

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083018\
 Data File : BF108648.D
 Acq On : 30 Aug 2018 18:56
 Operator : JU/SJ
 Sample : J4702-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 31 01:11:25 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

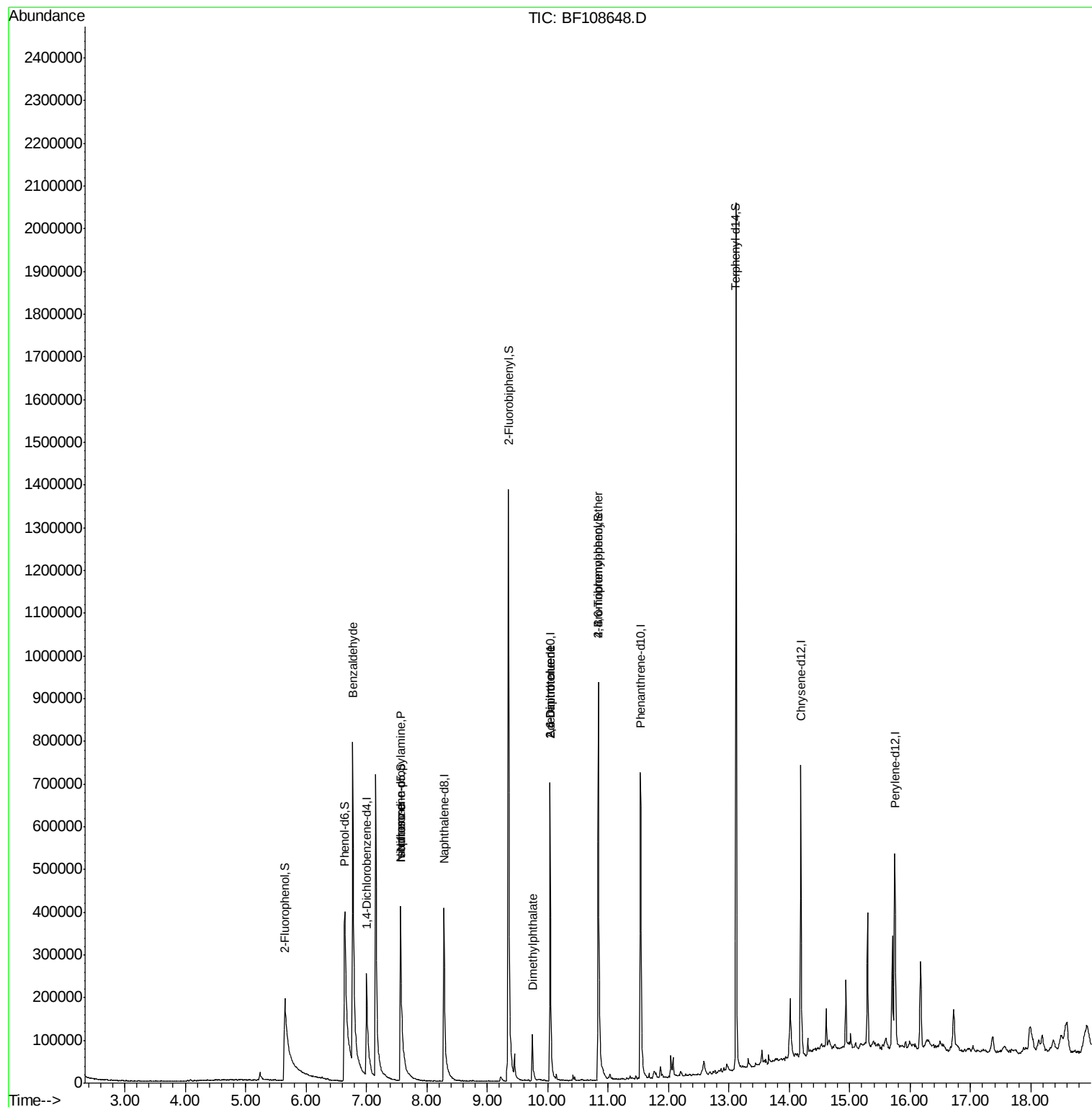
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	81176	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	345435	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	180579	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	381087	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	285258	20.00	ng	-0.01
86) Perylene-d12	15.75	264	273621	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	292785	62.66	ng	0.00
7) Phenol-d6	6.64	99	486059	72.63	ng	0.00
23) Nitrobenzene-d5	7.57	82	327412	48.11	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	162179	68.03	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	654046	48.70	ng	0.00
78) Terphenyl-d14	13.12	244	738028	50.27	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.77	77	8740	2.113	ng	# 76
19) n-Nitroso-di-n-propylamine	7.57	70	39911	8.905	ng	# 86
25) Isophorone	7.57	82	330479	29.233	ng	# 64
49) Dimethylphthalate	9.75	163	74298	5.225	ng	# 98
50) 2,6-Dinitrotoluene	10.04	165	22564	7.199	ng	# 27
56) 2,4-Dinitrotoluene	10.04	165	22680	5.465	ng	# 24
66) 4-Bromophenyl-phenylether	10.84	248	10050	2.146	ng	# 1

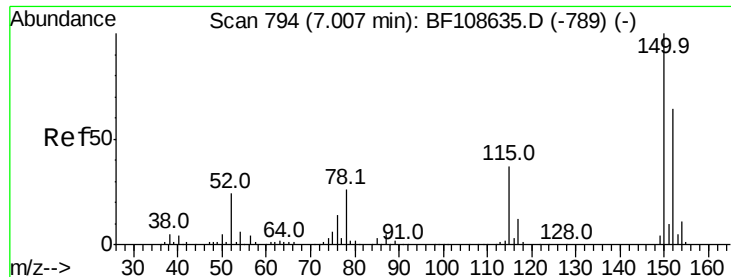
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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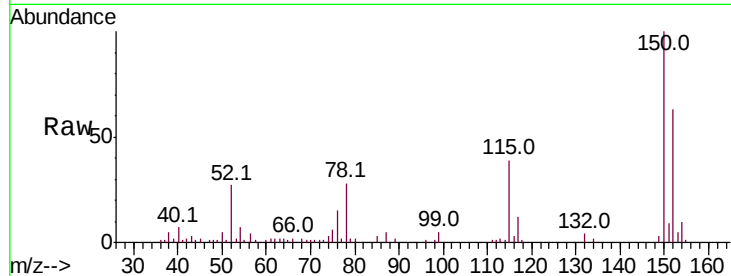


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.00 min Scan# 793
 Delta R.T. -0.01 min
 Lab File: BF108648.D
 Acq: 30 Aug 2018 18:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	124.6	186.8
115	62.5	50.1	75.1

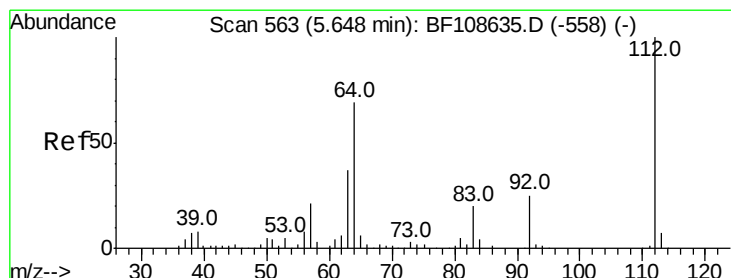
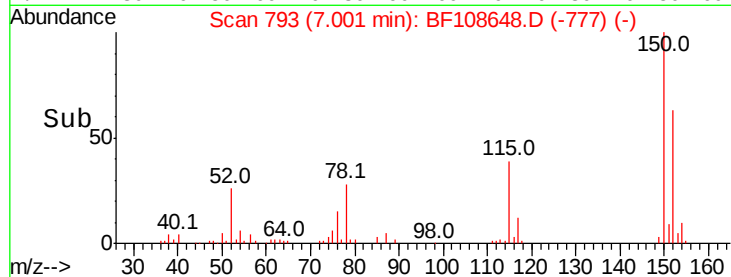
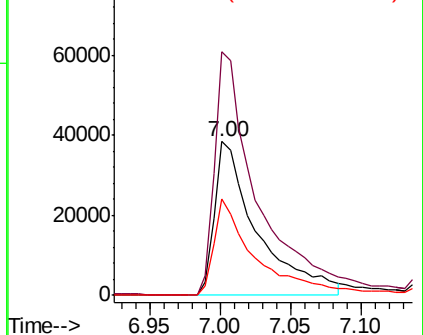


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

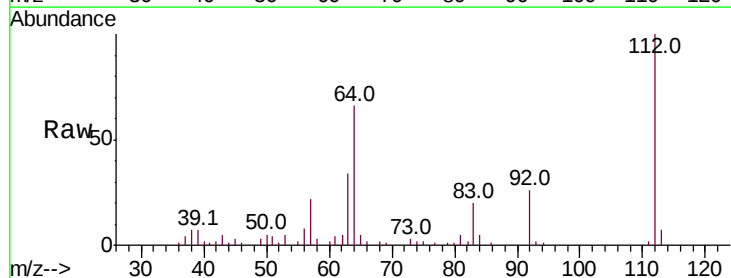
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 62.657 ng
 RT: 5.65 min Scan# 563
 Delta R.T. 0.00 min
 Lab File: BF108648.D
 Acq: 30 Aug 2018 18:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.4	47.9	71.9
63	34.2	23.7	35.5

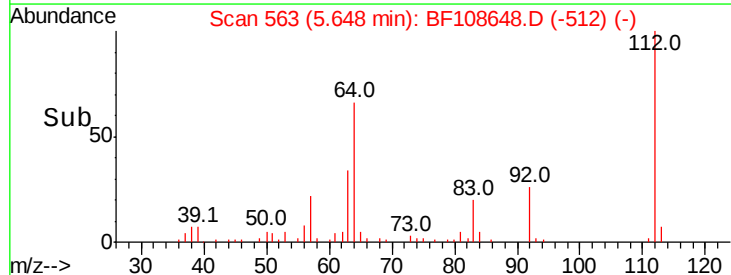
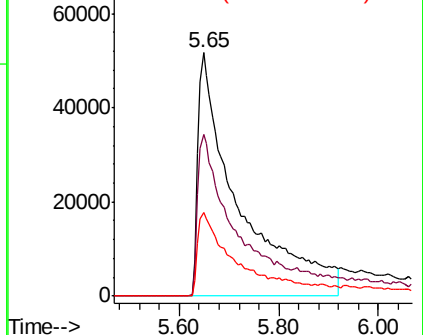


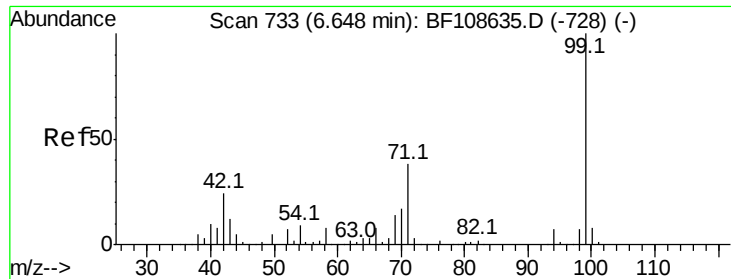
Abundance

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: 72.626 ng

RT: 6.64 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF108648.D

Acq: 30 Aug 2018 18:56

Instrument :

BNA_F

ClientSampleId :

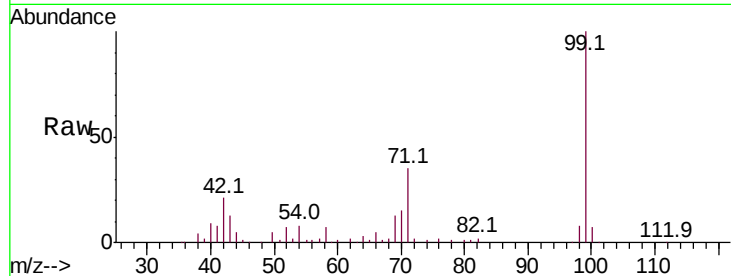
Tot Ion: 99 Resp: 486059

Ion Ratio Lower Upper

99 100

42 21.3 14.5 21.7

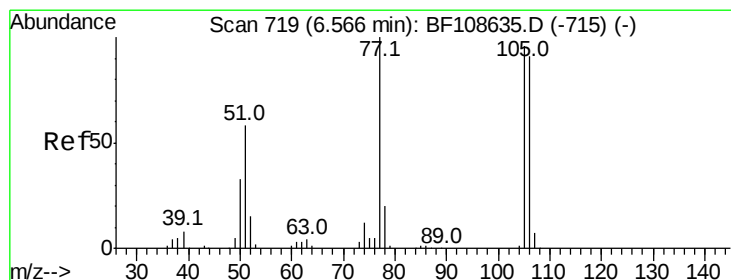
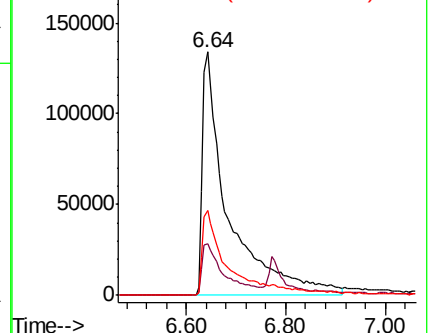
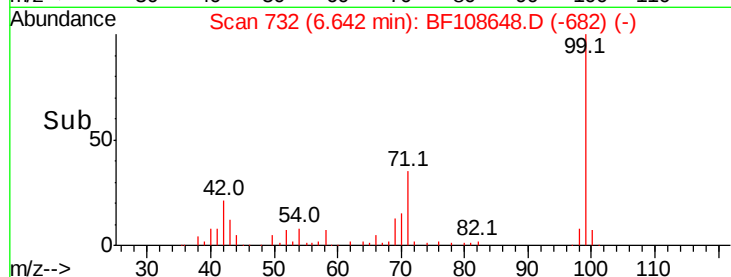
71 34.9 25.4 38.0



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: 2.113 ng

RT: 6.77 min Scan# 754

Delta R.T. 0.21 min

Lab File: BF108648.D

Acq: 30 Aug 2018 18:56

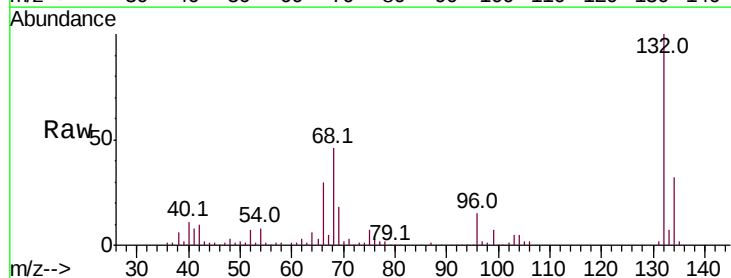
Tgt Ion: 77 Resp: 8740

Ion Ratio Lower Upper

77 100

105 75.8 81.1 121.1#

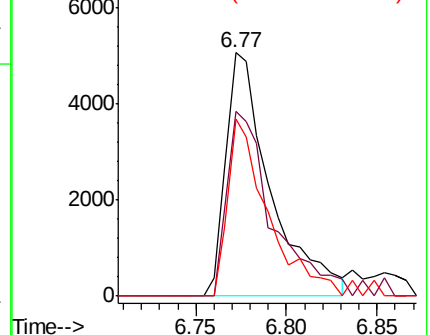
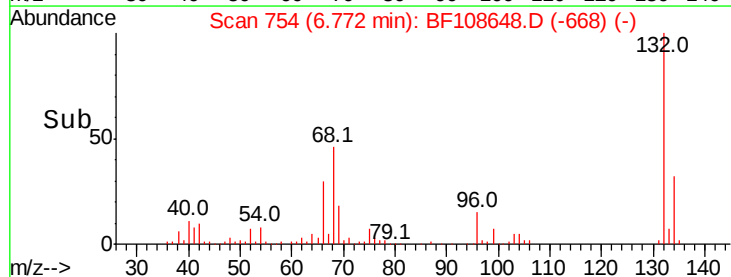
106 72.7 74.5 114.5#

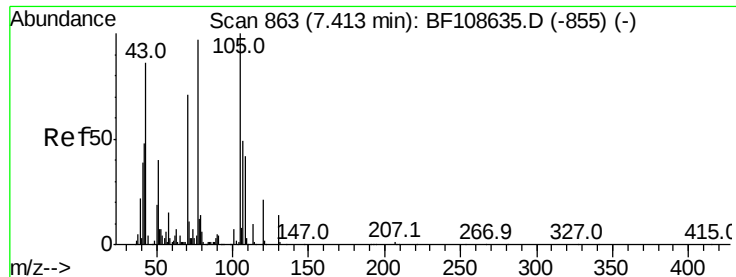


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

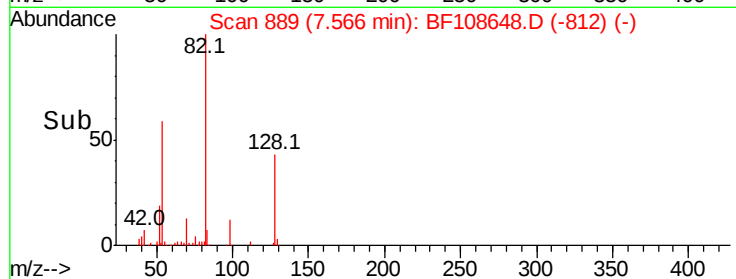
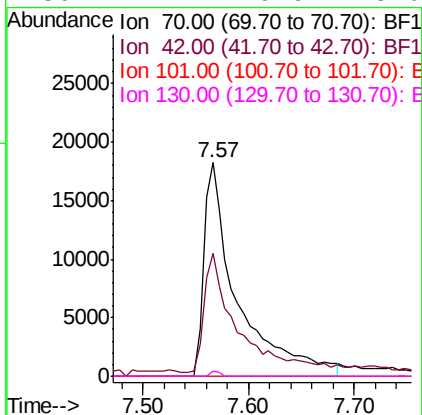
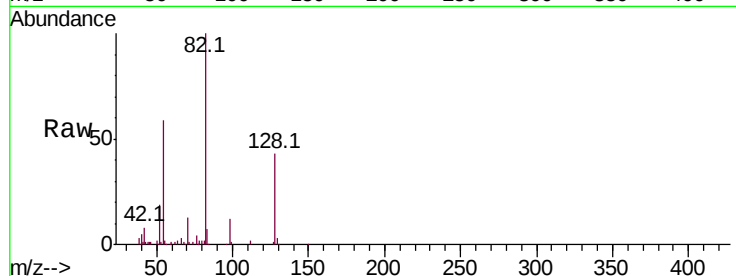




#19
n-Nitroso-di-n-propylamine
Concen: 8.905 ng
RT: 7.57 min Scan# 889
Delta R.T. 0.15 min
Lab File: BF108648.D
Acq: 30 Aug 2018 18:56

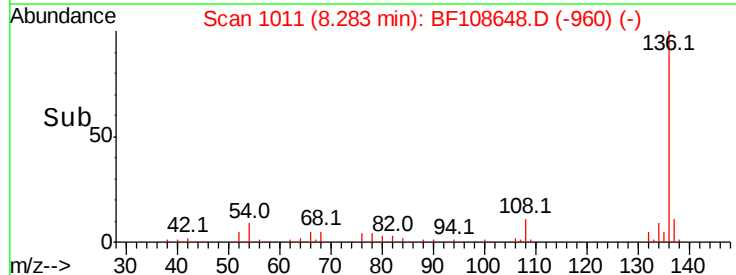
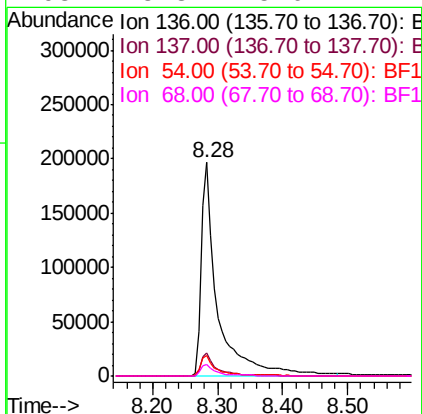
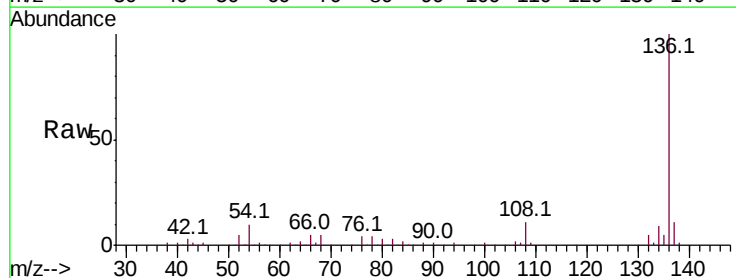
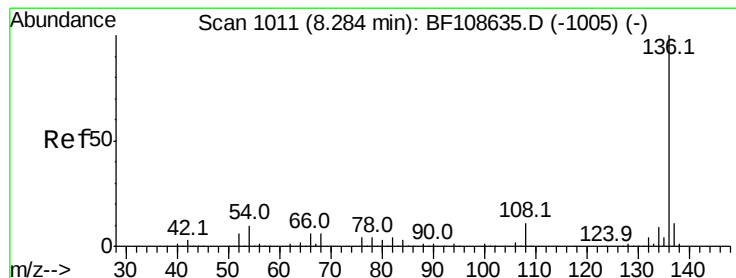
Instrument :
BNA_F
ClientSampleId :

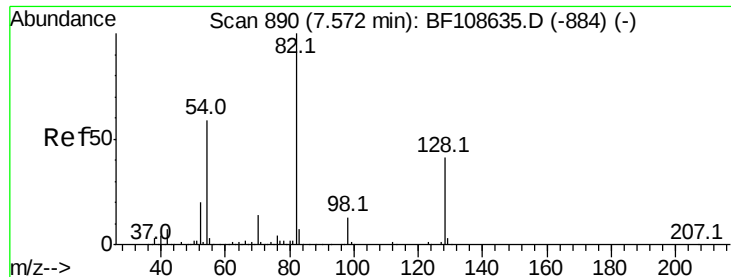
Tot Ion: 70 Resp: 39911
Ion Ratio Lower Upper
70 100
42 57.5 47.5 71.3
101 0.0 7.4 11.2#
130 2.4 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BF108648.D
Acq: 30 Aug 2018 18:56

Tgt Ion:136 Resp: 345435
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 9.6 6.6 9.8
68 5.3 5.0 7.4

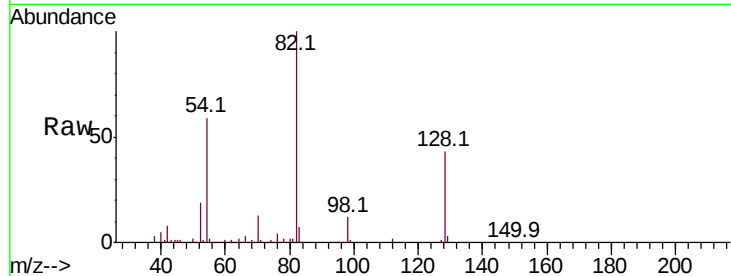




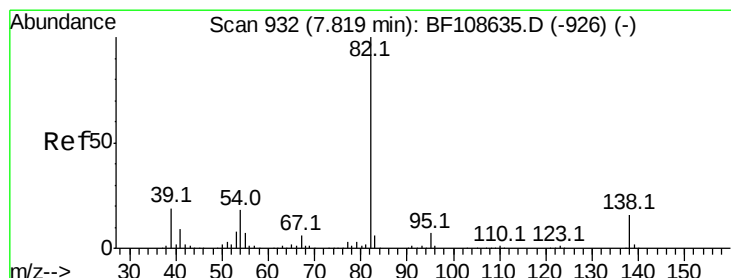
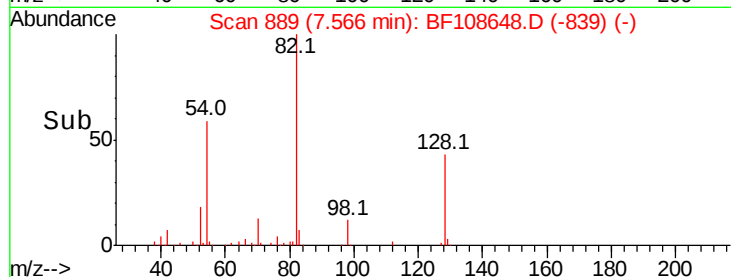
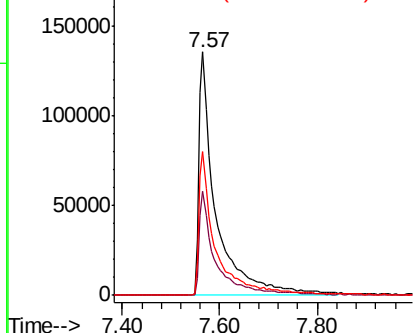
#23
Nitrobenzene-d5
Concen: 48.110 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108648.D
Acq: 30 Aug 2018 18:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 327412
Ion Ratio Lower Upper
82 100
128 42.5 36.1 54.1
54 59.0 41.4 62.2

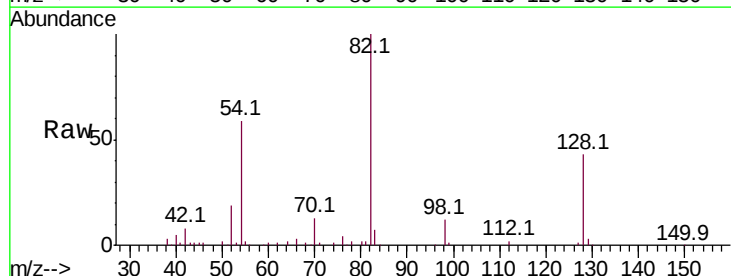


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

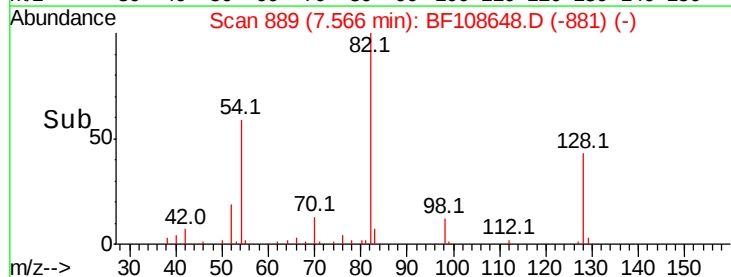
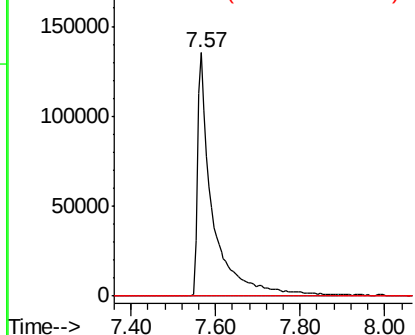


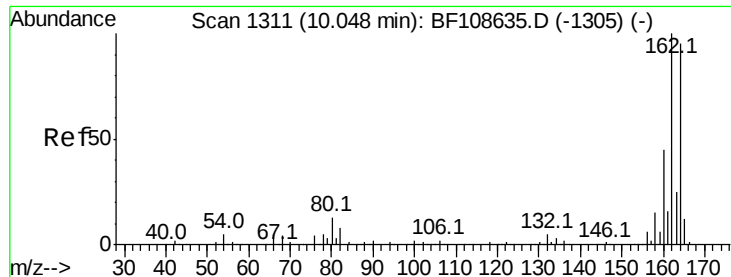
#25
Isophorone
Concen: 29.233 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.25 min
Lab File: BF108648.D
Acq: 30 Aug 2018 18:56

Tgt Ion: 82 Resp: 330479
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

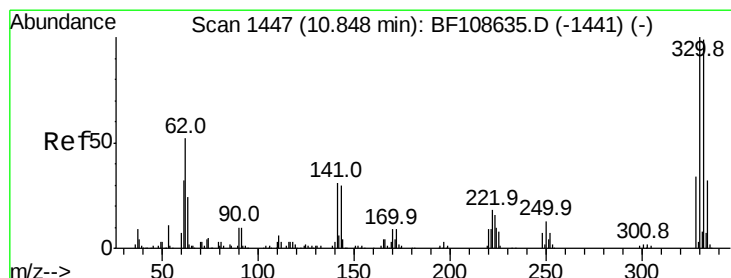
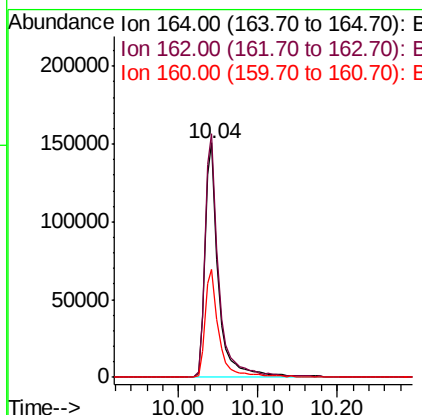
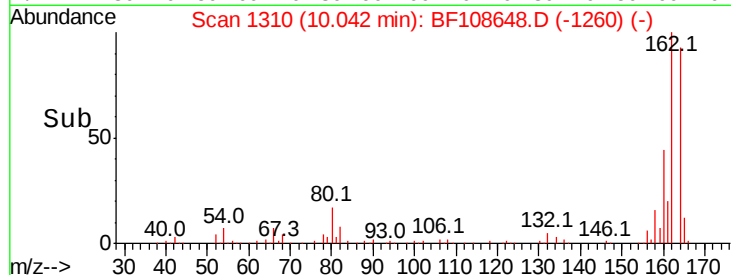
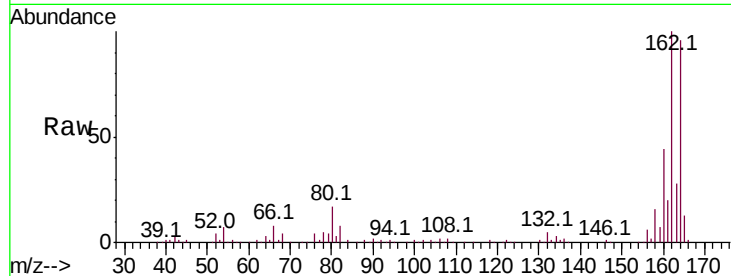




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF108648.D
 Acq: 30 Aug 2018 18:56

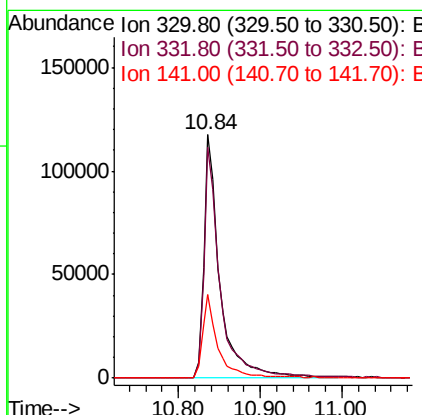
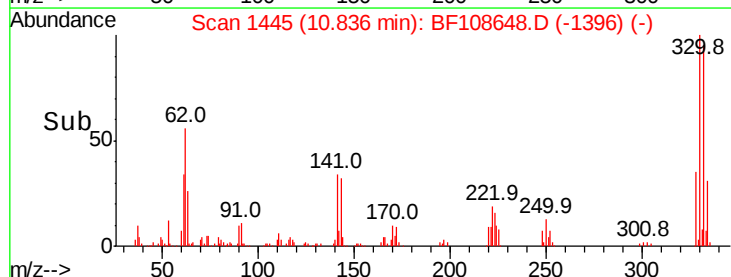
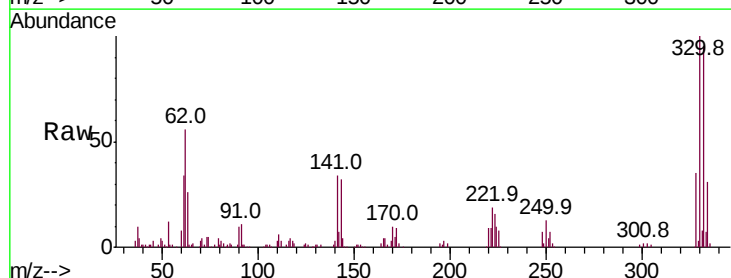
Instrument :
 BNA_F
 ClientSampleId :

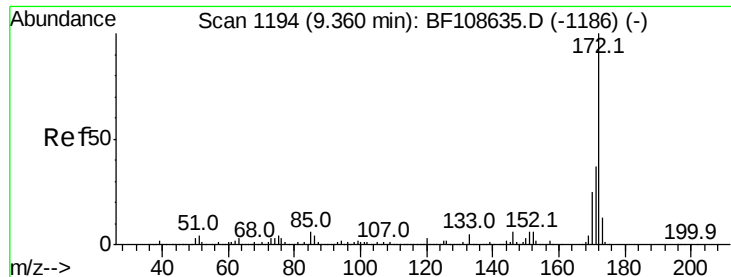
Tot Ion:164 Resp: 180579
 Ion Ratio Lower Upper
 164 100
 162 103.8 86.1 129.1
 160 45.8 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 68.032 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108648.D
 Acq: 30 Aug 2018 18:56

Tgt Ion:330 Resp: 162179
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 33.2 29.9 44.9





#44

2-Fluorobiphenyl

Concen: 48.700 ng

RT: 9.35 min Scan# 1193

Delta R.T. -0.01 min

Lab File: BF108648.D

Acq: 30 Aug 2018 18:56

Instrument :

BNA_F

ClientSampleId :

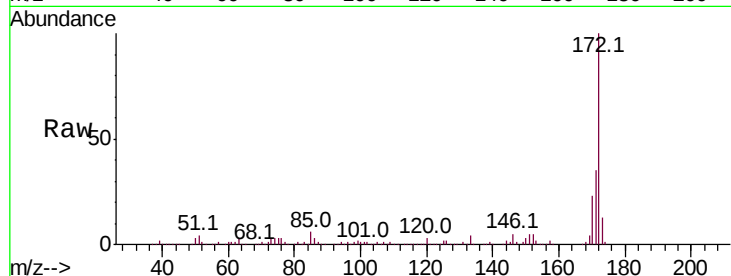
Tot Ion:172 Resp: 654046

Ion Ratio Lower Upper

172 100

171 35.2 29.7 44.5

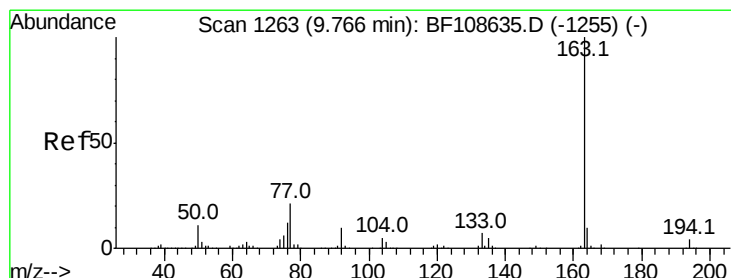
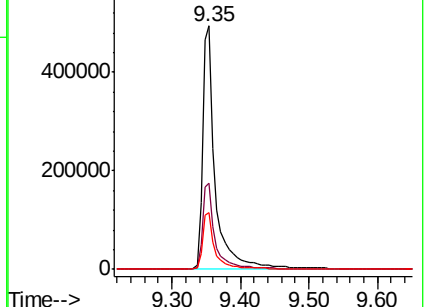
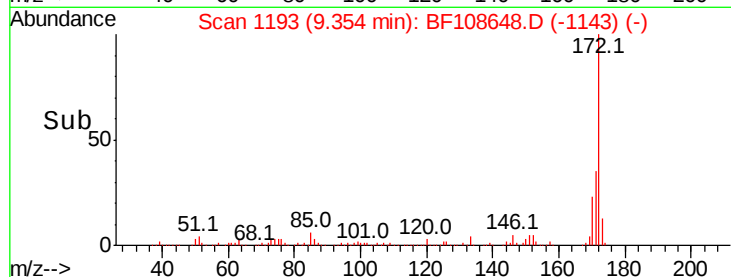
170 23.1 19.6 29.4



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: 5.225 ng

RT: 9.75 min Scan# 1260

Delta R.T. -0.02 min

Lab File: BF108648.D

Acq: 30 Aug 2018 18:56

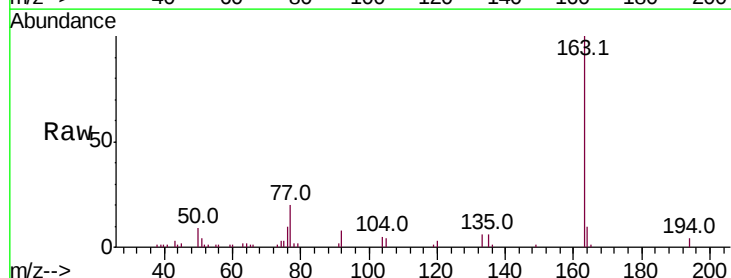
Tgt Ion:163 Resp: 74298

Ion Ratio Lower Upper

163 100

194 4.0 2.7 4.1

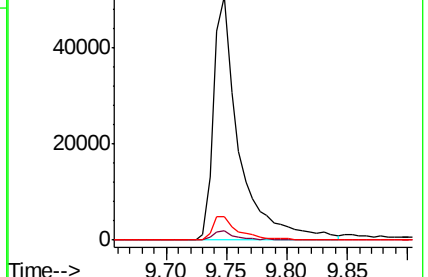
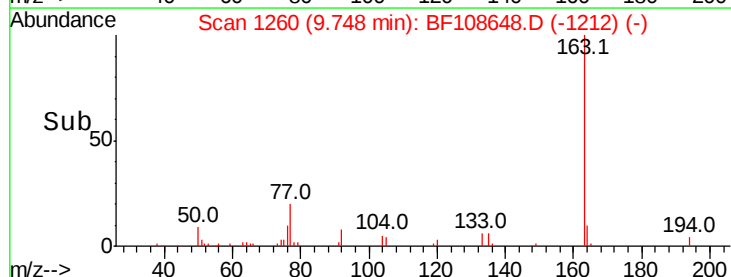
164 9.5 8.2 12.2

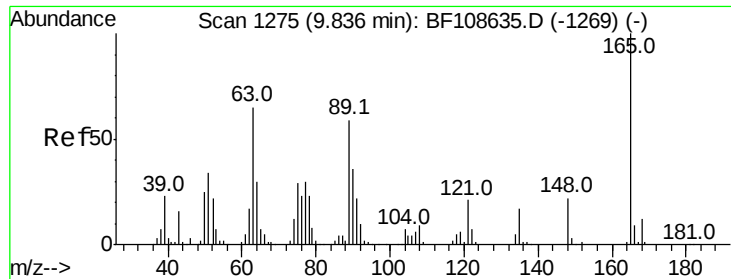


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

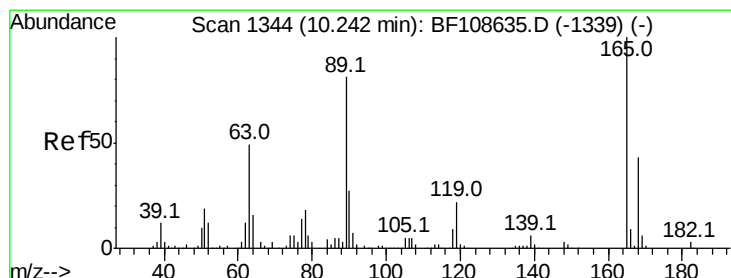
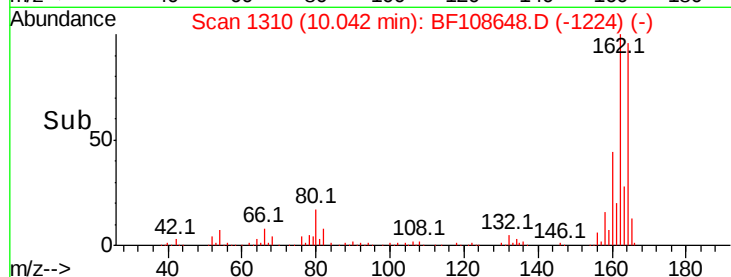
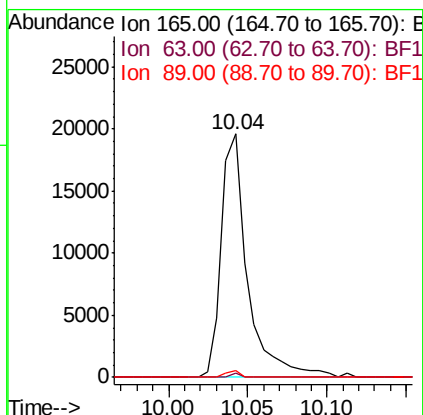
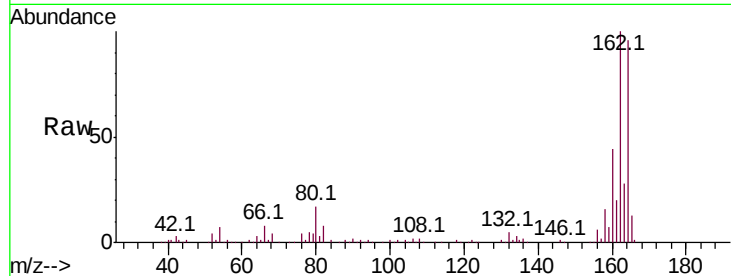




#50
 2,6-Dinitrotoluene
 Concen: 7.199 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. 0.21 min
 Lab File: BF108648.D
 Acq: 30 Aug 2018 18:56

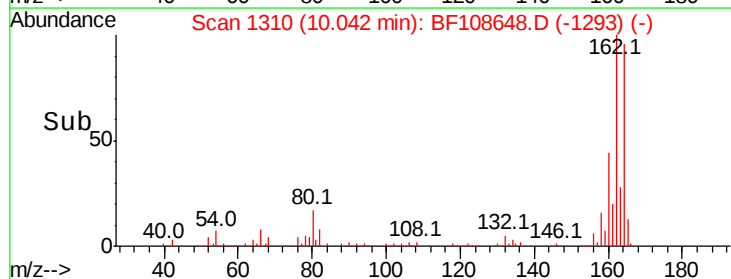
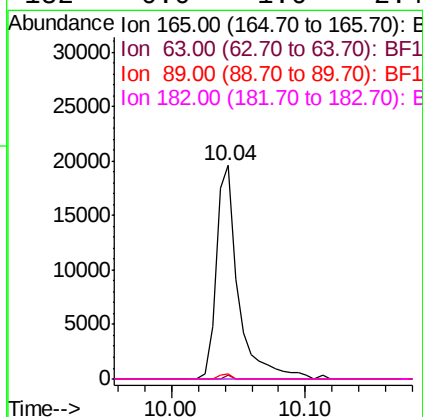
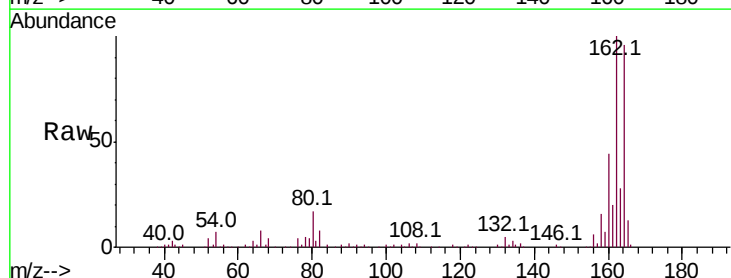
Instrument :
 BNA_F
 ClientSampled :

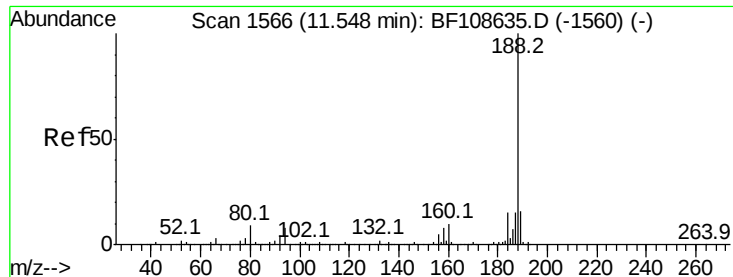
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.8	44.7	67.1#
89	2.6	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 5.465 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.20 min
 Lab File: BF108648.D
 Acq: 30 Aug 2018 18:56

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	36.4	54.6#
89	2.6	57.8	86.6#
182	0.0	1.6	2.4#

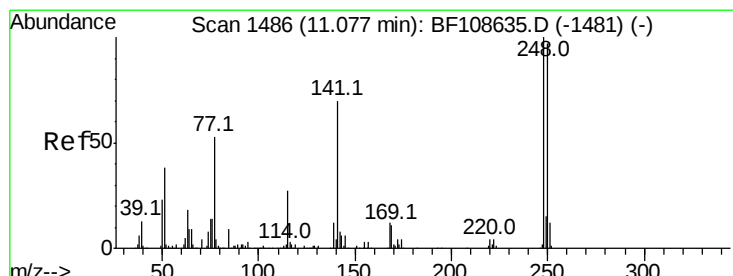
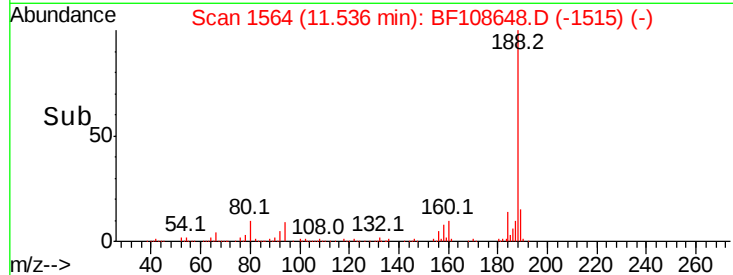
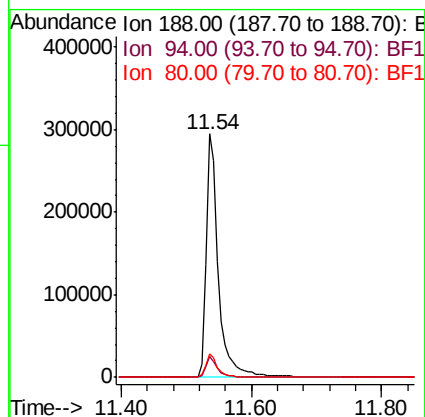
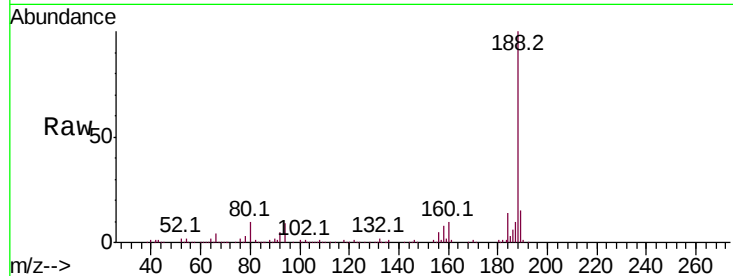




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.54 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF108648.D
 Acq: 30 Aug 2018 18:56

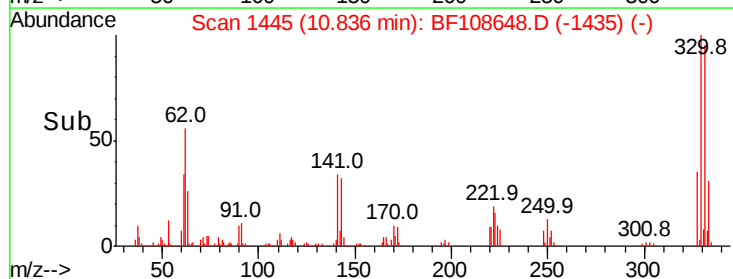
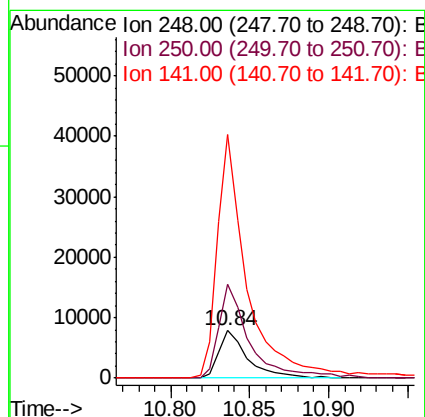
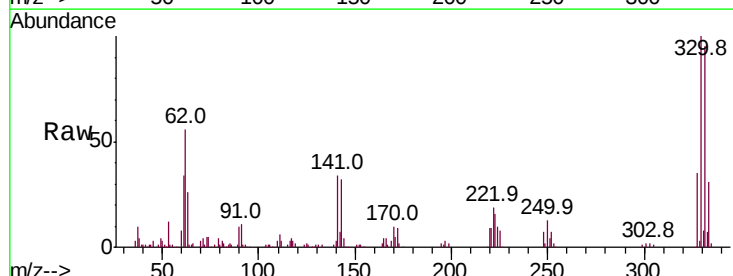
Instrument :
 BNA_F
 ClientSampleId :

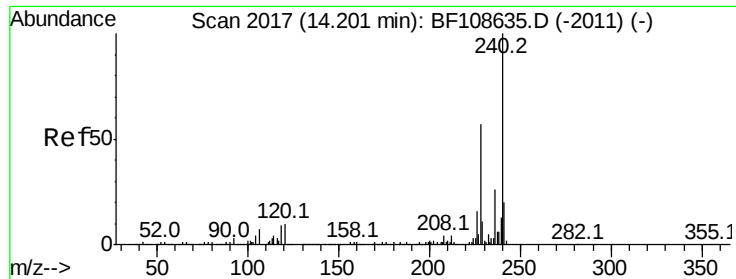
Tot Ion:188 Resp: 381087
 Ion Ratio Lower Upper
 188 100
 94 8.7 8.5 12.7
 80 9.6 9.2 13.8



#66
 4-Bromophenyl-phenylether
 Concen: 2.146 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.24 min
 Lab File: BF108648.D
 Acq: 30 Aug 2018 18:56

Tgt Ion:248 Resp: 10050
 Ion Ratio Lower Upper
 248 100
 250 197.7 76.9 115.3#
 141 511.4 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.19 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF108648.D

Acq: 30 Aug 2018 18:56

Instrument :

BNA_F

ClientSampleId :

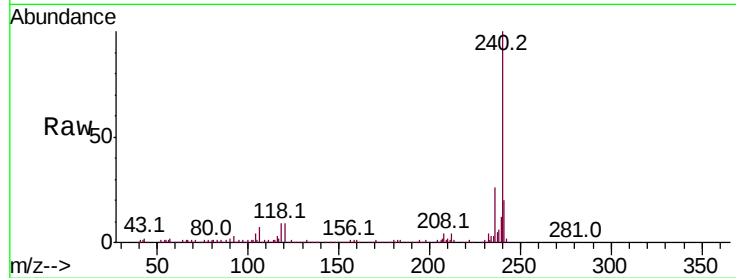
Tot Ion:240 Resp: 285258

Ion Ratio Lower Upper

240 100

120 9.2 9.5 14.3#

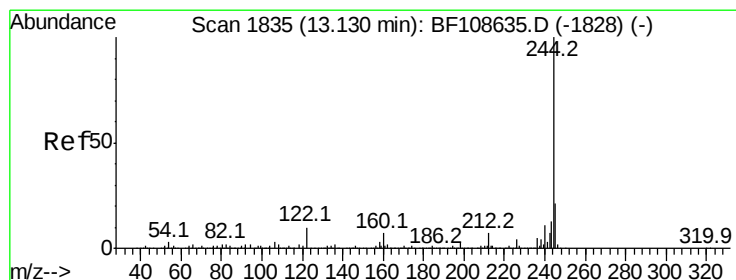
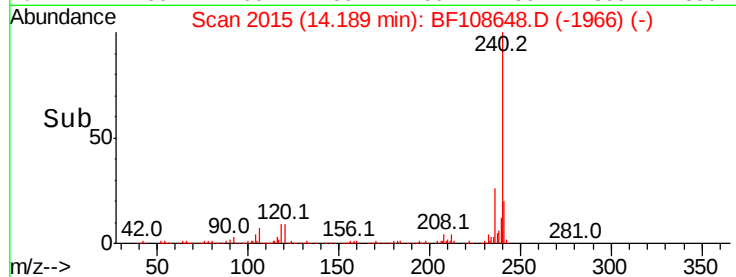
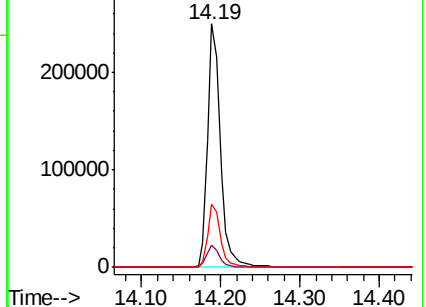
236 25.8 20.7 31.1



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: 50.269 ng

RT: 13.12 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BF108648.D

Acq: 30 Aug 2018 18:56

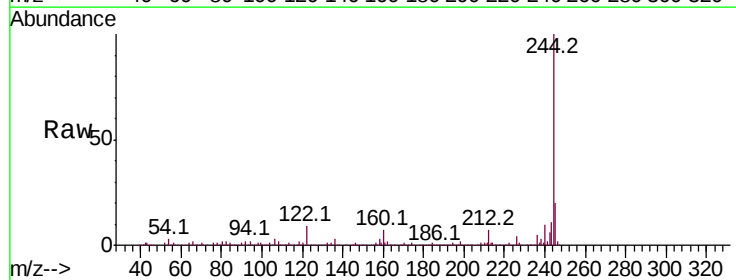
Tgt Ion:244 Resp: 738028

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

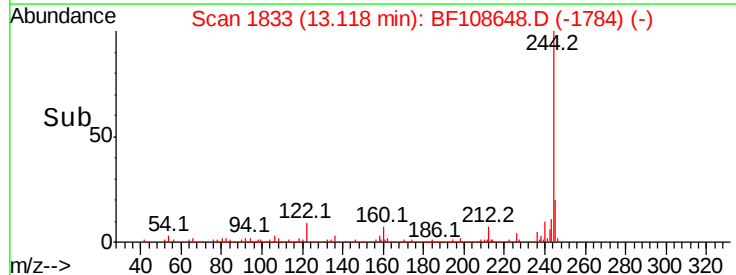
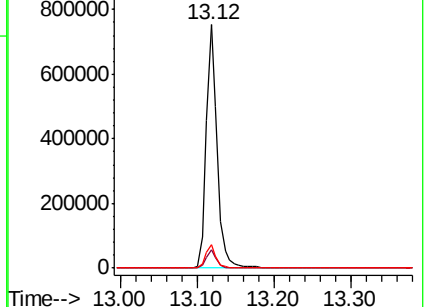
122 9.4 11.0 16.4#

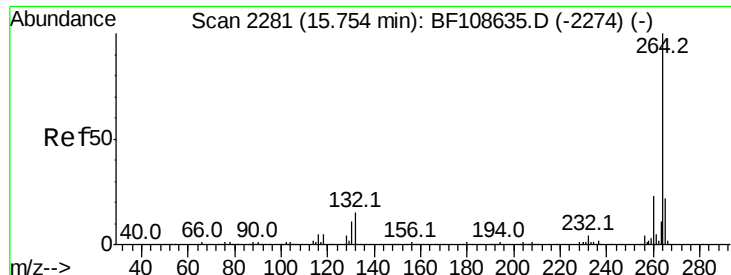


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.75 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BF108648.D
 Acq: 30 Aug 2018 18:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	273621
Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.5	17.5	26.3

