

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062218\
 Data File : BF106755.D
 Acq On : 23 Jun 2018 12:35
 Operator : JU/SJ
 Sample : J3597-07
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-28

Quant Time: Jun 25 01:19:49 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 22 11:34:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	42959	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	142266	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	59577	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	116100	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	131411	20.00	ng	-0.01
86) Perylene-d12	15.68	264	96070	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	147669	58.21	ng	0.00
7) Phenol-d6	6.60	99	105875	33.42	ng	0.00
23) Nitrobenzene-d5	7.52	82	236478	92.38	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	97168	140.72	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	401393	120.14	ng	-0.01
78) Terphenyl-d14	13.08	244	490052	90.33	ng	0.00

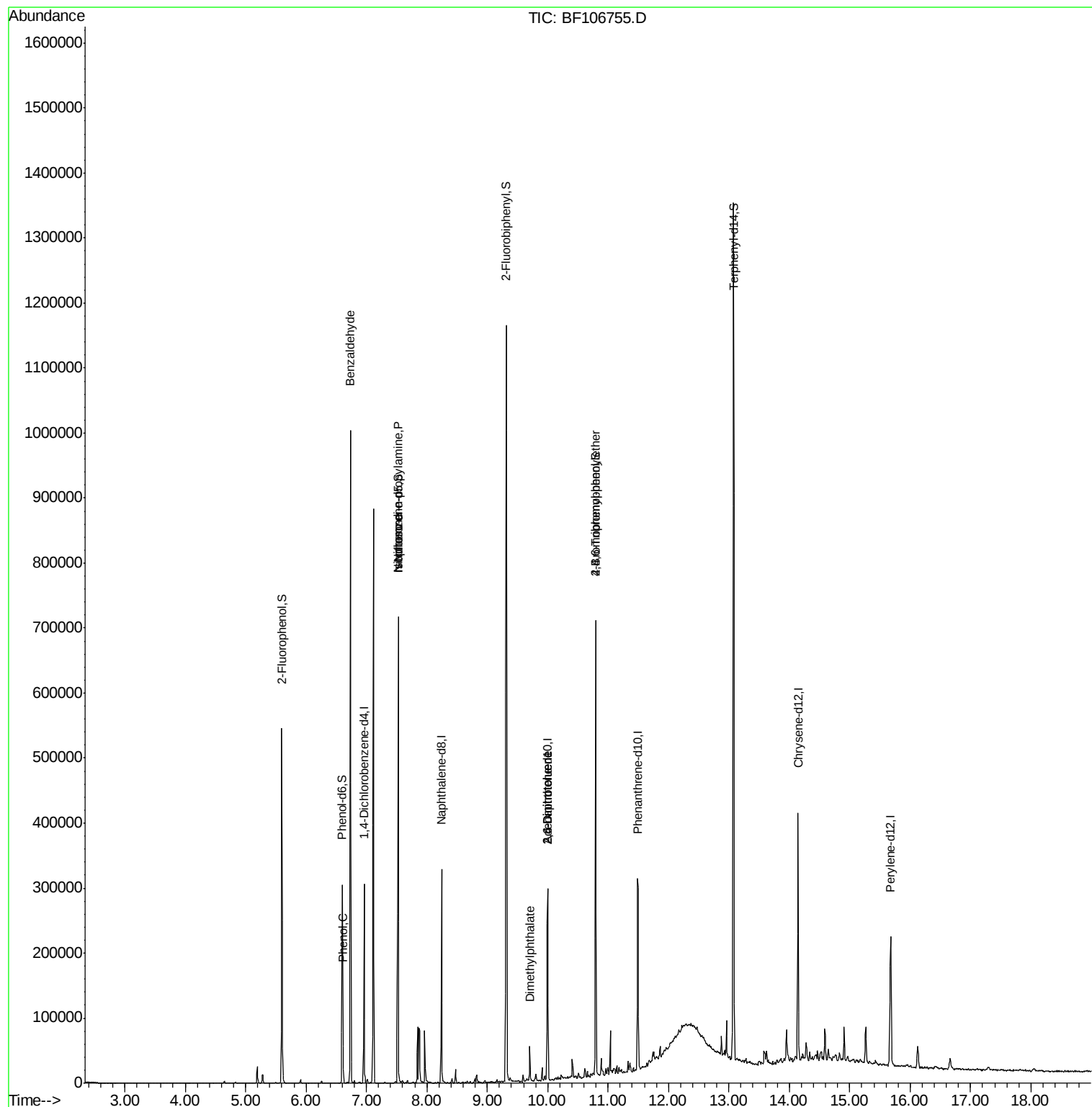
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.74	77	5397	2.033	ng	88
10) Phenol	6.61	94	10985	3.038	ng	98
19) n-Nitroso-di-n-propylamine	7.52	70	30369	14.542	ng	# 72
25) Isophorone	7.52	82	236476	52.422	ng	# 64
49) Dimethylphthalate	9.71	163	22293	4.989	ng	# 98
50) 2,6-Dinitrotoluene	10.00	165	7393	7.813	ng	# 24
56) 2,4-Dinitrotoluene	10.00	165	7393	5.986	ng	# 21
66) 4-Bromophenyl-phenylether	10.80	248	6217	4.487	ng	# 1

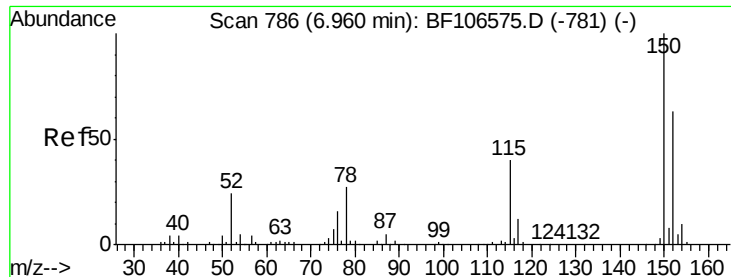
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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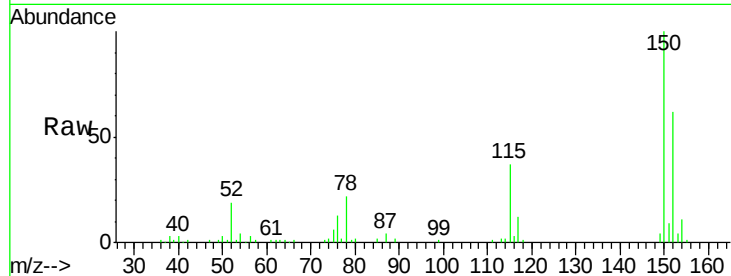




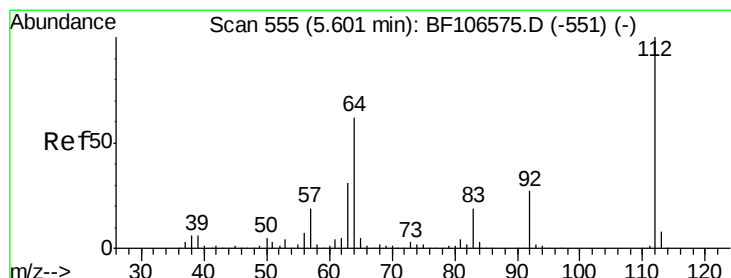
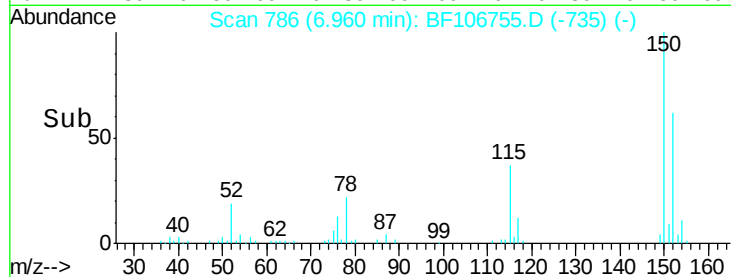
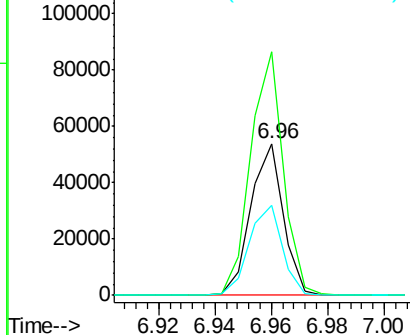
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 786
 Delta R.T. -0.00 min
 Lab File: BF106755.D
 Acq: 23 Jun 2018 12:35

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:152 Resp: 42959
 Ion Ratio Lower Upper
 152 100
 150 160.2 124.6 186.8
 115 59.1 50.1 75.1

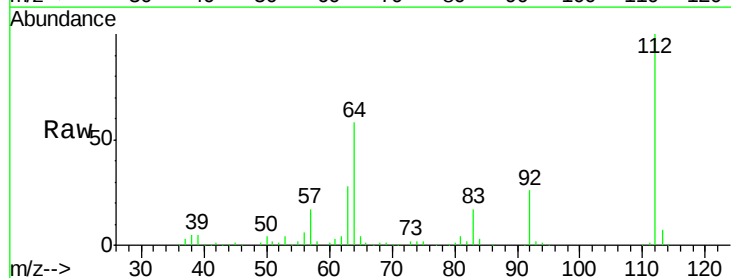


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

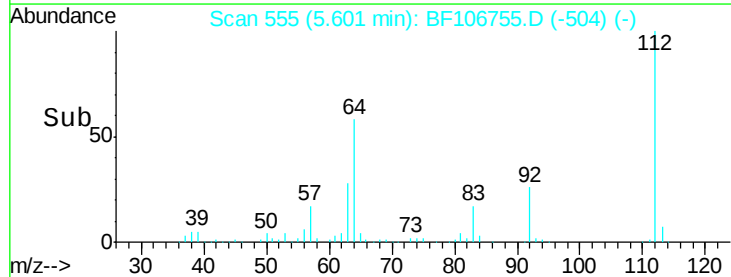
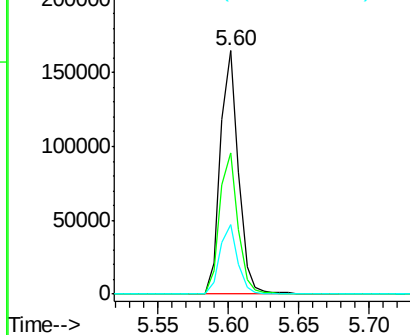


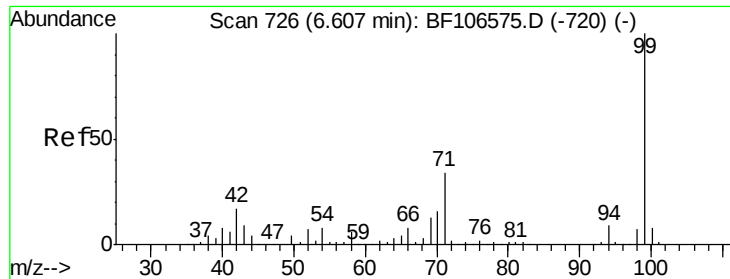
#5
 2-Fluorophenol
 Concen: 58.207 ng
 RT: 5.60 min Scan# 555
 Delta R.T. 0.00 min
 Lab File: BF106755.D
 Acq: 23 Jun 2018 12:35

Tgt Ion:112 Resp: 147669
 Ion Ratio Lower Upper
 112 100
 64 57.8 47.9 71.9
 63 28.3 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: 33.418 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106755.D

Acq: 23 Jun 2018 12:35

Instrument :

BNA_F

ClientSampleId :

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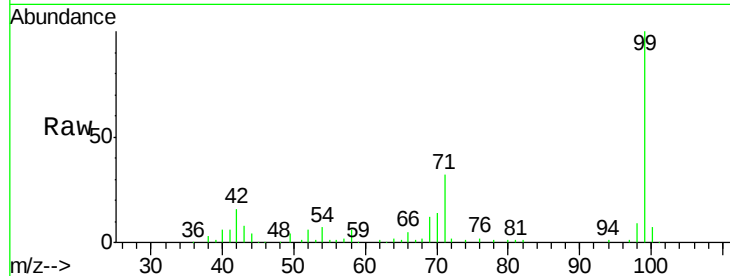
Tgt Ion: 99 Resp: 105875

Ion Ratio Lower Upper

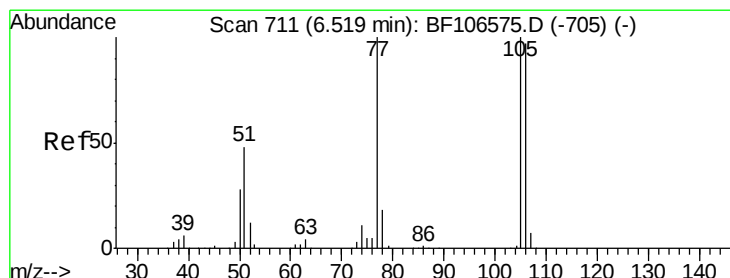
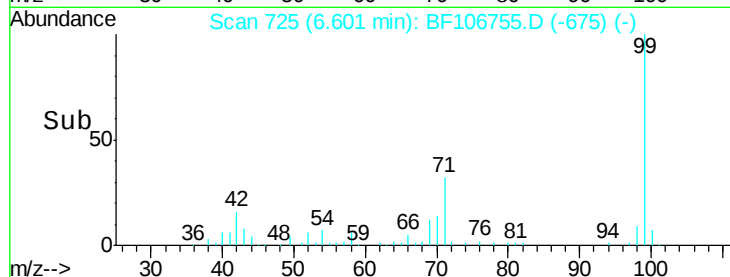
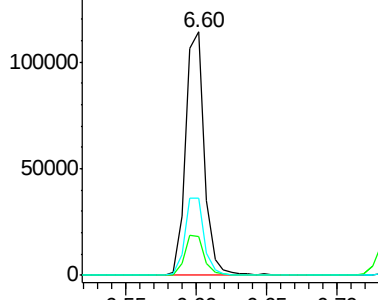
99 100

42 15.7 14.5 21.7

71 32.0 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



#9

Benzaldehyde

Concen: 2.033 ng

RT: 6.74 min Scan# 748

Delta R.T. 0.22 min

Lab File: BF106755.D

Acq: 23 Jun 2018 12:35

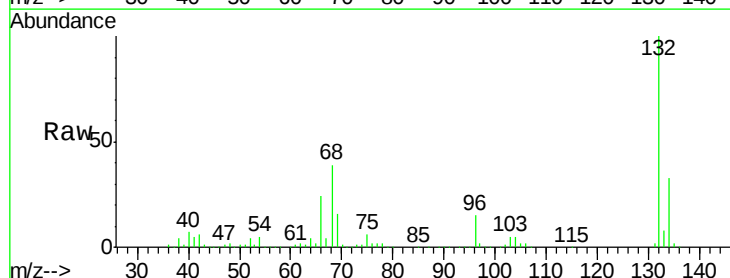
Tgt Ion: 77 Resp: 5397

Ion Ratio Lower Upper

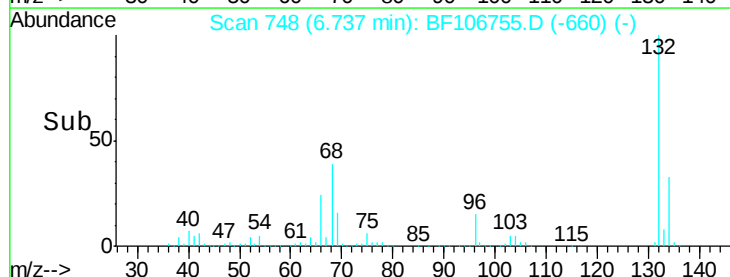
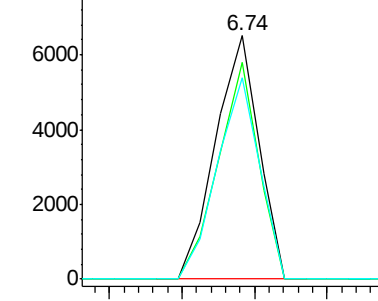
77 100

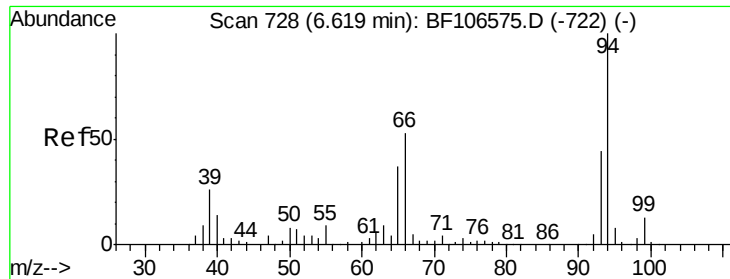
105 88.9 81.1 121.1

106 82.8 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1





#10

Phenol

Concen: 3.038 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF106755.D

Acq: 23 Jun 2018 12:35

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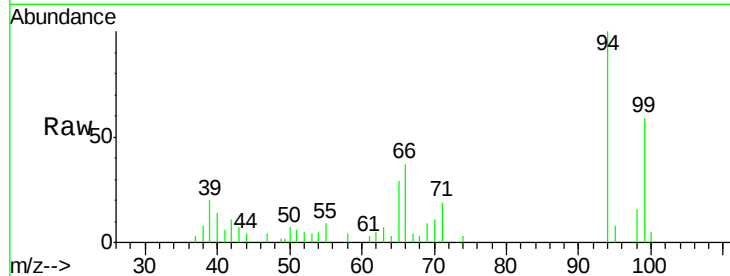
Tgt Ion: 94 Resp: 10985

Ion Ratio Lower Upper

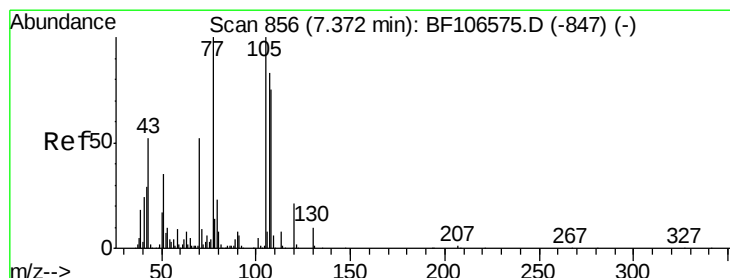
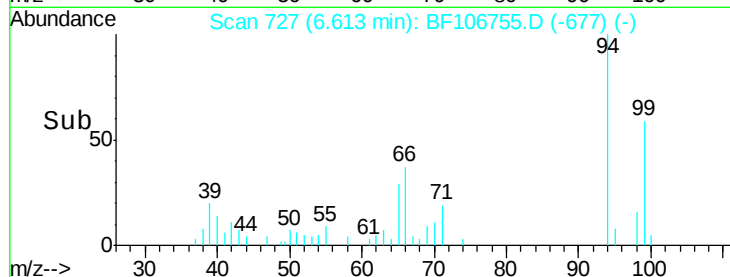
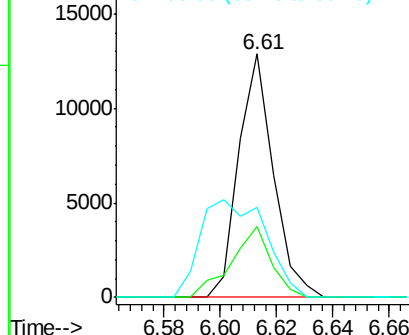
94 100

65 29.1 7.9 47.9

66 37.1 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 14.542 ng

RT: 7.52 min Scan# 882

Delta R.T. 0.15 min

Lab File: BF106755.D

Acq: 23 Jun 2018 12:35

Tgt Ion: 70 Resp: 30369

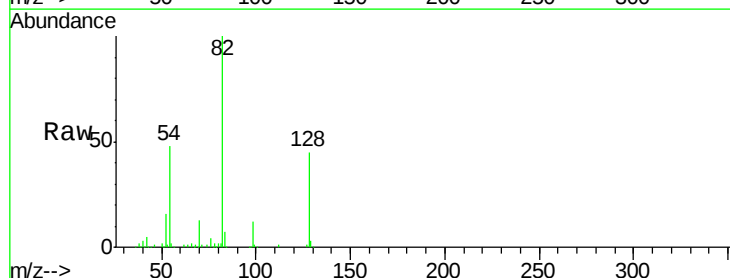
Ion Ratio Lower Upper

70 100

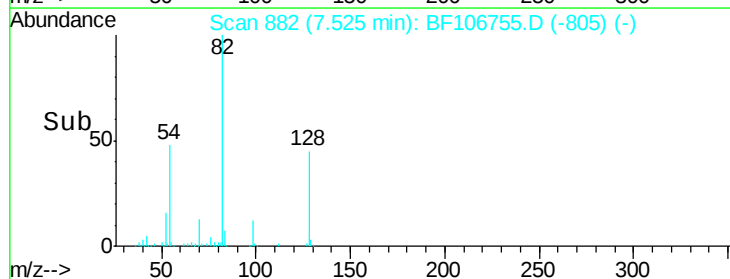
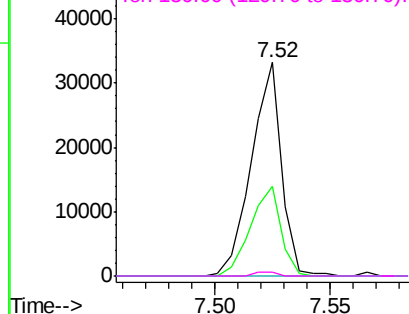
42 41.8 47.5 71.3#

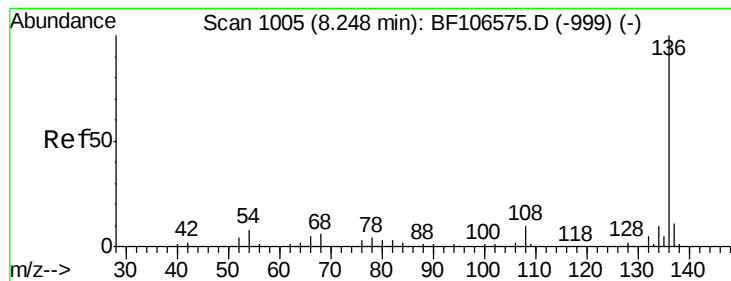
101 0.0 7.4 11.2#

130 1.9 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: 8.24 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF106755.D

Acq: 23 Jun 2018 12:35

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Tgt Ion: 136 Resp: 142266

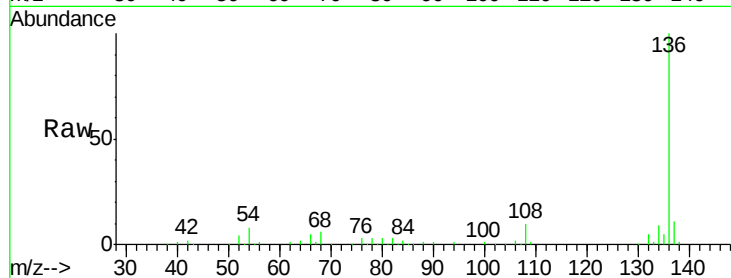
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 8.0 6.6 9.8

68 6.1 5.0 7.4

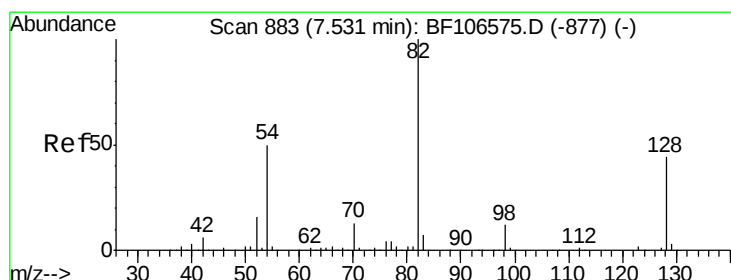
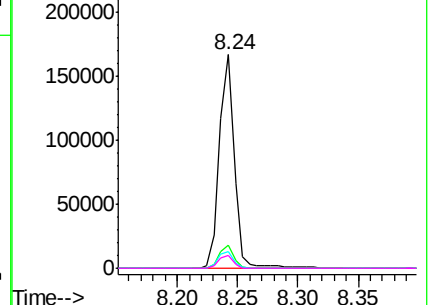
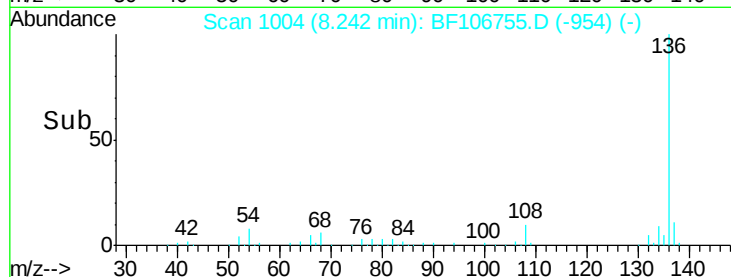


Abundance Ion 136.00 (135.70 to 136.70): E

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: 92.376 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF106755.D

Acq: 23 Jun 2018 12:35

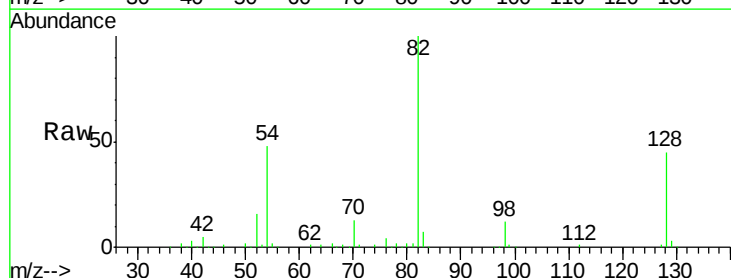
Tgt Ion: 82 Resp: 236478

Ion Ratio Lower Upper

82 100

128 45.4 36.1 54.1

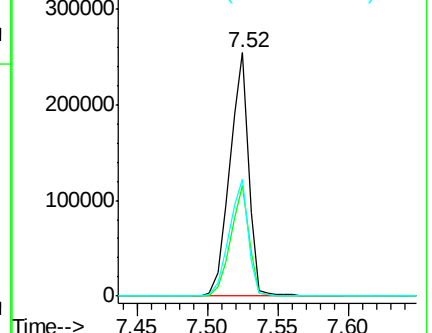
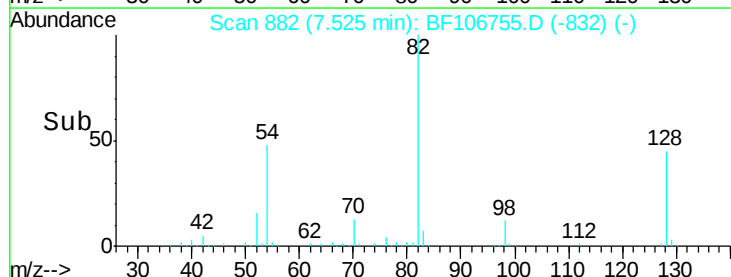
54 47.9 41.4 62.2

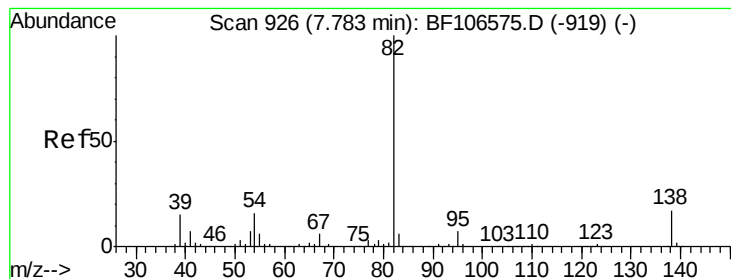


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 52.422 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.26 min

Lab File: BF106755.D

Acq: 23 Jun 2018 12:35

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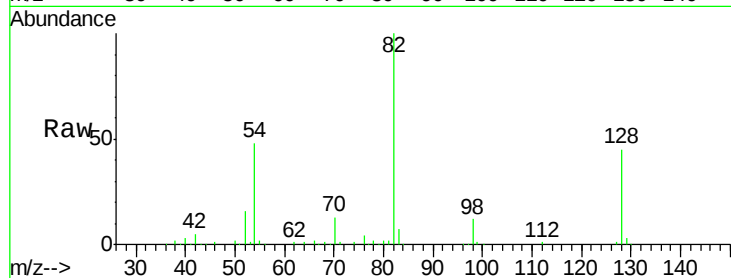
Tgt Ion: 82 Resp: 236476

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

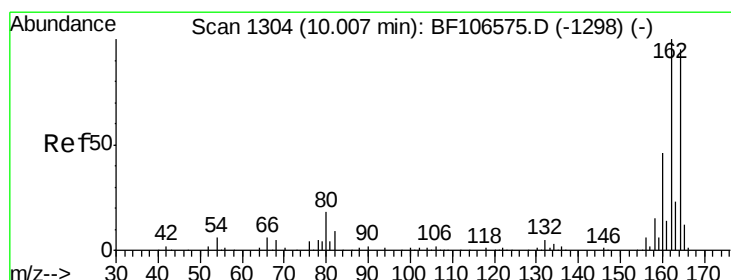
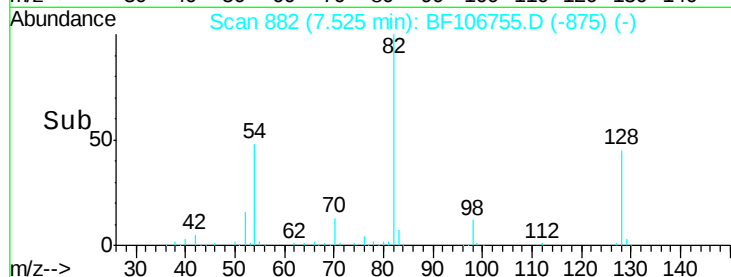
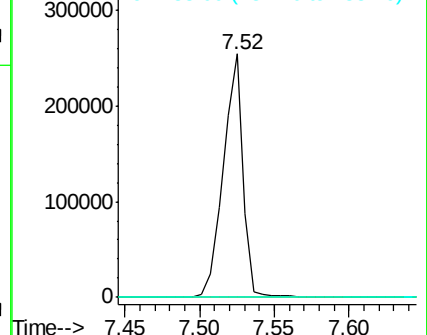
138 0.0 14.9 22.3#



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: 10.00 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF106755.D

Acq: 23 Jun 2018 12:35

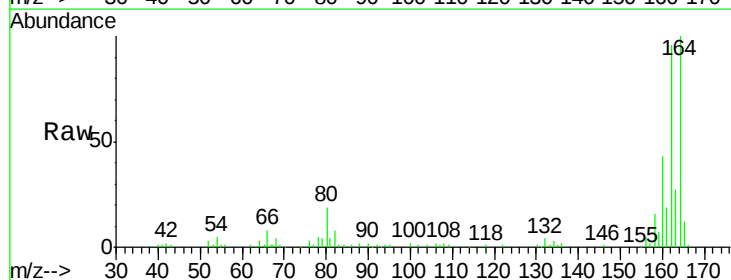
Tgt Ion: 164 Resp: 59577

Ion Ratio Lower Upper

164 100

162 95.6 86.1 129.1

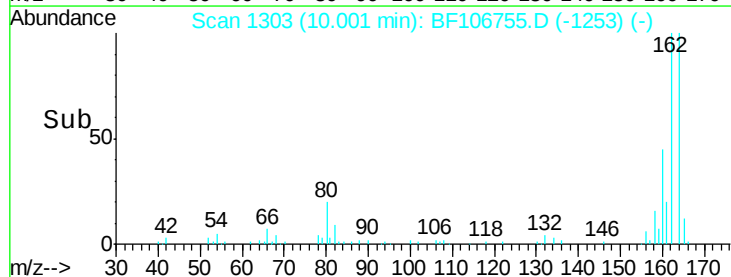
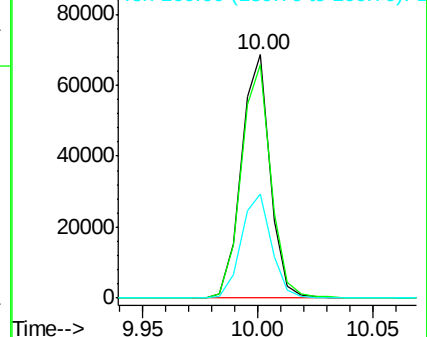
160 42.9 38.3 57.5

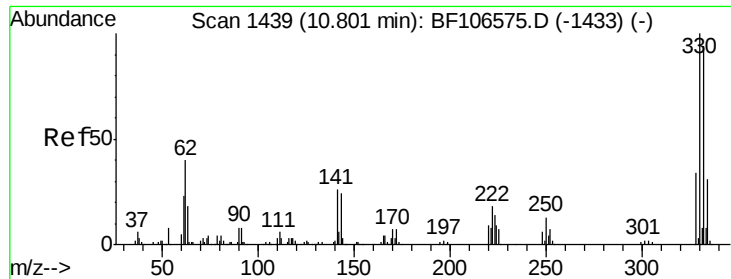


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

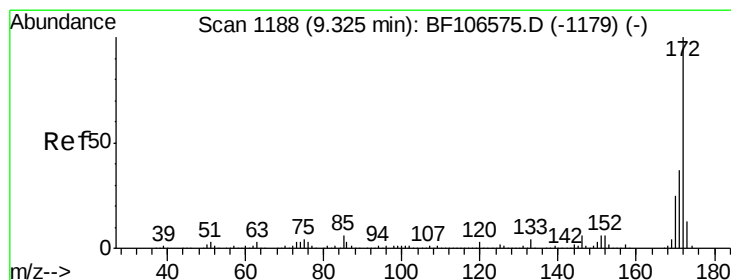
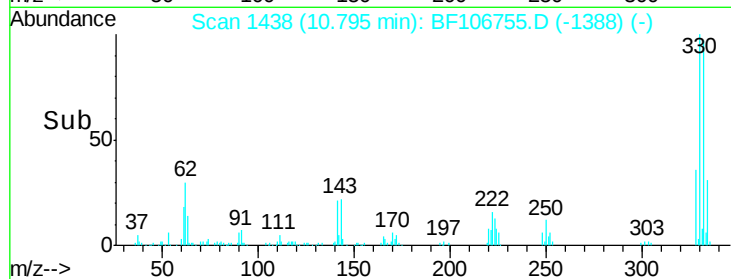
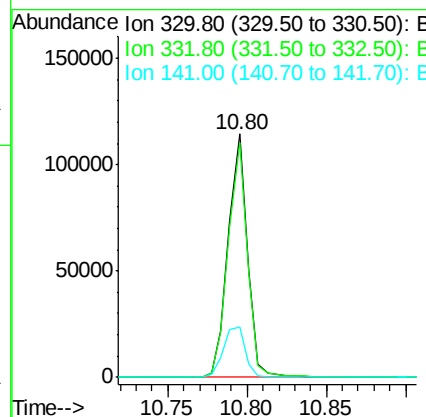
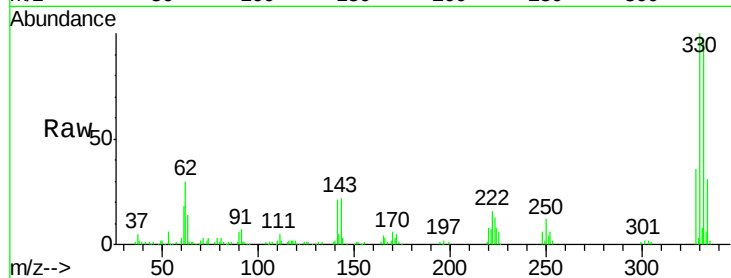




#41
 2,4,6-Tribromophenol
 Concen: 140.718 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106755.D
 Acq: 23 Jun 2018 12:35

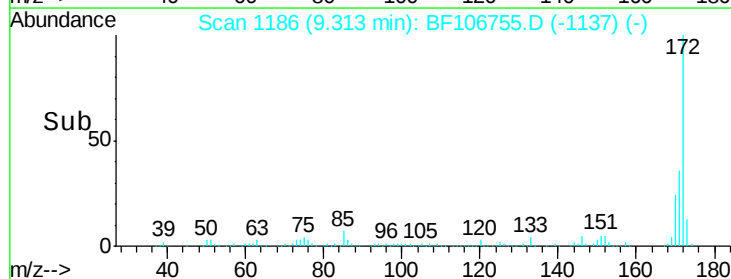
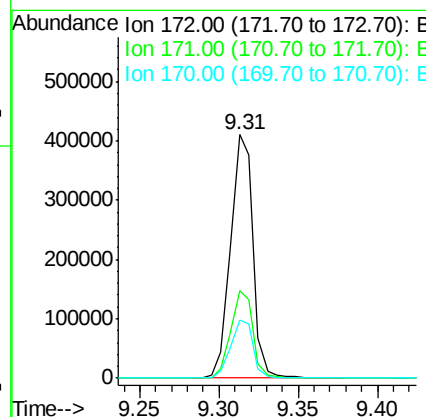
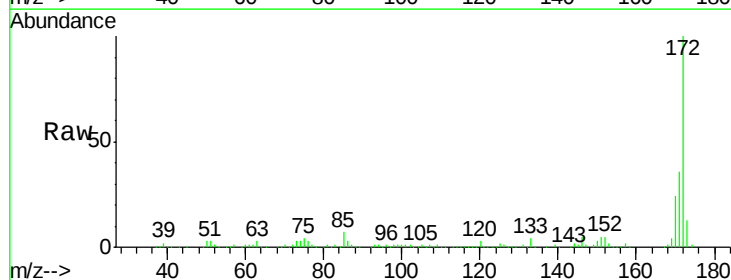
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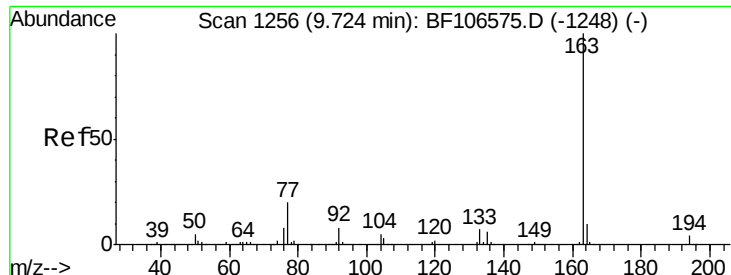
Tgt Ion:330 Resp: 97168
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.0 115.6
 141 23.8 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 120.136 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF106755.D
 Acq: 23 Jun 2018 12:35

Tgt Ion:172 Resp: 401393
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 23.9 19.6 29.4

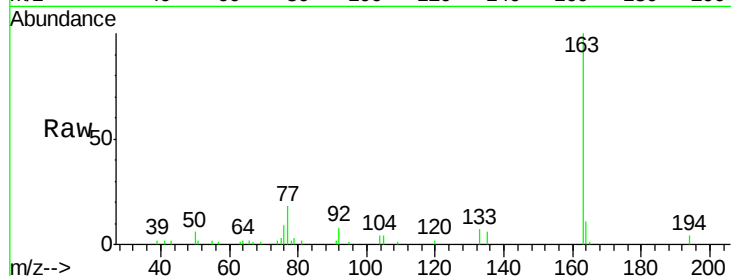




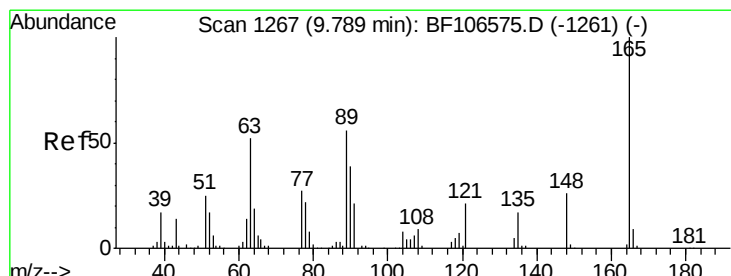
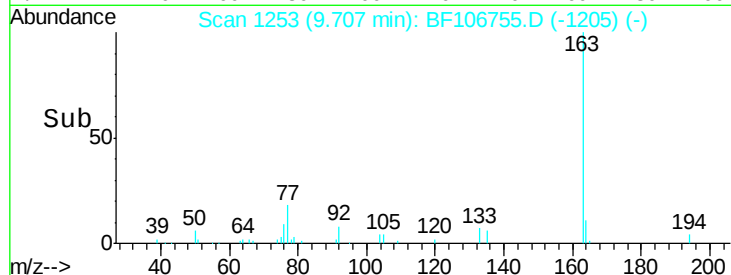
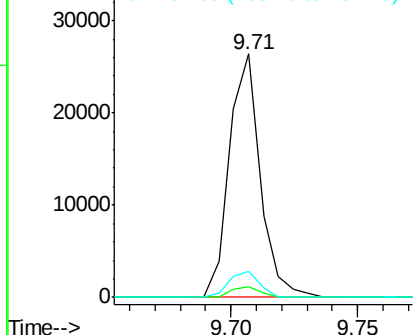
#49
Dimethylphthalate
Concen: 4.989 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF106755.D
Acq: 23 Jun 2018 12:35

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:163 Resp: 22293
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1#
164 10.8 8.2 12.2

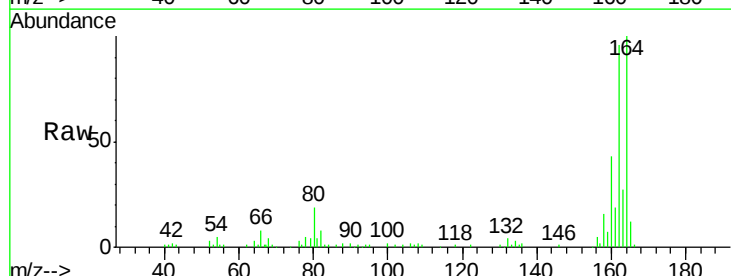


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

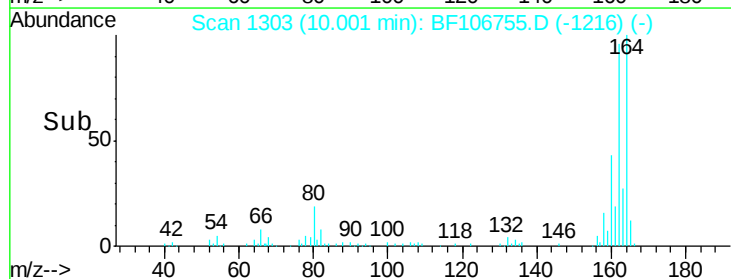
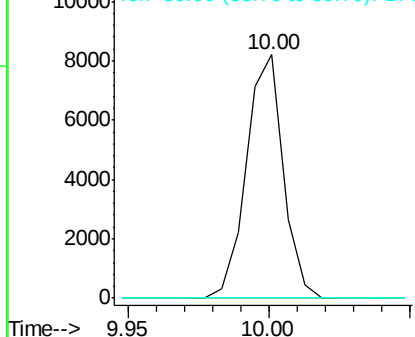


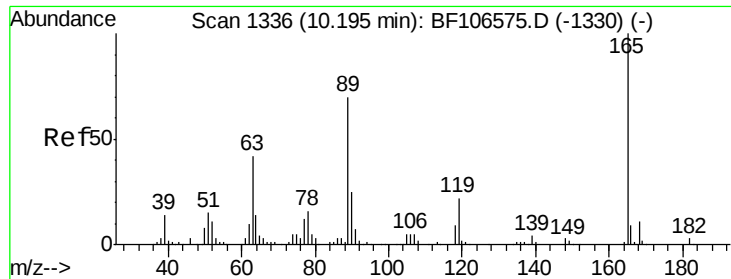
#50
2,6-Dinitrotoluene
Concen: 7.813 ng
RT: 10.00 min Scan# 1303
Delta R.T. 0.21 min
Lab File: BF106755.D
Acq: 23 Jun 2018 12:35

Tgt Ion:165 Resp: 7393
Ion Ratio Lower Upper
165 100
63 0.0 44.7 67.1#
89 0.0 44.0 66.0#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

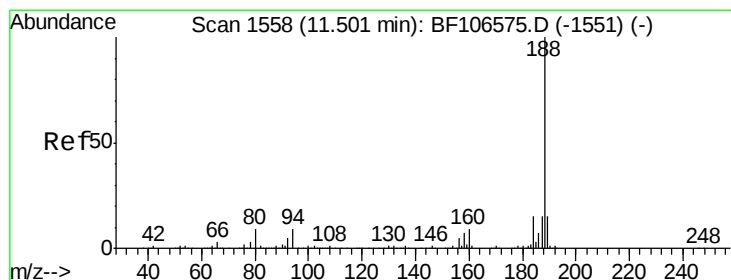
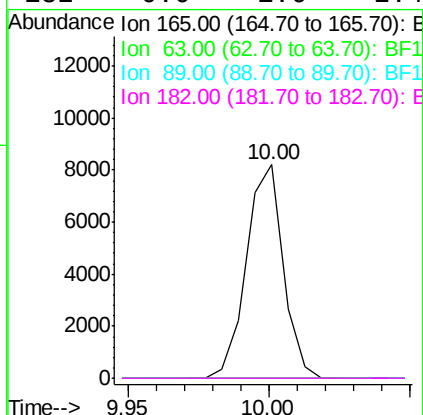
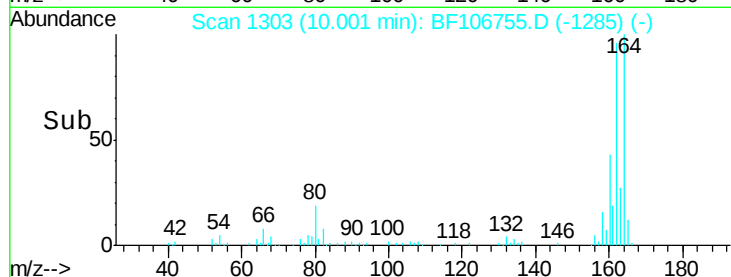
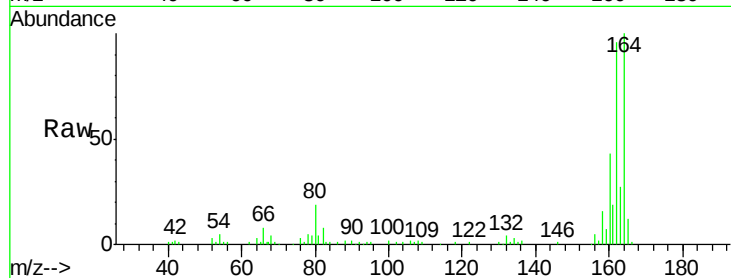




#56
2,4-Dinitrotoluene
Concen: 5.986 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.19 min
Lab File: BF106755.D
Acq: 23 Jun 2018 12:35

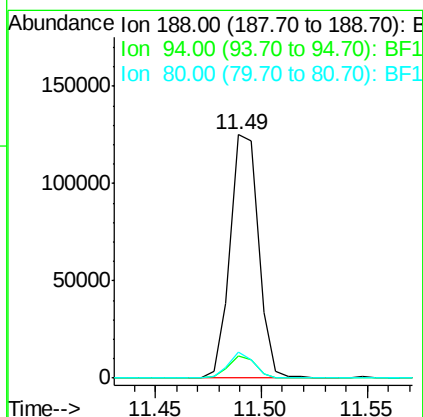
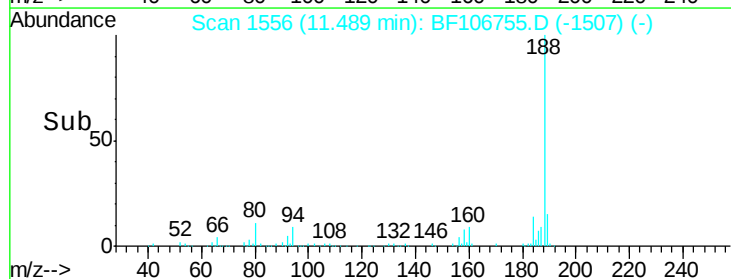
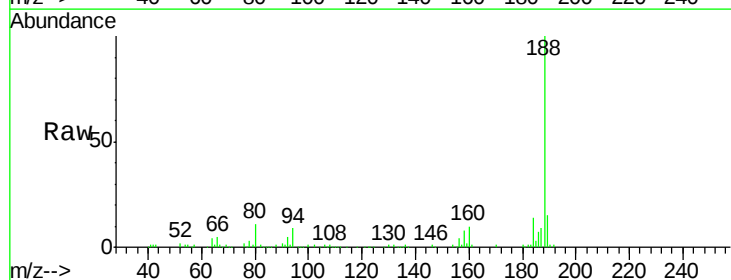
Instrument :
BNA_F
ClientSampleId :
W-28

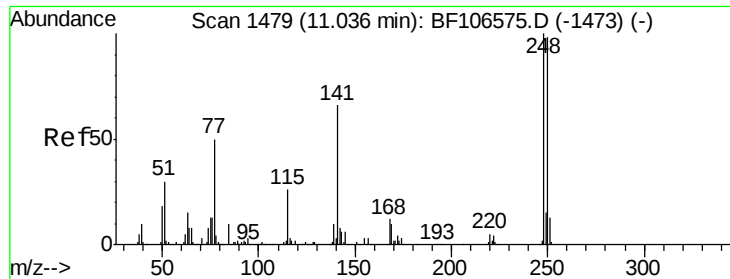
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF106755.D
Acq: 23 Jun 2018 12:35

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.5	12.7
80	10.6	9.2	13.8

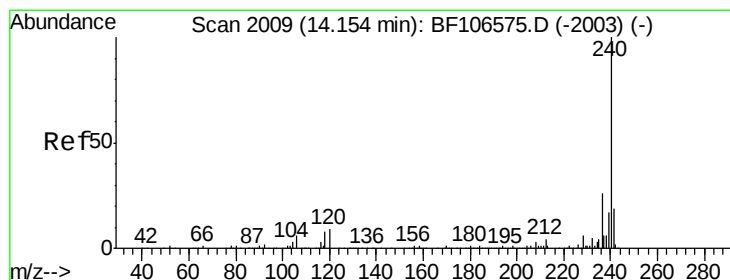
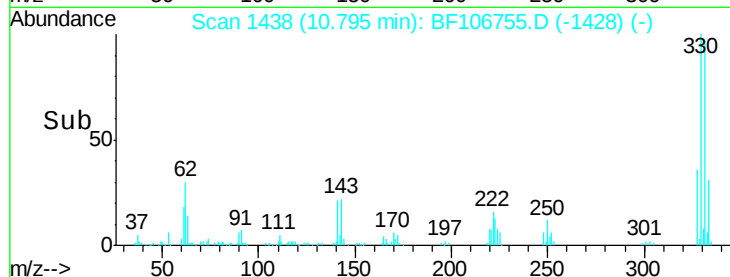
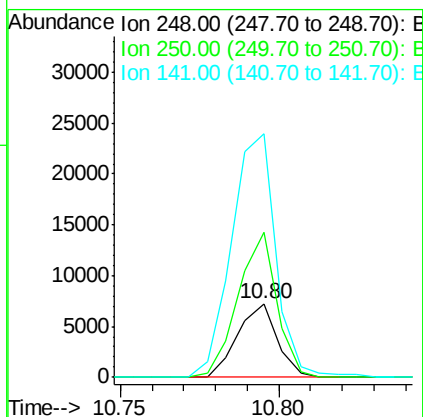
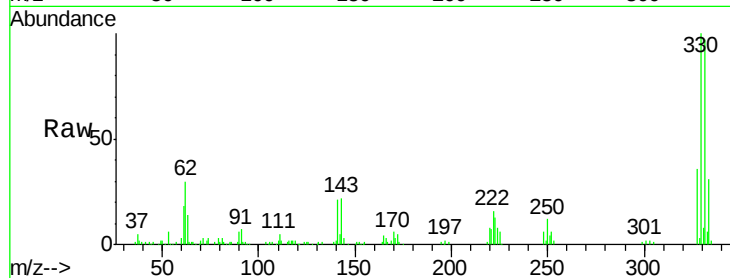




#66
4-Bromophenyl-phenylether
Concen: 4.487 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF106755.D
Acq: 23 Jun 2018 12:35

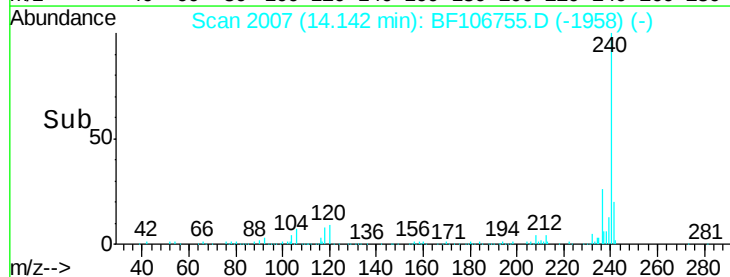
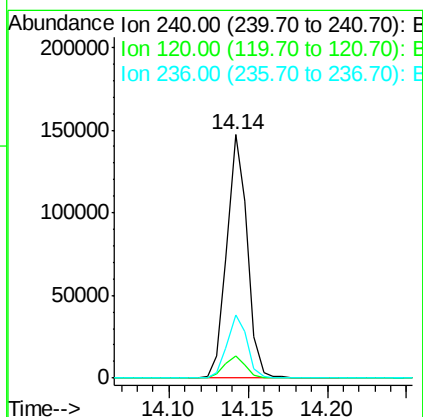
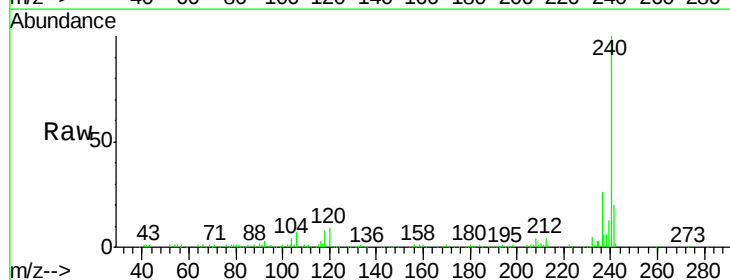
Instrument :
BNA_F
ClientSampleId :
W-28

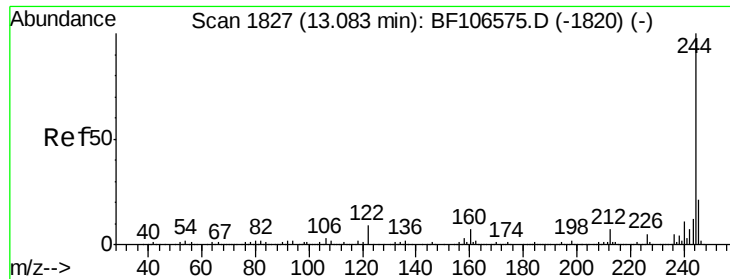
Tgt Ion:248 Resp: 6217
Ion Ratio Lower Upper
248 100
250 197.0 76.9 115.3#
141 331.3 74.4 111.6#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF106755.D
Acq: 23 Jun 2018 12:35

Tgt Ion:240 Resp: 131411
Ion Ratio Lower Upper
240 100
120 9.1 9.5 14.3#
236 25.9 20.7 31.1

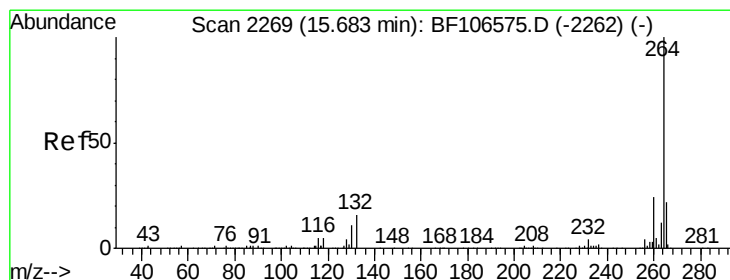
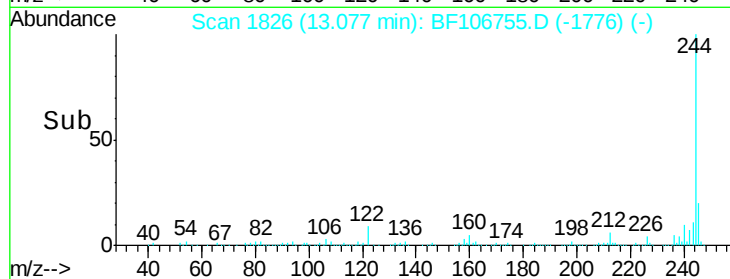
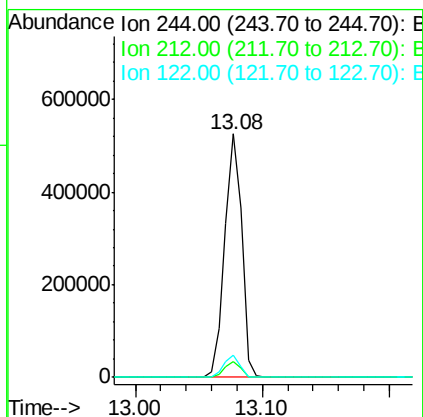
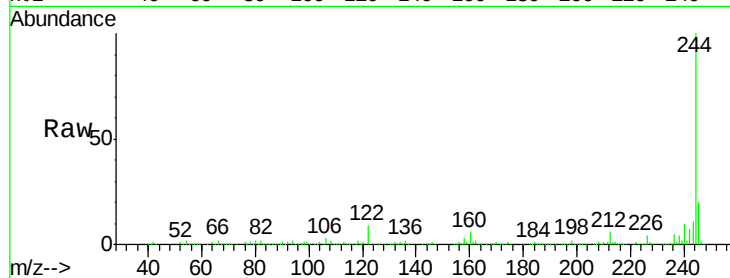




#78
 Terphenyl-d14
 Concen: 90.331 ng
 RT: 13.08 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF106755.D
 Acq: 23 Jun 2018 12:35

Instrument :
 BNA_F
 ClientSampleId :
 W-28

Tgt Ion: 244 Resp: 490052
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.4 8.0
 122 9.0 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2268
 Delta R.T. -0.01 min
 Lab File: BF106755.D
 Acq: 23 Jun 2018 12:35

Tgt Ion: 264 Resp: 96070
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.8 17.5 26.3

