

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071818\
 Data File : BF107500.D
 Acq On : 19 Jul 2018 7:36
 Operator : JU/SJ
 Sample : J4027-08
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WALL-2-159

Quant Time: Jul 19 08:25:57 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

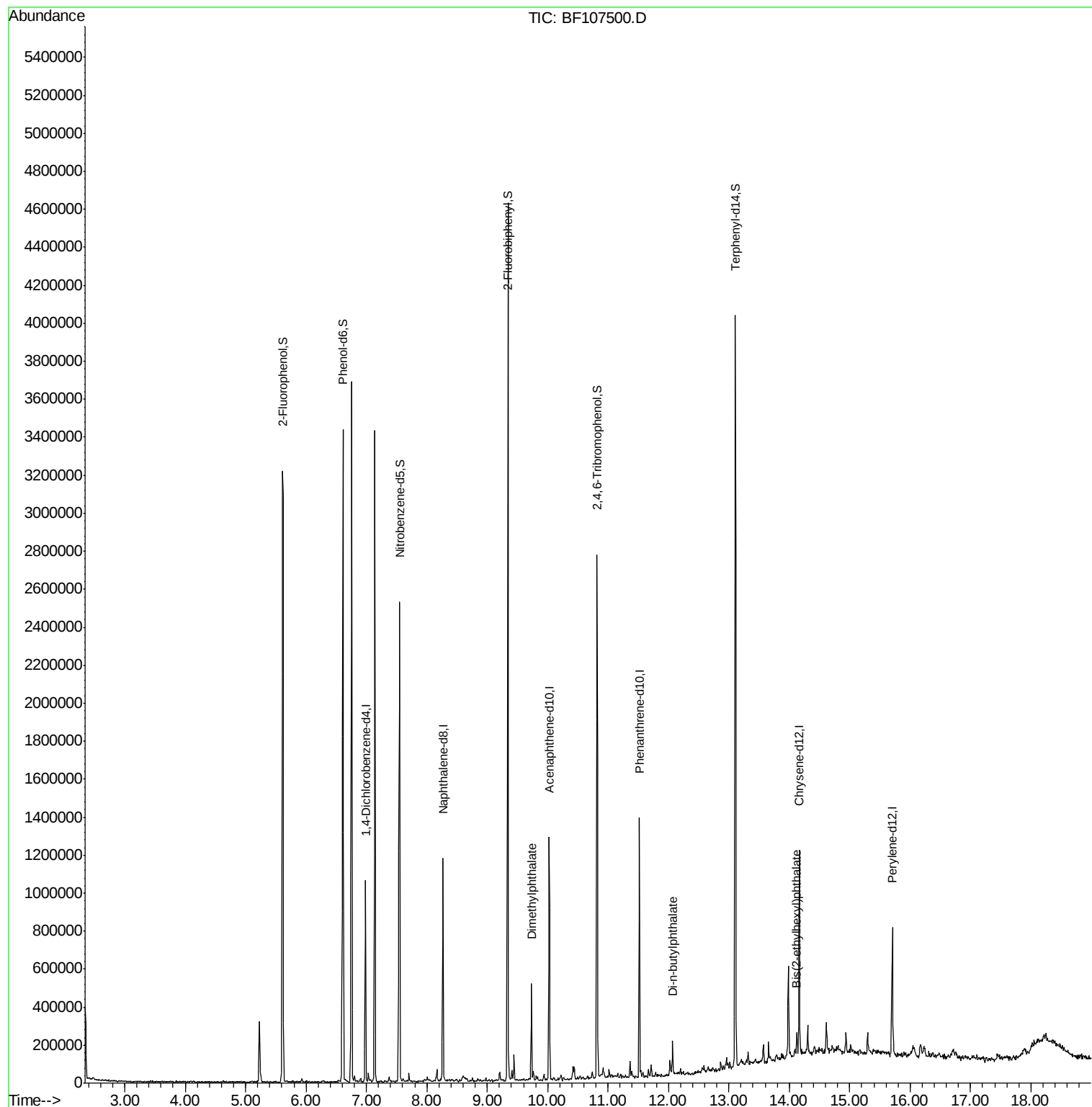
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	120496	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	423655	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	219818	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	408710	20.00	ng	0.00
75) Chrysene-d12	14.17	240	324748	20.00	ng	-0.01
86) Perylene-d12	15.71	264	298057	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	802828	101.19	ng	0.00
7) Phenol-d6	6.61	99	1036671	101.06	ng	0.00
23) Nitrobenzene-d5	7.55	82	802594	101.02	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	235831	122.11	ng	-0.01
44) 2-Fluorobiphenyl	9.34	172	1341341	104.19	ng	0.00
78) Terphenyl-d14	13.11	244	1263011	96.63	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.73	163	146455	8.385	ng	99
73) Di-n-butylphthalate	12.07	149	70346	3.187	ng	# 97
83) Bis(2-ethylhexyl)phthalate	14.12	149	32024	2.778	ng	# 85

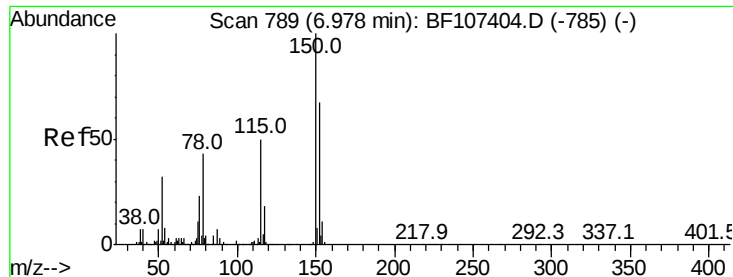
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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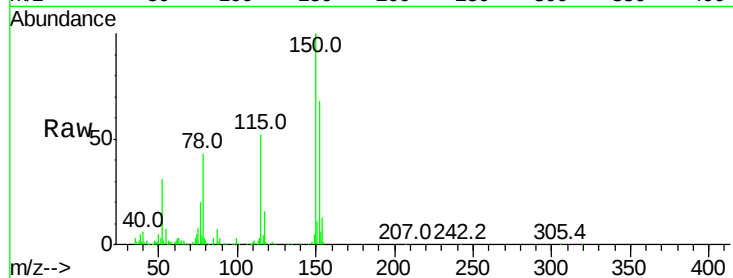


#1

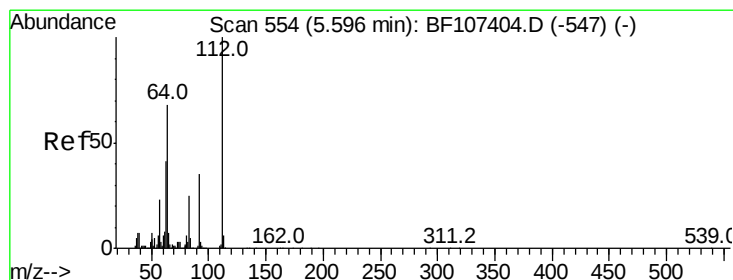
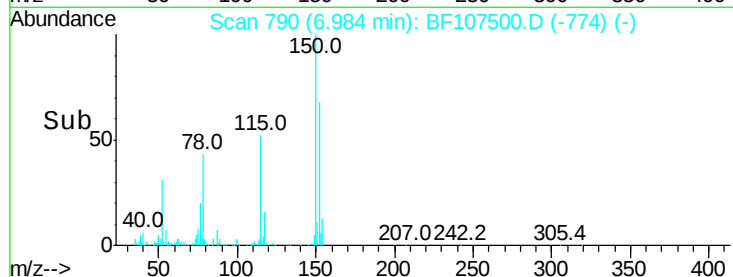
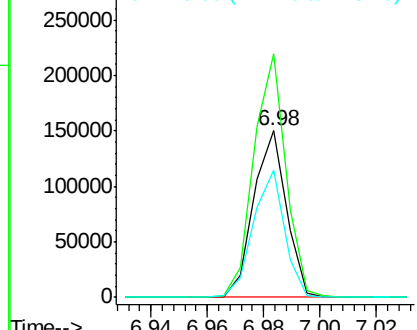
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF107500.D
Acq: 19 Jul 2018 7:36

Instrument :
BNA_F
ClientSampleId :
WALL-2-159

Tot Ion	Ratio	Lower	Upper
152	100		
150	146.2	124.6	186.8
115	76.5	50.1	75.1#



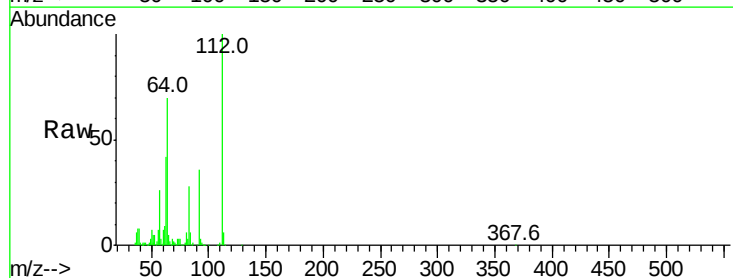
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



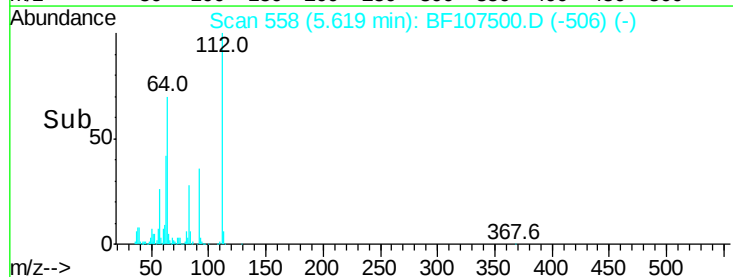
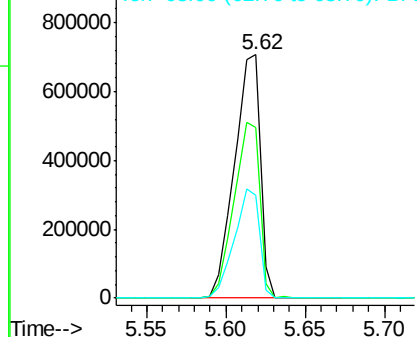
#5

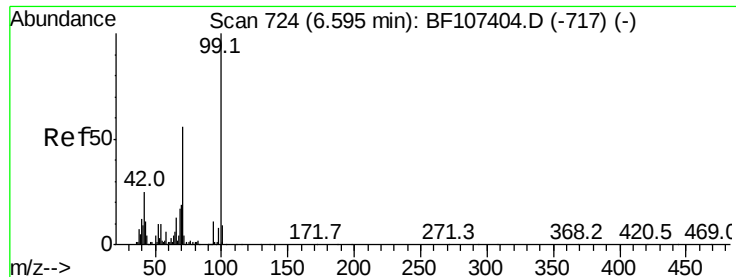
2-Fluorophenol
Concen: 101.189 ng
RT: 5.62 min Scan# 558
Delta R.T. 0.01 min
Lab File: BF107500.D
Acq: 19 Jul 2018 7:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.1	47.9	71.9
63	42.3	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: 101.063 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF107500.D

Acq: 19 Jul 2018 7:36

Instrument :

BNA_F

ClientSampleId :

WALL-2-159

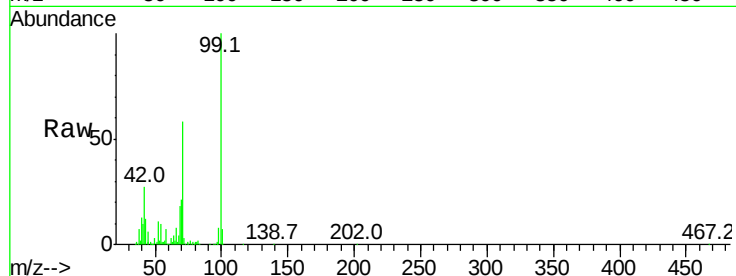
Tot Ion: 99 Resp: 1036671

Ion Ratio Lower Upper

99 100

42 27.2 14.5 21.7#

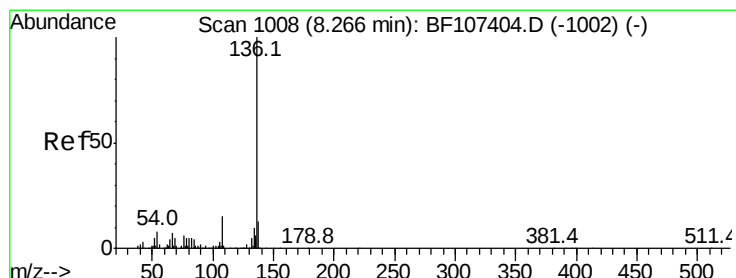
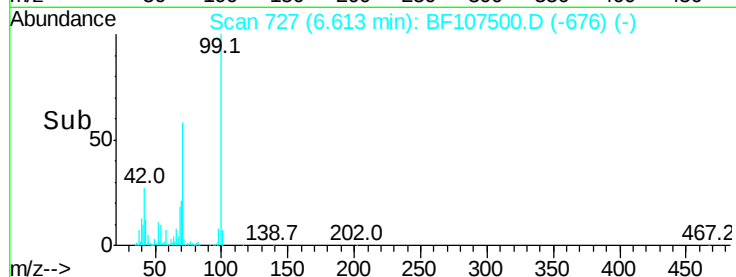
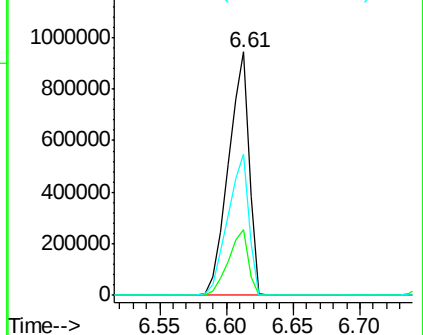
71 58.0 25.4 38.0#



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: 8.27 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF107500.D

Acq: 19 Jul 2018 7:36

Tgt Ion: 136 Resp: 423655

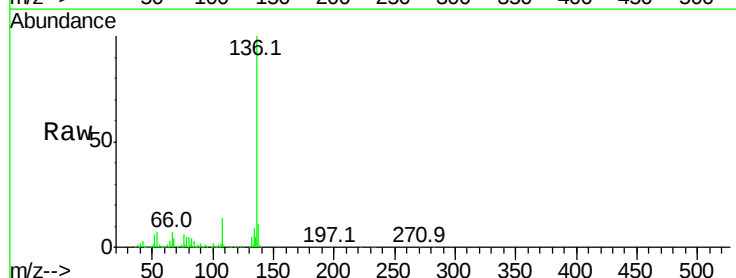
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.7 6.6 9.8

68 4.3 5.0 7.4#

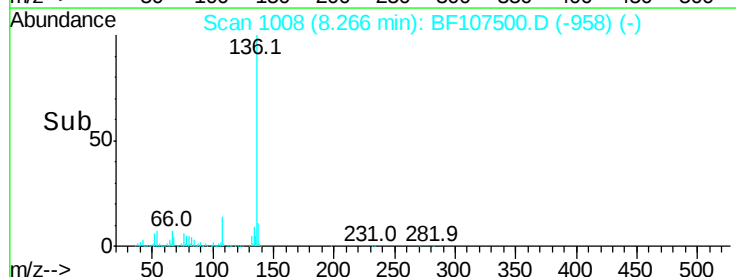
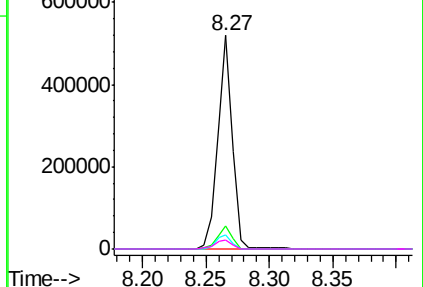


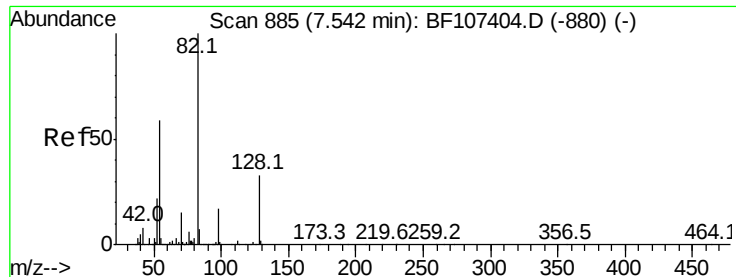
Abundance Ion 136.00 (135.70 to 136.70): E

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: 101.020 ng

RT: 7.55 min Scan# 886

Delta R.T. -0.01 min

Lab File: BF107500.D

Acq: 19 Jul 2018 7:36

Instrument :

BNA_F

ClientSampleId :

WALL-2-159

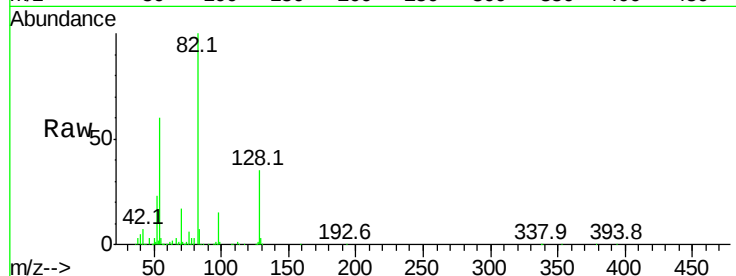
Tot Ion: 82 Resp: 802594

Ion Ratio Lower Upper

82 100

128 34.9 36.1 54.1#

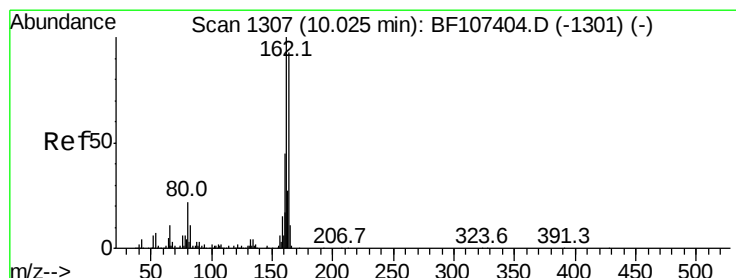
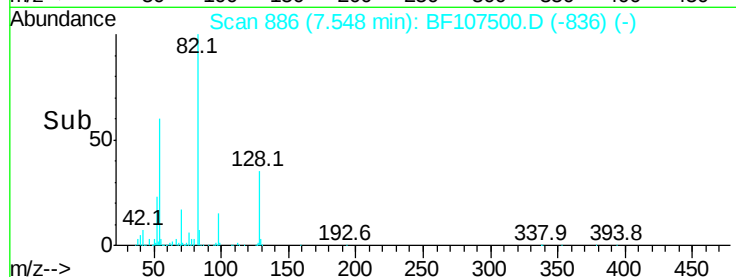
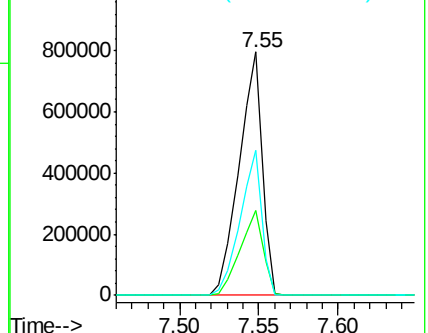
54 59.7 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.02 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF107500.D

Acq: 19 Jul 2018 7:36

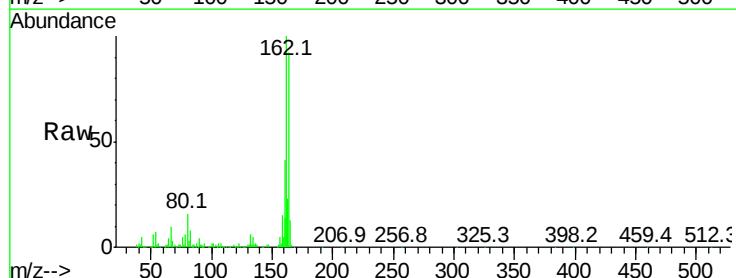
Tgt Ion:164 Resp: 219818

Ion Ratio Lower Upper

164 100

162 108.3 86.1 129.1

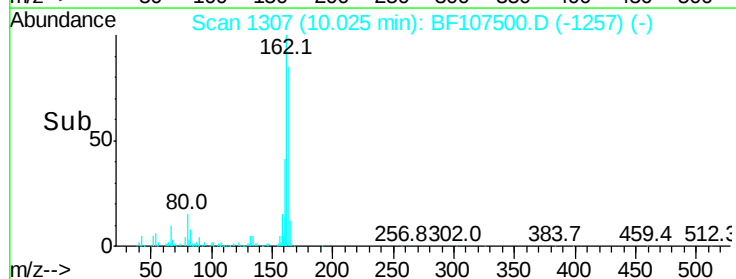
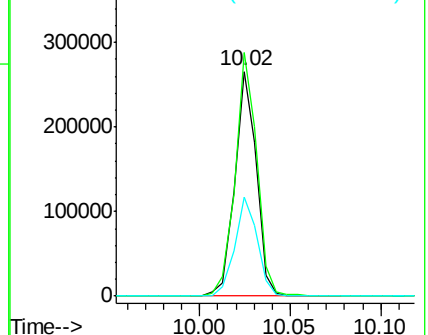
160 43.9 38.3 57.5

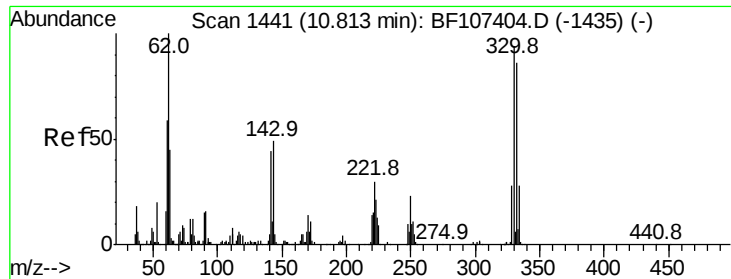


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 122.106 ng

RT: 10.82 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BF107500.D

Acq: 19 Jul 2018 7:36

Instrument :

BNA_F

ClientSampleId :

WALL-2-159

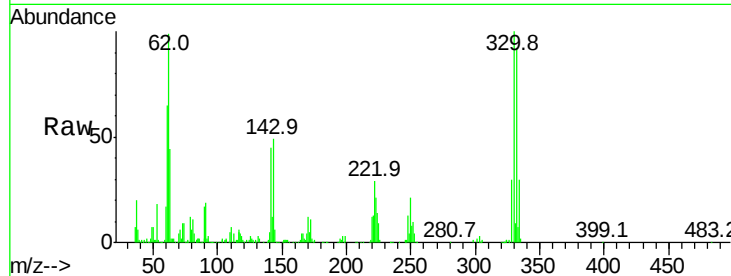
Tot Ion:330 Resp: 235831

Ion Ratio Lower Upper

330 100

332 97.9 77.0 115.6

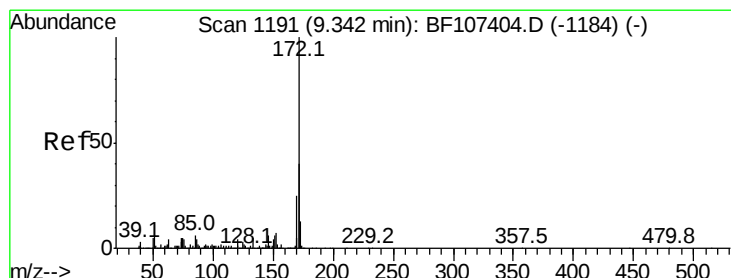
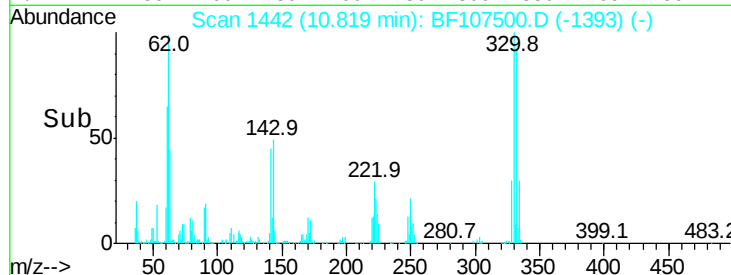
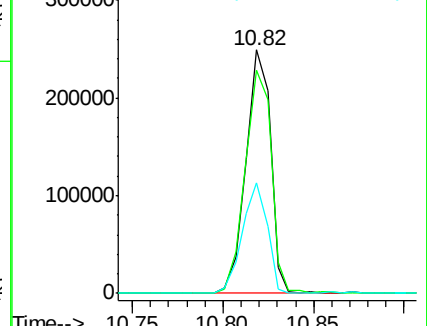
141 46.3 29.9 44.9#



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: 104.189 ng

RT: 9.34 min Scan# 1191

Delta R.T. -0.01 min

Lab File: BF107500.D

Acq: 19 Jul 2018 7:36

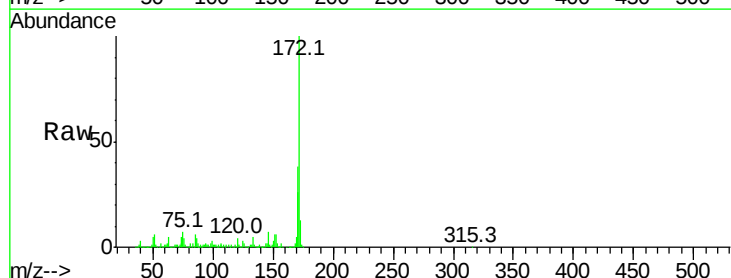
Tgt Ion:172 Resp: 1341341

Ion Ratio Lower Upper

172 100

171 38.4 29.7 44.5

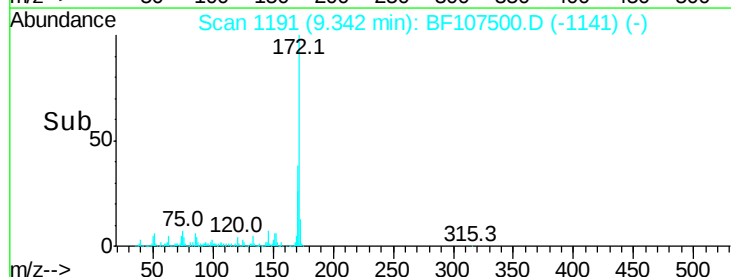
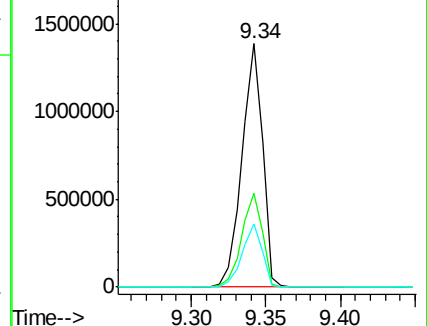
170 26.2 19.6 29.4

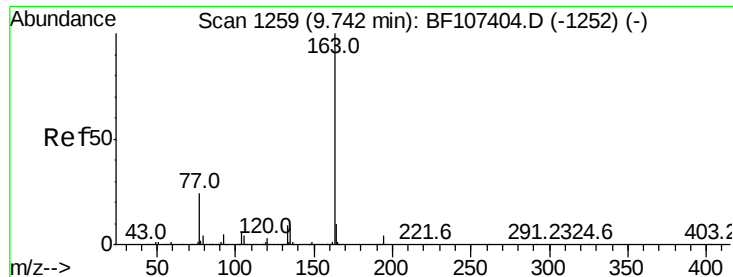


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

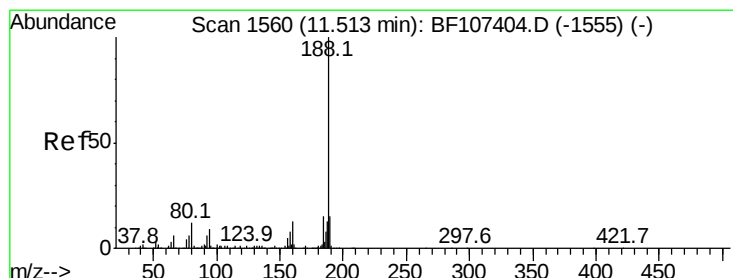
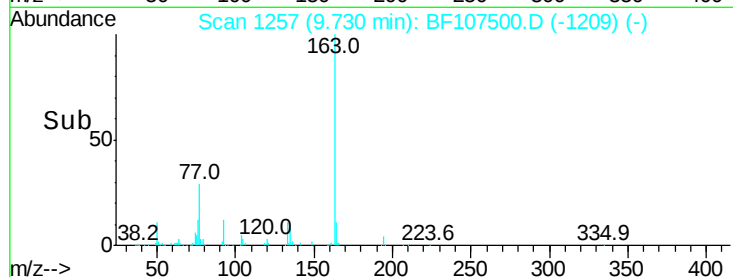
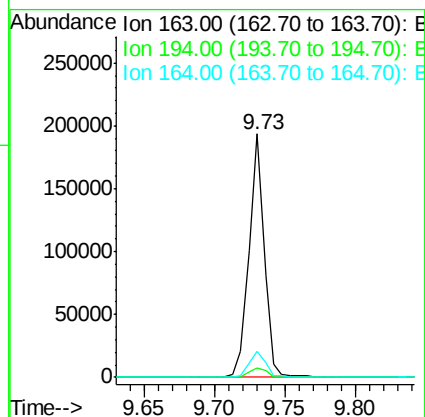
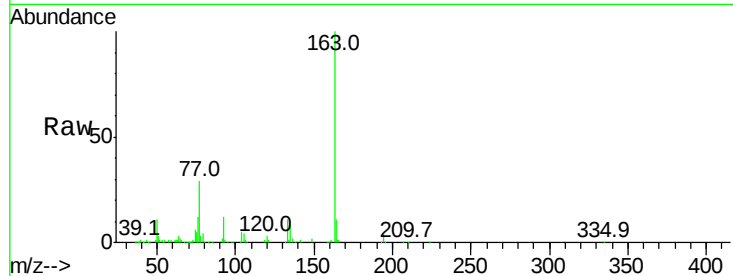




#49
Dimethylphthalate
Concen: 8.385 ng
RT: 9.73 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF107500.D
Acq: 19 Jul 2018 7:36

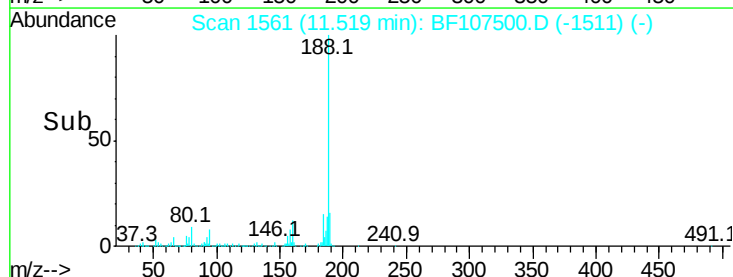
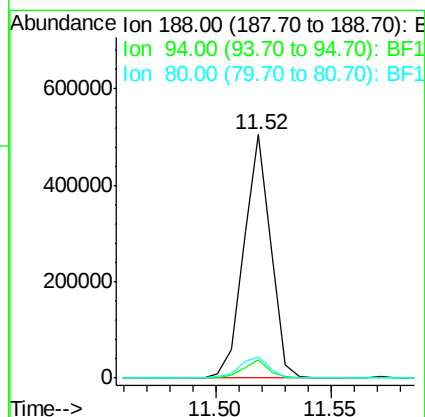
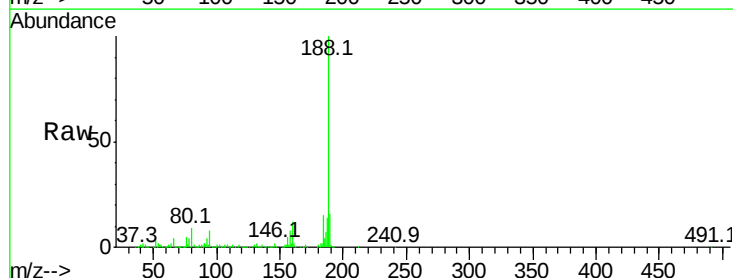
Instrument :
BNA_F
ClientSampleId :
WALL-2-159

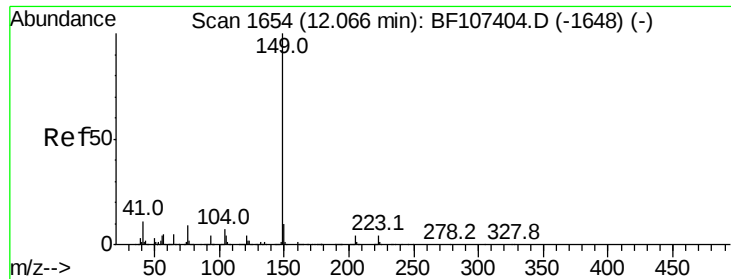
Tot Ion:163 Resp: 146455
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.5 8.2 12.2



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.52 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF107500.D
Acq: 19 Jul 2018 7:36

Tgt Ion:188 Resp: 408710
Ion Ratio Lower Upper
188 100
94 7.6 8.5 12.7#
80 8.8 9.2 13.8#





#73

Di-n-butylphthalate

Concen: 3.187 ng

RT: 12.07 min Scan# 1654

Delta R.T. -0.01 min

Lab File: BF107500.D

Acq: 19 Jul 2018 7:36

Instrument :

BNA_F

ClientSampleId :

WALL-2-159

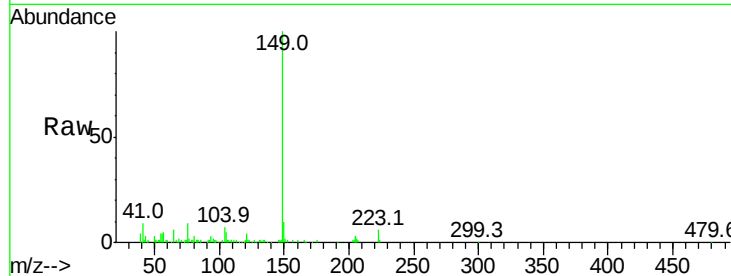
Tot Ion:149 Resp: 70346

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

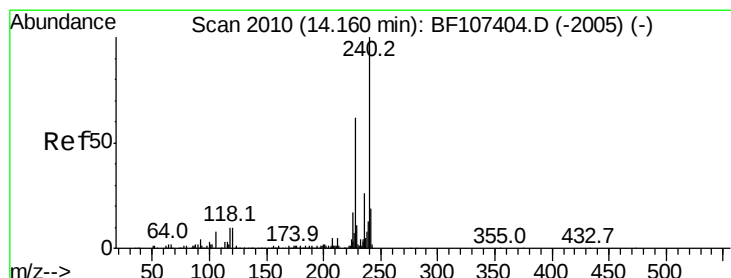
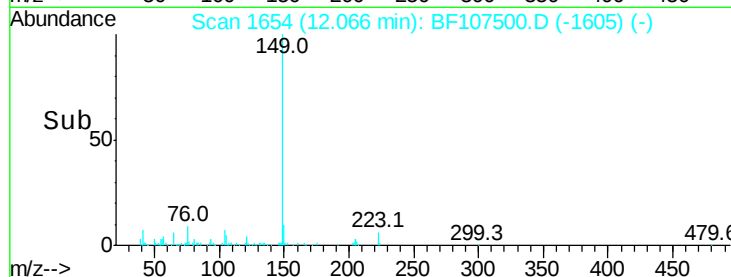
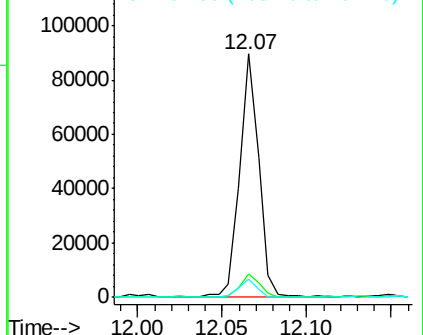
104 7.4 3.8 5.8#



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: BF107500.D

Acq: 19 Jul 2018 7:36

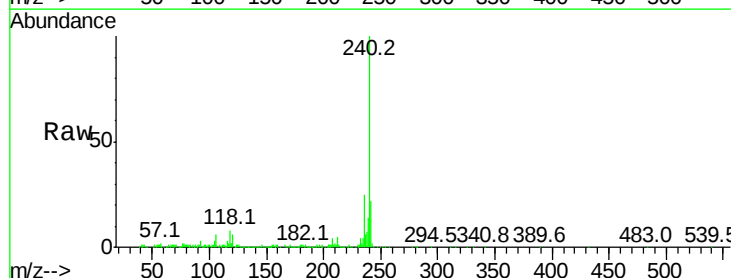
Tgt Ion:240 Resp: 324748

Ion Ratio Lower Upper

240 100

120 5.6 9.5 14.3#

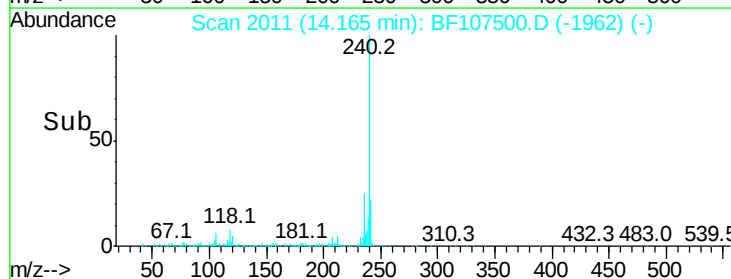
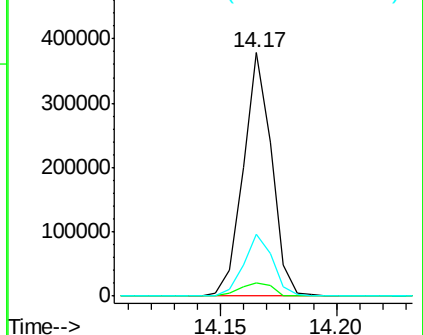
236 25.2 20.7 31.1

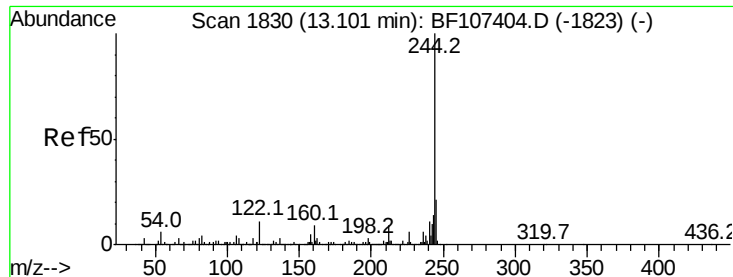


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 96.630 ng

RT: 13.11 min Scan# 1831

Delta R.T. -0.01 min

Lab File: BF107500.D

Acq: 19 Jul 2018 7:36

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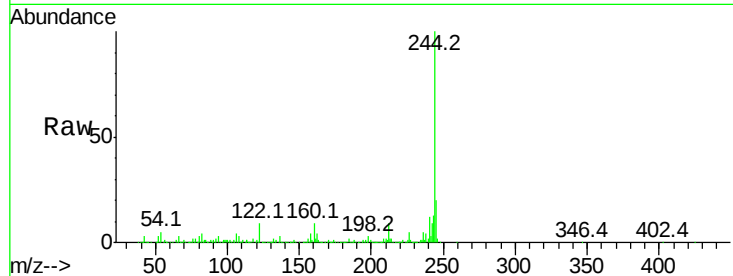
Tot Ion:244 Resp: 1263011

Ion Ratio Lower Upper

244 100

212 8.7 5.4 8.0#

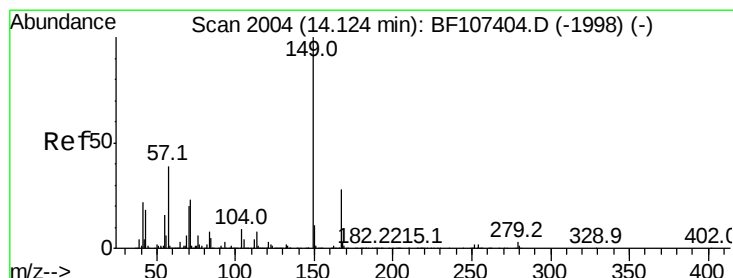
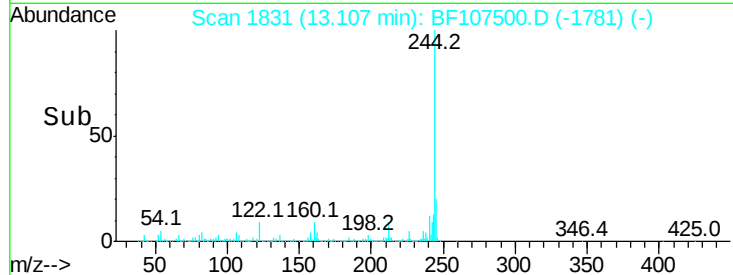
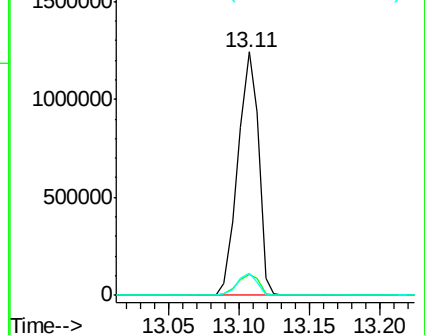
122 8.9 11.0 16.4#



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.778 ng

RT: 14.12 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF107500.D

Acq: 19 Jul 2018 7:36

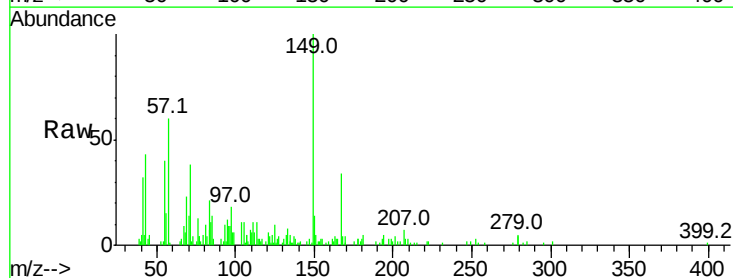
Tgt Ion:149 Resp: 32024

Ion Ratio Lower Upper

149 100

167 34.0 21.3 31.9#

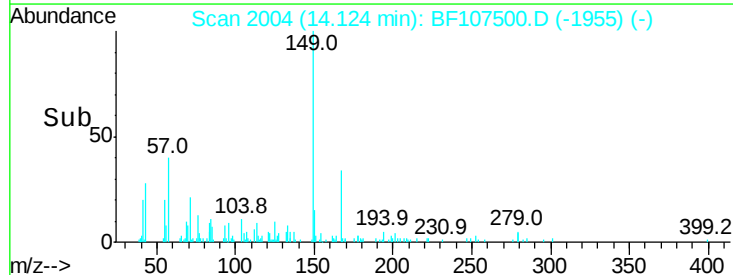
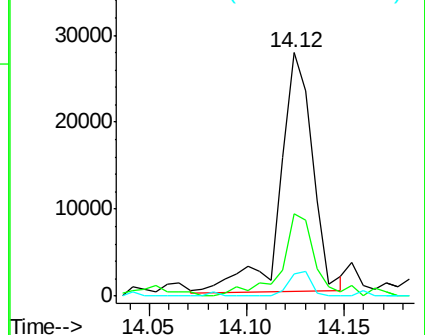
279 9.1 3.0 4.4#

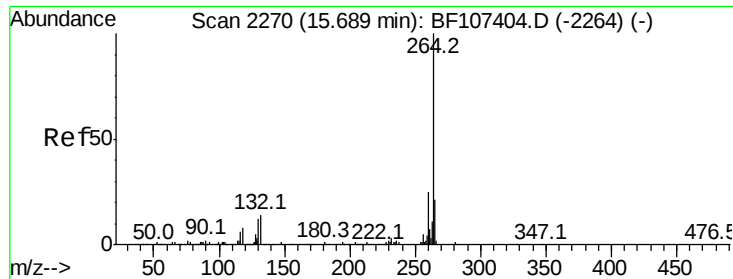


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.71 min Scan# 2273
Delta R.T. -0.01 min
Lab File: BF107500.D
Acq: 19 Jul 2018 7:36

Instrument :
BNA_F
ClientSampleId :
WALL-2-159

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.2	28.8
265	19.1	17.5	26.3

