

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
 Data File : BF104079.D
 Acq On : 30 Mar 2018 4:51
 Operator : JU/SJ
 Sample : J2091-01
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 30 06:54:42 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 13:41:47 2018
 Response via : Initial Calibration

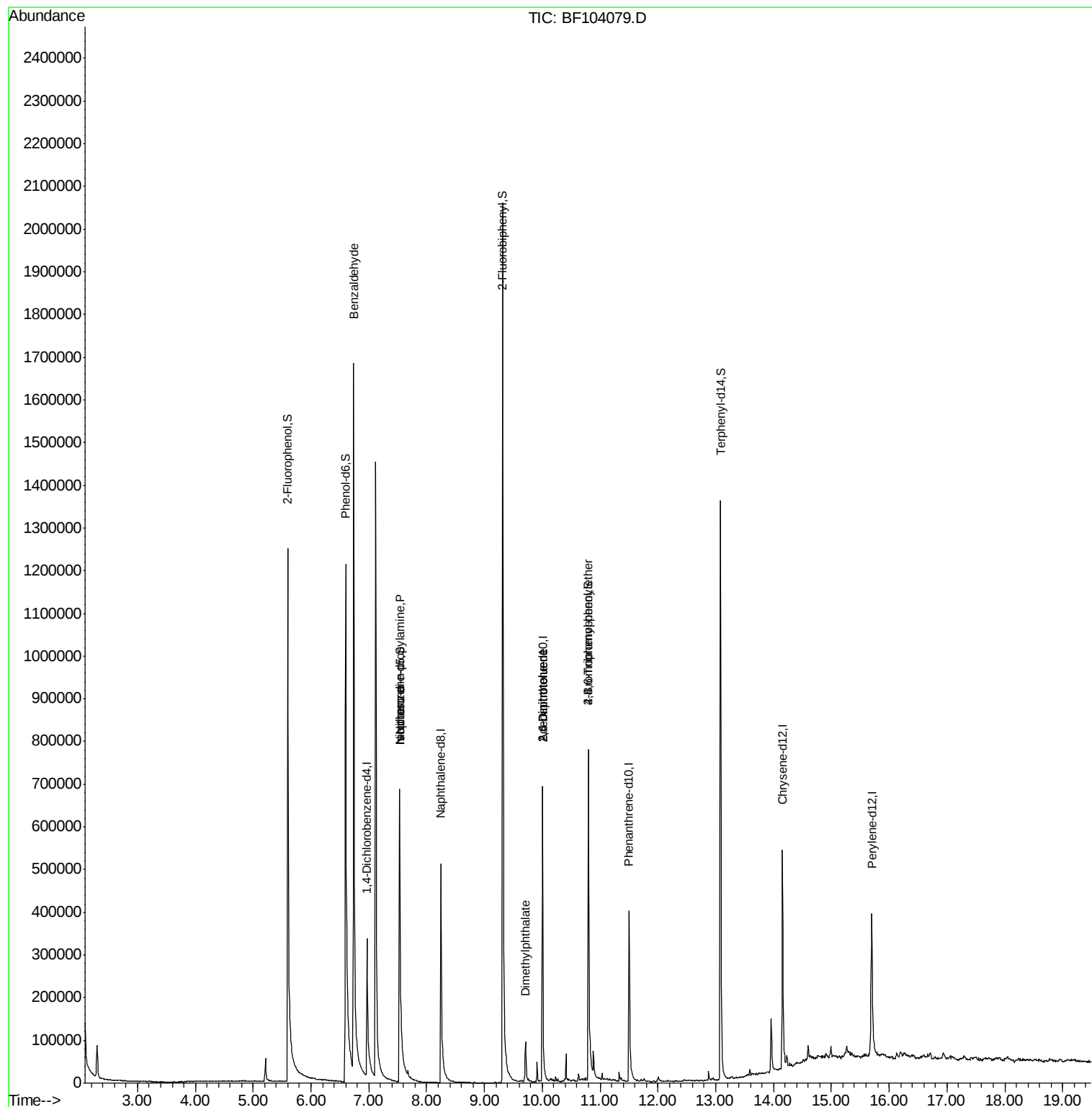
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	103770	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	419270	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	171826	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	246824	20.00	ng	0.00
75) Chrysene-d12	14.16	240	236291	20.00	ng	0.00
86) Perylene-d12	15.70	264	218998	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	650281	99.94	ng	0.00
7) Phenol-d6	6.60	99	826847	103.28	ng	0.00
23) Nitrobenzene-d5	7.53	82	485646	70.84	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	151610	79.24	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	880612	80.82	ng	0.00
78) Terphenyl-d14	13.09	244	595974	58.24	ng	0.00
Target Compounds						
9) Benzaldehyde	6.74	77	13940	2.140	ng	88
19) n-Nitroso-di-n-propylamine	7.53	70	57688	12.142	ng	# 73
25) Isophorone	7.53	82	486307	38.490	ng	# 64
49) Dimethylphthalate	9.71	163	55625	4.100	ng	100
50) 2,6-Dinitrotoluene	10.00	165	21299	7.298	ng	# 26
56) 2,4-Dinitrotoluene	10.00	165	21552	5.787	ng	# 24
66) 4-Bromophenyl-phenylether	10.80	248	9097	3.445	ng	# 1

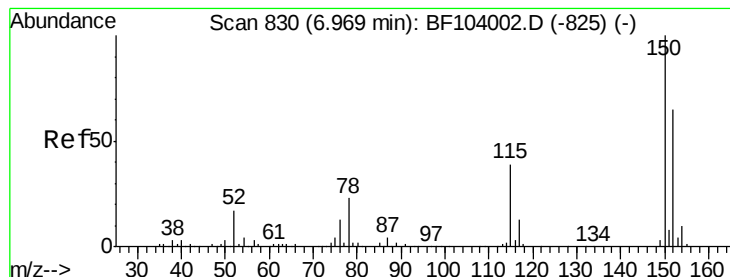
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
Data File : BF104079.D
Acq On : 30 Mar 2018 4:51
Operator : JU/SJ
Sample : J2091-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 30 06:54:42 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 28 13:41:47 2018
Response via : Initial Calibration

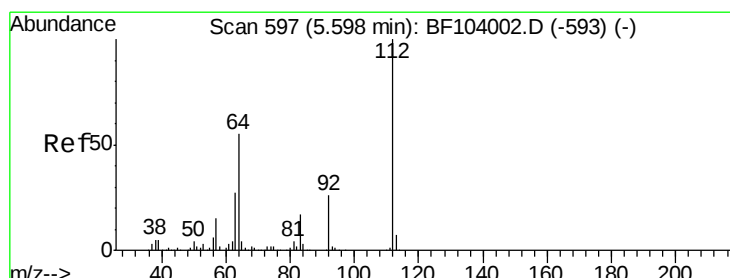
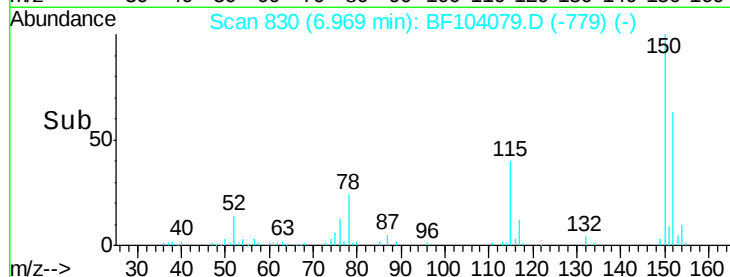
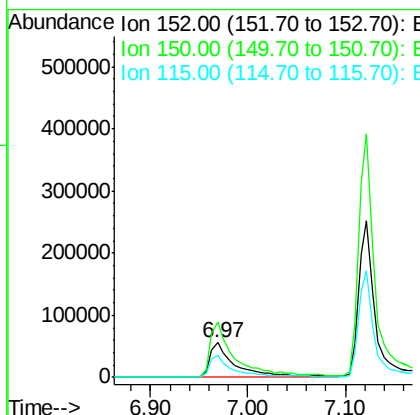
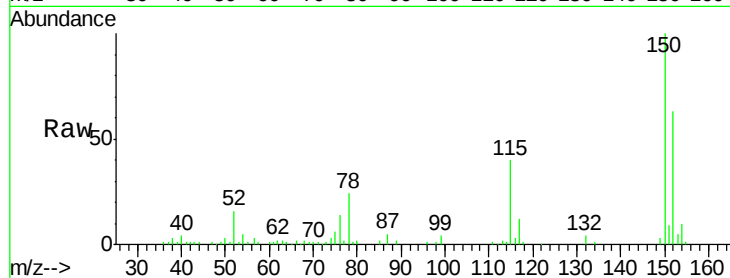




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.00 min
 Lab File: BF104079.D
 Acq: 30 Mar 2018 4:51

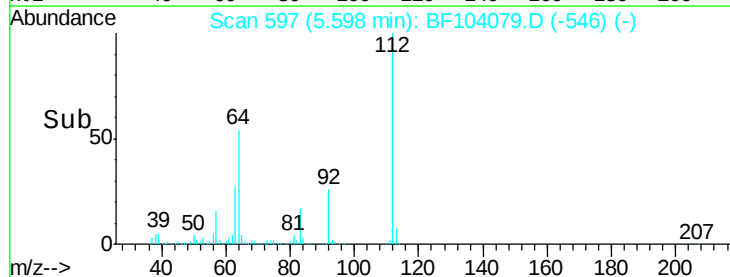
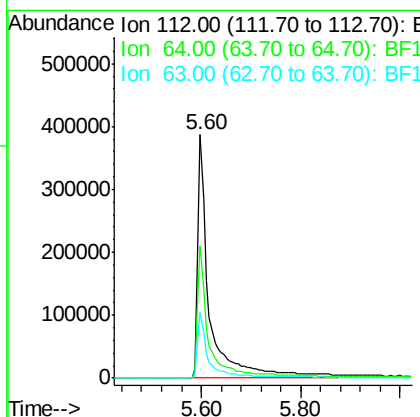
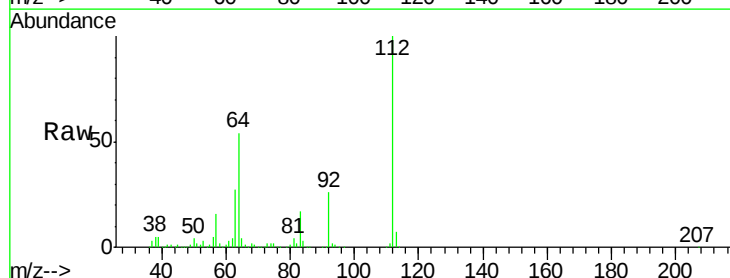
Instrument :
 BNA_F
 ClientSampleId :

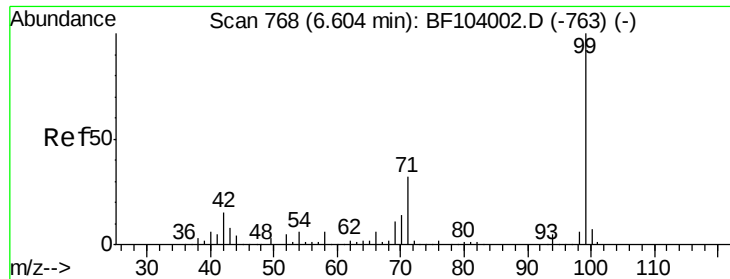
Tot Ion:152 Resp: 103770
 Ion Ratio Lower Upper
 152 100
 150 158.9 124.6 186.8
 115 63.8 50.1 75.1



#5
 2-Fluorophenol
 Concen: 99.936 ng
 RT: 5.60 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: BF104079.D
 Acq: 30 Mar 2018 4:51

Tgt Ion:112 Resp: 650281
 Ion Ratio Lower Upper
 112 100
 64 54.5 47.9 71.9
 63 27.0 23.7 35.5





#7

Phenol-d6

Concen: 103.284 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF104079.D

Acq: 30 Mar 2018 4:51

Instrument :

BNA_F

ClientSampleId :

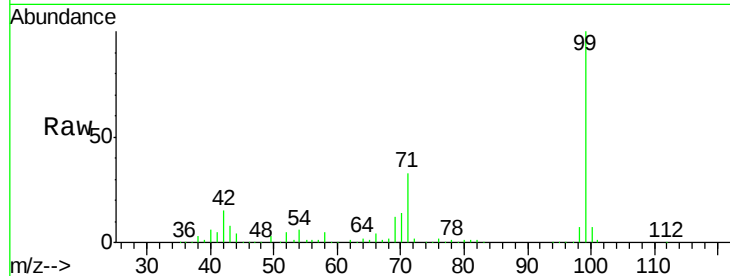
Tot Ion: 99 Resp: 826847

Ion Ratio Lower Upper

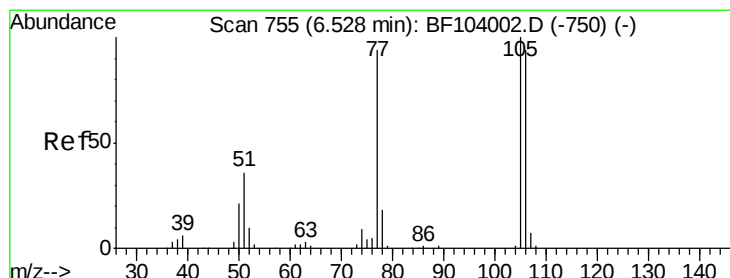
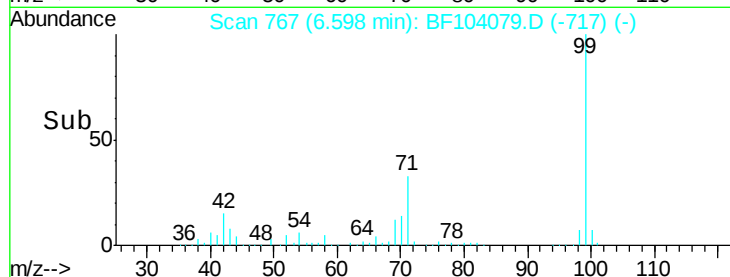
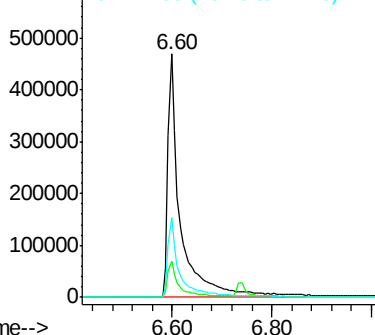
99 100

42 14.8 14.5 21.7

71 32.6 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: 2.140 ng

RT: 6.74 min Scan# 791

Delta R.T. 0.21 min

Lab File: BF104079.D

Acq: 30 Mar 2018 4:51

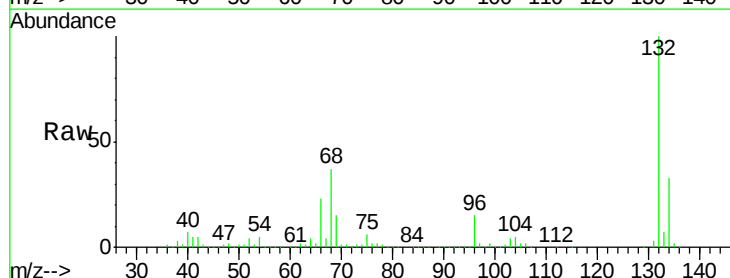
Tgt Ion: 77 Resp: 13940

Ion Ratio Lower Upper

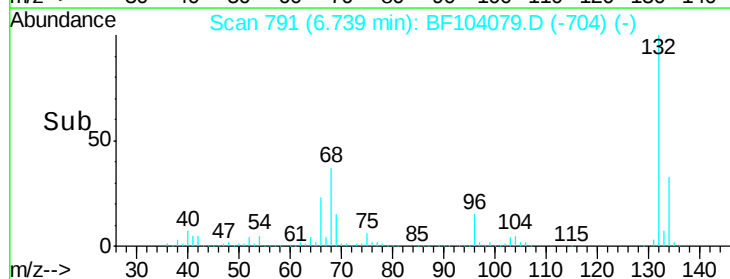
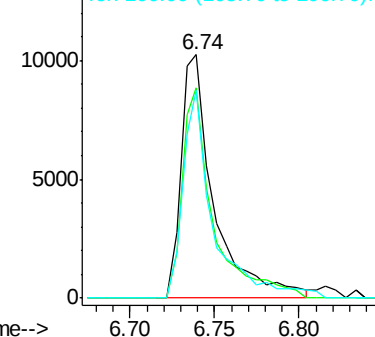
77 100

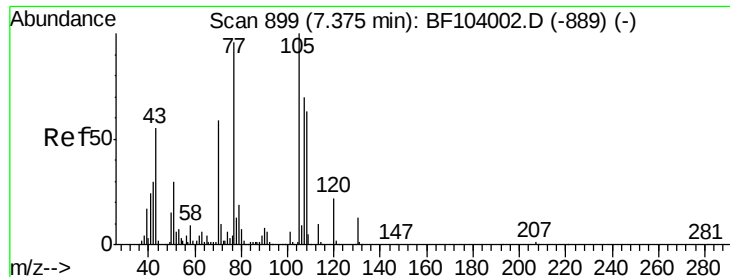
105 86.3 81.1 121.1

106 85.3 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

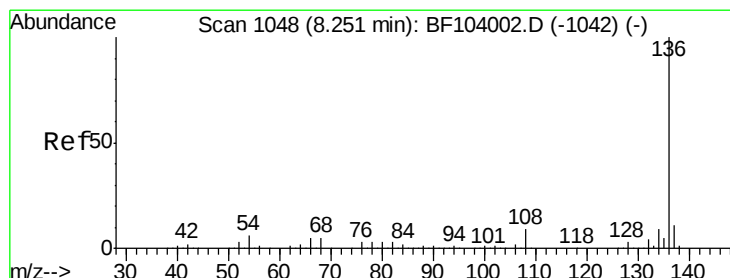
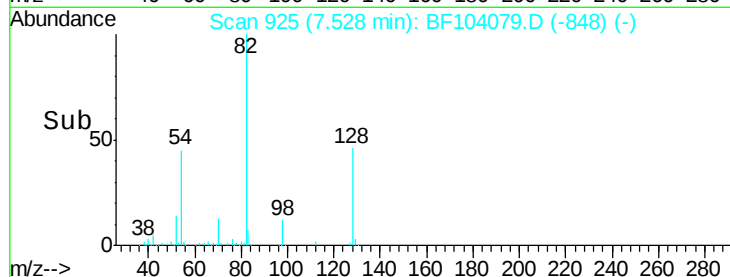
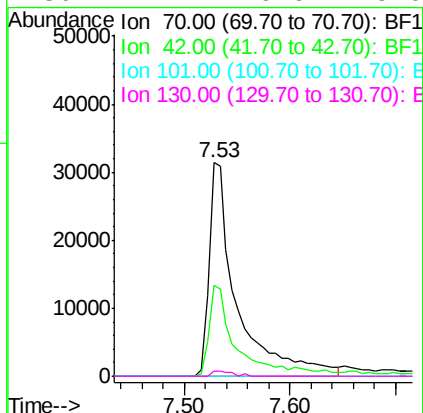
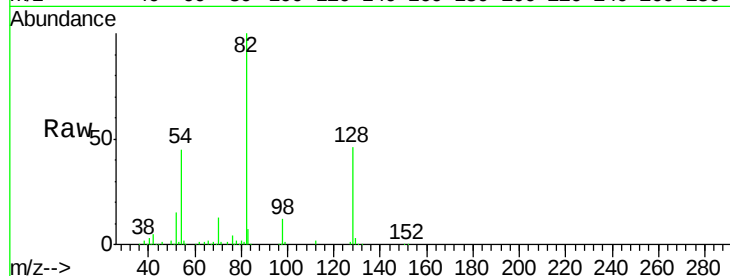




#19
n-Nitroso-di-n-propylamine
Concen: 12.142 ng
RT: 7.53 min Scan# 925
Delta R.T. 0.15 min
Lab File: BF104079.D
Acq: 30 Mar 2018 4:51

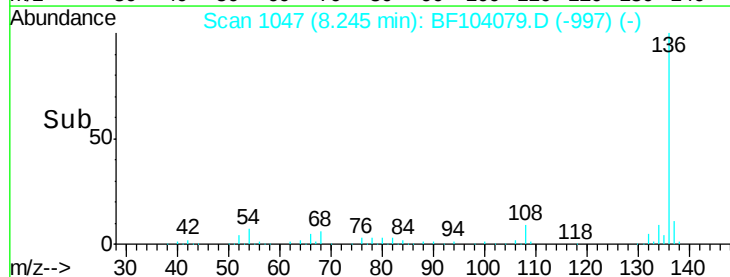
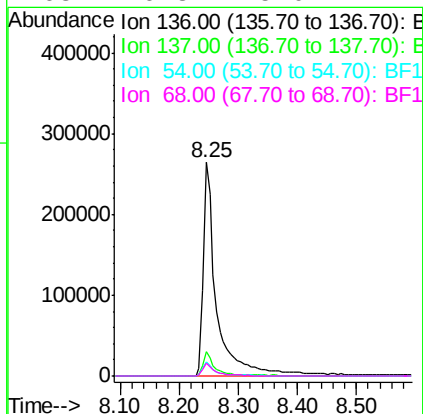
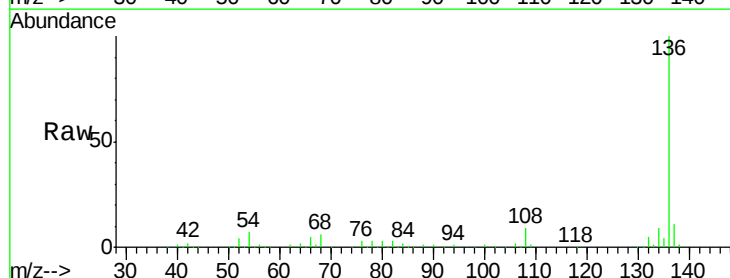
Instrument :
BNA_F
ClientSampled :

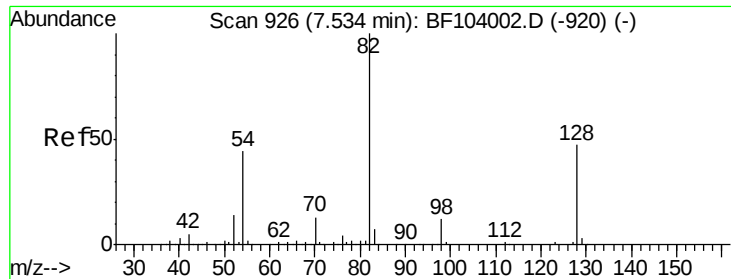
Tot Ion: 70 Resp: 57688
Ion Ratio Lower Upper
70 100
42 42.6 47.5 71.3#
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF104079.D
Acq: 30 Mar 2018 4:51

Tgt Ion: 136 Resp: 419270
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 6.9 6.6 9.8
68 6.3 5.0 7.4

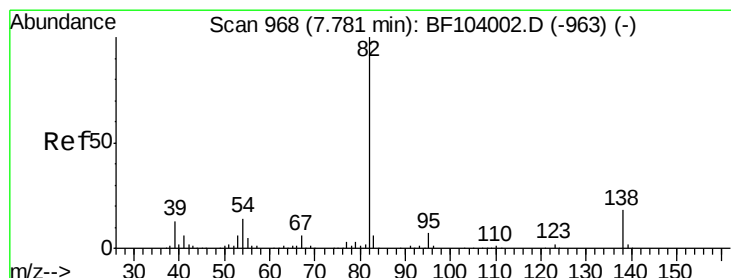
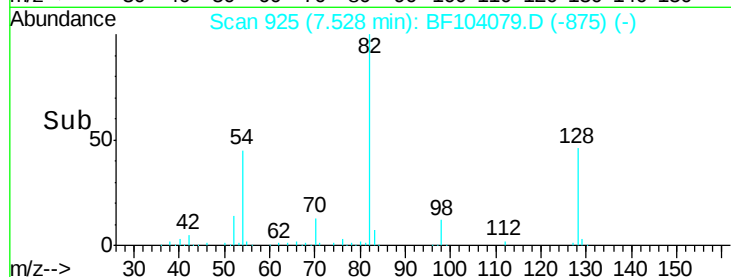
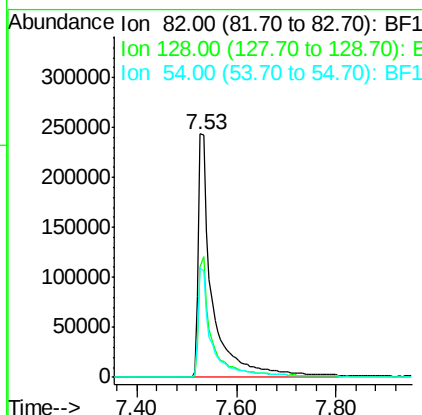
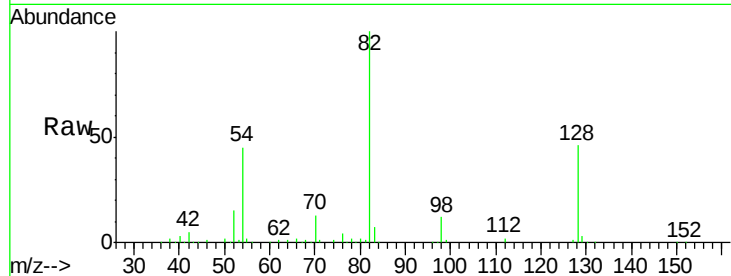




#23
Nitrobenzene-d5
Concen: 70.837 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF104079.D
Acq: 30 Mar 2018 4:51

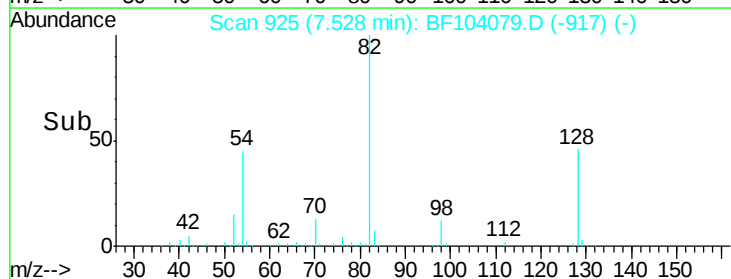
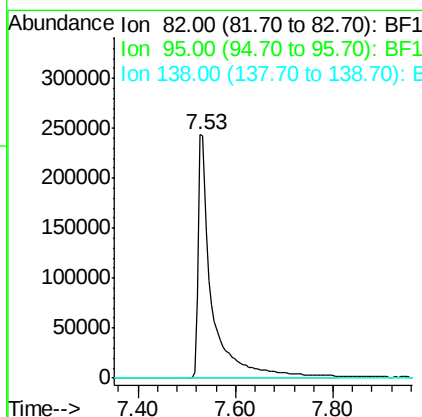
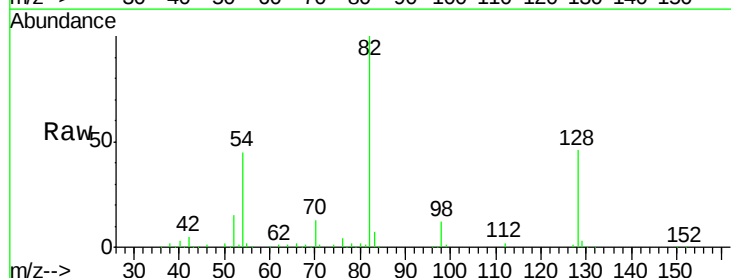
Instrument :
BNA_F
ClientSampleId :

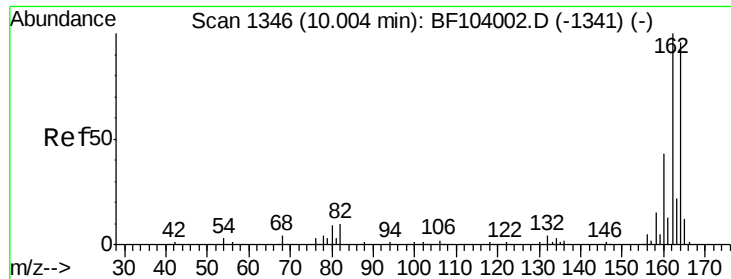
Tot Ion: 82 Resp: 485646
Ion Ratio Lower Upper
82 100
128 45.6 36.1 54.1
54 44.9 41.4 62.2



#25
Isophorone
Concen: 38.490 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.25 min
Lab File: BF104079.D
Acq: 30 Mar 2018 4:51

Tgt Ion: 82 Resp: 486307
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: 10.00 min Scan# 1346

Delta R.T. -0.00 min

Lab File: BF104079.D

Acq: 30 Mar 2018 4:51

Instrument :

BNA_F

ClientSampleId :

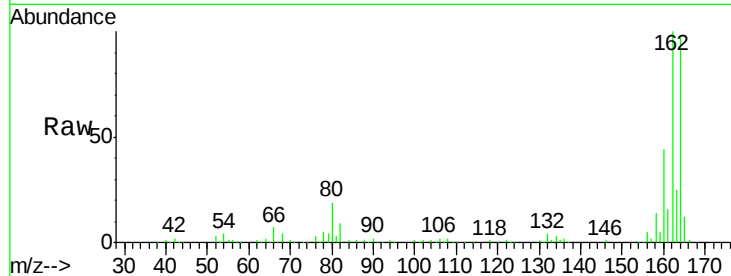
Tot Ion:164 Resp: 171826

Ion Ratio Lower Upper

164 100

162 103.3 86.1 129.1

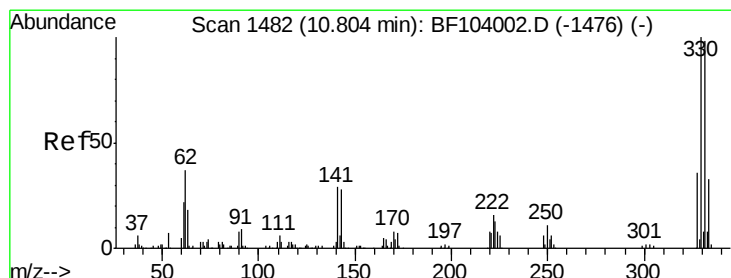
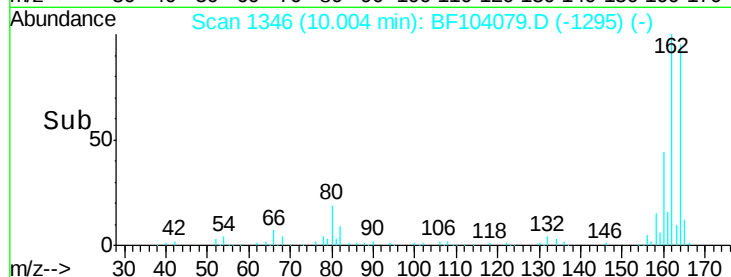
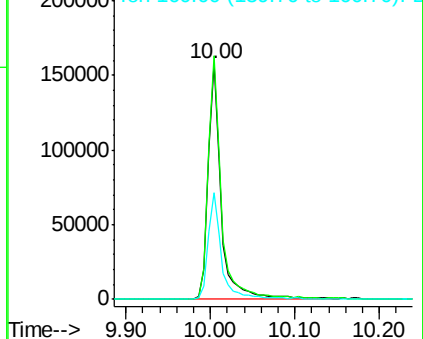
160 45.5 38.3 57.5



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: 79.241 ng

RT: 10.80 min Scan# 1481

Delta R.T. -0.01 min

Lab File: BF104079.D

Acq: 30 Mar 2018 4:51

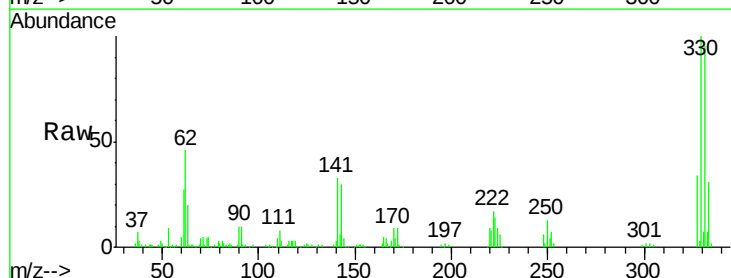
Tgt Ion:330 Resp: 151610

Ion Ratio Lower Upper

330 100

332 93.9 77.0 115.6

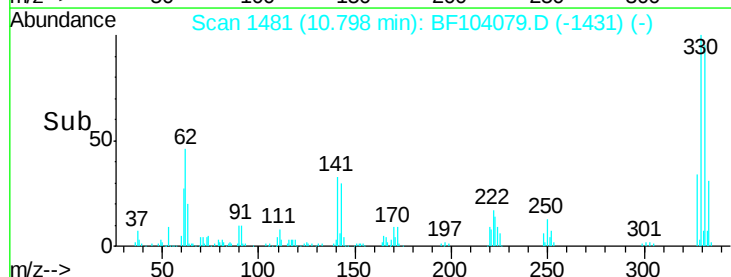
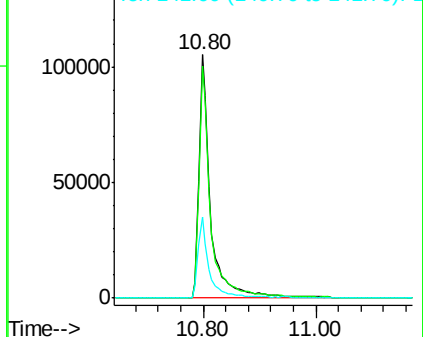
141 32.2 29.9 44.9

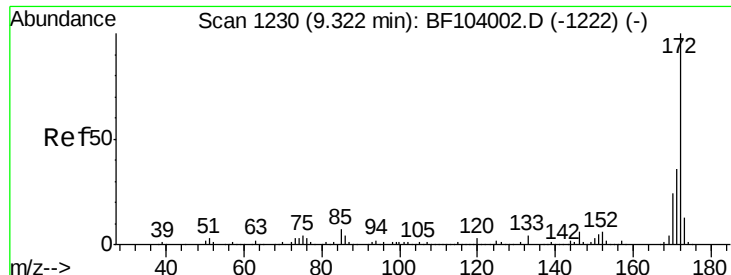


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

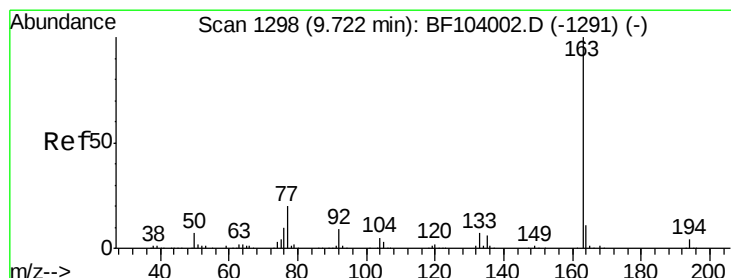
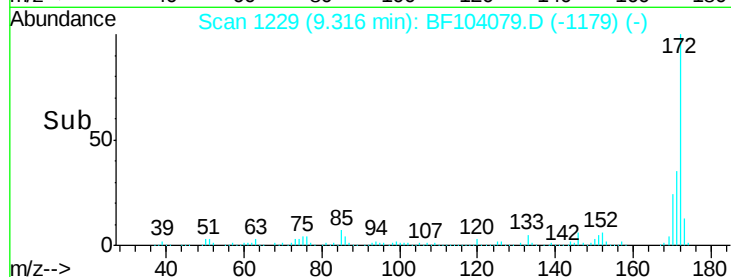
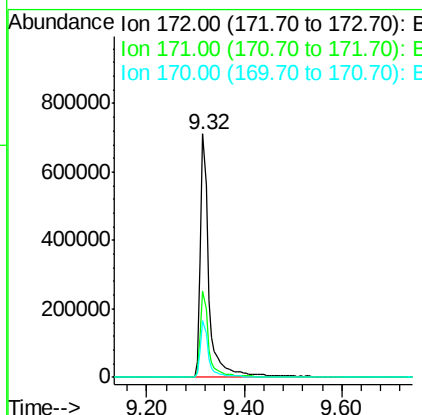
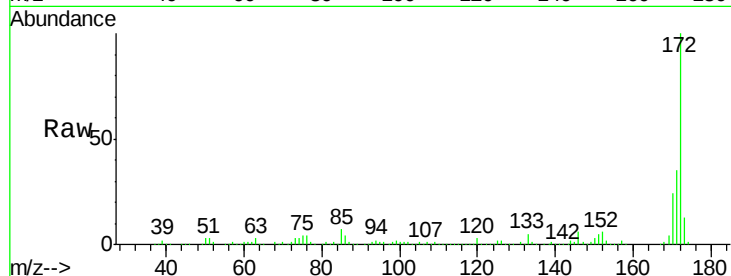




#44
2-Fluorobiphenyl
Concen: 80.817 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.01 min
Lab File: BF104079.D
Acq: 30 Mar 2018 4:51

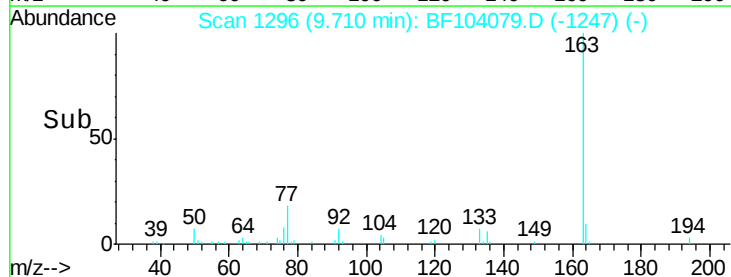
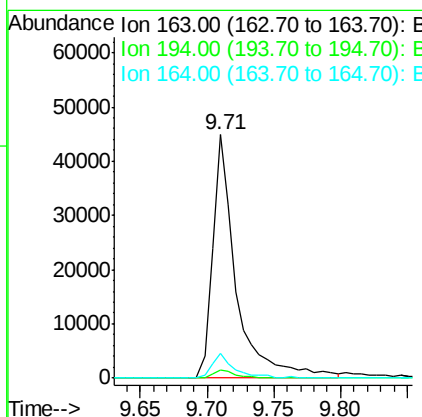
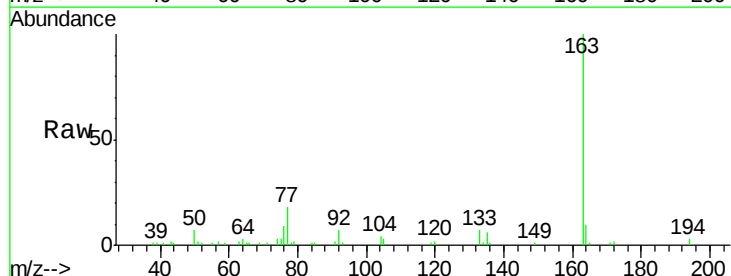
Instrument :
BNA_F
ClientSampled :

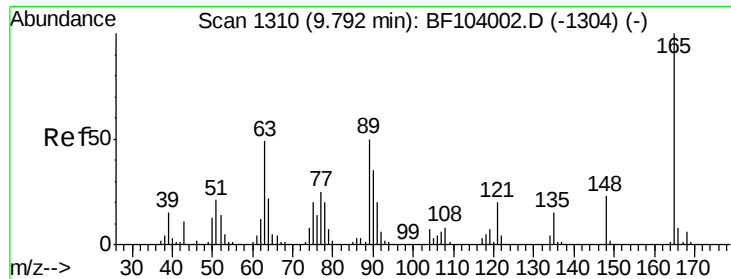
Tot Ion:172 Resp: 880612
Ion Ratio Lower Upper
172 100
171 35.5 29.7 44.5
170 23.6 19.6 29.4



#49
Dimethylphthalate
Concen: 4.100 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF104079.D
Acq: 30 Mar 2018 4:51

Tgt Ion:163 Resp: 55625
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.3 8.2 12.2

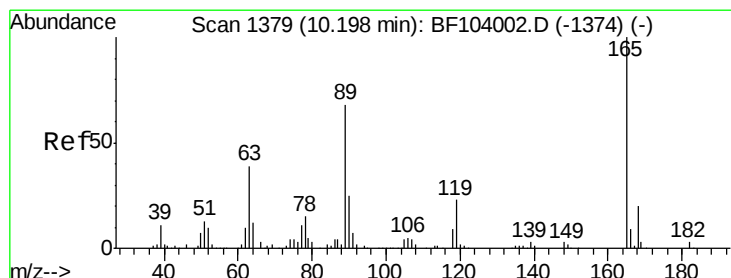
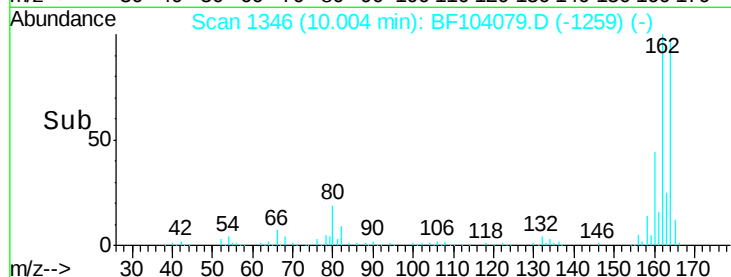
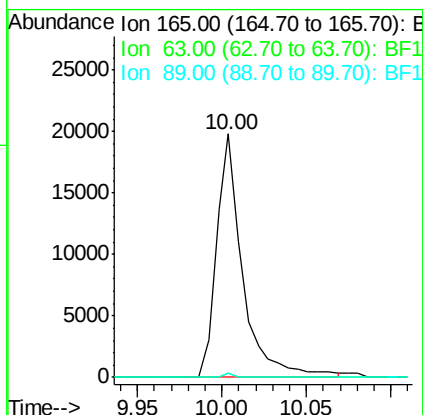
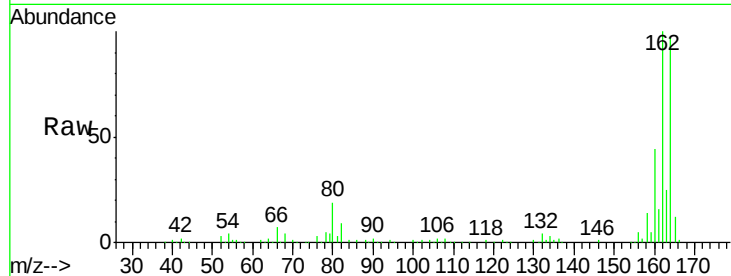




#50
2,6-Dinitrotoluene
Concen: 7.298 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.21 min
Lab File: BF104079.D
Acq: 30 Mar 2018 4:51

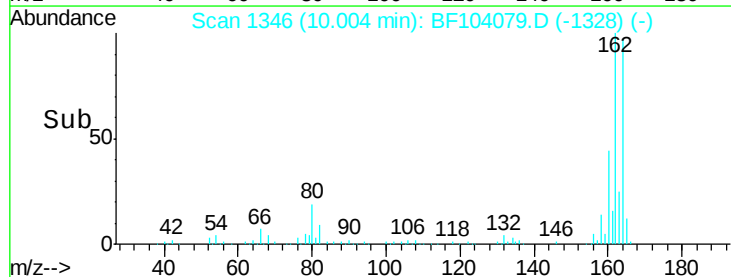
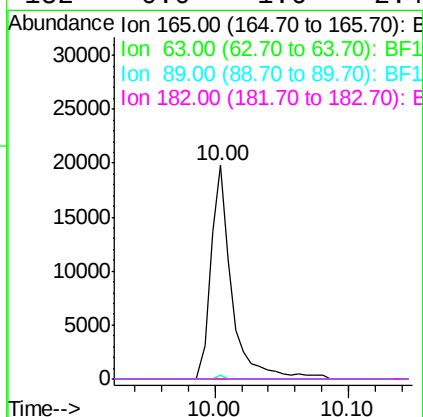
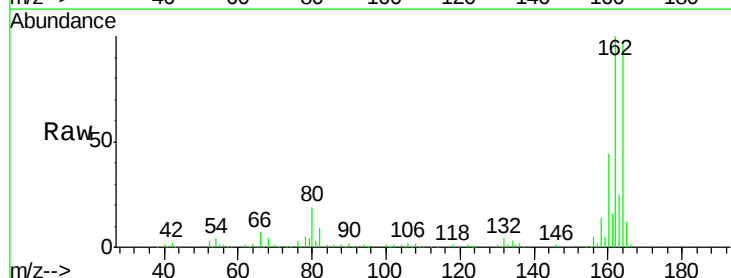
Instrument :
BNA_F
ClientSampleId :

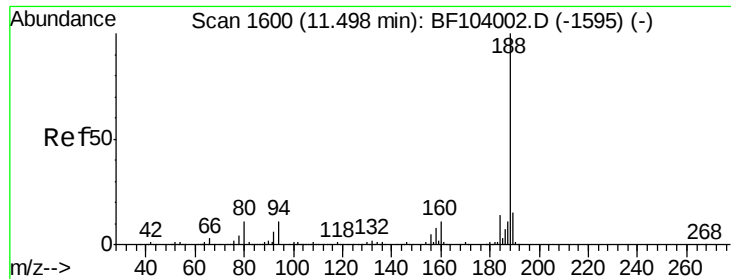
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.7	67.1#
89	1.6	44.0	66.0#



#56
2,4-Dinitrotoluene
Concen: 5.787 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.19 min
Lab File: BF104079.D
Acq: 30 Mar 2018 4:51

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#

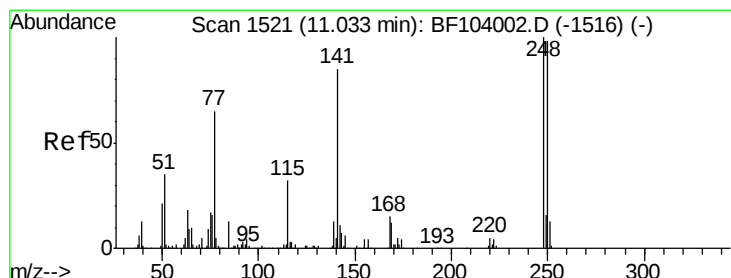
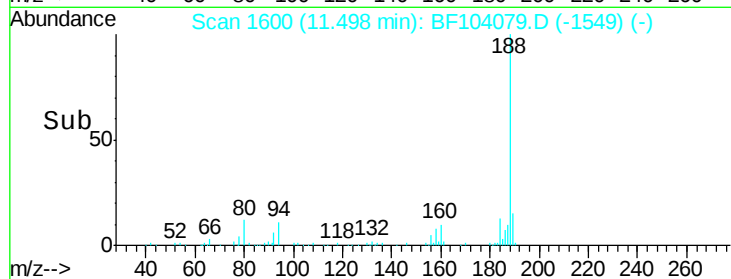
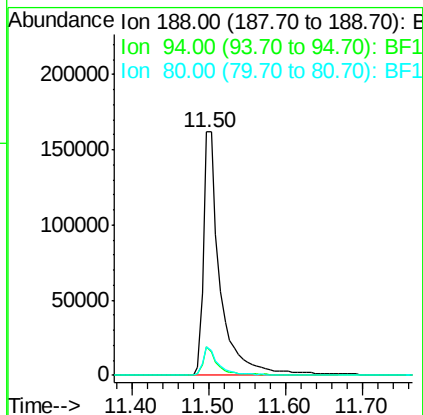
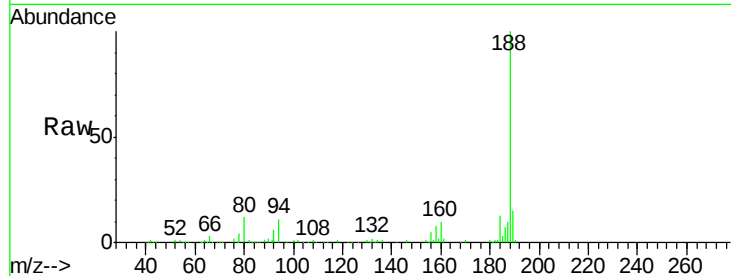




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: BF104079.D
 Acq: 30 Mar 2018 4:51

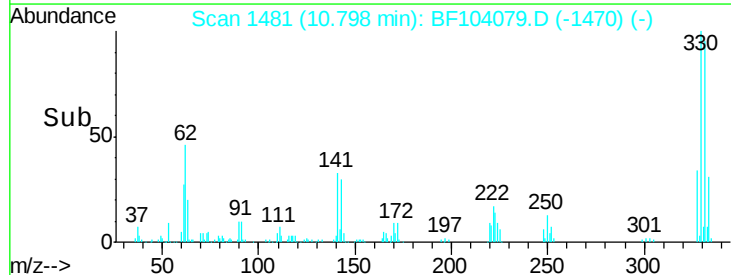
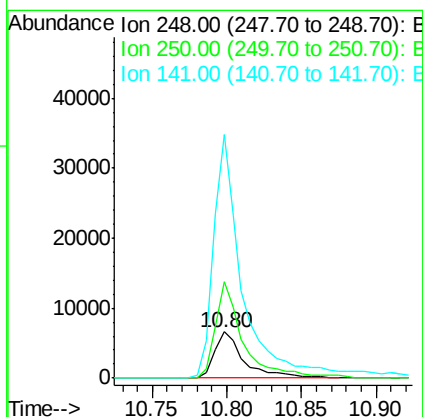
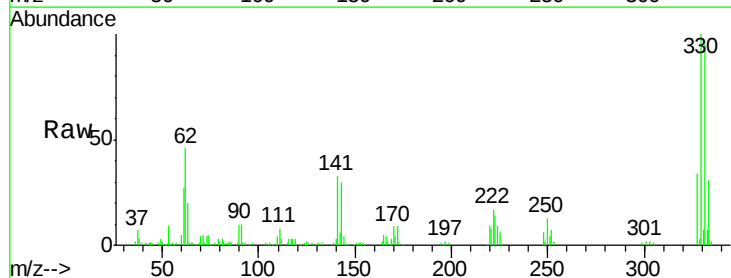
Instrument :
 BNA_F
 ClientSampleId :

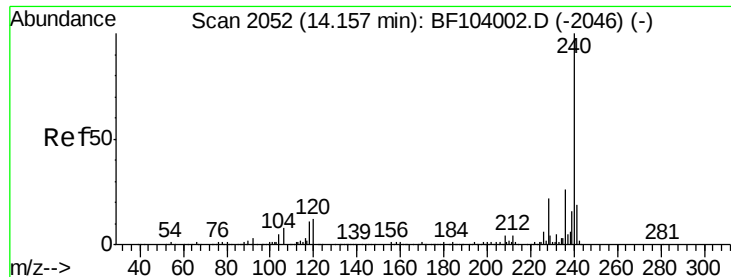
Tot Ion:188 Resp: 246824
 Ion Ratio Lower Upper
 188 100
 94 11.5 8.5 12.7
 80 12.0 9.2 13.8



#66
 4-Bromophenyl-phenylether
 Concen: 3.445 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.24 min
 Lab File: BF104079.D
 Acq: 30 Mar 2018 4:51

Tgt Ion:248 Resp: 9097
 Ion Ratio Lower Upper
 248 100
 250 209.7 76.9 115.3#
 141 530.7 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2052

Delta R.T. -0.00 min

Lab File: BF104079.D

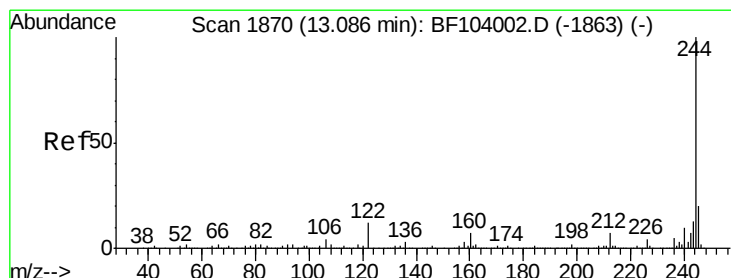
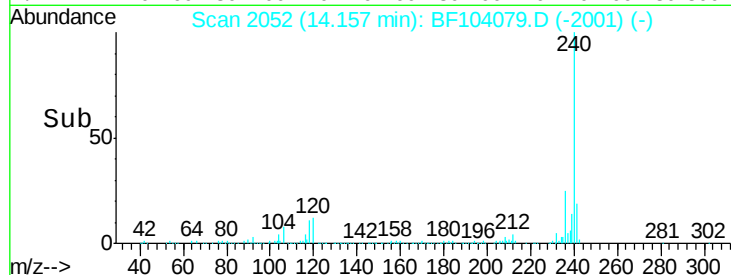
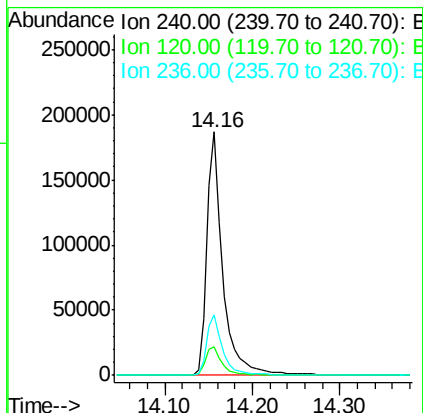
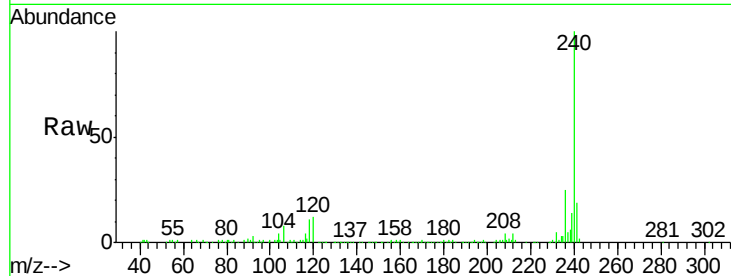
Acq: 30 Mar 2018 4:51

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	240	Resp:	236291
Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.5	14.3
236	24.8	20.7	31.1



#78

Terphenyl-d14

Concen: 58.236 ng

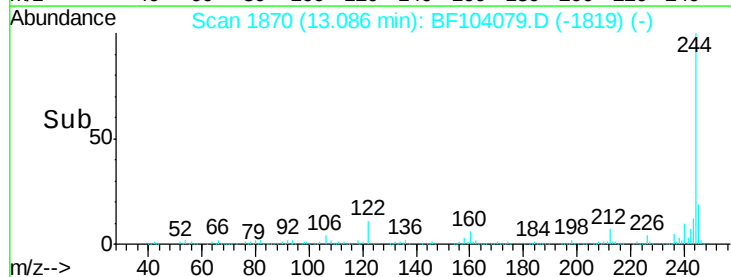
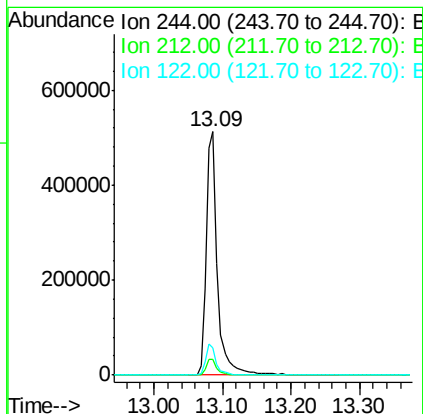
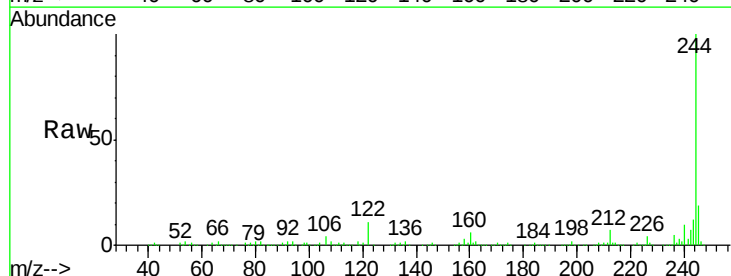
RT: 13.09 min Scan# 1870

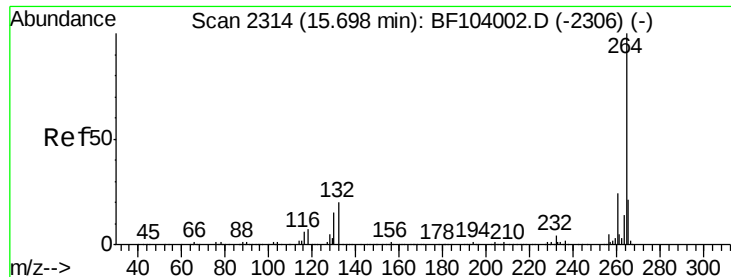
Delta R.T. -0.00 min

Lab File: BF104079.D

Acq: 30 Mar 2018 4:51

Tgt Ion:	244	Resp:	595974
Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	11.3	11.0	16.4

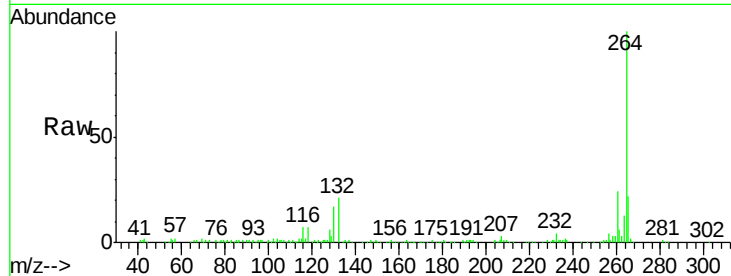




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.70 min Scan# 2314
 Delta R.T. -0.00 min
 Lab File: BF104079.D
 Acq: 30 Mar 2018 4:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.9	17.5	26.3



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

