

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071818\
 Data File : BF107511.D
 Acq On : 19 Jul 2018 12:27
 Operator : JU/SJ
 Sample : J4027-06 5X
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WALL-4-159

Quant Time: Jul 19 13:52:01 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

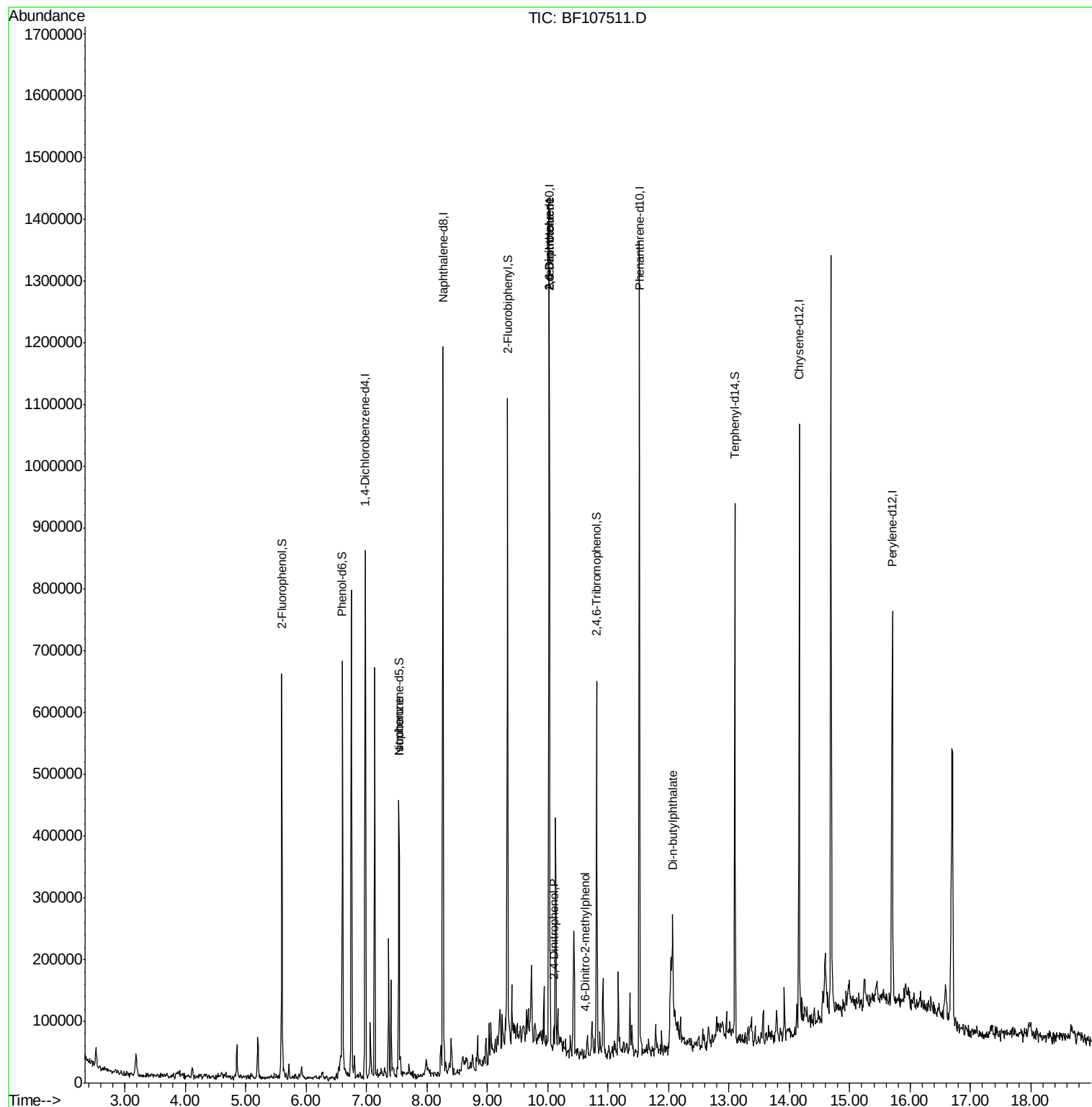
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	108767	20.00	ng	-0.01
21) Naphthalene-d8	8.27	136	425201	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	222430	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	409869	20.00	ng	0.00
75) Chrysene-d12	14.17	240	321291	20.00	ng	-0.01
86) Perylene-d12	15.71	264	295686	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	137951	19.26	ng	-0.01
7) Phenol-d6	6.60	99	163309	17.64	ng	-0.01
23) Nitrobenzene-d5	7.54	82	122008	15.30	ng	-0.02
41) 2,4,6-Tribromophenol	10.81	330	47366	24.24	ng	-0.02
44) 2-Fluorobiphenyl	9.34	172	252430	9.26	ng	-0.01
78) Terphenyl-d14	13.10	244	231441	17.90	ng	-0.01
Target Compounds						
25) Isophorone	7.54	82	122006	7.719	ng	# 64
50) 2,6-Dinitrotoluene	10.02	165	32316	9.583	ng	# 29
53) 2,4-Dinitrophenol	10.10	184	244	2.549	ng	# 1
56) 2,4-Dinitrotoluene	10.02	165	32316	7.352	ng	# 26
64) 4,6-Dinitro-2-methylphenol	10.62	198	173	7.556	ng	# 23
73) Di-n-butylphthalate	12.07	149	49295	2.227	ng	# 87

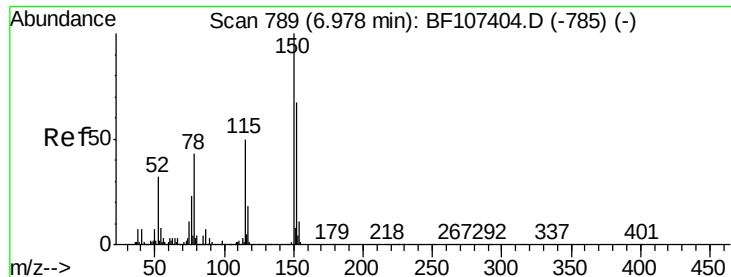
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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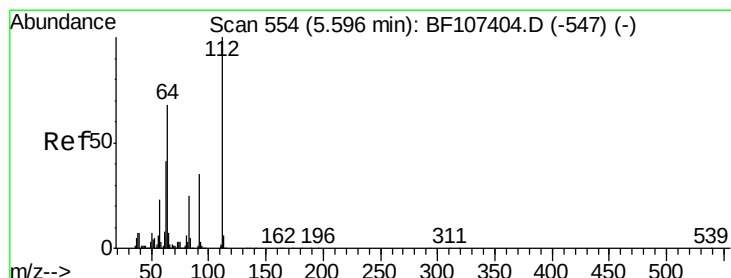
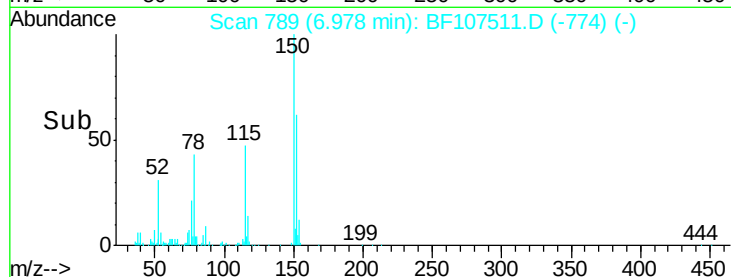
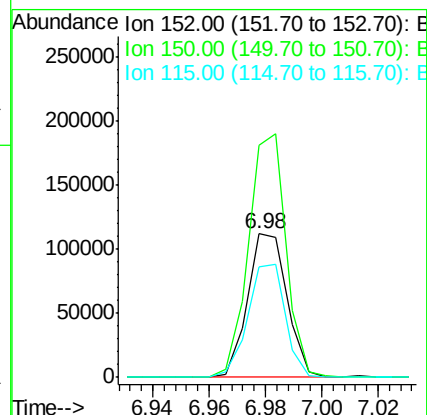
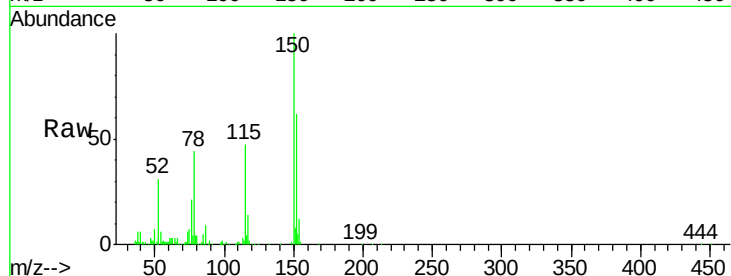


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF107511.D
Acq: 19 Jul 2018 12:27

Instrument :
BNA_F
ClientSampleId :
WALL-4-159

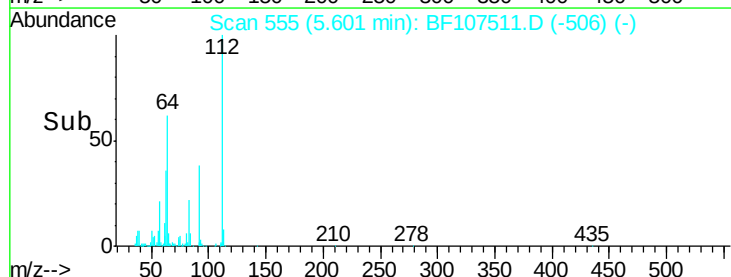
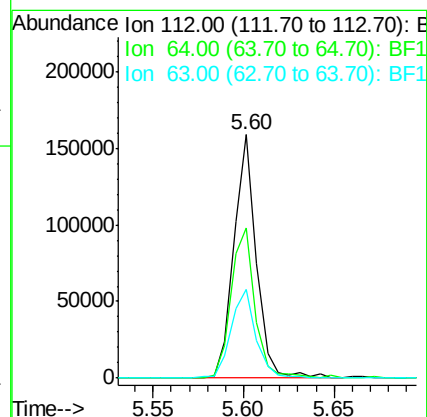
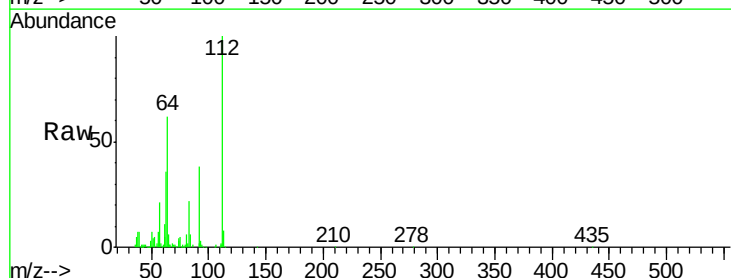
Tgt Ion:152 Resp: 108767
Ion Ratio Lower Upper
152 100
150 161.7 124.6 186.8
115 76.8 50.1 75.1#

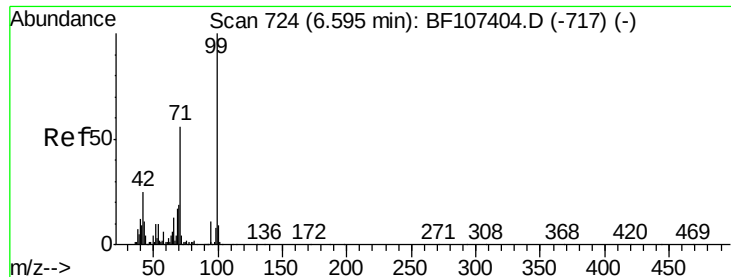


#5

2-Fluorophenol
Concen: 19.262 ng
RT: 5.60 min Scan# 555
Delta R.T. -0.01 min
Lab File: BF107511.D
Acq: 19 Jul 2018 12:27

Tgt Ion:112 Resp: 137951
Ion Ratio Lower Upper
112 100
64 61.7 47.9 71.9
63 36.4 23.7 35.5#





#7

Phenol-d6

Concen: 17.638 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107511.D

Acq: 19 Jul 2018 12:27

Instrument :

BNA_F

ClientSampleId :

WALL-4-159

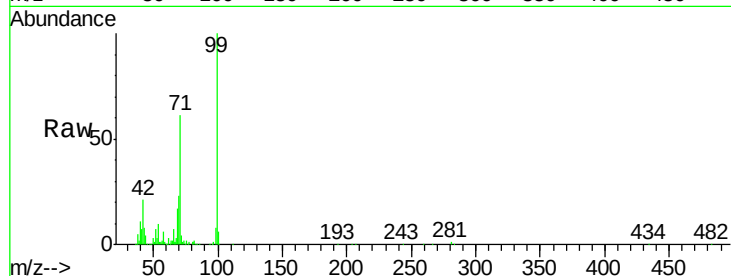
Tgt Ion: 99 Resp: 163309

Ion Ratio Lower Upper

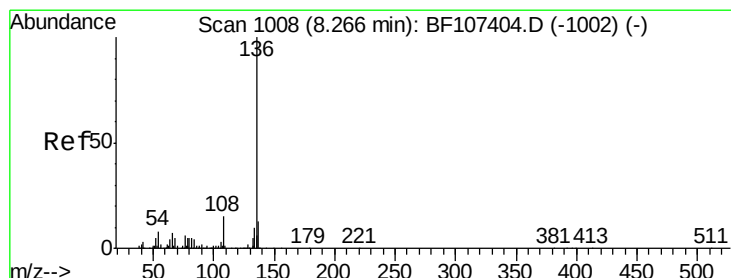
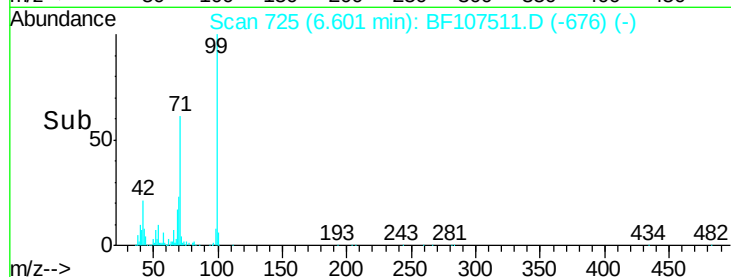
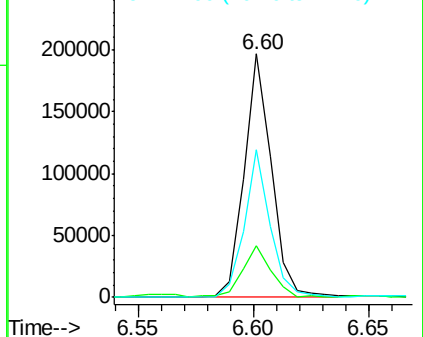
99 100

42 21.2 14.5 21.7

71 60.7 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: BF107511.D

Acq: 19 Jul 2018 12:27

Tgt Ion: 136 Resp: 425201

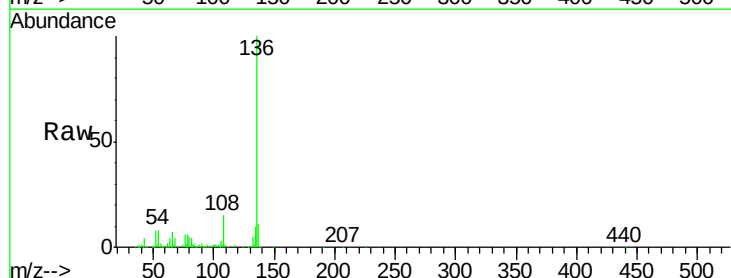
Ion Ratio Lower Upper

136 100

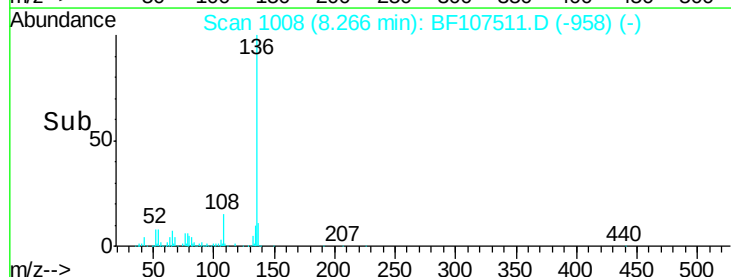
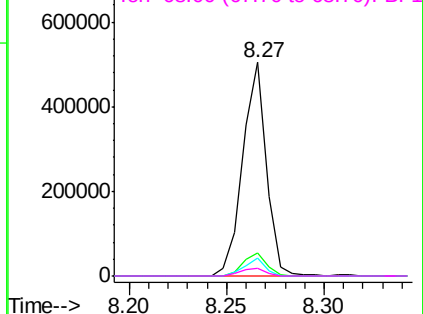
137 10.6 8.9 13.3

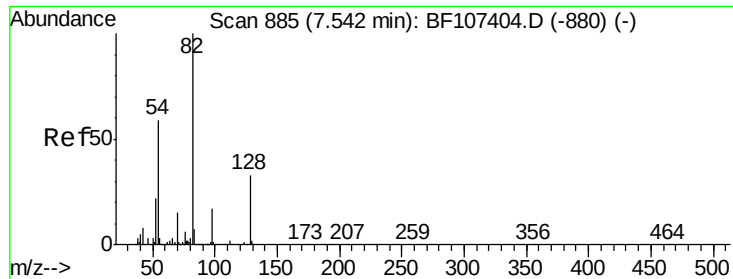
54 8.3 6.6 9.8

68 3.7 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

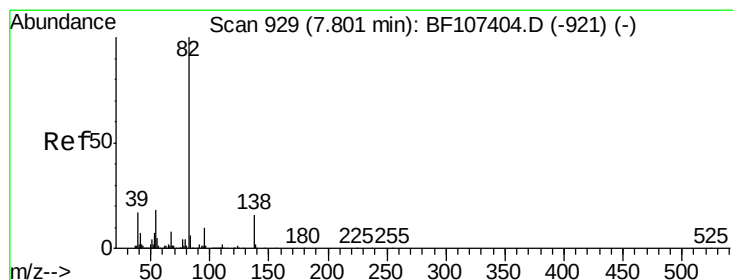
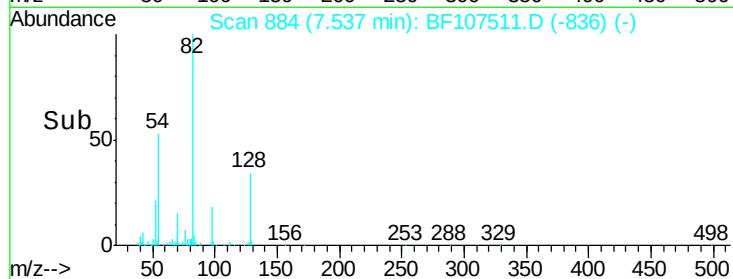
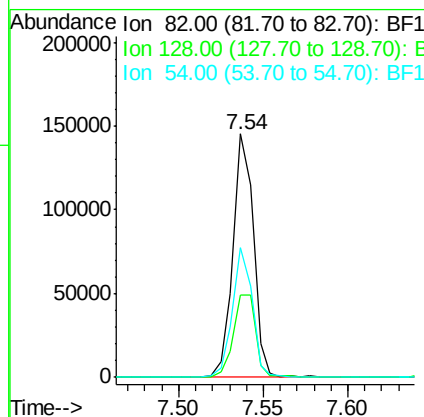
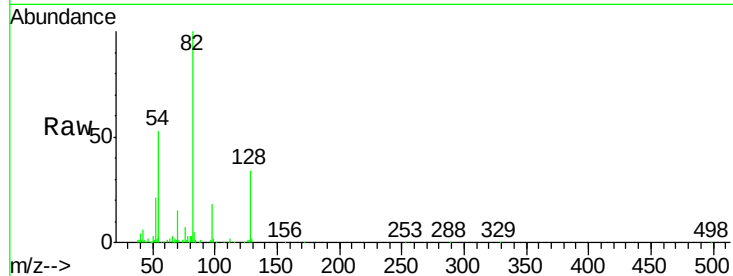




#23
 Nitrobenzene-d5
 Concen: 15.301 ng
 RT: 7.54 min Scan# 884
 Delta R.T. -0.02 min
 Lab File: BF107511.D
 Acq: 19 Jul 2018 12:27

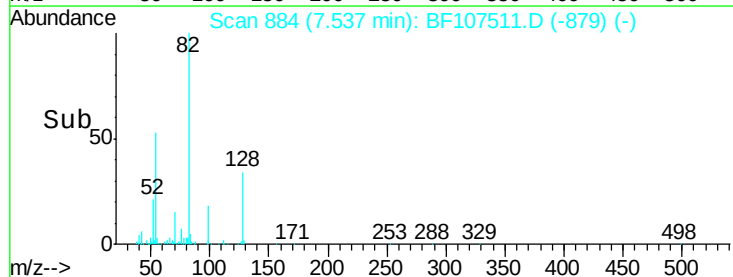
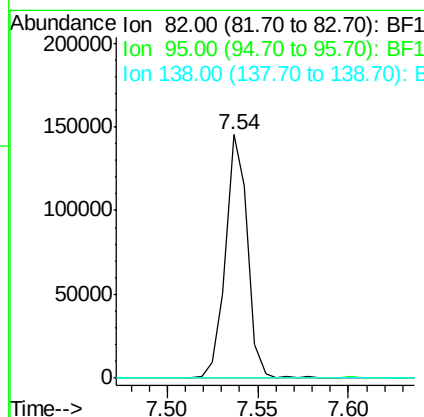
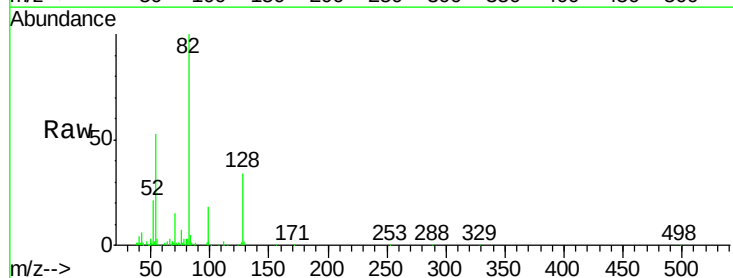
Instrument :
 BNA_F
 ClientSampleId :
 WALL-4-159

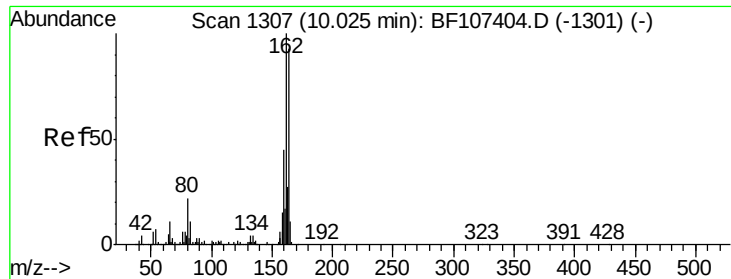
Tgt Ion	Ratio	Lower	Upper
82	100		
128	33.9	36.1	54.1#
54	53.4	41.4	62.2



#25
 Isophorone
 Concen: 7.719 ng
 RT: 7.54 min Scan# 884
 Delta R.T. -0.27 min
 Lab File: BF107511.D
 Acq: 19 Jul 2018 12:27

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.02 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF107511.D

Acq: 19 Jul 2018 12:27

Instrument :

BNA_F

ClientSampleId :

WALL-4-159

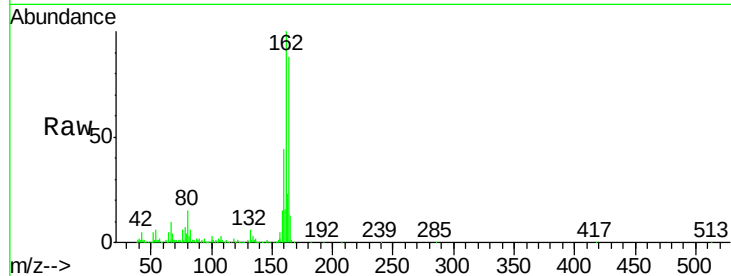
Tgt Ion:164 Resp: 222430

Ion Ratio Lower Upper

164 100

162 113.2 86.1 129.1

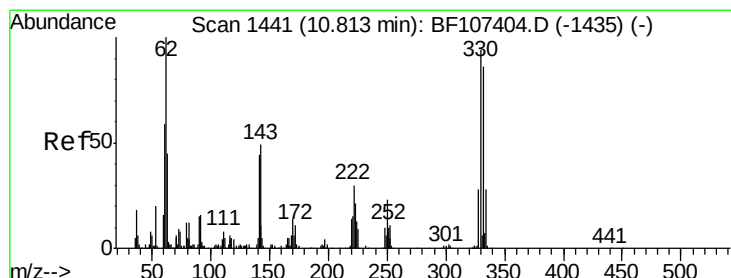
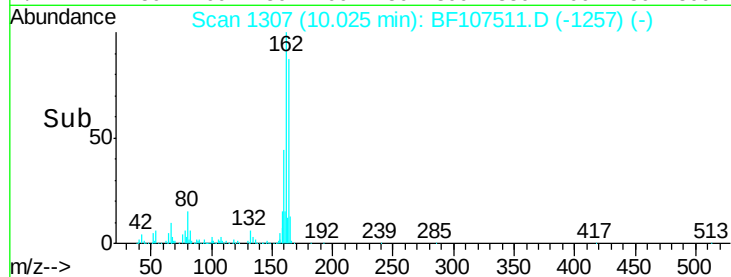
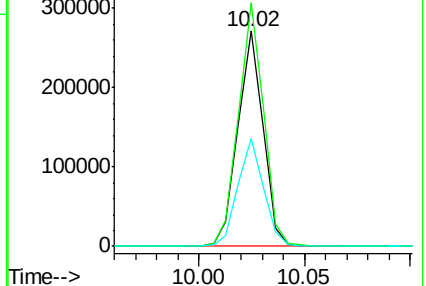
160 49.9 38.3 57.5



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: 24.237 ng

RT: 10.81 min Scan# 1441

Delta R.T. -0.02 min

Lab File: BF107511.D

Acq: 19 Jul 2018 12:27

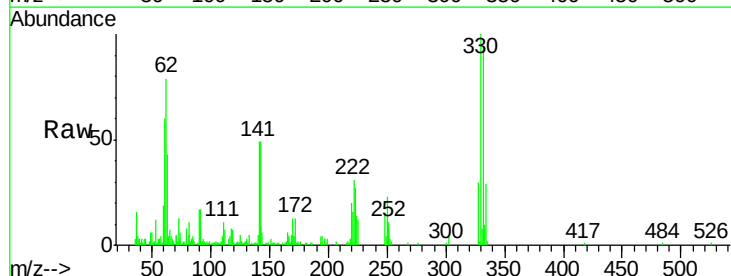
Tgt Ion:330 Resp: 47366

Ion Ratio Lower Upper

330 100

332 87.5 77.0 115.6

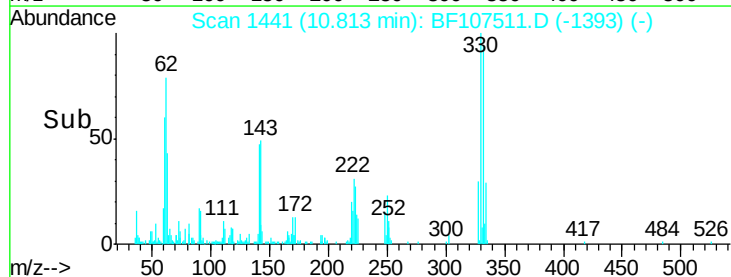
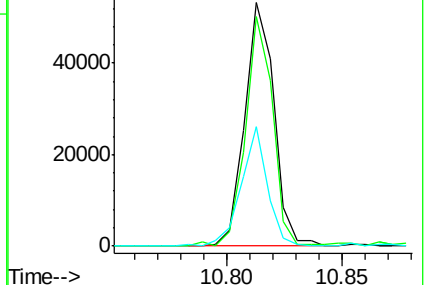
141 43.9 29.9 44.9

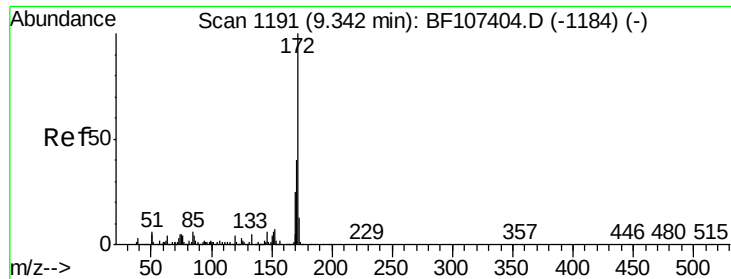


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

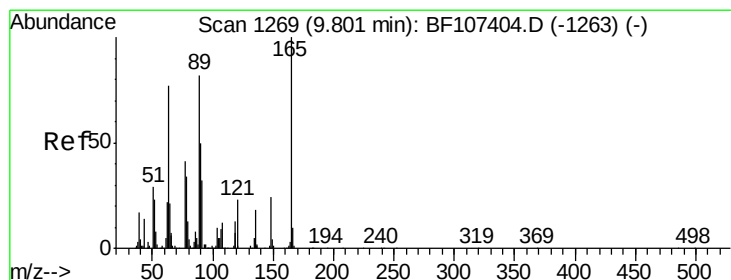
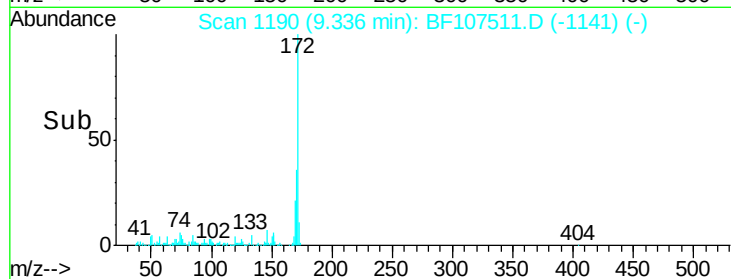
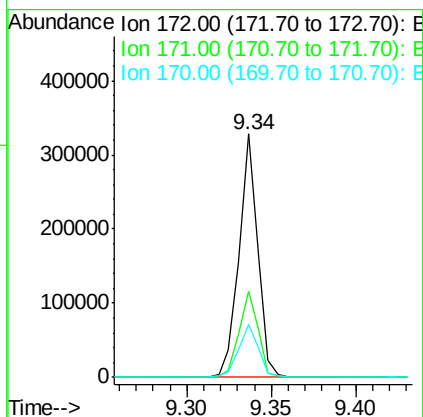
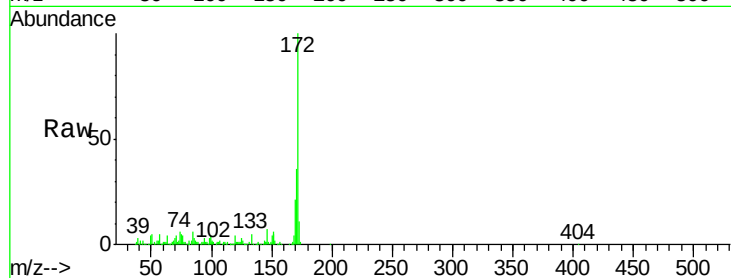




#44
2-Fluorobiphenyl
Concen: 9.264 ng
RT: 9.34 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF107511.D
Acq: 19 Jul 2018 12:27

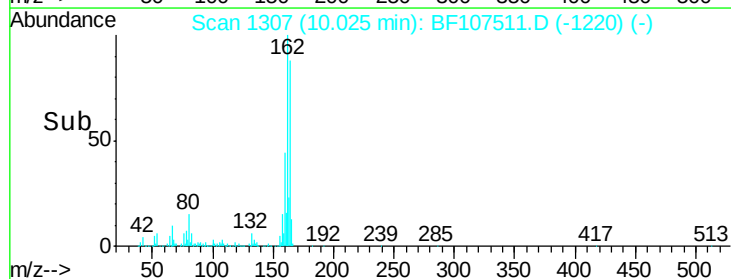
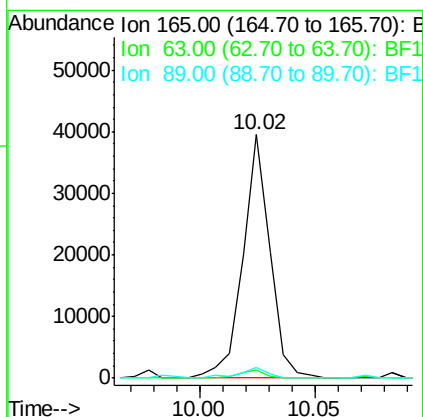
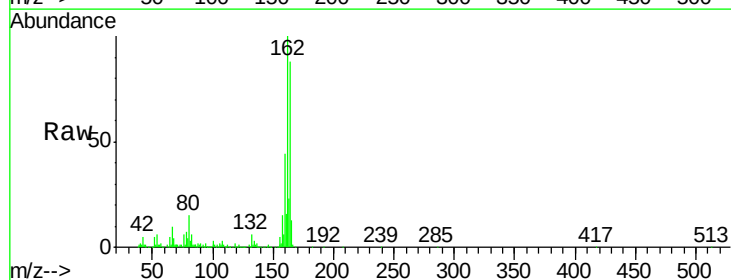
Instrument :
BNA_F
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WALL-4-159

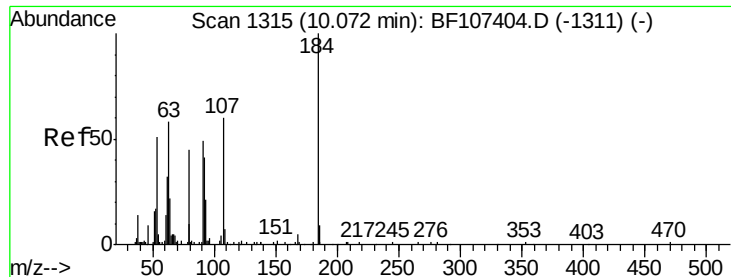
Tgt Ion:172 Resp: 252430
Ion Ratio Lower Upper
172 100
171 35.6 29.7 44.5
170 21.5 19.6 29.4



#50
2,6-Dinitrotoluene
Concen: 9.583 ng
RT: 10.02 min Scan# 1307
Delta R.T. 0.21 min
Lab File: BF107511.D
Acq: 19 Jul 2018 12:27

Tgt Ion:165 Resp: 32316
Ion Ratio Lower Upper
165 100
63 3.4 44.7 67.1#
89 4.2 44.0 66.0#

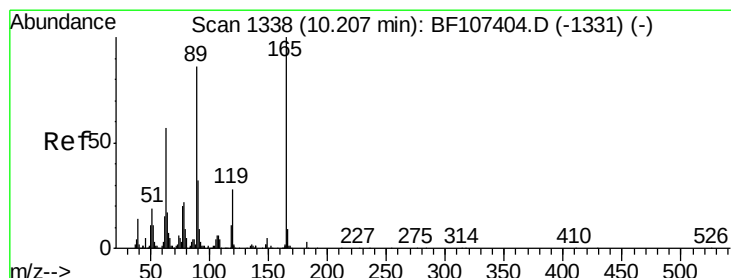
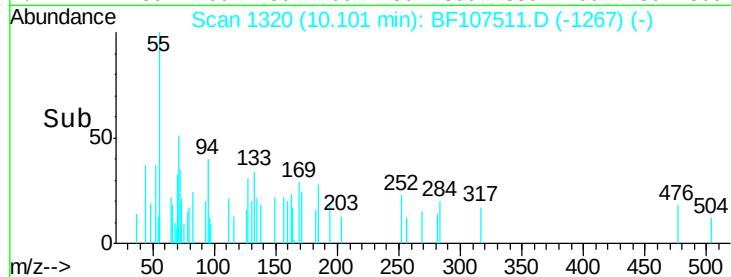
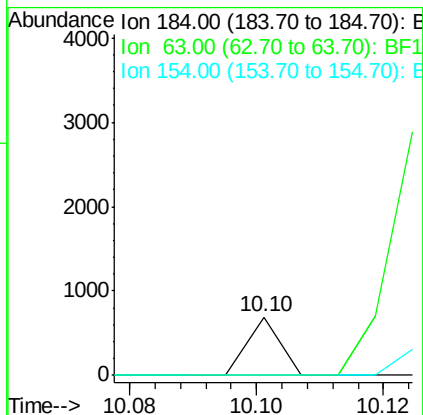
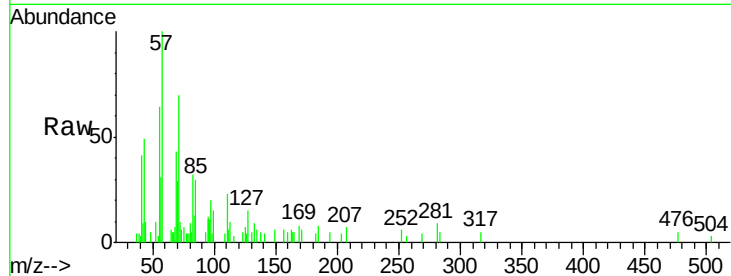




#53
2,4-Dinitrophenol
Concen: 2.549 ng
RT: 10.10 min Scan# 1320
Delta R.T. 0.01 min
Lab File: BF107511.D
Acq: 19 Jul 2018 12:27

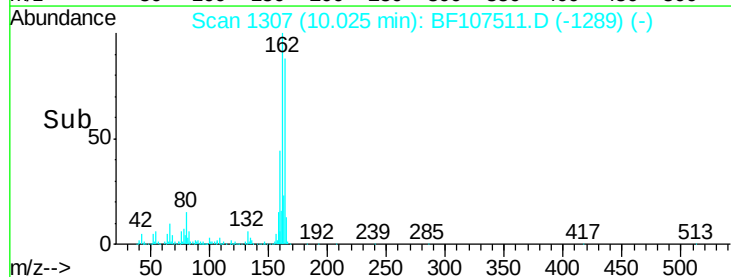
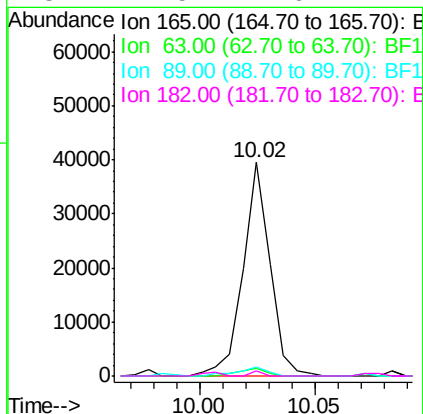
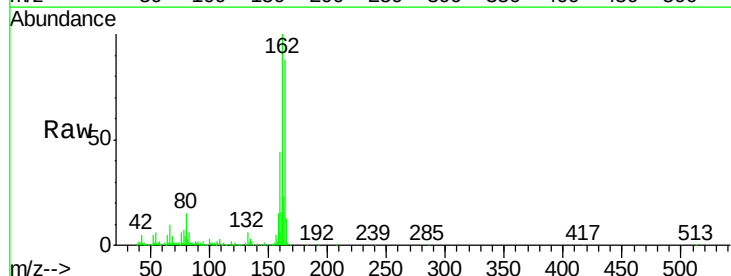
Instrument :
BNA_F
ClientSampleId :
WALL-4-159

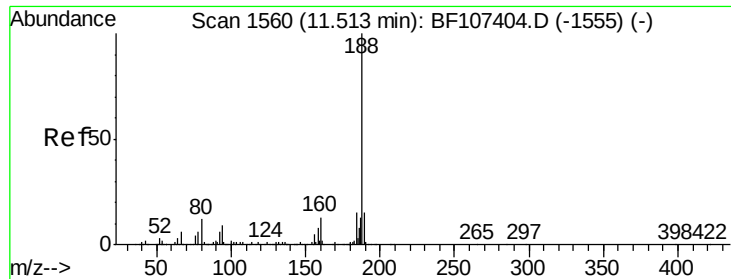
Tgt Ion:184 Resp: 244
Ion Ratio Lower Upper
184 100
63 0.0 54.2 81.2#
154 0.0 184.0 276.0#



#56
2,4-Dinitrotoluene
Concen: 7.352 ng
RT: 10.02 min Scan# 1307
Delta R.T. -0.19 min
Lab File: BF107511.D
Acq: 19 Jul 2018 12:27

Tgt Ion:165 Resp: 32316
Ion Ratio Lower Upper
165 100
63 3.4 36.4 54.6#
89 4.2 57.8 86.6#
182 2.5 1.6 2.4#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.52 min Scan# 1561

Delta R.T. -0.01 min

Lab File: BF107511.D

Acq: 19 Jul 2018 12:27

Instrument :

BNA_F

ClientSampleId :

WALL-4-159

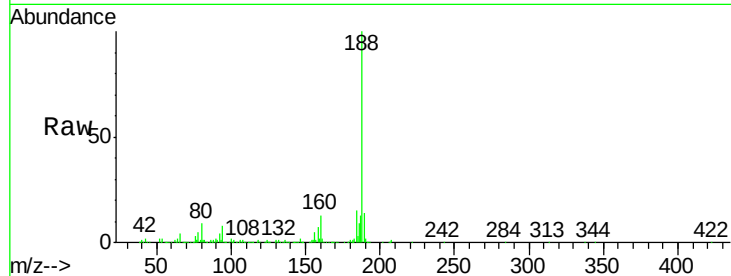
Tgt Ion:188 Resp: 409869

Ion Ratio Lower Upper

188 100

94 7.5 8.5 12.7#

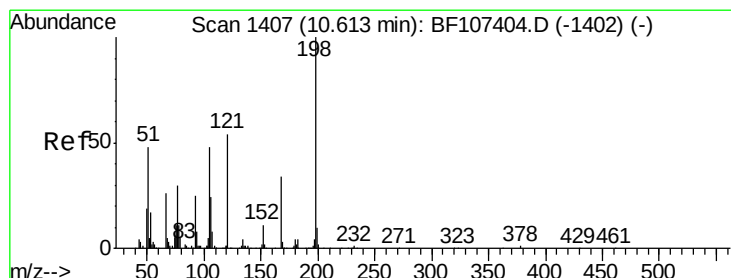
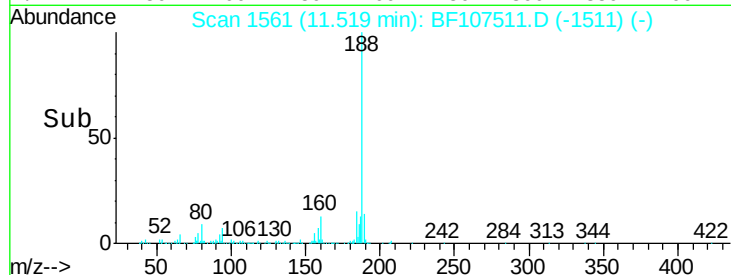
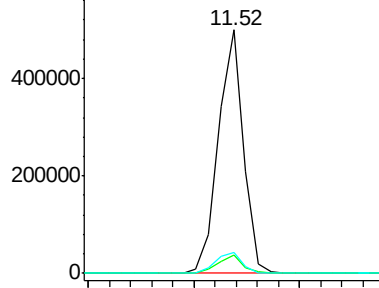
80 8.7 9.2 13.8#



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



#64

4,6-Dinitro-2-methylphenol

Concen: 7.556 ng

RT: 10.62 min Scan# 1408

Delta R.T. -0.01 min

Lab File: BF107511.D

Acq: 19 Jul 2018 12:27

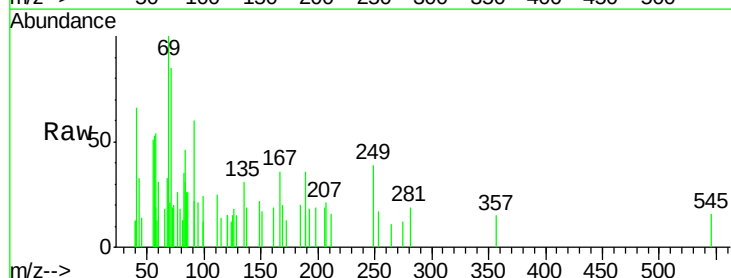
Tgt Ion:198 Resp: 173

Ion Ratio Lower Upper

198 100

51 0.0 37.7 77.7#

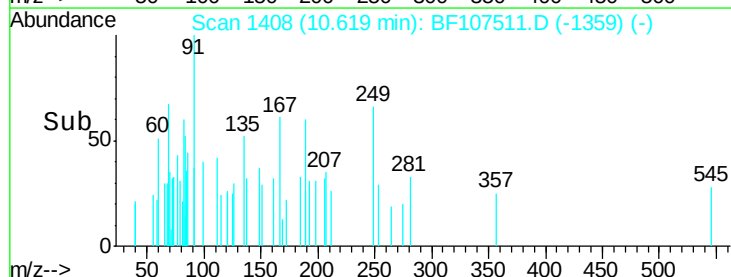
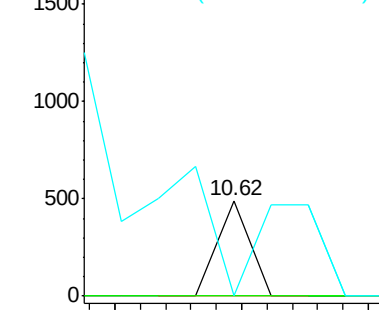
105 0.0 36.3 76.3#

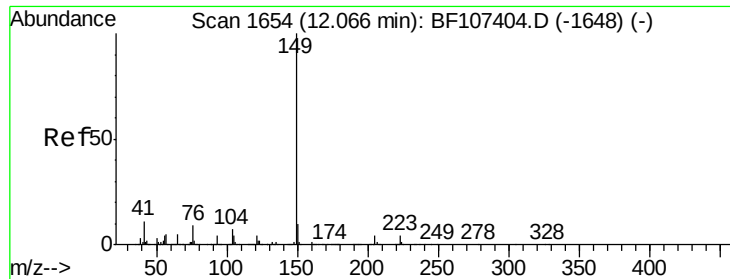


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

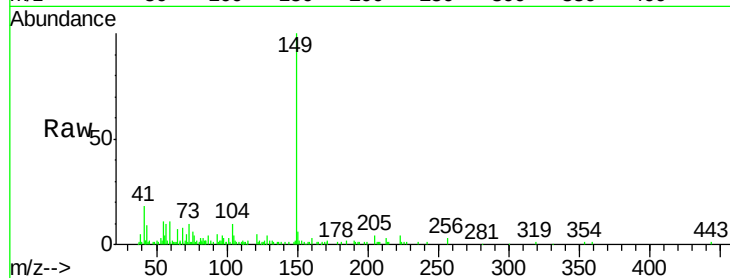




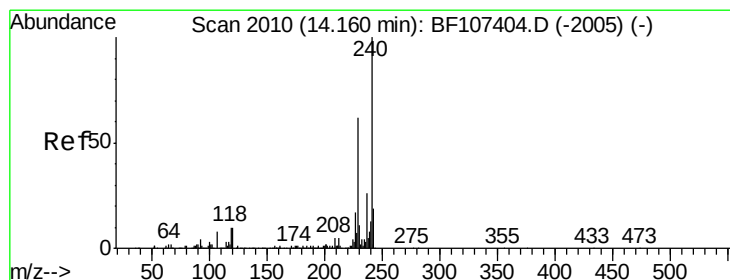
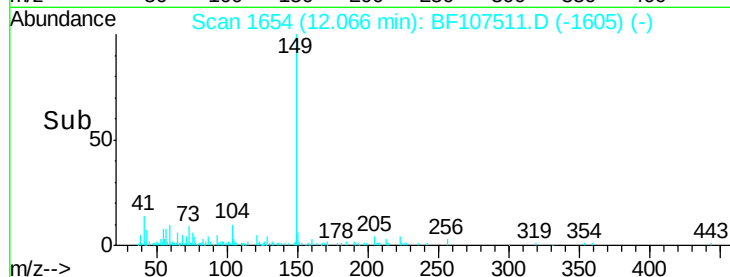
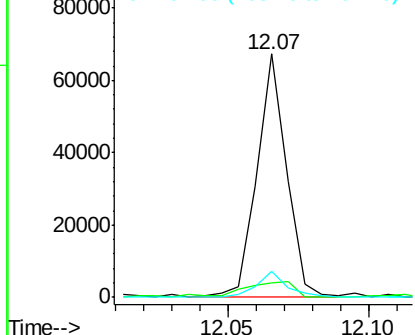
#73
Di-n-butylphthalate
Concen: 2.227 ng
RT: 12.07 min Scan# 1654
Delta R.T. -0.01 min
Lab File: BF107511.D
Acq: 19 Jul 2018 12:27

Instrument :
BNA_F
ClientSampleId :
WALL-4-159

Tgt Ion:149 Resp: 49295
Ion Ratio Lower Upper
149 100
150 5.8 7.8 11.6#
104 10.5 3.8 5.8#

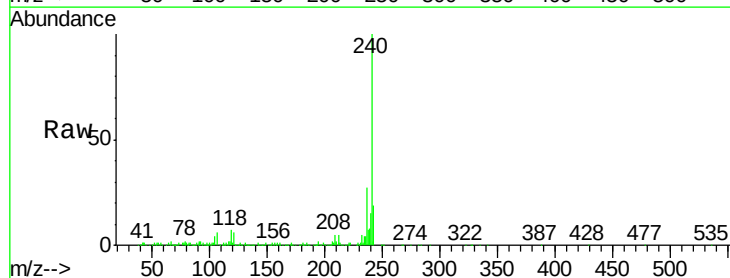


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

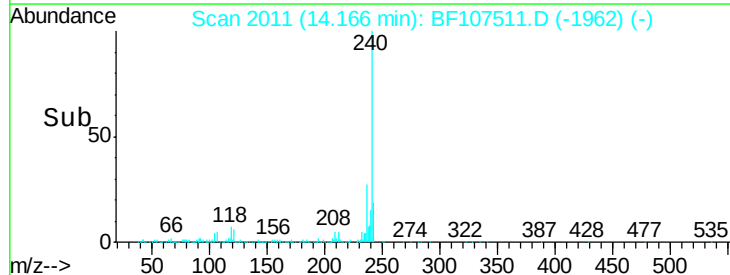
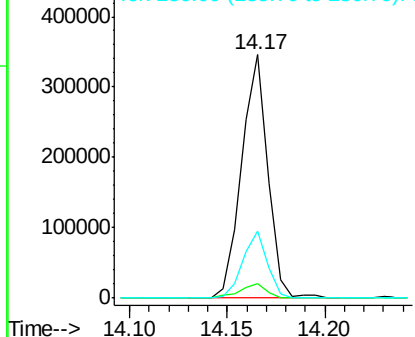


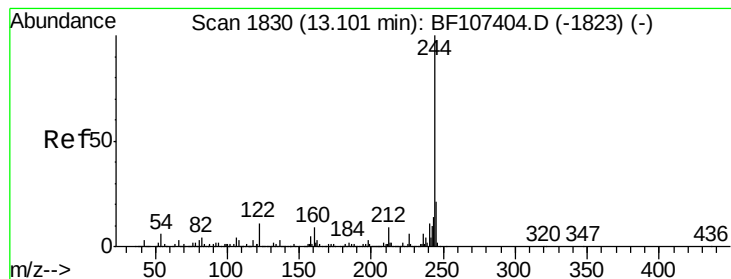
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.17 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BF107511.D
Acq: 19 Jul 2018 12:27

Tgt Ion:240 Resp: 321291
Ion Ratio Lower Upper
240 100
120 6.0 9.5 14.3#
236 27.3 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: 17.898 ng

RT: 13.10 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF107511.D

Acq: 19 Jul 2018 12:27

Instrument :

BNA_F

ClientSampleId :

WALL-4-159

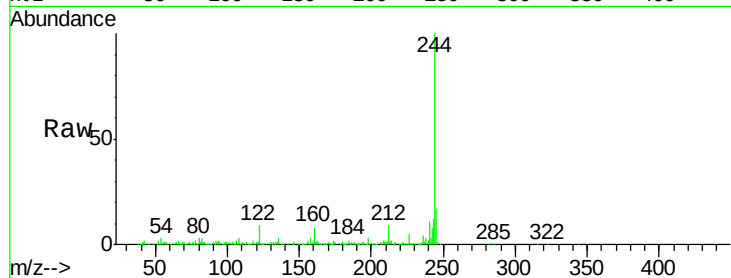
Tgt Ion:244 Resp: 231441

Ion Ratio Lower Upper

244 100

212 8.6 5.4 8.0#

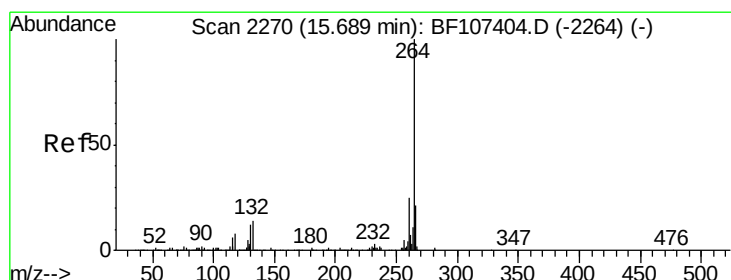
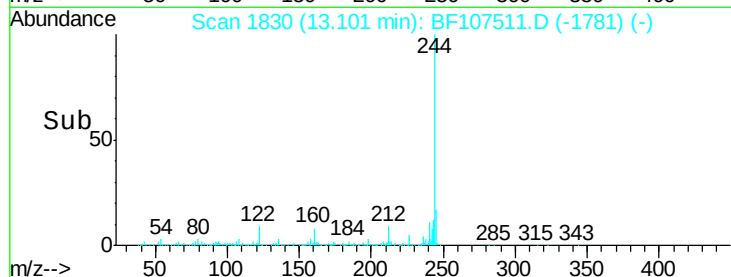
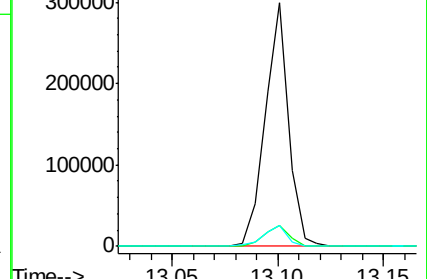
122 8.7 11.0 16.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 15.71 min Scan# 2273

Delta R.T. -0.01 min

Lab File: BF107511.D

Acq: 19 Jul 2018 12:27

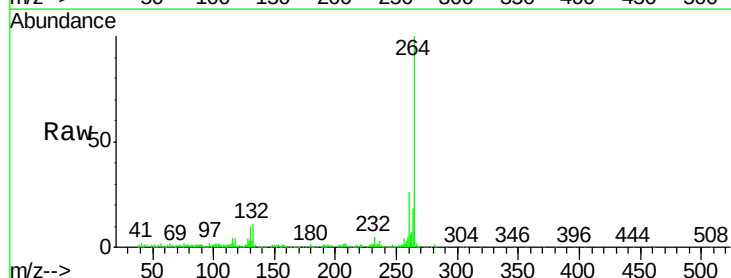
Tgt Ion:264 Resp: 295686

Ion Ratio Lower Upper

264 100

260 26.3 19.2 28.8

265 19.3 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

