

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071918\
 Data File : BF107515.D
 Acq On : 19 Jul 2018 19:18
 Operator : JU/SJ
 Sample : J4054-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 161-NEW-WALL

Quant Time: Jul 20 00:59:33 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	96711	20.00	ng	-0.01
21) Naphthalene-d8	8.26	136	307289	20.00	ng	-0.01
38) Acenaphthene-d10	10.02	164	150057	20.00	ng	-0.01
63) Phenanthrene-d10	11.51	188	263171	20.00	ng	-0.01
75) Chrysene-d12	14.17	240	273600	20.00	ng	-0.01
86) Perylene-d12	15.70	264	295419	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.62	112	577016	90.61	ng	0.00
7) Phenol-d6	6.62	99	713208	86.63	ng	0.01
23) Nitrobenzene-d5	7.54	82	522730	90.71	ng	-0.01
41) 2,4,6-Tribromophenol	10.82	330	140854	106.83	ng	-0.01
44) 2-Fluorobiphenyl	9.34	172	839627	94.51	ng	-0.01
78) Terphenyl-d14	13.10	244	787666	71.53	ng	-0.01

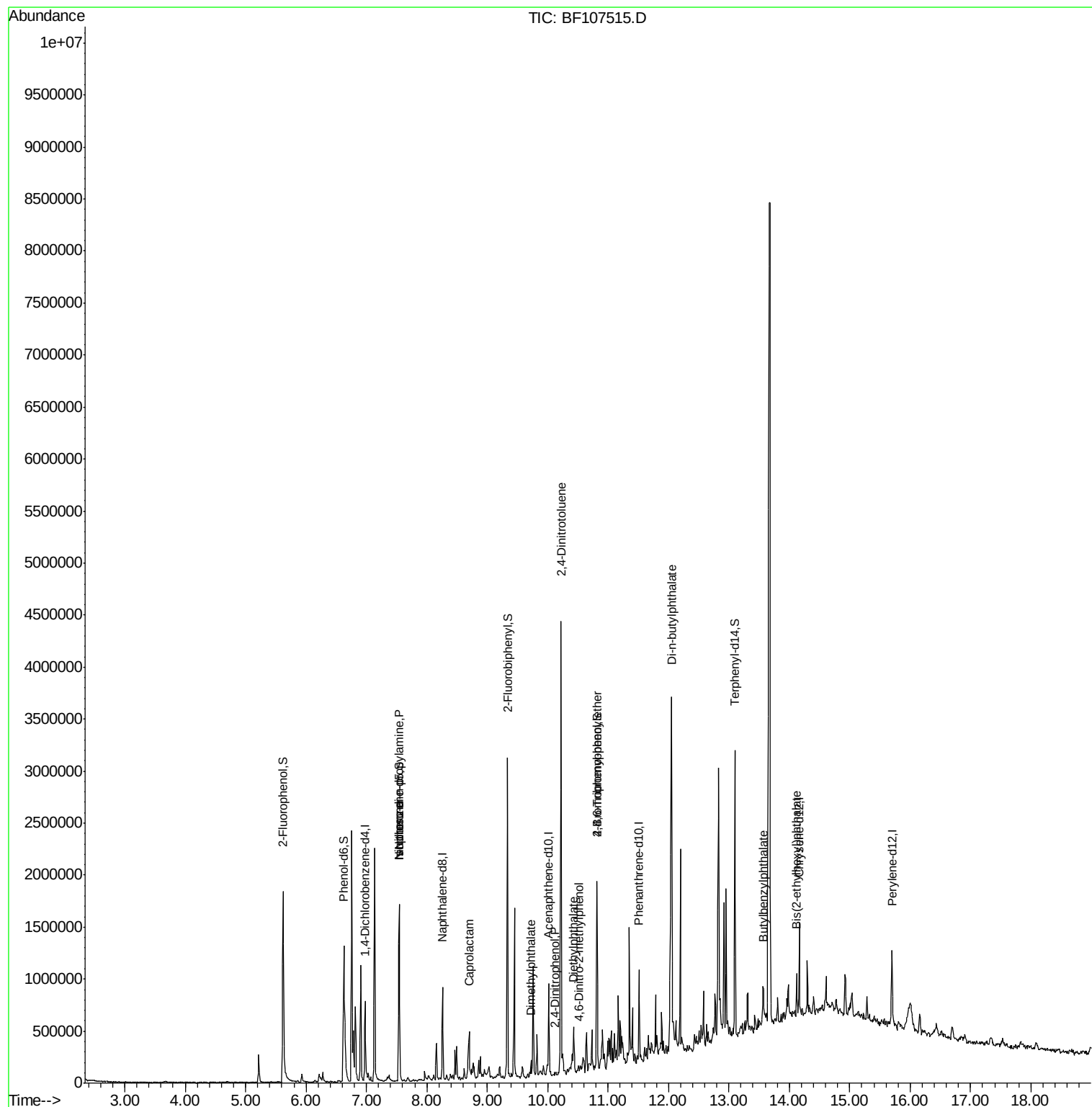
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.54	70	88071	14.941	ng	# 82
25) Isophorone	7.54	82	522724	45.764	ng	# 64
35) Caprolactam	8.70	113	74598	48.005	ng	# 81
49) Dimethylphthalate	9.72	163	37800	3.170	ng	# 90
53) 2,4-Dinitrophenol	10.12	184	126	2.478	ng	# 1
56) 2,4-Dinitrotoluene	10.22	165	128588	43.362	ng	# 30
59) Diethylphthalate	10.43	149	23176	2.001	ng	# 85
64) 4,6-Dinitro-2-methylphenol	10.51	198	3819	9.775	ng	# 83
66) 4-Bromophenyl-phenylether	10.81	248	19606	6.512	ng	# 1
73) Di-n-butylphthalate	12.06	149	80631	5.673	ng	# 96
79) Butylbenzylphthalate	13.57	149	52743	7.783	ng	# 95
83) Bis(2-ethylhexyl)phthalate	14.12	149	112514	11.586	ng	# 92

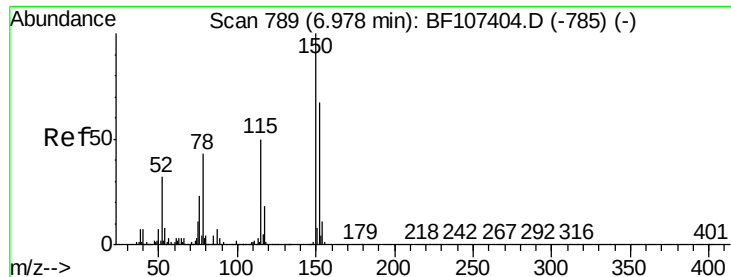
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071918\
Data File : BF107515.D
Acq On : 19 Jul 2018 19:18
Operator : JU/SJ
Sample : J4054-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
161-NEW-WALL

Quant Time: Jul 20 00:59:33 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: BF107515.D

Acq: 19 Jul 2018 19:18

Instrument :

BNA_F

ClientSampleId :

161-NEW-WALL

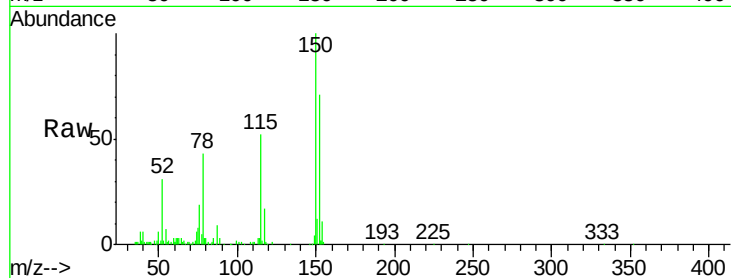
Tgt Ion:152 Resp: 96711

Ion Ratio Lower Upper

152 100

150 141.8 124.6 186.8

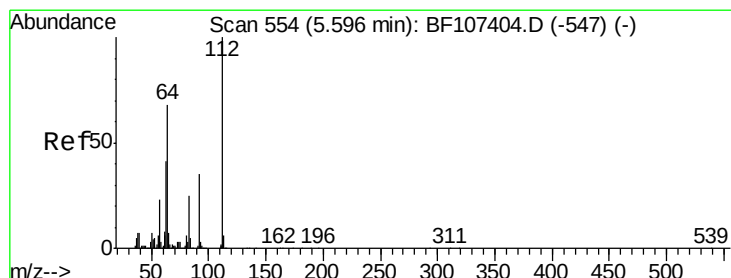
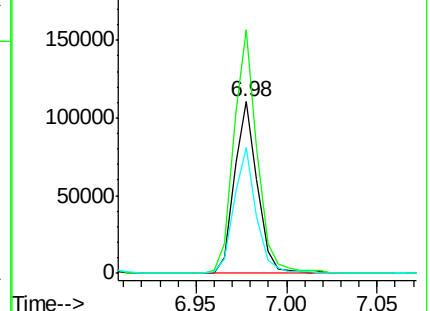
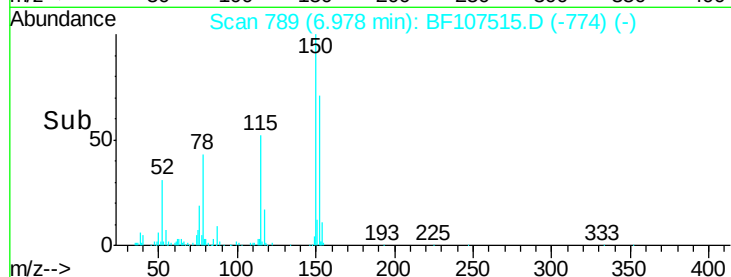
115 73.1 50.1 75.1



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: 90.614 ng

RT: 5.62 min Scan# 558

Delta R.T. 0.01 min

Lab File: BF107515.D

Acq: 19 Jul 2018 19:18

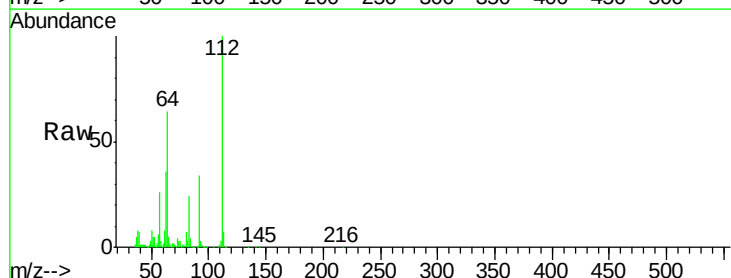
Tgt Ion:112 Resp: 577016

Ion Ratio Lower Upper

112 100

64 64.3 47.9 71.9

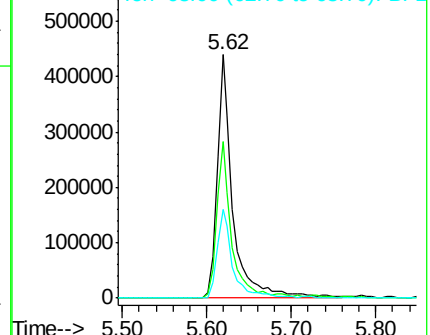
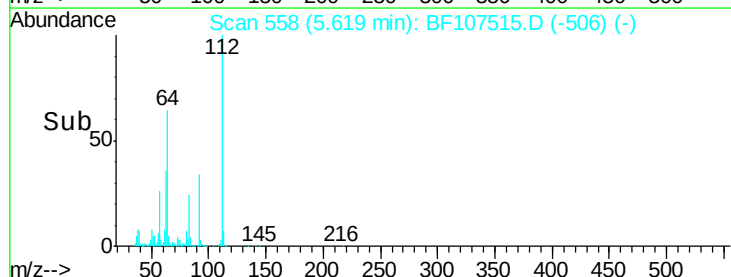
63 36.3 23.7 35.5#

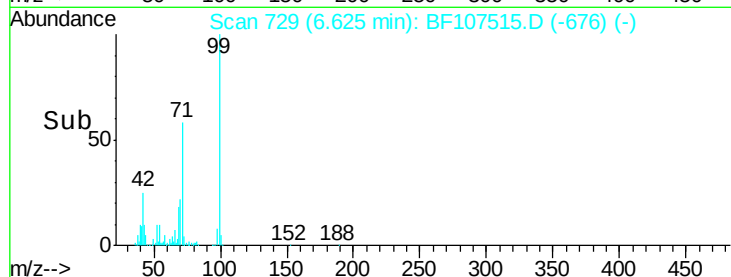
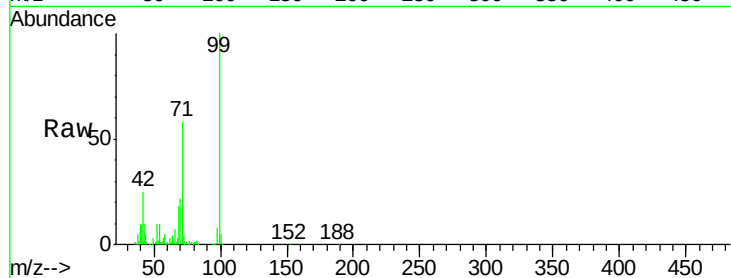
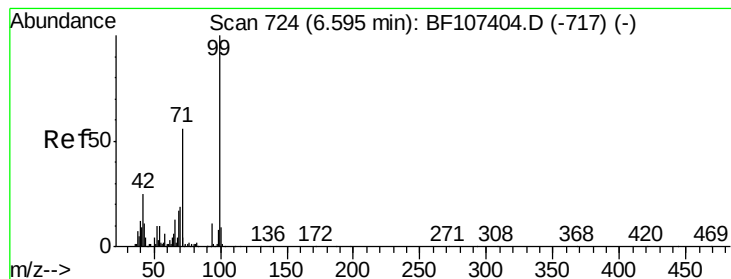


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 86.629 ng

RT: 6.62 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF107515.D

Acq: 19 Jul 2018 19:18

Instrument :

BNA_F

ClientSampleId :

161-NEW-WALL

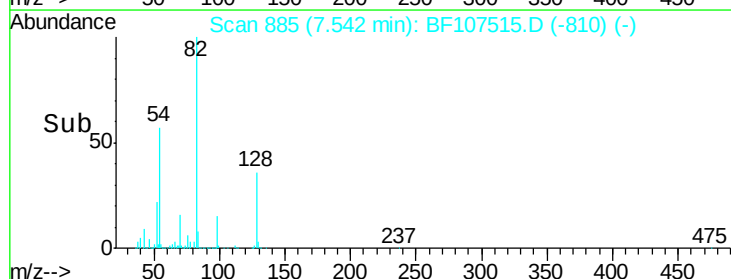
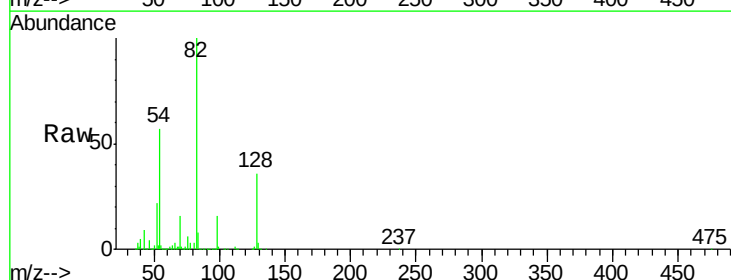
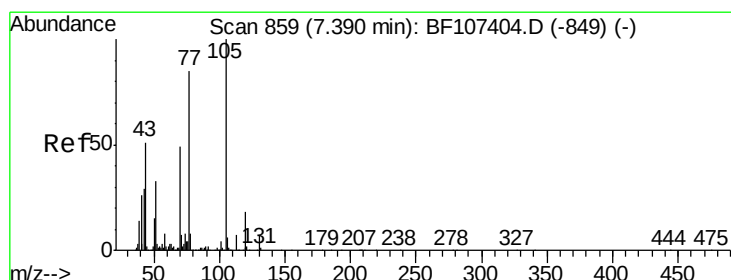
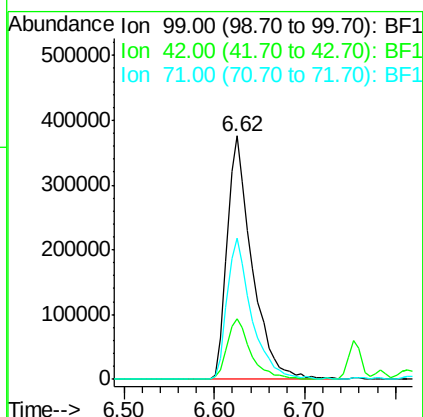
Tgt Ion: 99 Resp: 713208

Ion Ratio Lower Upper

99 100

42 24.9 14.5 21.7#

71 58.2 25.4 38.0#



#19

n-Nitroso-di-n-propylamine

Concen: 14.941 ng

RT: 7.54 min Scan# 885

Delta R.T. 0.14 min

Lab File: BF107515.D

Acq: 19 Jul 2018 19:18

Tgt Ion: 70 Resp: 88071

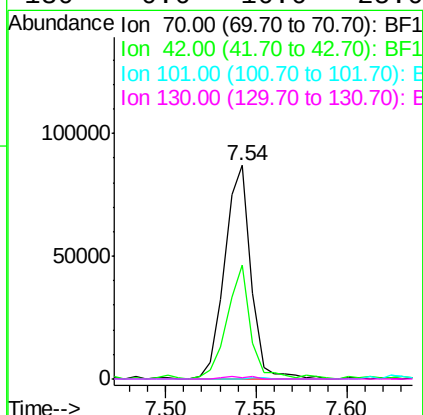
Ion Ratio Lower Upper

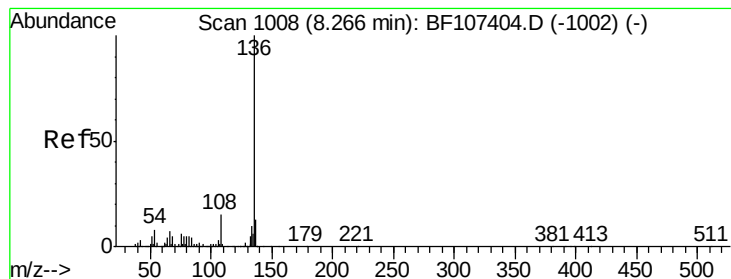
70 100

42 53.5 47.5 71.3

101 0.0 7.4 11.2#

130 0.6 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: BF107515.D

Acq: 19 Jul 2018 19:18

Instrument :

BNA_F

ClientSampleId :

161-NEW-WALL

Tgt Ion: 136 Resp: 307289

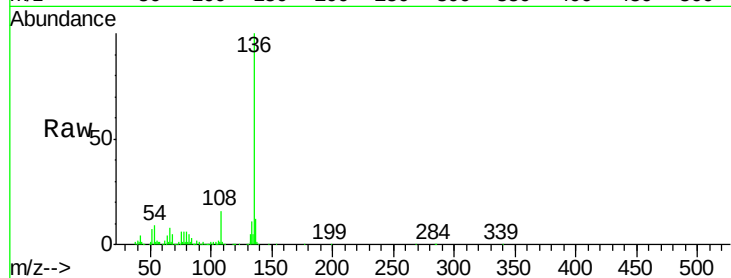
Ion Ratio Lower Upper

136 100

137 11.8 8.9 13.3

54 9.1 6.6 9.8

68 5.1 5.0 7.4

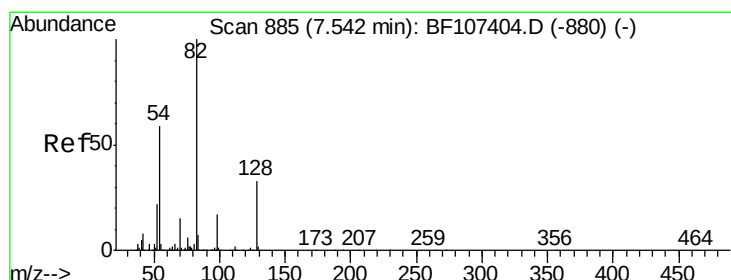
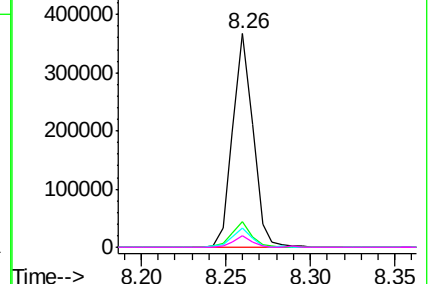
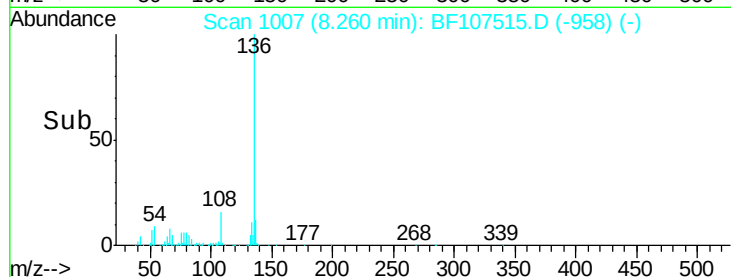


Abundance Ion 136.00 (135.70 to 136.70): E

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: 90.710 ng

RT: 7.54 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF107515.D

Acq: 19 Jul 2018 19:18

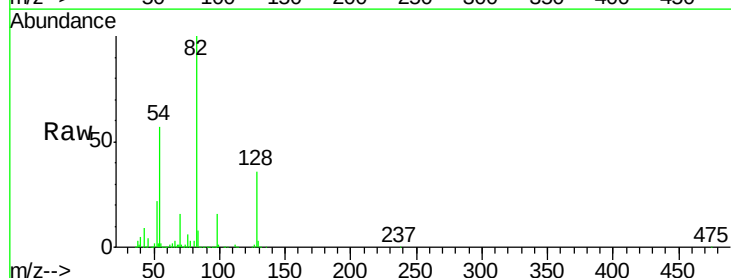
Tgt Ion: 82 Resp: 522730

Ion Ratio Lower Upper

82 100

128 36.5 36.1 54.1

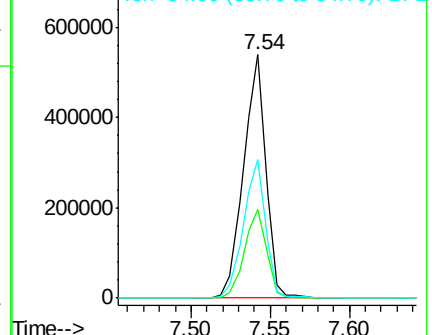
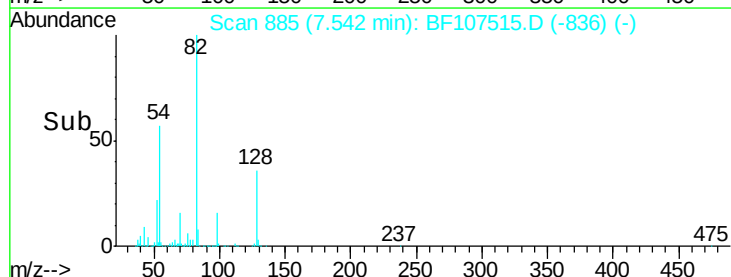
54 56.8 41.4 62.2

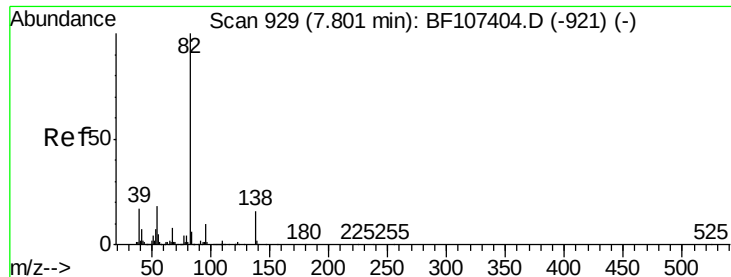


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 45.764 ng

RT: 7.54 min Scan# 885

Delta R.T. -0.26 min

Lab File: BF107515.D

Acq: 19 Jul 2018 19:18

Instrument :

BNA_F

ClientSampleId :

161-NEW-WALL

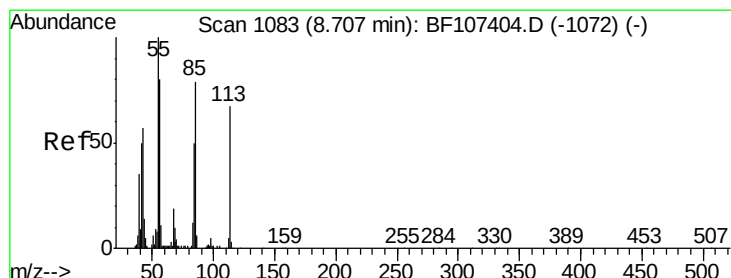
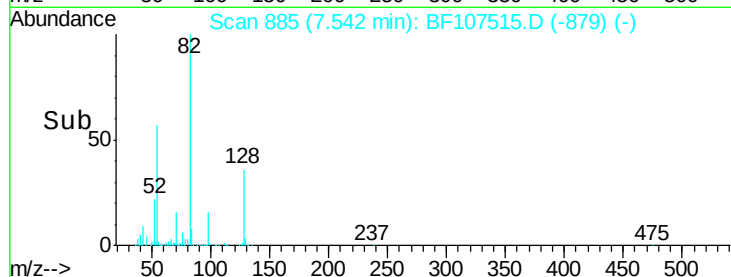
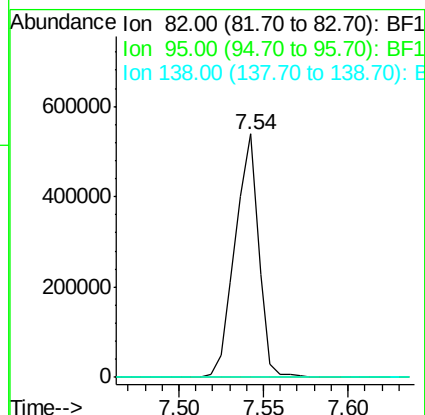
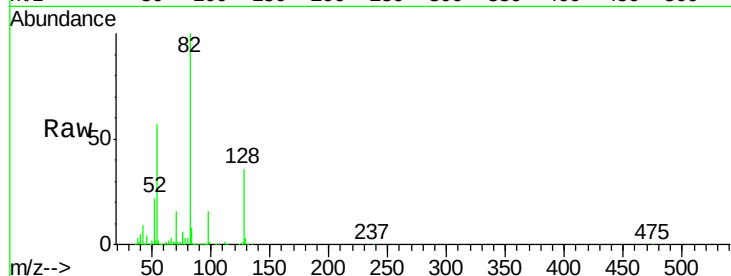
Tgt Ion: 82 Resp: 522724

Ion Ratio Lower Upper

82 100

95 0.1 5.2 7.8#

138 0.0 14.9 22.3#



#35

Caprolactam

Concen: 48.005 ng

RT: 8.70 min Scan# 1082

Delta R.T. -0.02 min

Lab File: BF107515.D

Acq: 19 Jul 2018 19:18

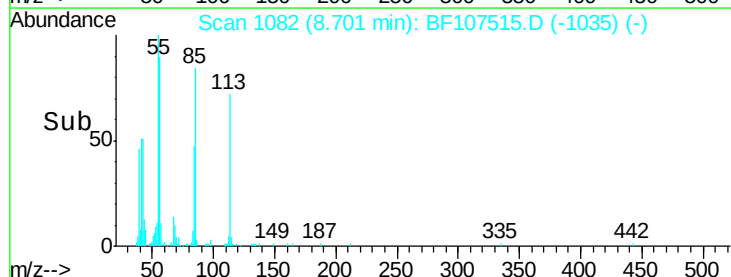
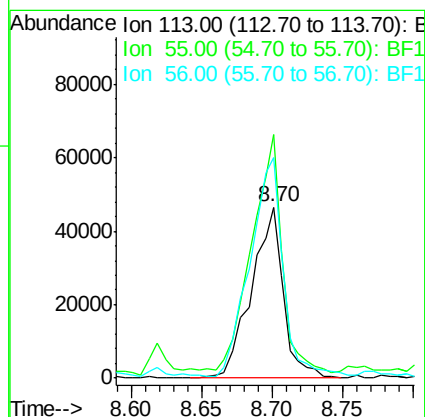
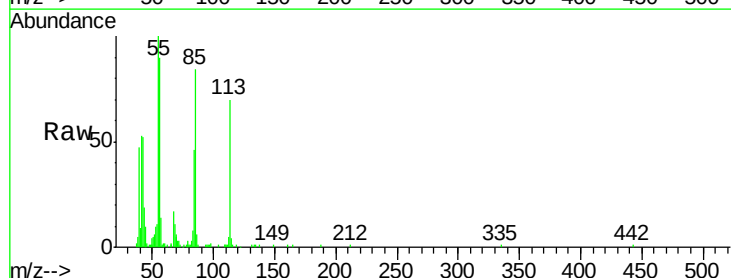
Tgt Ion: 113 Resp: 74598

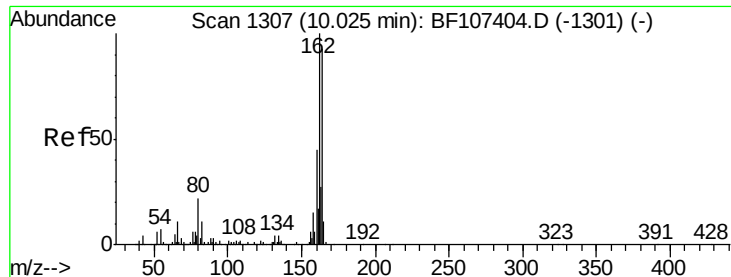
Ion Ratio Lower Upper

113 100

55 142.5 163.3 203.3#

56 128.7 115.7 155.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.02 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF107515.D

Acq: 19 Jul 2018 19:18

Instrument :

BNA_F

ClientSampleId :

161-NEW-WALL

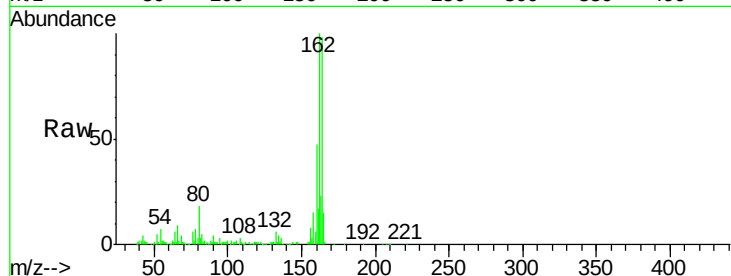
Tgt Ion:164 Resp: 150057

Ion Ratio Lower Upper

164 100

162 101.7 86.1 129.1

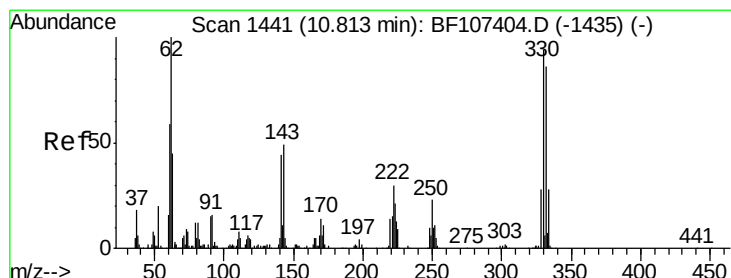
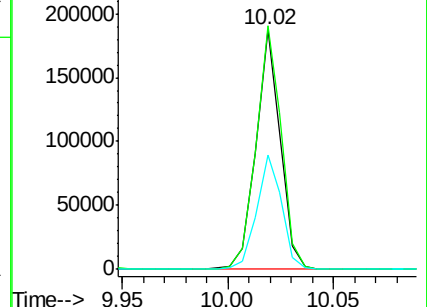
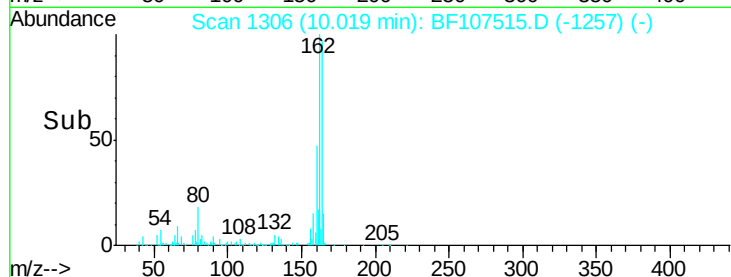
160 48.0 38.3 57.5



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: 106.835 ng

RT: 10.82 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BF107515.D

Acq: 19 Jul 2018 19:18

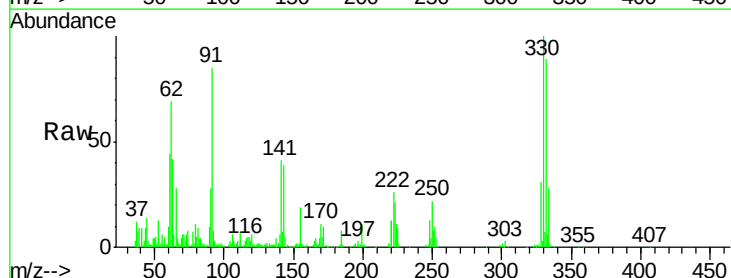
Tgt Ion:330 Resp: 140854

Ion Ratio Lower Upper

330 100

332 89.6 77.0 115.6

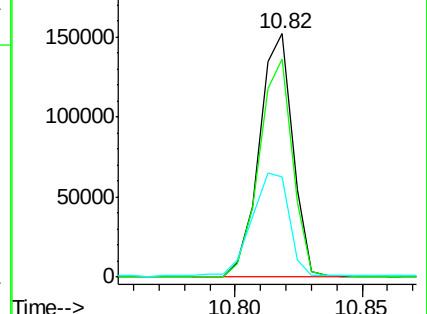
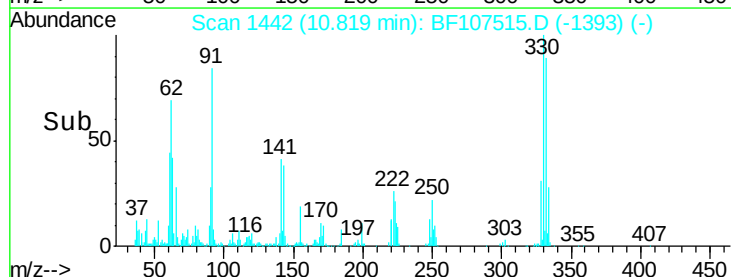
141 47.4 29.9 44.9#

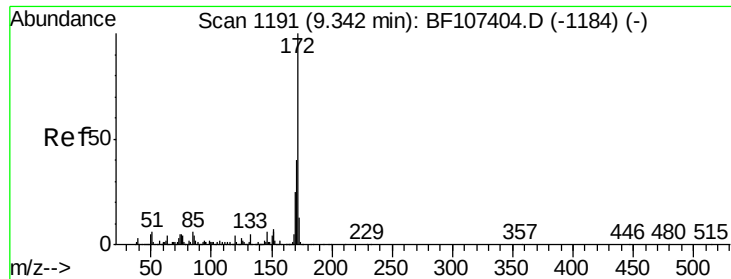


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

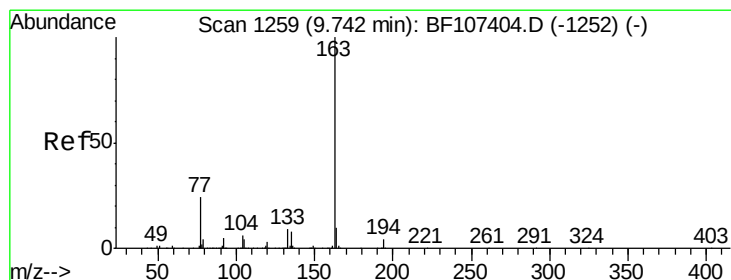
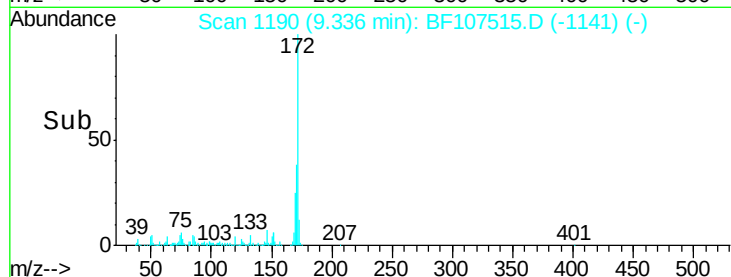
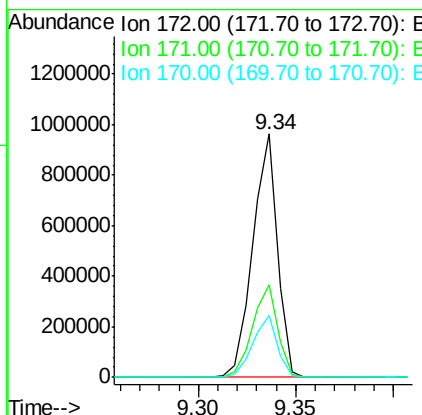
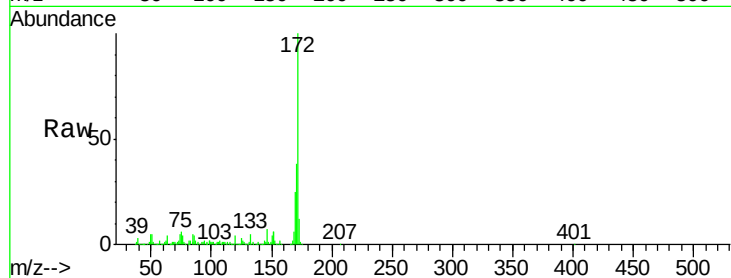




#44
2-Fluorobiphenyl
Concen: 94.506 ng
RT: 9.34 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF107515.D
Acq: 19 Jul 2018 19:18

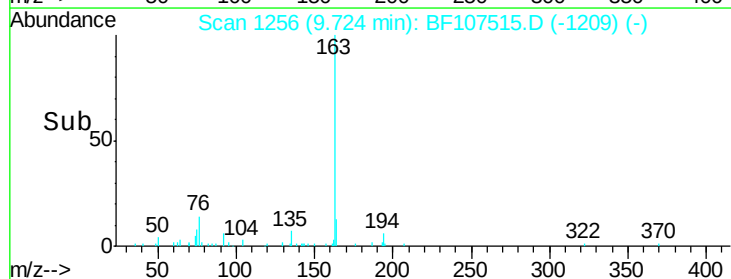
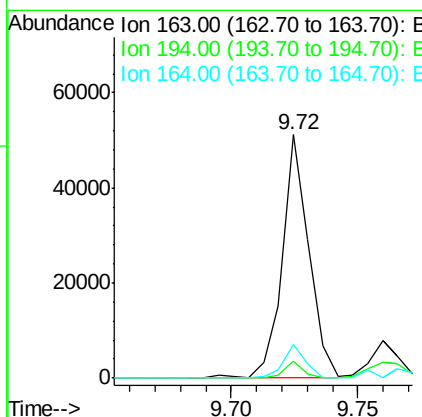
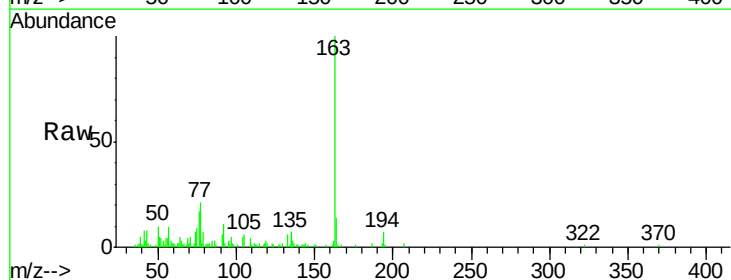
Instrument :
BNA_F
ClientSampleId :
161-NEW-WALL

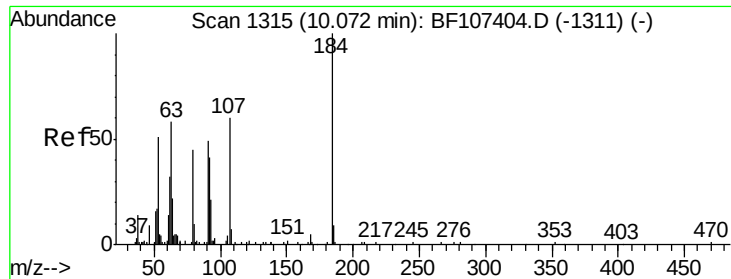
Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	29.7	44.5
170	25.4	19.6	29.4



#49
Dimethylphthalate
Concen: 3.170 ng
RT: 9.72 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF107515.D
Acq: 19 Jul 2018 19:18

Tgt Ion	Ratio	Lower	Upper
163	100		
194	6.9	2.7	4.1#
164	13.7	8.2	12.2#

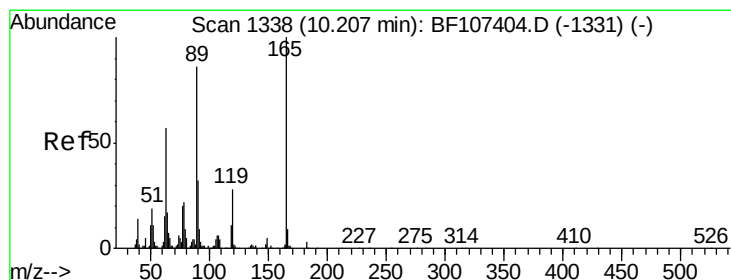
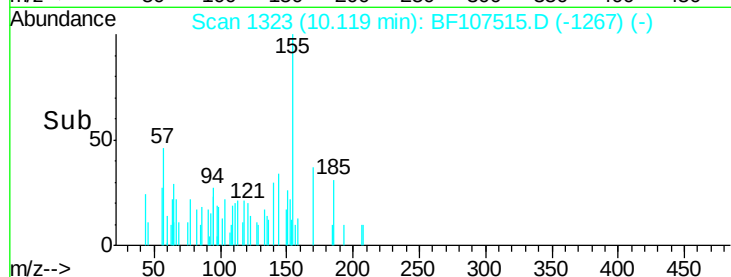
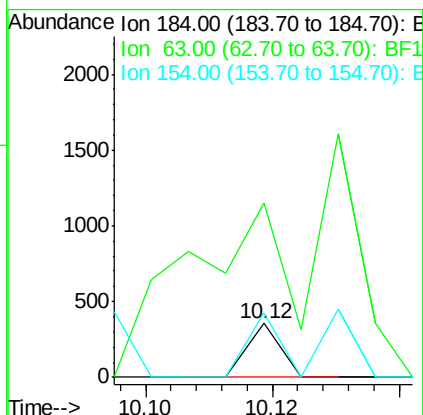
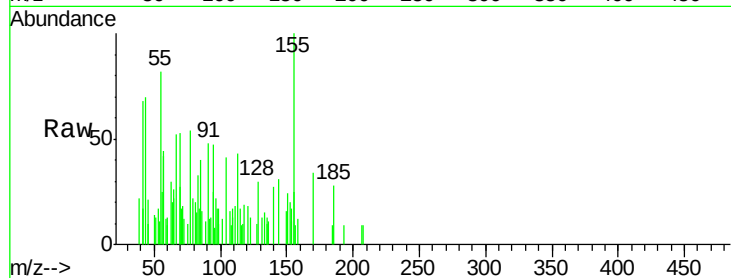




#53
 2,4-Dinitrophenol
 Concen: 2.478 ng
 RT: 10.12 min Scan# 1323
 Delta R.T. 0.03 min
 Lab File: BF107515.D
 Acq: 19 Jul 2018 19:18

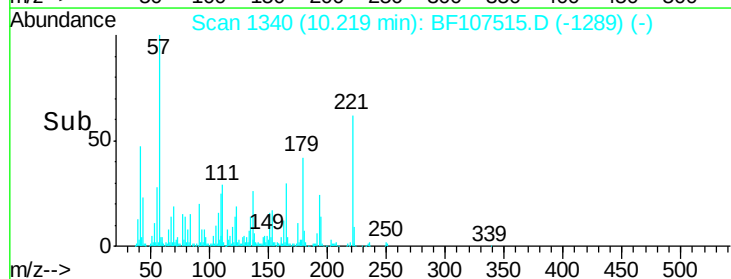
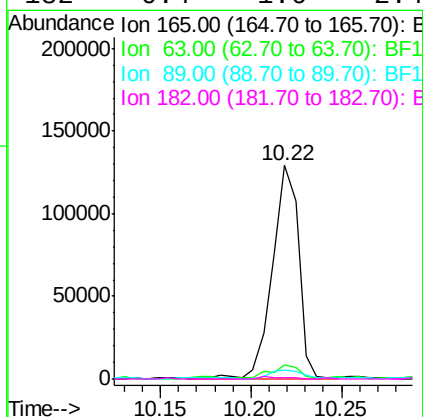
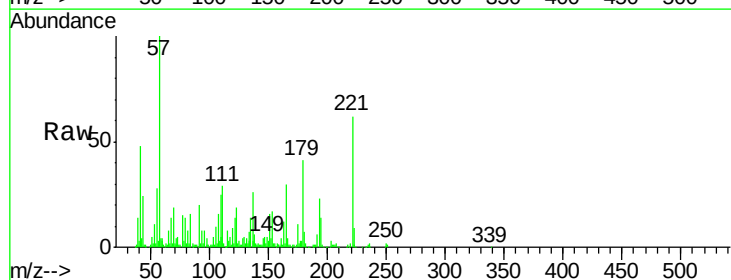
Instrument :
 BNA_F
 ClientSampleId :
 161-NEW-WALL

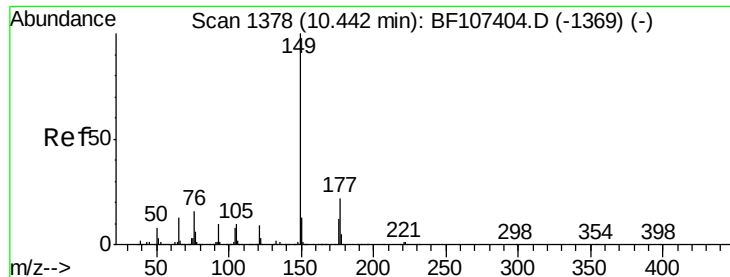
Tgt Ion:184 Resp: 126
 Ion Ratio Lower Upper
 184 100
 63 324.2 54.2 81.2#
 154 119.9 184.0 276.0#



#56
 2,4-Dinitrotoluene
 Concen: 43.362 ng
 RT: 10.22 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: BF107515.D
 Acq: 19 Jul 2018 19:18

Tgt Ion:165 Resp: 128588
 Ion Ratio Lower Upper
 165 100
 63 6.8 36.4 54.6#
 89 5.8 57.8 86.6#
 182 0.4 1.6 2.4#

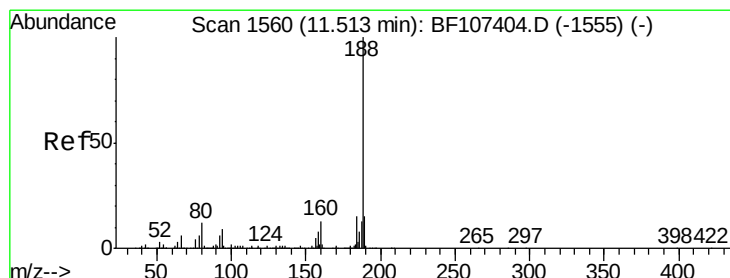
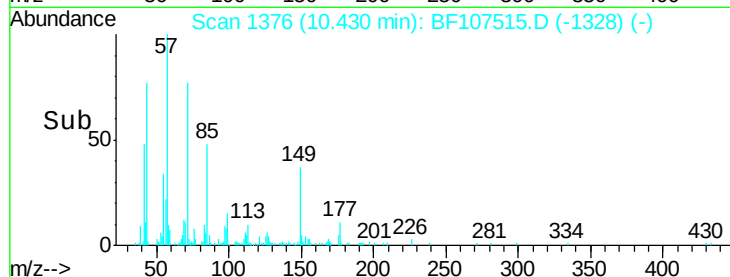
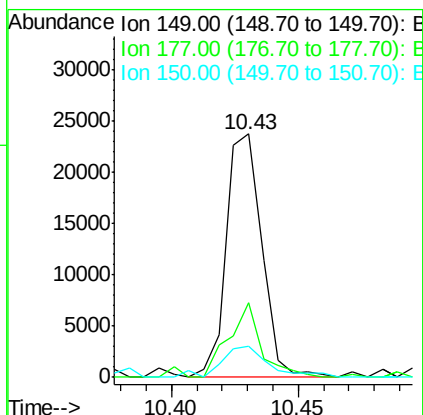
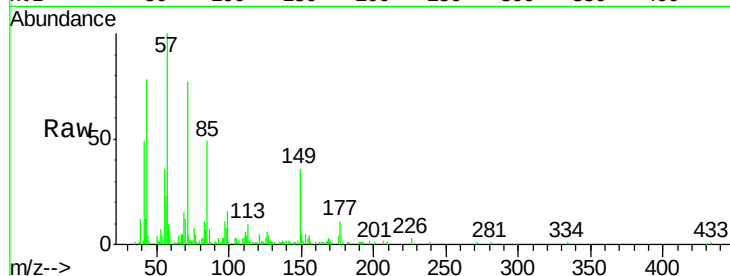




#59
Diethylphthalate
Concen: 2.001 ng
RT: 10.43 min Scan# 1376
Delta R.T. -0.02 min
Lab File: BF107515.D
Acq: 19 Jul 2018 19:18

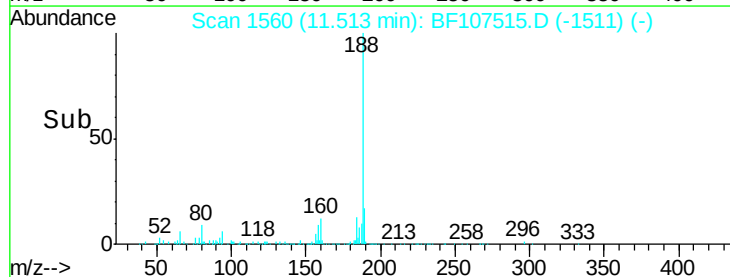
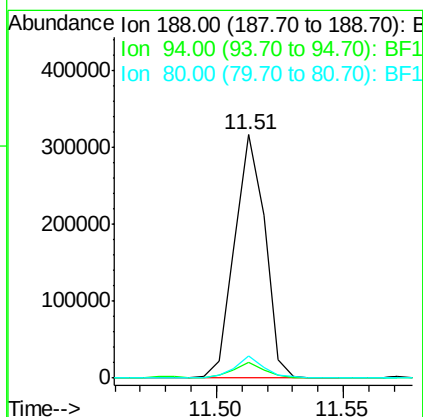
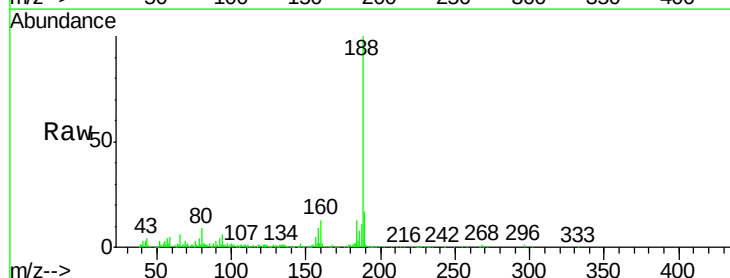
Instrument :
BNA_F
ClientSampleId :
161-NEW-WALL

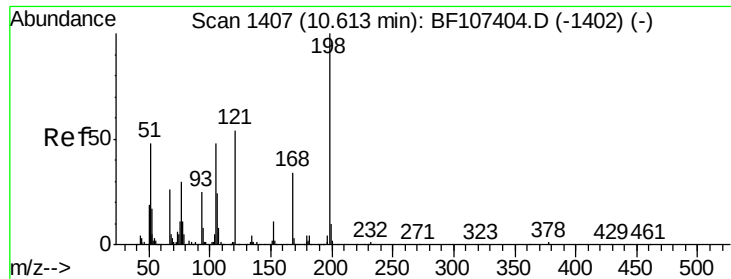
Tgt Ion:149 Resp: 23176
Ion Ratio Lower Upper
149 100
177 30.9 16.1 24.1#
150 12.9 10.1 15.1



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF107515.D
Acq: 19 Jul 2018 19:18

Tgt Ion:188 Resp: 263171
Ion Ratio Lower Upper
188 100
94 6.5 8.5 12.7#
80 9.1 9.2 13.8#

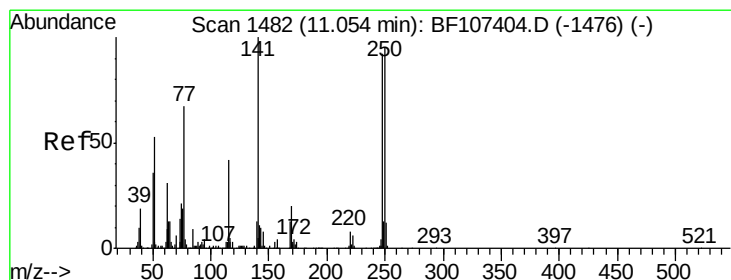
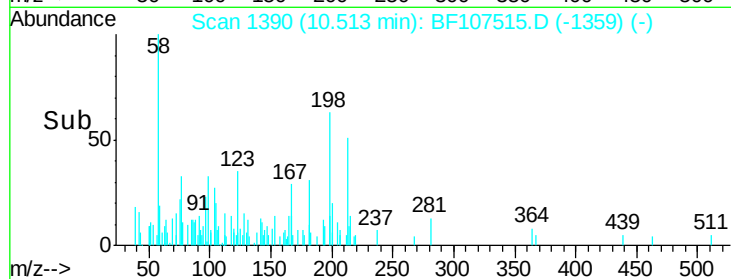
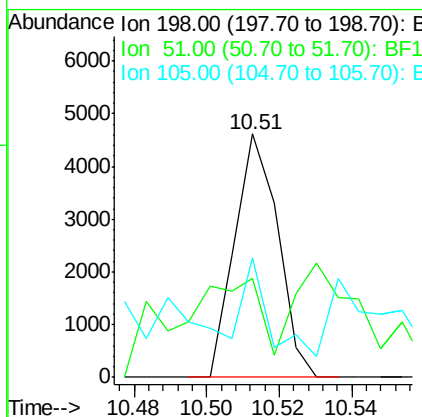
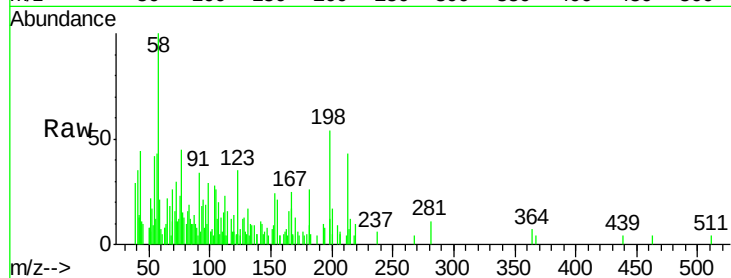




#64
 4,6-Dinitro-2-methylphenol
 Concen: 9.775 ng
 RT: 10.51 min Scan# 1390
 Delta R.T. -0.12 min
 Lab File: BF107515.D
 Acq: 19 Jul 2018 19:18

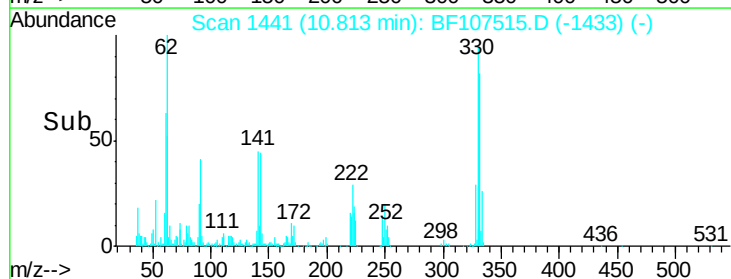
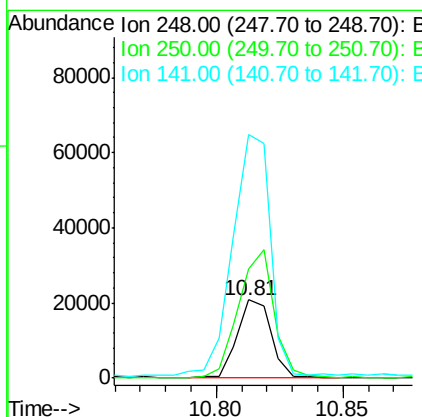
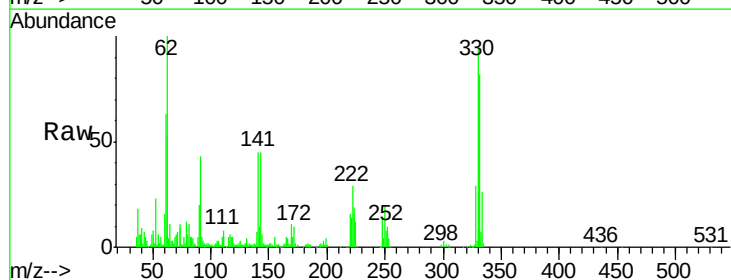
Instrument :
 BNA_F
 ClientSampleId :
 161-NEW-WALL

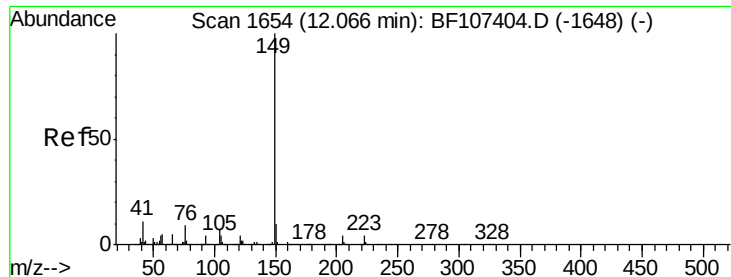
Tgt Ion:198 Resp: 3819
 Ion Ratio Lower Upper
 198 100
 51 40.5 37.7 77.7
 105 48.9 36.3 76.3



#66
 4-Bromophenyl-phenylether
 Concen: 6.512 ng
 RT: 10.81 min Scan# 1441
 Delta R.T. -0.25 min
 Lab File: BF107515.D
 Acq: 19 Jul 2018 19:18

Tgt Ion:248 Resp: 19606
 Ion Ratio Lower Upper
 248 100
 250 140.4 76.9 115.3#
 141 312.4 74.4 111.6#





#73

Di-n-butylphthalate

Concen: 5.673 ng

RT: 12.06 min Scan# 1653

Delta R.T. -0.02 min

Lab File: BF107515.D

Acq: 19 Jul 2018 19:18

Instrument :

BNA_F

ClientSampleId :

161-NEW-WALL

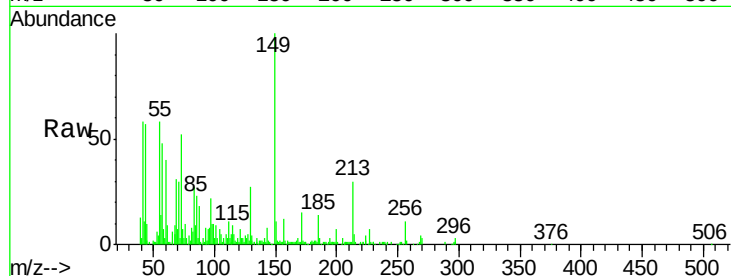
Tgt Ion:149 Resp: 80631

Ion Ratio Lower Upper

149 100

150 11.1 7.8 11.6

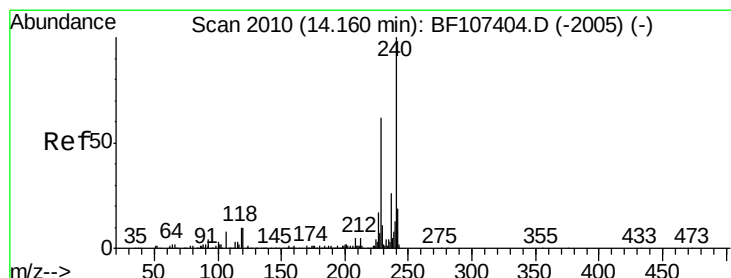
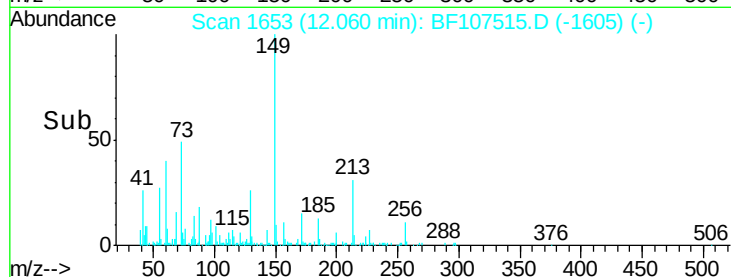
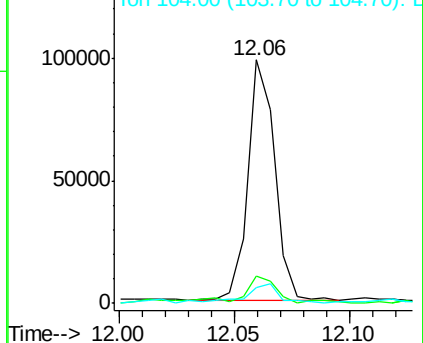
104 6.6 3.8 5.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.17 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BF107515.D

Acq: 19 Jul 2018 19:18

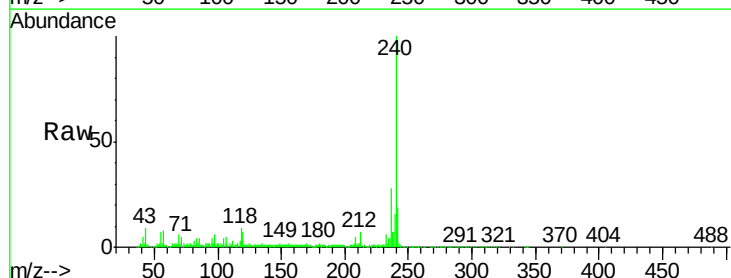
Tgt Ion:240 Resp: 273600

Ion Ratio Lower Upper

240 100

120 7.2 9.5 14.3#

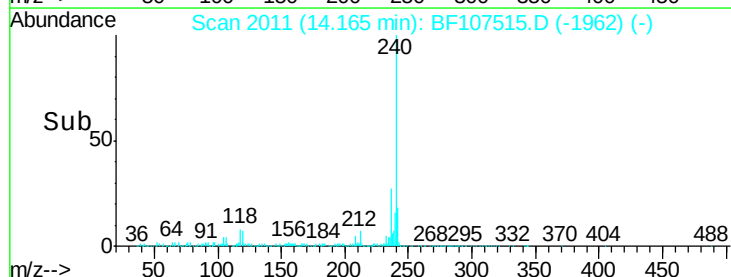
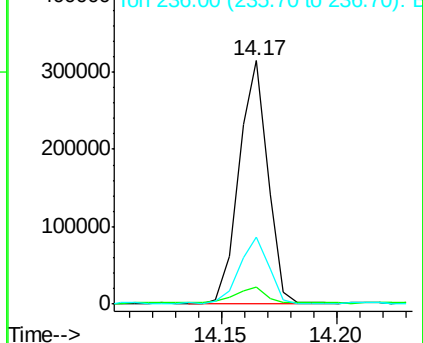
236 27.6 20.7 31.1

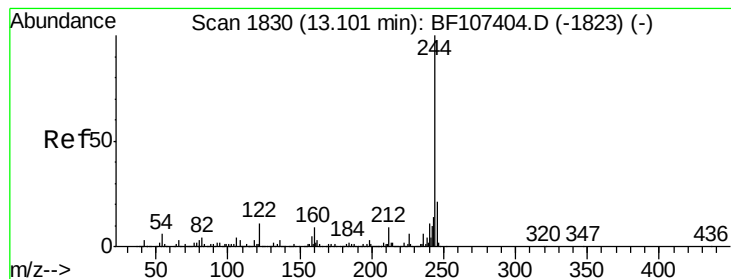


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 71.528 ng

RT: 13.10 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF107515.D

Acq: 19 Jul 2018 19:18

Instrument :

BNA_F

ClientSampleId :

161-NEW-WALL

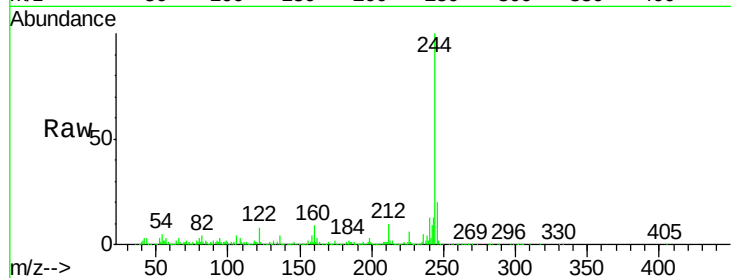
Tgt Ion:244 Resp: 787666

Ion Ratio Lower Upper

244 100

212 9.5 5.4 8.0#

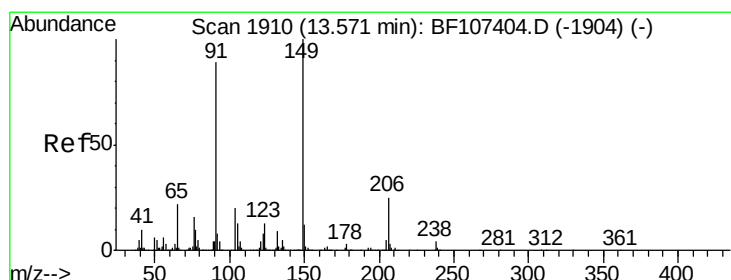
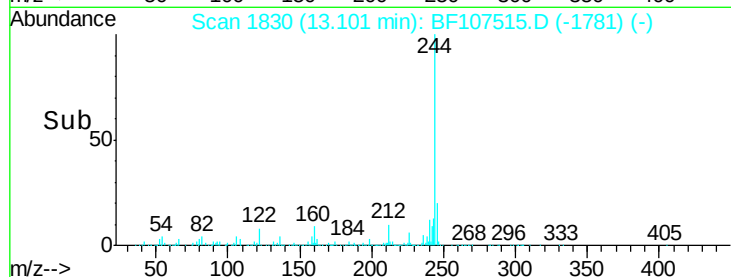
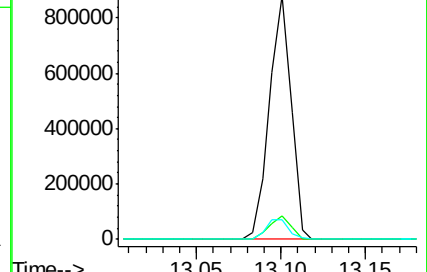
122 7.8 11.0 16.4#



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



#79

Butylbenzylphthalate

Concen: 7.783 ng

RT: 13.57 min Scan# 1910

Delta R.T. -0.01 min

Lab File: BF107515.D

Acq: 19 Jul 2018 19:18

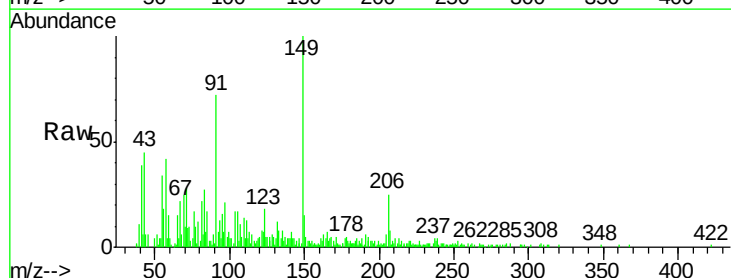
Tgt Ion:149 Resp: 52743

Ion Ratio Lower Upper

149 100

91 72.2 56.8 85.2

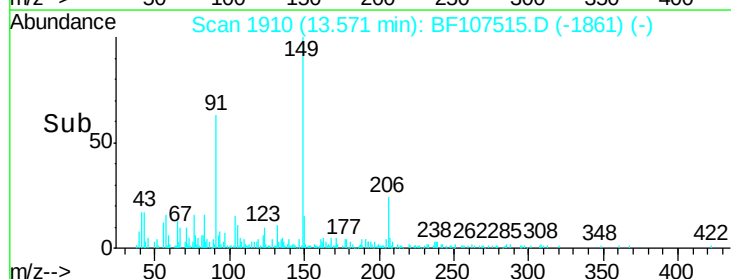
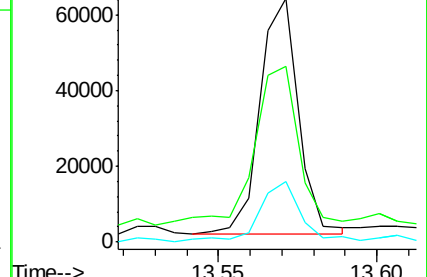
206 25.0 14.1 21.1#

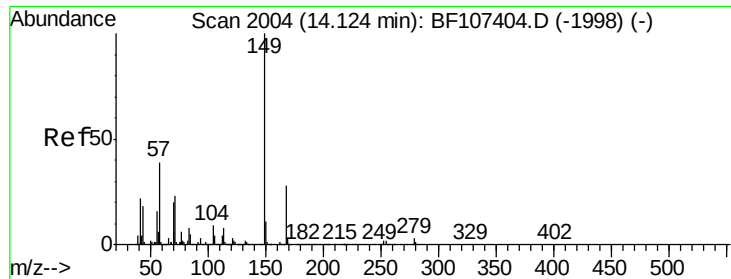


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

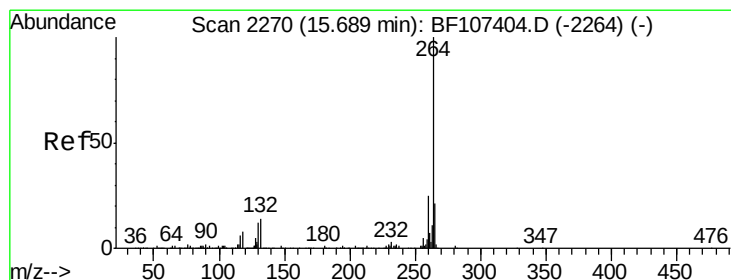
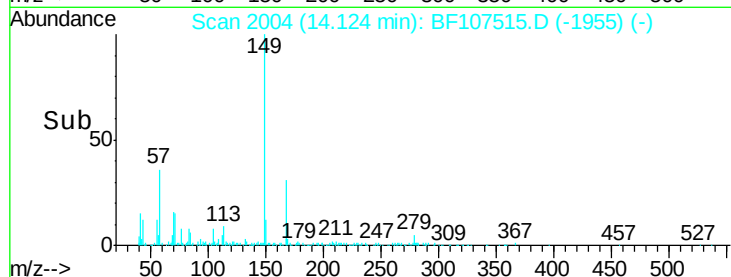
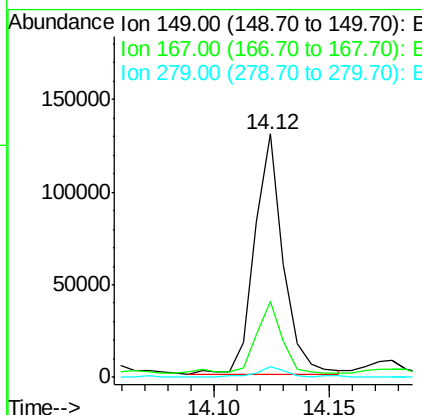
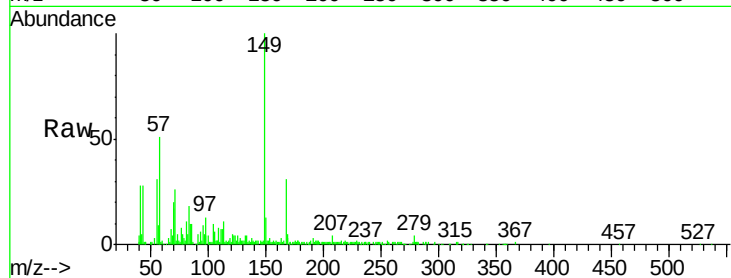




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 11.586 ng
 RT: 14.12 min Scan# 2004
 Delta R.T. -0.01 min
 Lab File: BF107515.D
 Acq: 19 Jul 2018 19:18

Instrument :
 BNA_F
 ClientSampleId :
 161-NEW-WALL

Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.4	21.3	31.9
279	4.4	3.0	4.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.70 min Scan# 2272
 Delta R.T. -0.01 min
 Lab File: BF107515.D
 Acq: 19 Jul 2018 19:18

Tgt Ion	Ratio	Lower	Upper
264	100		
260	27.2	19.2	28.8
265	20.5	17.5	26.3

