

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083018\
 Data File : BF108685.D
 Acq On : 31 Aug 2018 12:10
 Operator : JU/SJ
 Sample : PB112495BL
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 31 12:33:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 30 15:06:55 2018
 Response via : Initial Calibration

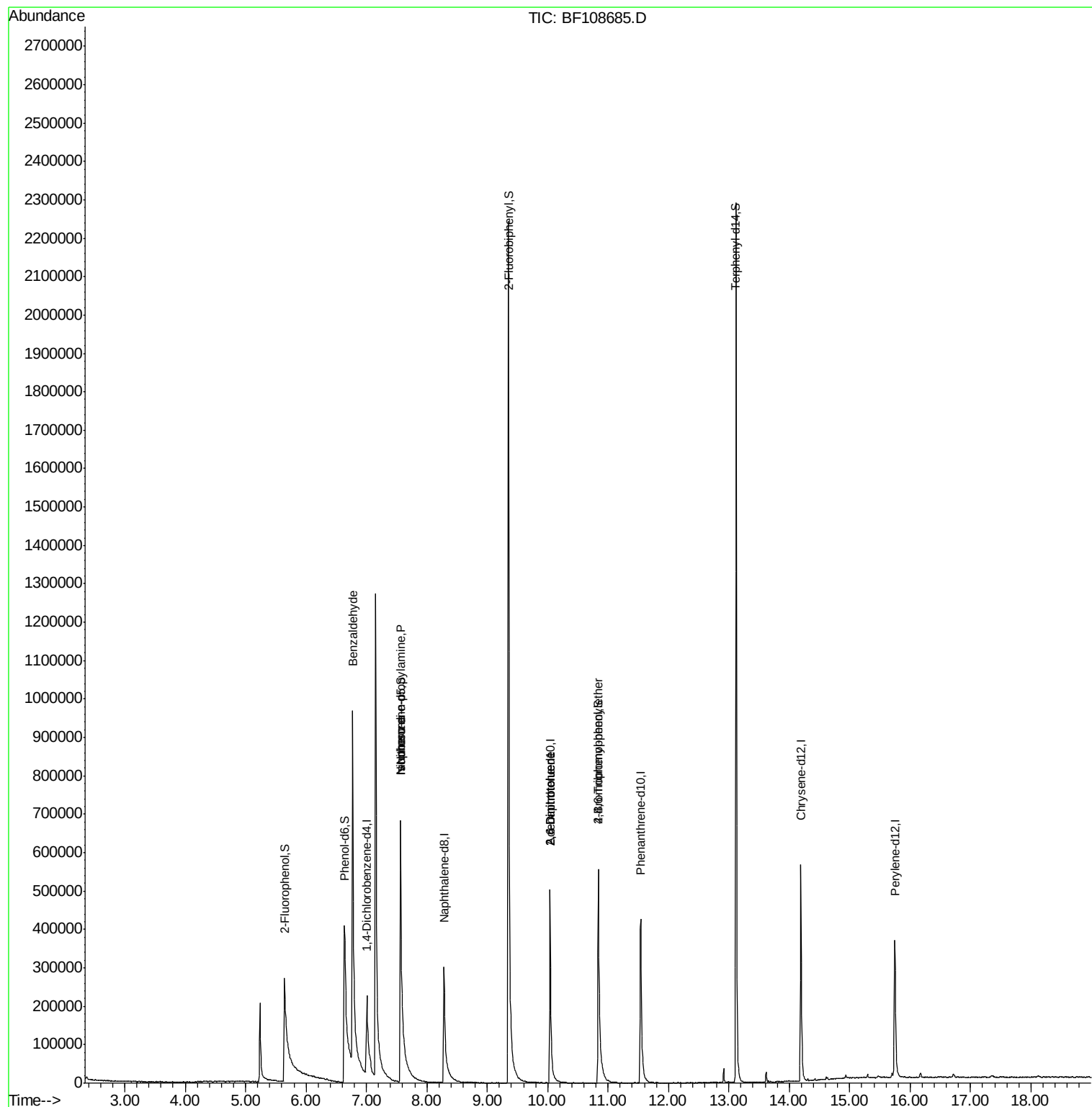
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	85850	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	358789	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	172446	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	316395	20.00	ng	0.00
75) Chrysene-d12	14.19	240	290363	20.00	ng	-0.01
86) Perylene-d12	15.75	264	251853	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	297808	60.26	ng	0.00
7) Phenol-d6	6.64	99	551869	77.97	ng	-0.01
23) Nitrobenzene-d5	7.57	82	571279	80.82	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	145777	64.04	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	1148363	89.54	ng	0.00
78) Terphenyl-d14	13.12	244	970019	64.91	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.77	77	10401	2.378	ng	# 81
19) n-Nitroso-di-n-propylamine	7.57	70	68024	14.351	ng	# 84
25) Isophorone	7.57	82	582431	49.602	ng	# 64
50) 2,6-Dinitrotoluene	10.04	165	20993	7.013	ng	# 24
56) 2,4-Dinitrotoluene	10.04	165	21908	5.528	ng	# 21
66) 4-Bromophenyl-phenylether	10.84	248	8741	2.248	ng	# 1

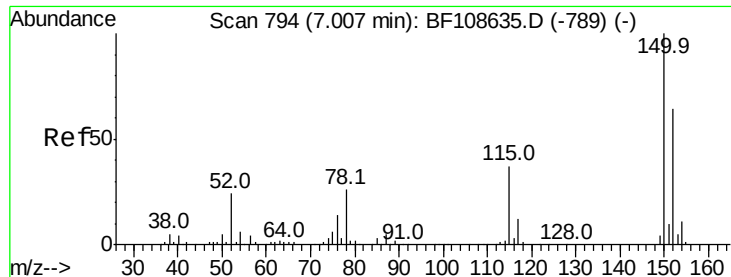
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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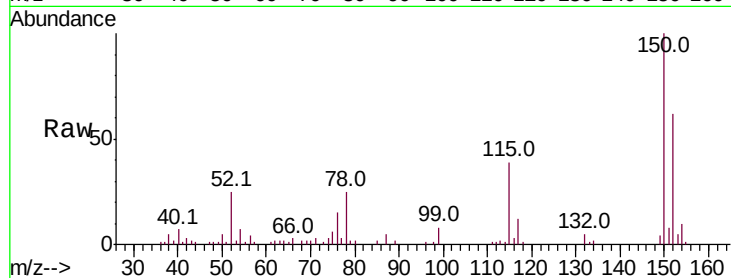


#1

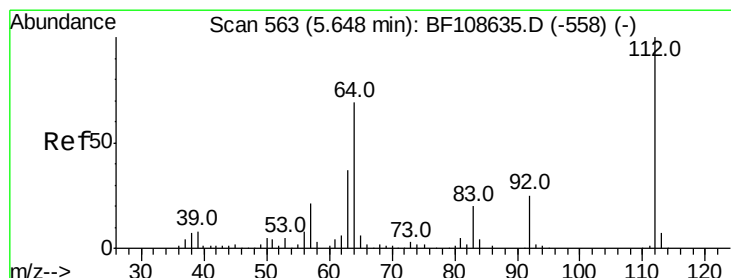
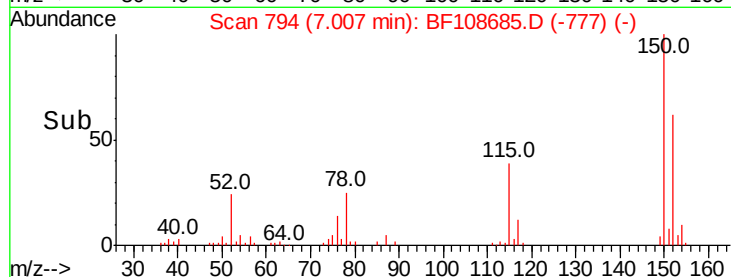
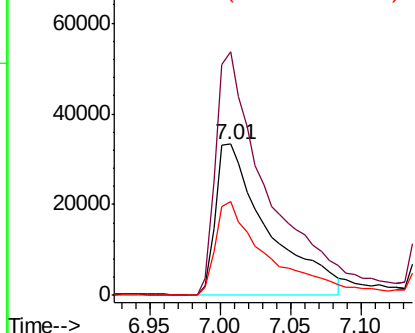
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF108685.D
Acq: 31 Aug 2018 12:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.1	124.6	186.8
115	62.4	50.1	75.1



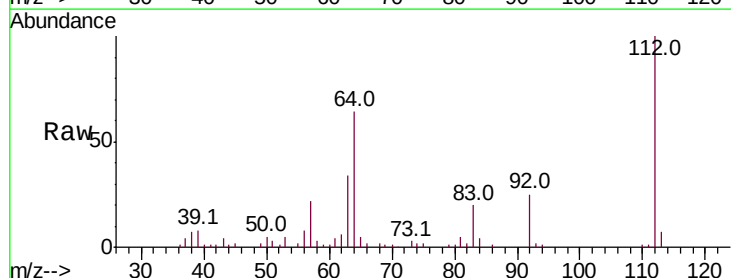
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



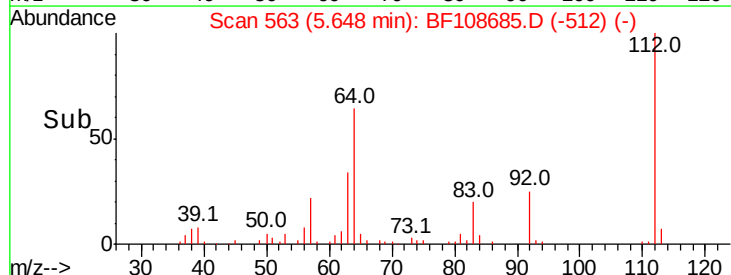
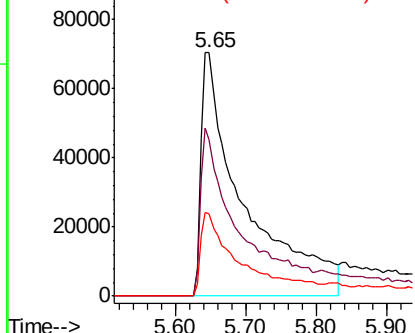
#5

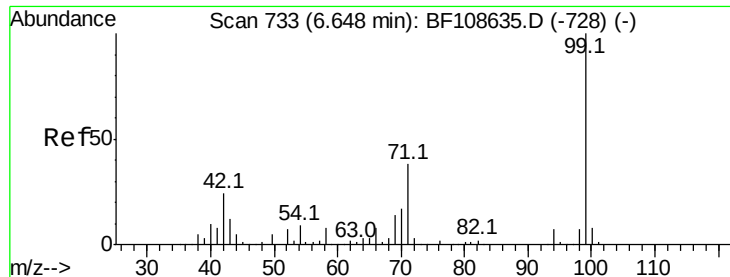
2-Fluorophenol
Concen: 60.262 ng
RT: 5.65 min Scan# 563
Delta R.T. 0.00 min
Lab File: BF108685.D
Acq: 31 Aug 2018 12:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.4	47.9	71.9
63	33.9	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: 77.970 ng

RT: 6.64 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF108685.D

Acq: 31 Aug 2018 12:10

Instrument :

BNA_F

ClientSampleId :

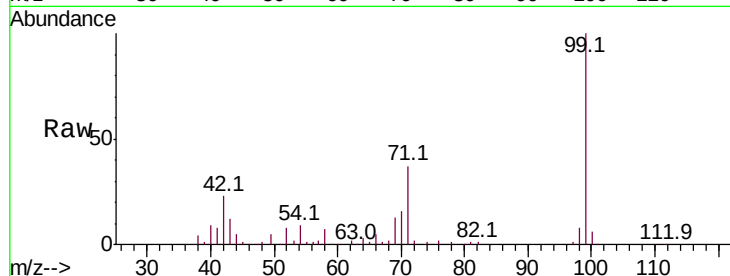
Tot Ion: 99 Resp: 551869

Ion Ratio Lower Upper

99 100

42 23.1 14.5 21.7#

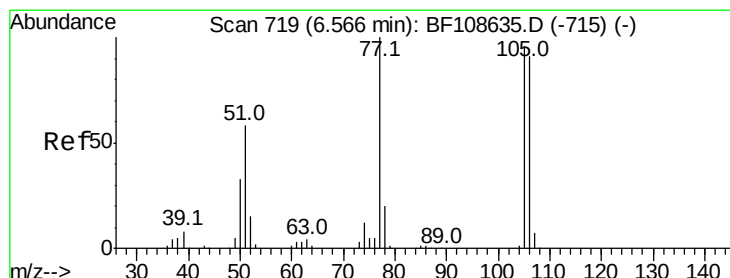
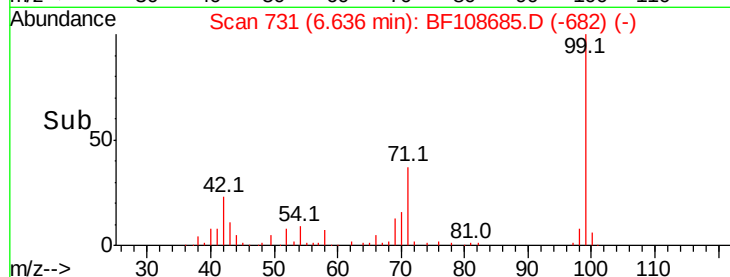
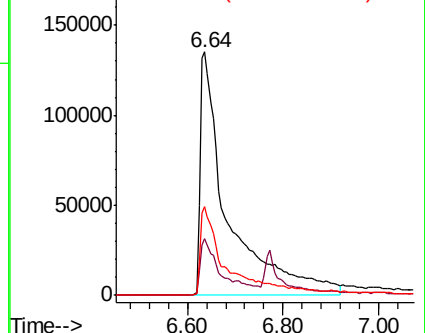
71 36.5 25.4 38.0



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: 2.378 ng

RT: 6.77 min Scan# 754

Delta R.T. 0.21 min

Lab File: BF108685.D

Acq: 31 Aug 2018 12:10

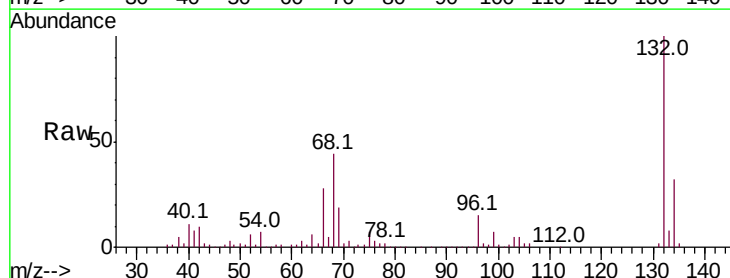
Tgt Ion: 77 Resp: 10401

Ion Ratio Lower Upper

77 100

105 80.9 81.1 121.1#

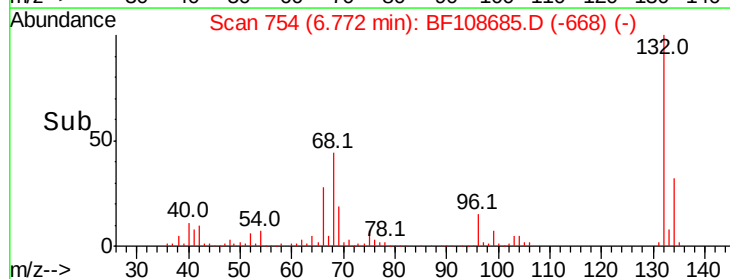
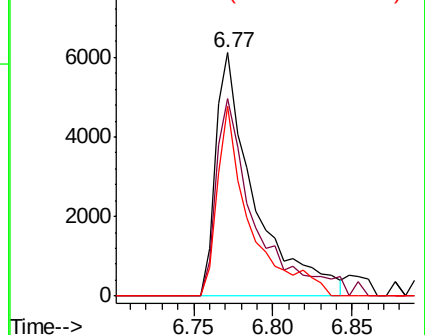
106 77.8 74.5 114.5

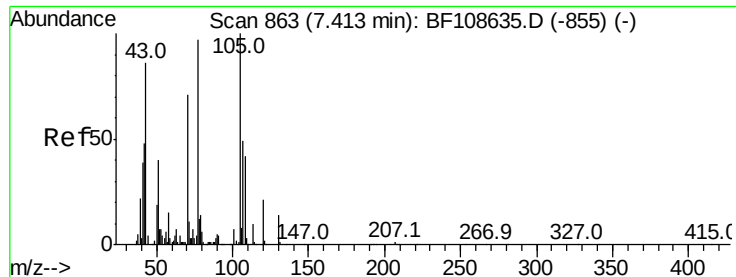


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

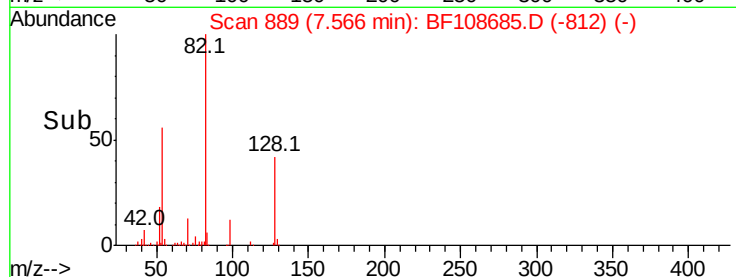
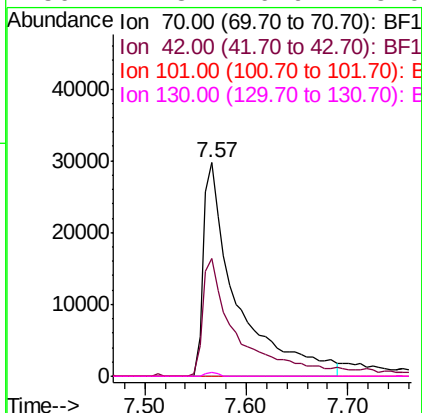
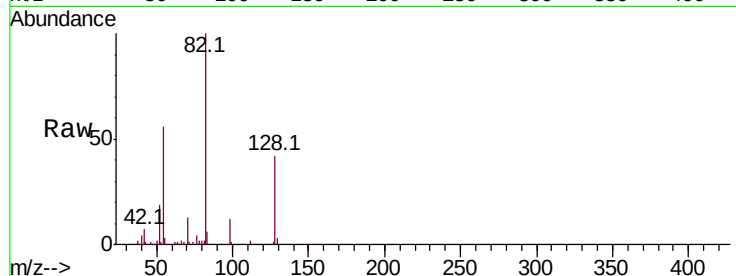




#19
n-Nitroso-di-n-propylamine
Concen: 14.351 ng
RT: 7.57 min Scan# 889
Delta R.T. 0.15 min
Lab File: BF108685.D
Acq: 31 Aug 2018 12:10

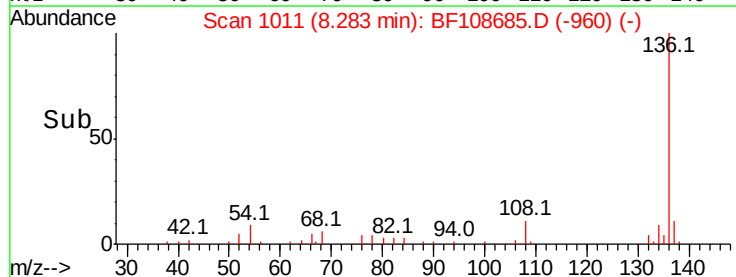
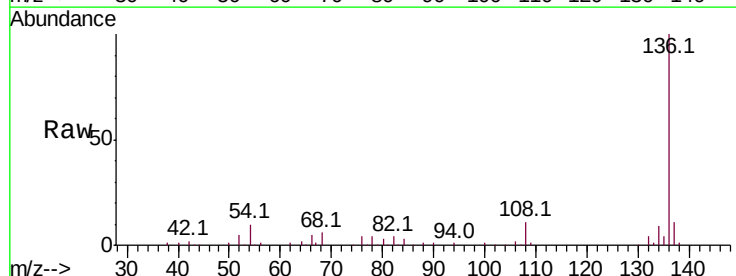
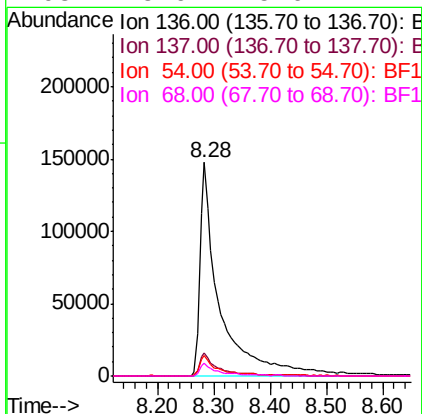
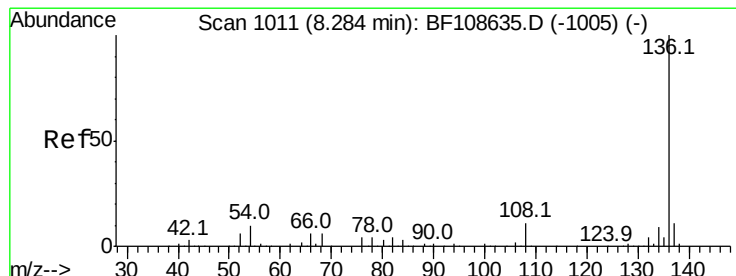
Instrument :
BNA_F
ClientSampleId :

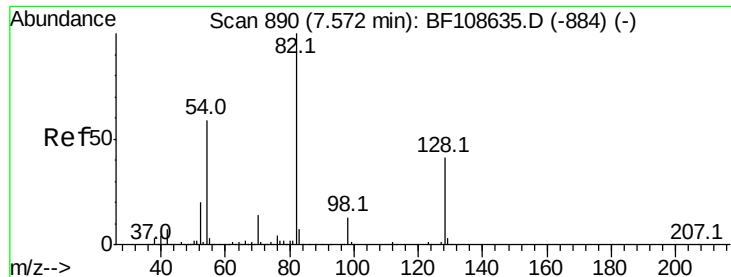
Tot Ion: 70 Resp: 68024
Ion Ratio Lower Upper
70 100
42 55.1 47.5 71.3
101 0.0 7.4 11.2#
130 1.8 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BF108685.D
Acq: 31 Aug 2018 12:10

Tgt Ion:136 Resp: 358789
Ion Ratio Lower Upper
136 100
137 10.5 8.9 13.3
54 9.9 6.6 9.8#
68 5.9 5.0 7.4

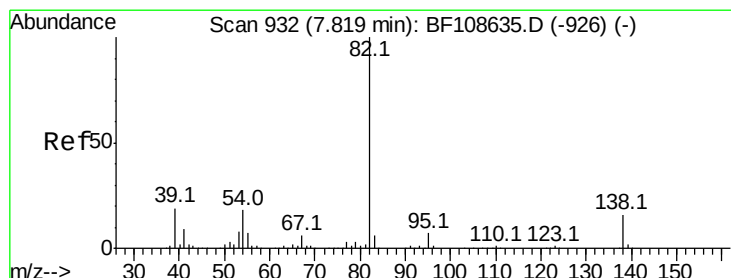
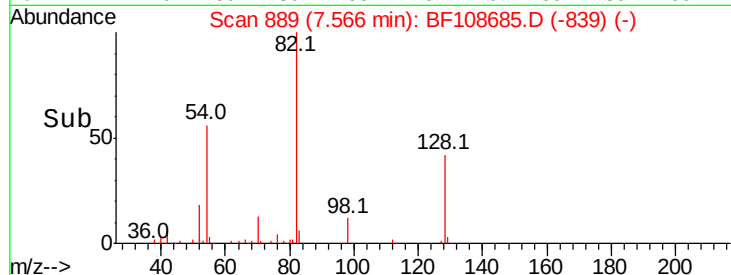
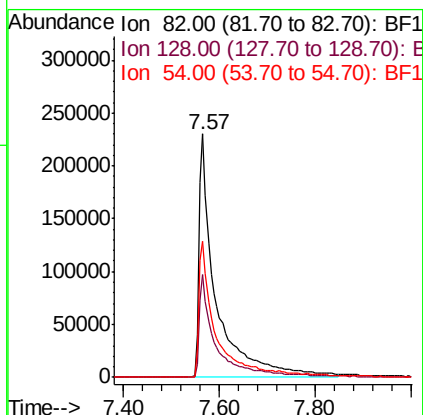
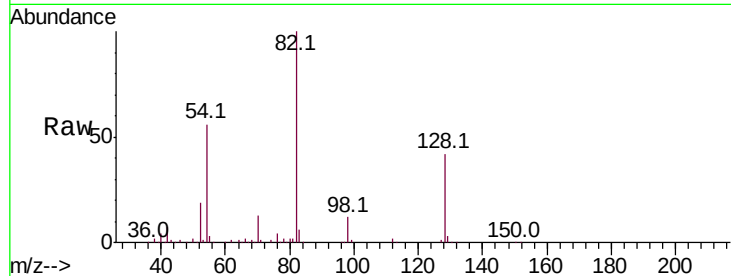




#23
Nitrobenzene-d5
Concen: 80.820 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108685.D
Acq: 31 Aug 2018 12:10

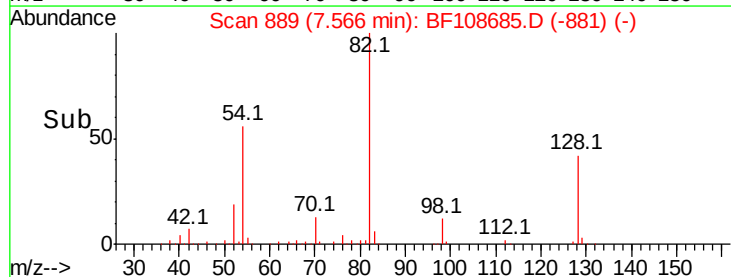
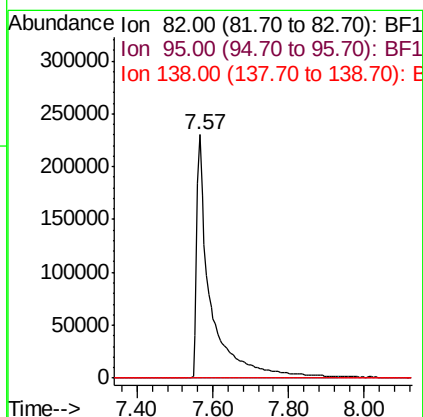
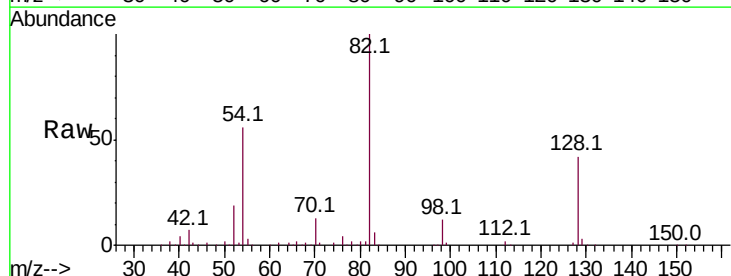
Instrument :
BNA_F
ClientSampleId :

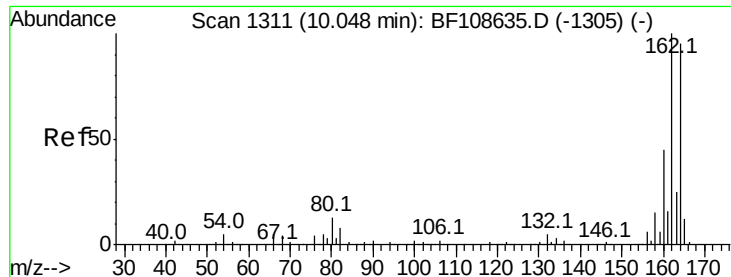
Tot Ion: 82 Resp: 571279
Ion Ratio Lower Upper
82 100
128 42.4 36.1 54.1
54 56.0 41.4 62.2



#25
Isophorone
Concen: 49.602 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.25 min
Lab File: BF108685.D
Acq: 31 Aug 2018 12:10

Tgt Ion: 82 Resp: 582431
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.04 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF108685.D

Acq: 31 Aug 2018 12:10

Instrument :

BNA_F

ClientSampleId :

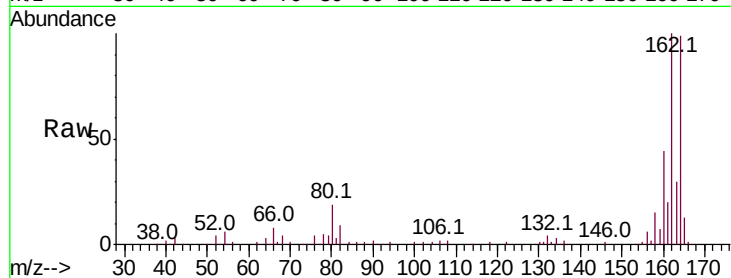
Tot Ion:164 Resp: 172446

Ion Ratio Lower Upper

164 100

162 101.1 86.1 129.1

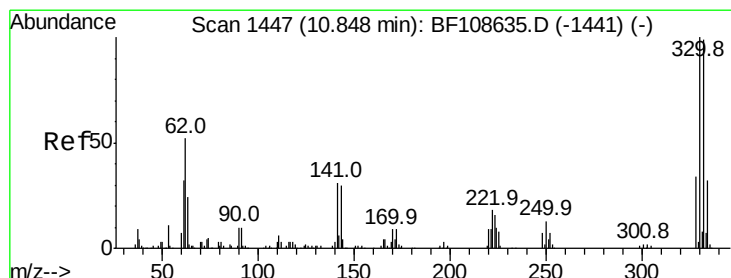
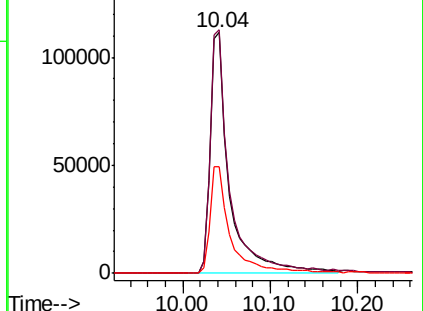
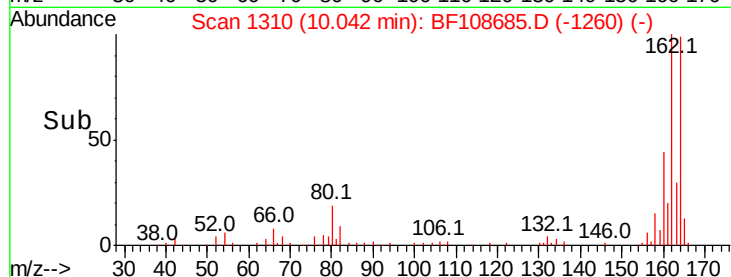
160 44.3 38.3 57.5



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: 64.036 ng

RT: 10.84 min Scan# 1445

Delta R.T. -0.01 min

Lab File: BF108685.D

Acq: 31 Aug 2018 12:10

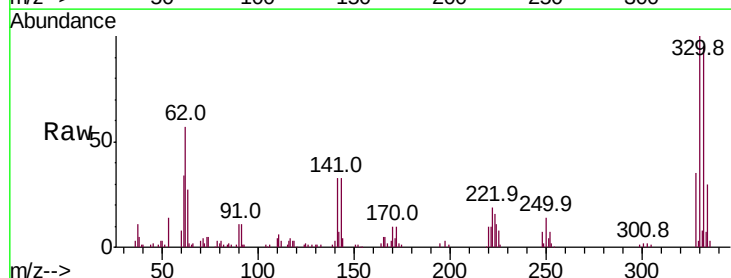
Tgt Ion:330 Resp: 145777

Ion Ratio Lower Upper

330 100

332 95.4 77.0 115.6

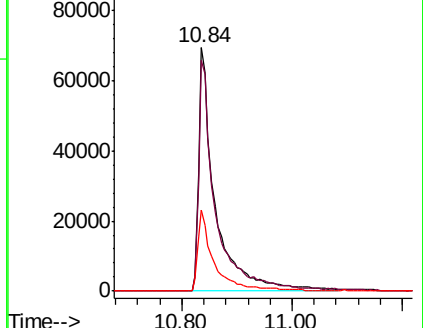
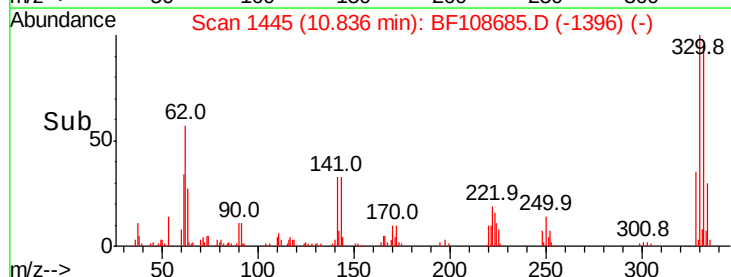
141 31.7 29.9 44.9

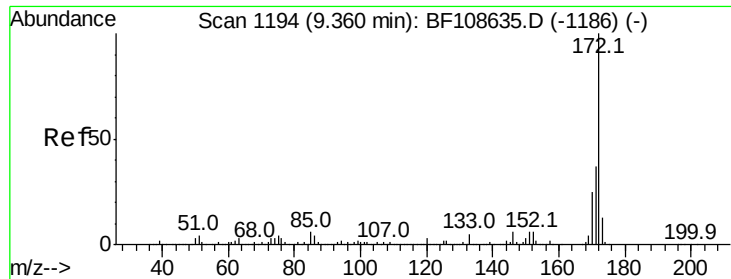


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

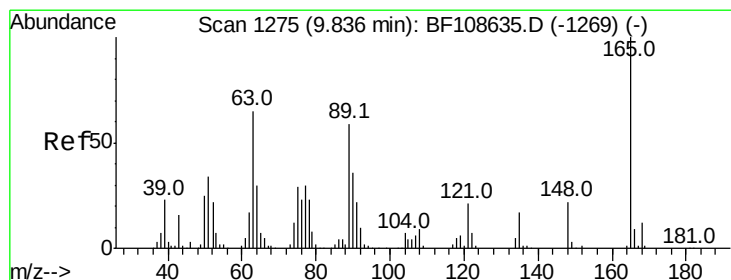
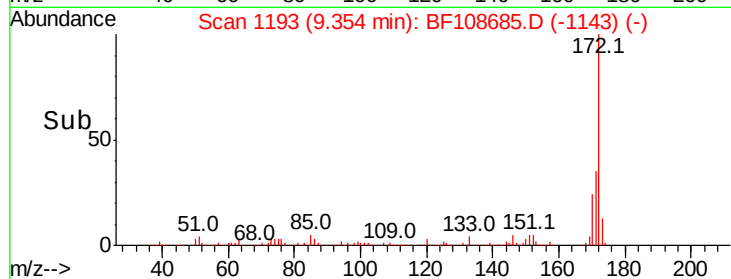
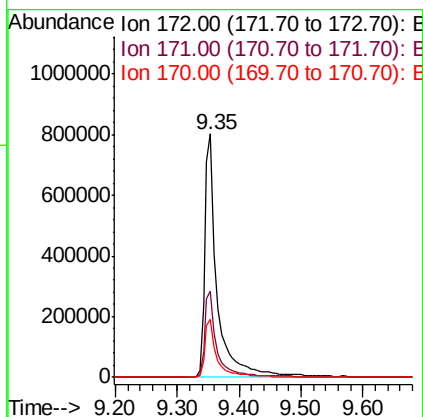
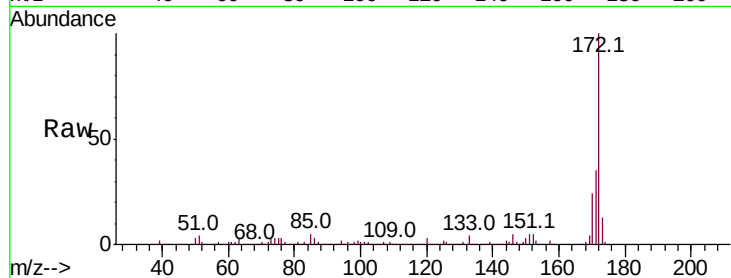




#44
 2-Fluorobiphenyl
 Concen: 89.539 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108685.D
 Acq: 31 Aug 2018 12:10

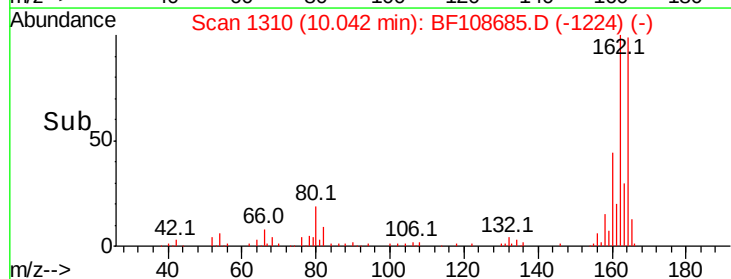
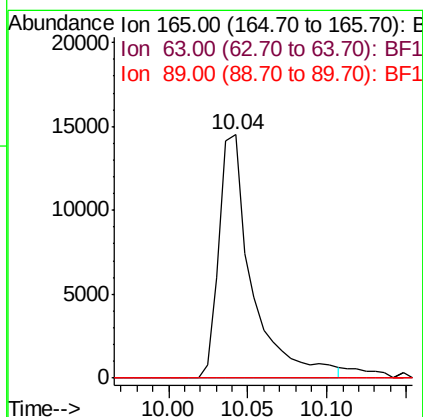
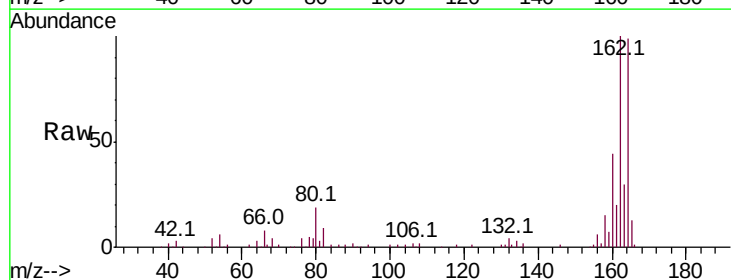
Instrument :
 BNA_F
 ClientSampleId :

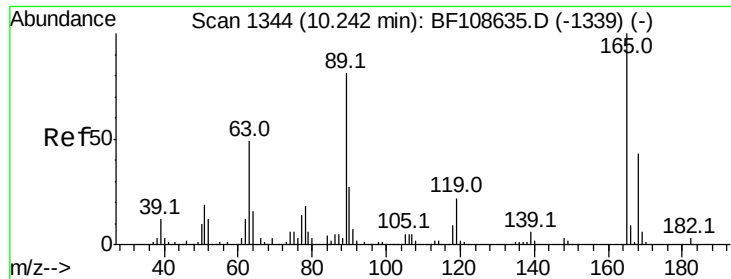
Tot Ion:172 Resp: 1148363
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.7 44.5
 170 23.6 19.6 29.4



#50
 2,6-Dinitrotoluene
 Concen: 7.013 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. 0.21 min
 Lab File: BF108685.D
 Acq: 31 Aug 2018 12:10

Tgt Ion:165 Resp: 20993
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 0.0 44.0 66.0#

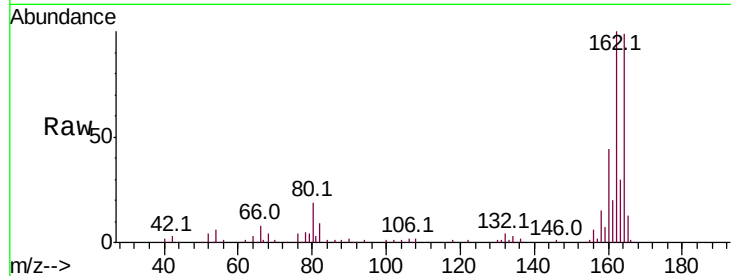




#56
 2,4-Dinitrotoluene
 Concen: 5.528 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.20 min
 Lab File: BF108685.D
 Acq: 31 Aug 2018 12:10

Instrument :
 BNA_F
 ClientSampleId :

Tot 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#



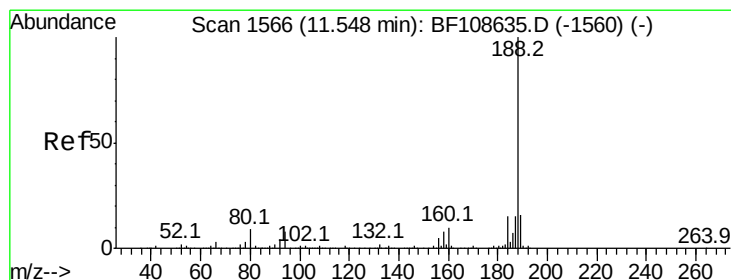
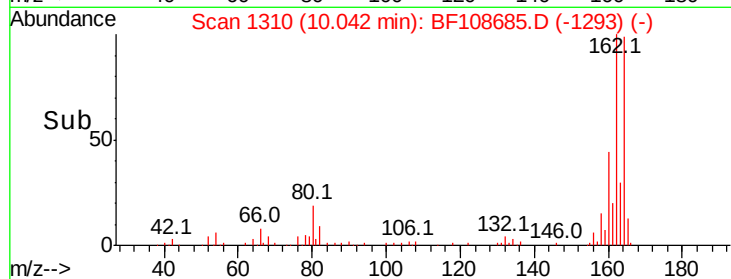
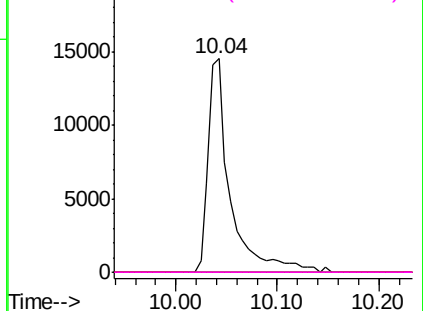
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

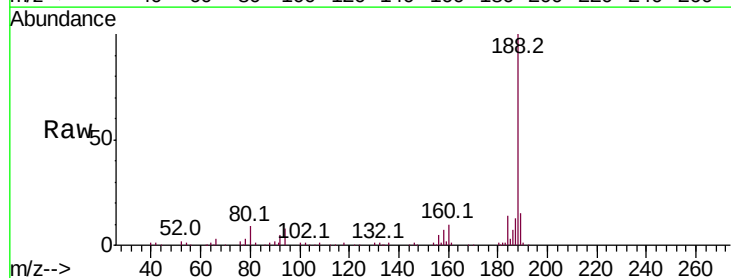
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.54 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: BF108685.D
 Acq: 31 Aug 2018 12:10

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.6	8.5	12.7#
80	9.2	9.2	13.8

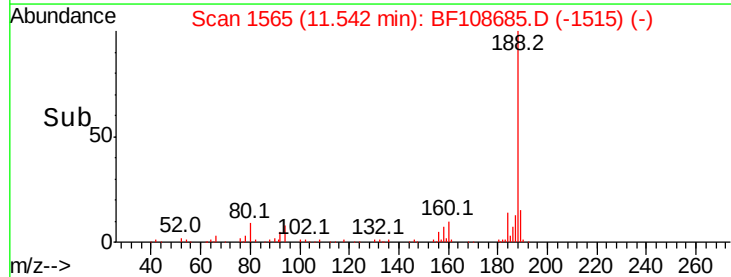
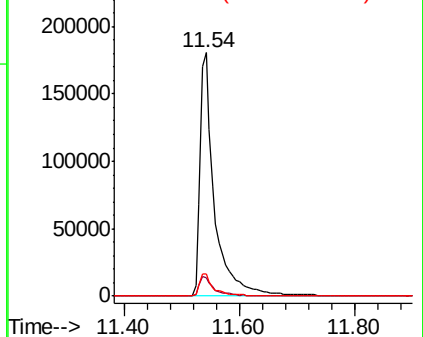


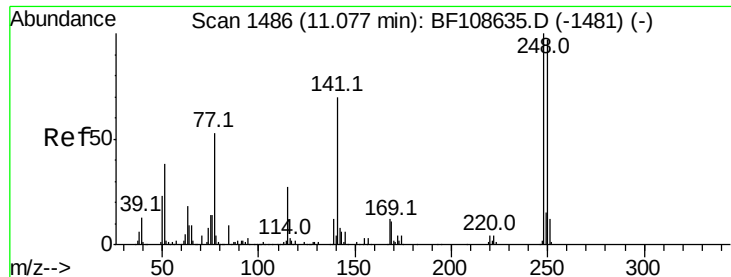
Abundance

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

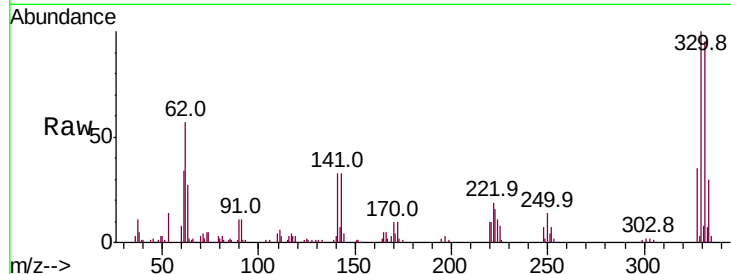




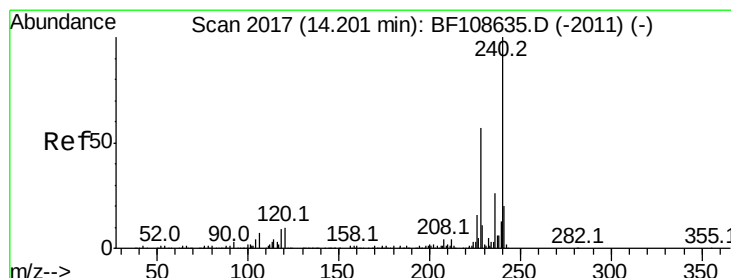
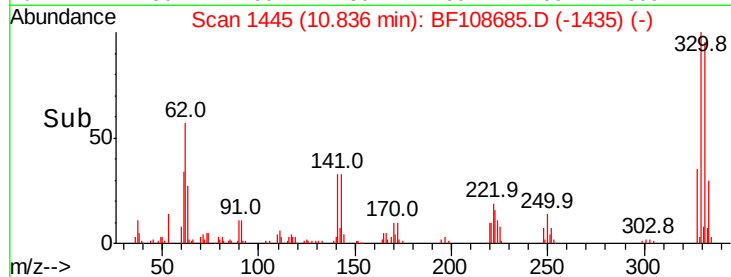
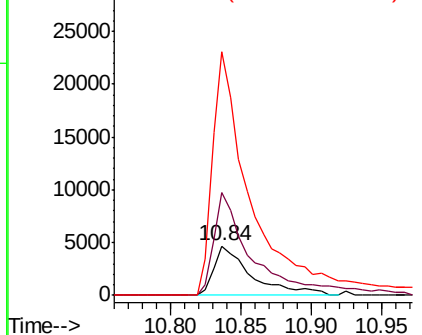
#66
 4-Bromophenyl-phenylether
 Concen: 2.248 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.24 min
 Lab File: BF108685.D
 Acq: 31 Aug 2018 12:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 8741
 Ion Ratio Lower Upper
 248 100
 250 206.5 76.9 115.3#
 141 491.0 74.4 111.6#

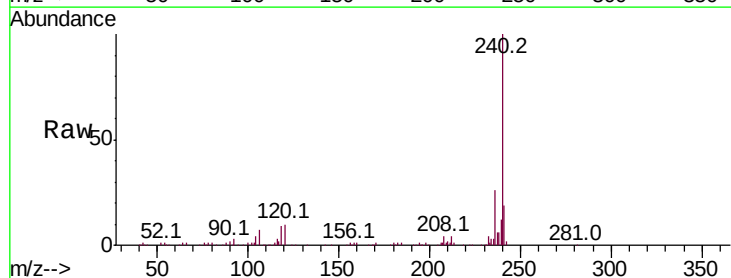


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

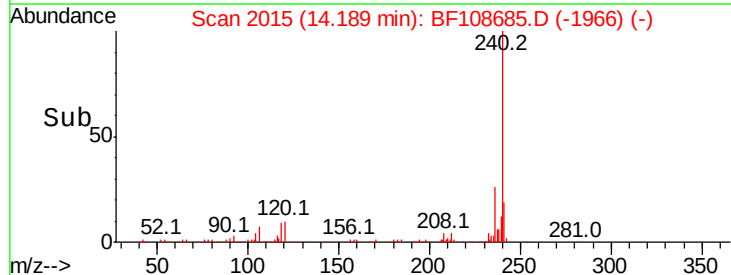
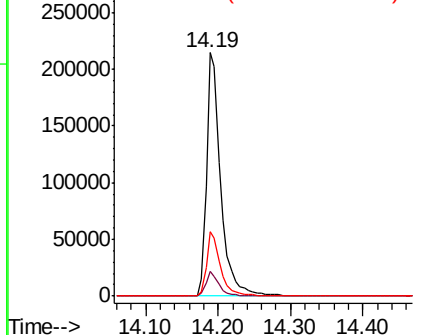


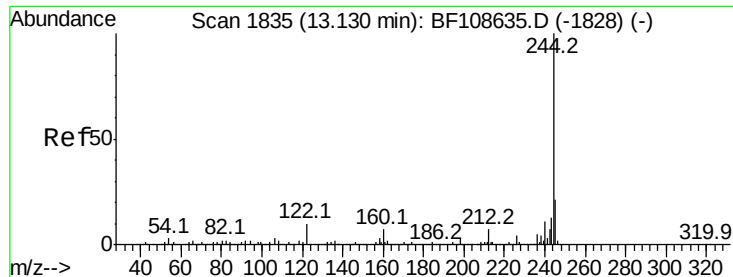
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.19 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF108685.D
 Acq: 31 Aug 2018 12:10

Tgt Ion:240 Resp: 290363
 Ion Ratio Lower Upper
 240 100
 120 10.0 9.5 14.3
 236 26.3 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

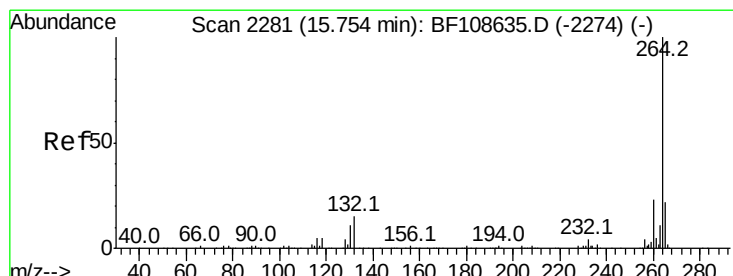
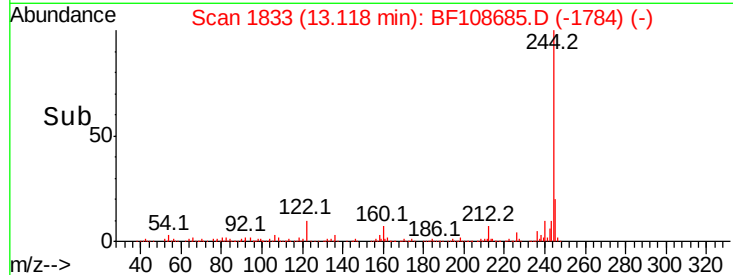
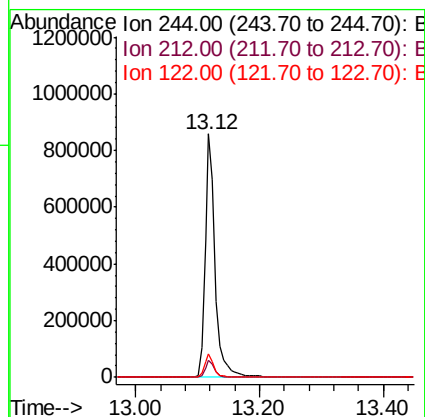
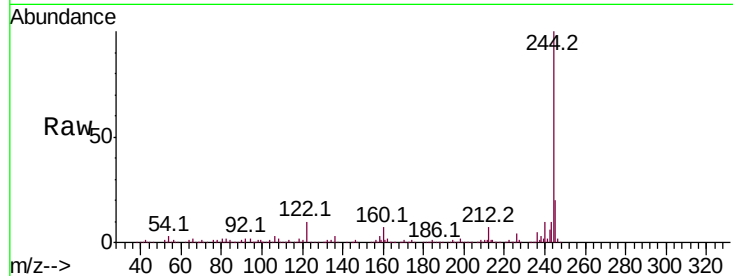




#78
 Terphenyl-d14
 Concen: 64.908 ng
 RT: 13.12 min Scan# 1833
 Delta R.T. -0.01 min
 Lab File: BF108685.D
 Acq: 31 Aug 2018 12:10

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 970019
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 9.7 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.75 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BF108685.D
 Acq: 31 Aug 2018 12:10

Tgt Ion:264 Resp: 251853
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.2 28.8
 265 21.7 17.5 26.3

