

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
 Data File : BF107808.D
 Acq On : 30 Jul 2018 19:00
 Operator : JU/SJ
 Sample : J4218-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 31 01:02:49 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	183219	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	800406	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	359540	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	784231	20.00	ng	0.00
75) Chrysene-d12	14.15	240	605214	20.00	ng	0.00
86) Perylene-d12	15.68	264	515954	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	1432836	132.91	ng	0.00
7) Phenol-d6	6.60	99	1898847	133.65	ng	0.00
23) Nitrobenzene-d5	7.52	82	1303159	93.80	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	619065	126.72	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	2162546	83.82	ng	0.00
78) Terphenyl-d14	13.08	244	2246885	80.50	ng	0.00

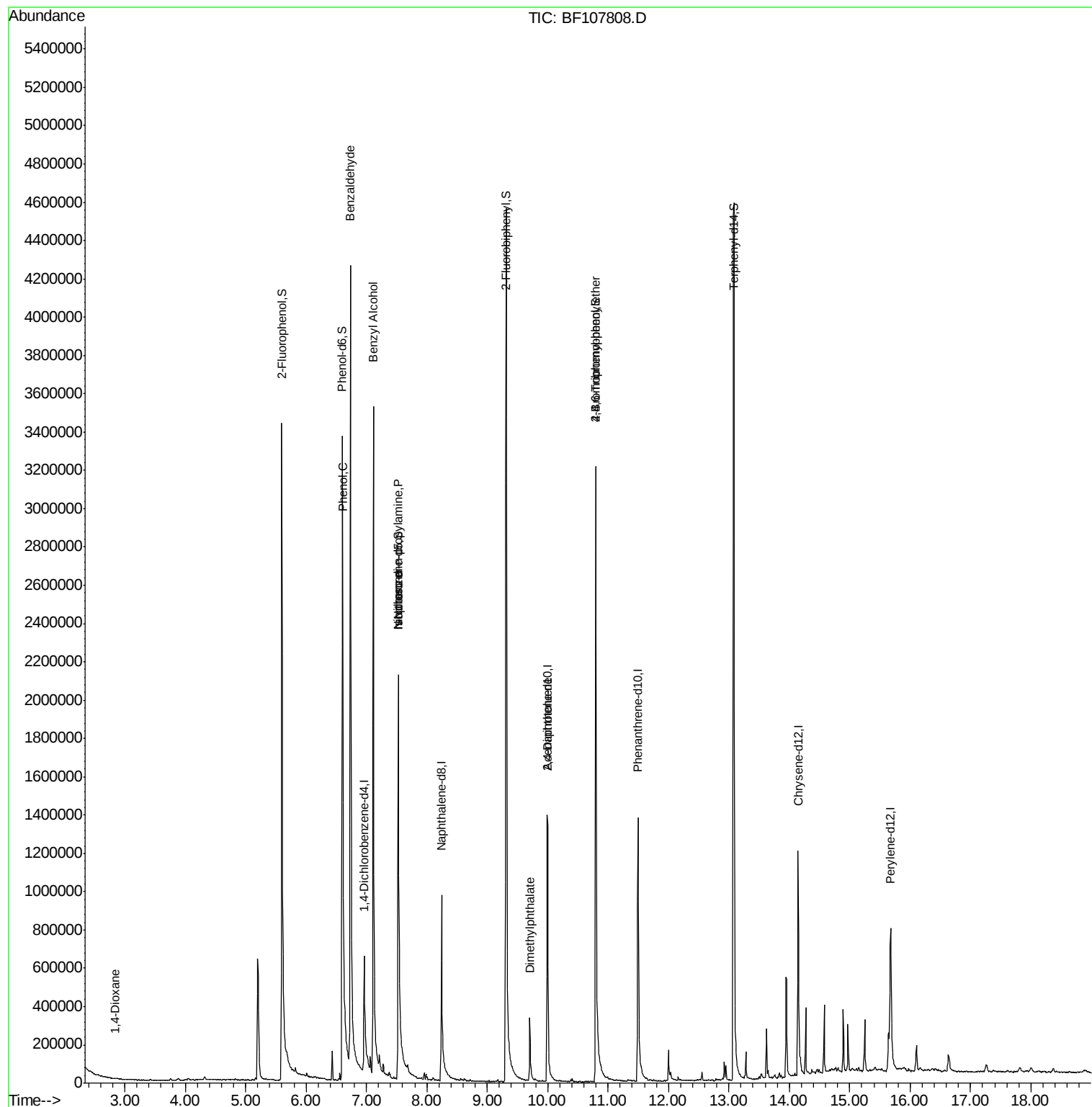
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.84	88	100	5.811	ng	# 1
9) Benzaldehyde	6.74	77	33477	3.905	ng	# 87
10) Phenol	6.61	94	94521	5.579	ng	# 46
15) Benzyl Alcohol	7.11	79	19545	2.213	ng	# 41
19) n-Nitroso-di-n-propylamine	7.52	70	154987	17.196	ng	# 78
25) Isophorone	7.52	82	1318523	57.815	ng	# 64
49) Dimethylphthalate	9.71	163	195771	7.250	ng	# 99
56) 2,4-Dinitrotoluene	10.00	165	45703	5.926	ng	# 23
66) 4-Bromophenyl-phenylether	10.80	248	36165	3.957	ng	# 1

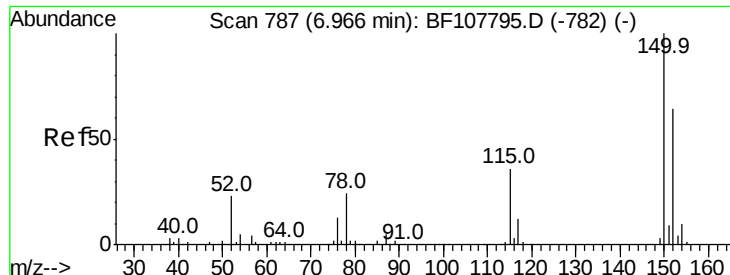
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
Data File : BF107808.D
Acq On : 30 Jul 2018 19:00
Operator : JU/SJ
Sample : J4218-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jul 31 01:02:49 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



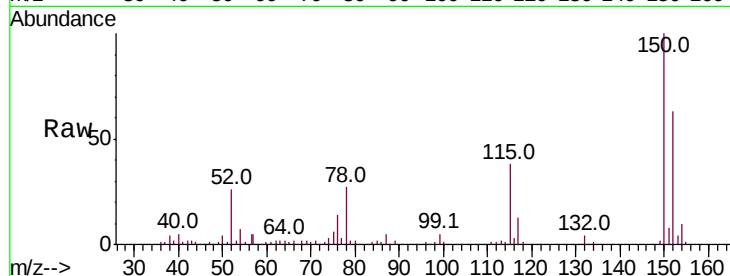


#1

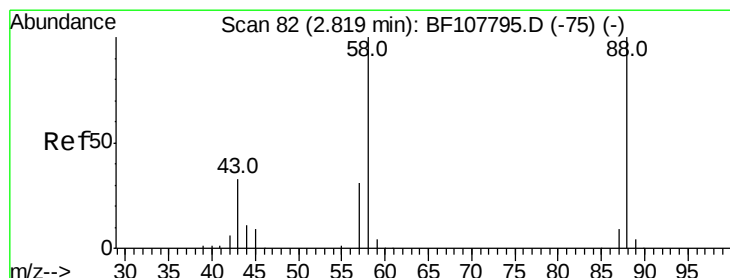
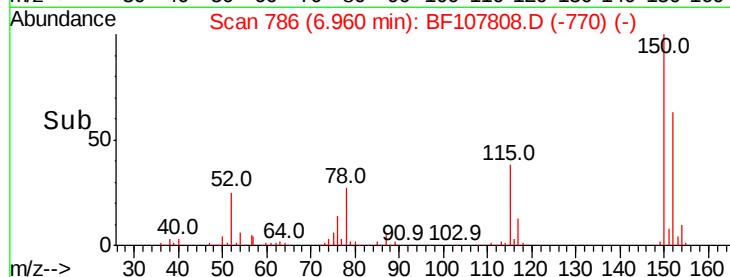
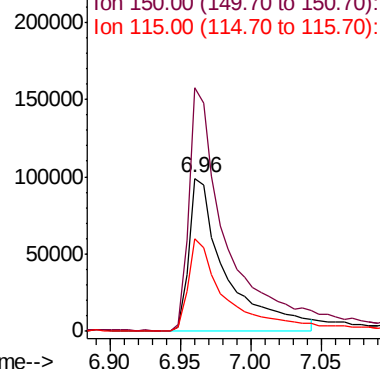
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF107808.D
Acq: 30 Jul 2018 19:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 183219
Ion Ratio Lower Upper
152 100
150 159.1 124.6 186.8
115 60.8 50.1 75.1



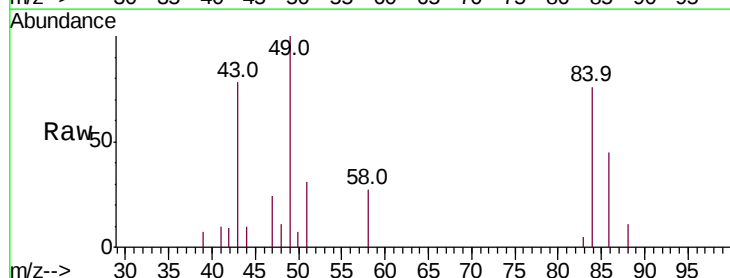
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



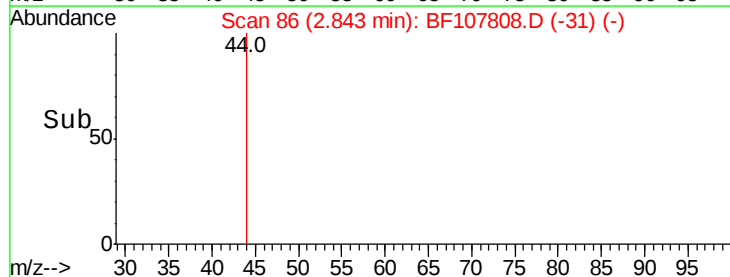
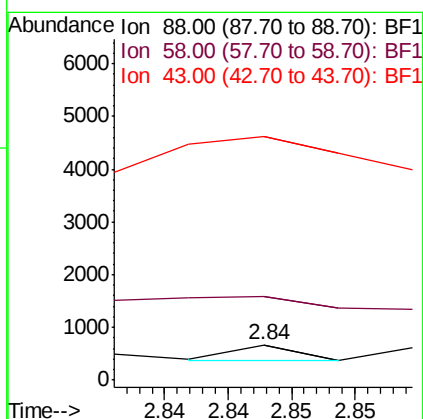
#2

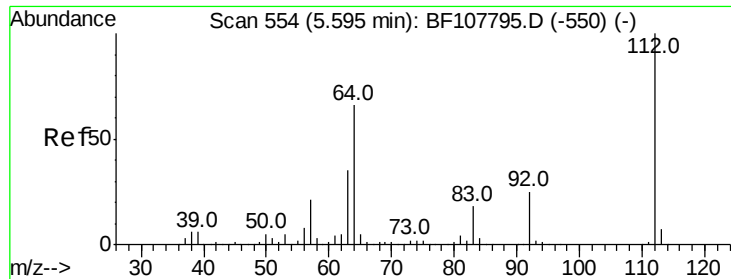
1,4-Dioxane
Concen: 5.811 ng
RT: 2.84 min Scan# 86
Delta R.T. 0.02 min
Lab File: BF107808.D
Acq: 30 Jul 2018 19:00

Tgt Ion: 88 Resp: 100
Ion Ratio Lower Upper
88 100
58 0.0 62.6 93.8#
43 1329.0 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: 132.910 ng

RT: 5.60 min Scan# 555

Delta R.T. 0.01 min

Lab File: BF107808.D

Acq: 30 Jul 2018 19:00

Instrument :

BNA_F

ClientSampleId :

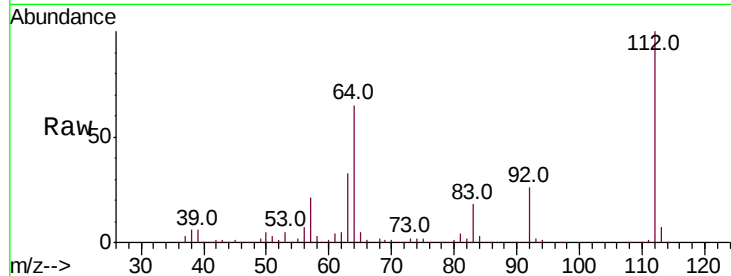
Tot Ion:112 Resp: 1432836

Ion Ratio Lower Upper

112 100

64 65.2 47.9 71.9

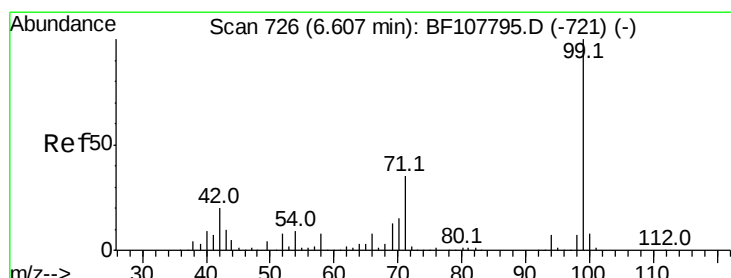
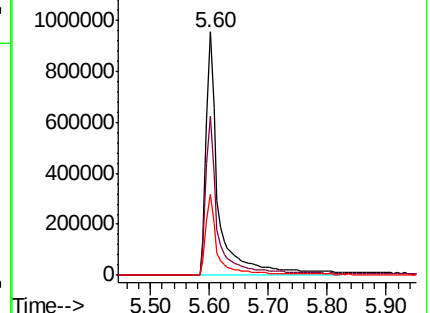
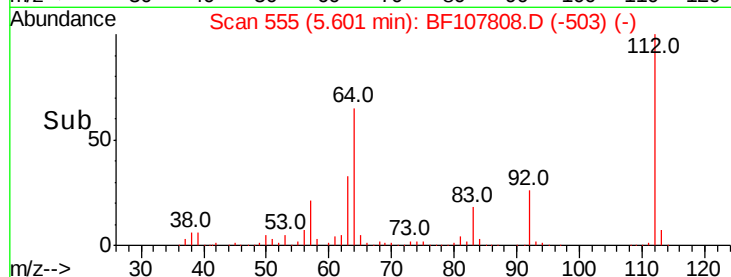
63 33.2 23.7 35.5



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: 133.646 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107808.D

Acq: 30 Jul 2018 19:00

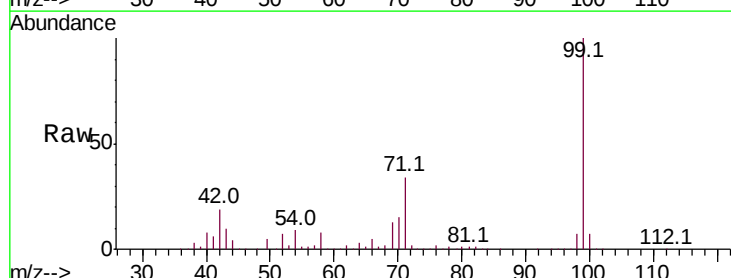
Tgt Ion: 99 Resp: 1898847

Ion Ratio Lower Upper

99 100

42 18.7 14.5 21.7

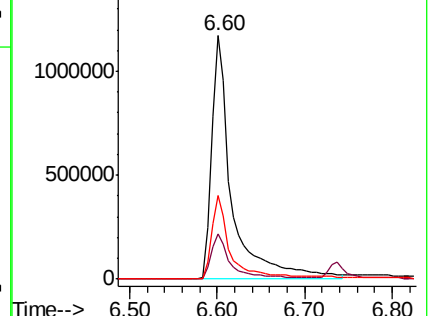
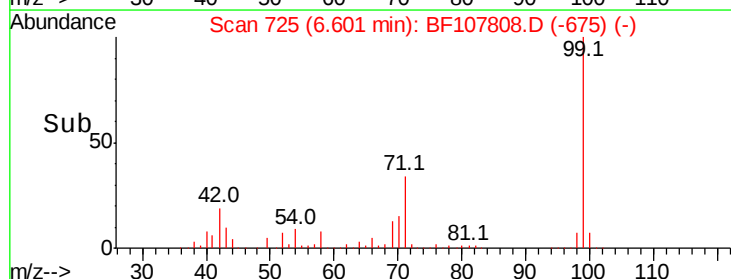
71 34.2 25.4 38.0

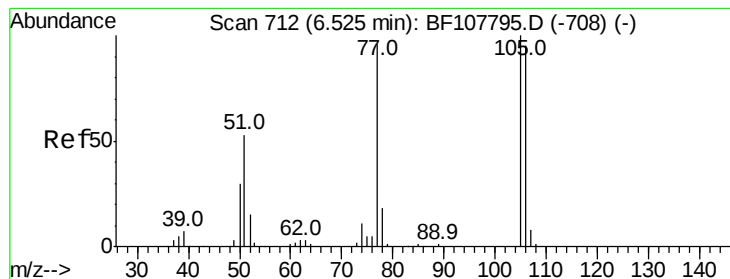


Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1





#9

Benzaldehyde

Concen: 3.905 ng

RT: 6.74 min Scan# 748

Delta R.T. 0.21 min

Lab File: BF107808.D

Acq: 30 Jul 2018 19:00

Instrument :

BNA_F

ClientSampleId :

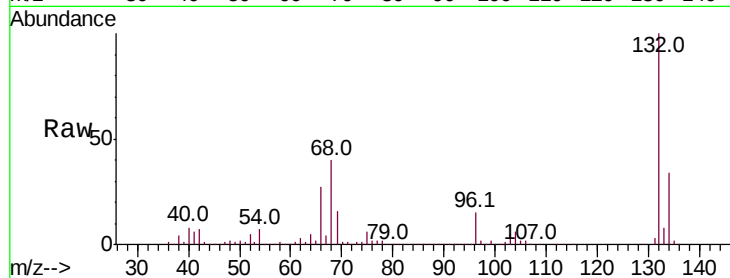
Tot Ion: 77 Resp: 33477

Ion Ratio Lower Upper

77 100

105 86.2 81.1 121.1

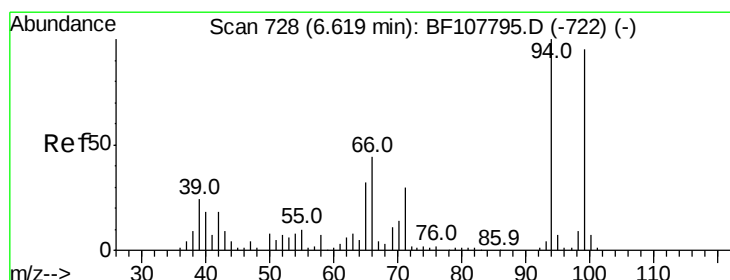
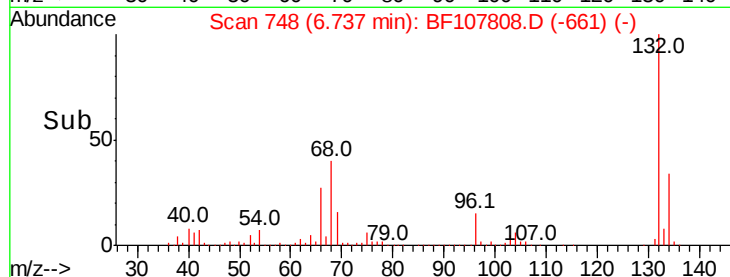
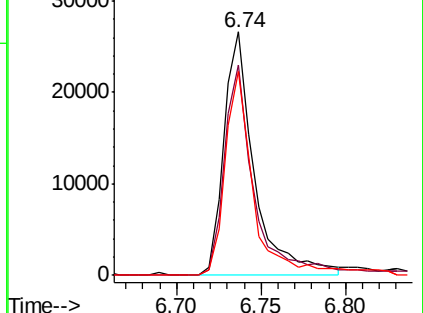
106 84.0 74.5 114.5



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: 5.579 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF107808.D

Acq: 30 Jul 2018 19:00

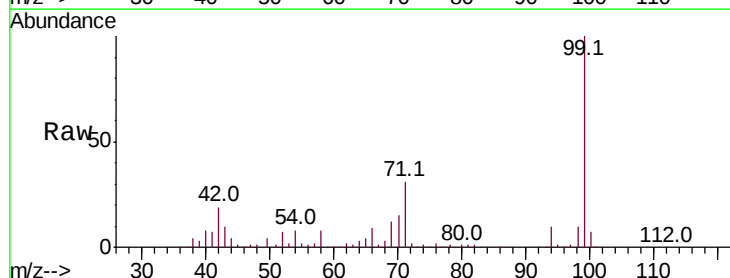
Tgt Ion: 94 Resp: 94521

Ion Ratio Lower Upper

94 100

65 37.5 7.9 47.9

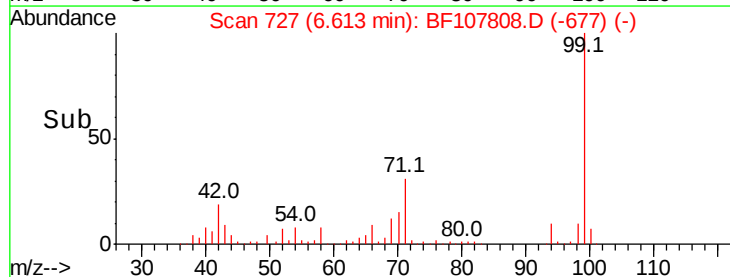
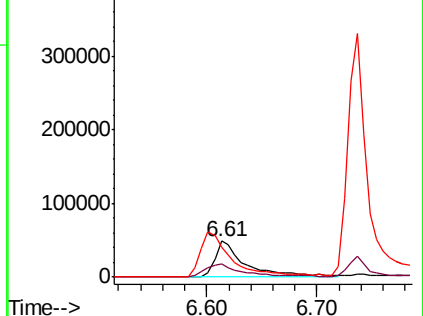
66 84.8 16.2 56.2#

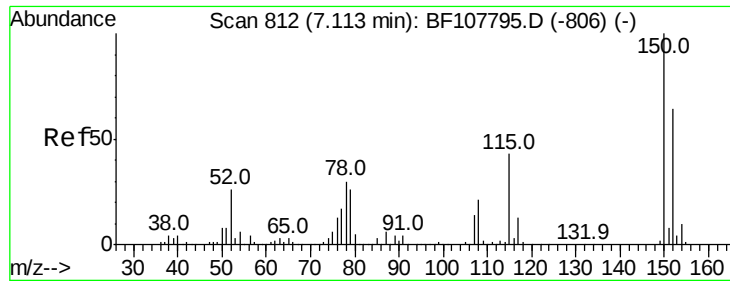


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

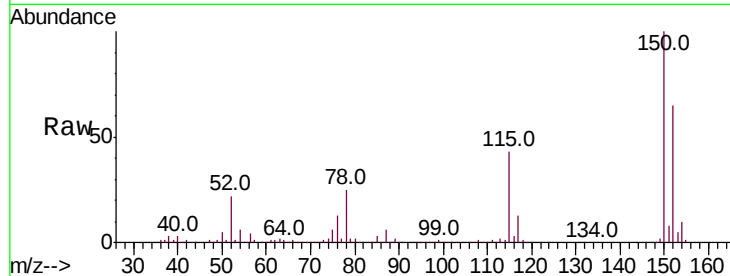




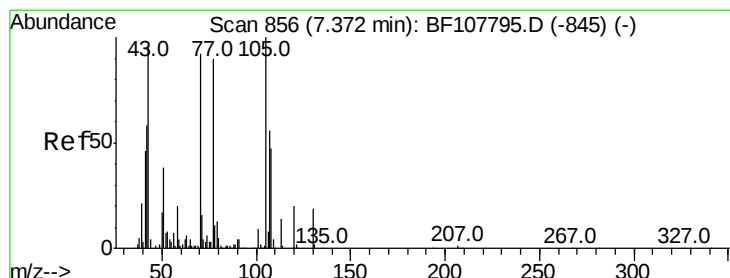
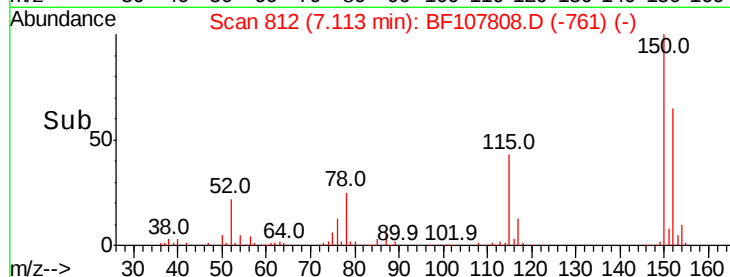
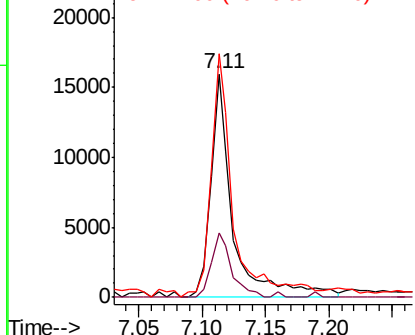
#15
Benzyl Alcohol
Concen: 2.213 ng
RT: 7.11 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF107808.D
Acq: 30 Jul 2018 19:00

Instrument :
BNA_F
ClientSampleID :

Tot Ion: 79 Resp: 19545
Ion Ratio Lower Upper
79 100
108 28.8 65.1 97.7#
77 109.0 50.6 75.8#

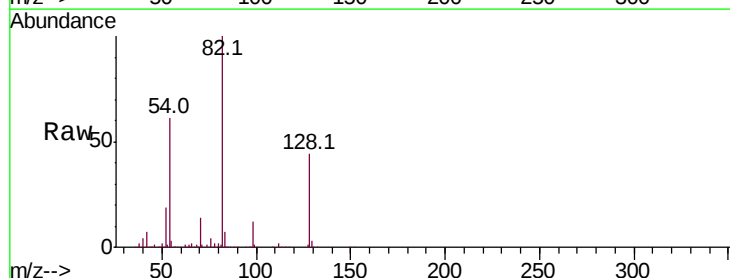


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

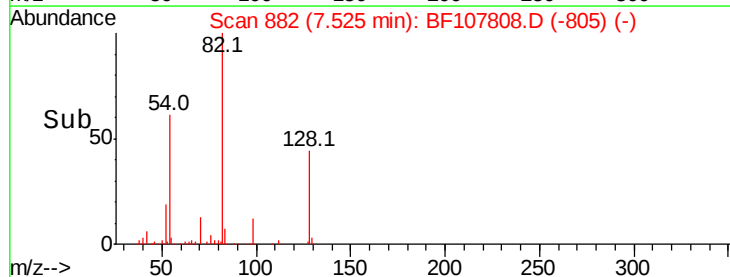
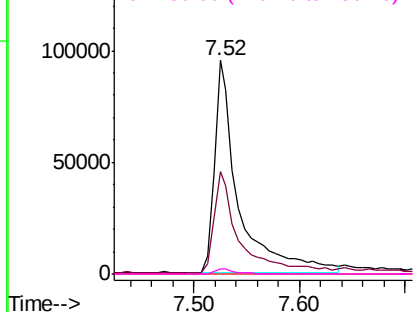


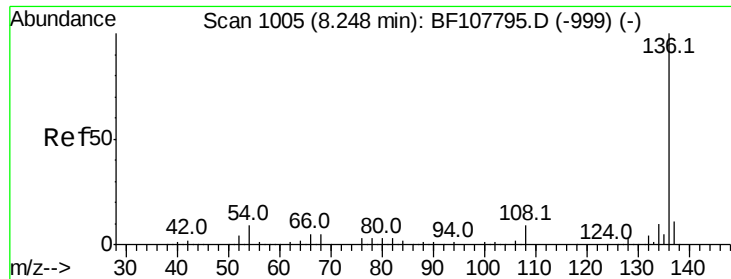
#19
n-Nitroso-di-n-propylamine
Concen: 17.196 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.15 min
Lab File: BF107808.D
Acq: 30 Jul 2018 19:00

Tgt Ion: 70 Resp: 154987
Ion Ratio Lower Upper
70 100
42 47.8 47.5 71.3
101 0.0 7.4 11.2#
130 2.2 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

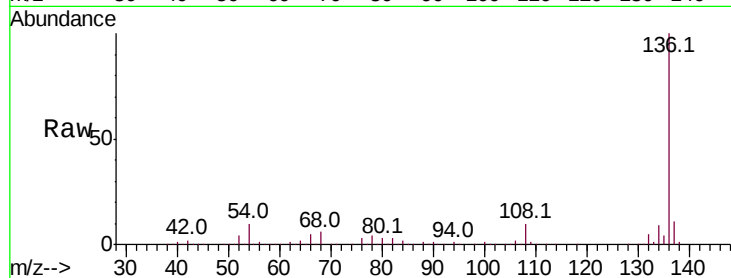




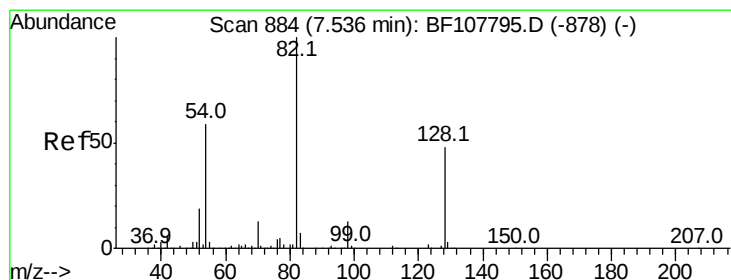
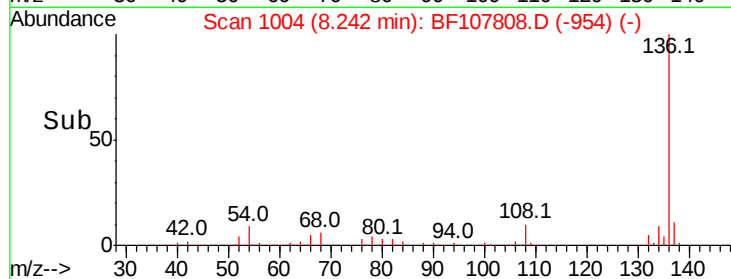
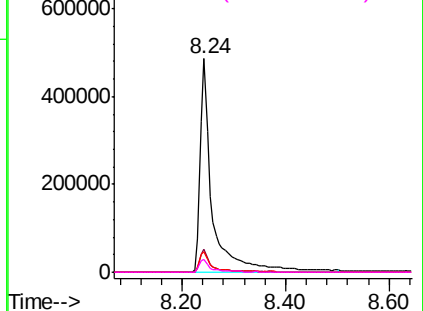
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF107808.D
Acq: 30 Jul 2018 19:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 800406
Ion Ratio	Lower Upper
136 100	
137 10.9	8.9 13.3
54 9.7	6.6 9.8
68 5.7	5.0 7.4

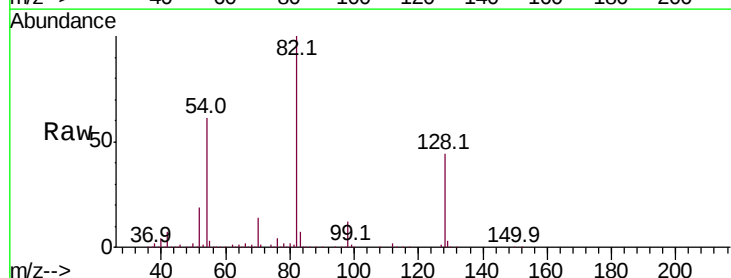


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

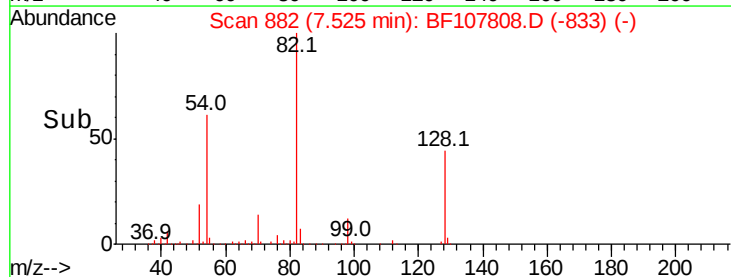
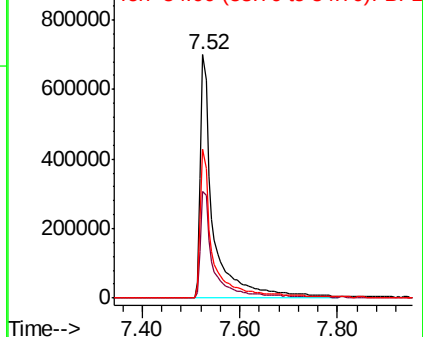


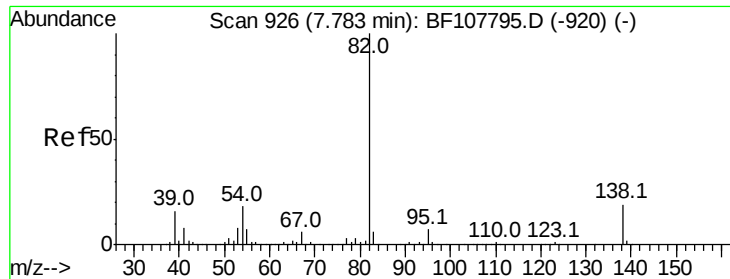
#23
Nitrobenzene-d5
Concen: 93.797 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF107808.D
Acq: 30 Jul 2018 19:00

Tgt Ion: 82	Resp: 1303159
Ion Ratio	Lower Upper
82 100	
128 43.7	36.1 54.1
54 61.2	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: 57.815 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.26 min

Lab File: BF107808.D

Acq: 30 Jul 2018 19:00

Instrument :

BNA_F

ClientSampled :

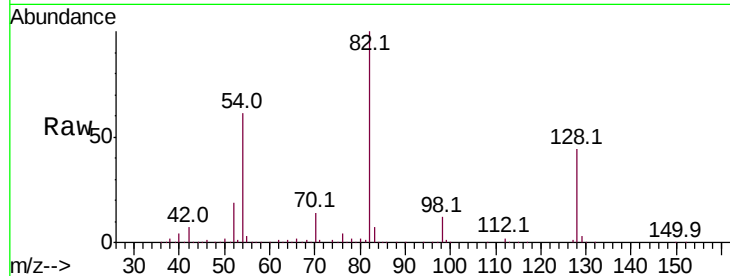
Tot Ion: 82 Resp: 1318523

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

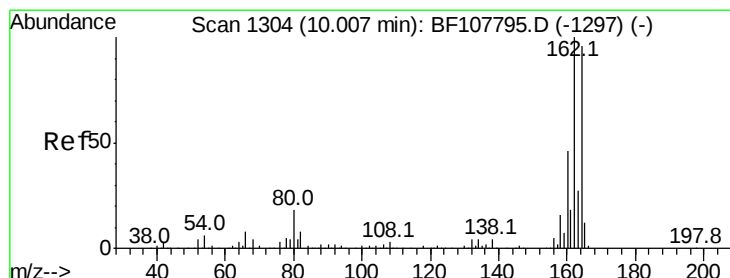
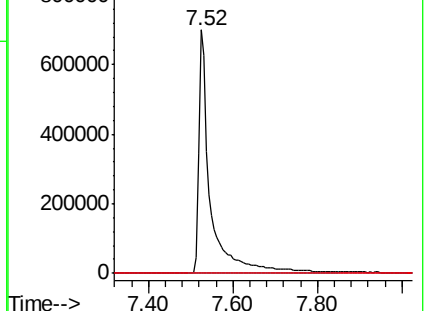
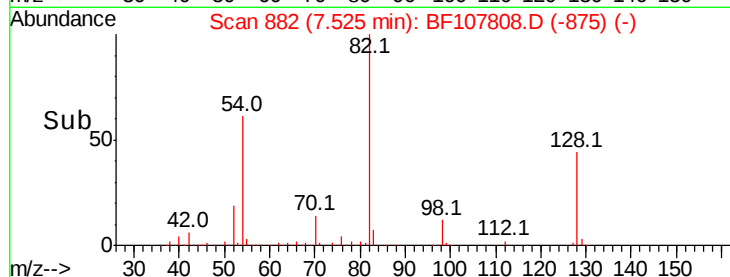
138 0.0 14.9 22.3#



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: BF107808.D

Acq: 30 Jul 2018 19:00

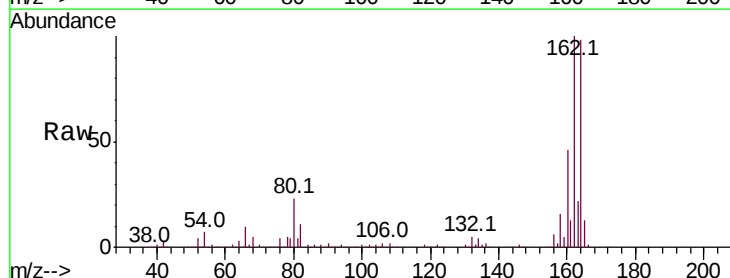
Tgt Ion:164 Resp: 359540

Ion Ratio Lower Upper

164 100

162 102.2 86.1 129.1

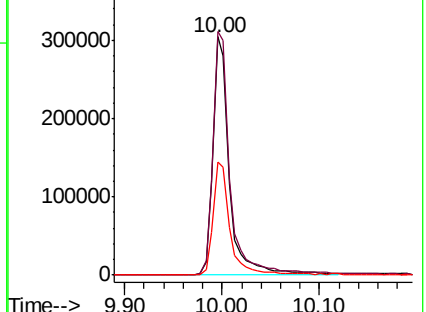
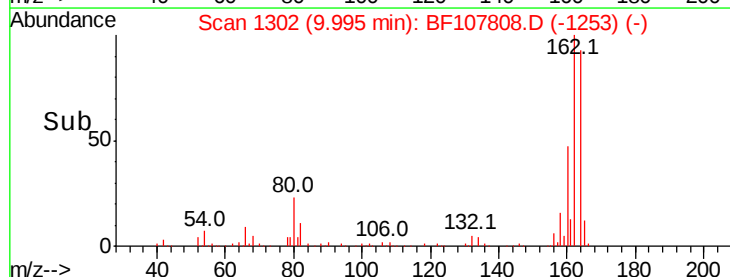
160 47.4 38.3 57.5

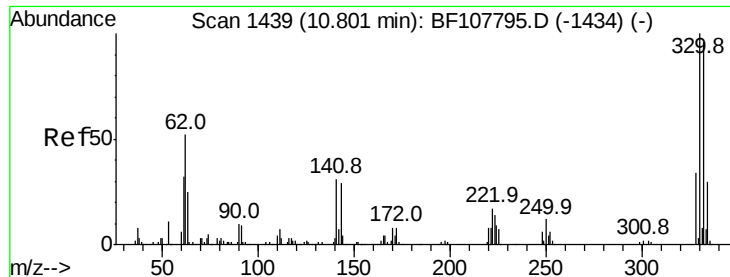


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

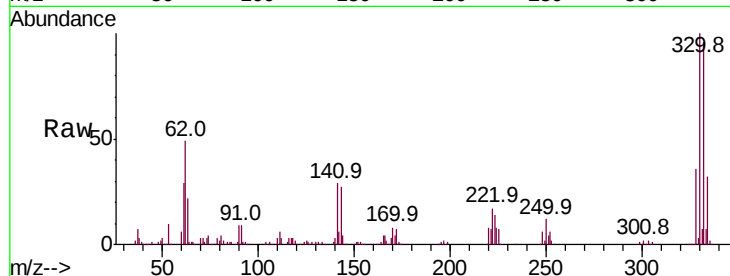




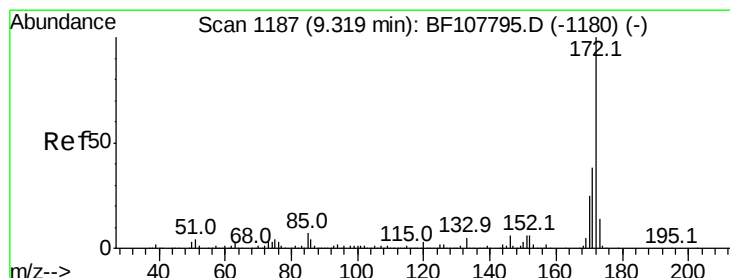
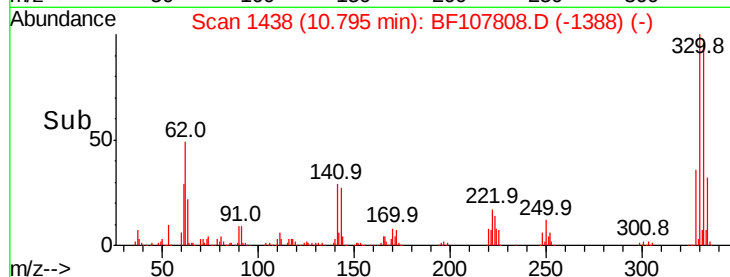
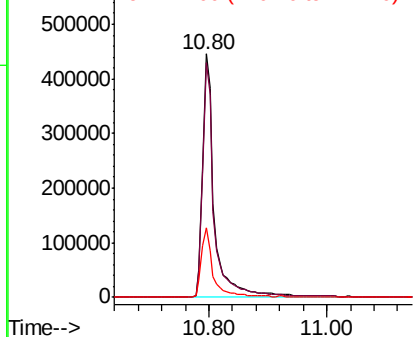
#41
 2,4,6-Tribromophenol
 Concen: 126.717 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF107808.D
 Acq: 30 Jul 2018 19:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.0	115.6
141	28.5	29.9	44.9#

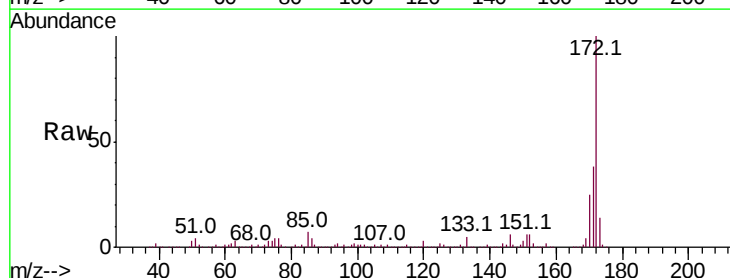


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

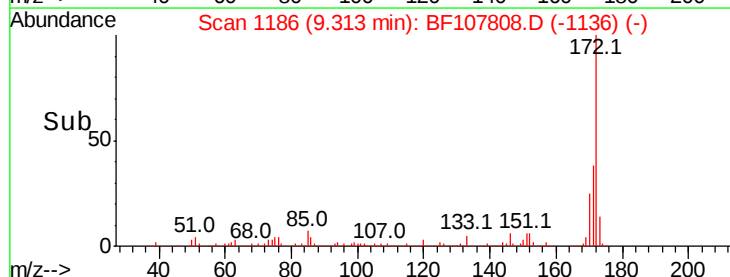
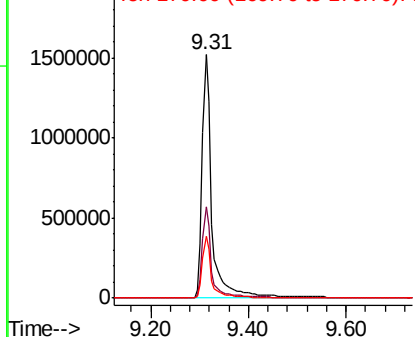


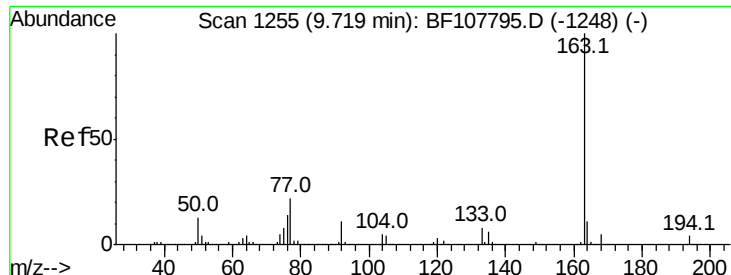
#44
 2-Fluorobiphenyl
 Concen: 83.815 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF107808.D
 Acq: 30 Jul 2018 19:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.7	44.5
170	25.2	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

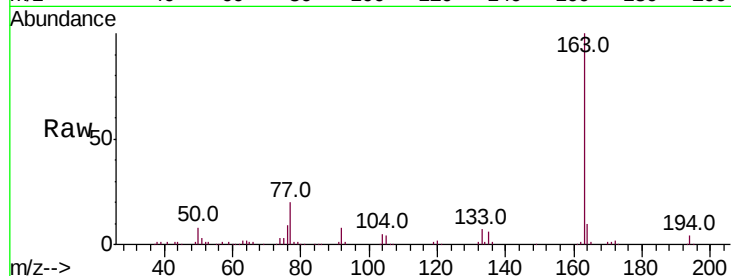




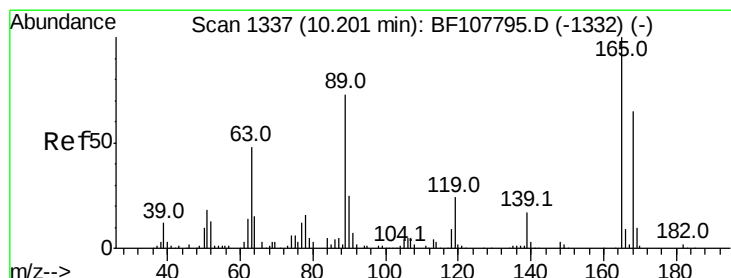
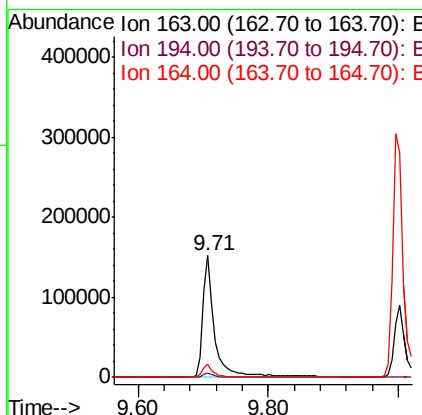
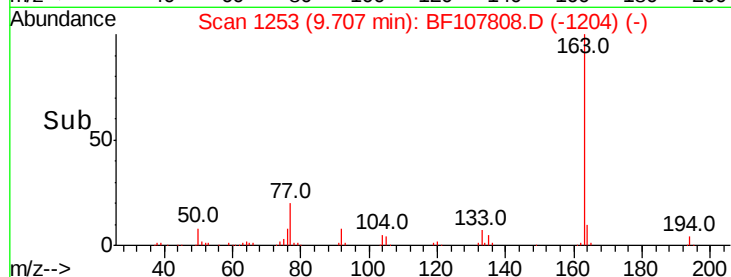
#49
Dimethylphthalate
Concen: 7.250 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF107808.D
Acq: 30 Jul 2018 19:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 195771
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.4 8.2 12.2

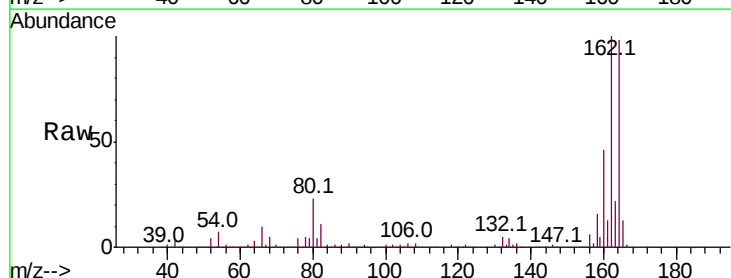


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

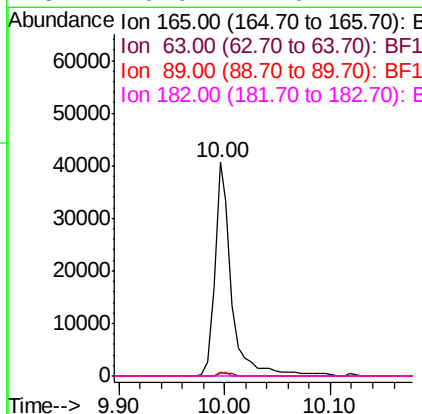
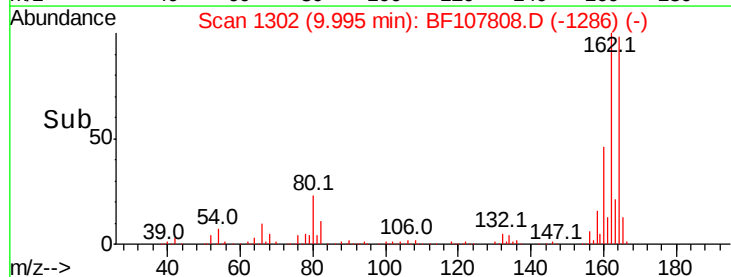


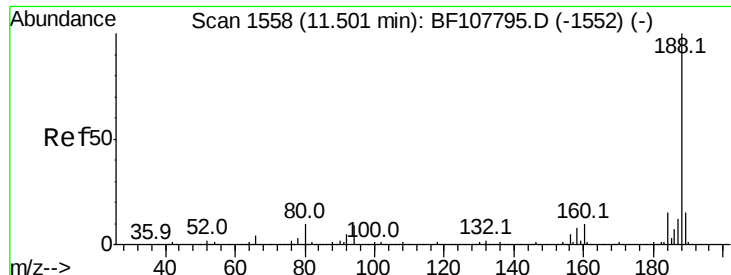
#56
2,4-Dinitrotoluene
Concen: 5.926 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.21 min
Lab File: BF107808.D
Acq: 30 Jul 2018 19:00

Tgt Ion:165 Resp: 45703
Ion Ratio Lower Upper
165 100
63 1.7 36.4 54.6#
89 1.2 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

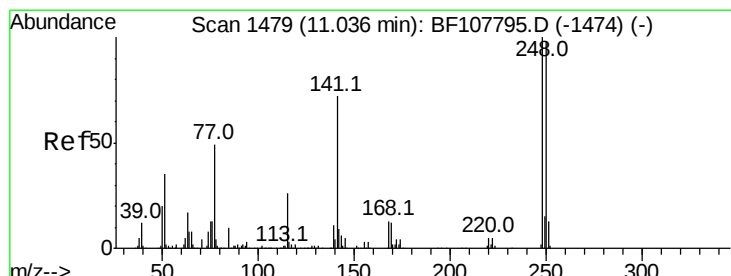
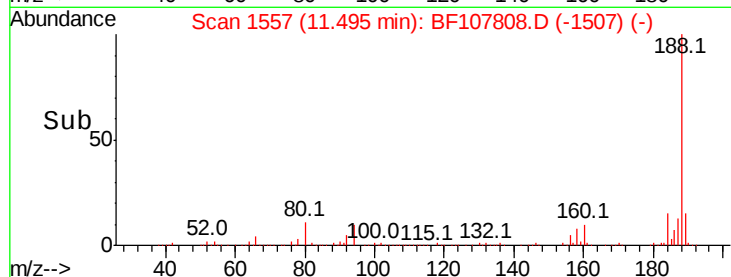
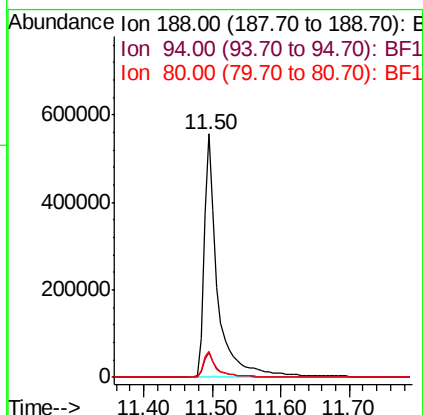
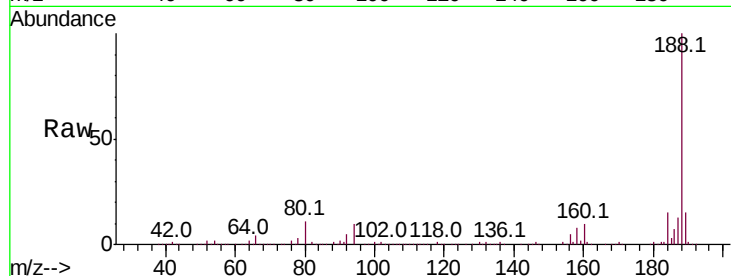




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: BF107808.D
 Acq: 30 Jul 2018 19:00

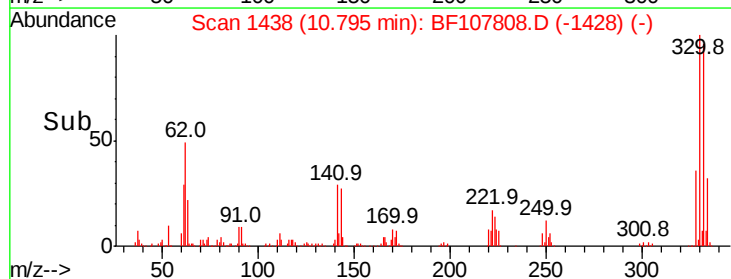
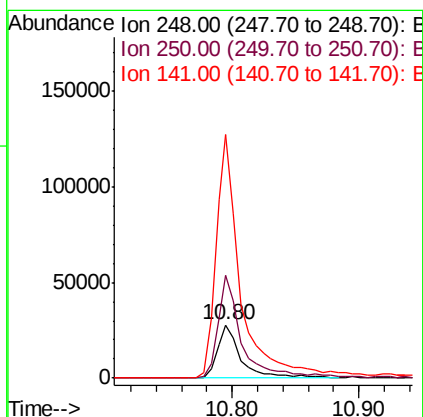
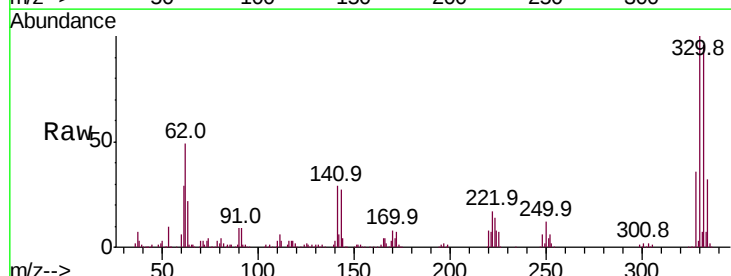
Instrument :
 BNA_F
 ClientSampleId :

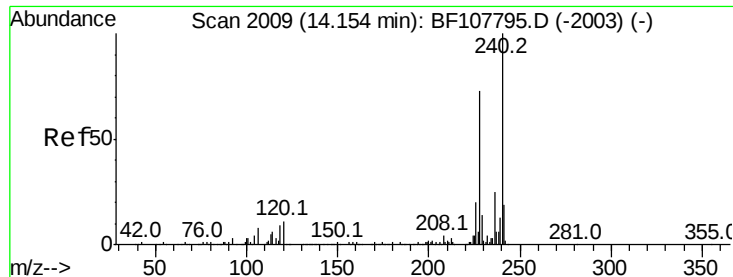
Tot Ion:188 Resp: 784231
 Ion Ratio Lower Upper
 188 100
 94 10.2 8.5 12.7
 80 10.9 9.2 13.8



#66
 4-Bromophenyl-phenylether
 Concen: 3.957 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.24 min
 Lab File: BF107808.D
 Acq: 30 Jul 2018 19:00

Tgt Ion:248 Resp: 36165
 Ion Ratio Lower Upper
 248 100
 250 195.0 76.9 115.3#
 141 459.2 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF107808.D

Acq: 30 Jul 2018 19:00

Instrument :

BNA_F

ClientSampled :

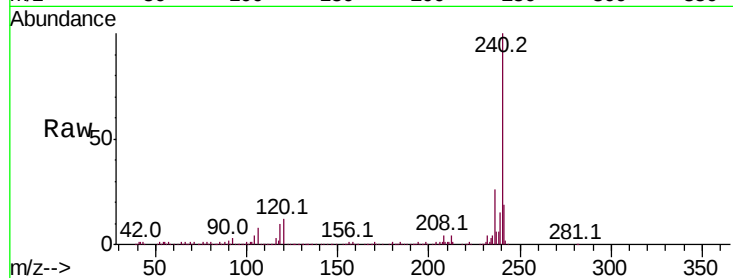
Tot Ion:240 Resp: 605214

Ion Ratio Lower Upper

240 100

120 12.0 9.5 14.3

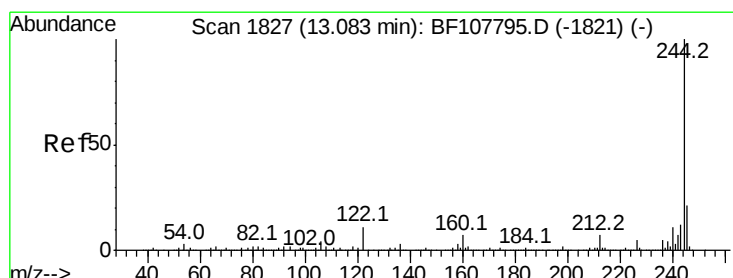
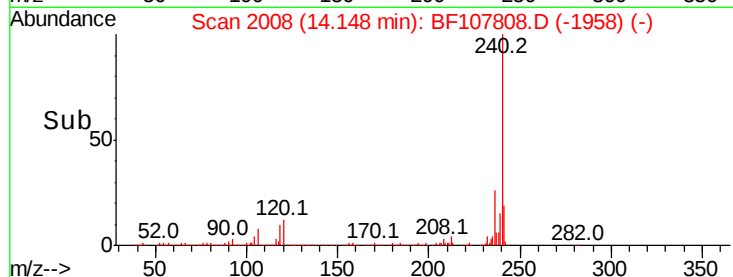
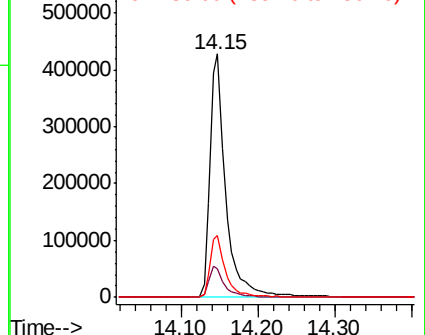
236 25.6 20.7 31.1



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: 80.504 ng

RT: 13.08 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF107808.D

Acq: 30 Jul 2018 19:00

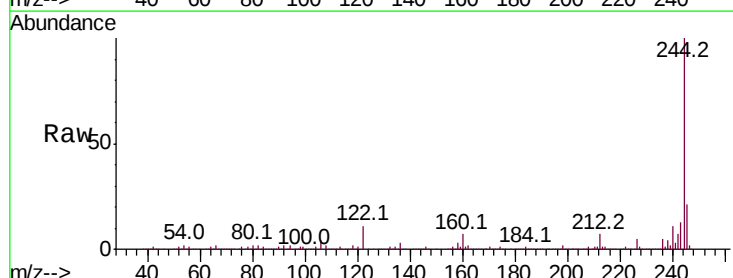
Tgt Ion:244 Resp: 2246885

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

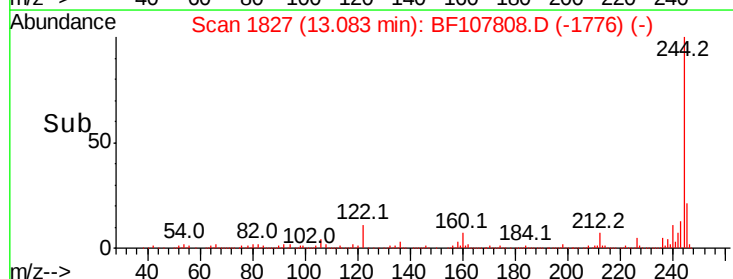
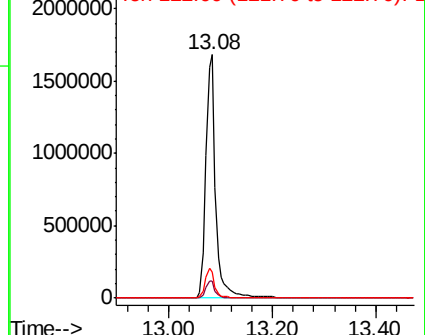
122 10.9 11.0 16.4#

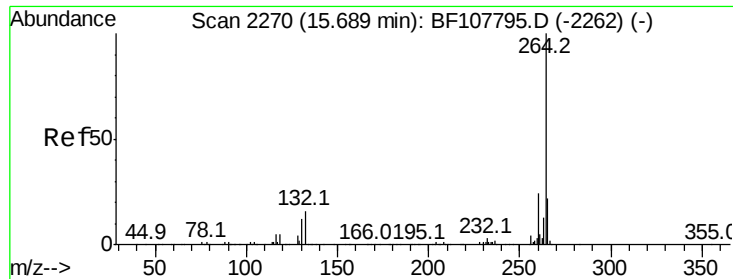


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

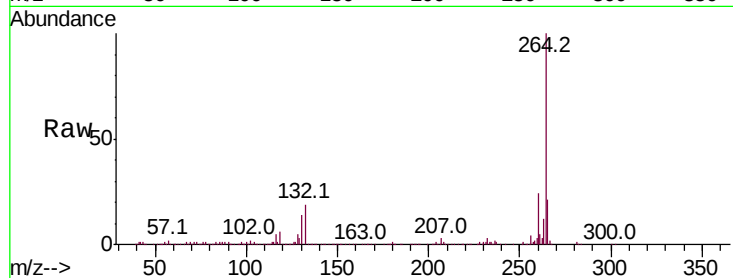




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF107808.D
Acq: 30 Jul 2018 19:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.3	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

