

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032618\
 Data File : BF103966.D
 Acq On : 27 Mar 2018 10:19
 Operator : JU/SJ
 Sample : PB107629BL
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 27 11:54:20 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 13:26:17 2018
 Response via : Initial Calibration

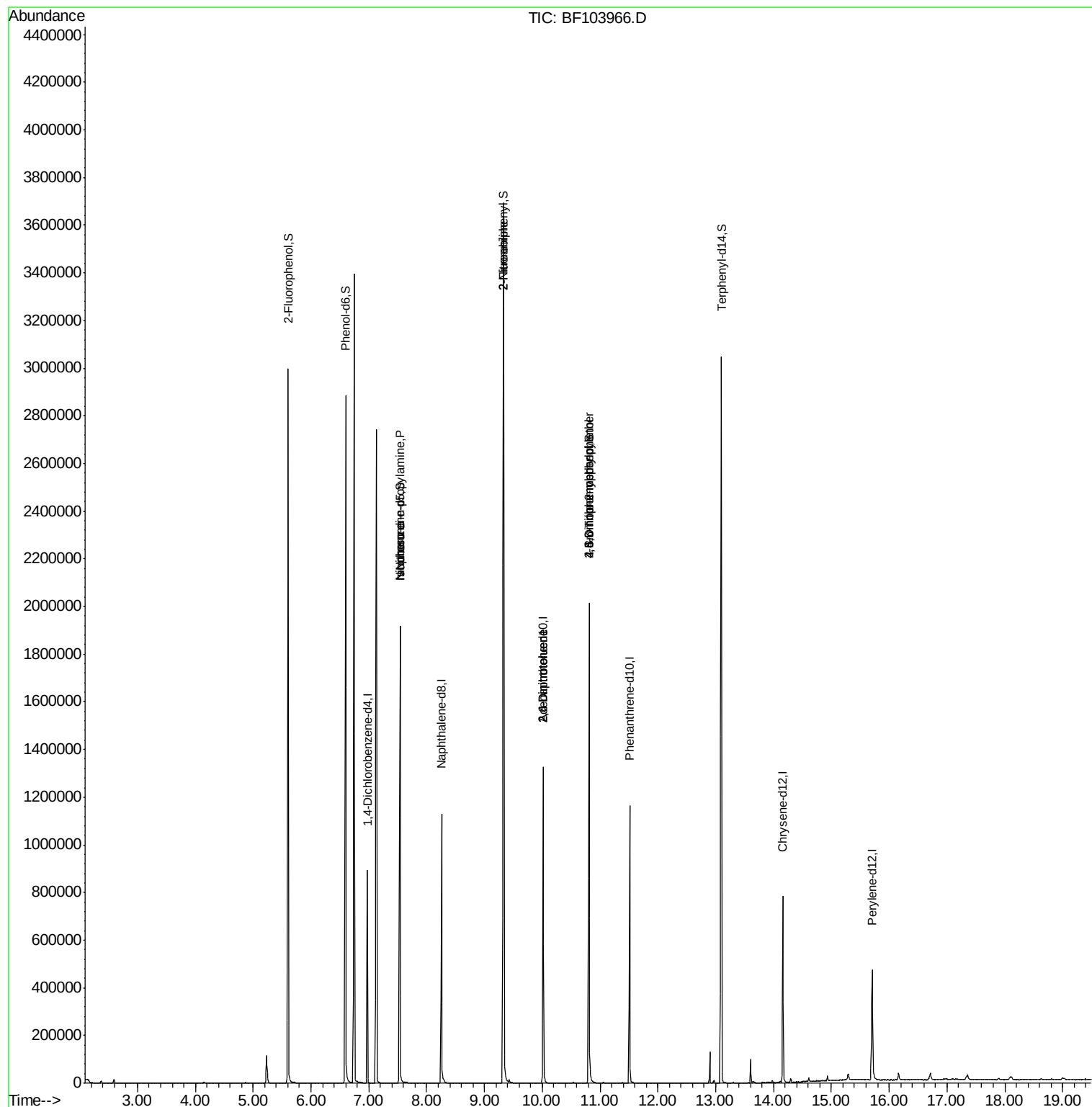
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	142677	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	577356	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	263796	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	432562	20.00	ng	0.00
75) Chrysene-d12	14.16	240	284722	20.00	ng	0.00
86) Perylene-d12	15.71	264	246549	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1016861	108.40	ng	0.01
7) Phenol-d6	6.60	99	1232560	107.40	ng	0.00
23) Nitrobenzene-d5	7.54	82	761056	91.92	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	293286	129.31	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1349326	81.59	ng	0.00
78) Terphenyl-d14	13.10	244	1113000	90.74	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.54	70	97429	13.247	ng	# 72
25) Isophorone	7.54	82	761051	39.709	ng	# 64
47) 2-Nitroaniline	9.33	65	1996	7.189	ng	# 1
50) 2,6-Dinitrotoluene	10.02	165	33369	11.843	ng	# 25
56) 2,4-Dinitrotoluene	10.02	165	33369	12.103	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.81	198	417	8.405	ng	# 1
66) 4-Bromophenyl-phenylether	10.81	248	17449	3.929	ng	# 1

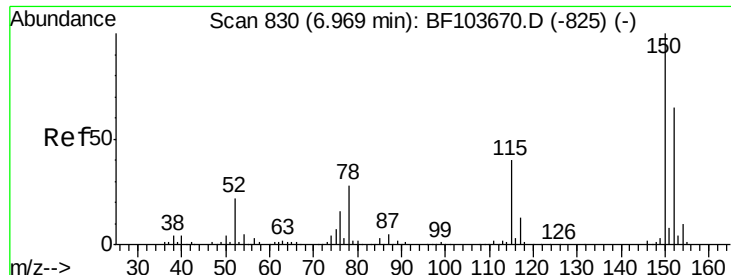
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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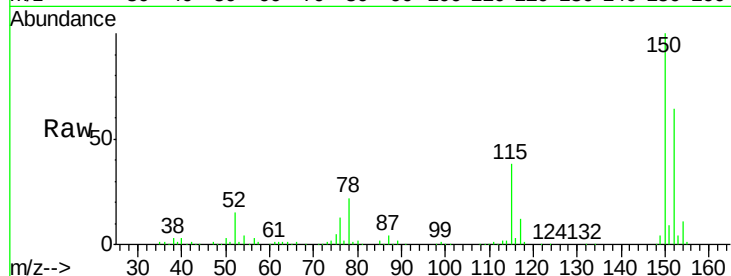


#1

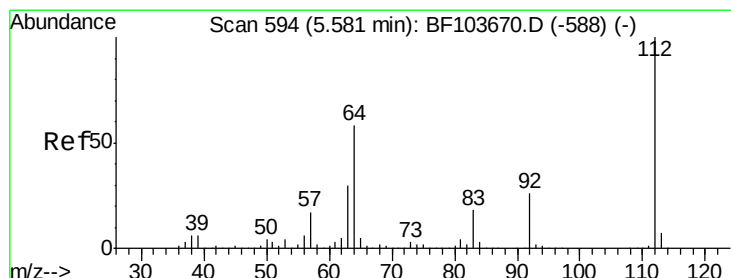
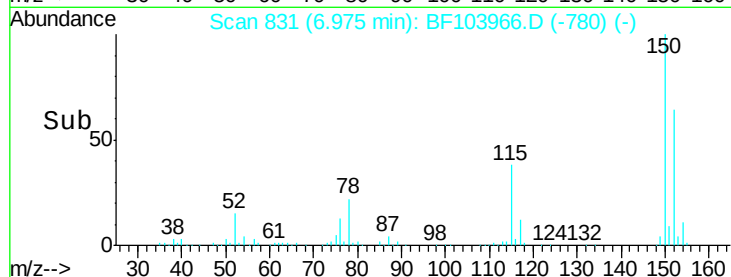
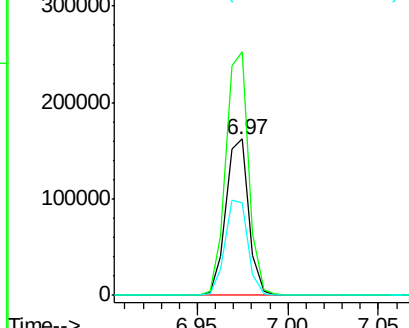
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF103966.D
Acq: 27 Mar 2018 10:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 142677
Ion Ratio Lower Upper
152 100
150 156.0 124.6 186.8
115 59.6 50.1 75.1



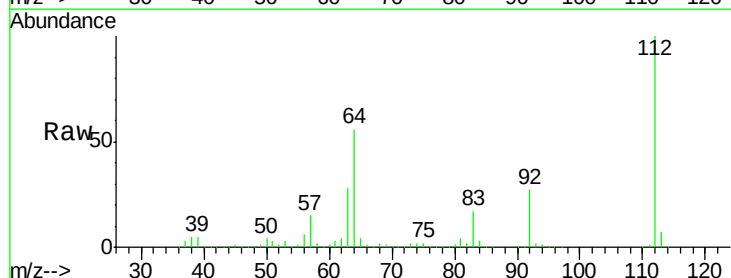
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



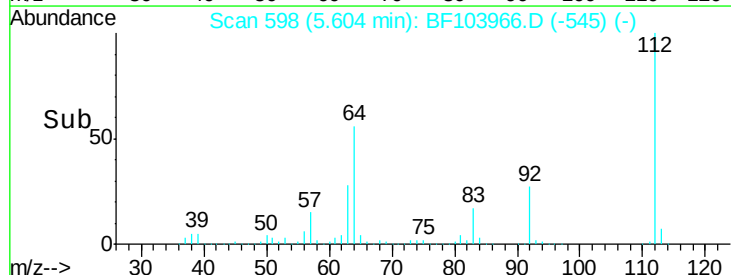
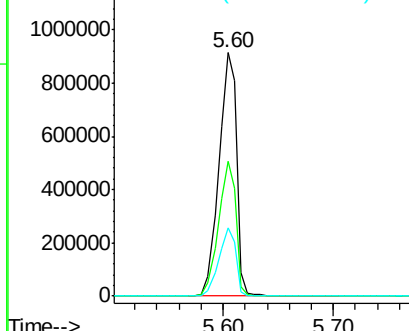
#5

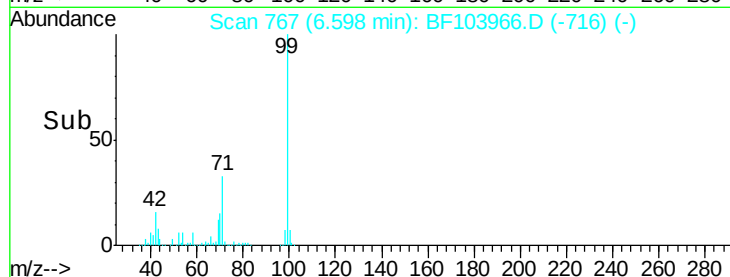
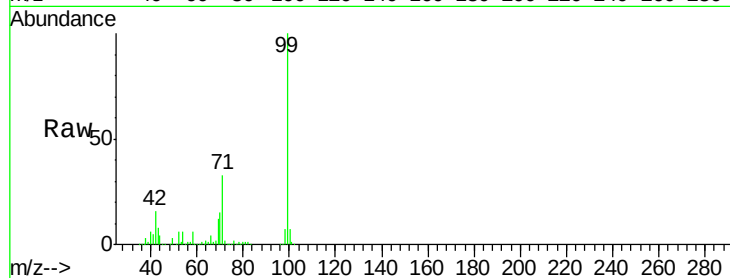
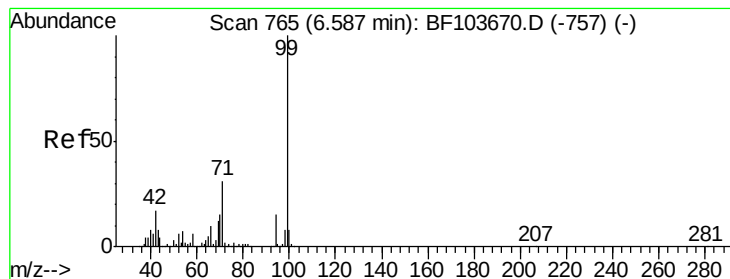
2-Fluorophenol
Concen: 108.401 ng
RT: 5.60 min Scan# 598
Delta R.T. 0.01 min
Lab File: BF103966.D
Acq: 27 Mar 2018 10:19

Tgt Ion:112 Resp: 1016861
Ion Ratio Lower Upper
112 100
64 55.5 47.9 71.9
63 27.8 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: 107.400 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF103966.D

Acq: 27 Mar 2018 10:19

Instrument :

BNA_F

ClientSampled :

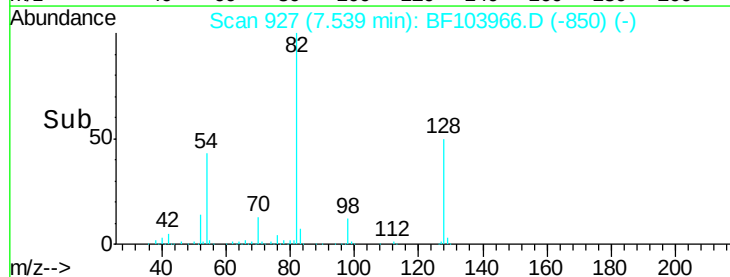
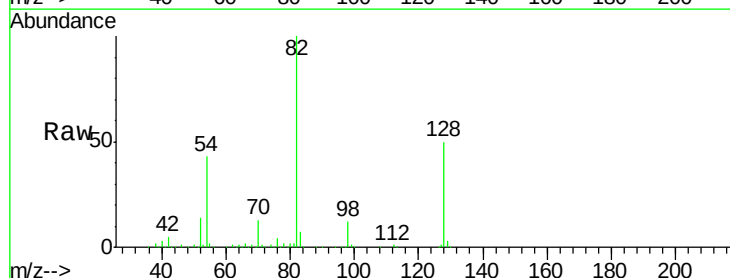
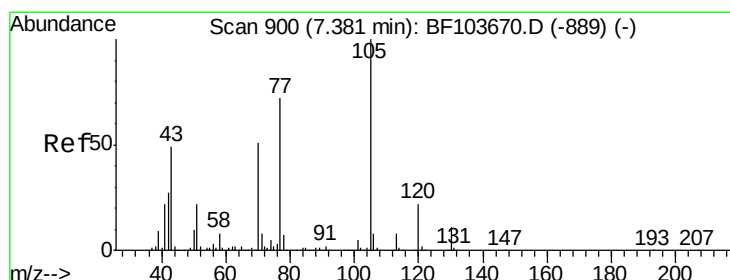
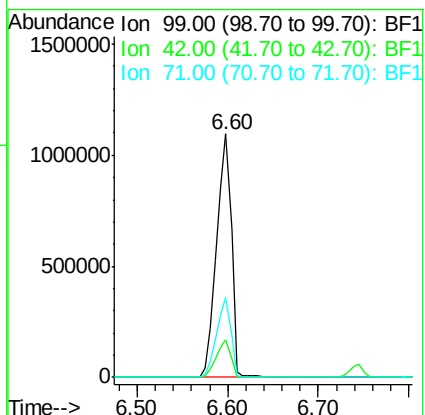
Tot Ion: 99 Resp: 1232560

Ion Ratio Lower Upper

99 100

42 15.5 14.5 21.7

71 32.7 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 13.247 ng

RT: 7.54 min Scan# 927

Delta R.T. 0.15 min

Lab File: BF103966.D

Acq: 27 Mar 2018 10:19

Tgt Ion: 70 Resp: 97429

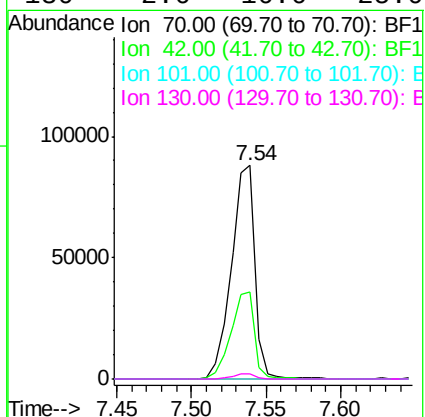
Ion Ratio Lower Upper

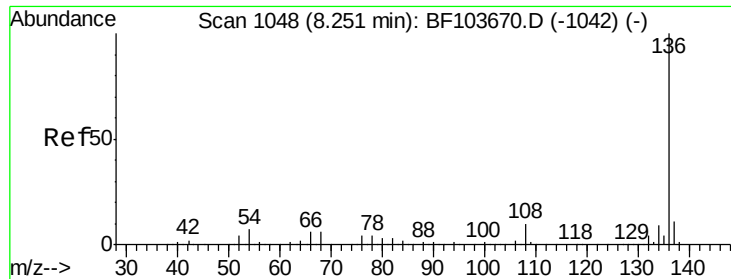
70 100

42 40.6 47.5 71.3#

101 0.0 7.4 11.2#

130 2.6 16.6 25.0#

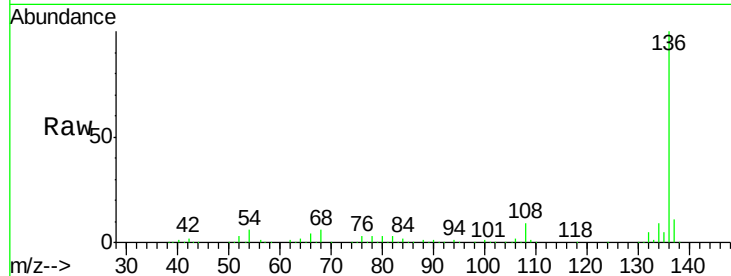




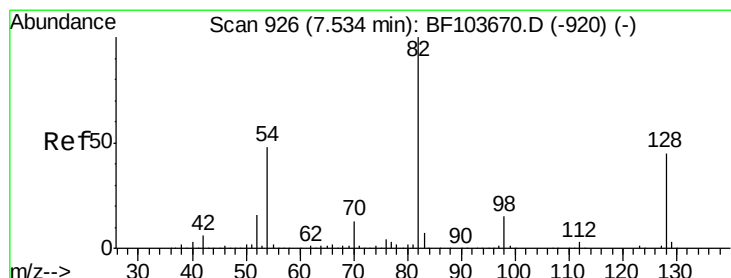
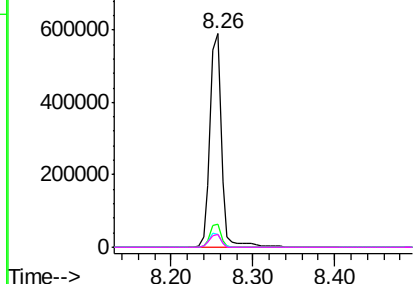
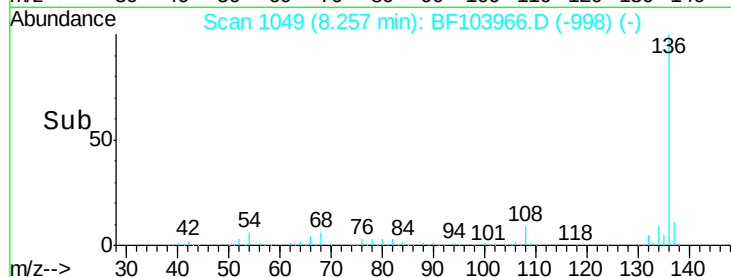
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BF103966.D
Acq: 27 Mar 2018 10:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	577356
Ion	Ratio	Lower Upper
136	100	
137	11.0	8.9 13.3
54	6.2	6.6 9.8#
68	5.9	5.0 7.4

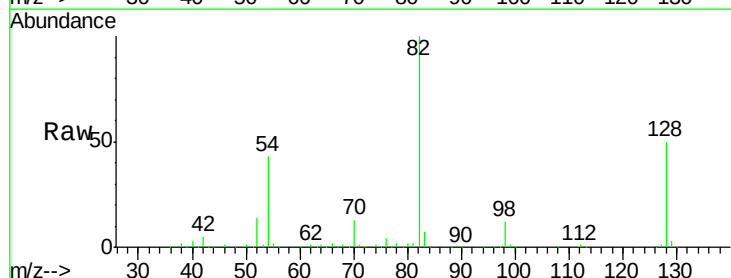


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

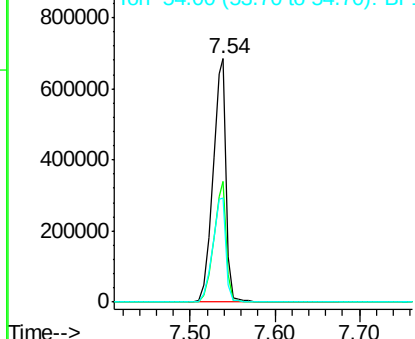
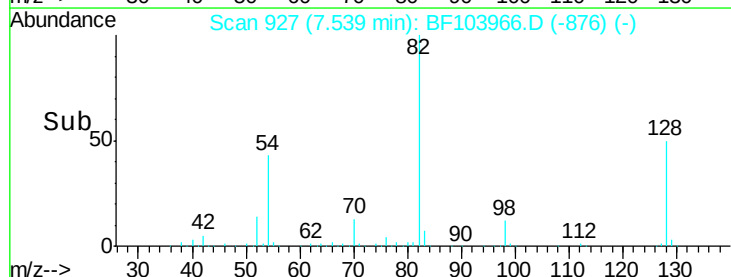


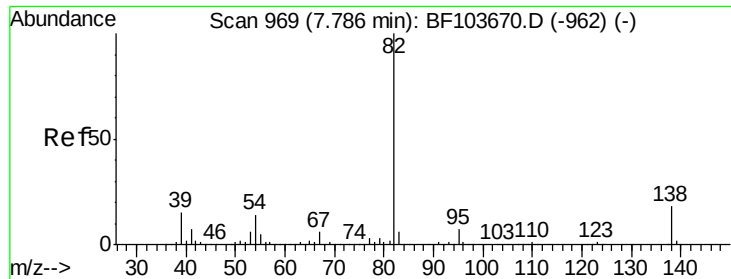
#23
Nitrobenzene-d5
Concen: 91.924 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.00 min
Lab File: BF103966.D
Acq: 27 Mar 2018 10:19

Tgt Ion: 82	Resp:	761056
Ion	Ratio	Lower Upper
82	100	
128	49.9	36.1 54.1
54	42.9	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

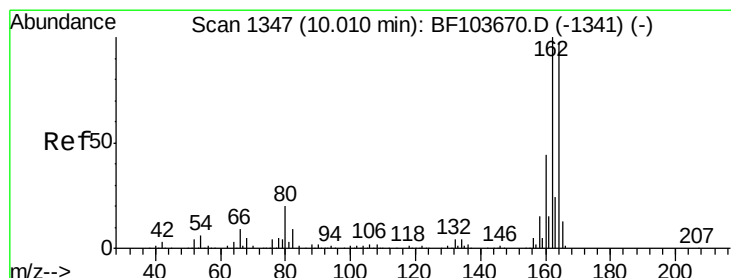
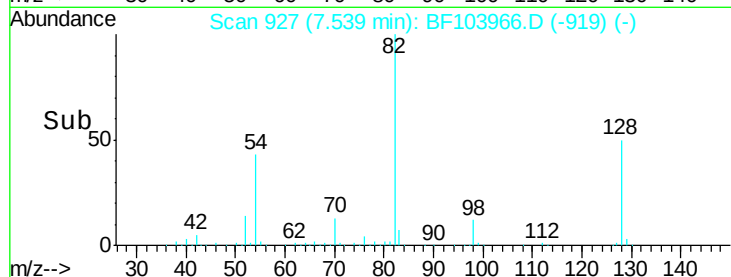
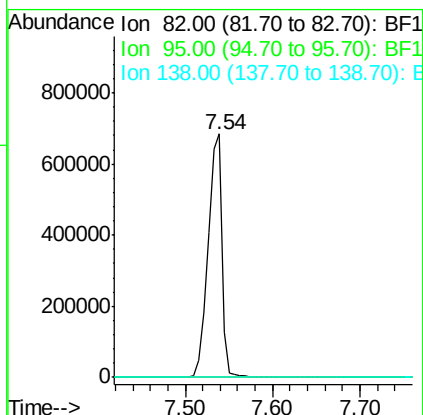
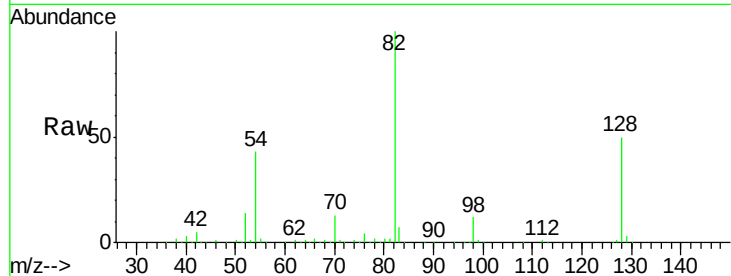




#25
Isophorone
Concen: 39.709 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.25 min
Lab File: BF103966.D
Acq: 27 Mar 2018 10:19

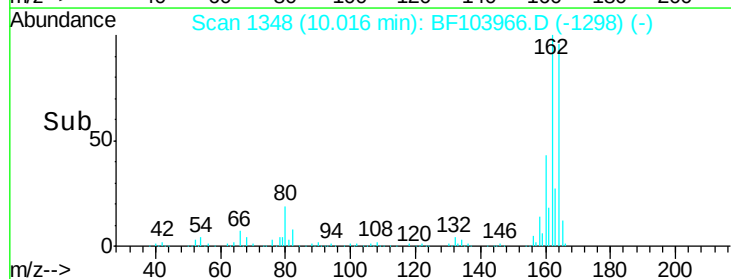
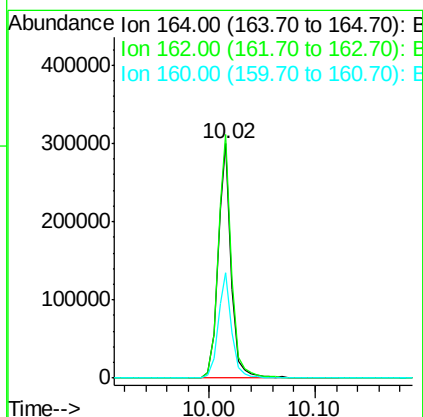
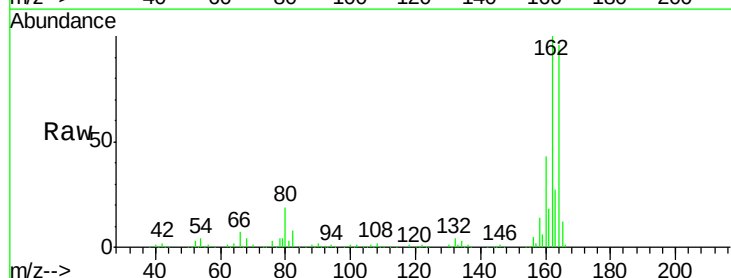
Instrument :
BNA_F
ClientSampled :

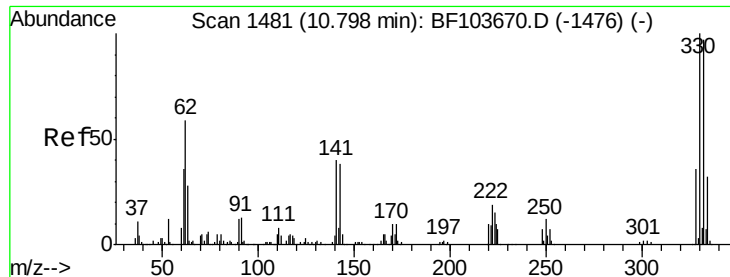
Tot Ion: 82 Resp: 761051
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF103966.D
Acq: 27 Mar 2018 10:19

Tgt Ion:164 Resp: 263796
Ion Ratio Lower Upper
164 100
162 103.9 86.1 129.1
160 44.9 38.3 57.5

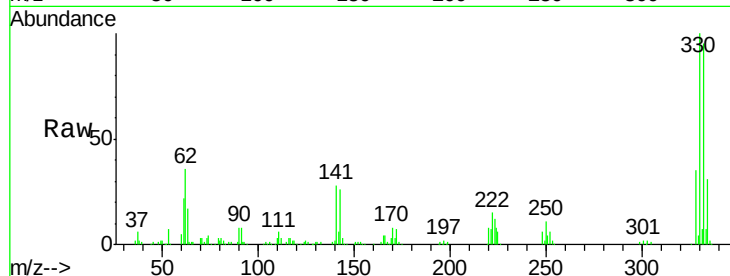




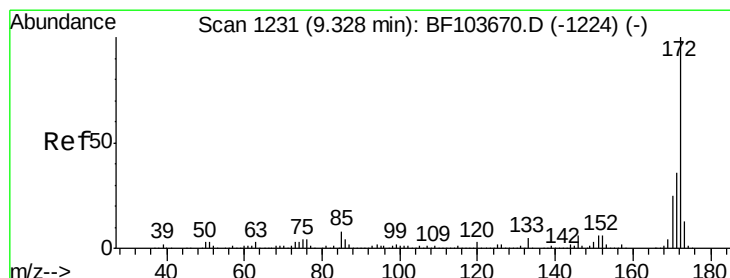
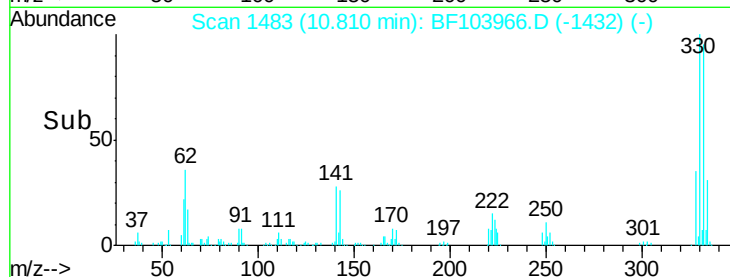
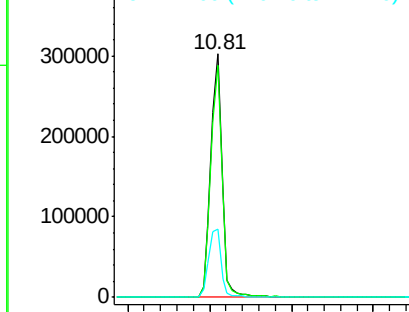
#41
 2,4,6-Tribromophenol
 Concen: 129.307 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. -0.00 min
 Lab File: BF103966.D
 Acq: 27 Mar 2018 10:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	31.1	29.9	44.9

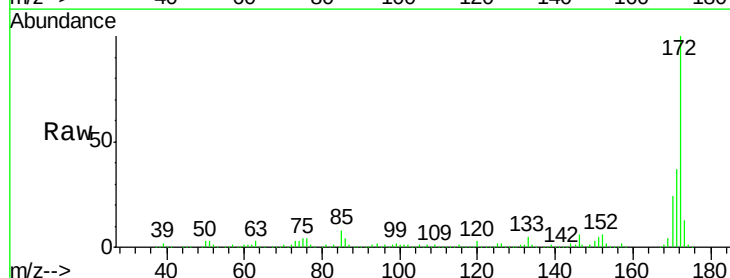


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

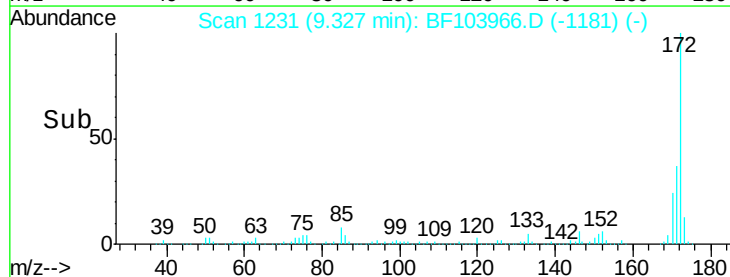
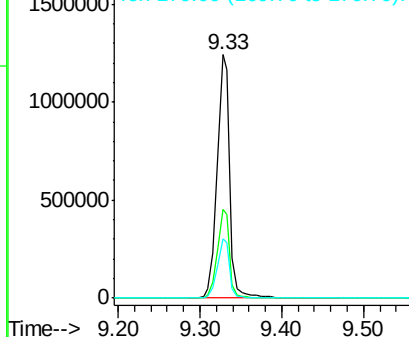


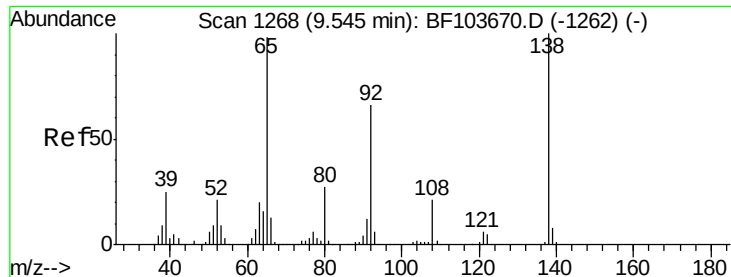
#44
 2-Fluorobiphenyl
 Concen: 81.592 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF103966.D
 Acq: 27 Mar 2018 10:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.4	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

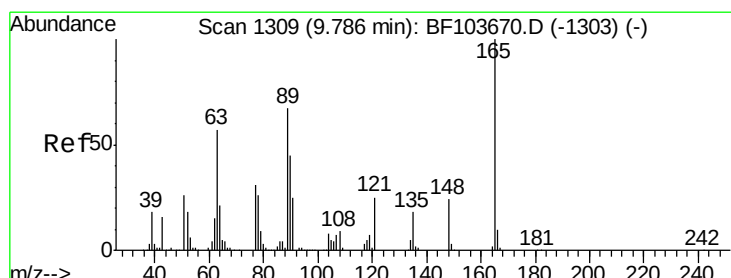
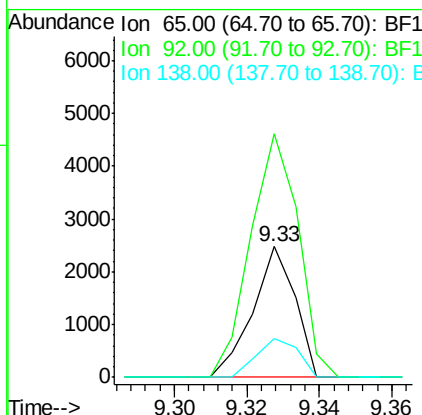
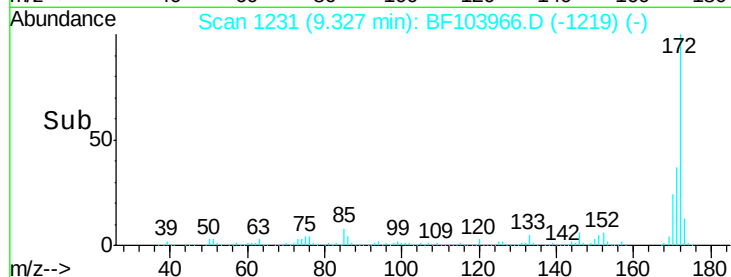
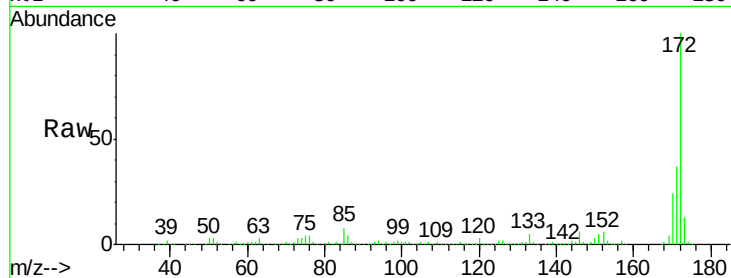




#47
 2-Nitroaniline
 Concen: 7.189 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.23 min
 Lab File: BF103966.D
 Acq: 27 Mar 2018 10:19

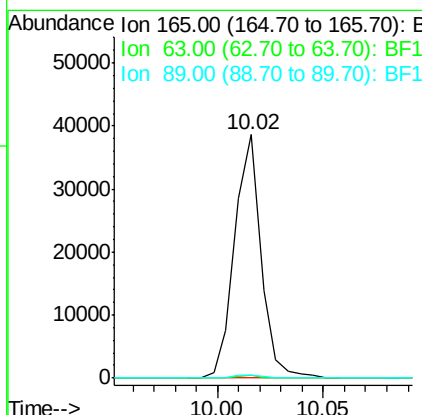
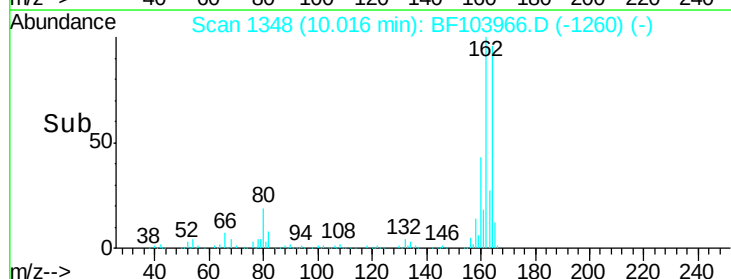
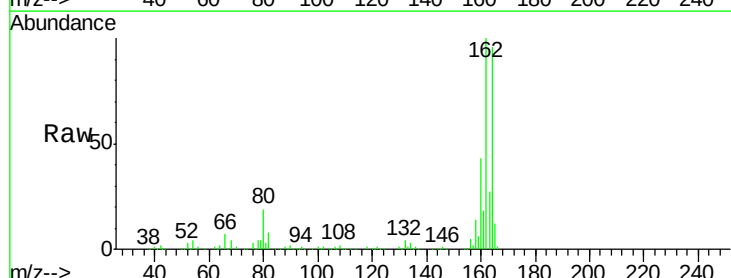
Instrument :
 BNA_F
 ClientSampleId :

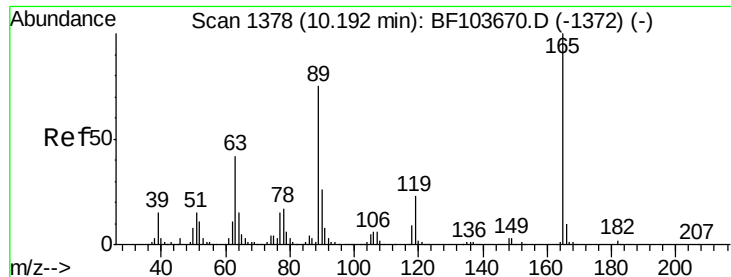
Tot Ion	Ratio	Lower	Upper
65	100		
92	186.2	55.8	83.6#
138	29.3	91.2	136.8#



#50
 2,6-Dinitrotoluene
 Concen: 11.843 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. 0.22 min
 Lab File: BF103966.D
 Acq: 27 Mar 2018 10:19

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	1.2	44.0	66.0#

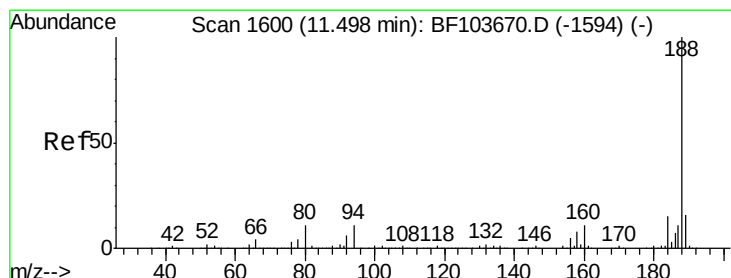
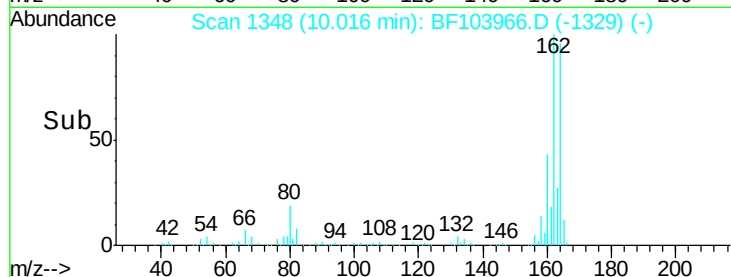
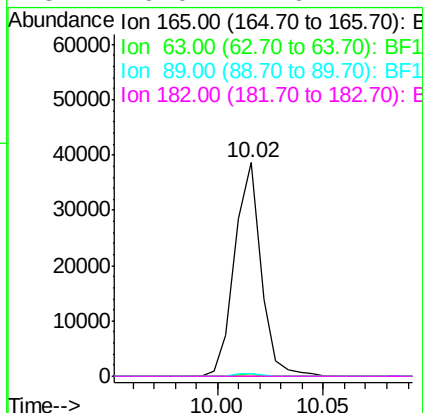
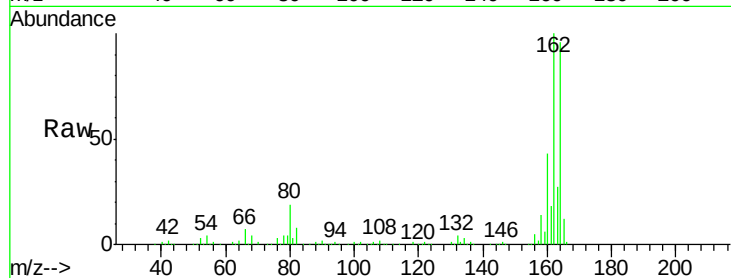




#56
 2,4-Dinitrotoluene
 Concen: 12.103 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.19 min
 Lab File: BF103966.D
 Acq: 27 Mar 2018 10:19

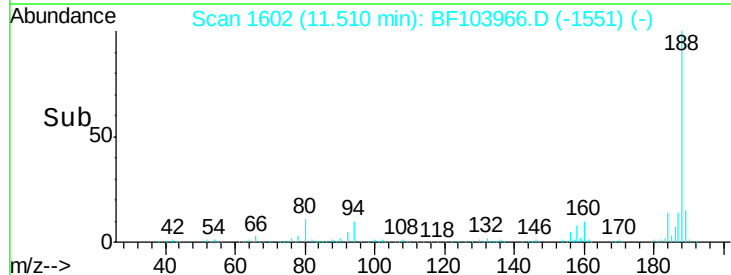
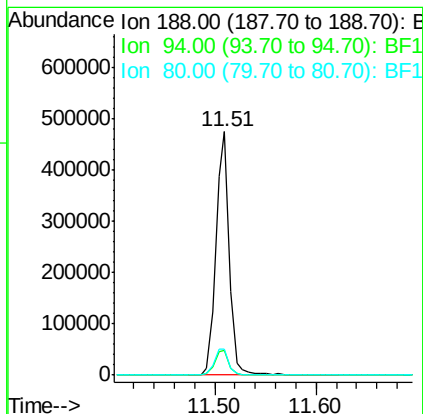
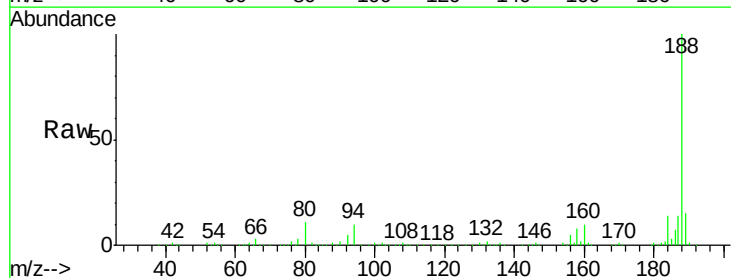
Instrument :
 BNA_F
 ClientSampleId :

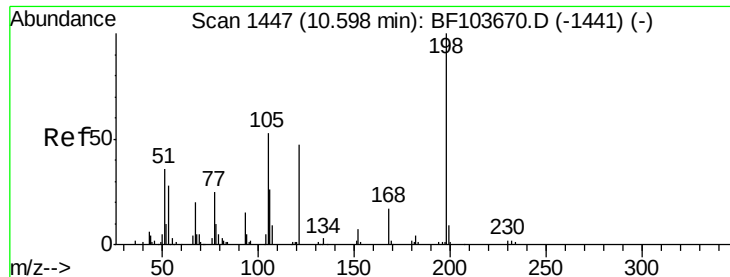
Tot Ion:165 Resp: 33369
 Ion Ratio Lower Upper
 165 100
 63 1.3 36.4 54.6#
 89 1.2 57.8 86.6#
 182 0.0 1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.51 min Scan# 1602
 Delta R.T. -0.00 min
 Lab File: BF103966.D
 Acq: 27 Mar 2018 10:19

Tgt Ion:188 Resp: 432562
 Ion Ratio Lower Upper
 188 100
 94 9.9 8.5 12.7
 80 10.6 9.2 13.8

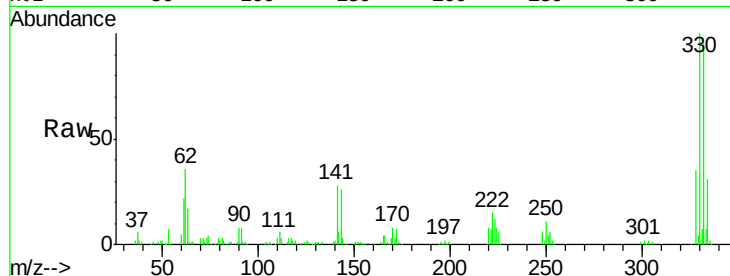




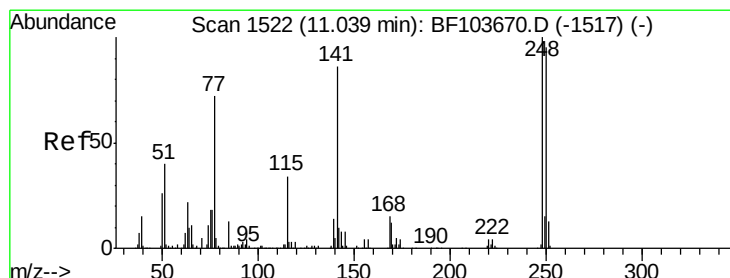
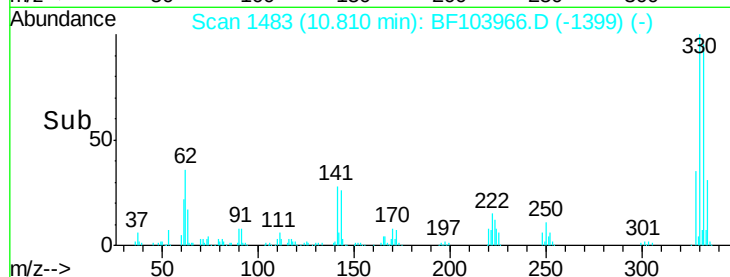
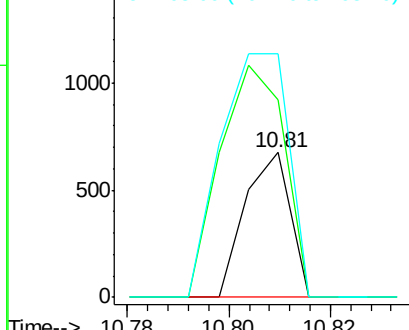
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.405 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. 0.19 min
 Lab File: BF103966.D
 Acq: 27 Mar 2018 10:19

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:198 Resp: 417
 Ion Ratio Lower Upper
 198 100
 51 136.2 37.7 77.7#
 105 167.6 36.3 76.3#

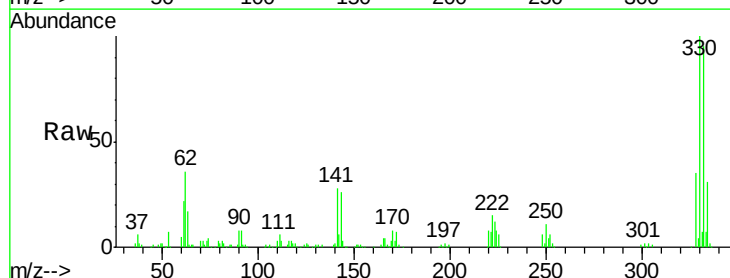


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

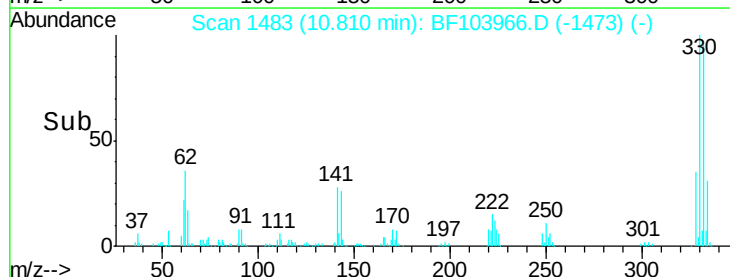
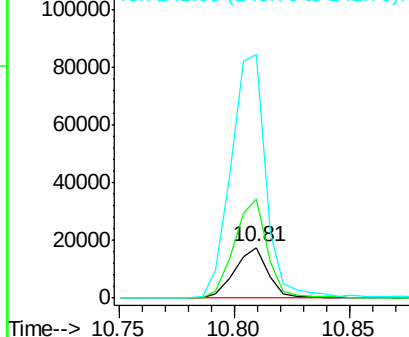


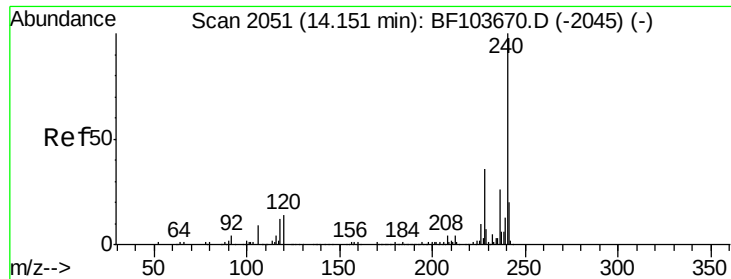
#66
 4-Bromophenyl-phenylether
 Concen: 3.929 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. -0.24 min
 Lab File: BF103966.D
 Acq: 27 Mar 2018 10:19

Tgt Ion:248 Resp: 17449
 Ion Ratio Lower Upper
 248 100
 250 194.3 76.9 115.3#
 141 479.8 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

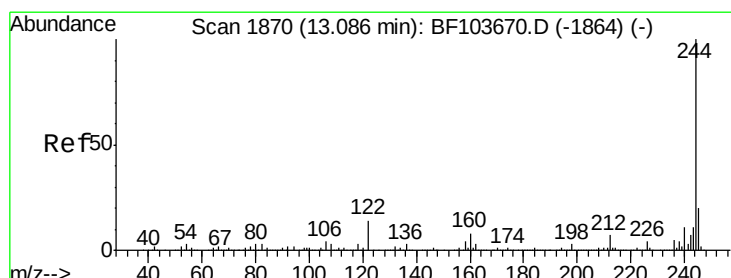
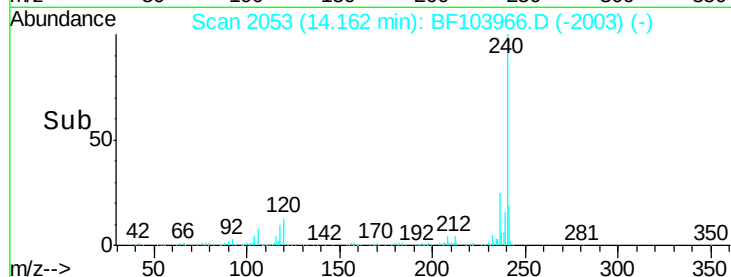
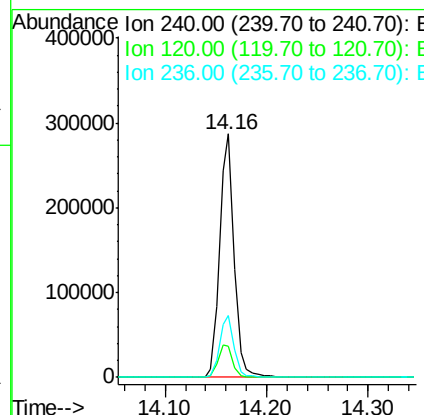
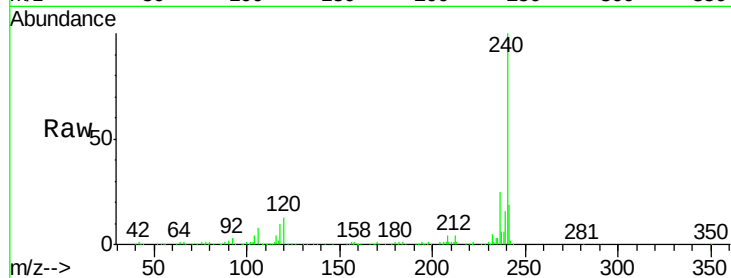




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.16 min Scan# 2053
 Delta R.T. -0.01 min
 Lab File: BF103966.D
 Acq: 27 Mar 2018 10:19

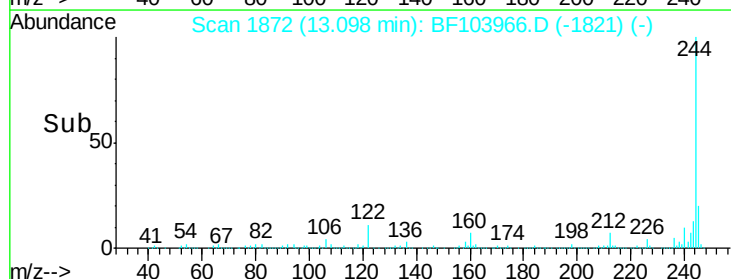
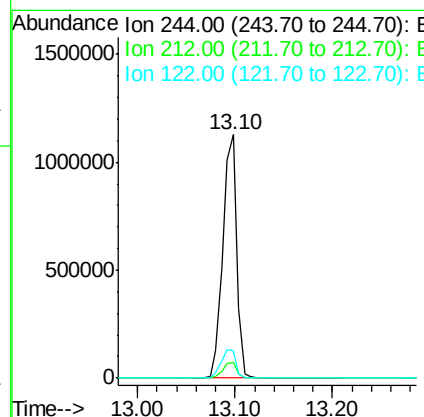
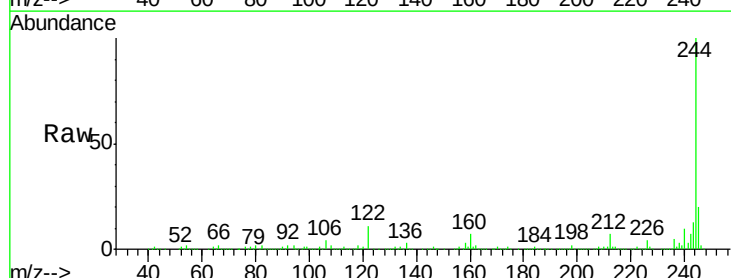
Instrument :
 BNA_F
 ClientSampleId :

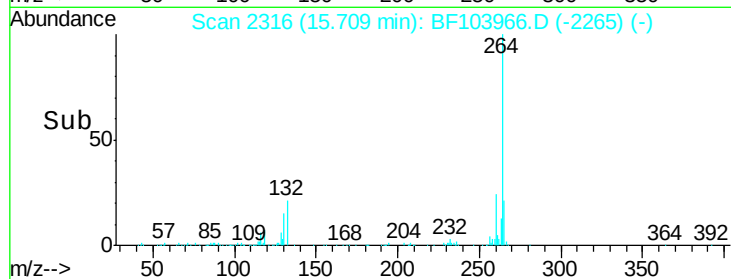
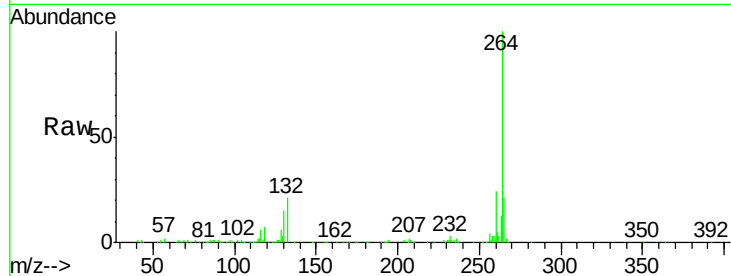
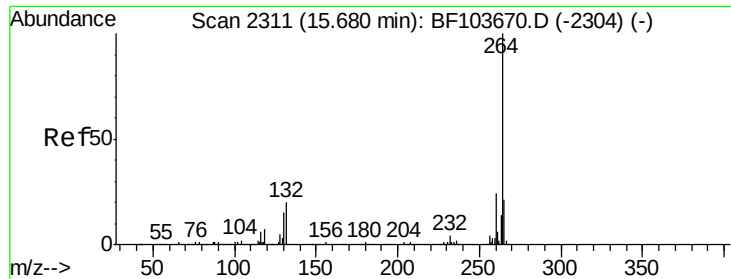
Tot Ion:240 Resp: 284722
 Ion Ratio Lower Upper
 240 100
 120 12.6 9.5 14.3
 236 25.5 20.7 31.1



#78
 Terphenyl-d14
 Concen: 90.735 ng
 RT: 13.10 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: BF103966.D
 Acq: 27 Mar 2018 10:19

Tgt Ion:244 Resp: 1113000
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 11.2 11.0 16.4





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.71 min Scan# 2316
Delta R.T. -0.00 min
Lab File: BF103966.D
Acq: 27 Mar 2018 10:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.0	17.5	26.3

