

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071618\
 Data File : BF107435.D
 Acq On : 17 Jul 2018 6:07
 Operator : JU/SJ
 Sample : J3633-05
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-1(0-3)

Quant Time: Jul 17 07:23:39 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 16 17:24:26 2018
 Response via : Initial Calibration

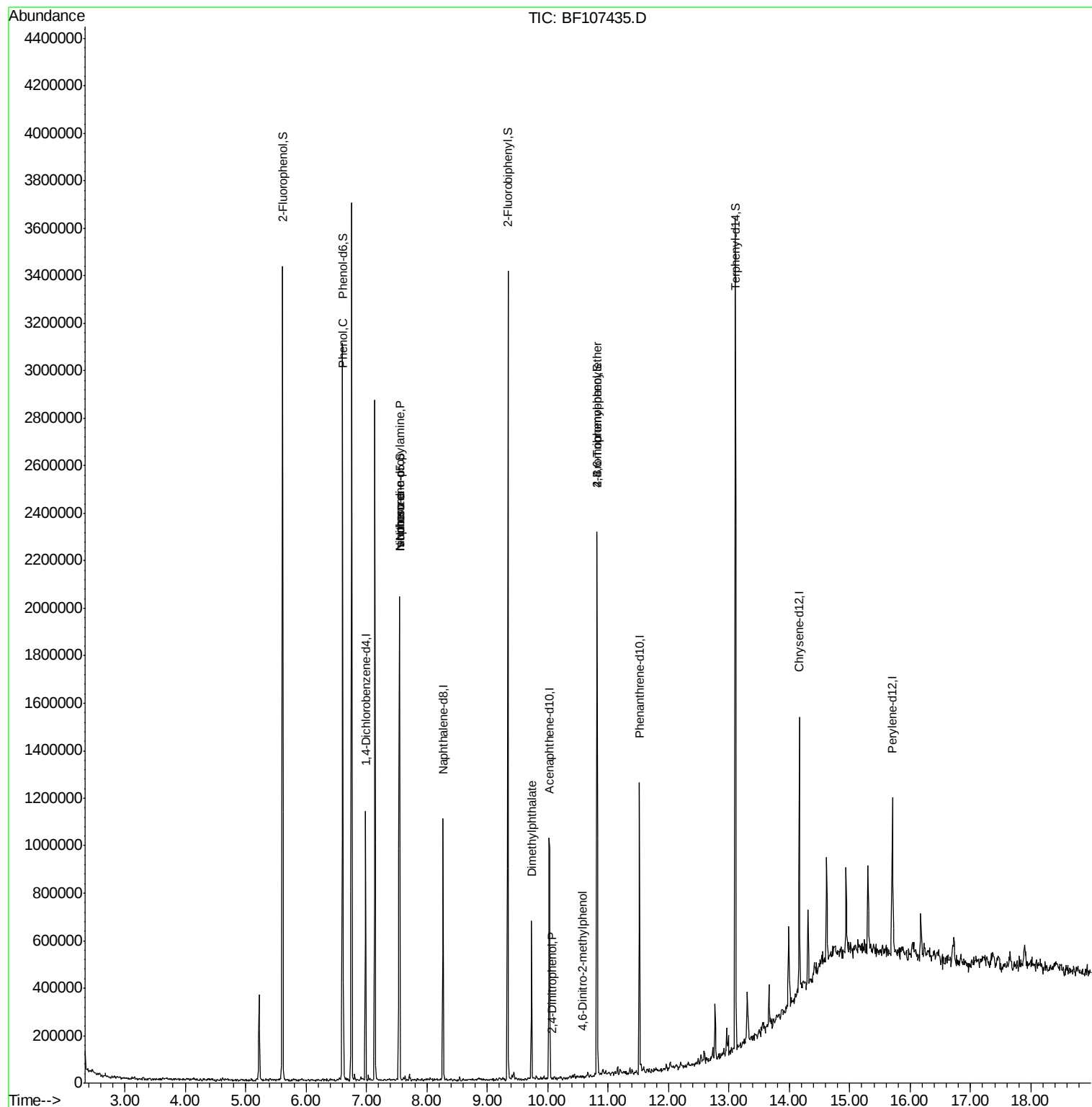
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	128612	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	402454	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	184354	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	389389	20.00	ng	0.00
75) Chrysene-d12	14.17	240	371054	20.00	ng	0.00
86) Perylene-d12	15.70	264	234845	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	770500	90.99	ng	0.02
7) Phenol-d6	6.61	99	989070	90.34	ng	0.01
23) Nitrobenzene-d5	7.55	82	654344	86.70	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	172310	106.38	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	897718	80.64	ng	0.00
78) Terphenyl-d14	13.11	244	1045243	69.99	ng	0.00
Target Compounds						
10) Phenol	6.62	94	29804	2.539	ng	79
19) n-Nitroso-di-n-propylamine	7.55	70	107512	13.715	ng	# 71
25) Isophorone	7.55	82	654327	43.739	ng	# 64
49) Dimethylphthalate	9.73	163	201849	13.780	ng	99
53) 2,4-Dinitrophenol	10.08	184	692	3.279	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.57	198	121	7.538	ng	# 1
66) 4-Bromophenyl-phenylether	10.82	248	23188	5.205	ng	# 1

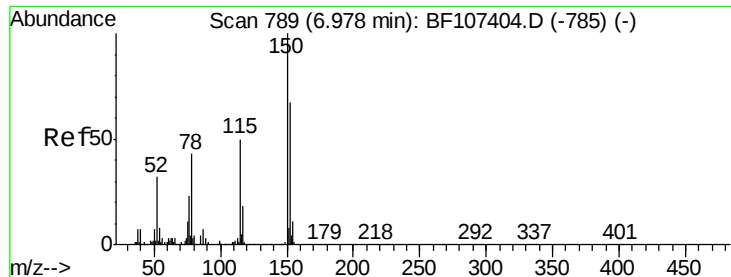
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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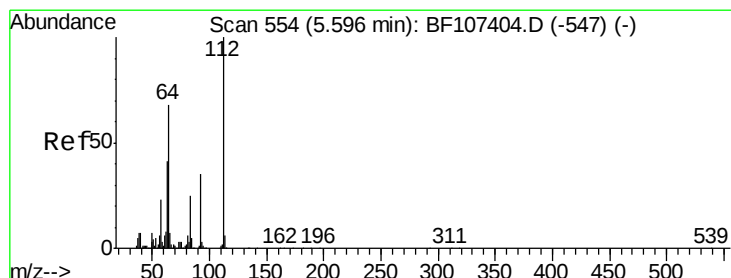
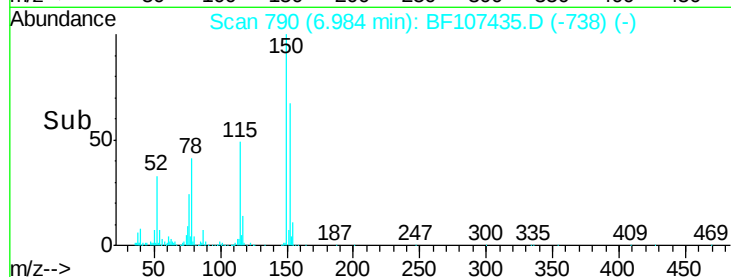
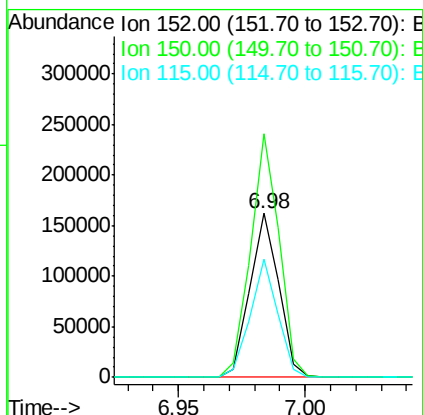
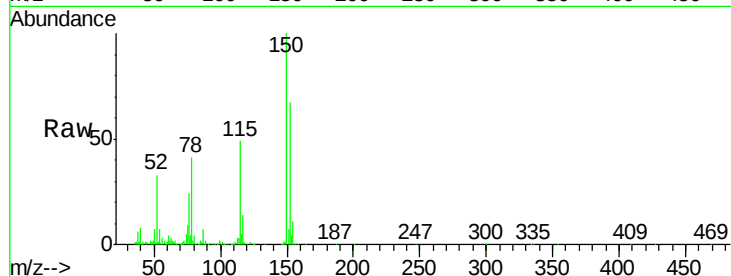


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 790
Delta R.T. 0.01 min
Lab File: BF107435.D
Acq: 17 Jul 2018 6:07

Instrument :
BNA_F
ClientSampleId :
C-1(0-3)

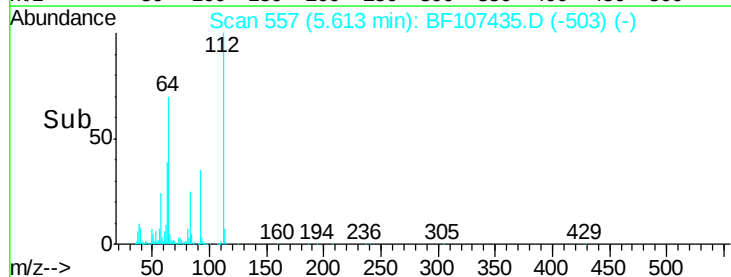
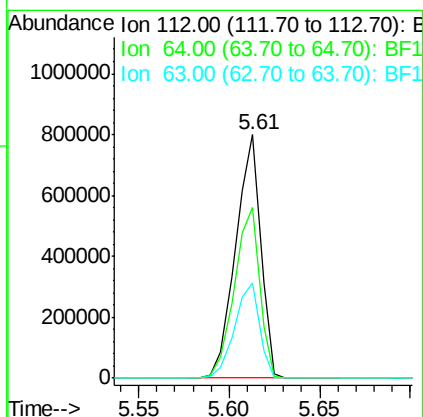
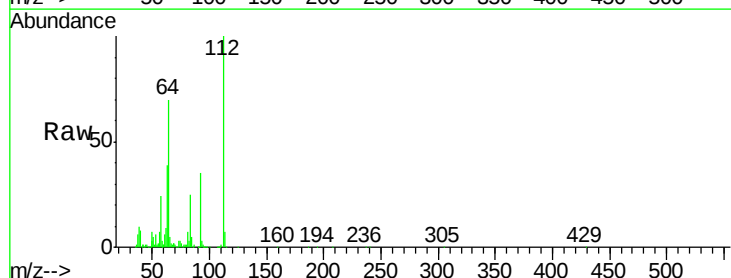
Tgt Ion:152 Resp: 128612
Ion Ratio Lower Upper
152 100
150 148.4 124.6 186.8
115 72.3 50.1 75.1

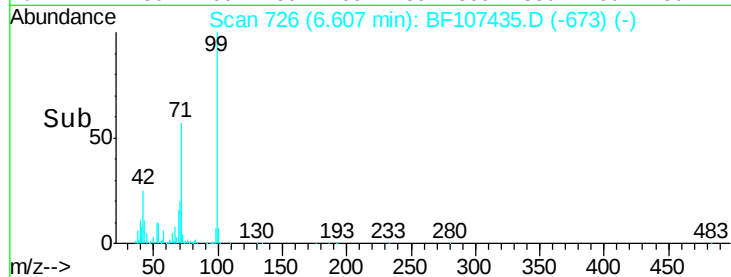
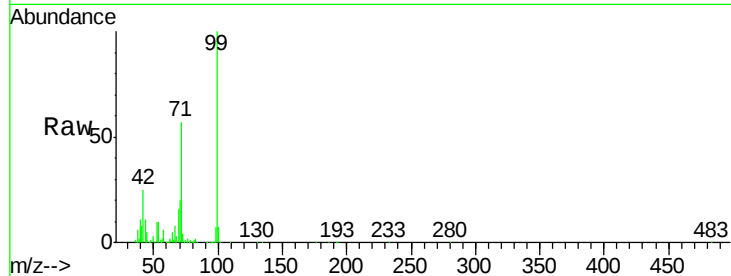
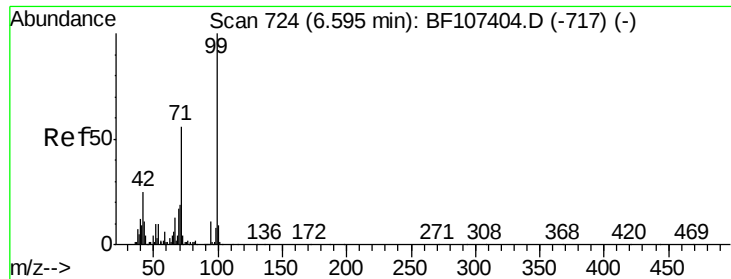


#5

2-Fluorophenol
Concen: 90.986 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.02 min
Lab File: BF107435.D
Acq: 17 Jul 2018 6:07

Tgt Ion:112 Resp: 770500
Ion Ratio Lower Upper
112 100
64 69.8 47.9 71.9
63 39.2 23.7 35.5#





#7

Phenol-d6

Concen: 90.338 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.01 min

Lab File: BF107435.D

Acq: 17 Jul 2018 6:07

Instrument :

BNA_F

ClientSampleId :

C-1(0-3)

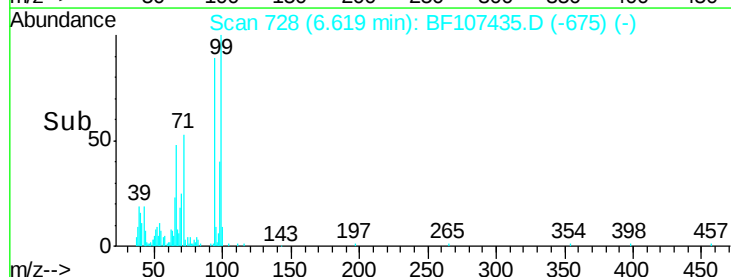
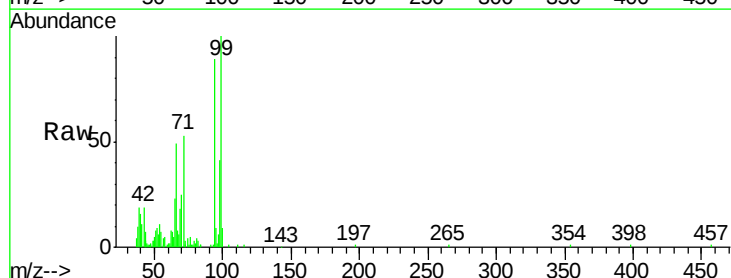
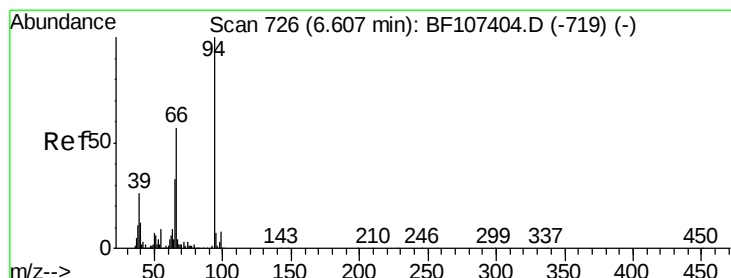
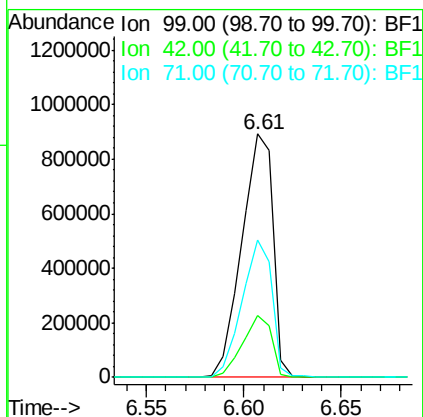
Tgt Ion: 99 Resp: 989070

Ion Ratio Lower Upper

99 100

42 25.3 14.5 21.7#

71 56.7 25.4 38.0#



#10

Phenol

Concen: 2.539 ng

RT: 6.62 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF107435.D

Acq: 17 Jul 2018 6:07

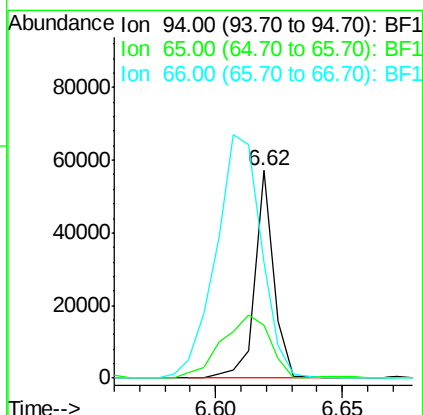
Tgt Ion: 94 Resp: 29804

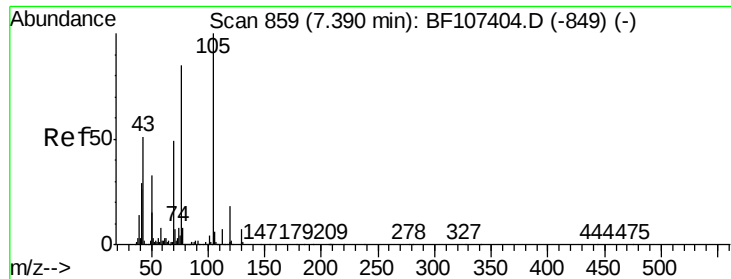
Ion Ratio Lower Upper

94 100

65 25.5 7.9 47.9

66 55.6 16.2 56.2

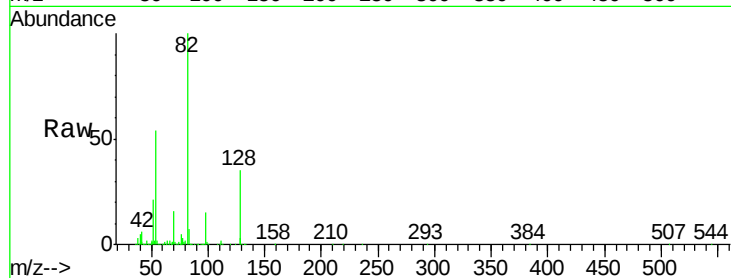




#19
n-Nitroso-di-n-propylamine
Concen: 13.715 ng
RT: 7.55 min Scan# 886
Delta R.T. 0.16 min
Lab File: BF107435.D
Acq: 17 Jul 2018 6:07

Instrument :
BNA_F
ClientSampleId :
C-1(0-3)

Tgt Ion:	70	Resp:	107512
Ion	Ratio	Lower	Upper
70	100		
42	40.1	47.5	71.3#
101	0.0	7.4	11.2#
130	1.2	16.6	25.0#

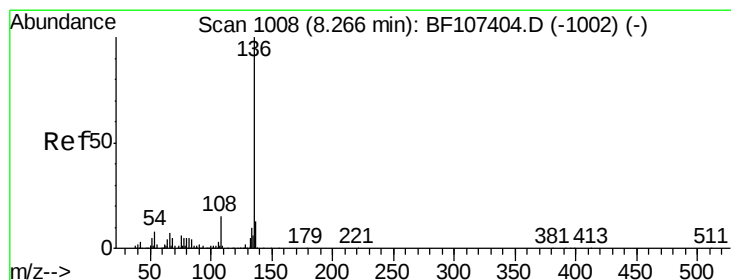
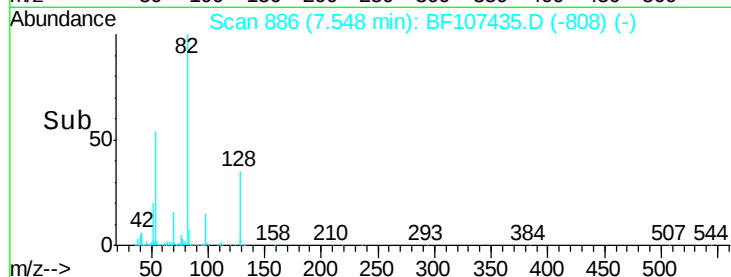
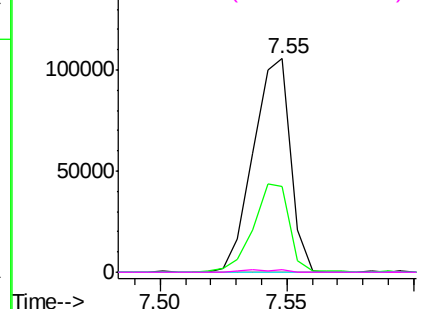


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

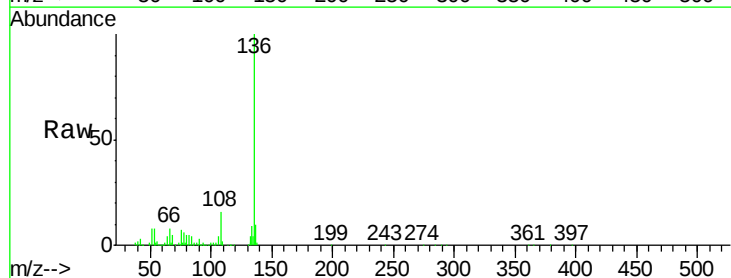
Ion 101.00 (100.70 to 101.70): BF1

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. -0.00 min
Lab File: BF107435.D
Acq: 17 Jul 2018 6:07

Tgt Ion:	136	Resp:	402454
Ion	Ratio	Lower	Upper
136	100		
137	10.0	8.9	13.3
54	8.5	6.6	9.8
68	5.0	5.0	7.4

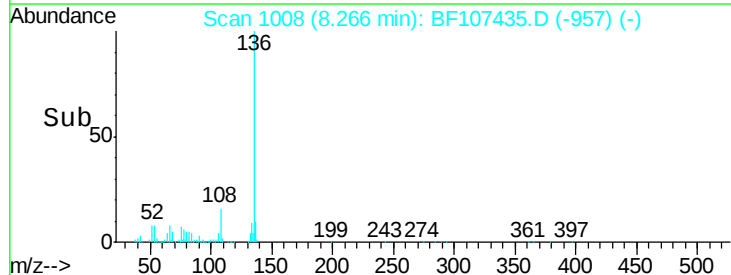
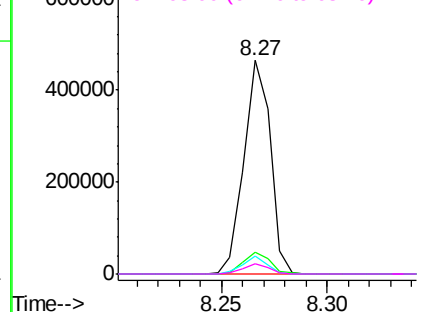


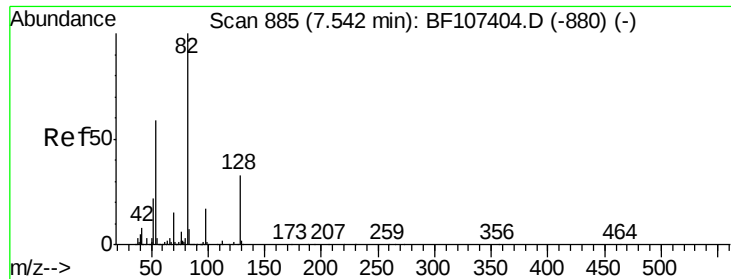
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

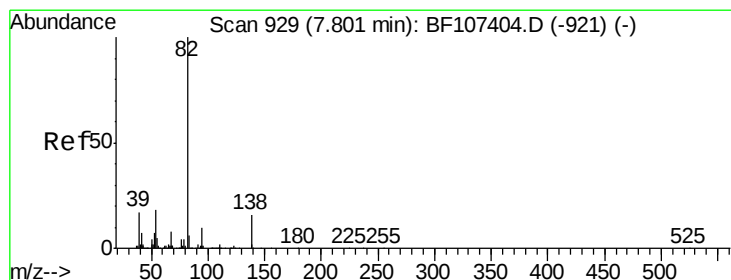
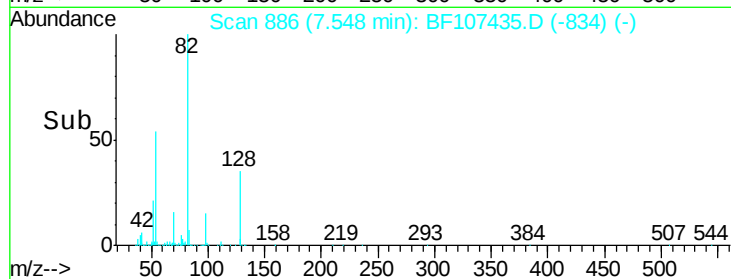
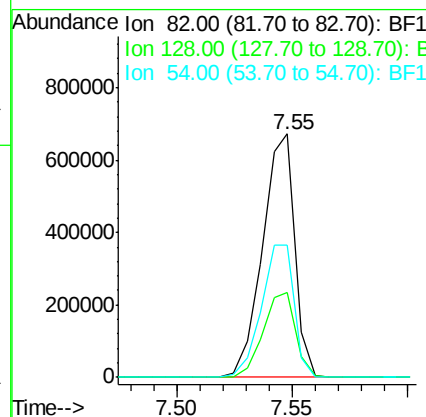
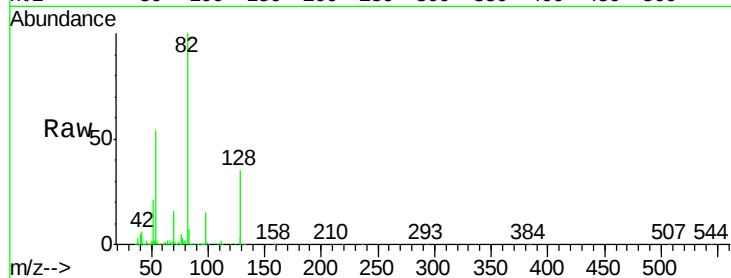




#23
 Nitrobenzene-d5
 Concen: 86.699 ng
 RT: 7.55 min Scan# 886
 Delta R.T. 0.01 min
 Lab File: BF107435.D
 Acq: 17 Jul 2018 6:07

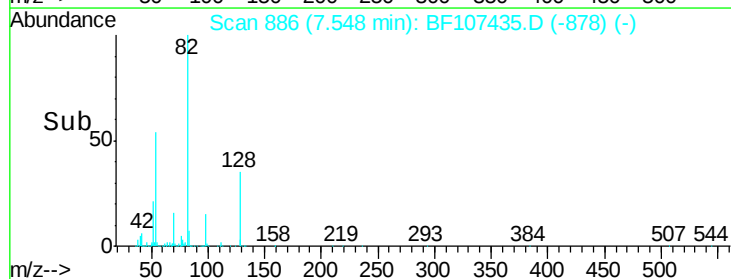
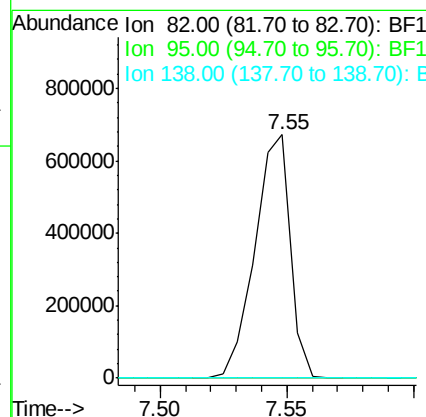
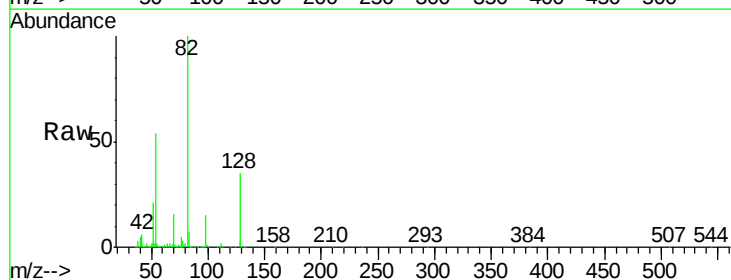
Instrument :
 BNA_F
 ClientSampleId :
 C-1(0-3)

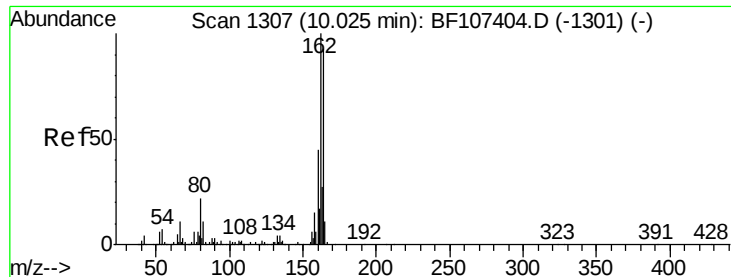
Tgt Ion: 82 Resp: 654344
 Ion Ratio Lower Upper
 82 100
 128 35.0 36.1 54.1#
 54 54.1 41.4 62.2



#25
 Isophorone
 Concen: 43.739 ng
 RT: 7.55 min Scan# 886
 Delta R.T. -0.25 min
 Lab File: BF107435.D
 Acq: 17 Jul 2018 6:07

Tgt Ion: 82 Resp: 654327
 Ion Ratio Lower Upper
 82 100
 95 0.1 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. -0.00 min

Lab File: BF107435.D

Acq: 17 Jul 2018 6:07

Instrument :

BNA_F

ClientSampleId :

C-1(0-3)

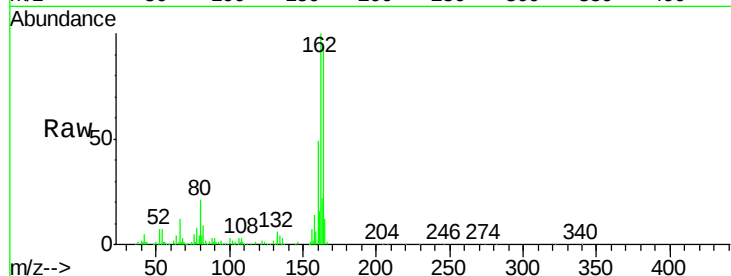
Tgt Ion:164 Resp: 184354

Ion Ratio Lower Upper

164 100

162 106.7 86.1 129.1

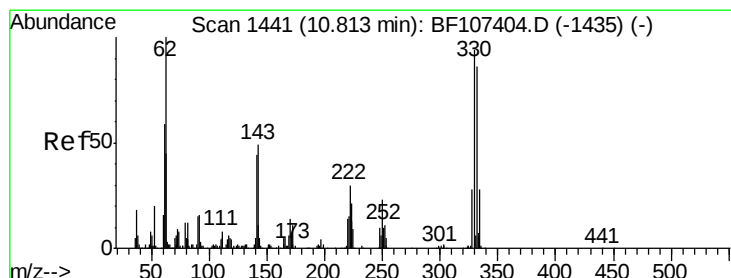
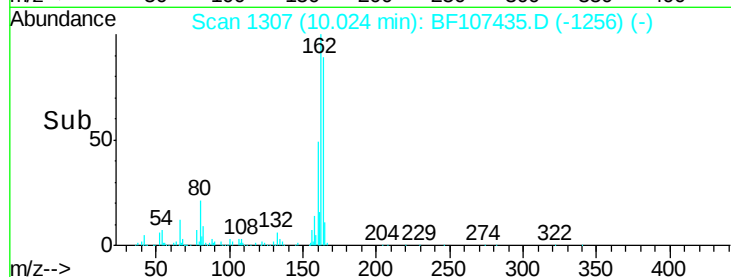
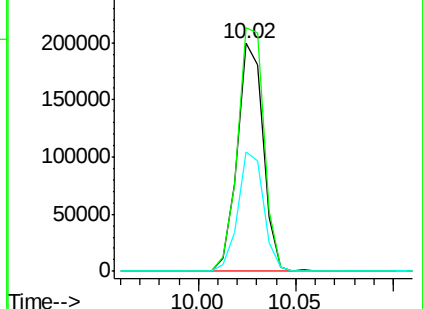
160 52.3 38.3 57.5



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: 106.379 ng

RT: 10.82 min Scan# 1442

Delta R.T. 0.01 min

Lab File: BF107435.D

Acq: 17 Jul 2018 6:07

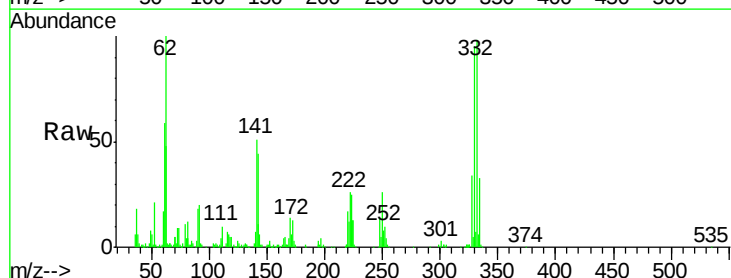
Tgt Ion:330 Resp: 172310

Ion Ratio Lower Upper

330 100

332 100.1 77.0 115.6

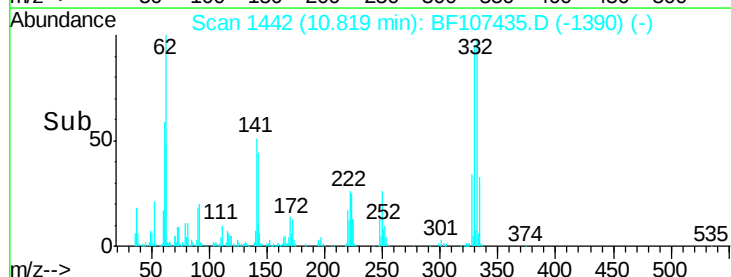
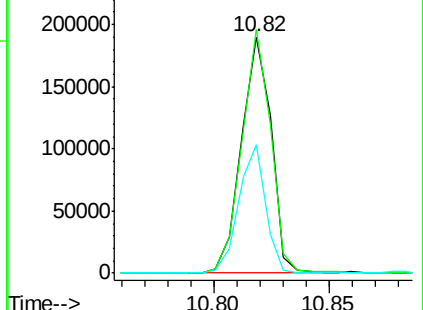
141 48.7 29.9 44.9#

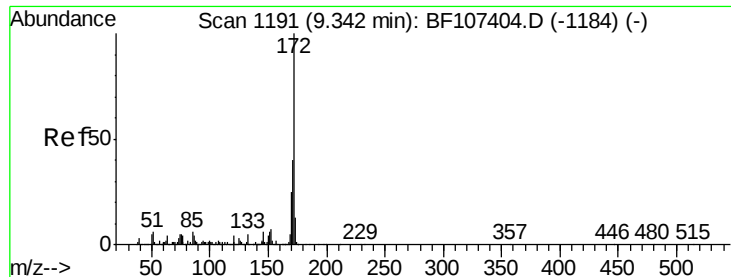


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

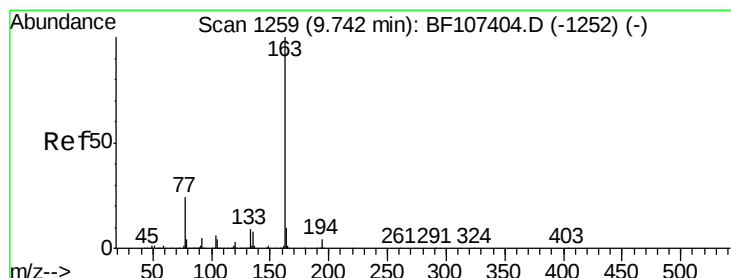
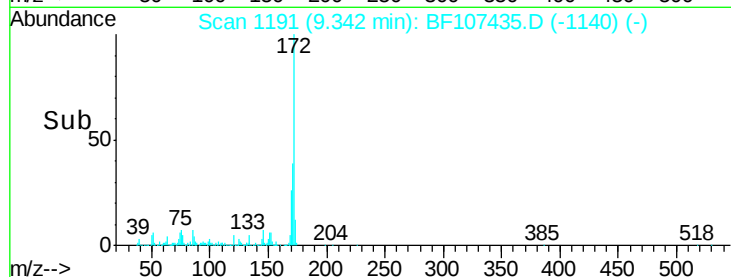
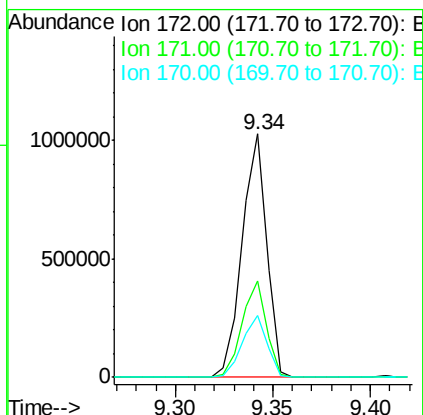
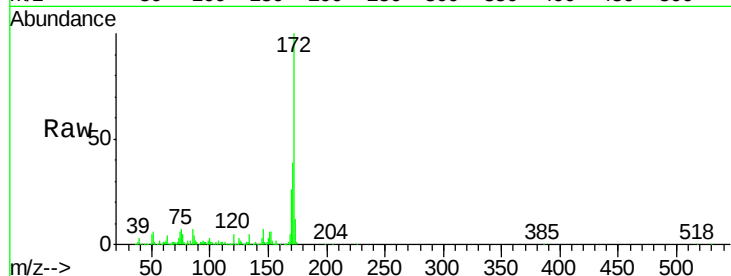




#44
 2-Fluorobiphenyl
 Concen: 80.635 ng
 RT: 9.34 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BF107435.D
 Acq: 17 Jul 2018 6:07

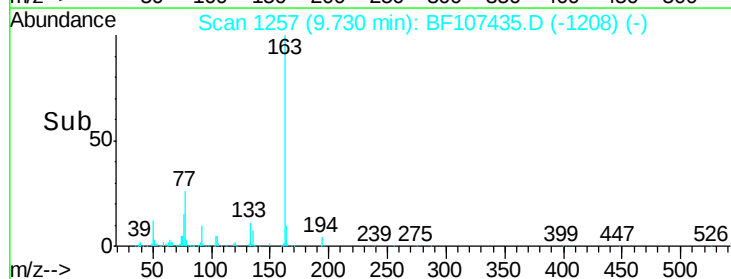
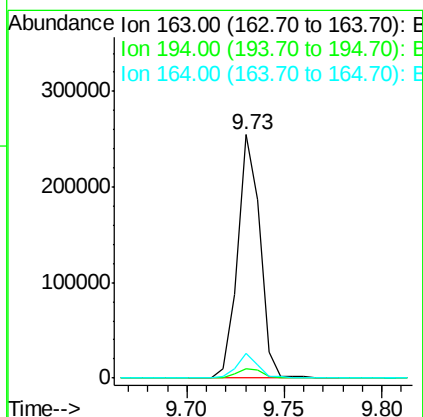
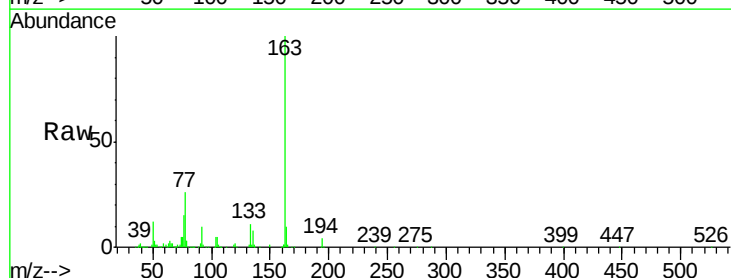
Instrument :
 BNA_F
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 C-1(0-3)

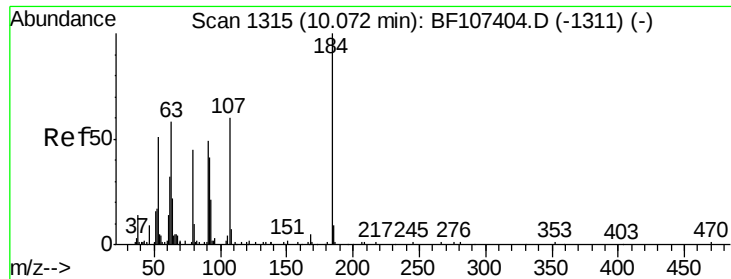
Tgt Ion:172 Resp: 897718
 Ion Ratio Lower Upper
 172 100
 171 39.4 29.7 44.5
 170 25.5 19.6 29.4



#49
 Dimethylphthalate
 Concen: 13.780 ng
 RT: 9.73 min Scan# 1257
 Delta R.T. -0.01 min
 Lab File: BF107435.D
 Acq: 17 Jul 2018 6:07

Tgt Ion:163 Resp: 201849
 Ion Ratio Lower Upper
 163 100
 194 3.9 2.7 4.1
 164 10.1 8.2 12.2

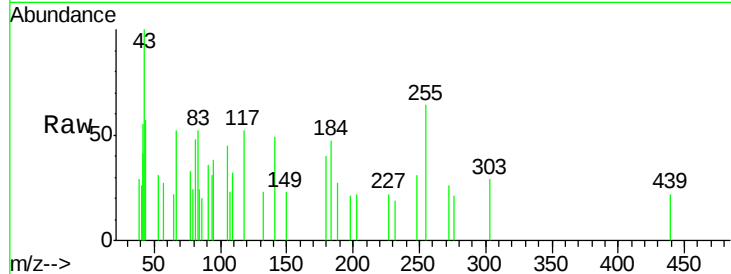




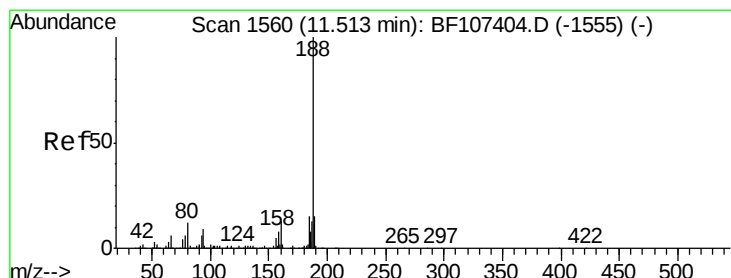
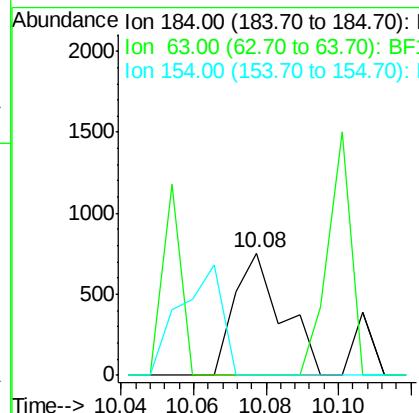
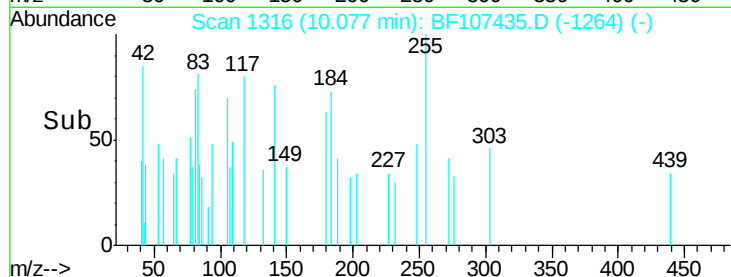
#53
2,4-Dinitrophenol
Concen: 3.279 ng
RT: 10.08 min Scan# 1316
Delta R.T. 0.01 min
Lab File: BF107435.D
Acq: 17 Jul 2018 6:07

Instrument :
BNA_F
ClientSampleId :
C-1(0-3)

Tgt Ion:184 Resp: 692
Ion Ratio Lower Upper
184 100
63 0.0 54.2 81.2#
154 0.0 184.0 276.0#

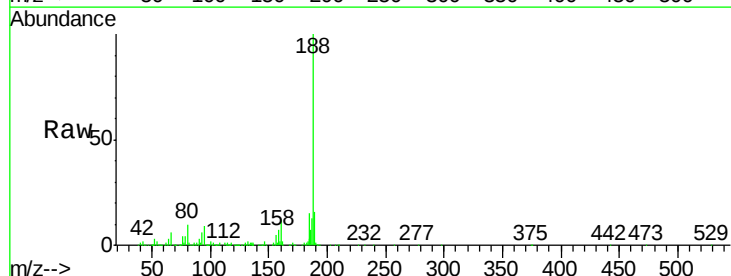


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

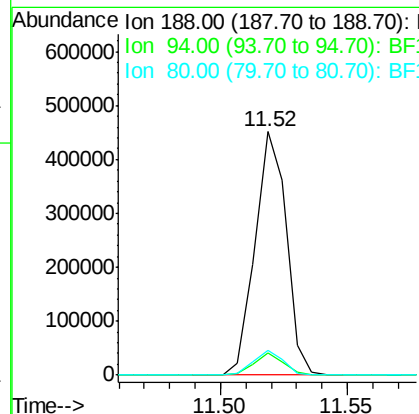
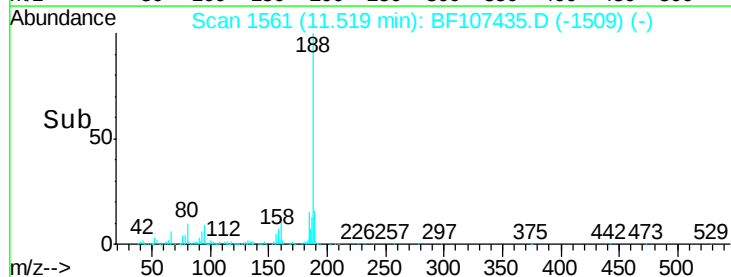


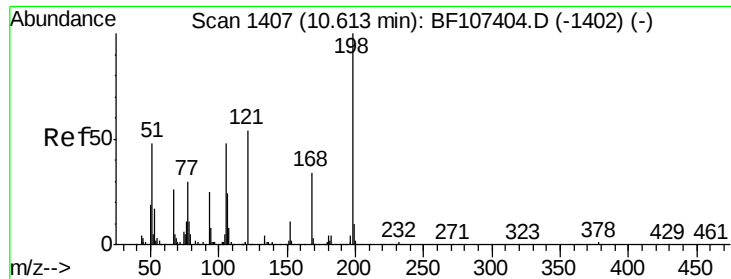
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.52 min Scan# 1561
Delta R.T. 0.01 min
Lab File: BF107435.D
Acq: 17 Jul 2018 6:07

Tgt Ion:188 Resp: 389389
Ion Ratio Lower Upper
188 100
94 8.9 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

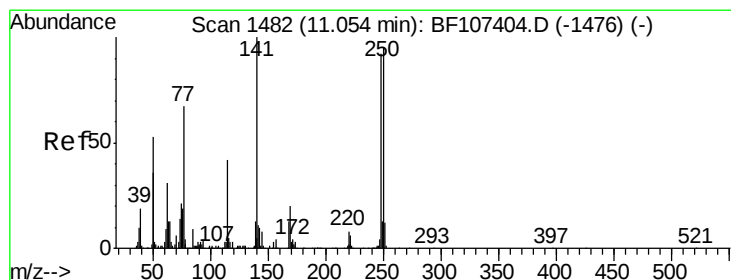
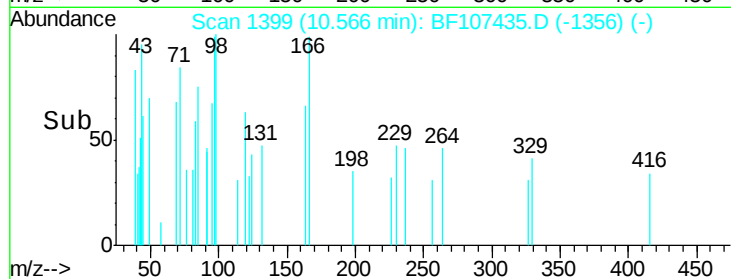
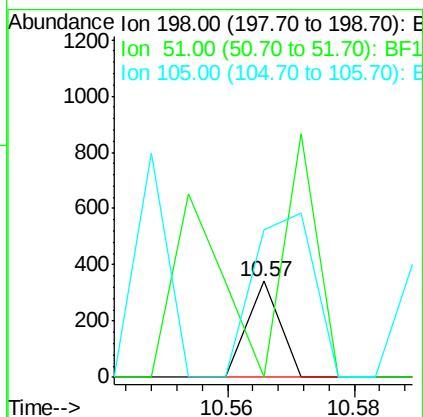
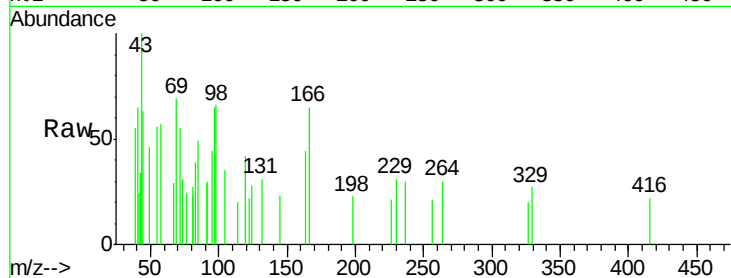




#64
4,6-Dinitro-2-methylphenol
Concen: 7.538 ng
RT: 10.57 min Scan# 1399
Delta R.T. -0.05 min
Lab File: BF107435.D
Acq: 17 Jul 2018 6:07

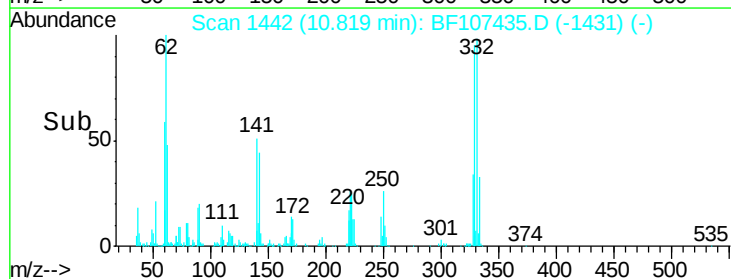
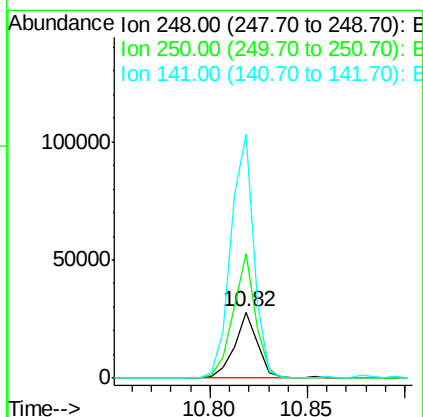
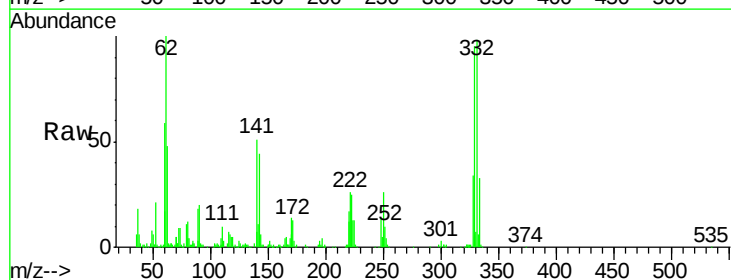
Instrument :
BNA_F
ClientSampleId :
C-1(0-3)

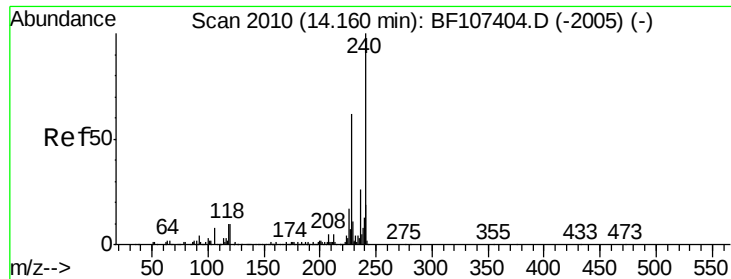
Tgt Ion:198 Resp: 121
Ion Ratio Lower Upper
198 100
51 0.0 37.7 77.7#
105 153.5 36.3 76.3#



#66
4-Bromophenyl-phenylether
Concen: 5.205 ng
RT: 10.82 min Scan# 1442
Delta R.T. -0.24 min
Lab File: BF107435.D
Acq: 17 Jul 2018 6:07

Tgt Ion:248 Resp: 23188
Ion Ratio Lower Upper
248 100
250 188.2 76.9 115.3#
141 367.5 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.17 min Scan# 2011

Delta R.T. 0.01 min

Lab File: BF107435.D

Acq: 17 Jul 2018 6:07

Instrument :

BNA_F

ClientSampleId :

C-1(0-3)

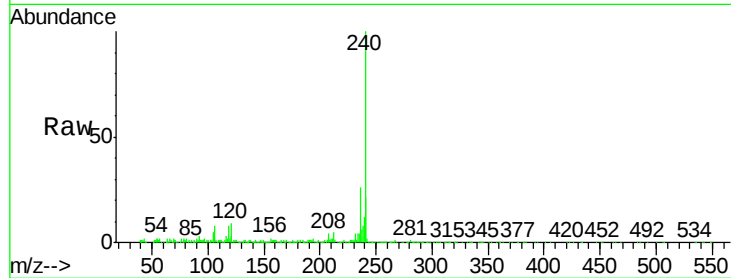
Tgt Ion:240 Resp: 371054

Ion Ratio Lower Upper

240 100

120 9.0 9.5 14.3#

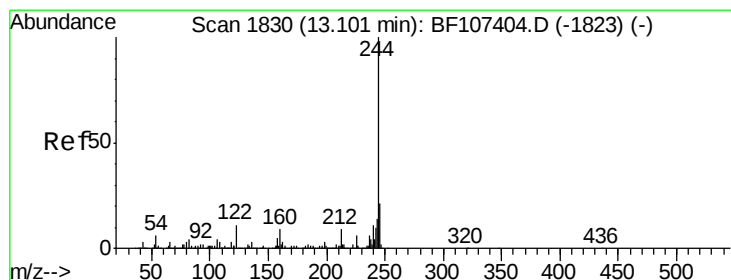
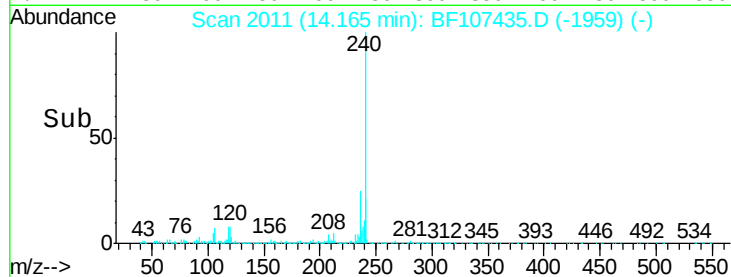
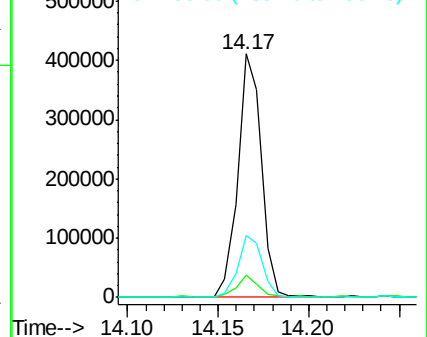
236 25.5 20.7 31.1



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: 69.989 ng

RT: 13.11 min Scan# 1831

Delta R.T. 0.01 min

Lab File: BF107435.D

Acq: 17 Jul 2018 6:07

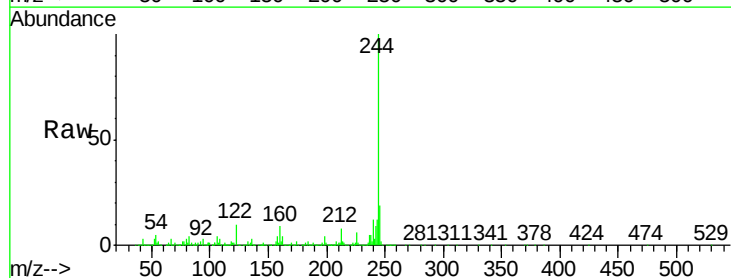
Tgt Ion:244 Resp: 1045243

Ion Ratio Lower Upper

244 100

212 8.1 5.4 8.0#

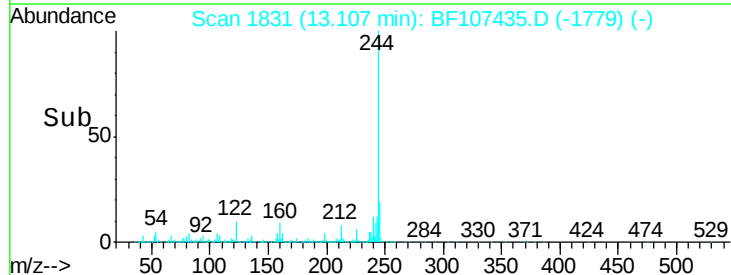
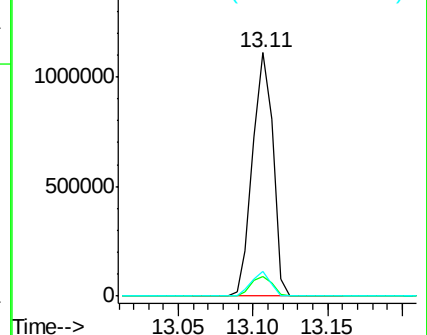
122 10.0 11.0 16.4#

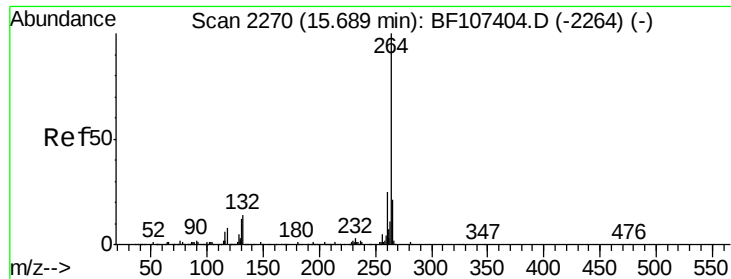


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.70 min Scan# 2272
Delta R.T. 0.01 min
Lab File: BF107435.D
Acq: 17 Jul 2018 6:07

Instrument :
BNA_F
ClientSampleId :
C-1(0-3)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.2	28.8
265	20.5	17.5	26.3

