

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071818\
 Data File : BF107501.D
 Acq On : 19 Jul 2018 8:02
 Operator : JU/SJ
 Sample : J4027-09
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 19 08:59:03 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

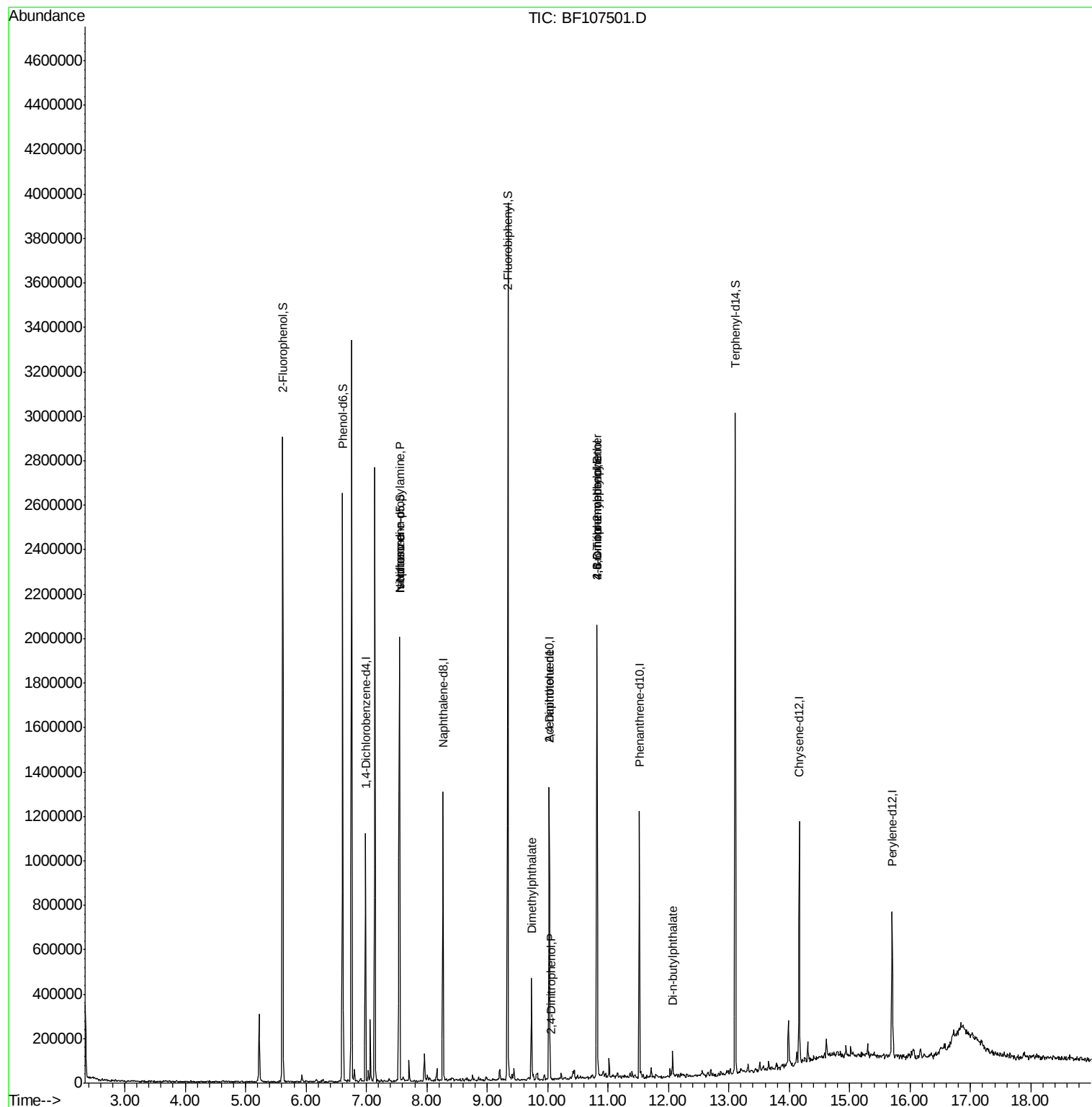
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	123808	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	439339	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	218652	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	372182	20.00	ng	0.00
75) Chrysene-d12	14.17	240	326457	20.00	ng	-0.01
86) Perylene-d12	15.71	264	307212	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	656412	80.52	ng	0.00
7) Phenol-d6	6.61	99	833052	79.04	ng	0.00
23) Nitrobenzene-d5	7.55	82	634750	77.04	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	171705	89.38	ng	-0.01
44) 2-Fluorobiphenyl	9.34	172	1079301	81.91	ng	0.00
78) Terphenyl-d14	13.11	244	933423	71.04	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.55	70	101099	13.397	ng	# 75
25) Isophorone	7.55	82	634742	38.868	ng	# 64
49) Dimethylphthalate	9.73	163	139428	8.026	ng	# 98
53) 2,4-Dinitrophenol	10.07	184	125	2.403	ng	# 1
56) 2,4-Dinitrotoluene	10.02	165	27840	6.443	ng	# 25
64) 4,6-Dinitro-2-methylphenol	10.82	198	441	7.676	ng	# 1
66) 4-Bromophenyl-phenylether	10.82	248	20133	4.728	ng	# 1
73) Di-n-butylphthalate	12.07	149	44176	2.198	ng	# 91

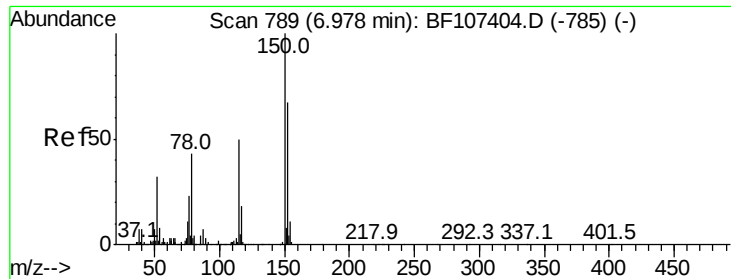
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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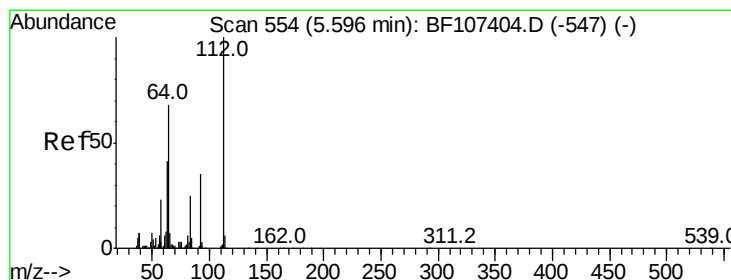
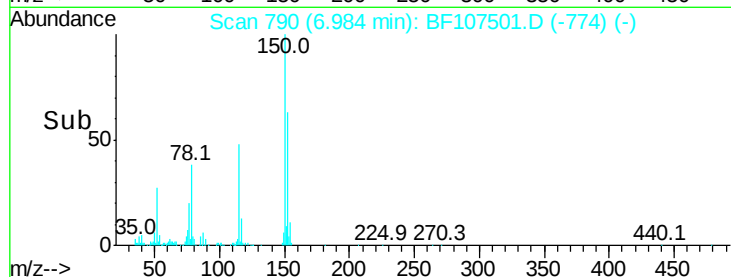
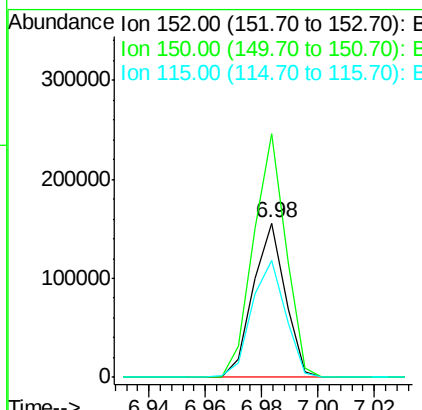
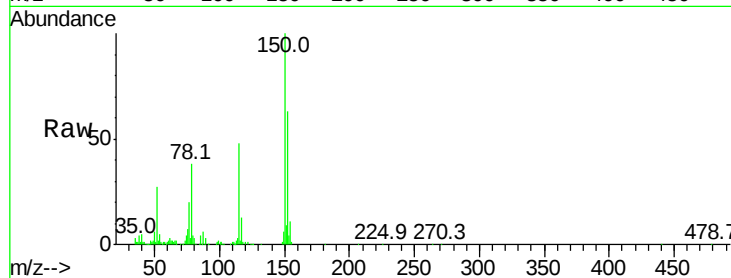


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.98 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF107501.D
 Acq: 19 Jul 2018 8:02

Instrument :
 BNA_F
 ClientSampleId :

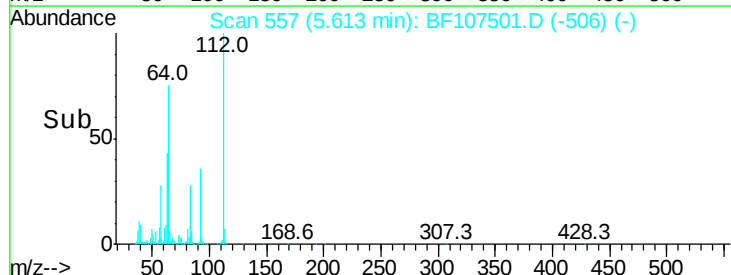
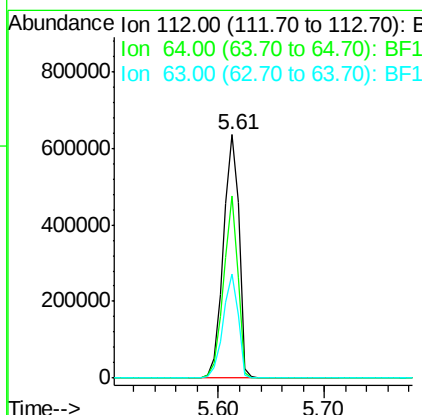
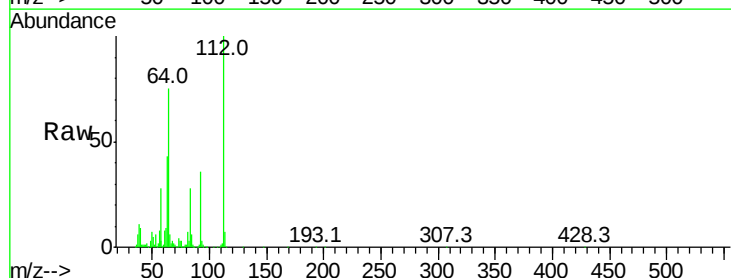
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.6	186.8
115	75.8	50.1	75.1#

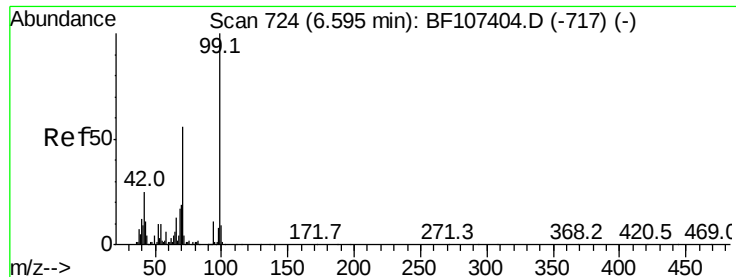


#5

2-Fluorophenol
 Concen: 80.522 ng
 RT: 5.61 min Scan# 557
 Delta R.T. 0.00 min
 Lab File: BF107501.D
 Acq: 19 Jul 2018 8:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.6	47.9	71.9#
63	42.7	23.7	35.5#





#7

Phenol-d6

Concen: 79.040 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF107501.D

Acq: 19 Jul 2018 8:02

Instrument :

BNA_F

ClientSampleId :

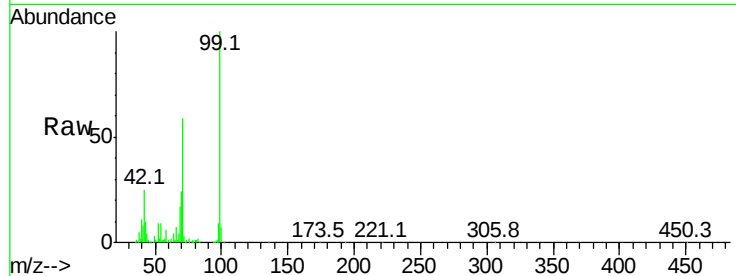
Tot Ion: 99 Resp: 833052

Ion Ratio Lower Upper

99 100

42 25.0 14.5 21.7#

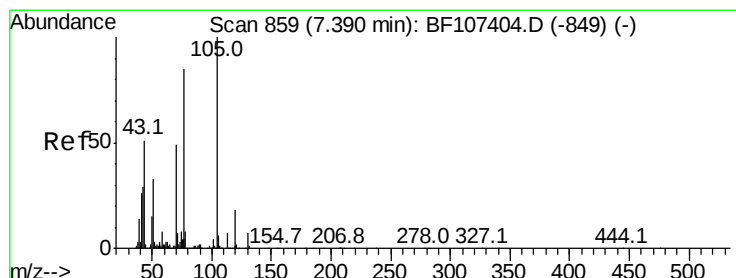
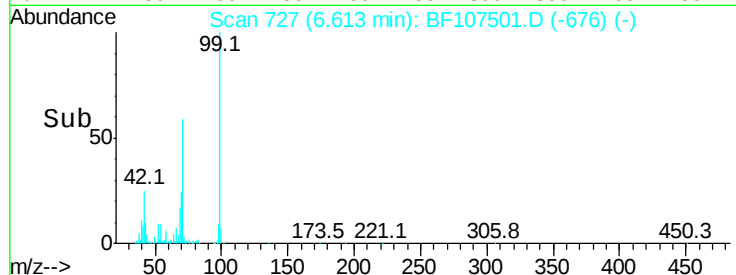
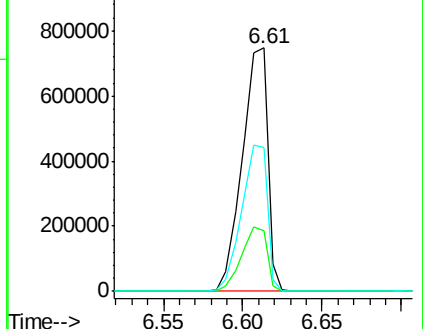
71 59.1 25.4 38.0#



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.397 ng

RT: 7.55 min Scan# 886

Delta R.T. 0.15 min

Lab File: BF107501.D

Acq: 19 Jul 2018 8:02

Tgt Ion: 70 Resp: 101099

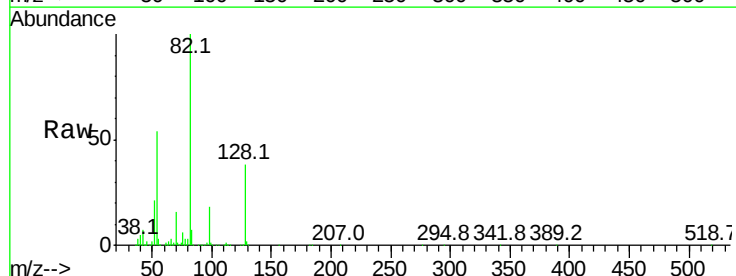
Ion Ratio Lower Upper

70 100

42 45.4 47.5 71.3#

101 0.0 7.4 11.2#

130 0.9 16.6 25.0#

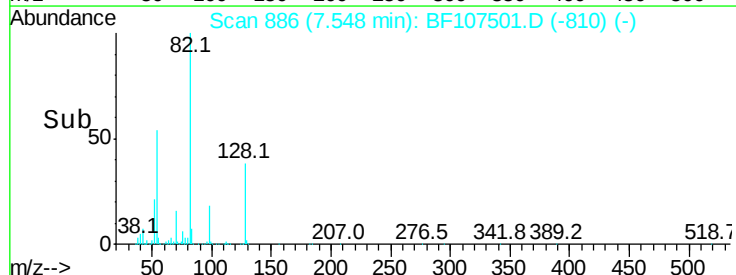
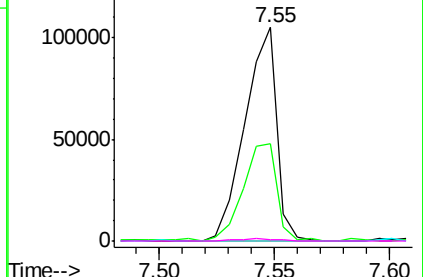


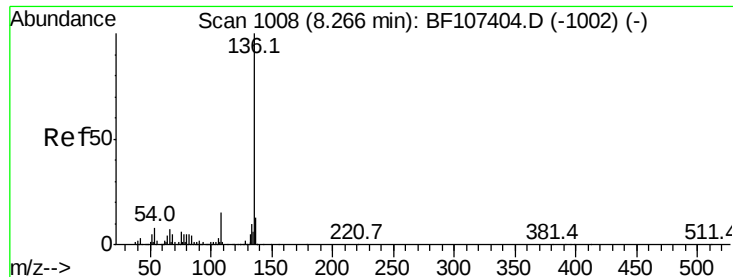
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

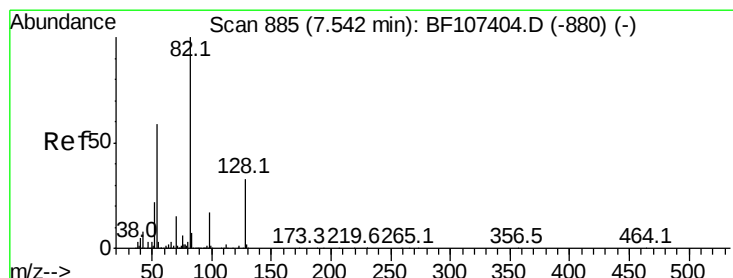
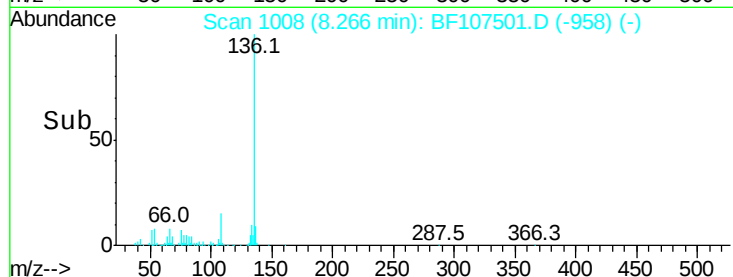
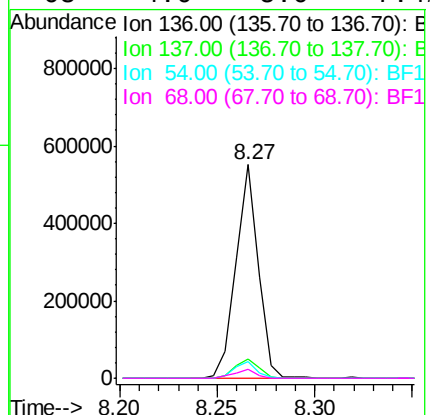
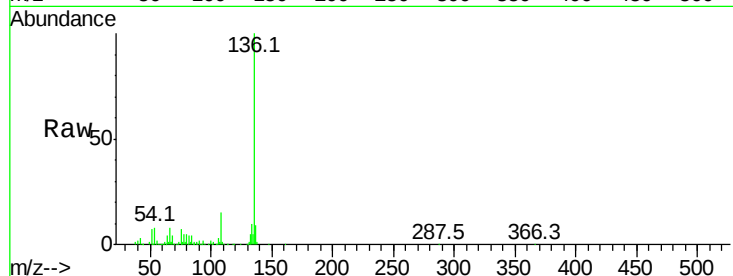




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.27 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF107501.D
Acq: 19 Jul 2018 8:02

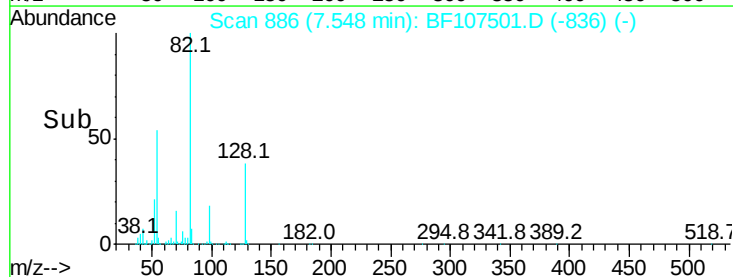
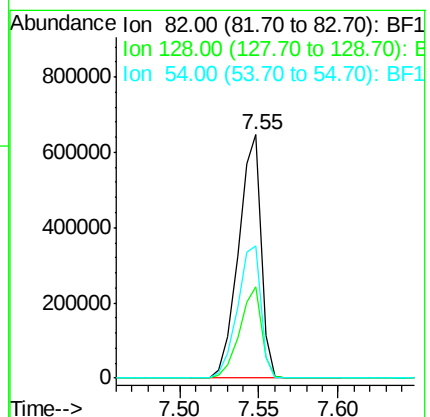
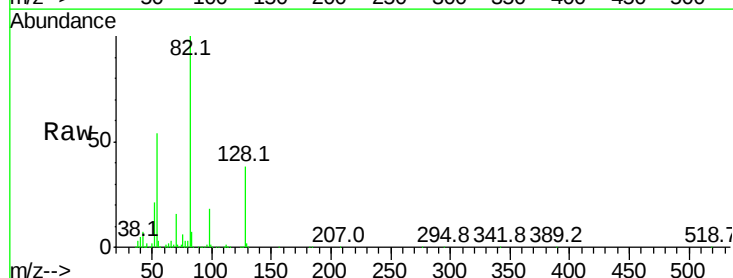
Instrument :
BNA_F
ClientSampleId :

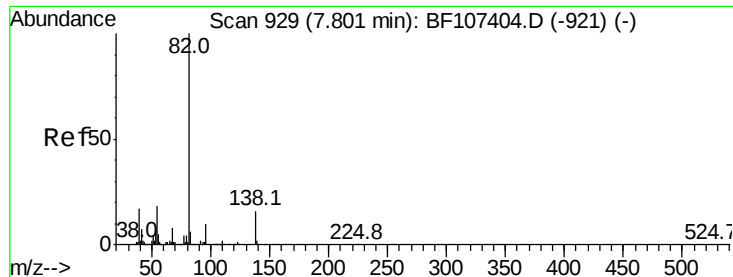
Tot Ion:136	Resp:	439339
Ion Ratio	Lower	Upper
136 100		
137 9.0	8.9	13.3
54 7.6	6.6	9.8
68 4.0	5.0	7.4#



#23
Nitrobenzene-d5
Concen: 77.042 ng
RT: 7.55 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF107501.D
Acq: 19 Jul 2018 8:02

Tgt Ion: 82	Resp:	634750
Ion Ratio	Lower	Upper
82 100		
128 37.6	36.1	54.1
54 54.2	41.4	62.2





#25

Isophorone

Concen: 38.868 ng

RT: 7.55 min Scan# 886

Delta R.T. -0.26 min

Lab File: BF107501.D

Acq: 19 Jul 2018 8:02

Instrument :

BNA_F

ClientSampleId :

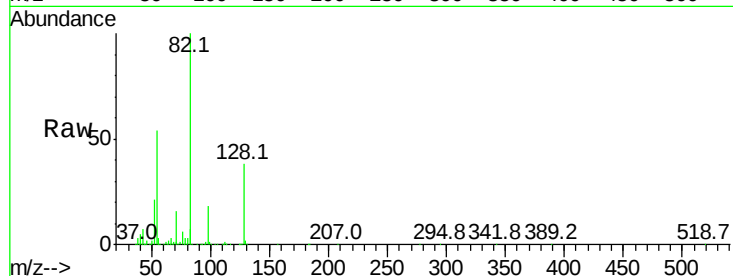
Tot Ion: 82 Resp: 634742

Ion Ratio Lower Upper

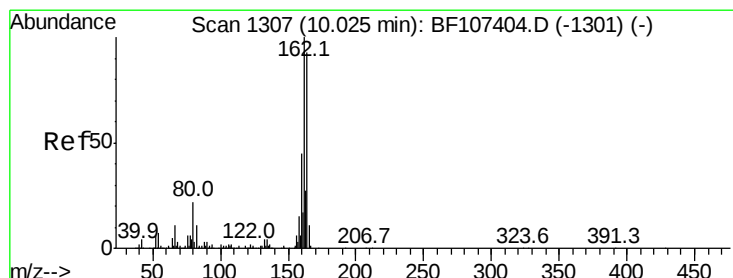
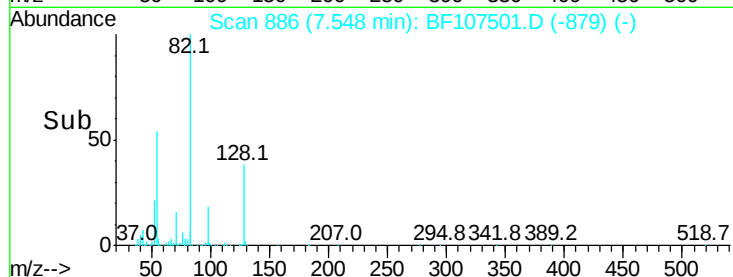
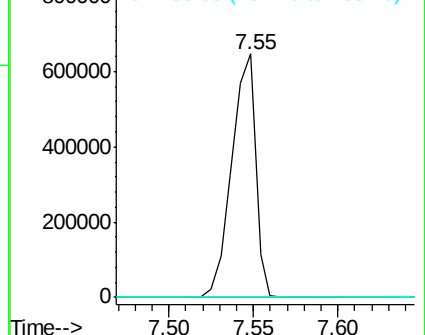
82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.02 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF107501.D

Acq: 19 Jul 2018 8:02

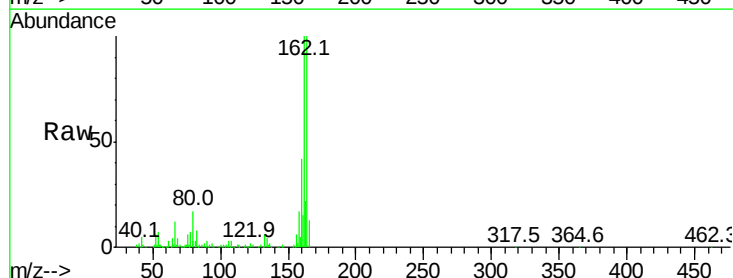
Tgt Ion: 164 Resp: 218652

Ion Ratio Lower Upper

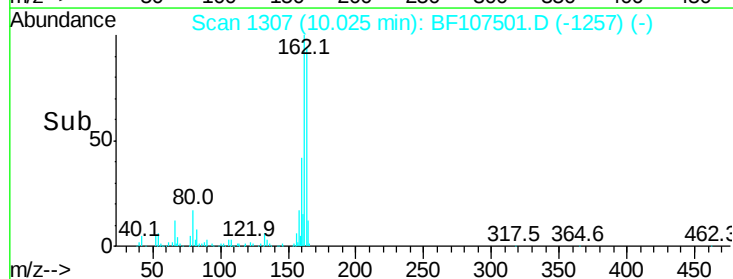
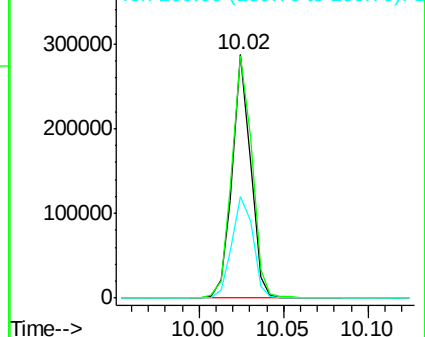
164 100

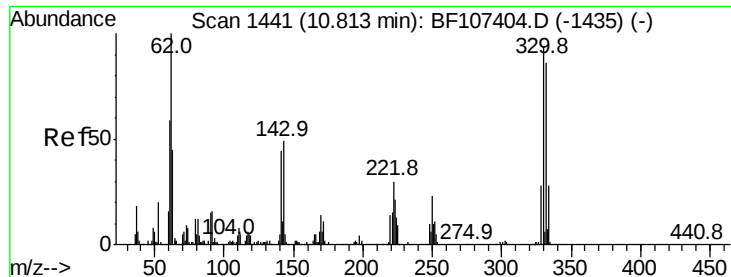
162 99.6 86.1 129.1

160 41.8 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

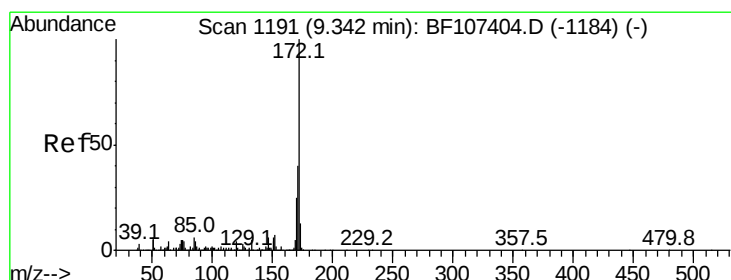
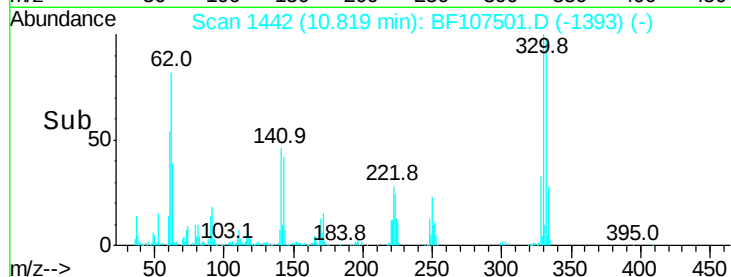
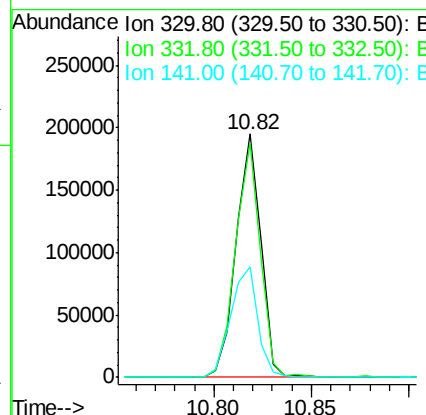
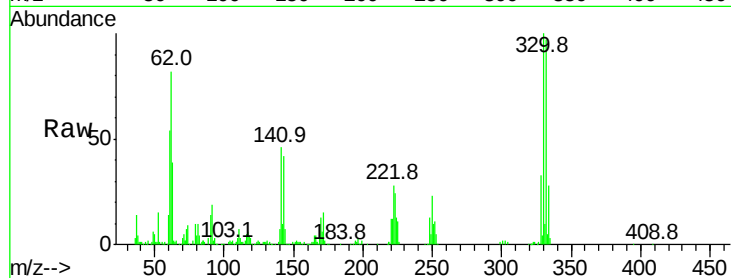




#41
 2,4,6-Tribromophenol
 Concen: 89.378 ng
 RT: 10.82 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF107501.D
 Acq: 19 Jul 2018 8:02

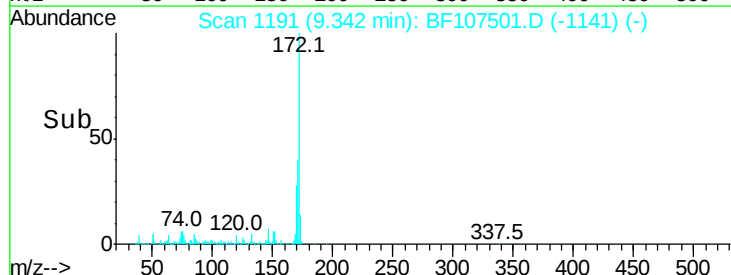
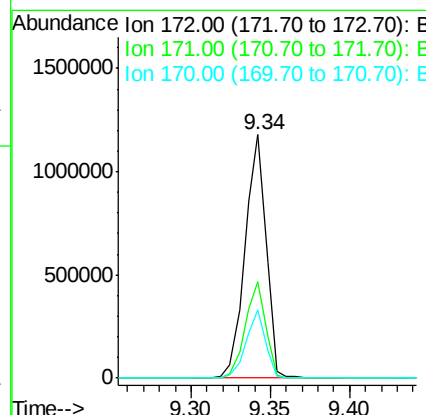
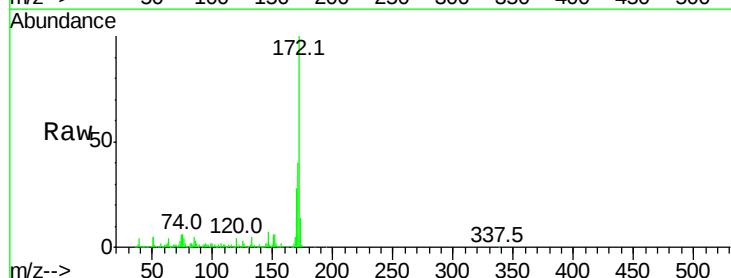
Instrument :
 BNA_F
 ClientSampleId :

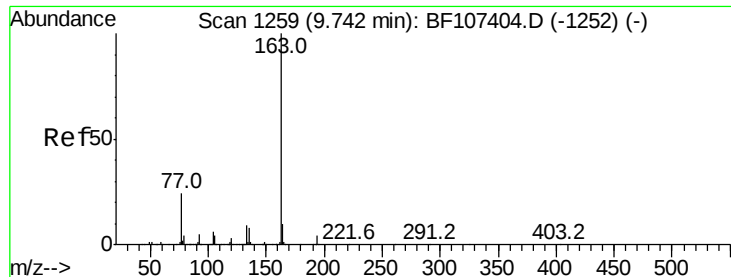
Tot Ion:330 Resp: 171705
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.0 115.6
 141 50.1 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 81.908 ng
 RT: 9.34 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BF107501.D
 Acq: 19 Jul 2018 8:02

Tgt Ion:172 Resp: 1079301
 Ion Ratio Lower Upper
 172 100
 171 39.8 29.7 44.5
 170 27.8 19.6 29.4

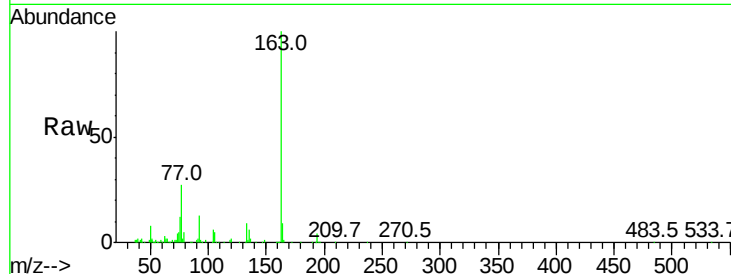




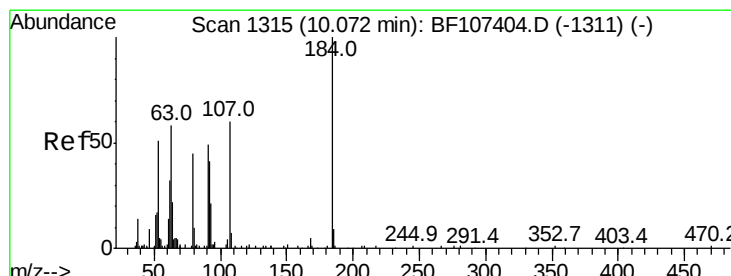
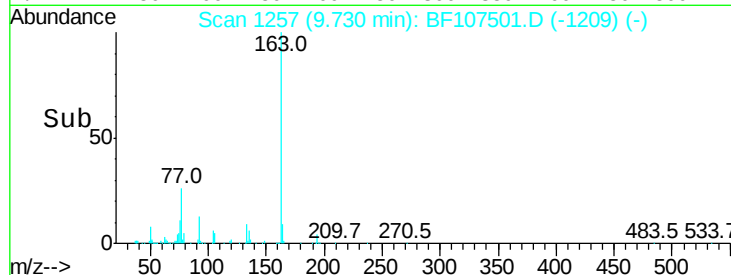
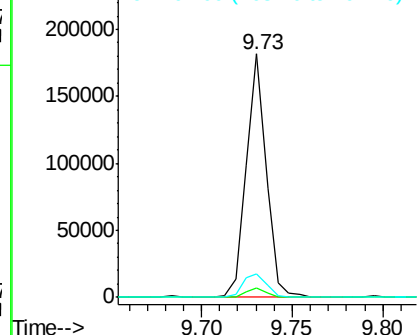
#49
Dimethylphthalate
Concen: 8.026 ng
RT: 9.73 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF107501.D
Acq: 19 Jul 2018 8:02

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 139428
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 9.4 8.2 12.2

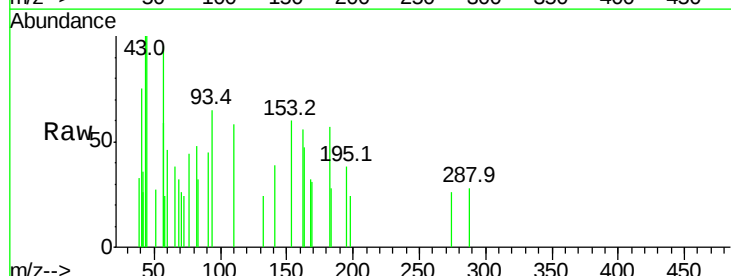


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

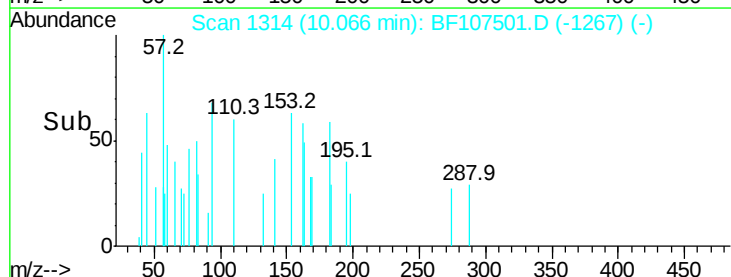
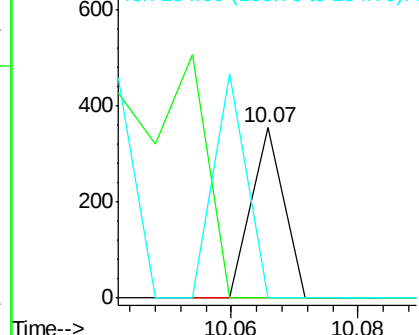


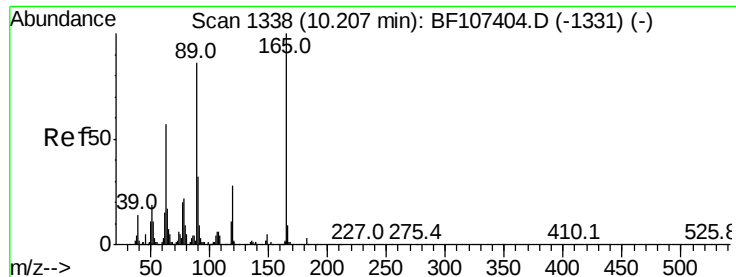
#53
2,4-Dinitrophenol
Concen: 2.403 ng
RT: 10.07 min Scan# 1314
Delta R.T. -0.02 min
Lab File: BF107501.D
Acq: 19 Jul 2018 8:02

Tgt Ion:184 Resp: 125
Ion Ratio Lower Upper
184 100
63 0.0 54.2 81.2#
154 0.0 184.0 276.0#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





#56

2,4-Dinitrotoluene

Concen: 6.443 ng

RT: 10.02 min Scan# 1307

Delta R.T. -0.19 min

Lab File: BF107501.D

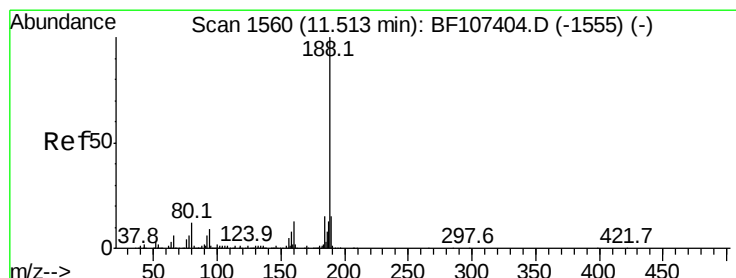
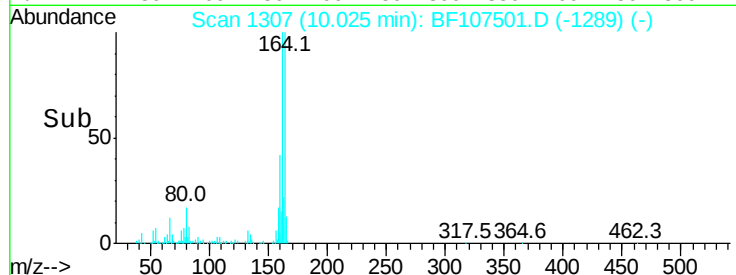
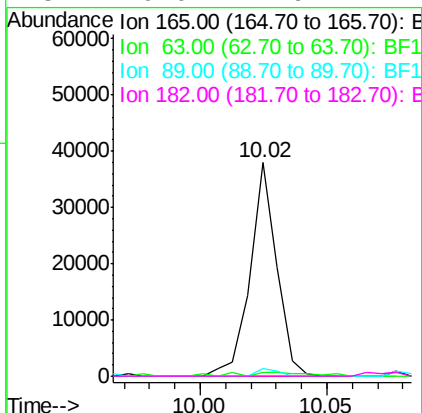
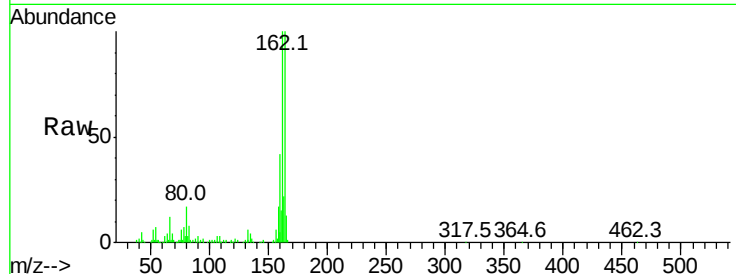
Acq: 19 Jul 2018 8:02

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165	Resp:	27840
Ion Ratio	Lower	Upper
165	100	
63	1.5	36.4 54.6#
89	3.7	57.8 86.6#
182	0.0	1.6 2.4#



#63

Phenanthrene-d10

Concen: 20.000 ng

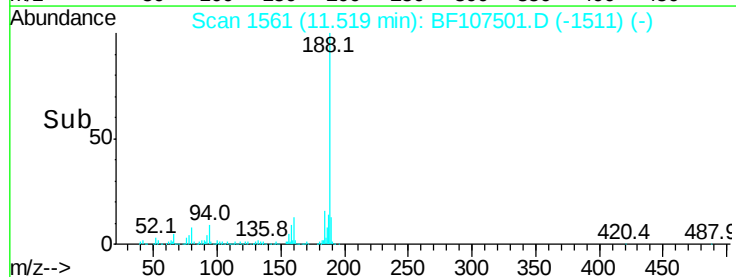
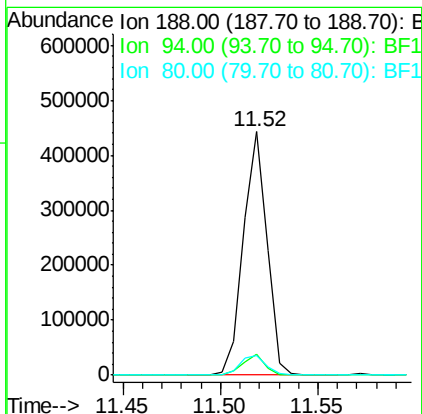
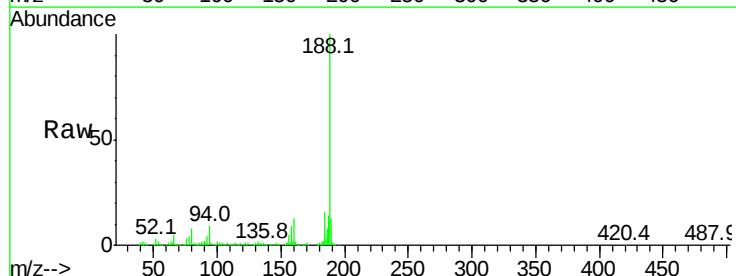
RT: 11.52 min Scan# 1561

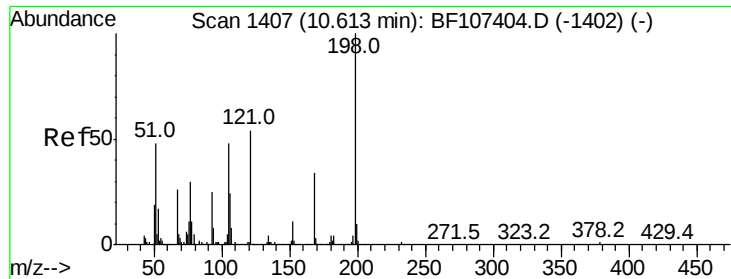
Delta R.T. -0.01 min

Lab File: BF107501.D

Acq: 19 Jul 2018 8:02

Tgt Ion:188	Resp:	372182
Ion Ratio	Lower	Upper
188	100	
94	8.7	8.5 12.7
80	8.1	9.2 13.8#





#64

4,6-Dinitro-2-methylphenol

Concen: 7.676 ng

RT: 10.82 min Scan# 1442

Delta R.T. 0.19 min

Lab File: BF107501.D

Acq: 19 Jul 2018 8:02

Instrument :

BNA_F

ClientSampled :

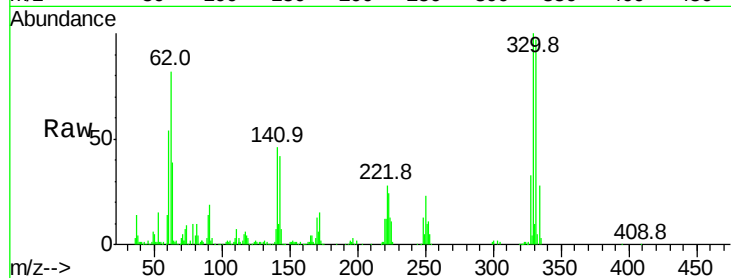
Tot Ion:198 Resp: 441

Ion Ratio Lower Upper

198 100

51 182.0 37.7 77.7#

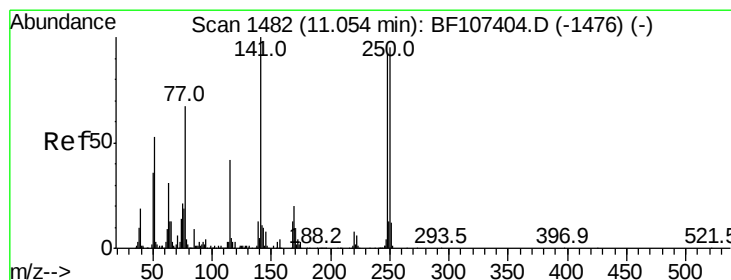
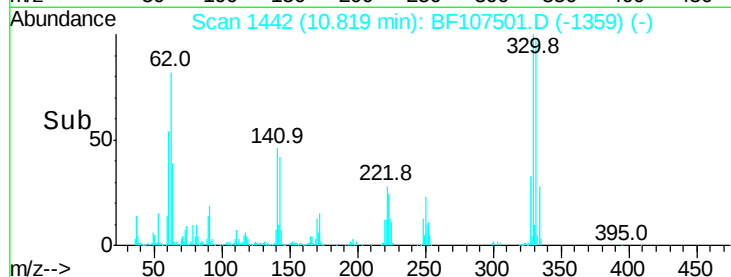
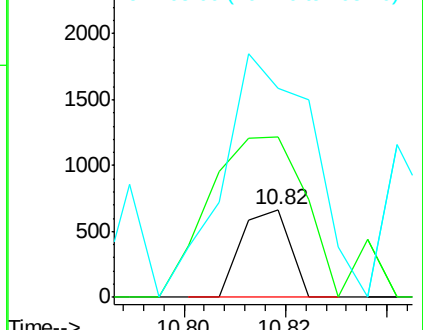
105 237.9 36.3 76.3#



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



#66

4-Bromophenyl-phenylether

Concen: 4.728 ng

RT: 10.82 min Scan# 1442

Delta R.T. -0.25 min

Lab File: BF107501.D

Acq: 19 Jul 2018 8:02

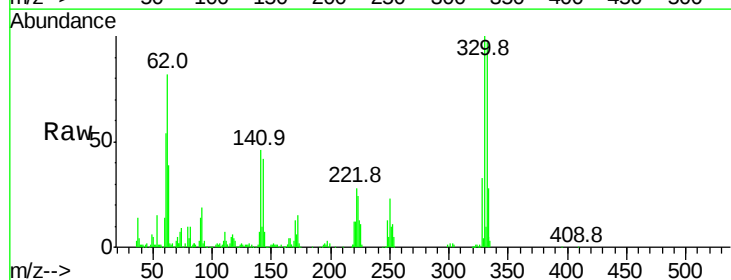
Tgt Ion:248 Resp: 20133

Ion Ratio Lower Upper

248 100

250 171.8 76.9 115.3#

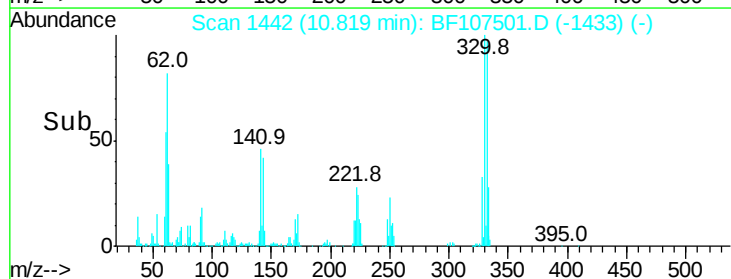
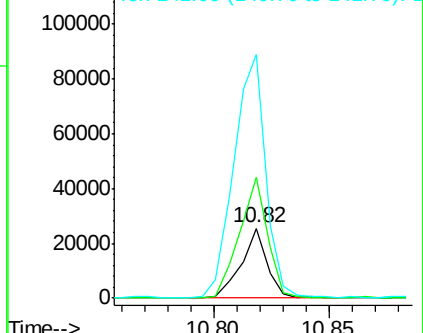
141 347.5 74.4 111.6#

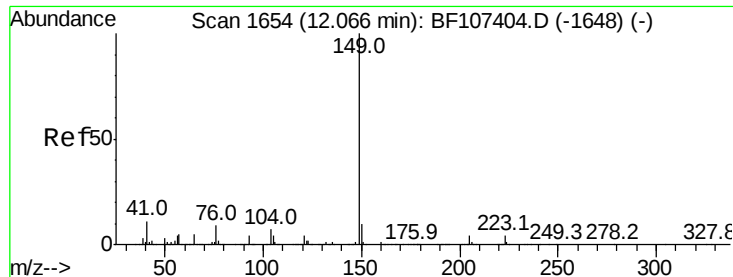


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#73

Di-n-butylphthalate

Concen: 2.198 ng

RT: 12.07 min Scan# 1654

Delta R.T. -0.01 min

Lab File: BF107501.D

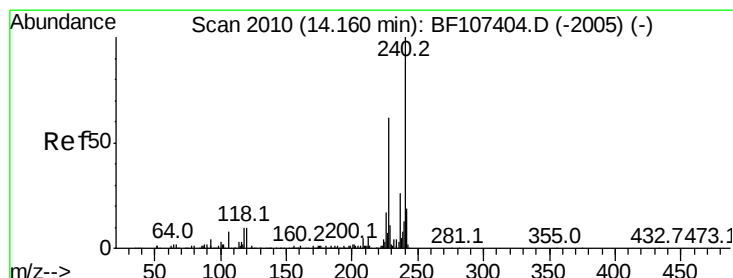
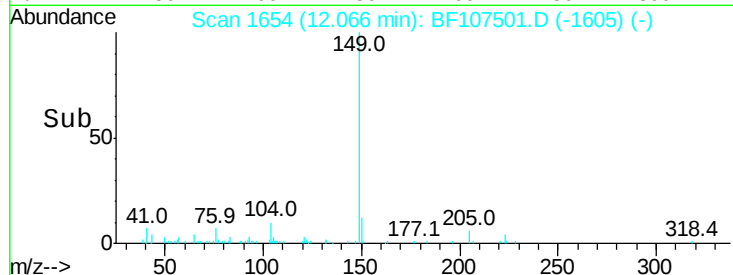
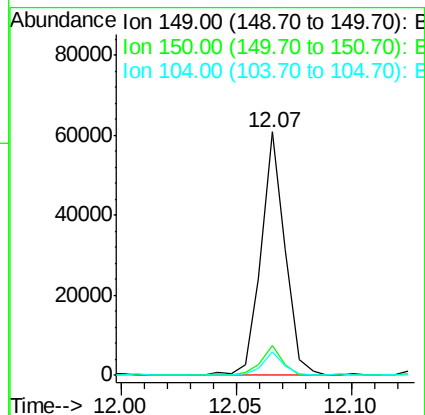
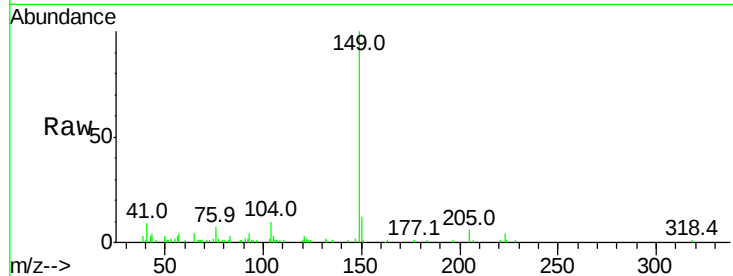
Acq: 19 Jul 2018 8:02

Instrument :

BNA_F

ClientSampleId :

Tot Ion:149	Resp:	44176
Ion Ratio	Lower	Upper
149	100	
150	12.1	7.8 11.6#
104	9.5	3.8 5.8#



#75

Chrysene-d12

Concen: 20.000 ng

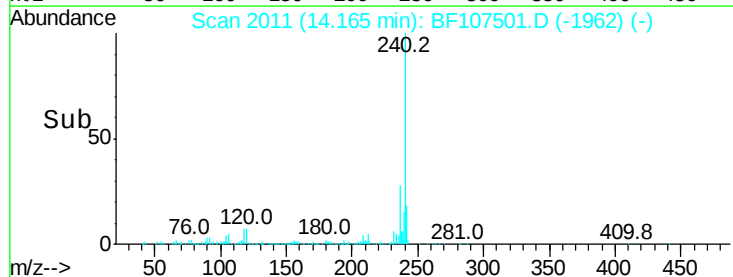
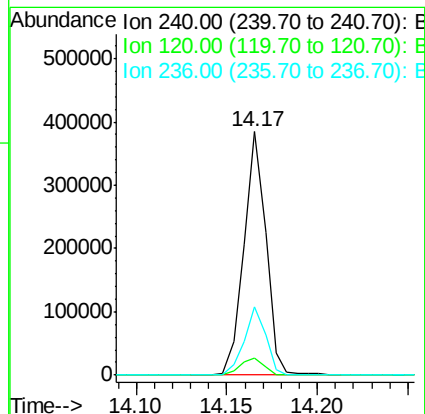
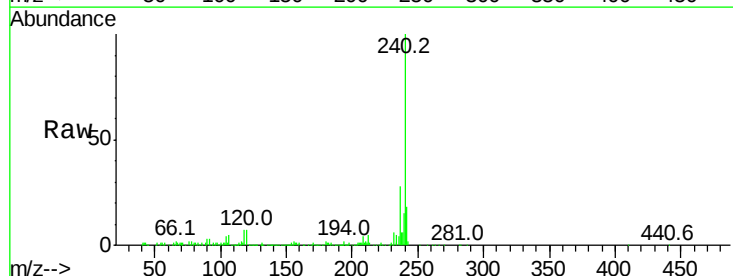
RT: 14.17 min Scan# 2011

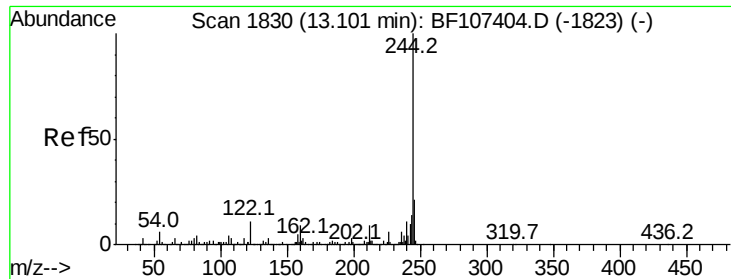
Delta R.T. -0.01 min

Lab File: BF107501.D

Acq: 19 Jul 2018 8:02

Tgt Ion:240	Resp:	326457
Ion Ratio	Lower	Upper
240	100	
120	7.1	9.5 14.3#
236	28.0	20.7 31.1





#78

Terphenyl-d14

Concen: 71.040 ng

RT: 13.11 min Scan# 1831

Delta R.T. -0.01 min

Lab File: BF107501.D

Acq: 19 Jul 2018 8:02

Instrument :

BNA_F

ClientSampleId :

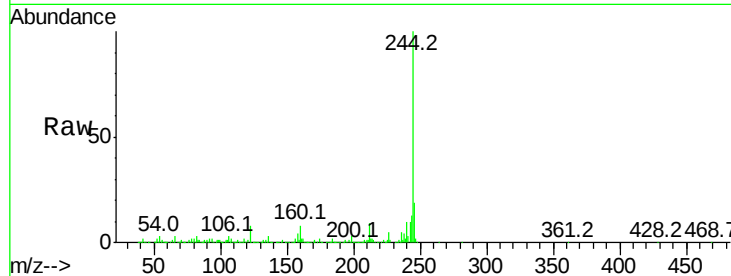
Tot Ion:244 Resp: 933423

Ion Ratio Lower Upper

244 100

212 8.8 5.4 8.0#

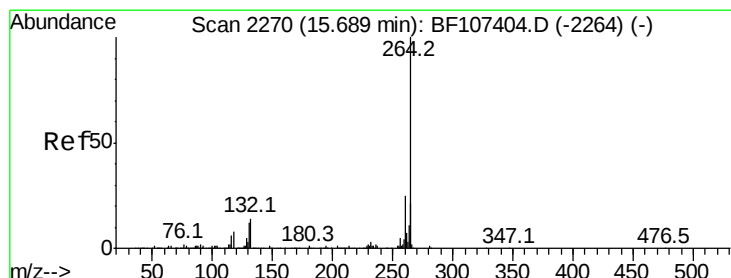
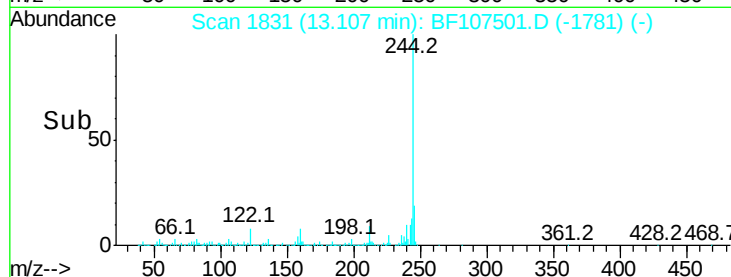
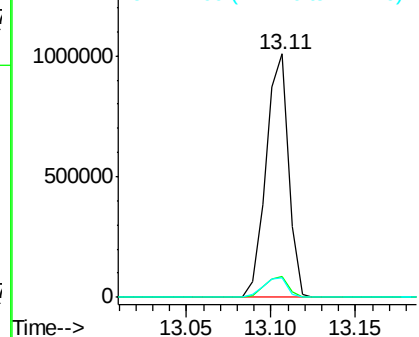
122 7.9 11.0 16.4#



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.71 min Scan# 2273

Delta R.T. -0.01 min

Lab File: BF107501.D

Acq: 19 Jul 2018 8:02

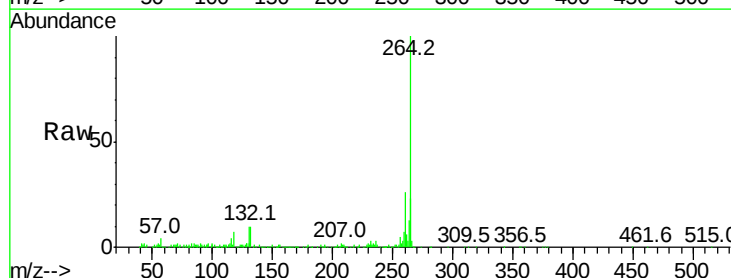
Tgt Ion:264 Resp: 307212

Ion Ratio Lower Upper

264 100

260 26.3 19.2 28.8

265 22.7 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

