

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031618\
 Data File : BF103696.D
 Acq On : 16 Mar 2018 15:05
 Operator : JU/SJ
 Sample : PB107310BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 16 15:55:11 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 16 13:24:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	163115	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	671033	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	314446	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	581495	20.00	ng	0.00
75) Chrysene-d12	14.14	240	496496	20.00	ng	0.00
86) Perylene-d12	15.67	264	360813	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	1045865	97.52	ng	0.01
7) Phenol-d6	6.58	99	1270530	96.84	ng	0.00
23) Nitrobenzene-d5	7.53	82	1094292	113.72	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	256741	94.96	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1807101	91.67	ng	0.00
78) Terphenyl-d14	13.09	244	1801967	84.24	ng	0.00

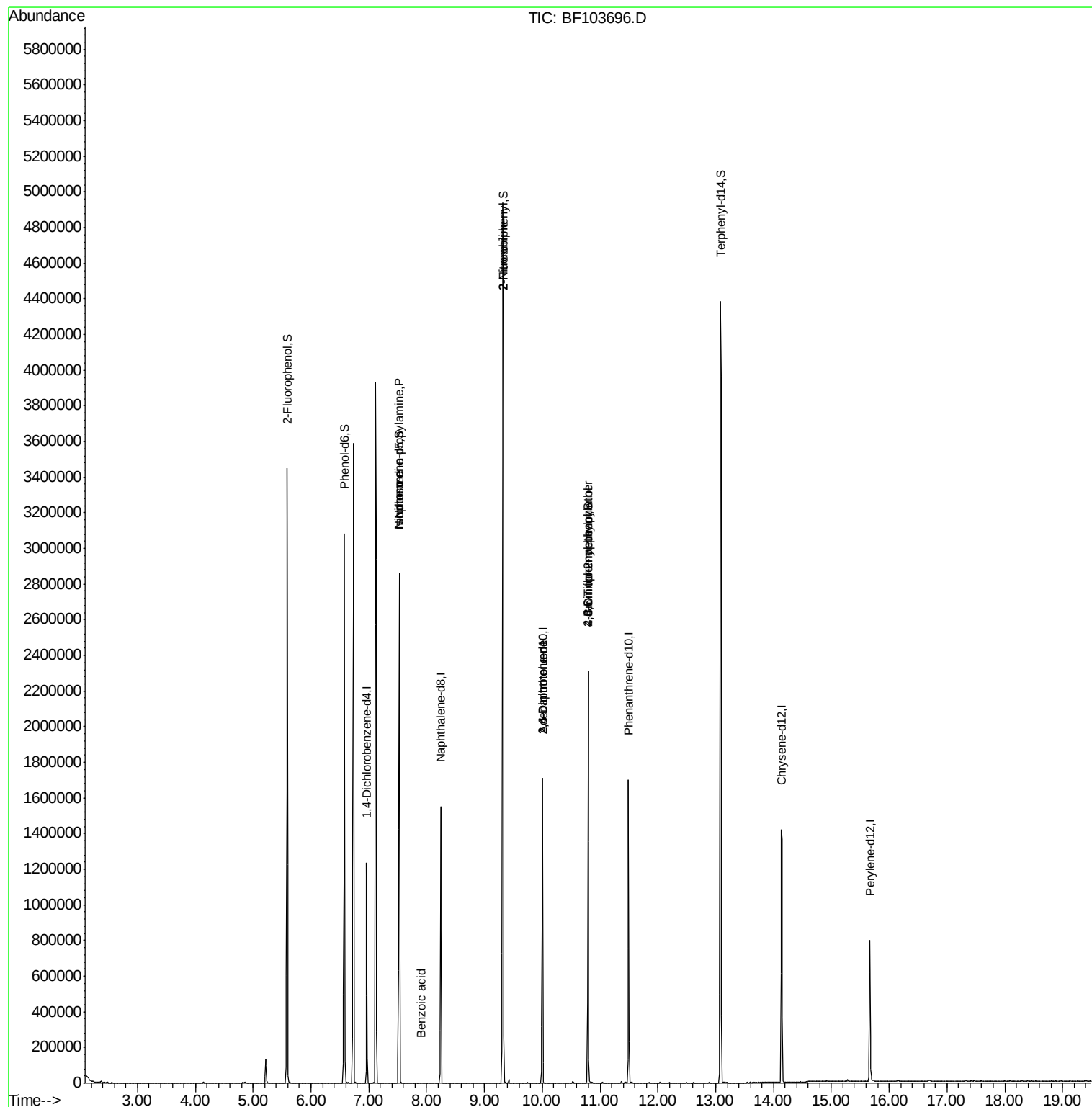
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.53	70	145479	17.302	ng	# 75
25) Isophorone	7.53	82	1094484	49.134	ng	# 64
32) Benzoic acid	7.90	122	390	9.951	ng	# 71
47) 2-Nitroaniline	9.32	65	2838	7.261	ng	# 1
50) 2,6-Dinitrotoluene	10.00	165	40224	11.932	ng	# 25
56) 2,4-Dinitrotoluene	10.00	165	40224	12.169	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.79	198	637	8.445	ng	# 1
66) 4-Bromophenyl-phenylether	10.79	248	16045	2.687	ng	# 1

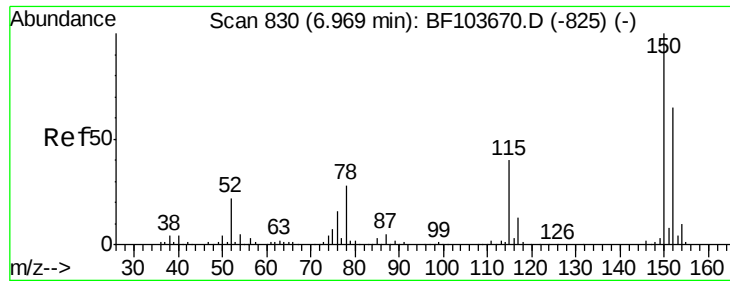
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031618\
Data File : BF103696.D
Acq On : 16 Mar 2018 15:05
Operator : JU/SJ
Sample : PB107310BL
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 16 15:55:11 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 16 13:24:19 2018
Response via : Initial Calibration



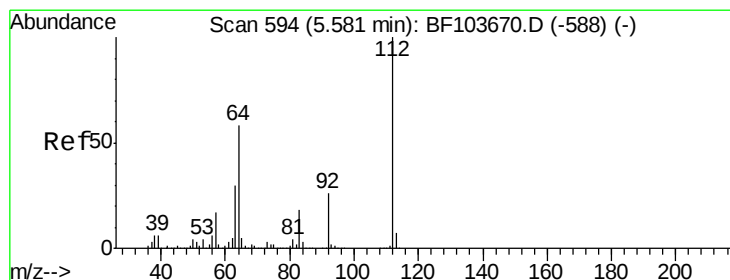
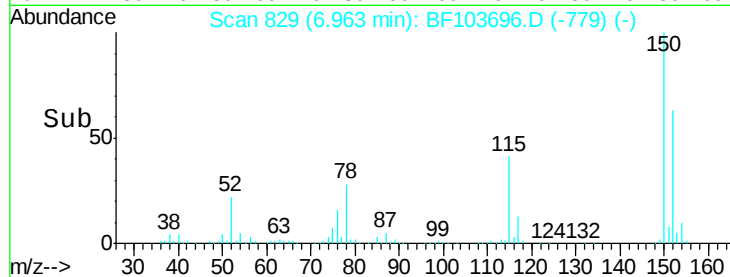
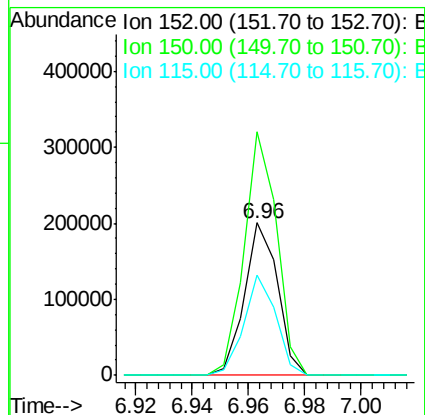
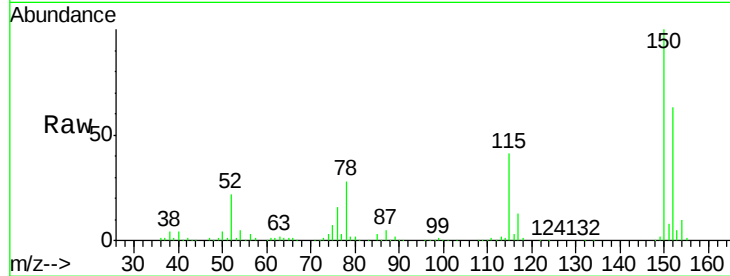


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF103696.D
Acq: 16 Mar 2018 15:05

Instrument :
BNA_F
ClientSampleId :

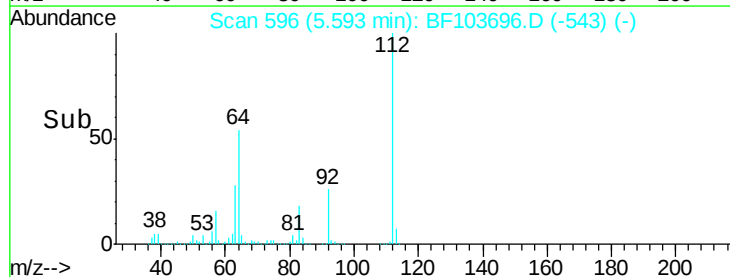
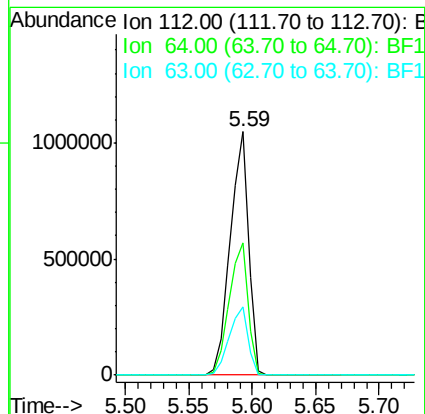
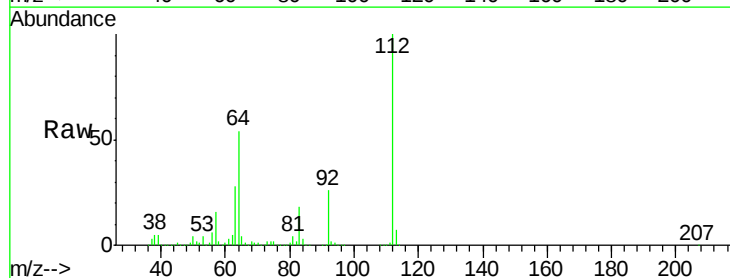
Tot Ion:152 Resp: 163115
Ion Ratio Lower Upper
152 100
150 159.8 124.6 186.8
115 65.6 50.1 75.1

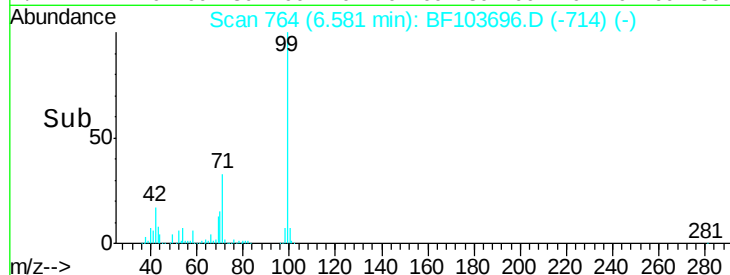
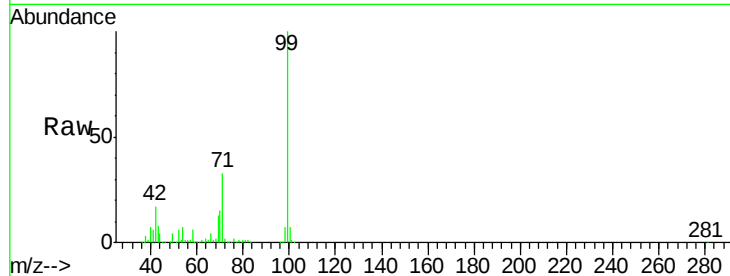


#5

2-Fluorophenol
Concen: 97.523 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.01 min
Lab File: BF103696.D
Acq: 16 Mar 2018 15:05

Tgt Ion:112 Resp: 1045865
Ion Ratio Lower Upper
112 100
64 54.5 47.9 71.9
63 28.1 23.7 35.5





#7

Phenol-d6

Concen: 96.837 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF103696.D

Acq: 16 Mar 2018 15:05

Instrument :

BNA_F

ClientSampleId :

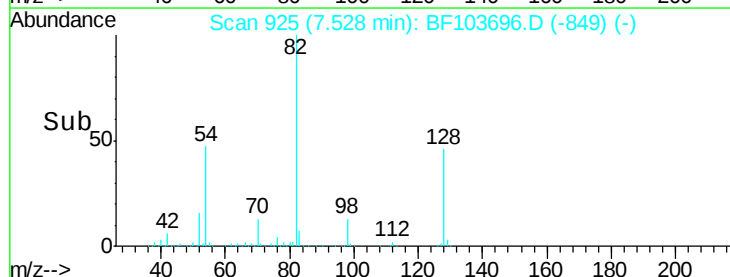
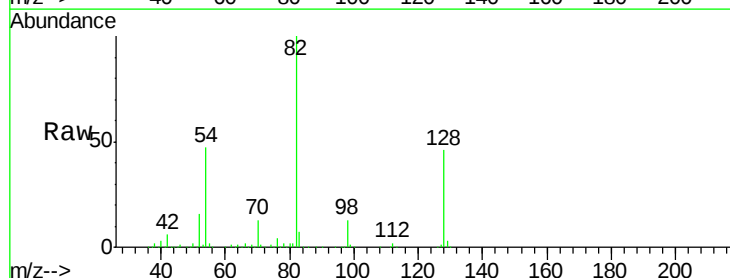
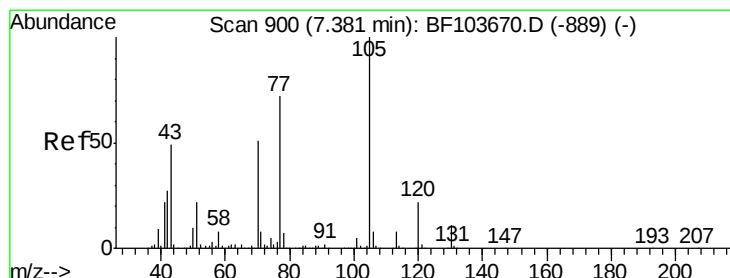
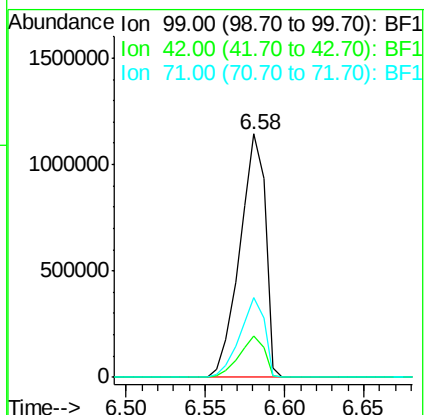
Tot Ion: 99 Resp: 1270530

Ion Ratio Lower Upper

99 100

42 16.8 14.5 21.7

71 32.8 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 17.302 ng

RT: 7.53 min Scan# 925

Delta R.T. 0.15 min

Lab File: BF103696.D

Acq: 16 Mar 2018 15:05

Tgt Ion: 70 Resp: 145479

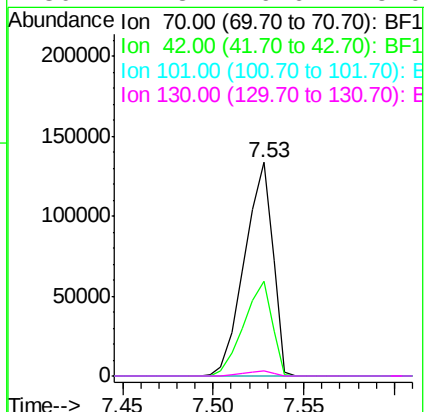
Ion Ratio Lower Upper

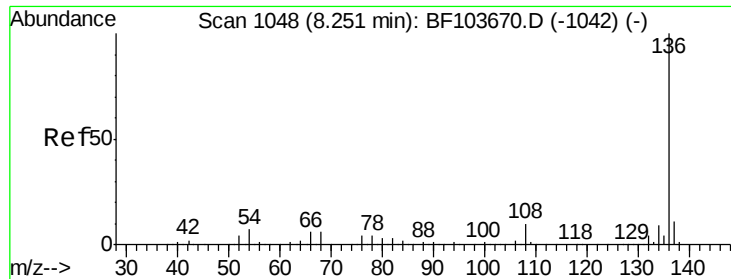
70 100

42 44.3 47.5 71.3#

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

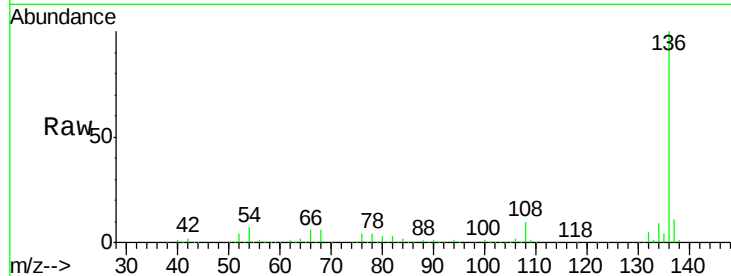




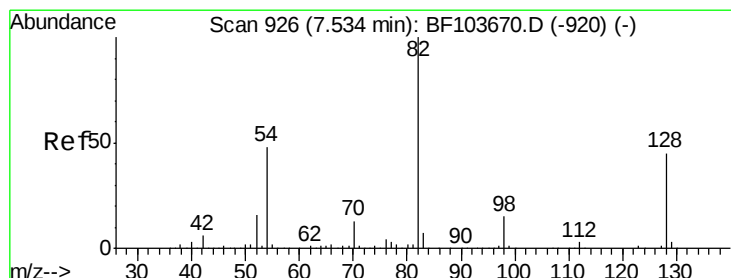
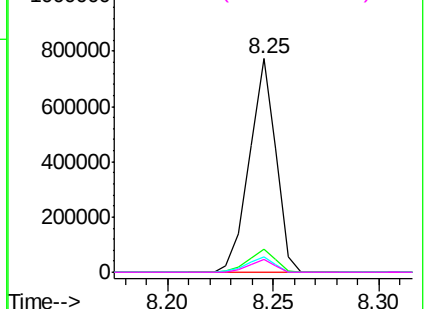
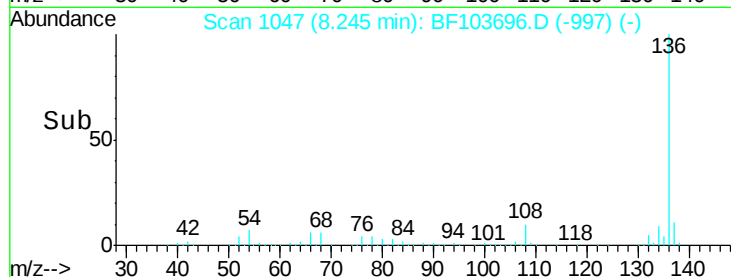
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF103696.D
Acq: 16 Mar 2018 15:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	671033
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.9 13.3
54	7.4	6.6 9.8
68	6.0	5.0 7.4

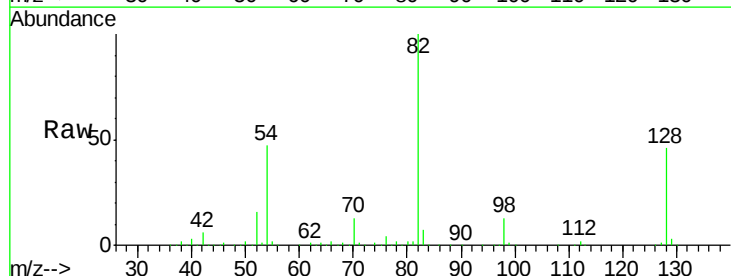


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

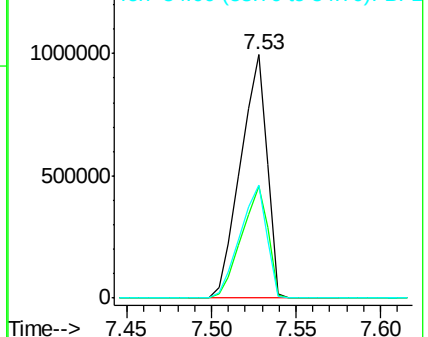
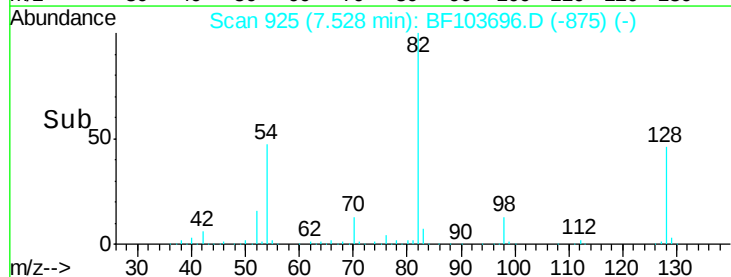


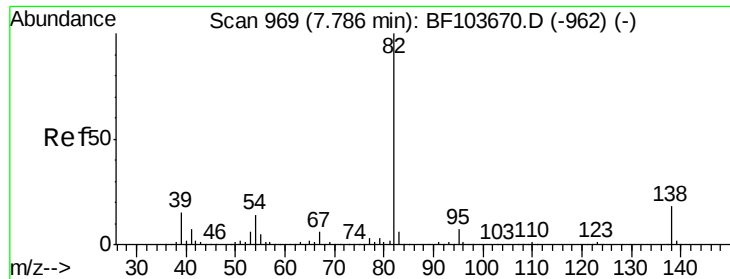
#23
Nitrobenzene-d5
Concen: 113.722 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF103696.D
Acq: 16 Mar 2018 15:05

Tgt Ion: 82	Resp:	1094292
Ion Ratio	Lower	Upper
82	100	
128	46.1	36.1 54.1
54	46.5	41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 49.134 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.26 min

Lab File: BF103696.D

Acq: 16 Mar 2018 15:05

Instrument :

BNA_F

ClientSampleId :

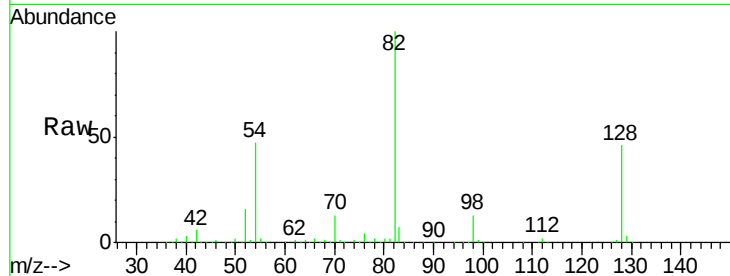
Tot Ion: 82 Resp: 1094484

Ion Ratio Lower Upper

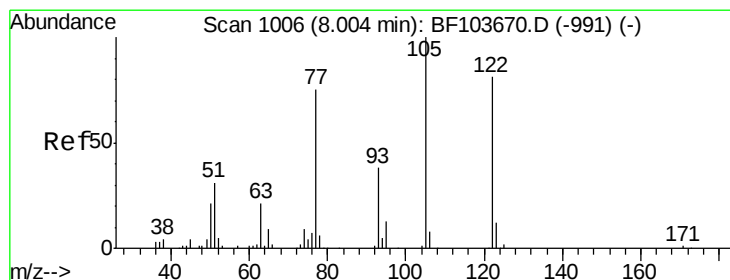
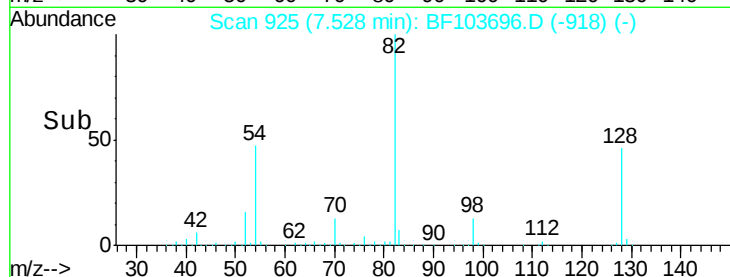
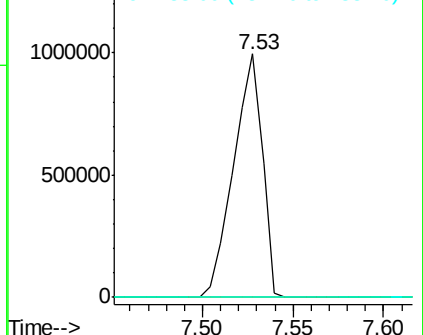
82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#32

Benzoic acid

Concen: 9.951 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.10 min

Lab File: BF103696.D

Acq: 16 Mar 2018 15:05

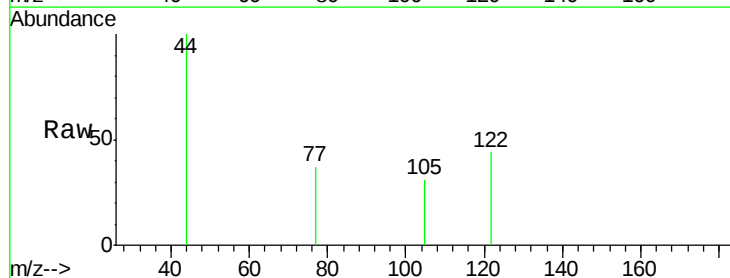
Tgt Ion: 122 Resp: 390

Ion Ratio Lower Upper

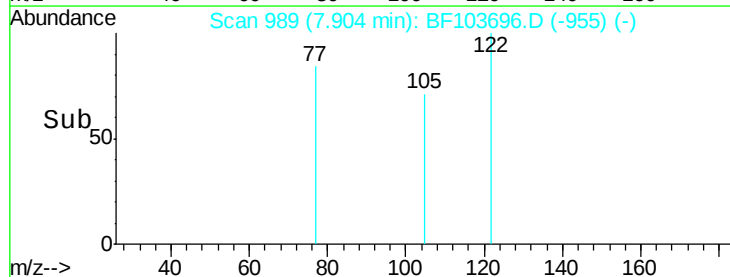
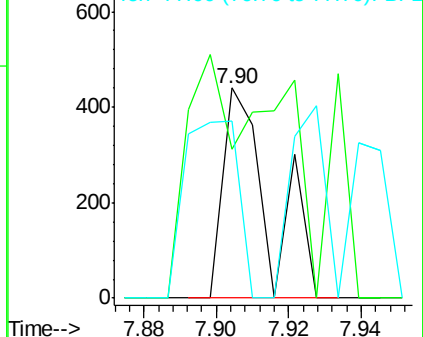
122 100

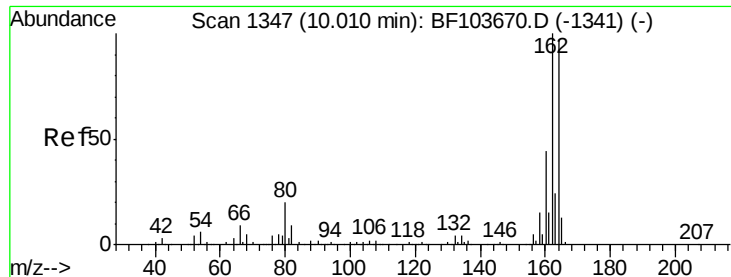
105 70.7 101.1 141.1#

77 84.3 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

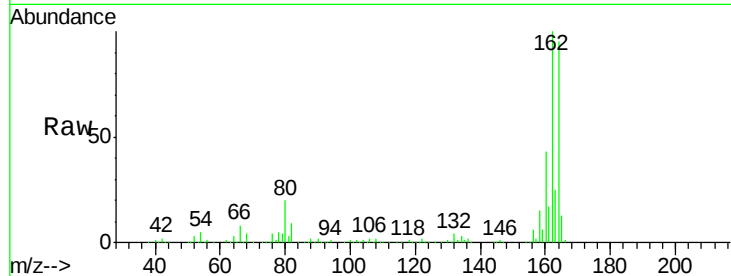




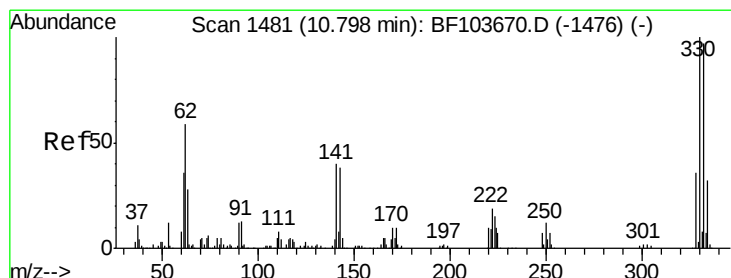
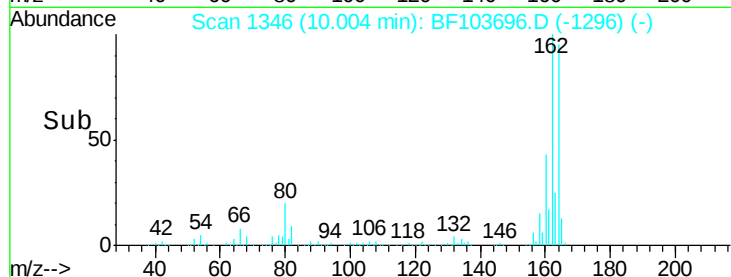
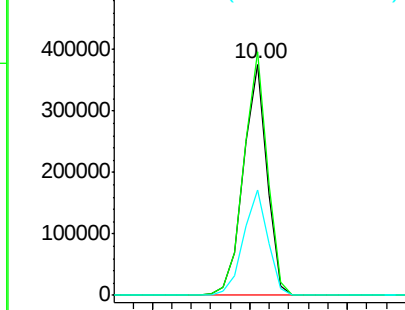
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF103696.D
Acq: 16 Mar 2018 15:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 314446
Ion Ratio Lower Upper
164 100
162 105.4 86.1 129.1
160 45.7 38.3 57.5

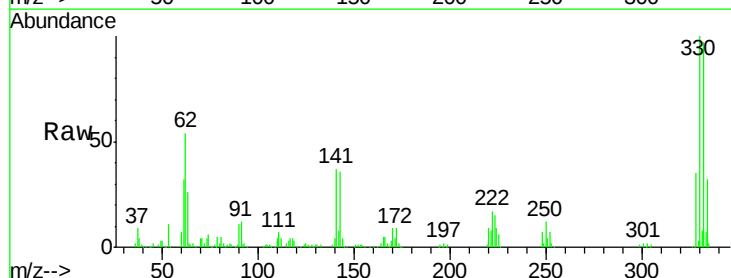


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

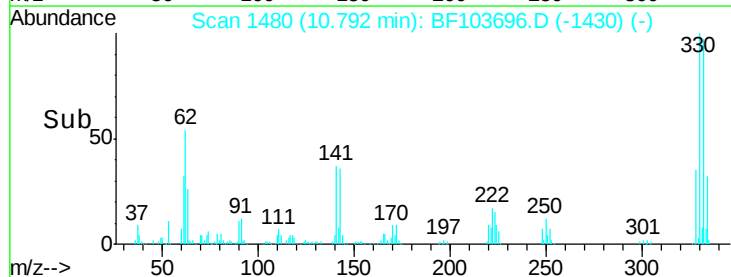
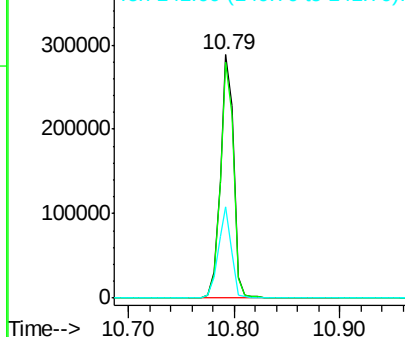


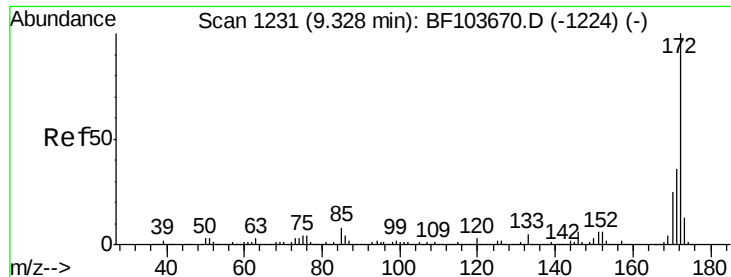
#41
2,4,6-Tribromophenol
Concen: 94.962 ng
RT: 10.79 min Scan# 1480
Delta R.T. -0.01 min
Lab File: BF103696.D
Acq: 16 Mar 2018 15:05

Tgt Ion:330 Resp: 256741
Ion Ratio Lower Upper
330 100
332 96.6 77.0 115.6
141 37.4 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

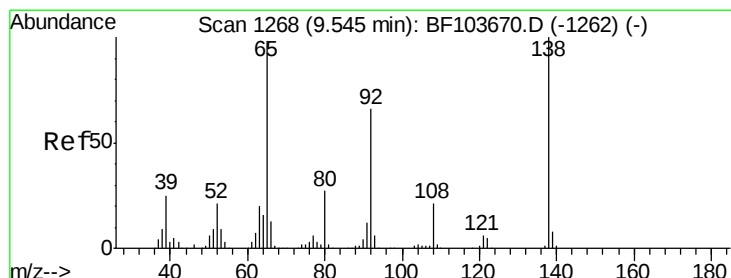
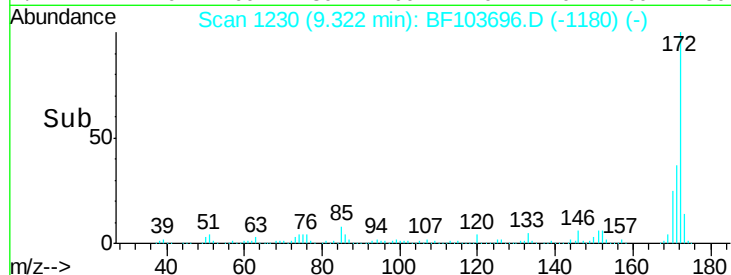
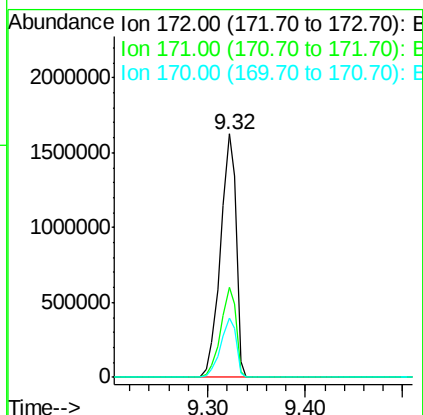
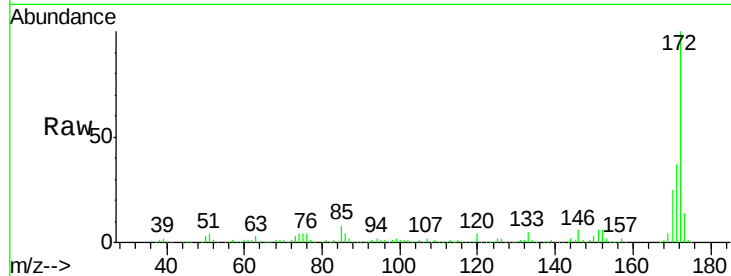




#44
2-Fluorobiphenyl
Concen: 91.672 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.01 min
Lab File: BF103696.D
Acq: 16 Mar 2018 15:05

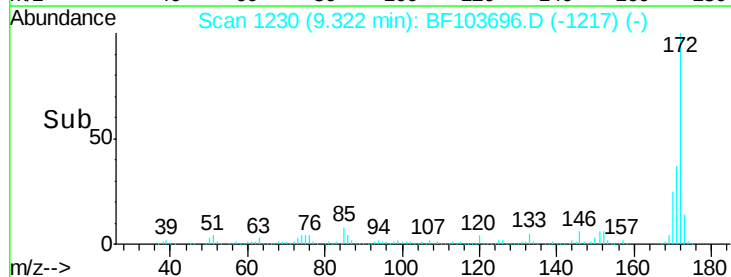
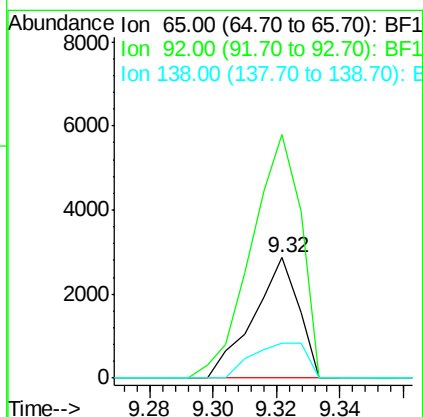
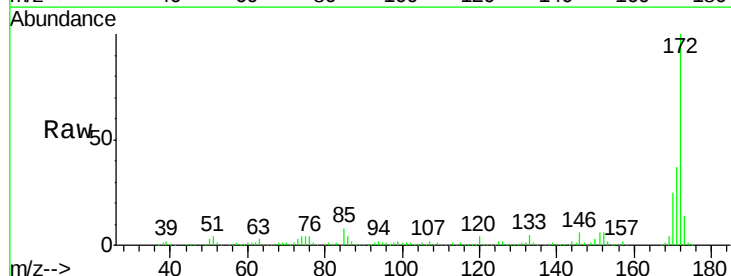
Instrument :
BNA_F
ClientSampleId :

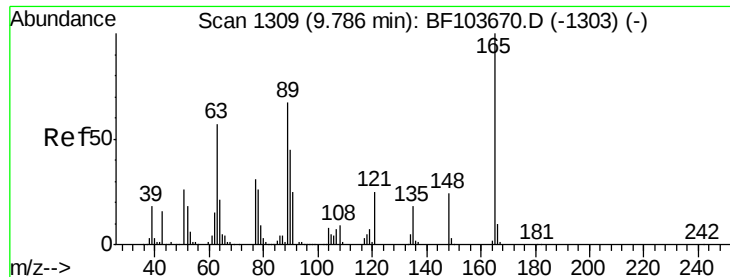
Tot Ion:172 Resp: 1807101
Ion Ratio Lower Upper
172 100
171 36.8 29.7 44.5
170 24.6 19.6 29.4



#47
2-Nitroaniline
Concen: 7.261 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.22 min
Lab File: BF103696.D
Acq: 16 Mar 2018 15:05

Tgt Ion: 65 Resp: 2838
Ion Ratio Lower Upper
65 100
92 202.7 55.8 83.6#
138 29.6 91.2 136.8#

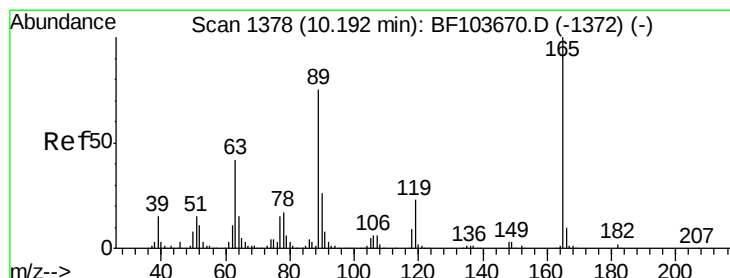
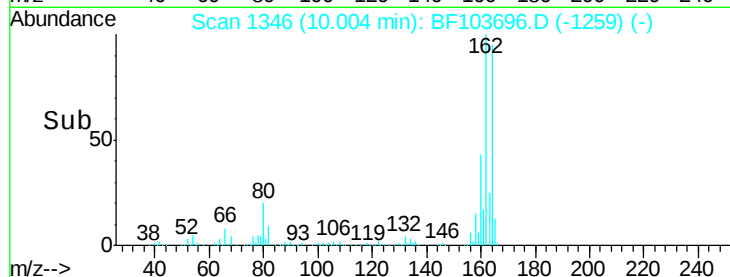
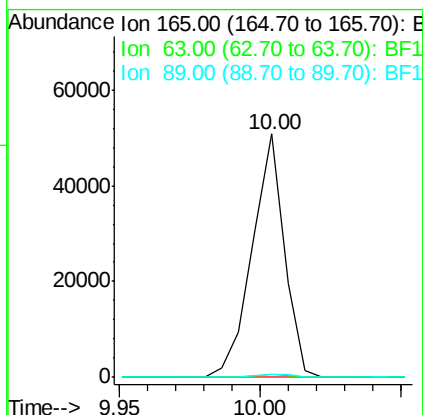
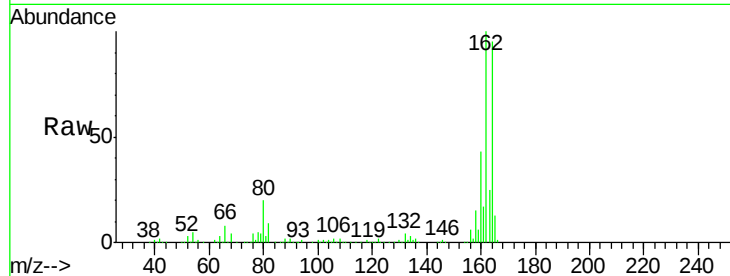




#50
2,6-Dinitrotoluene
Concen: 11.932 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.21 min
Lab File: BF103696.D
Acq: 16 Mar 2018 15:05

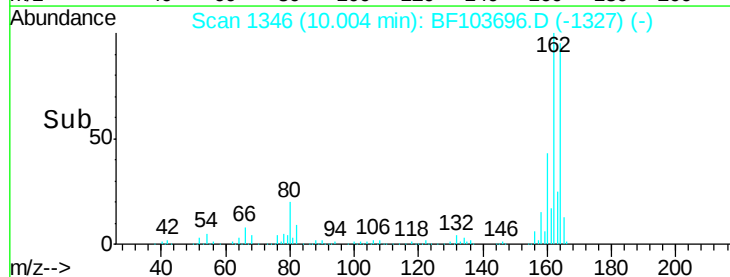
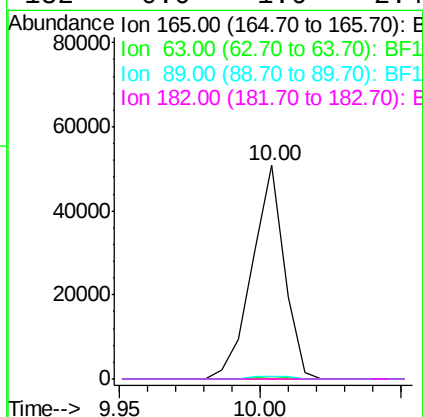
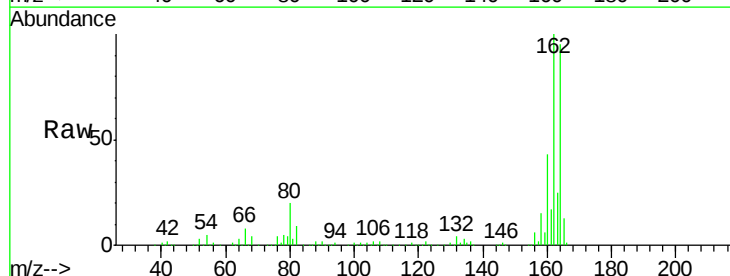
Instrument :
BNA_F
ClientSampleId :

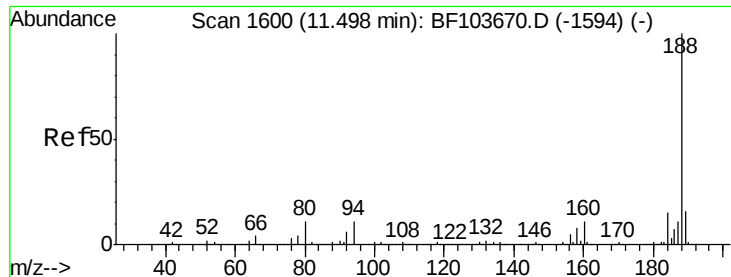
Tot Ion:165 Resp: 40224
Ion Ratio Lower Upper
165 100
63 1.4 44.7 67.1#
89 1.3 44.0 66.0#



#56
2,4-Dinitrotoluene
Concen: 12.169 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.19 min
Lab File: BF103696.D
Acq: 16 Mar 2018 15:05

Tgt Ion:165 Resp: 40224
Ion Ratio Lower Upper
165 100
63 1.4 36.4 54.6#
89 1.3 57.8 86.6#
182 0.0 1.6 2.4#

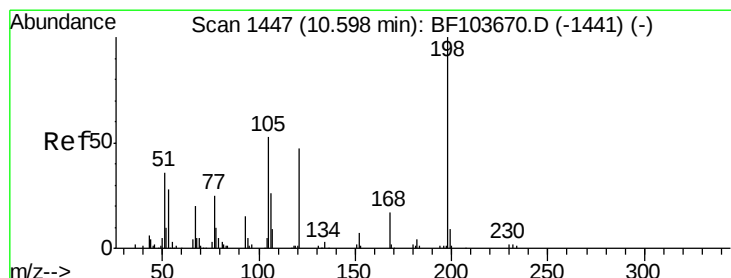
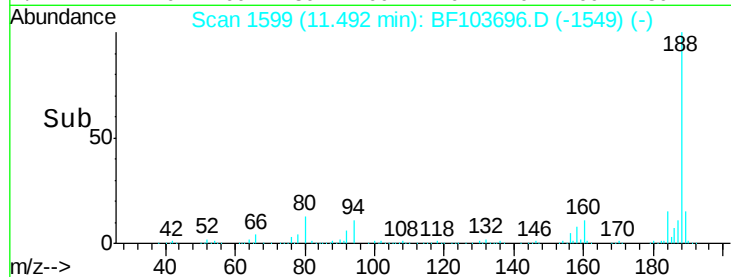
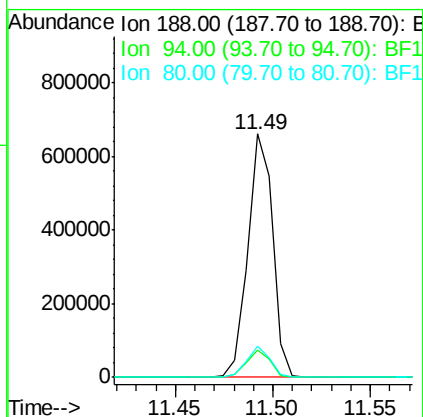
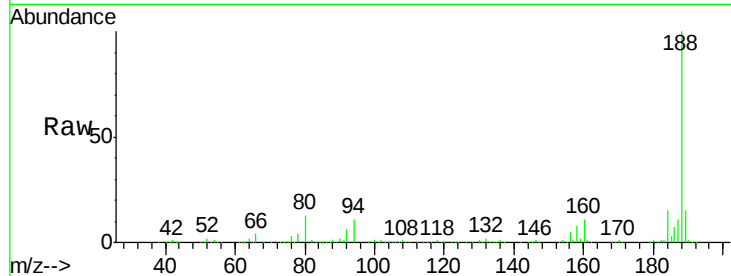




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BF103696.D
 Acq: 16 Mar 2018 15:05

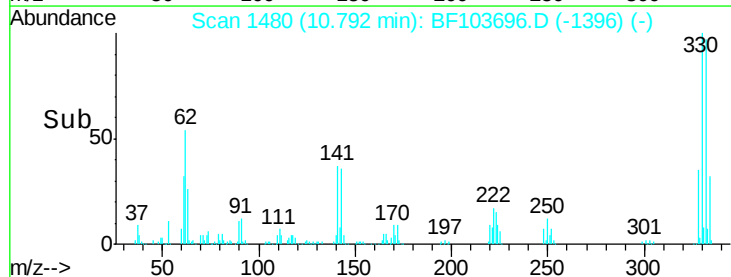
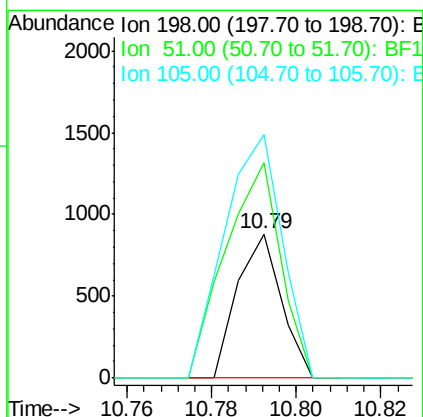
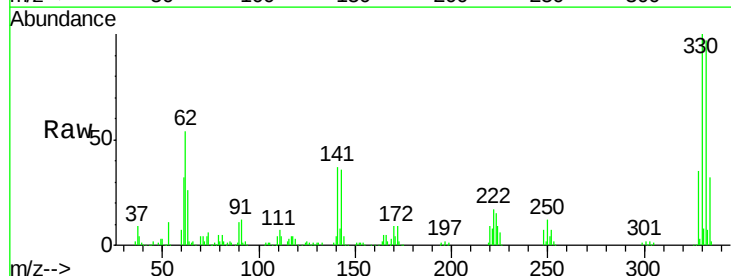
Instrument :
 BNA_F
 ClientSampleId :

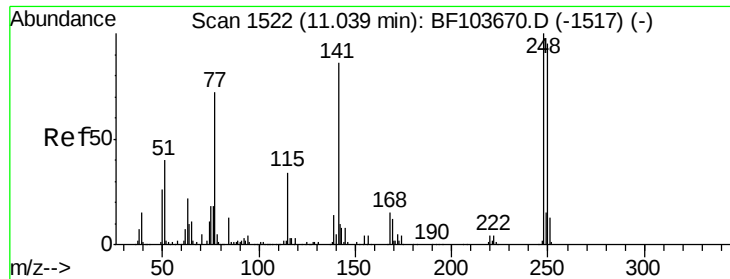
Tot Ion:188 Resp: 581495
 Ion Ratio Lower Upper
 188 100
 94 11.5 8.5 12.7
 80 12.6 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.445 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. 0.19 min
 Lab File: BF103696.D
 Acq: 16 Mar 2018 15:05

Tgt Ion:198 Resp: 637
 Ion Ratio Lower Upper
 198 100
 51 149.5 37.7 77.7#
 105 169.3 36.3 76.3#

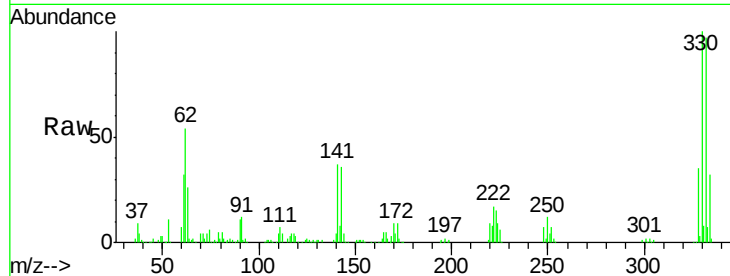




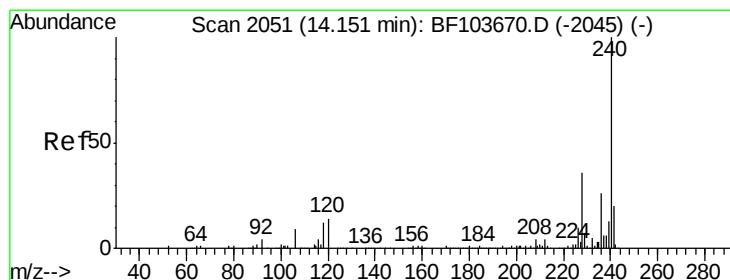
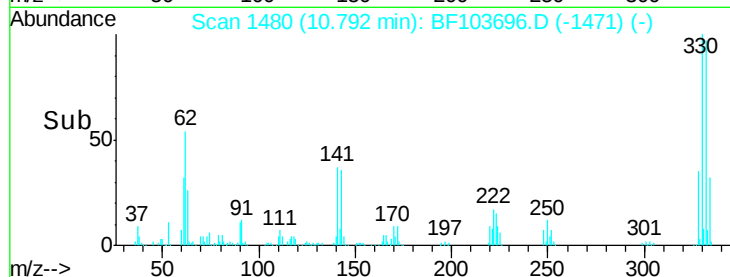
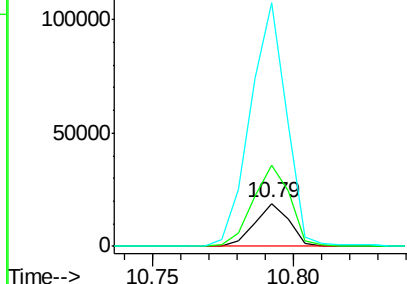
#66
4-Bromophenyl-phenylether
Concen: 2.687 ng
RT: 10.79 min Scan# 1480
Delta R.T. -0.25 min
Lab File: BF103696.D
Acq: 16 Mar 2018 15:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 16045
Ion Ratio Lower Upper
248 100
250 189.4 76.9 115.3#
141 571.0 74.4 111.6#

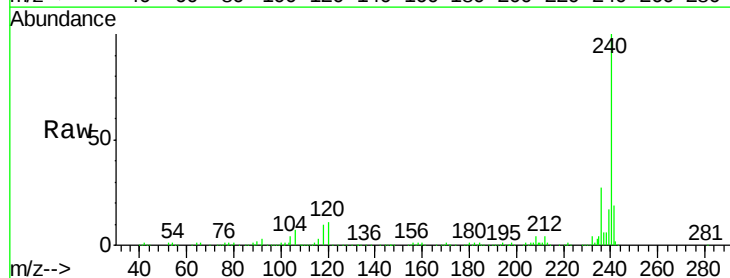


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

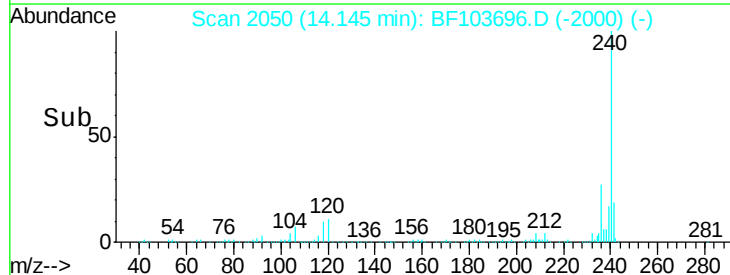
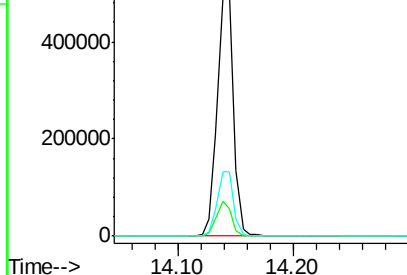


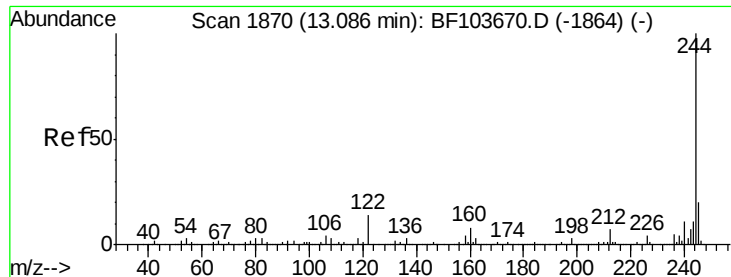
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BF103696.D
Acq: 16 Mar 2018 15:05

Tgt Ion:240 Resp: 496496
Ion Ratio Lower Upper
240 100
120 11.3 9.5 14.3
236 26.6 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

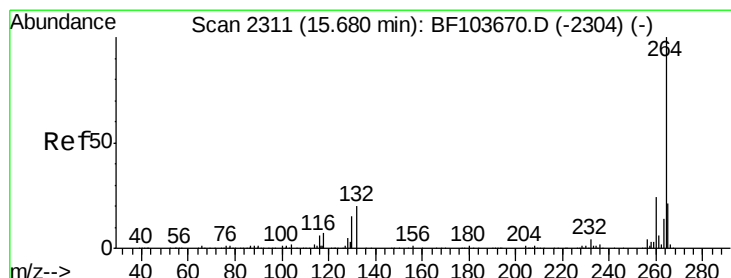
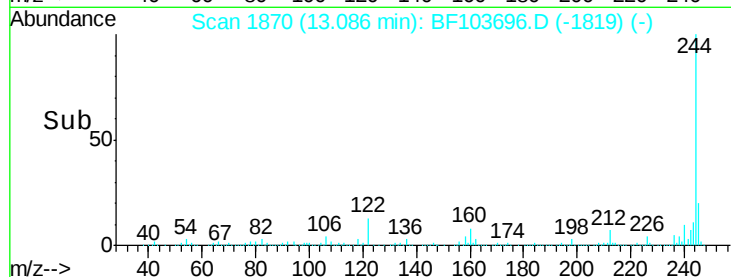
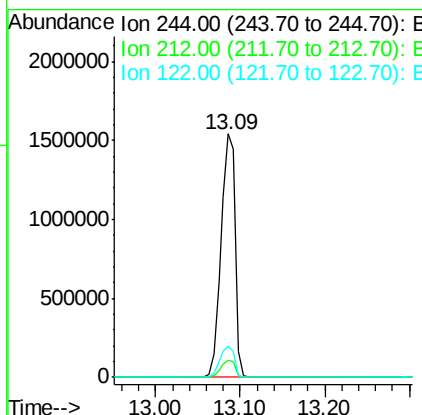
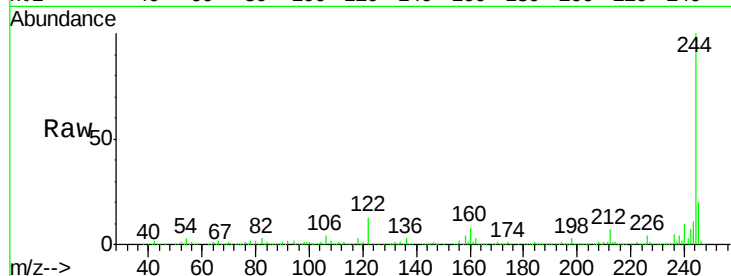




#78
 Terphenyl-d14
 Concen: 84.243 ng
 RT: 13.09 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: BF103696.D
 Acq: 16 Mar 2018 15:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1801967
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 12.6 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2309
 Delta R.T. -0.01 min
 Lab File: BF103696.D
 Acq: 16 Mar 2018 15:05

Tgt Ion:264 Resp: 360813
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 21.8 17.5 26.3

