

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071918\
 Data File : BF107516.D
 Acq On : 19 Jul 2018 19:45
 Operator : JU/SJ
 Sample : J4043-01 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SD-DEBRI-WIPE

Quant Time: Jul 20 00:59:47 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 18 11:55:34 2018
 Response via : Initial Calibration

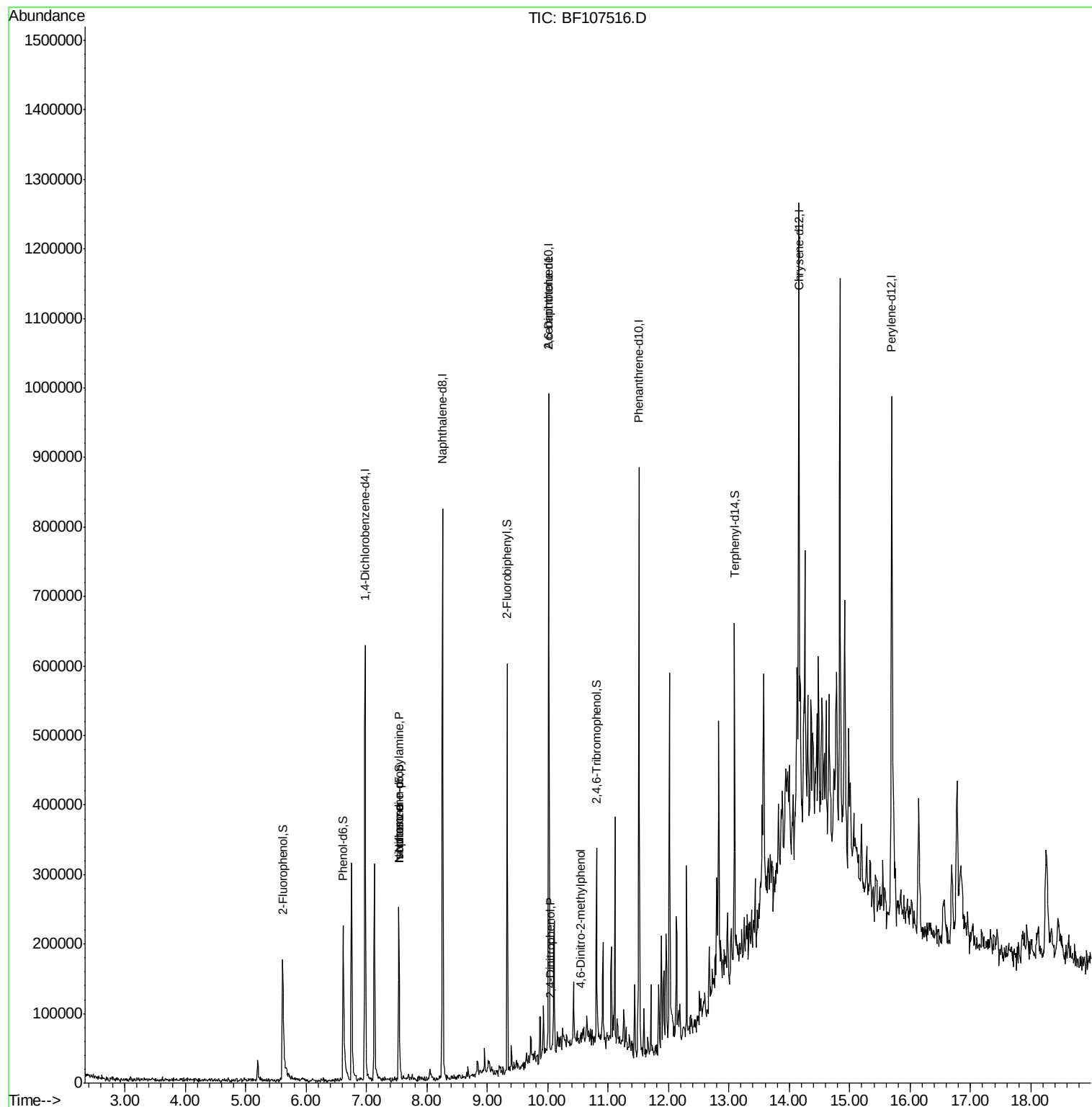
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	86744	20.00	ng	-0.01
21) Naphthalene-d8	8.26	136	289924	20.00	ng	-0.01
38) Acenaphthene-d10	10.02	164	142084	20.00	ng	-0.01
63) Phenanthrene-d10	11.51	188	272870	20.00	ng	-0.01
75) Chrysene-d12	14.16	240	250523	20.00	ng	-0.02
86) Perylene-d12	15.69	264	288038	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	69243	12.12	ng	0.00
7) Phenol-d6	6.61	99	96248	13.03	ng	0.00
23) Nitrobenzene-d5	7.54	82	72164	13.27	ng	-0.02
41) 2,4,6-Tribromophenol	10.81	330	21706	17.39	ng	-0.02
44) 2-Fluorobiphenyl	9.33	172	152937	8.15	ng	-0.02
78) Terphenyl-d14	13.10	244	154511	15.32	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.54	70	12887	2.437	ng	# 80
25) Isophorone	7.54	82	72163	6.696	ng	# 64
50) 2,6-Dinitrotoluene	10.02	165	19750	9.168	ng	# 28
53) 2,4-Dinitrophenol	10.05	184	143	2.524	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.54	198	115	7.556	ng	# 1

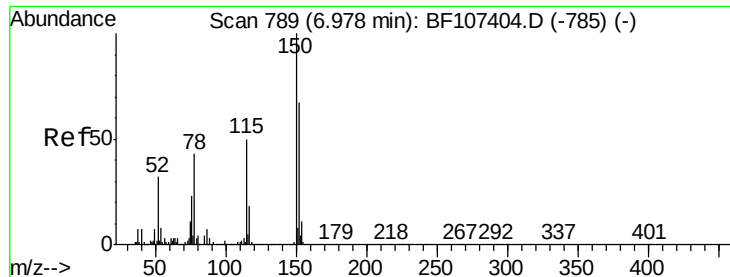
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071918\
Data File : BF107516.D
Acq On : 19 Jul 2018 19:45
Operator : JU/SJ
Sample : J4043-01 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SD-DEBRI-WIPE

Quant Time: Jul 20 00:59:47 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 18 11:55:34 2018
Response via : Initial Calibration



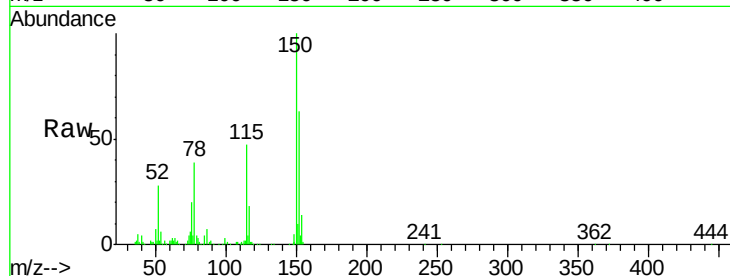


#1

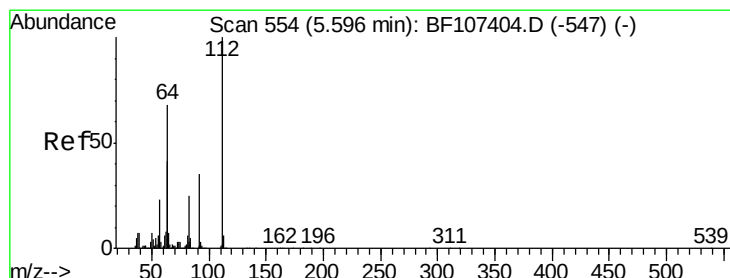
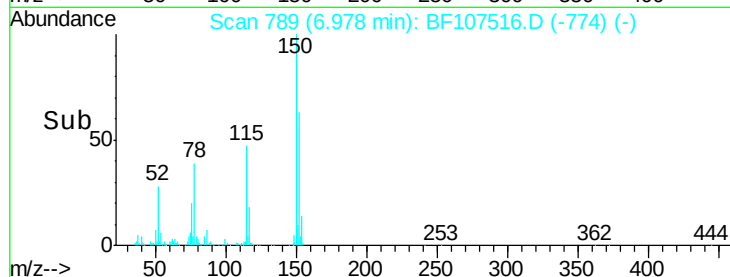
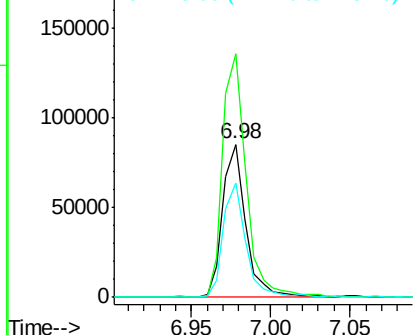
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF107516.D
Acq: 19 Jul 2018 19:45

Instrument :
BNA_F
ClientSampleId :
SD-DEBRI-WIPE

Tgt Ion:152 Resp: 86744
Ion Ratio Lower Upper
152 100
150 158.8 124.6 186.8
115 75.0 50.1 75.1



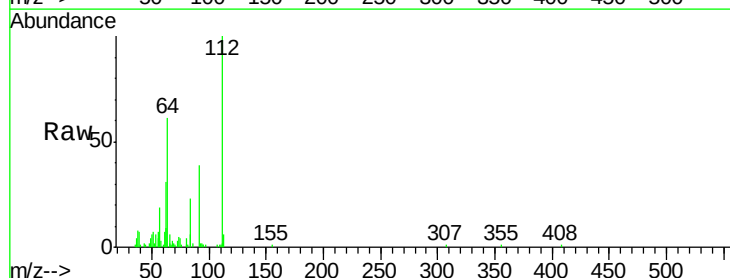
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



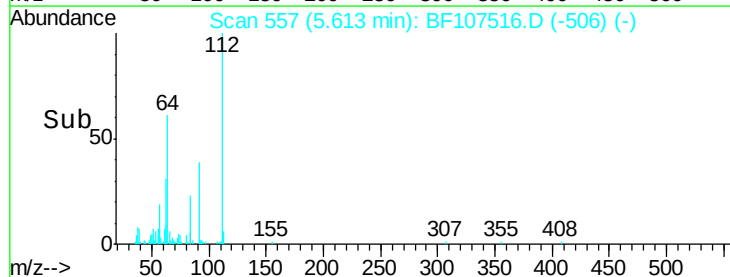
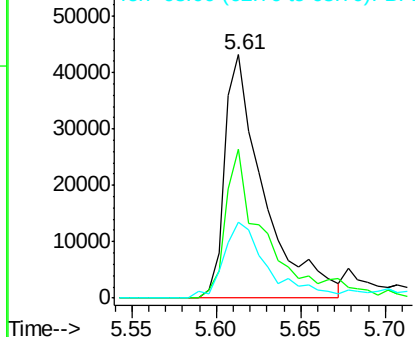
#5

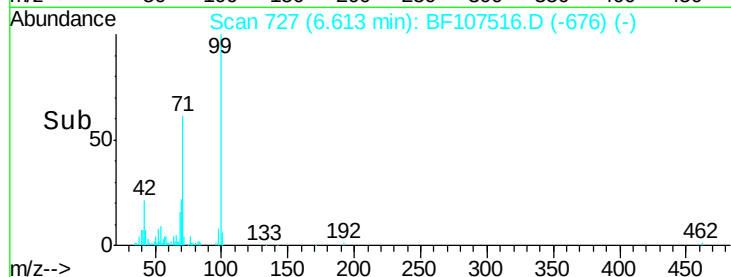
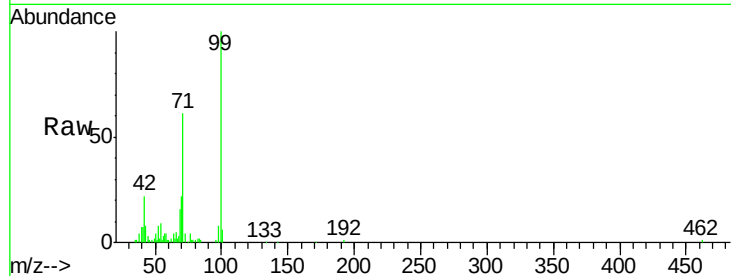
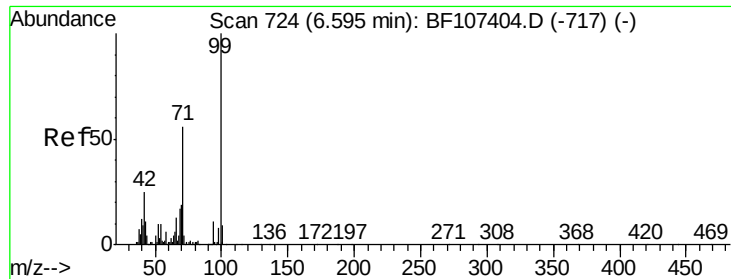
2-Fluorophenol
Concen: 12.123 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.00 min
Lab File: BF107516.D
Acq: 19 Jul 2018 19:45

Tgt Ion:112 Resp: 69243
Ion Ratio Lower Upper
112 100
64 61.0 47.9 71.9
63 31.4 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: 13.034 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF107516.D

Acq: 19 Jul 2018 19:45

Instrument :

BNA_F

ClientSampleId :

SD-DEBRI-WIPE

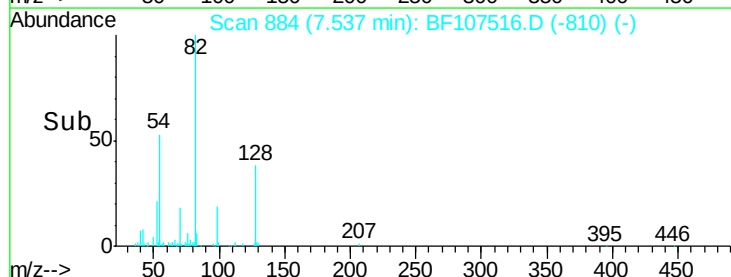
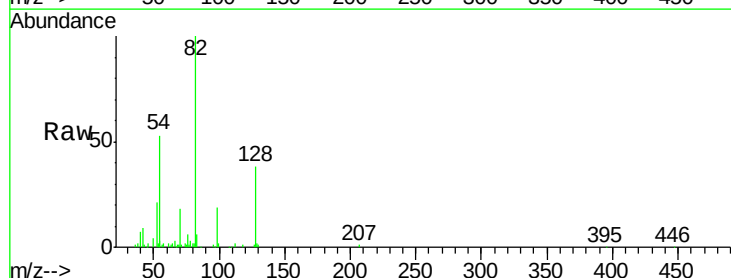
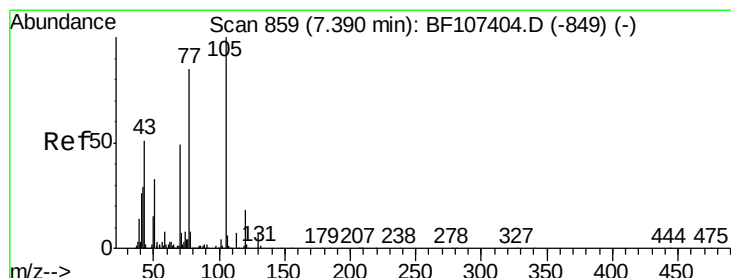
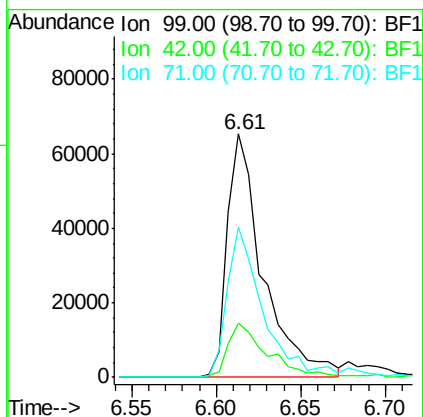
Tgt Ion: 99 Resp: 96248

Ion Ratio Lower Upper

99 100

42 22.3 14.5 21.7#

71 61.5 25.4 38.0#



#19

n-Nitroso-di-n-propylamine

Concen: 2.437 ng

RT: 7.54 min Scan# 884

Delta R.T. 0.14 min

Lab File: BF107516.D

Acq: 19 Jul 2018 19:45

Tgt Ion: 70 Resp: 12887

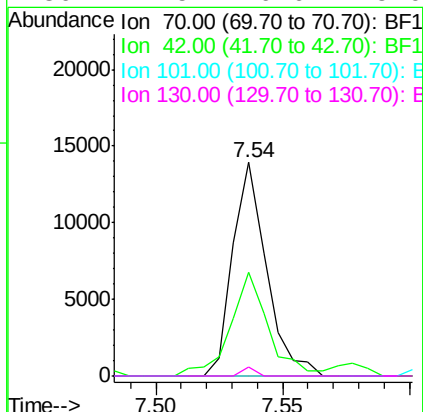
Ion Ratio Lower Upper

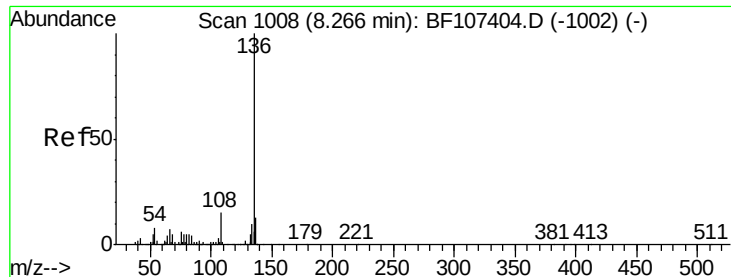
70 100

42 48.7 47.5 71.3

101 0.0 7.4 11.2#

130 4.5 16.6 25.0#

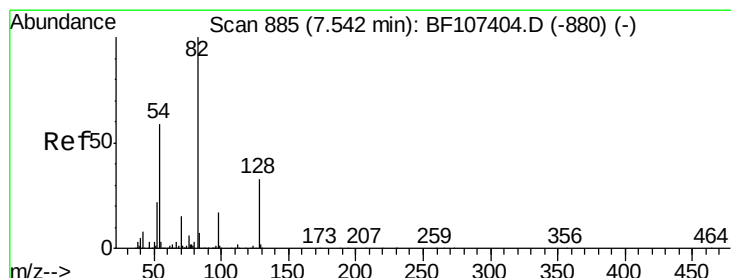
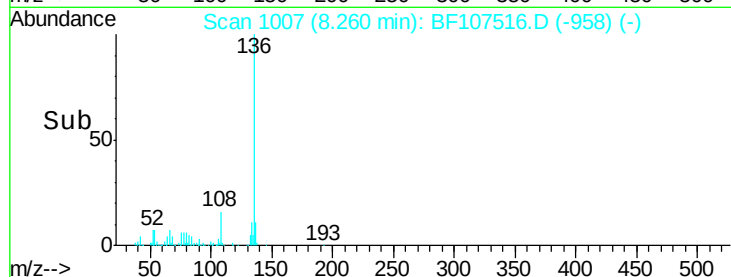
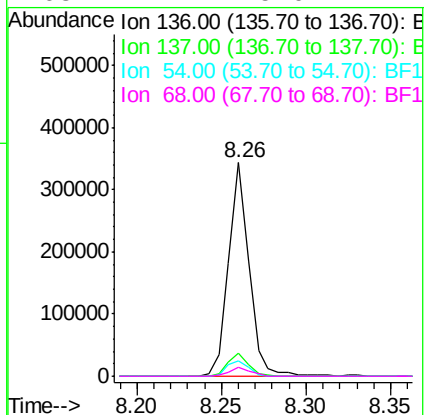
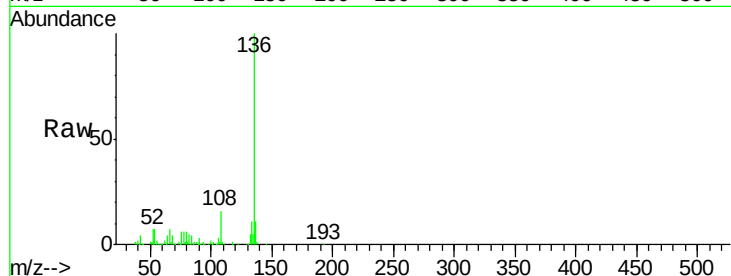




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF107516.D
Acq: 19 Jul 2018 19:45

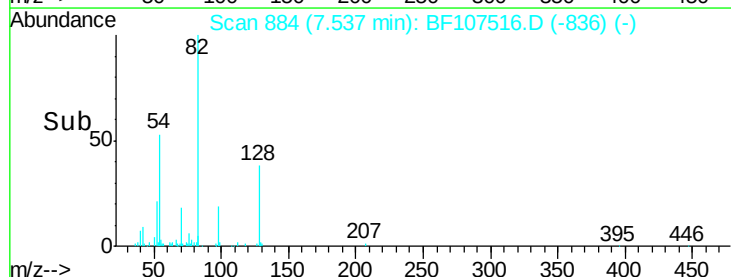
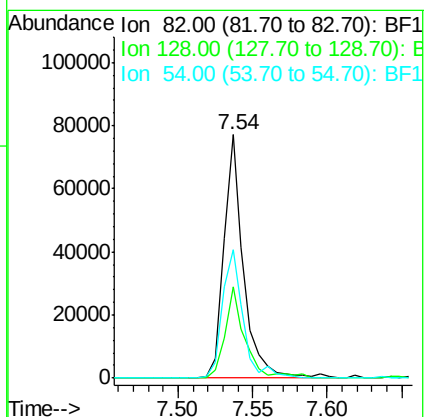
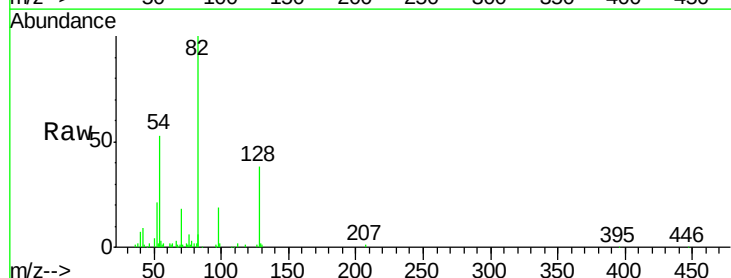
Instrument :
BNA_F
ClientSampleId :
SD-DEBRI-WIPE

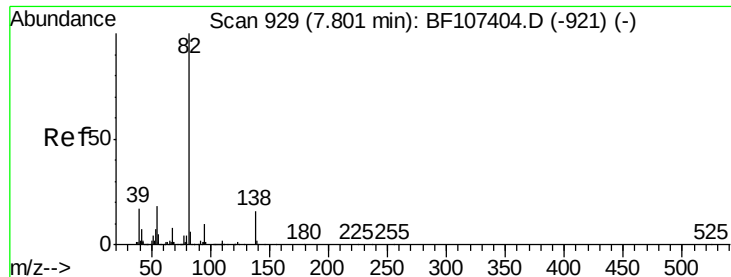
Tgt Ion:	136	Resp:	289924
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.1	6.6	9.8
68	4.2	5.0	7.4#



#23
Nitrobenzene-d5
Concen: 13.273 ng
RT: 7.54 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF107516.D
Acq: 19 Jul 2018 19:45

Tgt Ion:	82	Resp:	72164
Ion	Ratio	Lower	Upper
82	100		
128	37.7	36.1	54.1
54	52.8	41.4	62.2





#25

Isophorone

Concen: 6.696 ng

RT: 7.54 min Scan# 884

Delta R.T. -0.27 min

Lab File: BF107516.D

Acq: 19 Jul 2018 19:45

Instrument :

BNA_F

ClientSampleId :

SD-DEBRI-WIPE

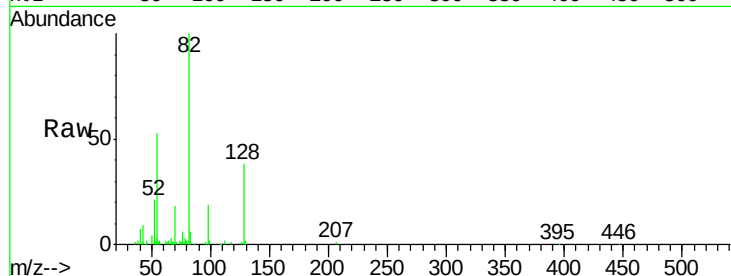
Tgt Ion: 82 Resp: 72163

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

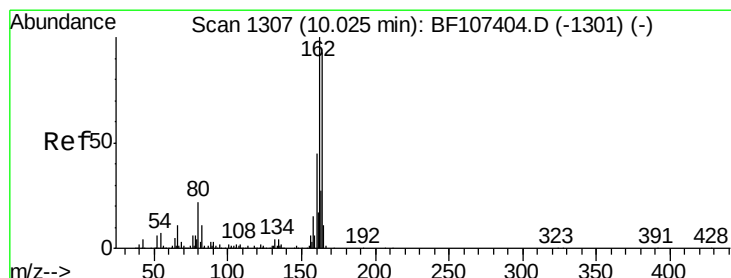
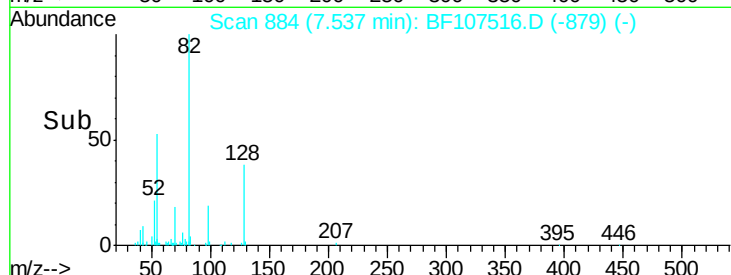
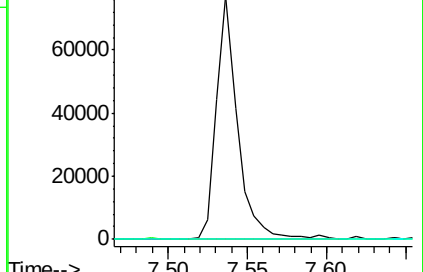
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.02 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF107516.D

Acq: 19 Jul 2018 19:45

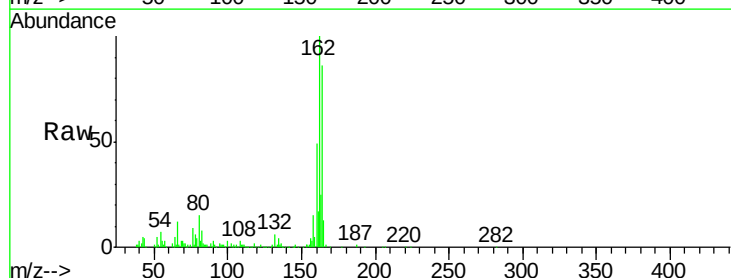
Tgt Ion: 164 Resp: 142084

Ion Ratio Lower Upper

164 100

162 116.3 86.1 129.1

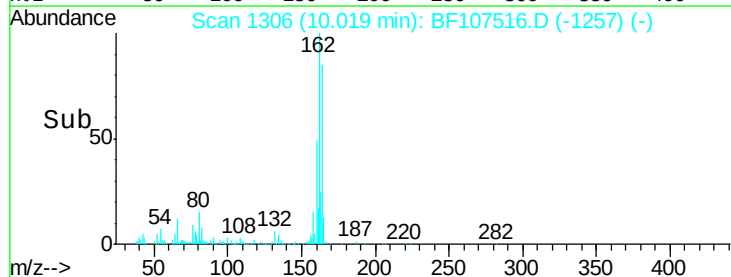
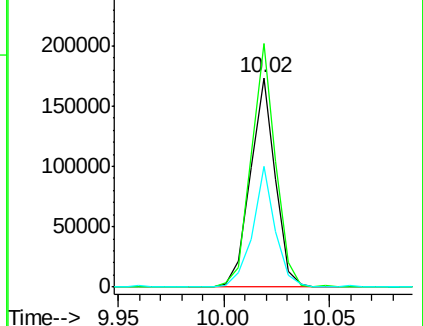
160 57.4 38.3 57.5

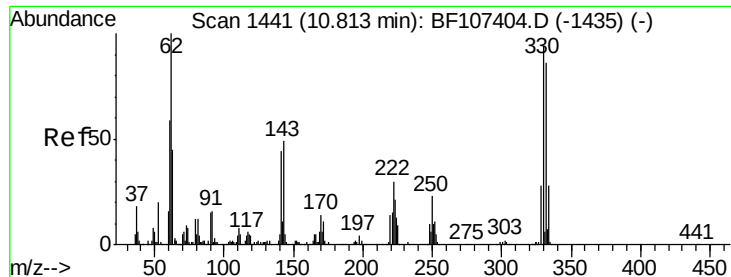


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 17.387 ng

RT: 10.81 min Scan# 1441

Delta R.T. -0.02 min

Lab File: BF107516.D

Acq: 19 Jul 2018 19:45

Instrument :

BNA_F

ClientSampleId :

SD-DEBRI-WIPE

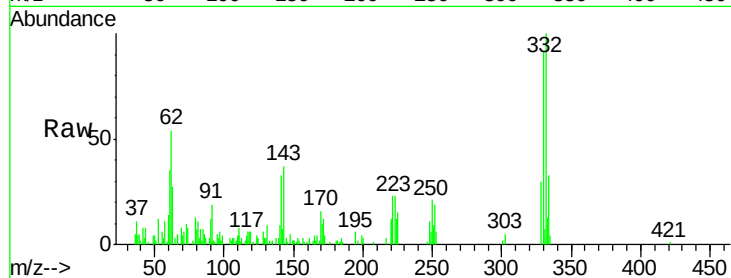
Tgt Ion:330 Resp: 21706

Ion Ratio Lower Upper

330 100

332 102.6 77.0 115.6

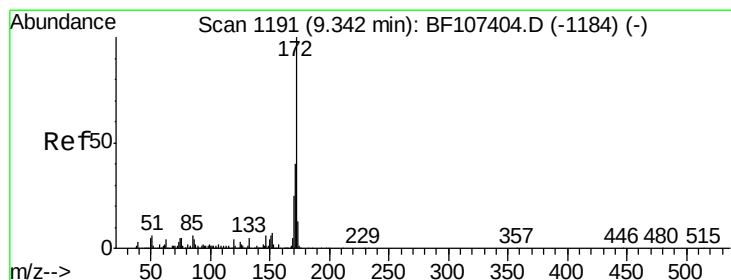
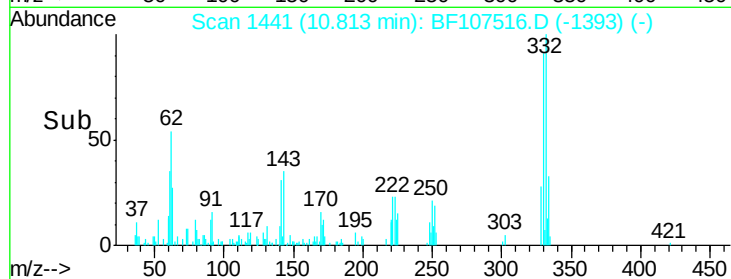
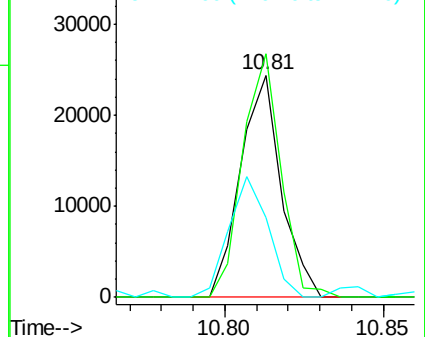
141 52.3 29.9 44.9#



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: 8.146 ng

RT: 9.33 min Scan# 1189

Delta R.T. -0.02 min

Lab File: BF107516.D

Acq: 19 Jul 2018 19:45

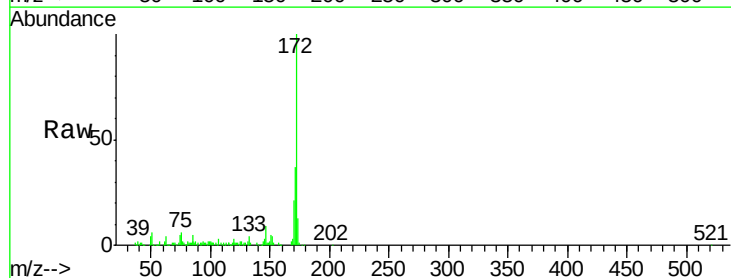
Tgt Ion:172 Resp: 152937

Ion Ratio Lower Upper

172 100

171 37.2 29.7 44.5

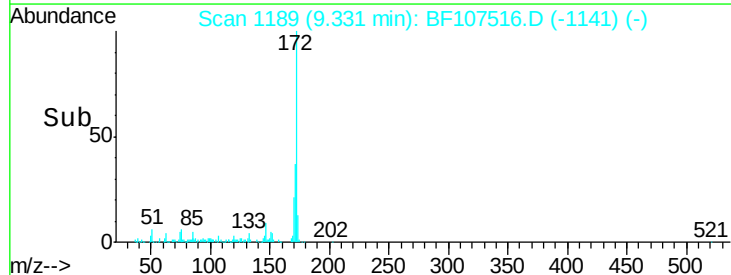
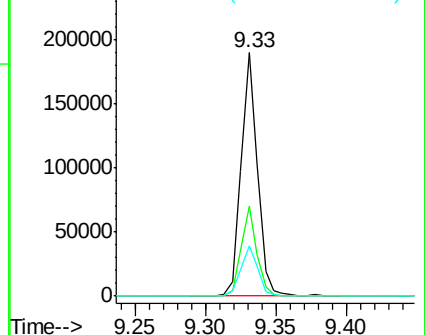
170 20.8 19.6 29.4

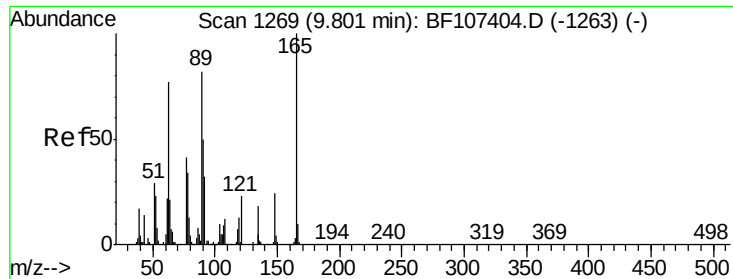


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

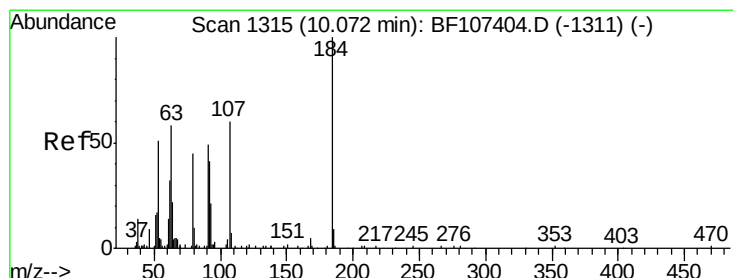
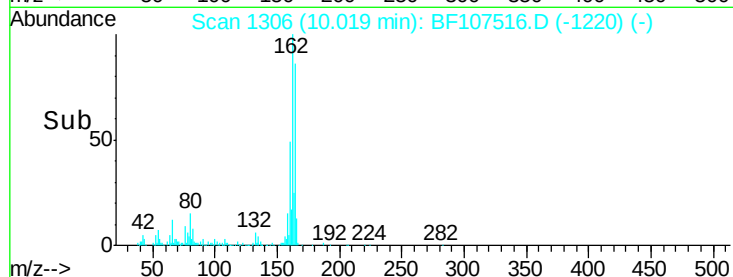
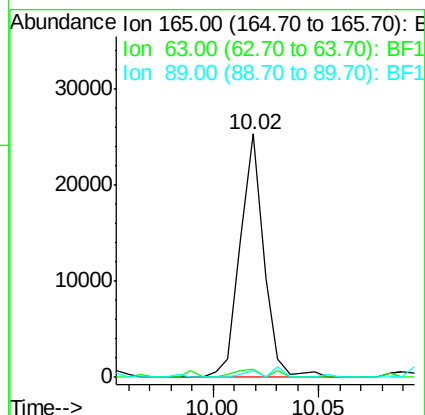
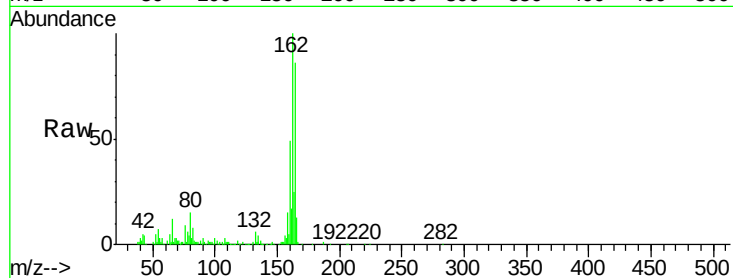




#50
2,6-Dinitrotoluene
Concen: 9.168 ng
RT: 10.02 min Scan# 1306
Delta R.T. 0.21 min
Lab File: BF107516.D
Acq: 19 Jul 2018 19:45

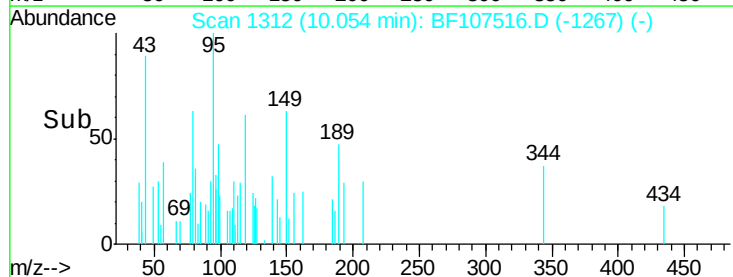
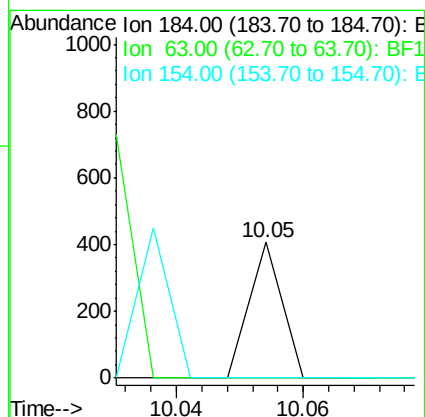
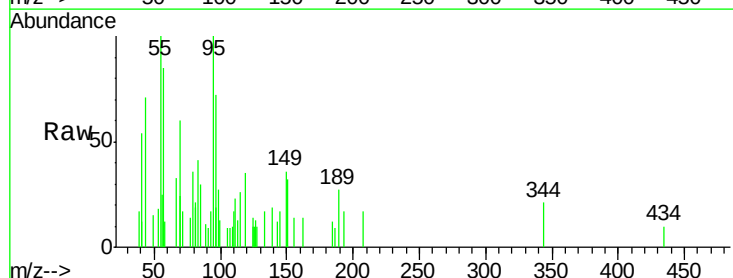
Instrument :
BNA_F
ClientSampleId :
SD-DEBRI-WIPE

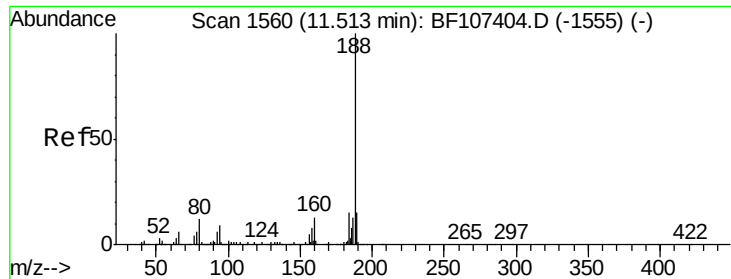
Tgt Ion:165 Resp: 19750
Ion Ratio Lower Upper
165 100
63 3.5 44.7 67.1#
89 2.8 44.0 66.0#



#53
2,4-Dinitrophenol
Concen: 2.524 ng
RT: 10.05 min Scan# 1312
Delta R.T. -0.04 min
Lab File: BF107516.D
Acq: 19 Jul 2018 19:45

Tgt Ion:184 Resp: 143
Ion Ratio Lower Upper
184 100
63 0.0 54.2 81.2#
154 0.0 184.0 276.0#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.51 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BF107516.D

Acq: 19 Jul 2018 19:45

Instrument :

BNA_F

ClientSampleId :

SD-DEBRI-WIPE

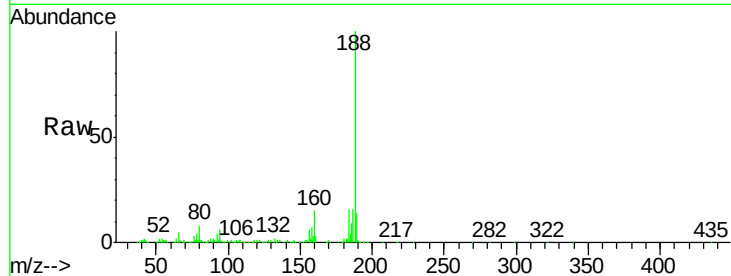
Tgt Ion:188 Resp: 272870

Ion Ratio Lower Upper

188 100

94 6.3 8.5 12.7#

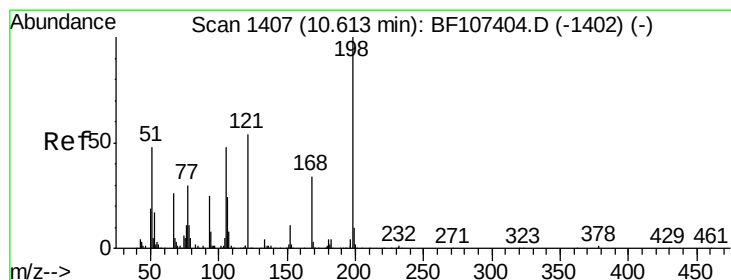
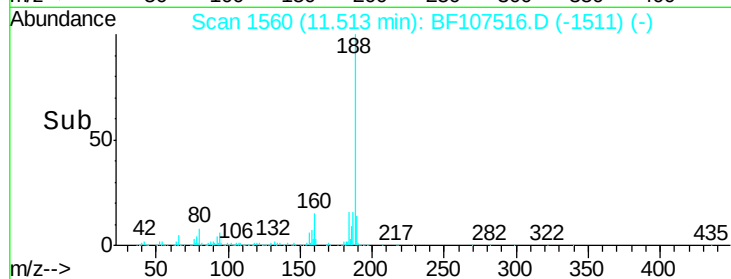
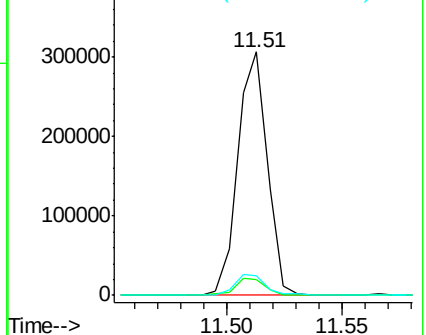
80 7.8 9.2 13.8#



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: 7.556 ng

RT: 10.54 min Scan# 1395

Delta R.T. -0.09 min

Lab File: BF107516.D

Acq: 19 Jul 2018 19:45

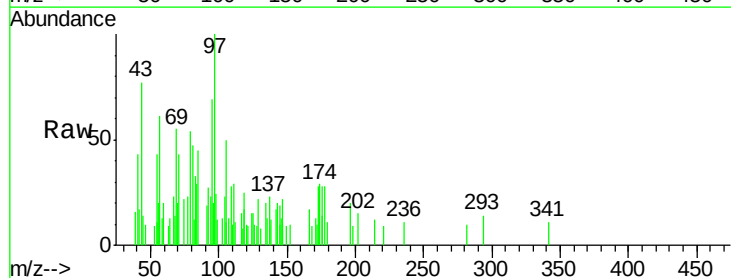
Tgt Ion:198 Resp: 115

Ion Ratio Lower Upper

198 100

51 0.0 37.7 77.7#

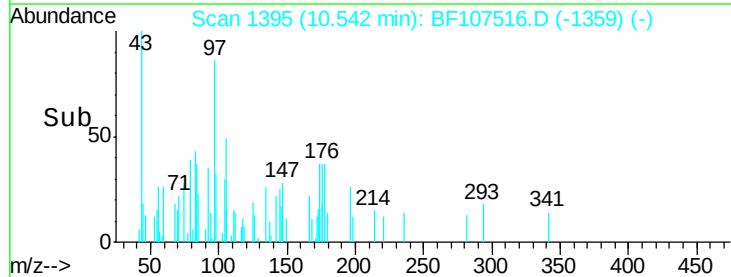
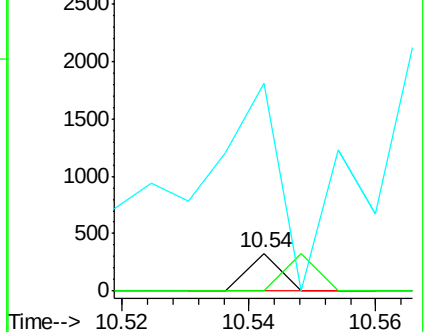
105 678.3 36.3 76.3#

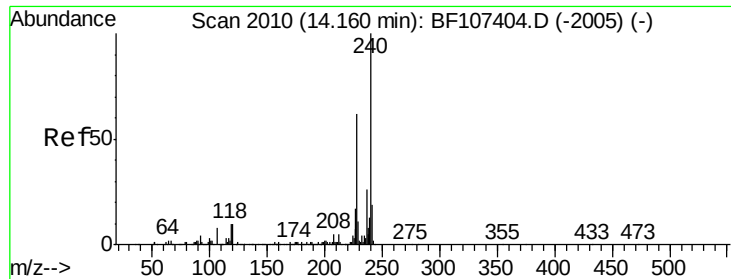


Abundance Ion 198.00 (197.70 to 198.70): E

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: 14.16 min Scan# 2010

Delta R.T. -0.02 min

Lab File: BF107516.D

Acq: 19 Jul 2018 19:45

Instrument :

BNA_F

ClientSampleId :

SD-DEBRI-WIPE

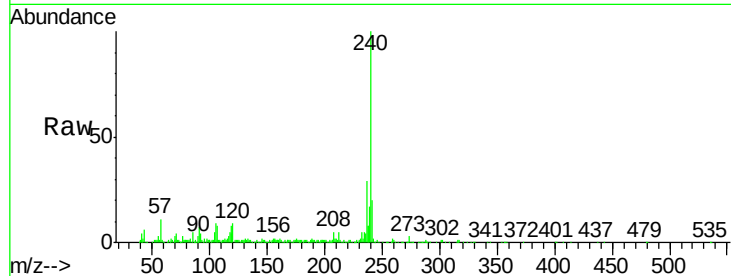
Tgt Ion:240 Resp: 250523

Ion Ratio Lower Upper

240 100

120 9.0 9.5 14.3#

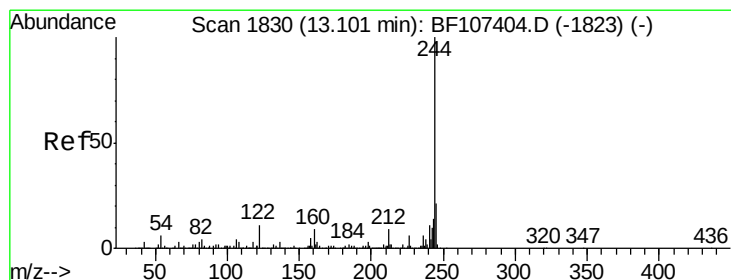
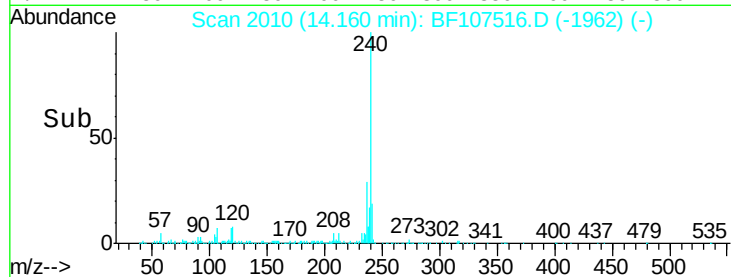
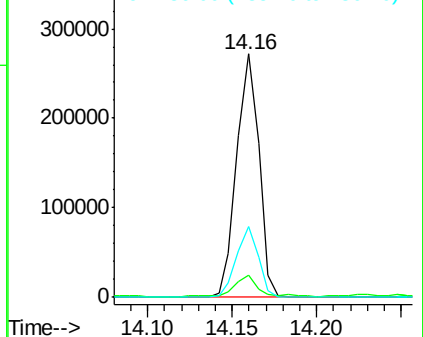
236 29.3 20.7 31.1



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: 15.324 ng

RT: 13.10 min Scan# 1829

Delta R.T. -0.02 min

Lab File: BF107516.D

Acq: 19 Jul 2018 19:45

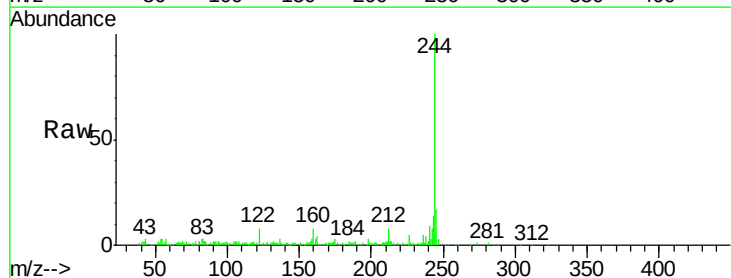
Tgt Ion:244 Resp: 154511

Ion Ratio Lower Upper

244 100

212 8.3 5.4 8.0#

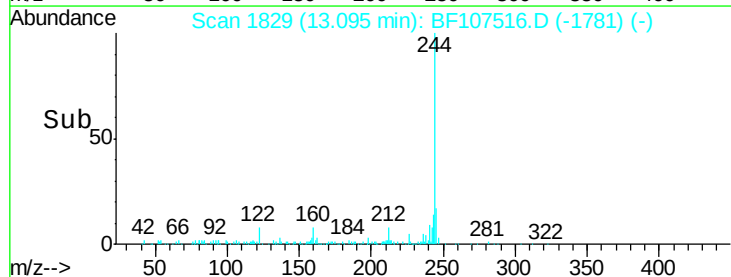
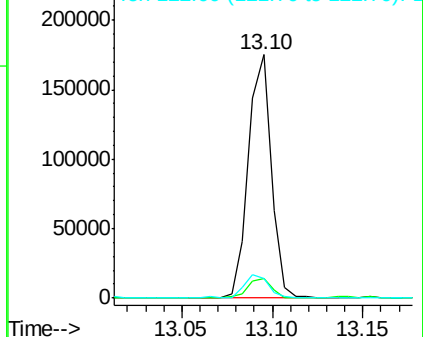
122 7.8 11.0 16.4#

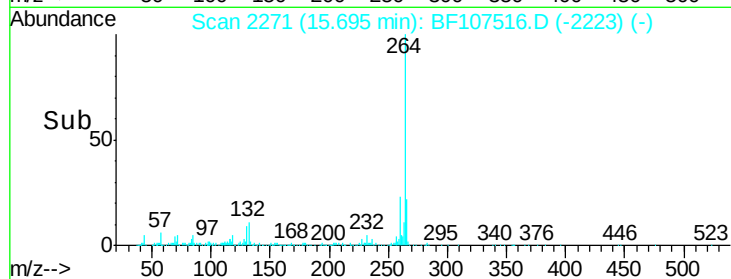
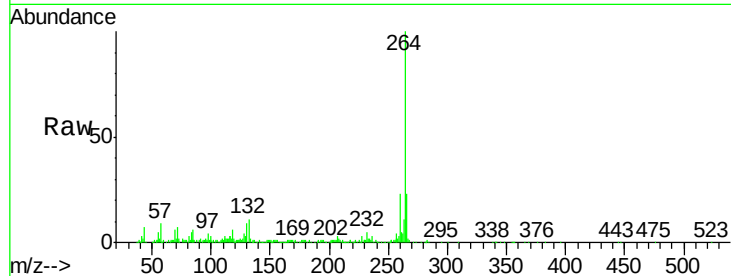
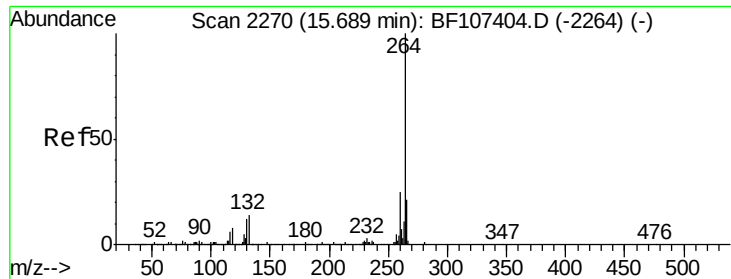


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.69 min Scan# 2271

Delta R.T. -0.02 min

Lab File: BF107516.D

Acq: 19 Jul 2018 19:45

Instrument :

BNA_F

ClientSampleId :

SD-DEBRI-WIPE

Tgt Ion:264 Resp: 288038

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 22.6 17.5 26.3

