

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040418\
 Data File : BF104236.D
 Acq On : 4 Apr 2018 20:08
 Operator : JU/SJ
 Sample : J2151-05 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 05 01:01:07 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

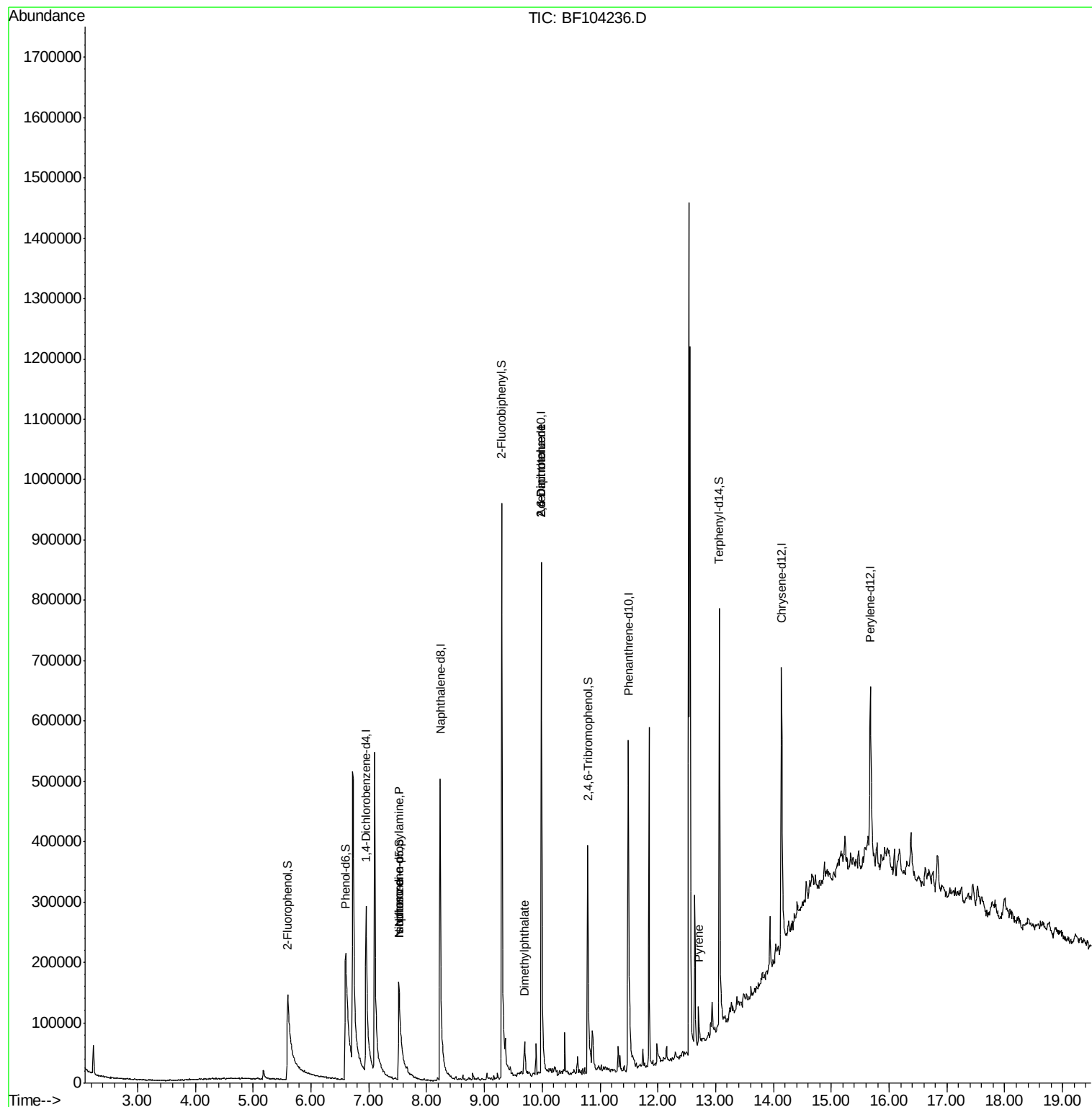
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	105771	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	470446	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	206788	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	327197	20.00	ng	0.00
75) Chrysene-d12	14.14	240	232542	20.00	ng	0.00
86) Perylene-d12	15.67	264	213447	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	227164	34.25	ng	0.00
7) Phenol-d6	6.60	99	372732	45.68	ng	0.00
23) Nitrobenzene-d5	7.52	82	218788	28.44	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	84947	36.89	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	463185	35.32	ng	0.00
78) Terphenyl-d14	13.06	244	322053	31.98	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.52	70	23308	4.813	ng	# 69
25) Isophorone	7.52	82	218788	15.433	ng	# 64
49) Dimethylphthalate	9.70	163	34683	2.124	ng	# 99
50) 2,6-Dinitrotoluene	9.99	165	25743	7.329	ng	# 26
56) 2,4-Dinitrotoluene	9.99	165	26132	5.830	ng	# 23
77) Pyrene	12.70	202	33602	2.010	ng	# 96

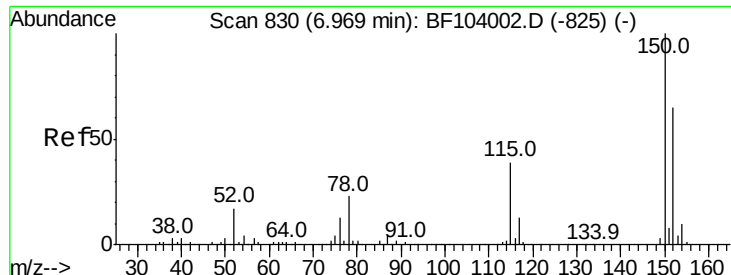
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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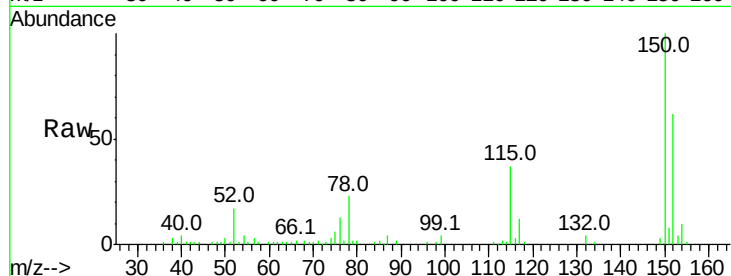


#1

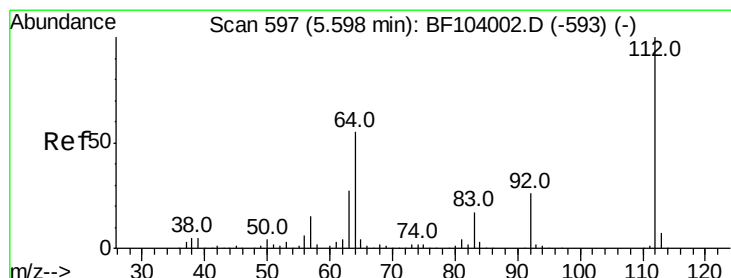
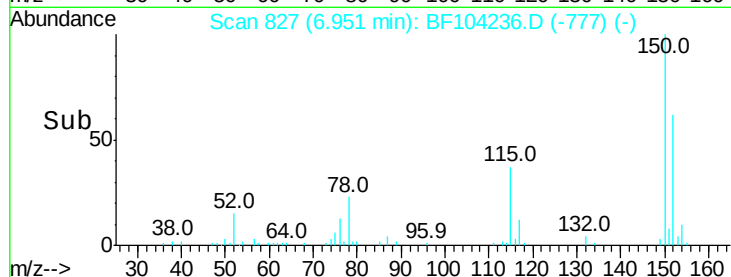
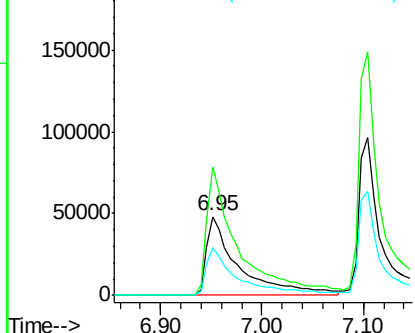
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BF104236.D
 Acq: 4 Apr 2018 20:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 105771
 Ion Ratio Lower Upper
 152 100
 150 162.2 124.6 186.8
 115 60.0 50.1 75.1



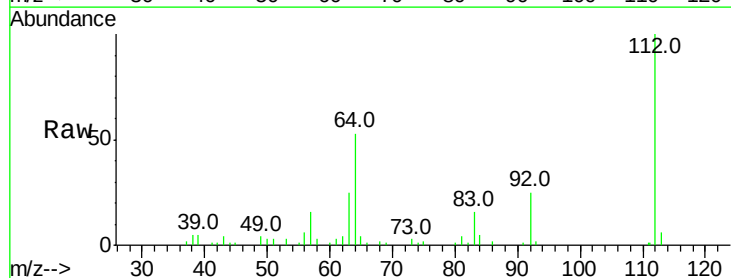
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



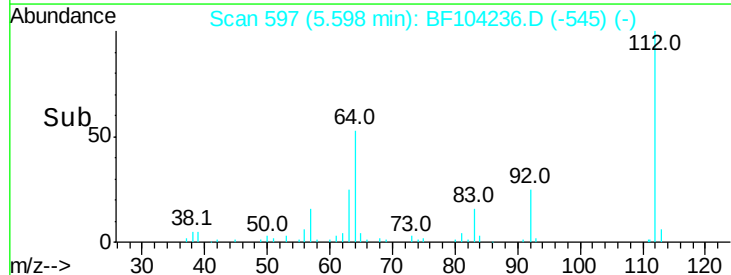
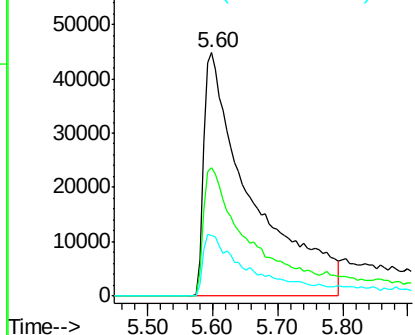
#5

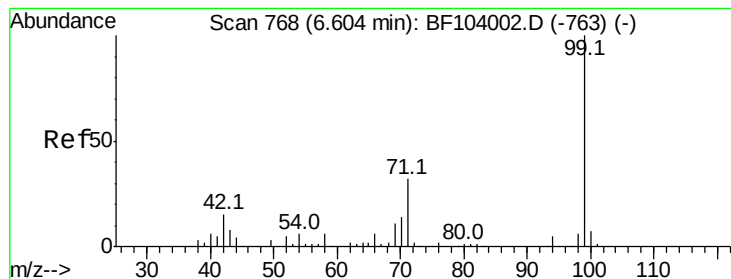
2-Fluorophenol
 Concen: 34.250 ng
 RT: 5.60 min Scan# 597
 Delta R.T. 0.01 min
 Lab File: BF104236.D
 Acq: 4 Apr 2018 20:08

Tgt Ion:112 Resp: 227164
 Ion Ratio Lower Upper
 112 100
 64 52.6 47.9 71.9
 63 25.1 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: 45.678 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF104236.D

Acq: 4 Apr 2018 20:08

Instrument :

BNA_F

ClientSampleId :

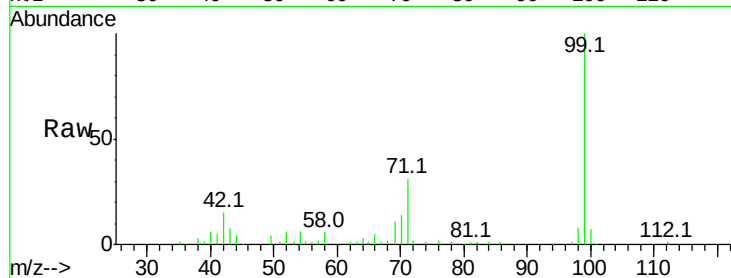
Tot Ion: 99 Resp: 372732

Ion Ratio Lower Upper

99 100

42 15.2 14.5 21.7

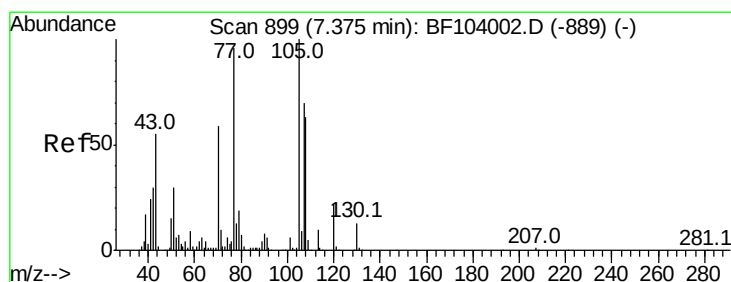
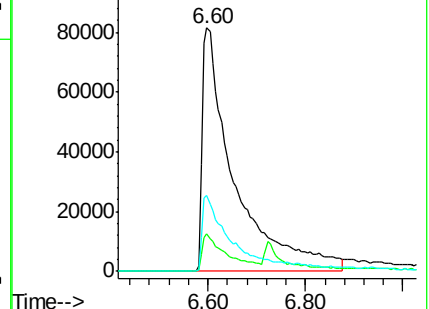
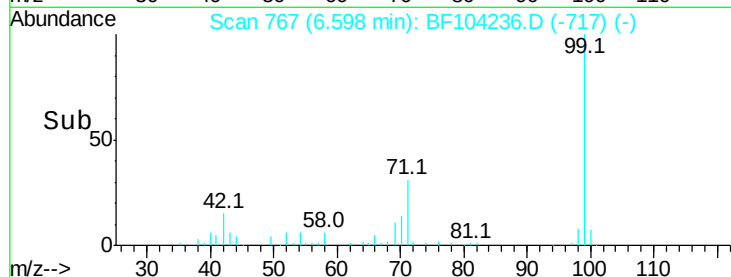
71 31.0 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 4.813 ng

RT: 7.52 min Scan# 924

Delta R.T. 0.16 min

Lab File: BF104236.D

Acq: 4 Apr 2018 20:08

Tgt Ion: 70 Resp: 23308

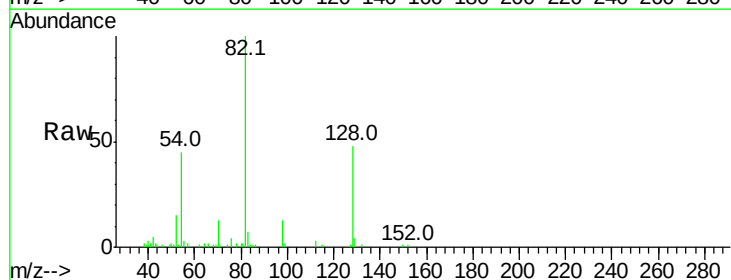
Ion Ratio Lower Upper

70 100

42 39.0 47.5 71.3#

101 0.0 7.4 11.2#

130 0.0 16.6 25.0#

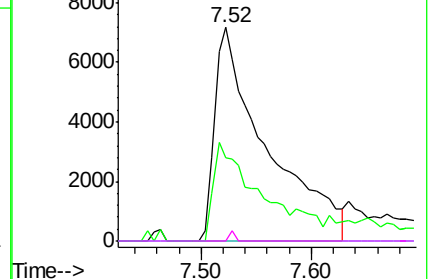
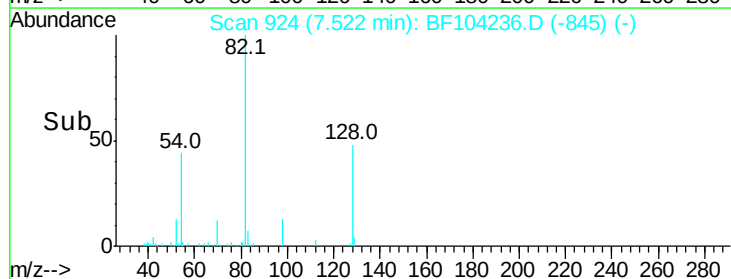


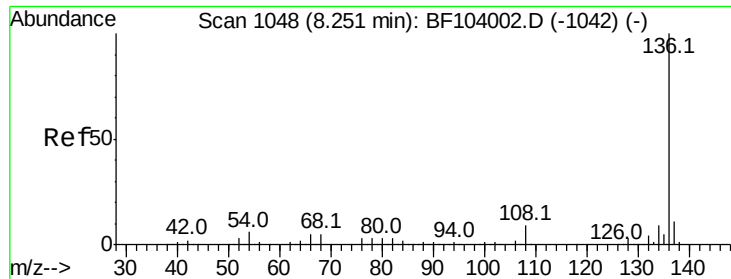
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

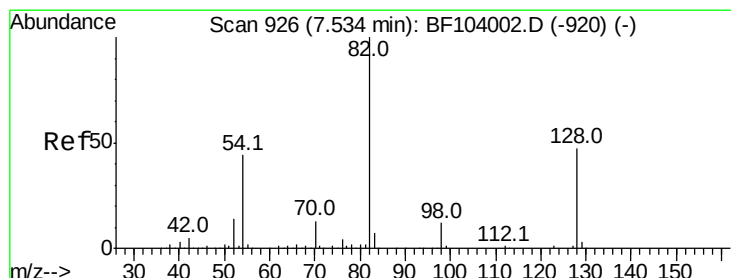
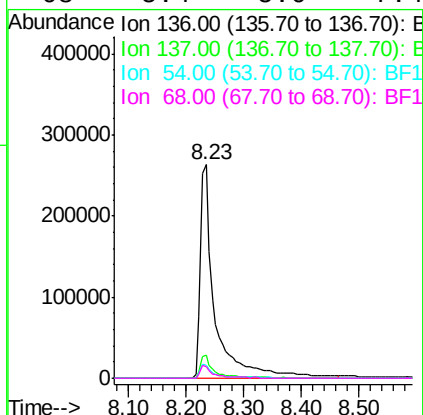
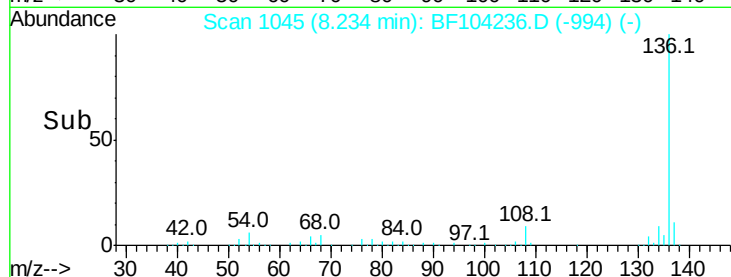
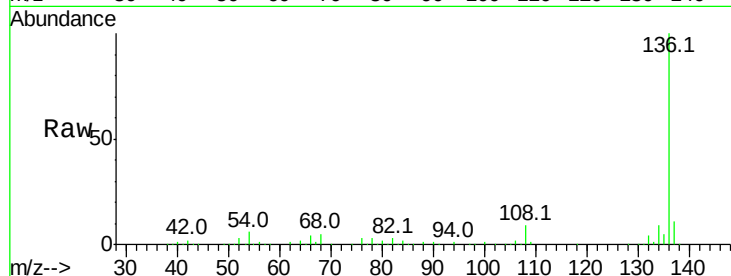




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BF104236.D
Acq: 4 Apr 2018 20:08

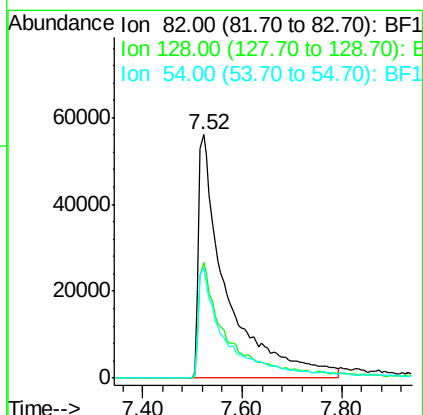
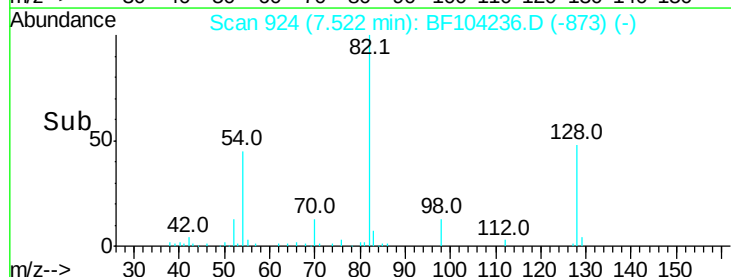
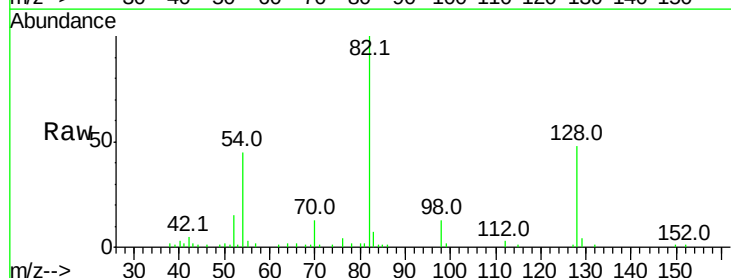
Instrument :
BNA_F
ClientSampleId :

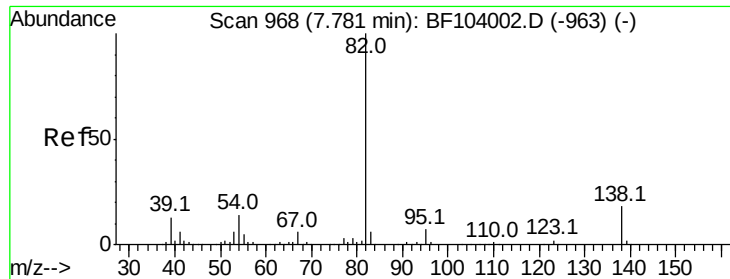
Tot Ion:	136	Resp:	470446
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	5.8	6.6	9.8#
68	5.4	5.0	7.4



#23
Nitrobenzene-d5
Concen: 28.441 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.00 min
Lab File: BF104236.D
Acq: 4 Apr 2018 20:08

Tgt Ion:	82	Resp:	218788
Ion	Ratio	Lower	Upper
82	100		
128	47.6	36.1	54.1
54	45.2	41.4	62.2

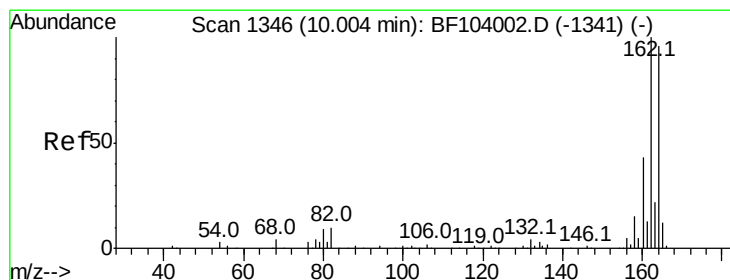
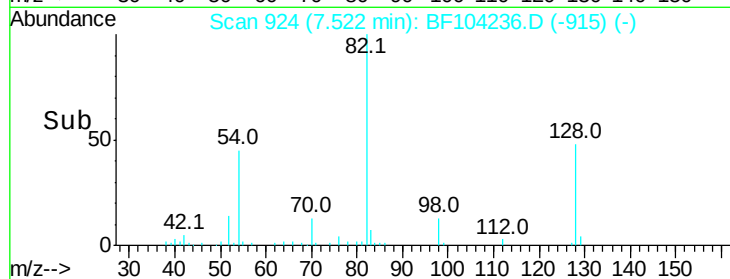
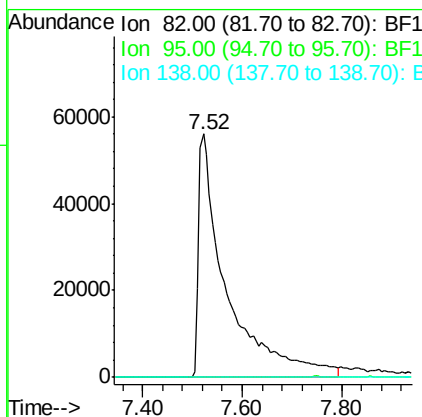
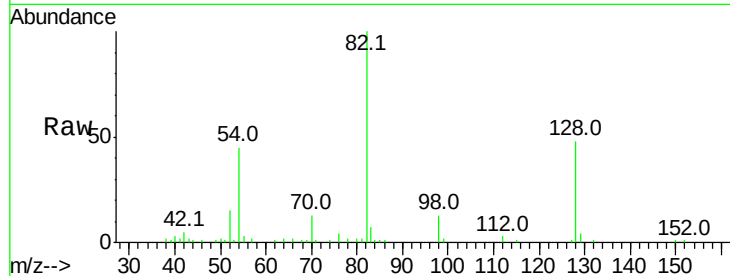




#25
Isophorone
Concen: 15.433 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.25 min
Lab File: BF104236.D
Acq: 4 Apr 2018 20:08

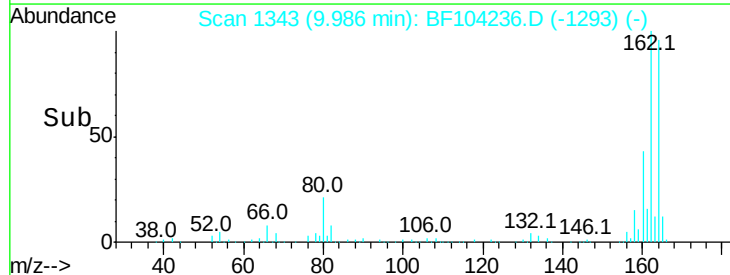
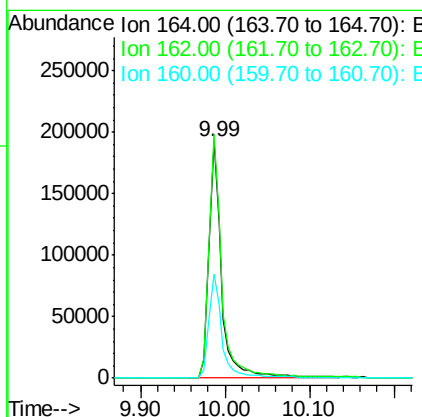
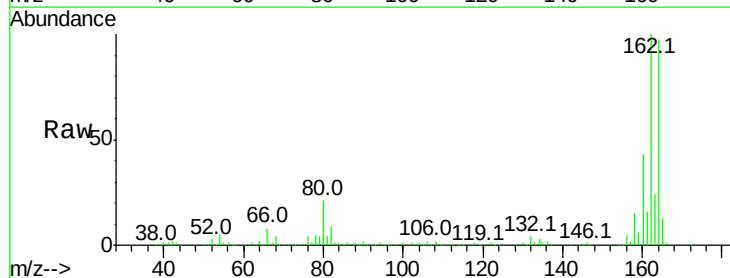
Instrument :
BNA_F
ClientSampleId :

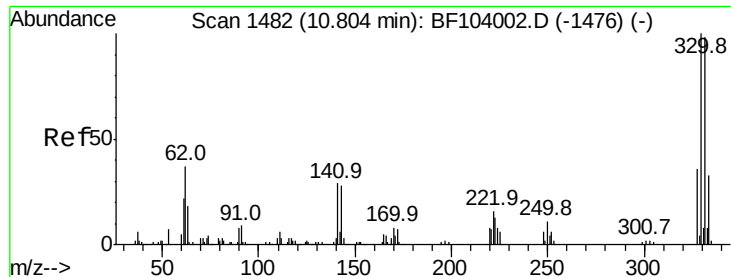
Tot Ion: 82 Resp: 218788
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF104236.D
Acq: 4 Apr 2018 20:08

Tgt Ion:164 Resp: 206788
Ion Ratio Lower Upper
164 100
162 102.7 86.1 129.1
160 44.0 38.3 57.5

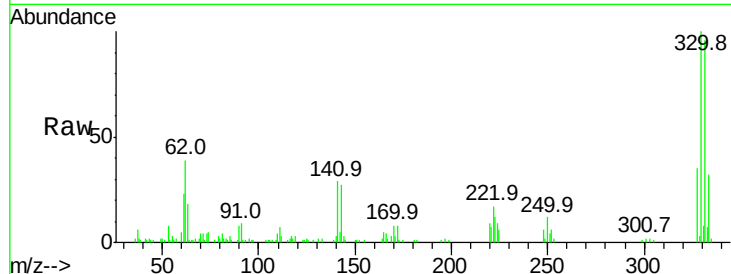




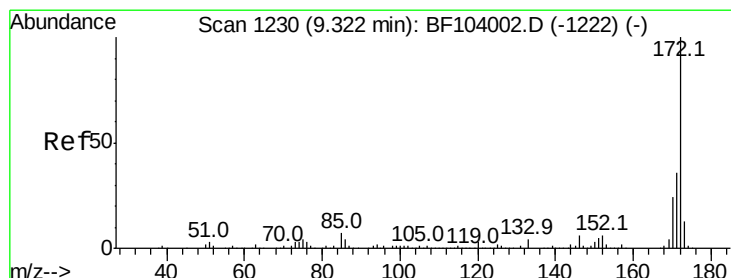
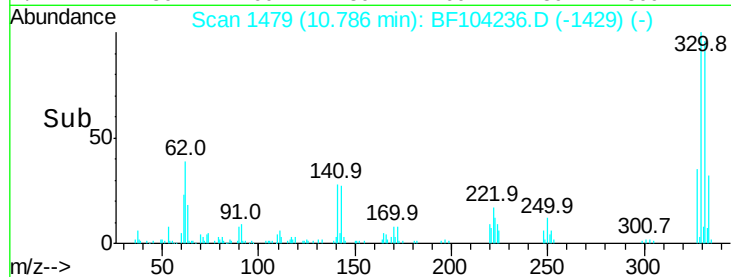
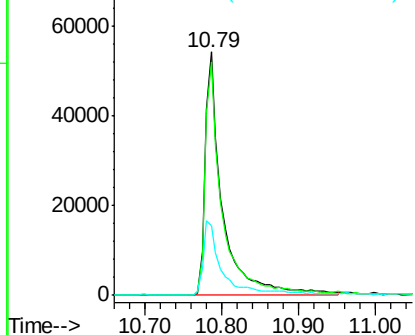
#41
 2,4,6-Tribromophenol
 Concen: 36.892 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BF104236.D
 Acq: 4 Apr 2018 20:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 84947
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.0 115.6
 141 32.7 29.9 44.9

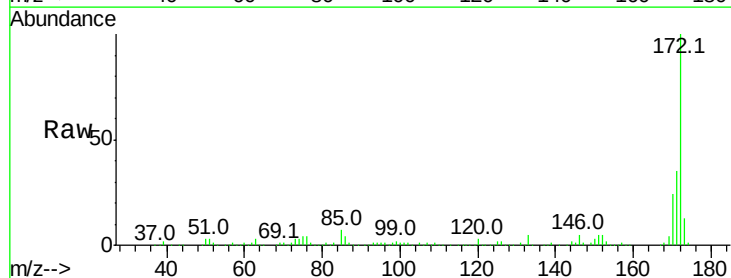


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

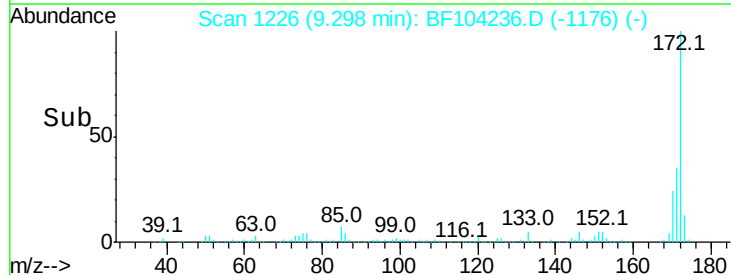
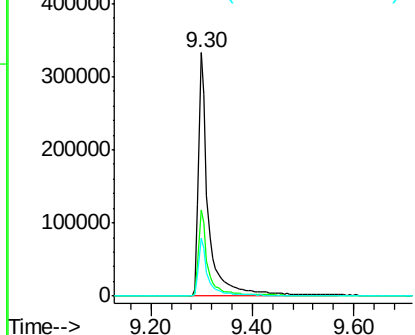


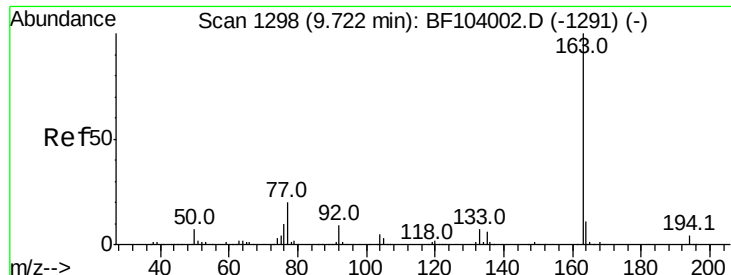
#44
 2-Fluorobiphenyl
 Concen: 35.321 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF104236.D
 Acq: 4 Apr 2018 20:08

Tgt Ion:172 Resp: 463185
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.7 44.5
 170 23.7 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

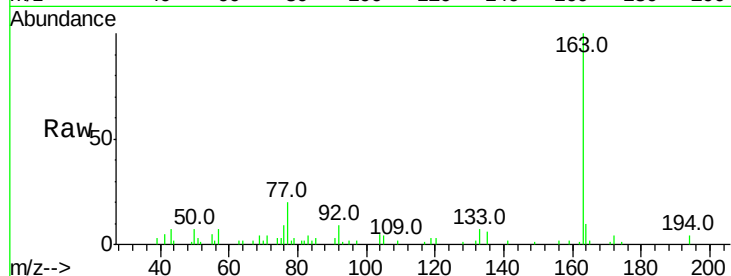




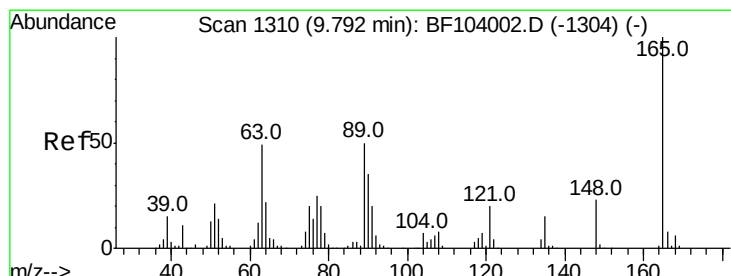
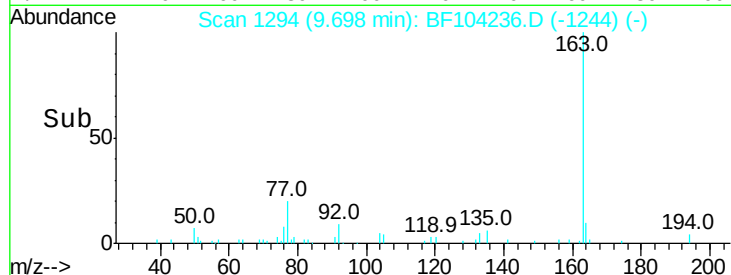
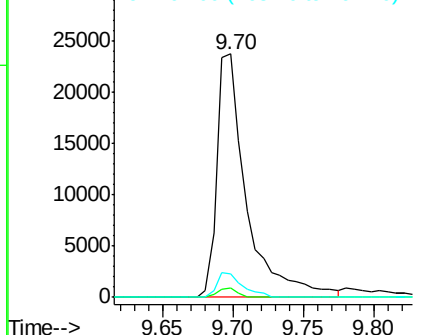
#49
Dimethylphthalate
Concen: 2.124 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF104236.D
Acq: 4 Apr 2018 20:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 34683
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 9.9 8.2 12.2

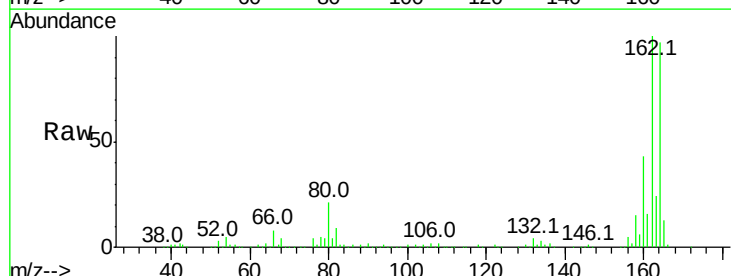


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

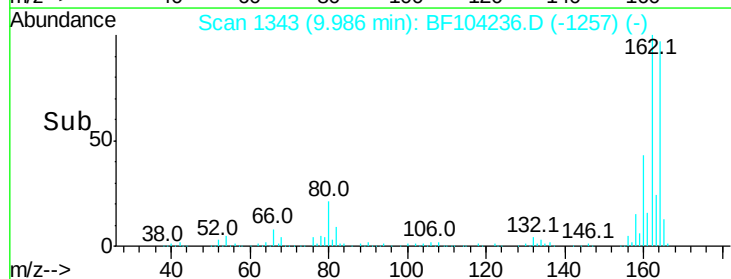
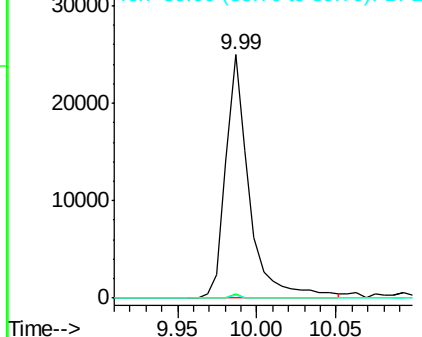


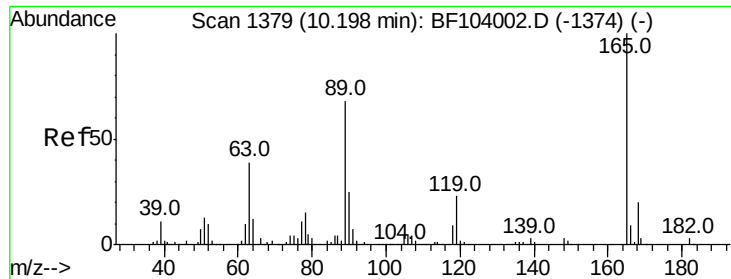
#50
2,6-Dinitrotoluene
Concen: 7.329 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.21 min
Lab File: BF104236.D
Acq: 4 Apr 2018 20:08

Tgt Ion:165 Resp: 25743
Ion Ratio Lower Upper
165 100
63 1.5 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

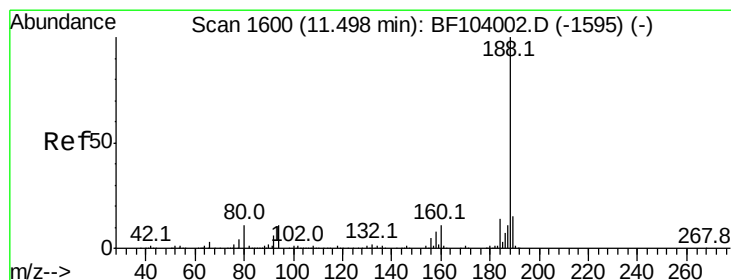
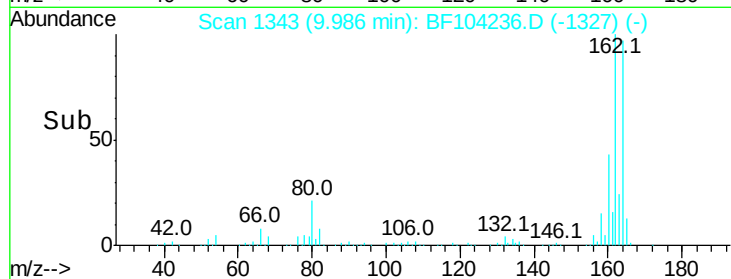
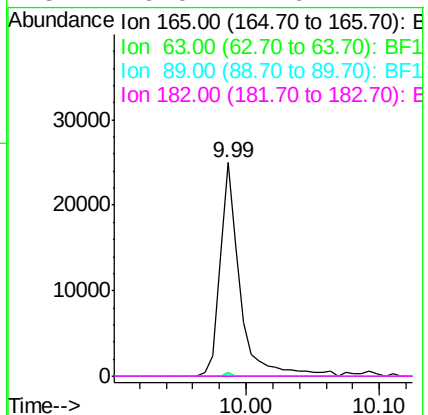
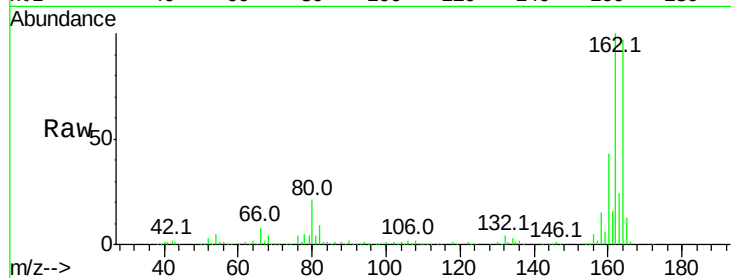




#56
 2,4-Dinitrotoluene
 Concen: 5.830 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.21 min
 Lab File: BF104236.D
 Acq: 4 Apr 2018 20:08

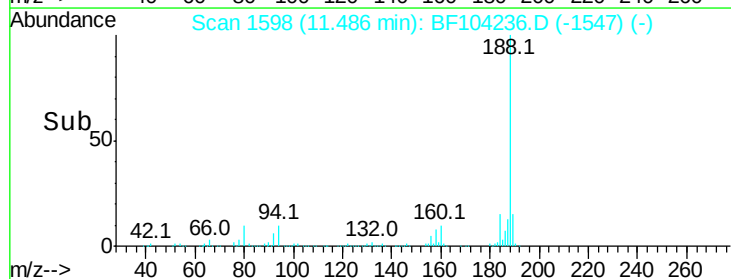
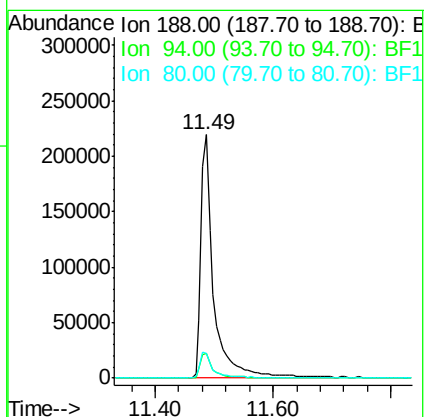
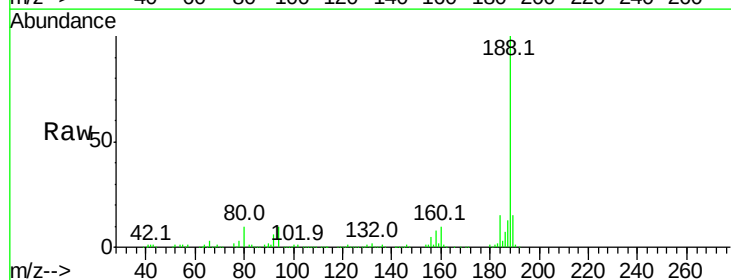
Instrument :
 BNA_F
 ClientSampleId :

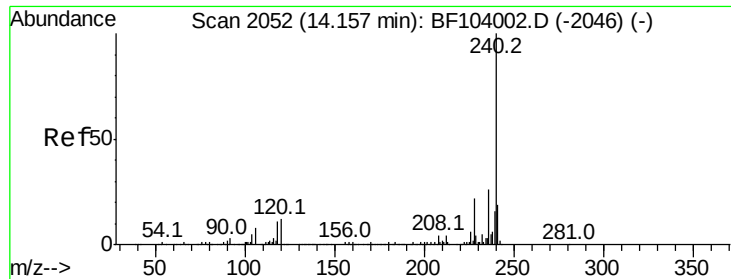
Tot Ion:	165	Resp:	26132
Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. 0.00 min
 Lab File: BF104236.D
 Acq: 4 Apr 2018 20:08

Tgt Ion:	188	Resp:	327197
Ion	Ratio	Lower	Upper
188	100		
94	10.0	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: BF104236.D

Acq: 4 Apr 2018 20:08

Instrument :

BNA_F

ClientSampleId :

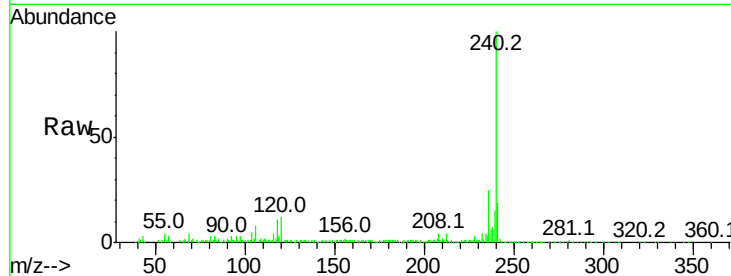
Tot Ion:240 Resp: 232542

Ion Ratio Lower Upper

240 100

120 12.3 9.5 14.3

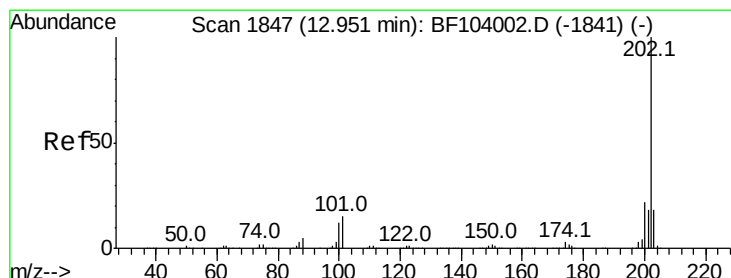
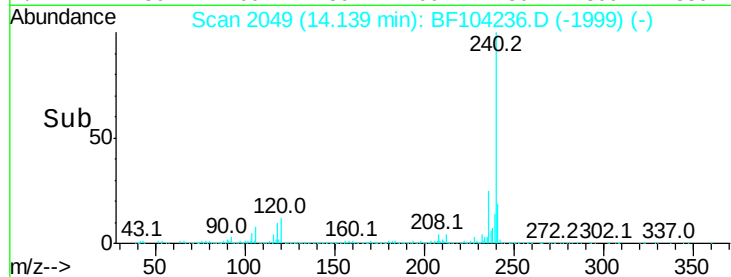
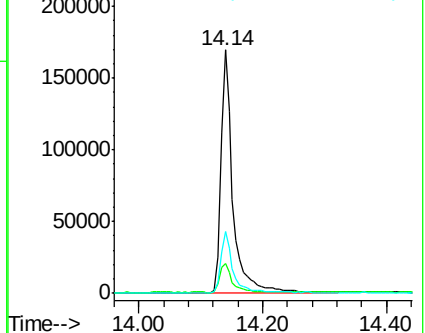
236 25.5 20.7 31.1



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



#77

Pyrene

Concen: 2.010 ng

RT: 12.70 min Scan# 1805

Delta R.T. -0.24 min

Lab File: BF104236.D

Acq: 4 Apr 2018 20:08

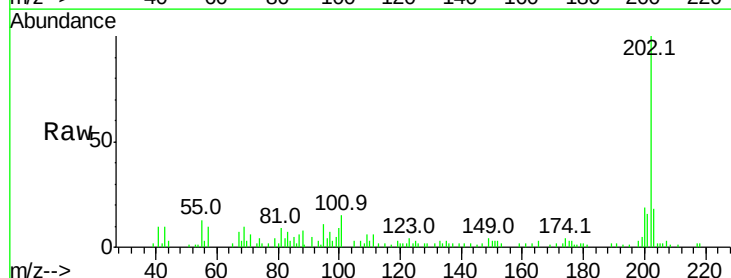
Tgt Ion:202 Resp: 33602

Ion Ratio Lower Upper

202 100

200 18.7 17.4 26.2

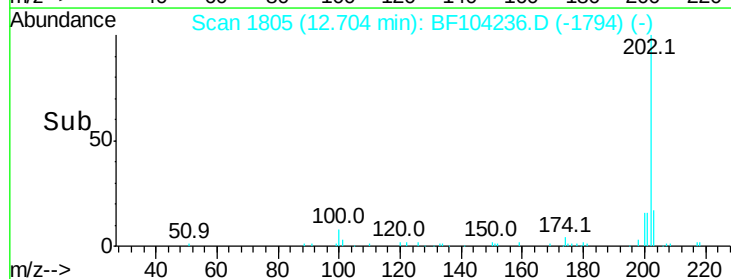
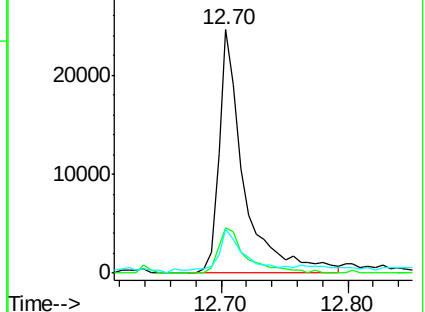
203 18.2 14.3 21.5

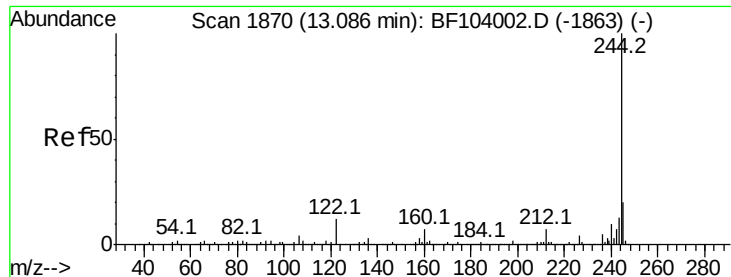


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 31.977 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF104236.D

Acq: 4 Apr 2018 20:08

Instrument :

BNA_F

ClientSampleId :

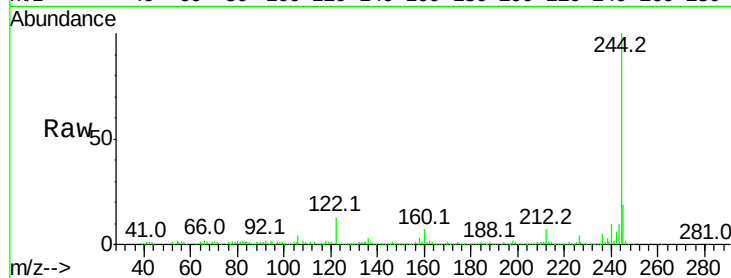
Tot Ion:244 Resp: 322053

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

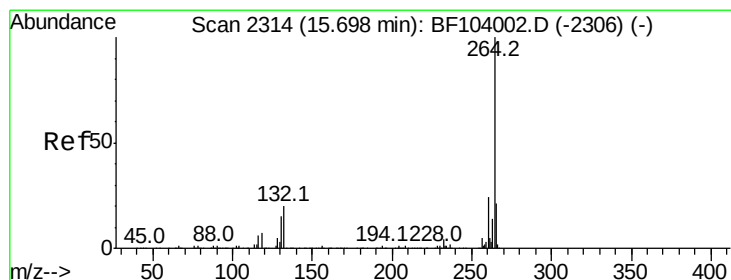
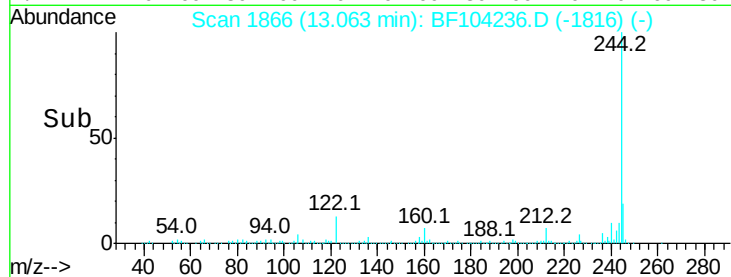
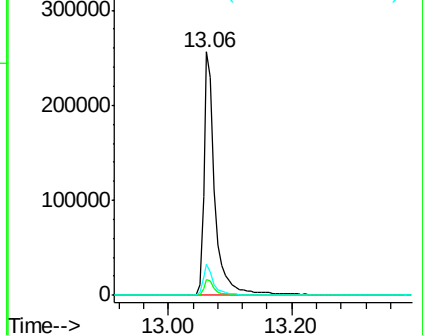
122 12.9 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.67 min Scan# 2310

Delta R.T. -0.01 min

Lab File: BF104236.D

Acq: 4 Apr 2018 20:08

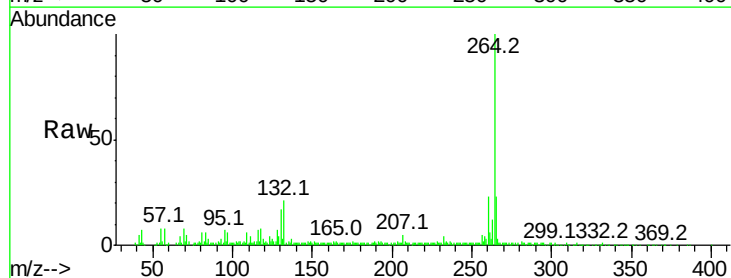
Tgt Ion:264 Resp: 213447

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 22.9 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

