

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080218\
 Data File : BF107930.D
 Acq On : 3 Aug 2018 00:45
 Operator : JU/SJ
 Sample : J4287-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A4742

Quant Time: Aug 03 01:55:31 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 30 17:48:53 2018
 Response via : Initial Calibration

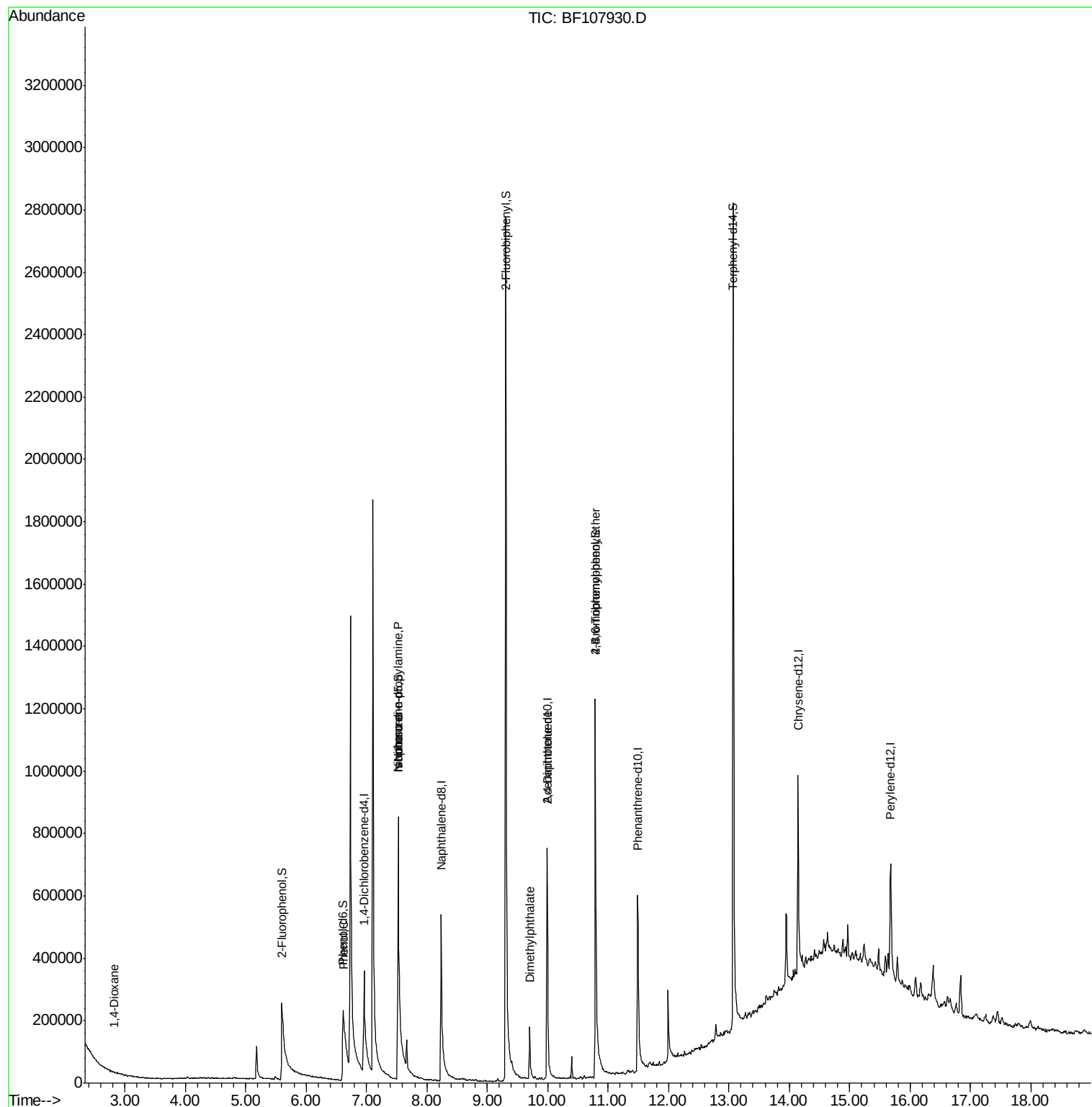
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	126021	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	519571	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	209917	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	378725	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	359361	20.00	ng	-0.01
86) Perylene-d12	15.68	264	284611	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	305113	41.15	ng	0.00
7) Phenol-d6	6.61	99	281885	28.84	ng	0.00
23) Nitrobenzene-d5	7.52	82	710560	78.79	ng	-0.01
41) 2,4,6-Tribromophenol	10.79	330	267053	93.63	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	1275591	84.68	ng	-0.01
78) Terphenyl-d14	13.07	244	1215082	73.32	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	2.82	88	429	5.902	ng	Qvalue
10) Phenol	6.62	94	76867	6.596	ng	# 1
19) n-Nitroso-di-n-propylamine	7.52	70	83105	13.406	ng	# 84
25) Isophorone	7.52	82	714124	48.238	ng	# 75
49) Dimethylphthalate	9.70	163	102666	6.512	ng	# 64
56) 2,4-Dinitrotoluene	10.00	165	25185	5.593	ng	# 99
66) 4-Bromophenyl-phenylether	10.79	248	14640	3.317	ng	# 24
						# 1

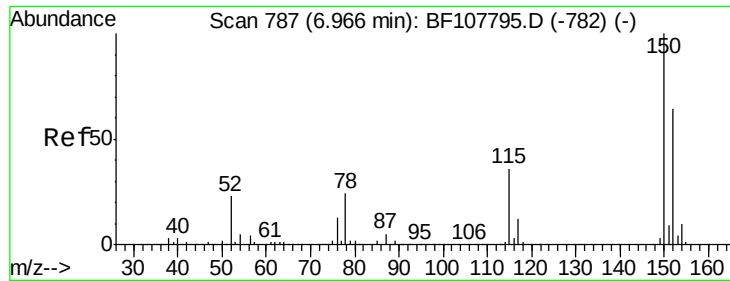
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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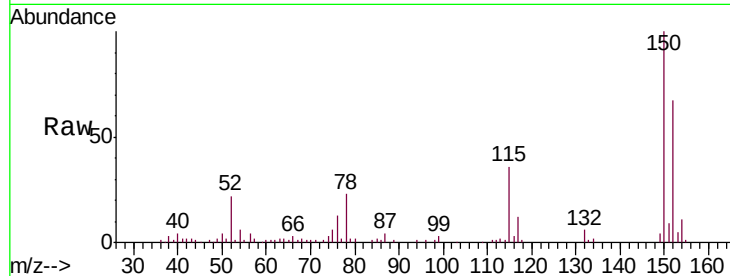


#1

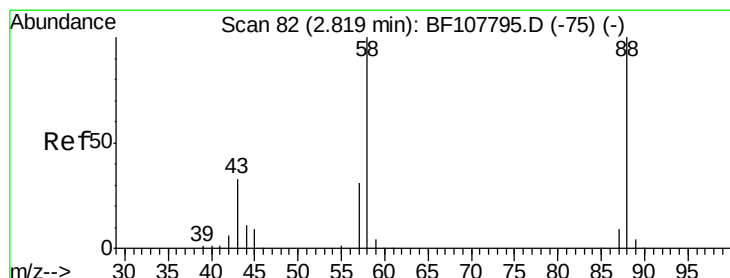
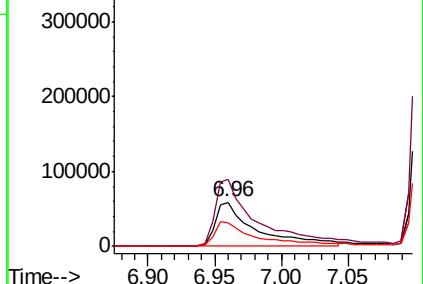
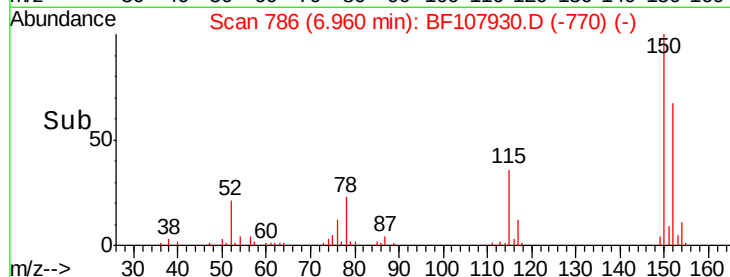
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF107930.D
Acq: 3 Aug 2018 00:45

Instrument :
BNA_F
ClientSampleId :
A4742

Tgt Ion:152 Resp: 126021
Ion Ratio Lower Upper
152 100
150 149.1 124.6 186.8
115 53.2 50.1 75.1



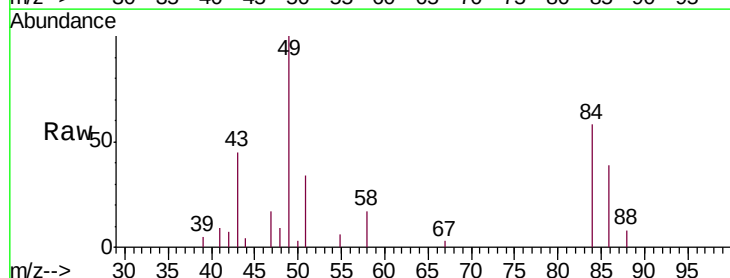
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



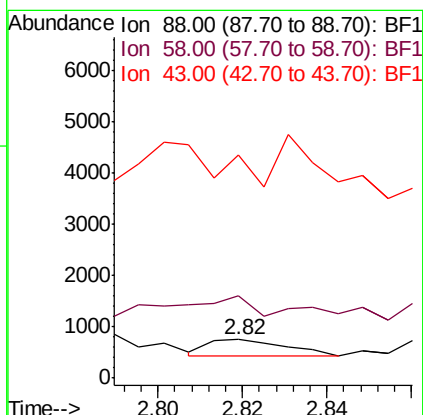
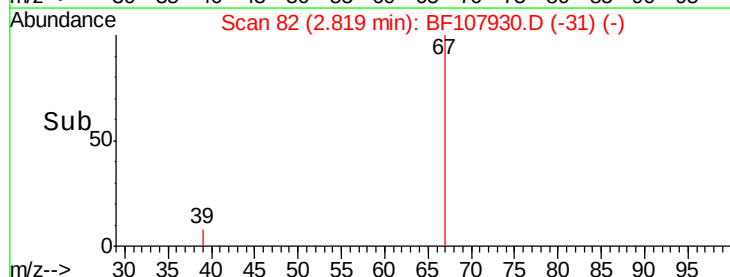
#2

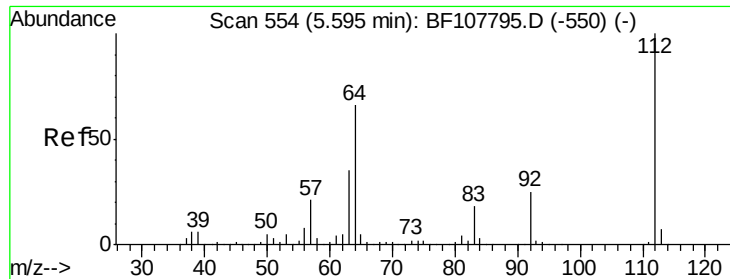
1,4-Dioxane
Concen: 5.902 ng
RT: 2.82 min Scan# 82
Delta R.T. 0.00 min
Lab File: BF107930.D
Acq: 3 Aug 2018 00:45

Tgt Ion: 88 Resp: 429
Ion Ratio Lower Upper
88 100
58 0.0 62.6 93.8#
43 152.4 24.6 37.0#



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1

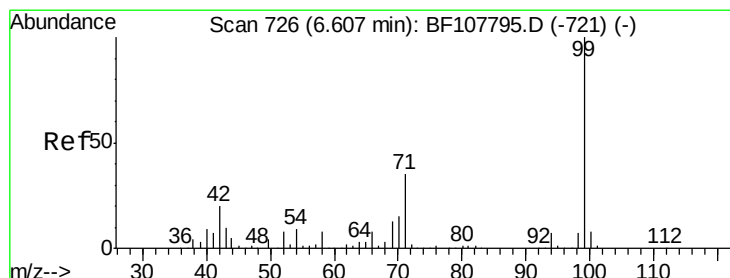
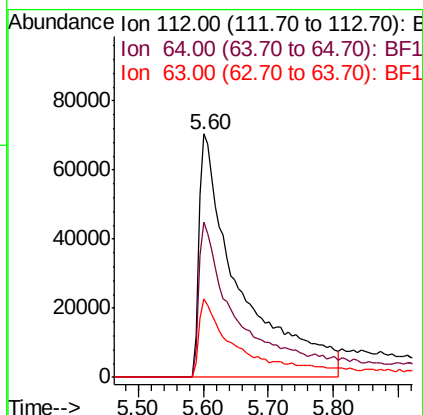
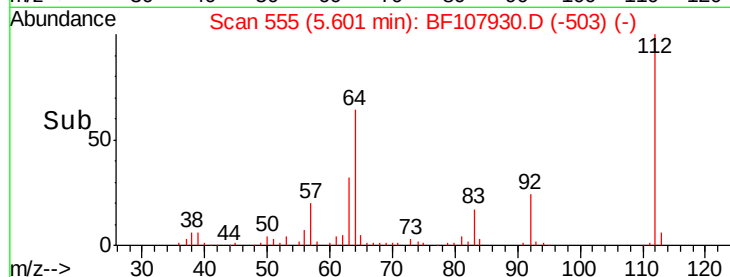
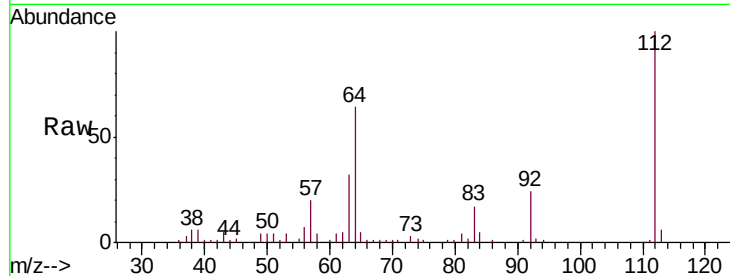




#5
2-Fluorophenol
Concen: 41.148 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF107930.D
Acq: 3 Aug 2018 00:45

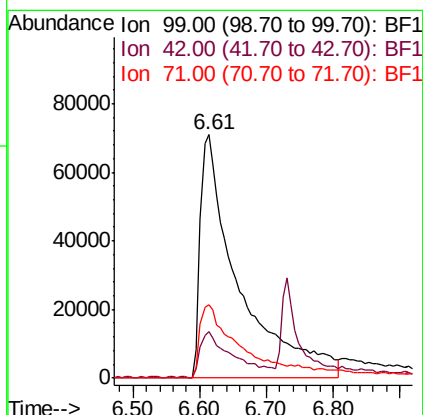
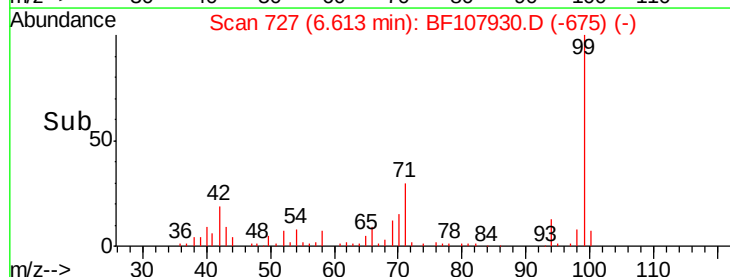
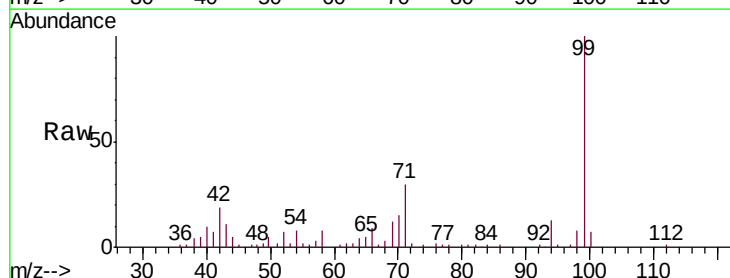
Instrument :
BNA_F
ClientSampleId :
A4742

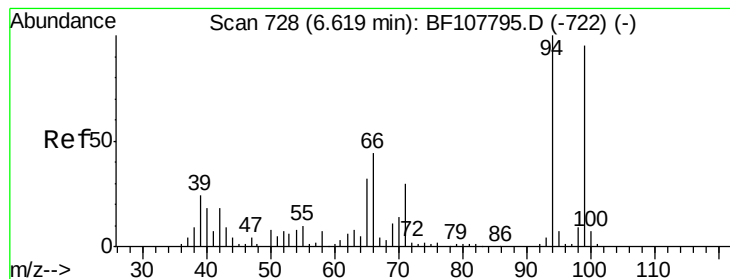
Tgt Ion: 112 Resp: 305113
Ion Ratio Lower Upper
112 100
64 64.0 47.9 71.9
63 32.4 23.7 35.5



#7
Phenol-d6
Concen: 28.845 ng
RT: 6.61 min Scan# 727
Delta R.T. 0.01 min
Lab File: BF107930.D
Acq: 3 Aug 2018 00:45

Tgt Ion: 99 Resp: 281885
Ion Ratio Lower Upper
99 100
42 19.1 14.5 21.7
71 30.1 25.4 38.0





#10

Phenol

Concen: 6.596 ng

RT: 6.62 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF107930.D

Acq: 3 Aug 2018 00:45

Instrument :

BNA_F

ClientSampled :

A4742

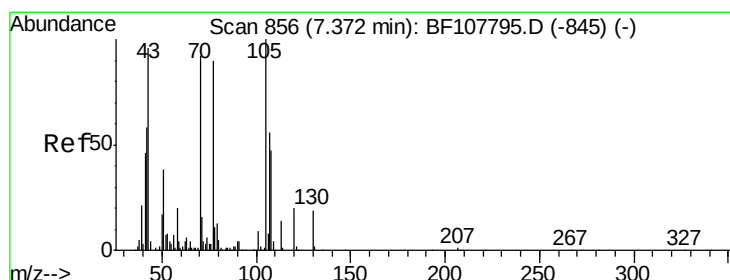
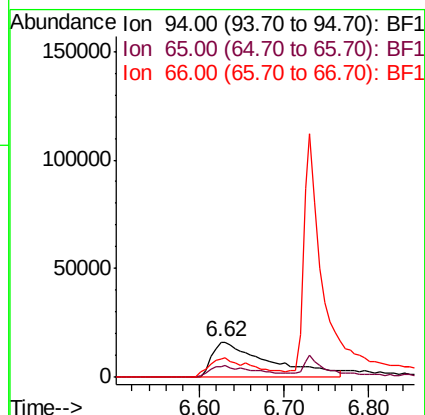
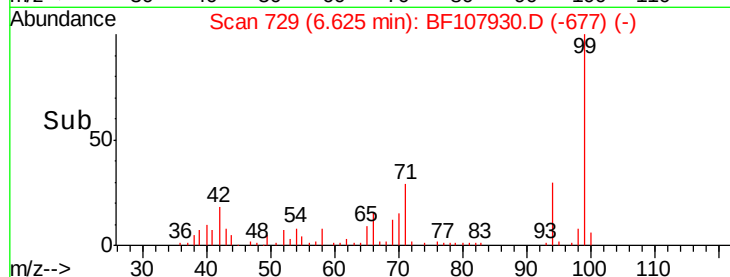
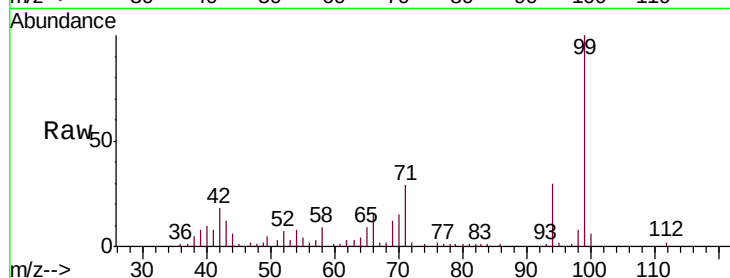
Tgt Ion: 94 Resp: 76867

Ion Ratio Lower Upper

94 100

65 30.5 7.9 47.9

66 50.9 16.2 56.2



#19

n-Nitroso-di-n-propylamine

Concen: 13.406 ng

RT: 7.52 min Scan# 882

Delta R.T. 0.15 min

Lab File: BF107930.D

Acq: 3 Aug 2018 00:45

Tgt Ion: 70 Resp: 83105

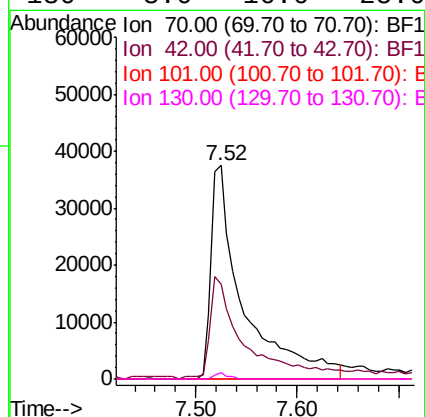
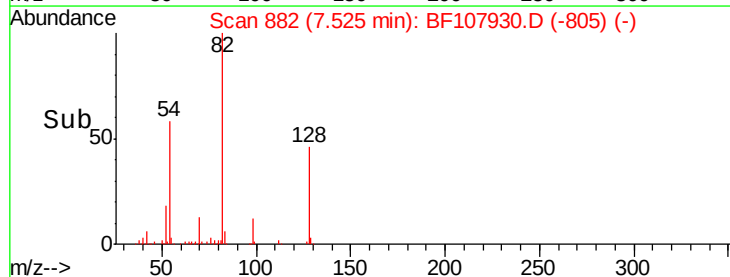
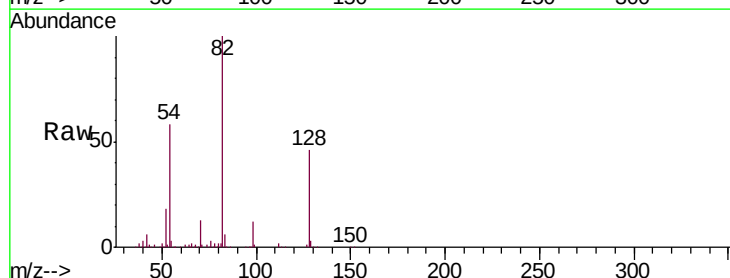
Ion Ratio Lower Upper

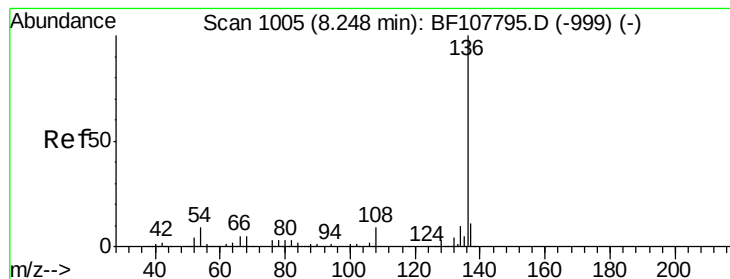
70 100

42 44.5 47.5 71.3#

101 0.0 7.4 11.2#

130 3.0 16.6 25.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF107930.D

Acq: 3 Aug 2018 00:45

Instrument :

BNA_F

ClientSampleId :

A4742

Tgt Ion: 136 Resp: 519571

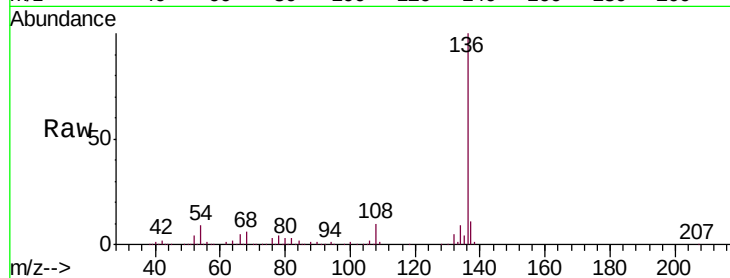
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 9.3 6.6 9.8

68 5.9 5.0 7.4

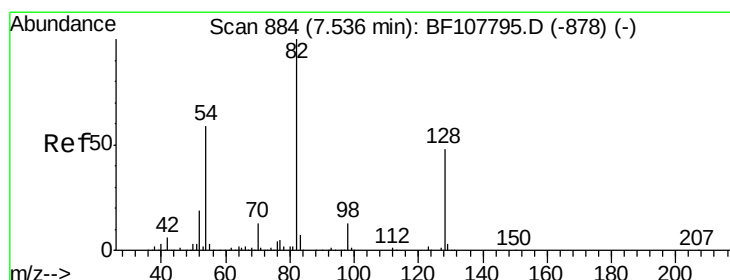
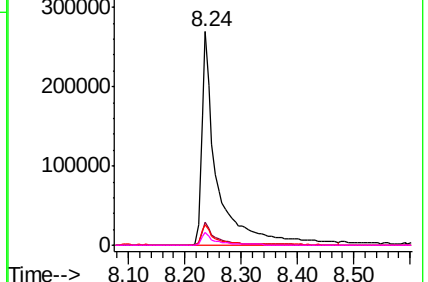
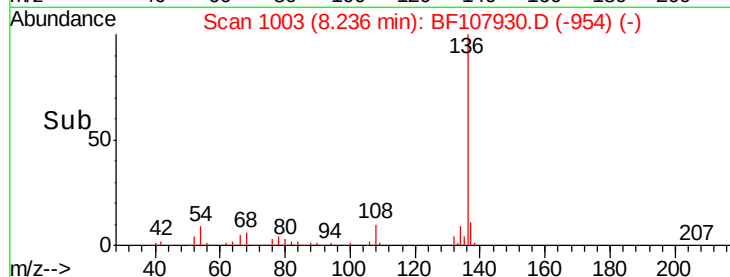


Abundance Ion 136.00 (135.70 to 136.70): E

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: 78.787 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF107930.D

Acq: 3 Aug 2018 00:45

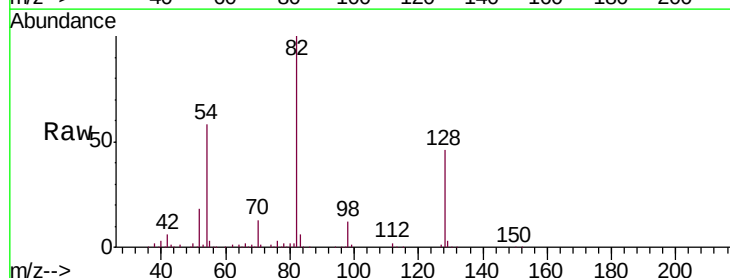
Tgt Ion: 82 Resp: 710560

Ion Ratio Lower Upper

82 100

128 46.0 36.1 54.1

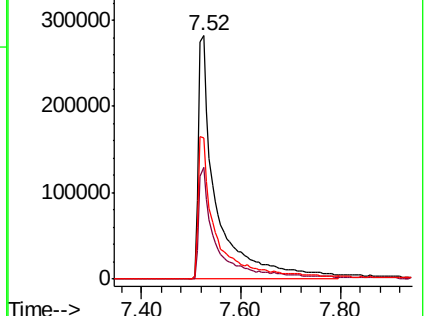
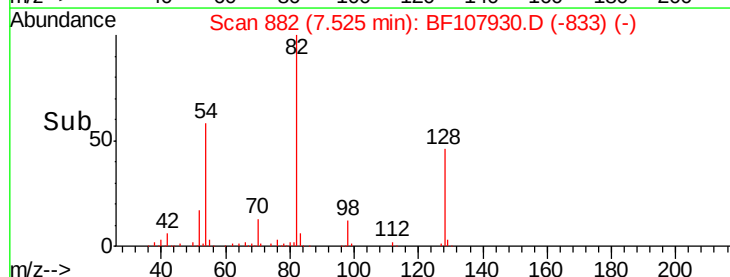
54 58.2 41.4 62.2

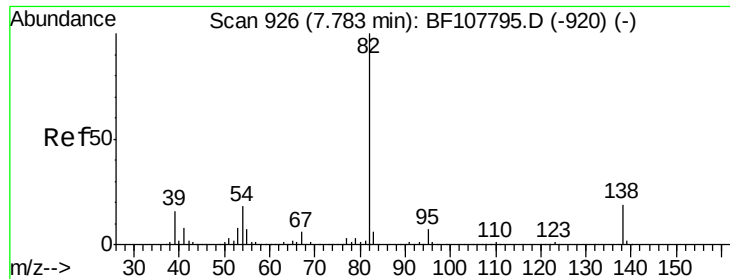


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 48.238 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.26 min

Lab File: BF107930.D

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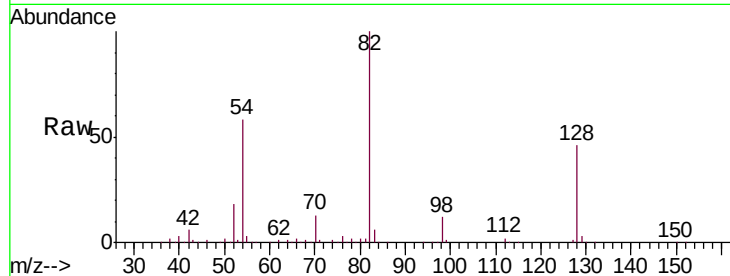
Tgt Ion: 82 Resp: 714124

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

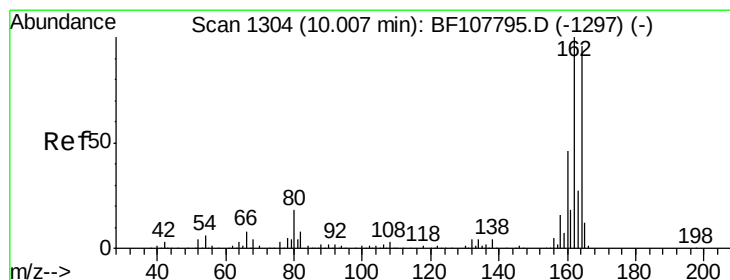
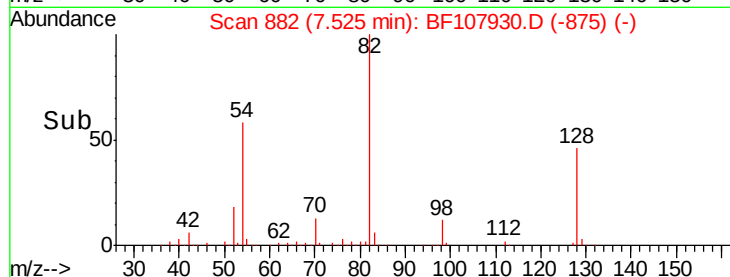
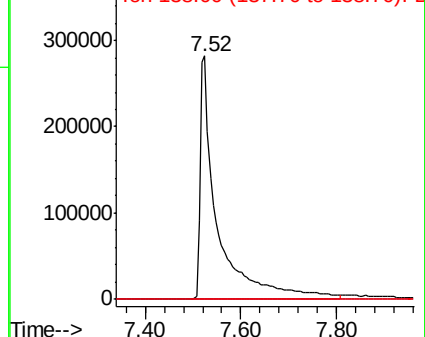
138 0.0 14.9 22.3#



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# 1302

Delta R.T. -0.01 min

Lab File: BF107930.D

Acq: 3 Aug 2018 00:45

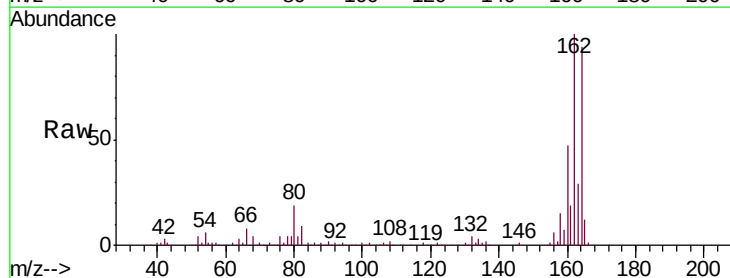
Tgt Ion: 164 Resp: 209917

Ion Ratio Lower Upper

164 100

162 106.3 86.1 129.1

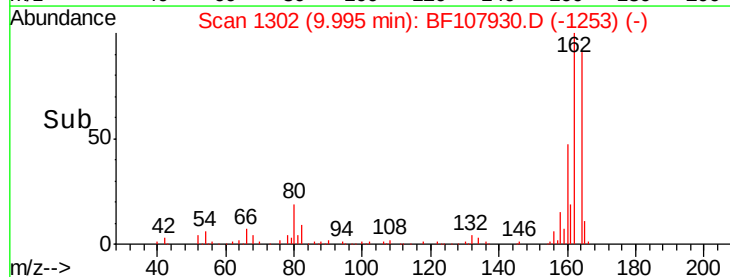
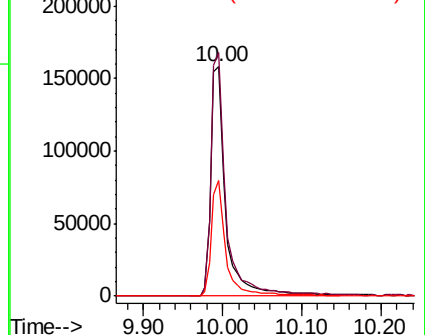
160 50.3 38.3 57.5

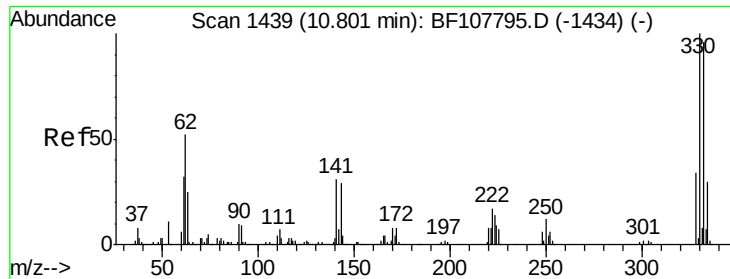


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

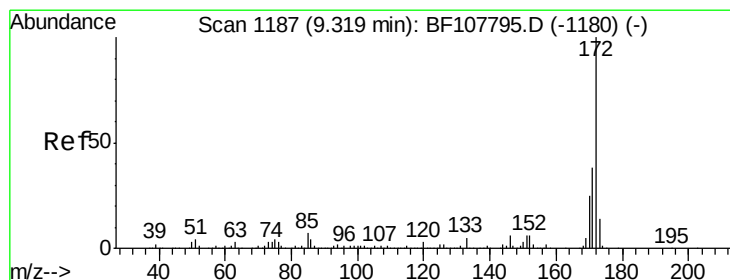
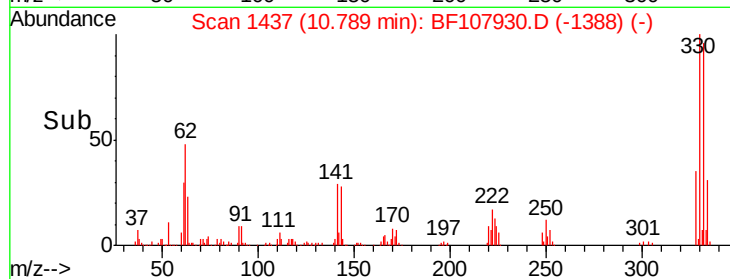
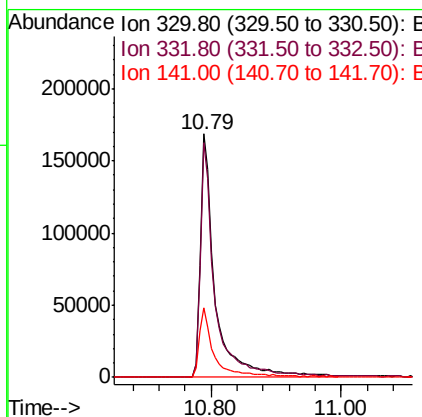
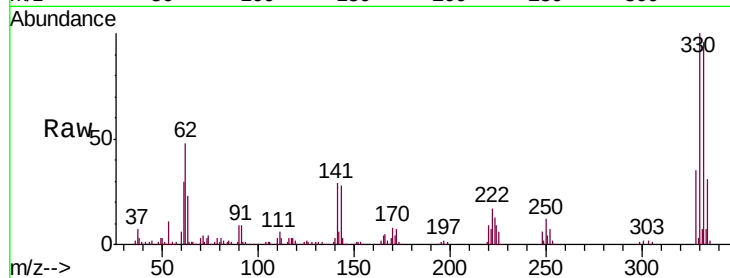




#41
 2,4,6-Tribromophenol
 Concen: 93.626 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF107930.D
 Acq: 3 Aug 2018 00:45

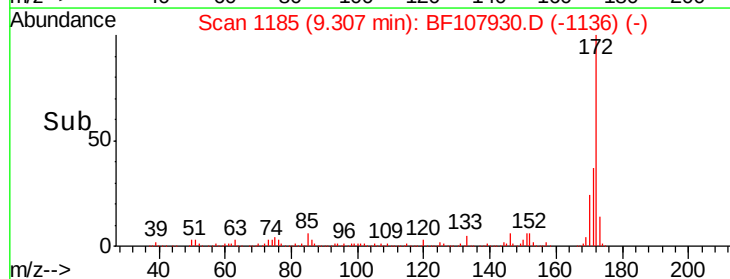
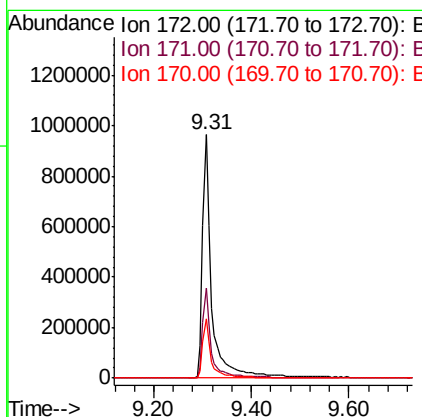
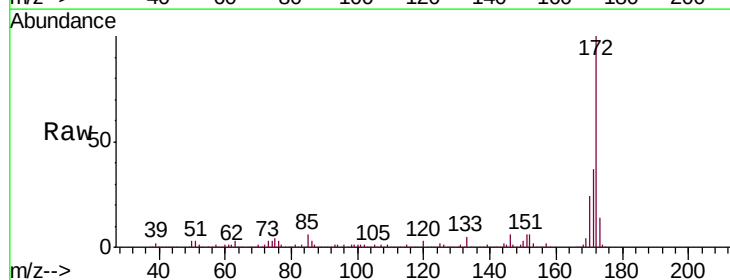
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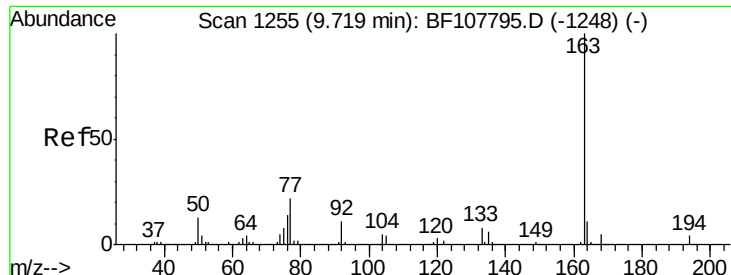
Tgt Ion:330 Resp: 267053
 Ion Ratio Lower Upper
 330 100
 332 94.5 77.0 115.6
 141 27.4 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 84.677 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF107930.D
 Acq: 3 Aug 2018 00:45

Tgt Ion:172 Resp: 1275591
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.7 44.5
 170 24.4 19.6 29.4

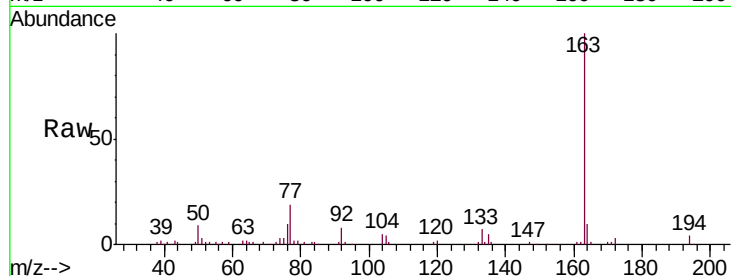




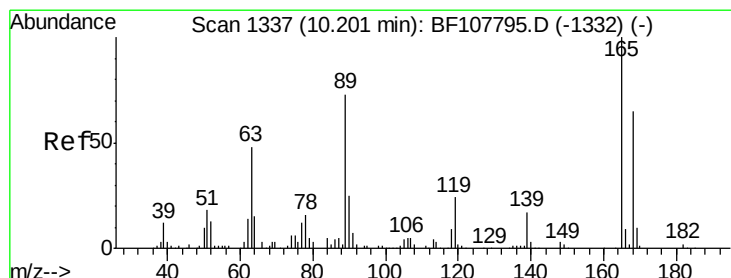
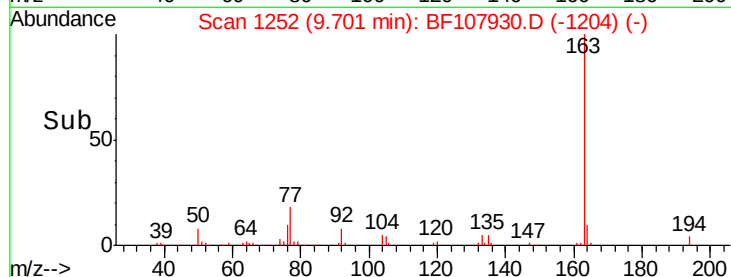
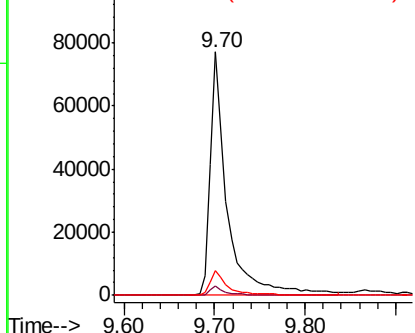
#49
Dimethylphthalate
Concen: 6.512 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF107930.D
Acq: 3 Aug 2018 00:45

Instrument :
BNA_F
ClientSampled :
A4742

Tgt Ion:163 Resp: 102666
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 10.3 8.2 12.2

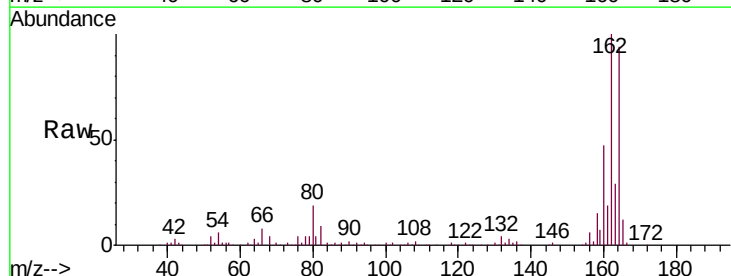


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

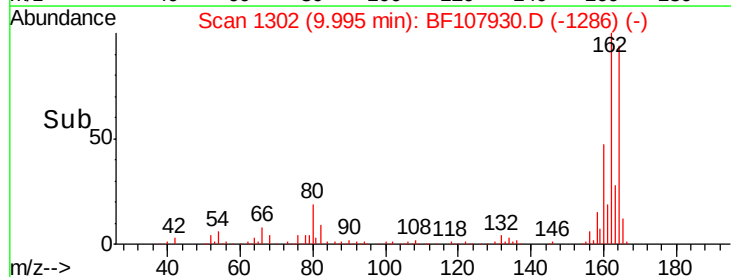
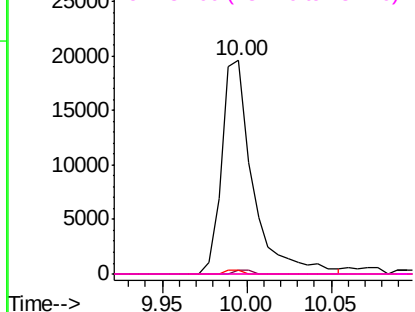


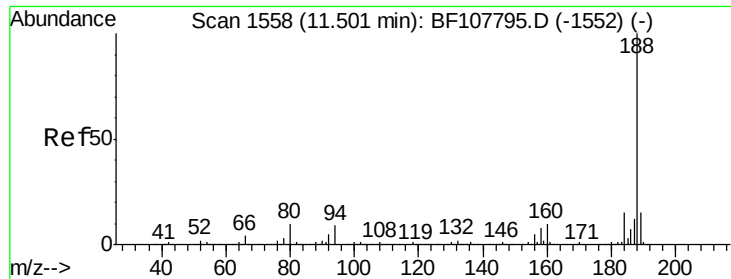
#56
2,4-Dinitrotoluene
Concen: 5.593 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.21 min
Lab File: BF107930.D
Acq: 3 Aug 2018 00:45

Tgt Ion:165 Resp: 25185
Ion Ratio Lower Upper
165 100
63 1.9 36.4 54.6#
89 1.8 57.8 86.6#
182 0.0 1.6 2.4#



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
Ion 182.00 (181.70 to 182.70): E

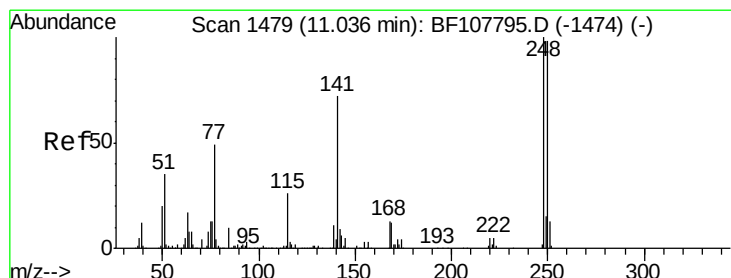
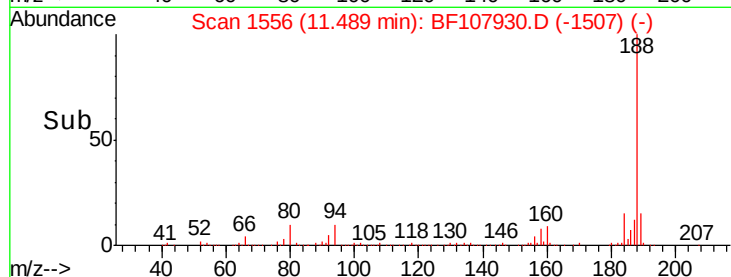
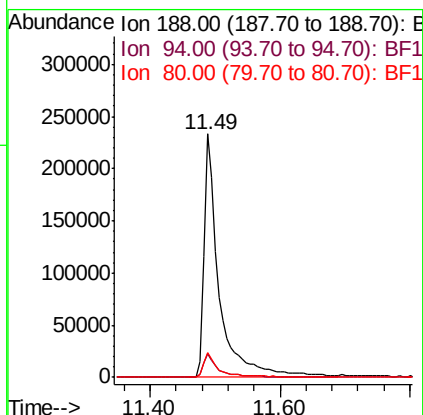
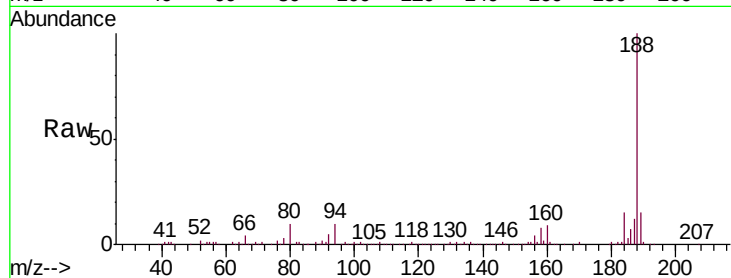




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF107930.D
Acq: 3 Aug 2018 00:45

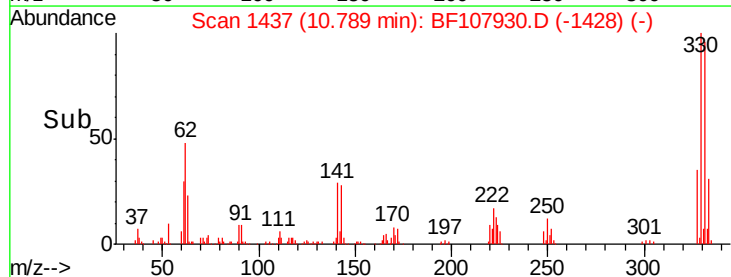
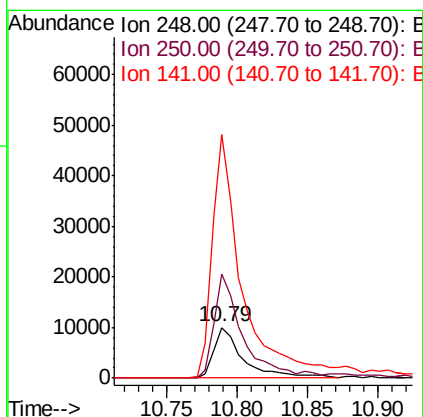
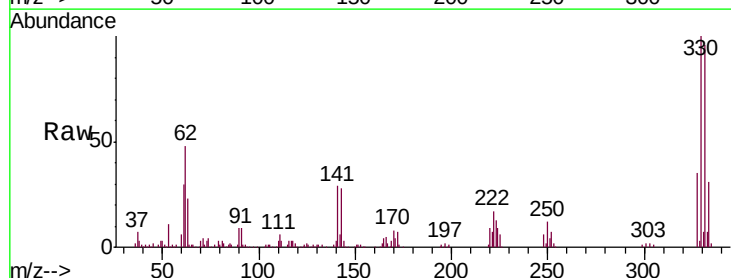
Instrument :
BNA_F
ClientSampleId :
A4742

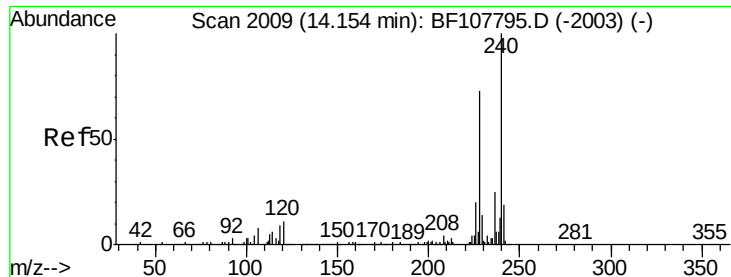
Tgt Ion:188 Resp: 378725
Ion Ratio Lower Upper
188 100
94 9.6 8.5 12.7
80 10.0 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 3.317 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.25 min
Lab File: BF107930.D
Acq: 3 Aug 2018 00:45

Tgt Ion:248 Resp: 14640
Ion Ratio Lower Upper
248 100
250 204.8 76.9 115.3#
141 481.6 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: BF107930.D

Acq: 3 Aug 2018 00:45

Instrument :

BNA_F

ClientSampleId :

A4742

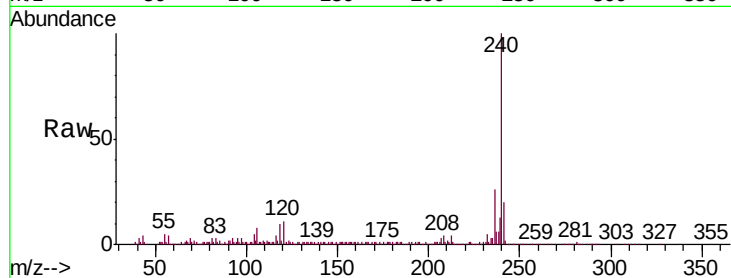
Tgt Ion:240 Resp: 359361

Ion Ratio Lower Upper

240 100

120 11.2 9.5 14.3

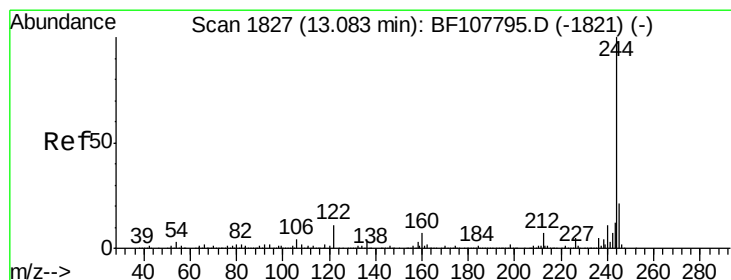
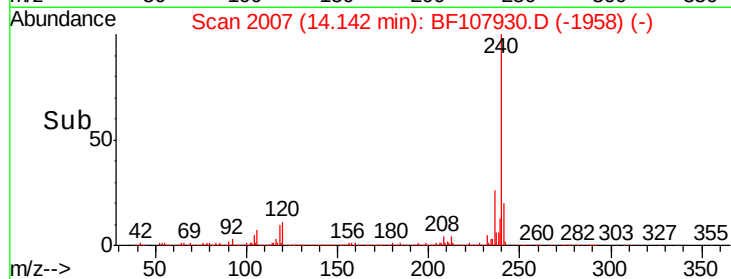
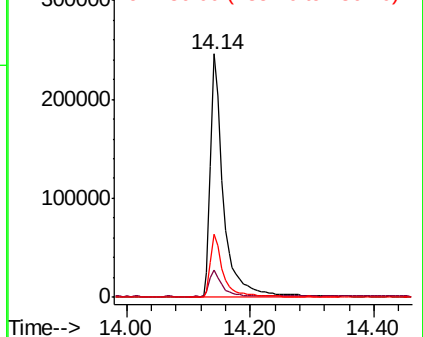
236 25.9 20.7 31.1



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: 73.320 ng

RT: 13.07 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF107930.D

Acq: 3 Aug 2018 00:45

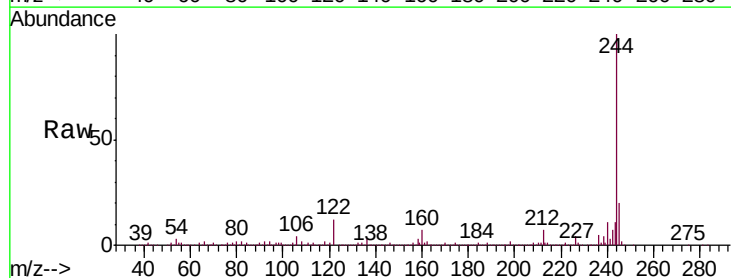
Tgt Ion:244 Resp: 1215082

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

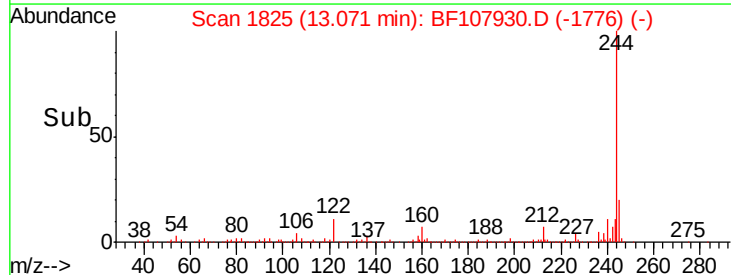
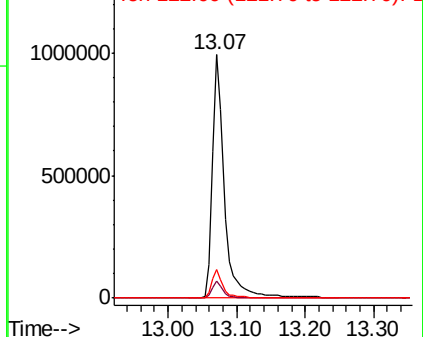
122 11.5 11.0 16.4

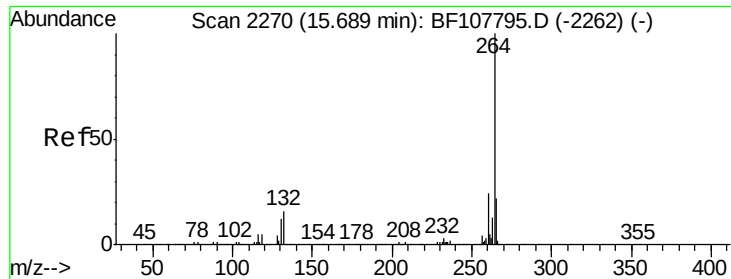


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

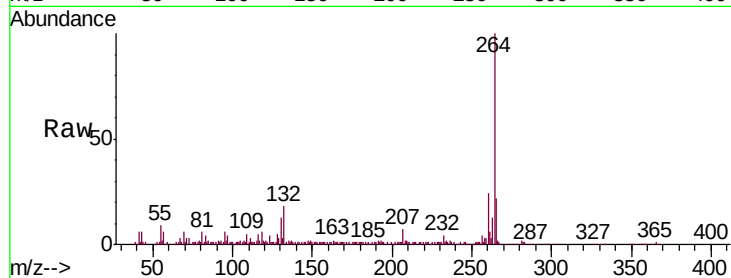




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF107930.D
Acq: 3 Aug 2018 00:45

Instrument :
BNA_F
ClientSampleId :
A4742

Tgt Ion:	264	Resp:	284611
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.8	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

