

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 01:27:12 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

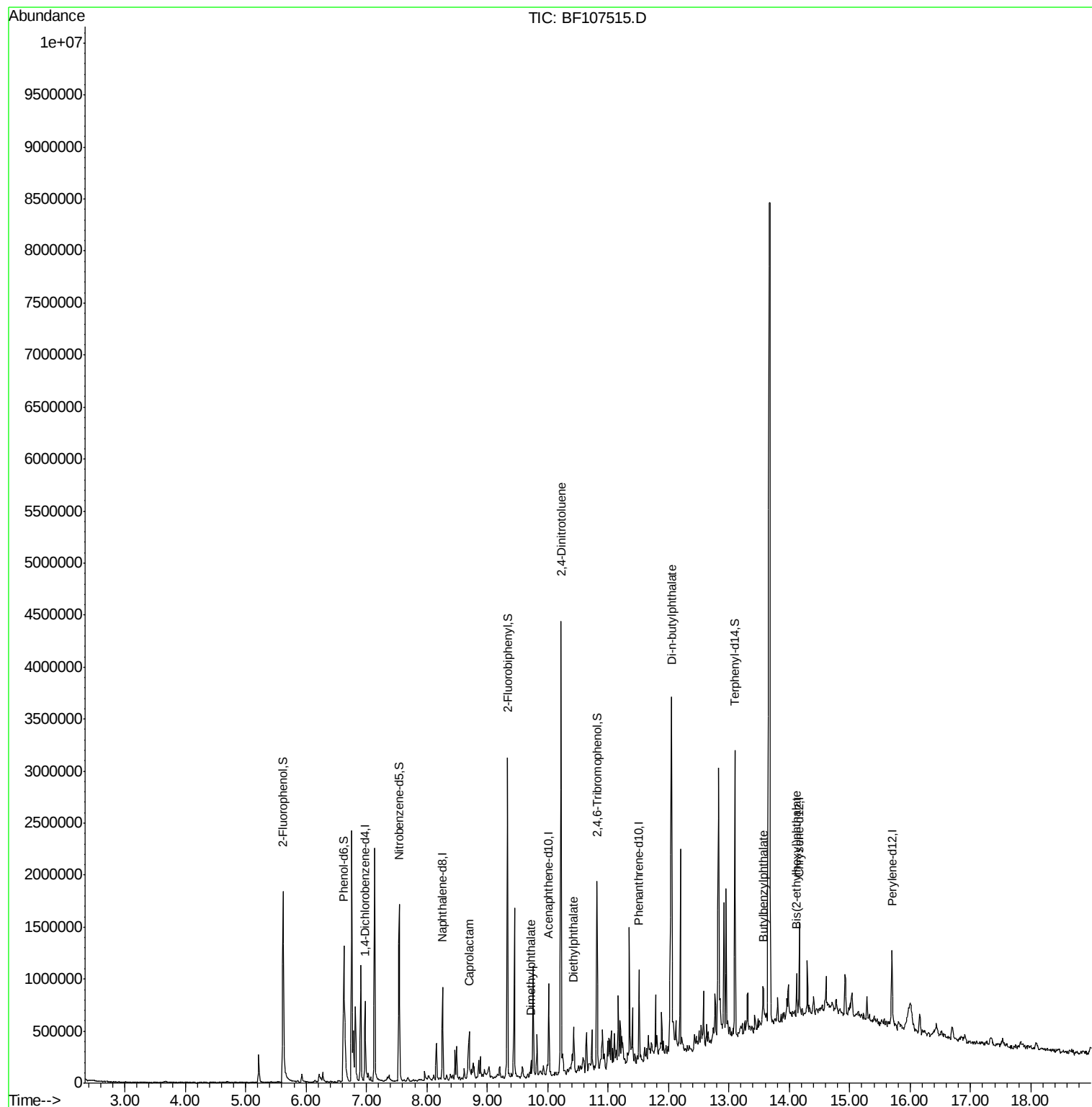
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	96711	20.00	ng	-0.01
21) Naphthalene-d8	8.26	136	307289	20.00	ng	-0.01
38) Acenaphthene-d10	10.02	164	150057	20.00	ng	-0.01
63) Phenanthrene-d10	11.51	188	263171	20.00	ng	-0.01
75) Chrysene-d12	14.17	240	273600	20.00	ng	-0.01
86) Perylene-d12	15.70	264	295419	20.00	ng	-0.01
System Monitoring Compounds						
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						
35) Caprolactam	8.70	113	74598	48.005	ng	# 81
49) Dimethylphthalate	9.72	163	37800	3.170	ng	# 90
56) 2,4-Dinitrotoluene	10.22	165	128588	43.362	ng	# 30
59) Diethylphthalate	10.43	149	23176	2.001	ng	# 85
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

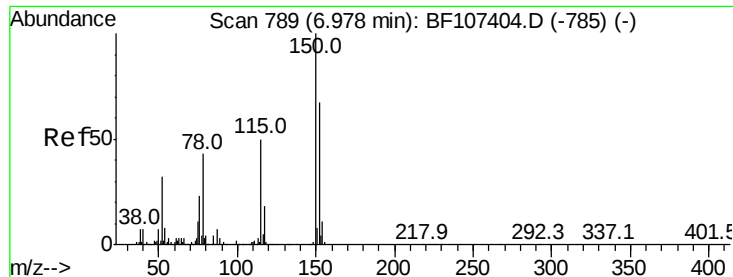
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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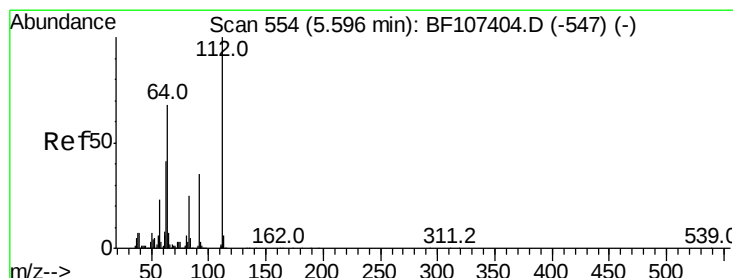
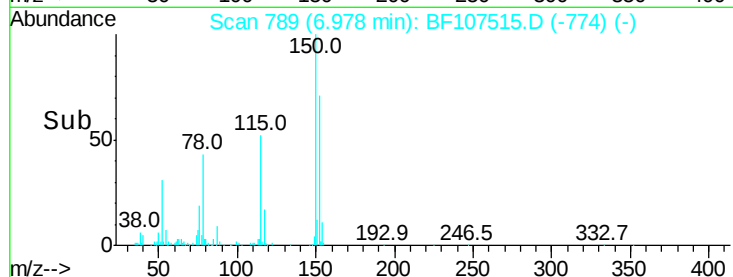
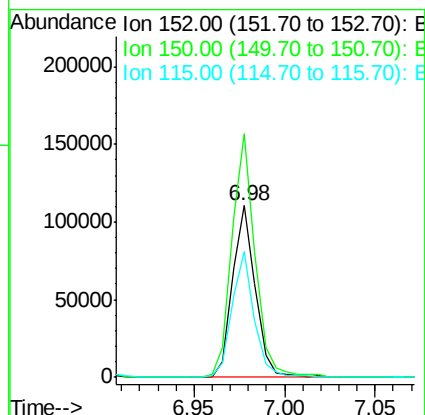
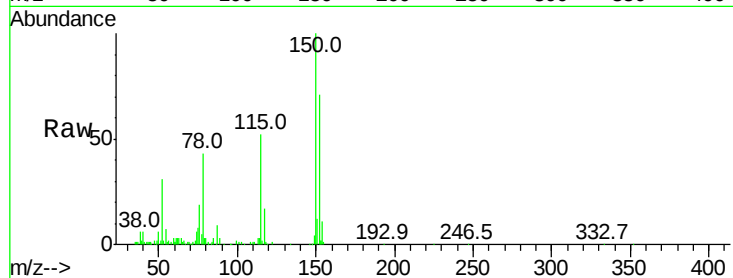


#1

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

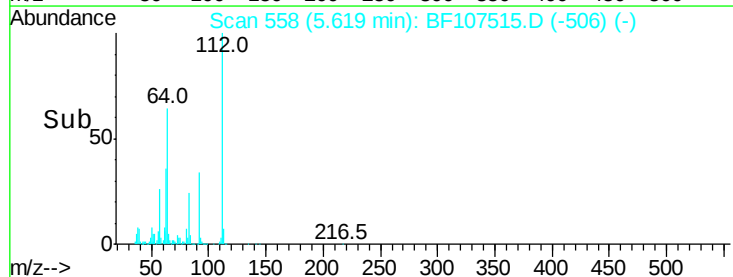
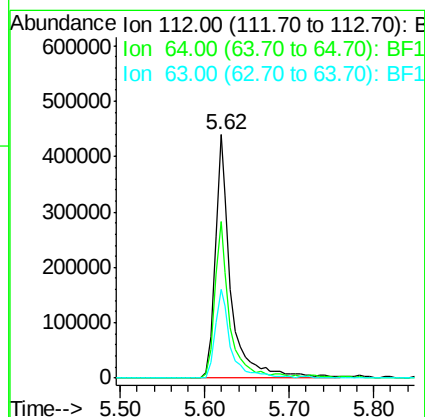
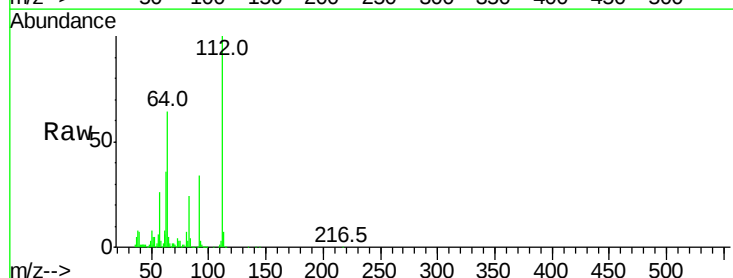
Tot Ion	Ratio	Lower	Upper
152	100		
150	141.8	124.6	186.8
115	73.1	50.1	75.1

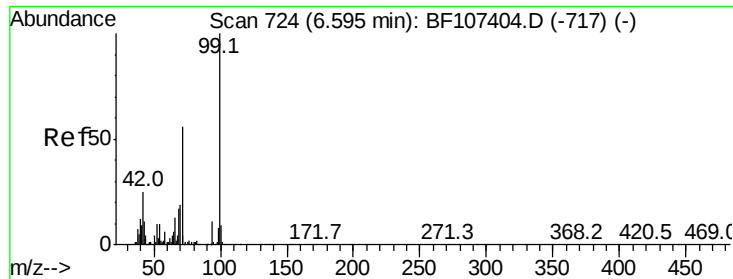


#5

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	Ratio	Lower	Upper
112	100		
64	64.3	47.9	71.9
63	36.3	23.7	35.5





#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

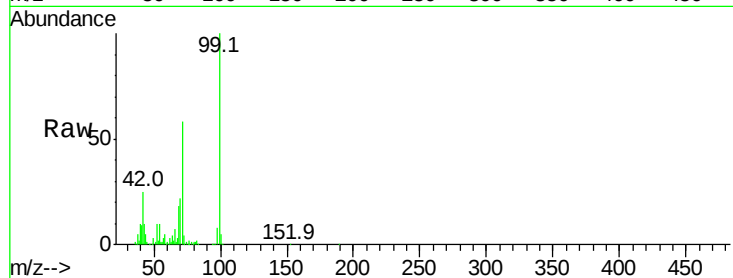
Tot Ion: 99 Resp: 713208

Ion Ratio Lower Upper

99 100

42 24.9 14.5 21.7#

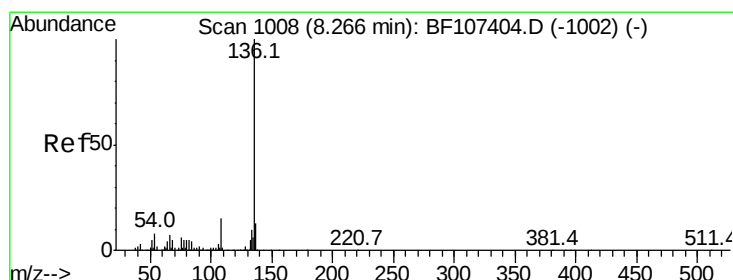
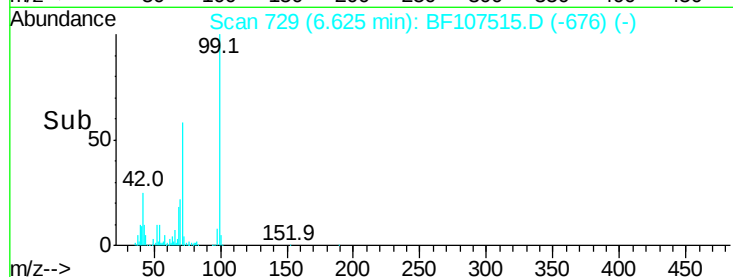
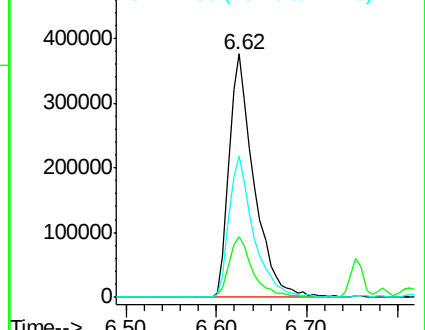
71 58.2 25.4 38.0#



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: 8.26 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF107515.D

Acq: 19 Jul 2018 19:18

Tgt Ion: 136 Resp: 307289

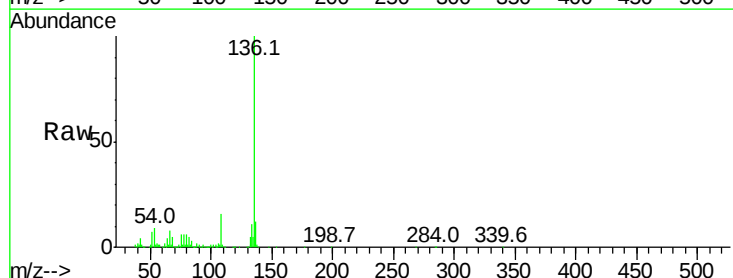
Ion Ratio Lower Upper

136 100

137 11.8 8.9 13.3

54 9.1 6.6 9.8

68 5.1 5.0 7.4

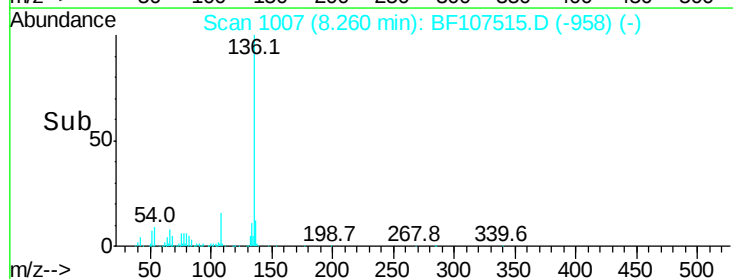
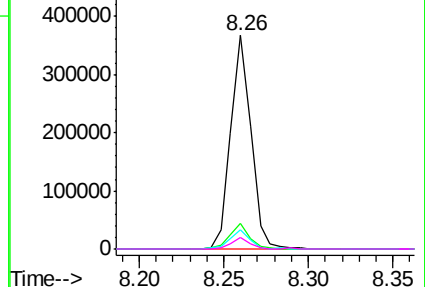


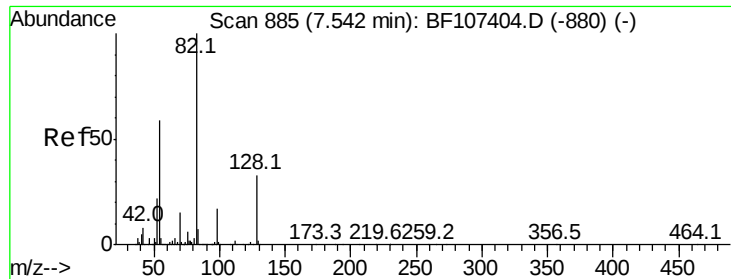
Abundance Ion 136.00 (135.70 to 136.70): E

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

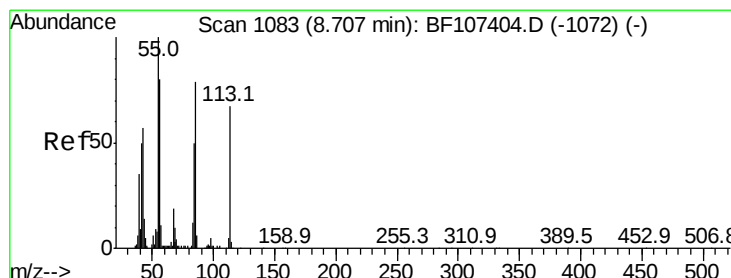
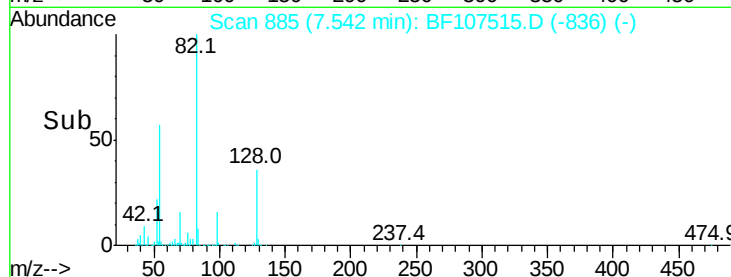
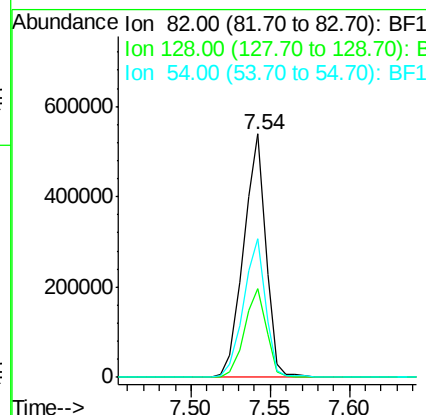
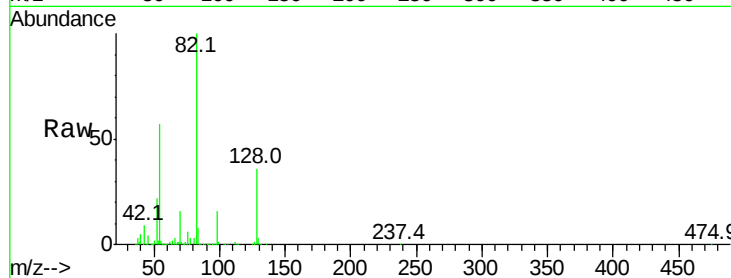




#23
 Nitrobenzene-d5
 Concen: 90.710 ng
 RT: 7.54 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF107515.D
 Acq: 19 Jul 2018 19:18

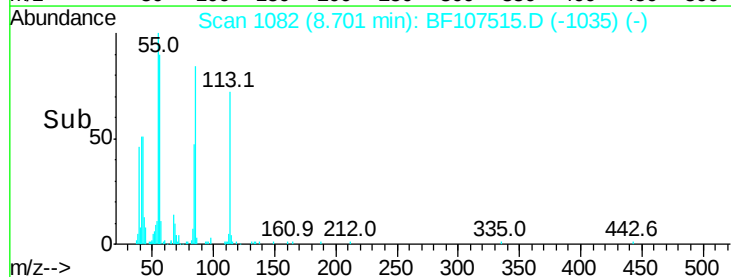
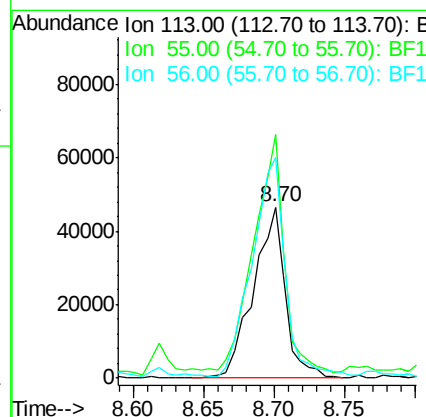
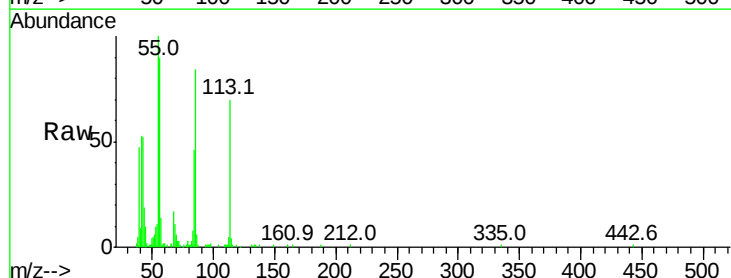
Instrument :
 BNA_F
 ClientSampleId :
 161-NEW-WALL

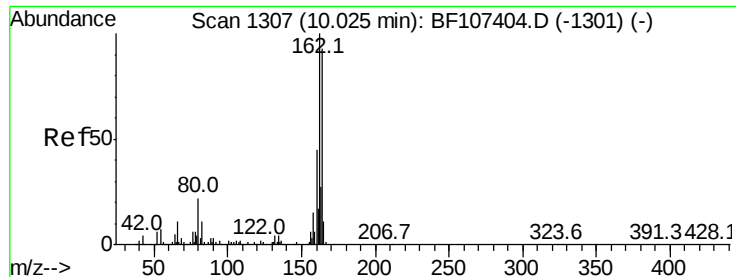
Tot Ion	82	Resp	522730
Ion Ratio	Lower	Upper	
82	100		
128	36.5	36.1	54.1
54	56.8	41.4	62.2



#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

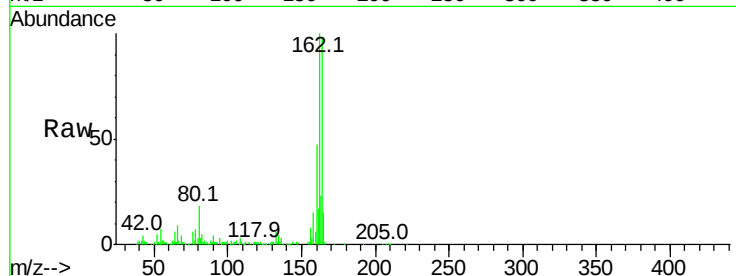
Tot Ion:164 Resp: 150057

Ion Ratio Lower Upper

164 100

162 101.7 86.1 129.1

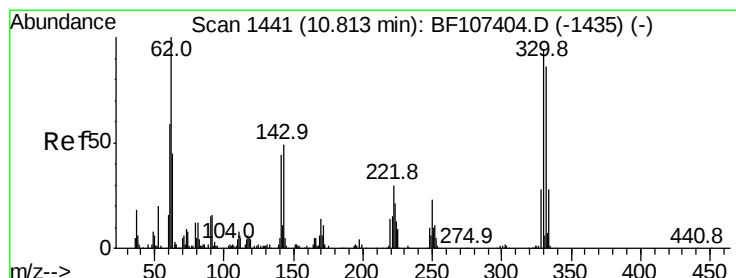
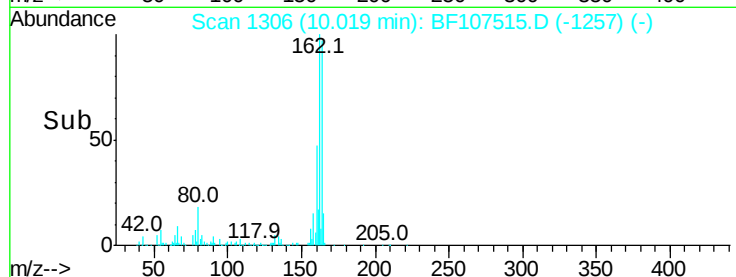
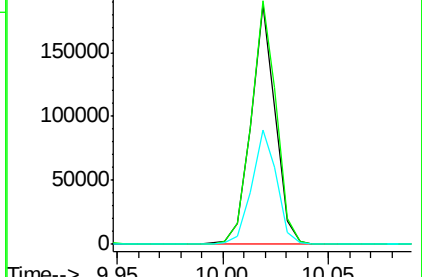
160 48.0 38.3 57.5



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

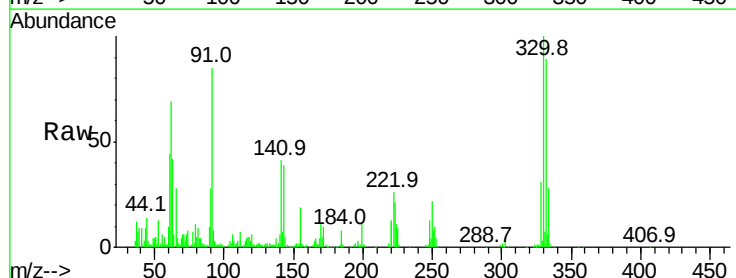
Tgt Ion:330 Resp: 140854

Ion Ratio Lower Upper

330 100

332 89.6 77.0 115.6

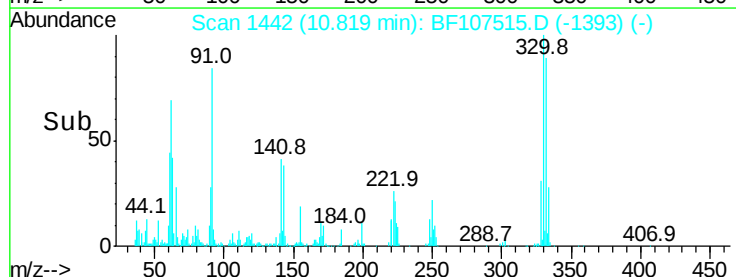
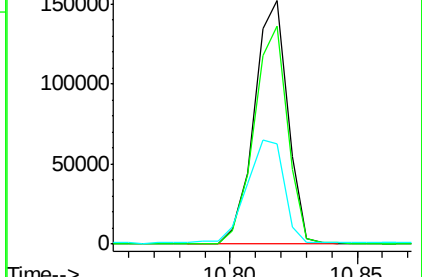
141 47.4 29.9 44.9#

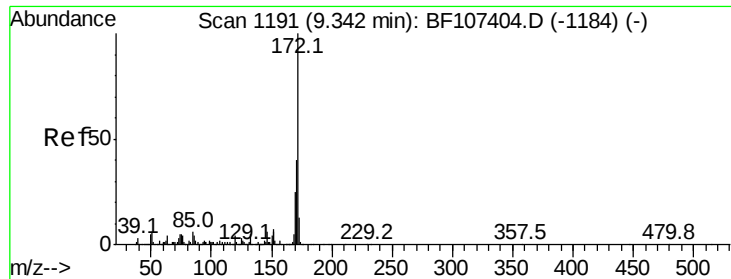


Abundance Ion 329.80 (329.50 to 330.50): E

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 :

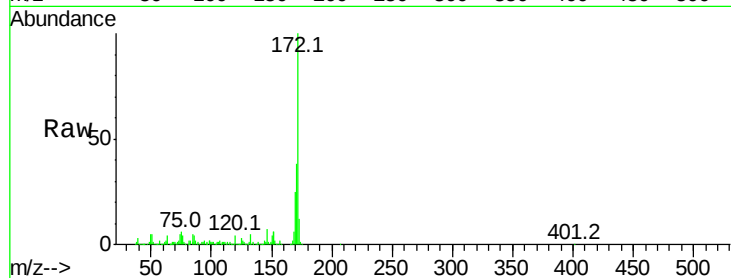
BNA_F

ClientSampleId :

161-NEW-WALL

Tot Ion:172 Resp: 839627

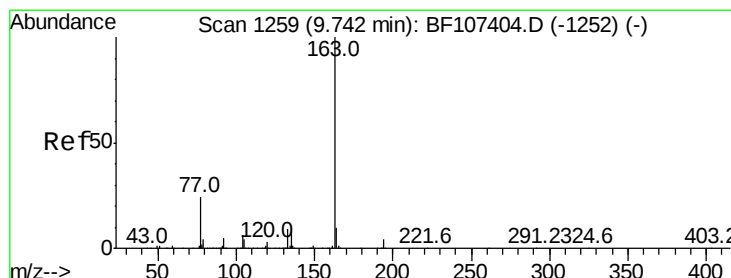
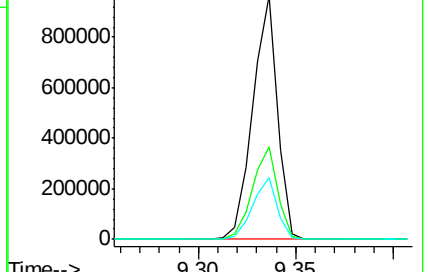
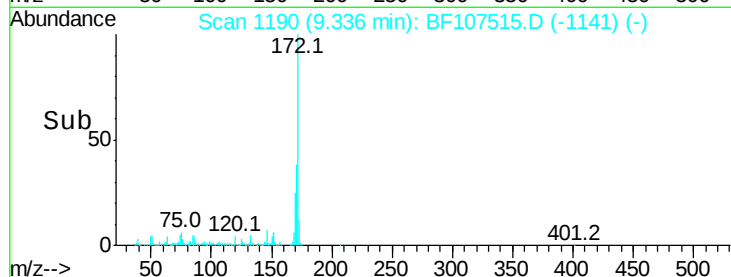
Ion	Ratio	Lower	Upper
172	100		
171	38.0	29.7	44.5
170	25.4	19.6	29.4



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



#49

Dimethylphthalate

Concen: 3.170 ng

RT: 9.72 min Scan# 1256

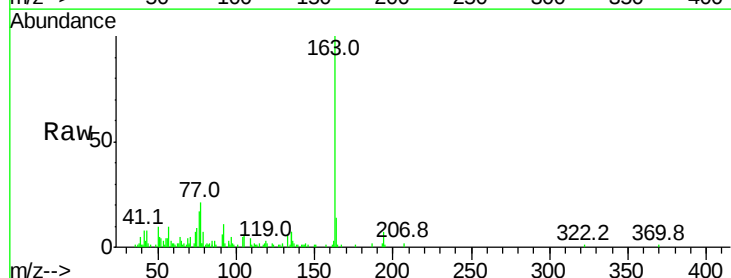
Delta R.T. -0.02 min

Lab File: BF107515.D

Acq: 19 Jul 2018 19:18

Tgt Ion:163 Resp: 37800

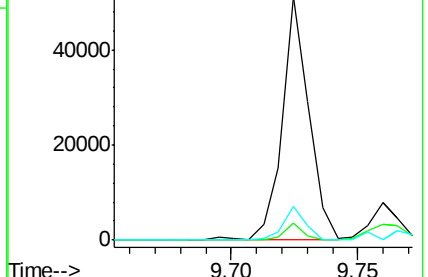
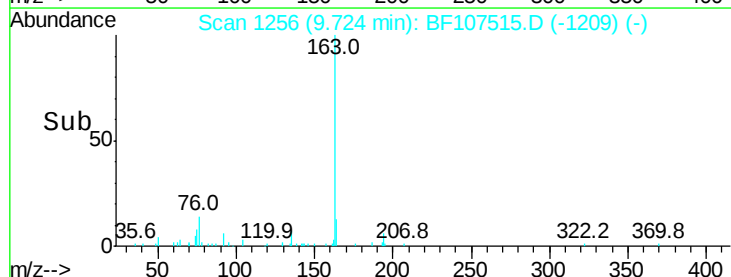
Ion	Ratio	Lower	Upper
163	100		
194	6.9	2.7	4.1#
164	13.7	8.2	12.2#

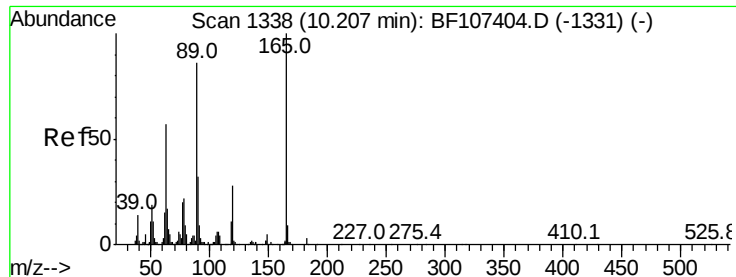


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

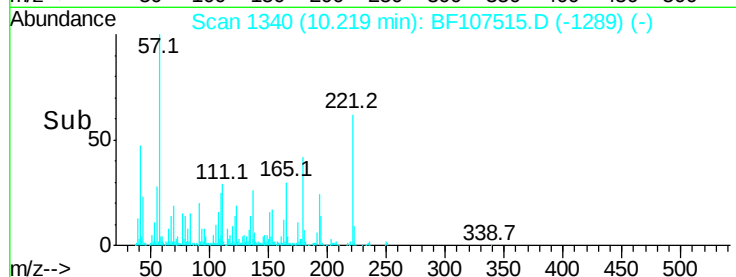
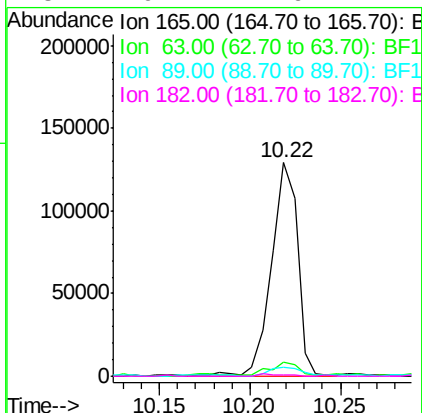
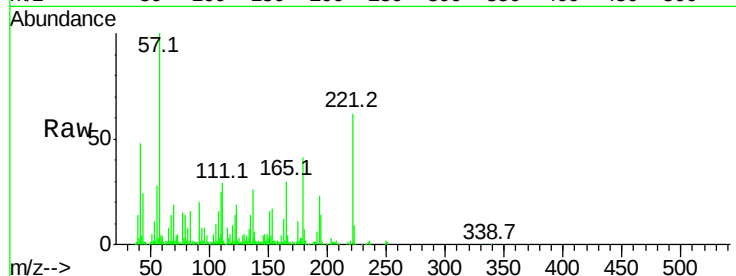




#56
2,4-Dinitrotoluene
Concen: 43.362 ng
RT: 10.22 min Scan# 1340
Delta R.T. -0.00 min
Lab File: BF107515.D
Acq: 19 Jul 2018 19:18

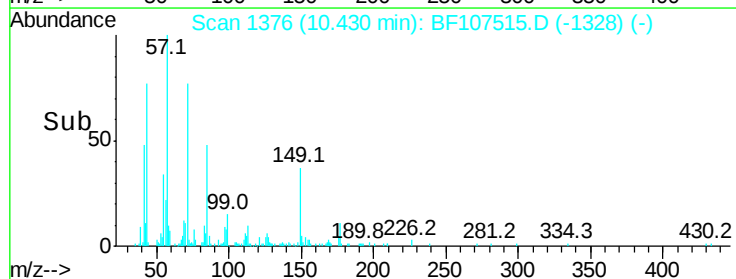
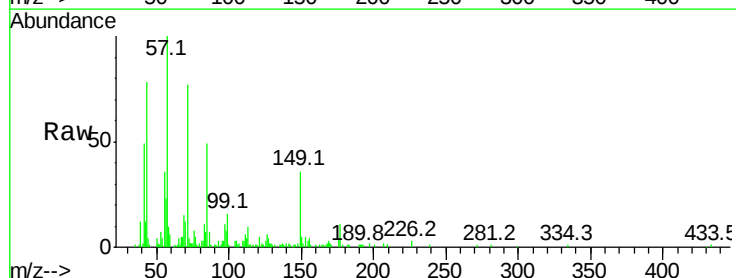
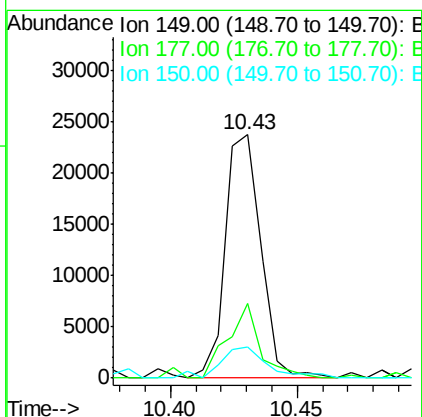
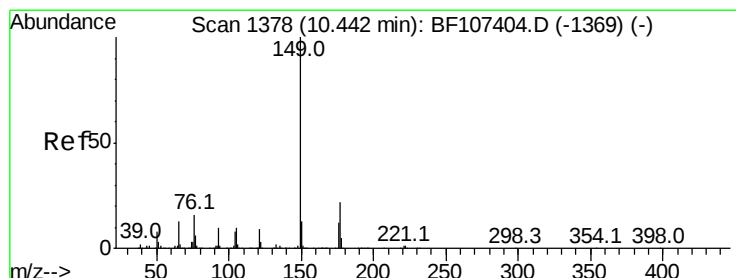
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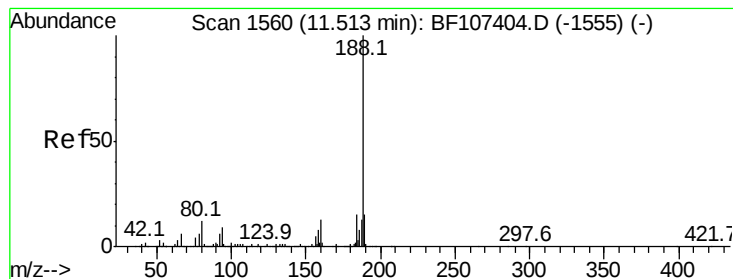
Tot Ion:165 Resp: 128588
Ion Ratio Lower Upper
165 100
63 6.8 36.4 54.6#
89 5.8 57.8 86.6#
182 0.4 1.6 2.4#



#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

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

Instrument :

BNA_F

ClientSampleId :

161-NEW-WALL

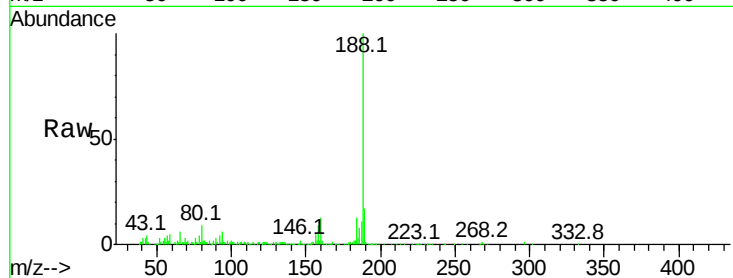
Tot Ion:188 Resp: 263171

Ion Ratio Lower Upper

188 100

94 6.5 8.5 12.7#

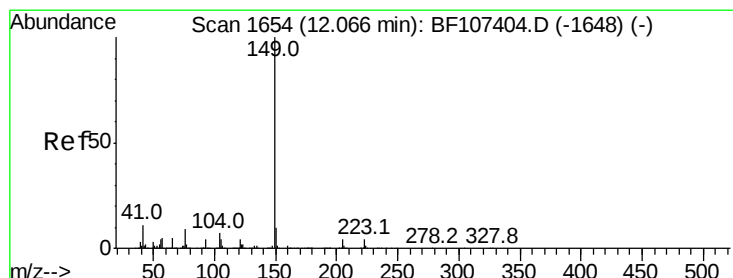
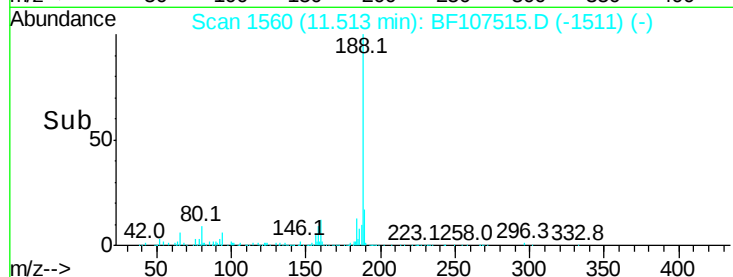
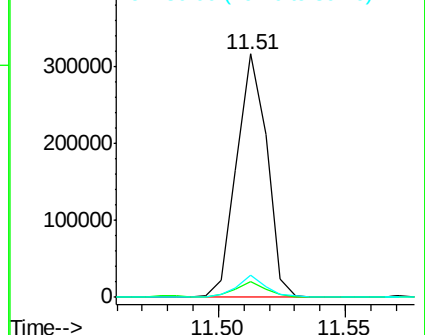
80 9.1 9.2 13.8#



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



#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

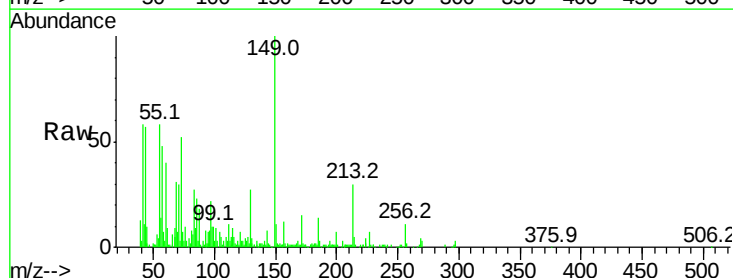
Tgt Ion:149 Resp: 80631

Ion Ratio Lower Upper

149 100

150 11.1 7.8 11.6

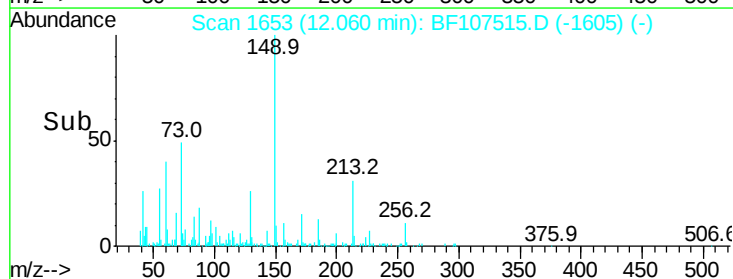
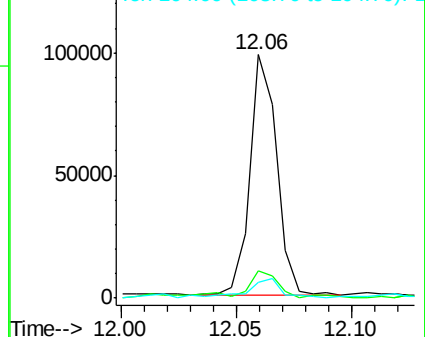
104 6.6 3.8 5.8#

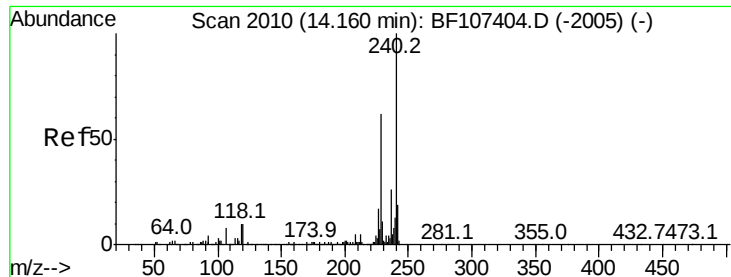


Abundance Ion 149.00 (148.70 to 149.70): E

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

Instrument :

BNA_F

ClientSampleId :

161-NEW-WALL

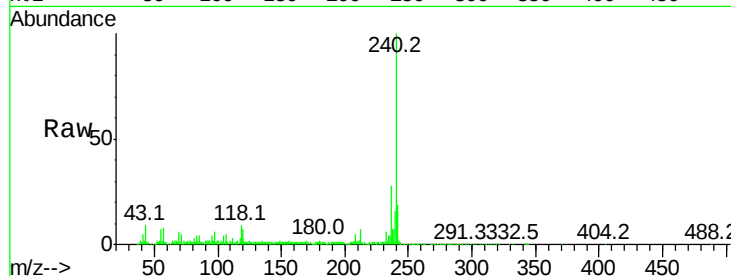
Tot Ion:240 Resp: 273600

Ion Ratio Lower Upper

240 100

120 7.2 9.5 14.3#

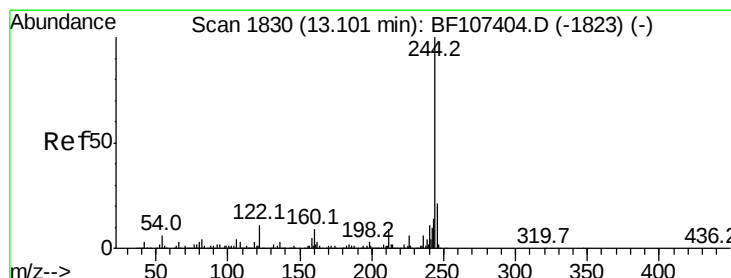
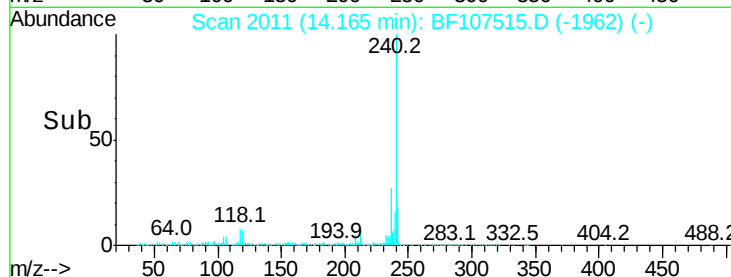
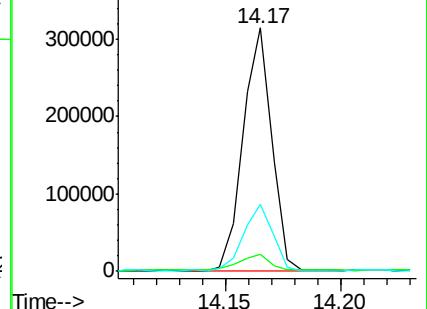
236 27.6 20.7 31.1



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

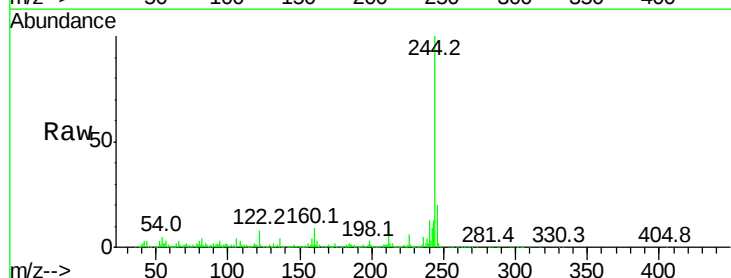
Tgt Ion:244 Resp: 787666

Ion Ratio Lower Upper

244 100

212 9.5 5.4 8.0#

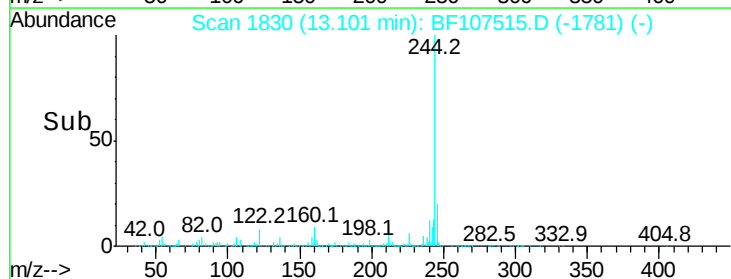
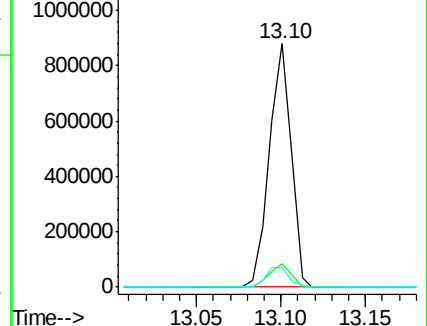
122 7.8 11.0 16.4#

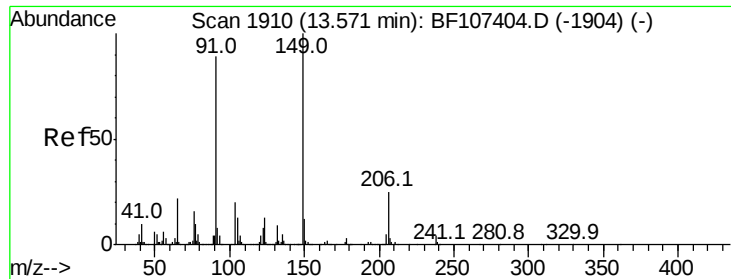


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

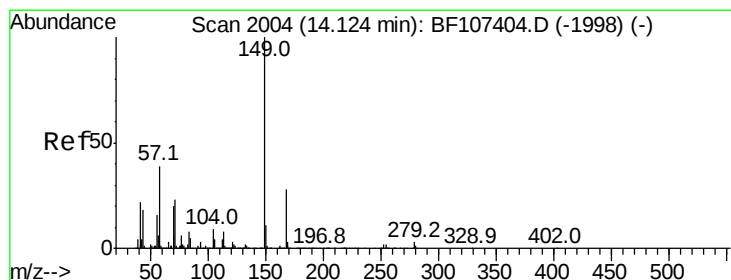
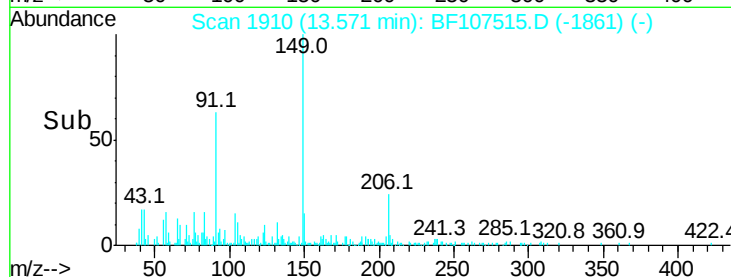
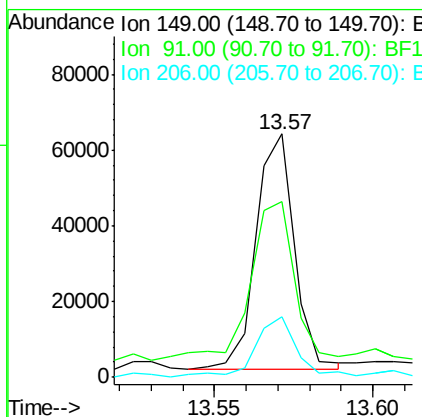
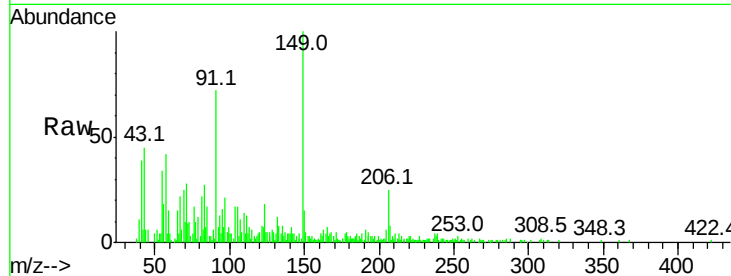




#79
 Butylbenzylphthalate
 Concen: 7.783 ng
 RT: 13.57 min Scan# 1910
 Delta R.T. -0.01 min
 Lab File: BF107515.D
 Acq: 19 Jul 2018 19:18

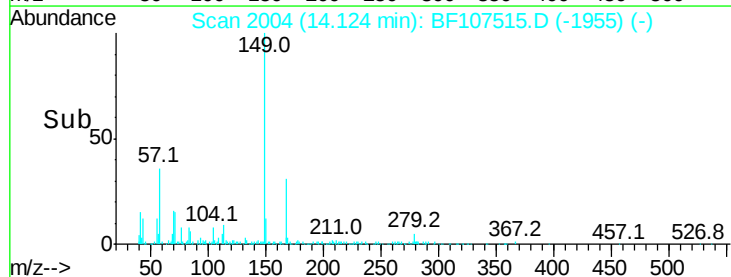
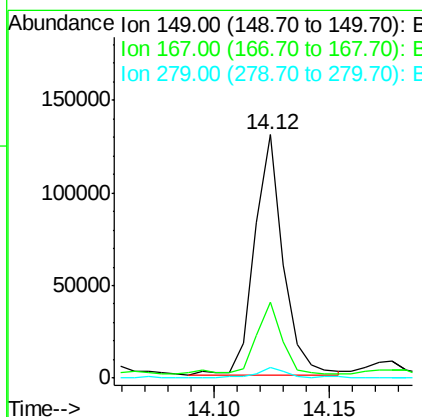
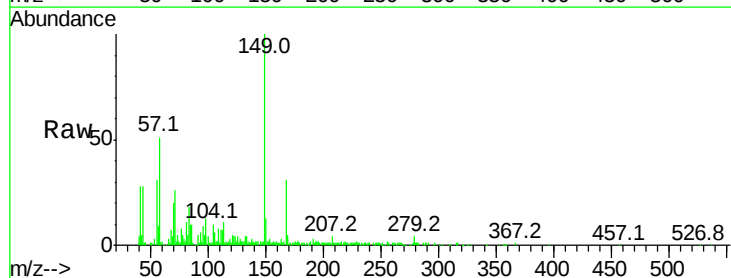
Instrument :
 BNA_F
 ClientSampleId :
 161-NEW-WALL

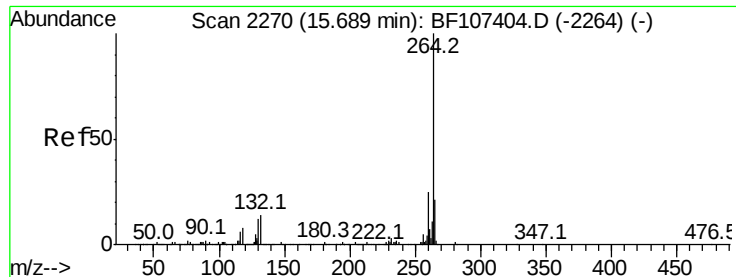
Tot Ion:149 Resp: 52743
 Ion Ratio Lower Upper
 149 100
 91 72.2 56.8 85.2
 206 25.0 14.1 21.1#



#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

Tgt Ion:149 Resp: 112514
 Ion Ratio Lower Upper
 149 100
 167 31.4 21.3 31.9
 279 4.4 3.0 4.4





#86
 Pervlene-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

Instrument :
 BNA_F
 ClientSampleId :
 161-NEW-WALL

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

