

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080118\
 Data File : BF107895.D
 Acq On : 1 Aug 2018 18:01
 Operator : JU/SJ
 Sample : J4256-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 02 00:58:38 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	6.97	152	118439	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	477944	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	209986	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	397231	20.00	ng	0.00
75) Chrysene-d12	14.15	240	372709	20.00	ng	0.00
86) Perylene-d12	15.69	264	371880	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	413050	59.27	ng	0.00
7) Phenol-d6	6.60	99	355069	38.66	ng	0.00
23) Nitrobenzene-d5	7.53	82	785295	94.66	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	349199	122.38	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	1437978	95.43	ng	0.00
78) Terphenyl-d14	13.08	244	1405803	81.79	ng	0.00

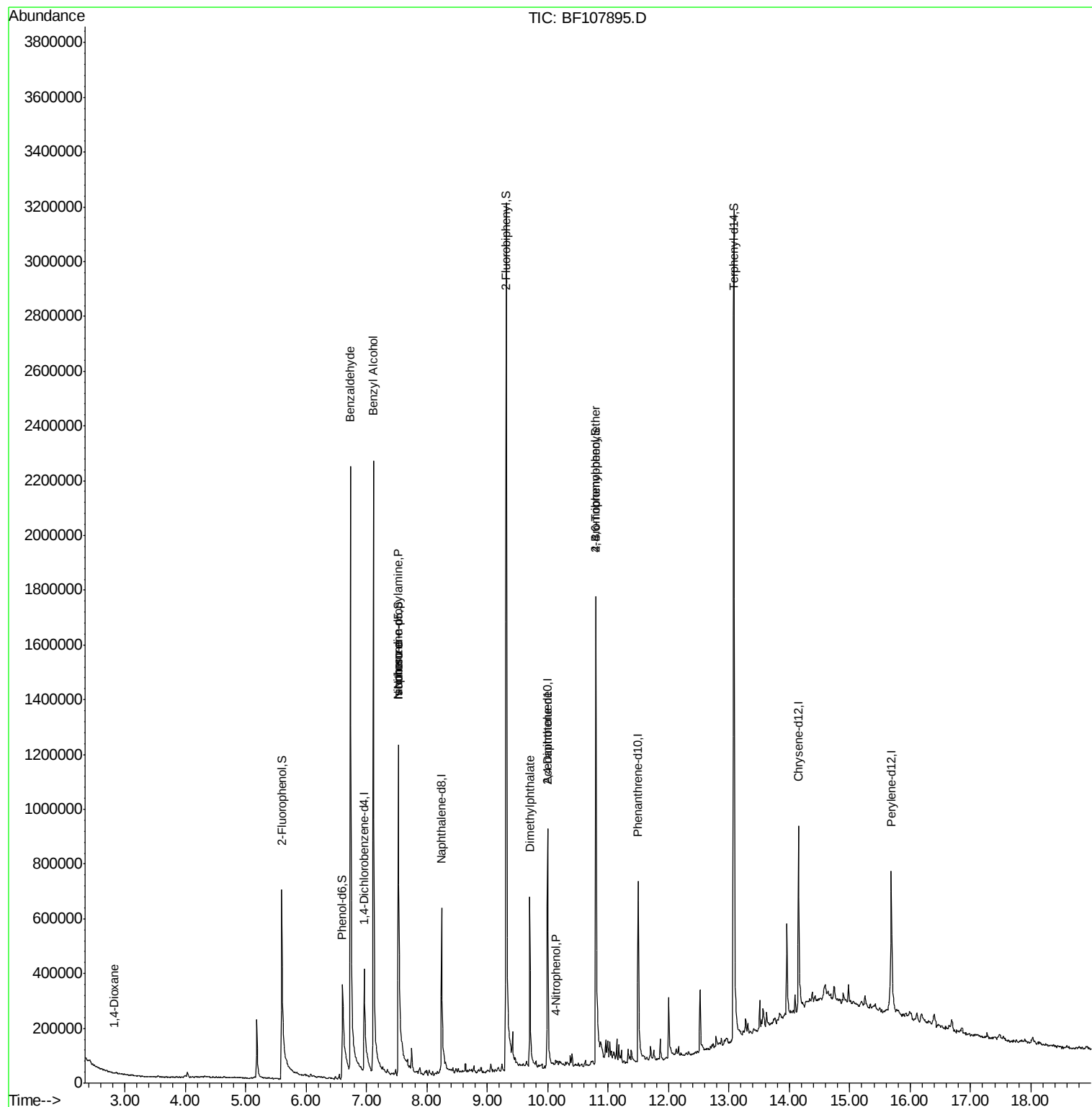
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.81	88	318	5.879	ng	# 24
9) Benzaldehyde	6.74	77	17444	3.148	ng	# 84
15) Benzyl Alcohol	7.11	79	12306	2.156	ng	# 49
19) n-Nitroso-di-n-propylamine	7.53	70	92466	15.871	ng	# 80
25) Isophorone	7.53	82	785295	57.666	ng	# 64
49) Dimethylphthalate	9.71	163	304028	19.279	ng	# 99
55) 4-Nitrophenol	10.13	139	4485	11.262	ng	# 49
56) 2,4-Dinitrotoluene	10.00	165	25559	5.674	ng	# 24
66) 4-Bromophenyl-phenylether	10.80	248	20426	4.412	ng	# 1

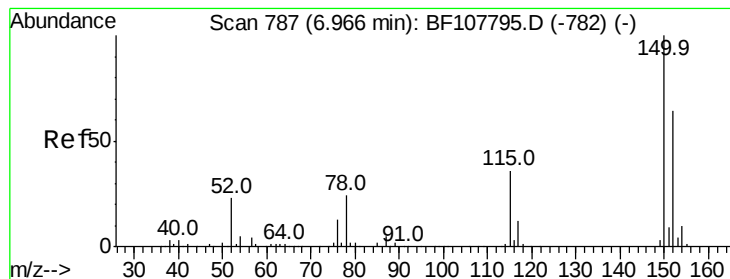
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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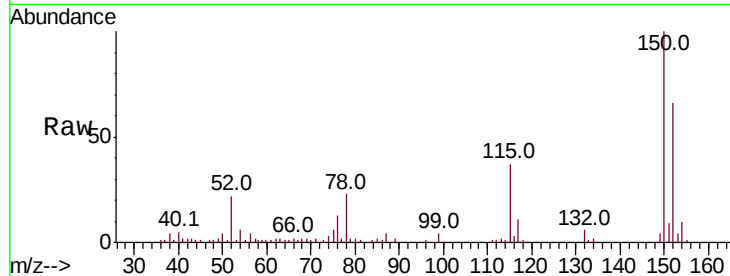


#1

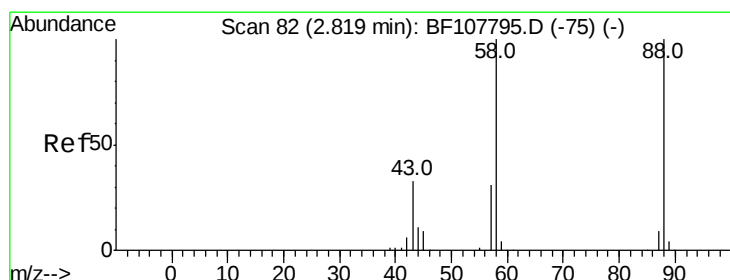
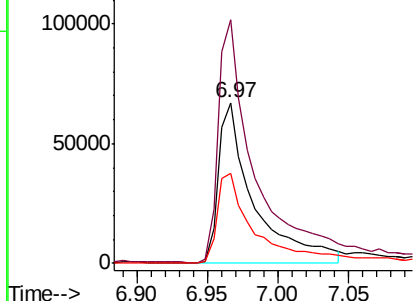
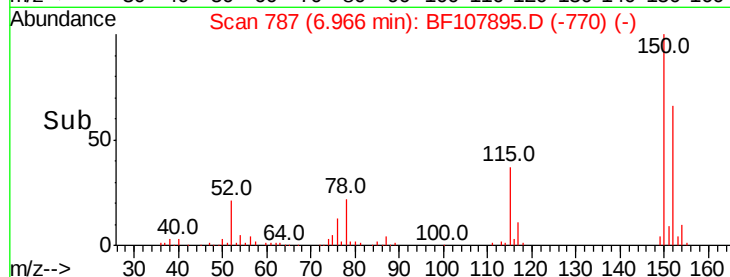
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF107895.D
Acq: 1 Aug 2018 18:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 118439
Ion Ratio Lower Upper
152 100
150 151.3 124.6 186.8
115 55.7 50.1 75.1



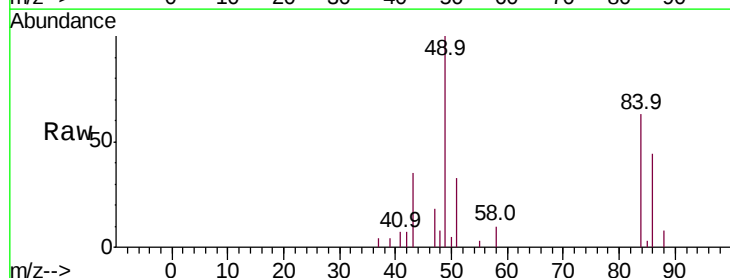
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



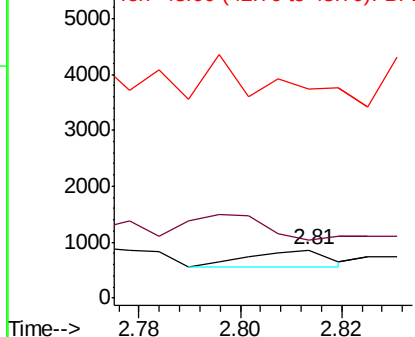
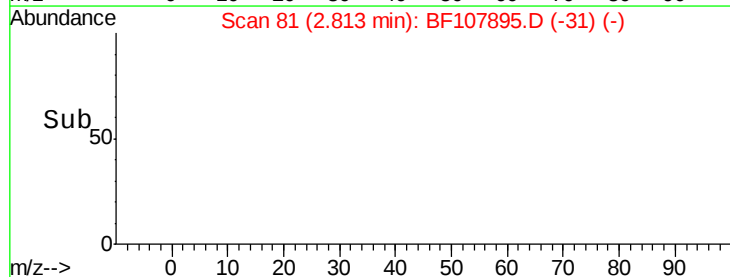
#2

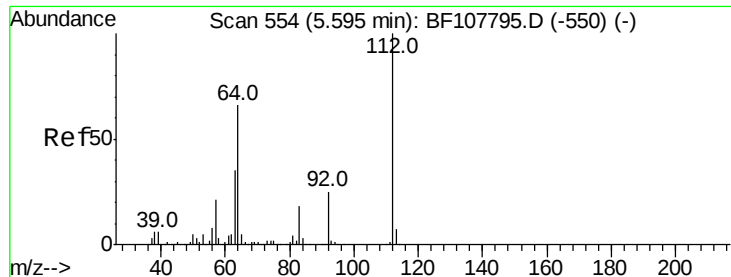
1,4-Dioxane
Concen: 5.879 ng
RT: 2.81 min Scan# 81
Delta R.T. -0.01 min
Lab File: BF107895.D
Acq: 1 Aug 2018 18:01

Tgt Ion: 88 Resp: 318
Ion Ratio Lower Upper
88 100
58 150.6 62.6 93.8#
43 0.0 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: 59.271 ng

RT: 5.60 min Scan# 554

Delta R.T. 0.00 min

Lab File: BF107895.D

Acq: 1 Aug 2018 18:01

Instrument :

BNA_F

ClientSampleId :

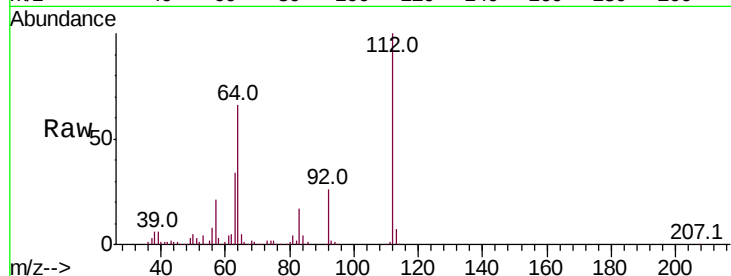
Tot Ion:112 Resp: 413050

Ion Ratio Lower Upper

112 100

64 65.9 47.9 71.9

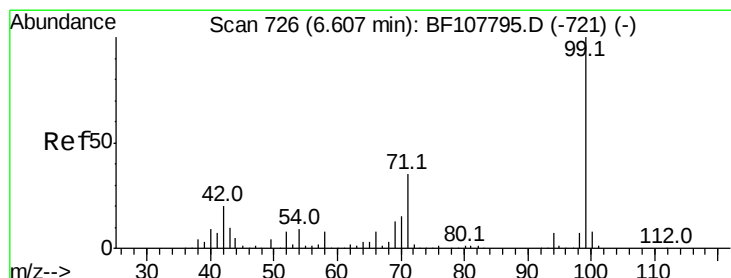
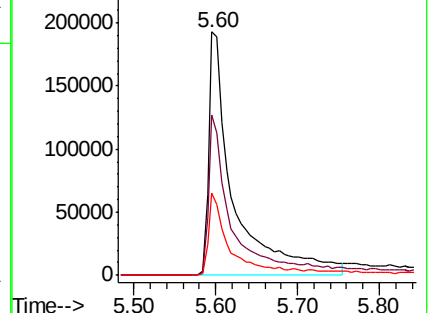
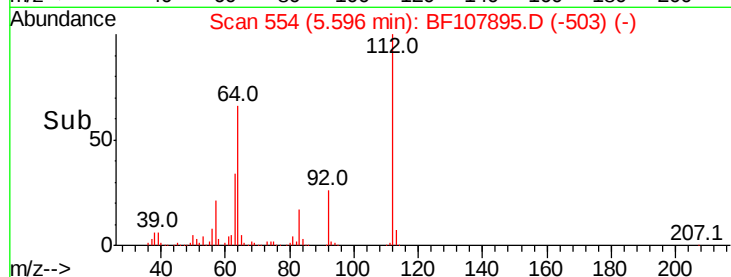
63 33.7 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#7

Phenol-d6

Concen: 38.659 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107895.D

Acq: 1 Aug 2018 18:01

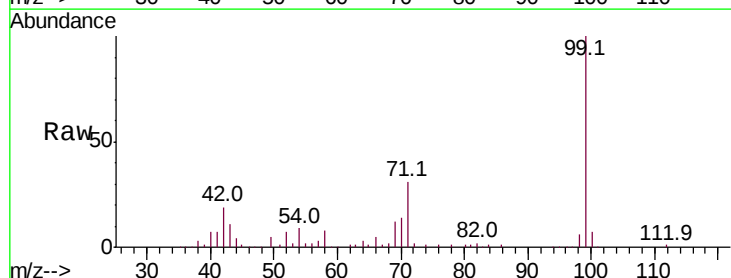
Tgt Ion: 99 Resp: 355069

Ion Ratio Lower Upper

99 100

42 19.1 14.5 21.7

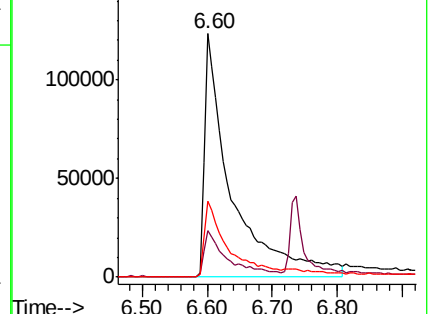
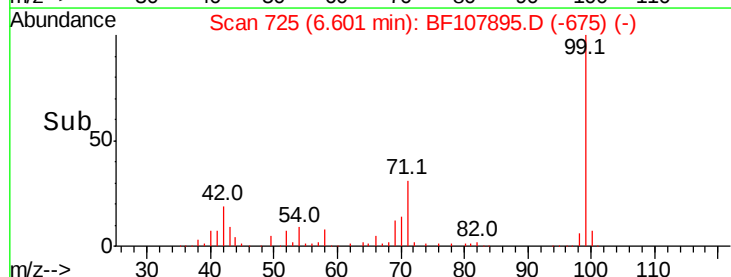
71 31.1 25.4 38.0

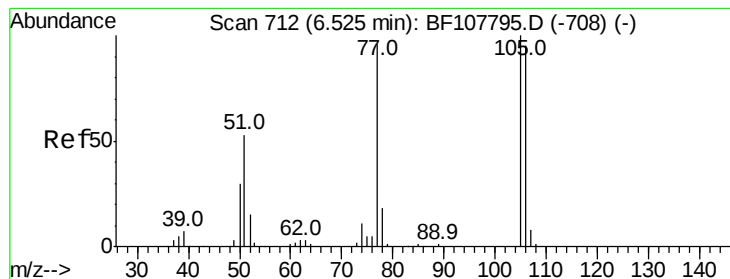


Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1





#9

Benzaldehyde

Concen: 3.148 ng

RT: 6.74 min Scan# 748

Delta R.T. 0.21 min

Lab File: BF107895.D

Acq: 1 Aug 2018 18:01

Instrument :

BNA_F

ClientSampleId :

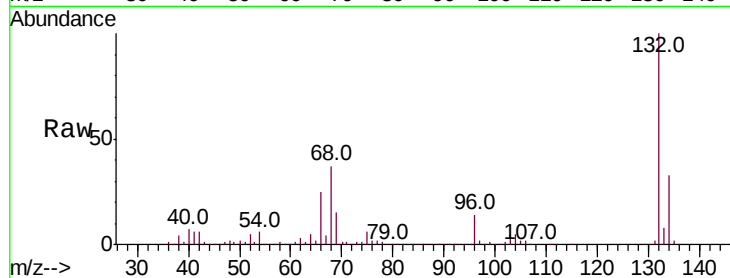
Tot Ion: 77 Resp: 17444

Ion Ratio Lower Upper

77 100

105 87.1 81.1 121.1

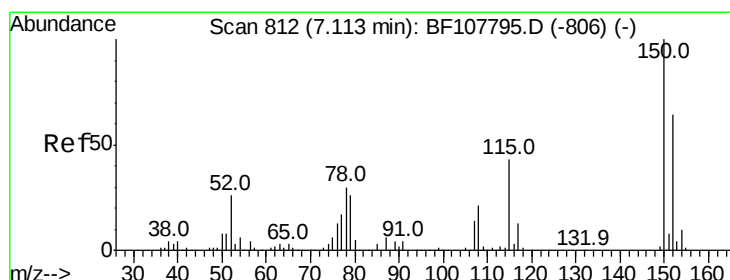
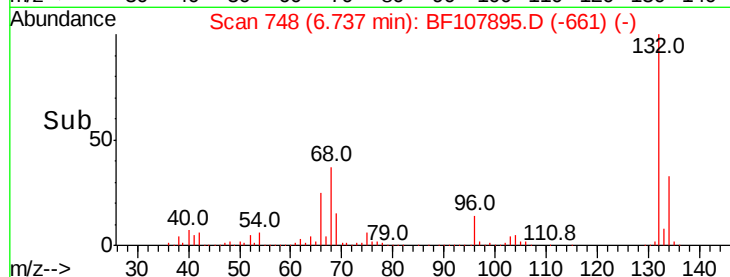
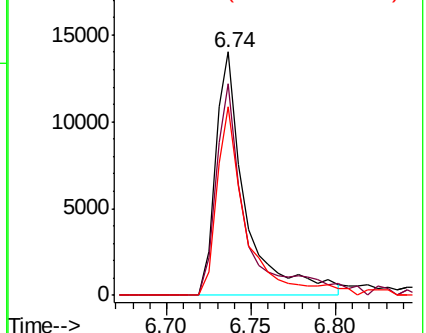
106 77.6 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#15

Benzyl Alcohol

Concen: 2.156 ng

RT: 7.11 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF107895.D

Acq: 1 Aug 2018 18:01

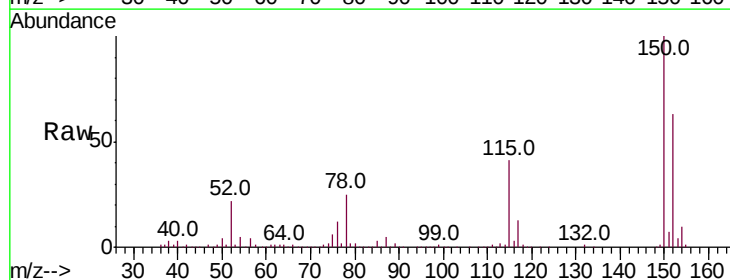
Tgt Ion: 79 Resp: 12306

Ion Ratio Lower Upper

79 100

108 25.9 65.1 97.7#

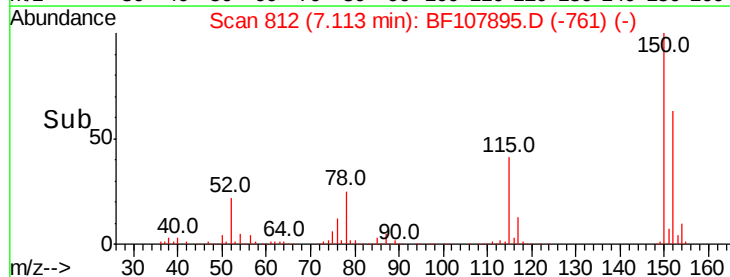
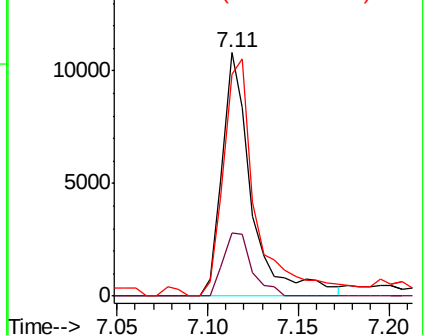
77 91.3 50.6 75.8#

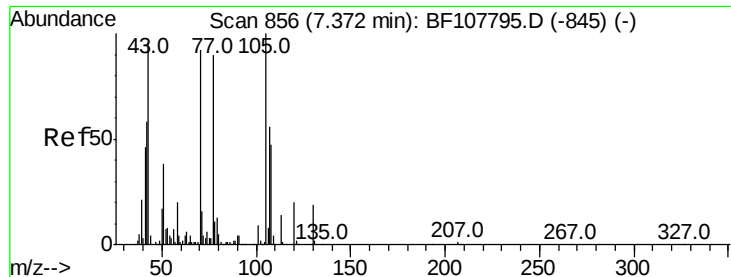


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

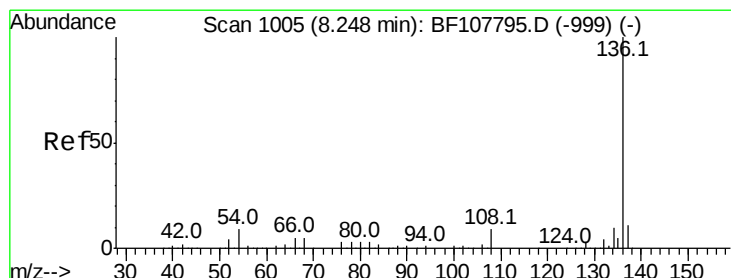
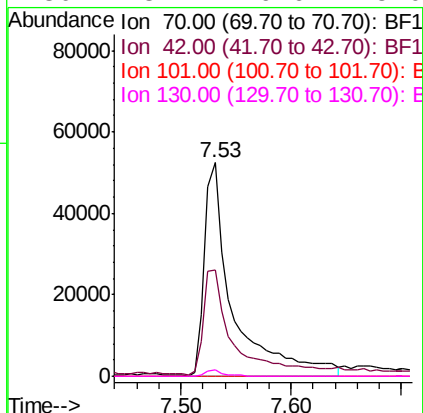
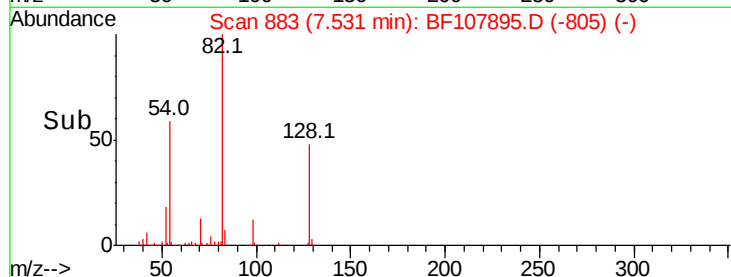
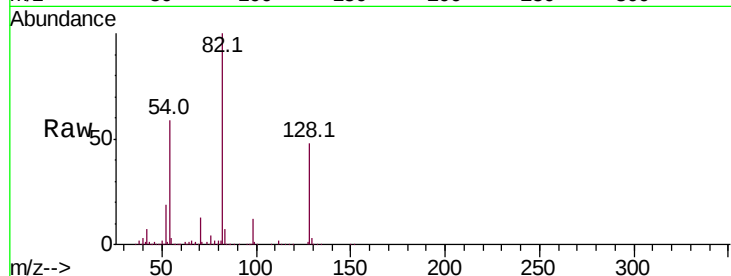




#19
n-Nitroso-di-n-propylamine
Concen: 15.871 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.16 min
Lab File: BF107895.D
Acq: 1 Aug 2018 18:01

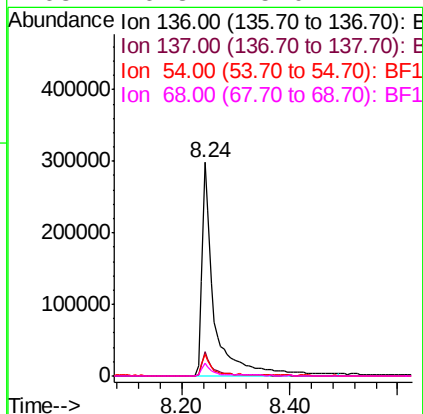
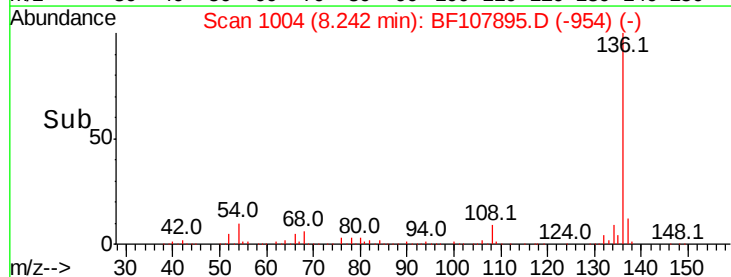
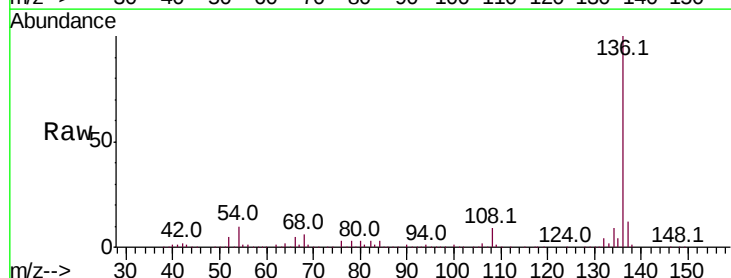
Instrument :
BNA_F
ClientSampled :

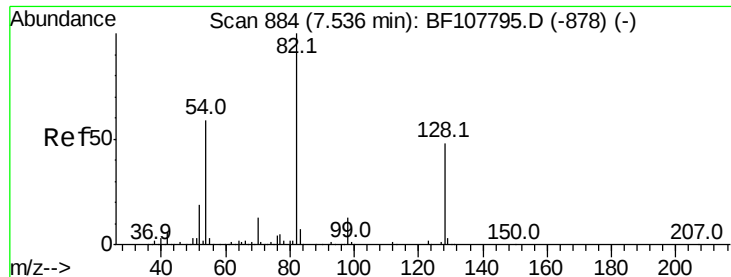
Tot Ion: 70 Resp: 92466
Ion Ratio Lower Upper
70 100
42 49.9 47.5 71.3
101 0.0 7.4 11.2#
130 3.2 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF107895.D
Acq: 1 Aug 2018 18:01

Tgt Ion: 136 Resp: 477944
Ion Ratio Lower Upper
136 100
137 11.6 8.9 13.3
54 10.3 6.6 9.8#
68 6.3 5.0 7.4

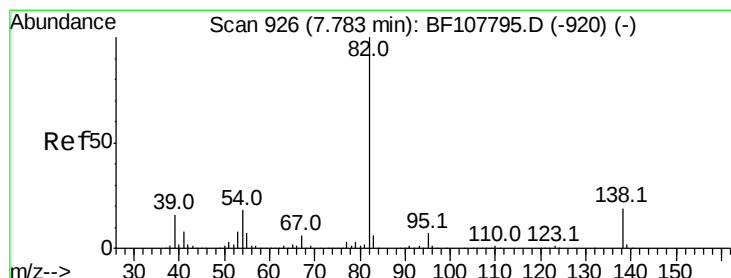
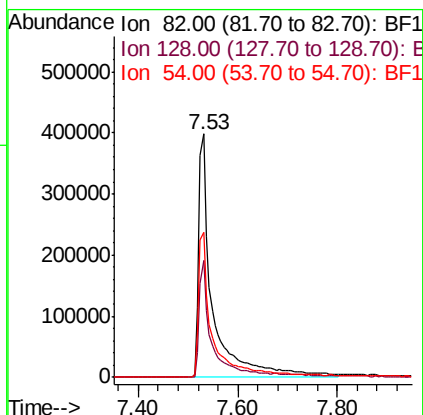
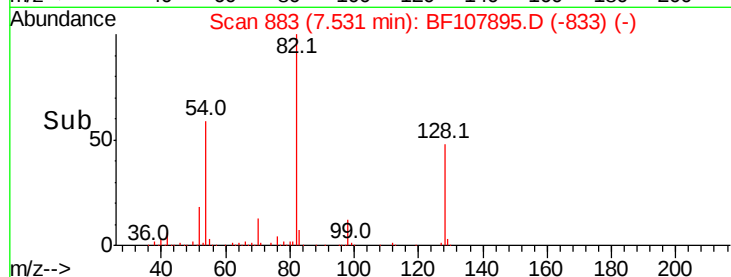
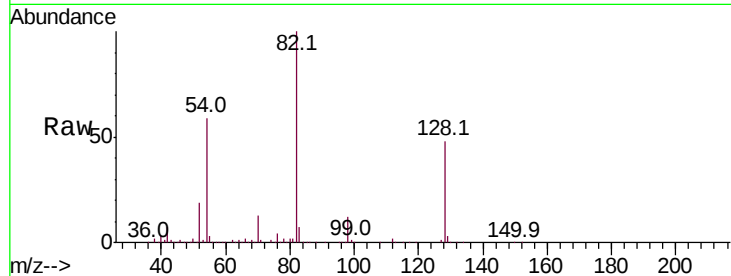




#23
Nitrobenzene-d5
Concen: 94.658 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF107895.D
Acq: 1 Aug 2018 18:01

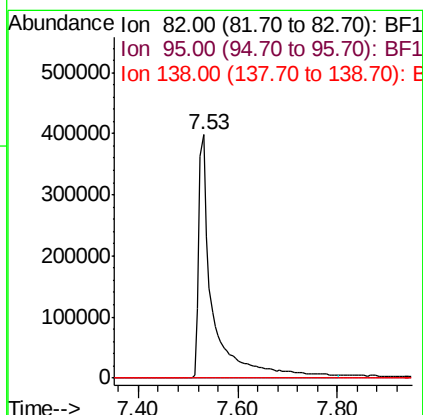
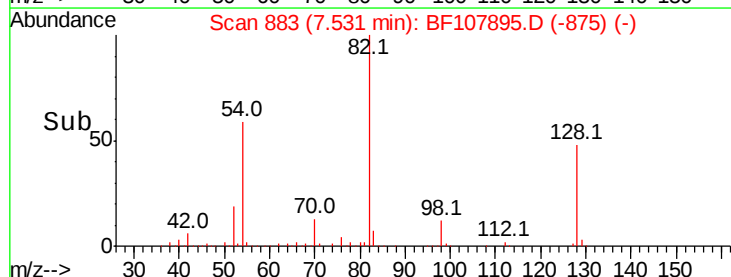
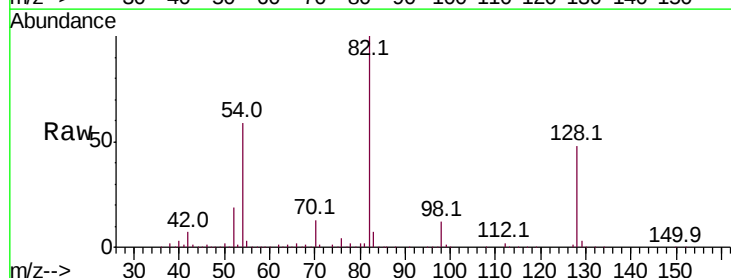
Instrument :
BNA_F
ClientSampled :

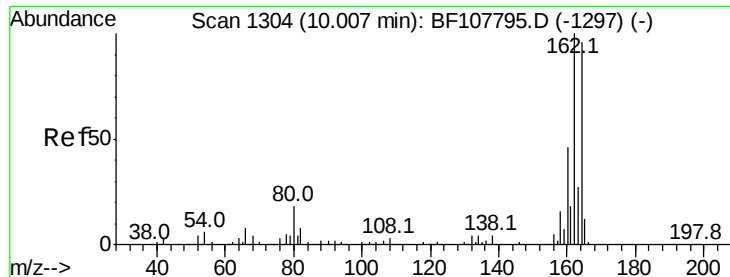
Tot Ion: 82 Resp: 785295
Ion Ratio Lower Upper
82 100
128 48.1 36.1 54.1
54 59.5 41.4 62.2



#25
Isophorone
Concen: 57.666 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.25 min
Lab File: BF107895.D
Acq: 1 Aug 2018 18:01

Tgt Ion: 82 Resp: 785295
Ion Ratio Lower Upper
82 100
95 0.1 5.2 7.8#
138 0.0 14.9 22.3#

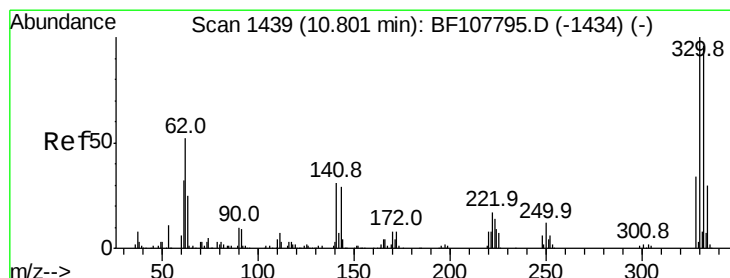
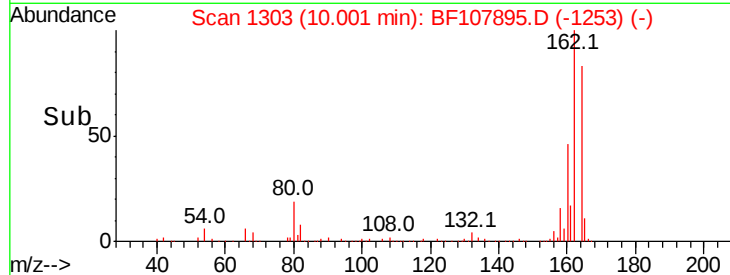
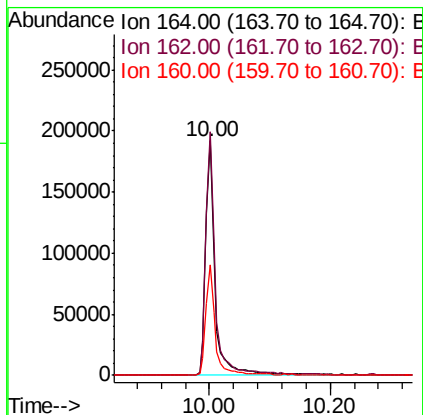
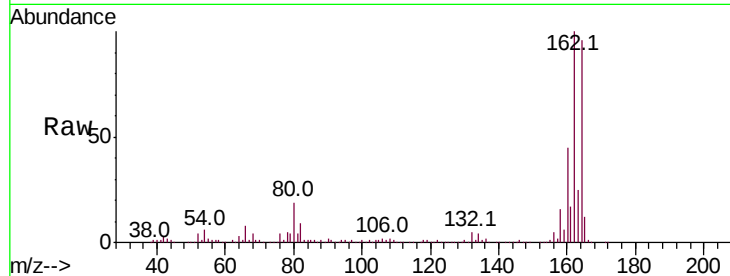




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF107895.D
 Acq: 1 Aug 2018 18:01

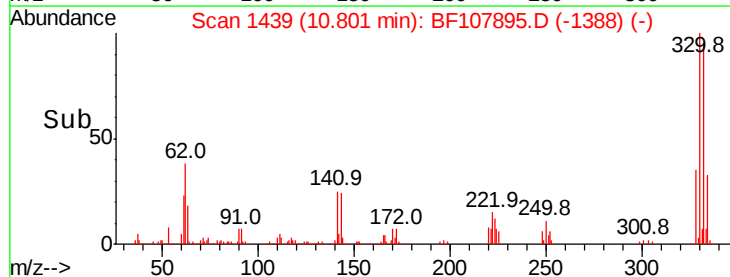
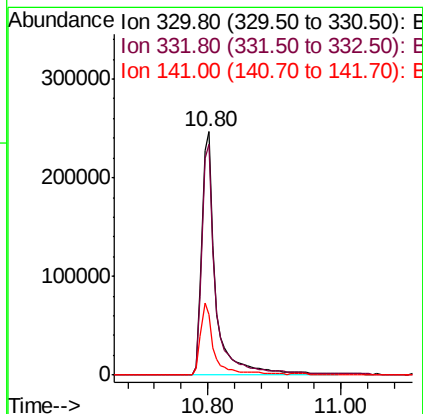
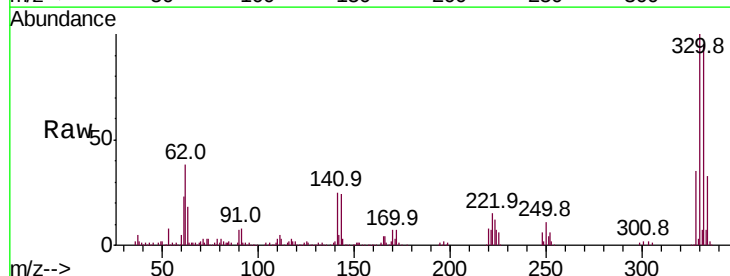
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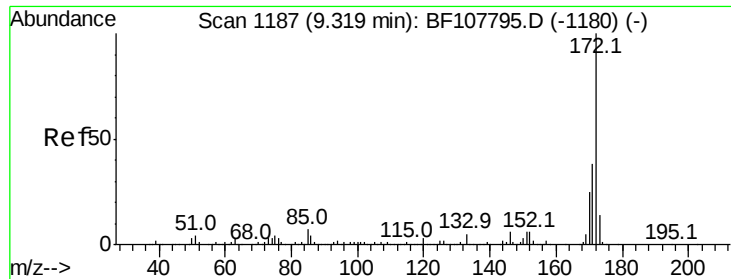
Tot Ion:164 Resp: 209986
 Ion Ratio Lower Upper
 164 100
 162 103.9 86.1 129.1
 160 47.3 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 122.385 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF107895.D
 Acq: 1 Aug 2018 18:01

Tgt Ion:330 Resp: 349199
 Ion Ratio Lower Upper
 330 100
 332 94.5 77.0 115.6
 141 28.3 29.9 44.9#

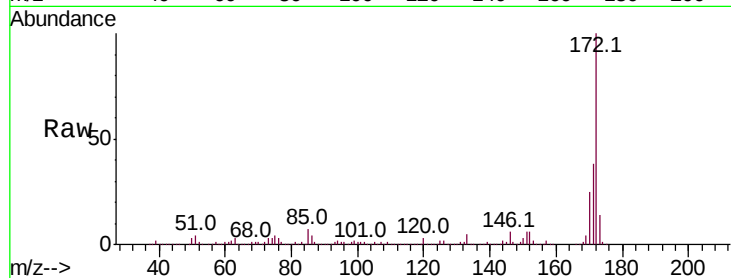




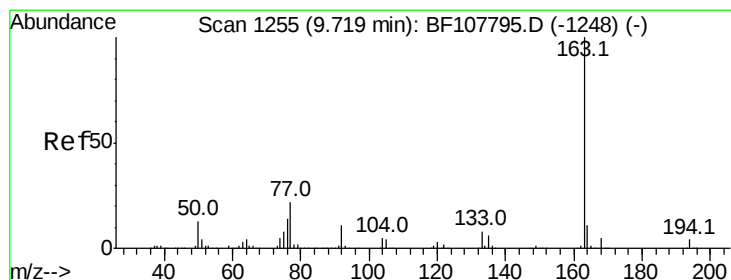
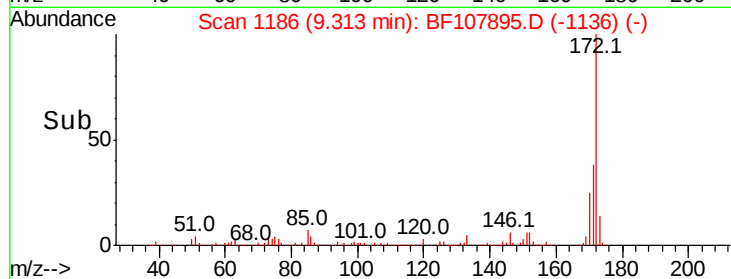
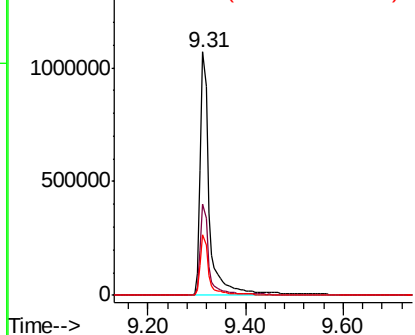
#44
2-Fluorobiphenyl
Concen: 95.426 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF107895.D
Acq: 1 Aug 2018 18:01

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 1437978
Ion Ratio Lower Upper
172 100
171 37.5 29.7 44.5
170 25.0 19.6 29.4

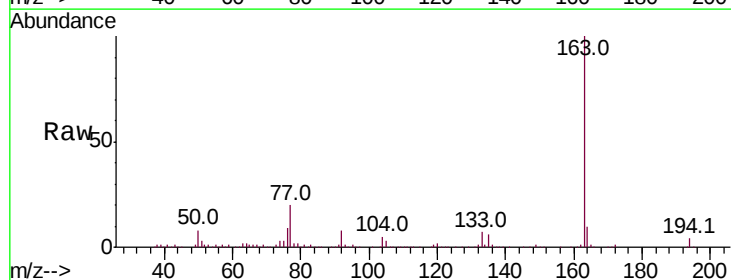


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

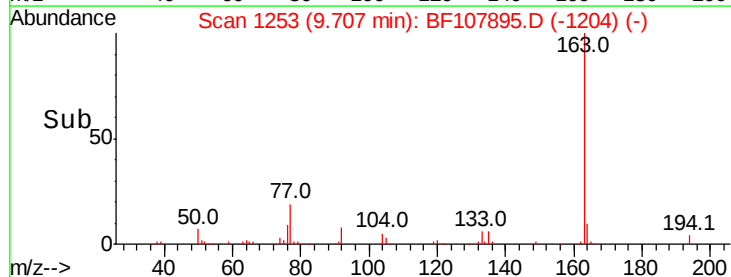
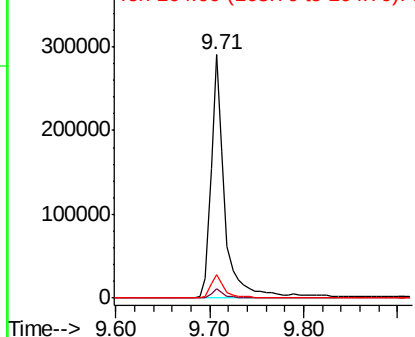


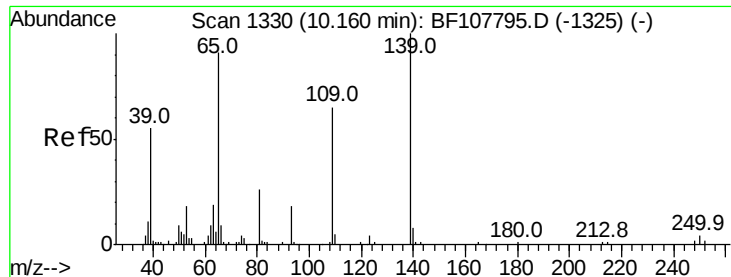
#49
Dimethylphthalate
Concen: 19.279 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF107895.D
Acq: 1 Aug 2018 18:01

Tgt Ion:163 Resp: 304028
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 9.8 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

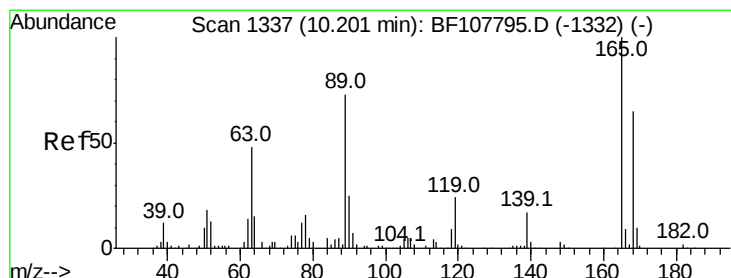
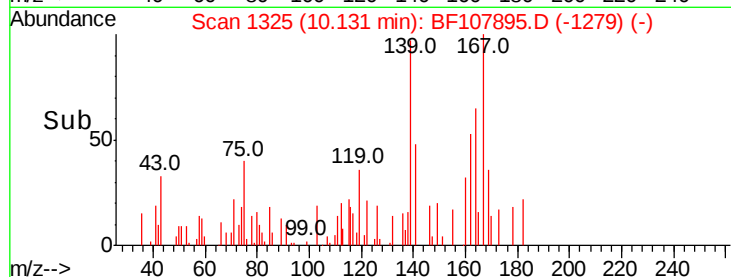
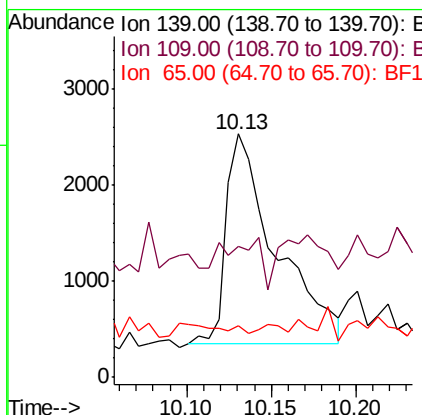
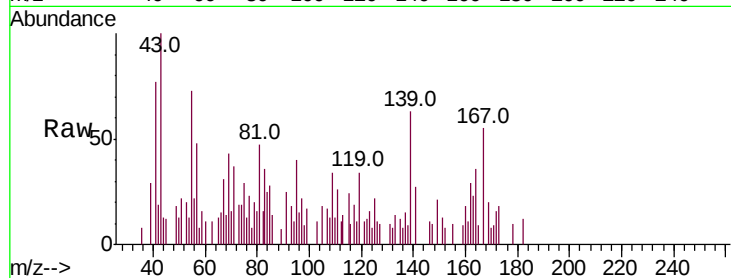




#55
4-Nitrophenol
Concen: 11.262 ng
RT: 10.13 min Scan# 1325
Delta R.T. -0.03 min
Lab File: BF107895.D
Acq: 1 Aug 2018 18:01

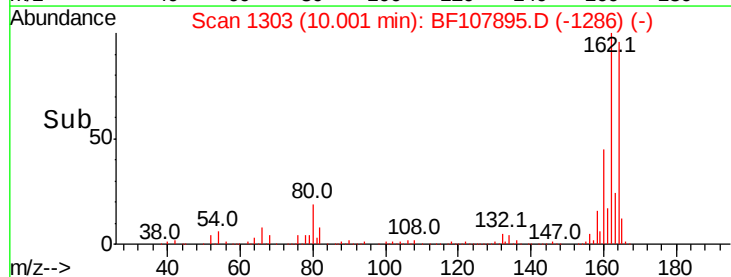
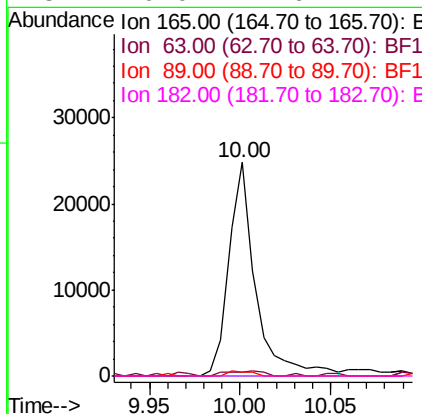
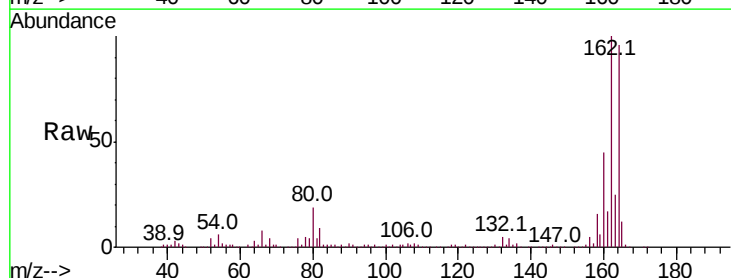
Instrument :
BNA_F
ClientSampleId :

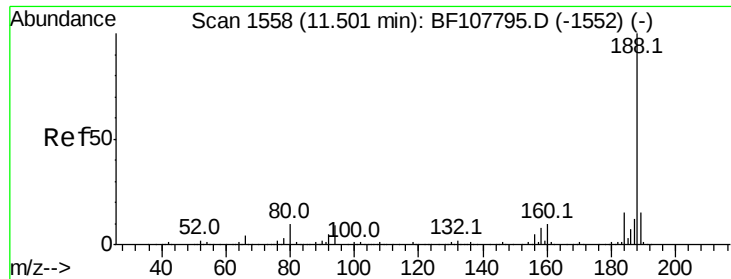
Tot Ion:139 Resp: 4485
Ion Ratio Lower Upper
139 100
109 53.8 48.4 88.4
65 21.1 72.6 112.6#



#56
2,4-Dinitrotoluene
Concen: 5.674 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.20 min
Lab File: BF107895.D
Acq: 1 Aug 2018 18:01

Tgt Ion:165 Resp: 25559
Ion Ratio Lower Upper
165 100
63 2.0 36.4 54.6#
89 2.0 57.8 86.6#
182 0.0 1.6 2.4#

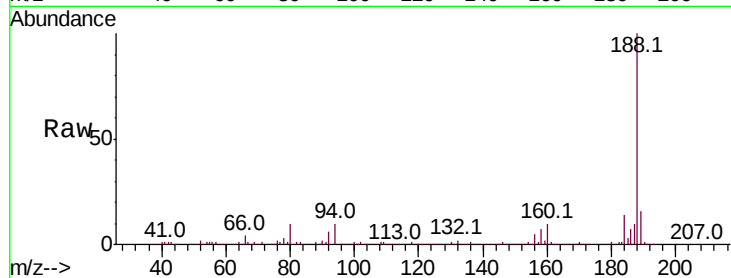




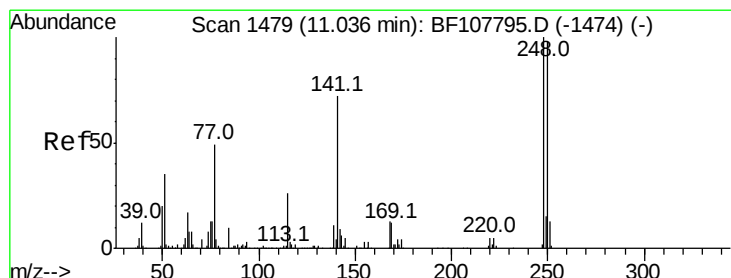
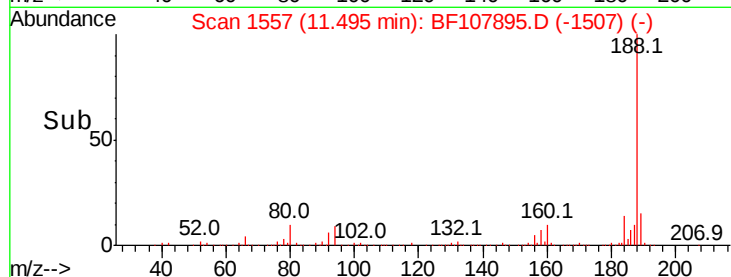
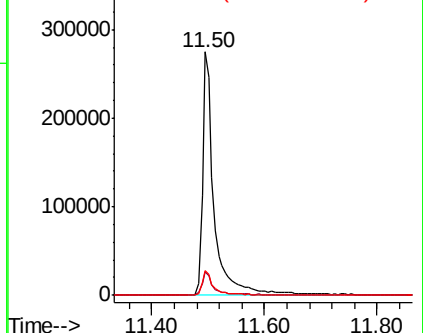
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF107895.D
Acq: 1 Aug 2018 18:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 397231
Ion Ratio Lower Upper
188 100
94 9.5 8.5 12.7
80 10.2 9.2 13.8

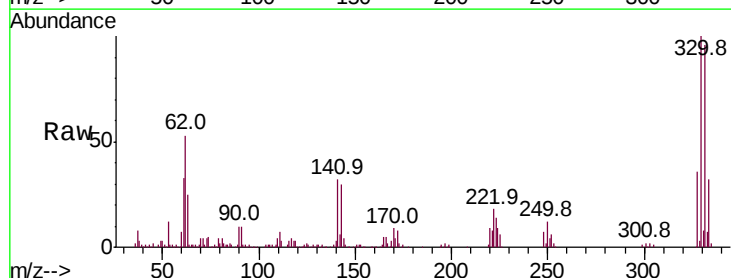


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

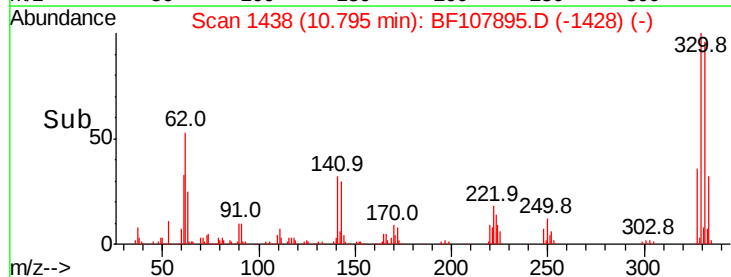
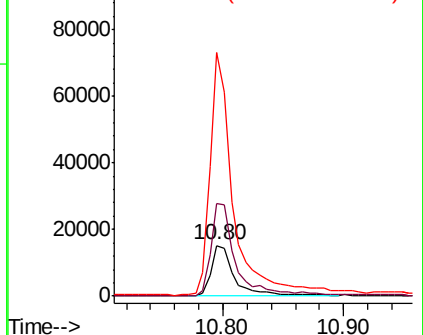


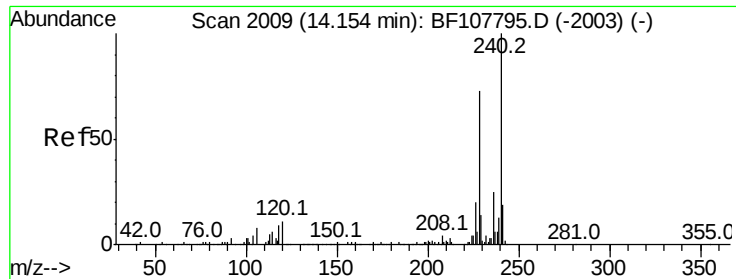
#66
4-Bromophenyl-phenylether
Concen: 4.412 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF107895.D
Acq: 1 Aug 2018 18:01

Tgt Ion:248 Resp: 20426
Ion Ratio Lower Upper
248 100
250 184.1 76.9 115.3#
141 481.0 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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BF107895.D

Acq: 1 Aug 2018 18:01

Instrument :

BNA_F

ClientSampleId :

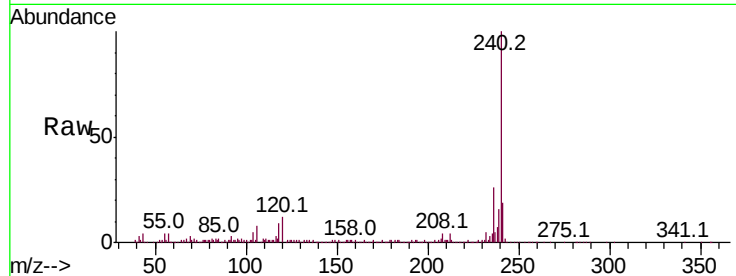
Tot Ion:240 Resp: 372709

Ion Ratio Lower Upper

240 100

120 11.9 9.5 14.3

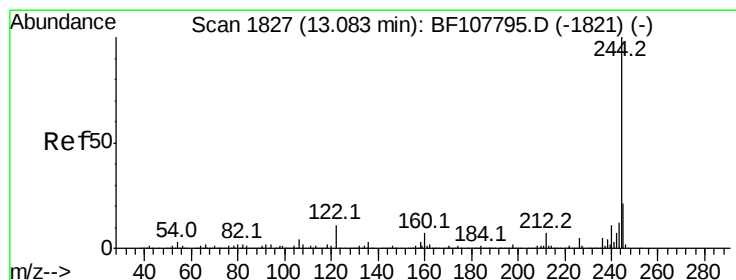
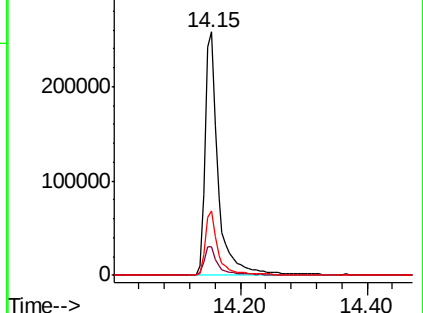
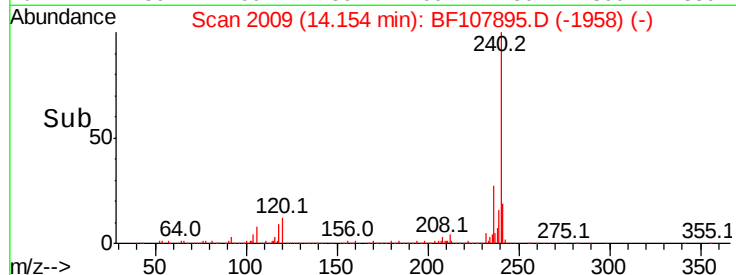
236 26.5 20.7 31.1



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: 81.790 ng

RT: 13.08 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF107895.D

Acq: 1 Aug 2018 18:01

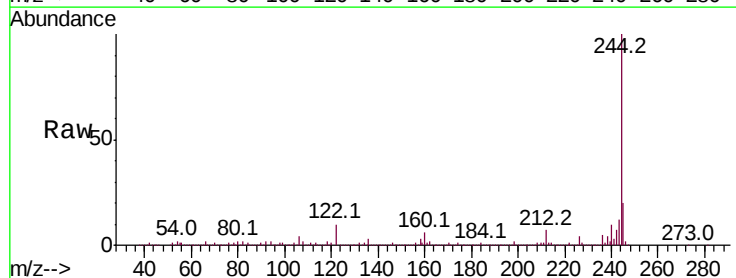
Tgt Ion:244 Resp: 1405803

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

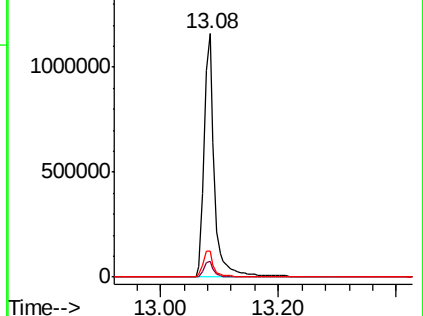
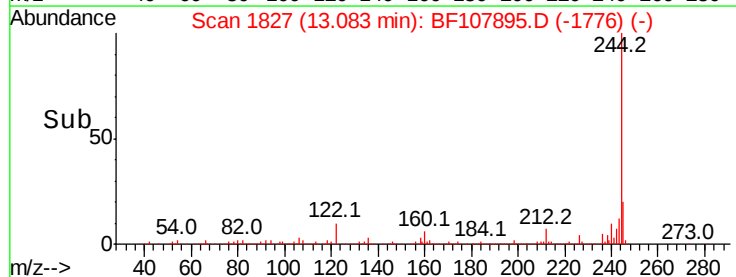
122 10.5 11.0 16.4#

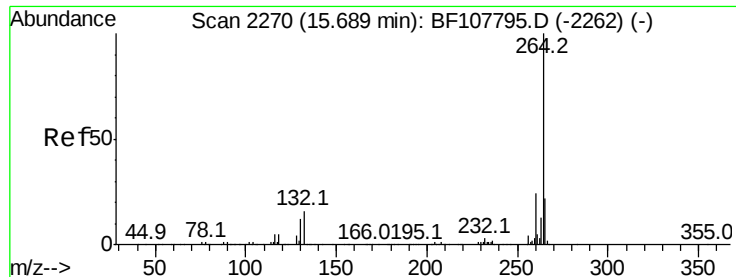


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. 0.00 min
Lab File: BF107895.D
Acq: 1 Aug 2018 18:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.3	17.5	26.3

