

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101018\
 Data File : BF109778.D
 Acq On : 11 Oct 2018 8:34
 Operator : JU/SJ
 Sample : J5299-07
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 11 11:06:23 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

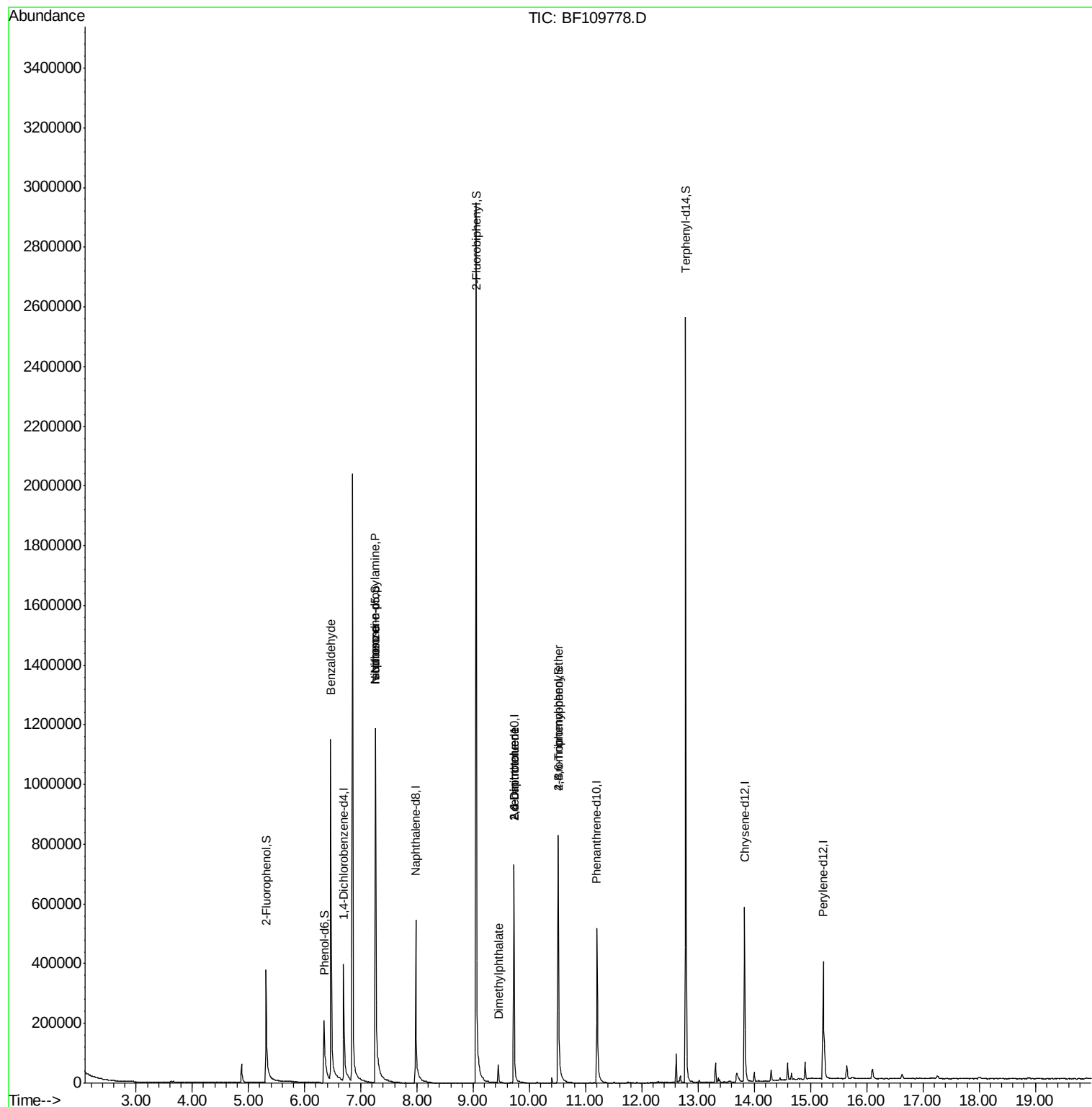
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	88325	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	360257	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	164940	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	299000	20.00	ng	0.00
75) Chrysene-d12	13.83	240	255284	20.00	ng	0.00
86) Perylene-d12	15.23	264	228282	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	191136	38.41	ng	0.00
7) Phenol-d6	6.35	99	178666	26.88	ng	-0.01
23) Nitrobenzene-d5	7.26	82	646005	98.85	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	146883	81.73	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	1135033	94.78	ng	0.00
78) Terphenyl-d14	12.78	244	1005972	76.28	ng	0.00
Target Compounds						
9) Benzaldehyde	6.46	77	9613	2.247	ng	# 76
19) n-Nitroso-di-n-propylamine	7.26	70	84704	18.171	ng	# 78
25) Isophorone	7.26	82	651052	59.991	ng	# 67
49) Dimethylphthalate	9.45	163	36709	3.035	ng	# 99
50) 2,6-Dinitrotoluene	9.72	165	20572	7.845	ng	# 23
56) 2,4-Dinitrotoluene	9.72	165	20573	6.287	ng	# 19
66) 4-Bromophenyl-phenylether	10.51	248	8509	2.477	ng	# 1

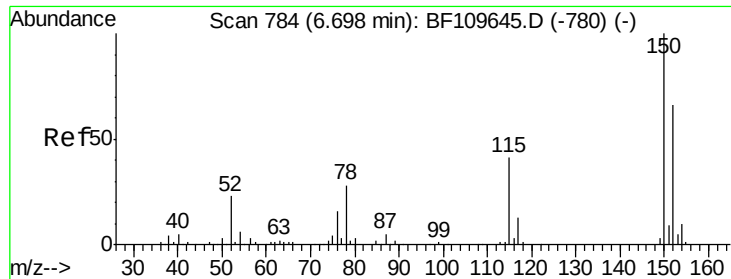
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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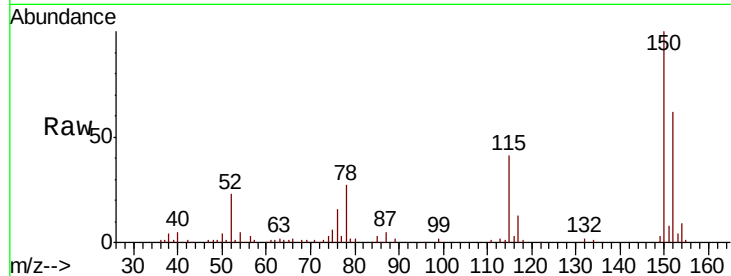


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF109778.D
Acq: 11 Oct 2018 8:34

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.9	122.7	184.1
115	65.6	49.1	73.7

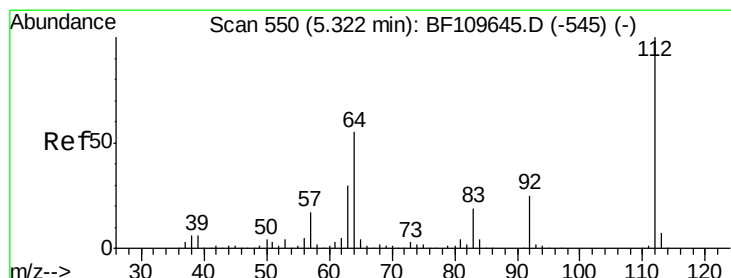
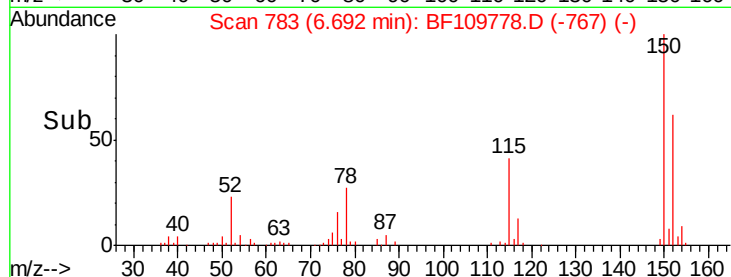
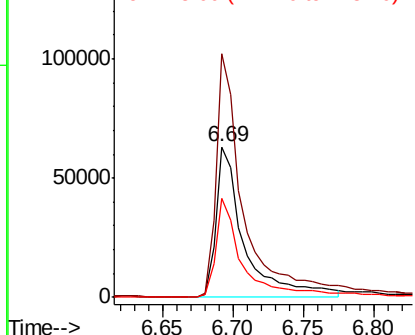


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

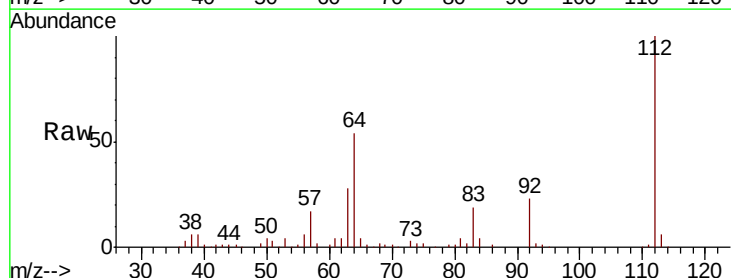
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 38.412 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.01 min
Lab File: BF109778.D
Acq: 11 Oct 2018 8:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.3	44.1	66.1
63	28.3	23.7	35.5

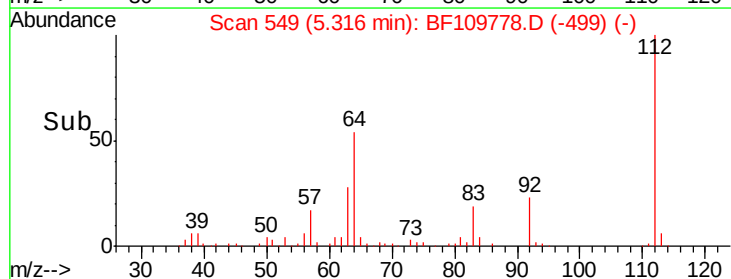
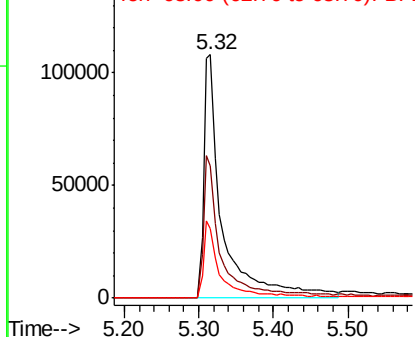


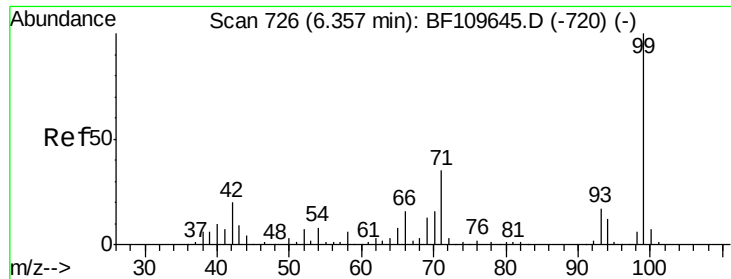
Abundance

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: 26.878 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109778.D

Acq: 11 Oct 2018 8:34

Instrument :

BNA_F

ClientSampled :

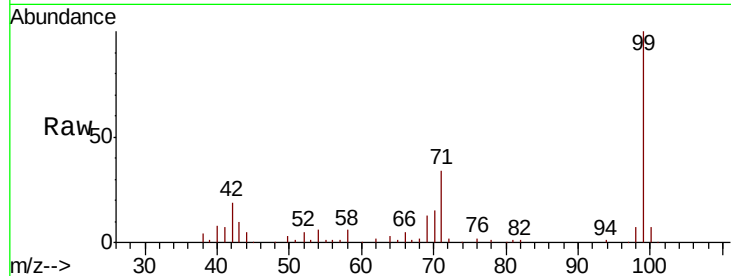
Tot Ion: 99 Resp: 178666

Ion Ratio Lower Upper

99 100

42 18.9 15.8 23.6

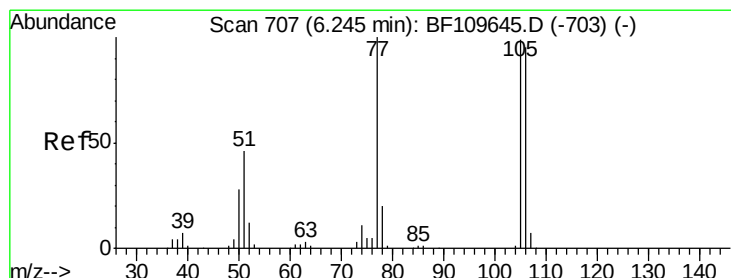
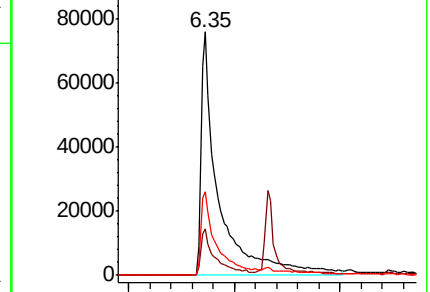
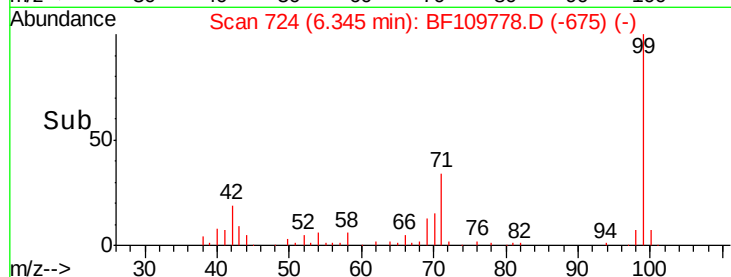
71 34.4 28.0 42.0



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: 2.247 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.22 min

Lab File: BF109778.D

Acq: 11 Oct 2018 8:34

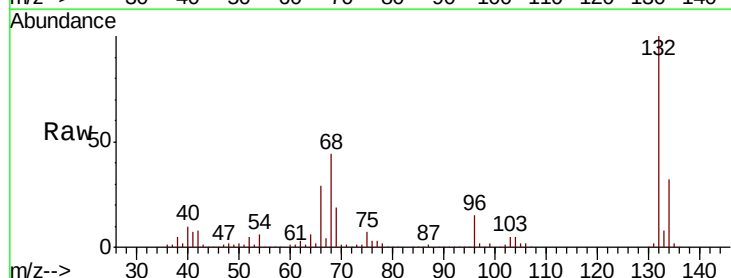
Tgt Ion: 77 Resp: 9613

Ion Ratio Lower Upper

77 100

105 82.0 78.6 118.6

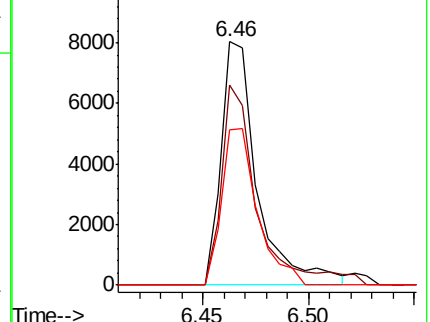
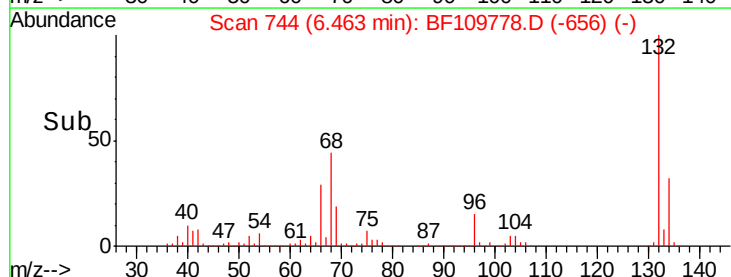
106 64.0 74.8 114.8#

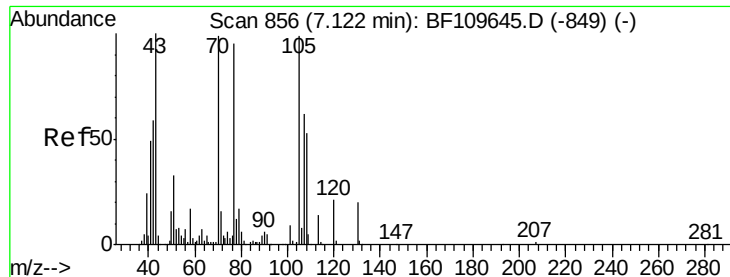


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

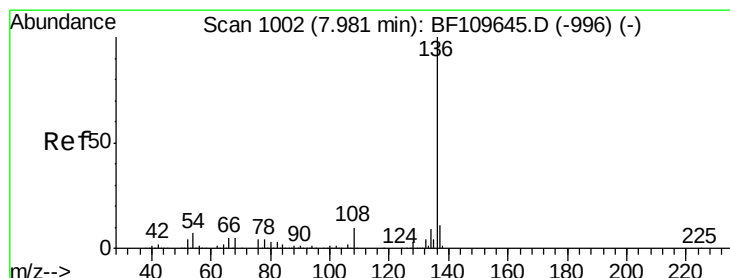
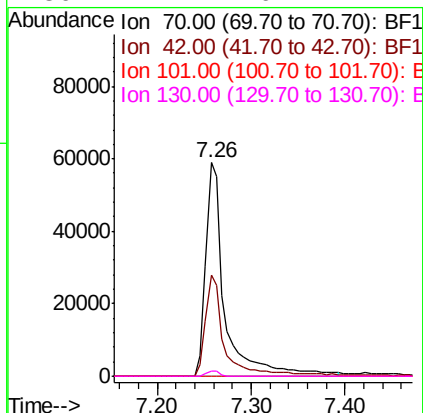
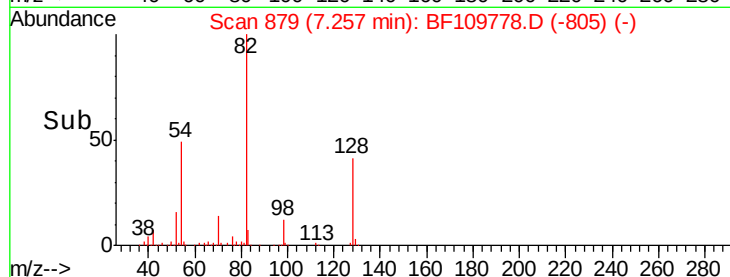
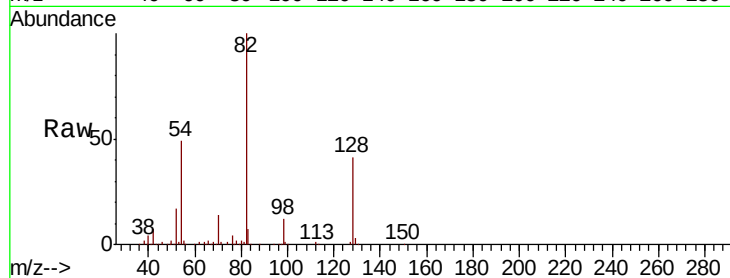




#19
n-Nitroso-di-n-propylamine
Concen: 18.171 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.14 min
Lab File: BF109778.D
Acq: 11 Oct 2018 8:34

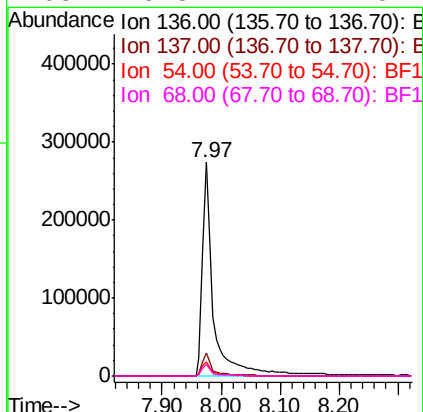
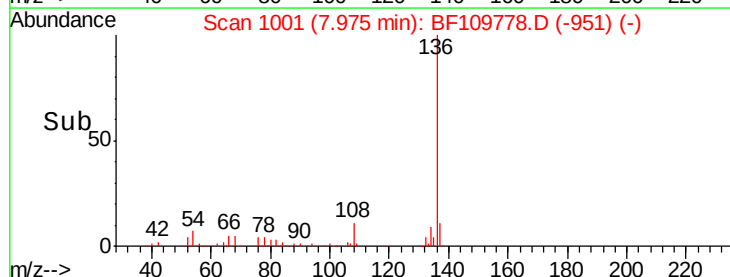
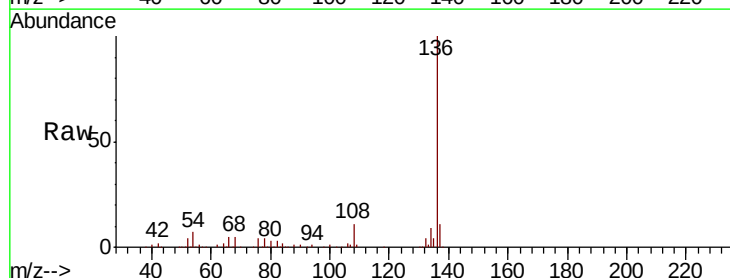
Instrument :
BNA_F
ClientSampleId :

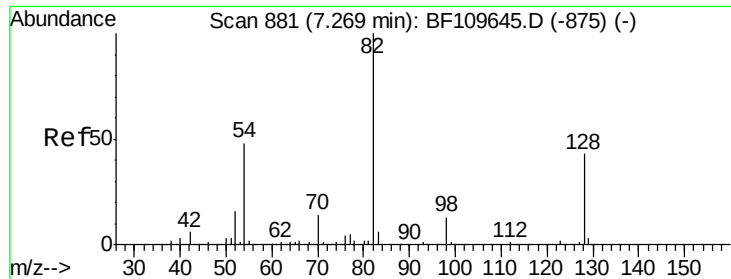
Tot Ion	Ratio	Lower	Upper
70	100		
42	47.5	47.4	71.2
101	0.0	7.3	10.9#
130	2.2	16.2	24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109778.D
Acq: 11 Oct 2018 8:34

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	6.8	5.4	8.2
68	5.3	4.2	6.2

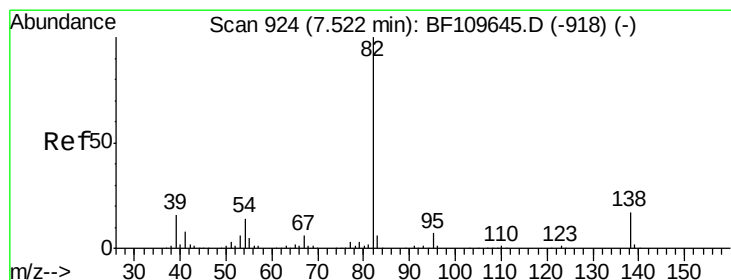
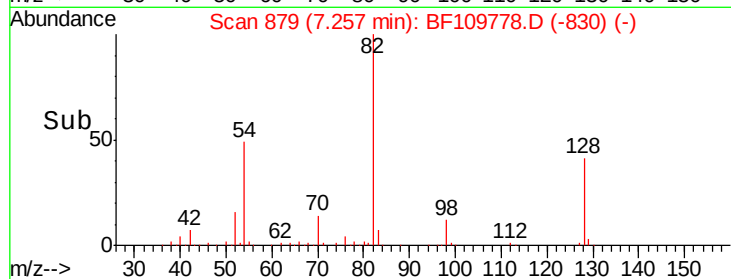
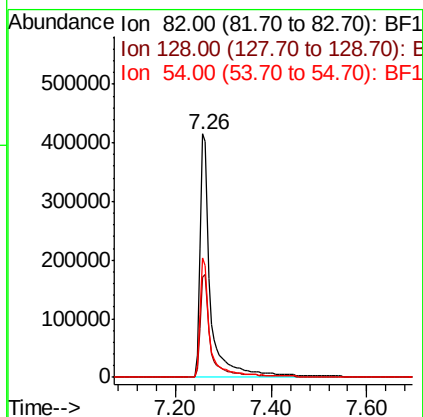
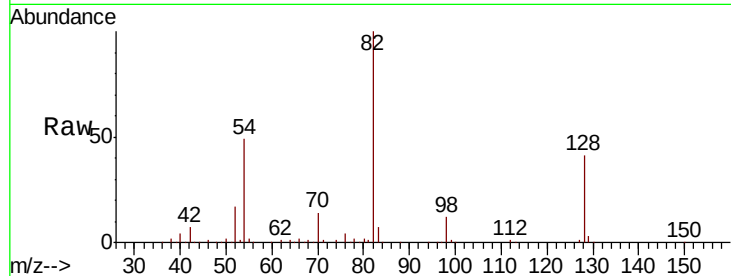




#23
 Nitrobenzene-d5
 Concen: 98.846 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF109778.D
 Acq: 11 Oct 2018 8:34

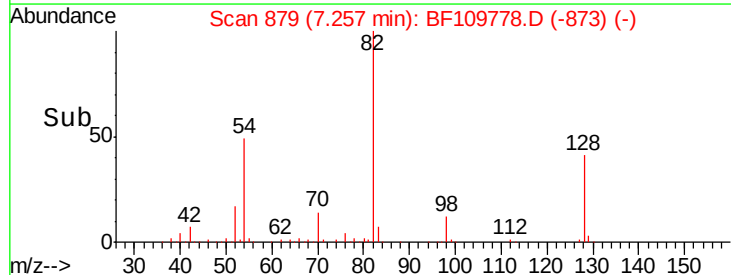
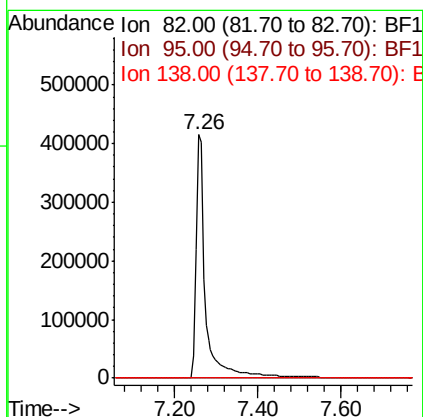
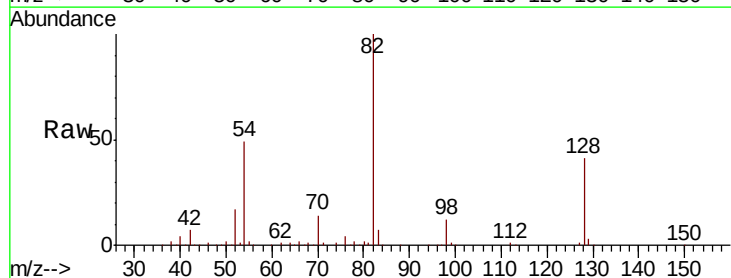
Instrument :
 BNA_F
 ClientSampleId :

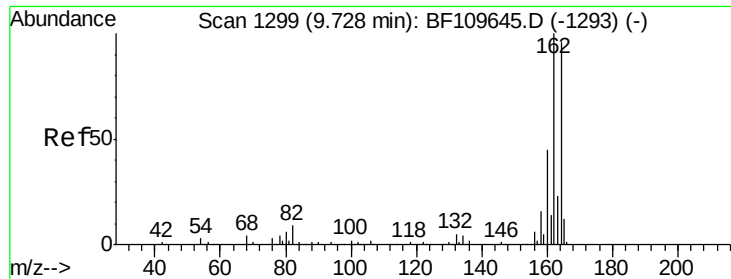
Tot Ion	82	Resp	646005
Ion Ratio	Lower	Upper	
82	100		
128	41.1	34.2	51.2
54	49.3	38.6	58.0



#25
 Isophorone
 Concen: 59.991 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.26 min
 Lab File: BF109778.D
 Acq: 11 Oct 2018 8:34

Tgt Ion	82	Resp	651052
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.7	8.5#
138	0.0	13.2	19.8#

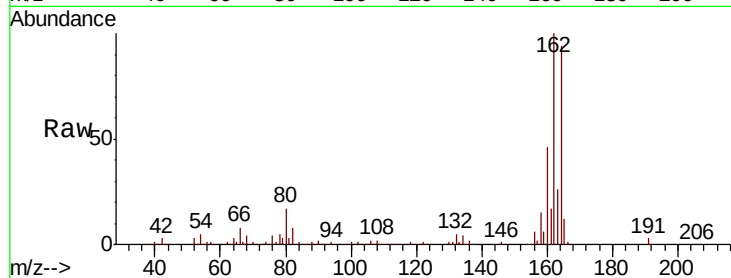




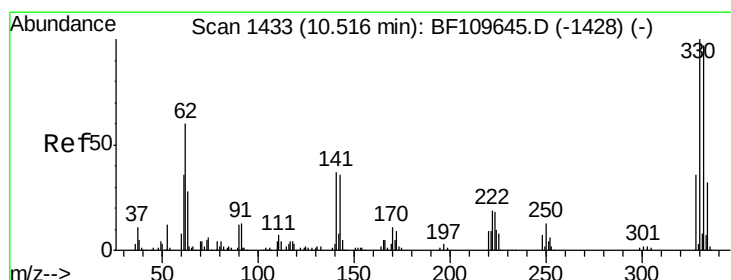
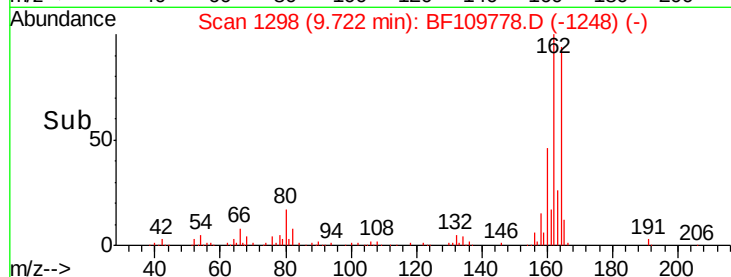
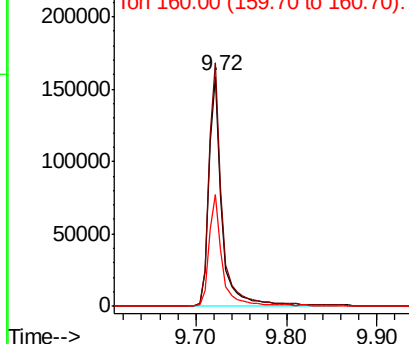
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF109778.D
 Acq: 11 Oct 2018 8:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.9	83.0	124.6
160	48.4	37.0	55.6

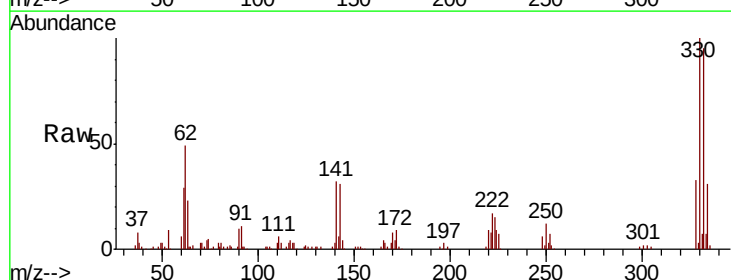


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

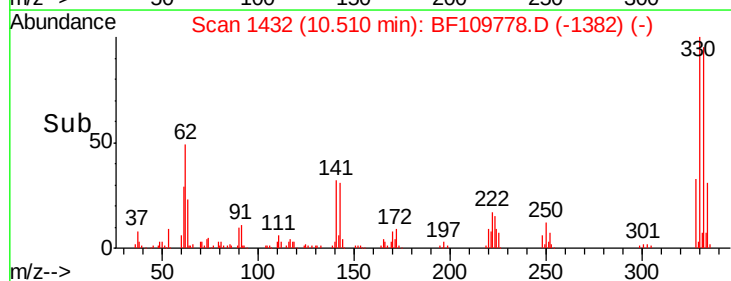
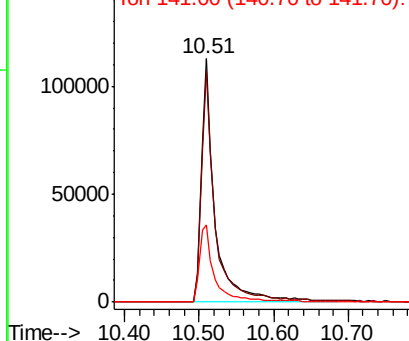


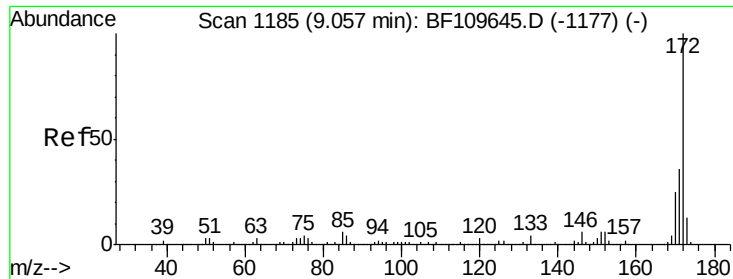
#41
 2,4,6-Tribromophenol
 Concen: 81.729 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109778.D
 Acq: 11 Oct 2018 8:34

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.1	115.7
141	33.8	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

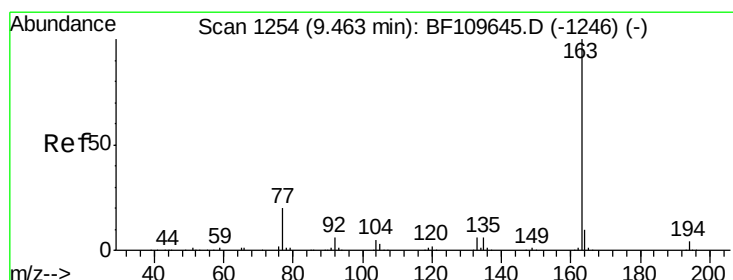
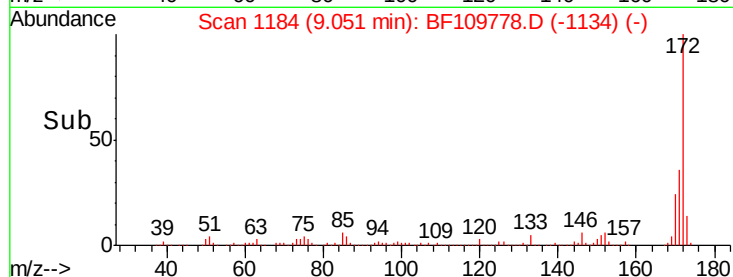
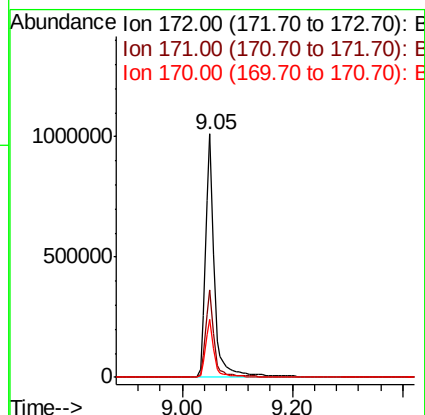
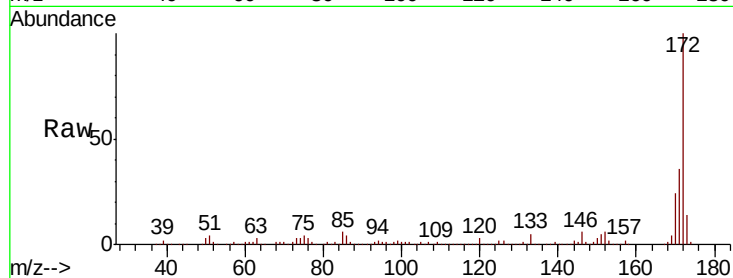




#44
2-Fluorobiphenyl
Concen: 94.776 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF109778.D
Acq: 11 Oct 2018 8:34

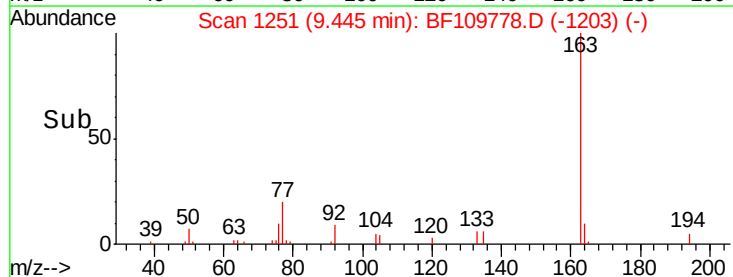
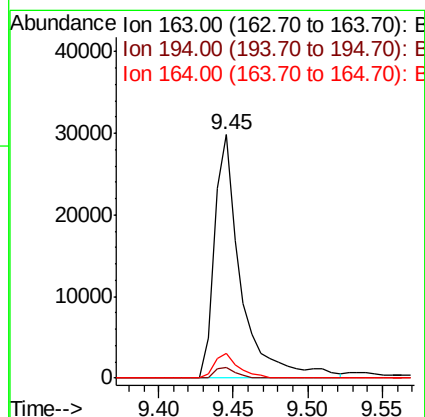
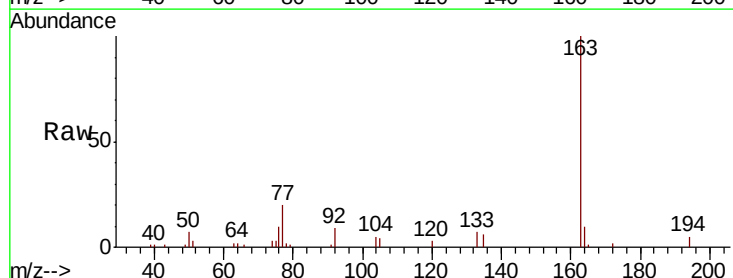
Instrument :
BNA_F
ClientSampleId :

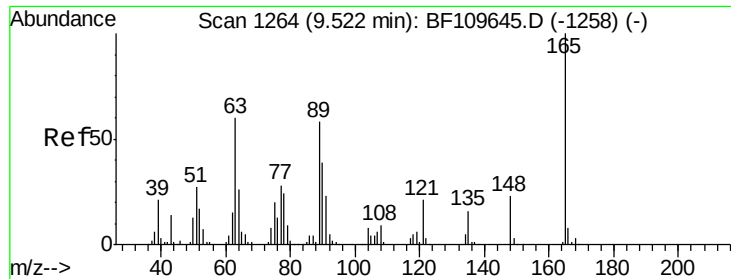
Tot Ion:172 Resp: 1135033
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 24.1 19.7 29.5



#49
Dimethylphthalate
Concen: 3.035 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF109778.D
Acq: 11 Oct 2018 8:34

Tgt Ion:163 Resp: 36709
Ion Ratio Lower Upper
163 100
194 4.6 3.2 4.8
164 10.0 8.1 12.1

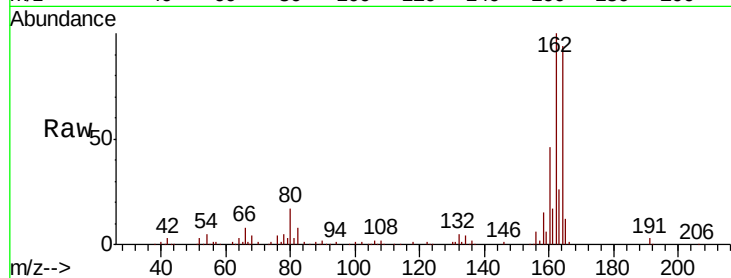




#50
2,6-Dinitrotoluene
Concen: 7.845 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.20 min
Lab File: BF109778.D
Acq: 11 Oct 2018 8:34

Instrument :
BNA_F
ClientSampled :

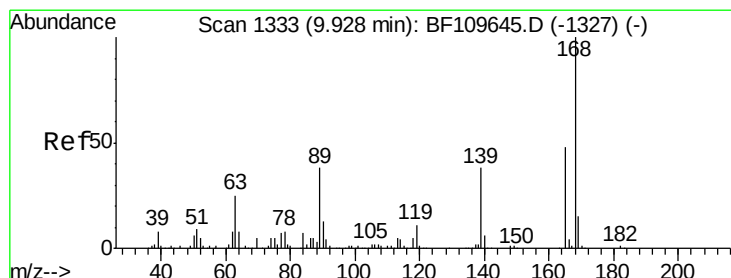
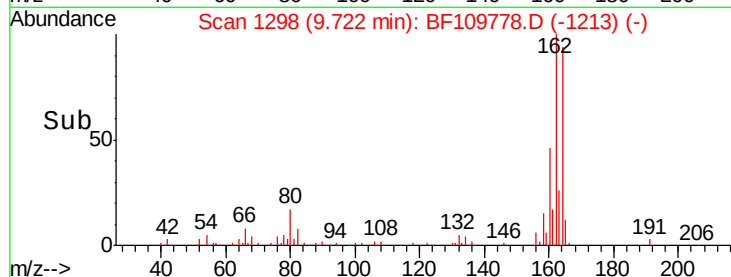
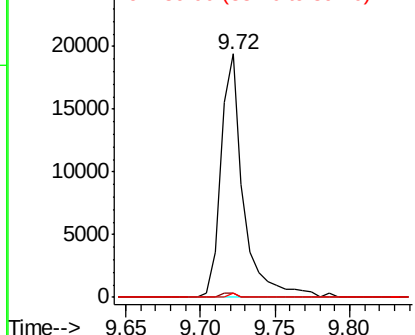
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	48.9	73.3#
89	1.7	46.6	69.8#



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: 6.287 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.21 min
Lab File: BF109778.D
Acq: 11 Oct 2018 8:34

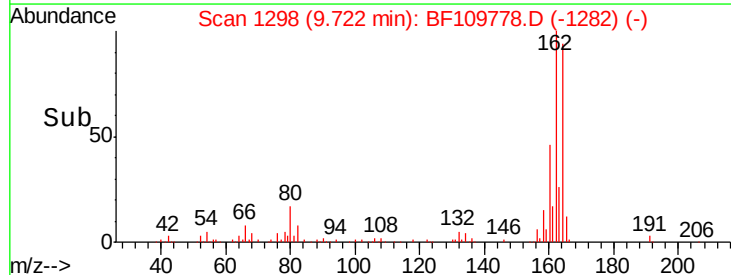
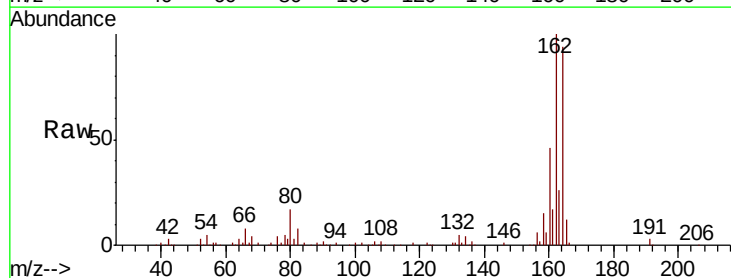
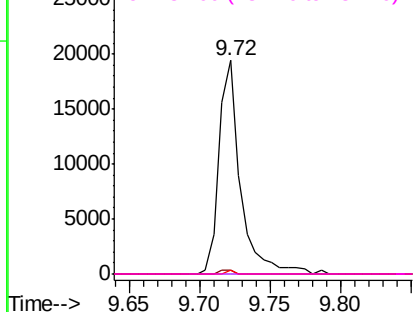
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.8	67.2#
89	1.7	62.2	93.4#
182	0.0	2.1	3.1#

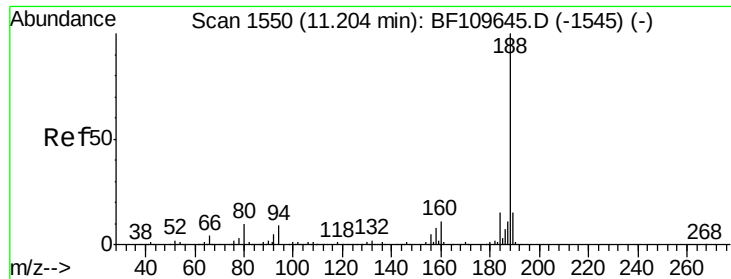
Abundance Ion 165.00 (164.70 to 165.70): E

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

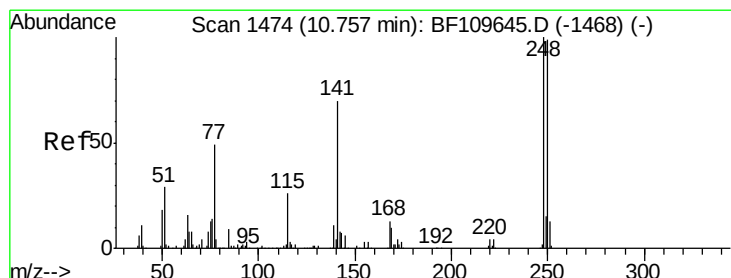
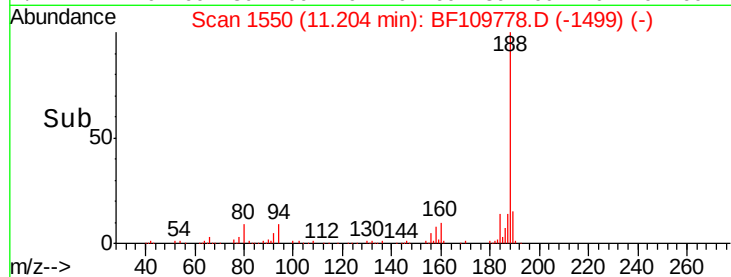
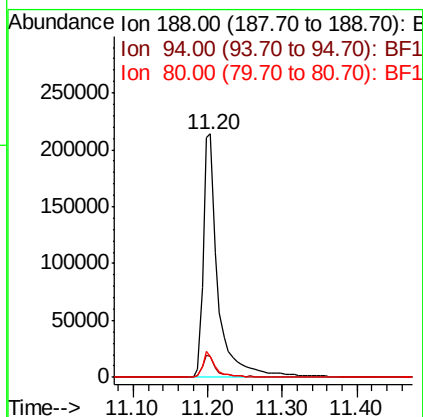
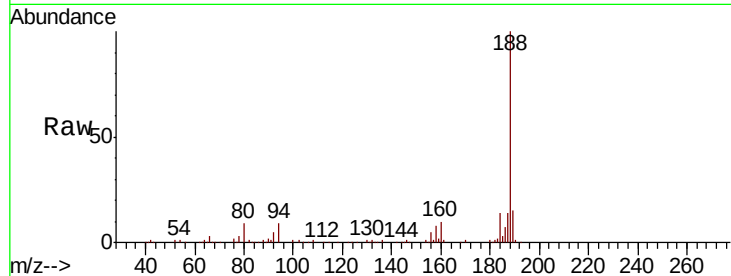




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.00 min
Lab File: BF109778.D
Acq: 11 Oct 2018 8:34

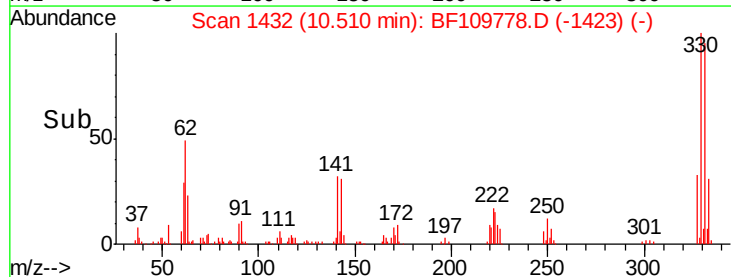
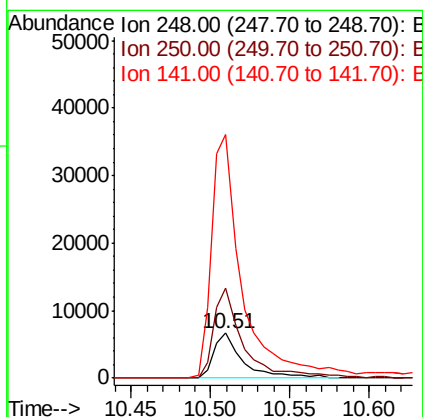
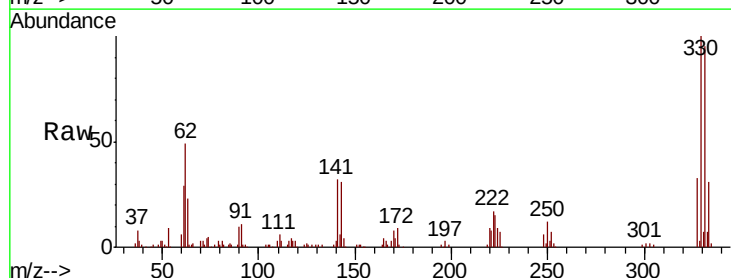
Instrument :
BNA_F
ClientSampled :

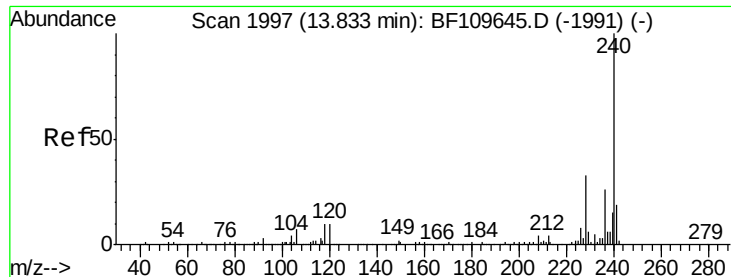
Tot Ion:188 Resp: 299000
Ion Ratio Lower Upper
188 100
94 8.6 7.2 10.8
80 8.6 7.9 11.9



#66
4-Bromophenyl-phenylether
Concen: 2.477 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.25 min
Lab File: BF109778.D
Acq: 11 Oct 2018 8:34

Tgt Ion:248 Resp: 8509
Ion Ratio Lower Upper
248 100
250 200.1 79.4 119.2#
141 539.2 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: BF109778.D

Acq: 11 Oct 2018 8:34

Instrument :

BNA_F

ClientSampleId :

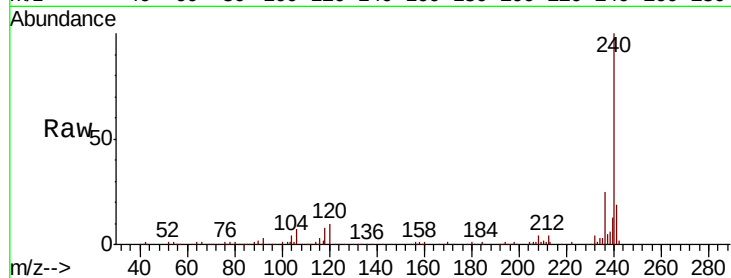
Tot Ion:240 Resp: 255284

Ion Ratio Lower Upper

240 100

120 10.2 8.3 12.5

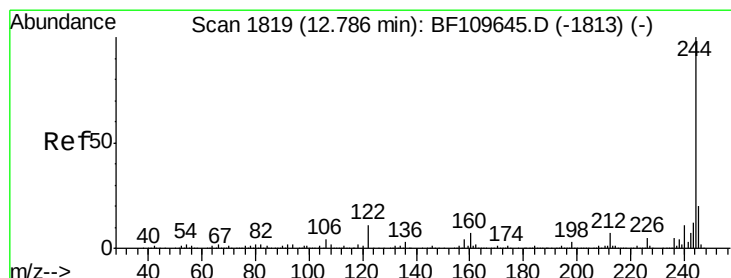
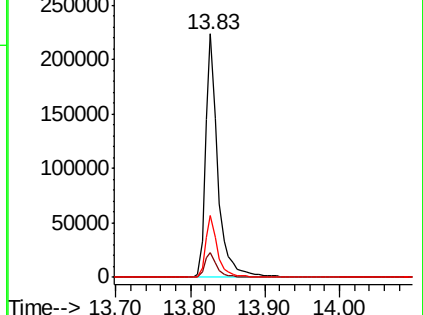
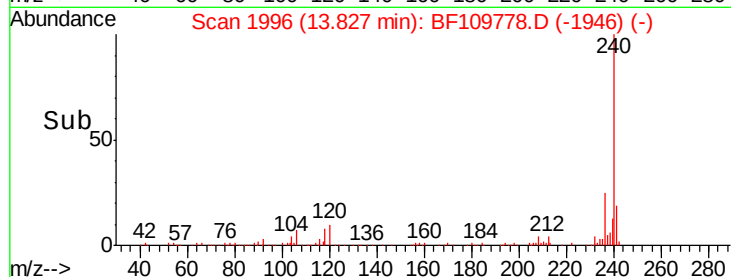
236 25.2 21.2 31.8



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: 76.284 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF109778.D

Acq: 11 Oct 2018 8:34

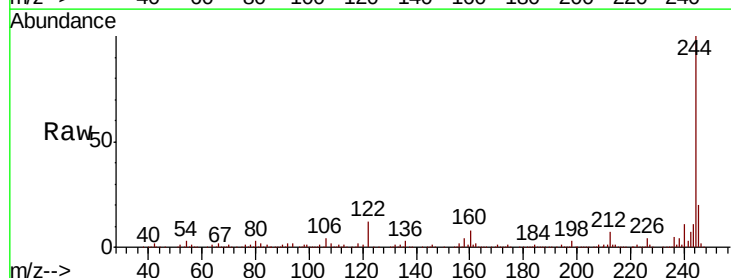
Tgt Ion:244 Resp: 1005972

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

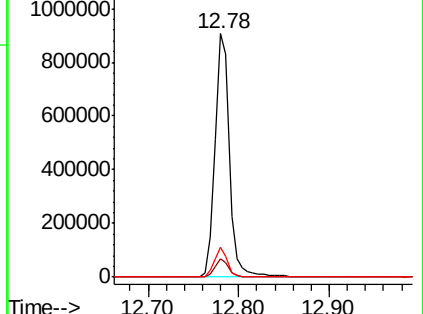
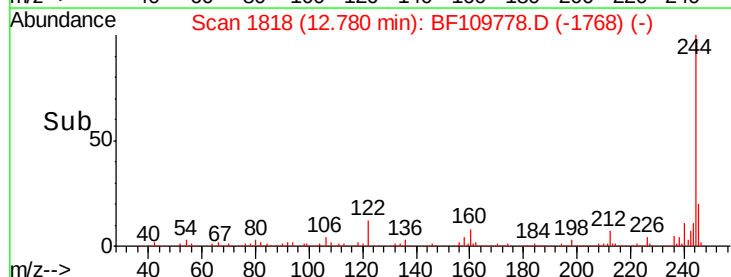
122 12.0 8.7 13.1

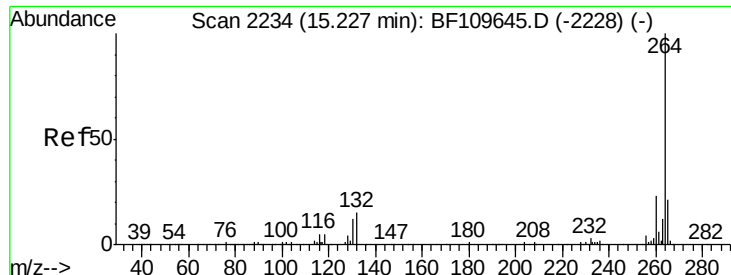


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

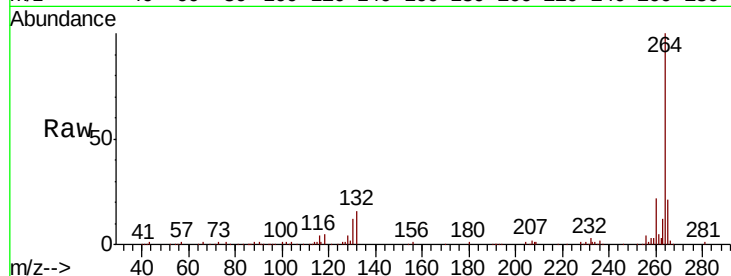




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.00 min
Lab File: BF109778.D
Acq: 11 Oct 2018 8:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.2	18.7	28.1
265	20.9	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

