

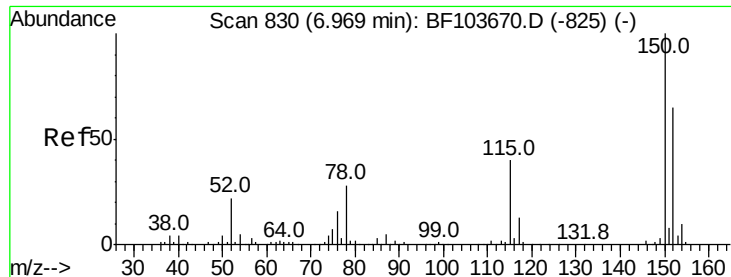
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF032018\
 Data File : BF103832.D
 Acq On : 21 Mar 2018 5:36
 Operator : JU/SJ
 Sample : J1975-01
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 21 06:50:48 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 18:31:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	173294	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	682355	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	295074	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	452390	20.00	ng	0.00
75) Chrysene-d12	14.16	240	324866	20.00	ng	0.00
86) Perylene-d12	15.69	264	267767	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	442362	38.83	ng	0.01
7) Phenol-d6	6.59	99	1099225	78.86	ng	0.00
23) Nitrobenzene-d5	7.53	82	767937	78.48	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	8078	3.18	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1294163	69.96	ng	0.00
78) Terphenyl-d14	13.09	244	991470	70.84	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.53	70	100473	11.247	ng	# 73
25) Isophorone	7.53	82	767929	33.902	ng	# 64
47) 2-Nitroaniline	9.43	65	107	6.832	ng	# 2
49) Dimethylphthalate	9.72	163	172332	7.655	ng	99
50) 2,6-Dinitrotoluene	9.72	165	2329	4.474	ng	# 21
52) 3-Nitroaniline	9.96	138	114	3.835	ng	# 2
56) 2,4-Dinitrotoluene	10.01	165	38125	12.229	ng	# 23
59) Diethylphthalate	10.42	149	193429	8.657	ng	99

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

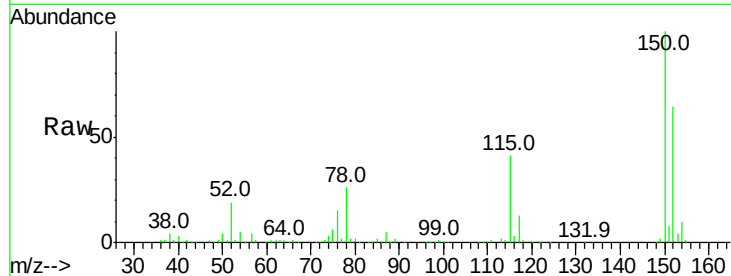


#1

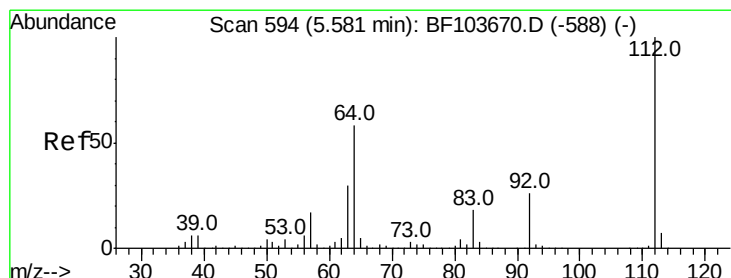
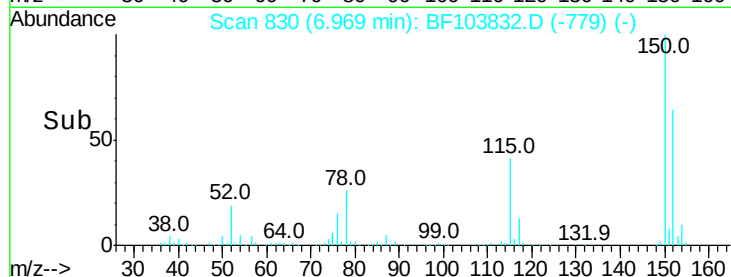
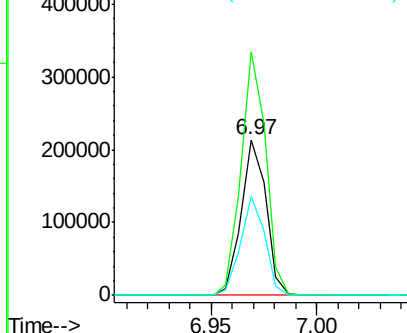
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF103832.D
Acq: 21 Mar 2018 5:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 173294
Ion Ratio Lower Upper
152 100
150 156.4 124.6 186.8
115 63.4 50.1 75.1



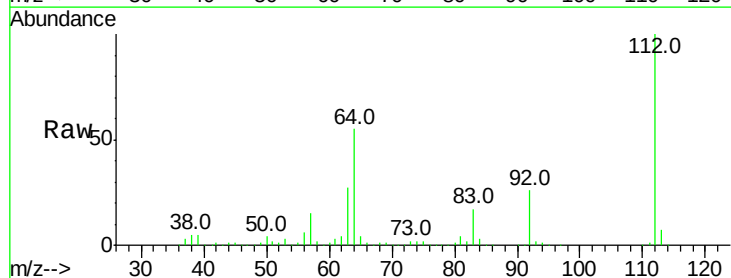
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



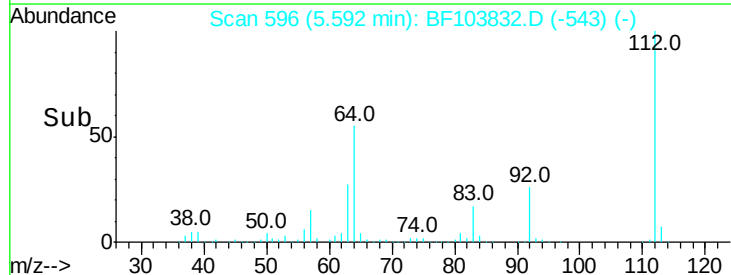
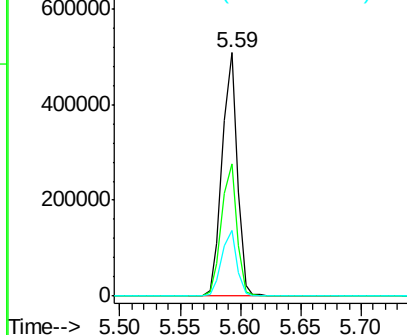
#5

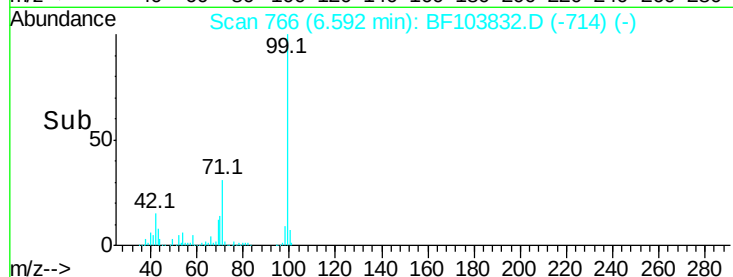
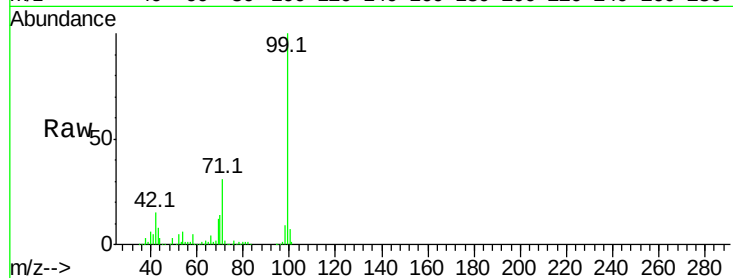
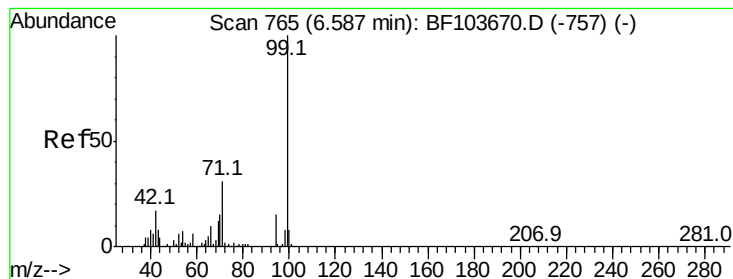
2-Fluorophenol
Concen: 38.826 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.01 min
Lab File: BF103832.D
Acq: 21 Mar 2018 5:36

Tgt Ion:112 Resp: 442362
Ion Ratio Lower Upper
112 100
64 54.6 47.9 71.9
63 27.0 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: 78.859 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF103832.D

Acq: 21 Mar 2018 5:36

Instrument :

BNA_F

ClientSampled :

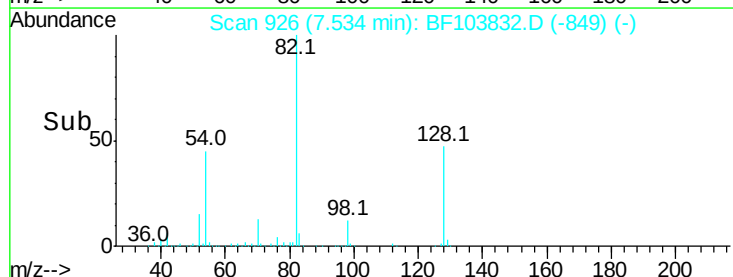
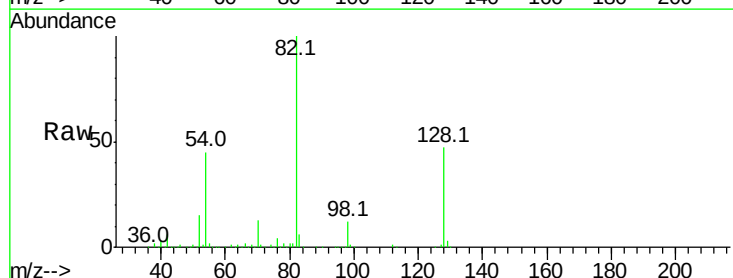
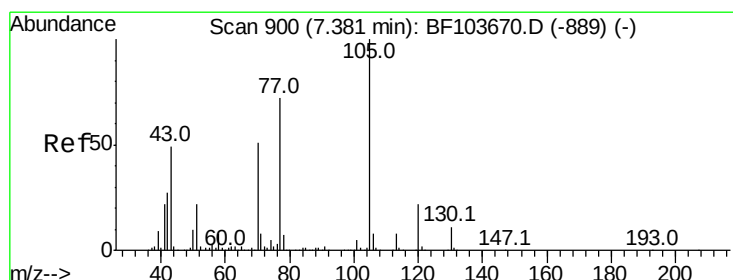
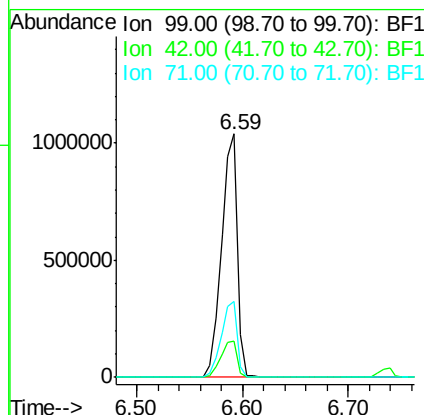
Tot Ion: 99 Resp: 1099225

Ion Ratio Lower Upper

99 100

42 15.0 14.5 21.7

71 31.0 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 11.247 ng

RT: 7.53 min Scan# 926

Delta R.T. 0.15 min

Lab File: BF103832.D

Acq: 21 Mar 2018 5:36

Tgt Ion: 70 Resp: 100473

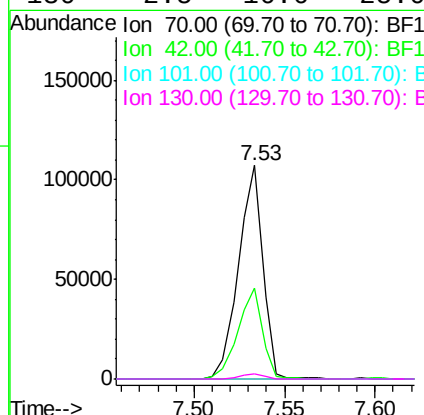
Ion Ratio Lower Upper

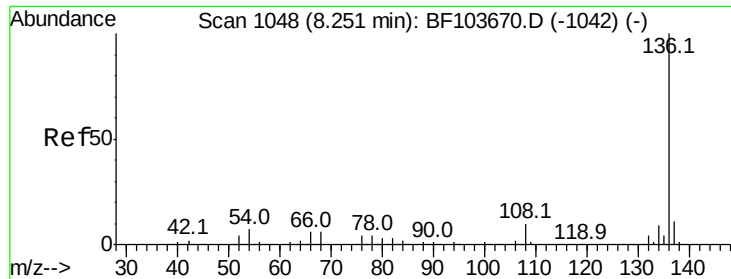
70 100

42 42.3 47.5 71.3#

101 0.0 7.4 11.2#

130 2.5 16.6 25.0#

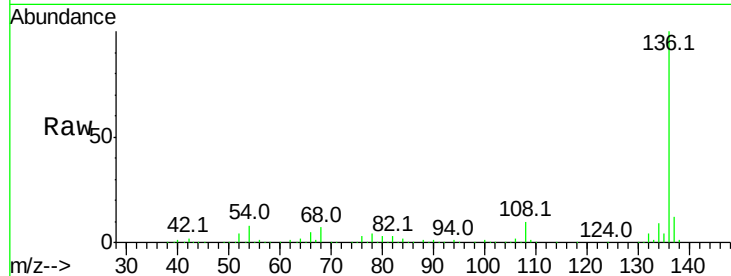




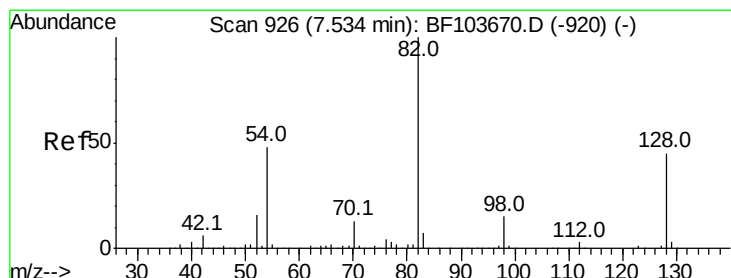
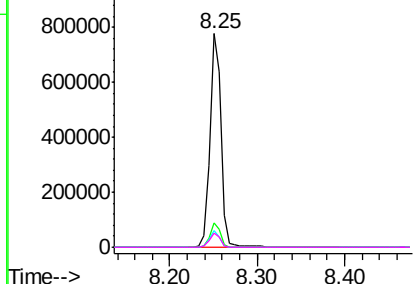
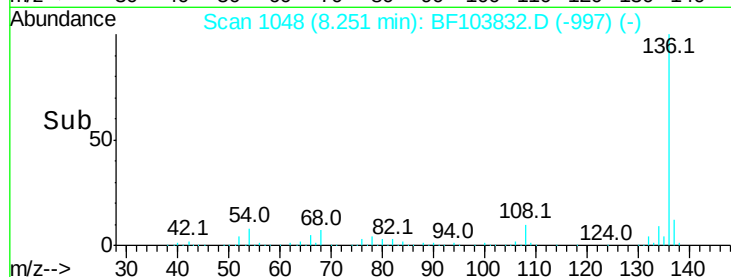
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BF103832.D
Acq: 21 Mar 2018 5:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:	136	Resp:	682355
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.9	13.3
54	7.7	6.6	9.8
68	6.8	5.0	7.4

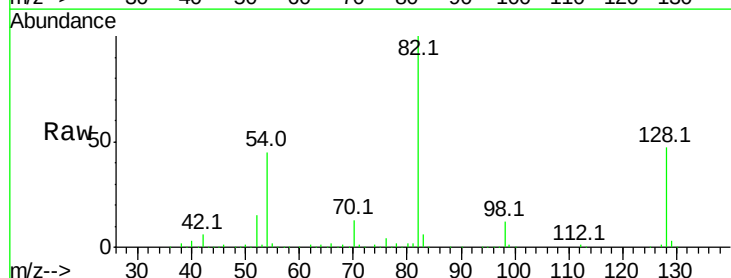


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

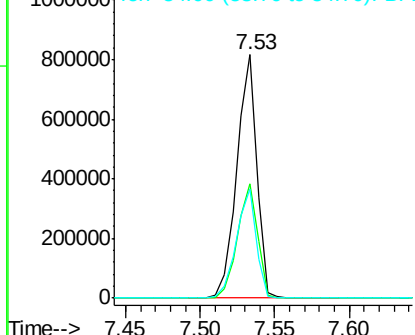
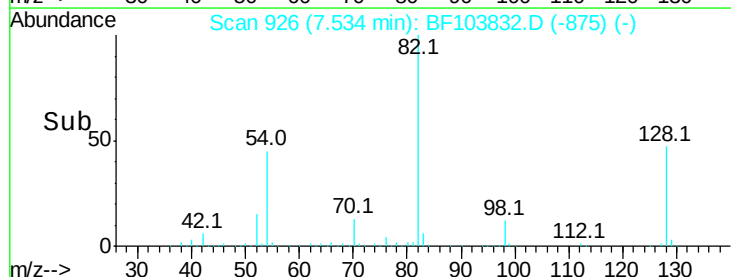


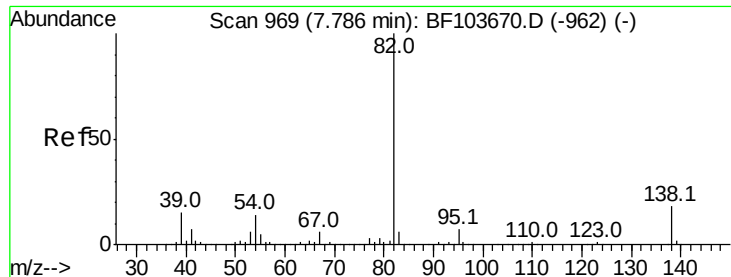
#23
Nitrobenzene-d5
Concen: 78.482 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.00 min
Lab File: BF103832.D
Acq: 21 Mar 2018 5:36

Tgt Ion:	82	Resp:	767937
Ion	Ratio	Lower	Upper
82	100		
128	46.9	36.1	54.1
54	45.0	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: 33.902 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.25 min

Lab File: BF103832.D

Acq: 21 Mar 2018 5:36

Instrument :

BNA_F

ClientSampleId :

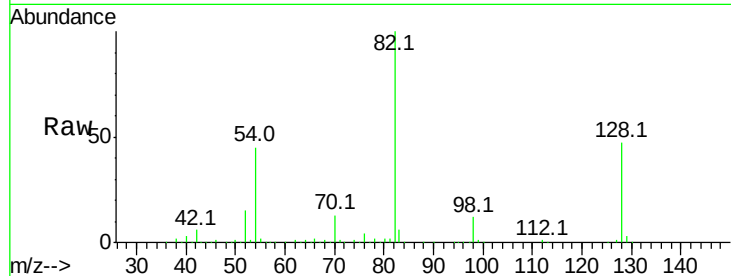
Tot Ion: 82 Resp: 767929

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

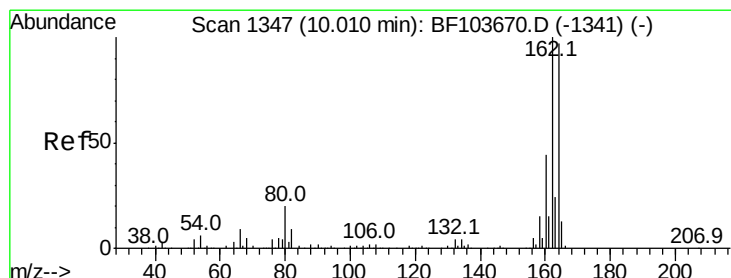
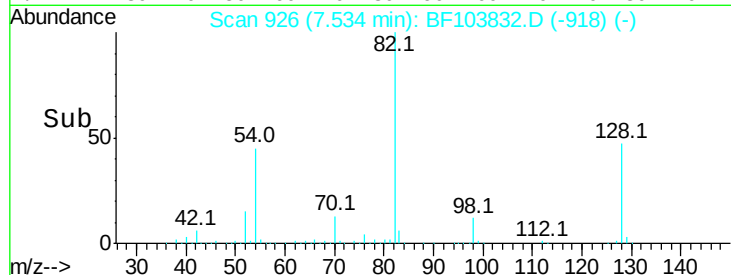
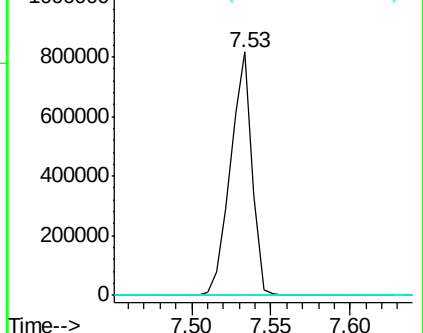
138 0.0 14.9 22.3#



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.00 min

Lab File: BF103832.D

Acq: 21 Mar 2018 5:36

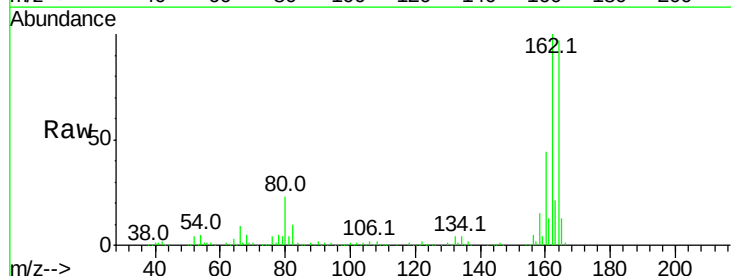
Tgt Ion:164 Resp: 295074

Ion Ratio Lower Upper

164 100

162 103.2 86.1 129.1

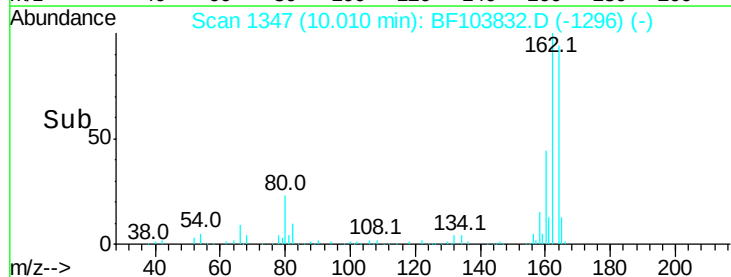
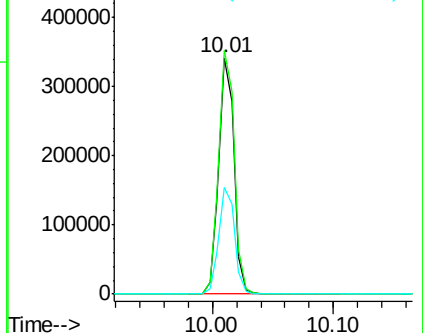
160 45.1 38.3 57.5

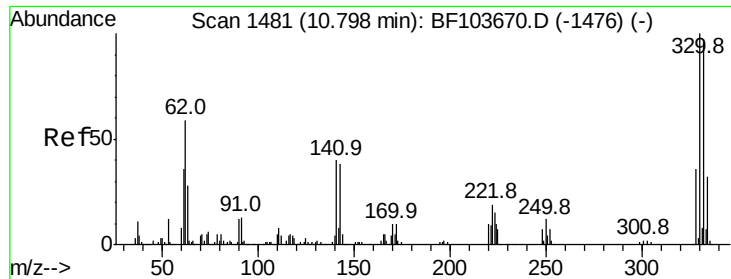


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

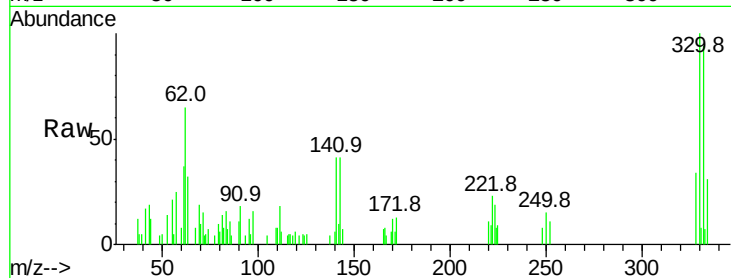




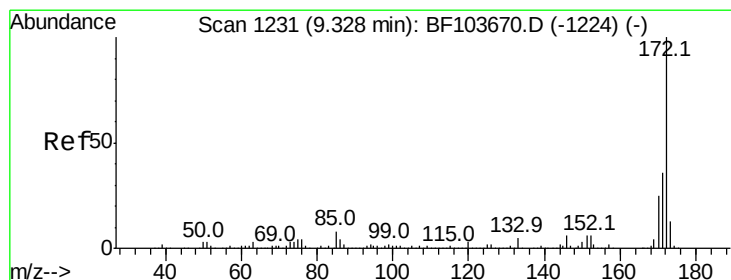
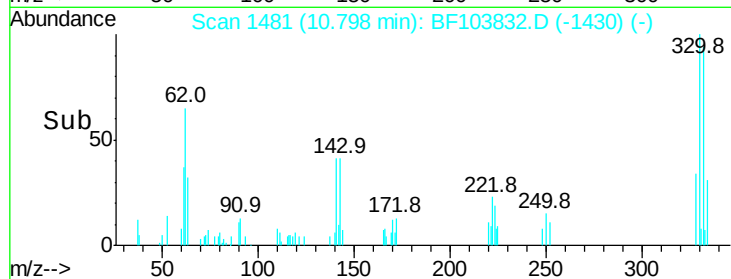
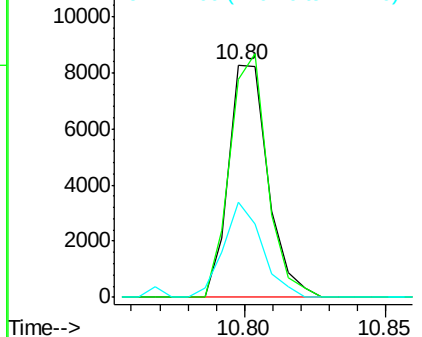
#41
 2,4,6-Tribromophenol
 Concen: 3.184 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: BF103832.D
 Acq: 21 Mar 2018 5:36

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 8078
 Ion Ratio Lower Upper
 330 100
 332 99.5 77.0 115.6
 141 40.2 29.9 44.9

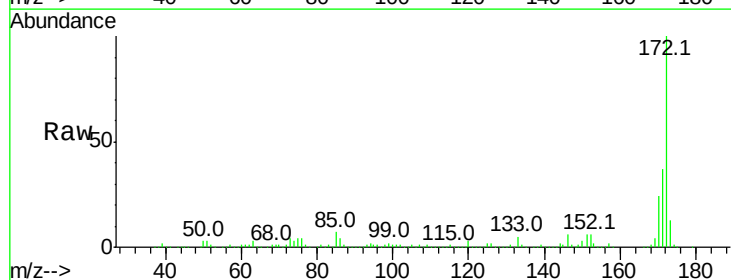


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

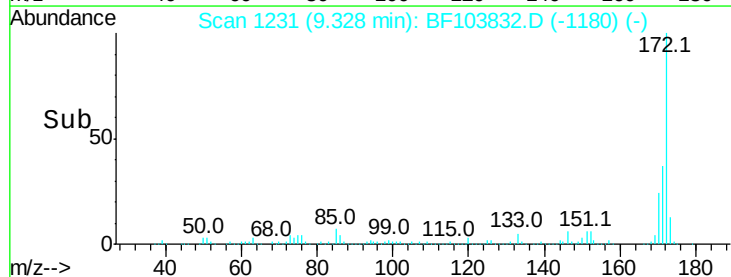
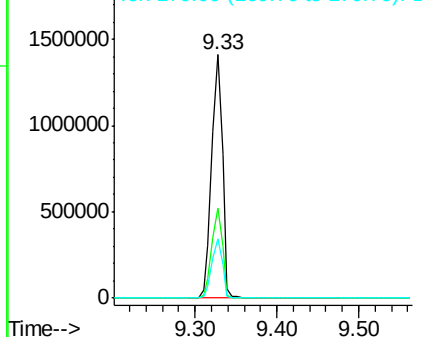


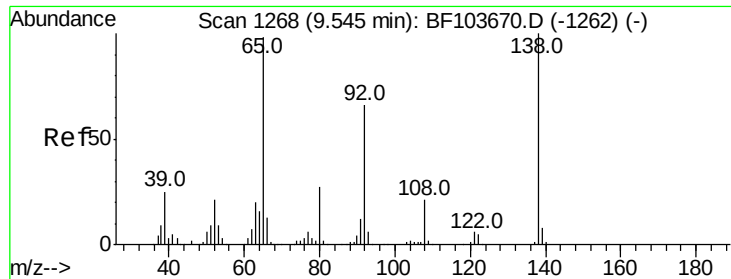
#44
 2-Fluorobiphenyl
 Concen: 69.962 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BF103832.D
 Acq: 21 Mar 2018 5:36

Tgt Ion:172 Resp: 1294163
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.7 44.5
 170 24.2 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





#47

2-Nitroaniline

Concen: 6.832 ng

RT: 9.43 min Scan# 1248

Delta R.T. -0.12 min

Lab File: BF103832.D

Acq: 21 Mar 2018 5:36

Instrument :

BNA_F

ClientSampleId :

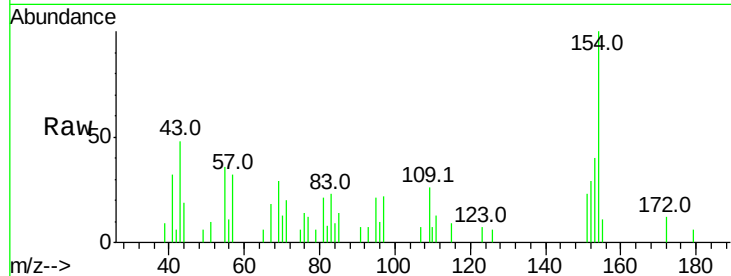
Tot Ion: 65 Resp: 107

Ion Ratio Lower Upper

65 100

92 0.0 55.8 83.6#

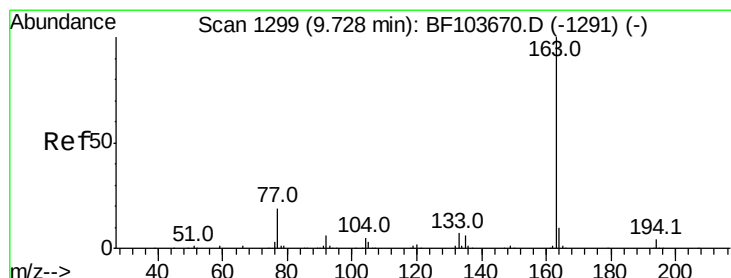
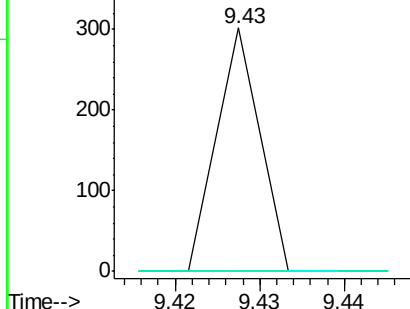
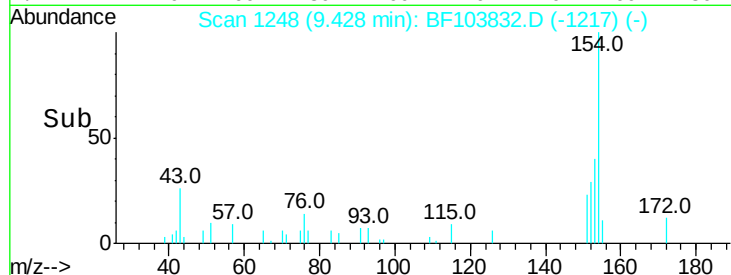
138 0.0 91.2 136.8#



Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#49

Dimethylphthalate

Concen: 7.655 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF103832.D

Acq: 21 Mar 2018 5:36

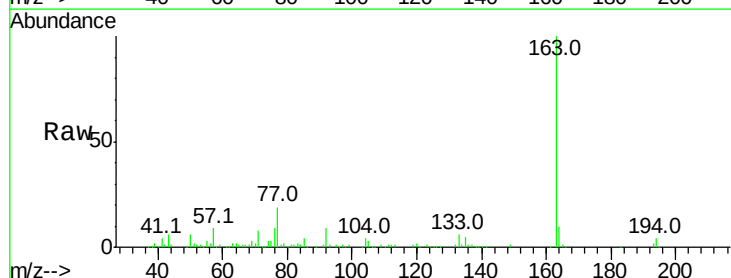
Tgt Ion:163 Resp: 172332

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

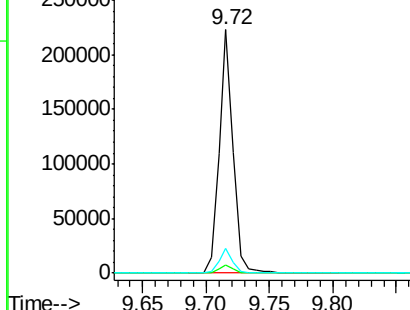
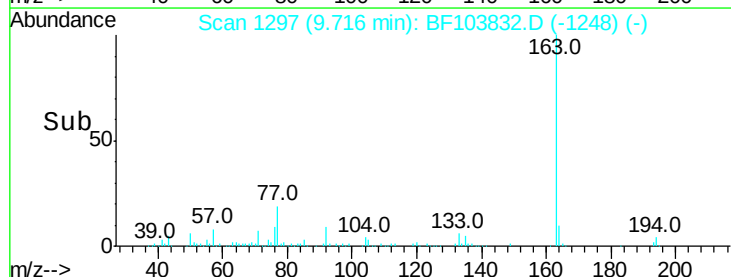
164 10.0 8.2 12.2

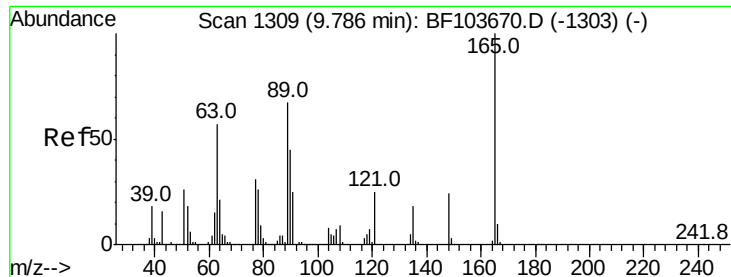


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

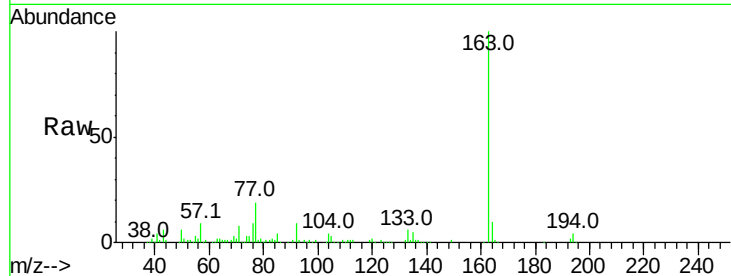




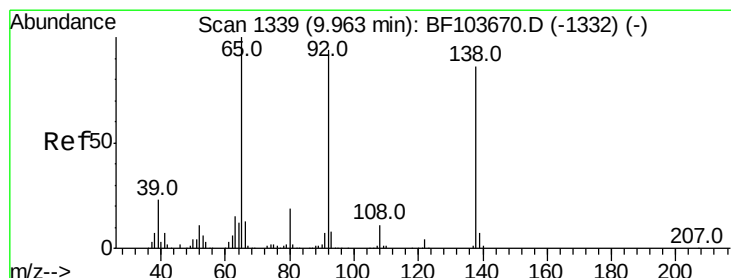
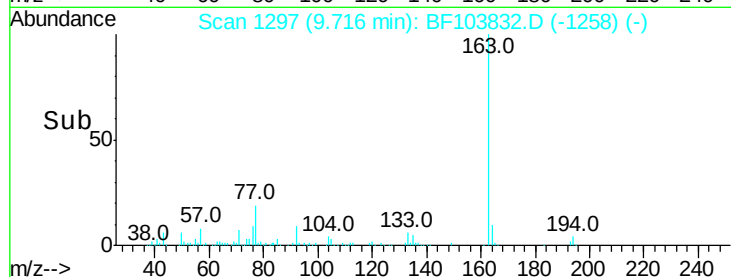
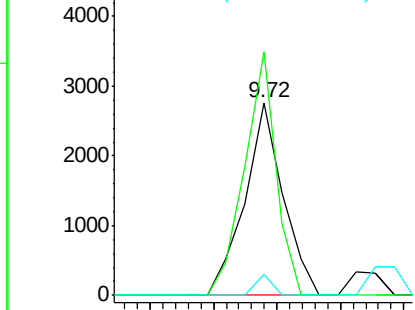
#50
 2,6-Dinitrotoluene
 Concen: 4.474 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.07 min
 Lab File: BF103832.D
 Acq: 21 Mar 2018 5:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 2329
 Ion Ratio Lower Upper
 165 100
 63 126.1 44.7 67.1#
 89 10.9 44.0 66.0#

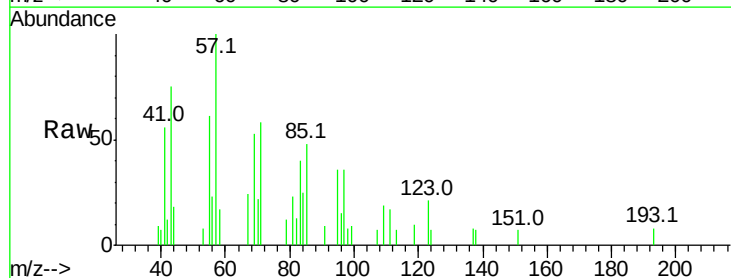


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

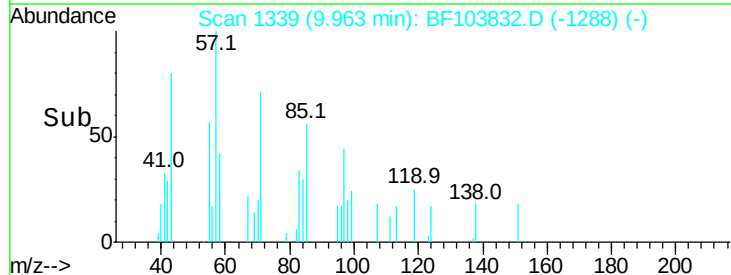
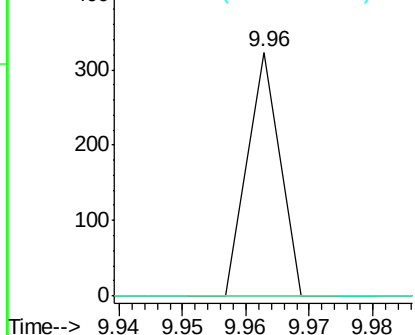


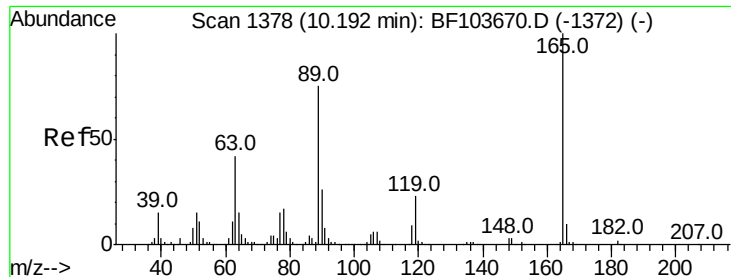
#52
 3-Nitroaniline
 Concen: 3.835 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. 0.00 min
 Lab File: BF103832.D
 Acq: 21 Mar 2018 5:36

Tgt Ion:138 Resp: 114
 Ion Ratio Lower Upper
 138 100
 108 0.0 9.4 14.0#
 92 0.0 89.4 134.2#



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

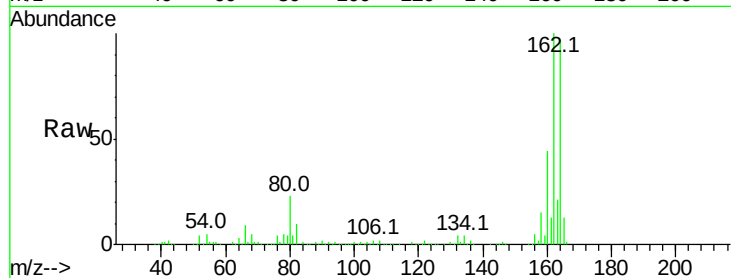




#56
2,4-Dinitrotoluene
Concen: 12.229 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.18 min
Lab File: BF103832.D
Acq: 21 Mar 2018 5:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#

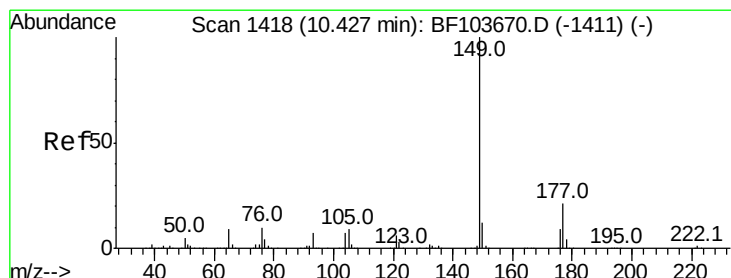
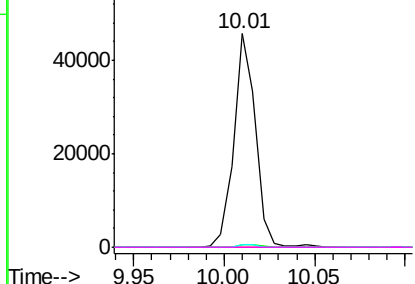
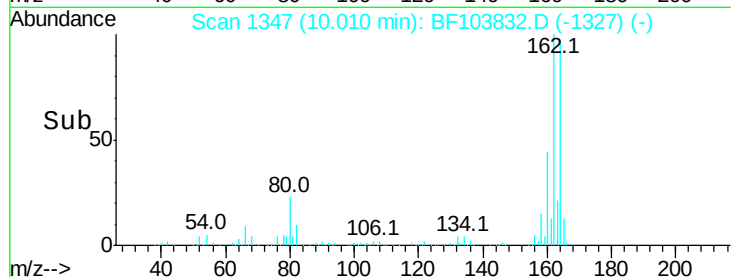


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

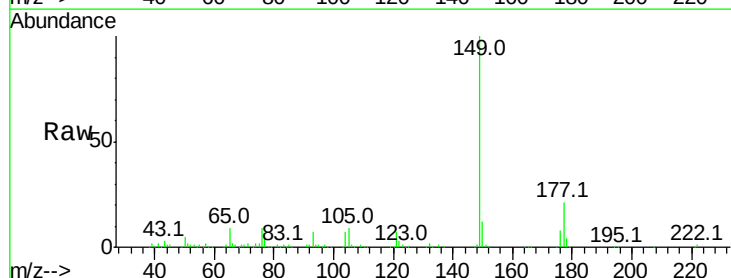
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#59
Diethylphthalate
Concen: 8.657 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF103832.D
Acq: 21 Mar 2018 5:36

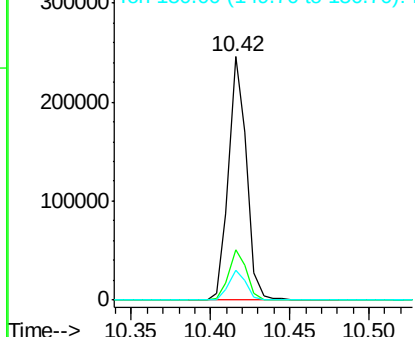
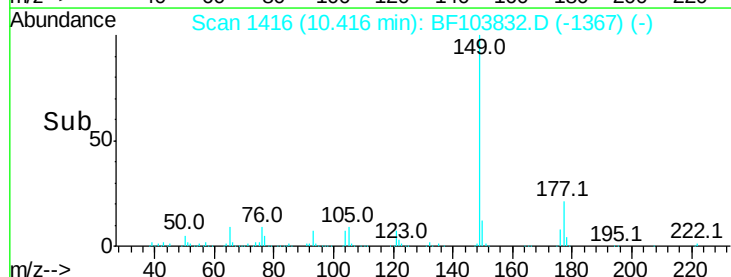
Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.7	16.1	24.1
150	12.3	10.1	15.1

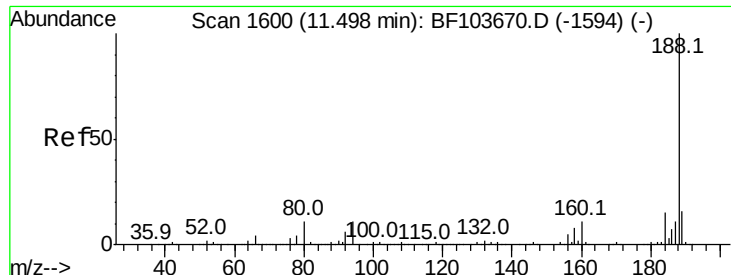


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

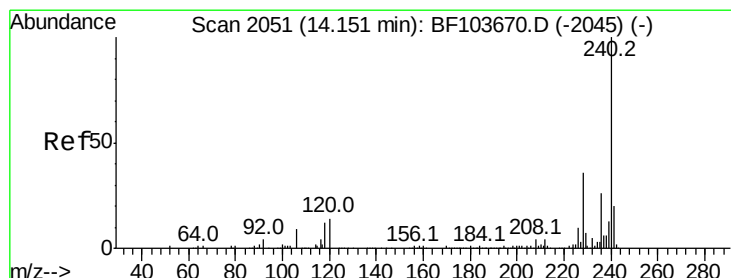
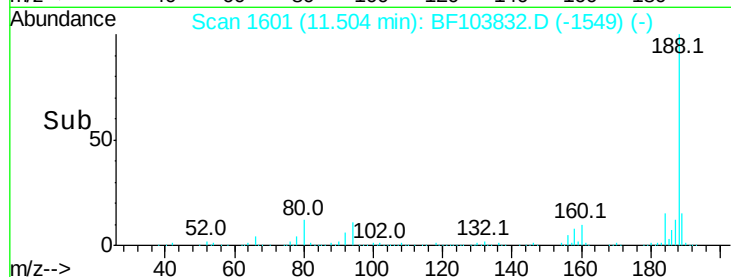
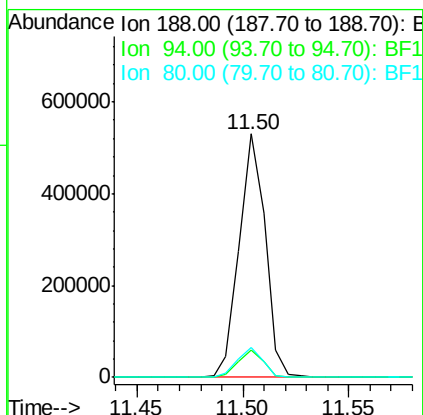
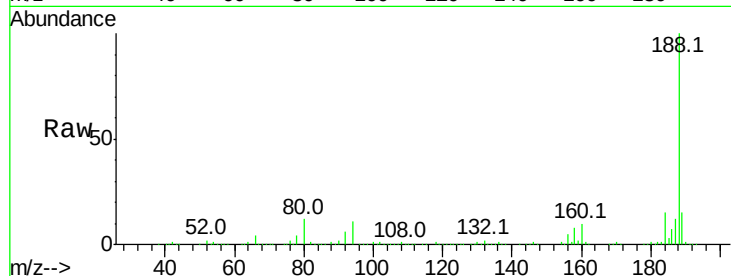




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. 0.01 min
 Lab File: BF103832.D
 Acq: 21 Mar 2018 5:36

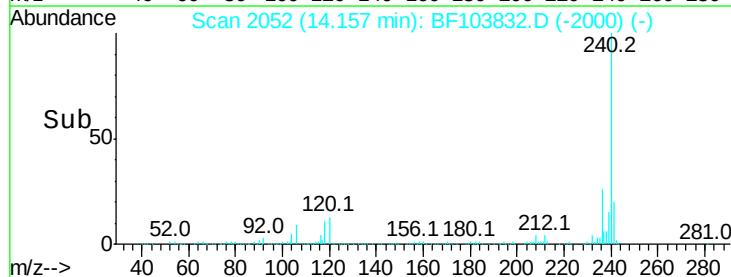
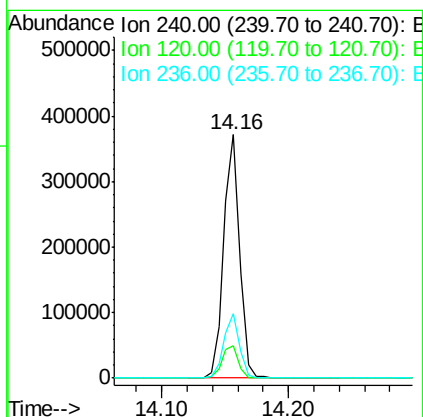
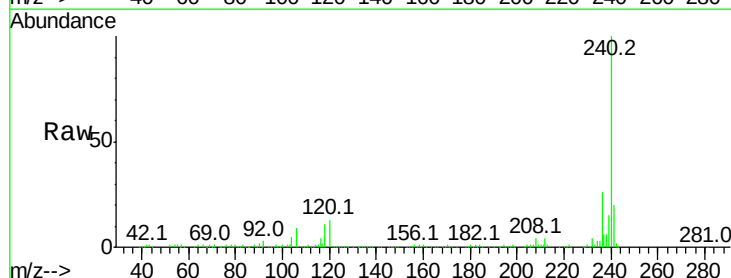
Instrument :
 BNA_F
 ClientSampleId :

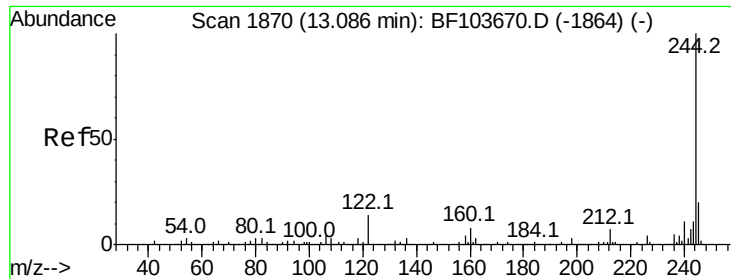
Tot Ion:188 Resp: 452390
 Ion Ratio Lower Upper
 188 100
 94 11.4 8.5 12.7
 80 12.1 9.2 13.8



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.16 min Scan# 2052
 Delta R.T. 0.01 min
 Lab File: BF103832.D
 Acq: 21 Mar 2018 5:36

Tgt Ion:240 Resp: 324866
 Ion Ratio Lower Upper
 240 100
 120 13.2 9.5 14.3
 236 26.5 20.7 31.1

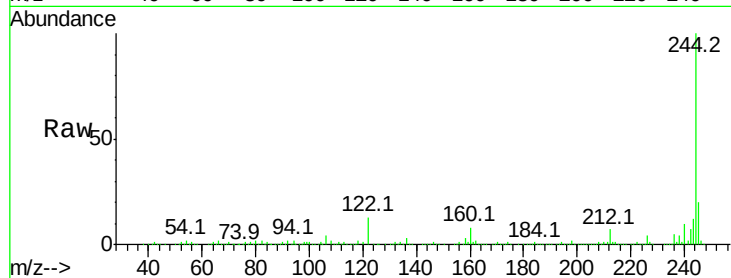




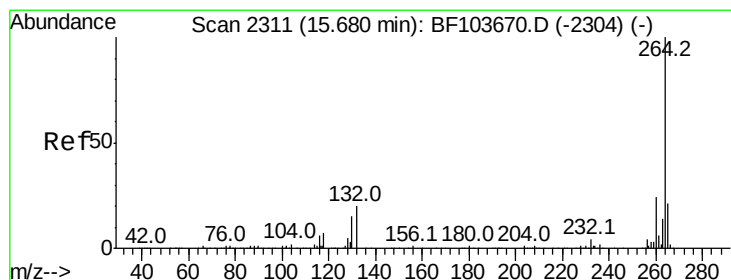
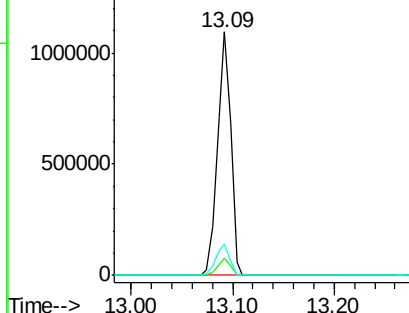
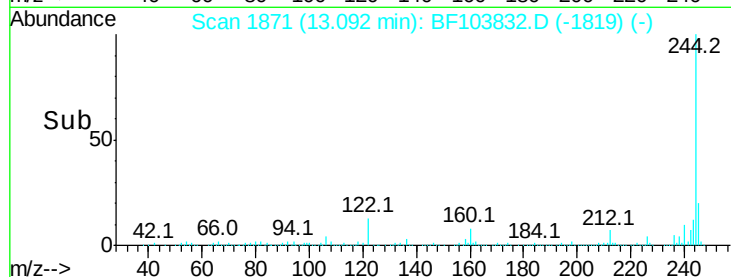
#78
 Terphenyl-d14
 Concen: 70.840 ng
 RT: 13.09 min Scan# 1871
 Delta R.T. 0.01 min
 Lab File: BF103832.D
 Acq: 21 Mar 2018 5:36

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 991470
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 12.8 11.0 16.4

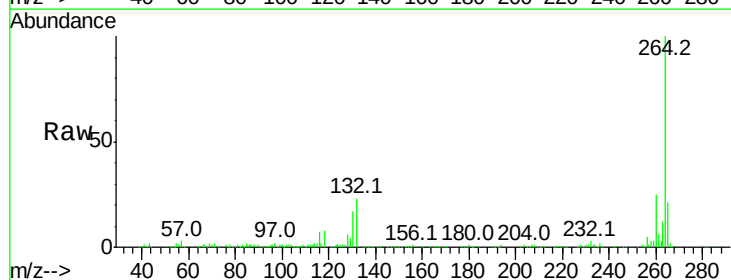


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2313
 Delta R.T. 0.01 min
 Lab File: BF103832.D
 Acq: 21 Mar 2018 5:36

Tgt Ion:264 Resp: 267767
 Ion Ratio Lower Upper
 264 100
 260 25.2 19.2 28.8
 265 21.1 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

