

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031618\
 Data File : BF103689.D
 Acq On : 16 Mar 2018 11:57
 Operator : JU/SJ
 Sample : J1867-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 16 13:30:12 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	6.97	152	172330	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	701527	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	332953	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	612748	20.00	ng	0.00
75) Chrysene-d12	14.14	240	548058	20.00	ng	0.00
86) Perylene-d12	15.68	264	424864	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.58	112	687567	60.69	ng	0.00
7) Phenol-d6	6.57	99	510223	36.81	ng	-0.01
23) Nitrobenzene-d5	7.53	82	1149969	114.31	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	420872	147.02	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1840159	88.16	ng	0.00
78) Terphenyl-d14	13.09	244	1913085	81.02	ng	0.00

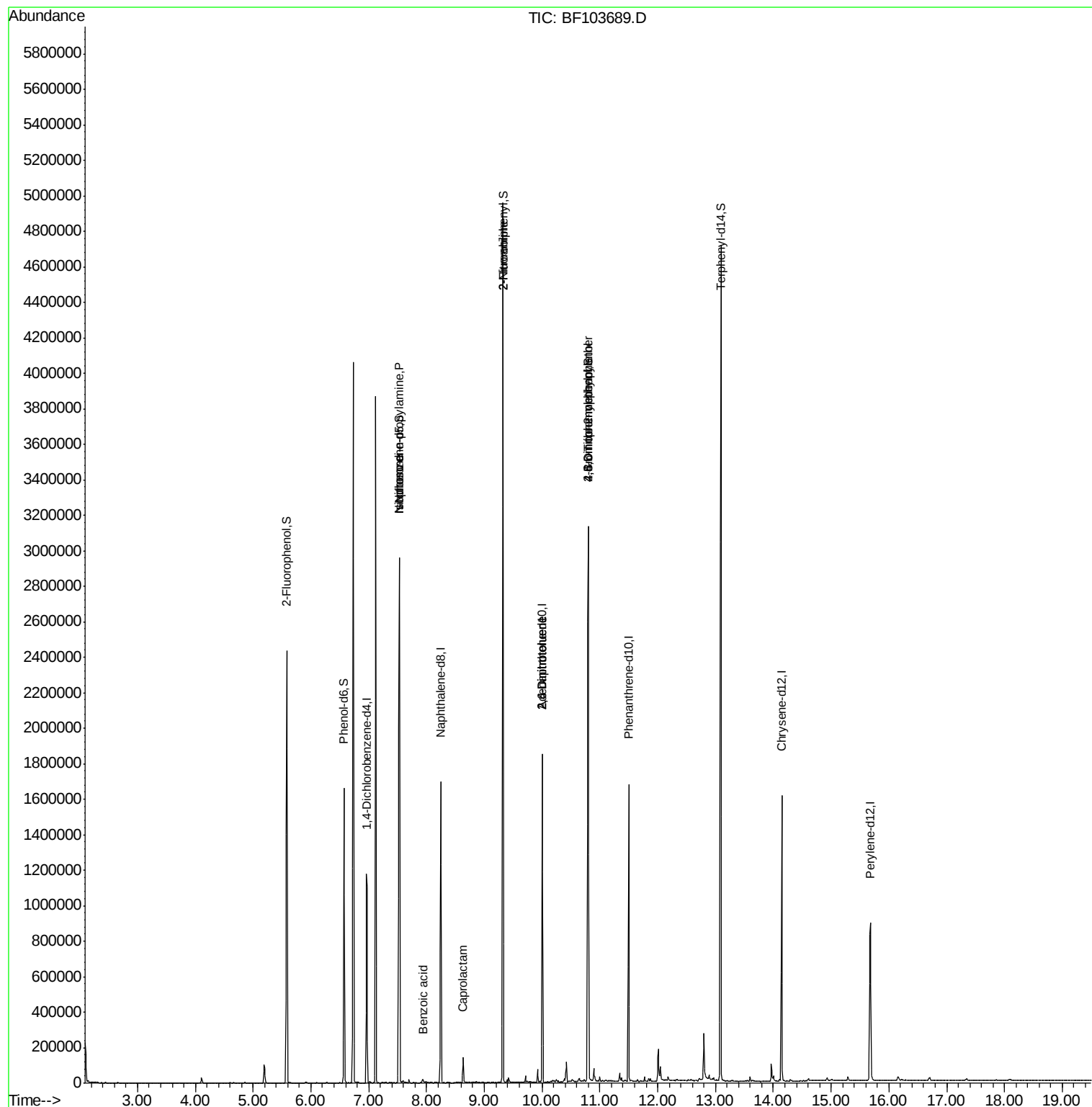
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.53	70	154721	17.417	ng	# 74
25) Isophorone	7.53	82	1149951	49.380	ng	# 64
32) Benzoic acid	7.93	122	6441	10.631	ng	97
35) Caprolactam	8.63	113	14245	4.558	ng	91
47) 2-Nitroaniline	9.32	65	3068	7.271	ng	# 1
50) 2,6-Dinitrotoluene	10.00	165	43097	12.026	ng	# 25
56) 2,4-Dinitrotoluene	10.00	165	43097	12.240	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.79	198	962	8.587	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	23798	3.783	ng	# 1

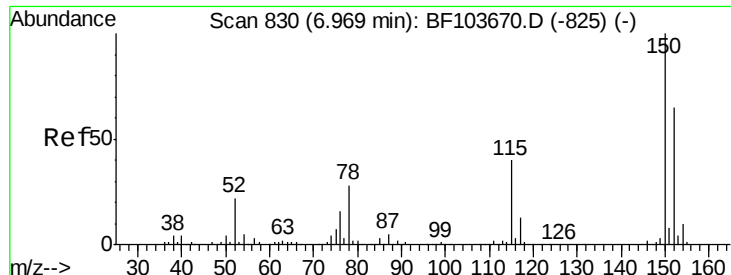
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031618\
Data File : BF103689.D
Acq On : 16 Mar 2018 11:57
Operator : JU/SJ
Sample : J1867-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 16 13:30:12 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



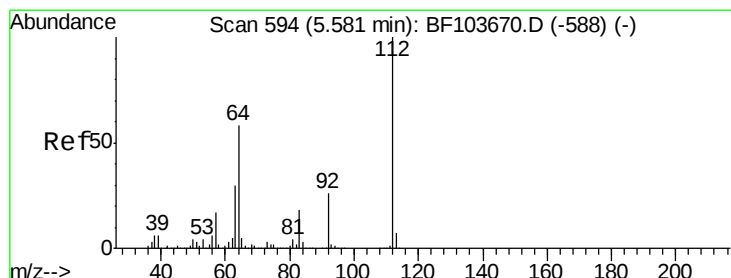
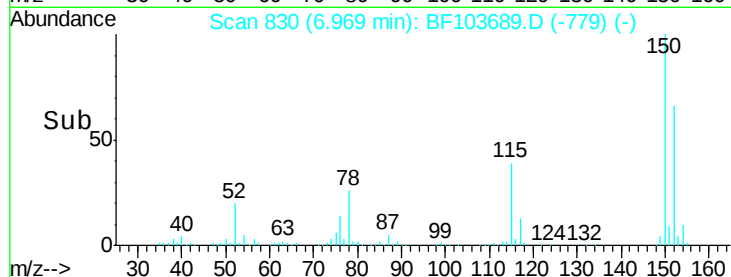
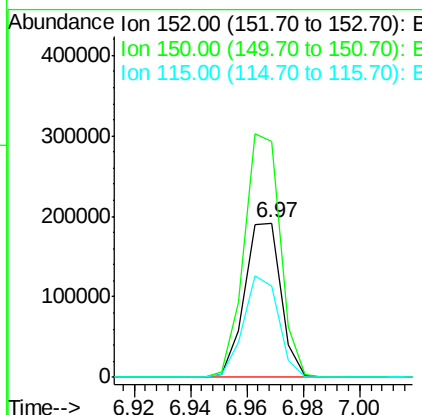
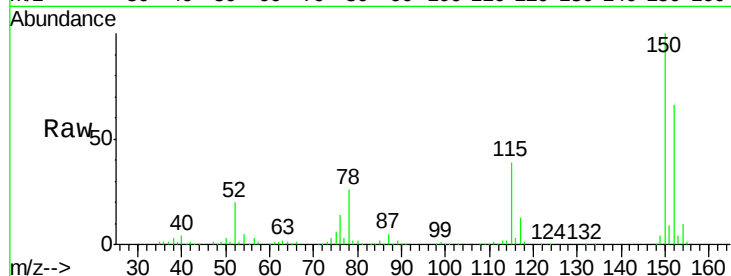


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF103689.D
Acq: 16 Mar 2018 11:57

Instrument :
BNA_F
ClientSampleId :

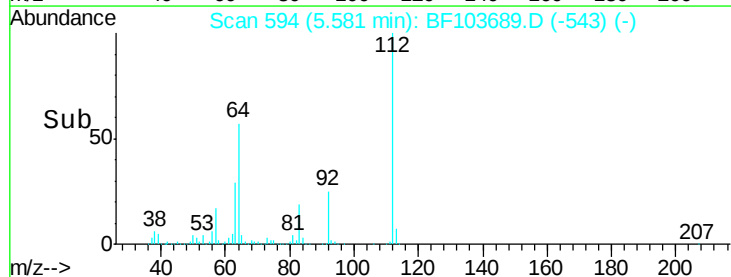
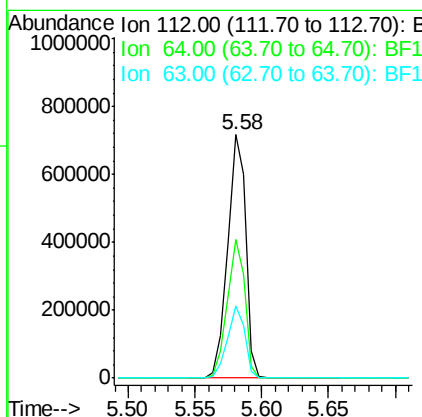
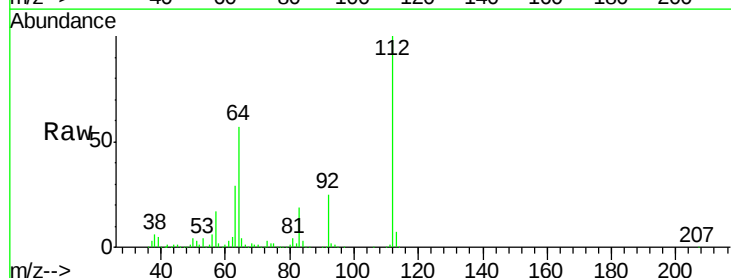
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.5	124.6	186.8
115	58.8	50.1	75.1

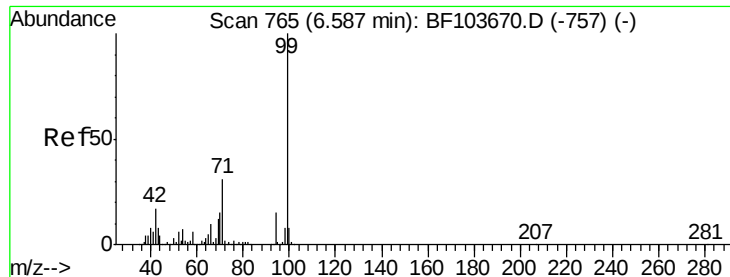


#5

2-Fluorophenol
Concen: 60.685 ng
RT: 5.58 min Scan# 594
Delta R.T. -0.00 min
Lab File: BF103689.D
Acq: 16 Mar 2018 11:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.1	47.9	71.9
63	29.4	23.7	35.5





#7

Phenol-d6

Concen: 36.808 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF103689.D

Acq: 16 Mar 2018 11:57

Instrument :

BNA_F

ClientSampleId :

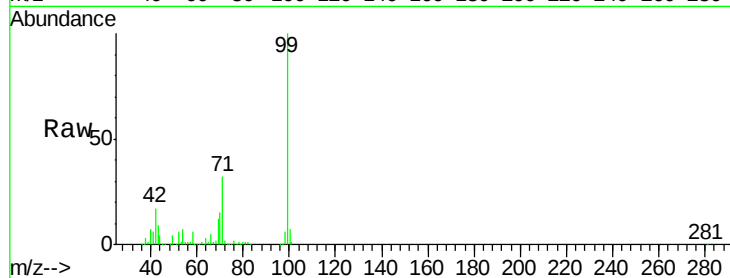
Tot Ion: 99 Resp: 510223

Ion Ratio Lower Upper

99 100

42 17.3 14.5 21.7

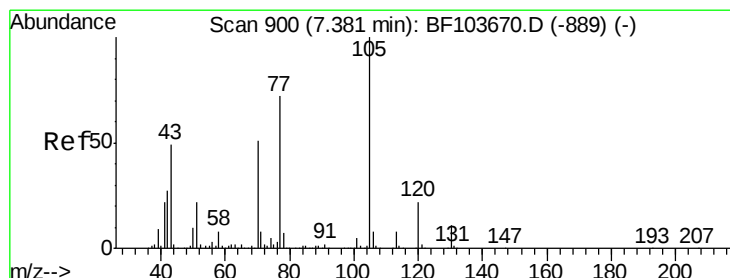
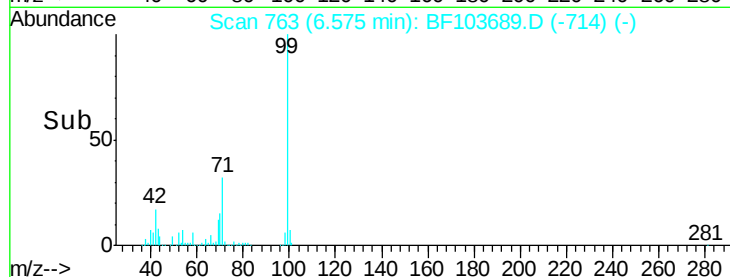
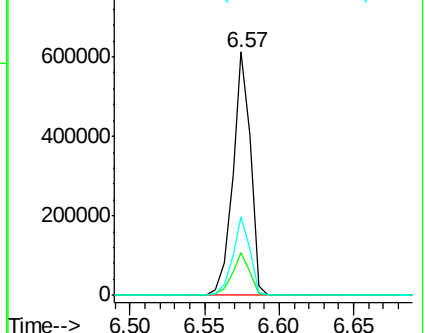
71 32.1 25.4 38.0



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: 17.417 ng

RT: 7.53 min Scan# 925

Delta R.T. 0.15 min

Lab File: BF103689.D

Acq: 16 Mar 2018 11:57

Tgt Ion: 70 Resp: 154721

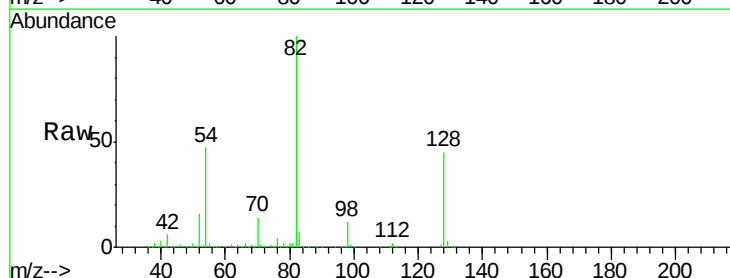
Ion Ratio Lower Upper

70 100

42 43.5 47.5 71.3#

101 0.0 7.4 11.2#

130 1.8 16.6 25.0#

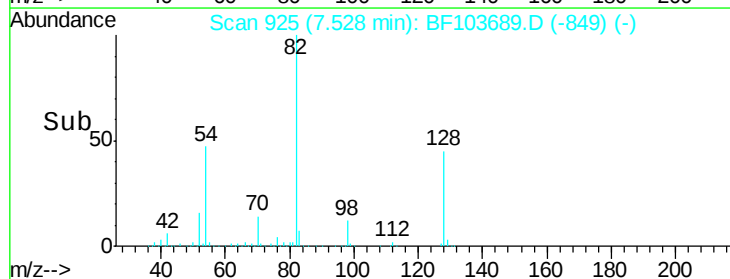
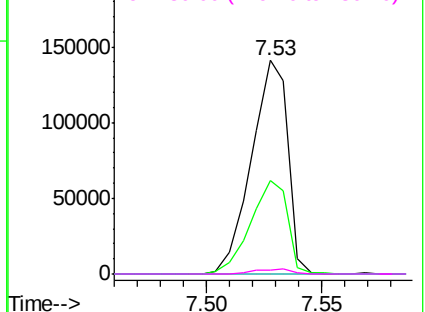


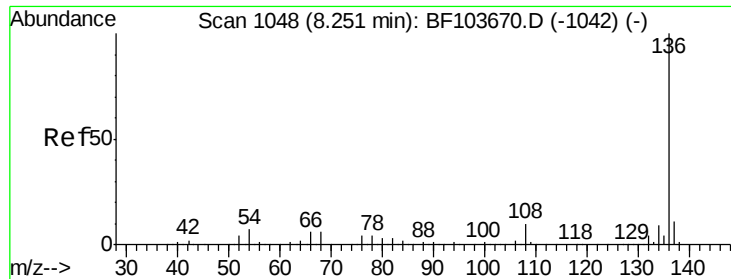
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

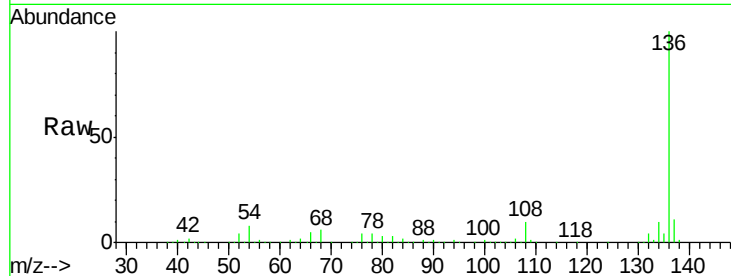




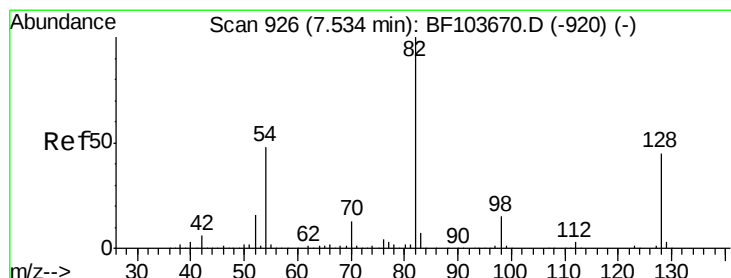
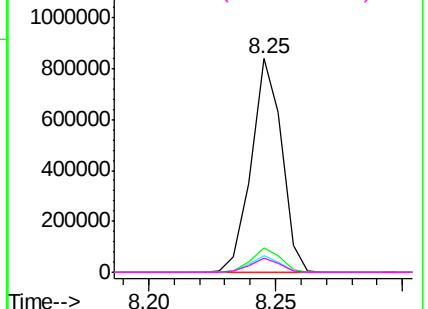
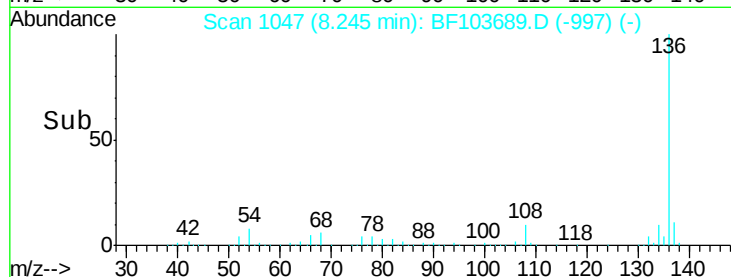
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF103689.D
Acq: 16 Mar 2018 11:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	701527
Ion	Ratio	Lower Upper
136	100	
137	11.3	8.9 13.3
54	7.7	6.6 9.8
68	6.5	5.0 7.4

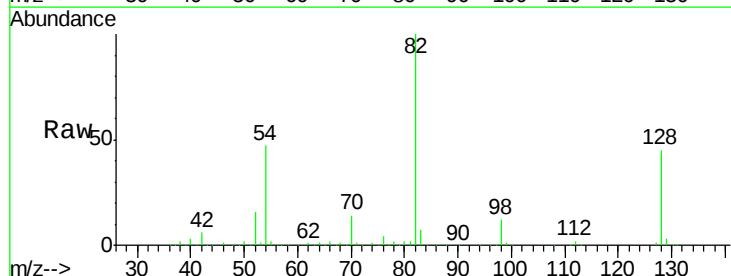


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

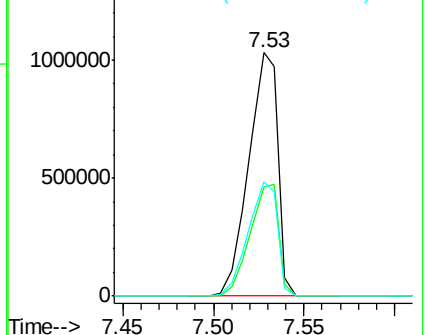
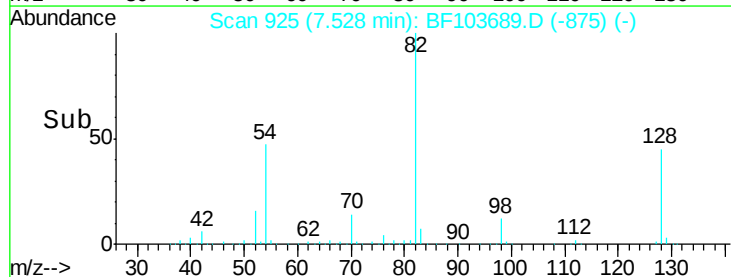


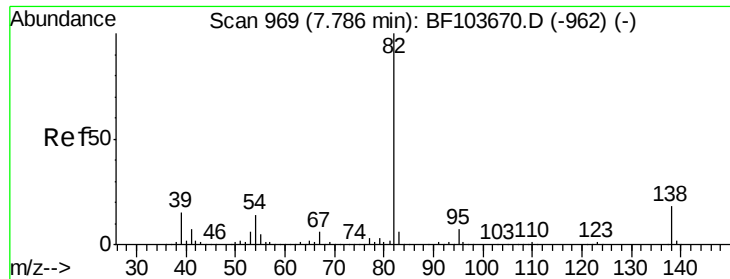
#23
Nitrobenzene-d5
Concen: 114.314 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF103689.D
Acq: 16 Mar 2018 11:57

Tgt Ion: 82	Resp:	1149969
Ion	Ratio	Lower Upper
82	100	
128	45.0	36.1 54.1
54	47.2	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: 49.380 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.26 min

Lab File: BF103689.D

Acq: 16 Mar 2018 11:57

Instrument :

BNA_F

ClientSampled :

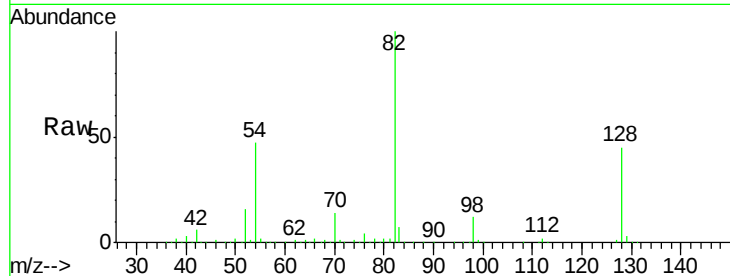
Tot Ion: 82 Resp: 1149951

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

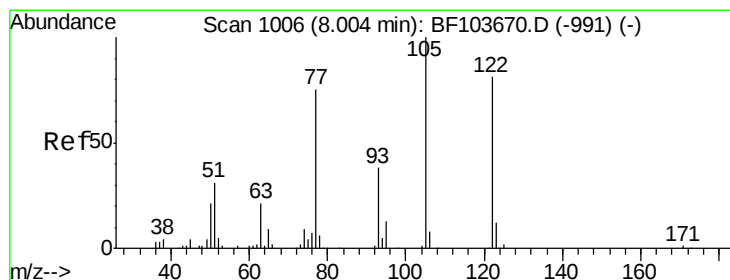
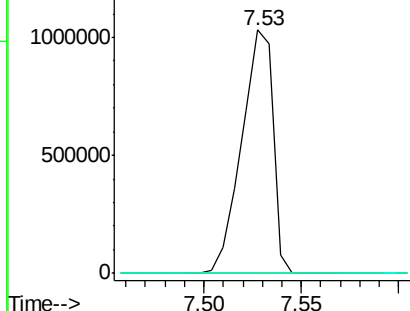
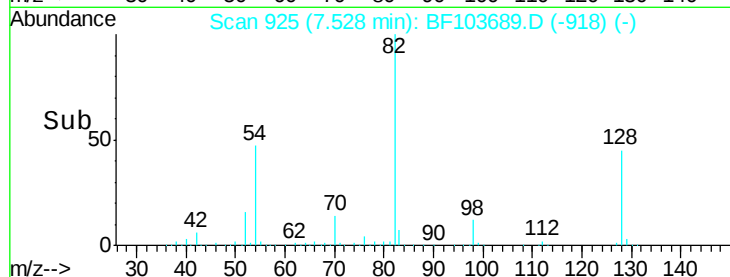
138 0.0 14.9 22.3#



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: 10.631 ng

RT: 7.93 min Scan# 994

Delta R.T. -0.07 min

Lab File: BF103689.D

Acq: 16 Mar 2018 11:57

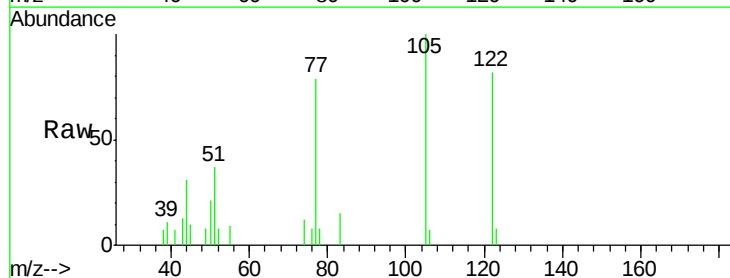
Tgt Ion:122 Resp: 6441

Ion Ratio Lower Upper

122 100

105 122.0 101.1 141.1

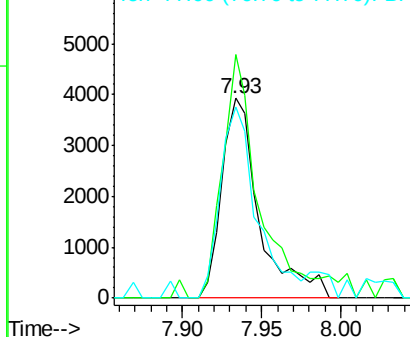
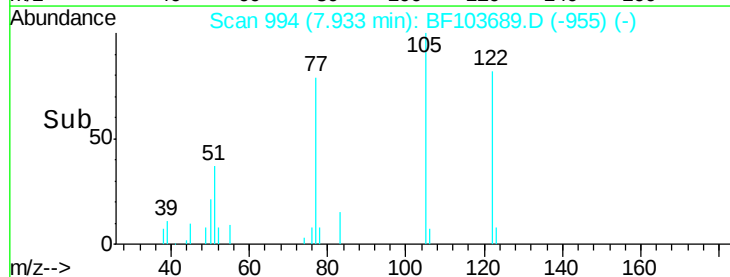
77 95.9 70.7 110.7

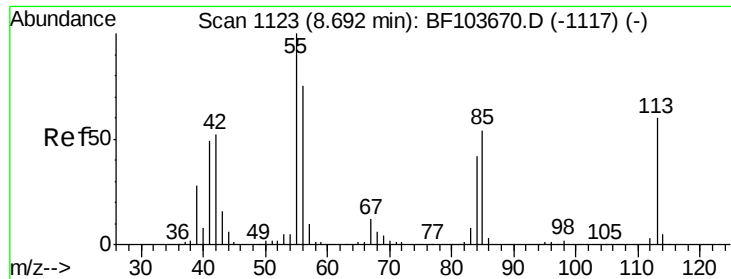


Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

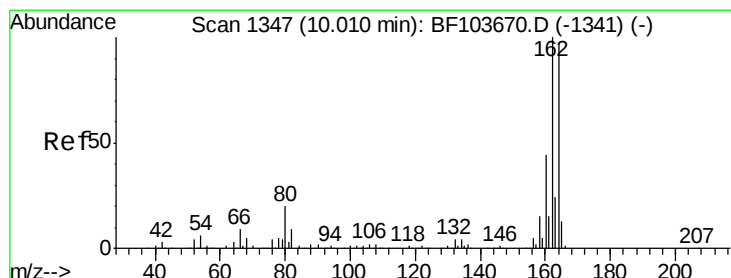
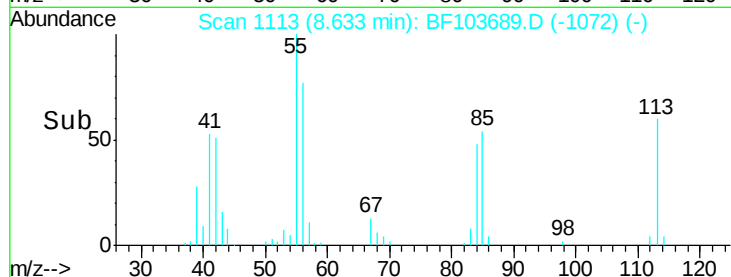
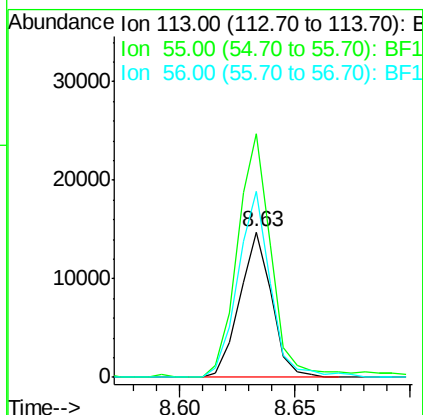
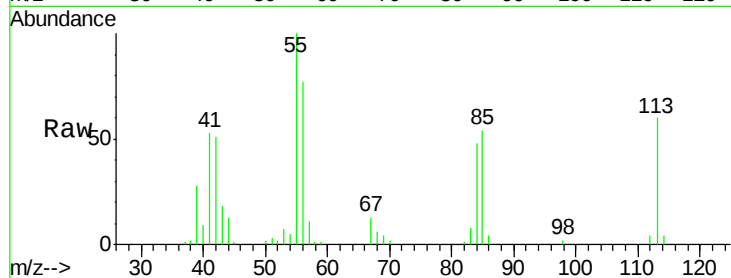




#35
 Caprolactam
 Concen: 4.558 ng
 RT: 8.63 min Scan# 1113
 Delta R.T. -0.06 min
 Lab File: BF103689.D
 Acq: 16 Mar 2018 11:57

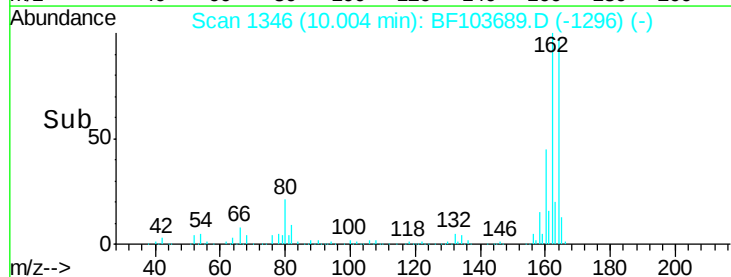
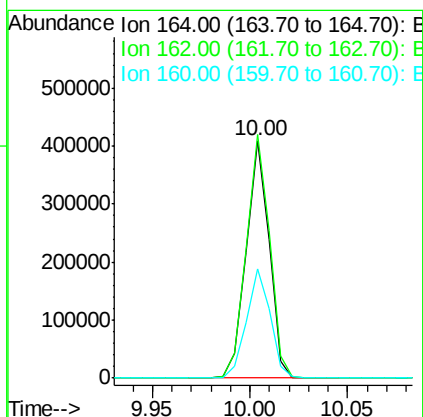
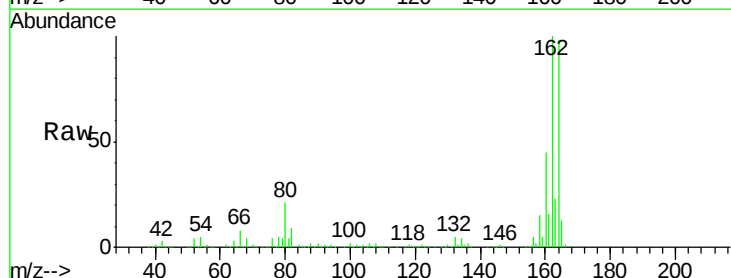
Instrument :
 BNA_F
 ClientSampleId :

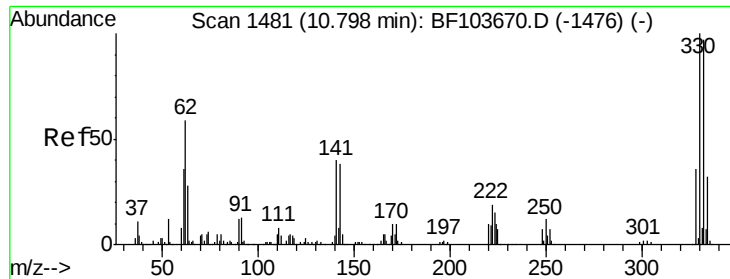
Tot Ion:113 Resp: 14245
 Ion Ratio Lower Upper
 113 100
 55 167.8 163.3 203.3
 56 128.7 115.7 155.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1346
 Delta R.T. -0.01 min
 Lab File: BF103689.D
 Acq: 16 Mar 2018 11:57

Tgt Ion:164 Resp: 332953
 Ion Ratio Lower Upper
 164 100
 162 102.5 86.1 129.1
 160 46.1 38.3 57.5

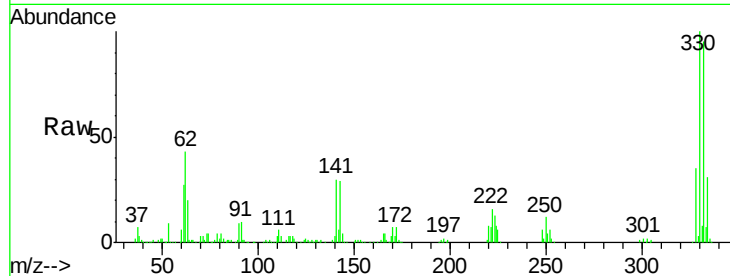




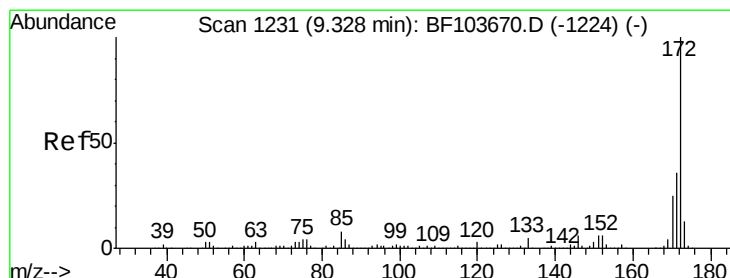
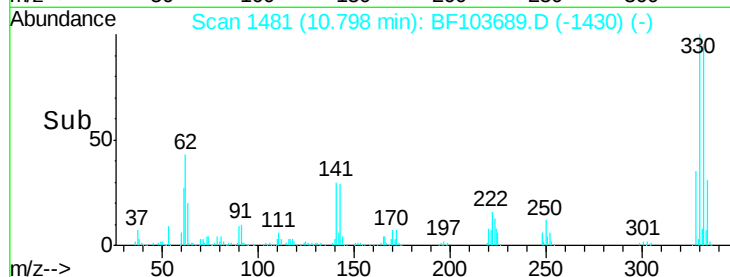
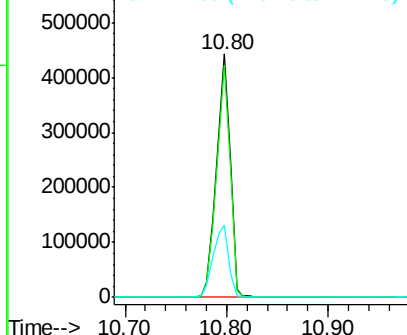
#41
 2,4,6-Tribromophenol
 Concen: 147.017 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: BF103689.D
 Acq: 16 Mar 2018 11:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 420872
 Ion Ratio Lower Upper
 330 100
 332 94.8 77.0 115.6
 141 33.4 29.9 44.9

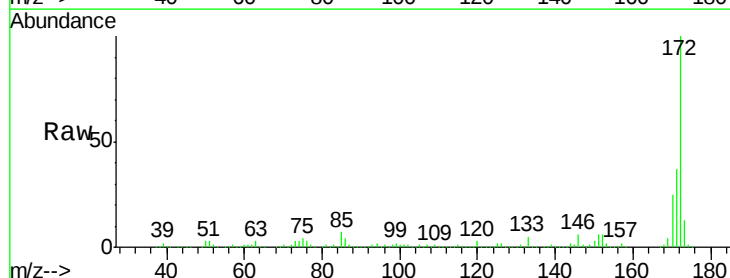


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

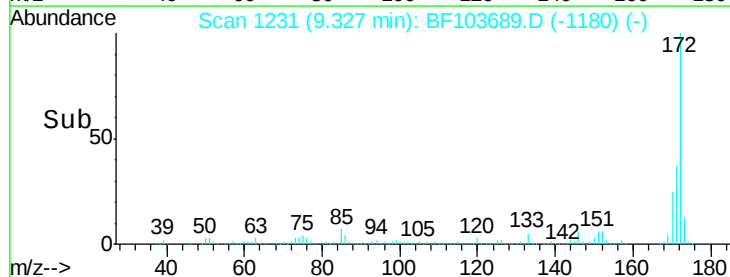
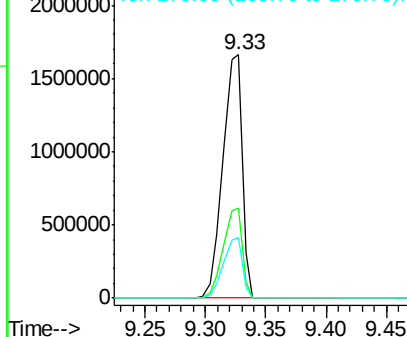


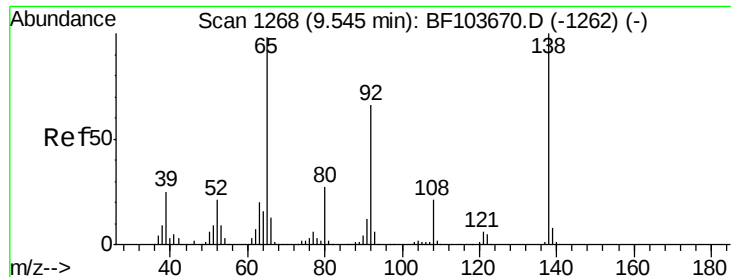
#44
 2-Fluorobiphenyl
 Concen: 88.160 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.00 min
 Lab File: BF103689.D
 Acq: 16 Mar 2018 11:57

Tgt Ion:172 Resp: 1840159
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.7 44.5
 170 24.8 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

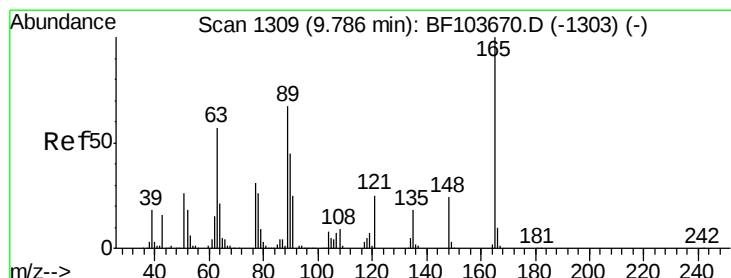
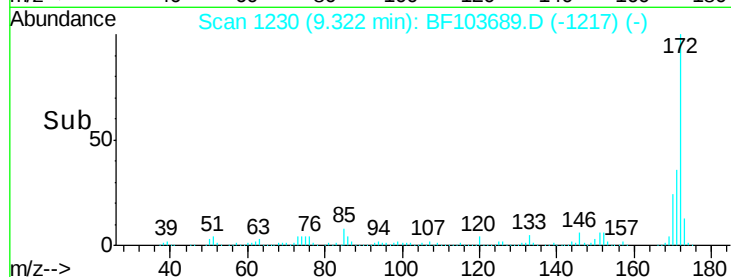
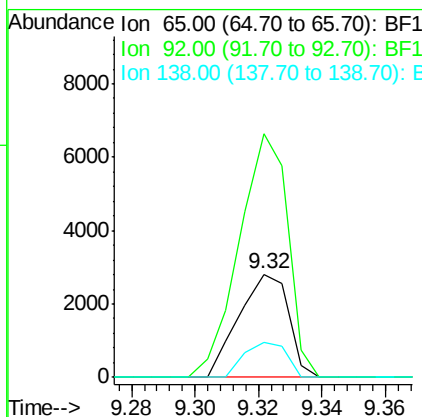
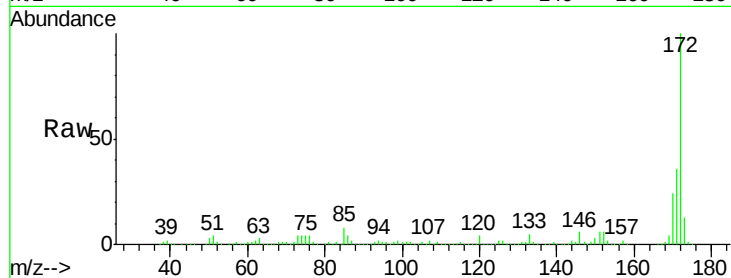




#47
 2-Nitroaniline
 Concen: 7.271 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.22 min
 Lab File: BF103689.D
 Acq: 16 Mar 2018 11:57

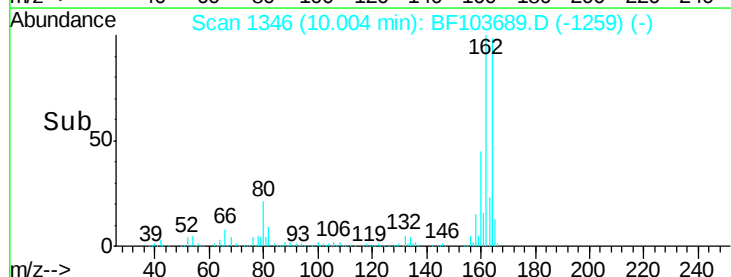
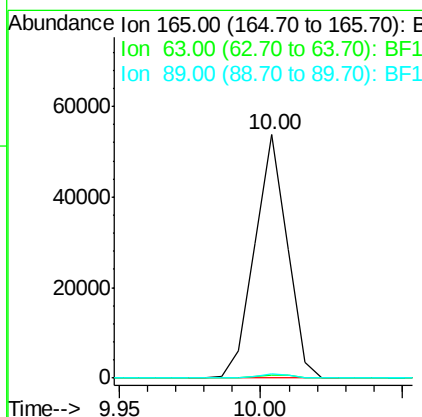
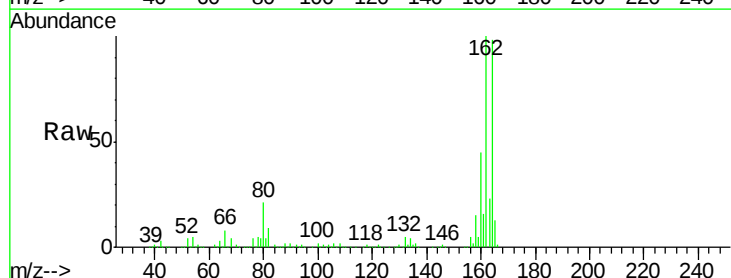
Instrument :
 BNA_F
 ClientSampleId :

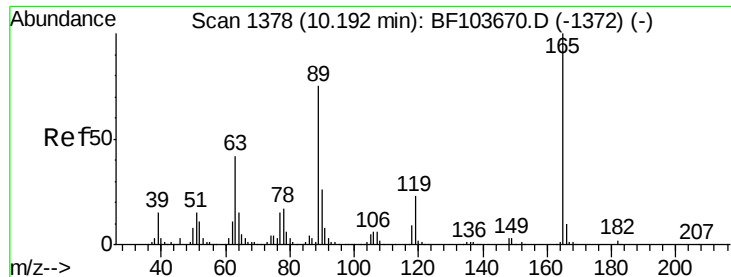
Tot Ion	Ratio	Lower	Upper
65	100		
92	236.8	55.8	83.6#
138	34.2	91.2	136.8#



#50
 2,6-Dinitrotoluene
 Concen: 12.026 ng
 RT: 10.00 min Scan# 1346
 Delta R.T. 0.21 min
 Lab File: BF103689.D
 Acq: 16 Mar 2018 11:57

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	44.7	67.1#
89	1.7	44.0	66.0#

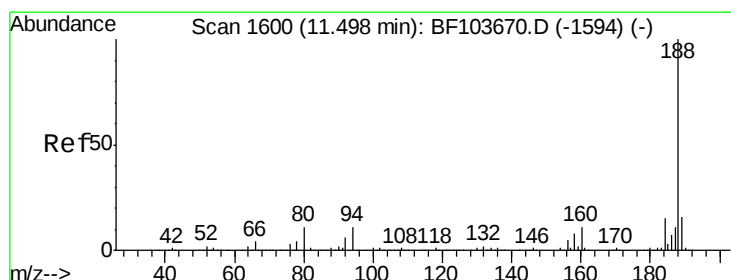
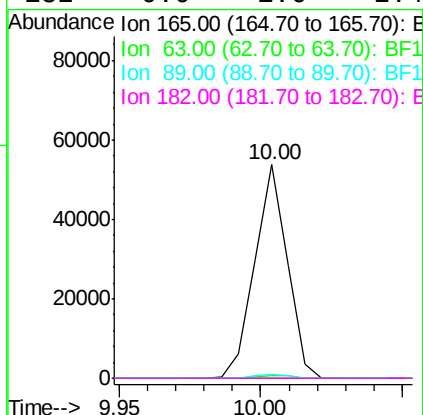
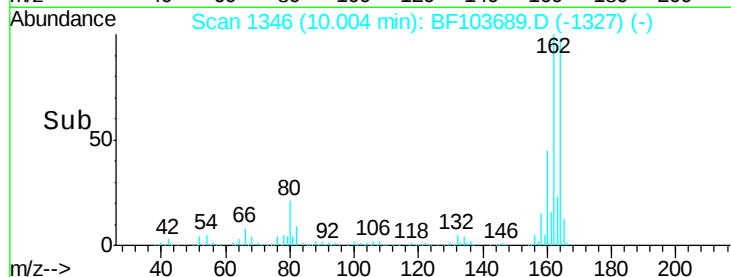
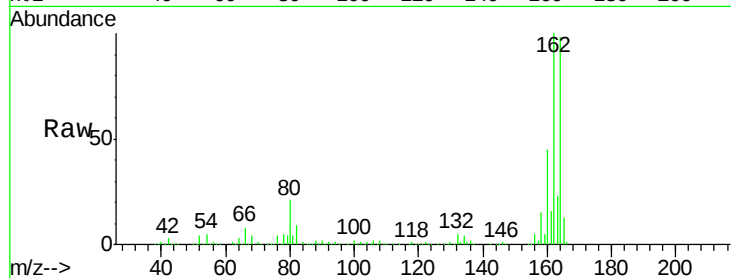




#56
2,4-Dinitrotoluene
Concen: 12.240 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.19 min
Lab File: BF103689.D
Acq: 16 Mar 2018 11:57

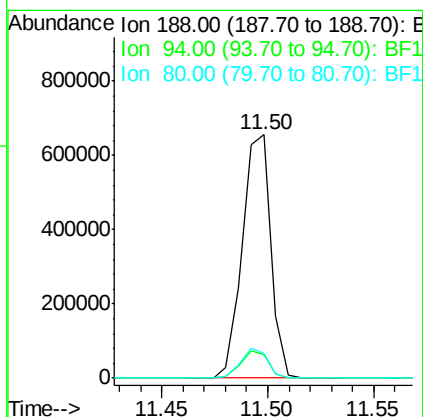
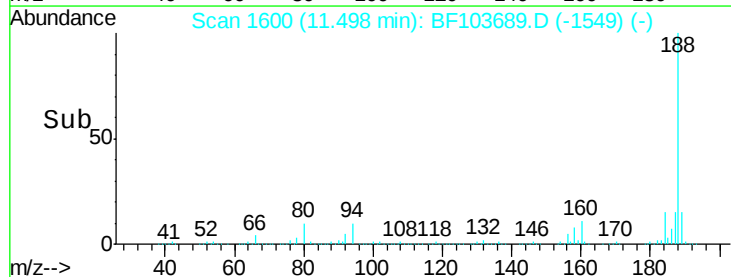
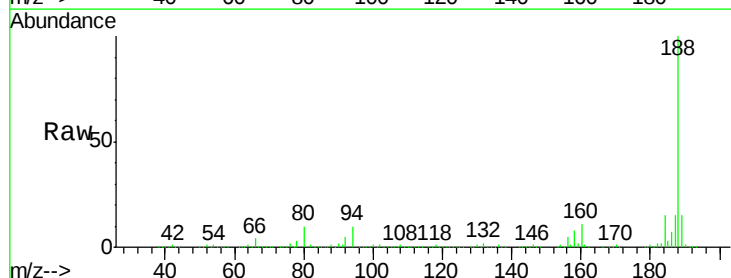
Instrument :
BNA_F
ClientSampleId :

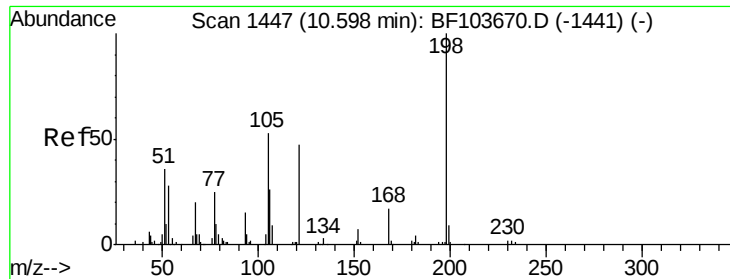
Tot Ion:165 Resp: 43097
Ion Ratio Lower Upper
165 100
63 1.0 36.4 54.6#
89 1.7 57.8 86.6#
182 0.0 1.6 2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BF103689.D
Acq: 16 Mar 2018 11:57

Tgt Ion:188 Resp: 612748
Ion Ratio Lower Upper
188 100
94 9.9 8.5 12.7
80 10.4 9.2 13.8

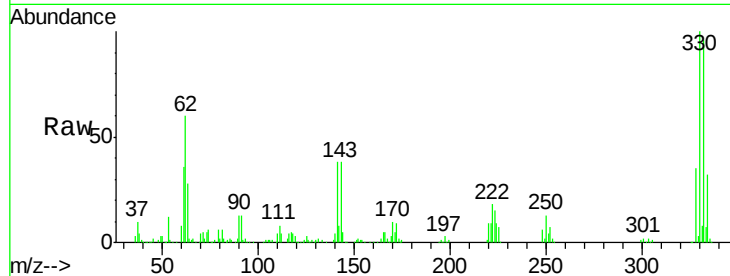




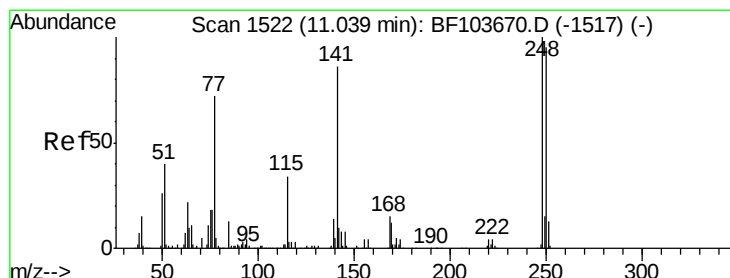
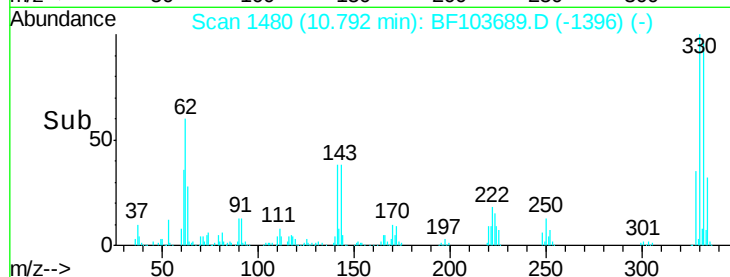
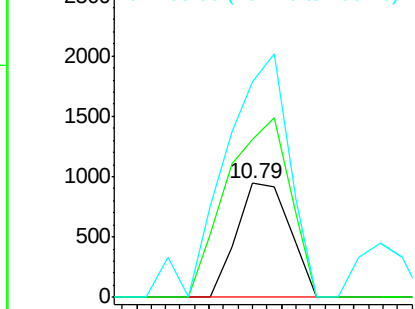
#64
4,6-Dinitro-2-methylphenol
Concen: 8.587 ng
RT: 10.79 min Scan# 1480
Delta R.T. 0.19 min
Lab File: BF103689.D
Acq: 16 Mar 2018 11:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 962
Ion Ratio Lower Upper
198 100
51 138.5 37.7 77.7#
105 189.8 36.3 76.3#

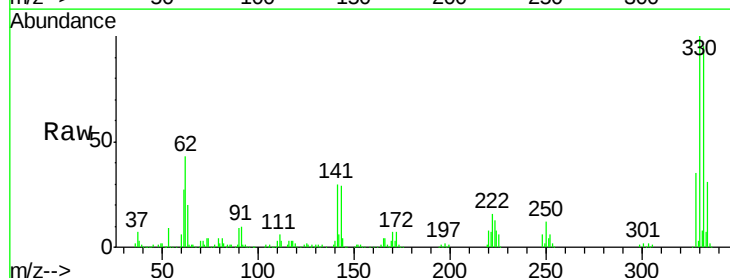


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

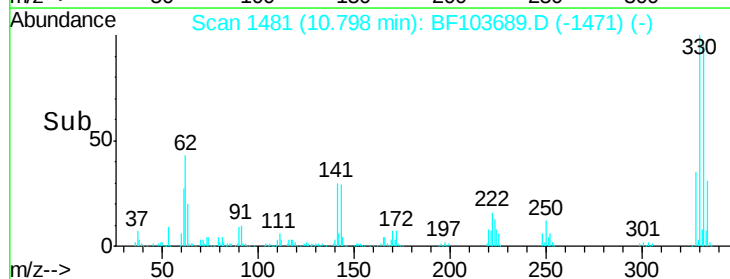
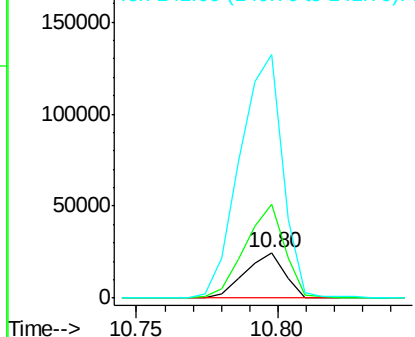


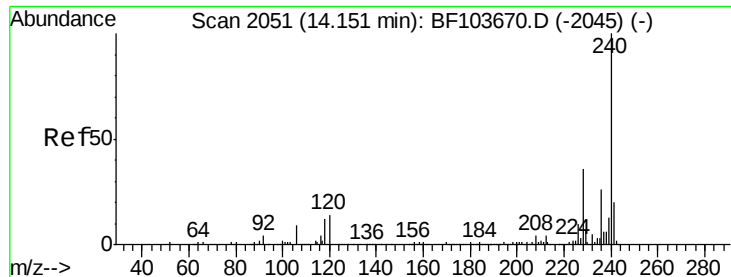
#66
4-Bromophenyl-phenylether
Concen: 3.783 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.24 min
Lab File: BF103689.D
Acq: 16 Mar 2018 11:57

Tgt Ion:248 Resp: 23798
Ion Ratio Lower Upper
248 100
250 206.3 76.9 115.3#
141 534.8 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: BF103689.D

Acq: 16 Mar 2018 11:57

Instrument :

BNA_F

ClientSampleId :

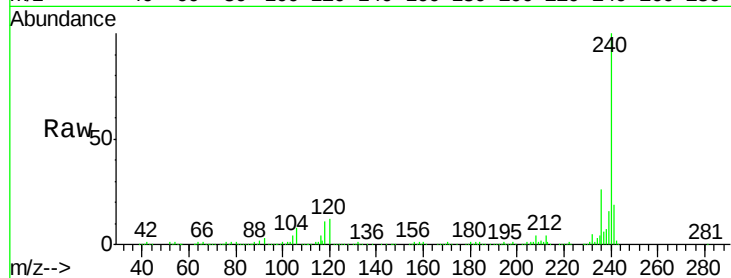
Tot Ion:240 Resp: 548058

Ion Ratio Lower Upper

240 100

120 12.0 9.5 14.3

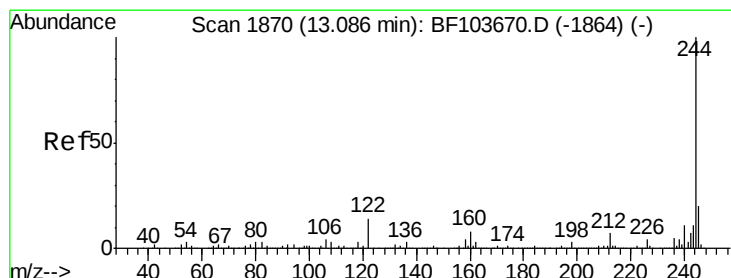
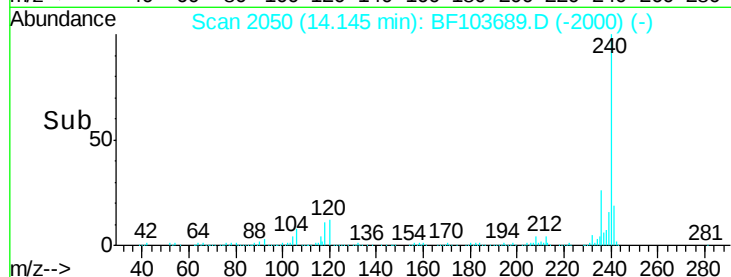
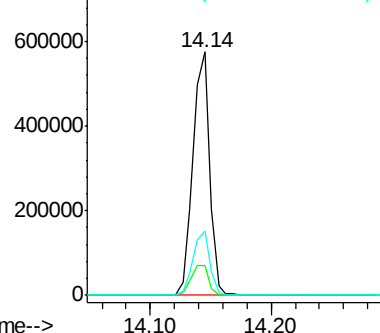
236 26.3 20.7 31.1



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: 81.023 ng

RT: 13.09 min Scan# 1871

Delta R.T. 0.01 min

Lab File: BF103689.D

Acq: 16 Mar 2018 11:57

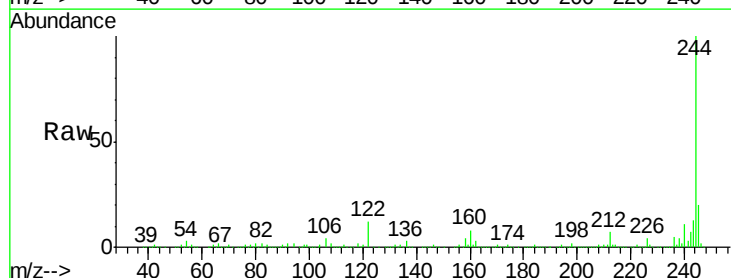
Tgt Ion:244 Resp: 1913085

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

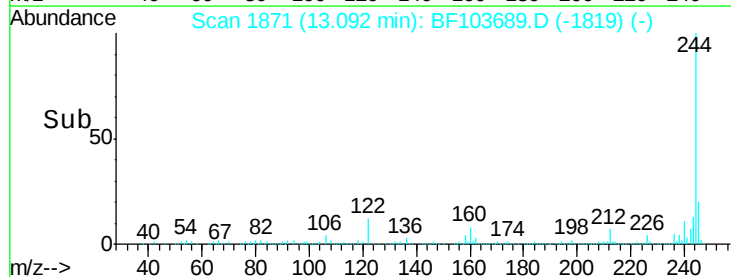
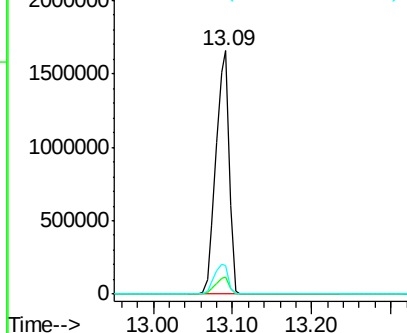
122 12.0 11.0 16.4

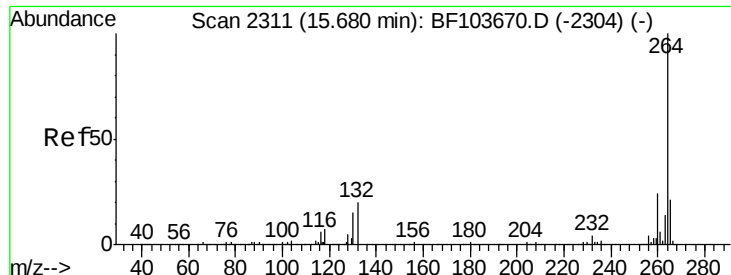


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

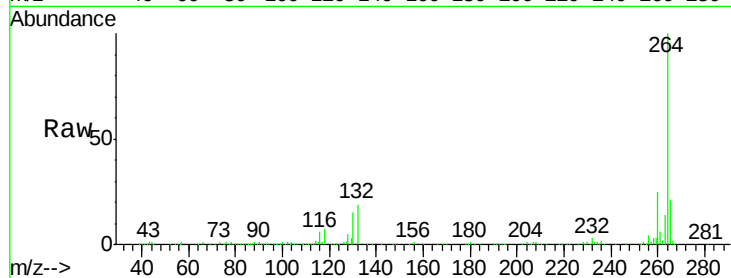




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2311
Delta R.T. 0.01 min
Lab File: BF103689.D
Acq: 16 Mar 2018 11:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 424864
Ion Ratio Lower Upper
264 100
260 24.6 19.2 28.8
265 21.2 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

