

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101218\
 Data File : BF109833.D
 Acq On : 12 Oct 2018 15:04
 Operator : JU/SJ
 Sample : J5371-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 12 16:13:03 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	6.69	152	99846	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	429028	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	212384	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	446159	20.00	ng	0.00
75) Chrysene-d12	13.83	240	317179	20.00	ng	0.00
86) Perylene-d12	15.23	264	242285	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	215866	38.38	ng	0.00
7) Phenol-d6	6.34	99	219372	29.19	ng	-0.02
23) Nitrobenzene-d5	7.26	82	794952	102.14	ng	0.00
41) 2,4,6-Tribromophenol	10.51	330	228646	98.80	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	1467461	95.16	ng	0.00
78) Terphenyl-d14	12.79	244	1452438	88.65	ng	0.00

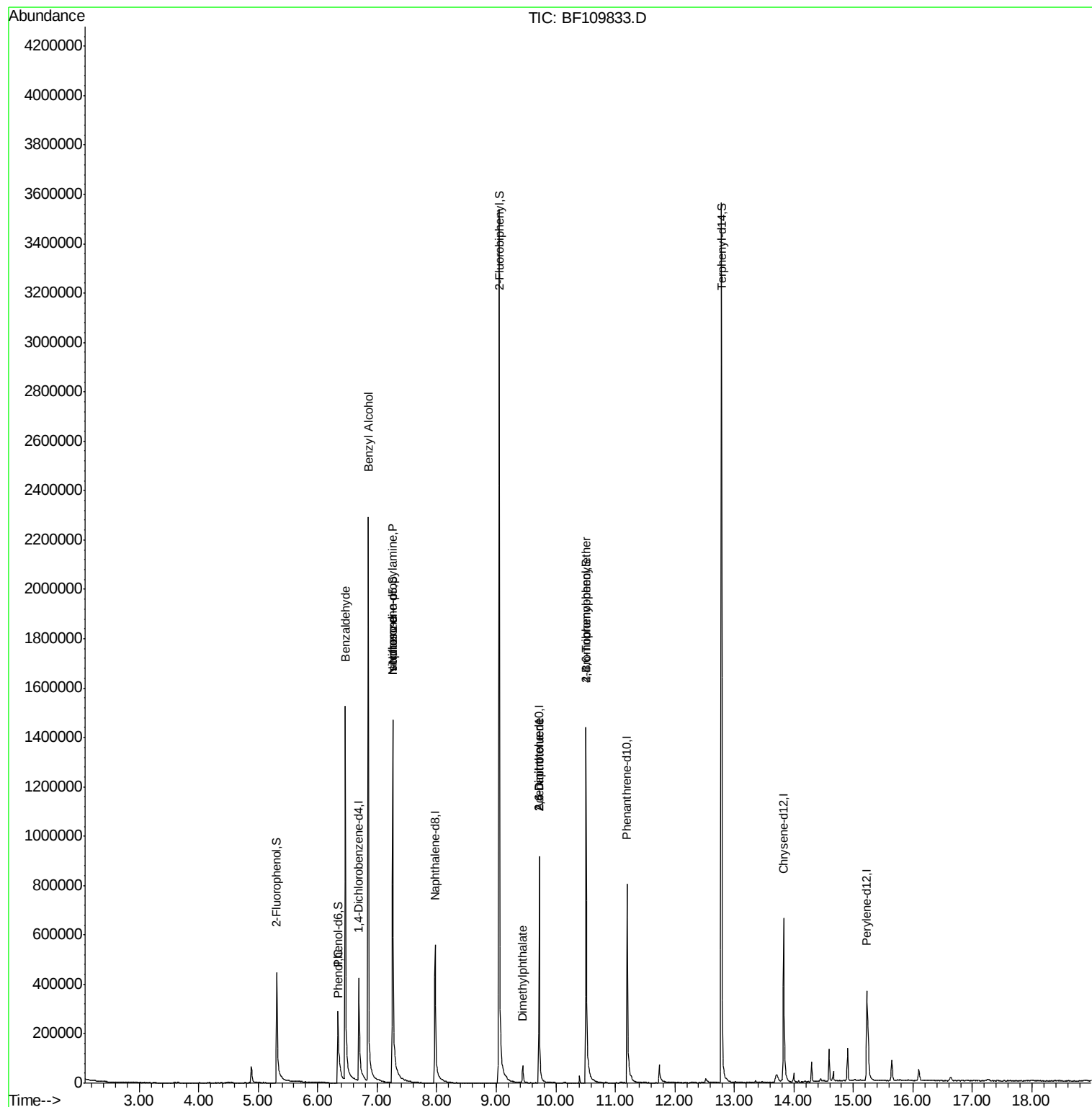
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.46	77	11221	2.321	ng	# 75
10) Phenol	6.36	94	19491	2.262	ng	# 82
15) Benzyl Alcohol	6.85	79	12172	2.185	ng	# 49
19) n-Nitroso-di-n-propylamine	7.26	70	103970	19.730	ng	# 77
25) Isophorone	7.26	82	794999	61.512	ng	# 67
49) Dimethylphthalate	9.45	163	40820	2.621	ng	# 99
50) 2,6-Dinitrotoluene	9.72	165	26079	7.724	ng	# 23
56) 2,4-Dinitrotoluene	9.72	165	26080	6.189	ng	# 19
66) 4-Bromophenyl-phenylether	10.51	248	13791	2.690	ng	# 1

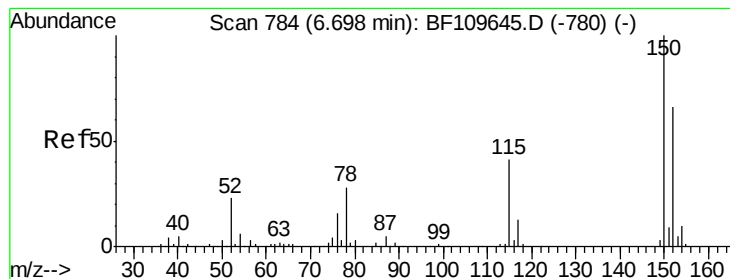
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101218\
Data File : BF109833.D
Acq On : 12 Oct 2018 15:04
Operator : JU/SJ
Sample : J5371-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 12 16:13:03 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



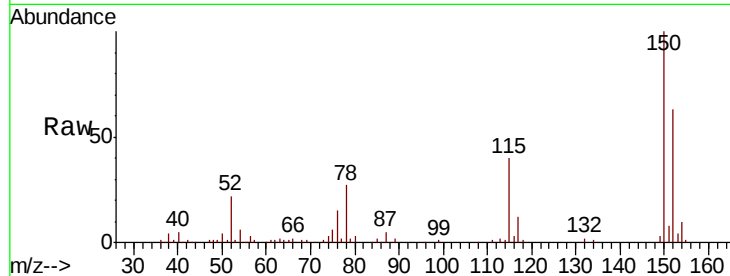


#1

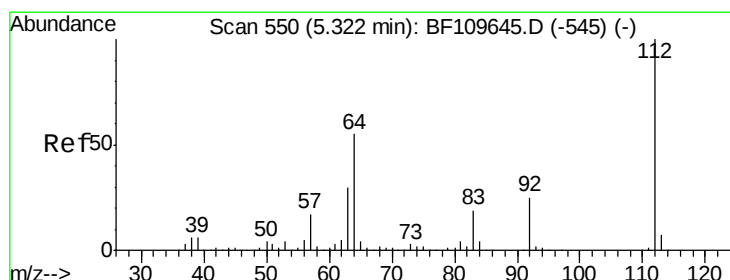
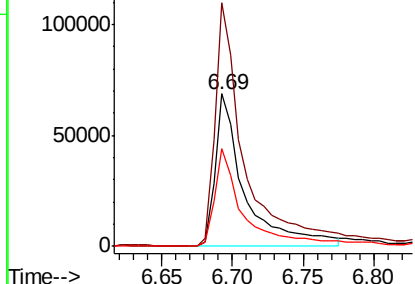
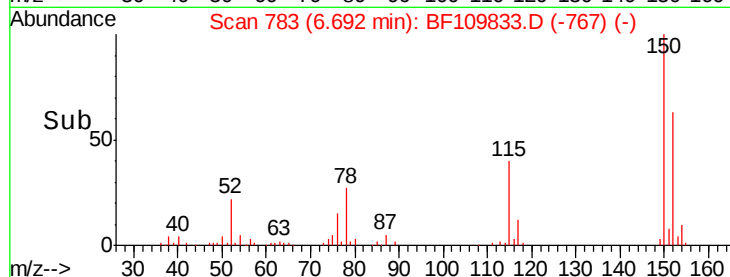
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF109833.D
Acq: 12 Oct 2018 15:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 99846
Ion Ratio Lower Upper
152 100
150 159.9 122.7 184.1
115 64.2 49.1 73.7



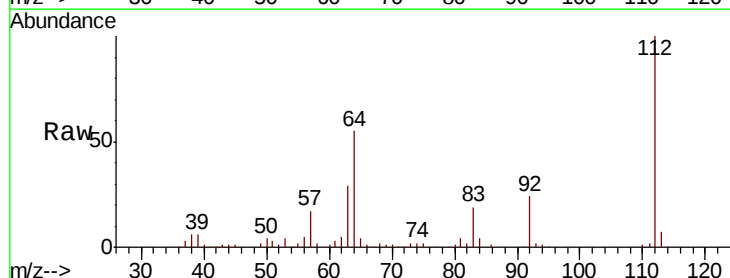
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



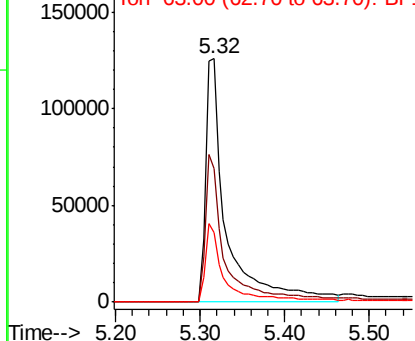
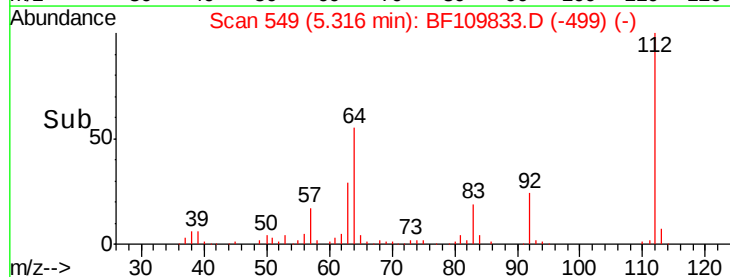
#5

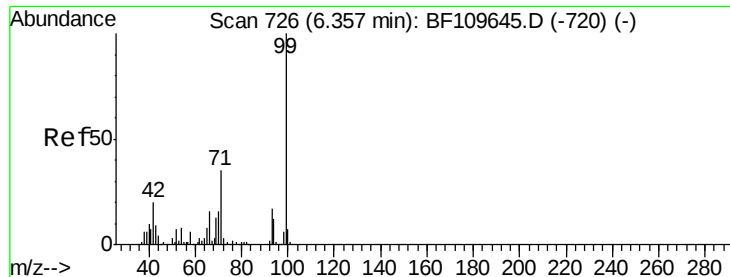
2-Fluorophenol
Concen: 38.376 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF109833.D
Acq: 12 Oct 2018 15:04

Tgt Ion:112 Resp: 215866
Ion Ratio Lower Upper
112 100
64 54.7 44.1 66.1
63 28.8 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: 29.194 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109833.D

Acq: 12 Oct 2018 15:04

Instrument :

BNA_F

ClientSampled :

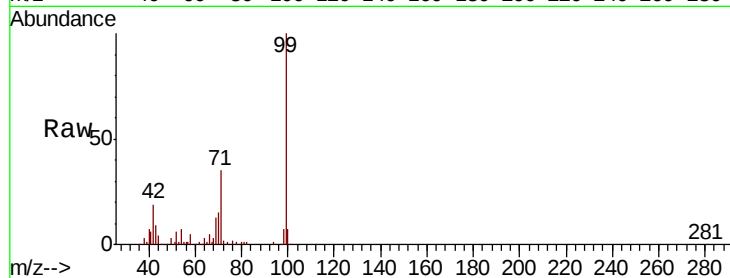
Tot Ion: 99 Resp: 219372

Ion Ratio Lower Upper

99 100

42 19.0 15.8 23.6

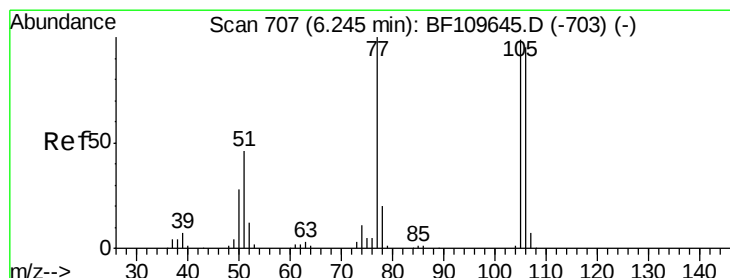
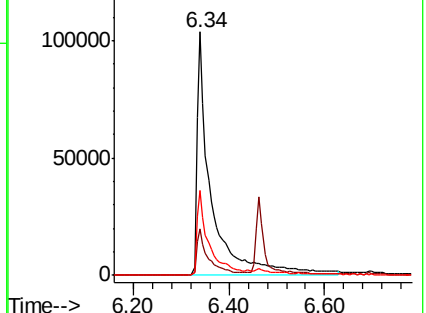
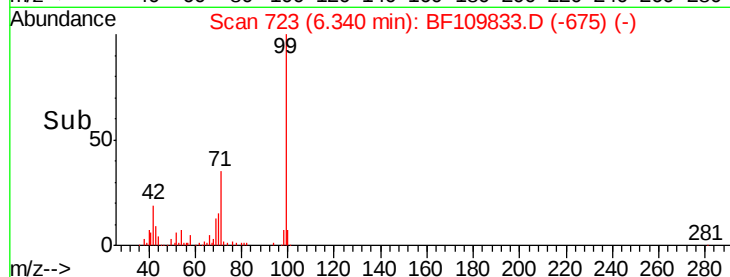
71 35.1 28.0 42.0



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: 2.321 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.22 min

Lab File: BF109833.D

Acq: 12 Oct 2018 15:04

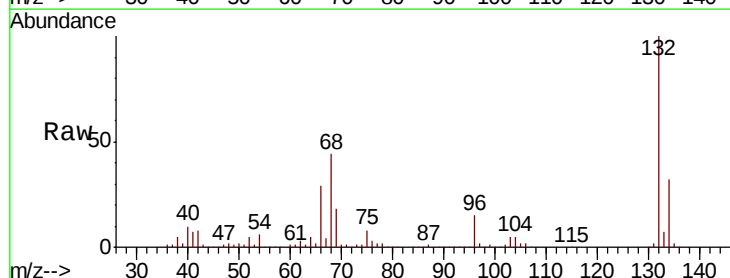
Tgt Ion: 77 Resp: 11221

Ion Ratio Lower Upper

77 100

105 79.8 78.6 118.6

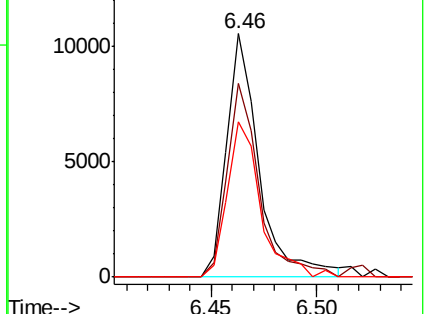
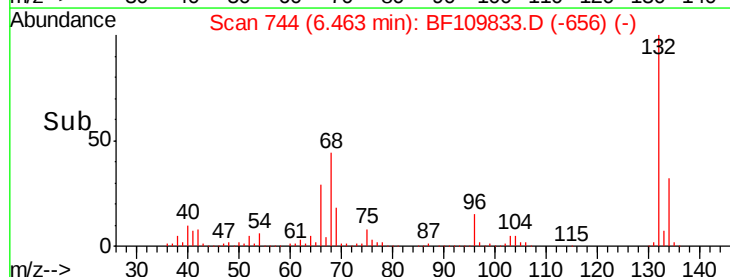
106 63.9 74.8 114.8#

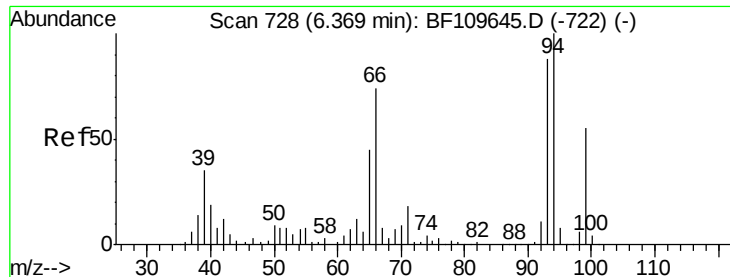


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

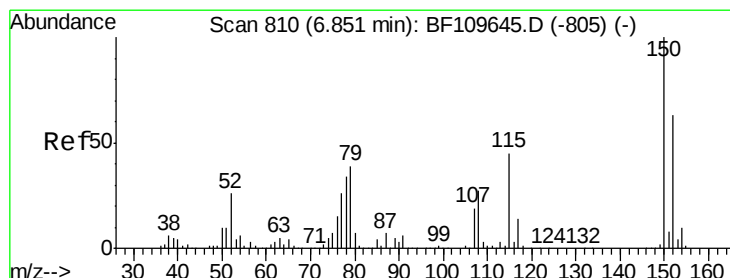
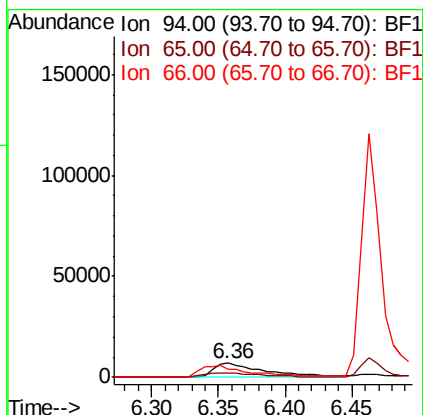
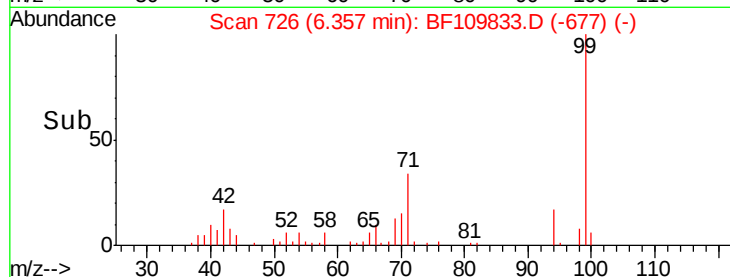
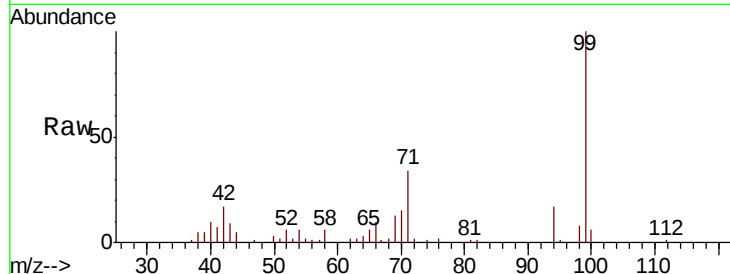




#10
Phenol
Concen: 2.262 ng
RT: 6.36 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF109833.D
Acq: 12 Oct 2018 15:04

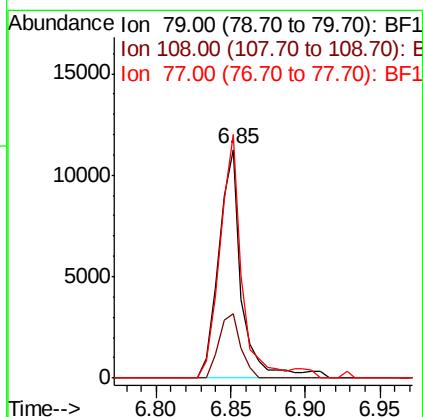
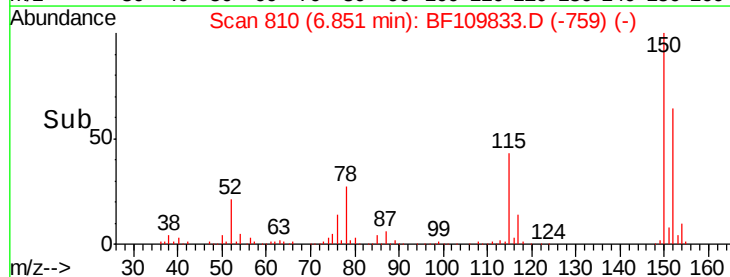
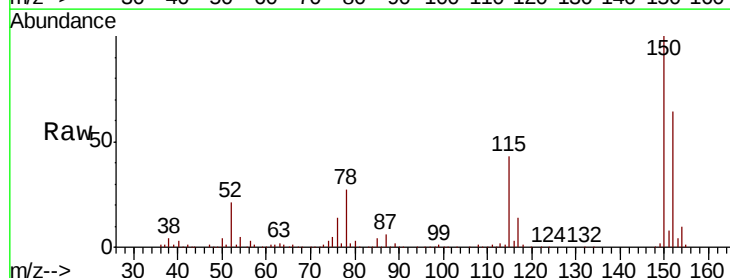
Instrument :
BNA_F
ClientSampleId :

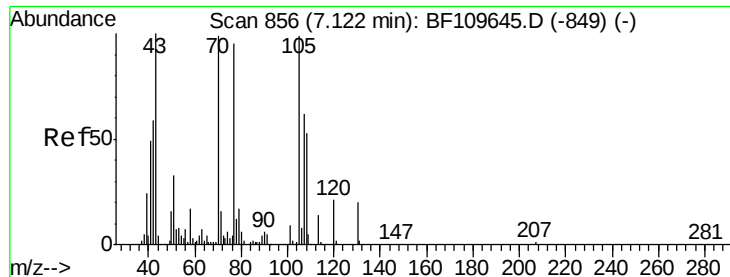
Tot Ion: 94 Resp: 19491
Ion Ratio Lower Upper
94 100
65 33.8 25.3 65.3
66 59.7 54.5 94.5



#15
Benzyl Alcohol
Concen: 2.185 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF109833.D
Acq: 12 Oct 2018 15:04

Tgt Ion: 79 Resp: 12172
Ion Ratio Lower Upper
79 100
108 28.0 56.3 84.5#
77 106.5 52.9 79.3#

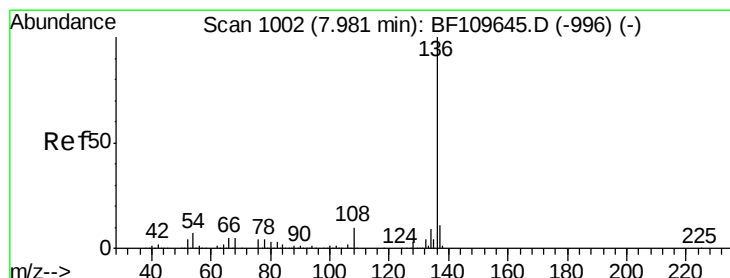
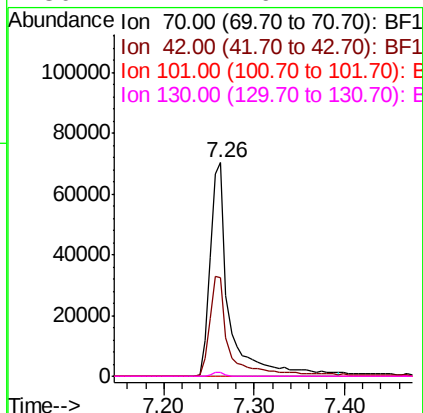
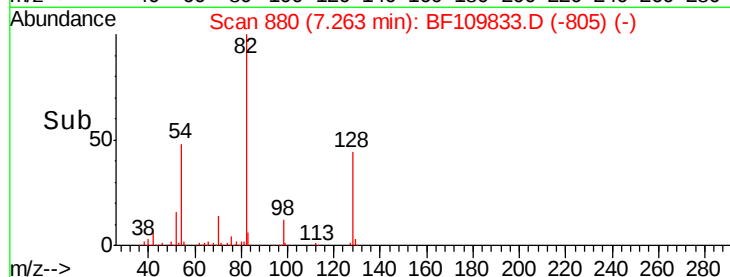
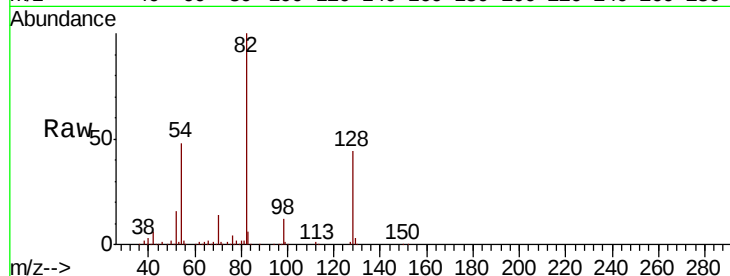




#19
n-Nitroso-di-n-propylamine
Concen: 19.730 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.14 min
Lab File: BF109833.D
Acq: 12 Oct 2018 15:04

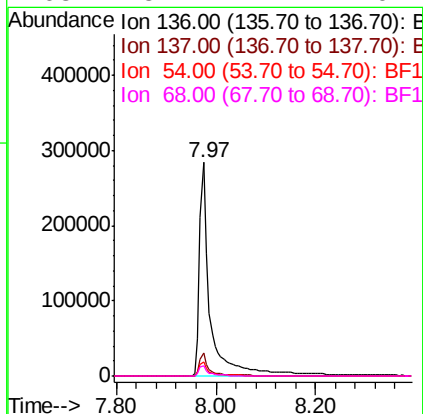
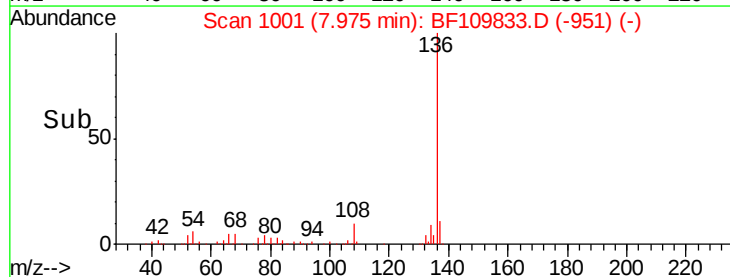
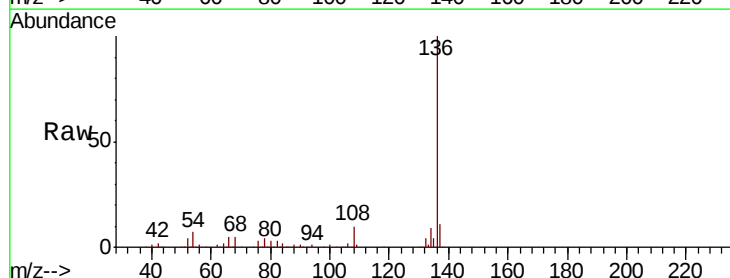
Instrument :
BNA_F
ClientSampleId :

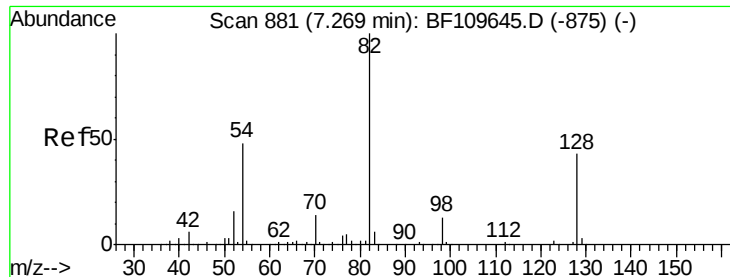
Tot Ion: 70 Resp: 103970
Ion Ratio Lower Upper
70 100
42 46.2 47.4 71.2#
101 0.0 7.3 10.9#
130 2.1 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109833.D
Acq: 12 Oct 2018 15:04

Tgt Ion:136 Resp: 429028
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 6.5 5.4 8.2
68 5.1 4.2 6.2

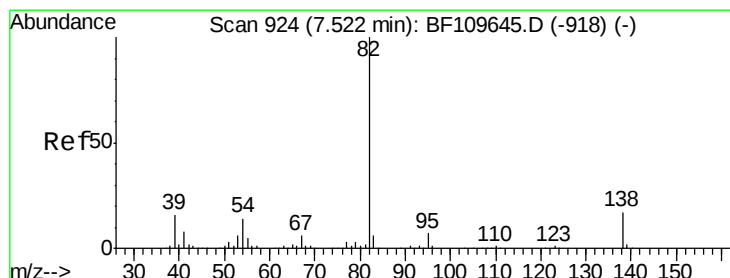
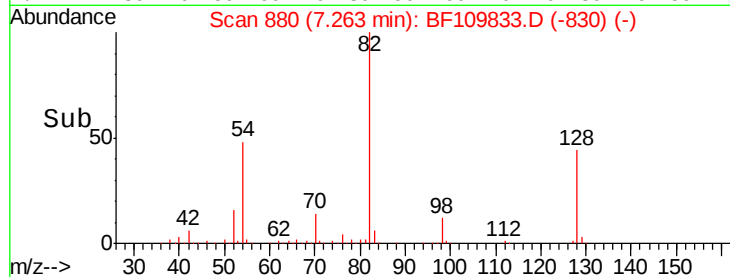
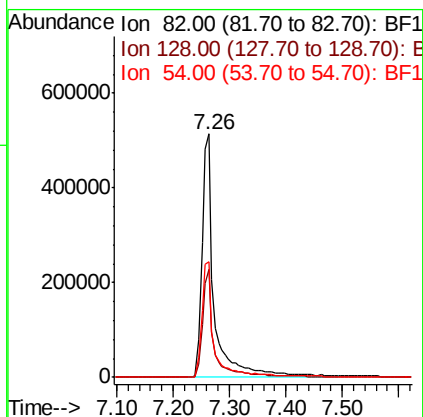
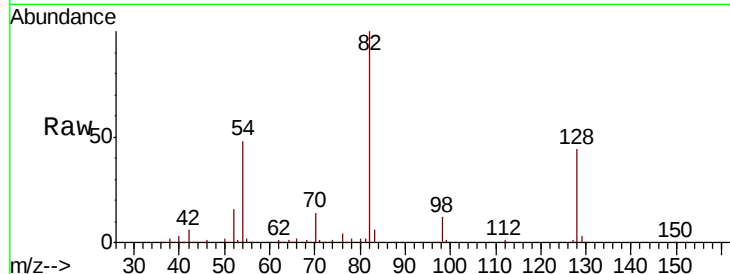




#23
Nitrobenzene-d5
Concen: 102.139 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF109833.D
Acq: 12 Oct 2018 15:04

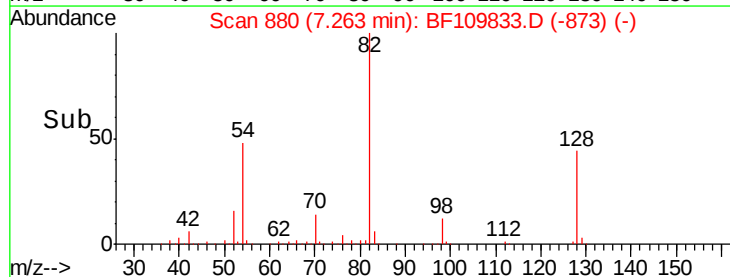
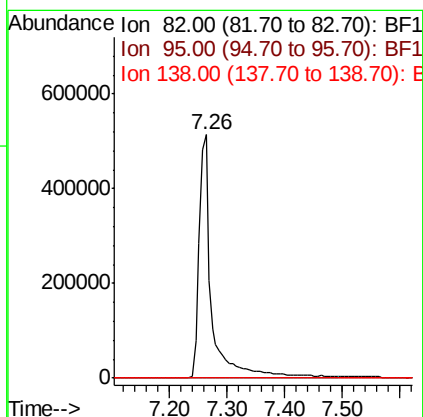
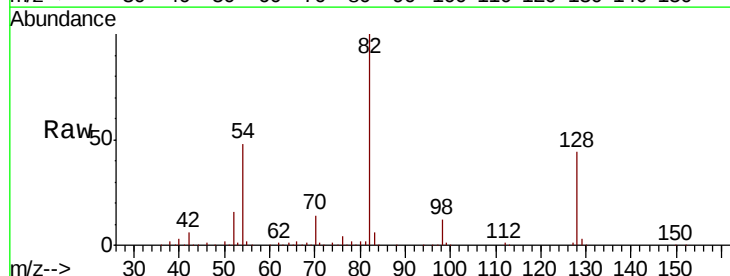
Instrument :
BNA_F
ClientSampleId :

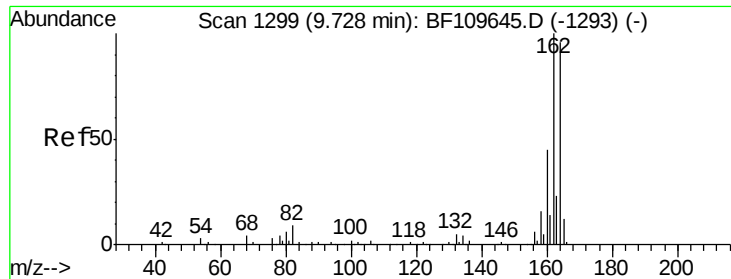
Tot Ion	Ratio	Lower	Upper
82	100		
128	44.4	34.2	51.2
54	47.7	38.6	58.0



#25
Isophorone
Concen: 61.512 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.26 min
Lab File: BF109833.D
Acq: 12 Oct 2018 15:04

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

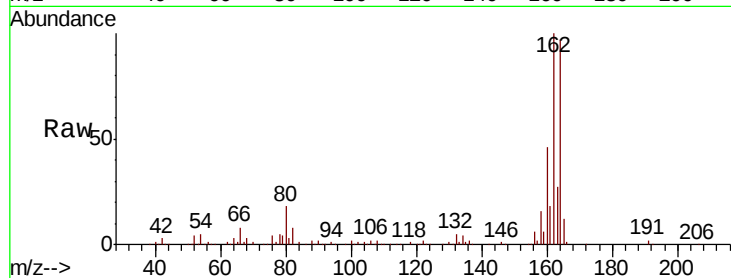




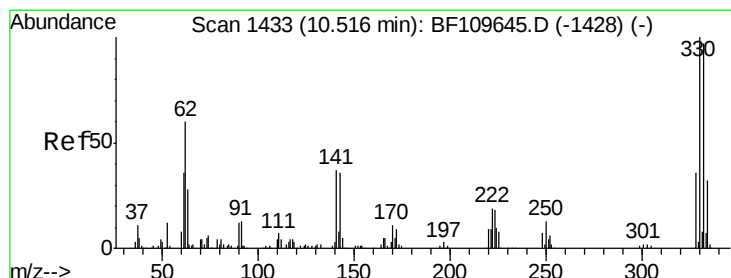
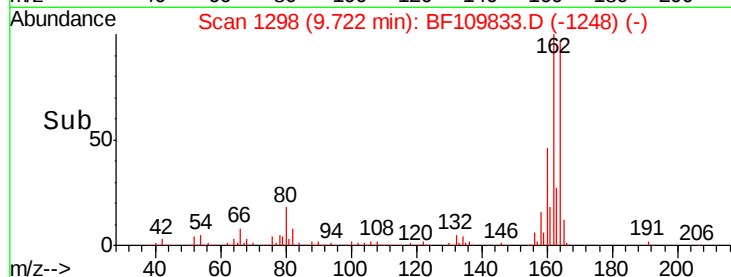
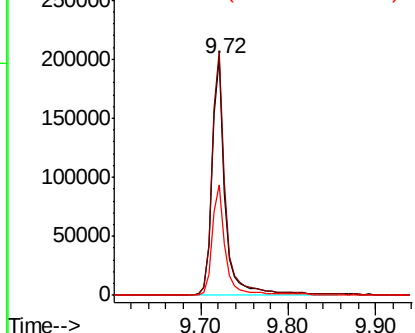
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF109833.D
 Acq: 12 Oct 2018 15:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 212384
 Ion Ratio Lower Upper
 164 100
 162 102.8 83.0 124.6
 160 46.8 37.0 55.6

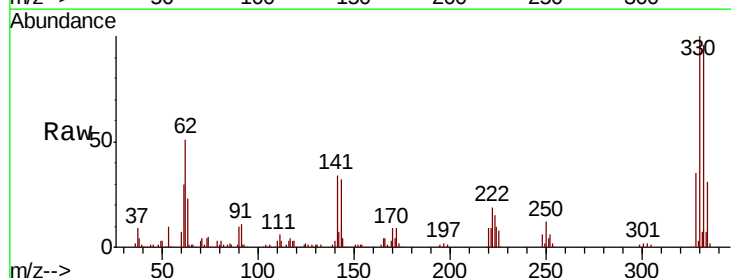


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

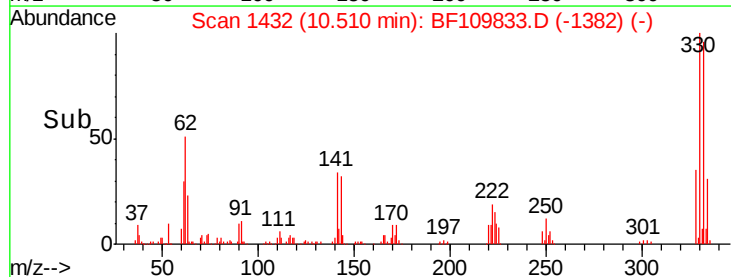
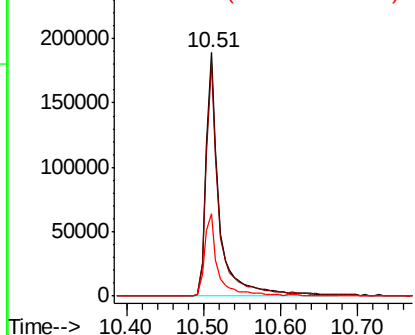


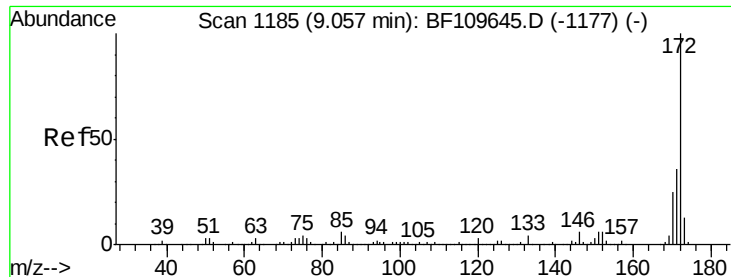
#41
 2,4,6-Tribromophenol
 Concen: 98.803 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109833.D
 Acq: 12 Oct 2018 15:04

Tgt Ion:330 Resp: 228646
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.1 115.7
 141 35.2 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

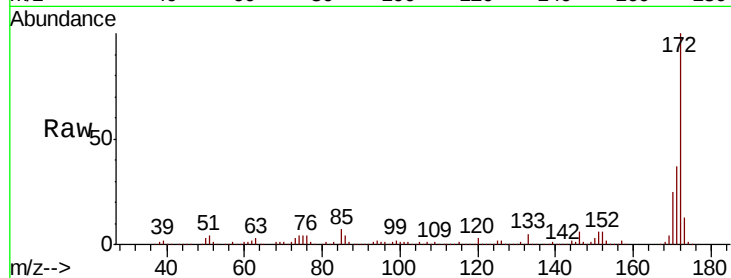




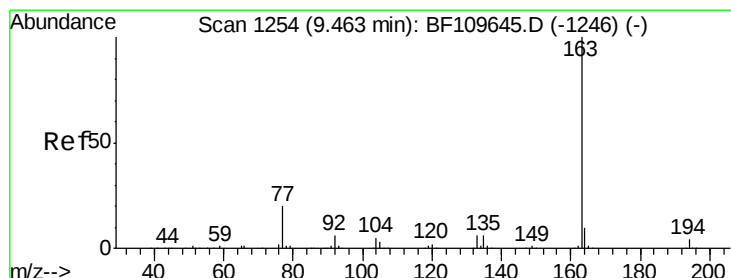
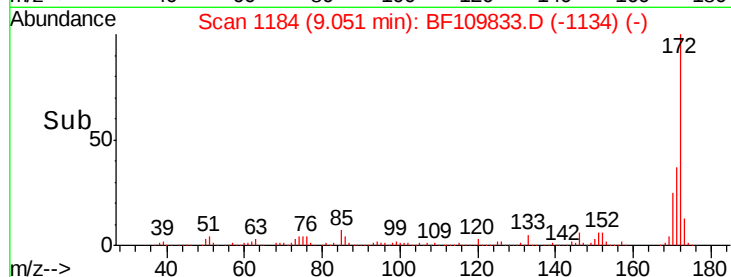
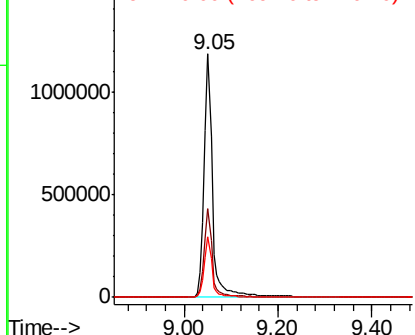
#44
2-Fluorobiphenyl
Concen: 95.161 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF109833.D
Acq: 12 Oct 2018 15:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1467461
Ion Ratio Lower Upper
172 100
171 36.6 28.6 43.0
170 24.7 19.7 29.5

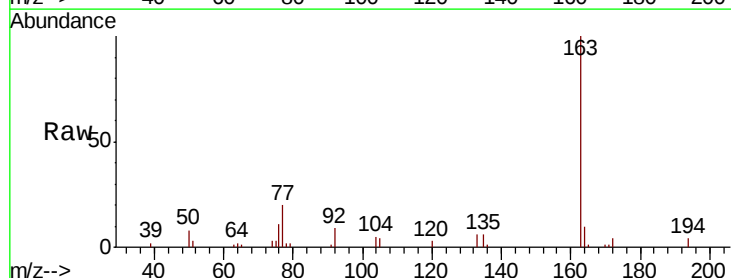


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

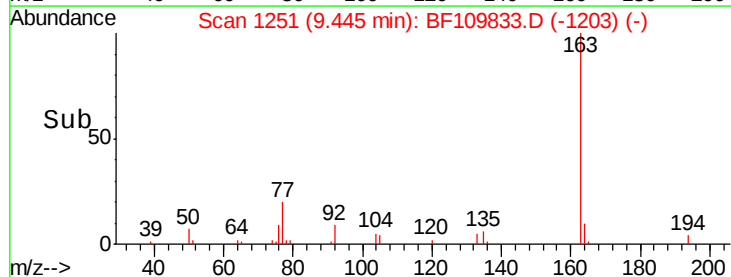
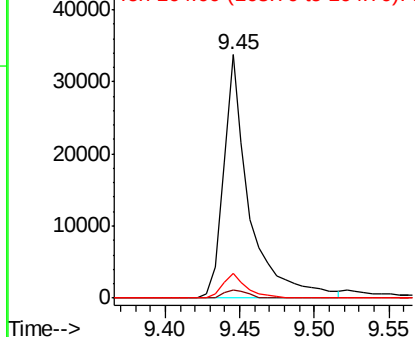


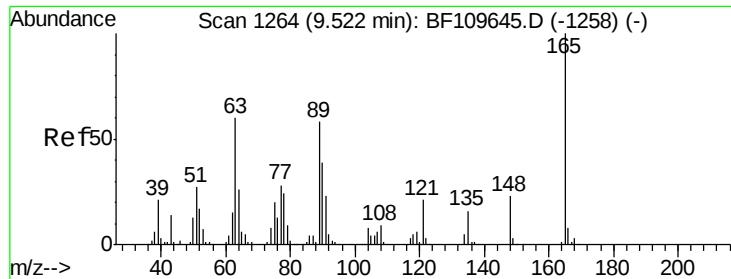
#49
Dimethylphthalate
Concen: 2.621 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF109833.D
Acq: 12 Oct 2018 15:04

Tgt Ion:163 Resp: 40820
Ion Ratio Lower Upper
163 100
194 3.5 3.2 4.8
164 10.3 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

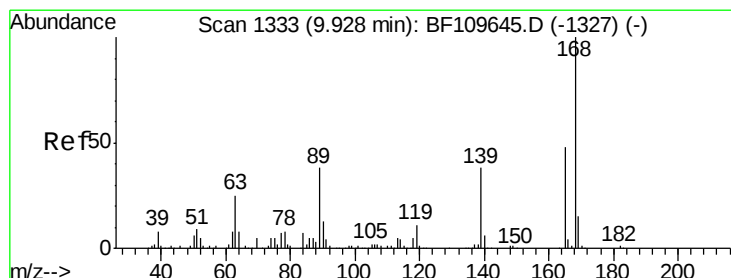
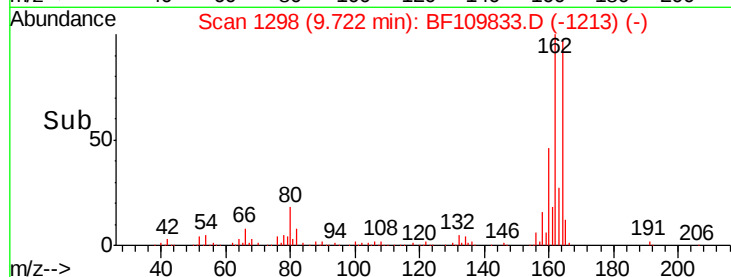
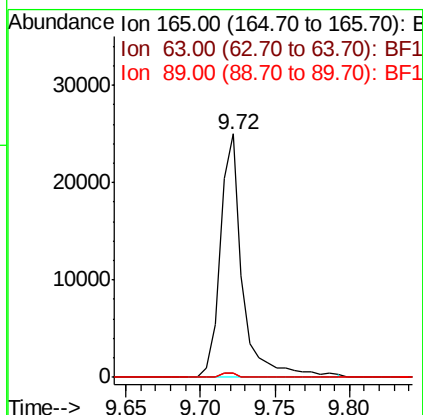
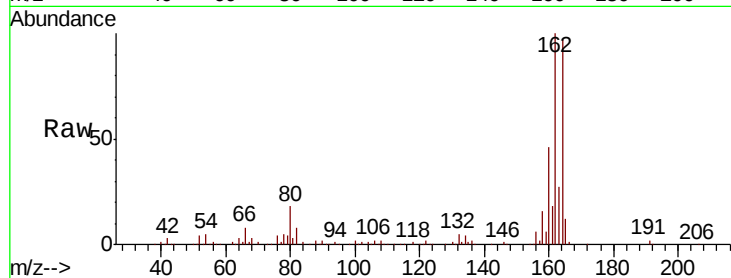




#50
 2,6-Dinitrotoluene
 Concen: 7.724 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. 0.20 min
 Lab File: BF109833.D
 Acq: 12 Oct 2018 15:04

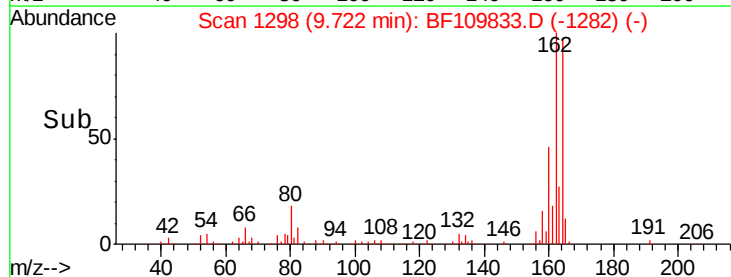
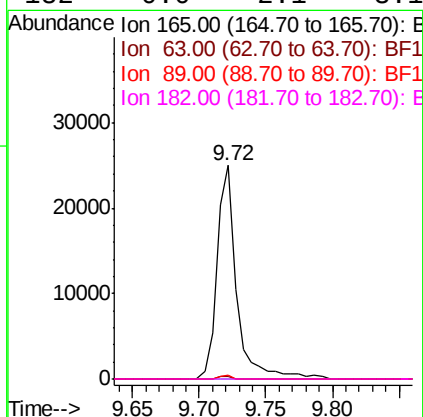
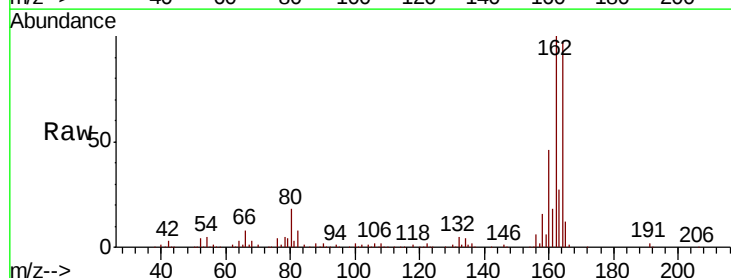
Instrument :
 BNA_F
 ClientSampleId :

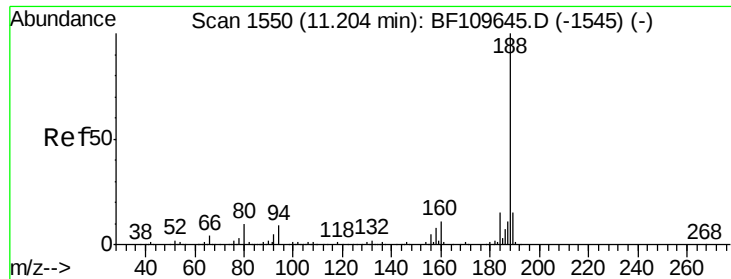
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	48.9	73.3#
89	1.9	46.6	69.8#



#56
 2,4-Dinitrotoluene
 Concen: 6.189 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.21 min
 Lab File: BF109833.D
 Acq: 12 Oct 2018 15:04

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.8	67.2#
89	1.9	62.2	93.4#
182	0.0	2.1	3.1#

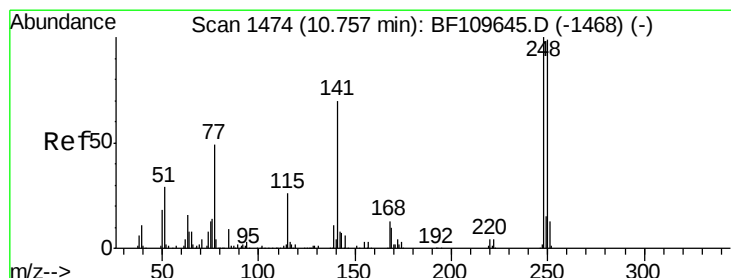
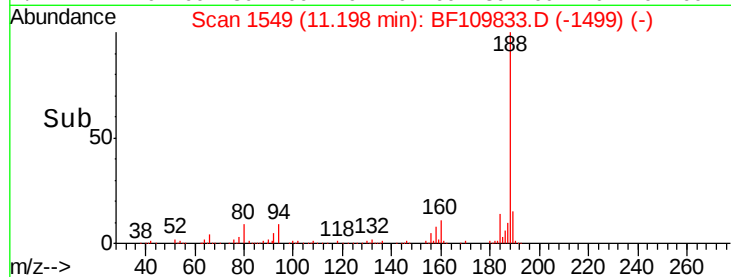
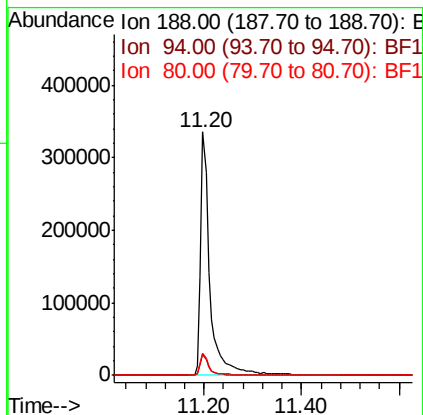
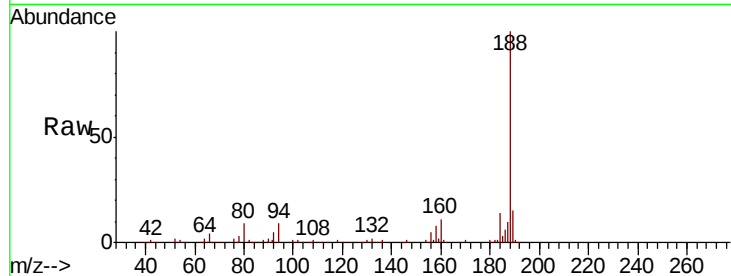




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF109833.D
Acq: 12 Oct 2018 15:04

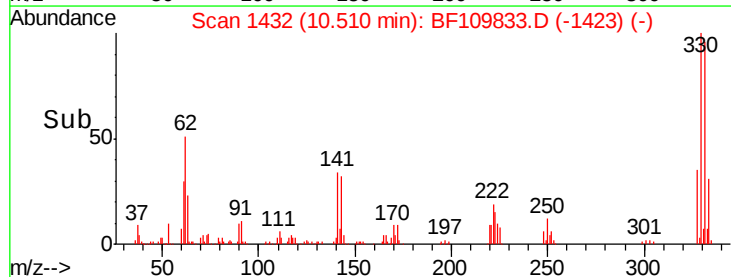
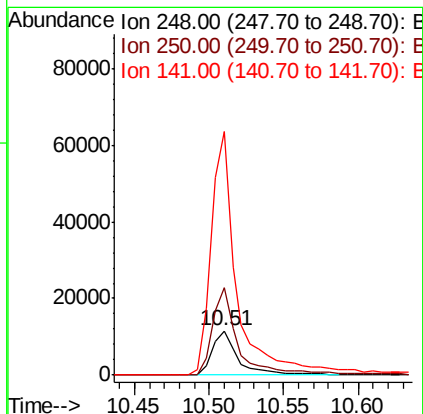
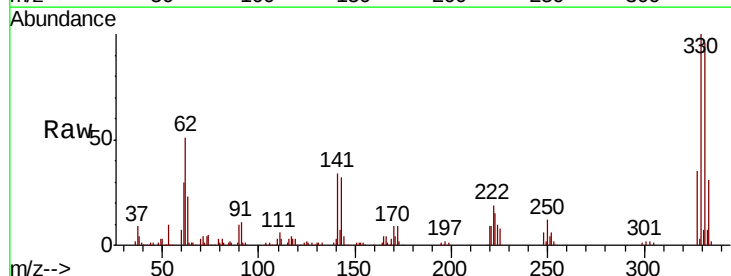
Instrument :
BNA_F
ClientSampleId :

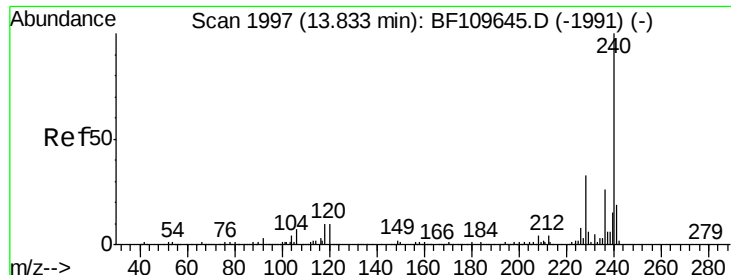
Tot Ion:188 Resp: 446159
Ion Ratio Lower Upper
188 100
94 8.7 7.2 10.8
80 9.1 7.9 11.9



#66
4-Bromophenyl-phenylether
Concen: 2.690 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.25 min
Lab File: BF109833.D
Acq: 12 Oct 2018 15:04

Tgt Ion:248 Resp: 13791
Ion Ratio Lower Upper
248 100
250 198.6 79.4 119.2#
141 551.0 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: BF109833.D

Acq: 12 Oct 2018 15:04

Instrument :

BNA_F

ClientSampleId :

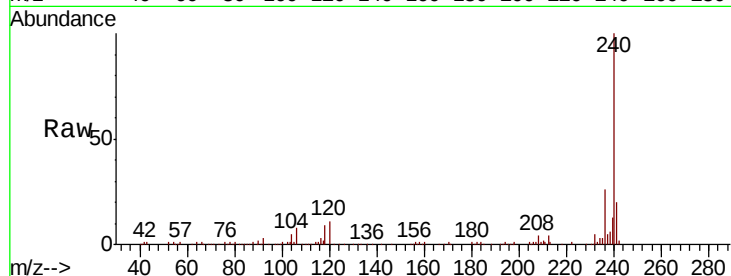
Tot Ion:240 Resp: 317179

Ion Ratio Lower Upper

240 100

120 11.2 8.3 12.5

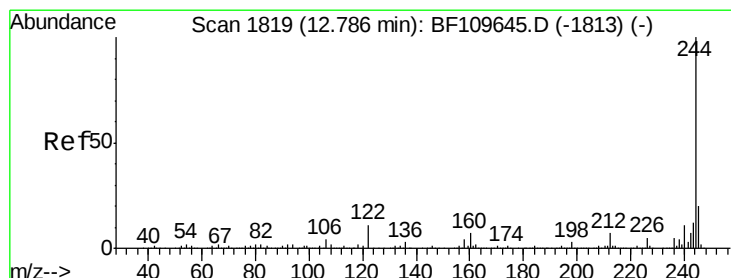
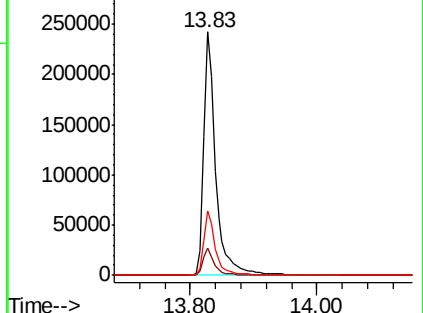
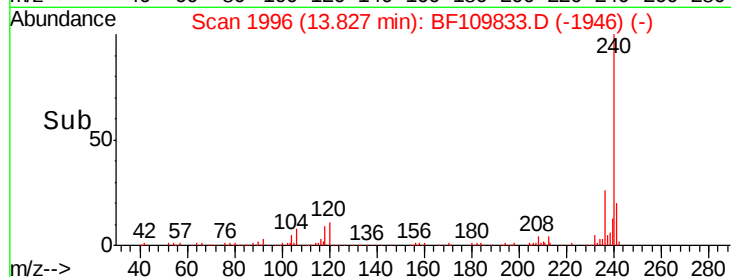
236 26.3 21.2 31.8



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: 88.647 ng

RT: 12.79 min Scan# 1819

Delta R.T. 0.00 min

Lab File: BF109833.D

Acq: 12 Oct 2018 15:04

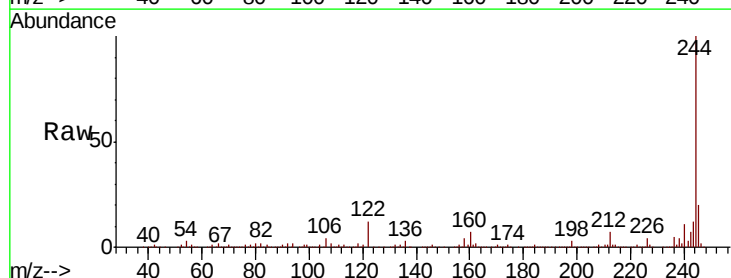
Tgt Ion:244 Resp: 1452438

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

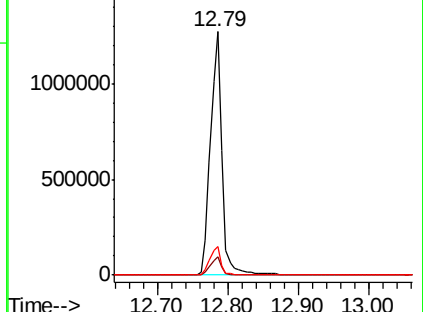
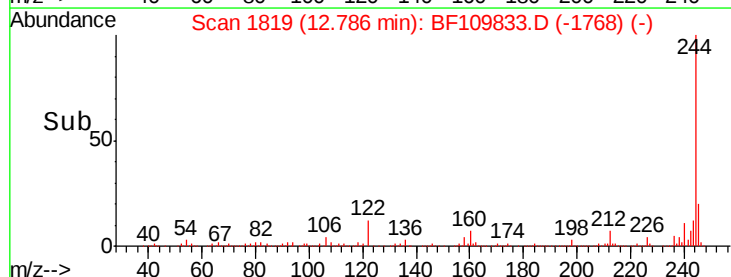
122 11.8 8.7 13.1

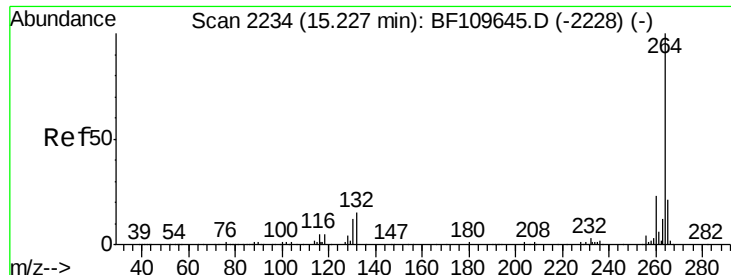


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

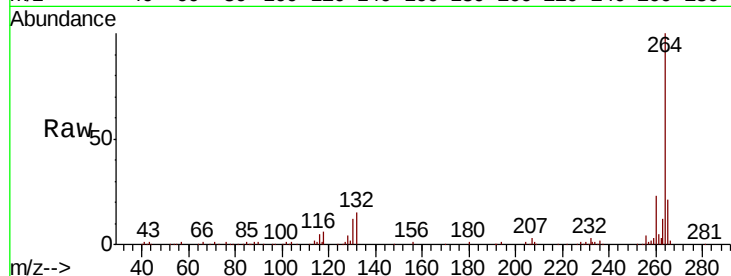




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. 0.00 min
Lab File: BF109833.D
Acq: 12 Oct 2018 15:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	21.5	16.7	25.1



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

