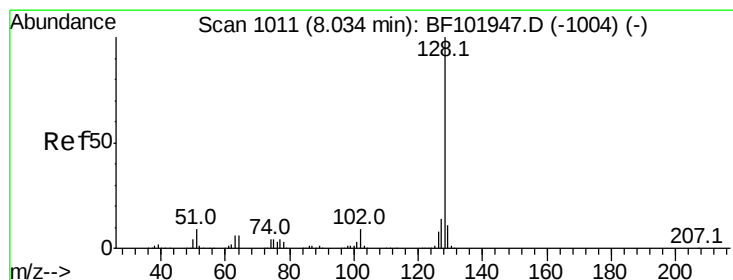
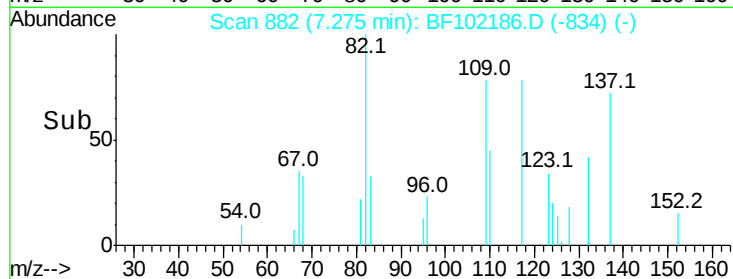
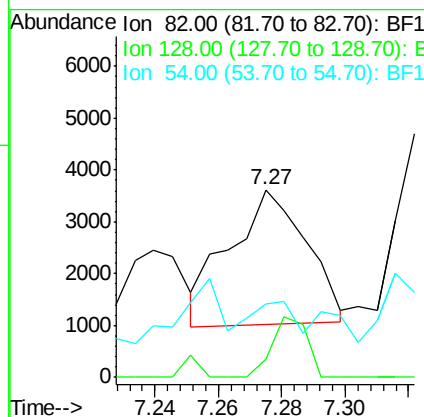
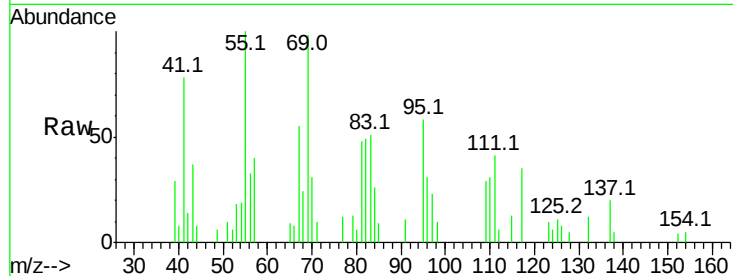




#23
 Nitrobenzene-d5
 Concen: 0.505 ng
 RT: 7.27 min Scan# 882
 Delta R.T. -0.02 min
 Lab File: BF102186.D
 Acq: 18 Jan 2018 8:35

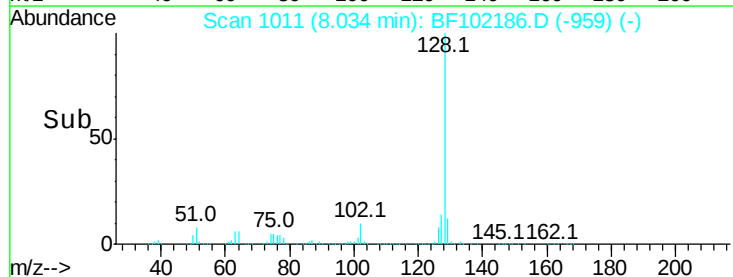
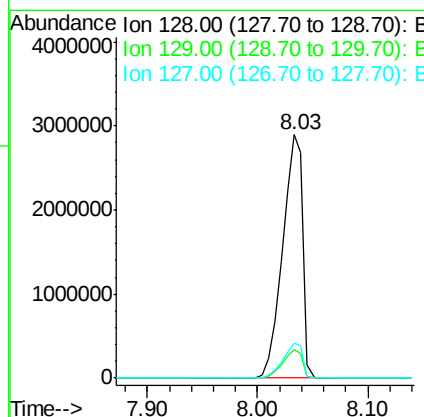
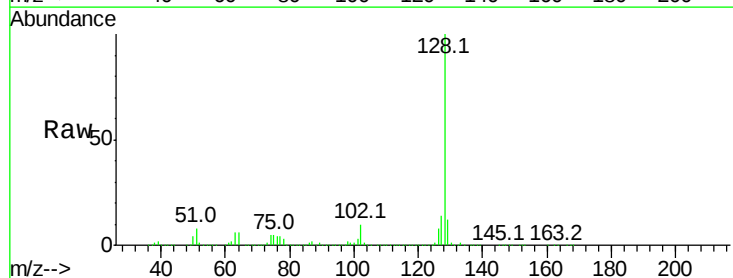
Instrument :
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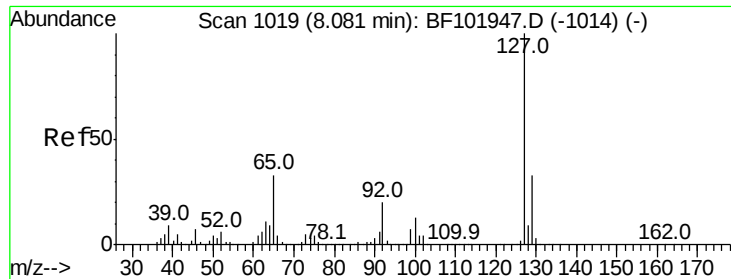
Tot Ion: 82 Resp: 4386
 Ion Ratio Lower Upper
 82 100
 128 10.1 36.1 54.1#
 54 39.4 41.4 62.2#



#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

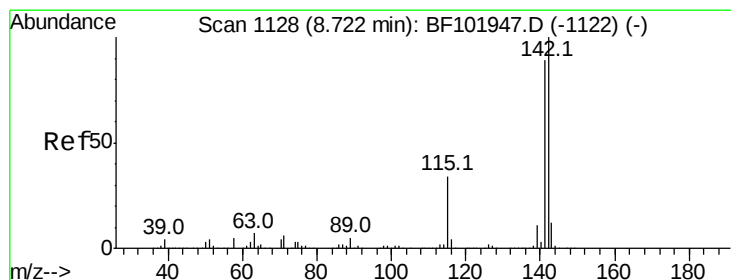
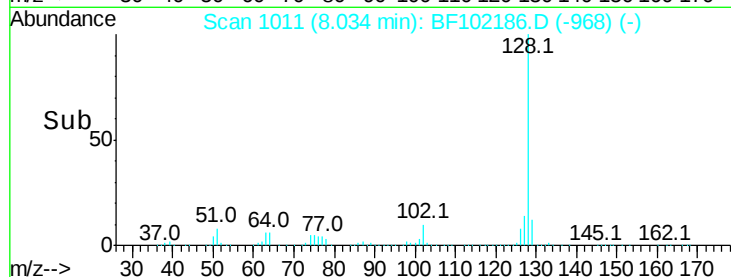
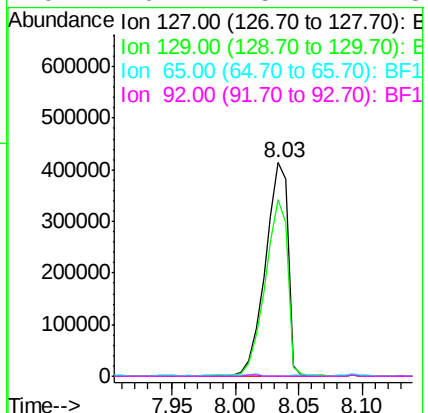
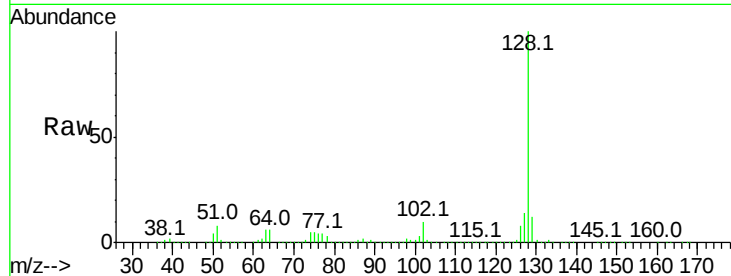




#33
4-Chloroaniline
Concen: 47.276 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.05 min
Lab File: BF102186.D
Acq: 18 Jan 2018 8:35

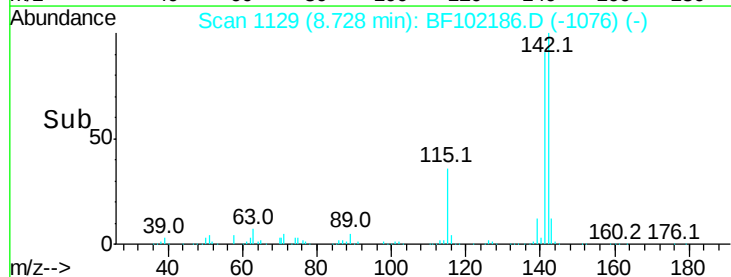
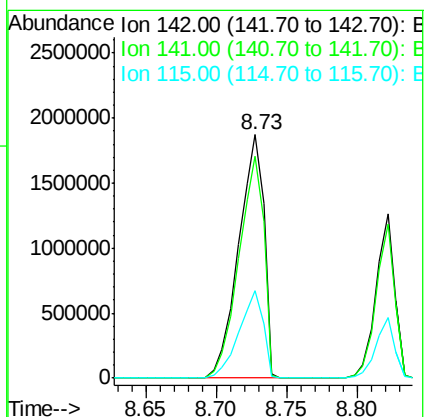
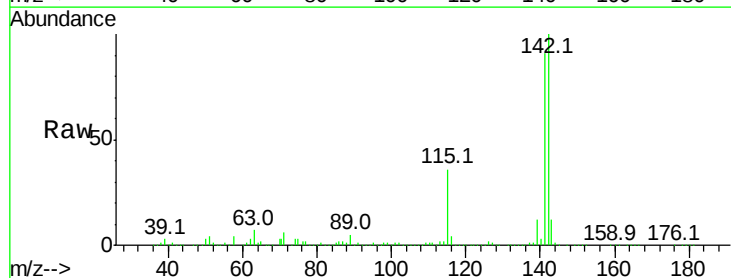
Instrument :
BNA_F
ClientSampleId :
OILY-DEBRIS

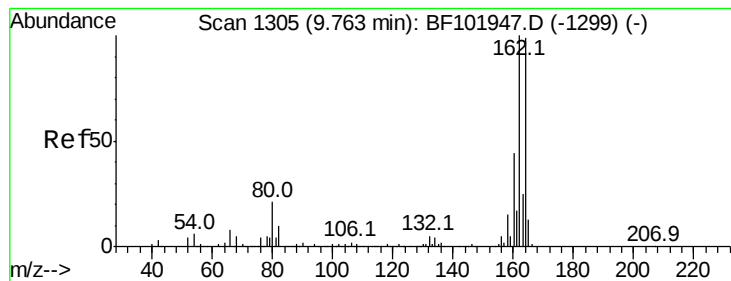
Tot Ion:127 Resp: 514210
Ion Ratio Lower Upper
127 100
129 82.6 25.9 38.9#
65 0.0 25.0 37.4#
92 0.1 15.2 22.8#



#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

Tgt 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

Instrument :

BNA_F

ClientSampleId :

OILY-DEBRIS

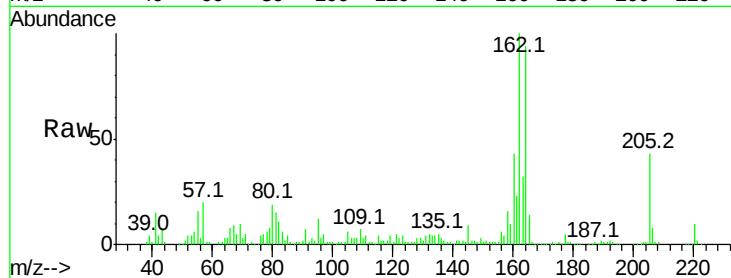
Tot Ion:164 Resp: 212628

Ion Ratio Lower Upper

164 100

162 105.9 86.1 129.1

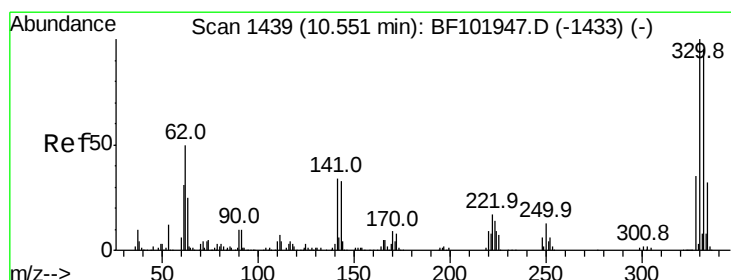
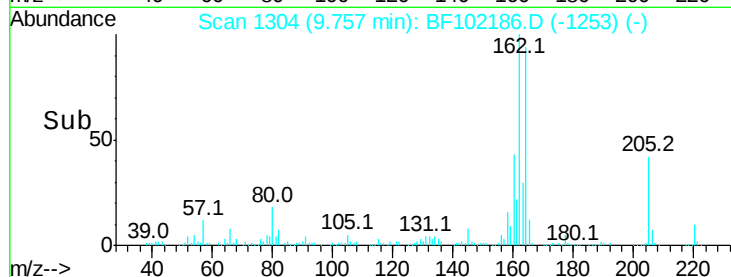
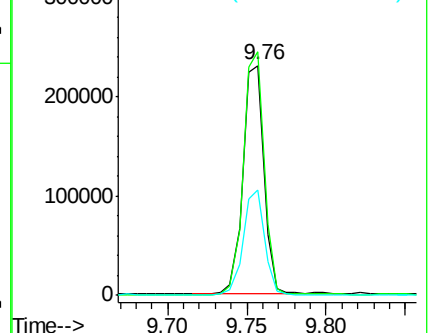
160 45.9 38.3 57.5



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: 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

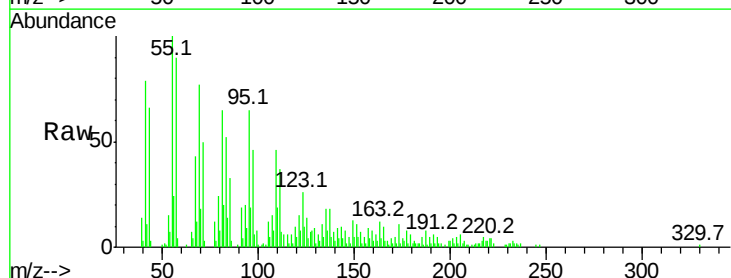
Tgt Ion:330 Resp: 126

Ion Ratio Lower Upper

330 100

332 0.0 77.0 115.6#

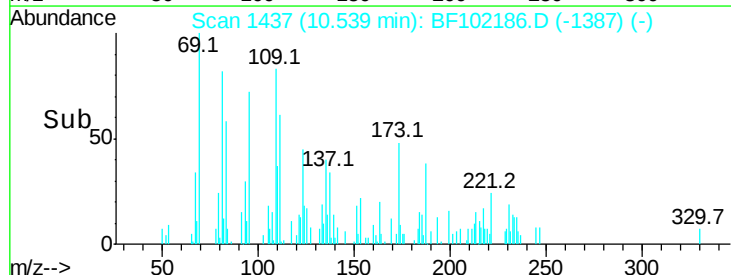
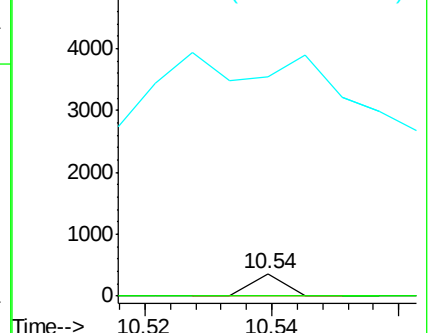
141 1617.5 29.9 44.9#

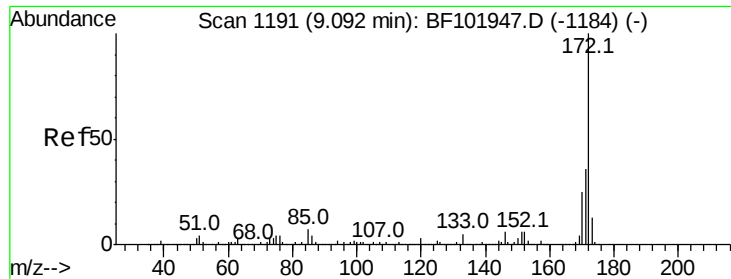


Abundance Ion 329.80 (329.50 to 330.50): E

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

Instrument :

BNA_F

ClientSampleId :

OILY-DEBRIS

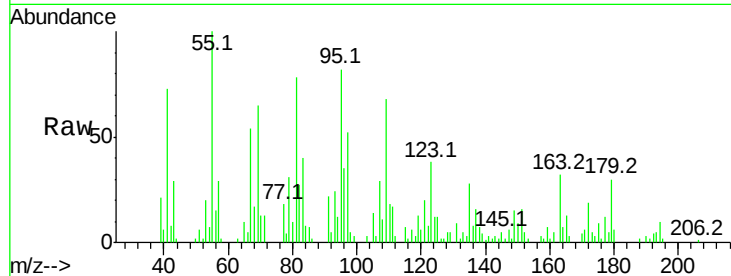
Tot Ion:172 Resp: 3481

Ion Ratio Lower Upper

172 100

171 30.3 29.7 44.5

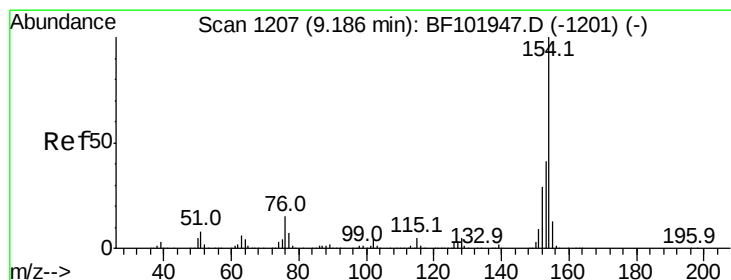
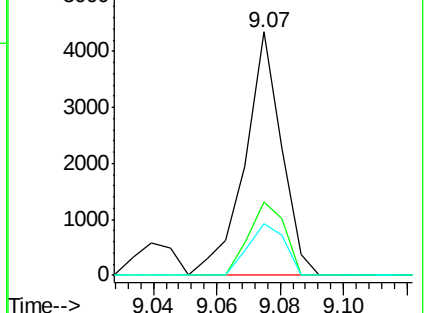
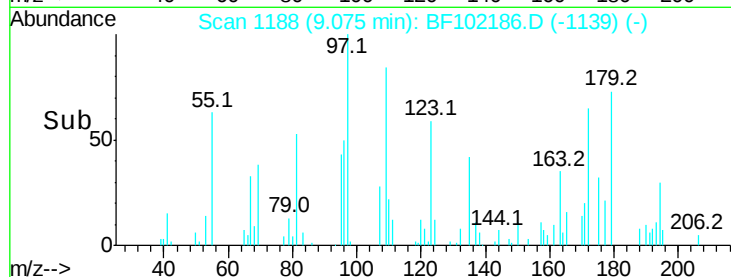
170 21.1 19.6 29.4



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

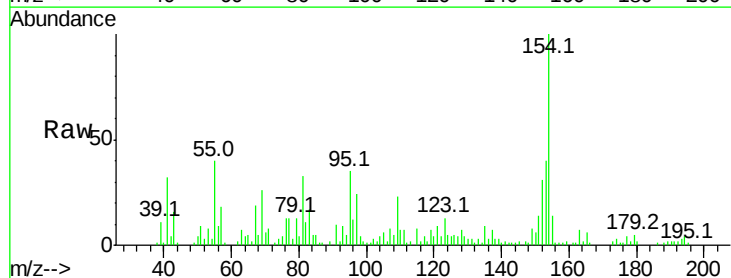
Tgt Ion:154 Resp: 51976

Ion Ratio Lower Upper

154 100

153 40.2 21.3 61.3

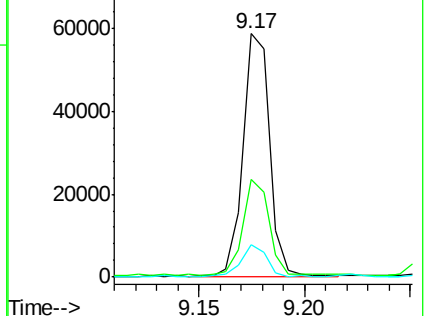
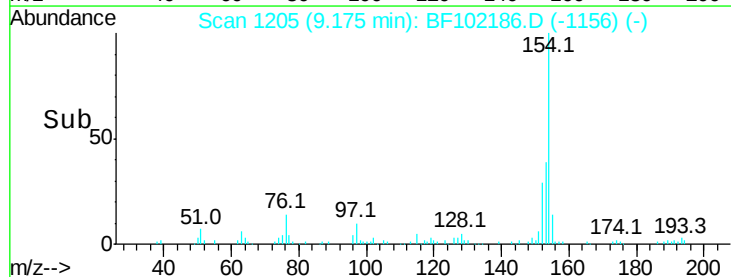
76 13.5 0.0 34.0

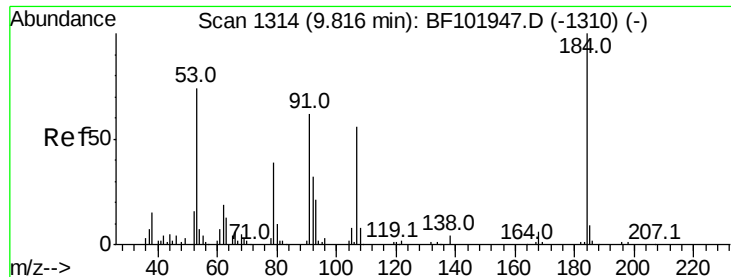


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

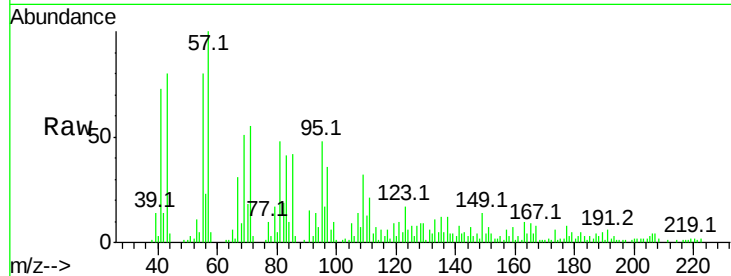




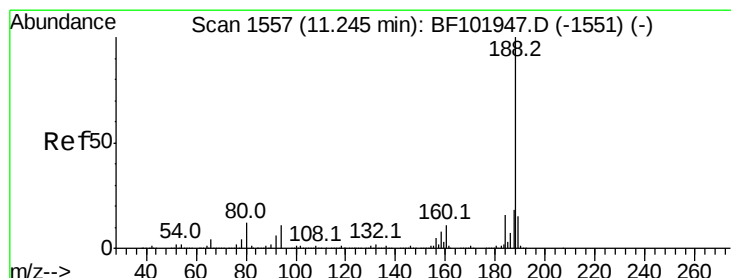
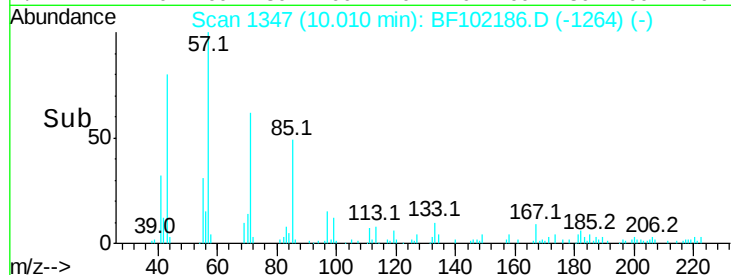
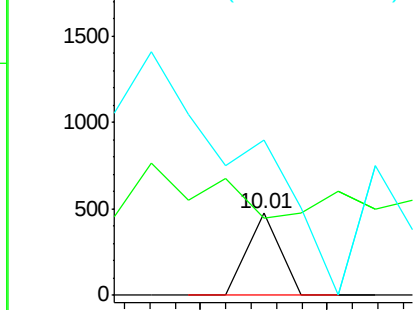
#53
2,4-Dinitrophenol
Concen: 8.772 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.19 min
Lab File: BF102186.D
Acq: 18 Jan 2018 8:35

Instrument :
BNA_F
ClientSampleId :
OILY-DEBRIS

Tot Ion:184 Resp: 167
Ion Ratio Lower Upper
184 100
63 93.7 54.2 81.2#
154 189.0 184.0 276.0

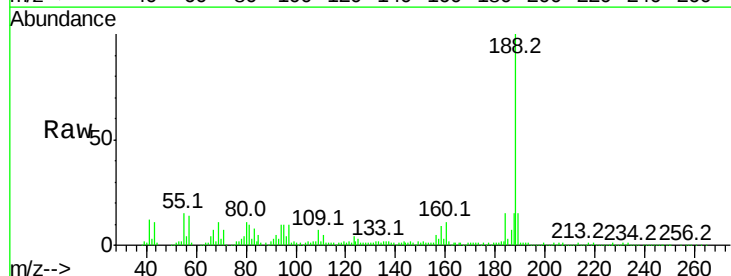


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

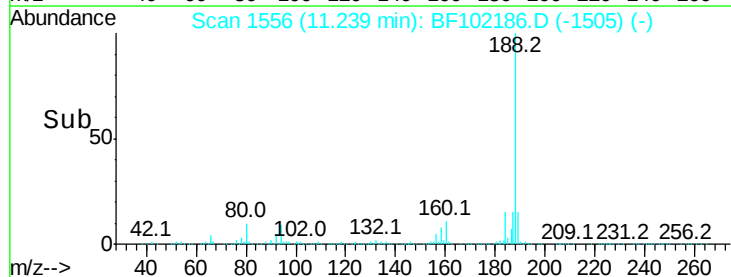
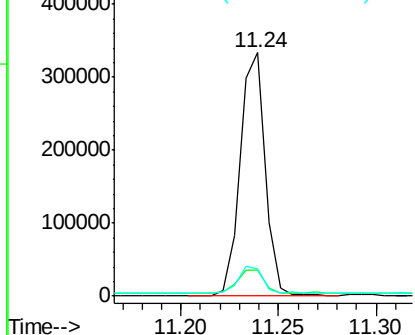


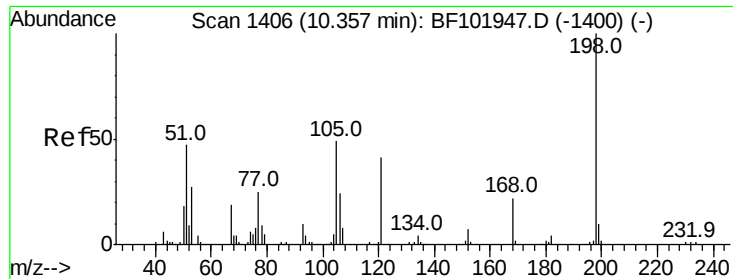
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.00 min
Lab File: BF102186.D
Acq: 18 Jan 2018 8:35

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





#64

4,6-Dinitro-2-methylphenol

Concen: 5.738 ng

RT: 10.37 min Scan# 1408

Delta R.T. 0.01 min

Lab File: BF102186.D

Acq: 18 Jan 2018 8:35

Instrument :

BNA_F

ClientSampleId :

OILY-DEBRIS

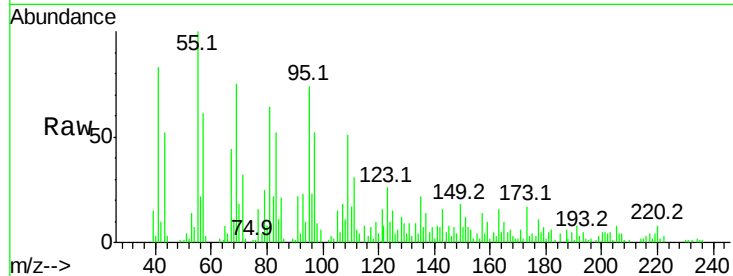
Tot Ion:198 Resp: 139

Ion Ratio Lower Upper

198 100

51 356.5 37.7 77.7#

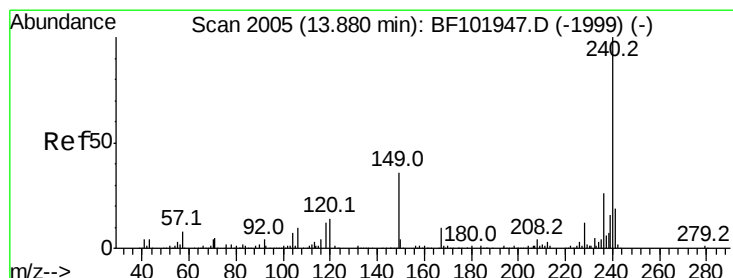
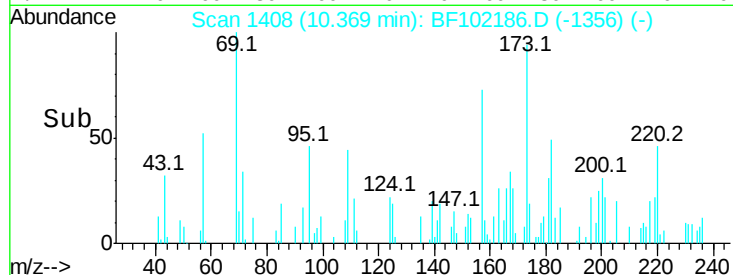
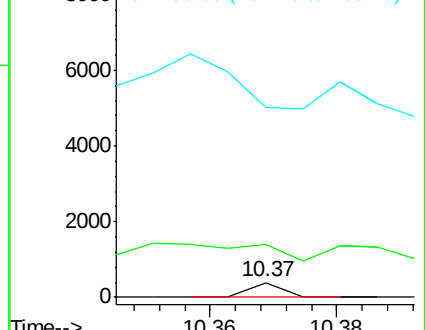
105 1274.6 36.3 76.3#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#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

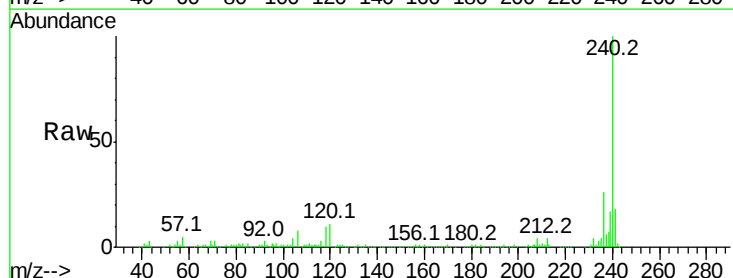
Tgt Ion:240 Resp: 214075

Ion Ratio Lower Upper

240 100

120 11.1 9.5 14.3

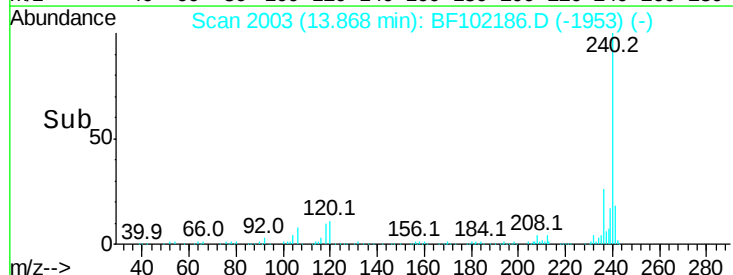
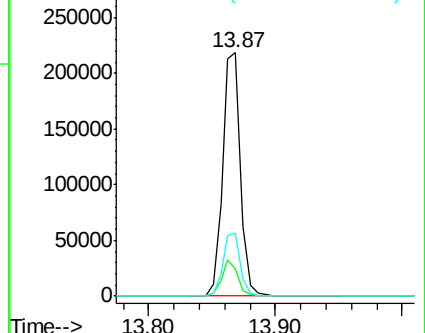
236 25.7 20.7 31.1

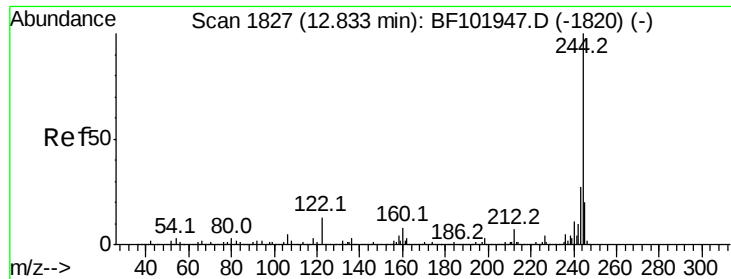


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

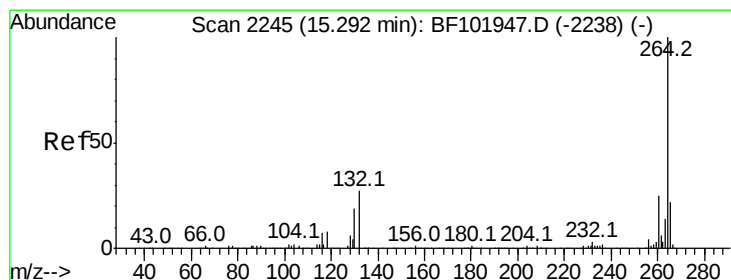
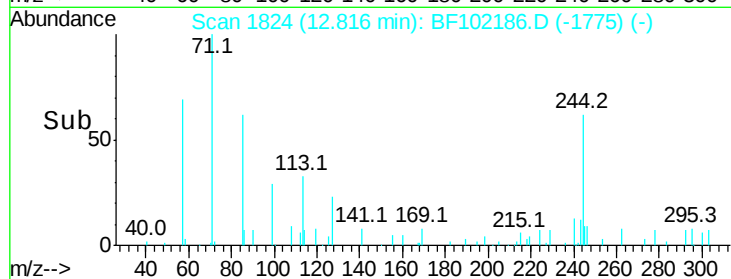
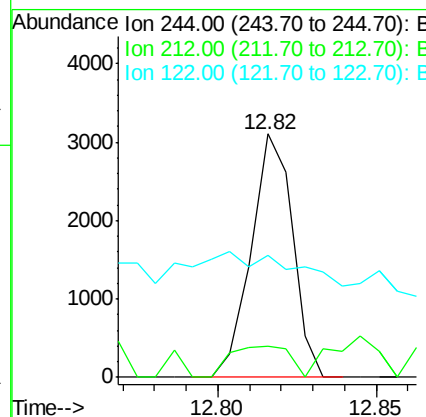
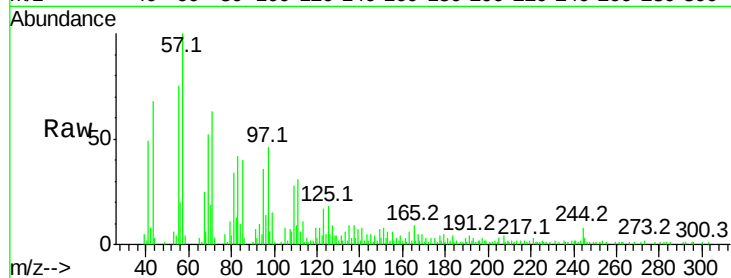




#78
 Terphenyl-d14
 Concen: 0.273 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: BF102186.D
 Acq: 18 Jan 2018 8:35

Instrument :
 BNA_F
 ClientSampleId :
 OILY-DEBRIS

Tot Ion:244 Resp: 2813
 Ion Ratio Lower Upper
 244 100
 212 12.8 5.4 8.0#
 122 50.1 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: BF102186.D
 Acq: 18 Jan 2018 8:35

Tgt Ion:264 Resp: 211467
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.2 28.8
 265 20.6 17.5 26.3

