

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040418\
 Data File : BF104268.D
 Acq On : 5 Apr 2018 11:07
 Operator : JU/SJ
 Sample : J2179-09
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 05 11:42:51 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

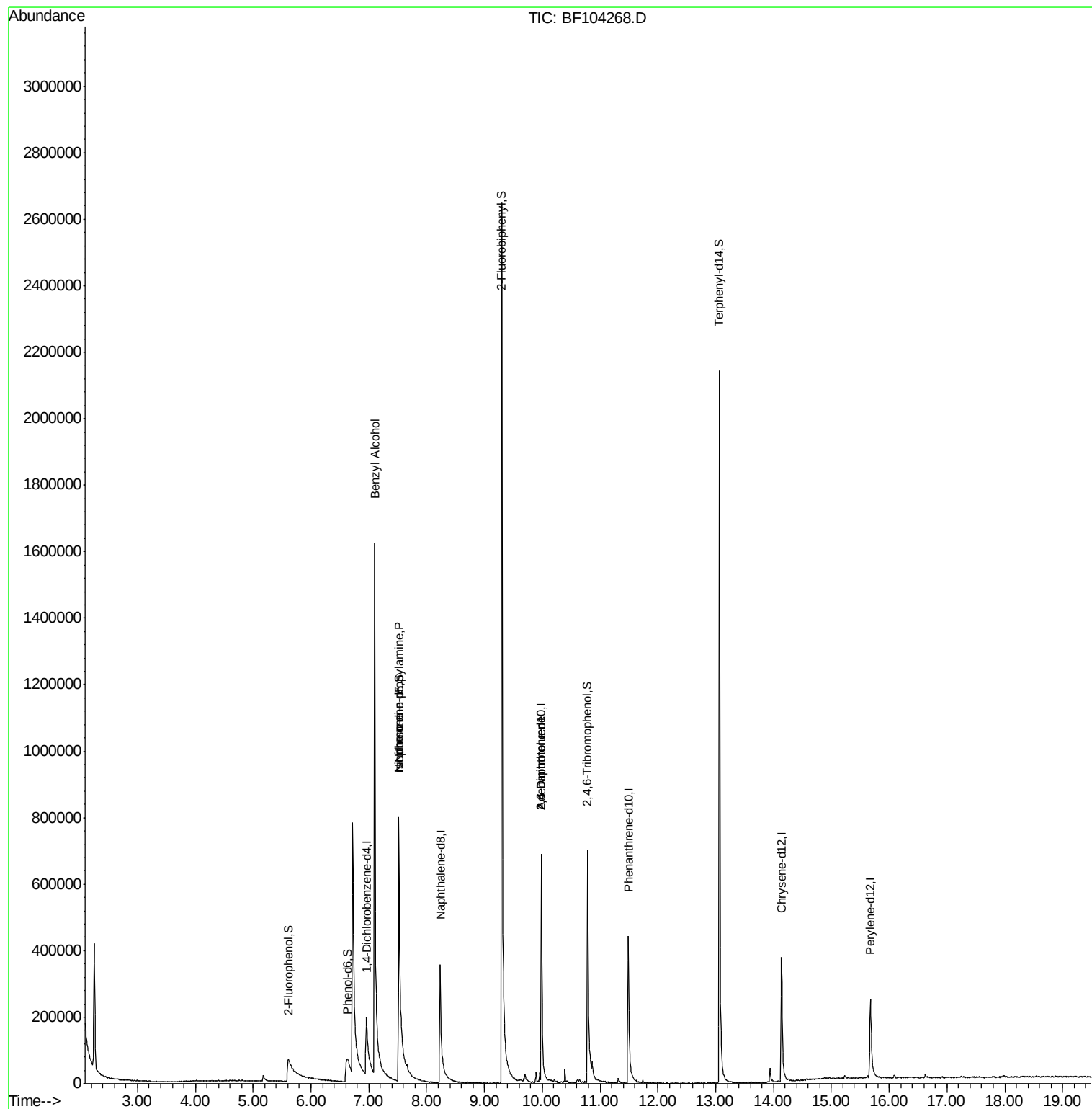
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	97625	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	452233	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	205397	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	332877	20.00	ng	0.00
75) Chrysene-d12	14.14	240	226267	20.00	ng	0.00
86) Perylene-d12	15.67	264	197969	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	174019	28.43	ng	0.01
7) Phenol-d6	6.62	99	182477	24.23	ng	0.02
23) Nitrobenzene-d5	7.52	82	731072	98.86	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	175311	76.65	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	1407102	108.03	ng	0.00
78) Terphenyl-d14	13.06	244	999984	102.04	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.10	79	10828	2.211	ng	# 45
19) n-Nitroso-di-n-propylamine	7.52	70	79305	17.743	ng	# 73
25) Isophorone	7.52	82	731072	53.645	ng	# 64
50) 2,6-Dinitrotoluene	9.99	165	24250	6.951	ng	# 25
56) 2,4-Dinitrotoluene	9.99	165	25053	5.627	ng	# 23

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

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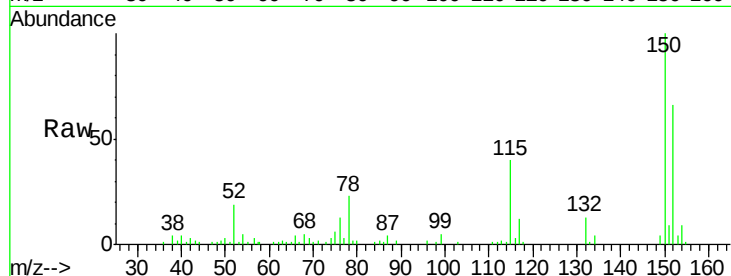


#1

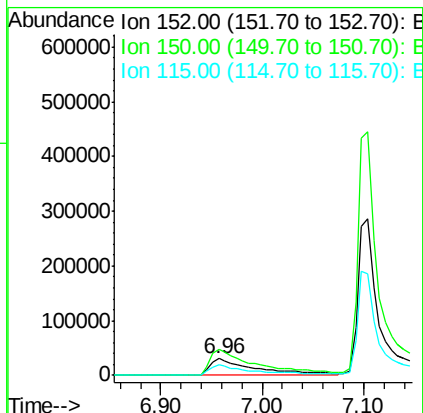
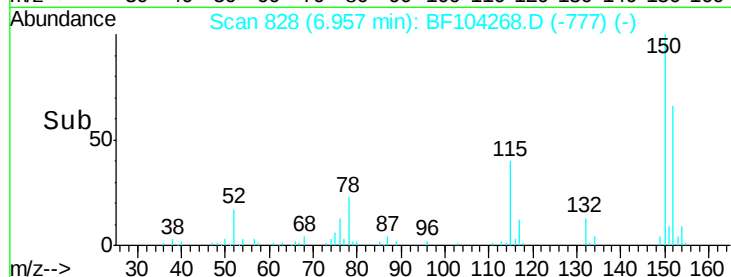
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.00 min
Lab File: BF104268.D
Acq: 5 Apr 2018 11:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 97625
Ion Ratio Lower Upper
152 100
150 151.7 124.6 186.8
115 61.4 50.1 75.1



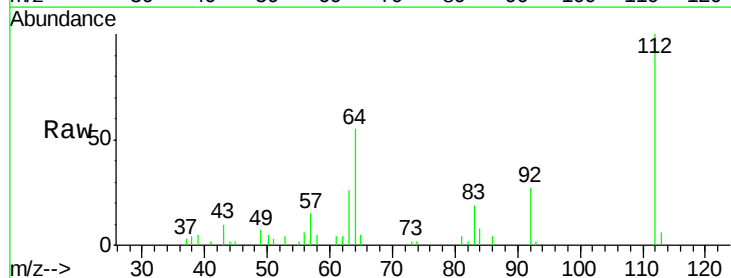
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



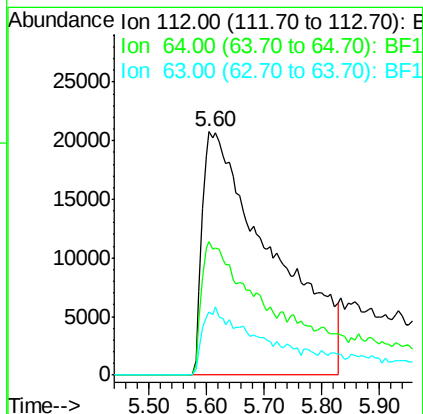
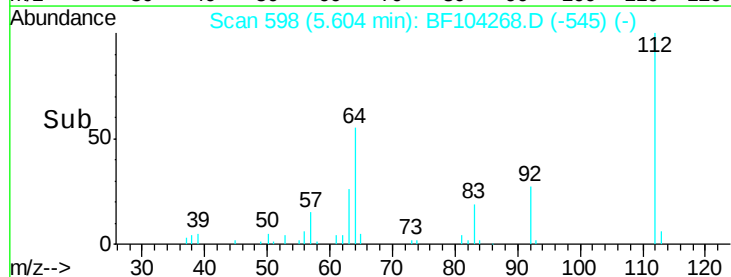
#5

2-Fluorophenol
Concen: 28.427 ng
RT: 5.60 min Scan# 598
Delta R.T. 0.01 min
Lab File: BF104268.D
Acq: 5 Apr 2018 11:07

Tgt Ion:112 Resp: 174019
Ion Ratio Lower Upper
112 100
64 55.0 47.9 71.9
63 26.1 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: 24.229 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.02 min

Lab File: BF104268.D

Acq: 5 Apr 2018 11:07

Instrument :

BNA_F

ClientSampleId :

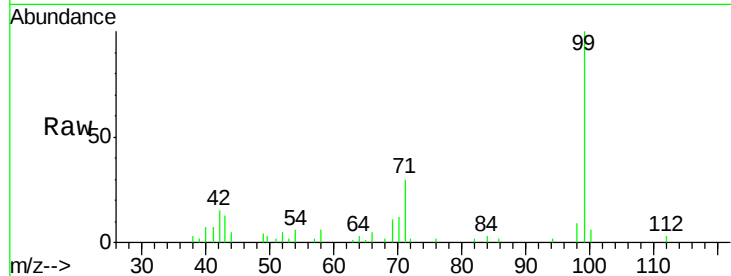
Tot Ion: 99 Resp: 182477

Ion Ratio Lower Upper

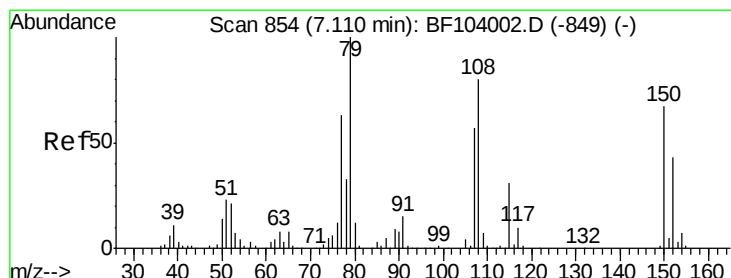
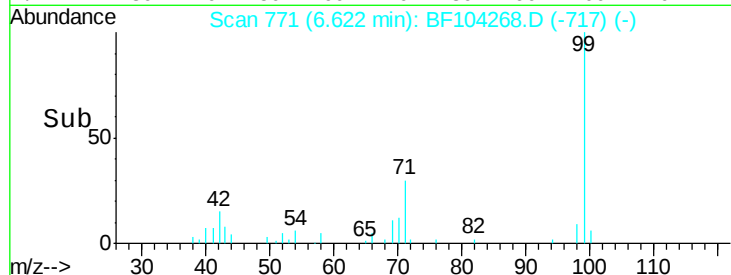
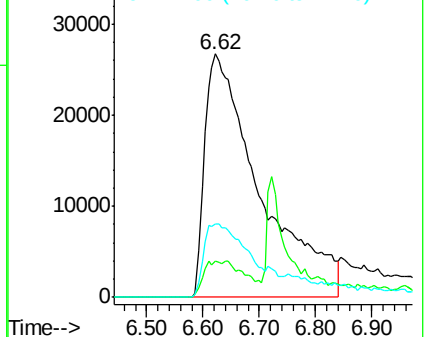
99 100

42 15.0 14.5 21.7

71 30.2 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: 2.211 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.01 min

Lab File: BF104268.D

Acq: 5 Apr 2018 11:07

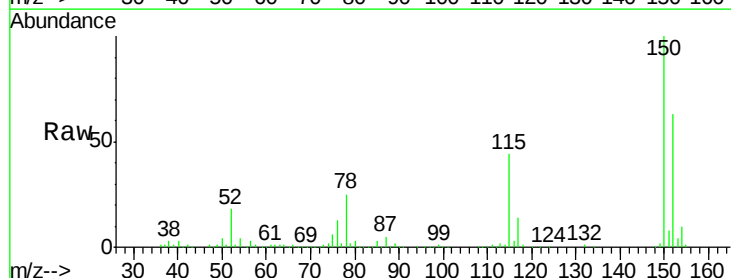
Tgt Ion: 79 Resp: 10828

Ion Ratio Lower Upper

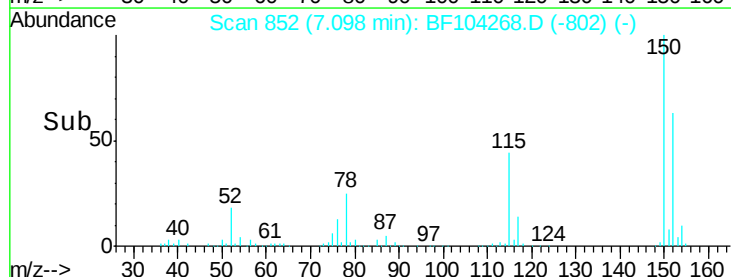
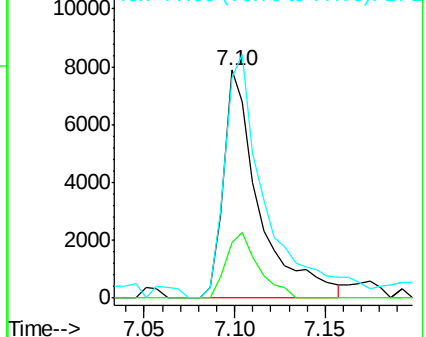
79 100

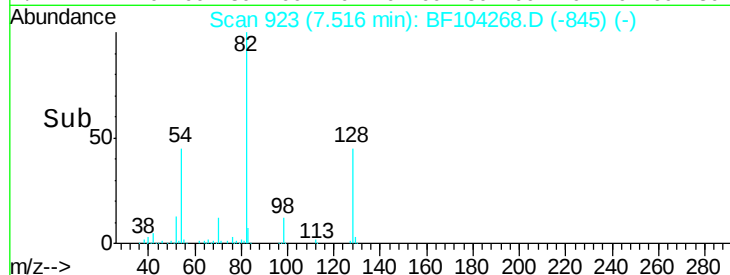
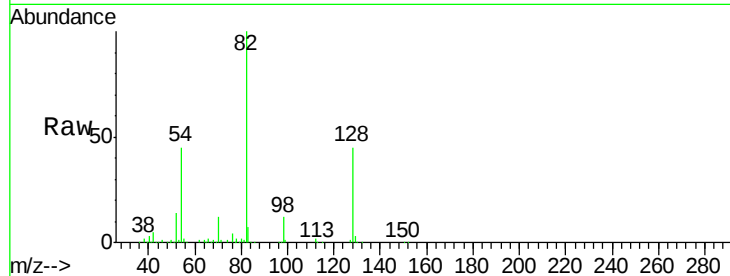
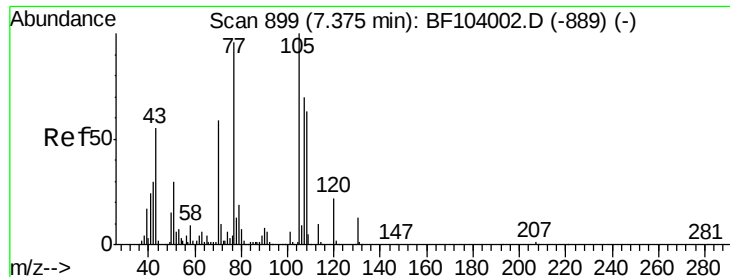
108 24.4 65.1 97.7#

77 96.5 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

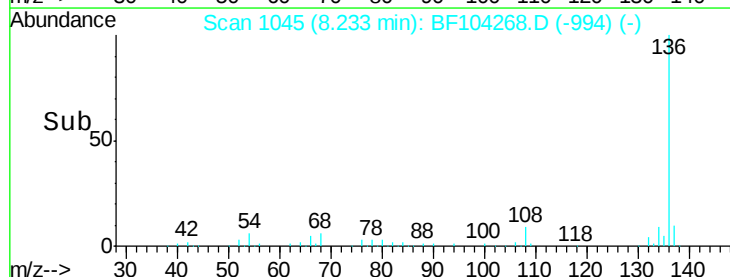
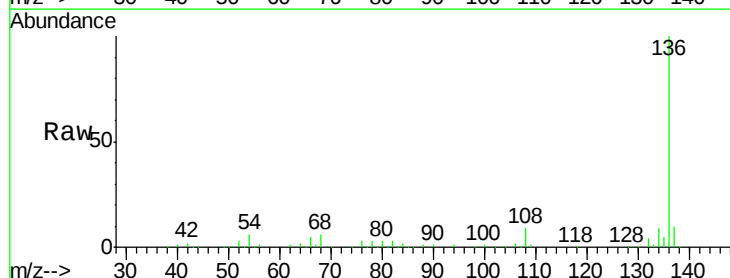
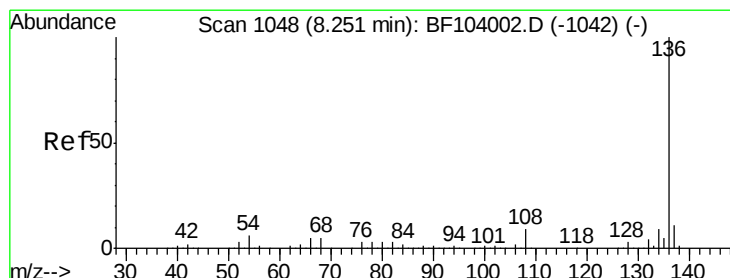
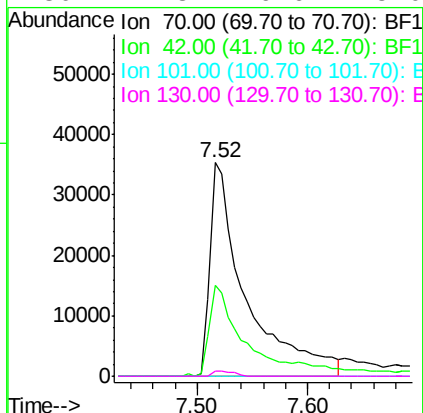




#19
n-Nitroso-di-n-propylamine
Concen: 17.743 ng
RT: 7.52 min Scan# 923
Delta R.T. 0.16 min
Lab File: BF104268.D
Acq: 5 Apr 2018 11:07

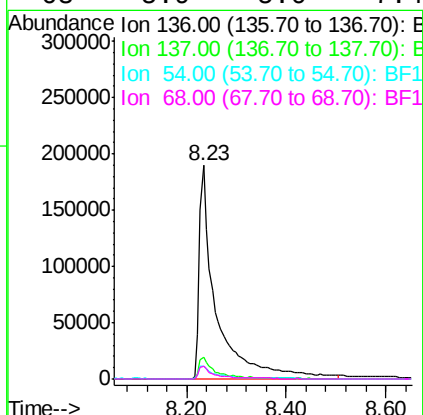
Instrument :
BNA_F
ClientSampled :

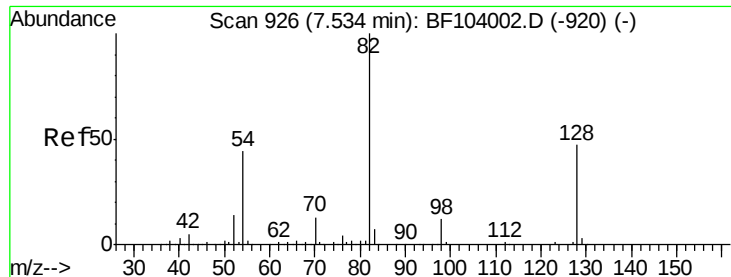
Tot Ion: 70 Resp: 79305
Ion Ratio Lower Upper
70 100
42 42.4 47.5 71.3#
101 0.0 7.4 11.2#
130 2.3 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF104268.D
Acq: 5 Apr 2018 11:07

Tgt Ion:136 Resp: 452233
Ion Ratio Lower Upper
136 100
137 10.3 8.9 13.3
54 6.2 6.6 9.8#
68 5.9 5.0 7.4

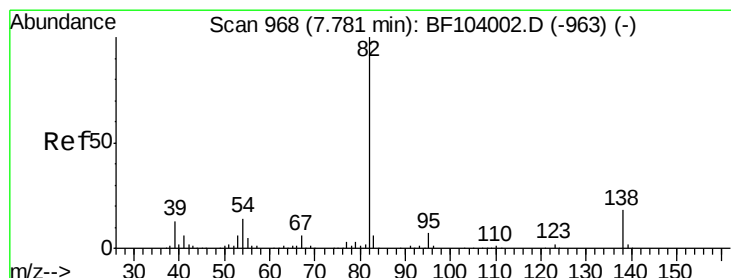
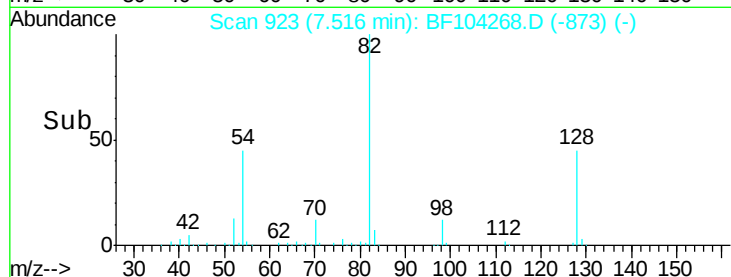
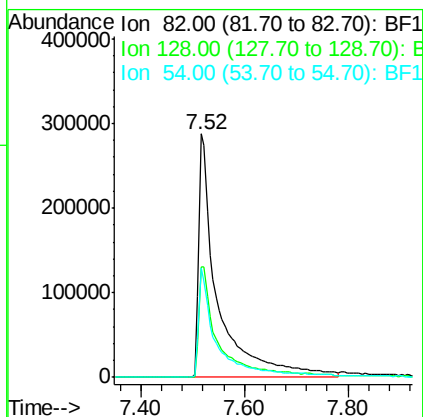
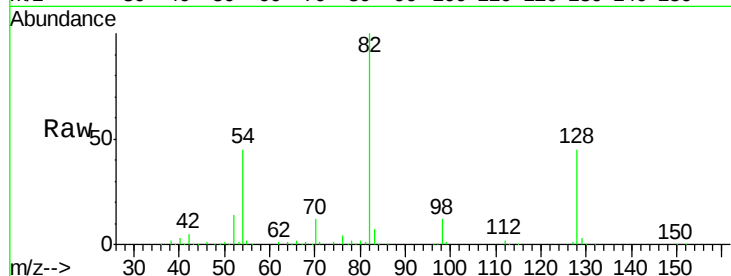




#23
Nitrobenzene-d5
Concen: 98.863 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF104268.D
Acq: 5 Apr 2018 11:07

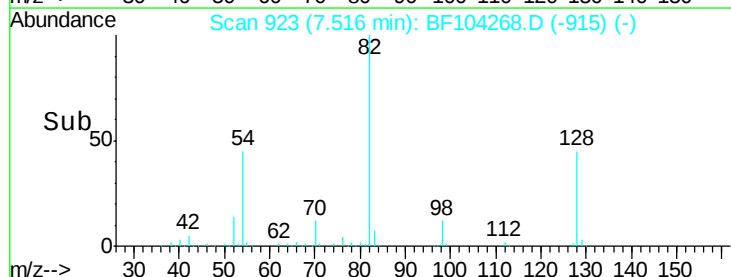
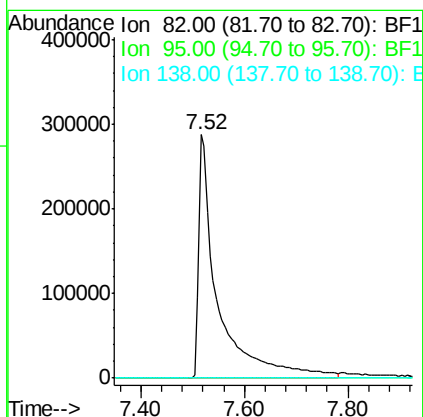
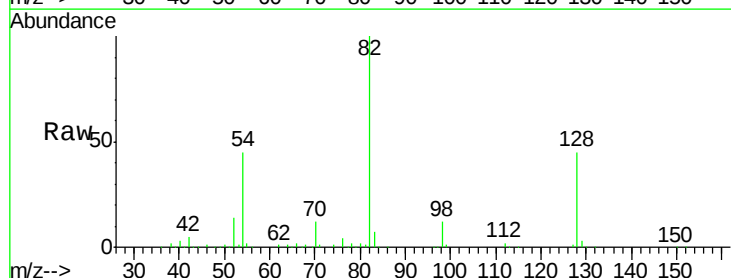
Instrument :
BNA_F
ClientSampleId :

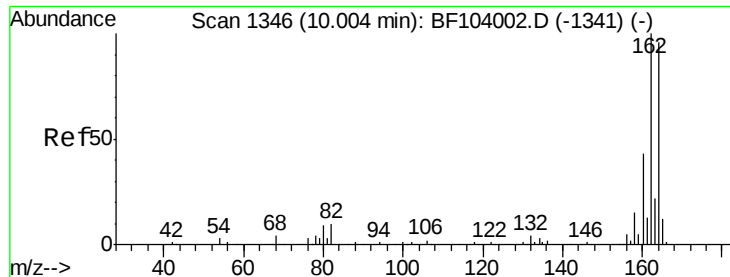
Tot Ion	Ratio	Lower	Upper
82	100		
128	45.3	36.1	54.1
54	44.8	41.4	62.2



#25
Isophorone
Concen: 53.645 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.25 min
Lab File: BF104268.D
Acq: 5 Apr 2018 11:07

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

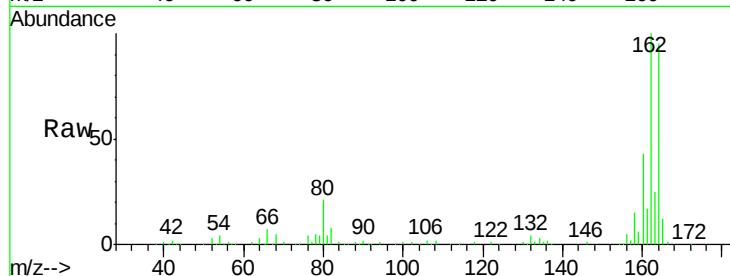




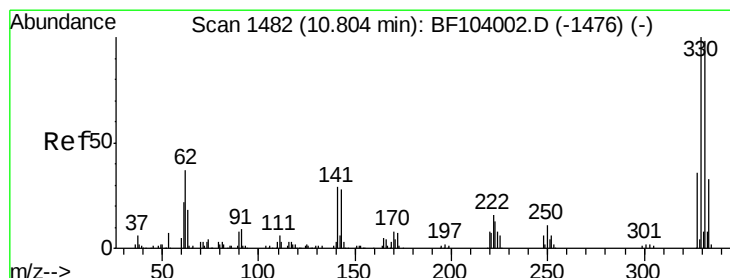
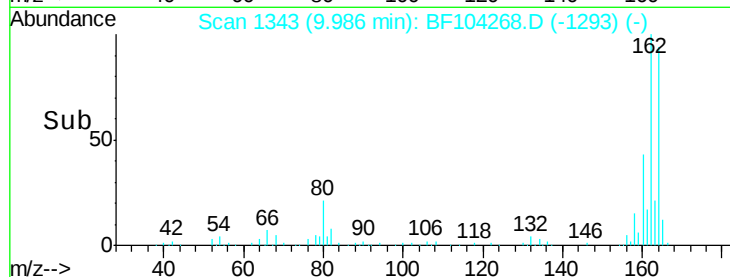
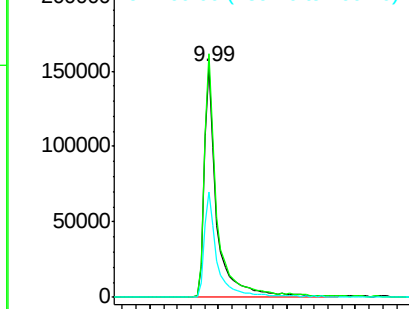
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.01 min
 Lab File: BF104268.D
 Acq: 5 Apr 2018 11:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.7	86.1	129.1
160	45.9	38.3	57.5

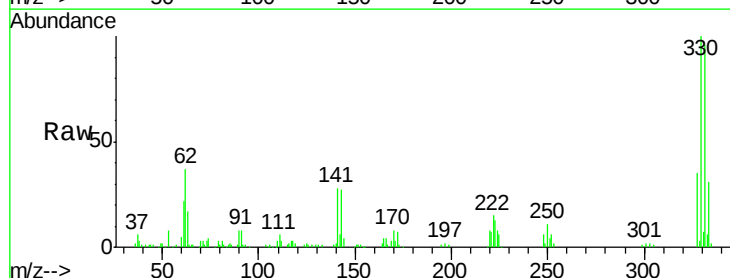


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

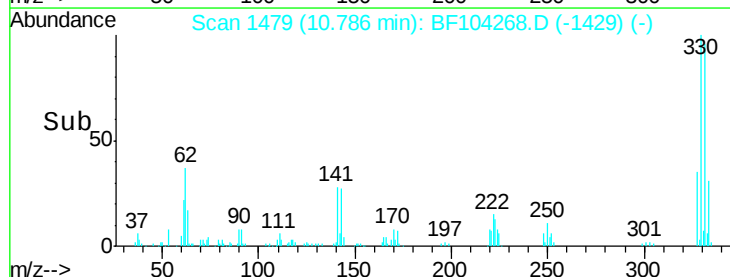
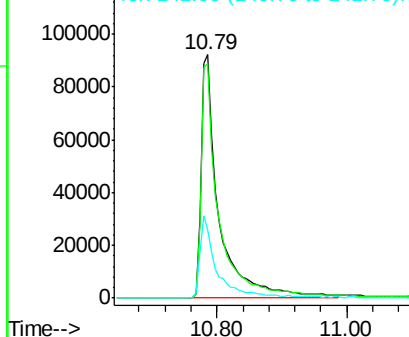


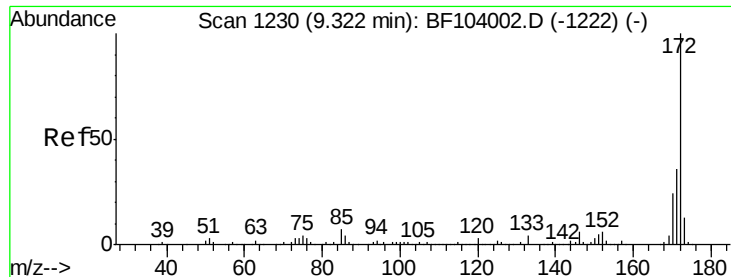
#41
 2,4,6-Tribromophenol
 Concen: 76.652 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BF104268.D
 Acq: 5 Apr 2018 11:07

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	31.4	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

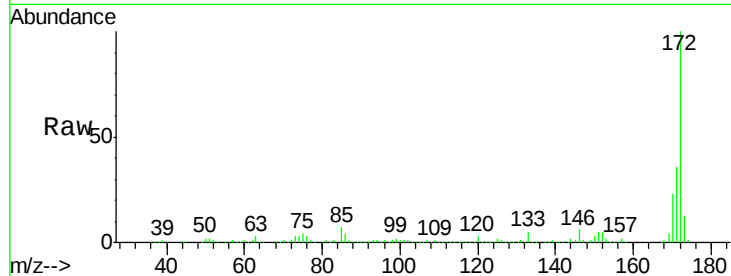




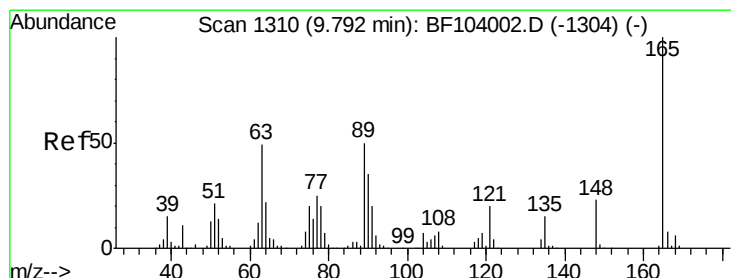
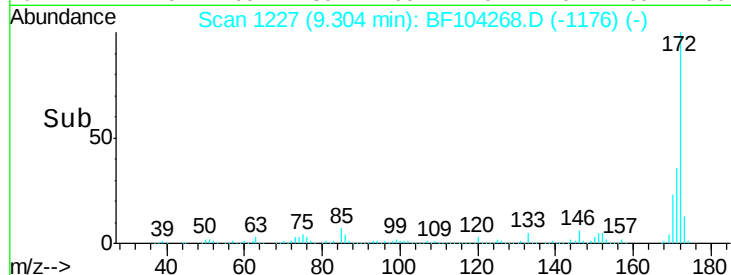
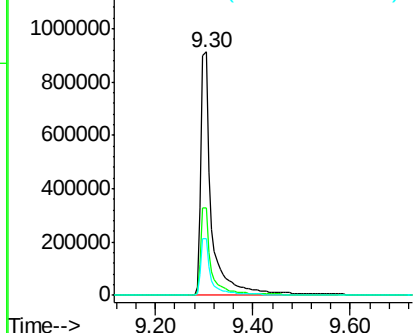
#44
 2-Fluorobiphenyl
 Concen: 108.029 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: BF104268.D
 Acq: 5 Apr 2018 11:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1407102
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.7 44.5
 170 23.4 19.6 29.4

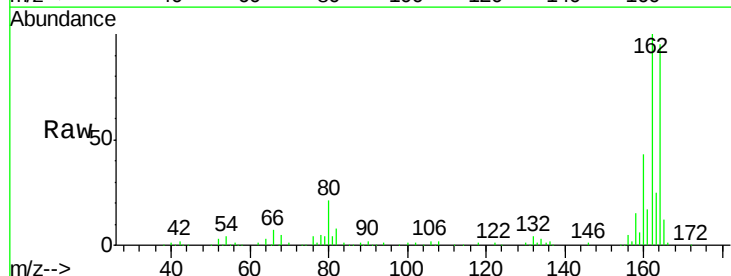


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

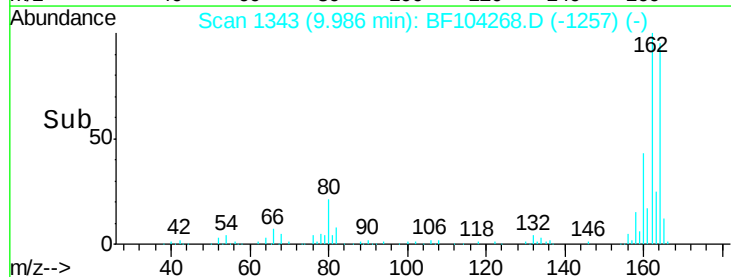
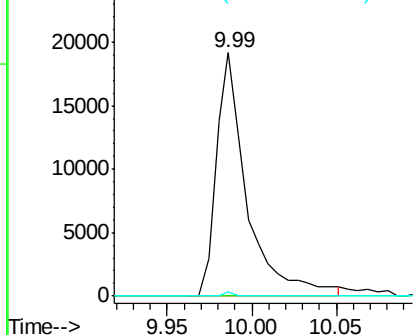


#50
 2,6-Dinitrotoluene
 Concen: 6.951 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. 0.21 min
 Lab File: BF104268.D
 Acq: 5 Apr 2018 11:07

Tgt Ion:165 Resp: 24250
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 1.8 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

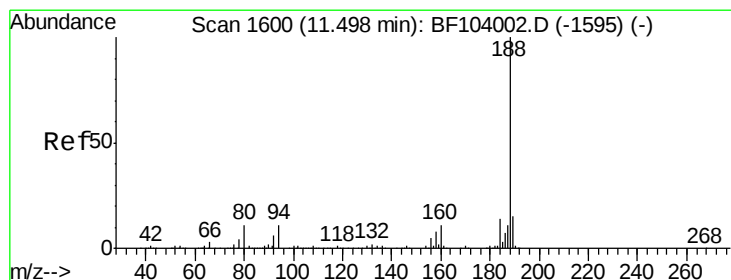
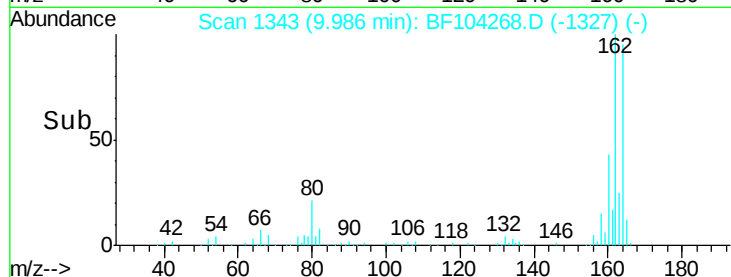
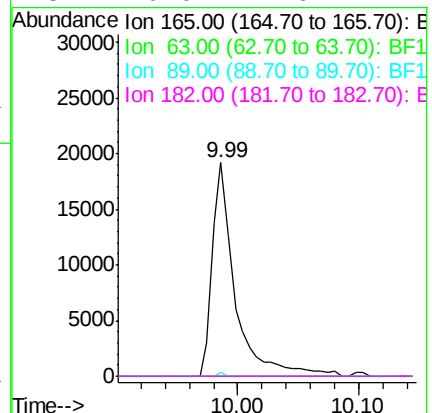
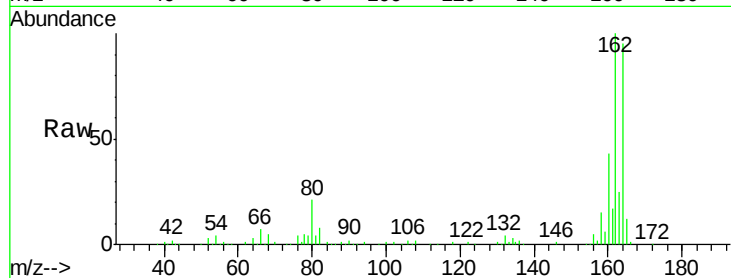




#56
 2,4-Dinitrotoluene
 Concen: 5.627 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.21 min
 Lab File: BF104268.D
 Acq: 5 Apr 2018 11:07

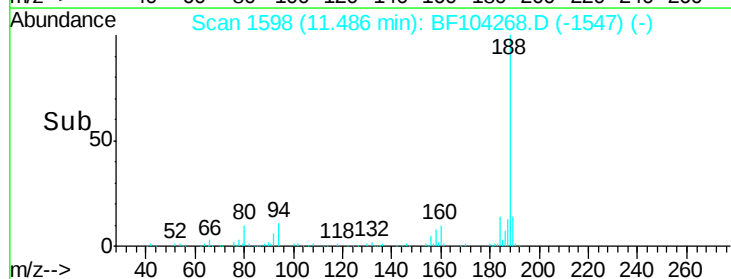
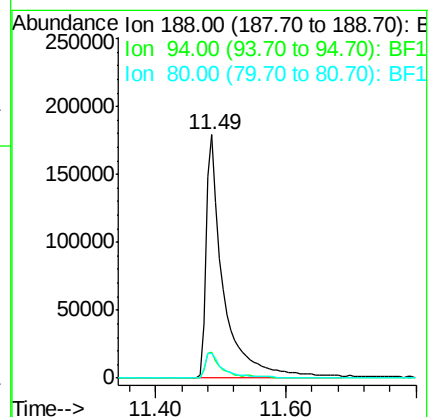
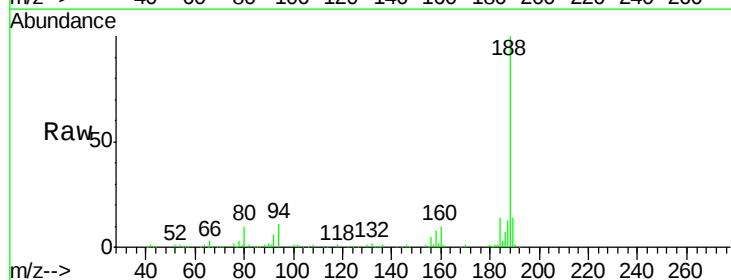
Instrument :
 BNA_F
 ClientSampleId :

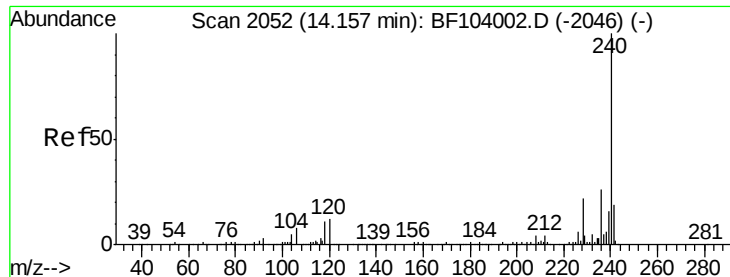
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.8	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.00 min
 Lab File: BF104268.D
 Acq: 5 Apr 2018 11:07

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.5	12.7
80	10.3	9.2	13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2049

Delta R.T. -0.01 min

Lab File: BF104268.D

Acq: 5 Apr 2018 11:07

Instrument :

BNA_F

ClientSampleId :

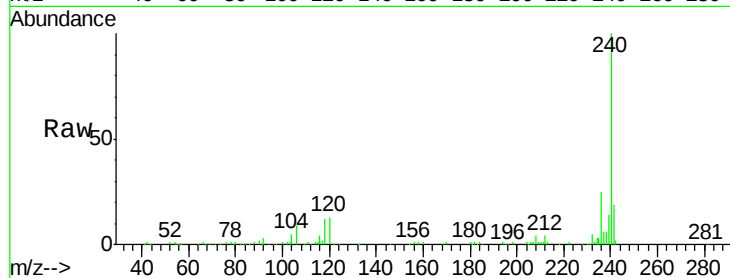
Tot Ion:240 Resp: 226267

Ion Ratio Lower Upper

240 100

120 12.9 9.5 14.3

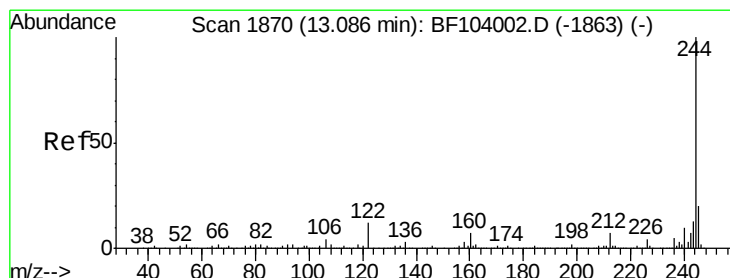
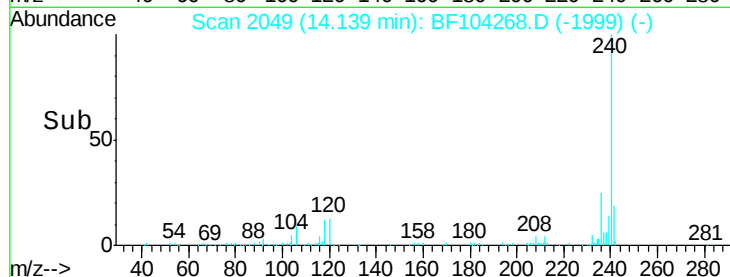
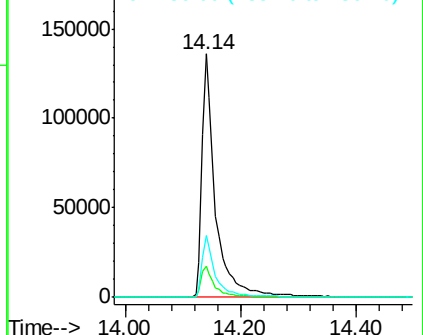
236 25.3 20.7 31.1



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: 102.044 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF104268.D

Acq: 5 Apr 2018 11:07

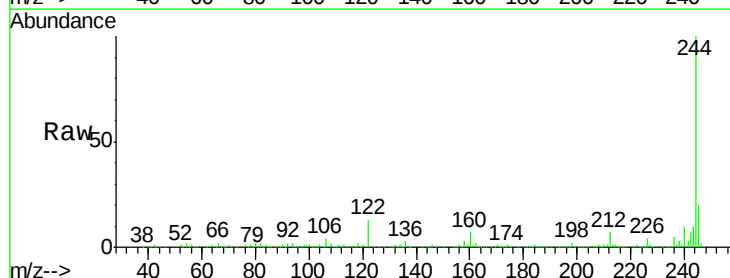
Tgt Ion:244 Resp: 999984

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

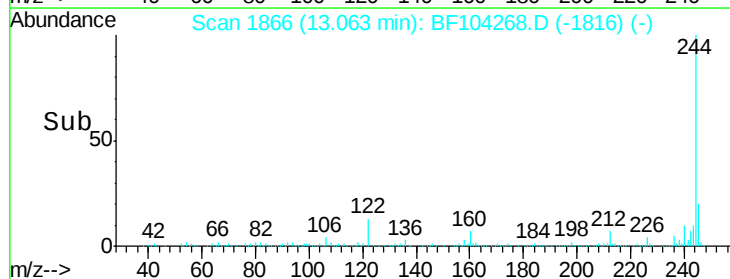
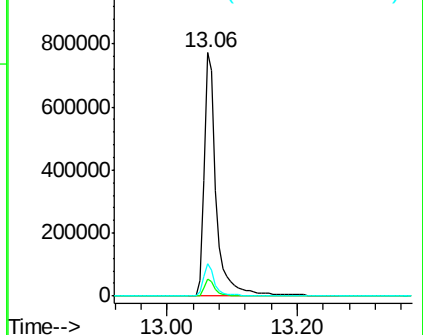
122 13.3 11.0 16.4

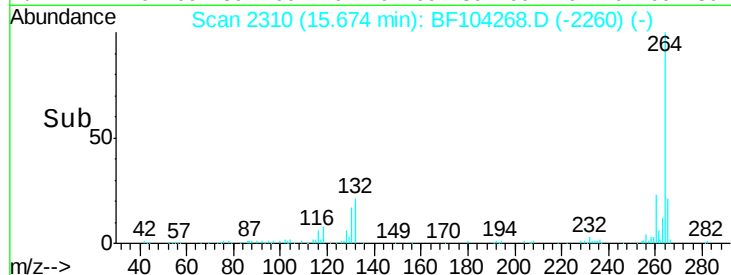
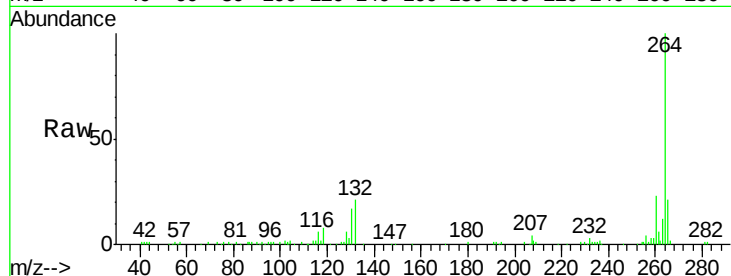
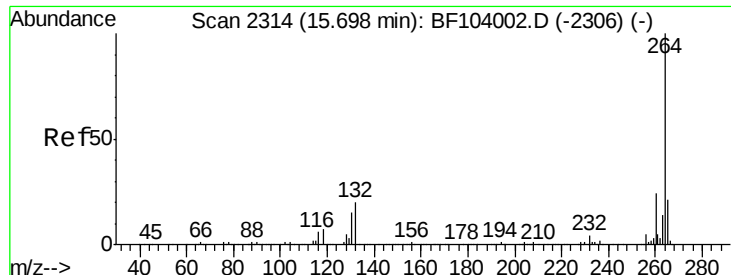


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF104268.D
 Acq: 5 Apr 2018 11:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	197969
Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	20.7	17.5	26.3

