

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040418\
 Data File : BF104269.D
 Acq On : 5 Apr 2018 11:33
 Operator : JU/SJ
 Sample : J2179-10
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 05 12:31:05 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 04 18:06:58 2018
 Response via : Initial Calibration

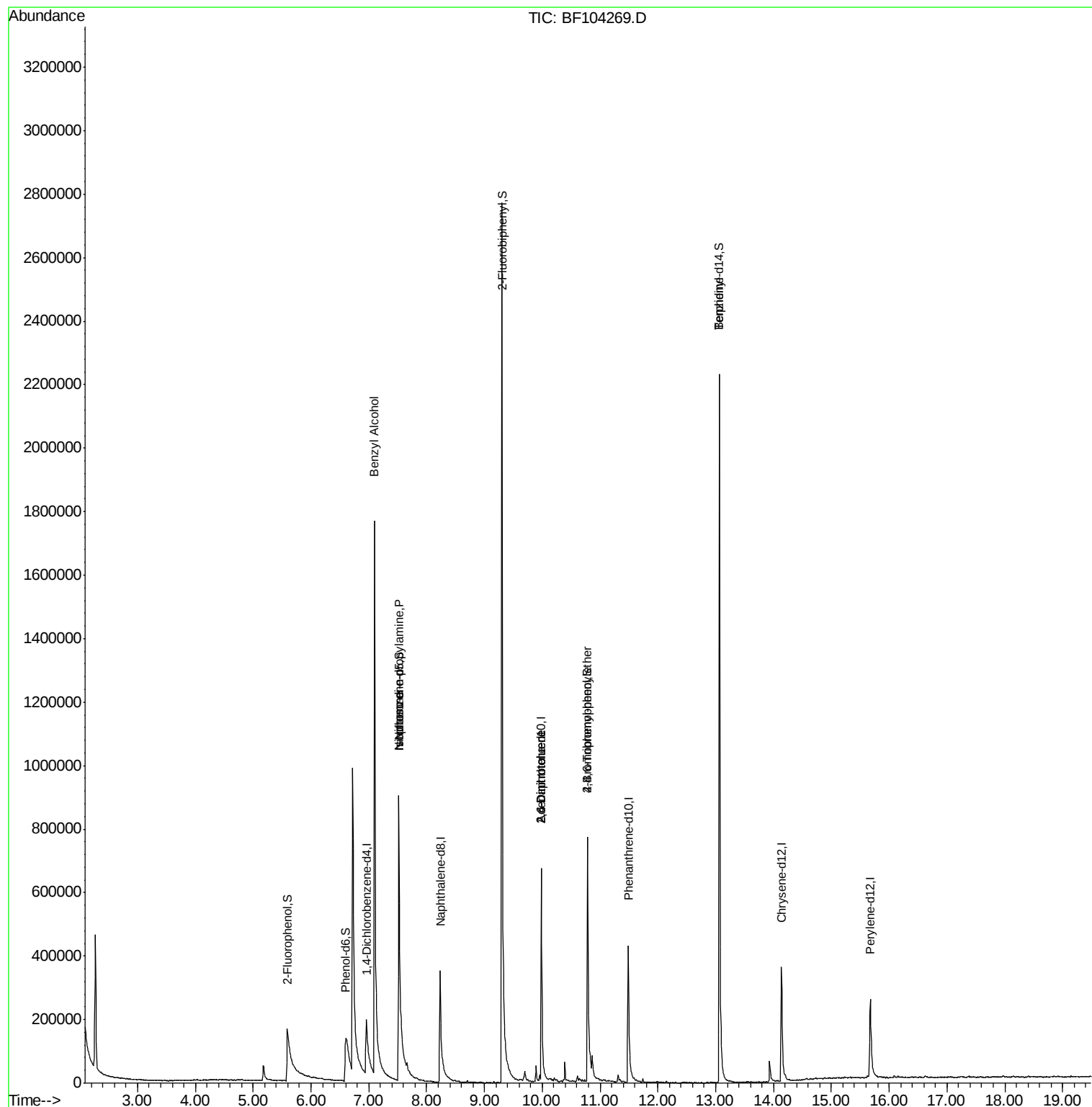
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	99862	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	444499	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	199673	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	330234	20.00	ng	0.00
75) Chrysene-d12	14.14	240	217412	20.00	ng	0.00
86) Perylene-d12	15.67	264	199061	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	264802	42.29	ng	0.00
7) Phenol-d6	6.60	99	328731	42.67	ng	0.00
23) Nitrobenzene-d5	7.52	82	773338	106.40	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	185684	83.51	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	1451141	114.60	ng	0.00
78) Terphenyl-d14	13.07	244	1069311	113.56	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.10	79	10862	2.168	ng	# 43
19) n-Nitroso-di-n-propylamine	7.52	70	85590	18.720	ng	# 73
25) Isophorone	7.52	82	791405	59.083	ng	# 64
50) 2,6-Dinitrotoluene	9.99	165	24141	7.118	ng	# 25
56) 2,4-Dinitrotoluene	9.99	165	25106	5.801	ng	# 23
66) 4-Bromophenyl-phenylether	10.78	248	10438	2.954	ng	# 1
76) Benzidine	13.06	184	12823	2.070	ng	# 94

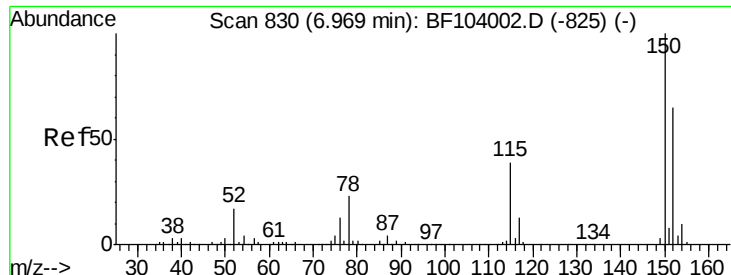
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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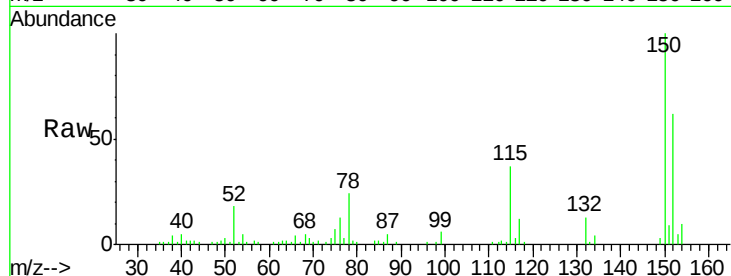


#1

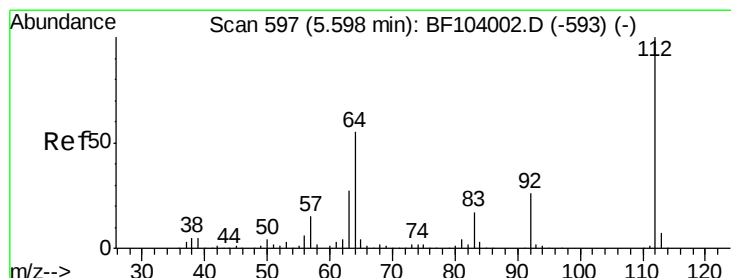
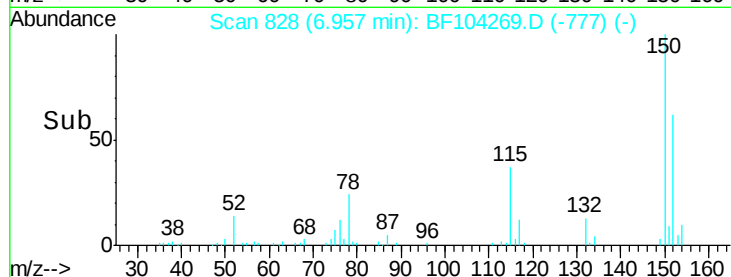
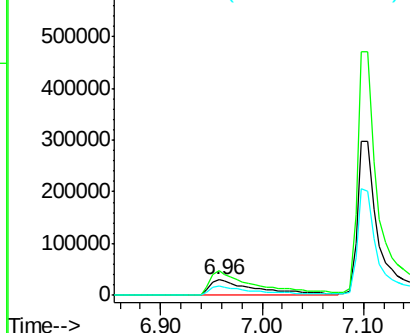
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF104269.D
 Acq: 5 Apr 2018 11:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 99862
 Ion Ratio Lower Upper
 152 100
 150 162.0 124.6 186.8
 115 59.7 50.1 75.1



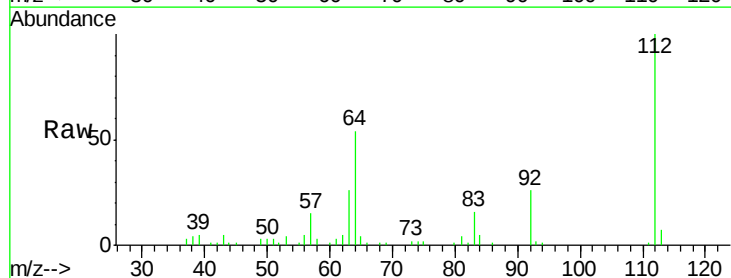
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



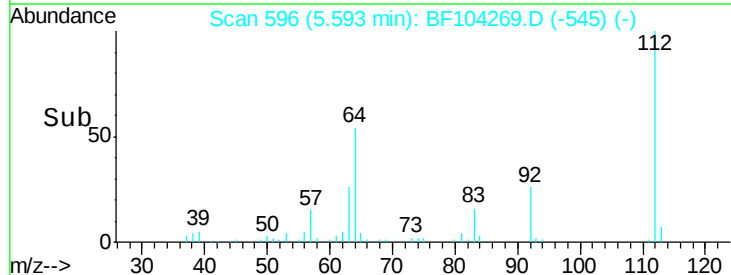
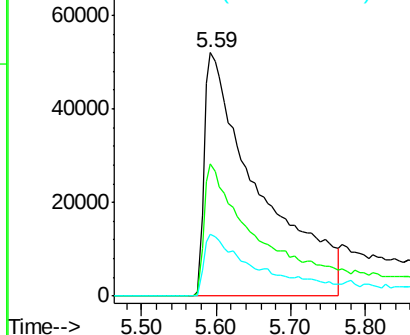
#5

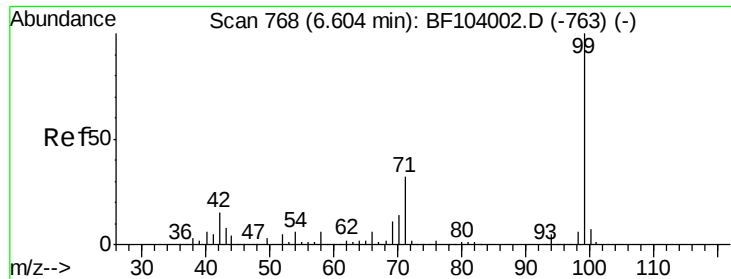
2-Fluorophenol
 Concen: 42.288 ng
 RT: 5.59 min Scan# 596
 Delta R.T. 0.00 min
 Lab File: BF104269.D
 Acq: 5 Apr 2018 11:33

Tgt Ion:112 Resp: 264802
 Ion Ratio Lower Upper
 112 100
 64 54.2 47.9 71.9
 63 25.5 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: 42.670 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF104269.D

Acq: 5 Apr 2018 11:33

Instrument :

BNA_F

ClientSampleId :

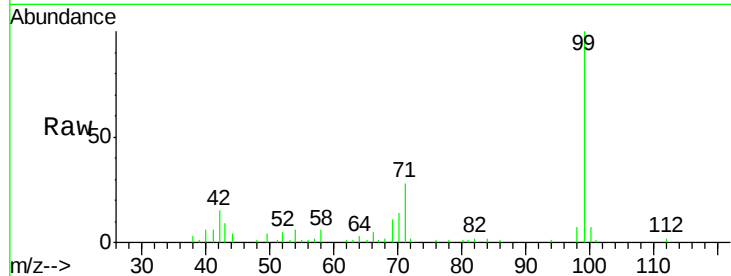
Tot Ion: 99 Resp: 328731

Ion Ratio Lower Upper

99 100

42 14.9 14.5 21.7

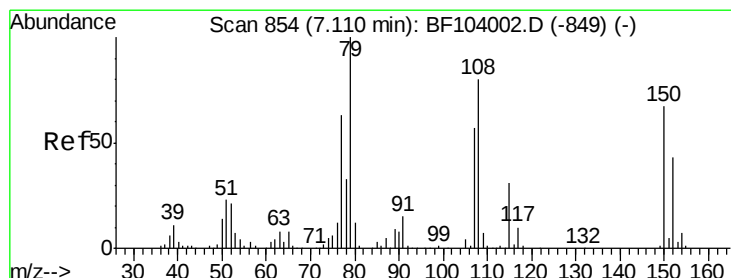
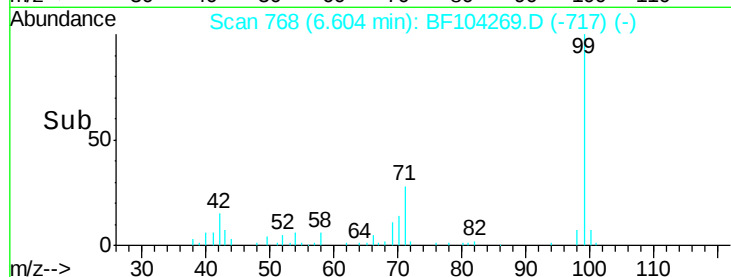
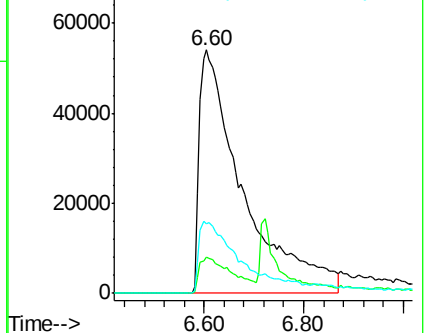
71 28.4 25.4 38.0



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



#15

Benzyl Alcohol

Concen: 2.168 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.01 min

Lab File: BF104269.D

Acq: 5 Apr 2018 11:33

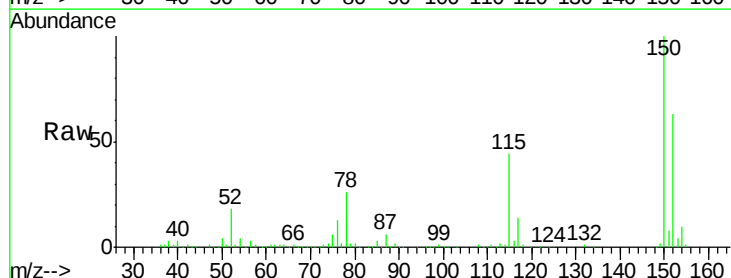
Tgt Ion: 79 Resp: 10862

Ion Ratio Lower Upper

79 100

108 32.8 65.1 97.7#

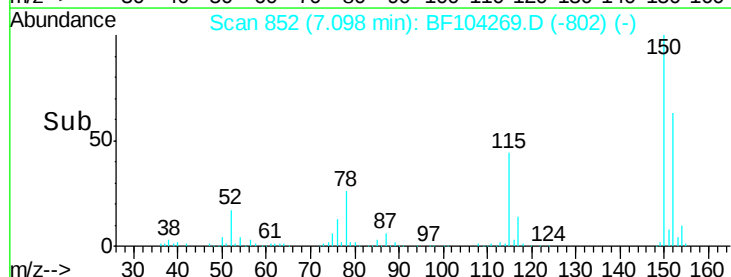
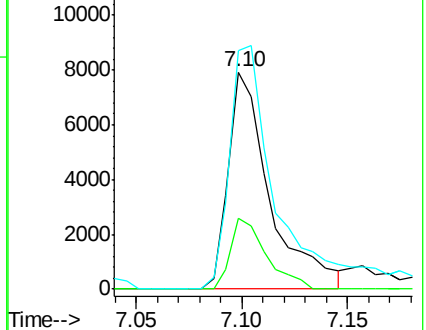
77 110.1 50.6 75.8#

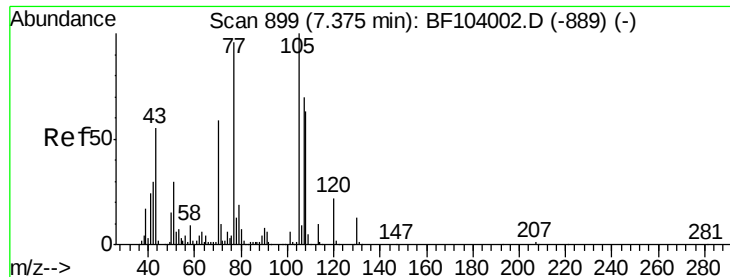


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

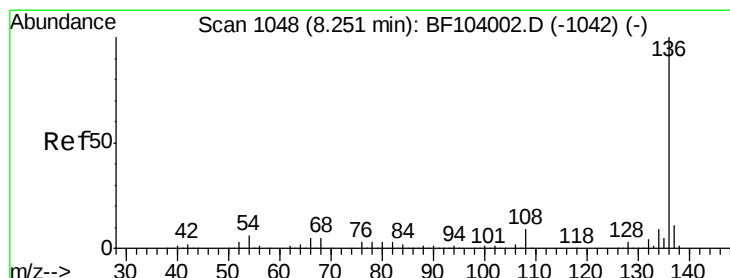
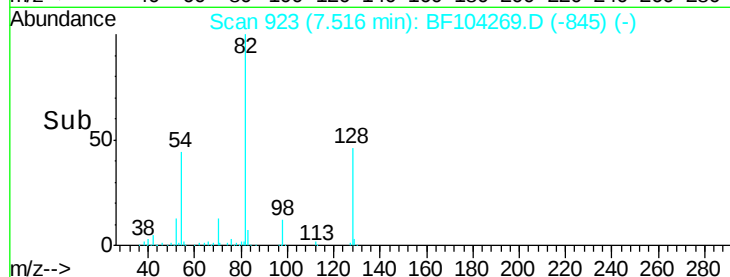
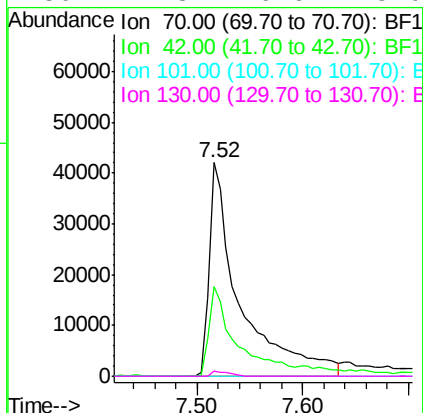
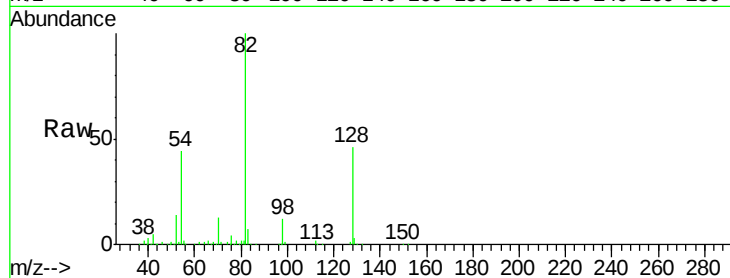




#19
n-Nitroso-di-n-propylamine
Concen: 18.720 ng
RT: 7.52 min Scan# 923
Delta R.T. 0.16 min
Lab File: BF104269.D
Acq: 5 Apr 2018 11:33

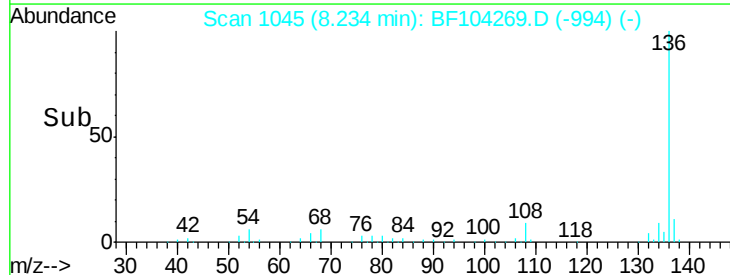
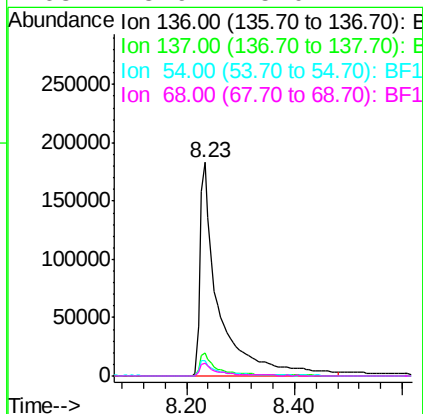
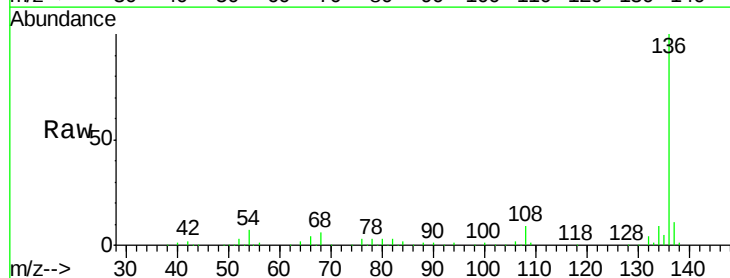
Instrument :
BNA_F
ClientSampleId :

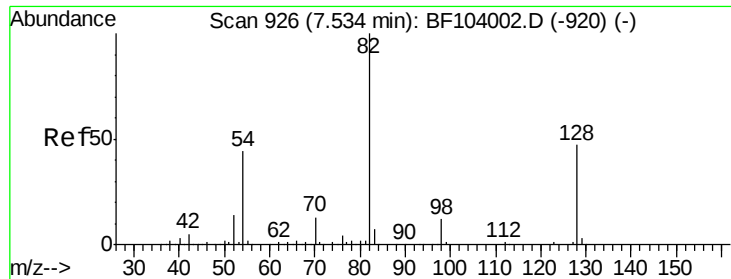
Tot Ion: 70 Resp: 85590
Ion Ratio Lower Upper
70 100
42 42.1 47.5 71.3#
101 0.0 7.4 11.2#
130 2.3 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BF104269.D
Acq: 5 Apr 2018 11:33

Tgt Ion: 136 Resp: 444499
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.0 6.6 9.8
68 5.9 5.0 7.4

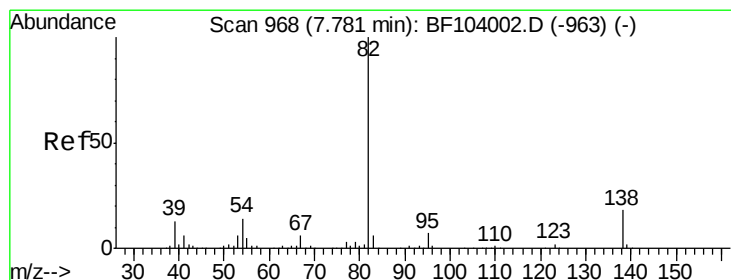
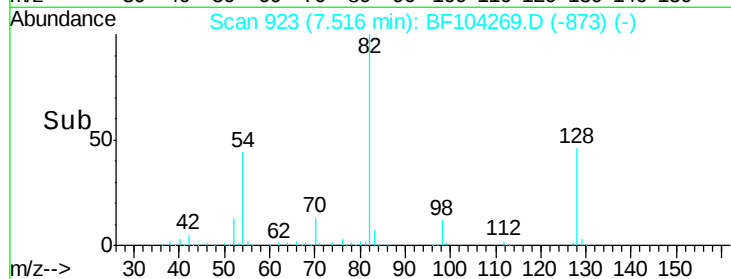
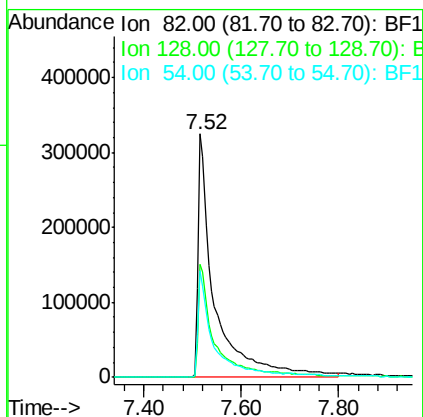
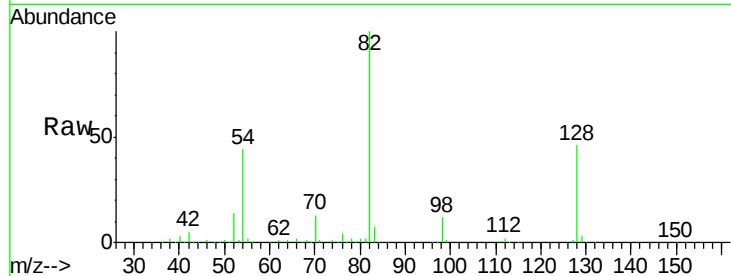




#23
Nitrobenzene-d5
Concen: 106.398 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF104269.D
Acq: 5 Apr 2018 11:33

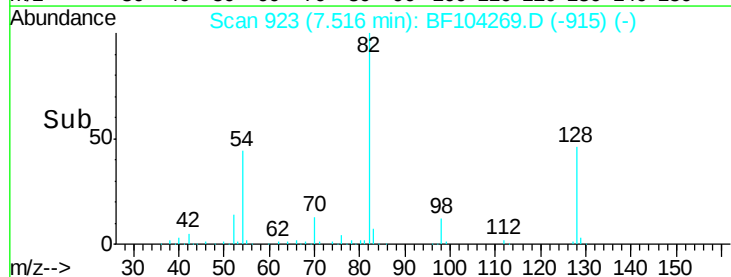
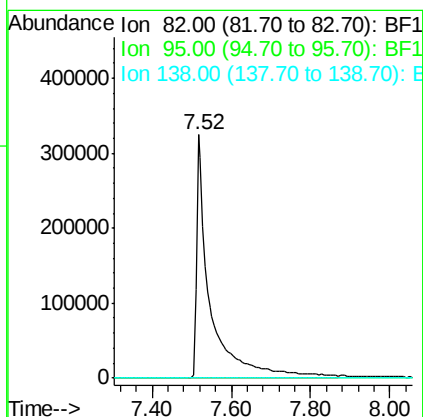
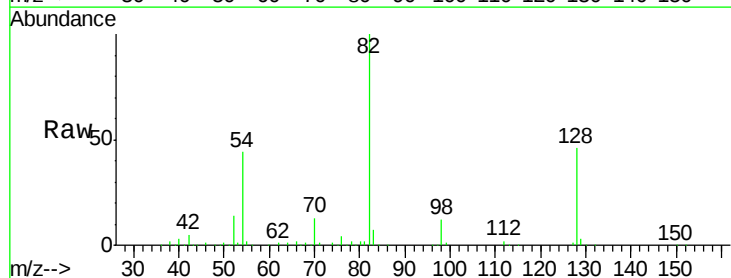
Instrument :
BNA_F
ClientSampleId :

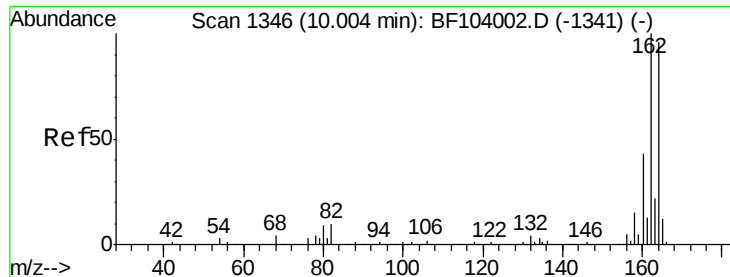
Tot Ion: 82 Resp: 773338
Ion Ratio Lower Upper
82 100
128 46.4 36.1 54.1
54 44.0 41.4 62.2



#25
Isophorone
Concen: 59.083 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.25 min
Lab File: BF104269.D
Acq: 5 Apr 2018 11:33

Tgt Ion: 82 Resp: 791405
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#

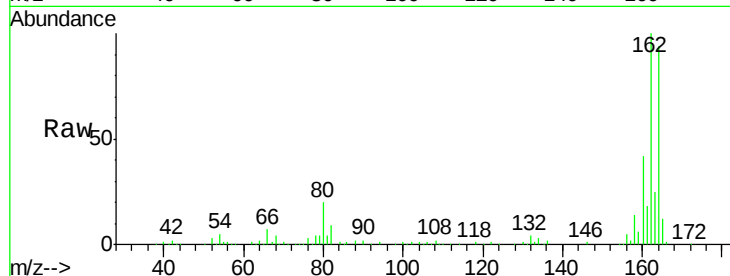




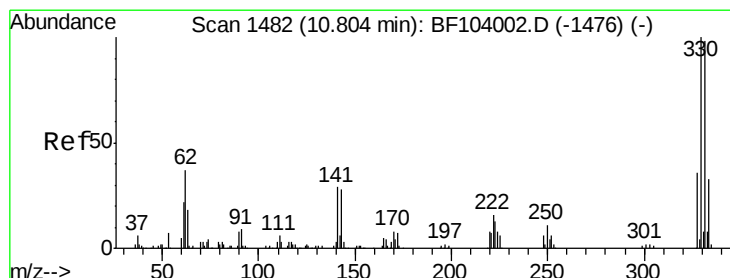
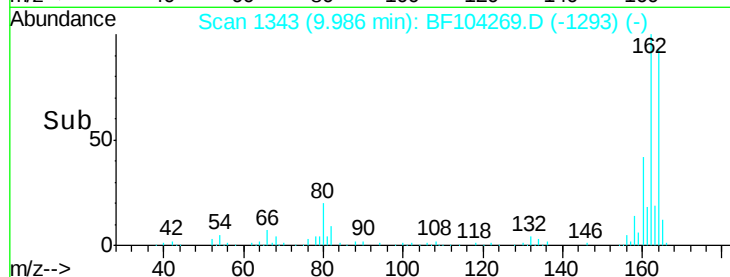
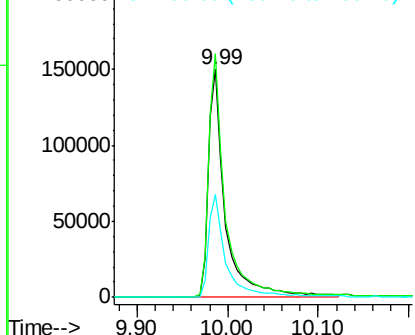
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.01 min
 Lab File: BF104269.D
 Acq: 5 Apr 2018 11:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 199673
 Ion Ratio Lower Upper
 164 100
 162 106.9 86.1 129.1
 160 45.0 38.3 57.5

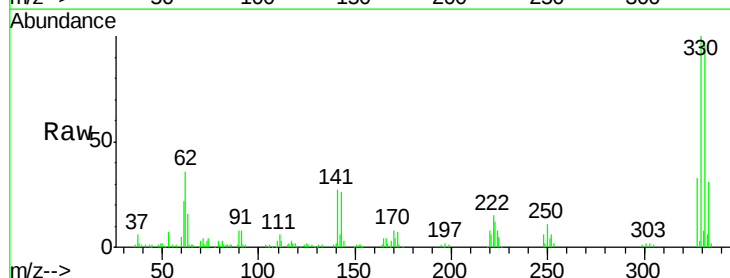


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

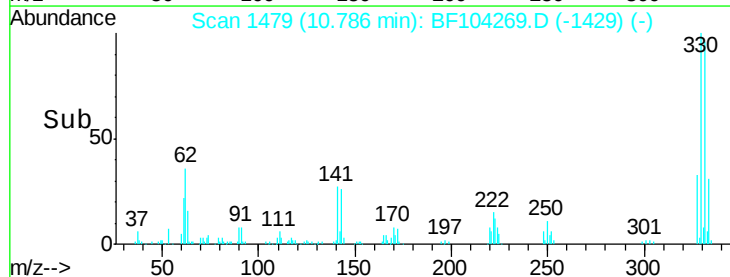
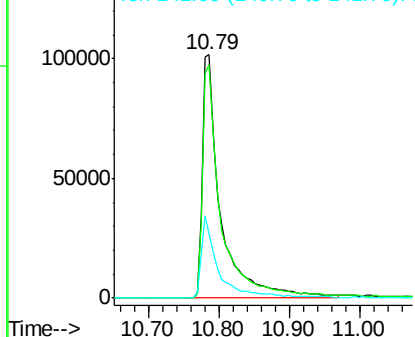


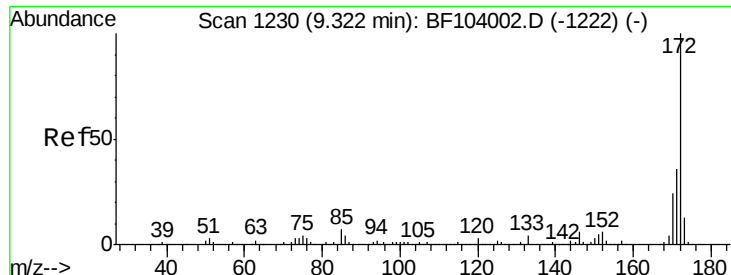
#41
 2,4,6-Tribromophenol
 Concen: 83.515 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BF104269.D
 Acq: 5 Apr 2018 11:33

Tgt Ion:330 Resp: 185684
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 32.2 29.9 44.9



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

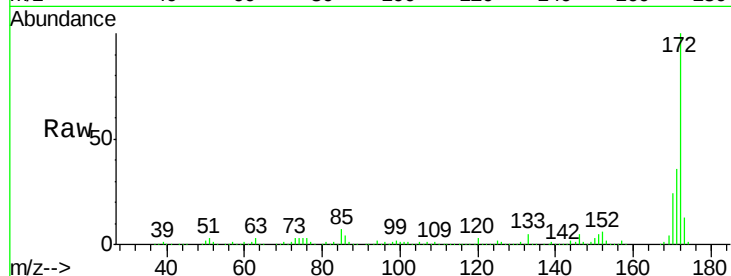




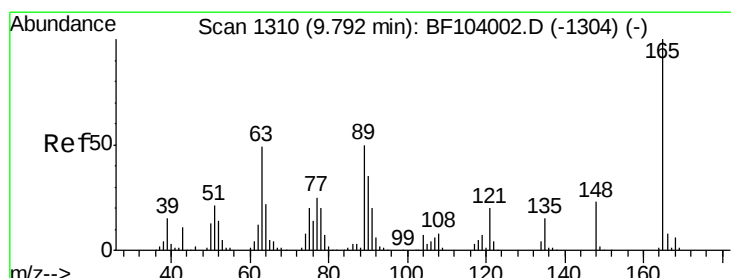
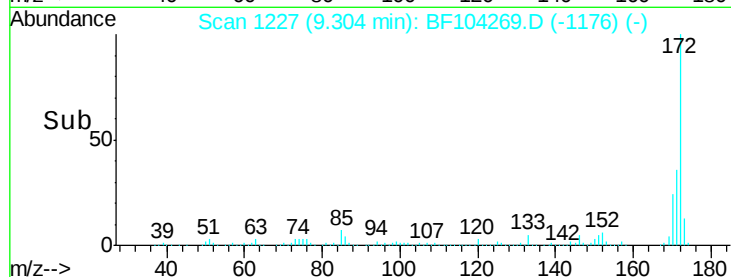
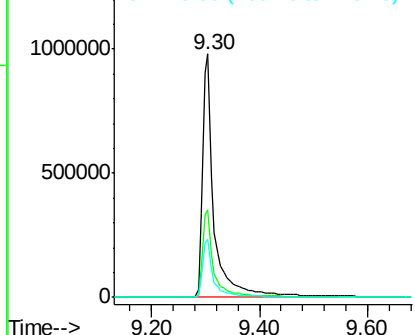
#44
 2-Fluorobiphenyl
 Concen: 114.604 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: BF104269.D
 Acq: 5 Apr 2018 11:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1451141
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 23.8 19.6 29.4

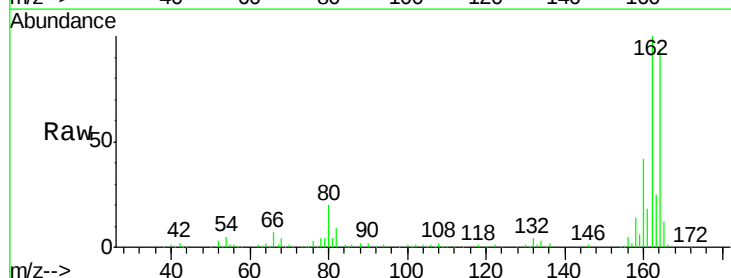


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

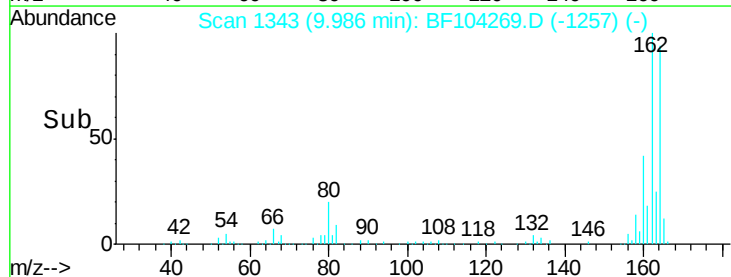
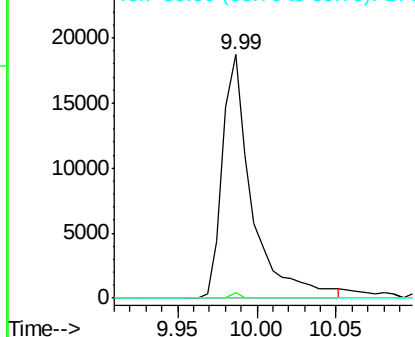


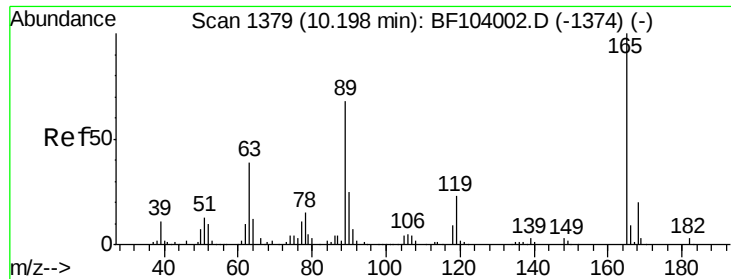
#50
 2,6-Dinitrotoluene
 Concen: 7.118 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. 0.21 min
 Lab File: BF104269.D
 Acq: 5 Apr 2018 11:33

Tgt Ion:165 Resp: 24141
 Ion Ratio Lower Upper
 165 100
 63 2.4 44.7 67.1#
 89 0.0 44.0 66.0#



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

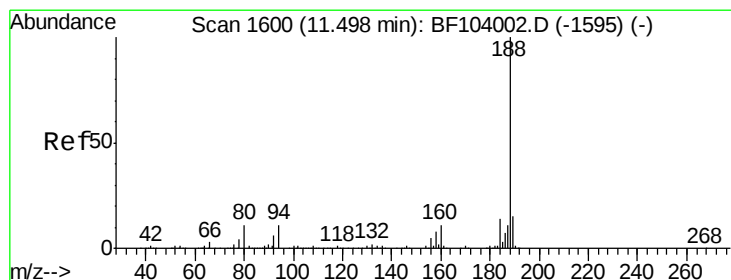
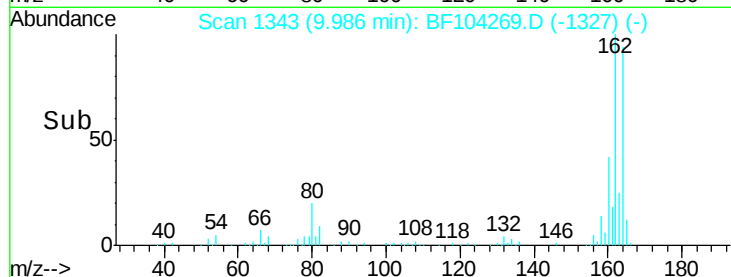
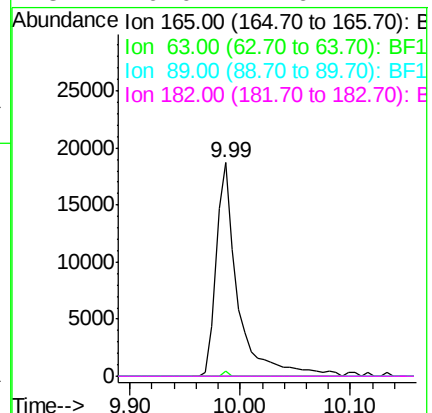
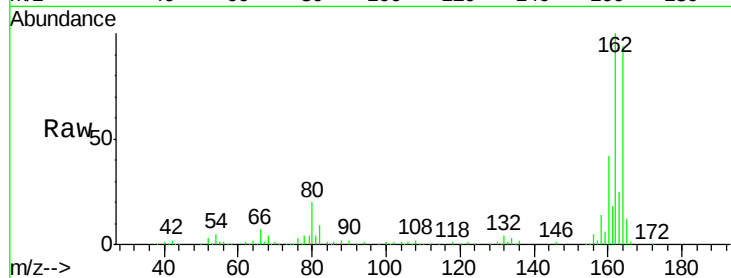




#56
 2,4-Dinitrotoluene
 Concen: 5.801 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.21 min
 Lab File: BF104269.D
 Acq: 5 Apr 2018 11:33

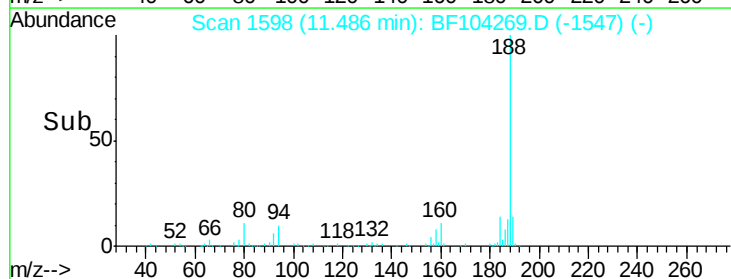
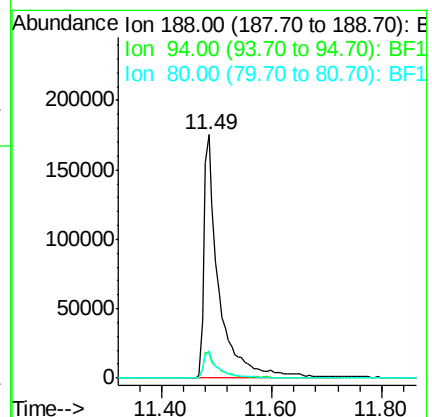
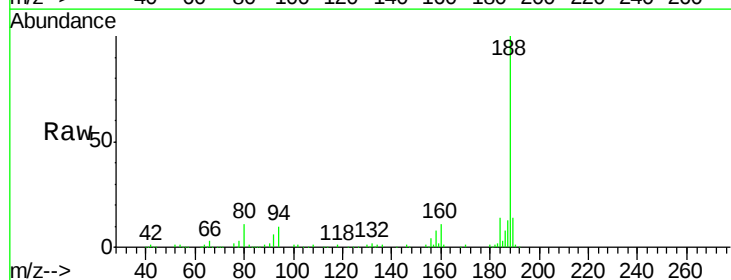
Instrument :
 BNA_F
 ClientSampled :

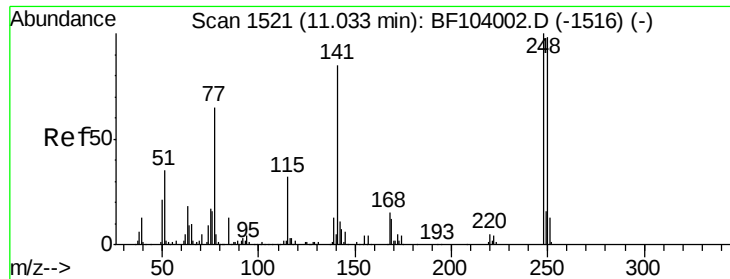
Tot Ion:165	Resp:	25106
Ion Ratio	Lower	Upper
165	100	
63	2.4	36.4 54.6#
89	0.0	57.8 86.6#
182	0.0	1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. 0.00 min
 Lab File: BF104269.D
 Acq: 5 Apr 2018 11:33

Tgt Ion:188	Resp:	330234
Ion Ratio	Lower	Upper
188	100	
94	10.0	8.5 12.7
80	11.4	9.2 13.8

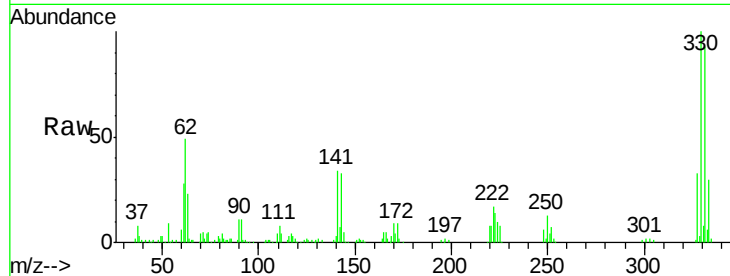




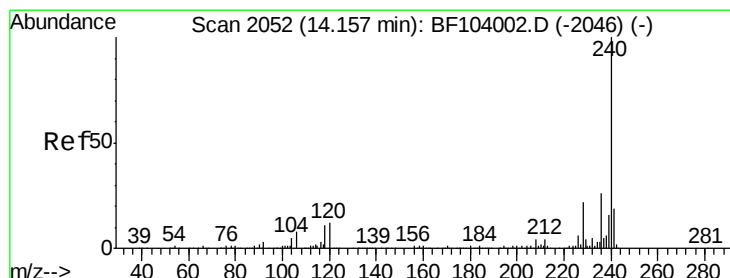
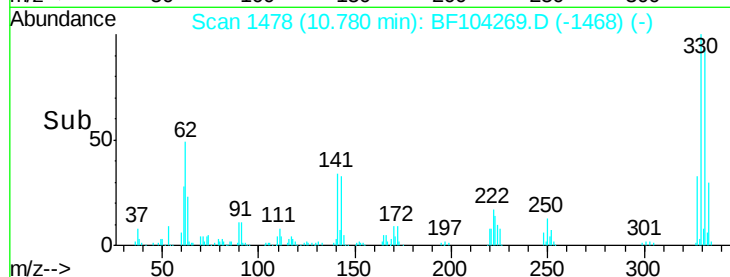
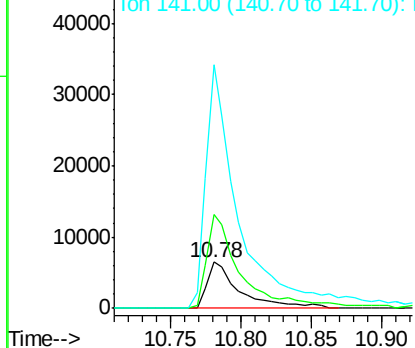
#66
 4-Bromophenyl-phenylether
 Concen: 2.954 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.24 min
 Lab File: BF104269.D
 Acq: 5 Apr 2018 11:33

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 10438
 Ion Ratio Lower Upper
 248 100
 250 202.3 76.9 115.3#
 141 525.2 74.4 111.6#

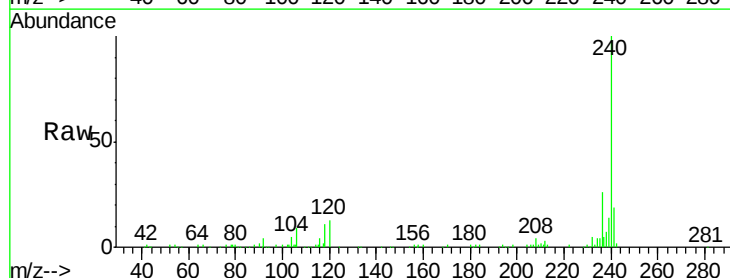


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

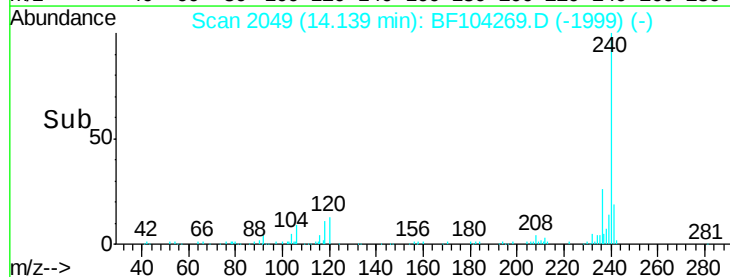
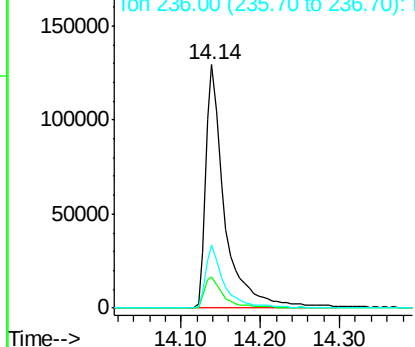


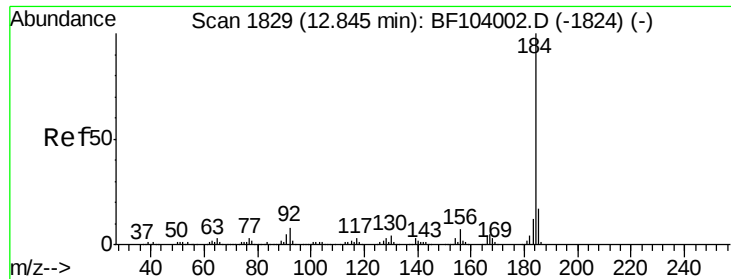
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2049
 Delta R.T. -0.01 min
 Lab File: BF104269.D
 Acq: 5 Apr 2018 11:33

Tgt Ion:240 Resp: 217412
 Ion Ratio Lower Upper
 240 100
 120 12.6 9.5 14.3
 236 25.9 20.7 31.1



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





#76

Benzidine

Concen: 2.070 ng

RT: 13.06 min Scan# 1866

Delta R.T. 0.22 min

Lab File: BF104269.D

Acq: 5 Apr 2018 11:33

Instrument :

BNA_F

ClientSampled :

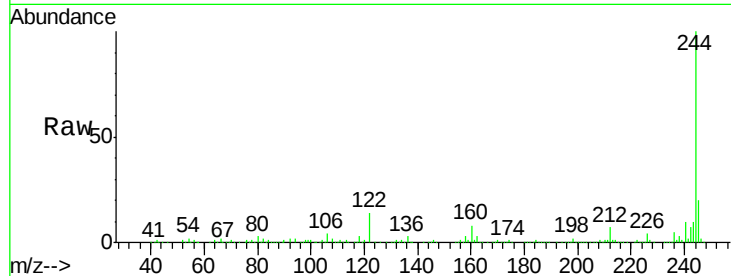
Tot Ion:184 Resp: 12823

Ion Ratio Lower Upper

184 100

185 17.3 12.6 18.8

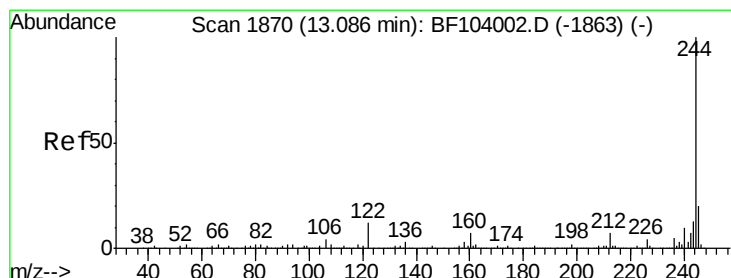
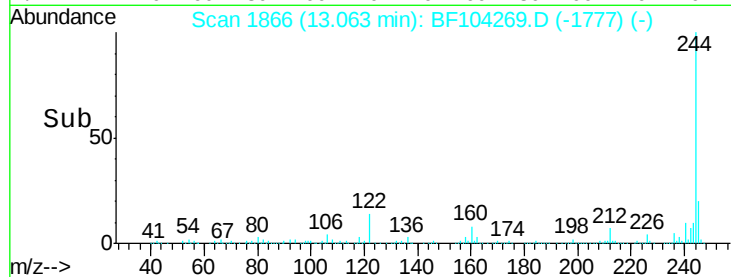
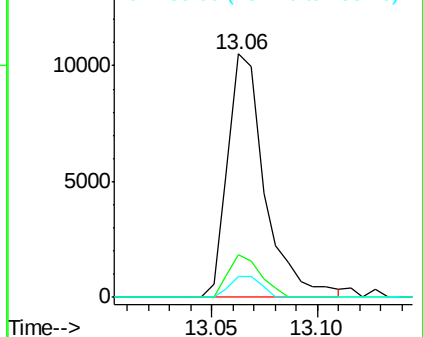
183 8.5 9.3 13.9#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 113.563 ng

RT: 13.07 min Scan# 1867

Delta R.T. 0.00 min

Lab File: BF104269.D

Acq: 5 Apr 2018 11:33

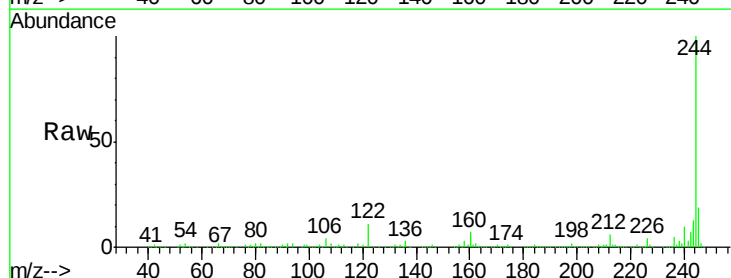
Tgt Ion:244 Resp: 1069311

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

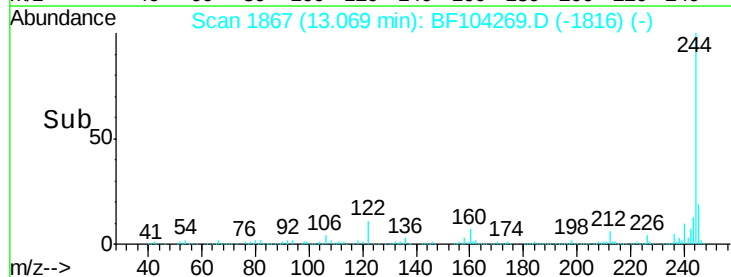
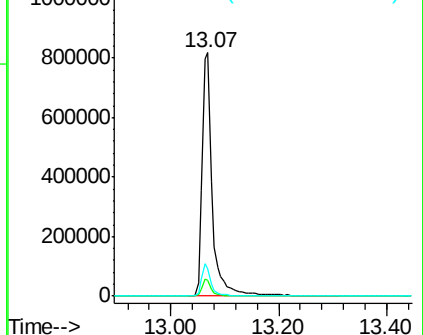
122 11.4 11.0 16.4

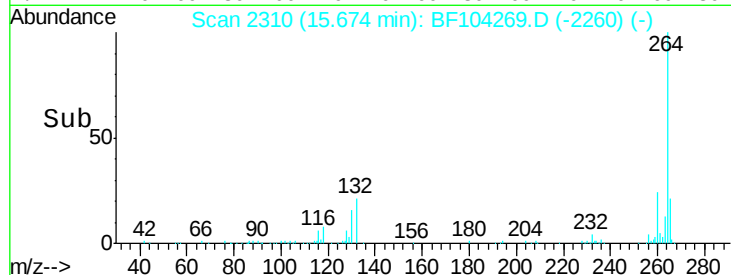
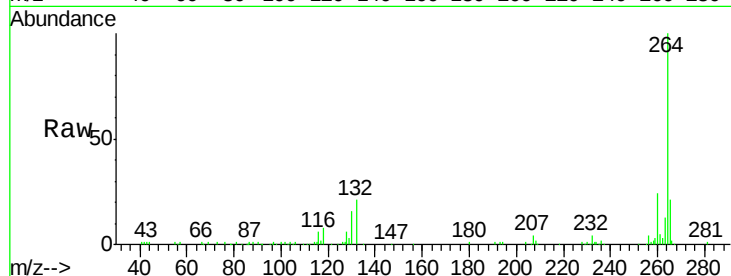
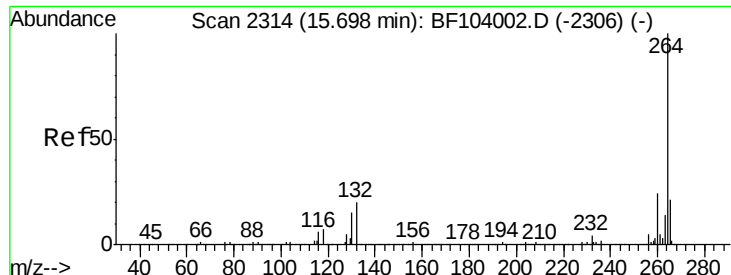


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.67 min Scan# 2310
Delta R.T. -0.01 min
Lab File: BF104269.D
Acq: 5 Apr 2018 11:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	199061
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.3	17.5	26.3

