

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100918\
 Data File : BF109736.D
 Acq On : 10 Oct 2018 10:27
 Operator : JU/SJ
 Sample : J5299-06
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 10 11:02:30 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	75698	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	295088	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	116215	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	192519	20.00	ng	0.00
75) Chrysene-d12	13.83	240	210981	20.00	ng	0.00
86) Perylene-d12	15.23	264	156432	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.31	112	172585	40.47	ng	-0.01
7) Phenol-d6	6.34	99	158201	27.77	ng	-0.02
23) Nitrobenzene-d5	7.26	82	544732	101.76	ng	0.00
41) 2,4,6-Tribromophenol	10.51	330	99114	78.27	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	903925	107.12	ng	0.00
78) Terphenyl-d14	12.78	244	804259	73.79	ng	0.00

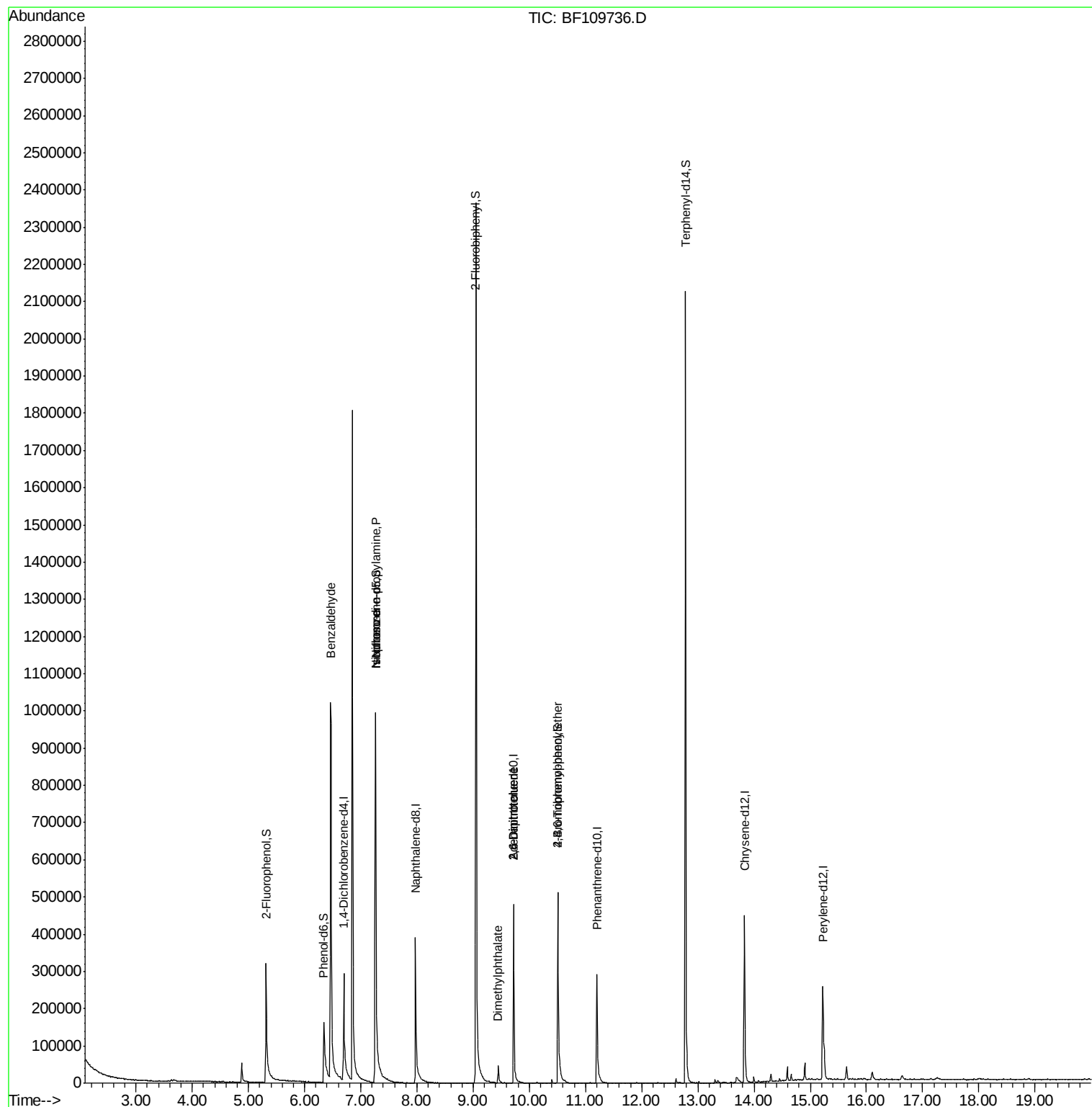
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.46	77	8217	2.241	ng	# 71
19) n-Nitroso-di-n-propylamine	7.26	70	71033	17.780	ng	# 76
25) Isophorone	7.26	82	544732	61.279	ng	# 67
49) Dimethylphthalate	9.45	163	30151	3.537	ng	# 99
50) 2,6-Dinitrotoluene	9.72	165	13484	7.298	ng	# 21
56) 2,4-Dinitrotoluene	9.72	165	13484	5.848	ng	# 17
66) 4-Bromophenyl-phenylether	10.51	248	5383	2.433	ng	# 1

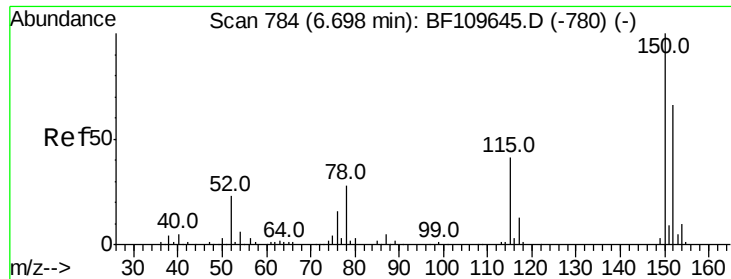
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100918\
Data File : BF109736.D
Acq On : 10 Oct 2018 10:27
Operator : JU/SJ
Sample : J5299-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 10 11:02:30 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 08 16:02:11 2018
Response via : Initial Calibration



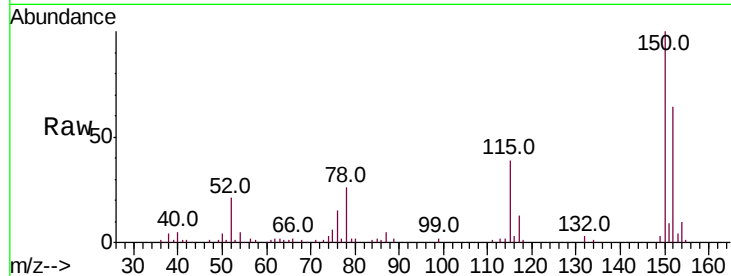


#1

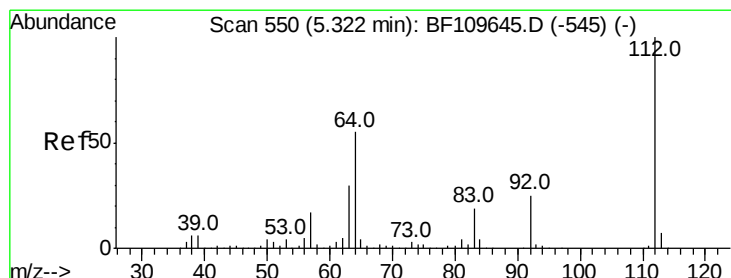
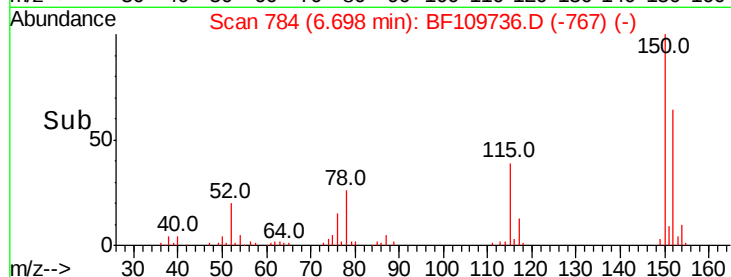
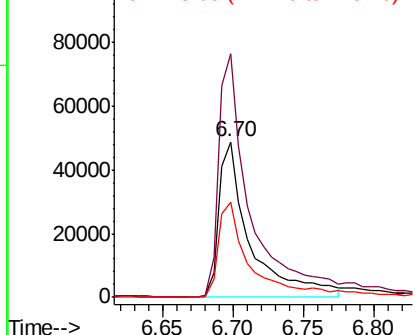
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF109736.D
Acq: 10 Oct 2018 10:27

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 75698
Ion Ratio Lower Upper
152 100
150 156.3 122.7 184.1
115 60.7 49.1 73.7



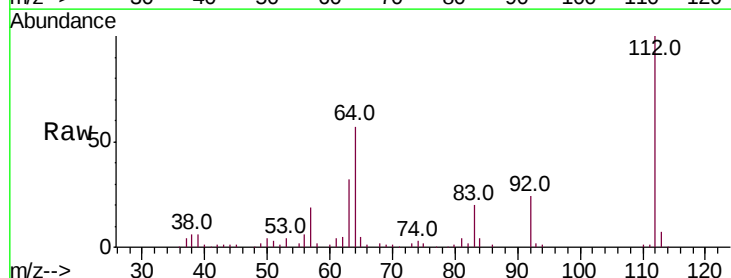
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



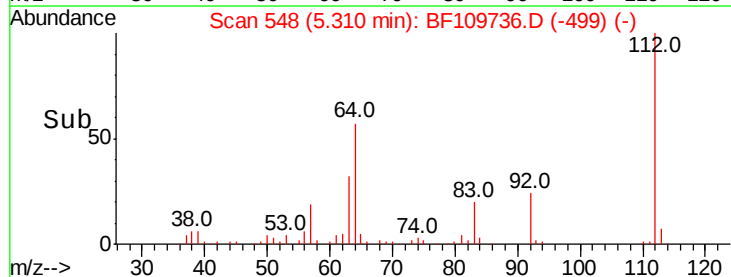
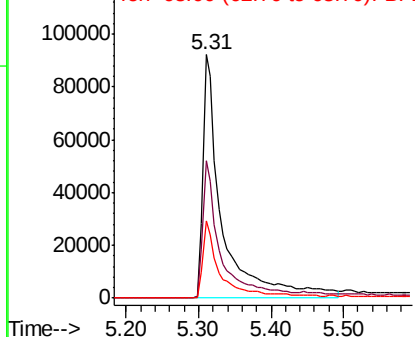
#5

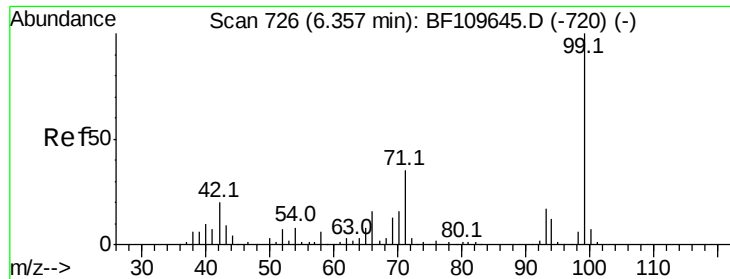
2-Fluorophenol
Concen: 40.469 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF109736.D
Acq: 10 Oct 2018 10:27

Tgt Ion:112 Resp: 172585
Ion Ratio Lower Upper
112 100
64 56.6 44.1 66.1
63 31.6 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: 27.769 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109736.D

Acq: 10 Oct 2018 10:27

Instrument :

BNA_F

ClientSampleId :

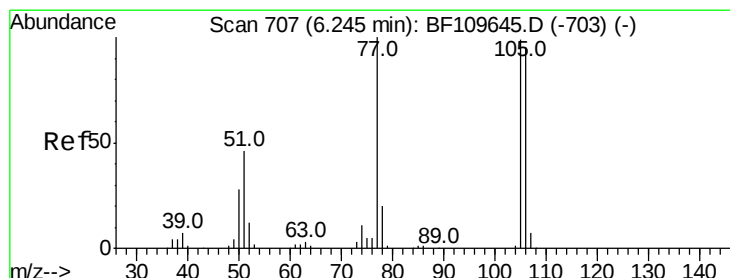
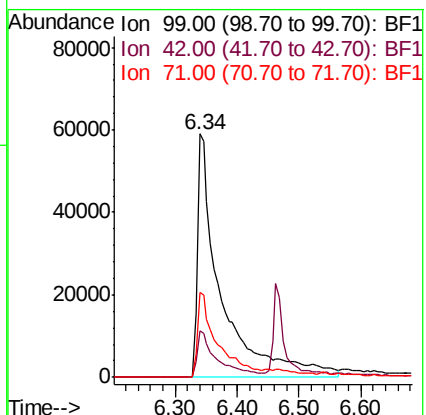
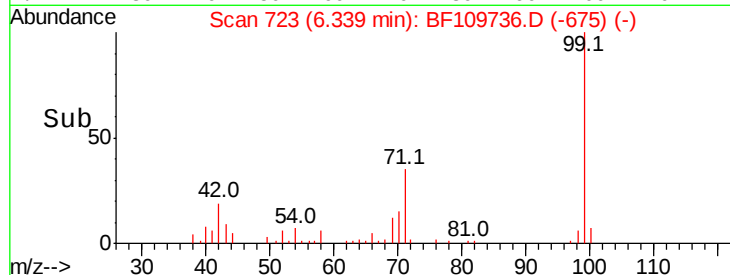
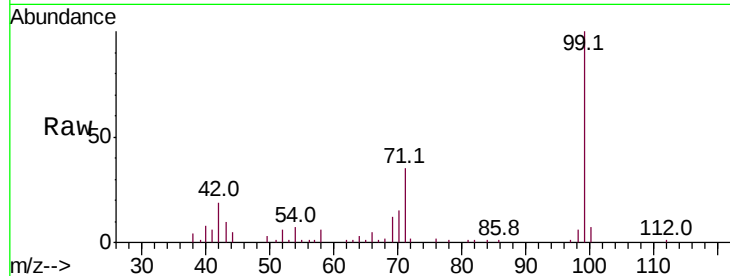
Tot Ion: 99 Resp: 158201

Ion Ratio Lower Upper

99 100

42 19.3 15.8 23.6

71 34.9 28.0 42.0



#9

Benzaldehyde

Concen: 2.241 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.22 min

Lab File: BF109736.D

Acq: 10 Oct 2018 10:27

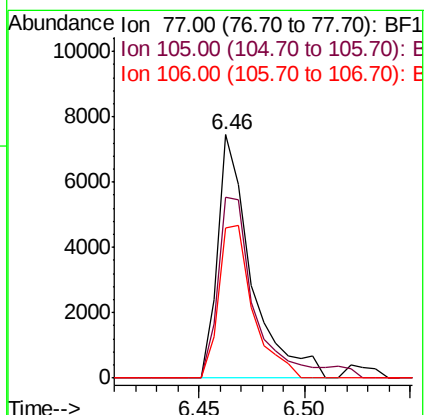
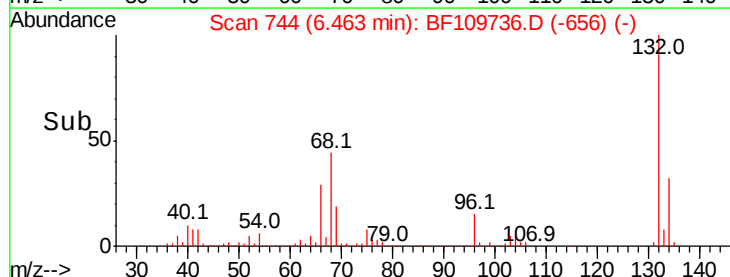
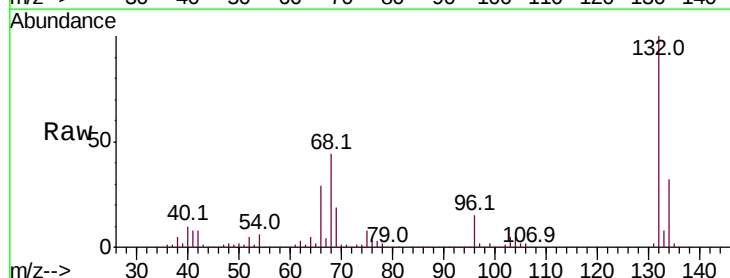
Tgt Ion: 77 Resp: 8217

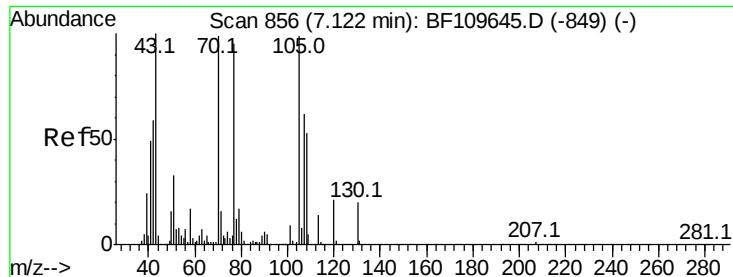
Ion Ratio Lower Upper

77 100

105 74.2 78.6 118.6#

106 61.7 74.8 114.8#

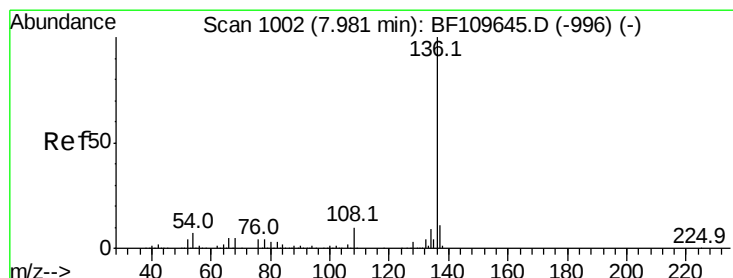
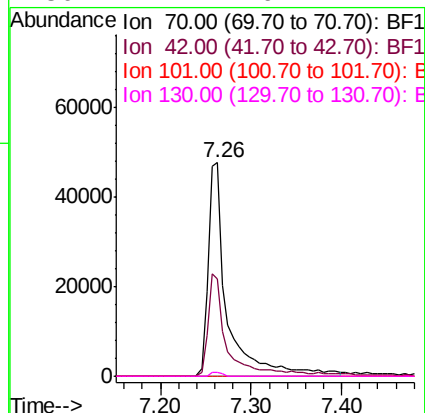
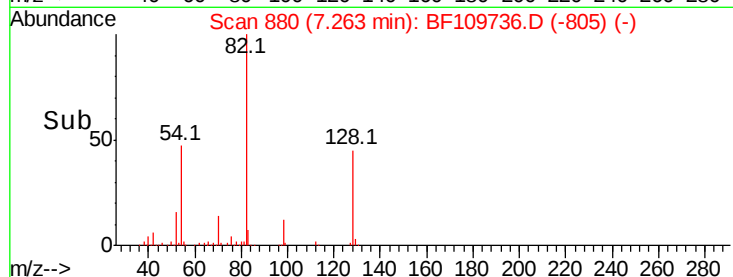
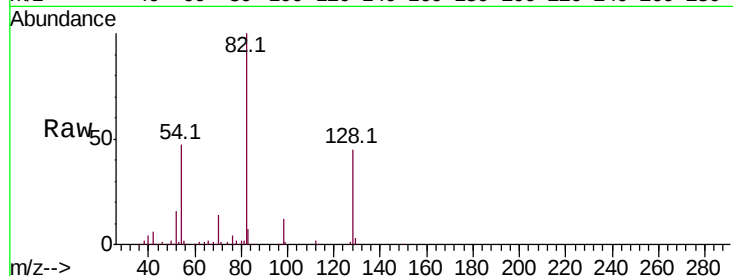




#19
n-Nitroso-di-n-propylamine
Concen: 17.780 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.14 min
Lab File: BF109736.D
Acq: 10 Oct 2018 10:27

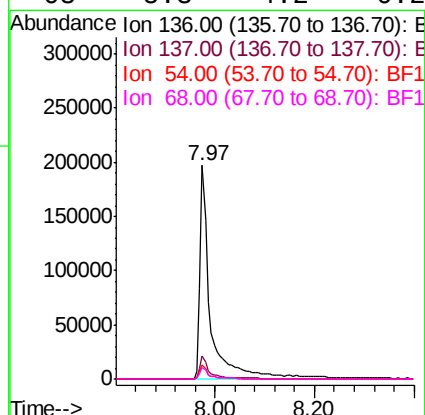
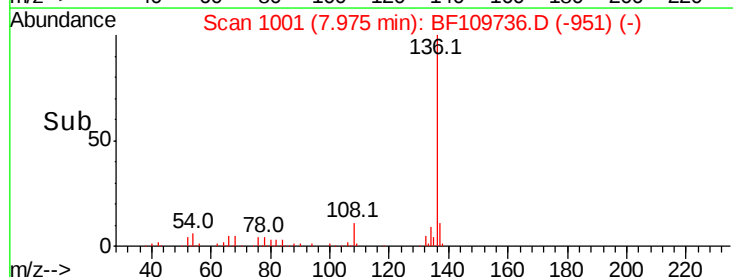
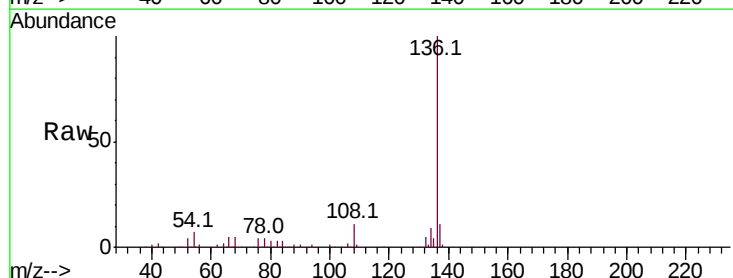
Instrument :
BNA_F
ClientSampleId :

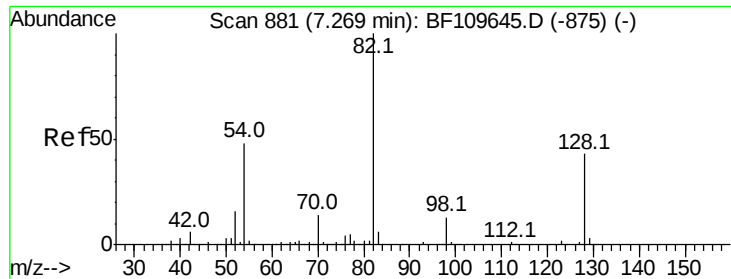
Tot Ion: 70 Resp: 71033
Ion Ratio Lower Upper
70 100
42 45.8 47.4 71.2#
101 0.0 7.3 10.9#
130 2.1 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109736.D
Acq: 10 Oct 2018 10:27

Tgt Ion: 136 Resp: 295088
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 6.7 5.4 8.2
68 5.3 4.2 6.2

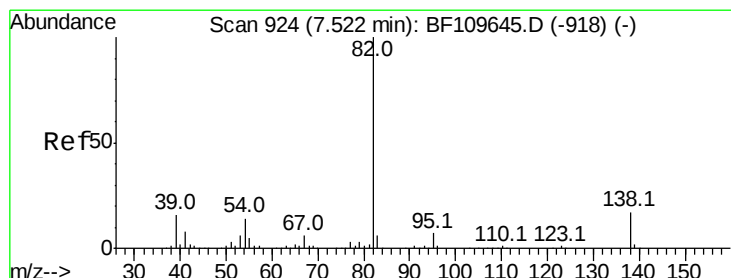
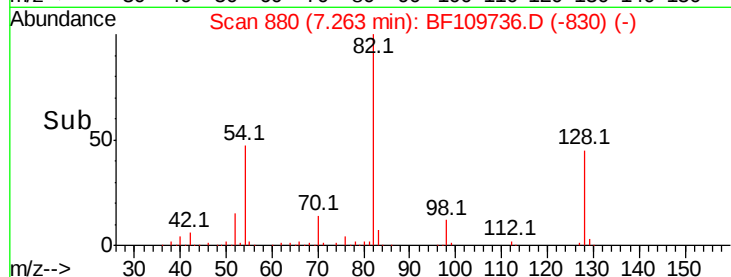
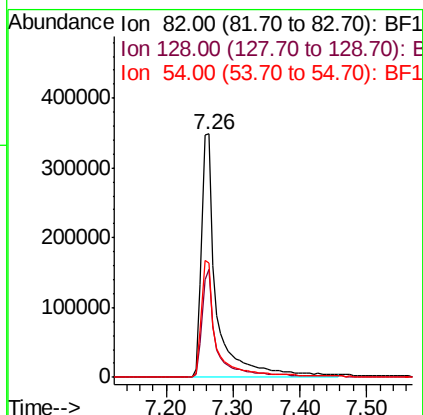
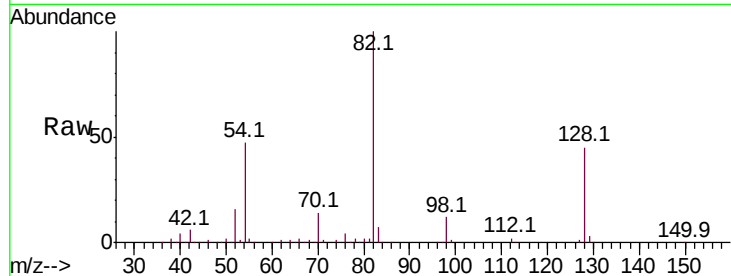




#23
Nitrobenzene-d5
Concen: 101.758 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF109736.D
Acq: 10 Oct 2018 10:27

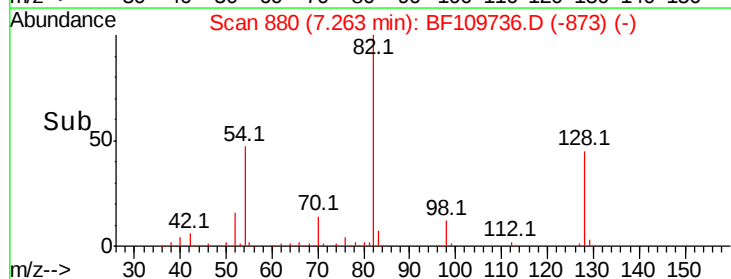
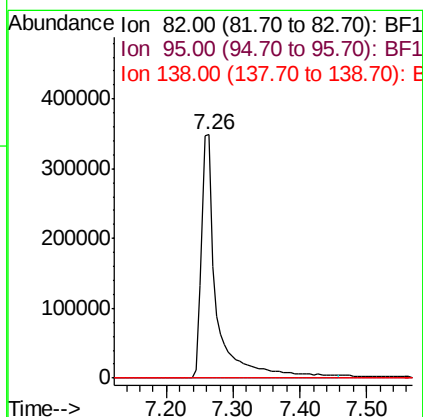
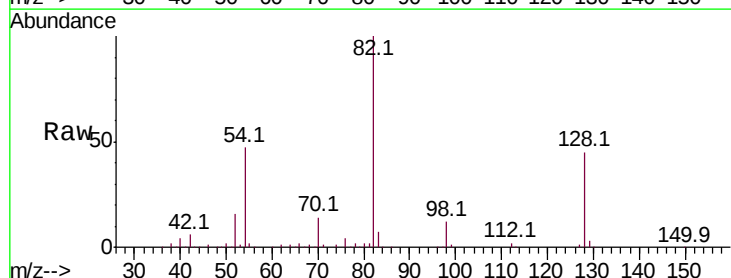
Instrument :
BNA_F
ClientSampled :

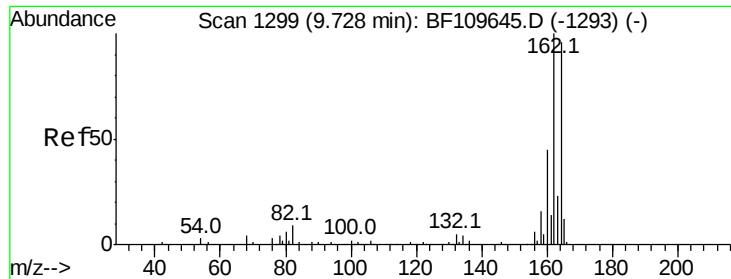
Tot Ion: 82 Resp: 544732
Ion Ratio Lower Upper
82 100
128 44.6 34.2 51.2
54 47.0 38.6 58.0



#25
Isophorone
Concen: 61.279 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.26 min
Lab File: BF109736.D
Acq: 10 Oct 2018 10:27

Tgt Ion: 82 Resp: 544732
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#

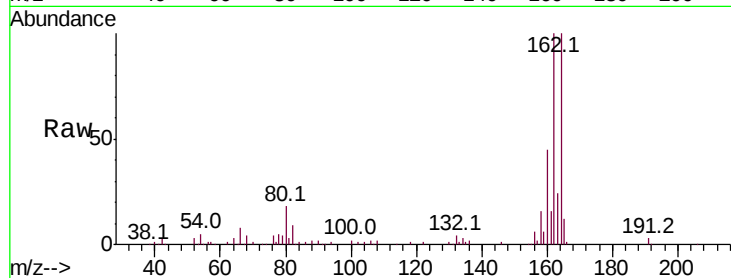




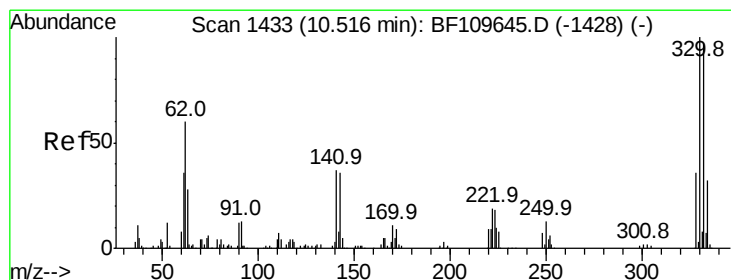
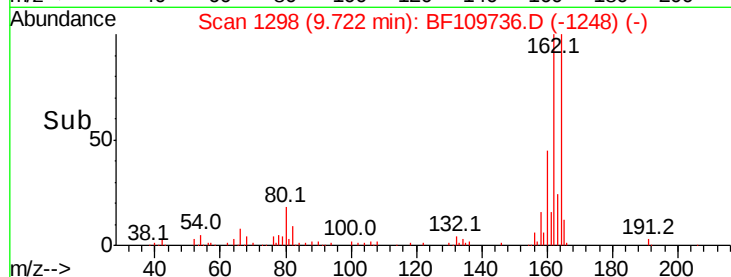
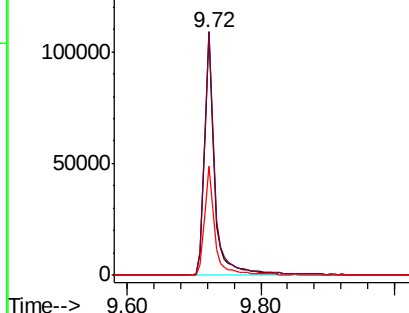
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF109736.D
 Acq: 10 Oct 2018 10:27

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:164 Resp: 116215
 Ion Ratio Lower Upper
 164 100
 162 100.1 83.0 124.6
 160 45.0 37.0 55.6

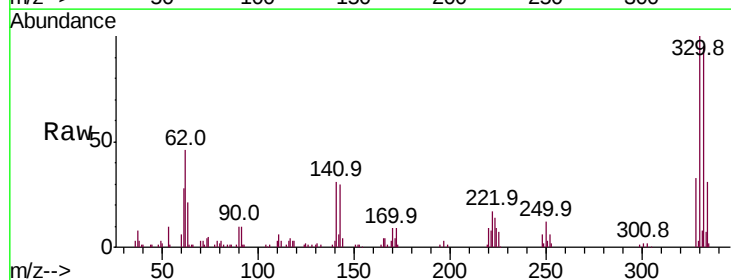


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

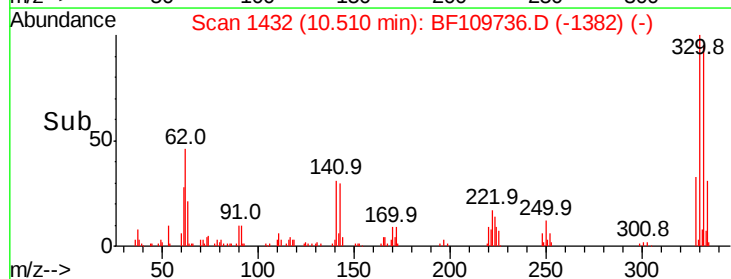
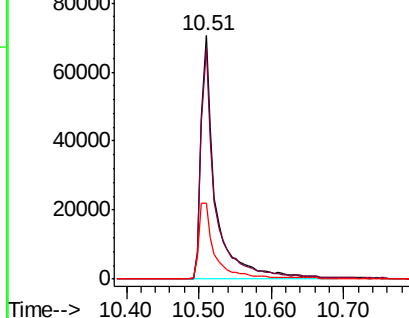


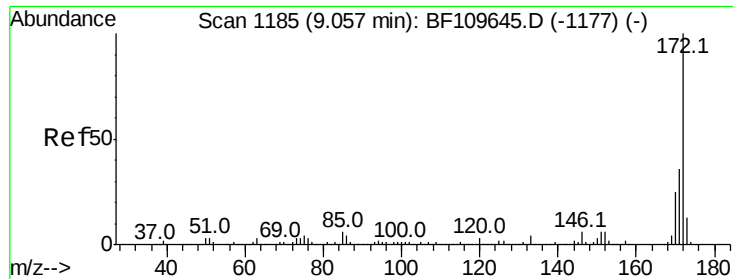
#41
 2,4,6-Tribromophenol
 Concen: 78.271 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109736.D
 Acq: 10 Oct 2018 10:27

Tgt Ion:330 Resp: 99114
 Ion Ratio Lower Upper
 330 100
 332 92.4 77.1 115.7
 141 34.7 27.0 40.4



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

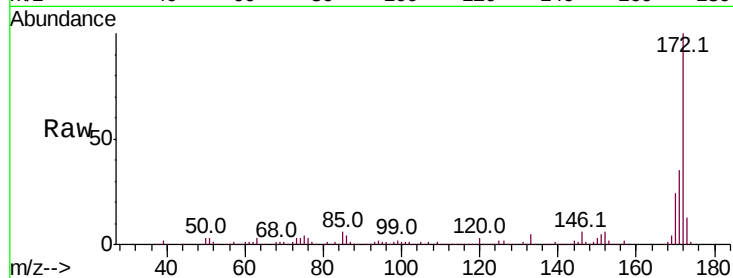




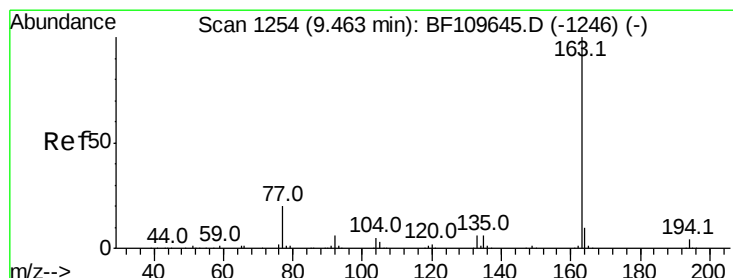
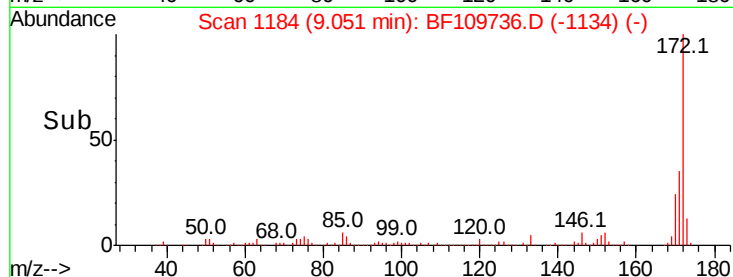
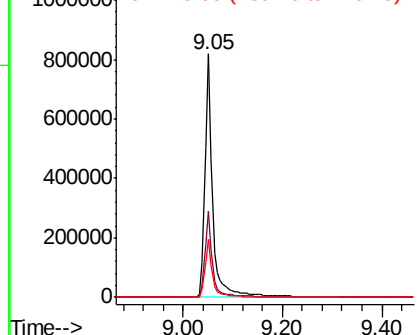
#44
 2-Fluorobiphenyl
 Concen: 107.123 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109736.D
 Acq: 10 Oct 2018 10:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 903925
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.6 43.0
 170 23.7 19.7 29.5

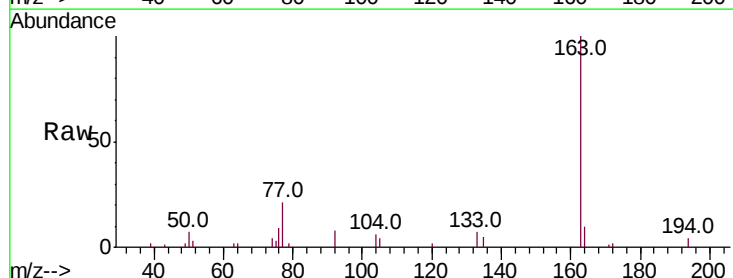


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

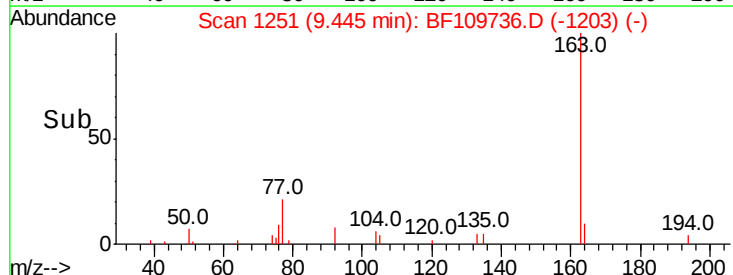
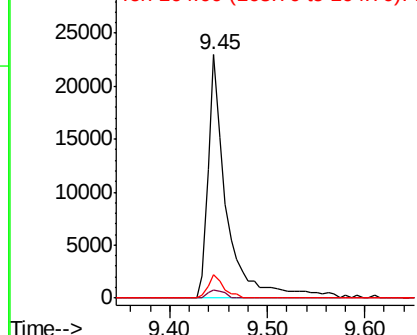


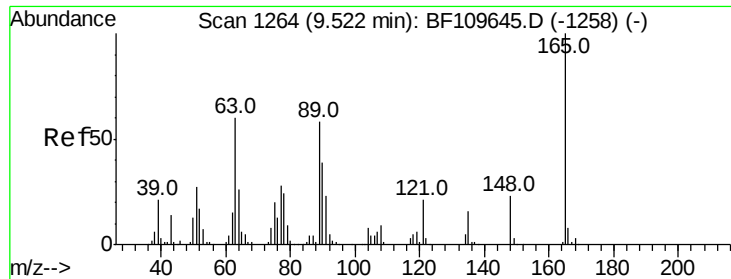
#49
 Dimethylphthalate
 Concen: 3.537 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. -0.02 min
 Lab File: BF109736.D
 Acq: 10 Oct 2018 10:27

Tgt Ion:163 Resp: 30151
 Ion Ratio Lower Upper
 163 100
 194 3.5 3.2 4.8
 164 9.6 8.1 12.1



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

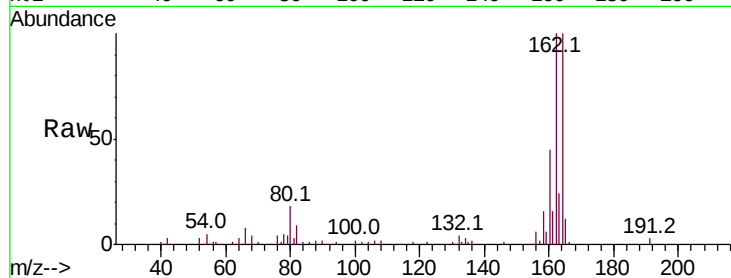




#50
 2,6-Dinitrotoluene
 Concen: 7.298 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. 0.20 min
 Lab File: BF109736.D
 Acq: 10 Oct 2018 10:27

Instrument :
 BNA_F
 ClientSampleId :

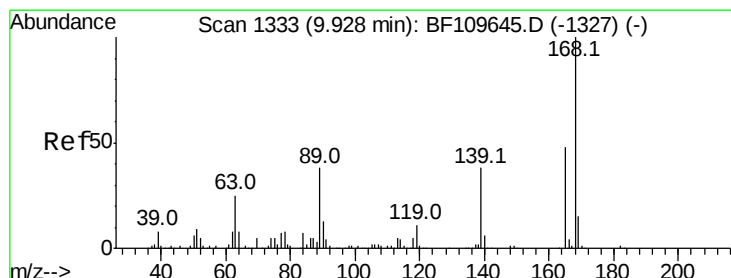
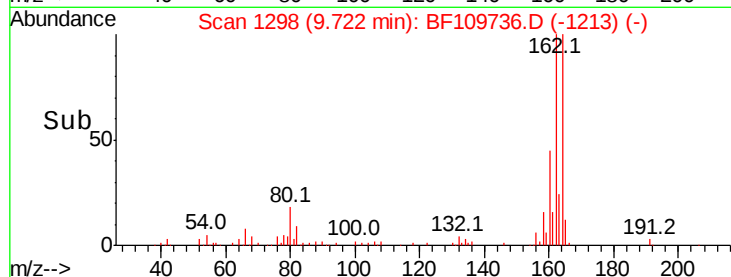
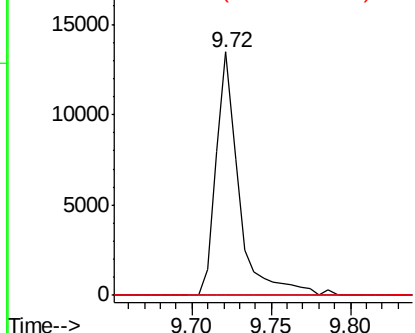
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.9	73.3#
89	0.0	46.6	69.8#



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



#56
 2,4-Dinitrotoluene
 Concen: 5.848 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.21 min
 Lab File: BF109736.D
 Acq: 10 Oct 2018 10:27

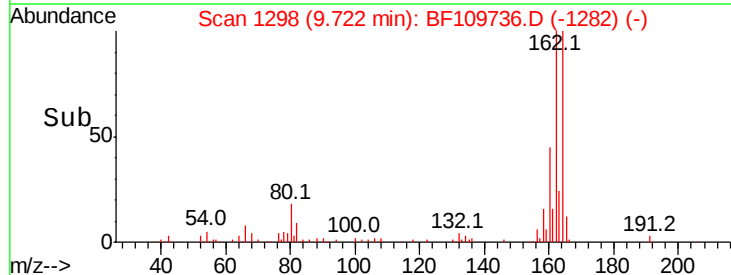
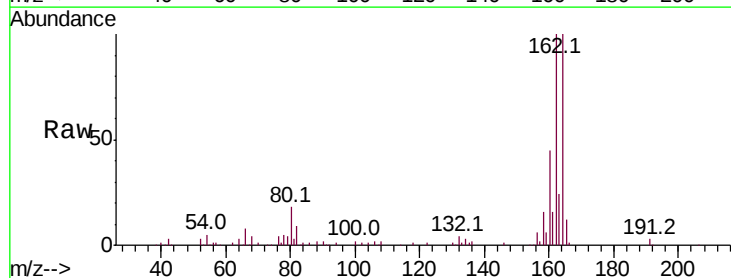
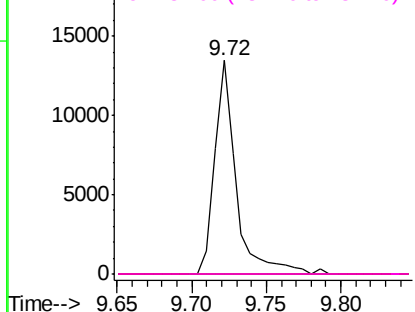
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	0.0	62.2	93.4#
182	0.0	2.1	3.1#

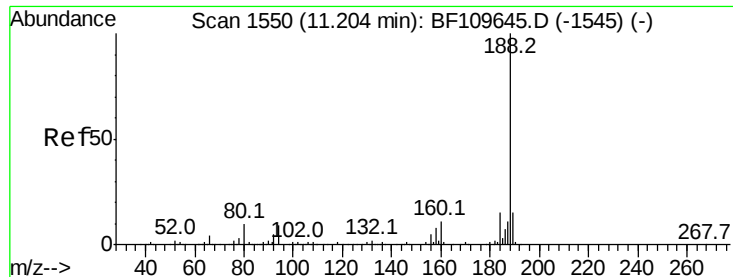
Abundance Ion 165.00 (164.70 to 165.70): E

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

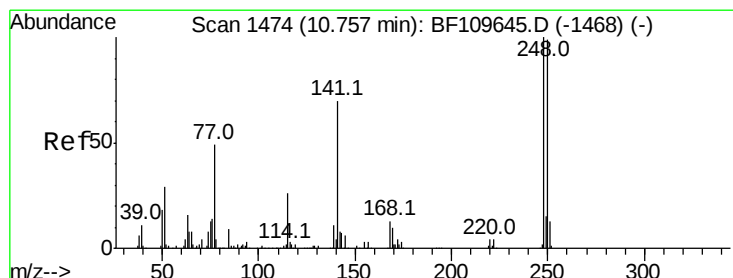
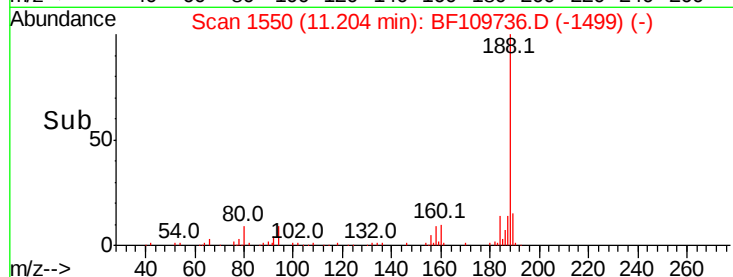
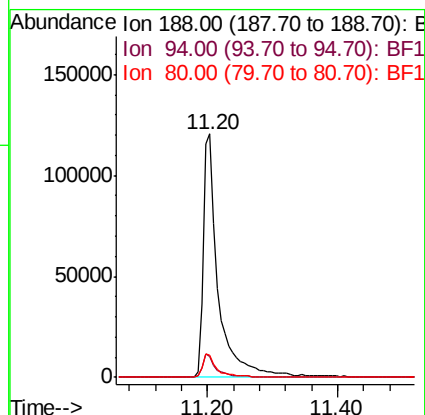
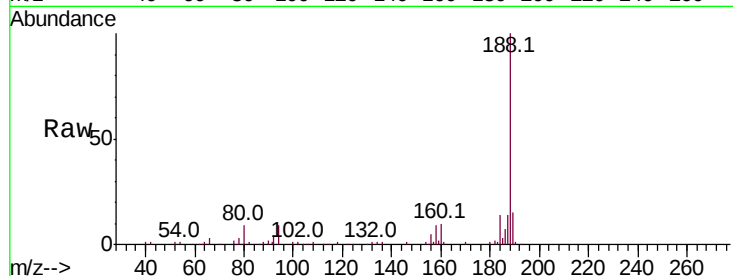




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.00 min
Lab File: BF109736.D
Acq: 10 Oct 2018 10:27

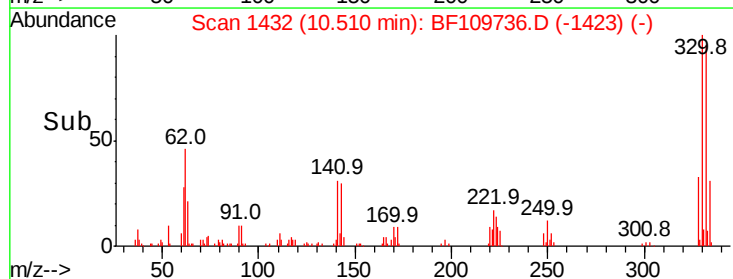
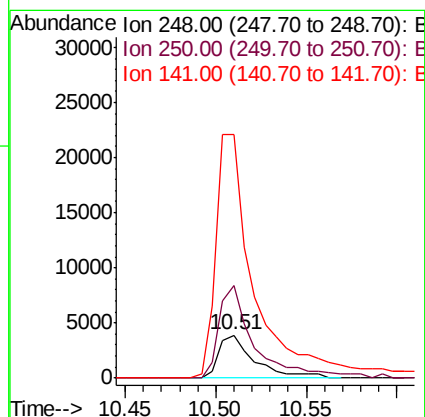
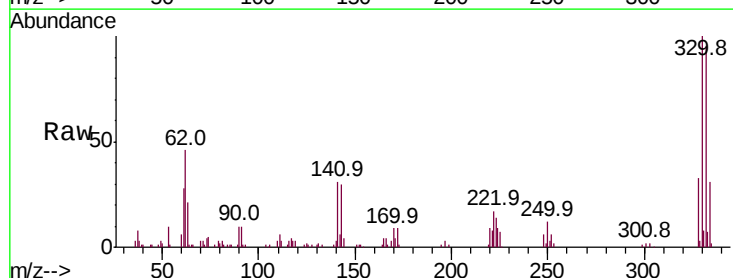
Instrument :
BNA_F
ClientSampleId :

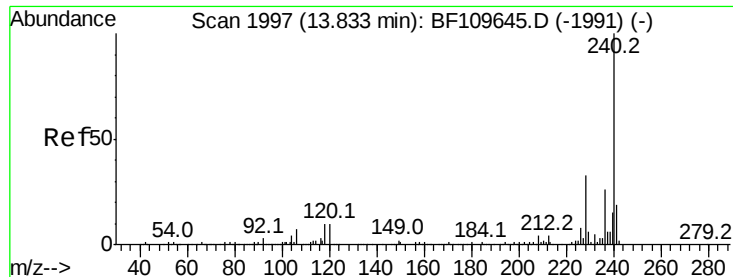
Tot Ion:188 Resp: 192519
Ion Ratio Lower Upper
188 100
94 8.7 7.2 10.8
80 8.9 7.9 11.9



#66
4-Bromophenyl-phenylether
Concen: 2.433 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.25 min
Lab File: BF109736.D
Acq: 10 Oct 2018 10:27

Tgt Ion:248 Resp: 5383
Ion Ratio Lower Upper
248 100
250 215.4 79.4 119.2#
141 563.3 55.9 83.9#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF109736.D

Acq: 10 Oct 2018 10:27

Instrument :

BNA_F

ClientSampleId :

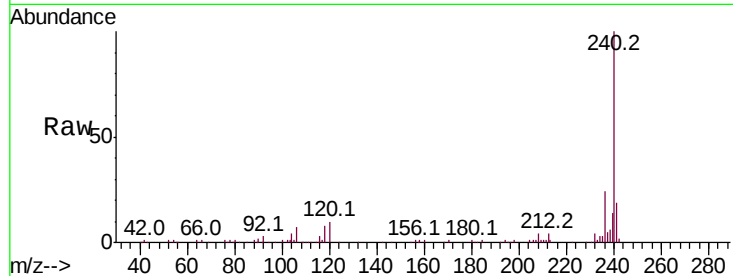
Tot Ion:240 Resp: 210981

Ion Ratio Lower Upper

240 100

120 9.9 8.3 12.5

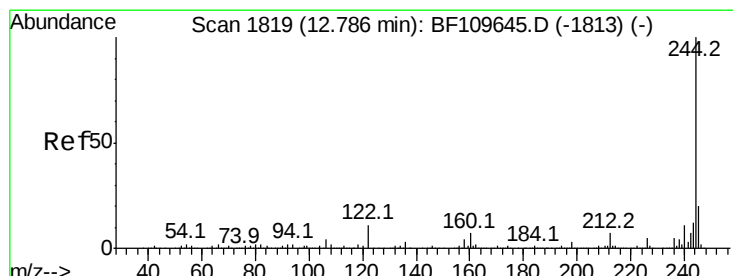
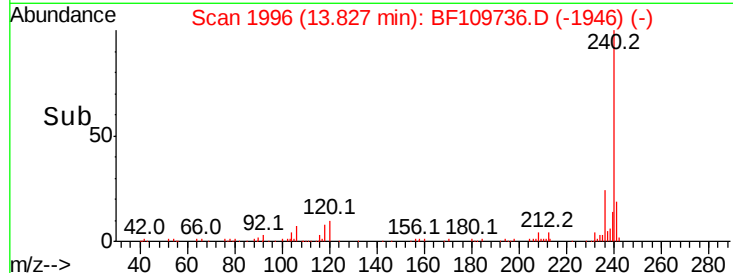
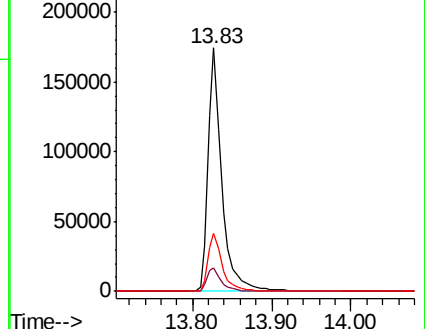
236 23.8 21.2 31.8



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: 73.794 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF109736.D

Acq: 10 Oct 2018 10:27

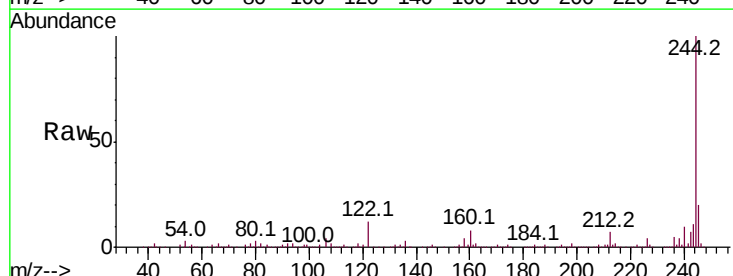
Tgt Ion:244 Resp: 804259

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

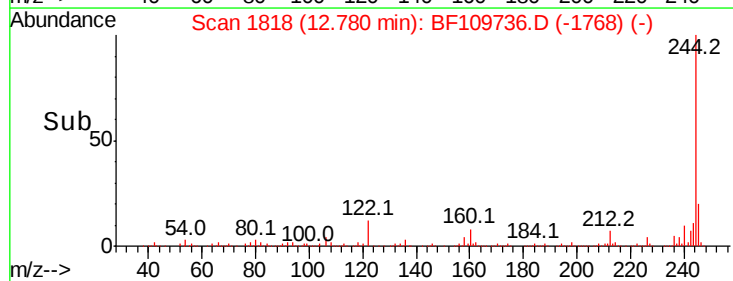
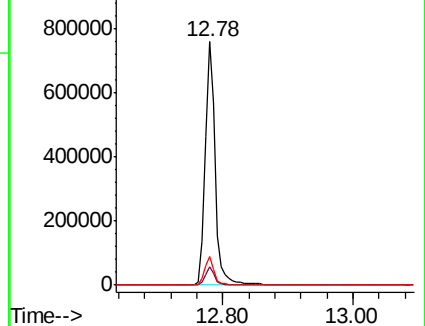
122 11.7 8.7 13.1

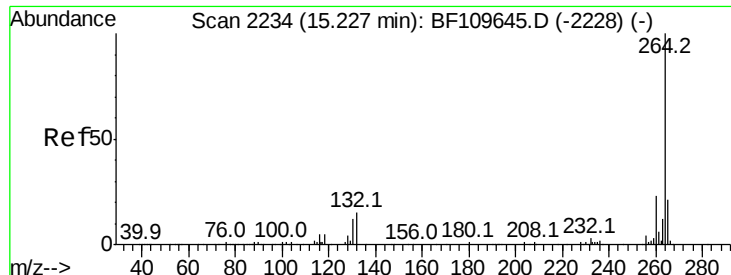


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.23 min Scan# 2234
 Delta R.T. -0.00 min
 Lab File: BF109736.D
 Acq: 10 Oct 2018 10:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264 Resp: 156432
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.7 28.1
 265 21.3 16.7 25.1

