

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071818\
 Data File : BF107493.D
 Acq On : 19 Jul 2018 4:29
 Operator : JU/SJ
 Sample : J4027-01
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WALL-1-161

Quant Time: Jul 19 05:54:55 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

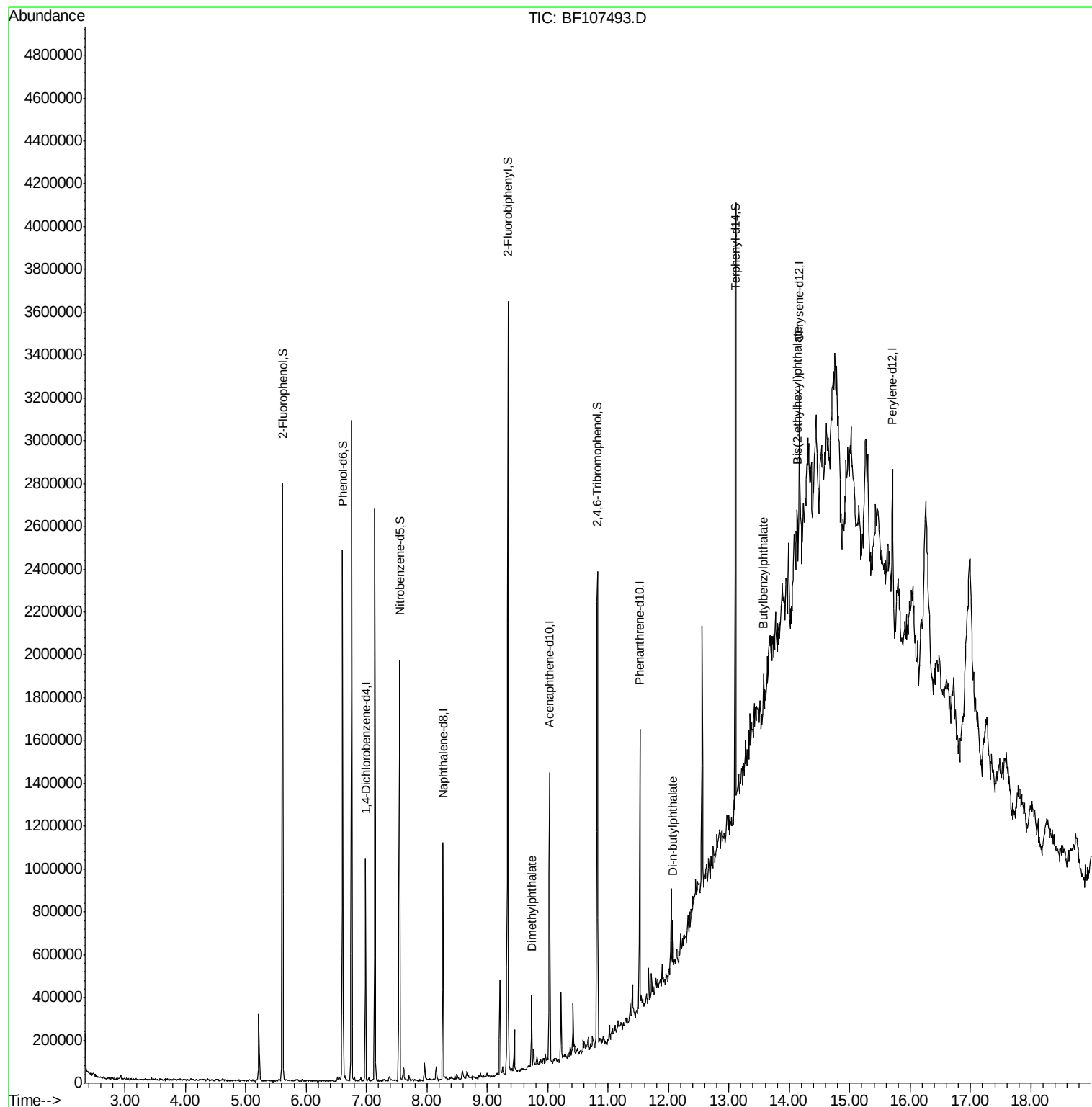
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	116173	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	404760	20.00	ng	0.00
38) Acenaphthene-d10	10.03	164	219698	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	428643	20.00	ng	0.00
75) Chrysene-d12	14.17	240	264830	20.00	ng	0.00
86) Perylene-d12	15.71	264	234941	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	592189	77.42	ng	0.00
7) Phenol-d6	6.61	99	767099	77.57	ng	0.00
23) Nitrobenzene-d5	7.55	82	576399	75.94	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	201108	104.18	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1031635	77.31	ng	0.00
78) Terphenyl-d14	13.11	244	927459	87.01	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.73	163	104070	5.962	ng	# 97
73) Di-n-butylphthalate	12.07	149	80405	3.473	ng	# 95
79) Butylbenzylphthalate	13.58	149	26316	4.012	ng	# 52
83) Bis(2-ethylhexyl)phthalate	14.13	149	49722	5.289	ng	# 82

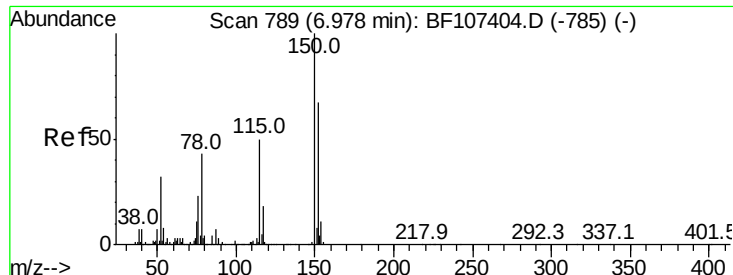
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.98 min Scan# 790

Delta R.T. -0.01 min

Lab File: BF107493.D

Acq: 19 Jul 2018 4:29

Instrument :

BNA_F

ClientSampleId :

WALL-1-161

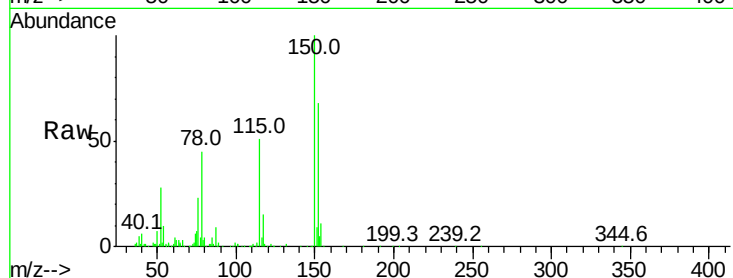
Tot Ion:152 Resp: 116173

Ion Ratio Lower Upper

152 100

150 148.1 124.6 186.8

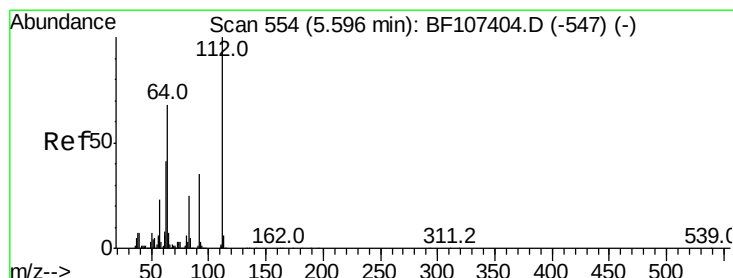
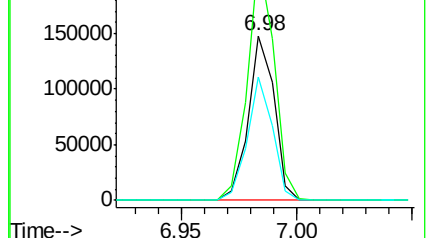
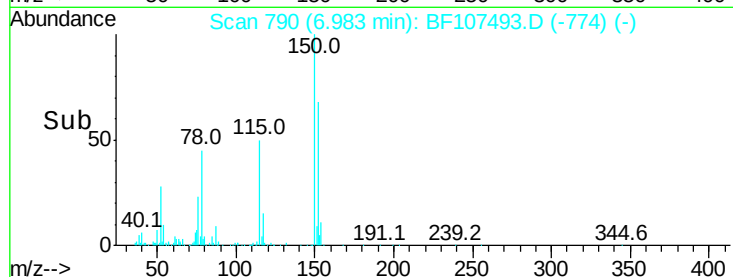
115 74.9 50.1 75.1



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: 77.418 ng

RT: 5.61 min Scan# 557

Delta R.T. -0.00 min

Lab File: BF107493.D

Acq: 19 Jul 2018 4:29

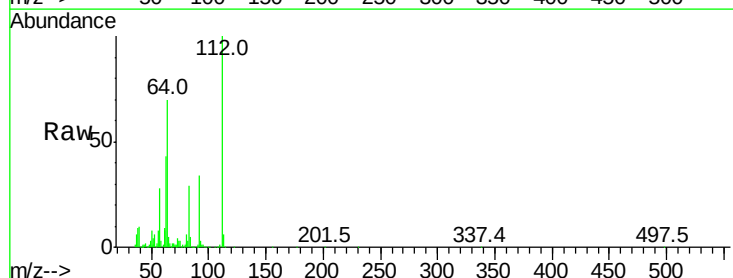
Tgt Ion:112 Resp: 592189

Ion Ratio Lower Upper

112 100

64 70.1 47.9 71.9

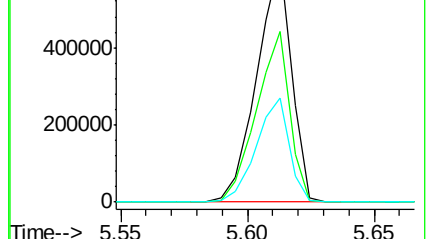
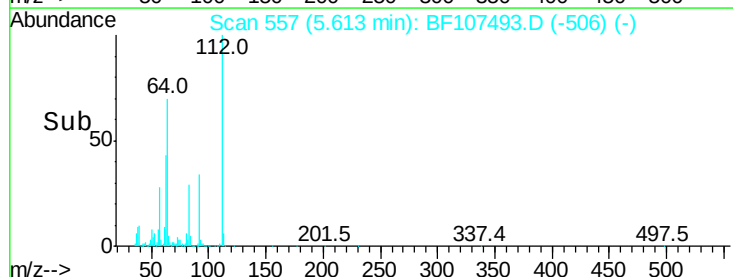
63 42.6 23.7 35.5#

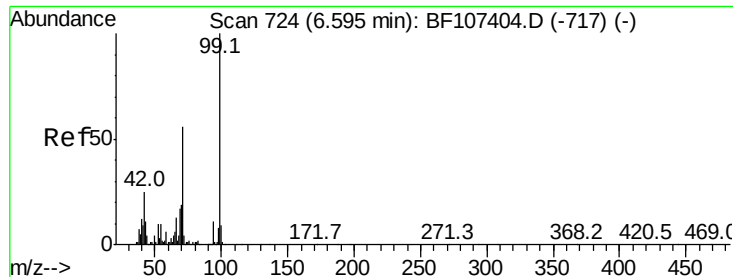


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 77.566 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF107493.D

Acq: 19 Jul 2018 4:29

Instrument :

BNA_F

ClientSampleId :

WALL-1-161

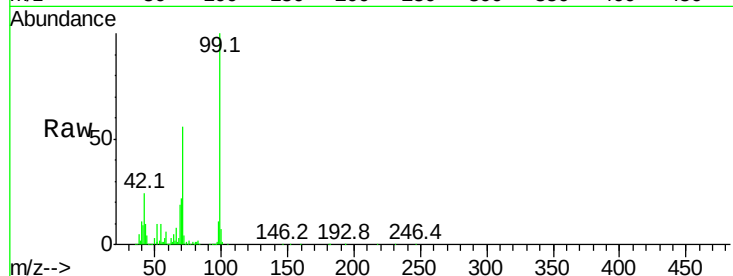
Tot Ion: 99 Resp: 767099

Ion Ratio Lower Upper

99 100

42 24.3 14.5 21.7#

71 55.9 25.4 38.0#

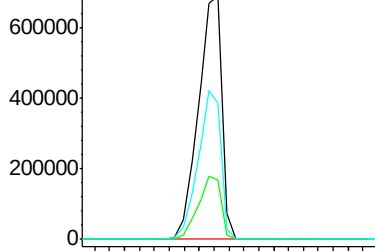


Abundance Ion 99.00 (98.70 to 99.70): BF1

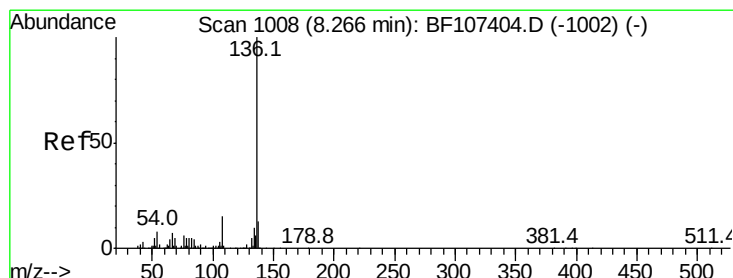
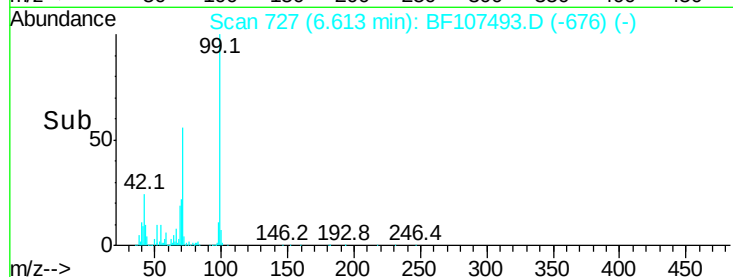
Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1

6.61



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.27 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF107493.D

Acq: 19 Jul 2018 4:29

Tgt Ion: 136 Resp: 404760

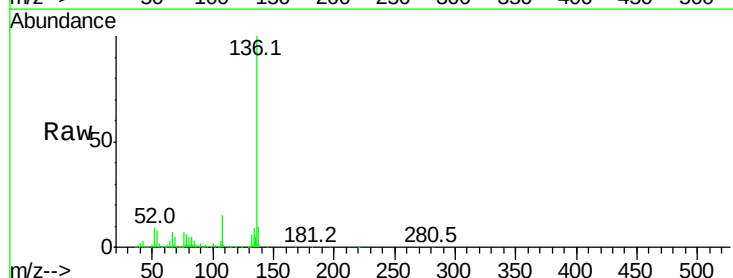
Ion Ratio Lower Upper

136 100

137 10.3 8.9 13.3

54 8.2 6.6 9.8

68 4.7 5.0 7.4#



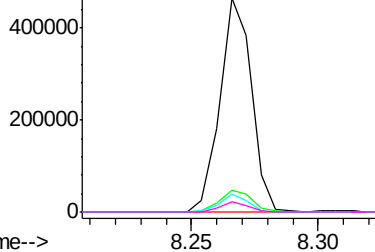
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

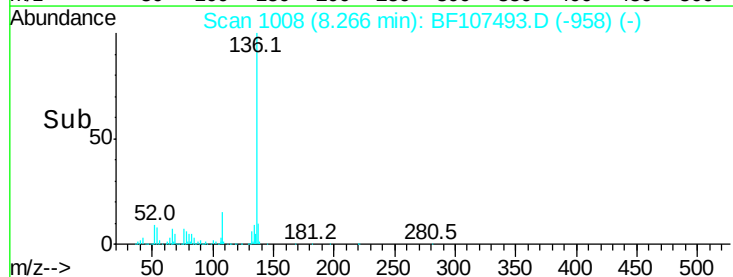
Ion 54.00 (53.70 to 54.70): BF1

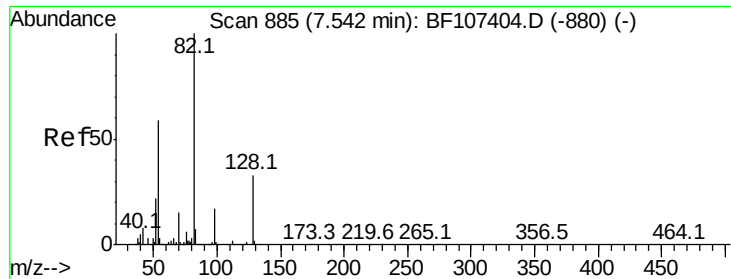
Ion 68.00 (67.70 to 68.70): BF1

8.27



Time-->

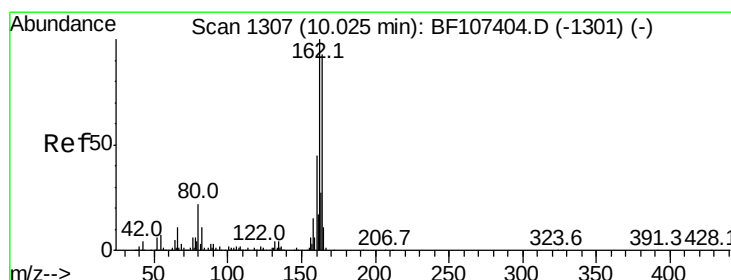
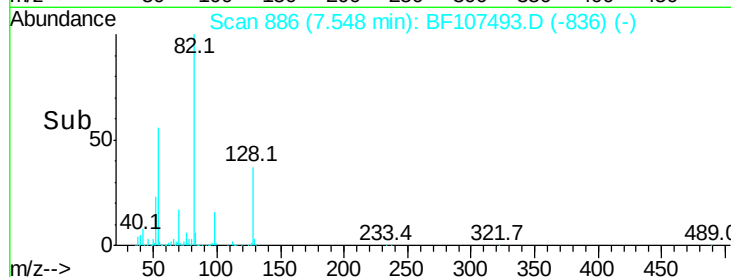
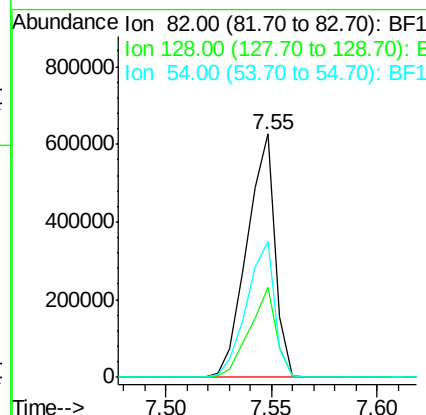
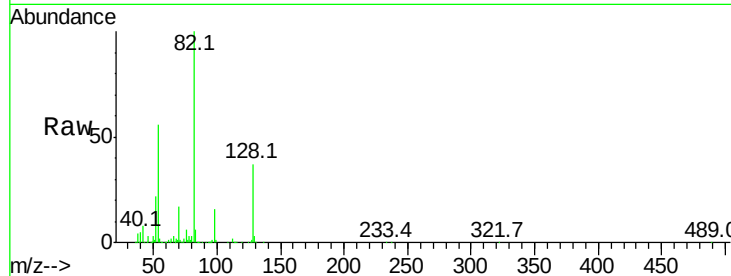




#23
 Nitrobenzene-d5
 Concen: 75.936 ng
 RT: 7.55 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BF107493.D
 Acq: 19 Jul 2018 4:29

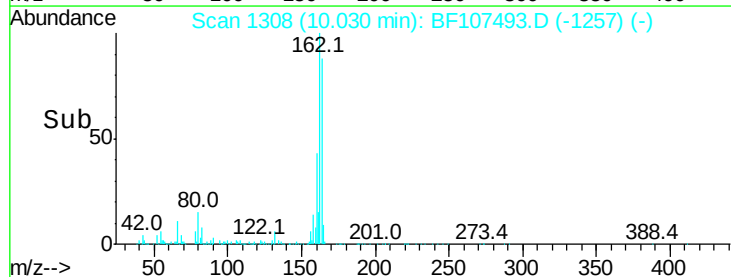
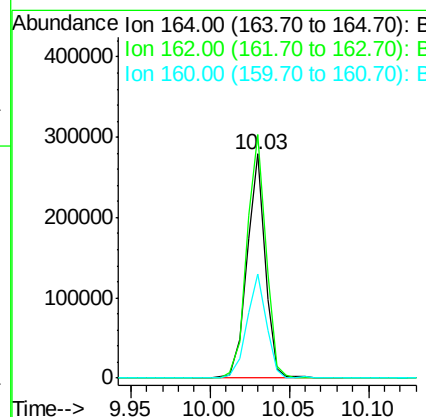
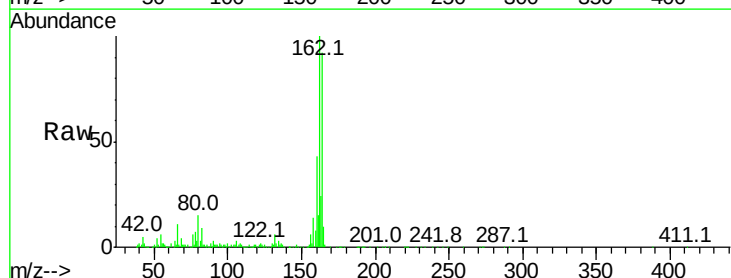
Instrument :
 BNA_F
 ClientSampleId :
 WALL-1-161

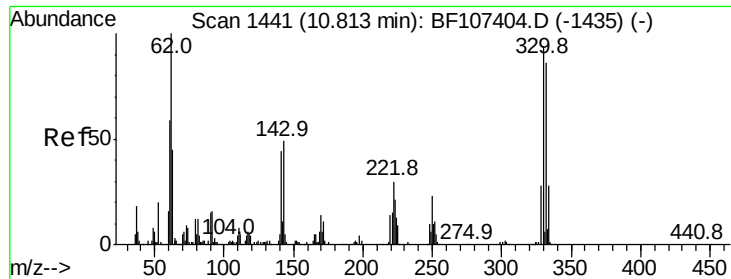
Tot Ion	82	Resp	576399
Ion Ratio	Lower	Upper	
82	100		
128	36.8	36.1	54.1
54	56.1	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.03 min Scan# 1308
 Delta R.T. -0.00 min
 Lab File: BF107493.D
 Acq: 19 Jul 2018 4:29

Tgt Ion	164	Resp	219698
Ion Ratio	Lower	Upper	
164	100		
162	108.5	86.1	129.1
160	46.3	38.3	57.5

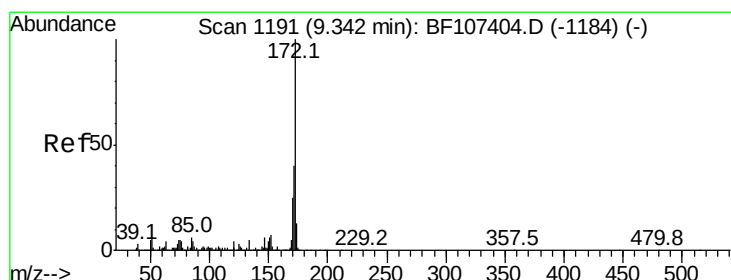
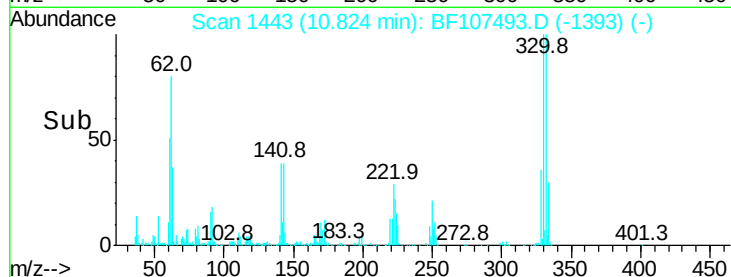
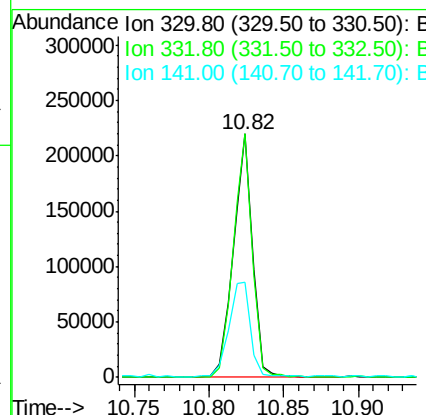
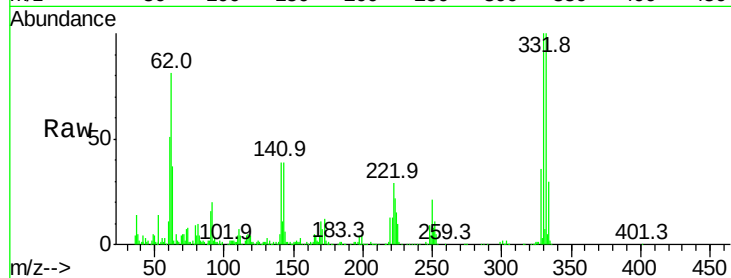




#41
 2,4,6-Tribromophenol
 Concen: 104.185 ng
 RT: 10.82 min Scan# 1443
 Delta R.T. -0.01 min
 Lab File: BF107493.D
 Acq: 19 Jul 2018 4:29

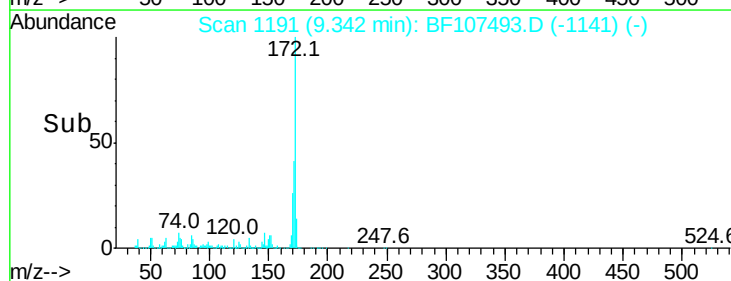
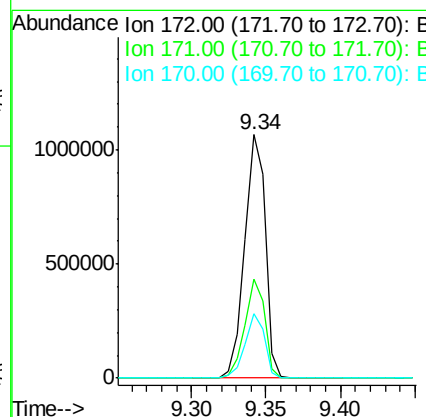
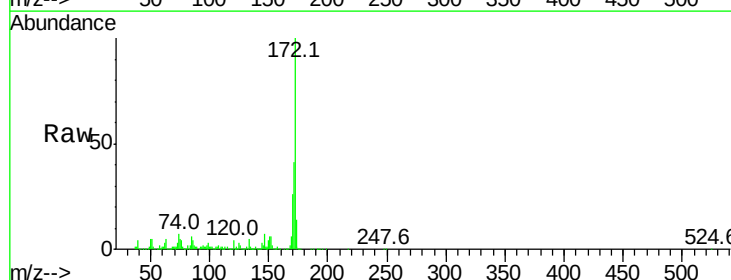
Instrument :
 BNA_F
 ClientSampled :
 WALL-1-161

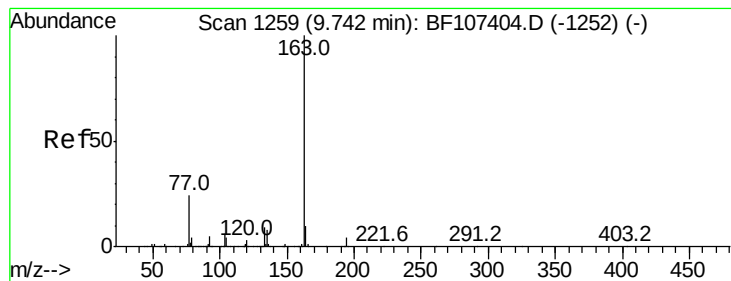
Tot Ion:330 Resp: 201108
 Ion Ratio Lower Upper
 330 100
 332 98.1 77.0 115.6
 141 44.9 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 77.313 ng
 RT: 9.34 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BF107493.D
 Acq: 19 Jul 2018 4:29

Tgt Ion:172 Resp: 1031635
 Ion Ratio Lower Upper
 172 100
 171 40.9 29.7 44.5
 170 26.2 19.6 29.4





#49

Dimethylphthalate

Concen: 5.962 ng

RT: 9.73 min Scan# 1257

Delta R.T. -0.02 min

Lab File: BF107493.D

Acq: 19 Jul 2018 4:29

Instrument :

BNA_F

ClientSampleId :

WALL-1-161

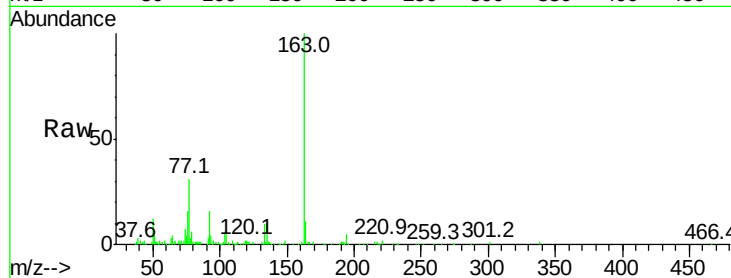
Tot Ion:163 Resp: 104070

Ion Ratio Lower Upper

163 100

194 4.9 2.7 4.1#

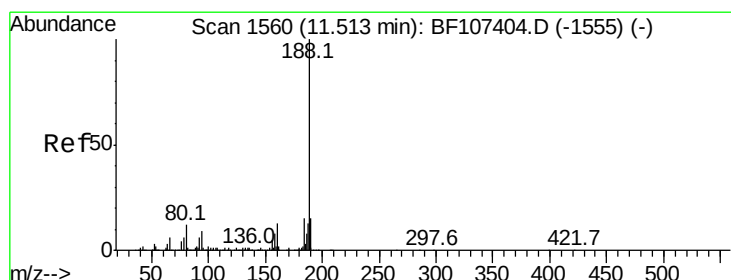
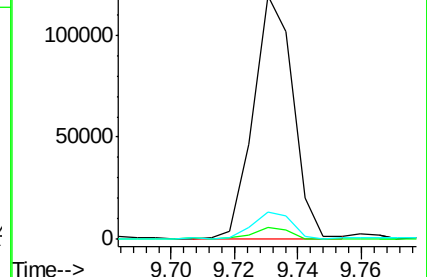
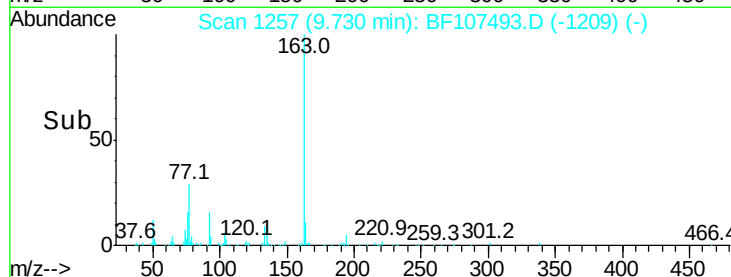
164 11.0 8.2 12.2



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.52 min Scan# 1562

Delta R.T. -0.00 min

Lab File: BF107493.D

Acq: 19 Jul 2018 4:29

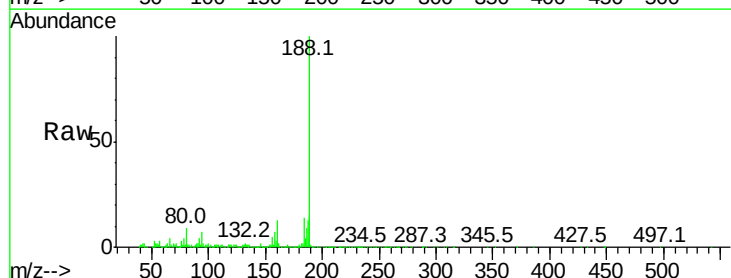
Tgt Ion:188 Resp: 428643

Ion Ratio Lower Upper

188 100

94 6.9 8.5 12.7#

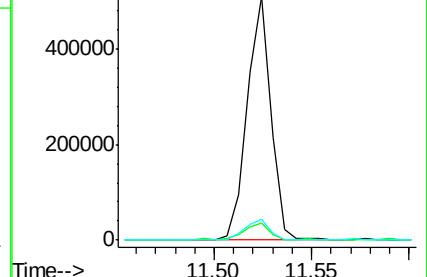
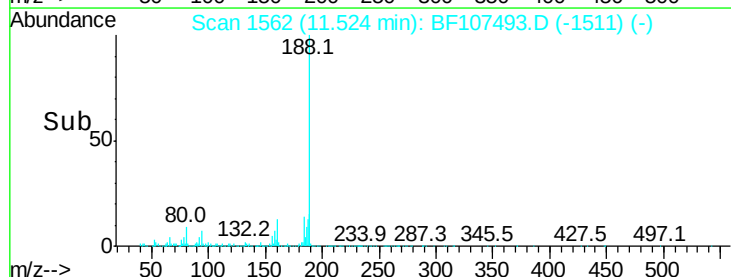
80 8.7 9.2 13.8#

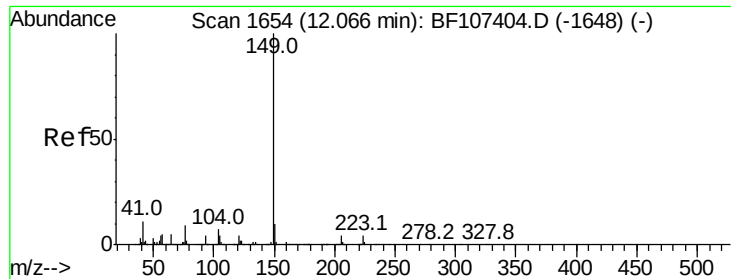


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#73

Di-n-butylphthalate

Concen: 3.473 ng

RT: 12.07 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BF107493.D

Acq: 19 Jul 2018 4:29

Instrument :

BNA_F

ClientSampleId :

WALL-1-161

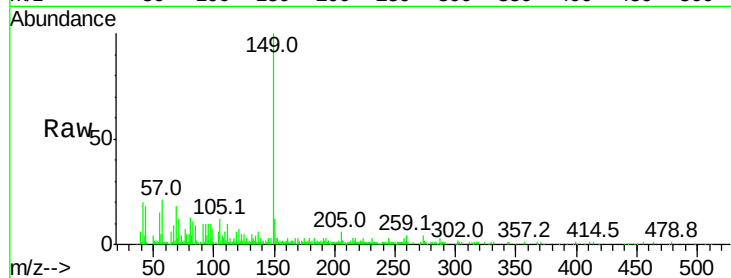
Tot Ion:149 Resp: 80405

Ion Ratio Lower Upper

149 100

150 11.8 7.8 11.6#

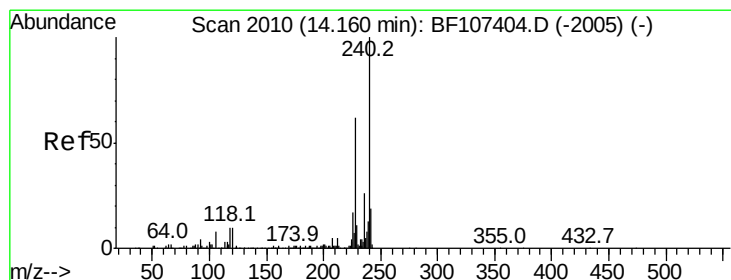
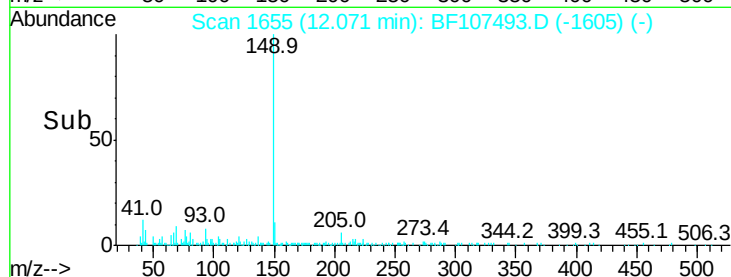
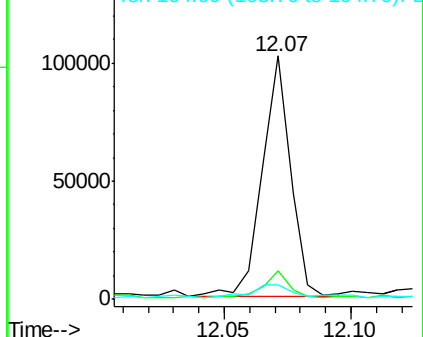
104 6.0 3.8 5.8#



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# 2012

Delta R.T. -0.01 min

Lab File: BF107493.D

Acq: 19 Jul 2018 4:29

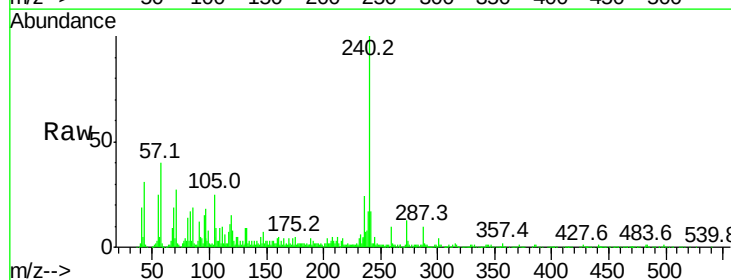
Tgt Ion:240 Resp: 264830

Ion Ratio Lower Upper

240 100

120 7.6 9.5 14.3#

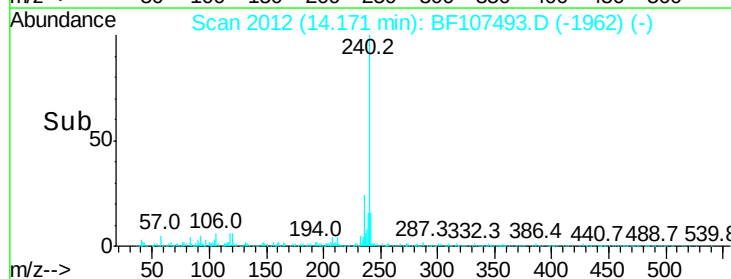
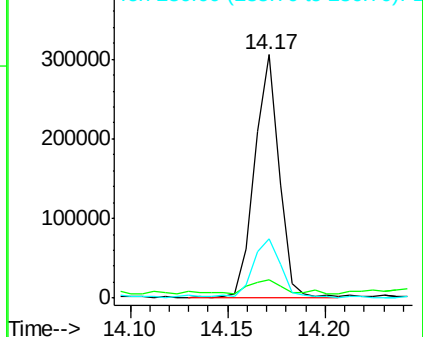
236 24.3 20.7 31.1

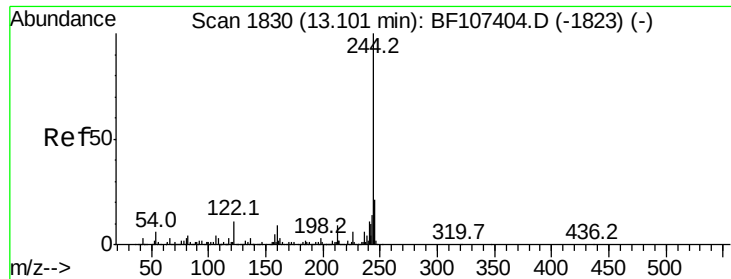


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 87.012 ng

RT: 13.11 min Scan# 1832

Delta R.T. -0.00 min

Lab File: BF107493.D

Acq: 19 Jul 2018 4:29

Instrument :

BNA_F

ClientSampleId :

WALL-1-161

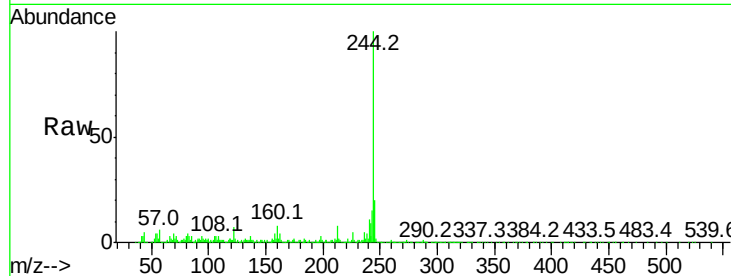
Tot Ion:244 Resp: 927459

Ion Ratio Lower Upper

244 100

212 8.4 5.4 8.0#

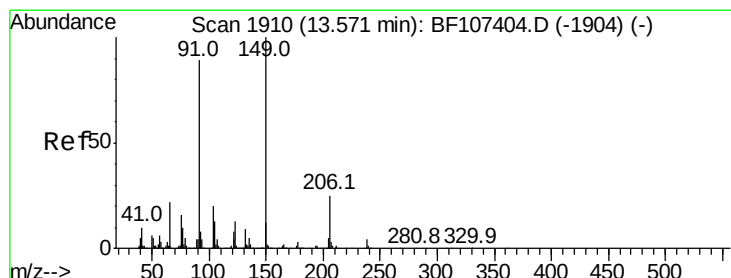
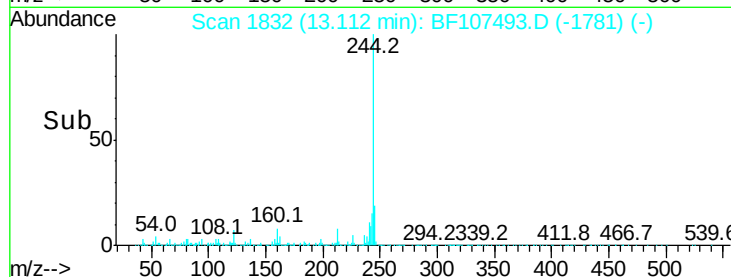
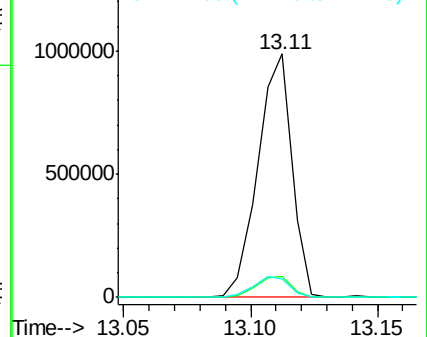
122 7.4 11.0 16.4#



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: 4.012 ng

RT: 13.58 min Scan# 1911

Delta R.T. -0.01 min

Lab File: BF107493.D

Acq: 19 Jul 2018 4:29

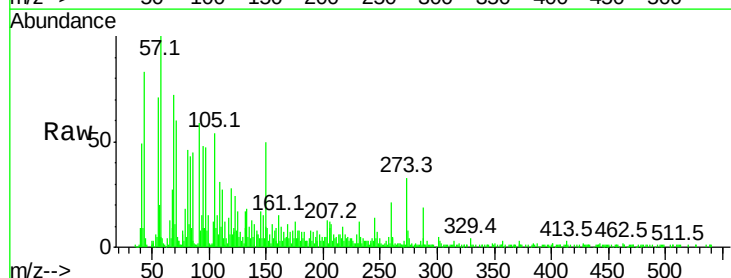
Tgt Ion:149 Resp: 26316

Ion Ratio Lower Upper

149 100

91 117.8 56.8 85.2#

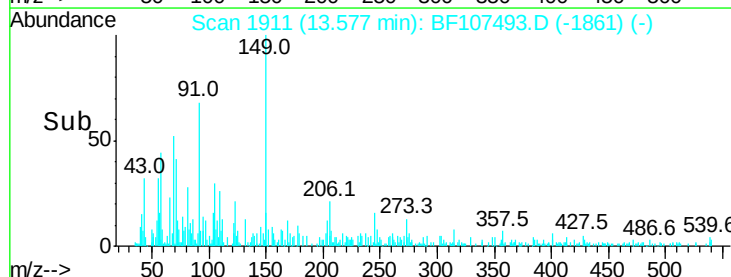
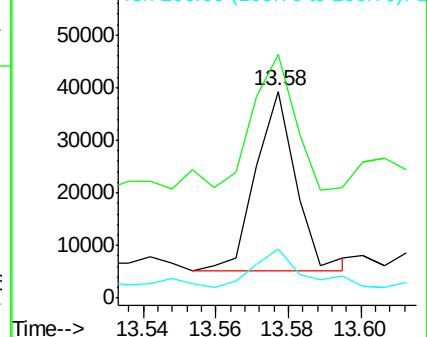
206 23.7 14.1 21.1#

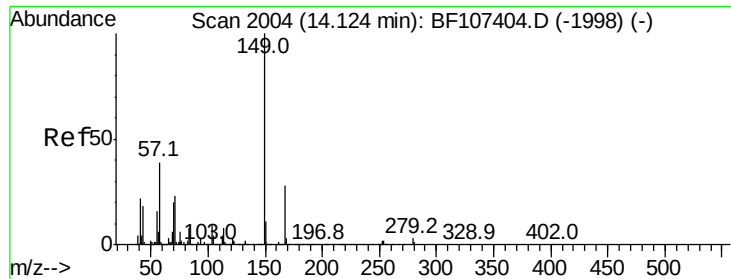


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 5.289 ng

RT: 14.13 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BF107493.D

Acq: 19 Jul 2018 4:29

Instrument :

BNA_F

ClientSampleId :

WALL-1-161

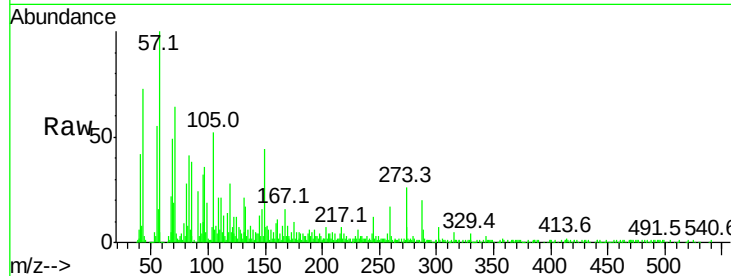
Tot Ion:149 Resp: 49722

Ion Ratio Lower Upper

149 100

167 36.2 21.3 31.9#

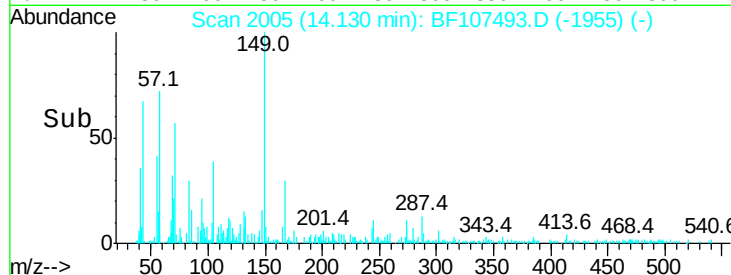
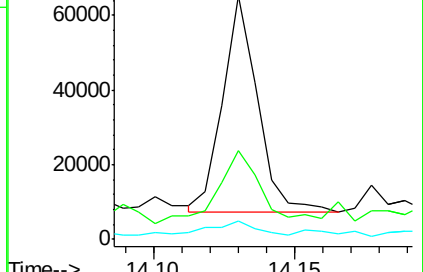
279 7.8 3.0 4.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.71 min Scan# 2274

Delta R.T. -0.00 min

Lab File: BF107493.D

Acq: 19 Jul 2018 4:29

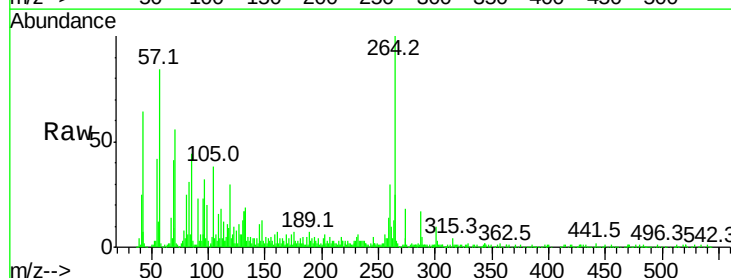
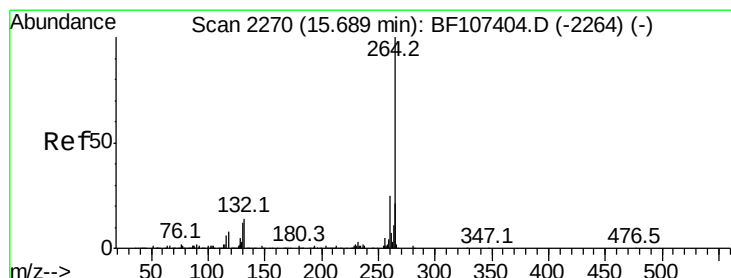
Tgt Ion:264 Resp: 234941

Ion Ratio Lower Upper

264 100

260 29.6 19.2 28.8#

265 24.5 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

