

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071818\
 Data File : BF107499.D
 Acq On : 19 Jul 2018 7:09
 Operator : JU/SJ
 Sample : J4027-07
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WALL-3-159

Quant Time: Jul 19 08:24:21 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

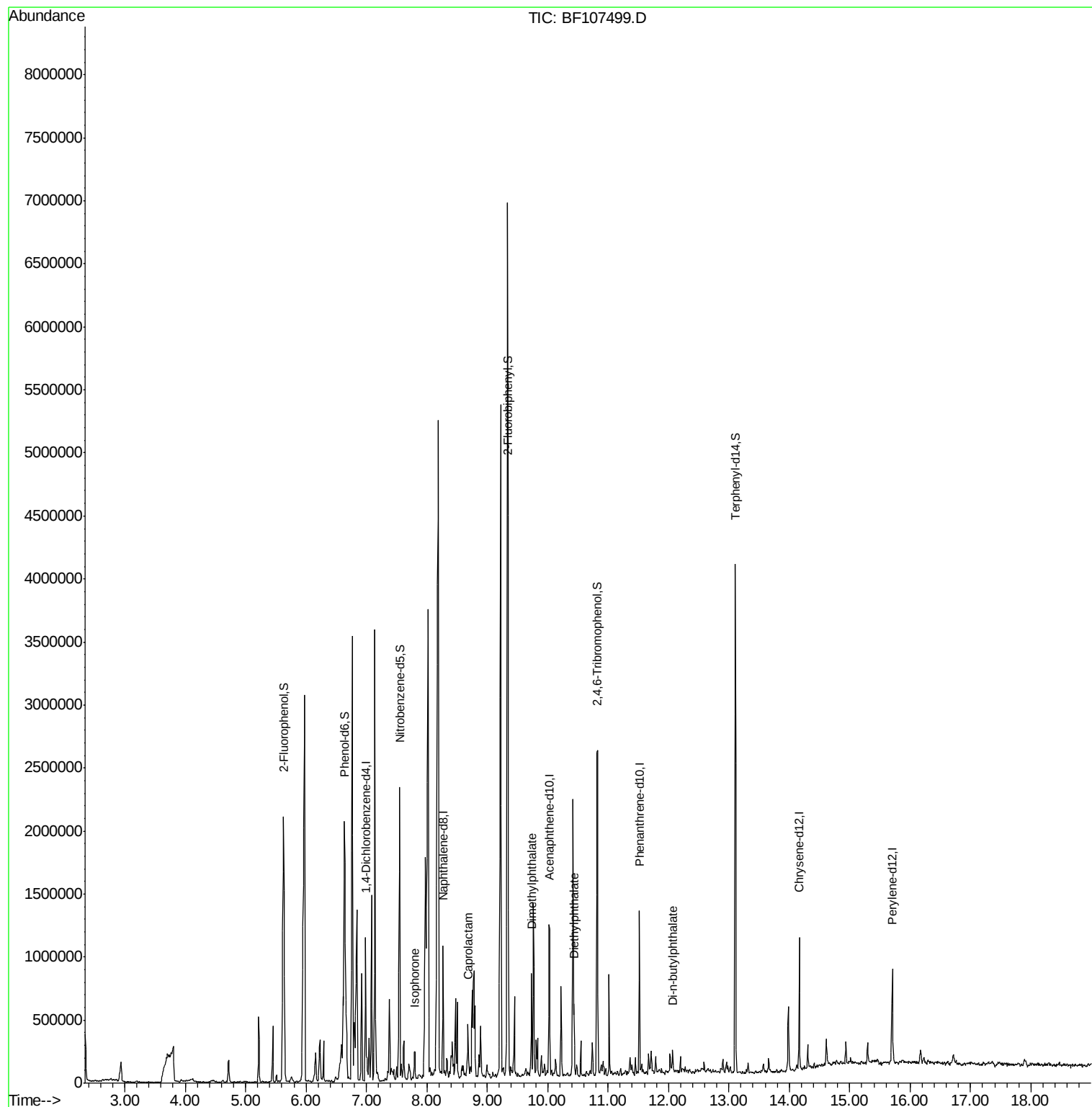
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	119333	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	423266	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	215775	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	409091	20.00	ng	0.00
75) Chrysene-d12	14.17	240	323017	20.00	ng	-0.01
86) Perylene-d12	15.71	264	290661	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	901404	114.72	ng	0.02
7) Phenol-d6	6.64	99	1193873	117.52	ng	0.02
23) Nitrobenzene-d5	7.55	82	815093	102.69	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	241471	127.37	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	1263694	99.50	ng	0.00
78) Terphenyl-d14	13.11	244	1240802	95.44	ng	0.00
Target Compounds						
25) Isophorone	7.80	82	68637	4.363	ng	Qvalue # 84
35) Caprolactam	8.68	113	40240	18.800	ng	92
49) Dimethylphthalate	9.73	163	269804	15.737	ng	99
59) Diethylphthalate	10.44	149	134036	8.047	ng	# 90
73) Di-n-butylphthalate	12.07	149	74411	3.368	ng	# 97

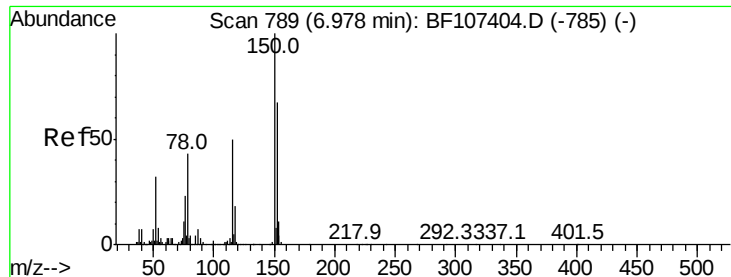
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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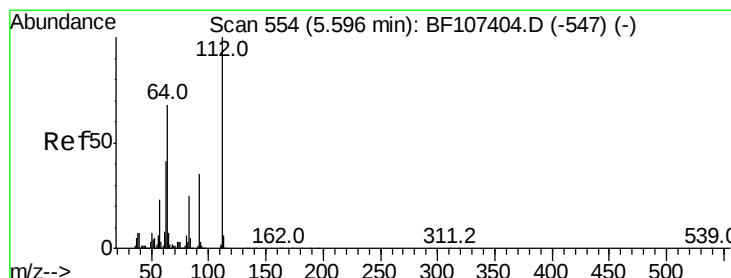
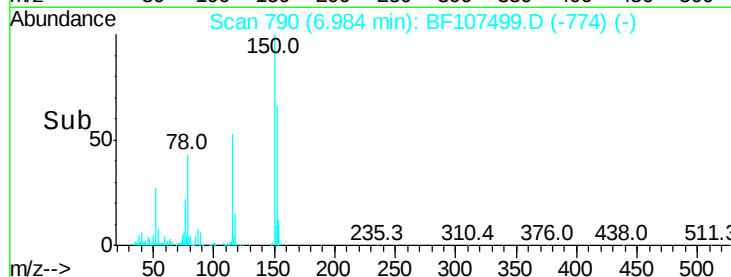
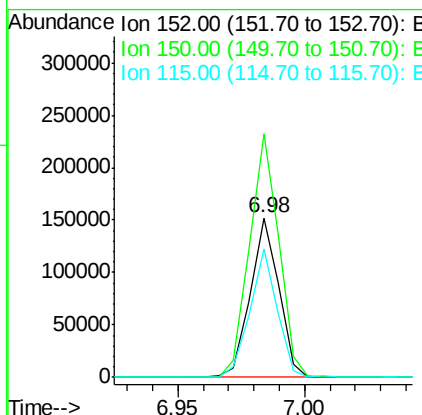
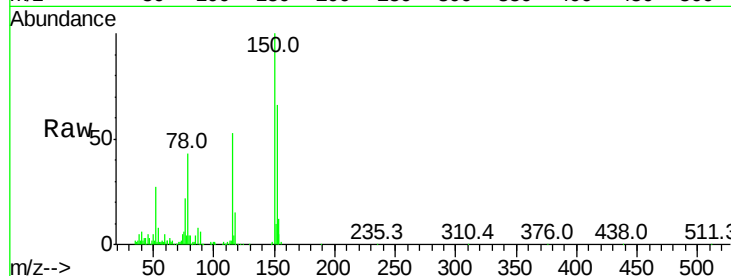


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF107499.D
Acq: 19 Jul 2018 7:09

Instrument :
BNA_F
ClientSampleId :
WALL-3-159

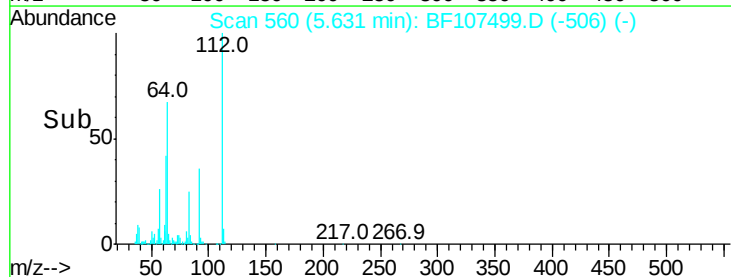
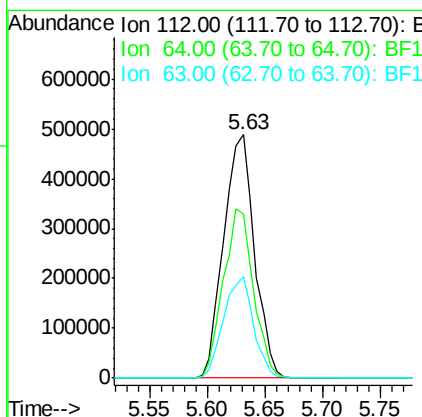
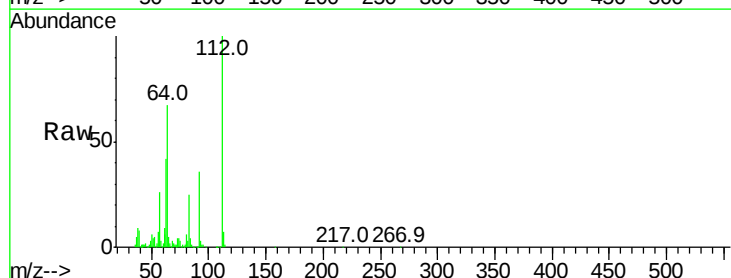
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.4	124.6	186.8
115	80.3	50.1	75.1

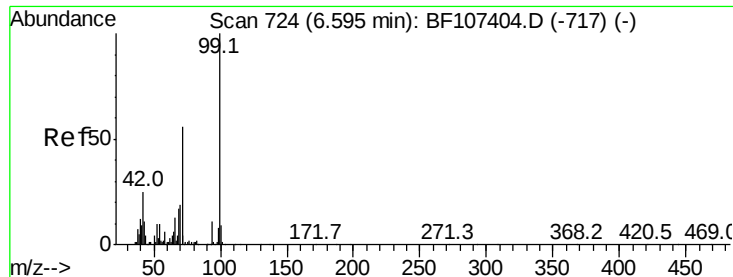


#5

2-Fluorophenol
Concen: 114.721 ng
RT: 5.63 min Scan# 560
Delta R.T. 0.02 min
Lab File: BF107499.D
Acq: 19 Jul 2018 7:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.3	47.9	71.9
63	41.6	23.7	35.5





#7

Phenol-d6

Concen: 117.523 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.02 min

Lab File: BF107499.D

Acq: 19 Jul 2018 7:09

Instrument :

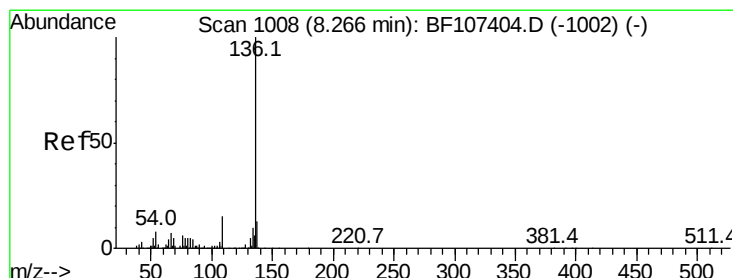
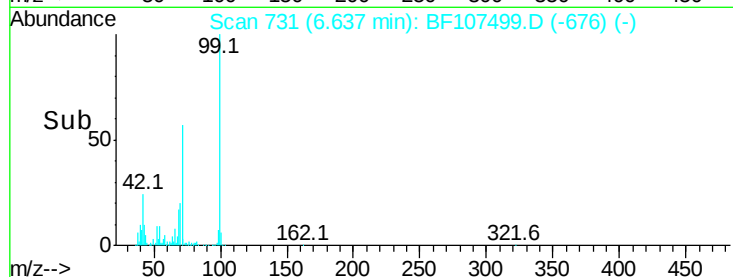
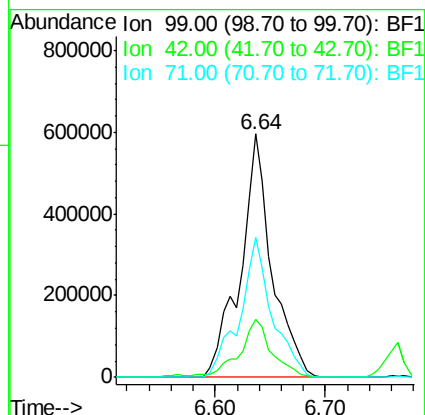
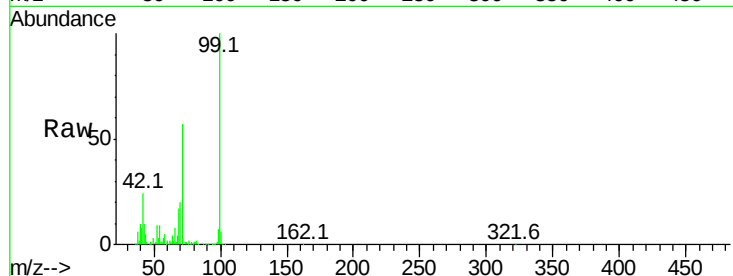
BNA_F

ClientSampleId :

WALL-3-159

Tot Ion: 99 Resp: 1193873

Ion	Ratio	Lower	Upper
99	100		
42	23.6	14.5	21.7#
71	57.2	25.4	38.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.27 min Scan# 1009

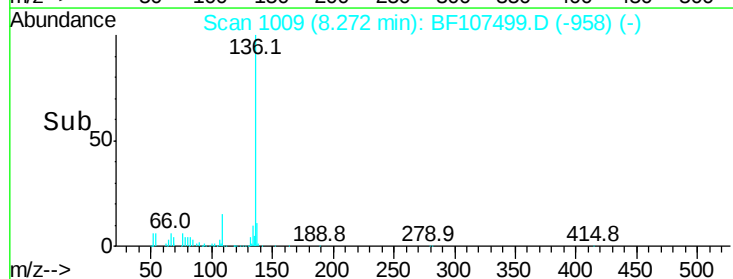
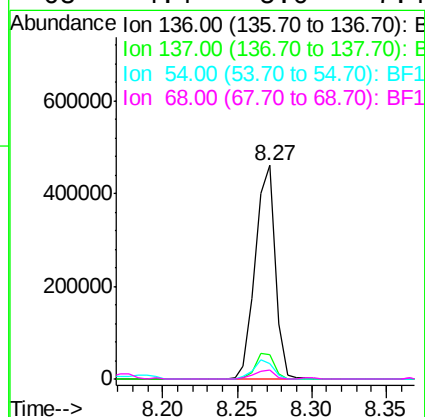
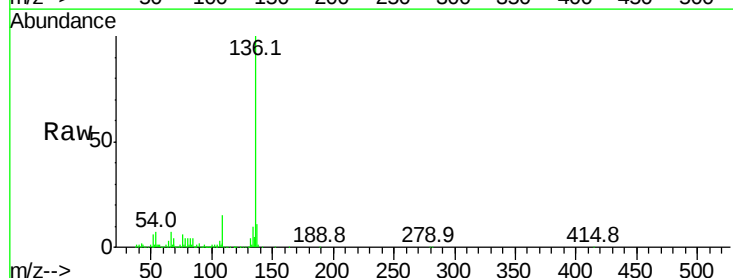
Delta R.T. 0.00 min

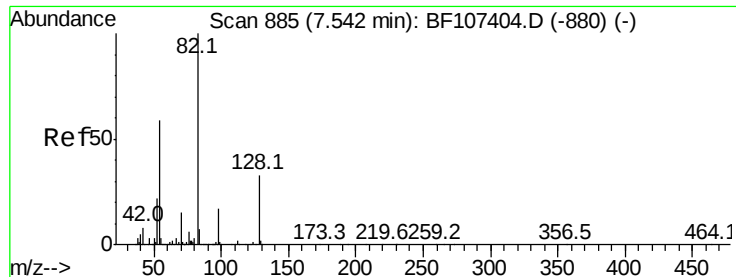
Lab File: BF107499.D

Acq: 19 Jul 2018 7:09

Tgt Ion: 136 Resp: 423266

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	7.0	6.6	9.8
68	4.4	5.0	7.4#

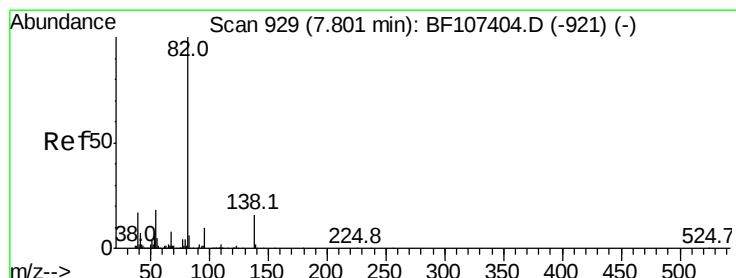
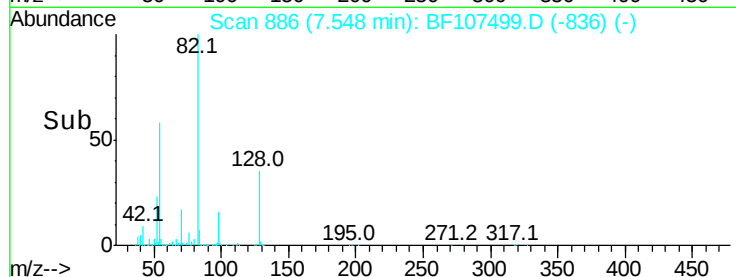
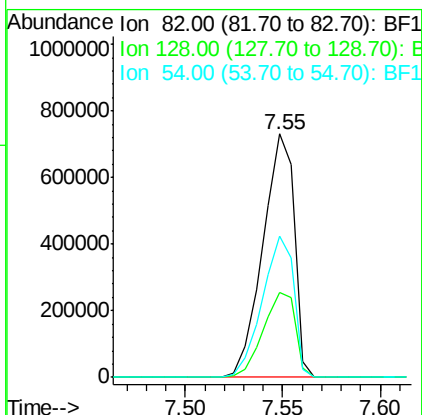
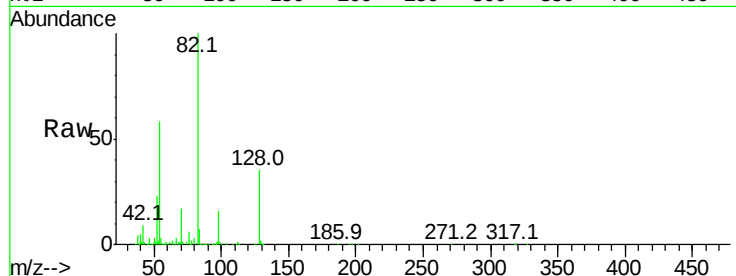




#23
 Nitrobenzene-d5
 Concen: 102.687 ng
 RT: 7.55 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BF107499.D
 Acq: 19 Jul 2018 7:09

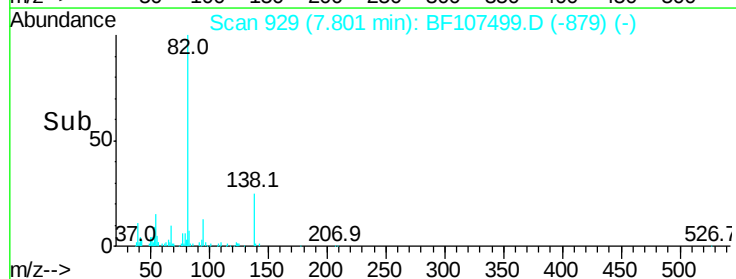
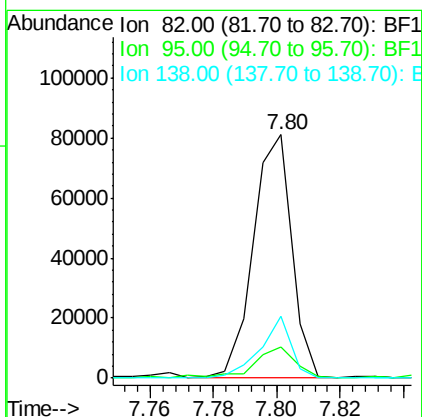
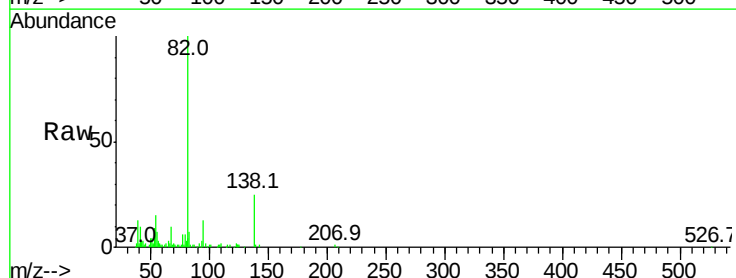
Instrument :
 BNA_F
 ClientSampleId :
 WALL-3-159

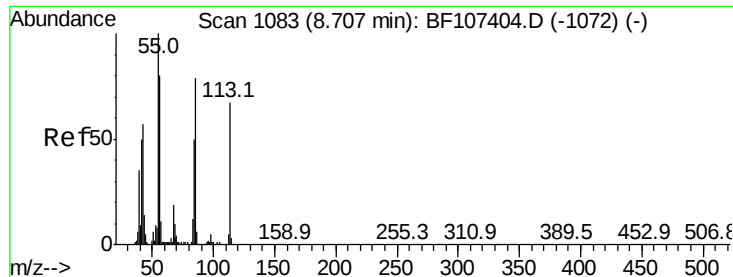
Tot Ion	82	Resp	815093
Ion Ratio	Lower	Upper	
82	100		
128	34.9	36.1	54.1#
54	58.0	41.4	62.2



#25
 Isophorone
 Concen: 4.363 ng
 RT: 7.80 min Scan# 929
 Delta R.T. -0.01 min
 Lab File: BF107499.D
 Acq: 19 Jul 2018 7:09

Tgt Ion	82	Resp	68637
Ion Ratio	Lower	Upper	
82	100		
95	12.9	5.2	7.8#
138	25.2	14.9	22.3#

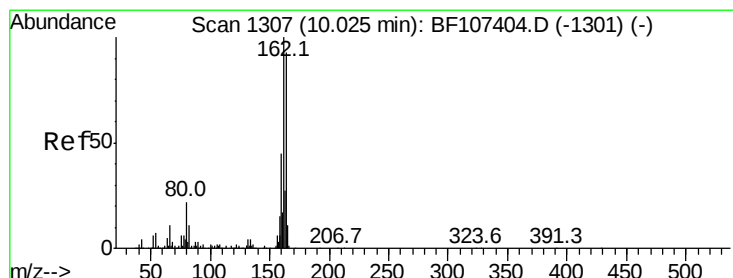
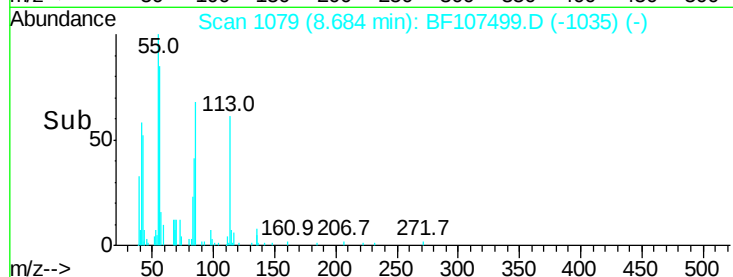
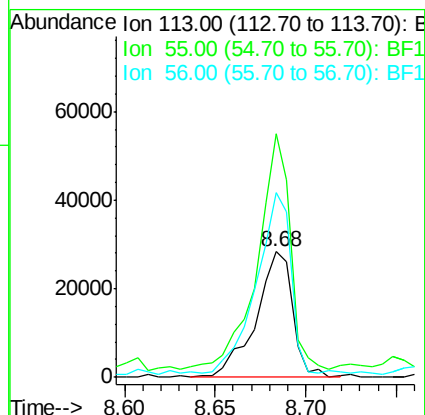
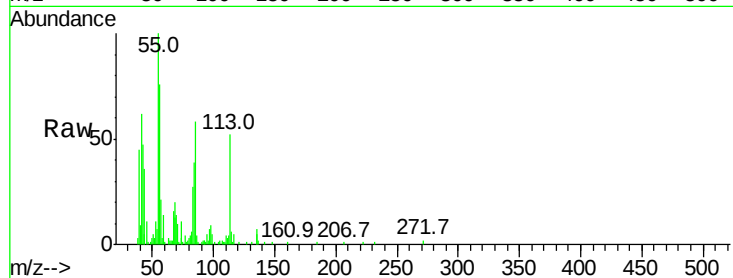




#35
 Caprolactam
 Concen: 18.800 ng
 RT: 8.68 min Scan# 1079
 Delta R.T. -0.04 min
 Lab File: BF107499.D
 Acq: 19 Jul 2018 7:09

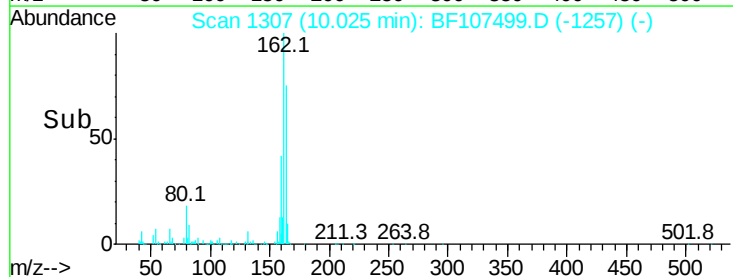
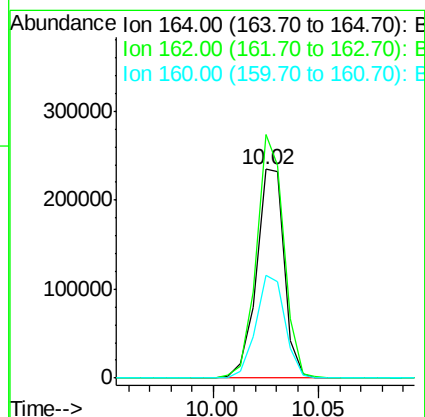
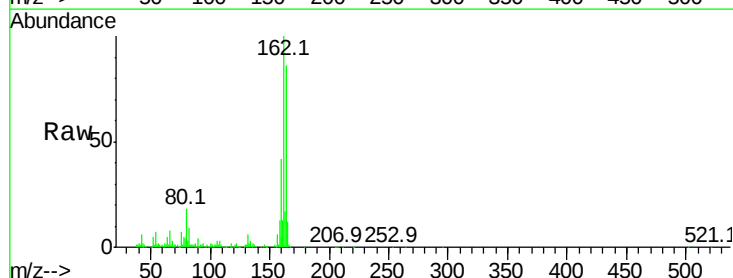
Instrument :
 BNA_F
 ClientSampleId :
 WALL-3-159

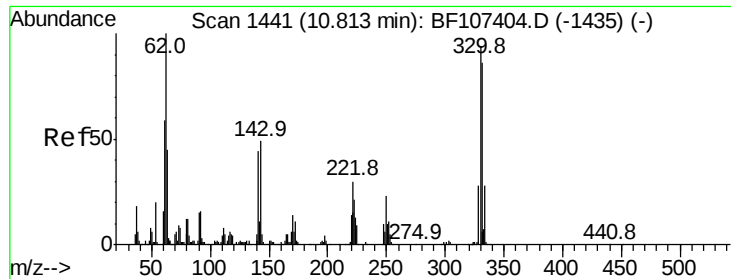
Tot Ion:113 Resp: 40240
 Ion Ratio Lower Upper
 113 100
 55 193.7 163.3 203.3
 56 146.5 115.7 155.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: BF107499.D
 Acq: 19 Jul 2018 7:09

Tgt Ion:164 Resp: 215775
 Ion Ratio Lower Upper
 164 100
 162 116.6 86.1 129.1
 160 49.1 38.3 57.5





#41

2,4,6-Tribromophenol

Concen: 127.369 ng

RT: 10.82 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF107499.D

Acq: 19 Jul 2018 7:09

Instrument :

BNA_F

ClientSampleId :

WALL-3-159

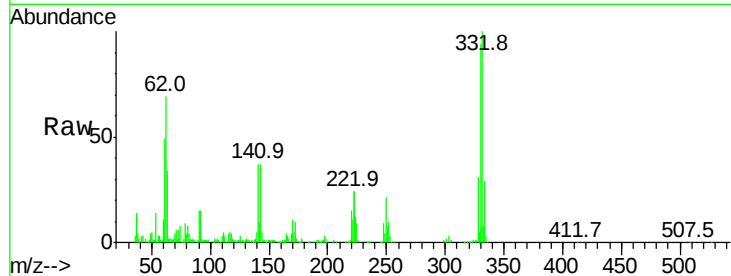
Tot Ion:330 Resp: 241471

Ion Ratio Lower Upper

330 100

332 99.2 77.0 115.6

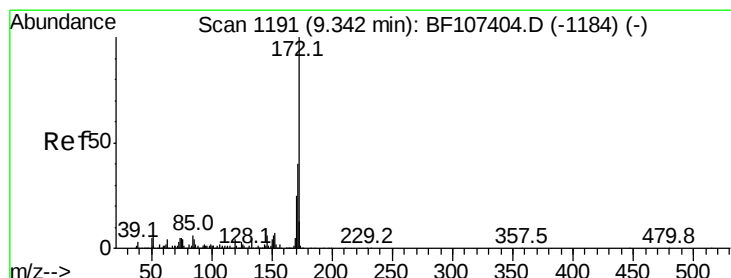
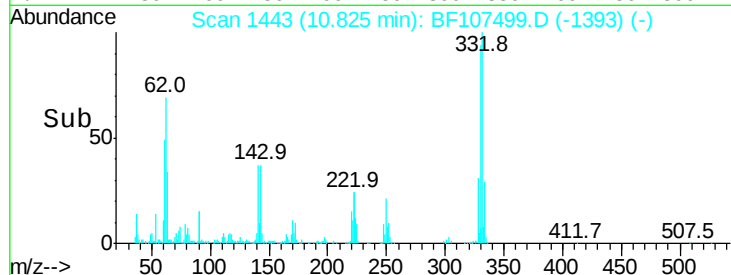
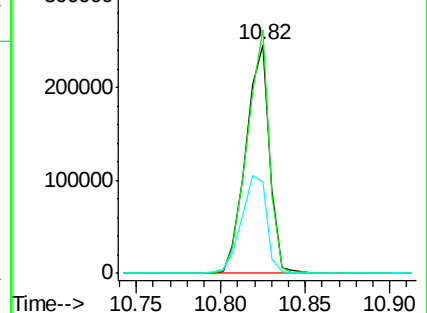
141 45.6 29.9 44.9#



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: 99.497 ng

RT: 9.35 min Scan# 1192

Delta R.T. 0.00 min

Lab File: BF107499.D

Acq: 19 Jul 2018 7:09

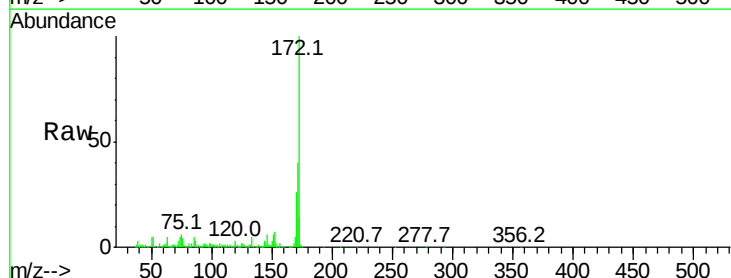
Tgt Ion:172 Resp: 1263694

Ion Ratio Lower Upper

172 100

171 39.7 29.7 44.5

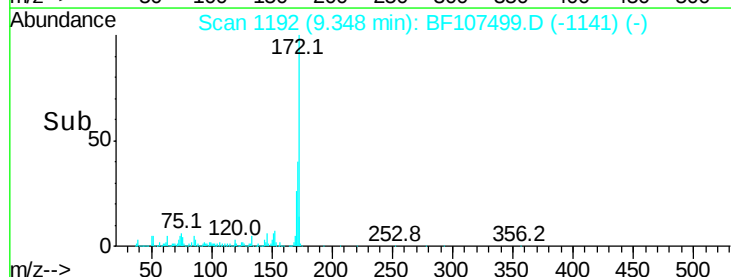
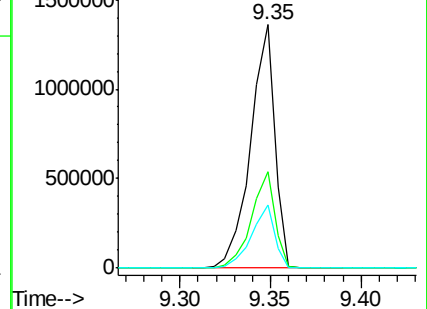
170 25.8 19.6 29.4

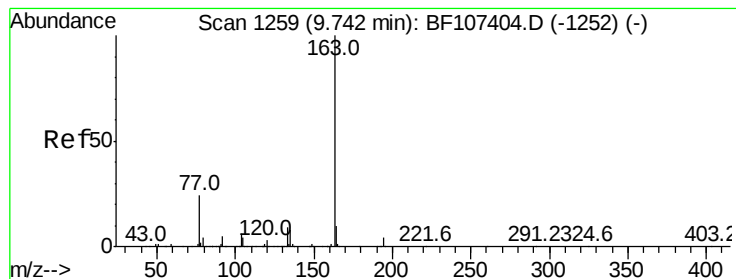


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 15.737 ng

RT: 9.73 min Scan# 1257

Delta R.T. -0.02 min

Lab File: BF107499.D

Acq: 19 Jul 2018 7:09

Instrument :

BNA_F

ClientSampleId :

WALL-3-159

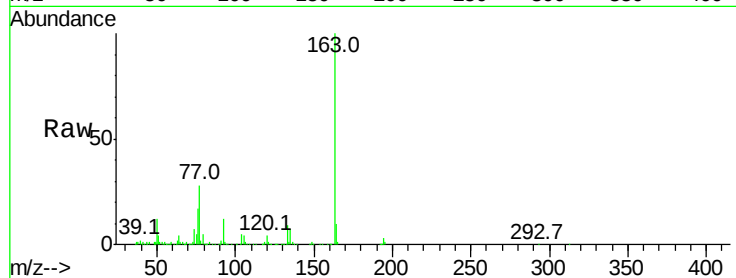
Tot Ion:163 Resp: 269804

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

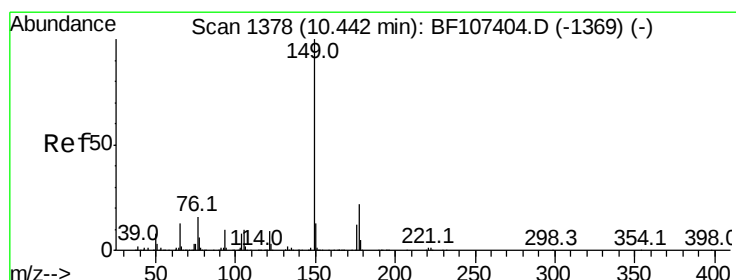
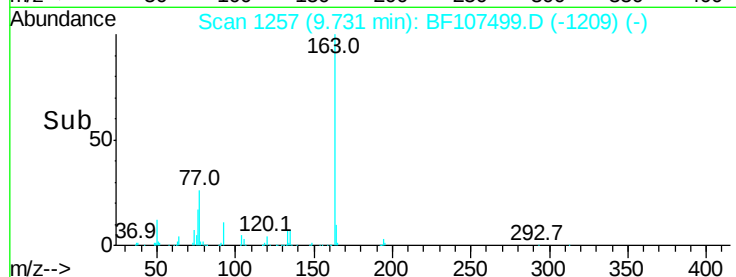
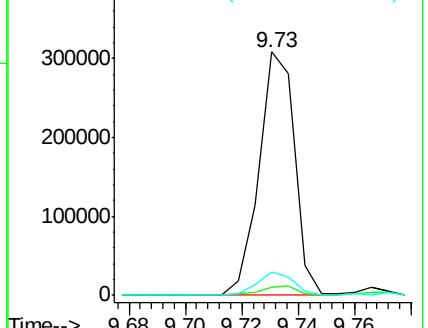
164 9.8 8.2 12.2



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



#59

Diethylphthalate

Concen: 8.047 ng

RT: 10.44 min Scan# 1377

Delta R.T. -0.01 min

Lab File: BF107499.D

Acq: 19 Jul 2018 7:09

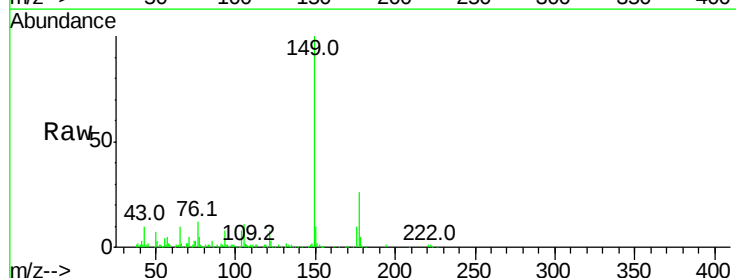
Tgt Ion:149 Resp: 134036

Ion Ratio Lower Upper

149 100

177 25.8 16.1 24.1#

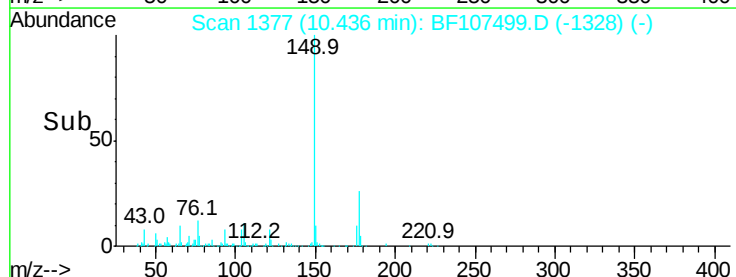
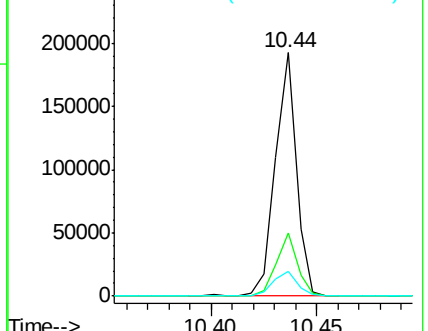
150 10.2 10.1 15.1

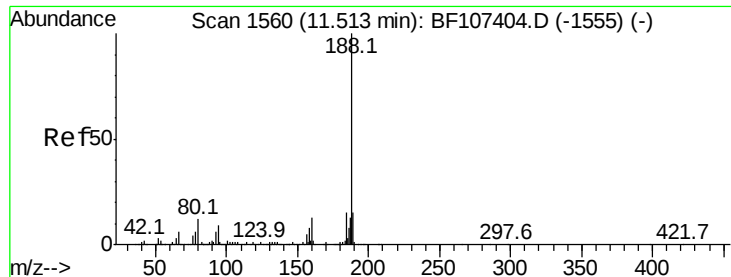


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.52 min Scan# 1561

Delta R.T. -0.01 min

Lab File: BF107499.D

Acq: 19 Jul 2018 7:09

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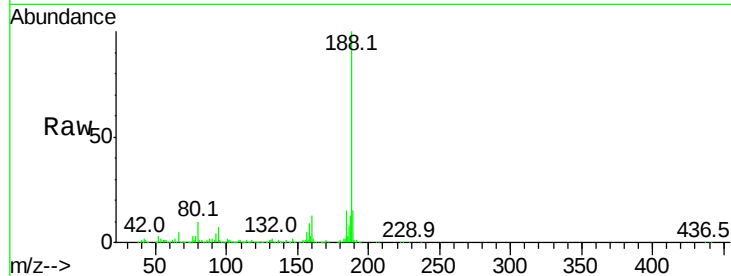
Tot Ion:188 Resp: 409091

Ion Ratio Lower Upper

188 100

94 7.0 8.5 12.7#

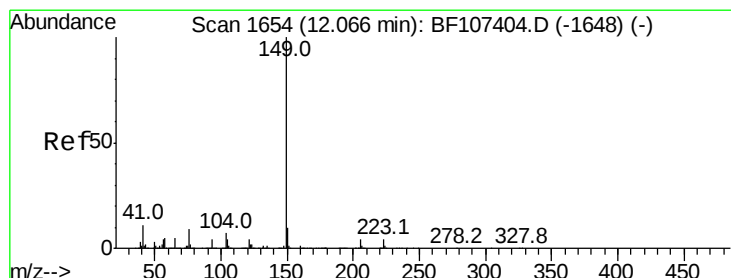
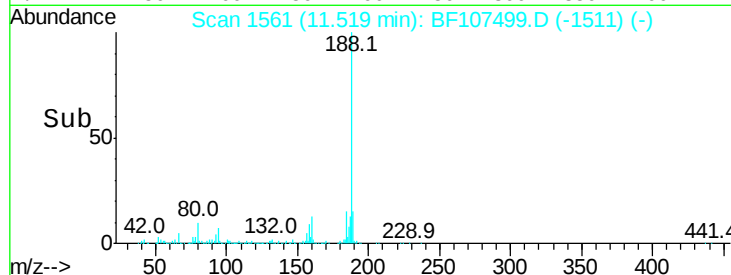
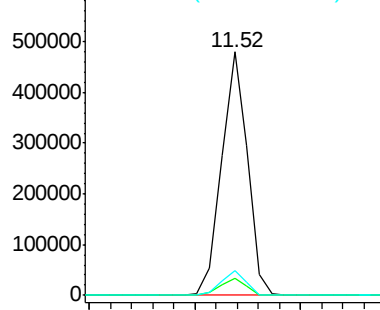
80 10.1 9.2 13.8



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: 3.368 ng

RT: 12.07 min Scan# 1654

Delta R.T. -0.01 min

Lab File: BF107499.D

Acq: 19 Jul 2018 7:09

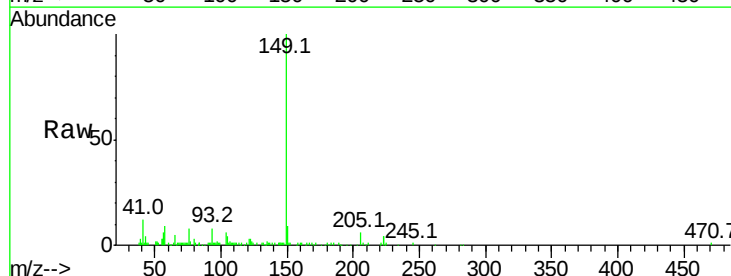
Tgt Ion:149 Resp: 74411

Ion Ratio Lower Upper

149 100

150 8.9 7.8 11.6

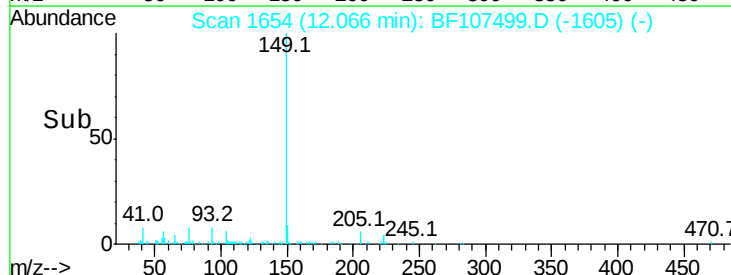
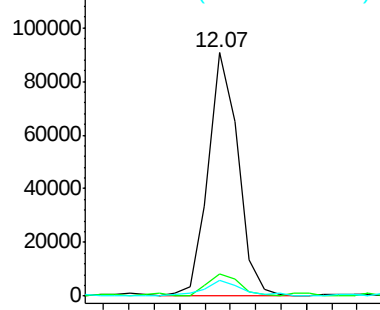
104 6.4 3.8 5.8#

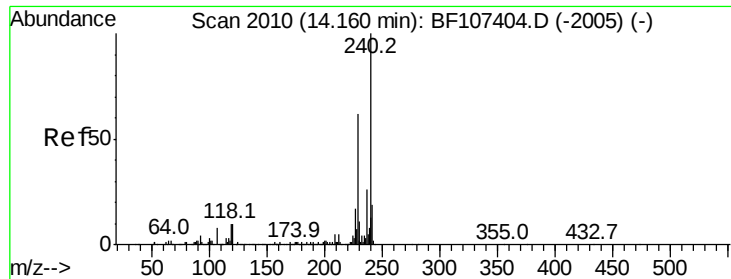


Abundance Ion 149.00 (148.70 to 149.70): E

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: BF107499.D

Acq: 19 Jul 2018 7:09

Instrument :

BNA_F

ClientSampleId :

WALL-3-159

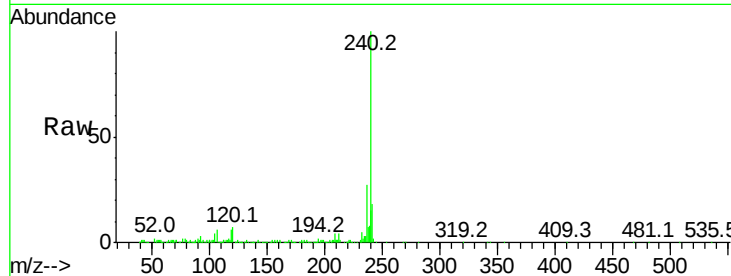
Tot Ion:240 Resp: 323017

Ion Ratio Lower Upper

240 100

120 7.1 9.5 14.3#

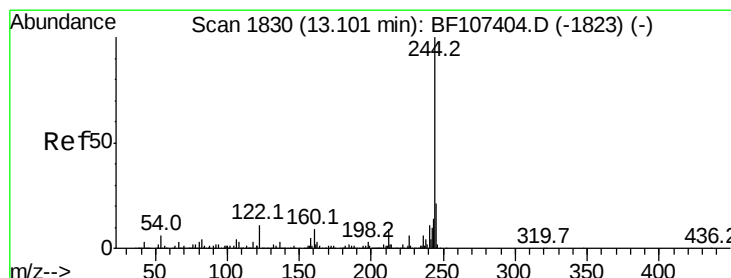
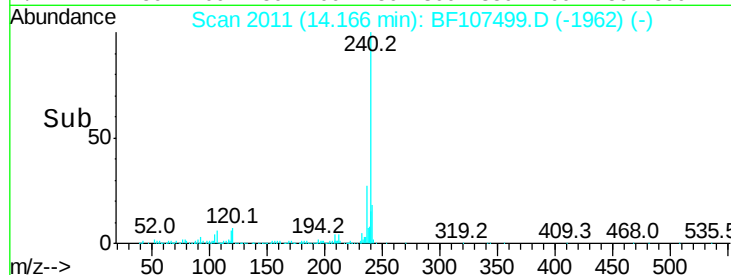
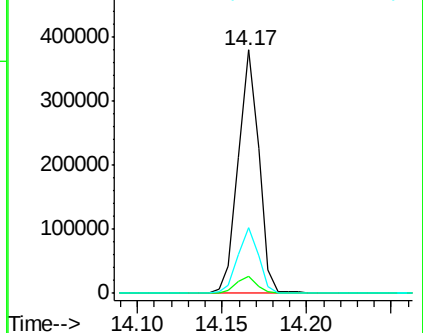
236 26.9 20.7 31.1



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: 95.440 ng

RT: 13.11 min Scan# 1831

Delta R.T. -0.01 min

Lab File: BF107499.D

Acq: 19 Jul 2018 7:09

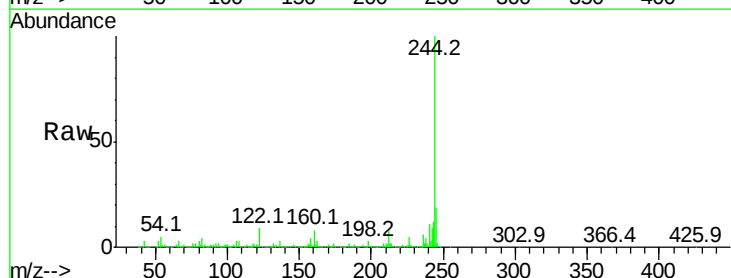
Tgt Ion:244 Resp: 1240802

Ion Ratio Lower Upper

244 100

212 8.3 5.4 8.0#

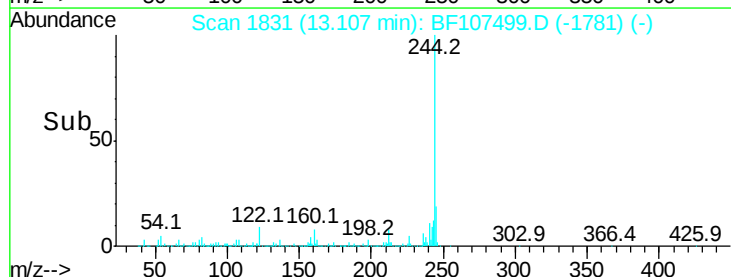
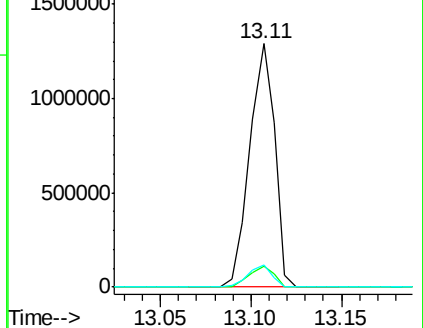
122 9.3 11.0 16.4#

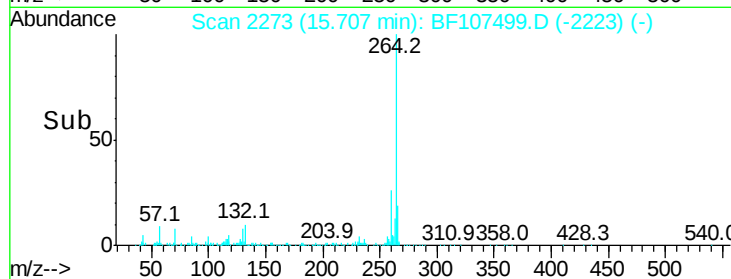
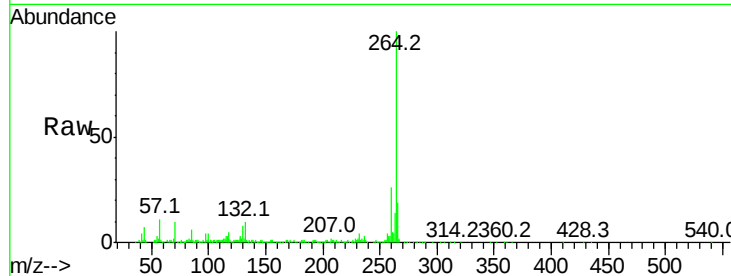
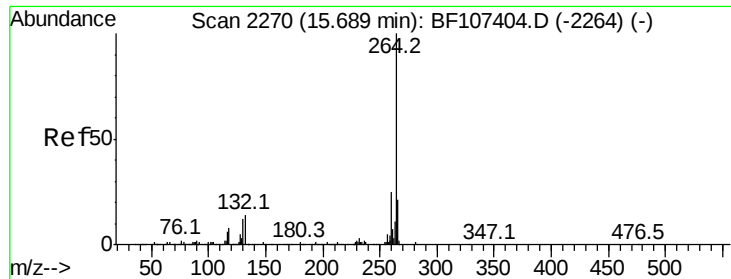


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.71 min Scan# 2273

Delta R.T. -0.01 min

Lab File: BF107499.D

Acq: 19 Jul 2018 7:09

Instrument :

BNA_F

ClientSampleId :

WALL-3-159

Tot Ion:264 Resp: 290661

Ion Ratio Lower Upper

264 100

260 25.7 19.2 28.8

265 19.1 17.5 26.3

