

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042718\
 Data File : BF104923.D
 Acq On : 28 Apr 2018 10:59
 Operator : JU/SJ
 Sample : J2574-07
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

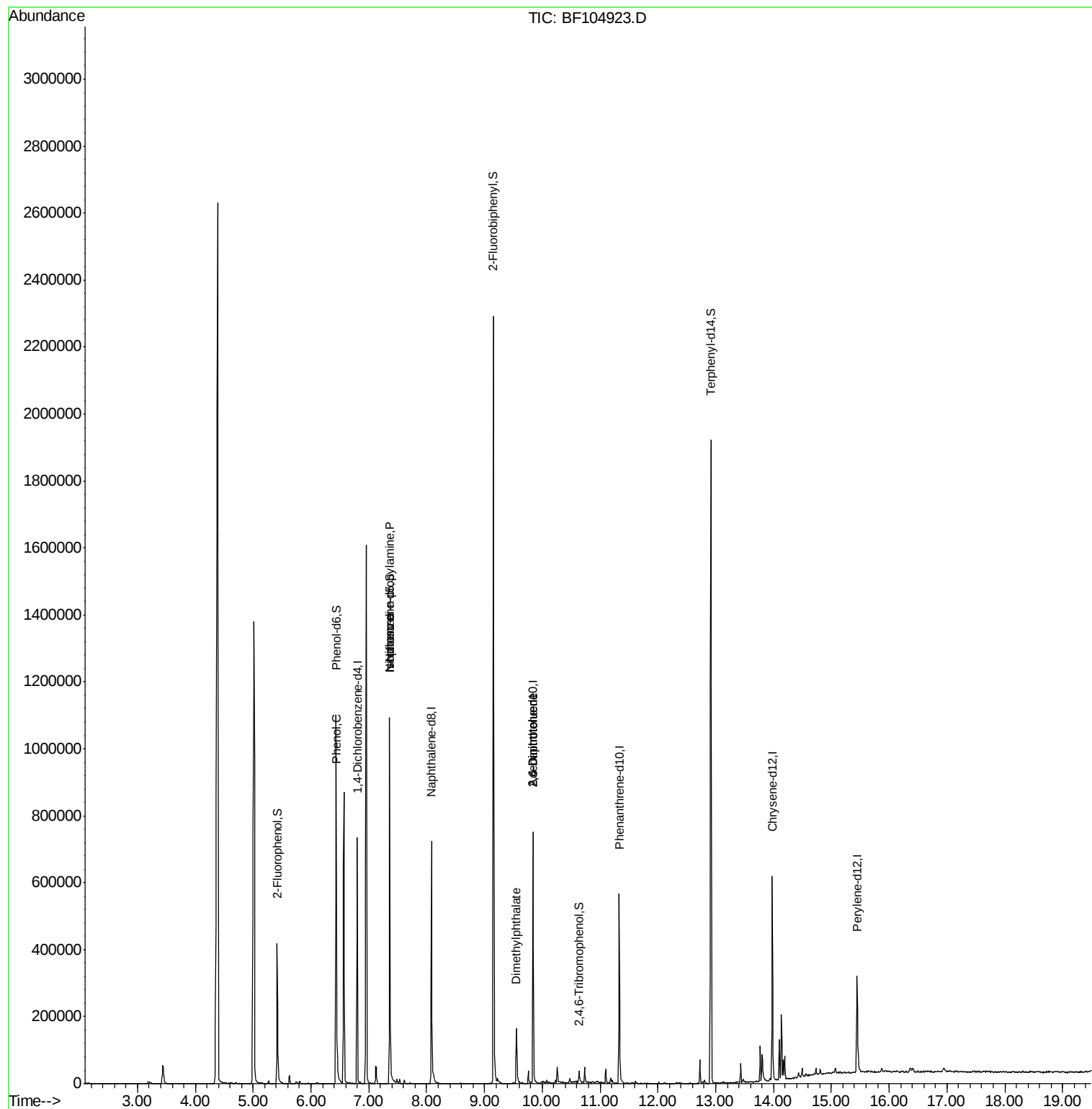
Quant Time: Apr 30 02:27:43 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 27 17:16:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	99202	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	389115	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	150302	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	244155	20.00	ng	0.00
75) Chrysene-d12	13.98	240	219570	20.00	ng	0.00
86) Perylene-d12	15.44	264	149085	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	147948	22.80	ng	0.00
7) Phenol-d6	6.43	99	422701	53.03	ng	-0.01
23) Nitrobenzene-d5	7.36	82	395587	66.38	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	6783	4.35	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	721928	75.88	ng	0.00
78) Terphenyl-d14	12.92	244	632940	65.72	ng	0.00
Target Compounds						
9) Benzaldehyde	6.57	77	4529	Below Cal		Qvalue 93
10) Phenol	6.45	94	17546	2.075	ng	83
19) n-Nitroso-di-n-propylamine	7.36	70	51001	9.791	ng	# 74
25) Isophorone	7.36	82	395642	31.397	ng	# 64
49) Dimethylphthalate	9.55	163	88595	7.475	ng	99
50) 2,6-Dinitrotoluene	9.84	165	19401	8.846	ng	# 24
56) 2,4-Dinitrotoluene	9.84	165	19401	6.744	ng	# 21
76) Benzidine	12.92	184	7699	Below Cal		# 96

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

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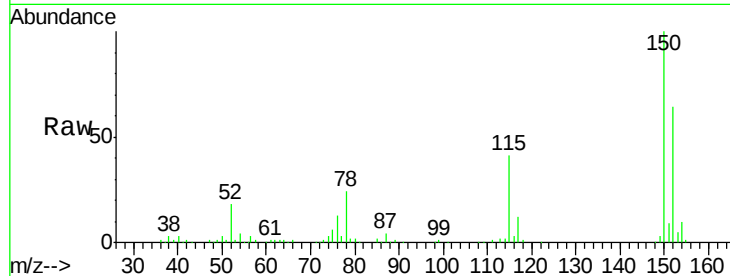




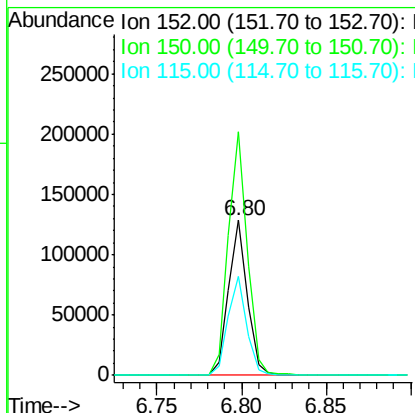
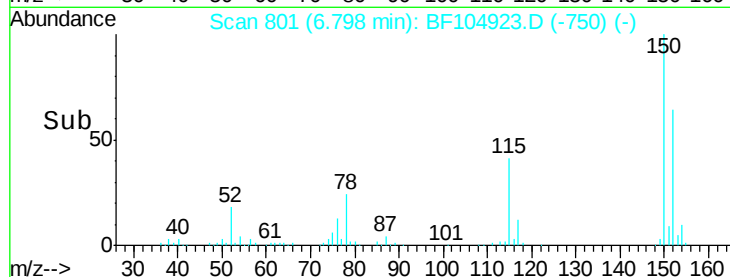
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF104923.D
Acq: 28 Apr 2018 10:59

Tot Ion:152 Resp: 99202
Ion Ratio Lower Upper
152 100
150 157.3 124.6 186.8
115 64.2 50.1 75.1



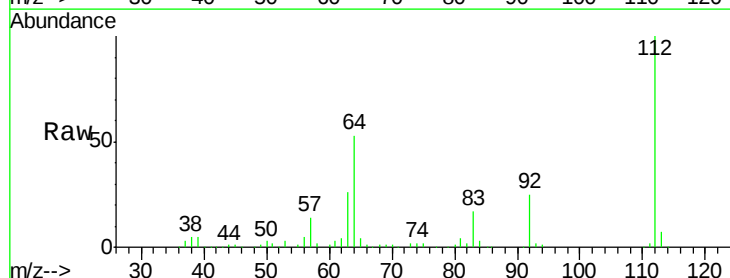
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



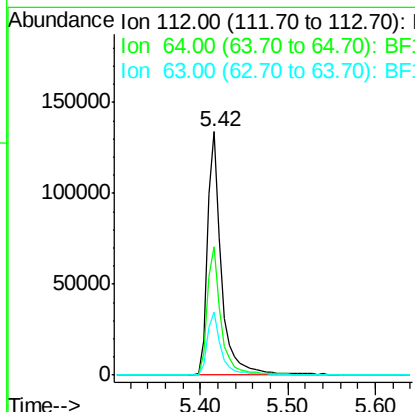
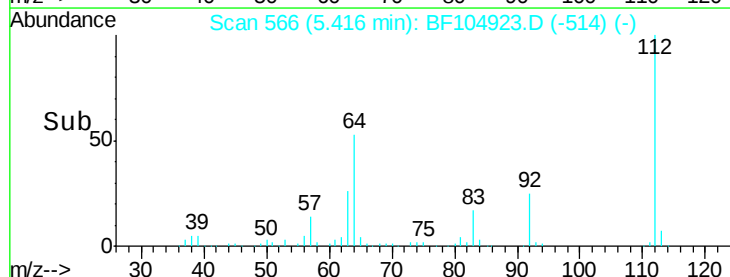
#5

2-Fluorophenol
Concen: 22.804 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF104923.D
Acq: 28 Apr 2018 10:59

Tgt Ion:112 Resp: 147948
Ion Ratio Lower Upper
112 100
64 52.6 47.9 71.9
63 26.0 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: 53.027 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF104923.D

Acq: 28 Apr 2018 10:59

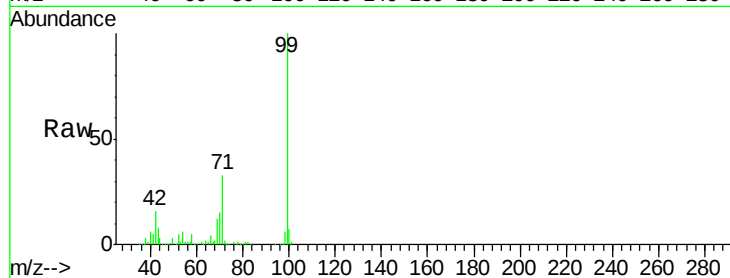
Tot Ion: 99 Resp: 422701

Ion	Ratio	Lower	Upper
99	100		
42	15.5	14.5	21.7
71	32.8	25.4	38.0

99 100

42 15.5 14.5 21.7

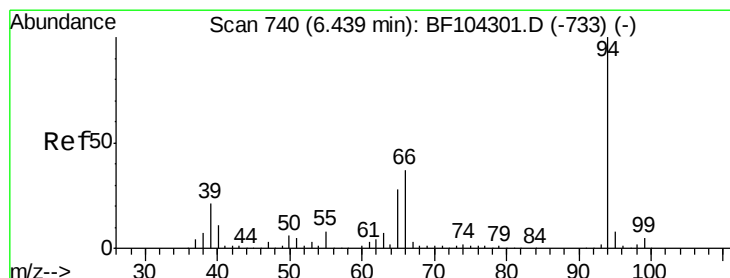
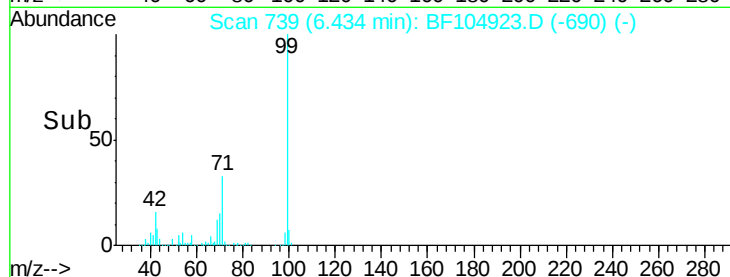
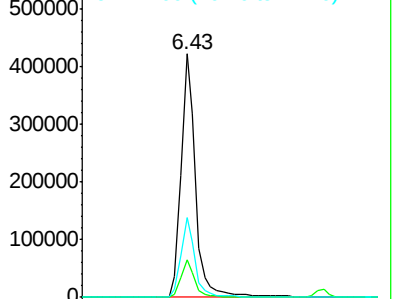
71 32.8 25.4 38.0



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



#10

Phenol

Concen: 2.075 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF104923.D

Acq: 28 Apr 2018 10:59

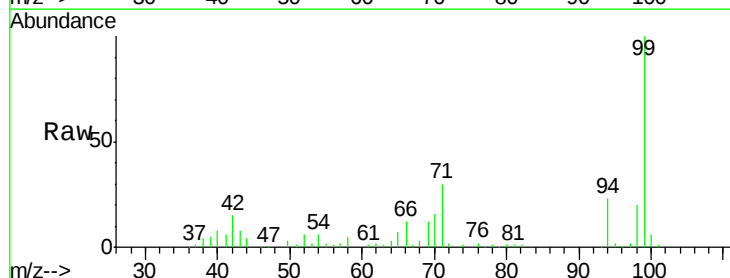
Tgt Ion: 94 Resp: 17546

Ion	Ratio	Lower	Upper
94	100		
65	29.3	7.9	47.9
66	52.2	16.2	56.2

94 100

65 29.3 7.9 47.9

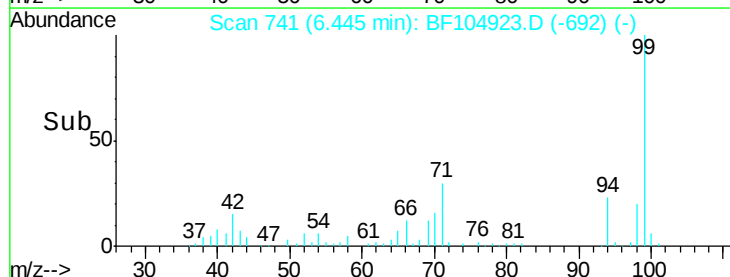
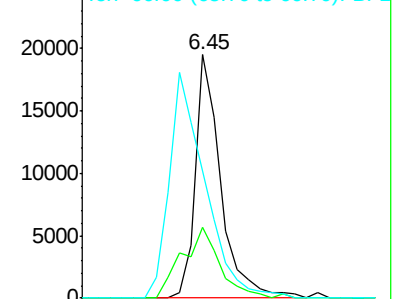
66 52.2 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

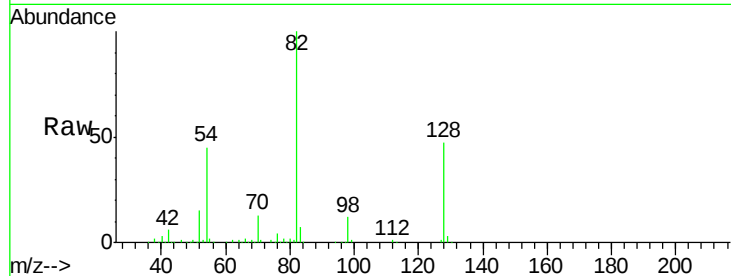
Ion 66.00 (65.70 to 66.70): BF1



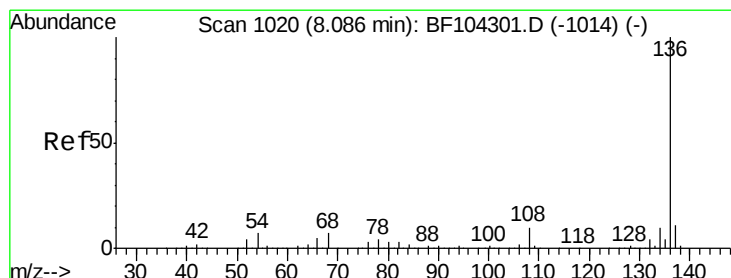
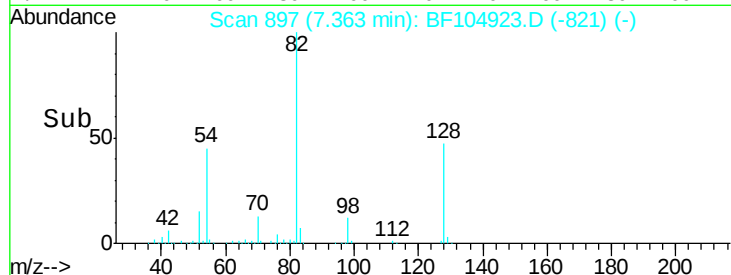
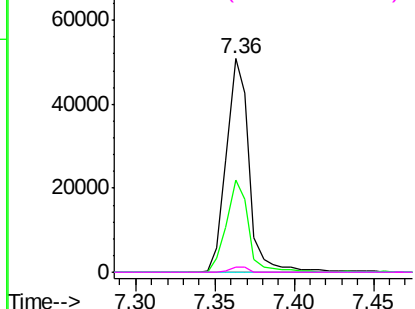


#19
n-Nitroso-di-n-propylamine
Concen: 9.791 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.15 min
Lab File: BF104923.D
Acq: 28 Apr 2018 10:59

Tot Ion: 70 Resp: 51001
Ion Ratio Lower Upper
70 100
42 43.3 47.5 71.3#
101 0.0 7.4 11.2#
130 2.6 16.6 25.0#

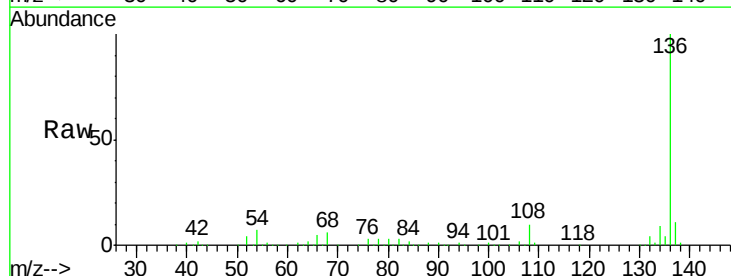


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

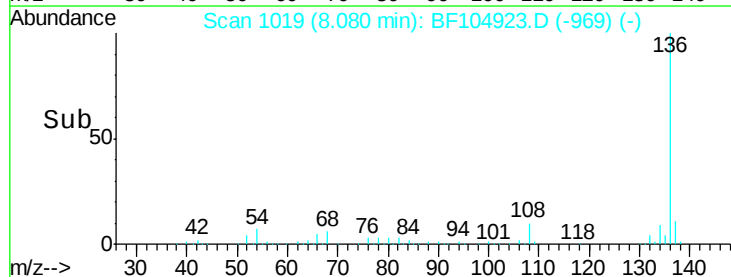
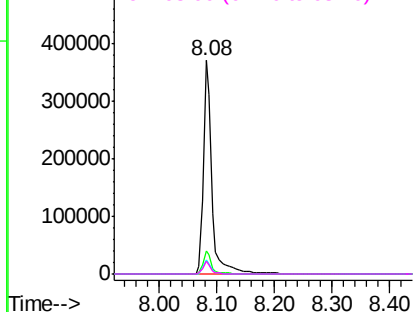


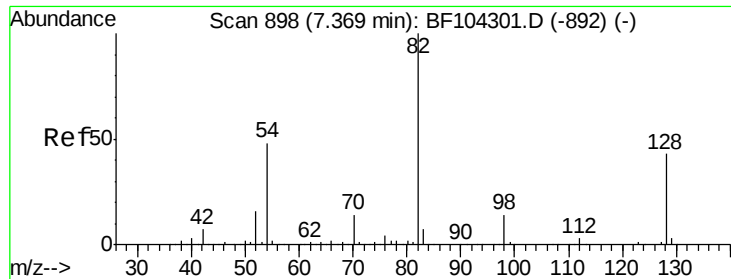
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF104923.D
Acq: 28 Apr 2018 10:59

Tgt Ion: 136 Resp: 389115
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 6.8 6.6 9.8
68 5.7 5.0 7.4



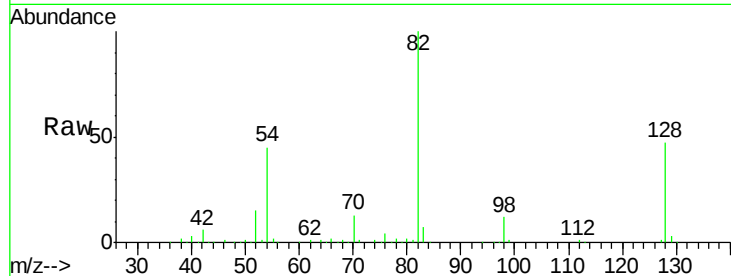
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1



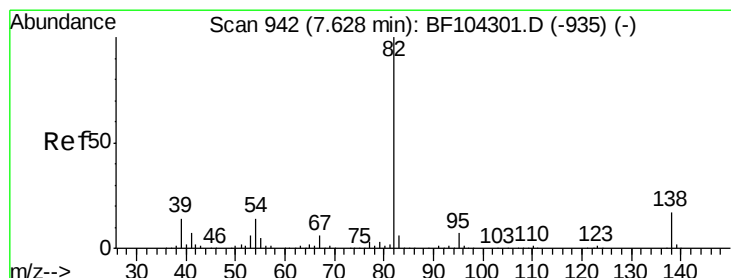
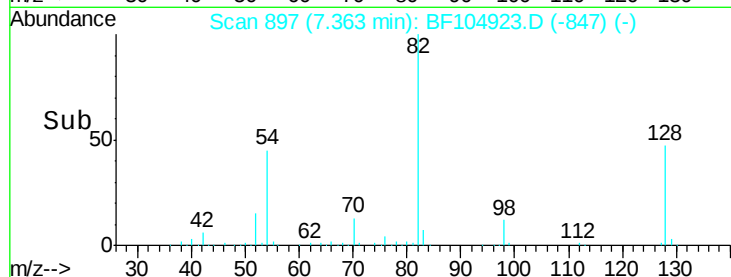
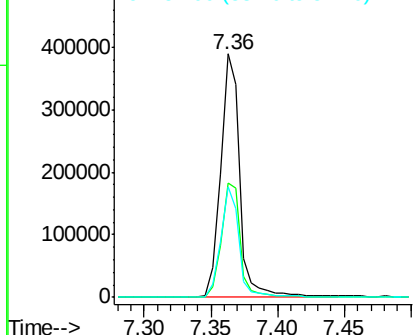


#23
Nitrobenzene-d5
Concen: 66.384 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF104923.D
Acq: 28 Apr 2018 10:59

Tot Ion	82	Resp	395587
Ion Ratio	100	Lower	Upper
128	46.7	36.1	54.1
54	45.4	41.4	62.2

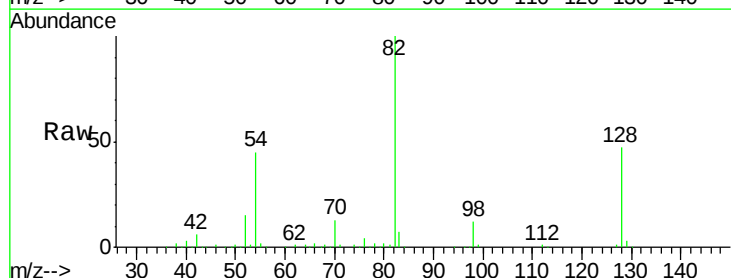


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

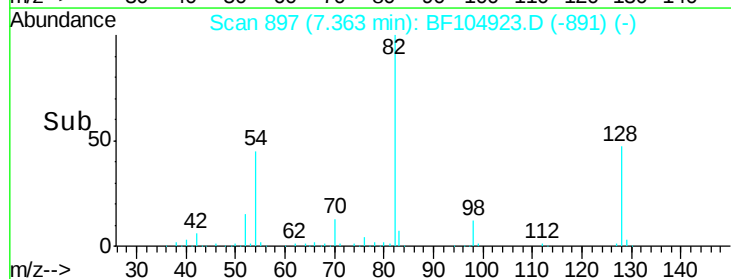
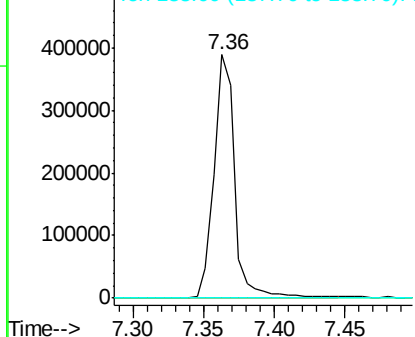


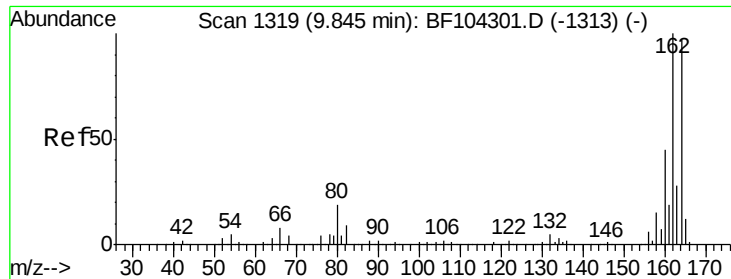
#25
Isophorone
Concen: 31.397 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.26 min
Lab File: BF104923.D
Acq: 28 Apr 2018 10:59

Tgt Ion	82	Resp	395642
Ion Ratio	100	Lower	Upper
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#



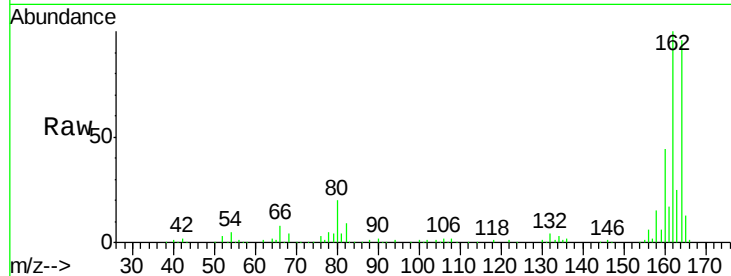
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



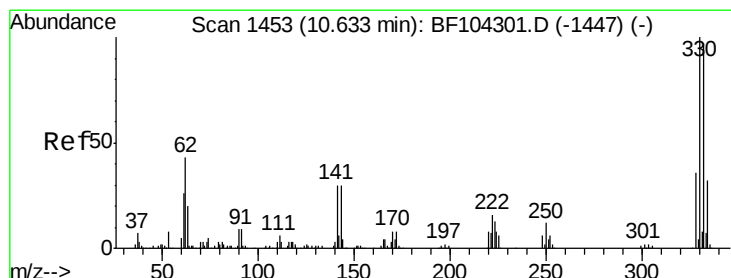
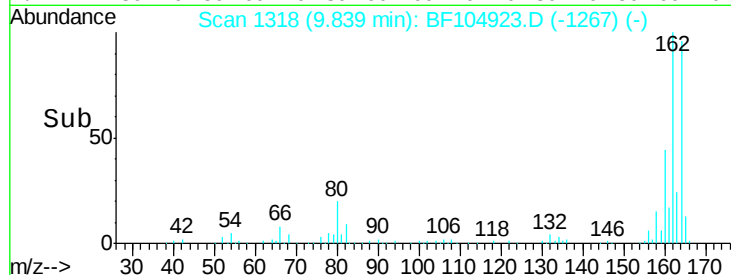
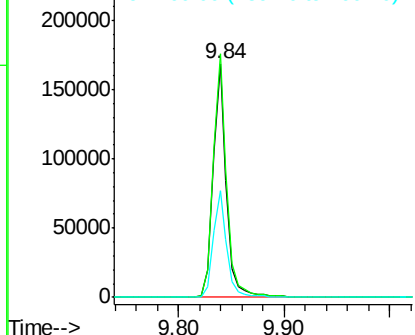


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BF104923.D
Acq: 28 Apr 2018 10:59

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.2	86.1	129.1
160	45.6	38.3	57.5

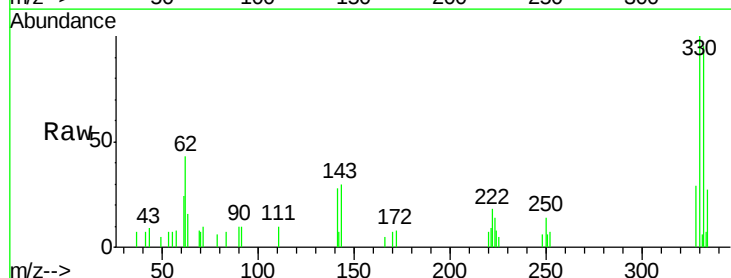


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

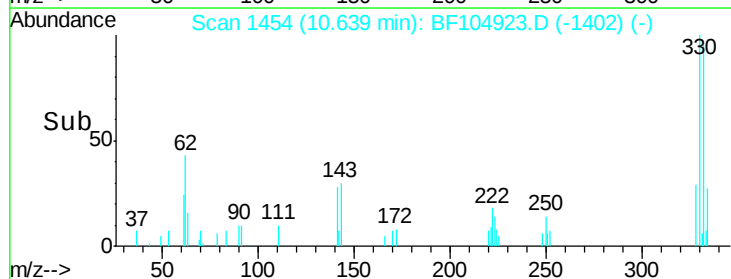
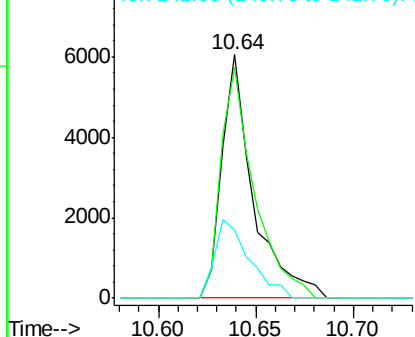


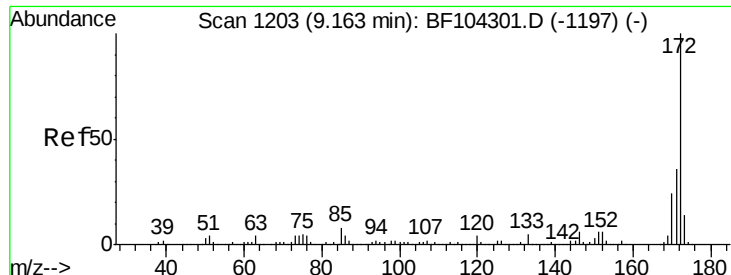
#41
2,4,6-Tribromophenol
Concen: 4.351 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.01 min
Lab File: BF104923.D
Acq: 28 Apr 2018 10:59

Tgt Ion	Ratio	Lower	Upper
330	100		
332	100.9	77.0	115.6
141	35.6	29.9	44.9



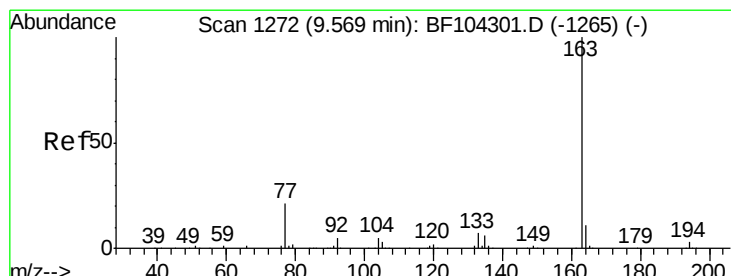
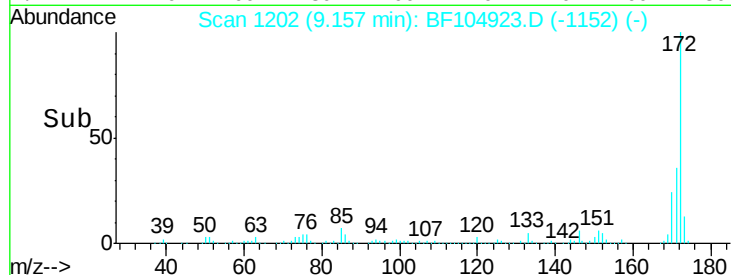
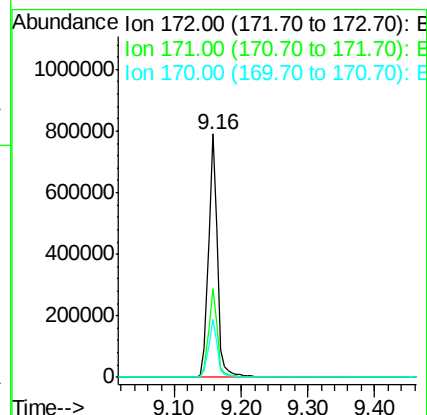
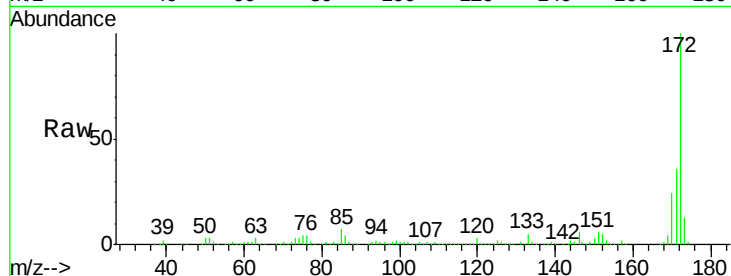
Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





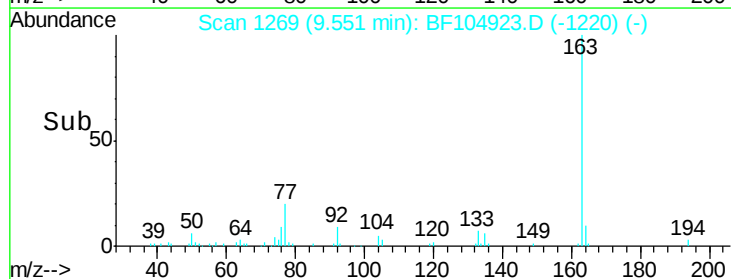
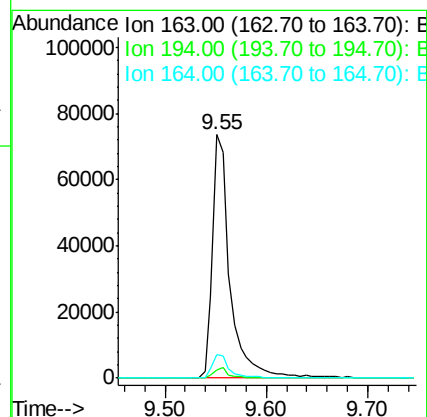
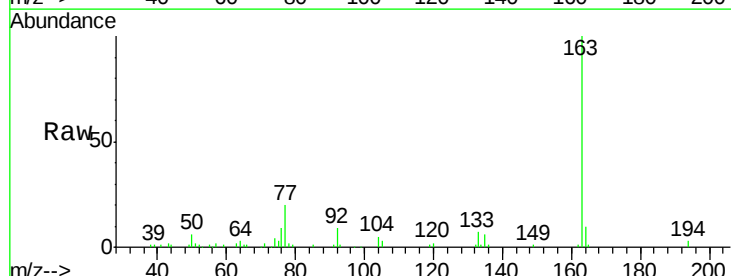
#44
2-Fluorobiphenyl
Concen: 75.878 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF104923.D
Acq: 28 Apr 2018 10:59

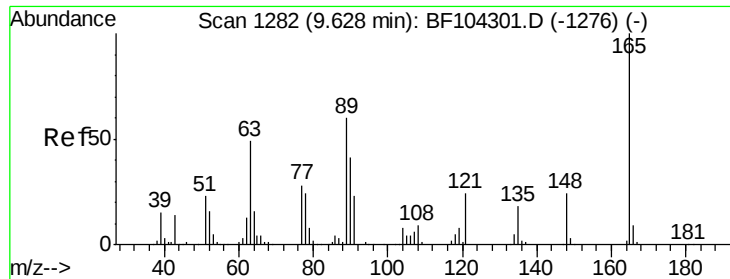
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	23.6	19.6	29.4



#49
Dimethylphthalate
Concen: 7.475 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF104923.D
Acq: 28 Apr 2018 10:59

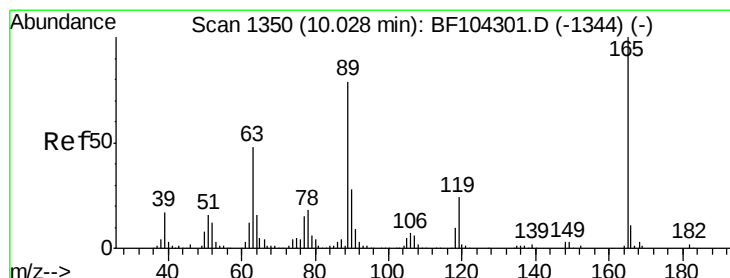
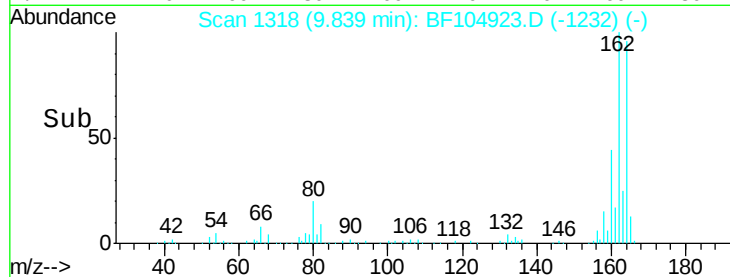
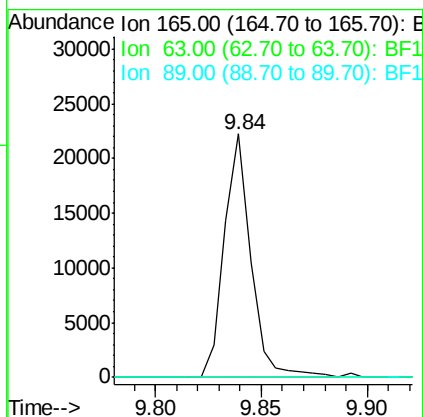
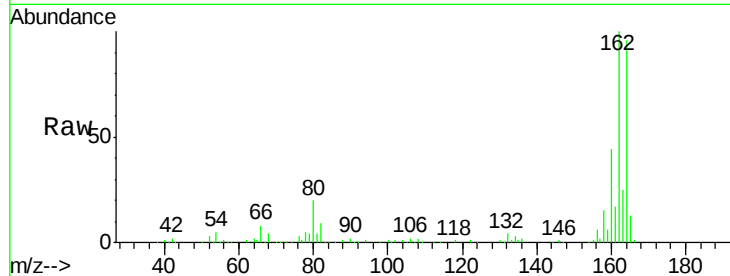
Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.7	4.1
164	9.9	8.2	12.2





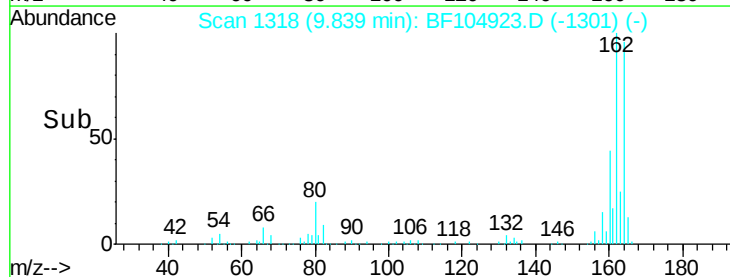
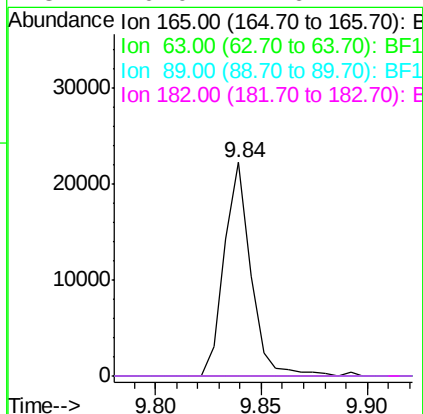
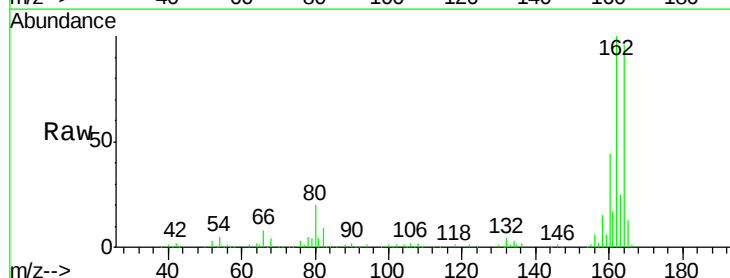
#50
 2,6-Dinitrotoluene
 Concen: 8.846 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. 0.21 min
 Lab File: BF104923.D
 Acq: 28 Apr 2018 10:59

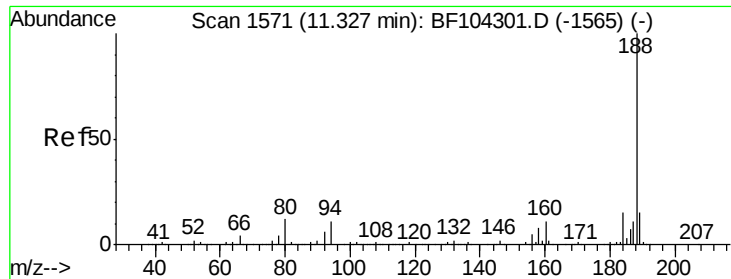
Tot Ion:165	Resp:	19401
Ion Ratio	Lower	Upper
165	100	
63	0.0	44.7 67.1#
89	0.0	44.0 66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.744 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.20 min
 Lab File: BF104923.D
 Acq: 28 Apr 2018 10:59

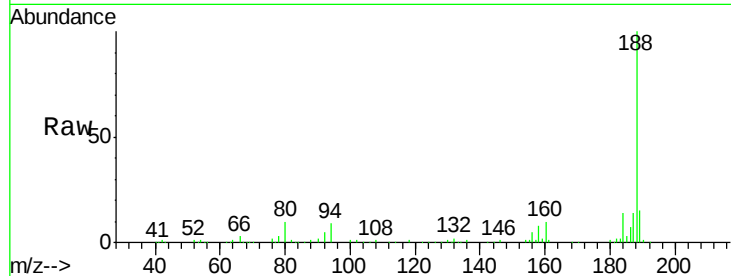
Tgt Ion:165	Resp:	19401
Ion Ratio	Lower	Upper
165	100	
63	0.0	36.4 54.6#
89	0.0	57.8 86.6#
182	0.0	1.6 2.4#





#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF104923.D
Acq: 28 Apr 2018 10:59

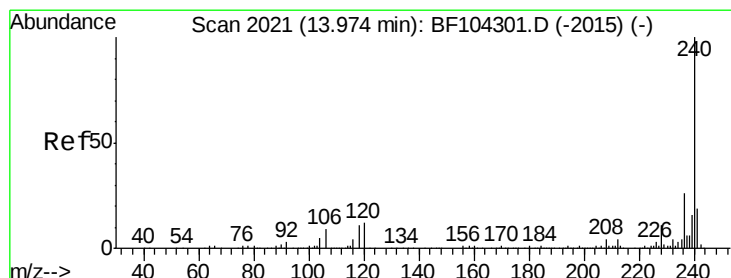
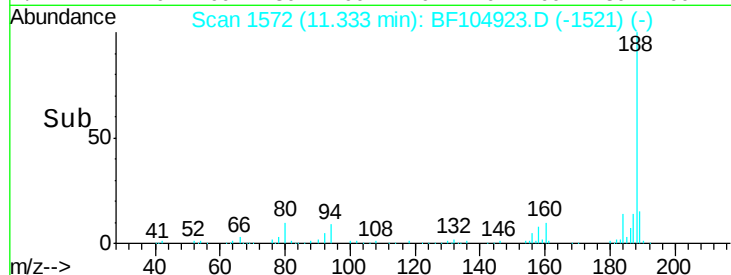
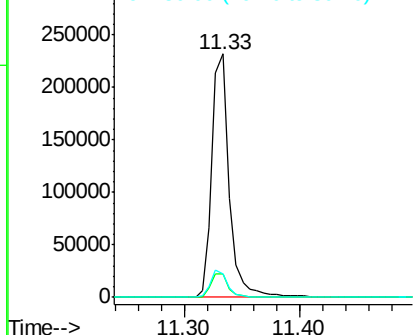
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.5	12.7
80	9.9	9.2	13.8



Abundance Ion 188.00 (187.70 to 188.70): E

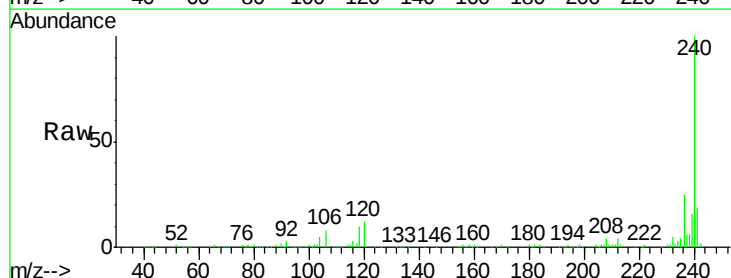
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF104923.D
Acq: 28 Apr 2018 10:59

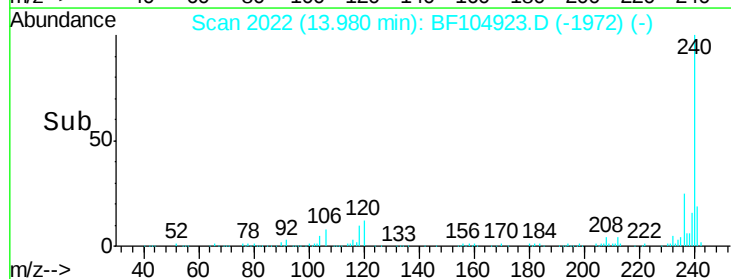
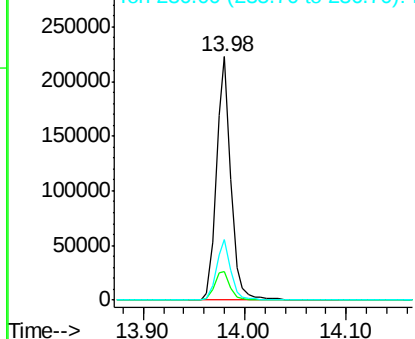
Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.5	14.3
236	25.1	20.7	31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

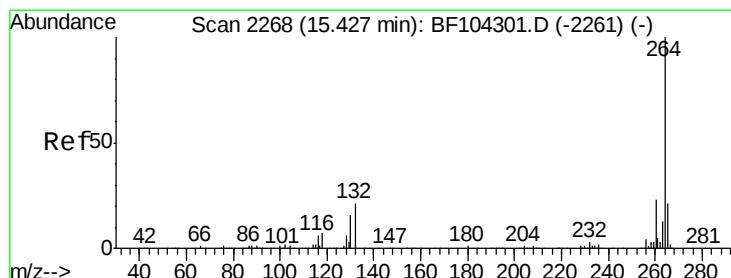
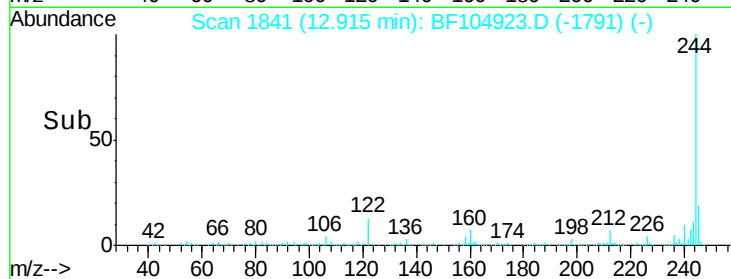
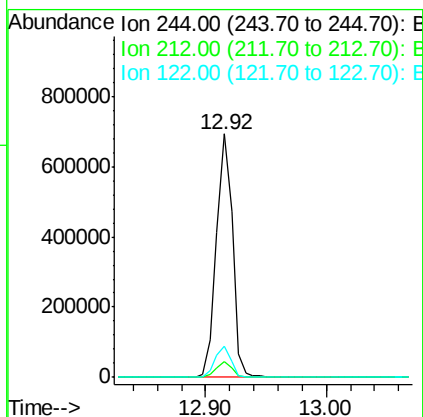
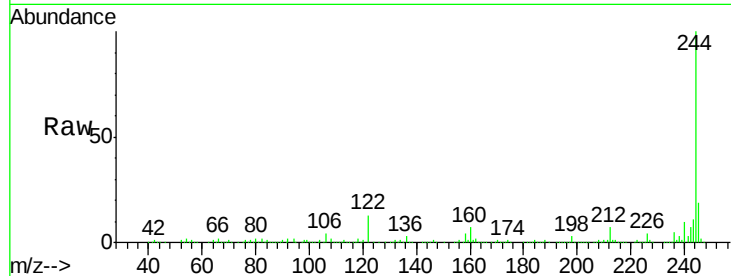
Ion 236.00 (235.70 to 236.70): E





#78
 Terphenyl-d14
 Concen: 65.719 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF104923.D
 Acq: 28 Apr 2018 10:59

Tot Ion:244 Resp: 632940
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 12.8 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. -0.01 min
 Lab File: BF104923.D
 Acq: 28 Apr 2018 10:59

Tgt Ion:264 Resp: 149085
 Ion Ratio Lower Upper
 264 100
 260 22.4 19.2 28.8
 265 21.3 17.5 26.3

