

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101818\
 Data File : BF109978.D
 Acq On : 19 Oct 2018 00:08
 Operator : JU/SJ
 Sample : J5569-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 19 02:27:27 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

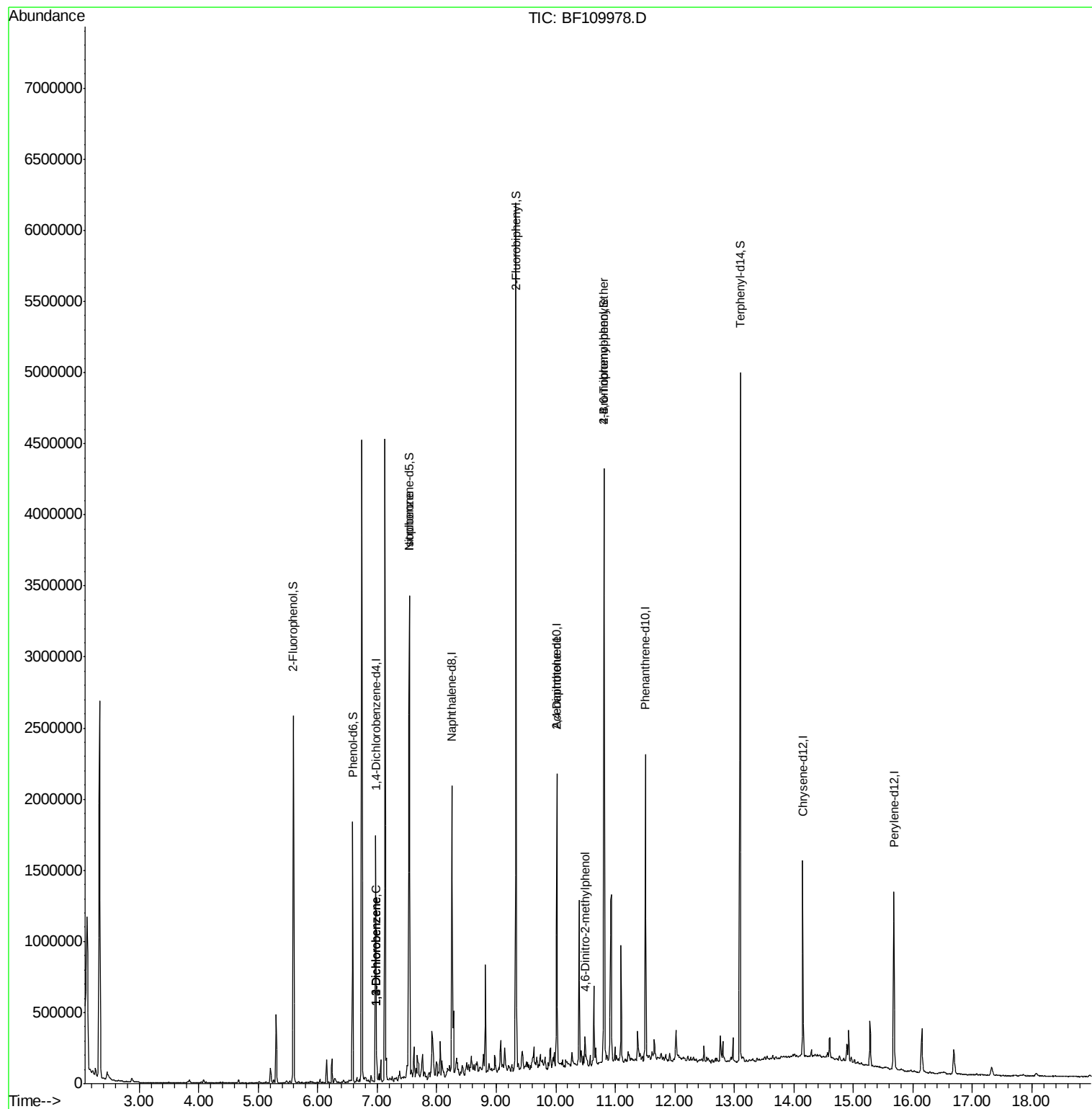
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	225574	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	871940	20.00	ng	-0.01
39) Acenaphthene-d10	10.02	164	409320	20.00	ng	-0.01
64) Phenanthrene-d10	11.51	188	731571	20.00	ng	0.00
76) Chrysene-d12	14.15	240	456027	20.00	ng	-0.01
87) Perylene-d12	15.68	264	426769	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	731007	51.37	ng	0.00
7) Phenol-d6	6.59	99	593876	33.61	ng	-0.02
23) Nitrobenzene-d5	7.54	82	1144888	88.45	ng	-0.01
42) 2,4,6-Tribromophenol	10.81	330	421586	118.96	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1960934	76.44	ng	0.00
79) Terphenyl-d14	13.10	244	1667803	76.80	ng	0.00
Target Compounds						
12) 1,3-Dichlorobenzene	6.99	146	36089	2.065	ng	94
13) 1,4-Dichlorobenzene	6.99	146	36089	2.050	ng	97
14) 1,2-Dichlorobenzene	6.99	146	36089	2.226	ng	94
25) Isophorone	7.54	82	1141563	44.885	ng	# 67
57) 2,4-Dinitrotoluene	10.02	165	53535	11.546	ng	# 20
65) 4,6-Dinitro-2-methylphenol	10.49	198	472	8.053	ng	# 1
67) 4-Bromophenyl-phenylether	10.81	248	26976	3.402	ng	# 1

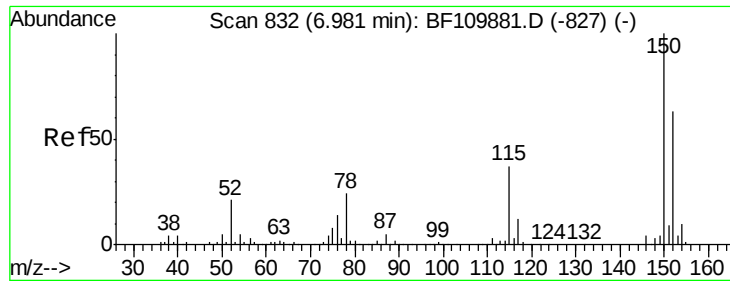
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 15 Sample Multiplier: 1

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
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QLast Update : Tue Oct 16 14:58:24 2018
Response via : Initial Calibration



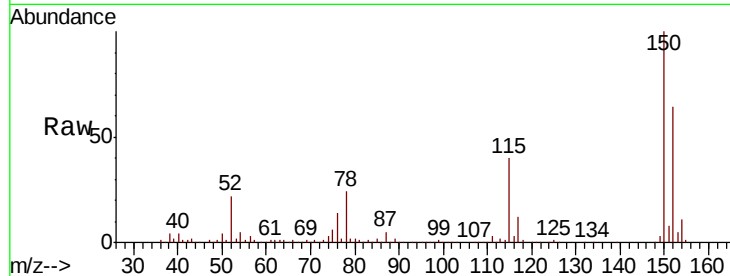


#1

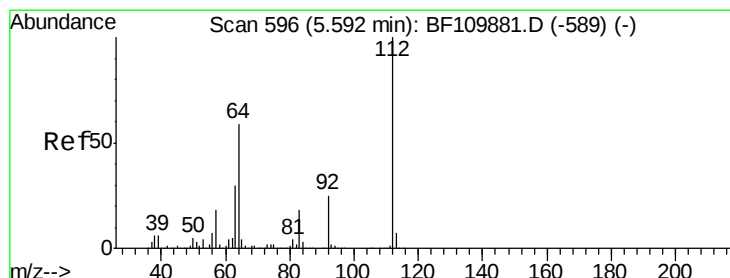
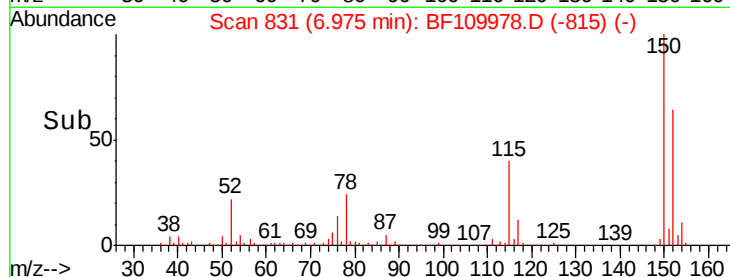
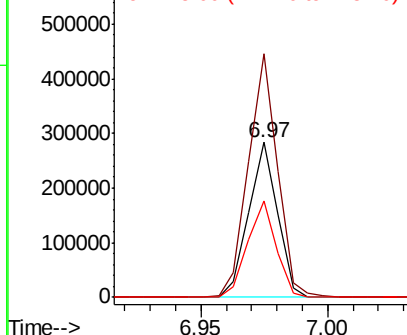
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109978.D
Acq: 19 Oct 2018 00:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 225574
Ion Ratio Lower Upper
152 100
150 157.4 122.7 184.1
115 62.2 49.1 73.7



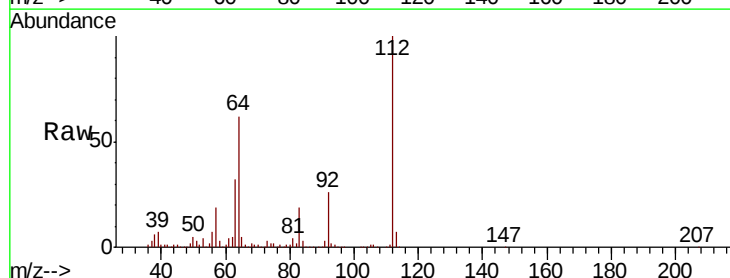
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



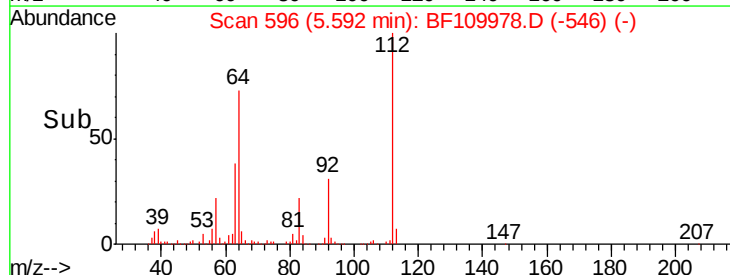
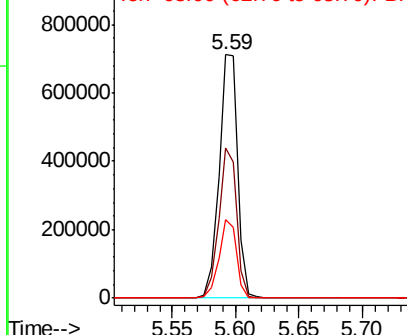
#5

2-Fluorophenol
Concen: 51.369 ng
RT: 5.59 min Scan# 596
Delta R.T. -0.01 min
Lab File: BF109978.D
Acq: 19 Oct 2018 00:08

Tgt Ion:112 Resp: 731007
Ion Ratio Lower Upper
112 100
64 61.7 44.1 66.1
63 32.4 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: 33.608 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF109978.D

Acq: 19 Oct 2018 00:08

Instrument :

BNA_F

ClientSampleId :

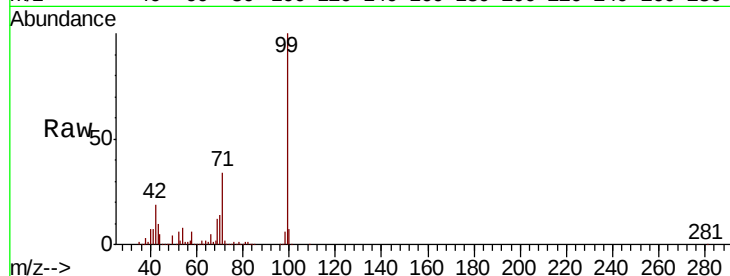
Tot Ion: 99 Resp: 593876

Ion Ratio Lower Upper

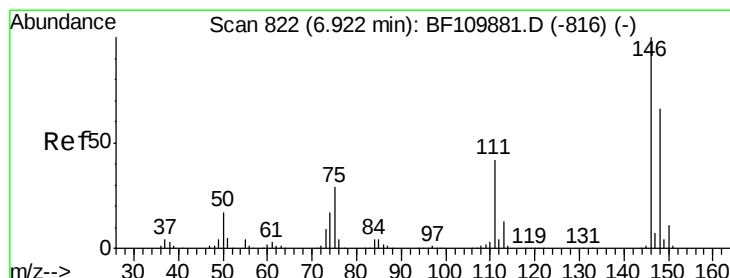
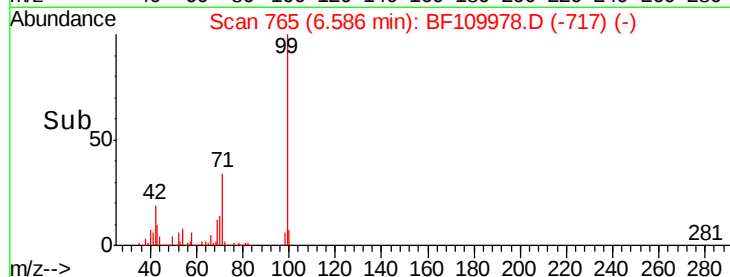
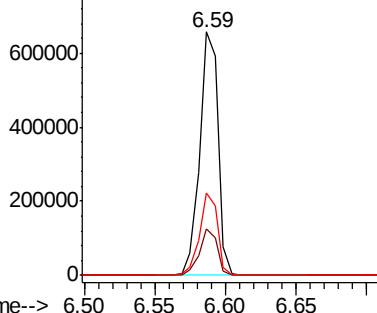
99 100

42 19.1 15.8 23.6

71 34.0 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



#12

1,3-Dichlorobenzene

Concen: 2.065 ng

RT: 6.99 min Scan# 834

Delta R.T. 0.07 min

Lab File: BF109978.D

Acq: 19 Oct 2018 00:08

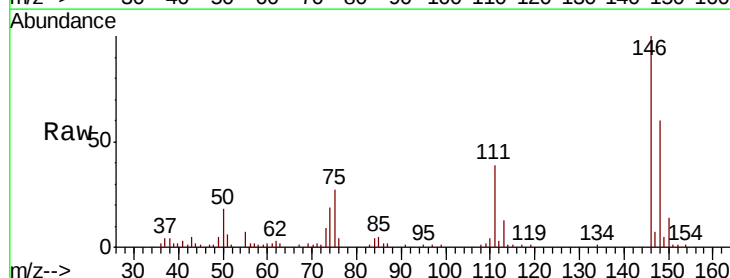
Tgt Ion: 146 Resp: 36089

Ion Ratio Lower Upper

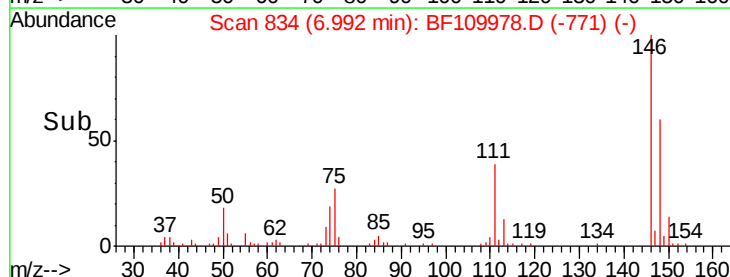
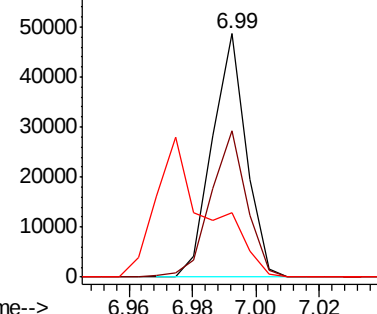
146 100

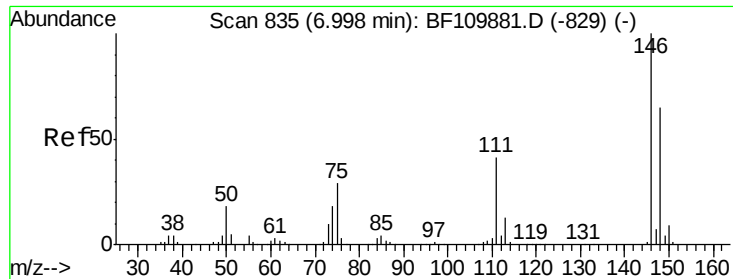
148 60.1 50.4 75.6

75 26.5 25.8 38.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

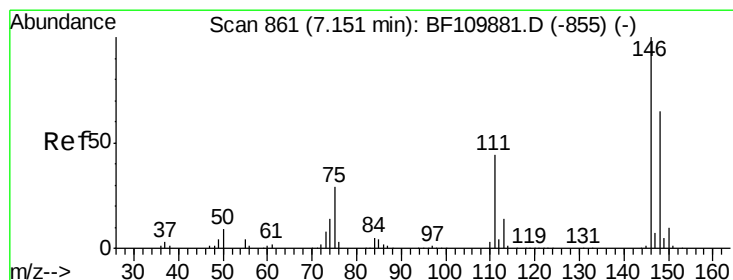
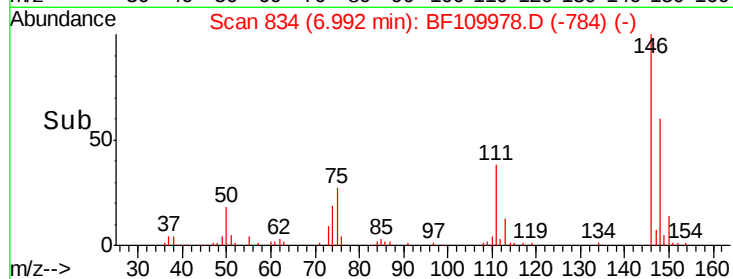
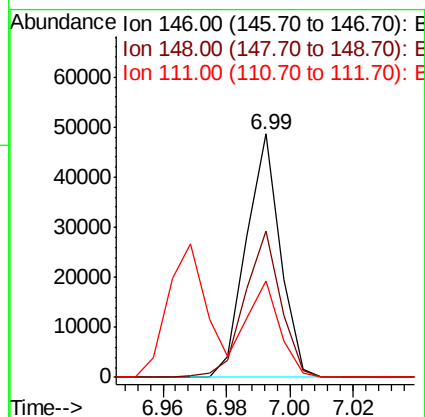
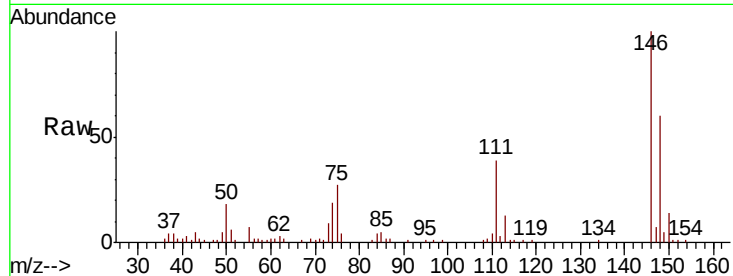




#13
 1,4-Dichlorobenzene
 Concen: 2.050 ng
 RT: 6.99 min Scan# 834
 Delta R.T. -0.01 min
 Lab File: BF109978.D
 Acq: 19 Oct 2018 00:08

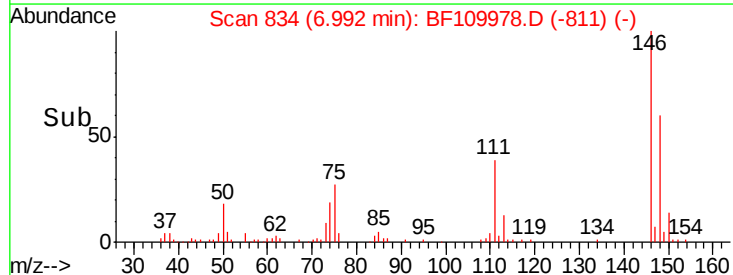
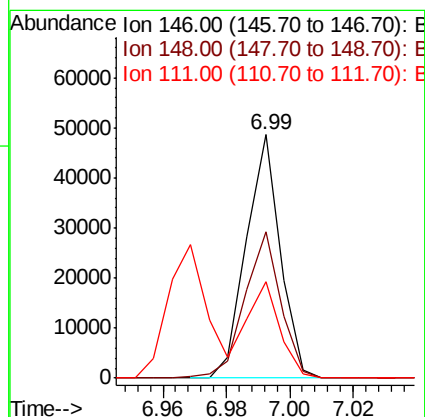
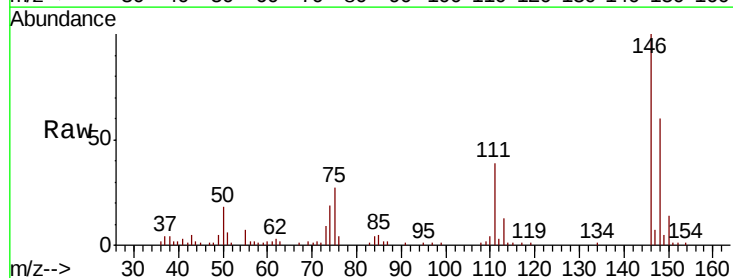
Instrument :
 BNA_F
 ClientSampleId :

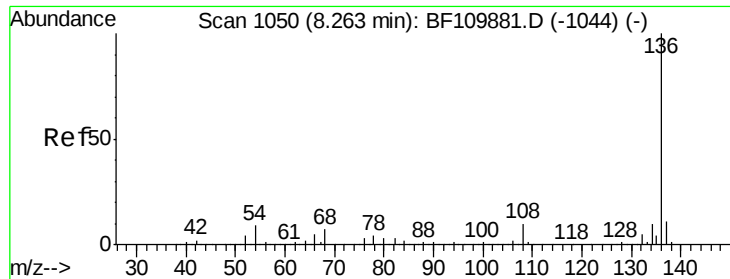
Tot Ion:146 Resp: 36089
 Ion Ratio Lower Upper
 146 100
 148 60.1 50.3 75.5
 111 39.5 32.7 49.1



#14
 1,2-Dichlorobenzene
 Concen: 2.226 ng
 RT: 6.99 min Scan# 834
 Delta R.T. -0.16 min
 Lab File: BF109978.D
 Acq: 19 Oct 2018 00:08

Tgt Ion:146 Resp: 36089
 Ion Ratio Lower Upper
 146 100
 148 60.1 51.1 76.7
 111 39.5 35.8 53.6

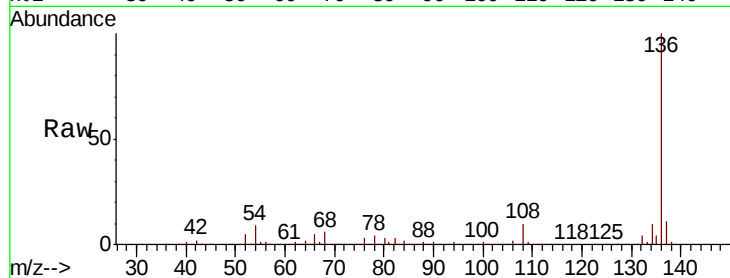




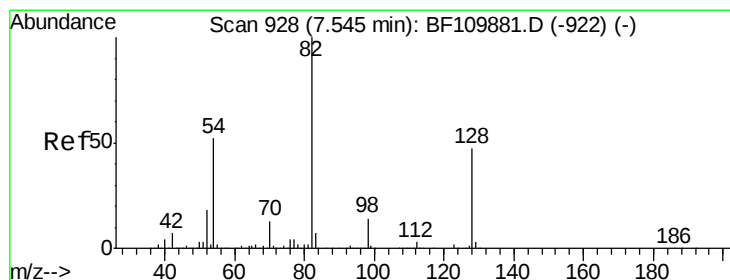
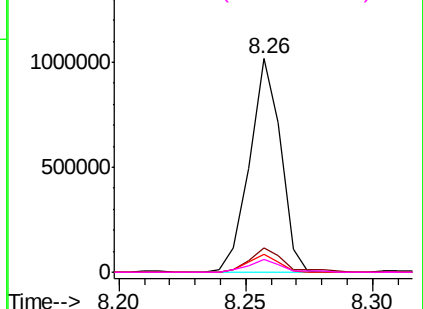
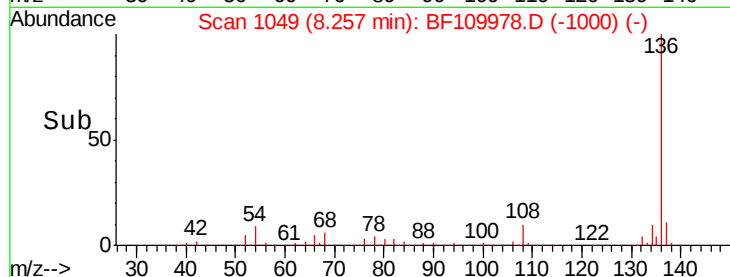
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF109978.D
Acq: 19 Oct 2018 00:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	871940	
Ion Ratio	Lower	Upper	
136 100			
137 11.1	8.8	13.2	
54 8.6	5.4	8.2#	
68 6.0	4.2	6.2	

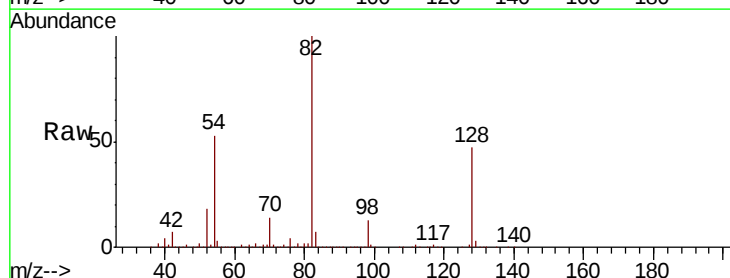


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

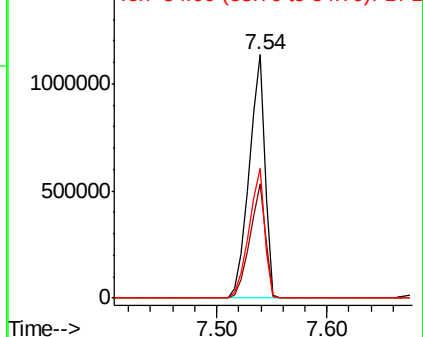
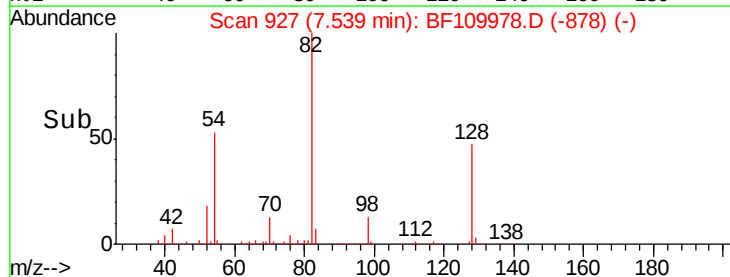


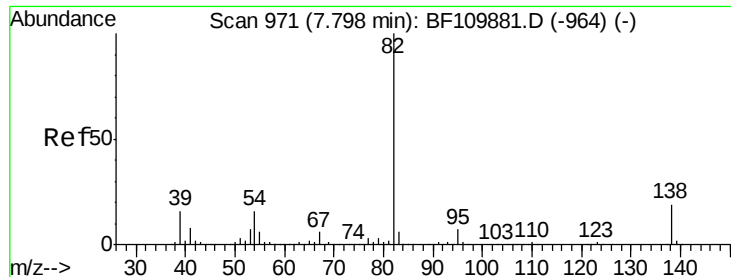
#23
Nitrobenzene-d5
Concen: 88.451 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF109978.D
Acq: 19 Oct 2018 00:08

Tgt	Ion: 82	Resp: 1144888	
Ion	Ratio	Lower	Upper
82	100		
128	46.8	34.2	51.2
54	53.2	38.6	58.0



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





#25

Isophorone

Concen: 44.885 ng

RT: 7.54 min Scan# 927

Delta R.T. -0.26 min

Lab File: BF109978.D

Acq: 19 Oct 2018 00:08

Instrument :

BNA_F

ClientSampled :

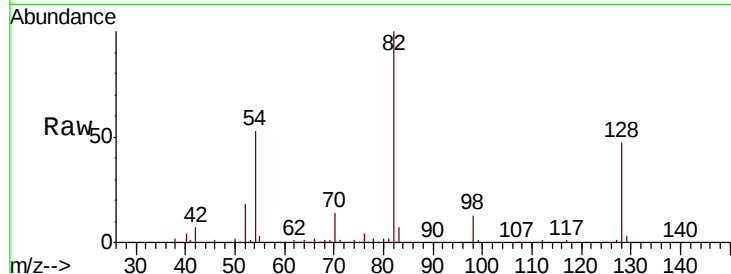
Tot Ion: 82 Resp: 1141563

Ion Ratio Lower Upper

82 100

95 0.1 5.7 8.5#

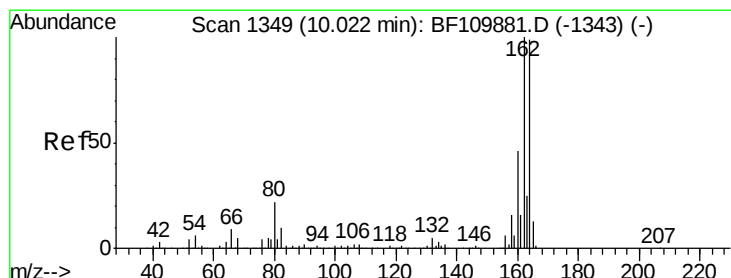
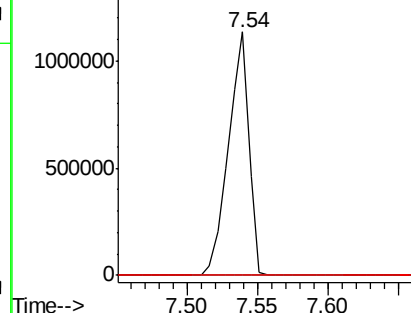
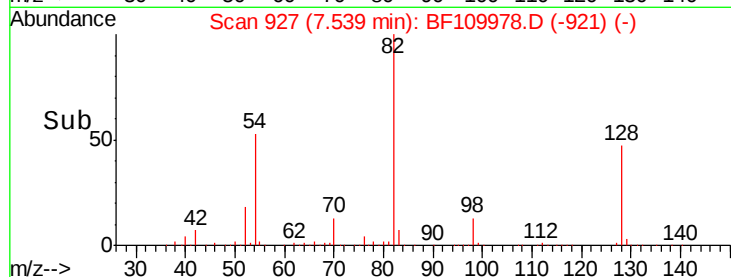
138 0.1 13.2 19.8#



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF109978.D

Acq: 19 Oct 2018 00:08

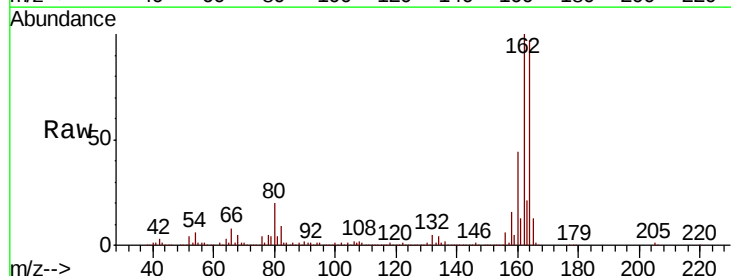
Tgt Ion:164 Resp: 409320

Ion Ratio Lower Upper

164 100

162 103.1 83.0 124.6

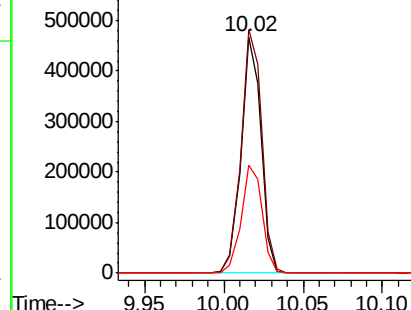
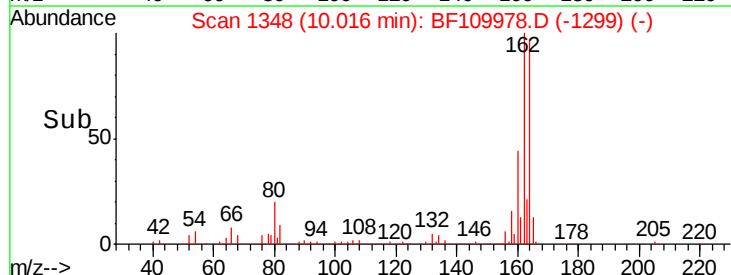
160 45.5 37.0 55.6

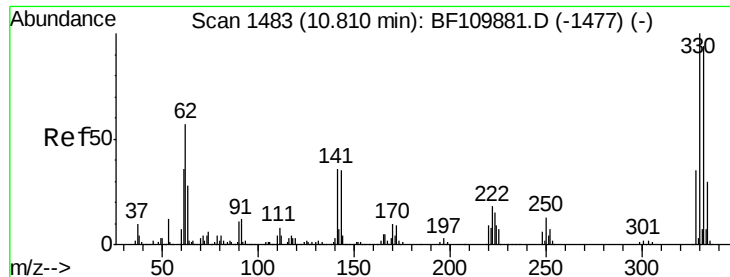


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

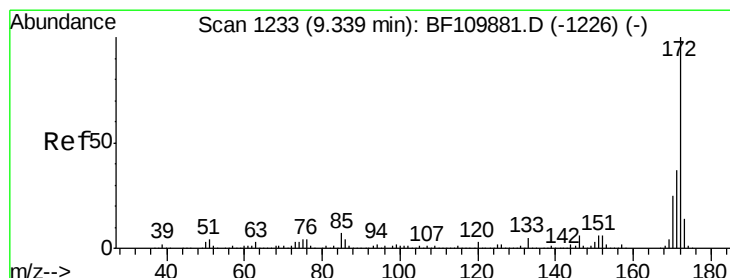
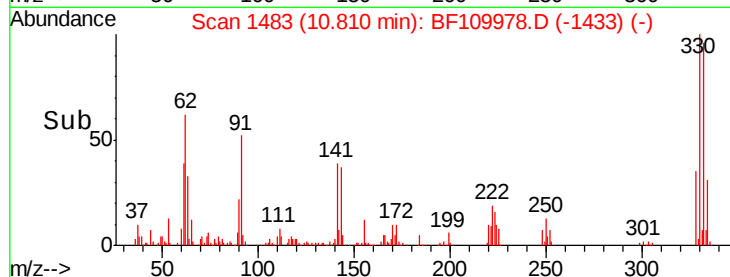
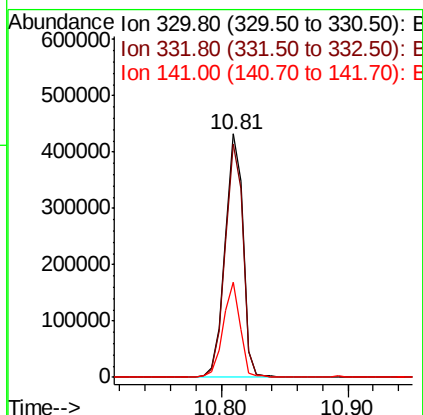
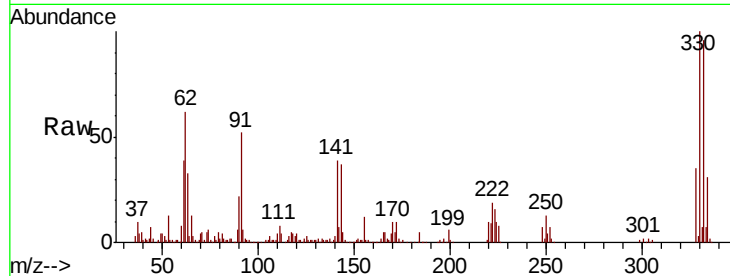




#42
 2,4,6-Tribromophenol
 Concen: 118.965 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. -0.01 min
 Lab File: BF109978.D
 Acq: 19 Oct 2018 00:08

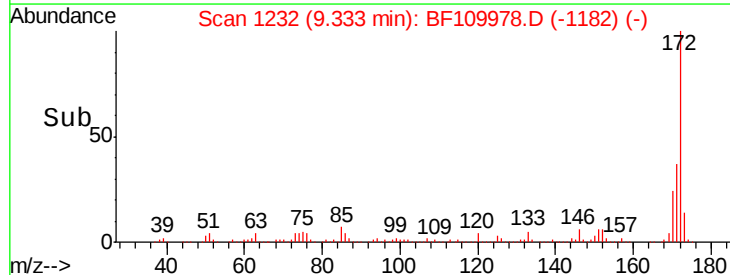
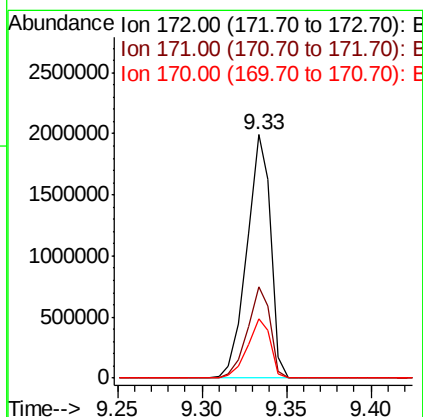
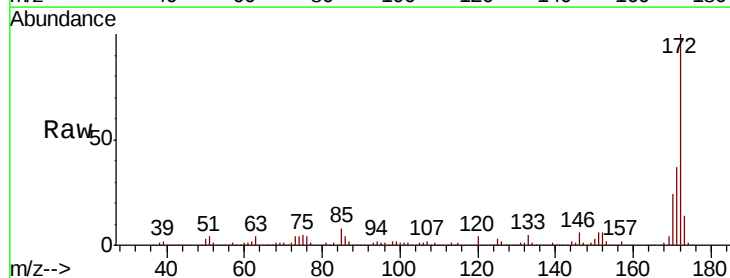
Instrument :
 BNA_F
 ClientSampled :

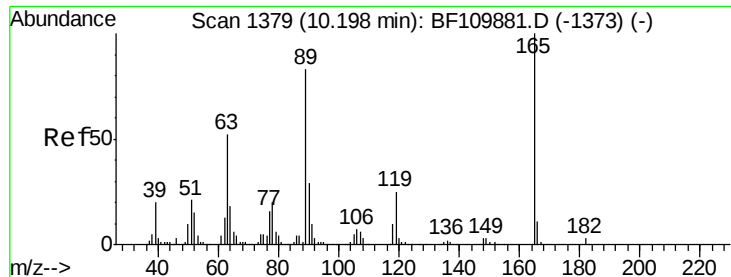
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.1	115.7
141	36.8	27.0	40.4



#45
 2-Fluorobiphenyl
 Concen: 76.443 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: BF109978.D
 Acq: 19 Oct 2018 00:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	28.6	43.0
170	24.4	19.7	29.5





#57

2,4-Dinitrotoluene

Concen: 11.546 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.19 min

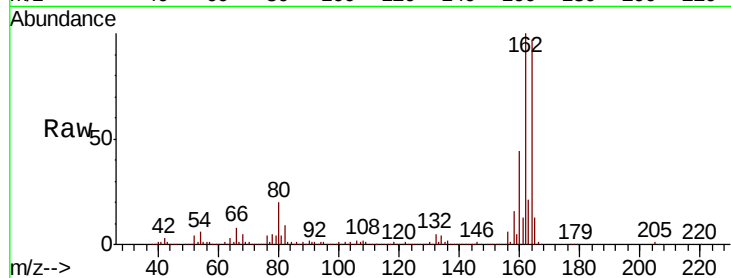
Lab File: BF109978.D

Acq: 19 Oct 2018 00:08

Instrument :

BNA_F

ClientSampleId :



Tot Ion:165 Resp: 53535

Ion Ratio Lower Upper

165 100

63 2.1 44.8 67.2#

89 1.8 62.2 93.4#

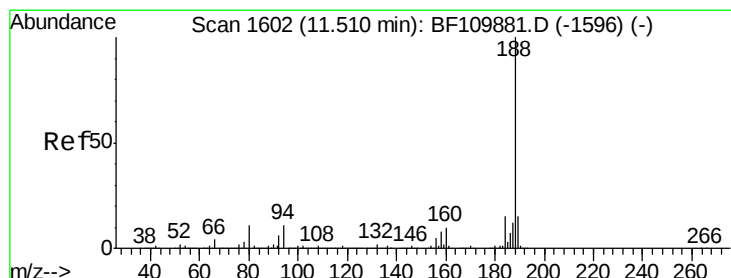
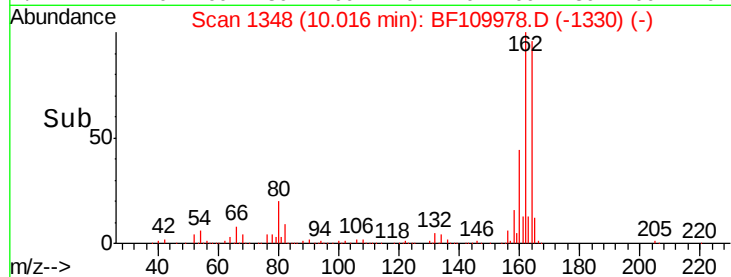
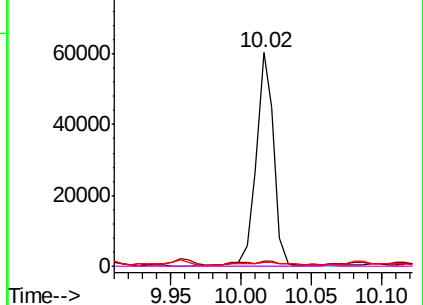
182 0.0 2.1 3.1#

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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.51 min Scan# 1602

Delta R.T. -0.01 min

Lab File: BF109978.D

Acq: 19 Oct 2018 00:08

Tgt Ion:188 Resp: 731571

Ion Ratio Lower Upper

188 100

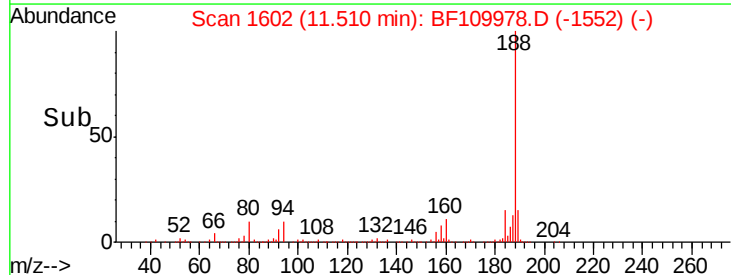
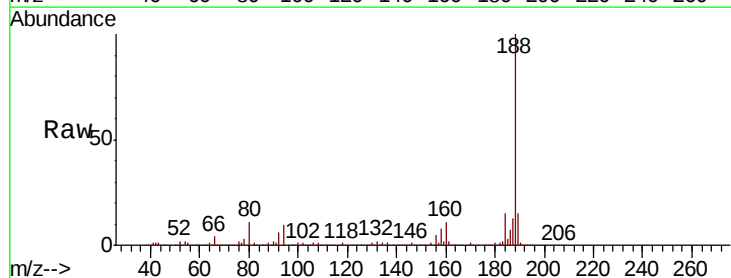
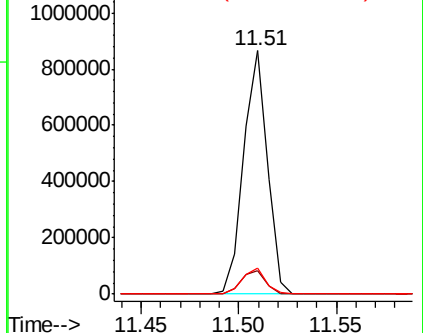
94 9.8 7.2 10.8

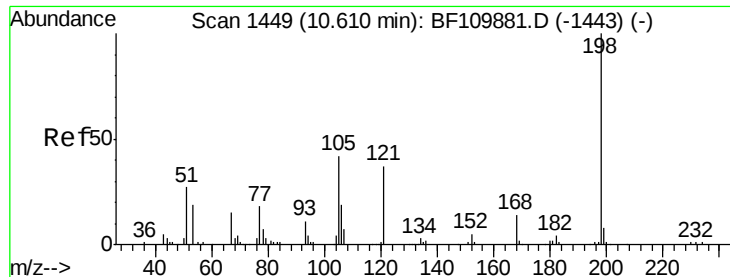
80 10.6 7.9 11.9

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

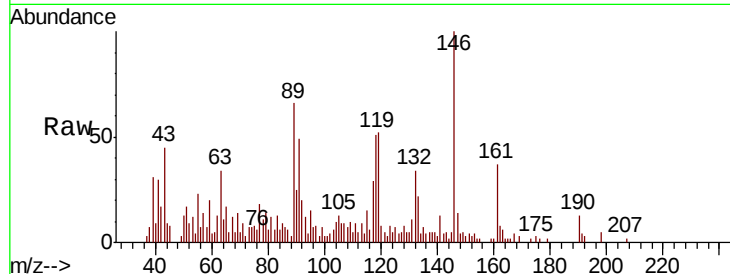




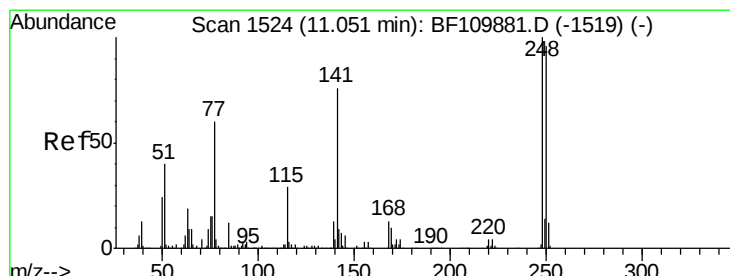
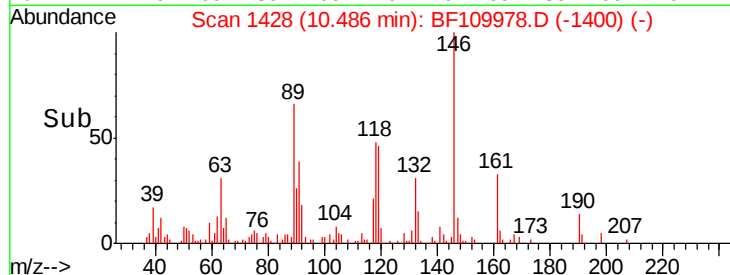
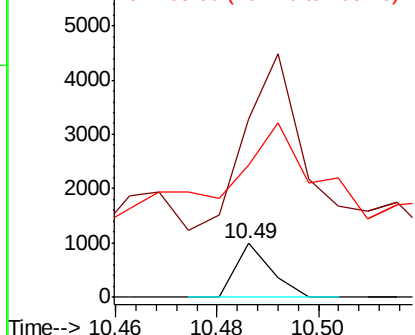
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.053 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.14 min
 Lab File: BF109978.D
 Acq: 19 Oct 2018 00:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:198 Resp: 472
 Ion Ratio Lower Upper
 198 100
 51 331.4 22.8 62.8#
 105 245.3 23.6 63.6#

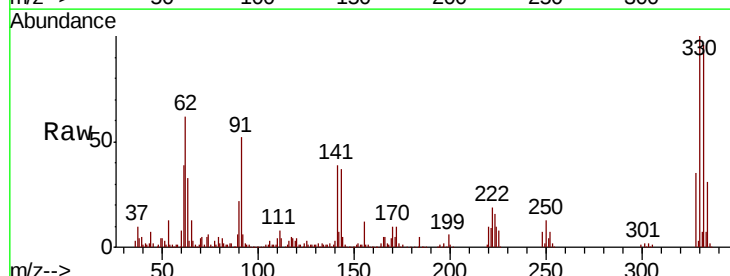


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

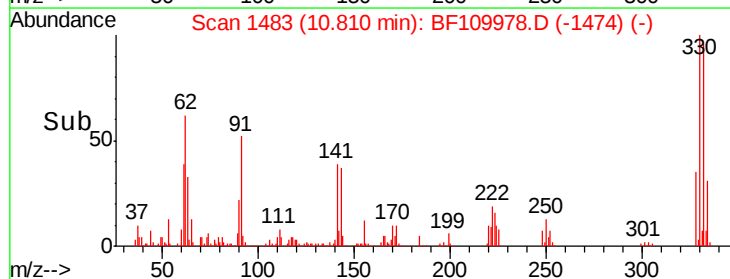
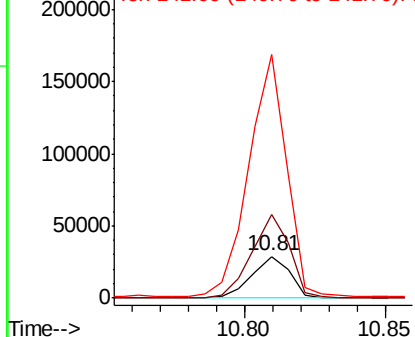


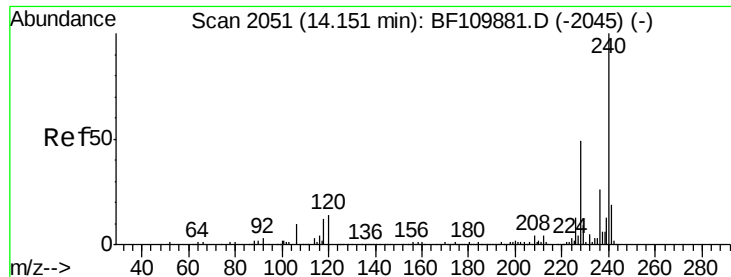
#67
 4-Bromophenyl-phenylether
 Concen: 3.402 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. -0.25 min
 Lab File: BF109978.D
 Acq: 19 Oct 2018 00:08

Tgt Ion:248 Resp: 26976
 Ion Ratio Lower Upper
 248 100
 250 201.1 79.4 119.2#
 141 586.0 55.9 83.9#



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

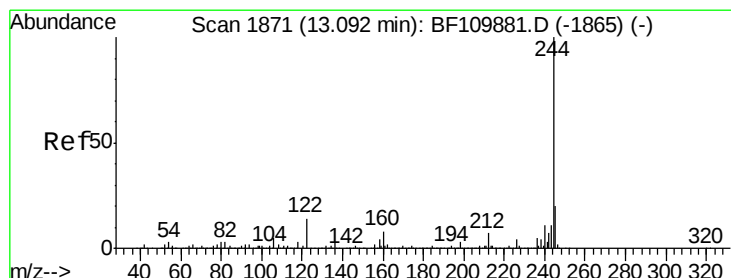
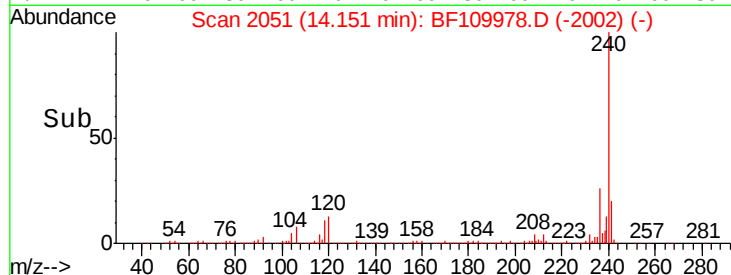
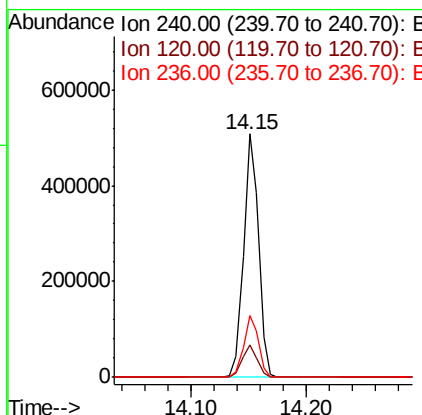
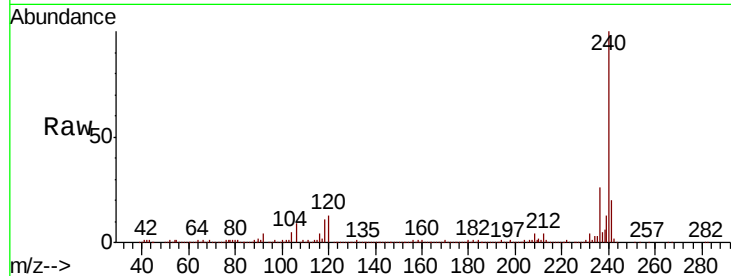




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.15 min Scan# 2051
 Delta R.T. -0.01 min
 Lab File: BF109978.D
 Acq: 19 Oct 2018 00:08

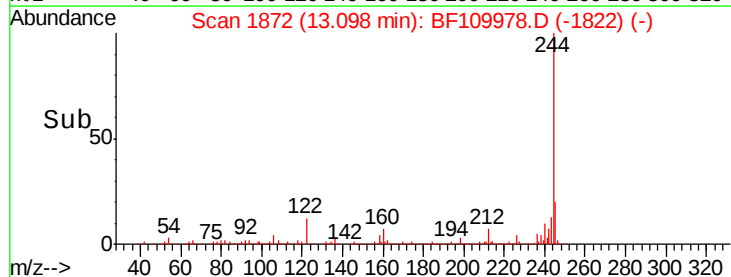
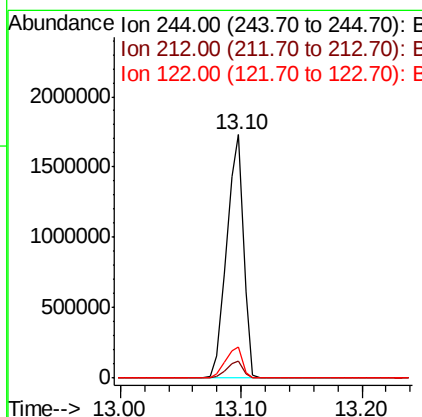
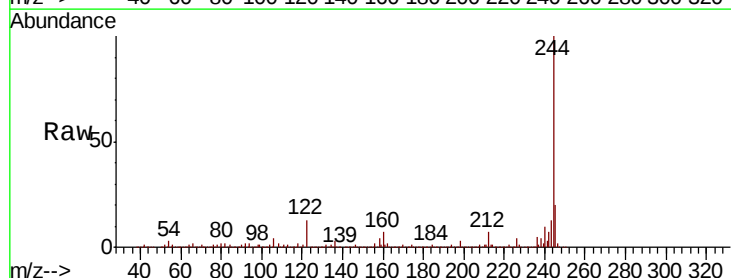
Instrument :
 BNA_F
 ClientSampleId :

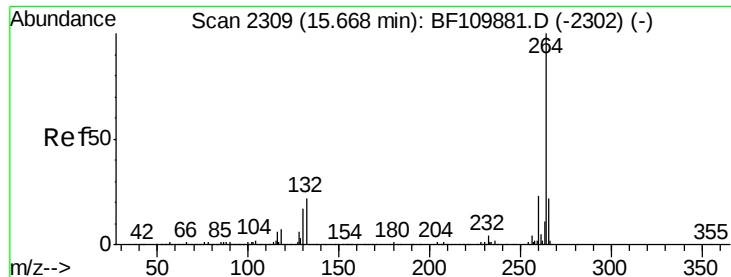
Tot Ion:240 Resp: 456027
 Ion Ratio Lower Upper
 240 100
 120 13.1 8.3 12.5#
 236 25.5 21.2 31.8



#79
 Terphenyl-d14
 Concen: 76.799 ng
 RT: 13.10 min Scan# 1872
 Delta R.T. -0.01 min
 Lab File: BF109978.D
 Acq: 19 Oct 2018 00:08

Tgt Ion:244 Resp: 1667803
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 12.5 8.7 13.1





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2311
Delta R.T. -0.01 min
Lab File: BF109978.D
Acq: 19 Oct 2018 00:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	21.2	16.7	25.1

