

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040418\
 Data File : BF104227.D
 Acq On : 4 Apr 2018 16:09
 Operator : JU/SJ
 Sample : PB107929BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 04 18:08:55 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

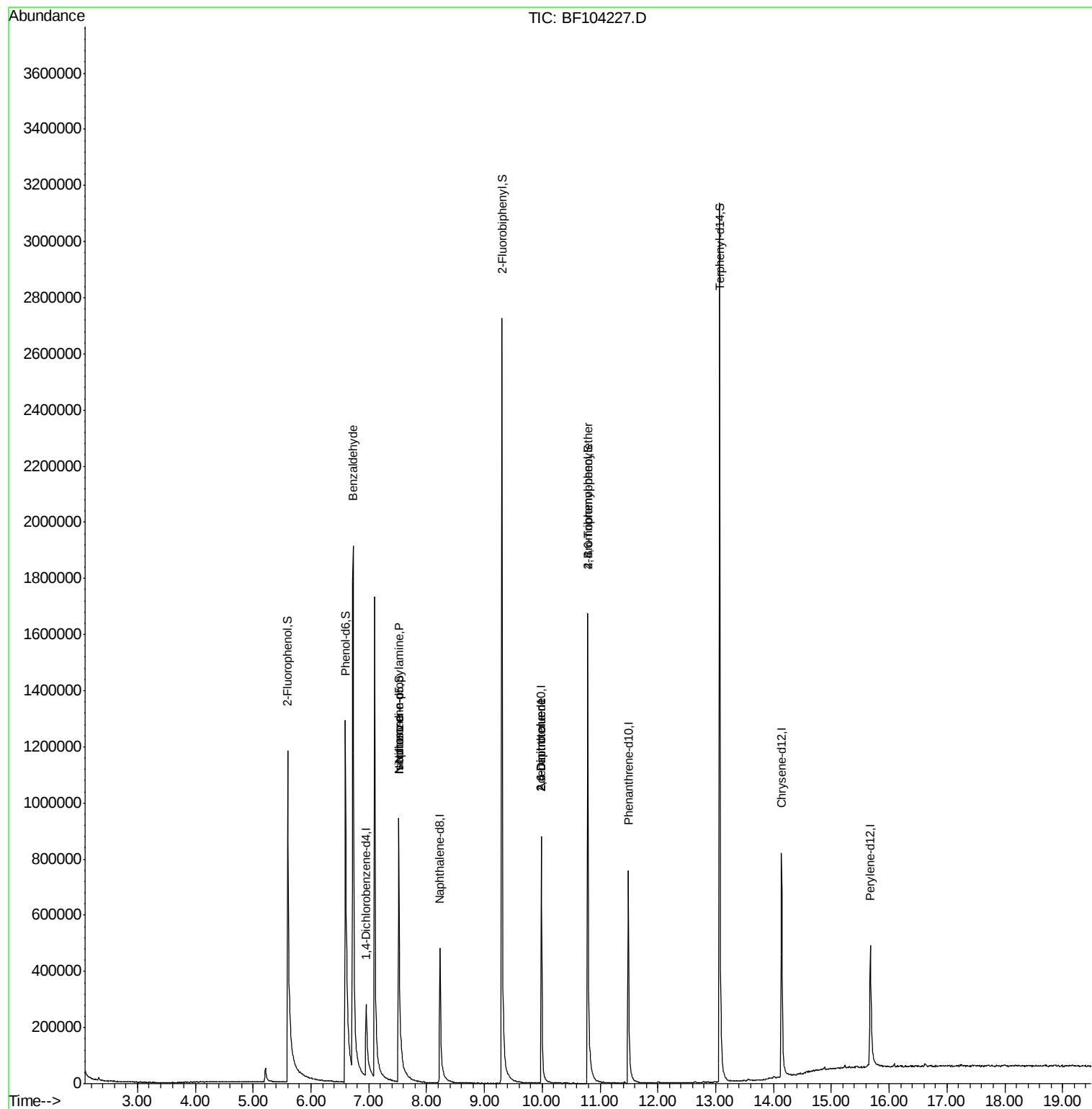
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	106255	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	463490	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	232918	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	460124	20.00	ng	0.00
75) Chrysene-d12	14.14	240	399285	20.00	ng	0.00
86) Perylene-d12	15.67	264	315168	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	865504	129.90	ng	0.00
7) Phenol-d6	6.60	99	1129663	137.81	ng	0.00
23) Nitrobenzene-d5	7.52	82	666791	87.98	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	319428	123.16	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	1327355	89.87	ng	0.00
78) Terphenyl-d14	13.07	244	1428990	82.63	ng	0.00
Target Compounds						
9) Benzaldehyde	6.73	77	17115	2.671	ng	90
19) n-Nitroso-di-n-propylamine	7.52	70	77644	15.961	ng	# 73
25) Isophorone	7.52	82	666791	47.740	ng	# 64
50) 2,6-Dinitrotoluene	9.99	165	28908	7.307	ng	# 26
56) 2,4-Dinitrotoluene	9.99	165	29708	5.885	ng	# 23
66) 4-Bromophenyl-phenylether	10.79	248	19364	3.934	ng	# 1

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

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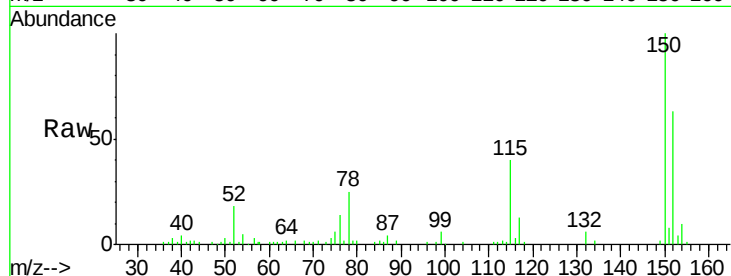


#1

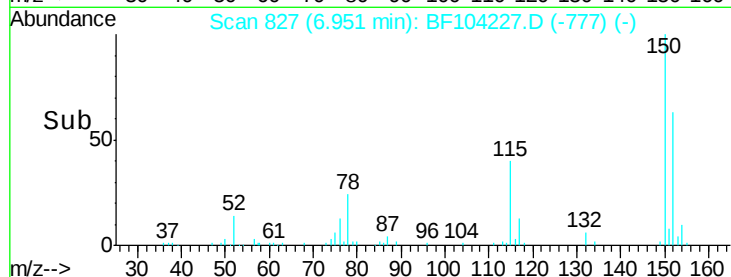
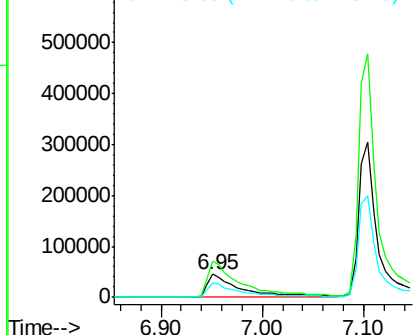
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF104227.D
Acq: 4 Apr 2018 16:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 106255
Ion Ratio Lower Upper
152 100
150 158.0 124.6 186.8
115 62.9 50.1 75.1



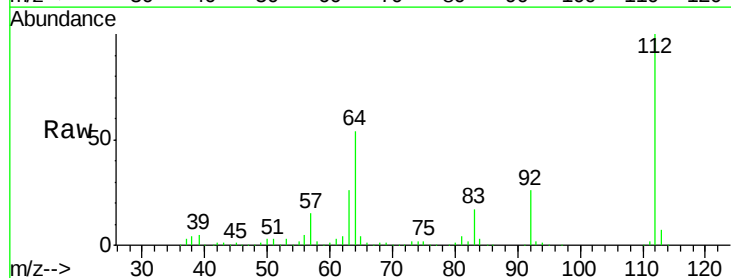
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



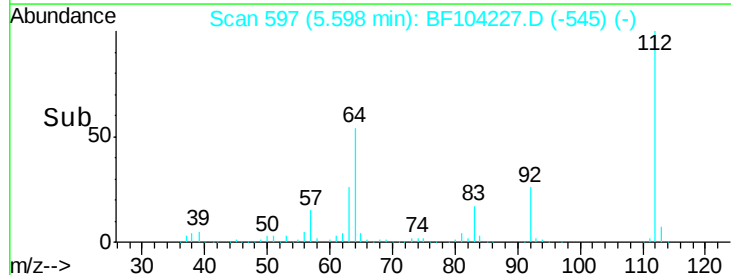
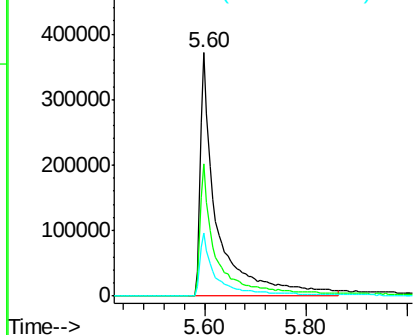
#5

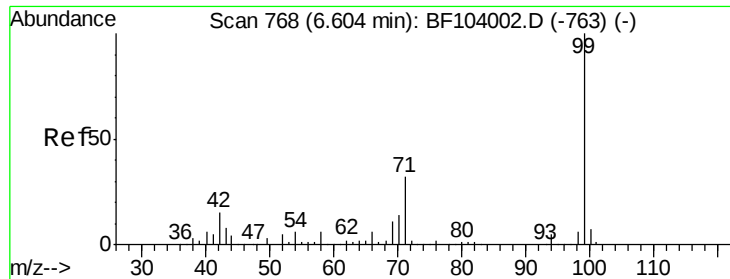
2-Fluorophenol
Concen: 129.901 ng
RT: 5.60 min Scan# 597
Delta R.T. 0.01 min
Lab File: BF104227.D
Acq: 4 Apr 2018 16:09

Tgt Ion:112 Resp: 865504
Ion Ratio Lower Upper
112 100
64 54.3 47.9 71.9
63 25.9 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: 137.810 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF104227.D

Acq: 4 Apr 2018 16:09

Instrument :

BNA_F

ClientSampleId :

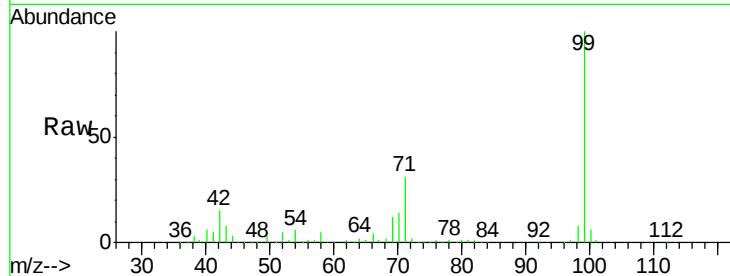
Tot Ion: 99 Resp: 1129663

Ion Ratio Lower Upper

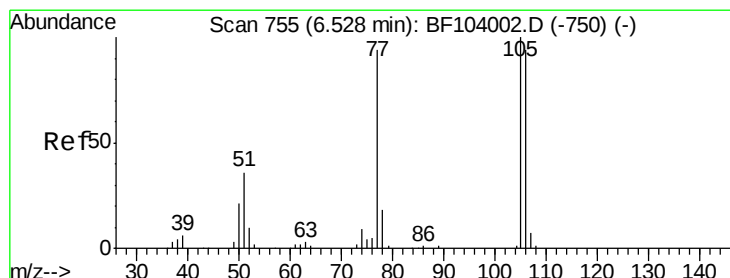
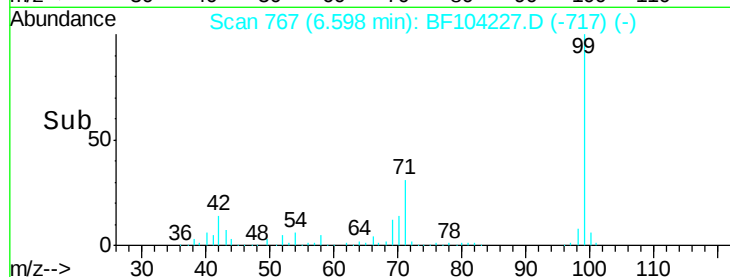
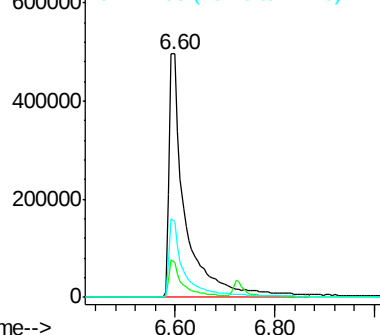
99 100

42 14.6 14.5 21.7

71 31.1 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



#9

Benzaldehyde

Concen: 2.671 ng

RT: 6.73 min Scan# 789

Delta R.T. 0.21 min

Lab File: BF104227.D

Acq: 4 Apr 2018 16:09

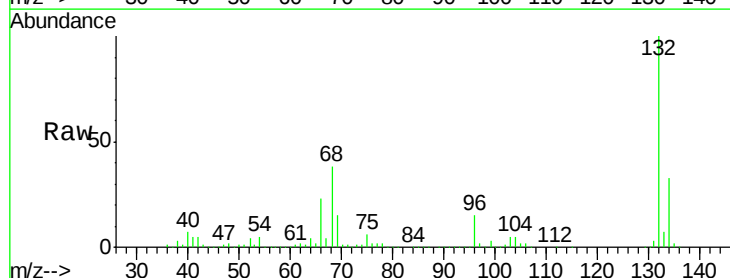
Tgt Ion: 77 Resp: 17115

Ion Ratio Lower Upper

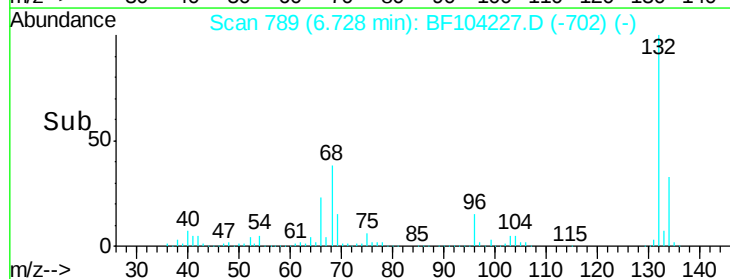
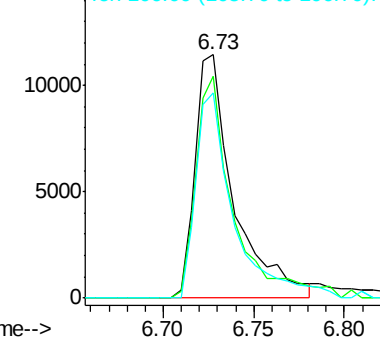
77 100

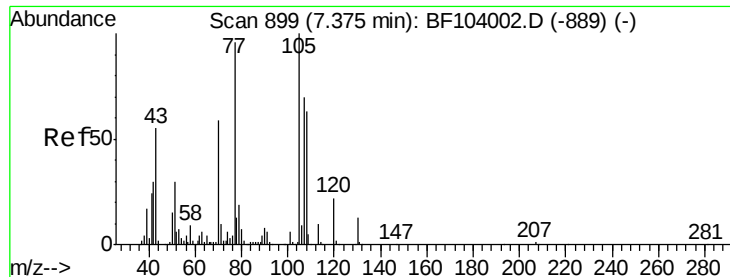
105 91.1 81.1 121.1

106 84.5 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

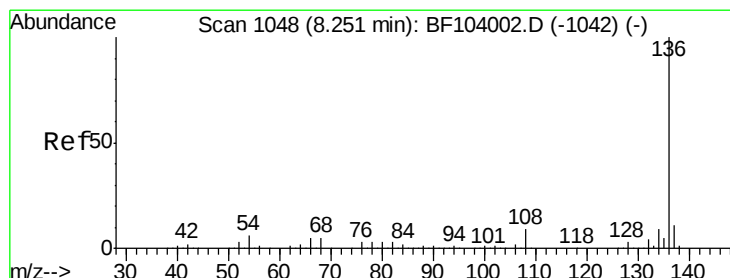
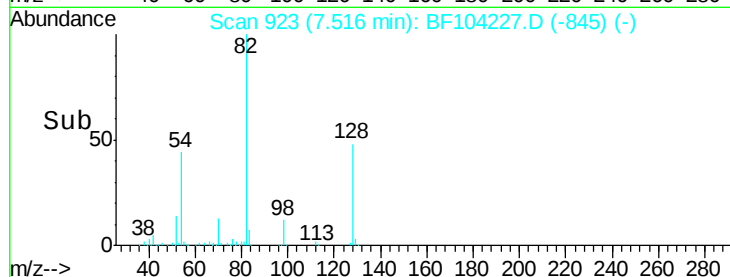
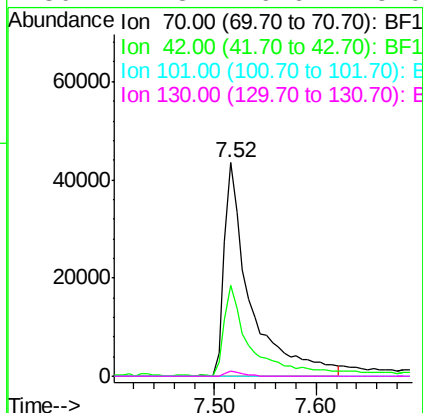
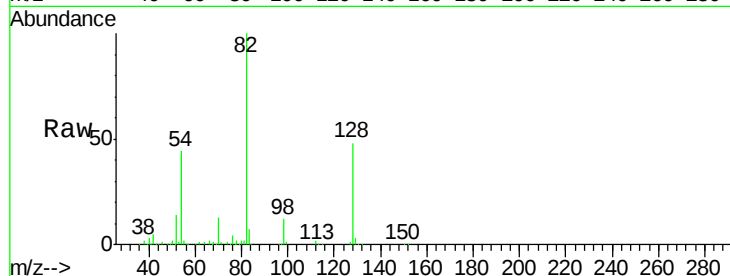




#19
n-Nitroso-di-n-propylamine
Concen: 15.961 ng
RT: 7.52 min Scan# 923
Delta R.T. 0.16 min
Lab File: BF104227.D
Acq: 4 Apr 2018 16:09

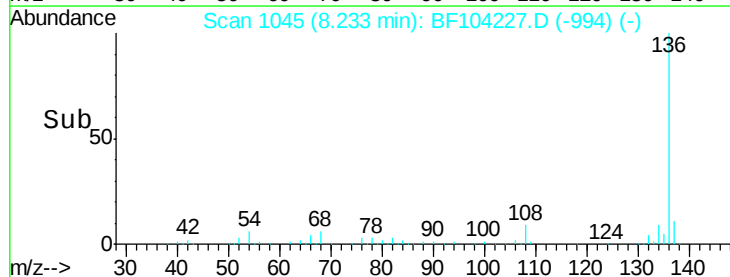
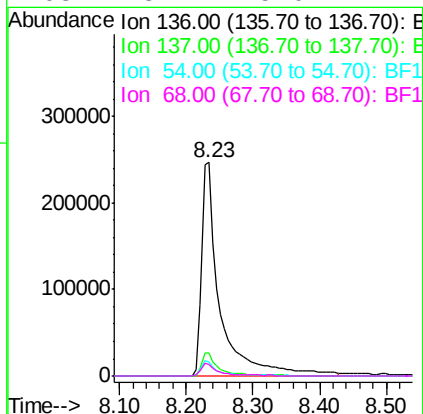
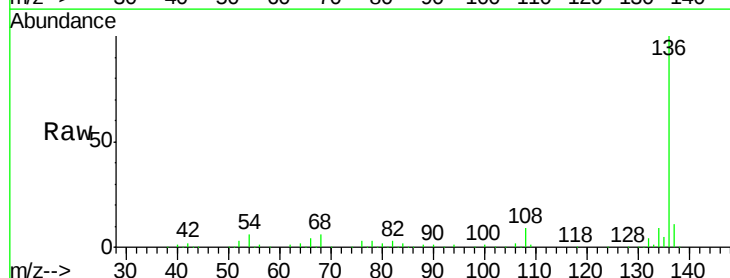
Instrument :
BNA_F
ClientSampleId :

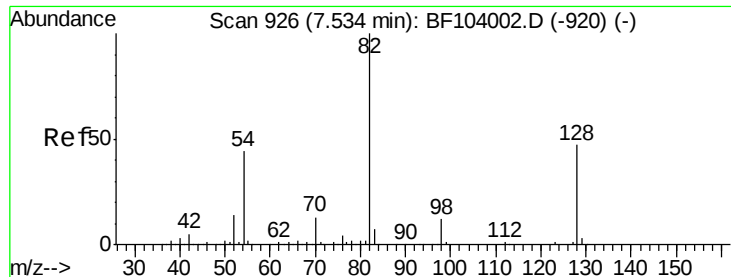
Tot Ion: 70 Resp: 77644
Ion Ratio Lower Upper
70 100
42 42.5 47.5 71.3#
101 0.0 7.4 11.2#
130 2.3 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF104227.D
Acq: 4 Apr 2018 16:09

Tgt Ion:136 Resp: 463490
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 6.4 6.6 9.8#
68 5.7 5.0 7.4

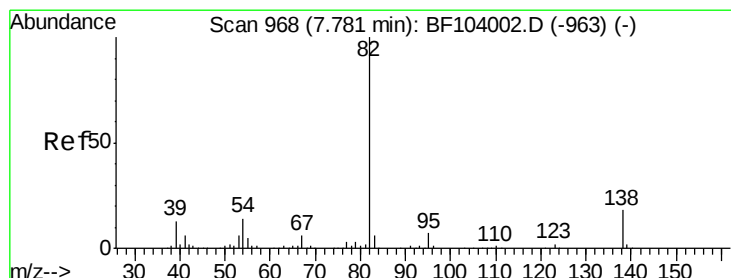
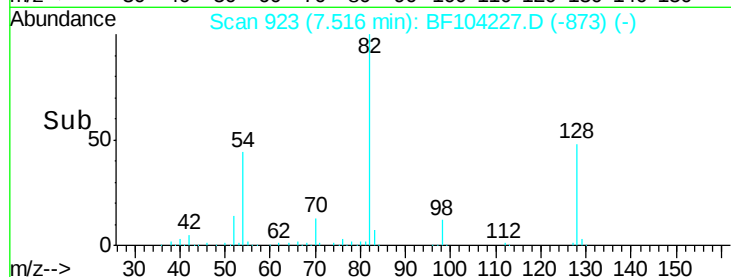
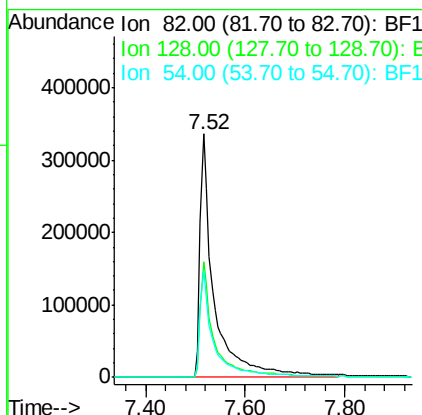
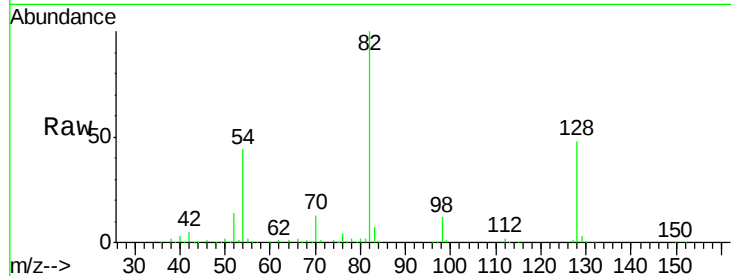




#23
Nitrobenzene-d5
Concen: 87.980 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF104227.D
Acq: 4 Apr 2018 16:09

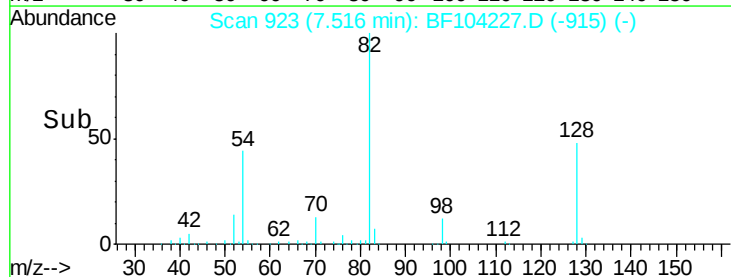
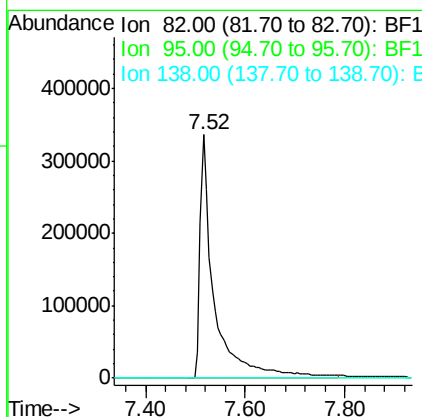
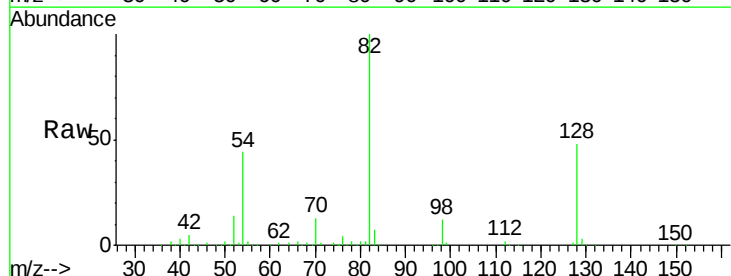
Instrument :
BNA_F
ClientSampleId :

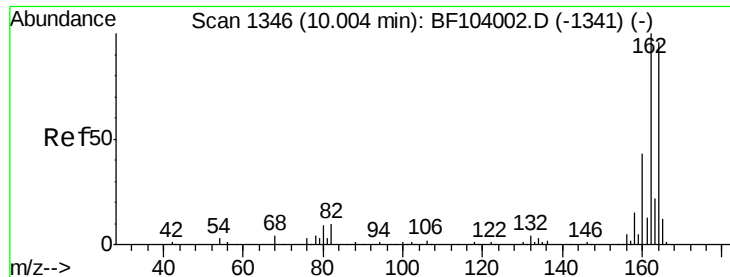
Tot Ion	82	Resp	666791
Ion Ratio	100	Lower	Upper
128	47.6	36.1	54.1
54	43.9	41.4	62.2



#25
Isophorone
Concen: 47.740 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.25 min
Lab File: BF104227.D
Acq: 4 Apr 2018 16:09

Tgt Ion	82	Resp	666791
Ion Ratio	100	Lower	Upper
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

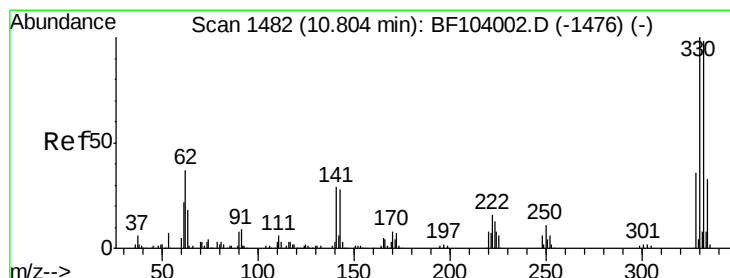
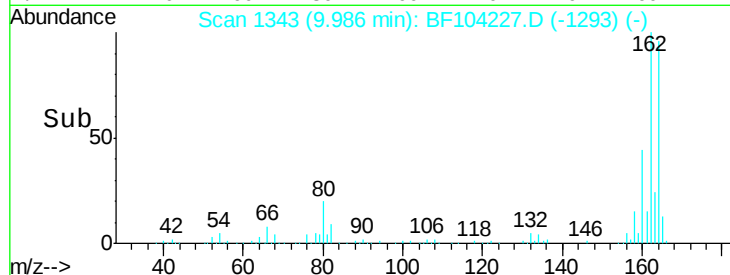
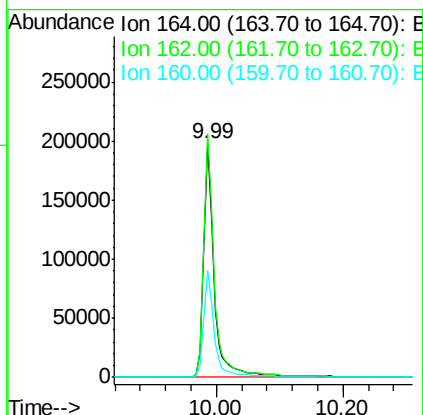
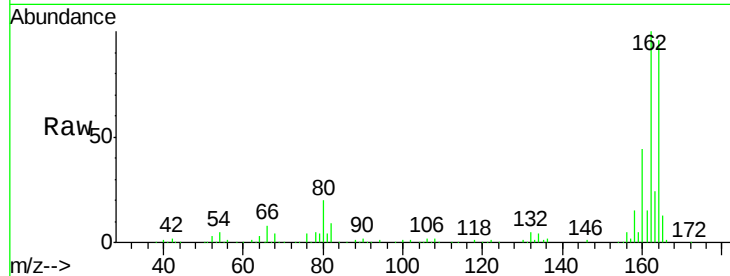




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.01 min
 Lab File: BF104227.D
 Acq: 4 Apr 2018 16:09

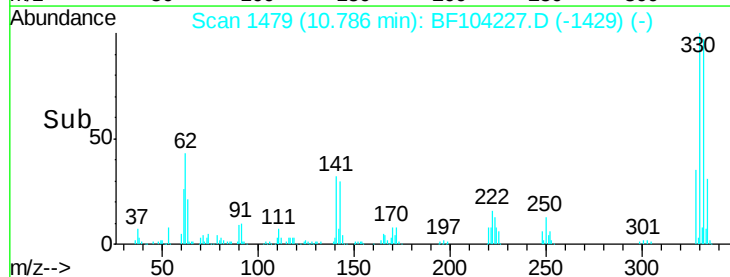
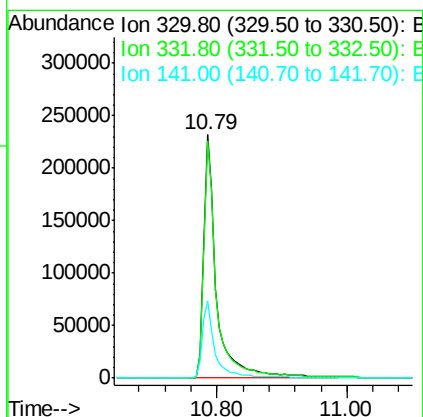
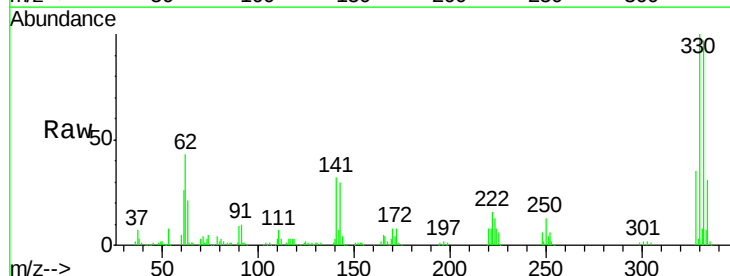
Instrument :
 BNA_F
 ClientSampleId :

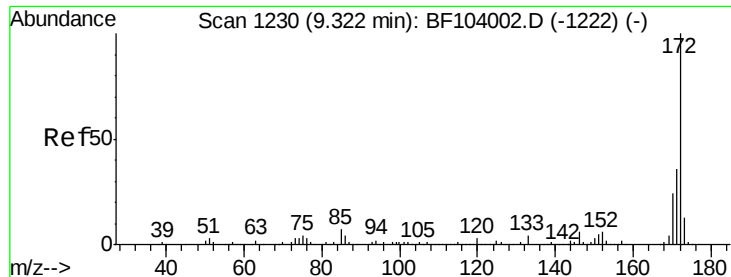
Tot Ion:164 Resp: 232918
 Ion Ratio Lower Upper
 164 100
 162 104.2 86.1 129.1
 160 45.9 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 123.163 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BF104227.D
 Acq: 4 Apr 2018 16:09

Tgt Ion:330 Resp: 319428
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.0 115.6
 141 31.9 29.9 44.9



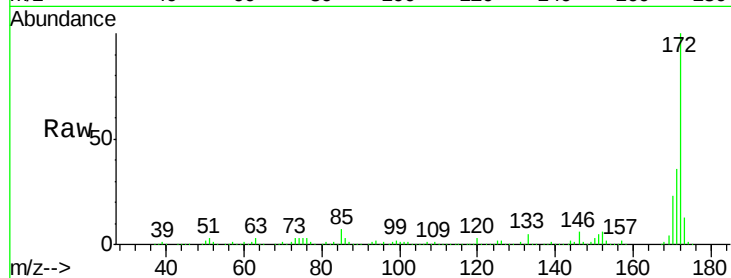


#44
 2-Fluorobiphenyl
 Concen: 89.865 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: BF104227.D
 Acq: 4 Apr 2018 16:09

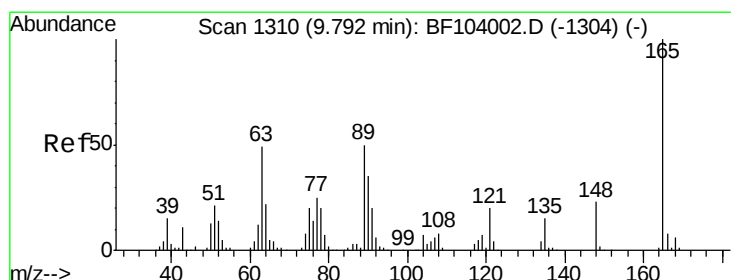
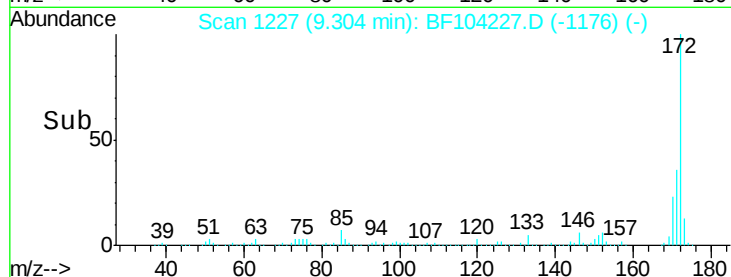
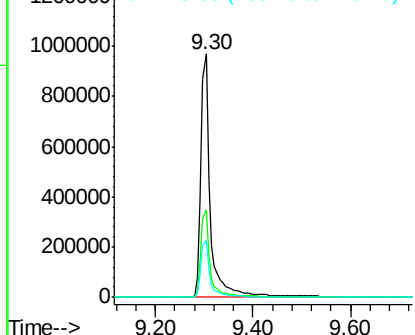
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1327355

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.4	19.6	29.4



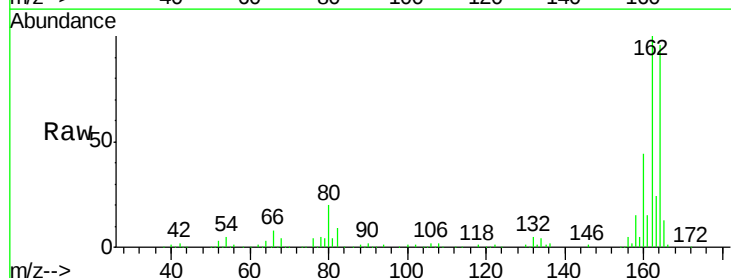
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



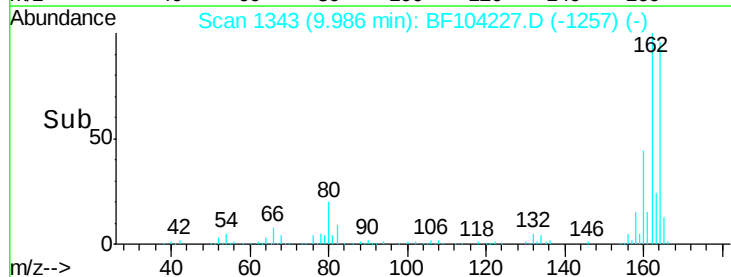
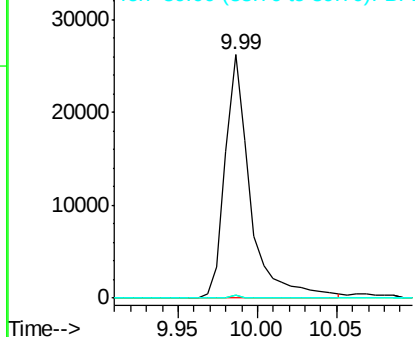
#50
 2,6-Dinitrotoluene
 Concen: 7.307 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. 0.21 min
 Lab File: BF104227.D
 Acq: 4 Apr 2018 16:09

Tgt Ion:165 Resp: 28908

Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.7	67.1#
89	1.4	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: 5.885 ng

RT: 9.99 min Scan# 1343

Delta R.T. -0.21 min

Lab File: BF104227.D

Acq: 4 Apr 2018 16:09

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 29708

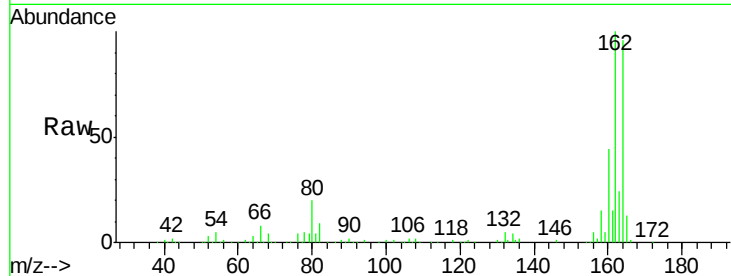
Ion Ratio Lower Upper

165 100

63 1.4 36.4 54.6#

89 1.4 57.8 86.6#

182 0.0 1.6 2.4#

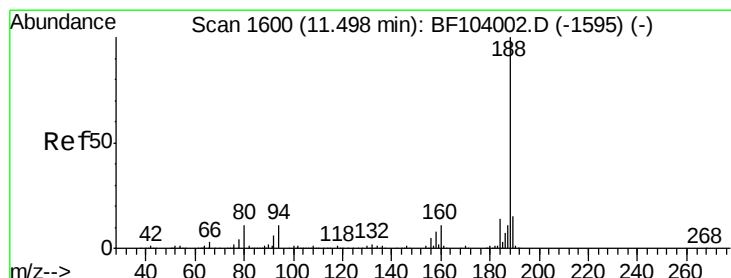
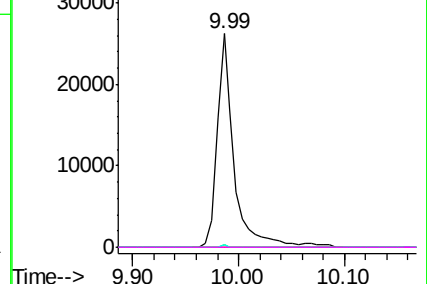
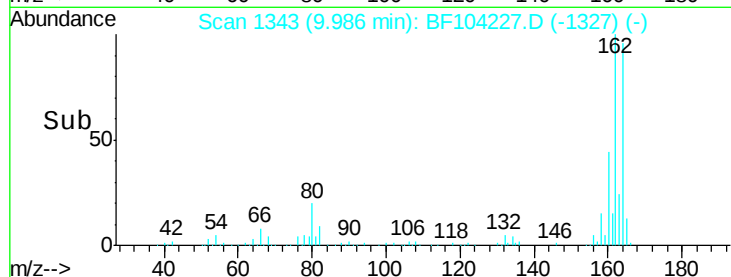


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.49 min Scan# 1598

Delta R.T. -0.00 min

Lab File: BF104227.D

Acq: 4 Apr 2018 16:09

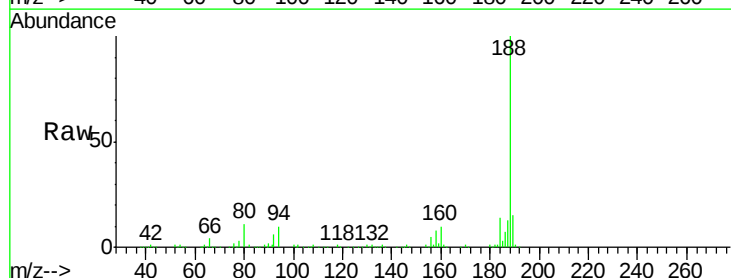
Tgt Ion:188 Resp: 460124

Ion Ratio Lower Upper

188 100

94 9.6 8.5 12.7

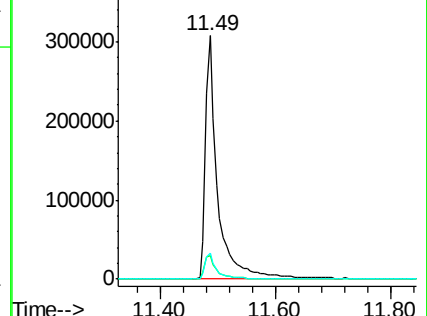
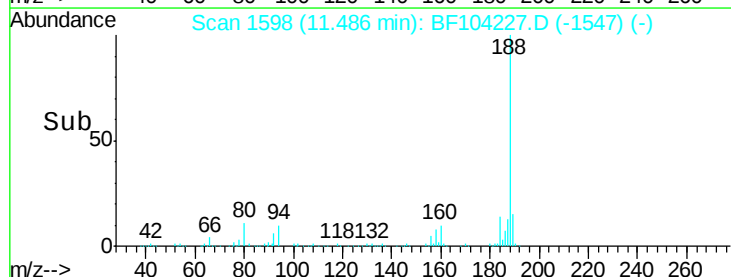
80 10.6 9.2 13.8

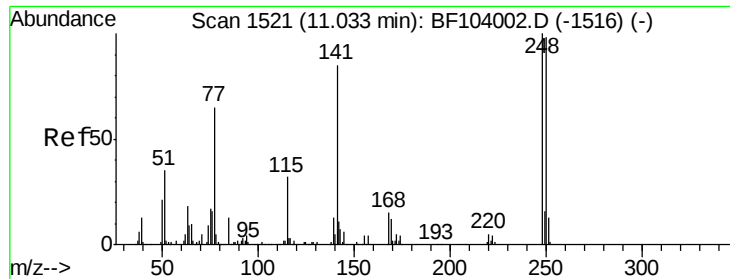


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

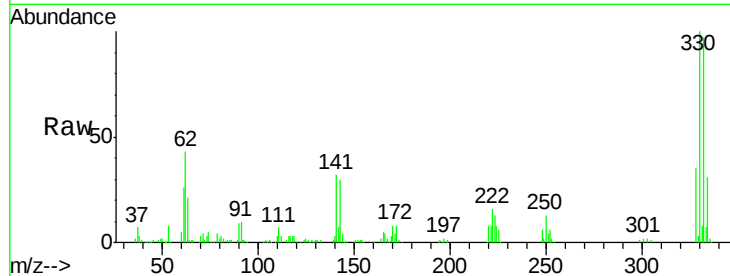




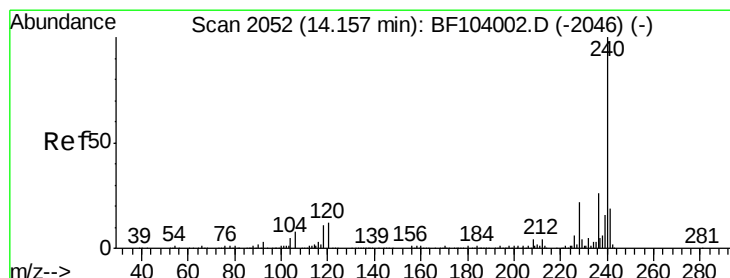
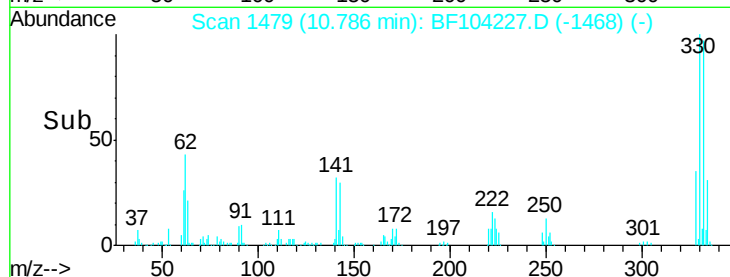
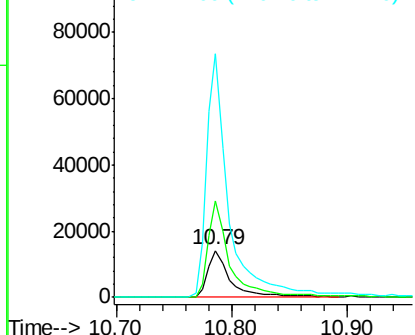
#66
4-Bromophenyl-phenylether
Concen: 3.934 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.24 min
Lab File: BF104227.D
Acq: 4 Apr 2018 16:09

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 19364
Ion Ratio Lower Upper
248 100
250 208.3 76.9 115.3#
141 523.2 74.4 111.6#

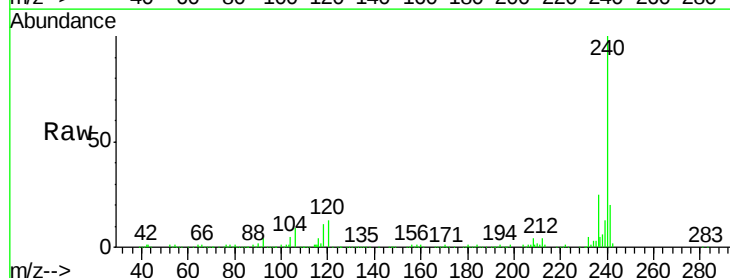


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

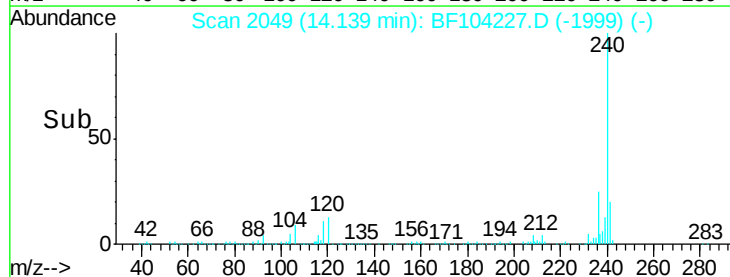
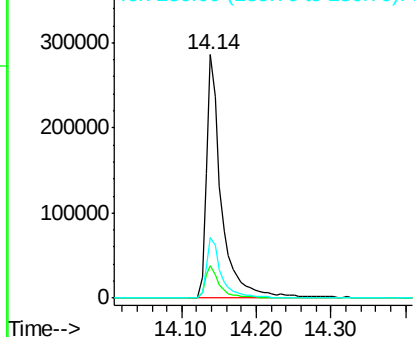


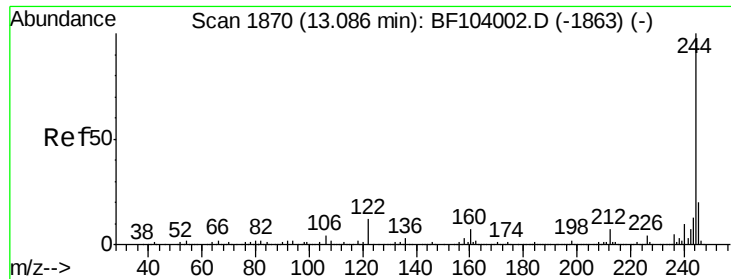
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BF104227.D
Acq: 4 Apr 2018 16:09

Tgt Ion:240 Resp: 399285
Ion Ratio Lower Upper
240 100
120 13.2 9.5 14.3
236 25.1 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

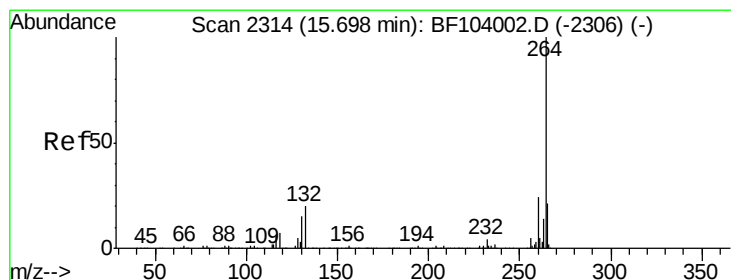
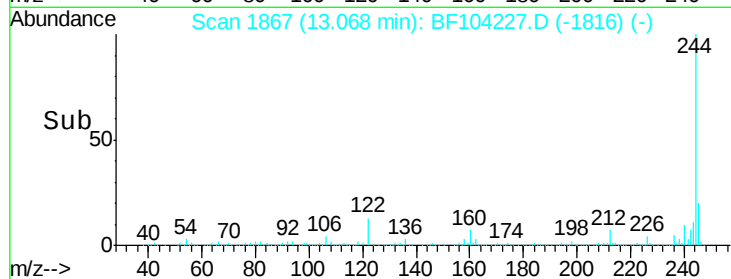
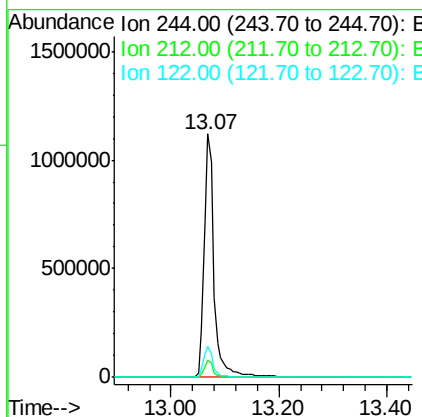
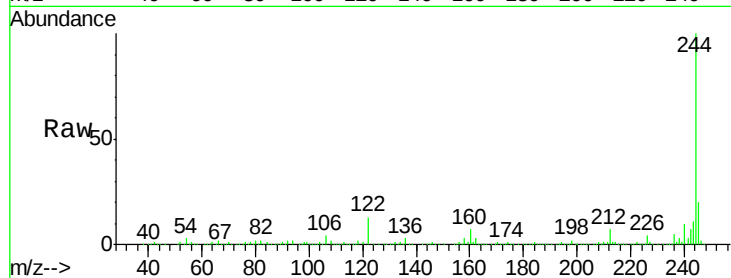




#78
 Terphenyl-d14
 Concen: 82.634 ng
 RT: 13.07 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: BF104227.D
 Acq: 4 Apr 2018 16:09

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 1428990
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 12.8 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2310
 Delta R.T. -0.01 min
 Lab File: BF104227.D
 Acq: 4 Apr 2018 16:09

Tgt Ion:264 Resp: 315168
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.5 17.5 26.3

