

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF032218\
 Data File : BF103846.D
 Acq On : 22 Mar 2018 12:21
 Operator : JU/SJ
 Sample : J12003-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 22 15:37:36 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 22 11:56:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	140197	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	569987	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	278726	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	513716	20.00	ng	0.00
75) Chrysene-d12	14.16	240	388569	20.00	ng	0.00
86) Perylene-d12	15.69	264	324547	20.00	ng	0.00

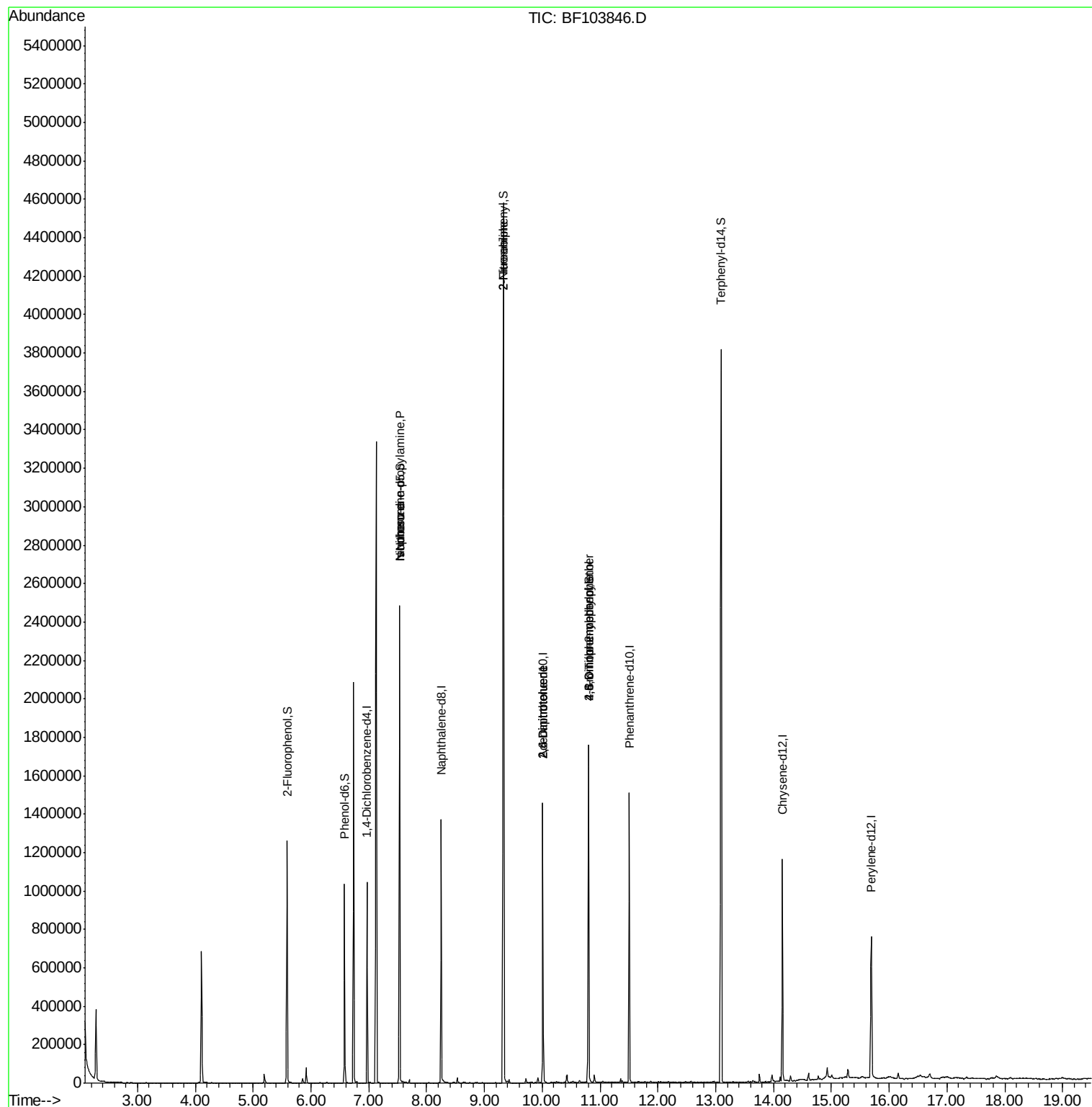
System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	345322	37.46	ng	0.00
7) Phenol-d6	6.58	99	313985	27.84	ng	-0.02
23) Nitrobenzene-d5	7.53	82	868174	106.22	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	228906	95.52	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1499026	85.79	ng	0.00
78) Terphenyl-d14	13.10	244	1508517	90.11	ng	0.00

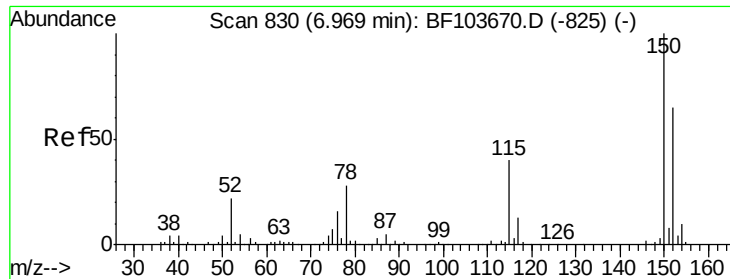
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.53	70	113071	15.646	ng	# 74
25) Isophorone	7.53	82	868166	45.883	ng	# 64
47) 2-Nitroaniline	9.33	65	2474	7.254	ng	# 1
50) 2,6-Dinitrotoluene	10.01	165	35380	11.870	ng	# 26
56) 2,4-Dinitrotoluene	10.01	165	35380	12.123	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.80	198	341	8.315	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	14221	2.696	ng	# 1

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

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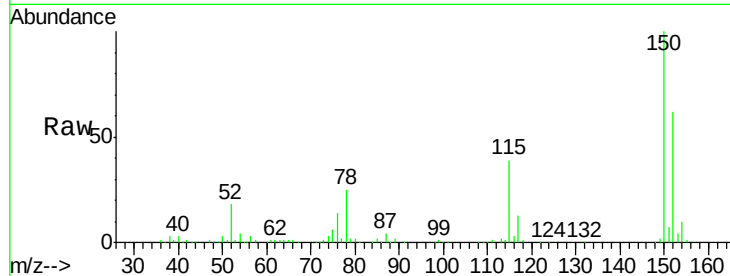




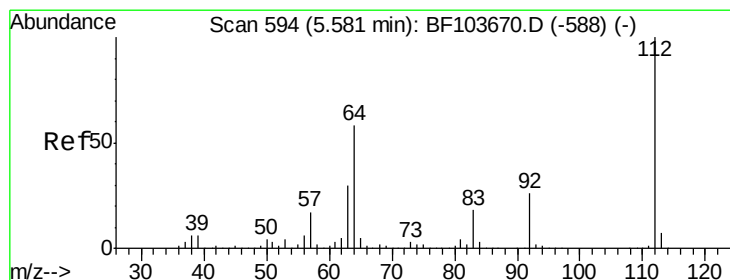
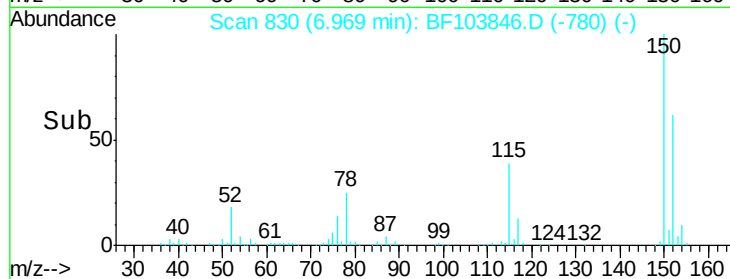
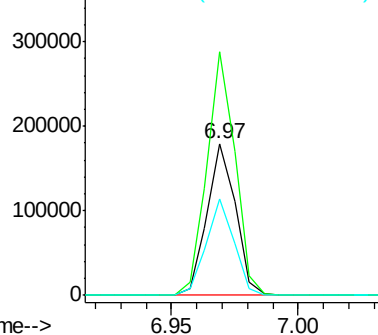
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF103846.D
Acq: 22 Mar 2018 12:21

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.3	124.6	186.8
115	63.3	50.1	75.1



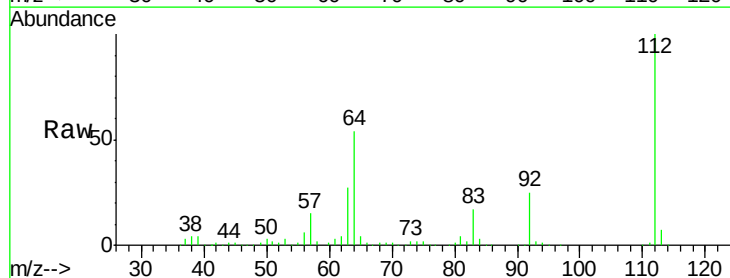
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



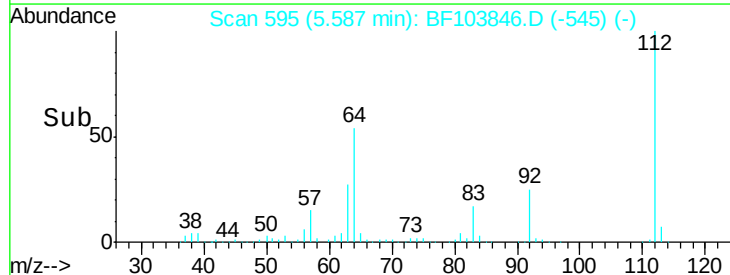
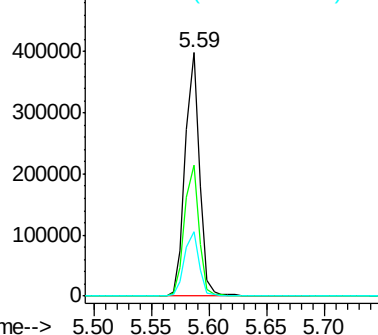
#5

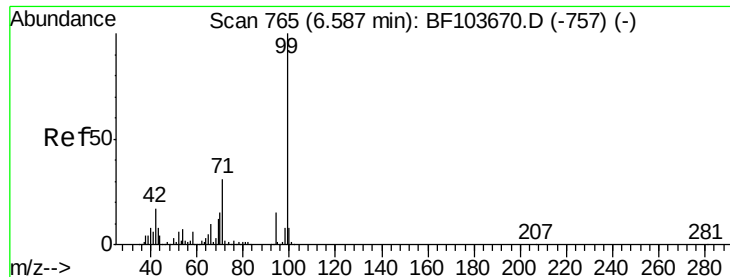
2-Fluorophenol
Concen: 37.464 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF103846.D
Acq: 22 Mar 2018 12:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.8	47.9	71.9
63	26.7	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: 27.843 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF103846.D

Acq: 22 Mar 2018 12:21

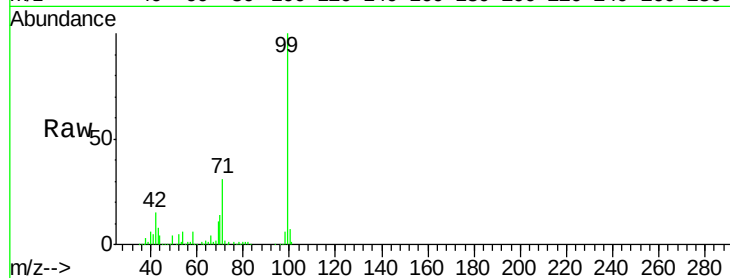
Tot Ion: 99 Resp: 313985

Ion Ratio Lower Upper

99 100

42 14.9 14.5 21.7

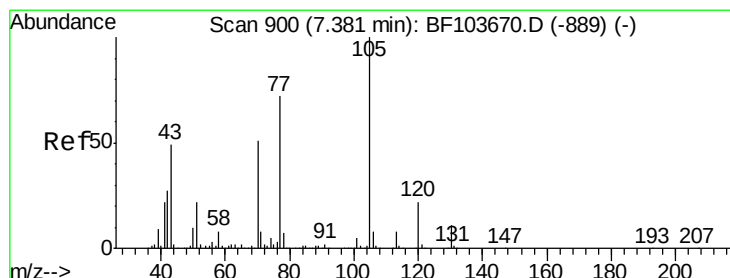
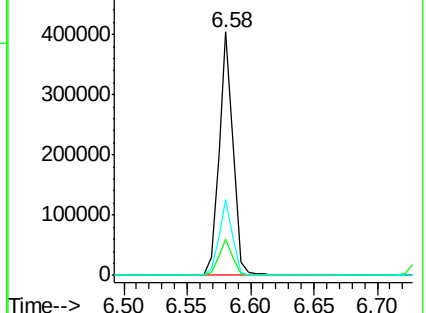
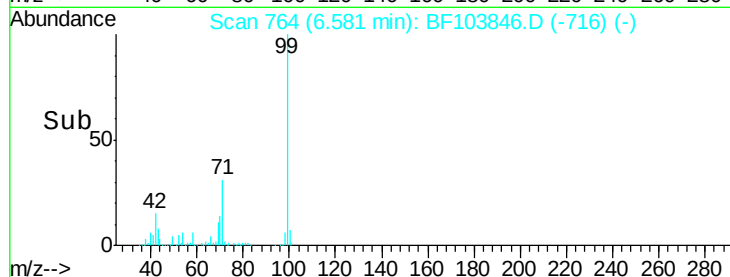
71 31.0 25.4 38.0



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: 15.646 ng

RT: 7.53 min Scan# 926

Delta R.T. 0.15 min

Lab File: BF103846.D

Acq: 22 Mar 2018 12:21

Tgt Ion: 70 Resp: 113071

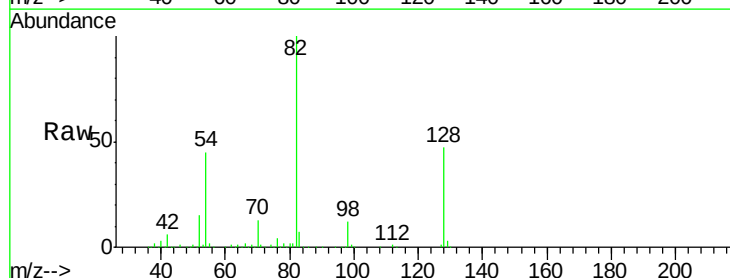
Ion Ratio Lower Upper

70 100

42 42.9 47.5 71.3#

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

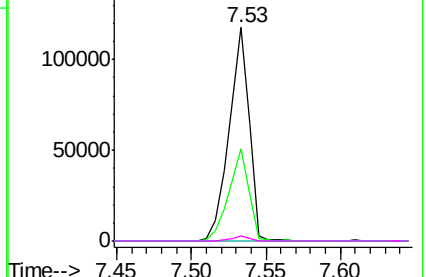
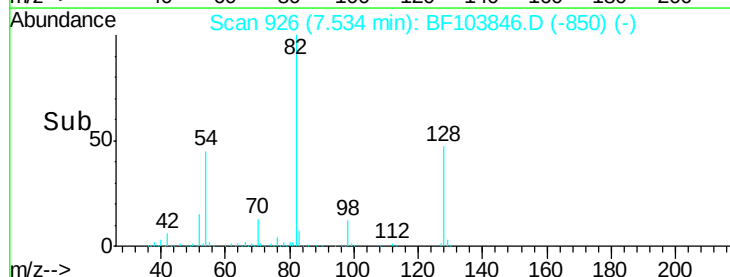


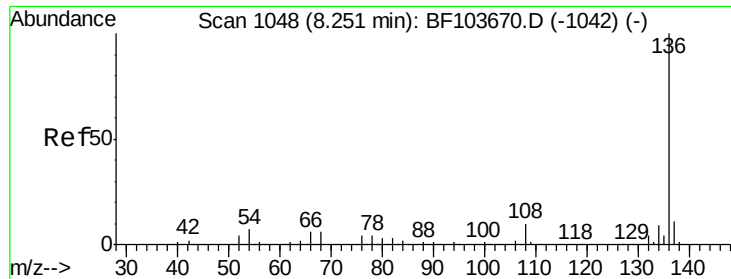
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

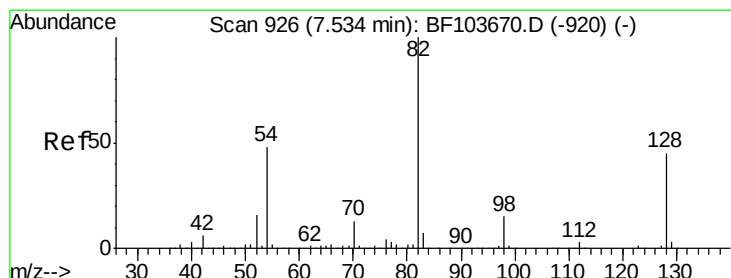
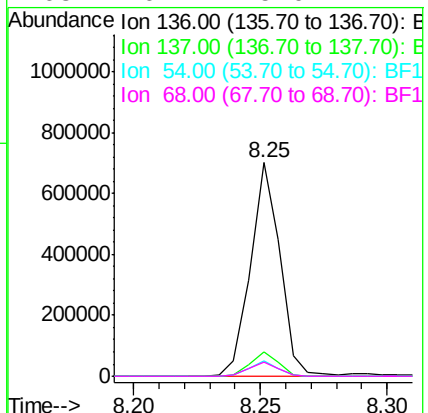
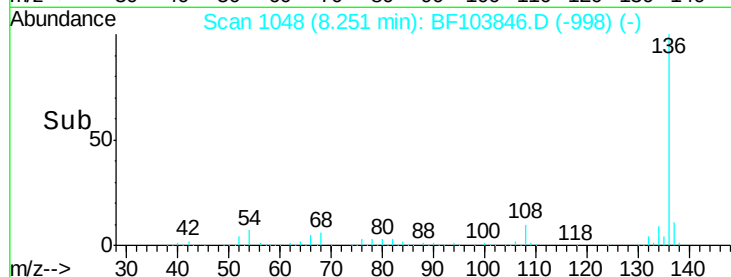
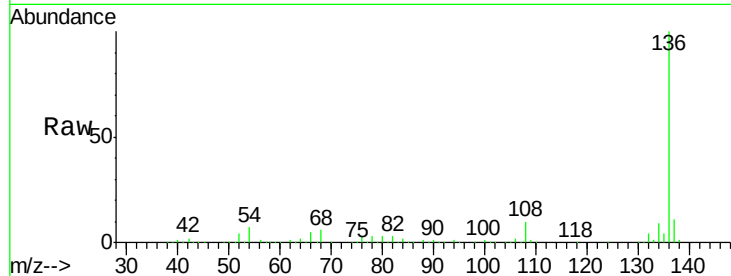
Ion 130.00 (129.70 to 130.70): BF1





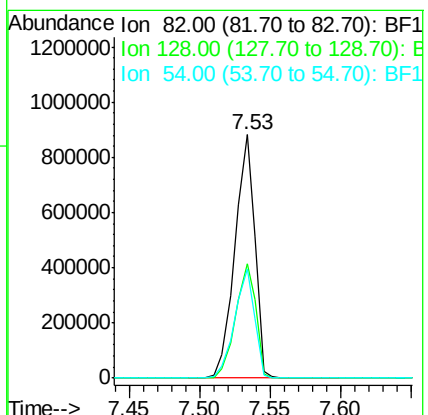
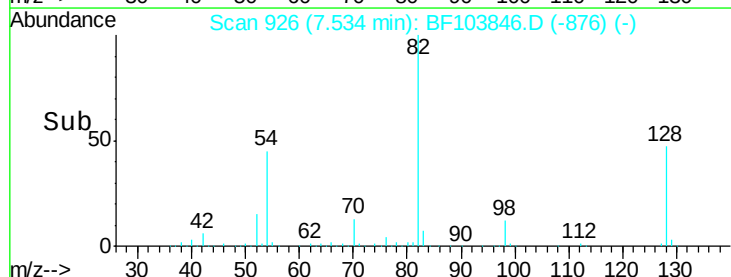
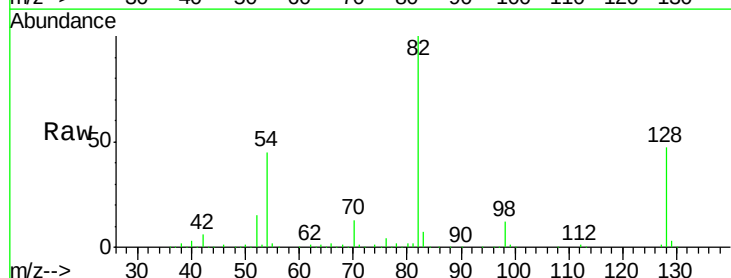
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BF103846.D
Acq: 22 Mar 2018 12:21

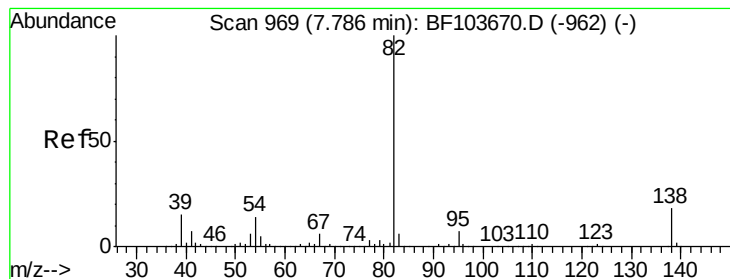
Tot Ion:136	Resp:	569987	
Ion Ratio	Lower	Upper	
136 100			
137 11.3	8.9	13.3	
54 7.4	6.6	9.8	
68 6.4	5.0	7.4	



#23
Nitrobenzene-d5
Concen: 106.218 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF103846.D
Acq: 22 Mar 2018 12:21

Tgt	Ion: 82	Resp:	868174
Ion	Ratio	Lower	Upper
82	100		
128	46.9	36.1	54.1
54	44.9	41.4	62.2





#25

Isophorone

Concen: 45.883 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.26 min

Lab File: BF103846.D

Acq: 22 Mar 2018 12:21

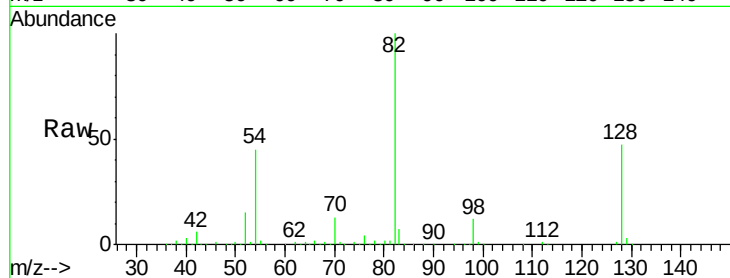
Tot Ion: 82 Resp: 868166

Ion Ratio Lower Upper

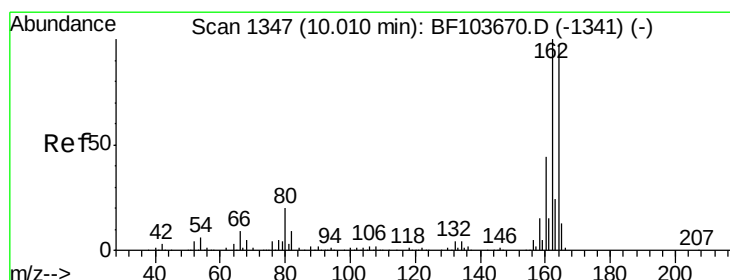
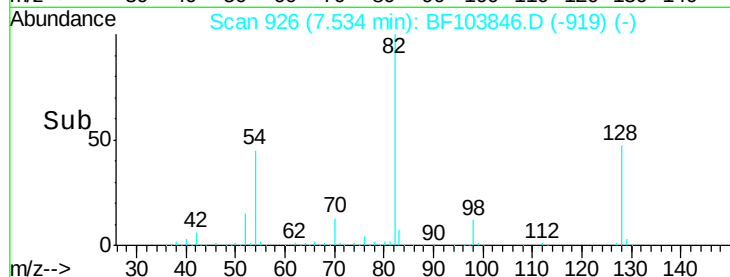
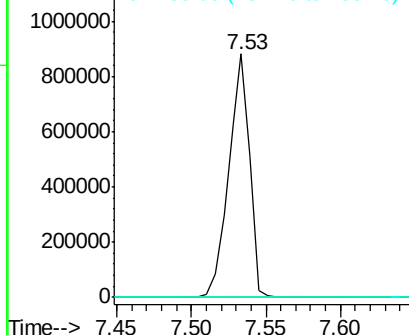
82 100

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. -0.01 min

Lab File: BF103846.D

Acq: 22 Mar 2018 12:21

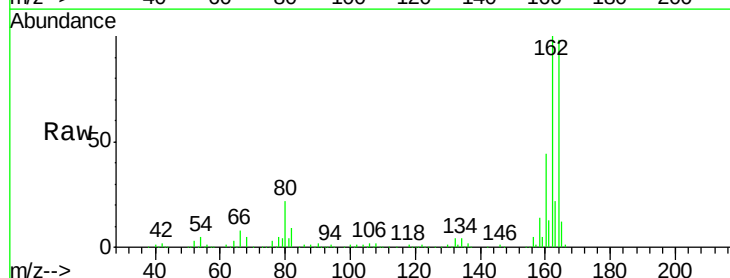
Tgt Ion: 164 Resp: 278726

Ion Ratio Lower Upper

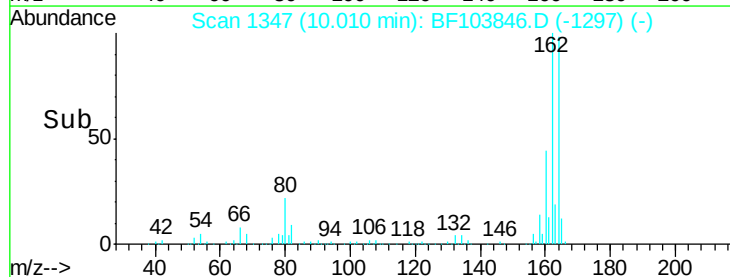
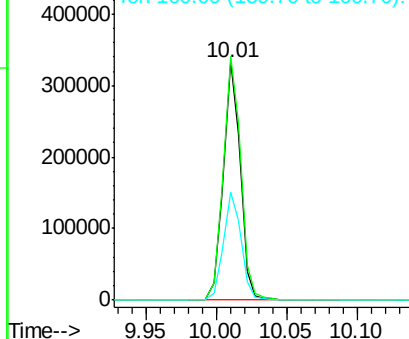
164 100

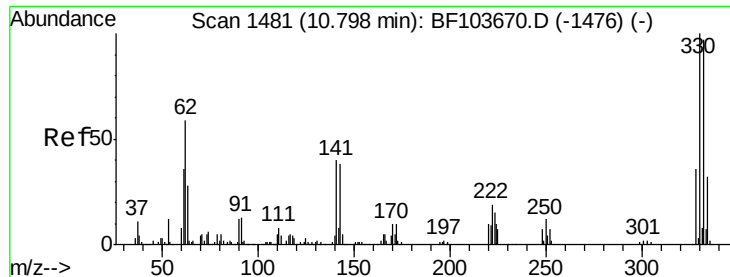
162 102.1 86.1 129.1

160 45.2 38.3 57.5



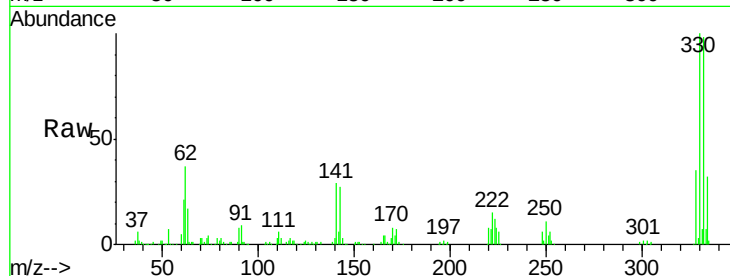
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



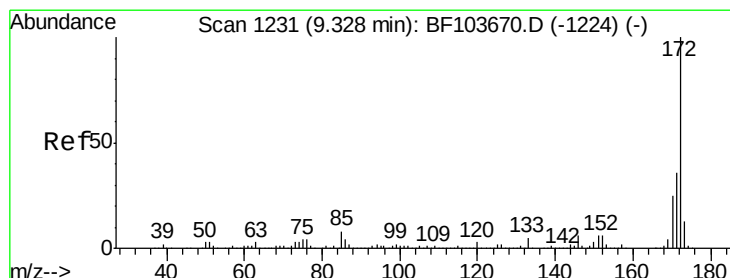
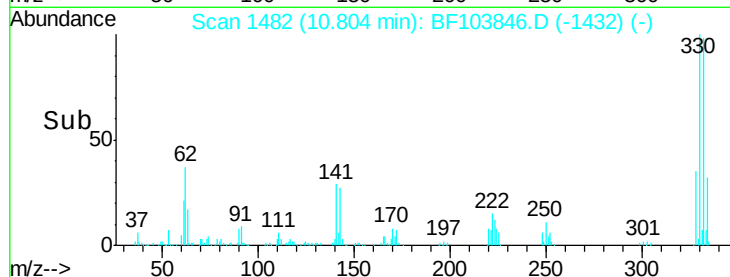
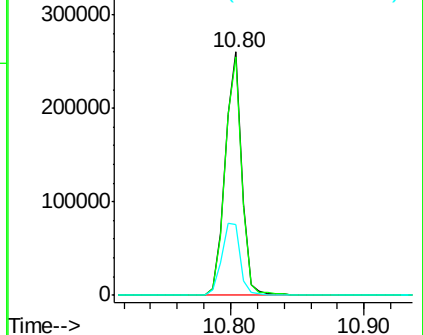


#41
 2,4,6-Tribromophenol
 Concen: 95.517 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF103846.D
 Acq: 22 Mar 2018 12:21

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.0	115.6
141	33.4	29.9	44.9

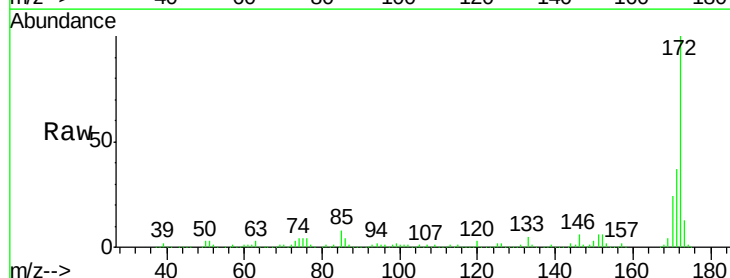


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

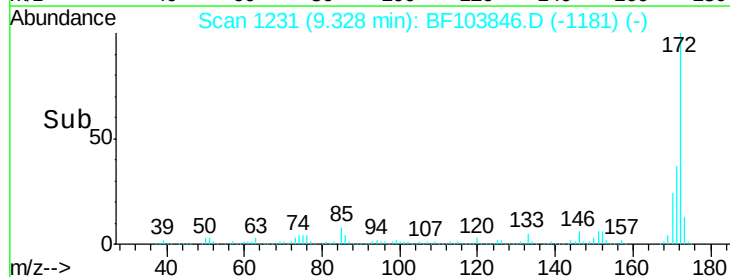
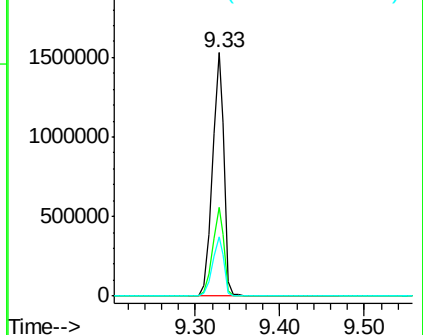


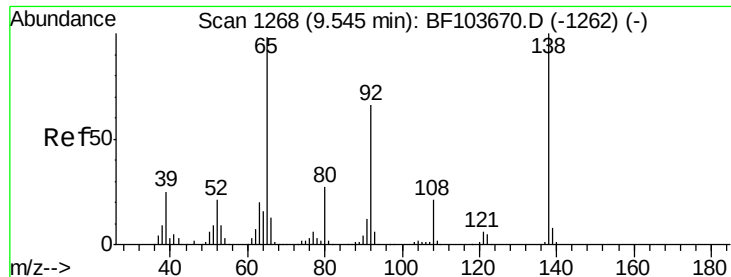
#44
 2-Fluorobiphenyl
 Concen: 85.789 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF103846.D
 Acq: 22 Mar 2018 12:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.4	19.6	29.4



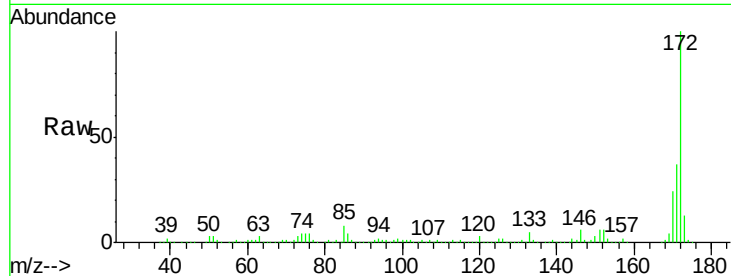
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



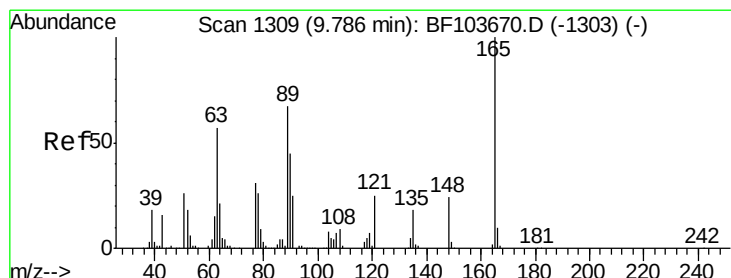
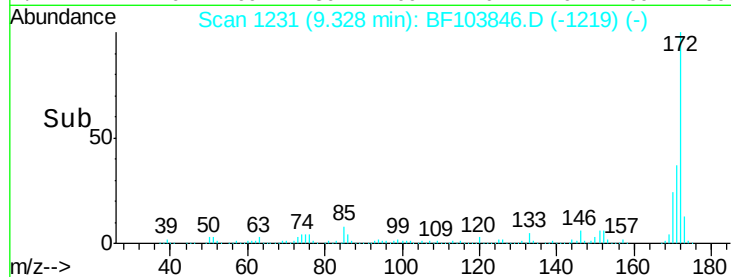
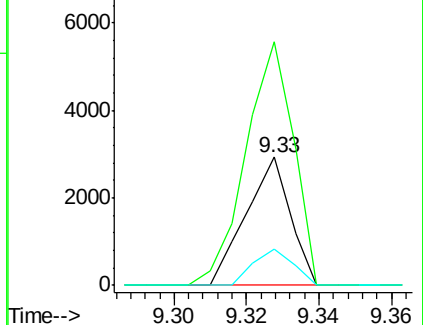


#47
 2-Nitroaniline
 Concen: 7.254 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.23 min
 Lab File: BF103846.D
 Acq: 22 Mar 2018 12:21

Tot Ion	Ratio	Lower	Upper
65	100		
92	190.2	55.8	83.6#
138	28.4	91.2	136.8#

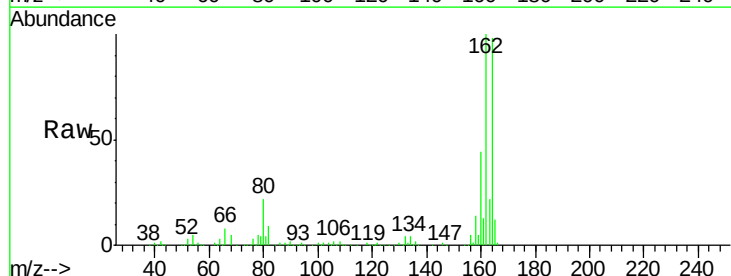


Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): BF1

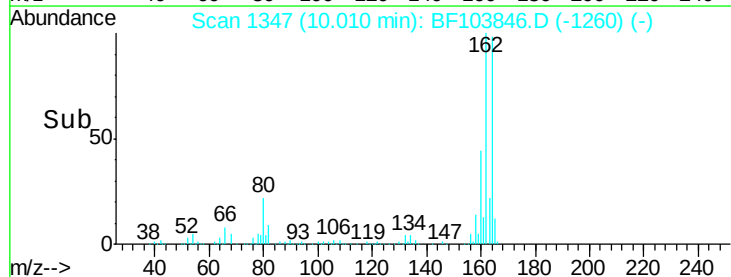
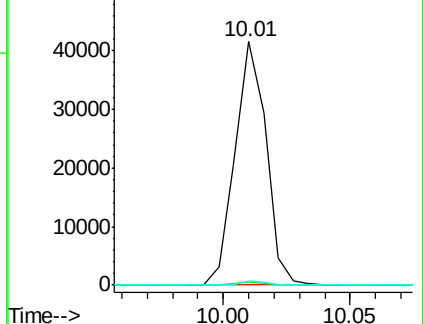


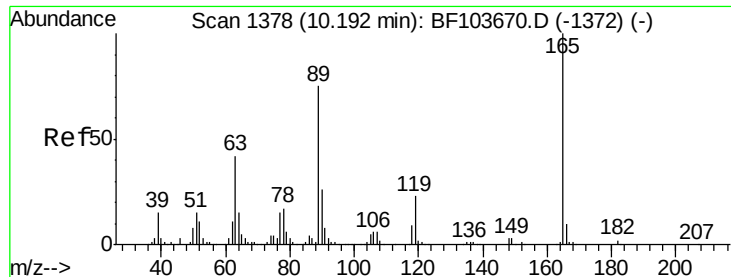
#50
 2,6-Dinitrotoluene
 Concen: 11.870 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. 0.21 min
 Lab File: BF103846.D
 Acq: 22 Mar 2018 12:21

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.7	67.1#
89	1.6	44.0	66.0#



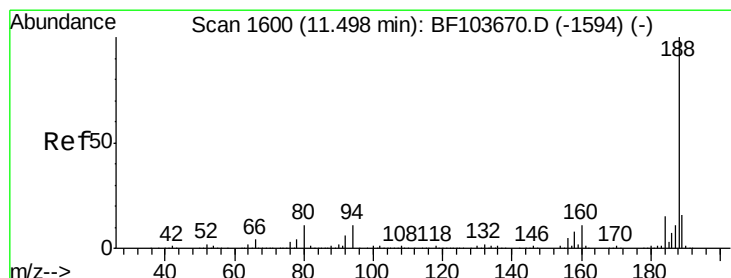
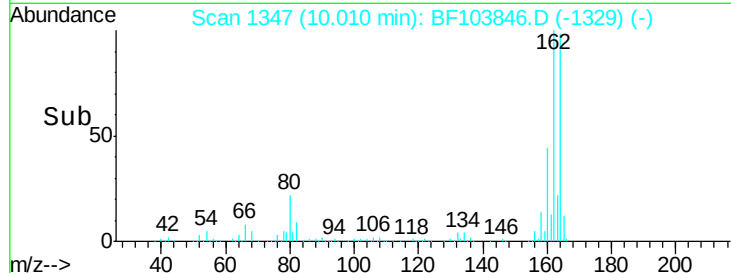
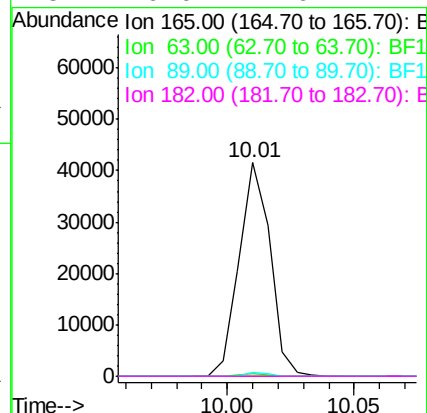
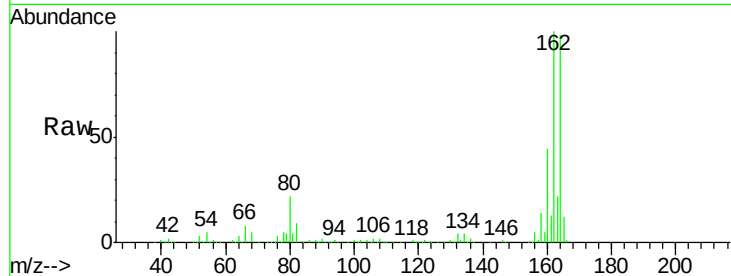
Abundance Ion 165.00 (164.70 to 165.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1





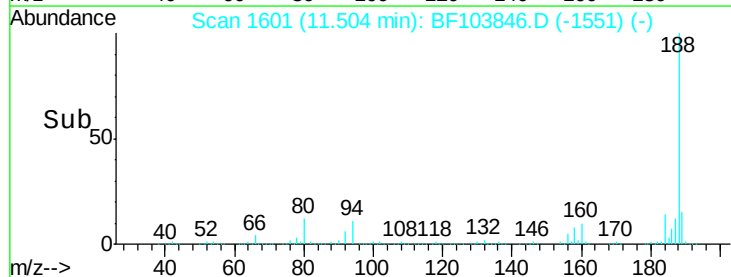
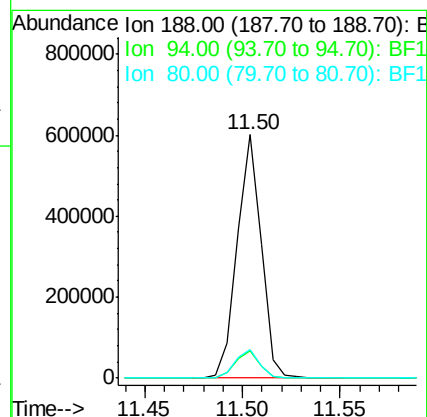
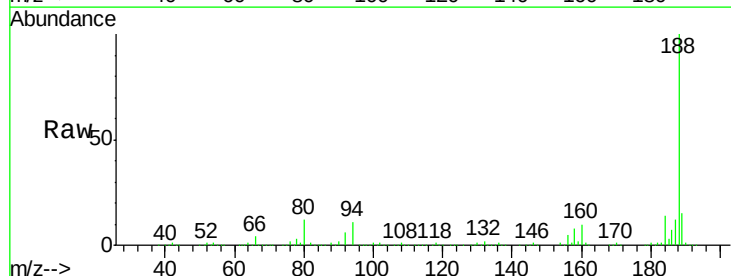
#56
2,4-Dinitrotoluene
Concen: 12.123 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.19 min
Lab File: BF103846.D
Acq: 22 Mar 2018 12:21

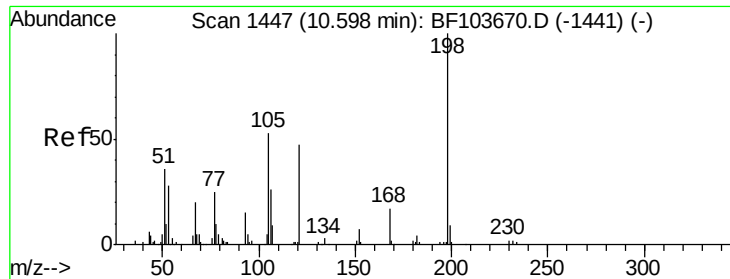
Tot Ion:165	Resp: 35380
Ion Ratio	Lower Upper
165 100	
63 1.4	36.4 54.6#
89 1.6	57.8 86.6#
182 0.0	1.6 2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF103846.D
Acq: 22 Mar 2018 12:21

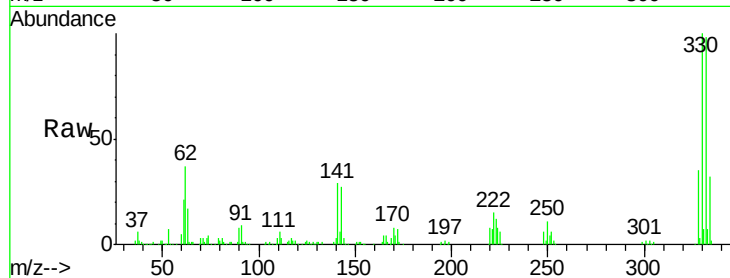
Tgt Ion	188	Resp: Lower	513716 Upper
	Ratio 100		
	94	11.1	8.5 12.7
	80	11.6	9.2 13.8



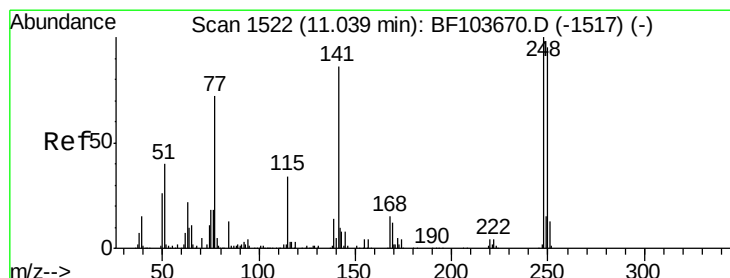
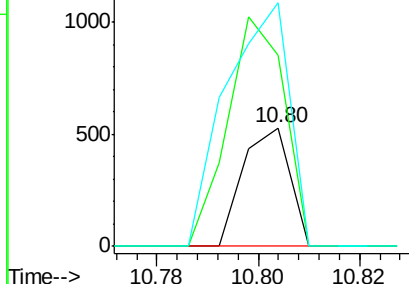
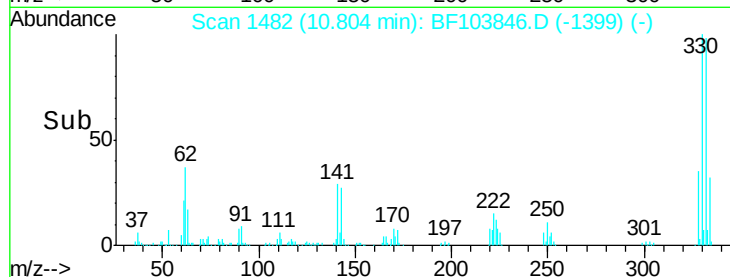


#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.315 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. 0.19 min
 Lab File: BF103846.D
 Acq: 22 Mar 2018 12:21

Tot Ion	Ratio	Lower	Upper
198	100		
51	161.7	37.7	77.7#
105	205.5	36.3	76.3#

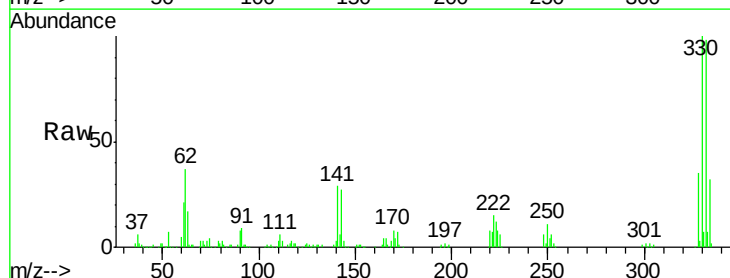


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

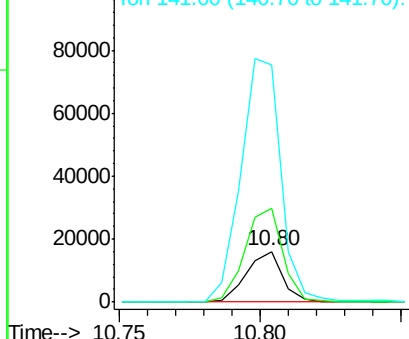
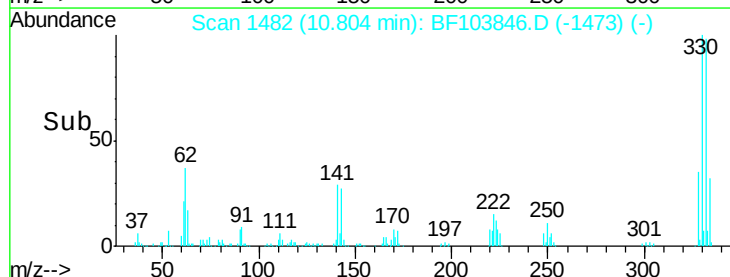


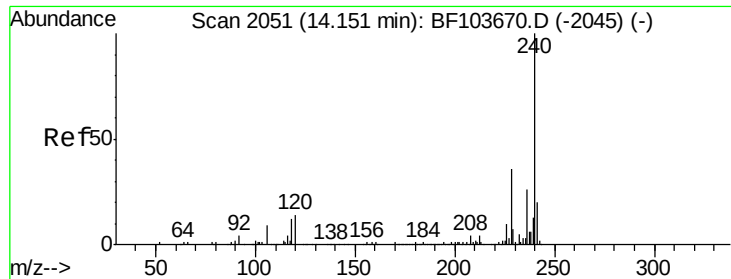
#66
 4-Bromophenyl-phenylether
 Concen: 2.696 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.25 min
 Lab File: BF103846.D
 Acq: 22 Mar 2018 12:21

Tgt Ion	Ratio	Lower	Upper
248	100		
250	184.8	76.9	115.3#
141	465.4	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# 2052

Delta R.T. -0.01 min

Lab File: BF103846.D

Acq: 22 Mar 2018 12:21

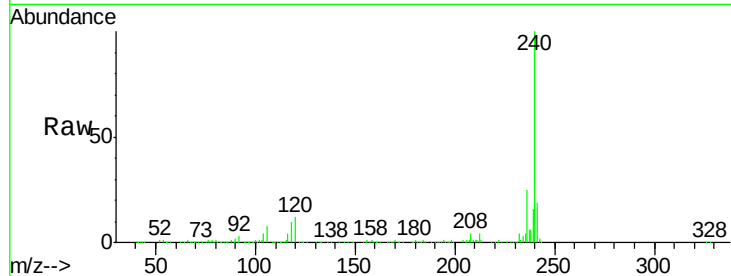
Tot Ion:240 Resp: 388569

Ion Ratio Lower Upper

240 100

120 11.8 9.5 14.3

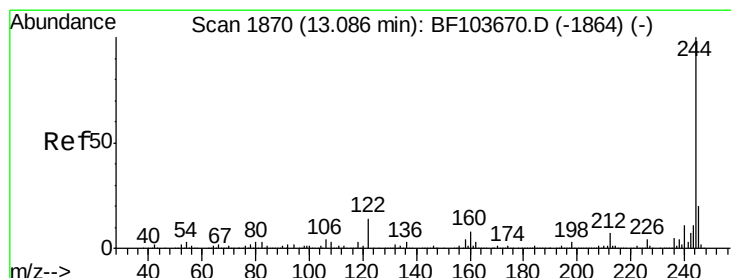
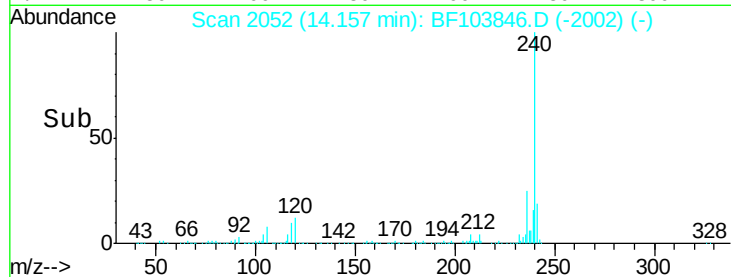
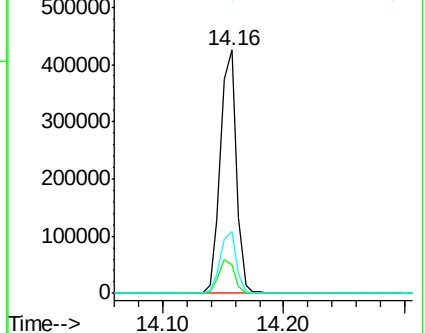
236 25.3 20.7 31.1



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: 90.112 ng

RT: 13.10 min Scan# 1872

Delta R.T. 0.00 min

Lab File: BF103846.D

Acq: 22 Mar 2018 12:21

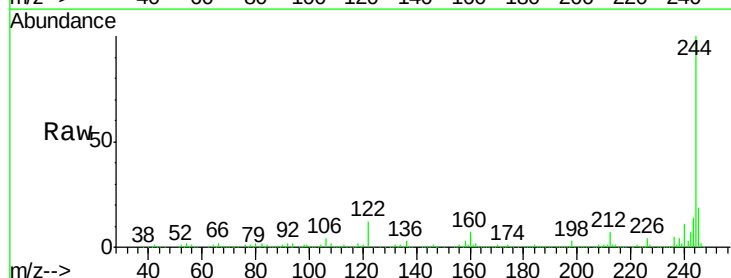
Tgt Ion:244 Resp: 1508517

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

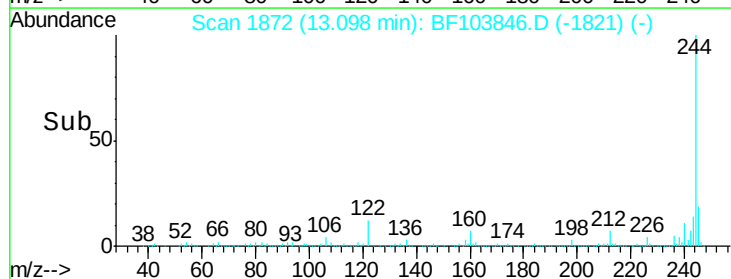
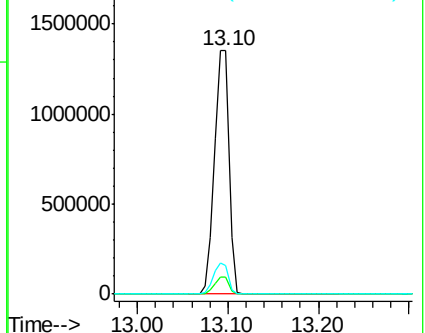
122 11.6 11.0 16.4

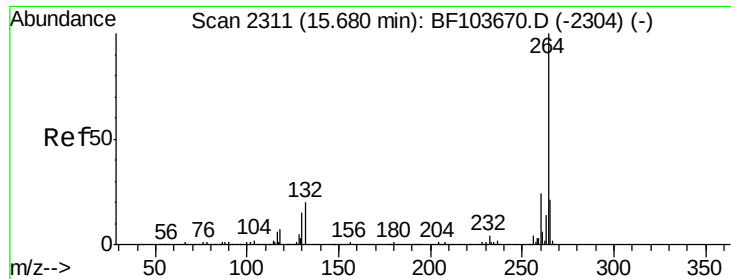


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

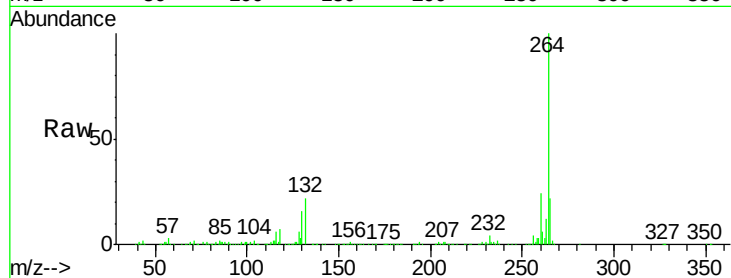
Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2313
Delta R.T. -0.01 min
Lab File: BF103846.D
Acq: 22 Mar 2018 12:21

Tot Ion:	264	Resp:	324547
Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.6	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

