

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100918\
 Data File : BF109693.D
 Acq On : 9 Oct 2018 14:22
 Operator : JU/SJ
 Sample : PB113605BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 09 14:58:47 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

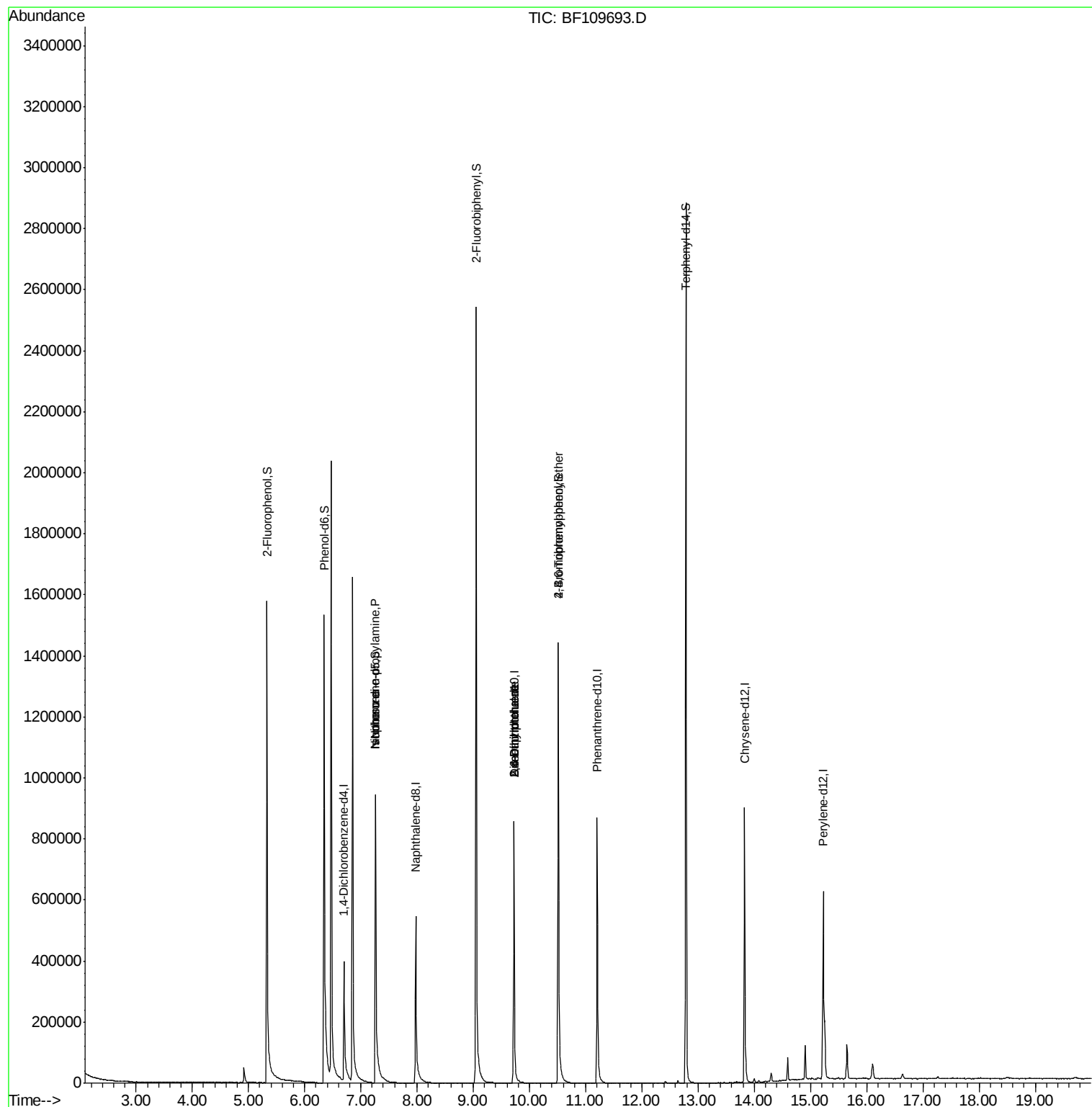
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	98390	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	433307	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	216310	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	445071	20.00	ng	0.00
75) Chrysene-d12	13.83	240	381347	20.00	ng	0.00
86) Perylene-d12	15.23	264	337802	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	583546	105.28	ng	0.00
7) Phenol-d6	6.35	99	850871	114.91	ng	-0.01
23) Nitrobenzene-d5	7.26	82	553145	70.37	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	248459	105.42	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	1063642	67.72	ng	0.00
78) Terphenyl-d14	12.79	244	1119556	56.83	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	68375	13.167	ng	# 77
25) Isophorone	7.26	82	553142	42.376	ng	# 67
49) Dimethylphthalate	9.73	163	49587	3.126	ng	# 1
50) 2,6-Dinitrotoluene	9.72	165	25879	7.525	ng	# 23
56) 2,4-Dinitrotoluene	9.72	165	26235	6.113	ng	# 20
66) 4-Bromophenyl-phenylether	10.51	248	14745	2.883	ng	# 1

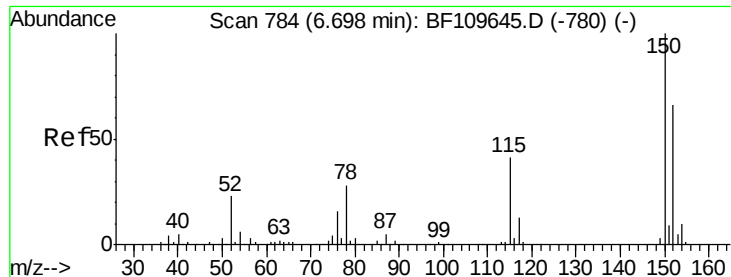
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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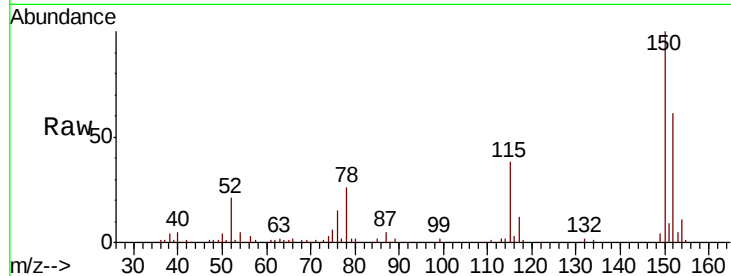


#1

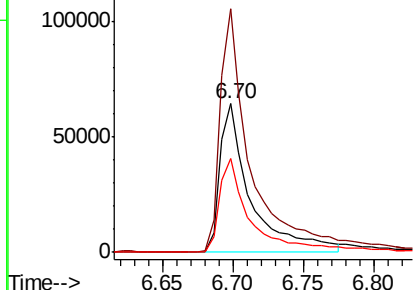
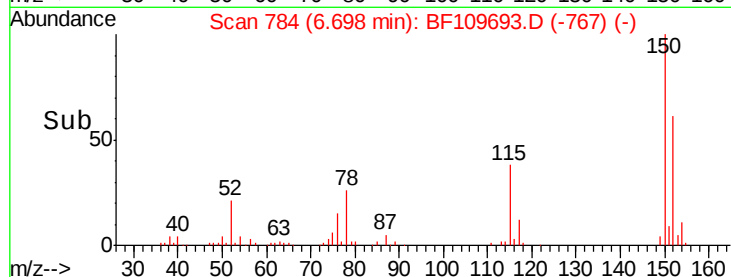
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF109693.D
Acq: 9 Oct 2018 14:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.7	122.7	184.1
115	62.9	49.1	73.7



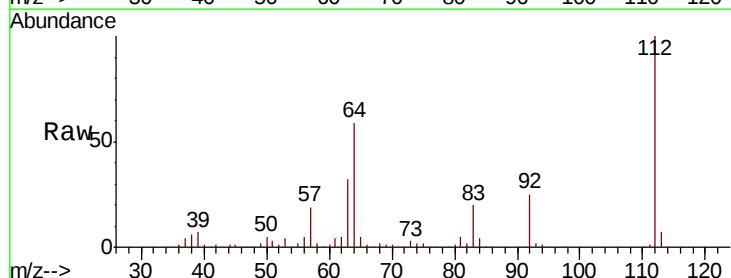
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



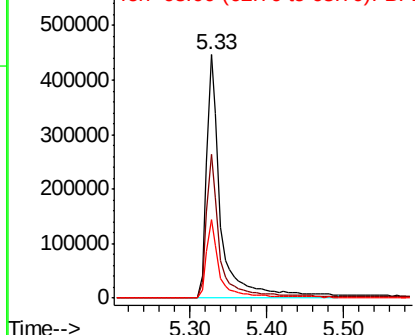
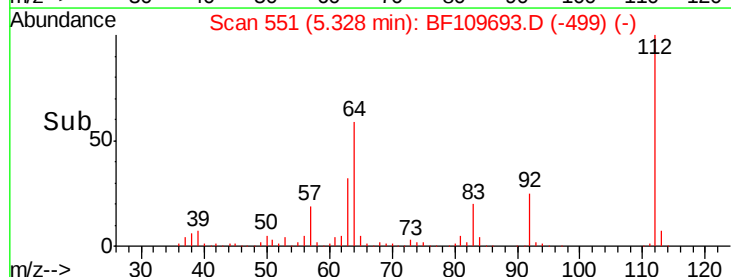
#5

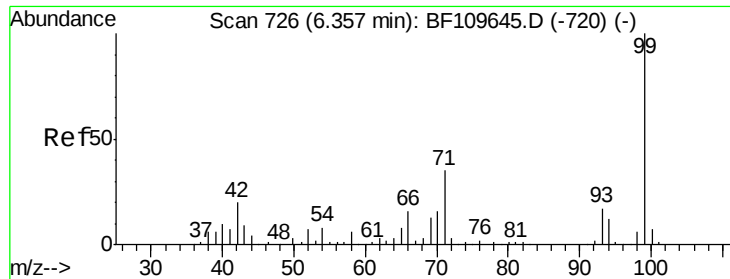
2-Fluorophenol
Concen: 105.276 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF109693.D
Acq: 9 Oct 2018 14:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.0	44.1	66.1
63	32.3	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: 114.908 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109693.D

Acq: 9 Oct 2018 14:22

Instrument :

BNA_F

ClientSampleId :

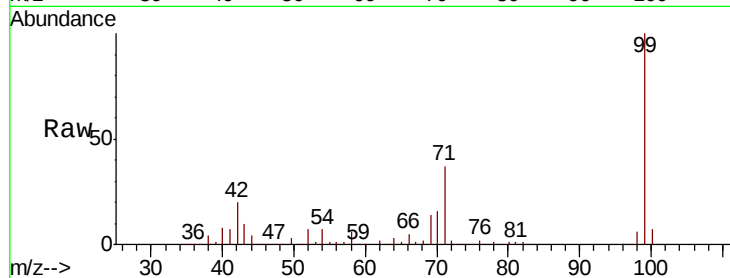
Tot Ion: 99 Resp: 850871

Ion Ratio Lower Upper

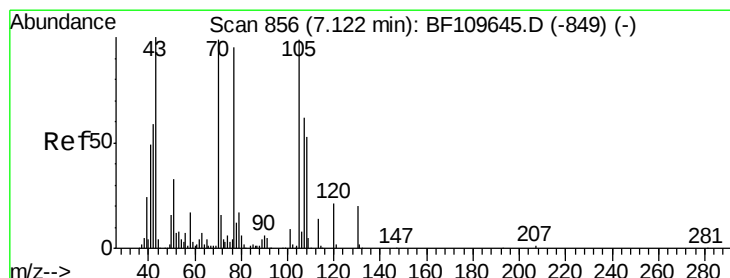
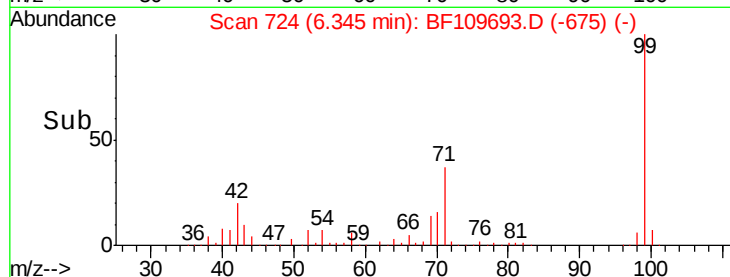
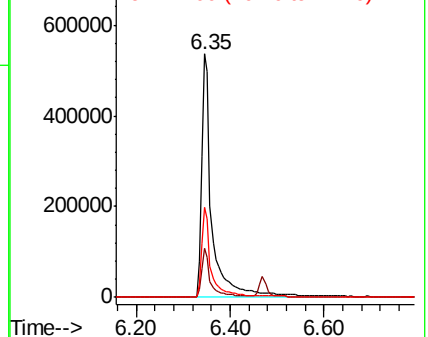
99 100

42 20.2 15.8 23.6

71 36.8 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



#19

n-Nitroso-di-n-propylamine

Concen: 13.167 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.14 min

Lab File: BF109693.D

Acq: 9 Oct 2018 14:22

Tgt Ion: 70 Resp: 68375

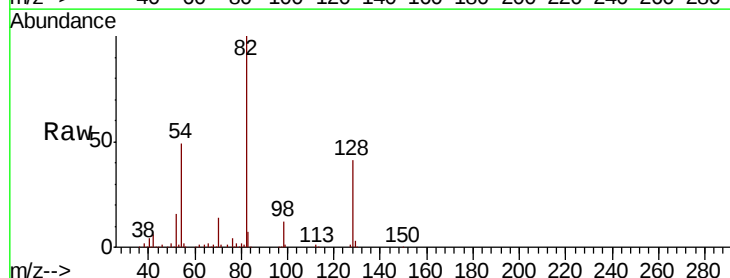
Ion Ratio Lower Upper

70 100

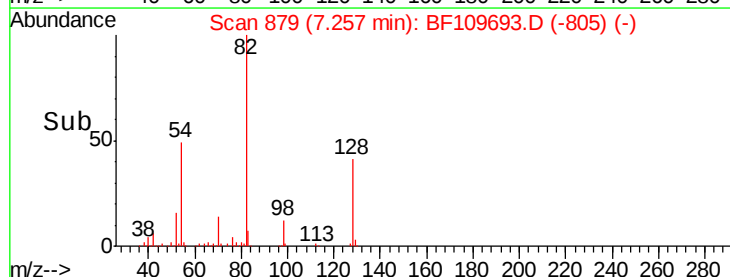
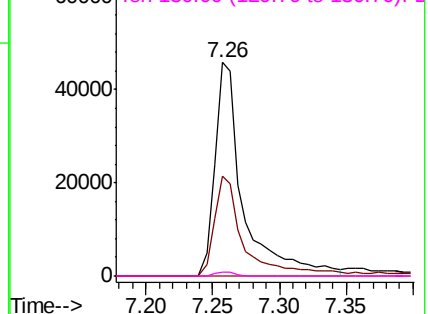
42 46.7 47.4 71.2#

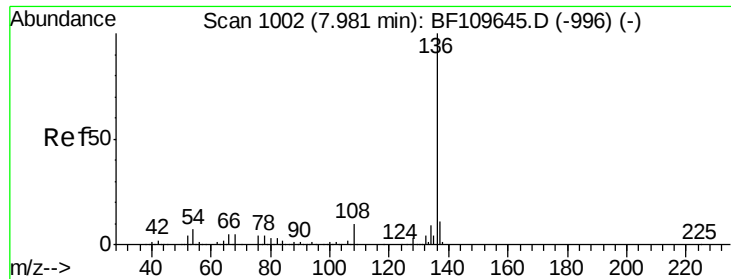
101 0.0 7.3 10.9#

130 1.9 16.2 24.2#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

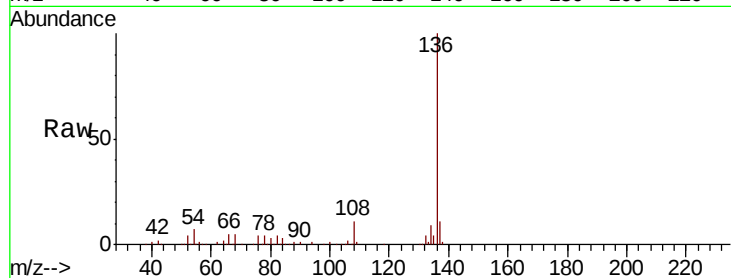




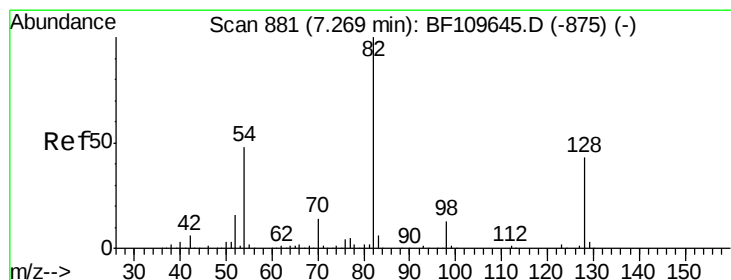
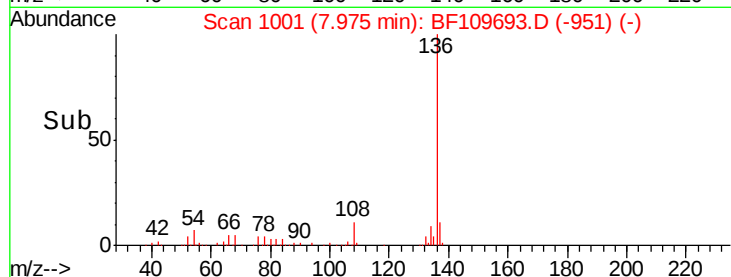
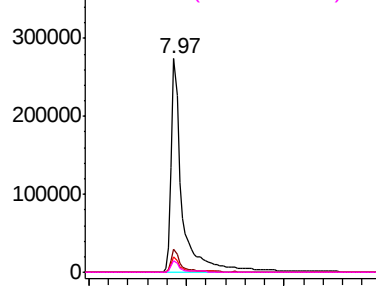
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109693.D
Acq: 9 Oct 2018 14:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	433307	
Ion Ratio	Lower	Upper	
136 100			
137 10.8	8.8	13.2	
54 7.0	5.4	8.2	
68 5.4	4.2	6.2	

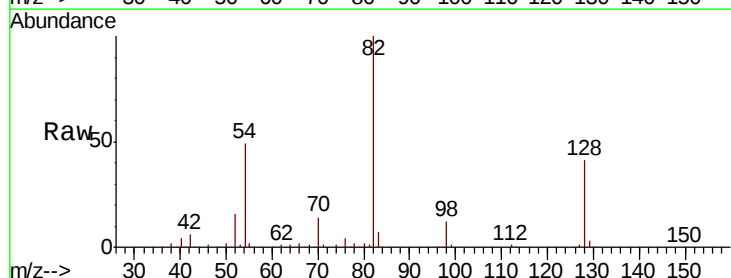


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

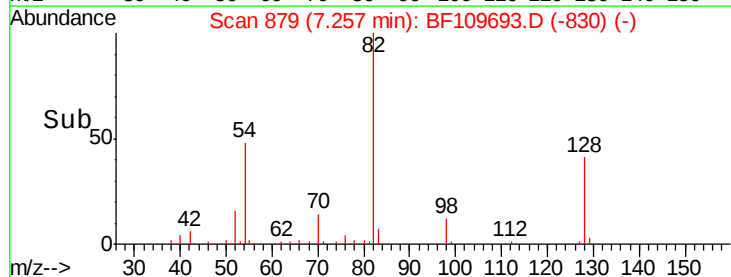
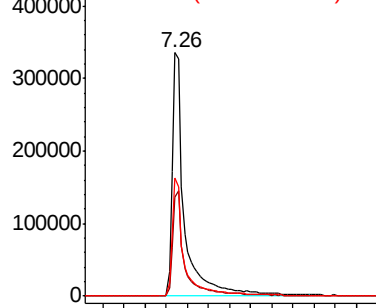


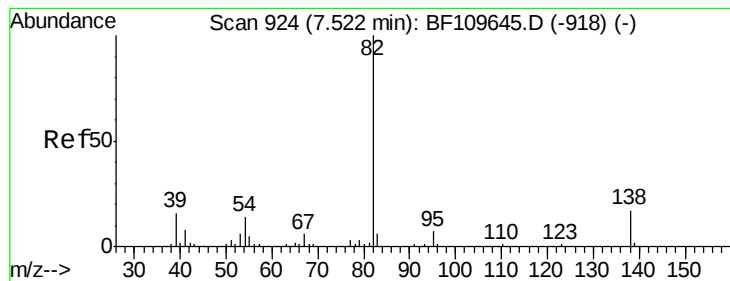
#23
Nitrobenzene-d5
Concen: 70.369 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF109693.D
Acq: 9 Oct 2018 14:22

Tgt Ion: 82	Resp: 553145
Ion Ratio	Lower Upper
82 100	
128 40.8	34.2 51.2
54 48.5	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: 42.376 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.26 min

Lab File: BF109693.D

Acq: 9 Oct 2018 14:22

Instrument :

BNA_F

ClientSampled :

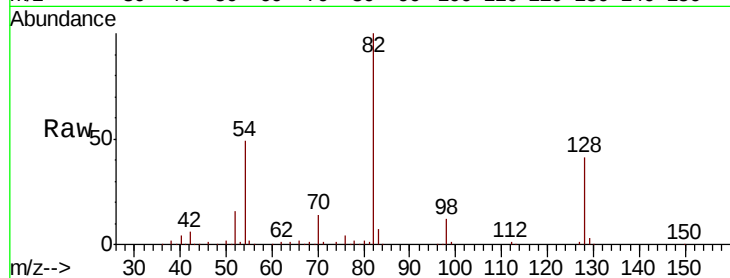
Tot Ion: 82 Resp: 553142

Ion Ratio Lower Upper

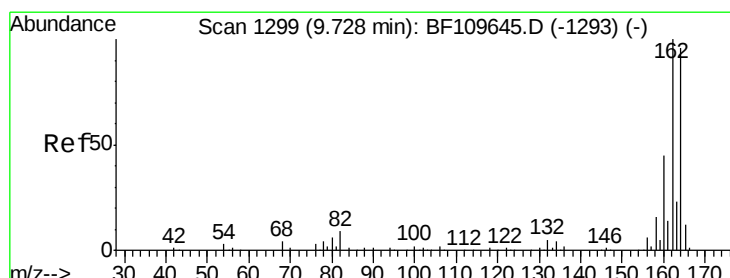
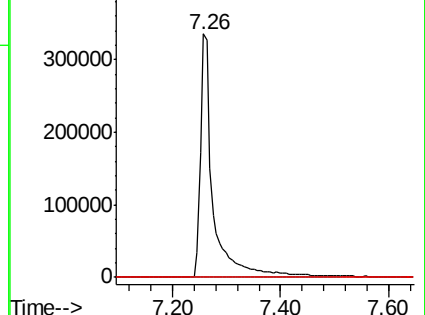
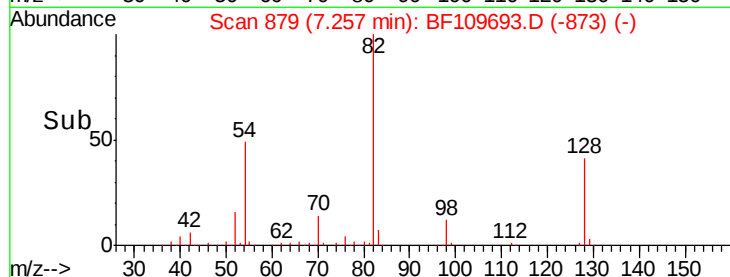
82 100

95 0.0 5.7 8.5#

138 0.0 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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BF109693.D

Acq: 9 Oct 2018 14:22

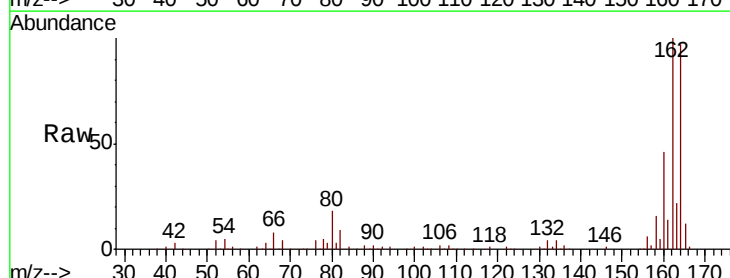
Tgt Ion:164 Resp: 216310

Ion Ratio Lower Upper

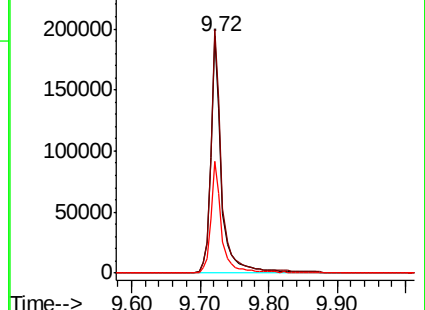
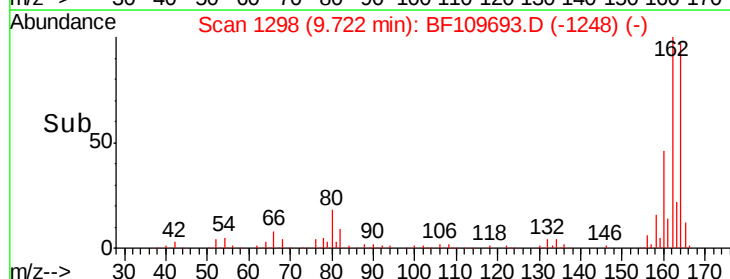
164 100

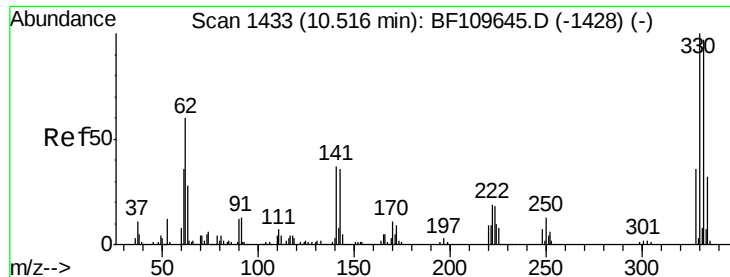
162 102.7 83.0 124.6

160 47.1 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

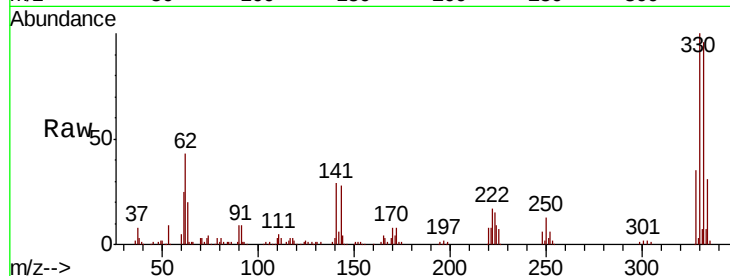




#41
 2,4,6-Tribromophenol
 Concen: 105.416 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: BF109693.D
 Acq: 9 Oct 2018 14:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.1	115.7
141	34.6	27.0	40.4

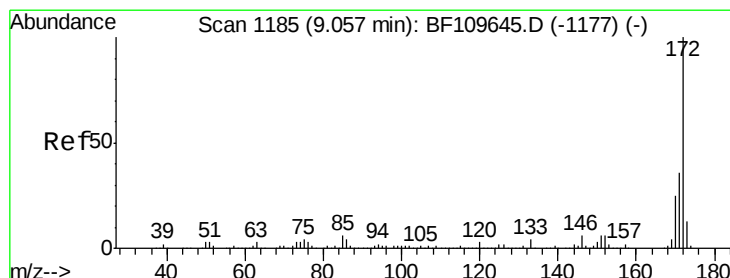
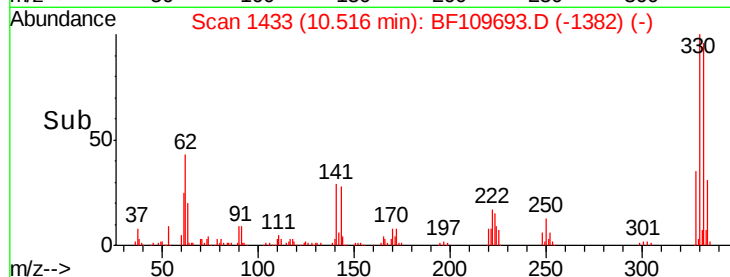
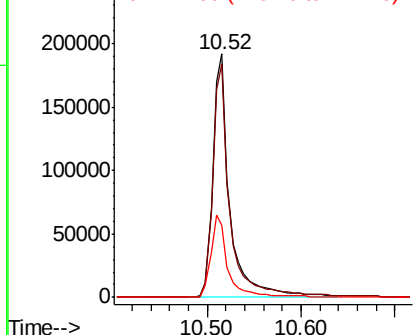


Abundance

Ion 329.80 (329.50 to 330.50): E

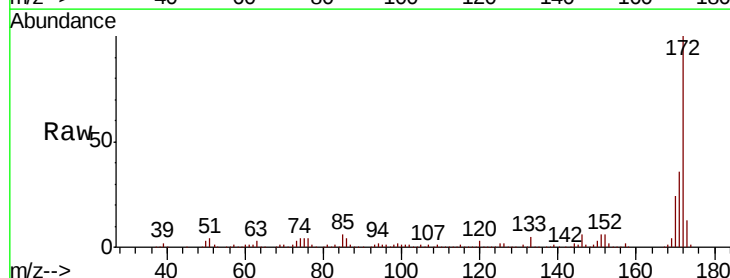
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 67.722 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109693.D
 Acq: 9 Oct 2018 14:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	43.0
170	24.0	19.7	29.5

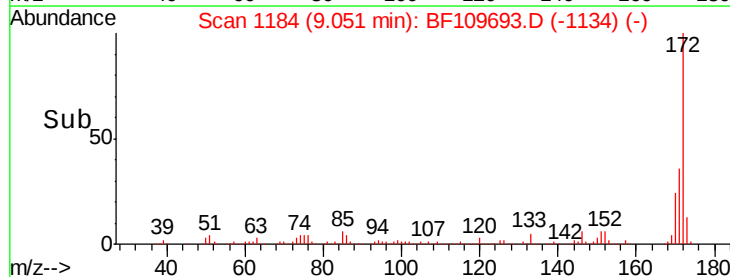
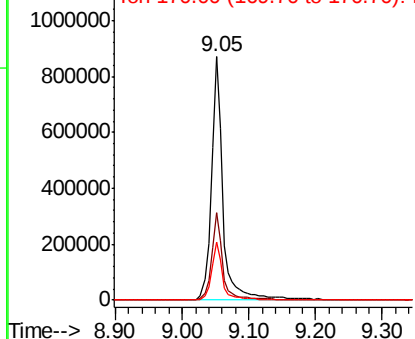


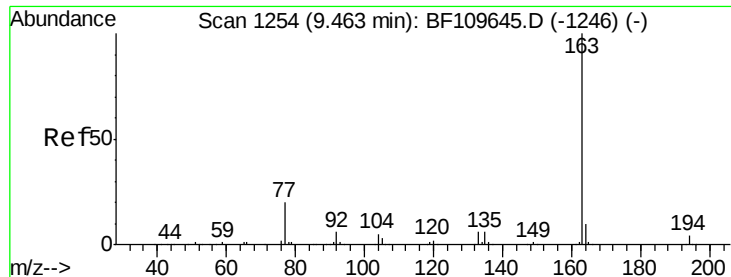
Abundance

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

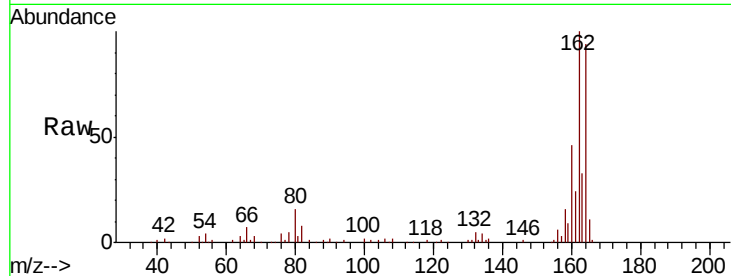




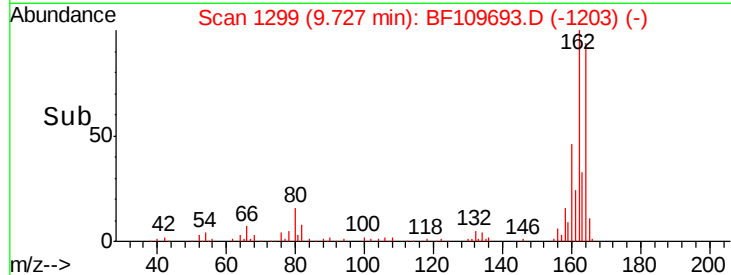
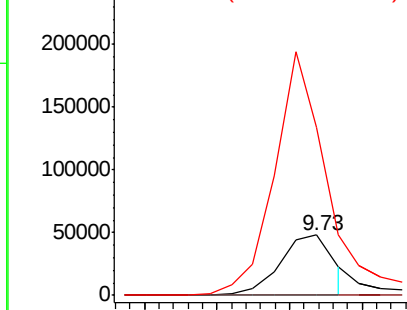
#49
Dimethylphthalate
Concen: 3.126 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.26 min
Lab File: BF109693.D
Acq: 9 Oct 2018 14:22

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 49587
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 280.3 8.1 12.1#

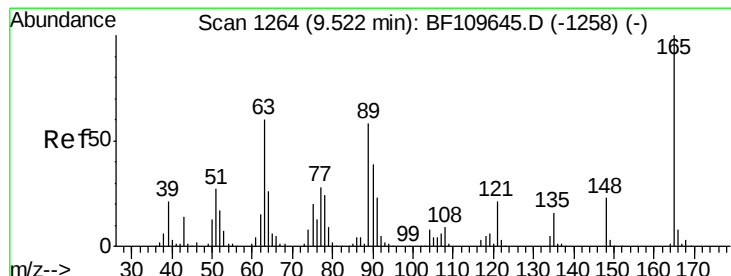


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

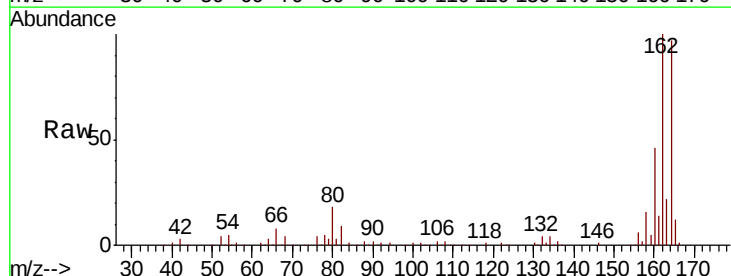
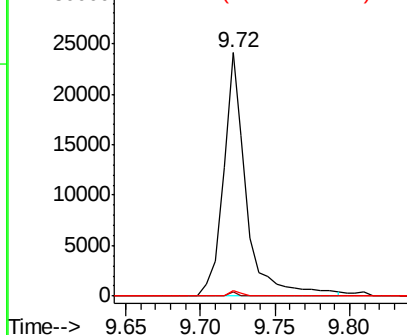


#50
2,6-Dinitrotoluene
Concen: 7.525 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.20 min
Lab File: BF109693.D
Acq: 9 Oct 2018 14:22

Tgt Ion:165 Resp: 25879
Ion Ratio Lower Upper
165 100
63 1.8 48.9 73.3#
89 2.0 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

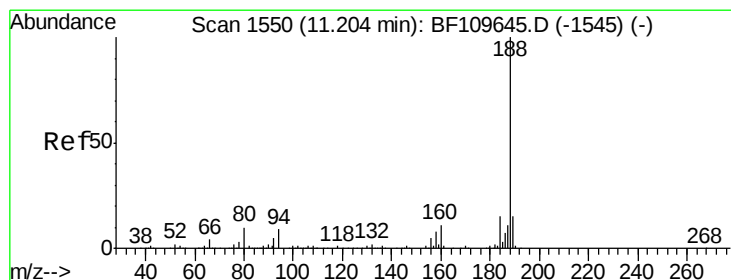
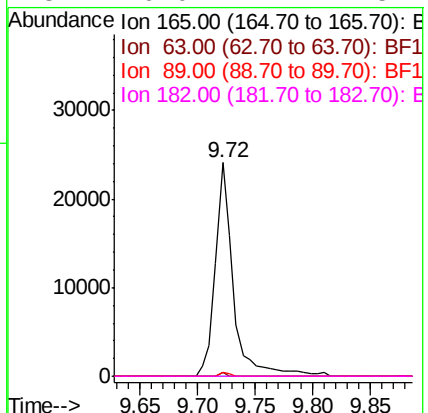
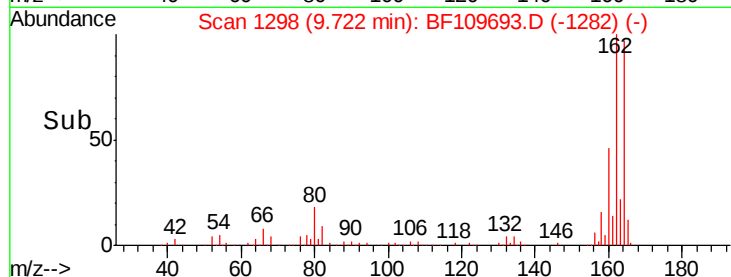
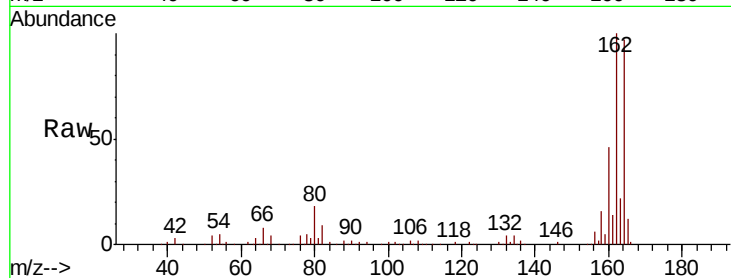




#56
 2,4-Dinitrotoluene
 Concen: 6.113 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.21 min
 Lab File: BF109693.D
 Acq: 9 Oct 2018 14:22

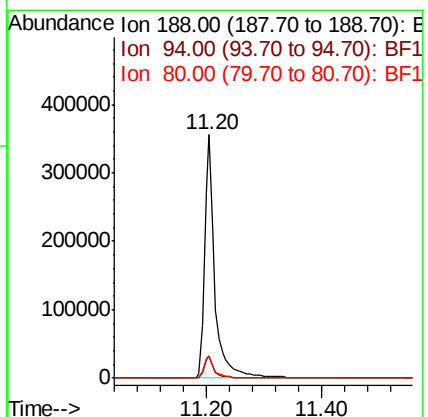
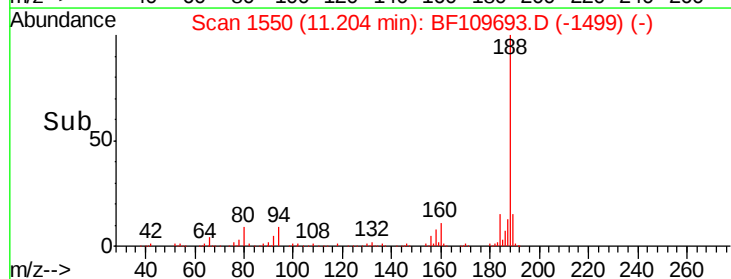
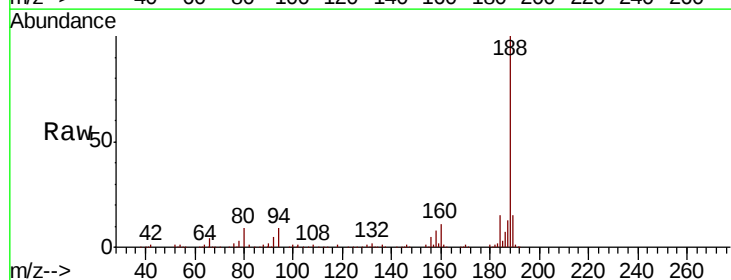
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.8	44.8	67.2#
89	2.0	62.2	93.4#
182	0.0	2.1	3.1#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. -0.00 min
 Lab File: BF109693.D
 Acq: 9 Oct 2018 14:22

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.2	10.8
80	9.1	7.9	11.9

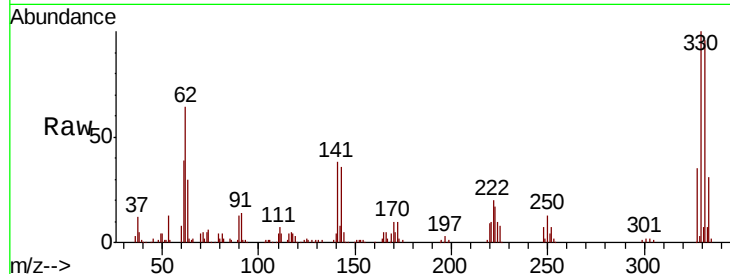




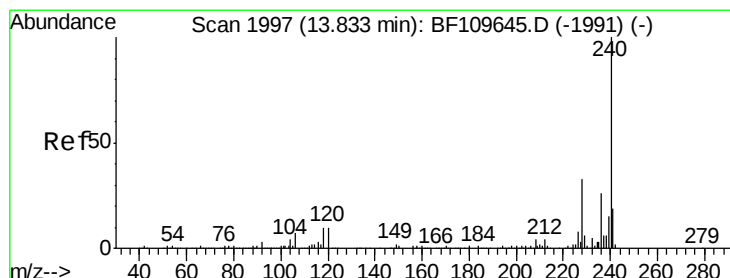
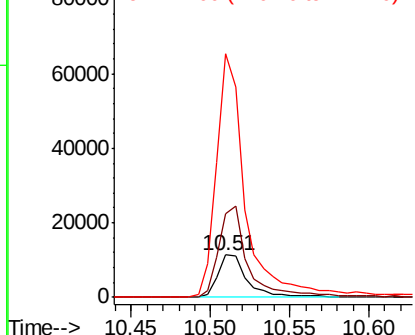
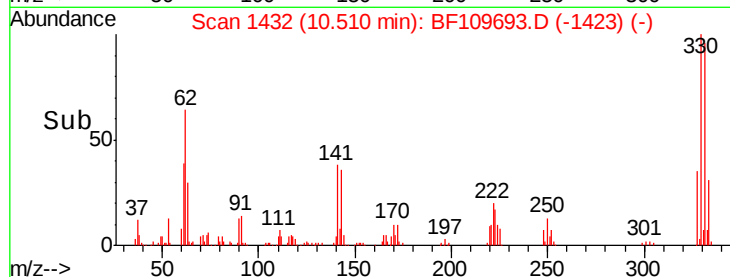
#66
 4-Bromophenyl-phenylether
 Concen: 2.883 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.25 min
 Lab File: BF109693.D
 Acq: 9 Oct 2018 14:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 14745
 Ion Ratio Lower Upper
 248 100
 250 199.1 79.4 119.2#
 141 578.6 55.9 83.9#

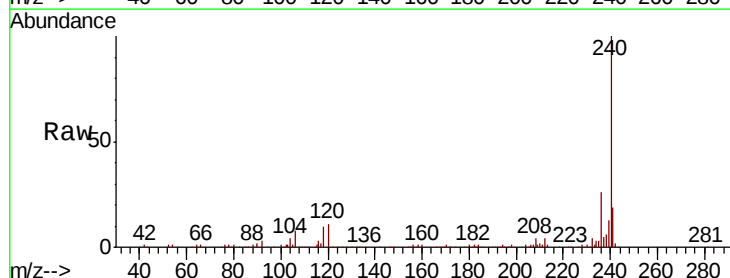


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

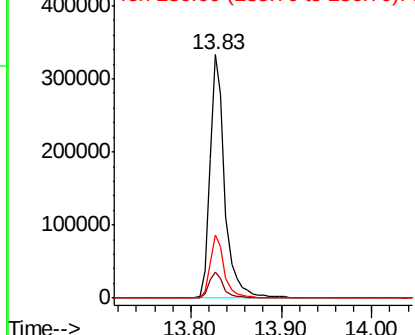
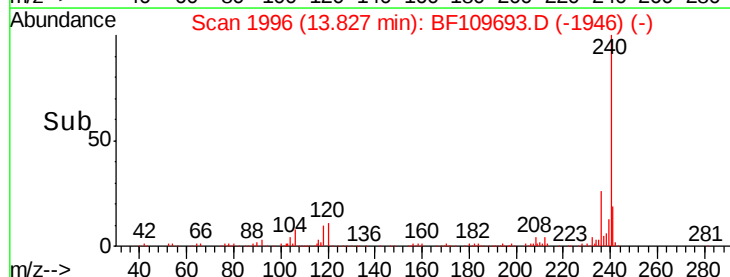


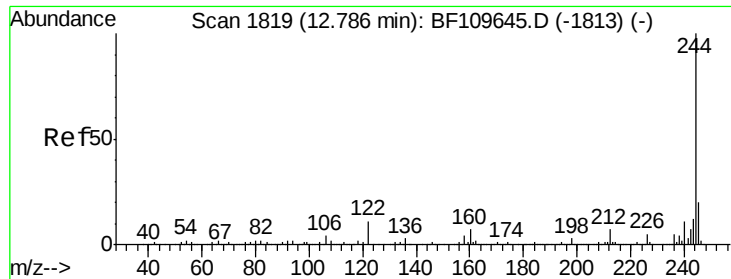
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.01 min
 Lab File: BF109693.D
 Acq: 9 Oct 2018 14:22

Tgt Ion:240 Resp: 381347
 Ion Ratio Lower Upper
 240 100
 120 10.9 8.3 12.5
 236 26.1 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

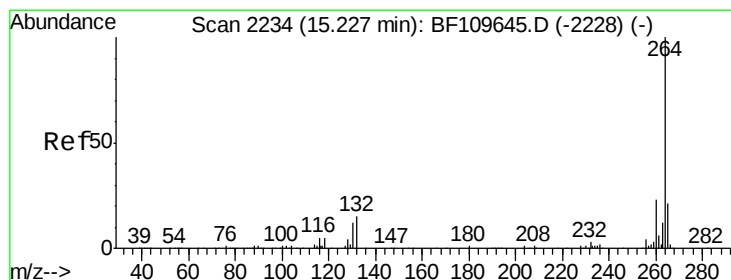
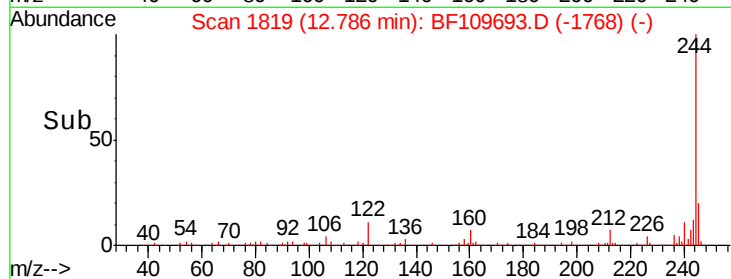
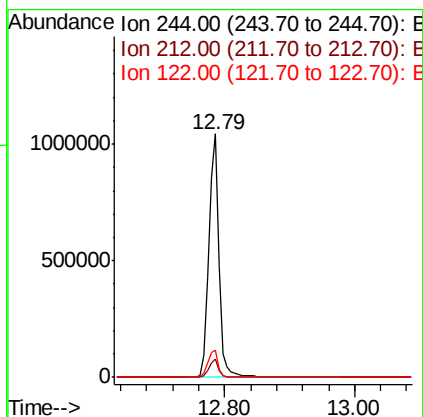
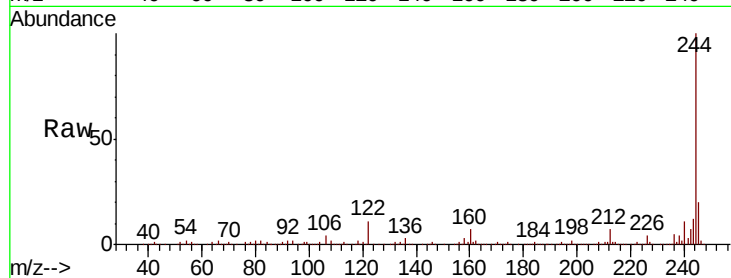




#78
 Terphenyl-d14
 Concen: 56.832 ng
 RT: 12.79 min Scan# 1819
 Delta R.T. 0.00 min
 Lab File: BF109693.D
 Acq: 9 Oct 2018 14:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1119556
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.8 8.8
 122 11.0 8.7 13.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2234
 Delta R.T. -0.00 min
 Lab File: BF109693.D
 Acq: 9 Oct 2018 14:22

Tgt Ion:264 Resp: 337802
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.7 28.1
 265 21.6 16.7 25.1

