

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101018\
 Data File : BF109749.D
 Acq On : 10 Oct 2018 18:23
 Operator : JU/SJ
 Sample : J5302-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 10 18:54:53 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

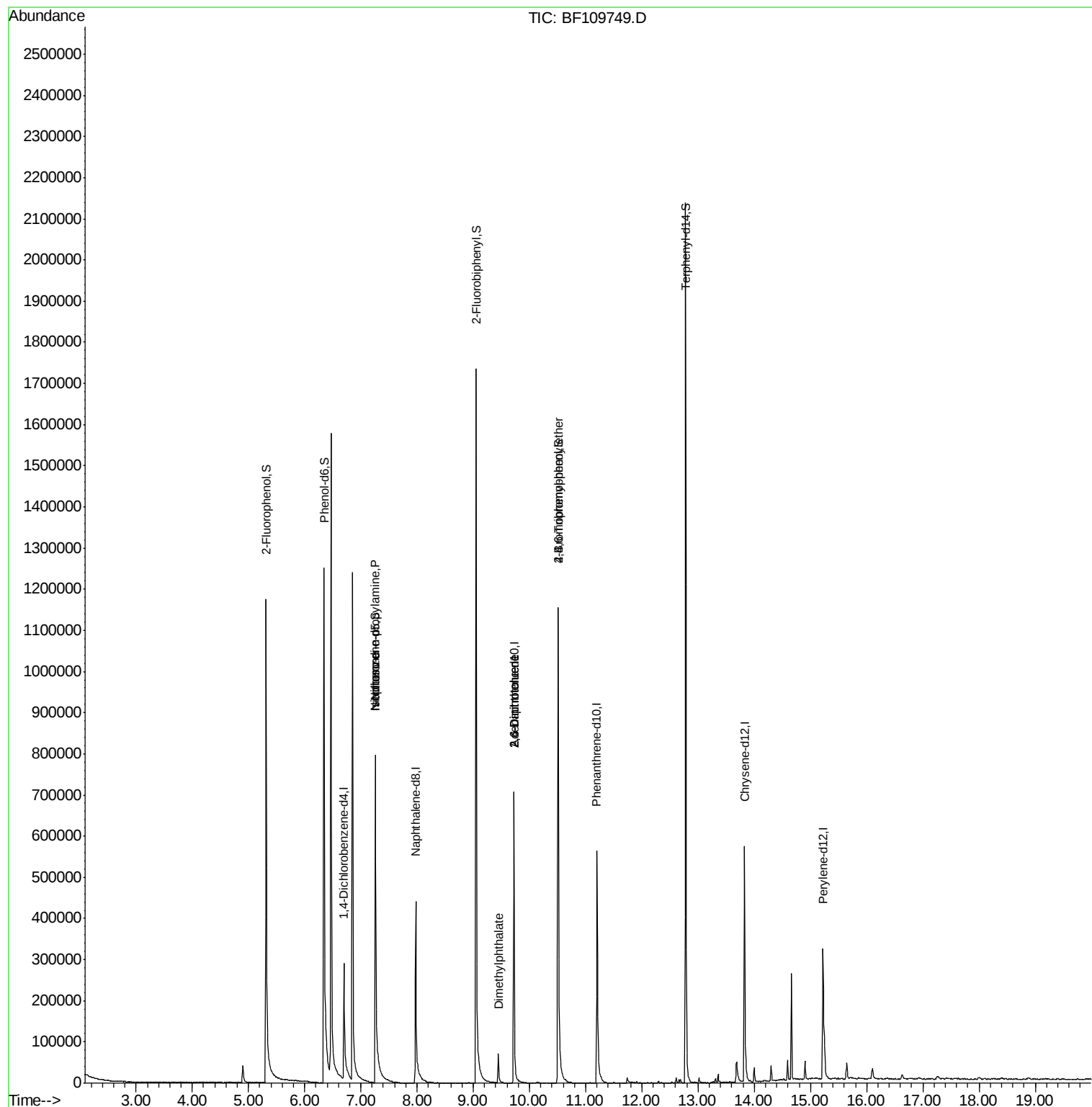
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	76217	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	333218	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	166011	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	335487	20.00	ng	0.00
75) Chrysene-d12	13.83	240	255989	20.00	ng	0.00
86) Perylene-d12	15.22	264	204069	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	486989	113.42	ng	0.00
7) Phenol-d6	6.35	99	682645	119.01	ng	-0.01
23) Nitrobenzene-d5	7.26	82	433687	71.74	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	199677	110.39	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	753788	62.54	ng	0.00
78) Terphenyl-d14	12.78	244	782046	59.14	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	54352	13.512	ng	# 76
25) Isophorone	7.26	82	439827	43.816	ng	# 67
49) Dimethylphthalate	9.45	163	45834	3.764	ng	# 99
50) 2,6-Dinitrotoluene	9.72	165	19384	7.345	ng	# 22
56) 2,4-Dinitrotoluene	9.72	165	19650	5.966	ng	# 18
66) 4-Bromophenyl-phenylether	10.51	248	11614	3.013	ng	# 1

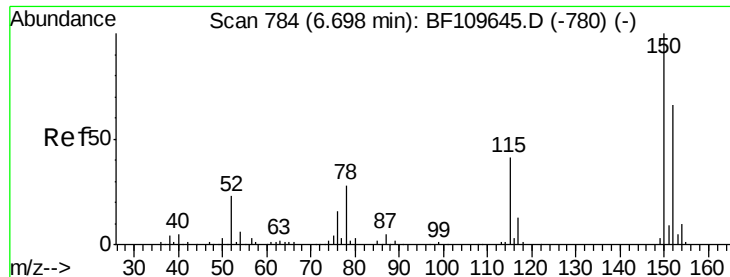
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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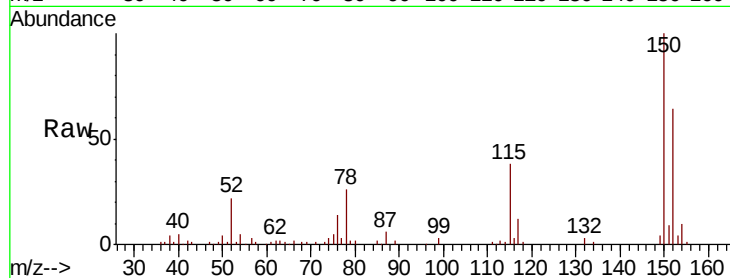


#1

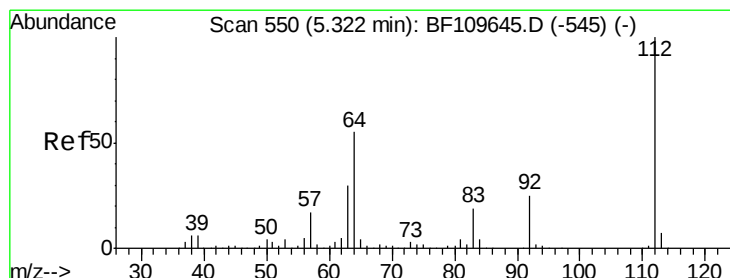
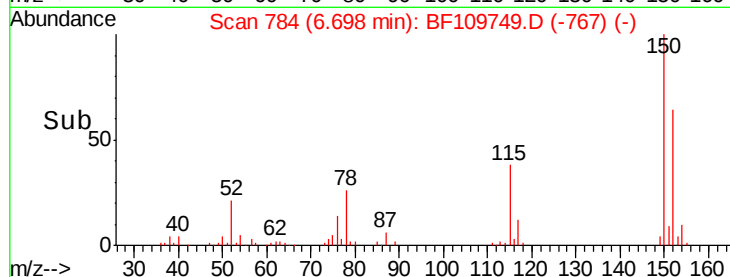
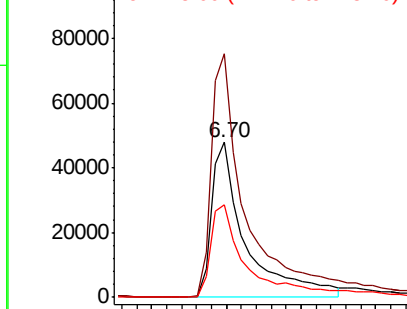
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF109749.D
Acq: 10 Oct 2018 18:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 76217
Ion Ratio Lower Upper
152 100
150 157.3 122.7 184.1
115 59.6 49.1 73.7



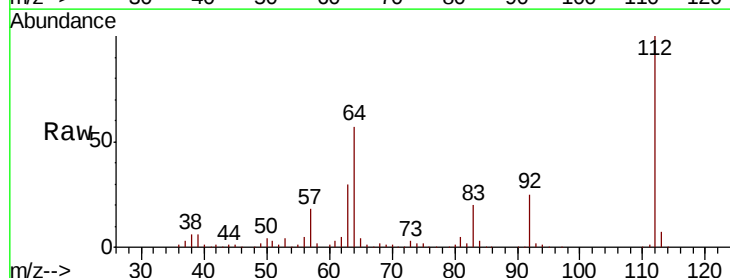
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



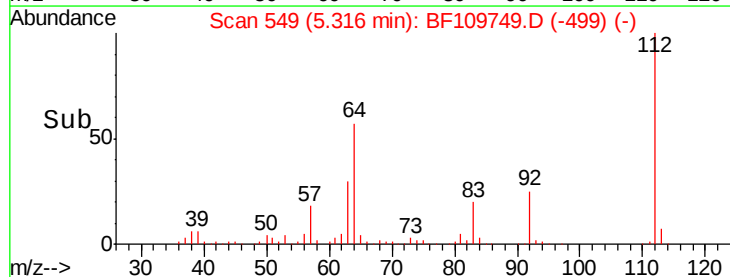
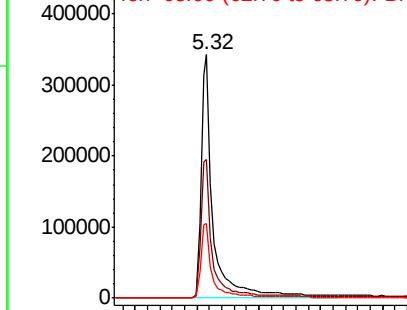
#5

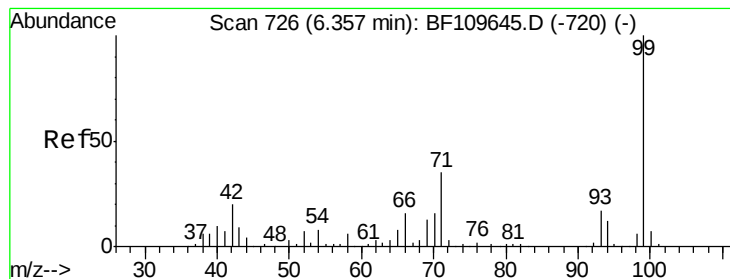
2-Fluorophenol
Concen: 113.416 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.01 min
Lab File: BF109749.D
Acq: 10 Oct 2018 18:23

Tgt Ion:112 Resp: 486989
Ion Ratio Lower Upper
112 100
64 57.0 44.1 66.1
63 30.4 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: 119.009 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109749.D

Acq: 10 Oct 2018 18:23

Instrument :

BNA_F

ClientSampled :

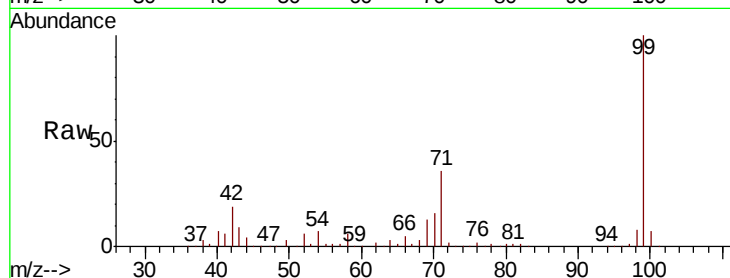
Tot Ion: 99 Resp: 682645

Ion Ratio Lower Upper

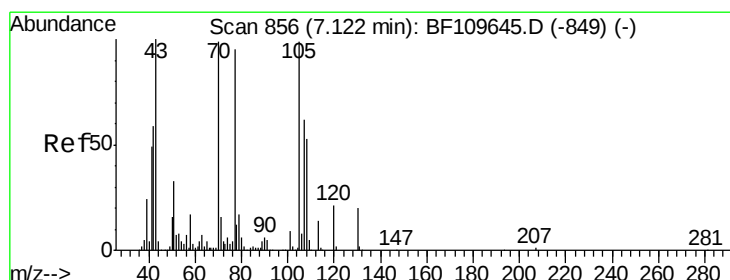
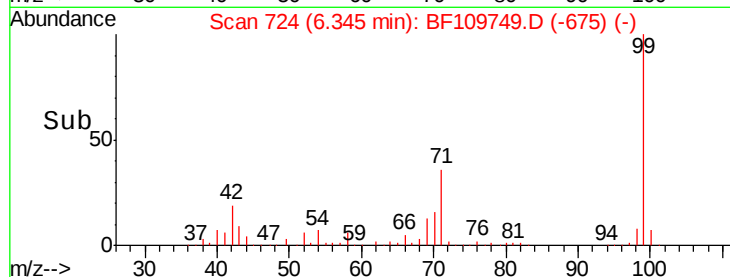
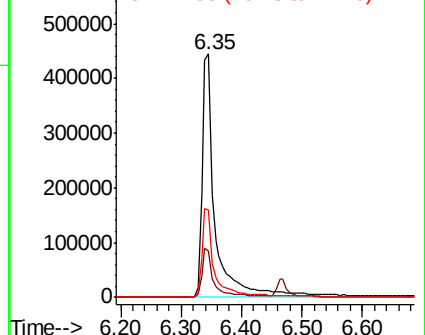
99 100

42 18.9 15.8 23.6

71 35.8 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: 13.512 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.14 min

Lab File: BF109749.D

Acq: 10 Oct 2018 18:23

Tgt Ion: 70 Resp: 54352

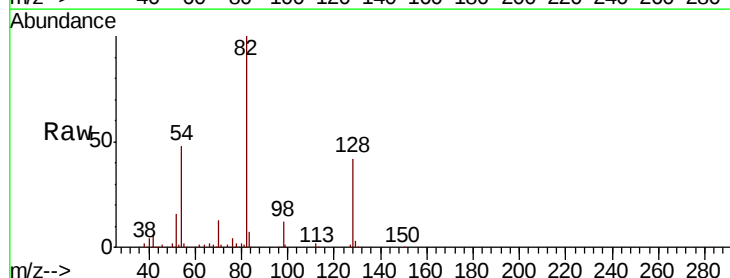
Ion Ratio Lower Upper

70 100

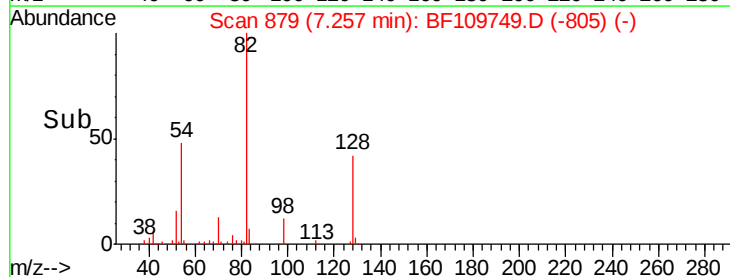
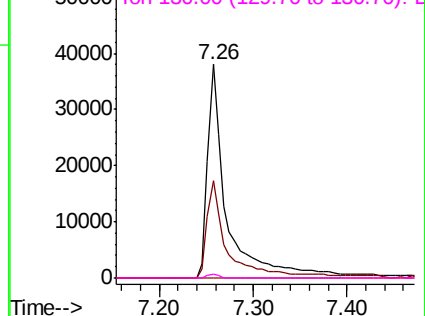
42 45.8 47.4 71.2#

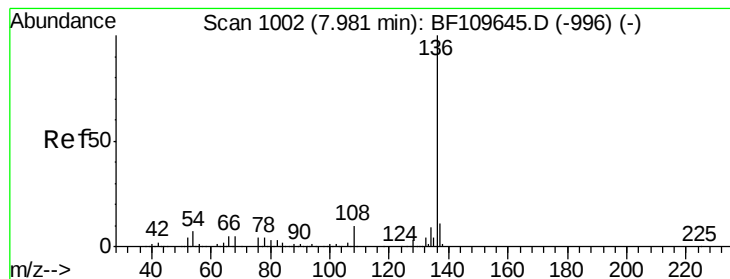
101 0.0 7.3 10.9#

130 1.7 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: BF109749.D

Acq: 10 Oct 2018 18:23

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 333218

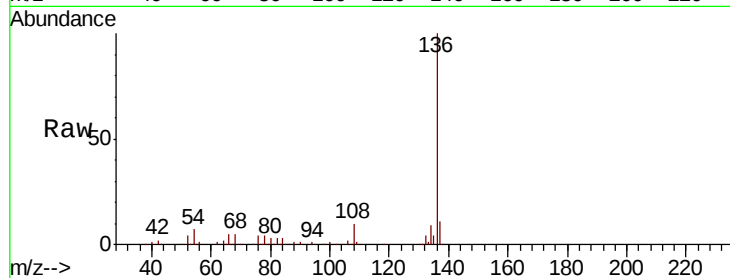
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 6.8 5.4 8.2

68 5.3 4.2 6.2

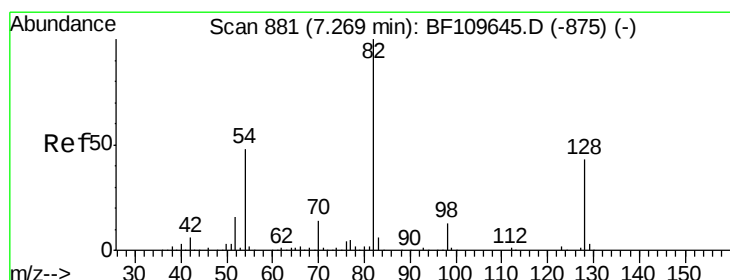
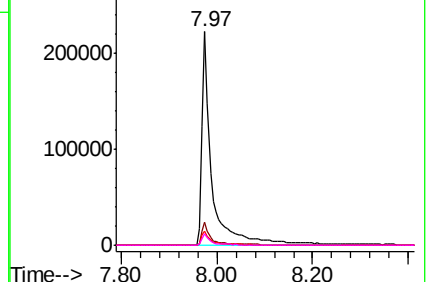
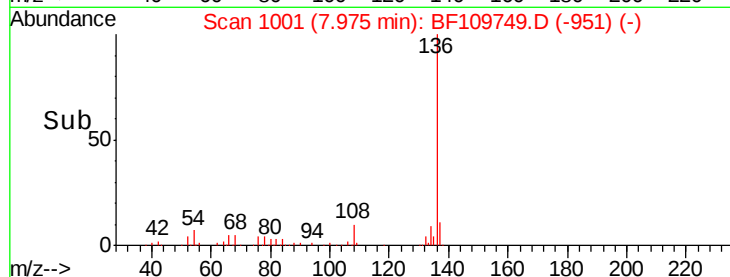


Abundance Ion 136.00 (135.70 to 136.70): E

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: 71.744 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF109749.D

Acq: 10 Oct 2018 18:23

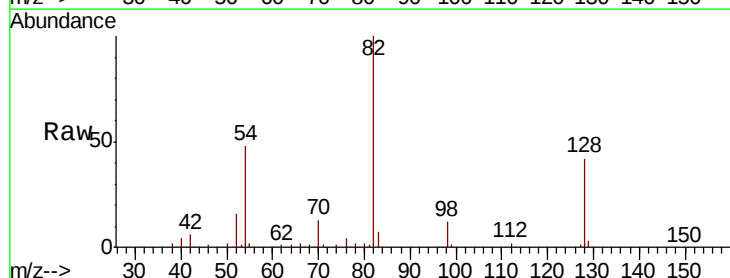
Tgt Ion: 82 Resp: 433687

Ion Ratio Lower Upper

82 100

128 41.6 34.2 51.2

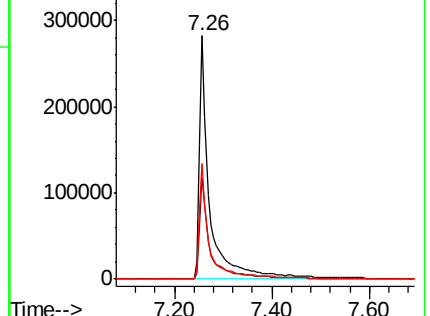
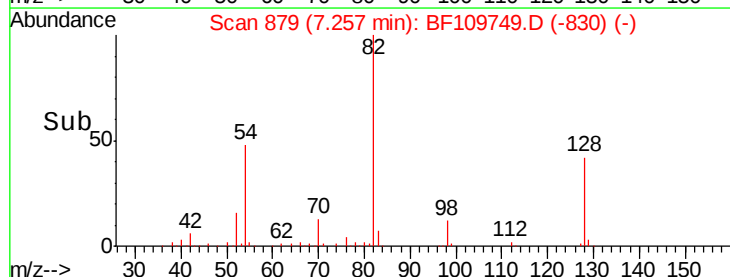
54 47.6 38.6 58.0

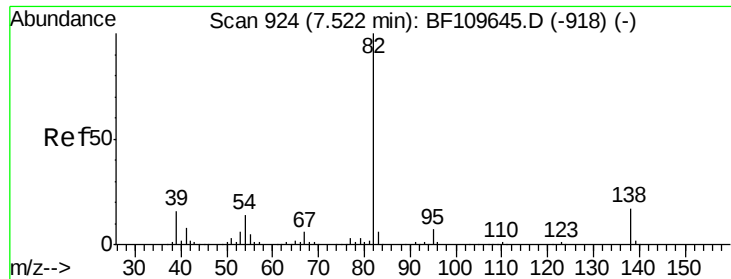


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

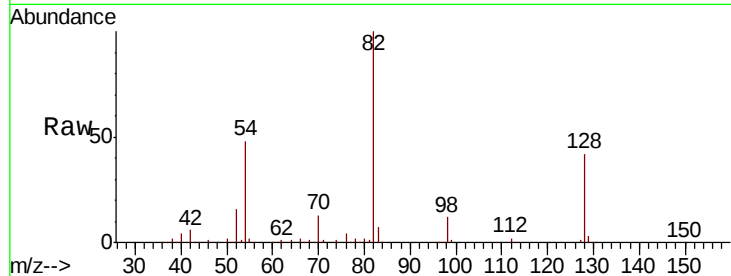




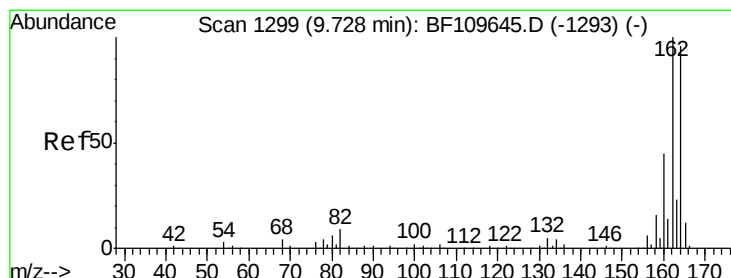
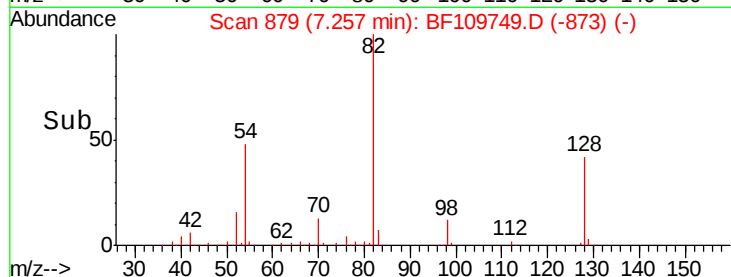
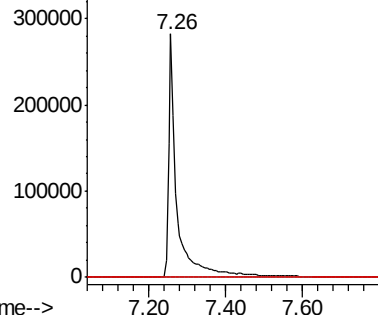
#25
Isophorone
Concen: 43.816 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.26 min
Lab File: BF109749.D
Acq: 10 Oct 2018 18:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 439827
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#

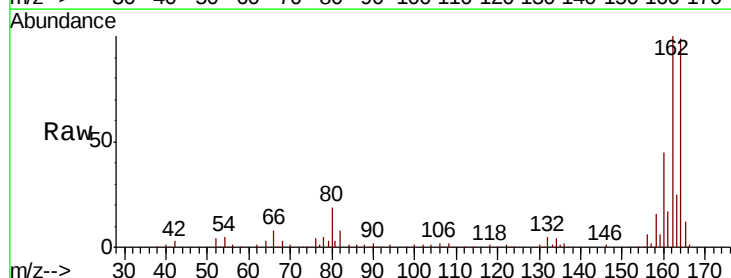


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

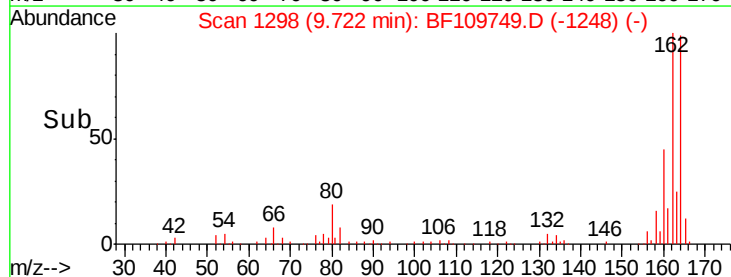
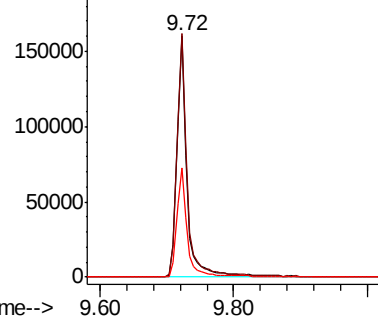


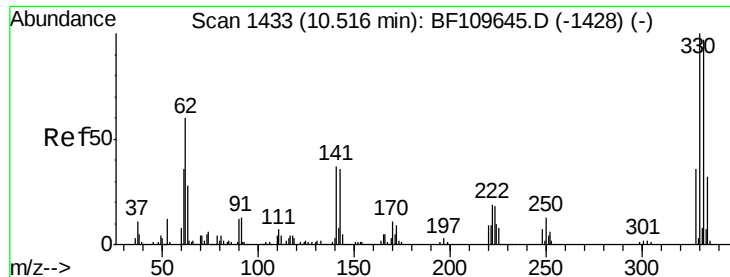
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF109749.D
Acq: 10 Oct 2018 18:23

Tgt Ion:164 Resp: 166011
Ion Ratio Lower Upper
164 100
162 100.9 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

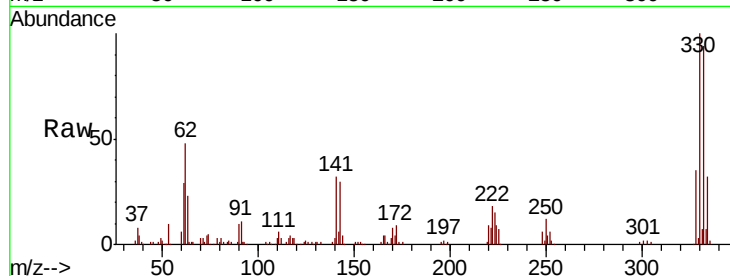




#41
 2,4,6-Tribromophenol
 Concen: 110.388 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109749.D
 Acq: 10 Oct 2018 18:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.0	77.1	115.7
141	34.0	27.0	40.4

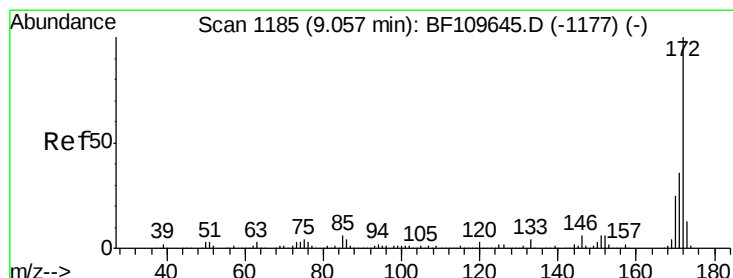
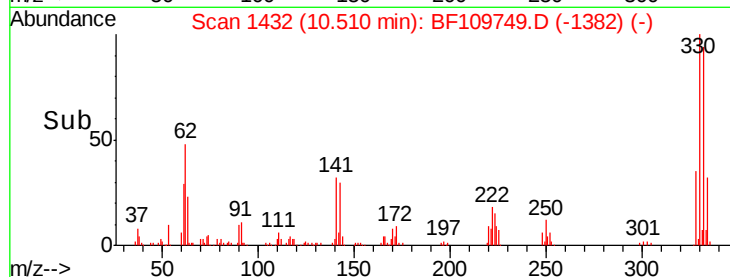
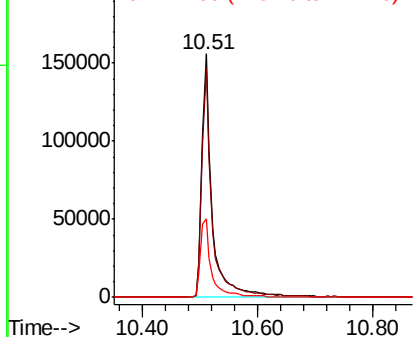


Abundance

Ion 329.80 (329.50 to 330.50): E

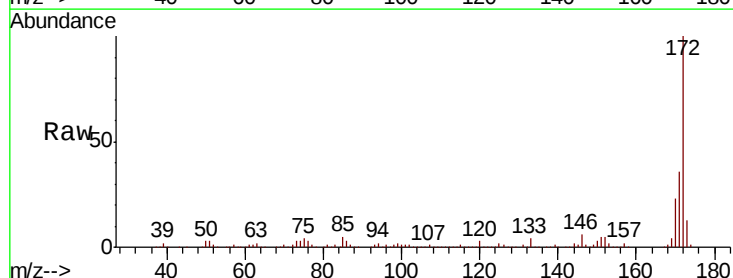
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 62.535 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109749.D
 Acq: 10 Oct 2018 18:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	43.0
170	23.5	19.7	29.5

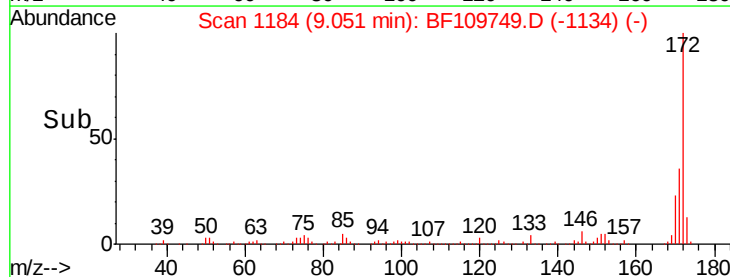
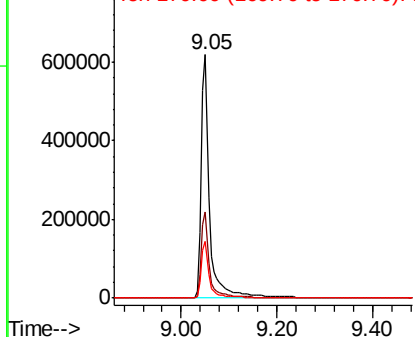


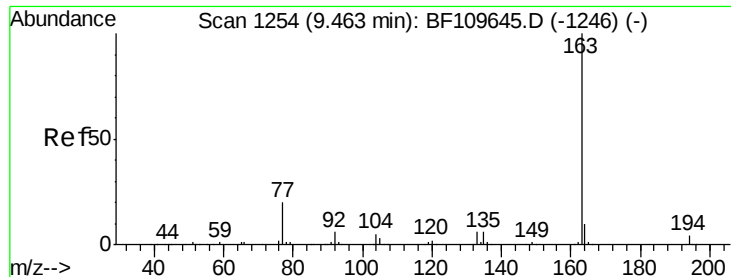
Abundance

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

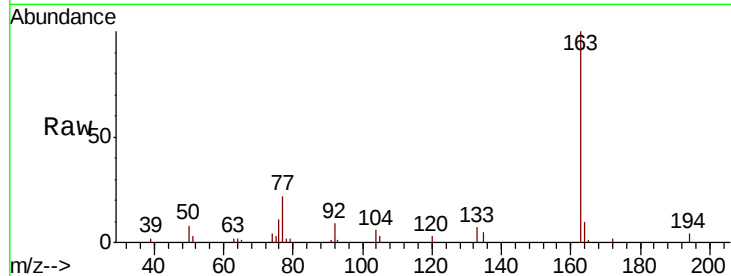




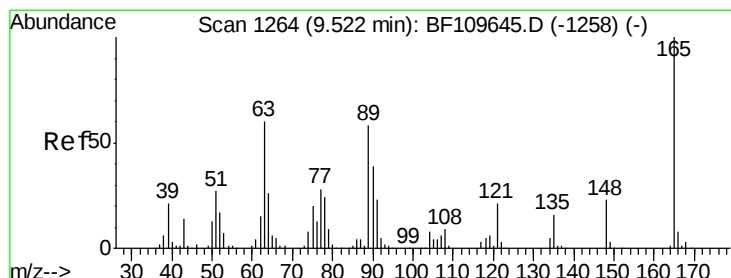
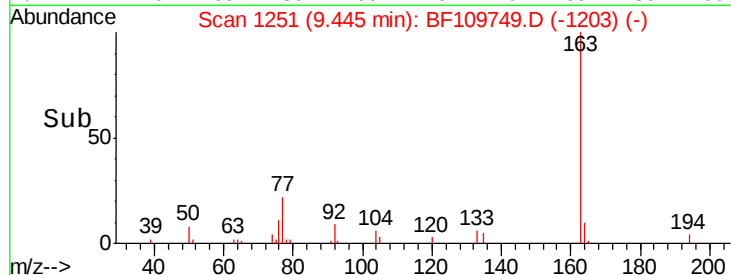
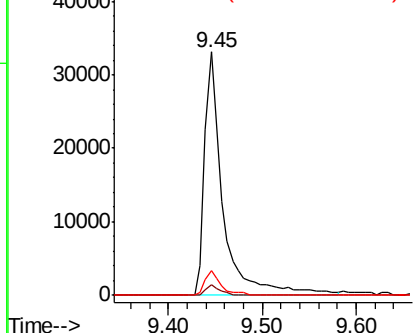
#49
Dimethylphthalate
Concen: 3.764 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF109749.D
Acq: 10 Oct 2018 18:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 45834
Ion Ratio Lower Upper
163 100
194 4.3 3.2 4.8
164 10.3 8.1 12.1

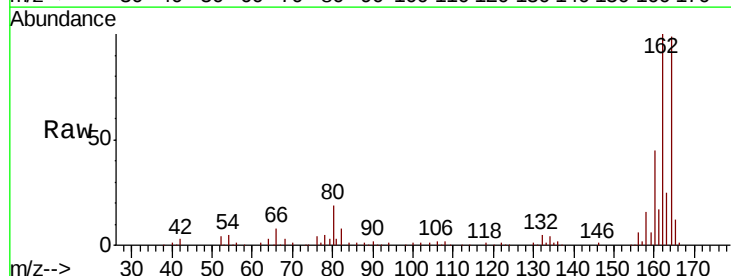


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

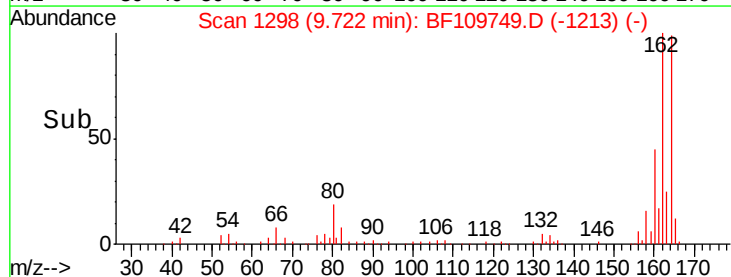
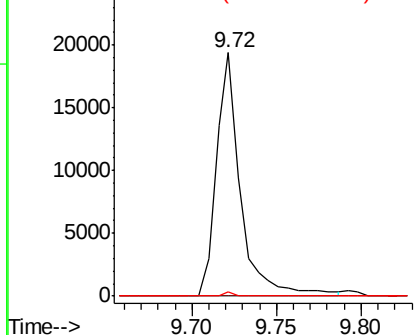


#50
2,6-Dinitrotoluene
Concen: 7.345 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.20 min
Lab File: BF109749.D
Acq: 10 Oct 2018 18:23

Tgt Ion:165 Resp: 19384
Ion Ratio Lower Upper
165 100
63 0.0 48.9 73.3#
89 1.8 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

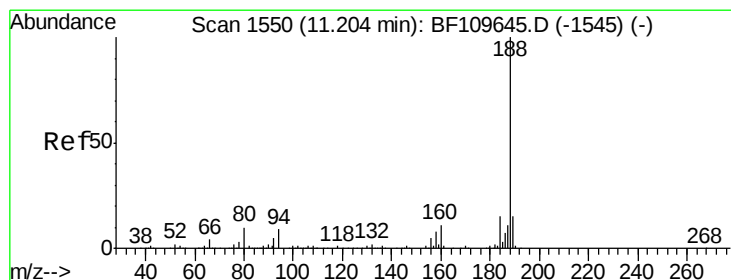
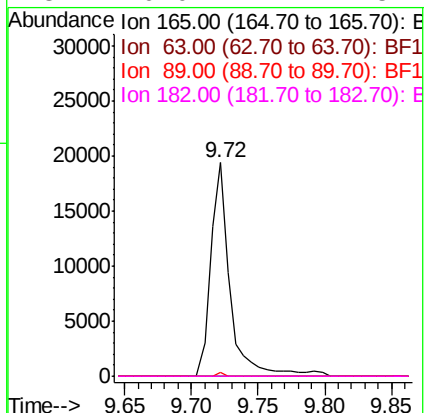
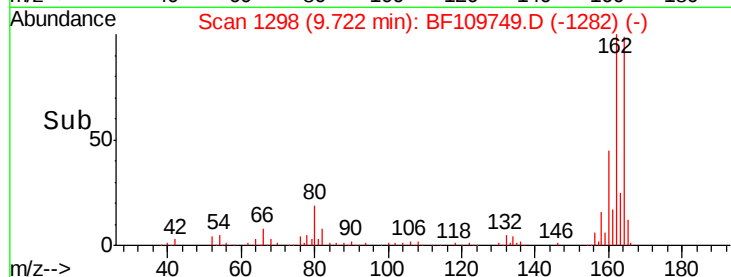
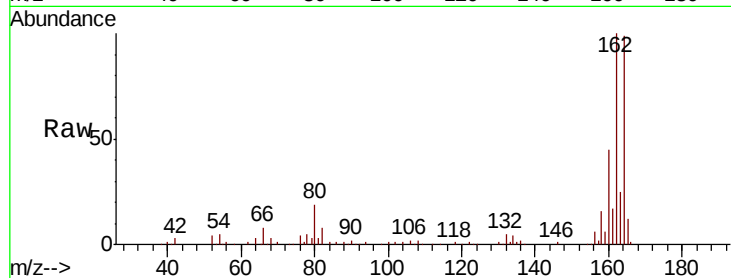




#56
2,4-Dinitrotoluene
Concen: 5.966 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.21 min
Lab File: BF109749.D
Acq: 10 Oct 2018 18:23

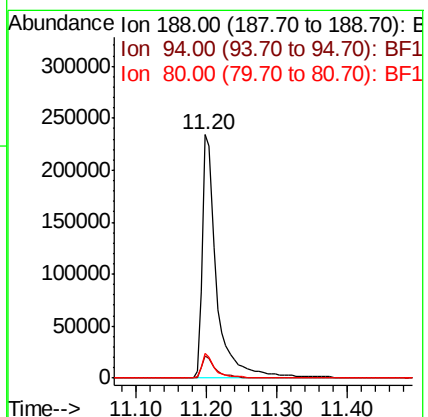
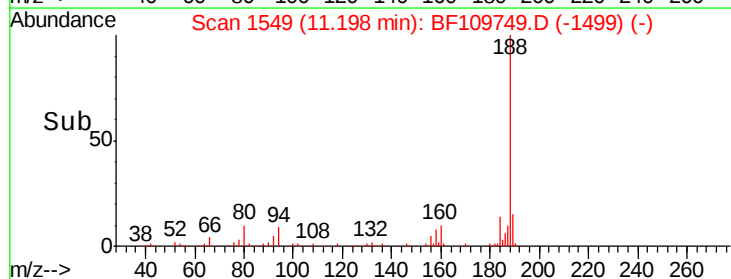
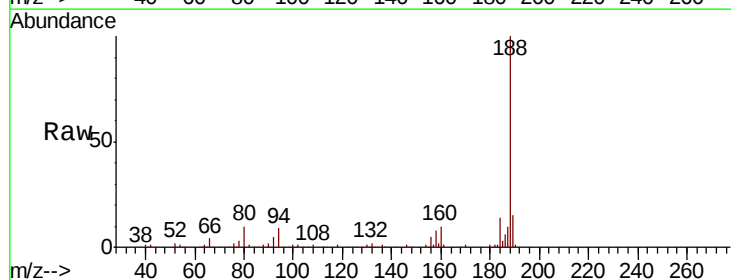
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	1.8	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: BF109749.D
Acq: 10 Oct 2018 18:23

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.2	10.8
80	10.3	7.9	11.9

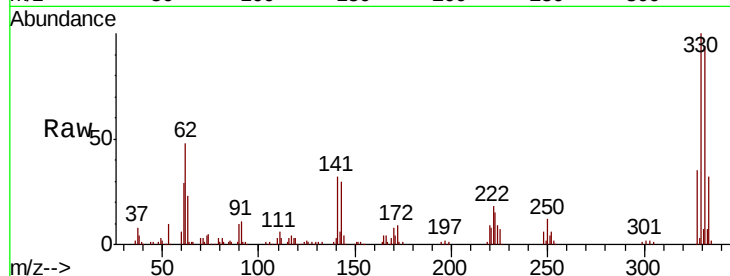




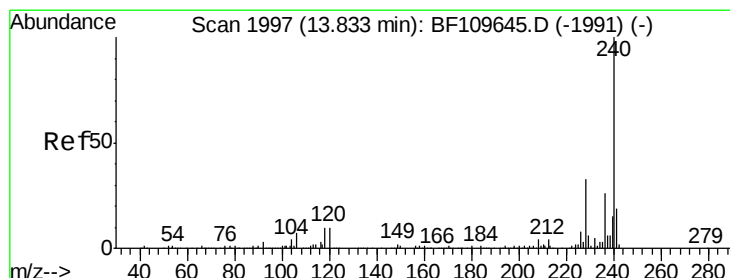
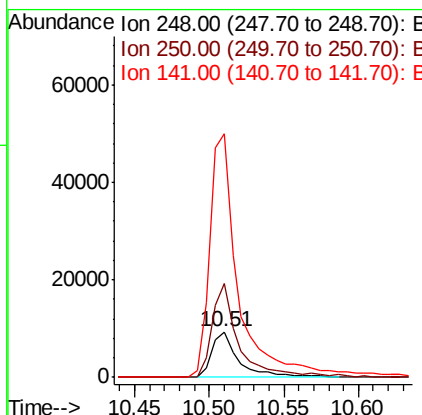
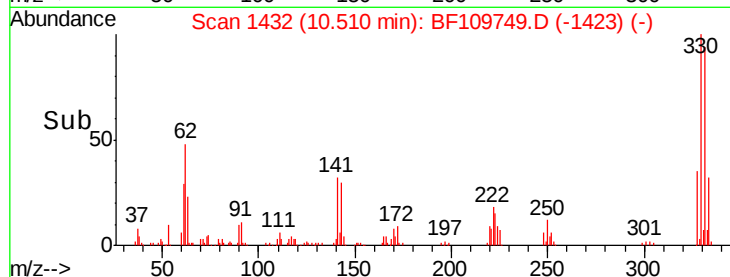
#66
 4-Bromophenyl-phenylether
 Concen: 3.013 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.25 min
 Lab File: BF109749.D
 Acq: 10 Oct 2018 18:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 11614
 Ion Ratio Lower Upper
 248 100
 250 208.5 79.4 119.2#
 141 538.5 55.9 83.9#

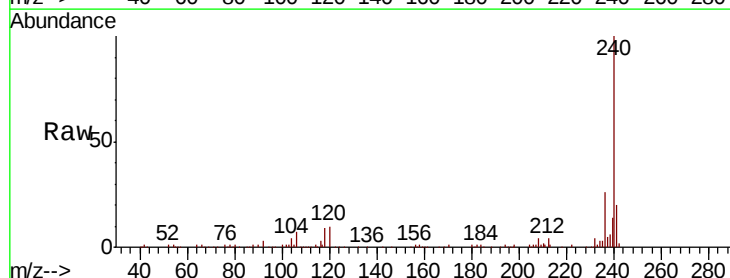


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

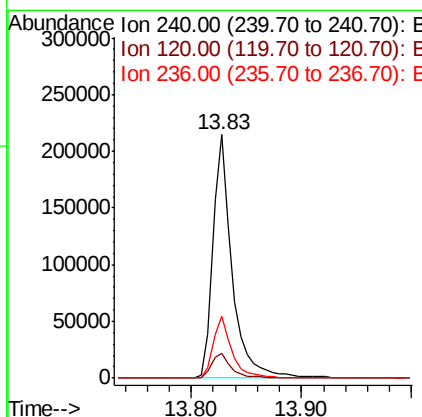
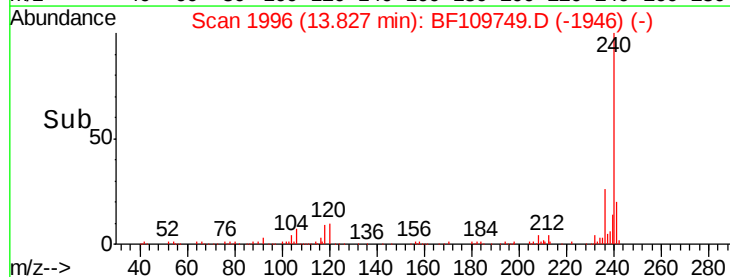


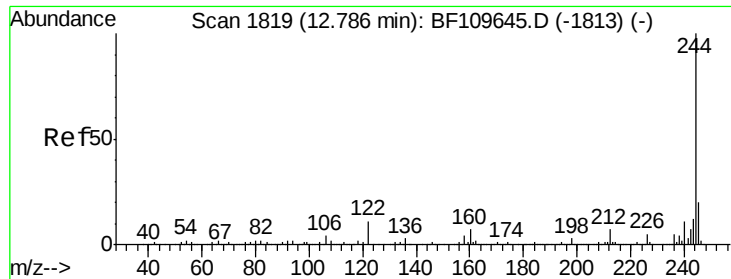
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.01 min
 Lab File: BF109749.D
 Acq: 10 Oct 2018 18:23

Tgt Ion:240 Resp: 255989
 Ion Ratio Lower Upper
 240 100
 120 10.3 8.3 12.5
 236 25.6 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

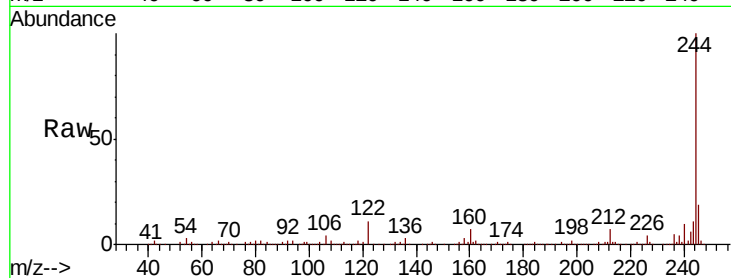




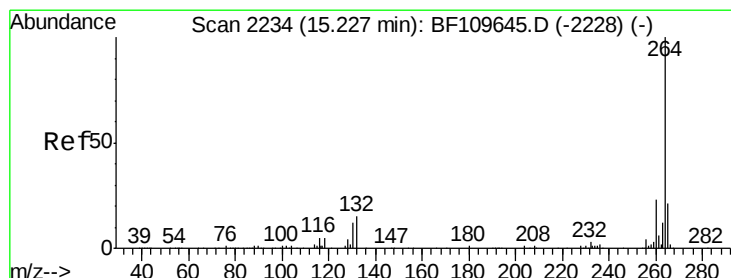
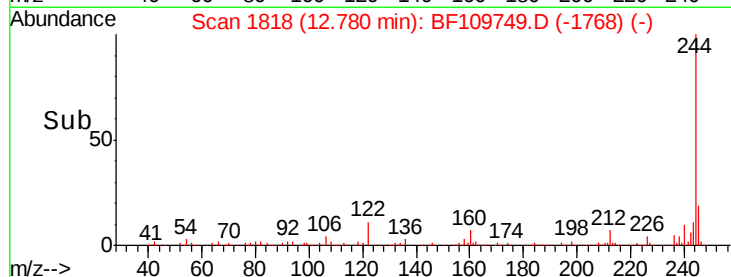
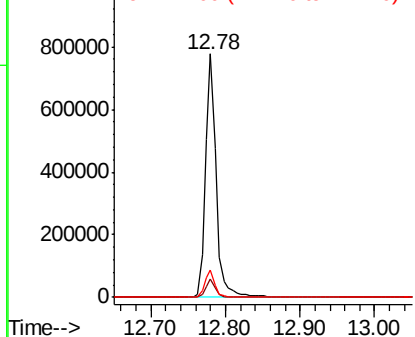
#78
 Terphenyl-d14
 Concen: 59.140 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. -0.01 min
 Lab File: BF109749.D
 Acq: 10 Oct 2018 18:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 782046
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 11.1 8.7 13.1

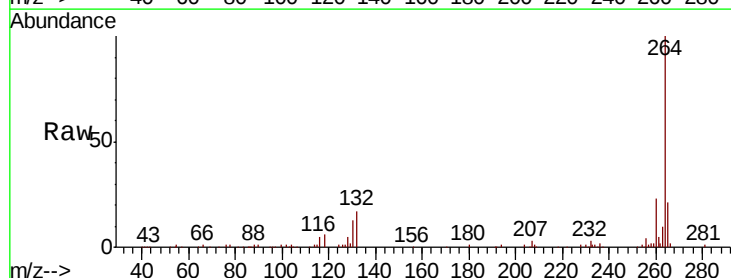


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.22 min Scan# 2233
 Delta R.T. -0.01 min
 Lab File: BF109749.D
 Acq: 10 Oct 2018 18:23

Tgt Ion:264 Resp: 204069
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.7 28.1
 265 21.2 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

