

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042718\
 Data File : BF104921.D
 Acq On : 28 Apr 2018 10:06
 Operator : JU/SJ
 Sample : J2574-03
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

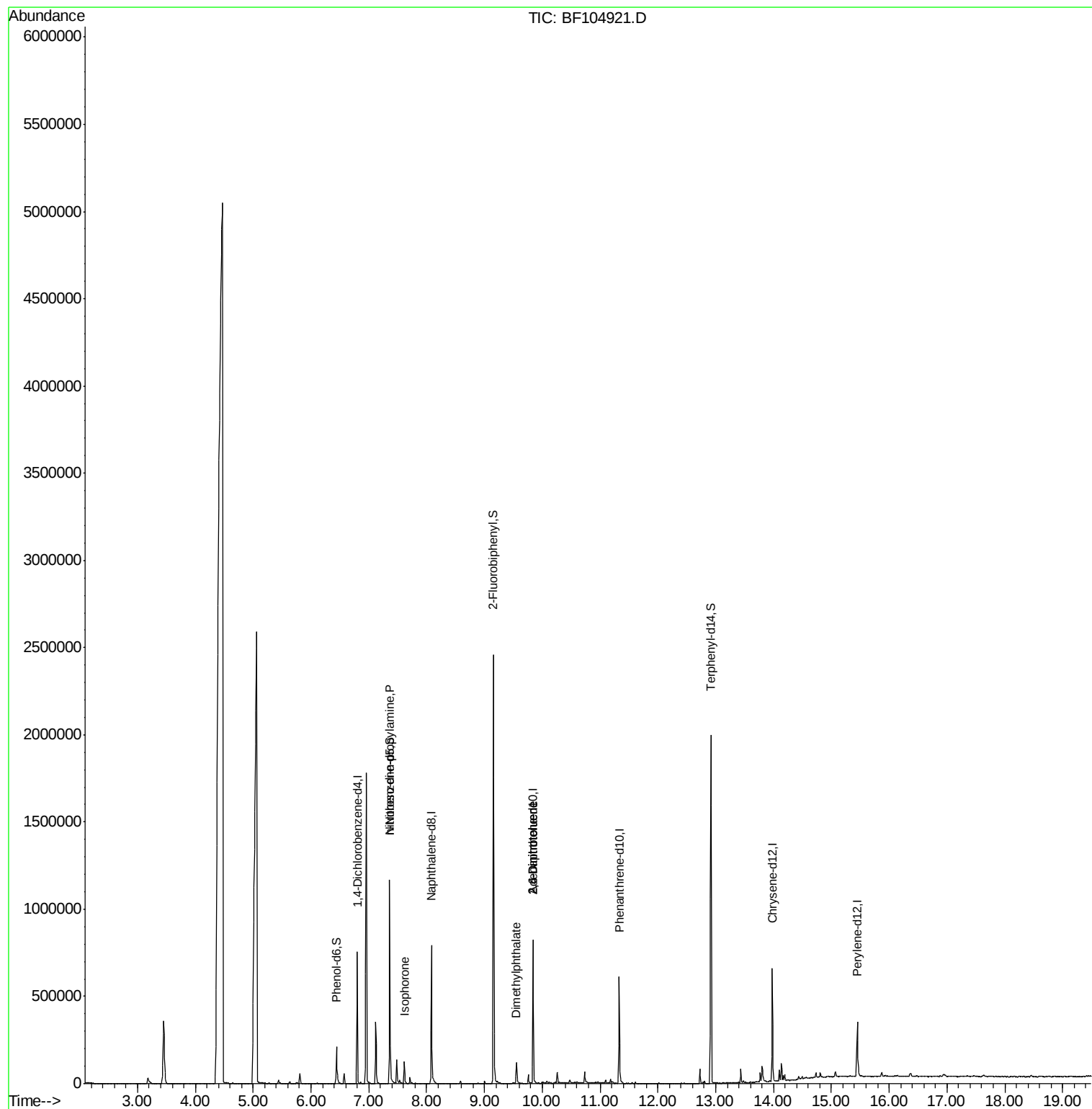
Quant Time: Apr 30 02:27:01 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 27 17:16:11 2018
 Response via : Initial Calibration

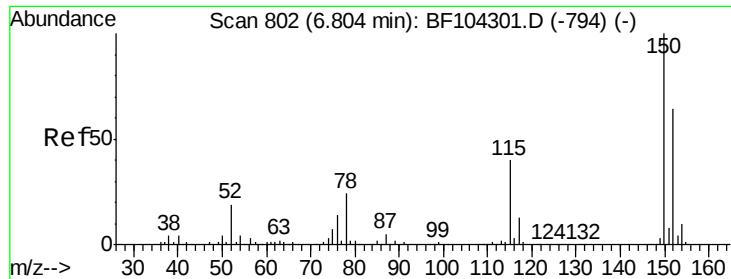
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	103750	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	414742	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	163666	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	268813	20.00	ng	0.00
75) Chrysene-d12	13.98	240	224314	20.00	ng	0.00
86) Perylene-d12	15.45	264	155203	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	12542	1.85	ng	0.02
7) Phenol-d6	6.44	99	99557	11.94	ng	0.00
23) Nitrobenzene-d5	7.36	82	435644	68.59	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	436	0.26	ng	0.01
44) 2-Fluorobiphenyl	9.16	172	798803	77.10	ng	0.00
78) Terphenyl-d14	12.92	244	679965	69.11	ng	0.00
Target Compounds						
9) Benzaldehyde	6.57	77	259	Below Cal		90
19) n-Nitroso-di-n-propylamine	7.36	70	55612	10.208 ng	#	72
25) Isophorone	7.62	82	52286	3.893 ng		99
49) Dimethylphthalate	9.56	163	63507	4.921 ng		98
50) 2,6-Dinitrotoluene	9.84	165	20864	8.736 ng	#	24
56) 2,4-Dinitrotoluene	9.84	165	20864	6.660 ng	#	21
76) Benizidine	12.92	184	8404	Below Cal		98

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

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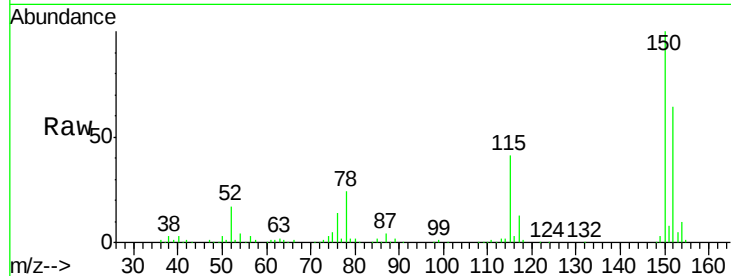




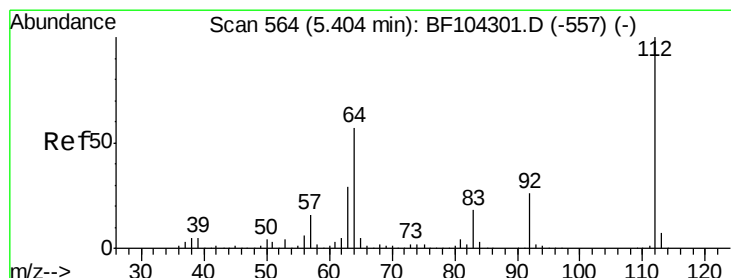
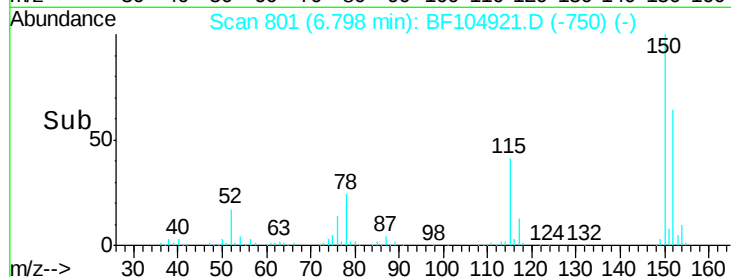
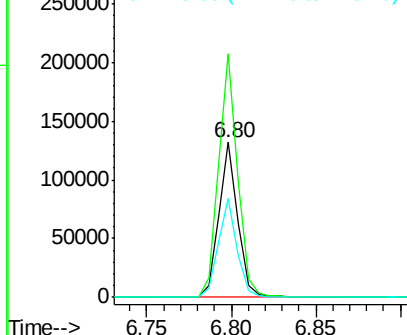
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF104921.D
Acq: 28 Apr 2018 10:06

Tot Ion:152 Resp: 103750
Ion Ratio Lower Upper
152 100
150 157.0 124.6 186.8
115 63.7 50.1 75.1



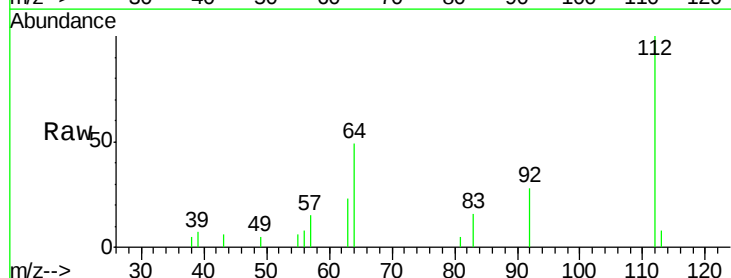
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



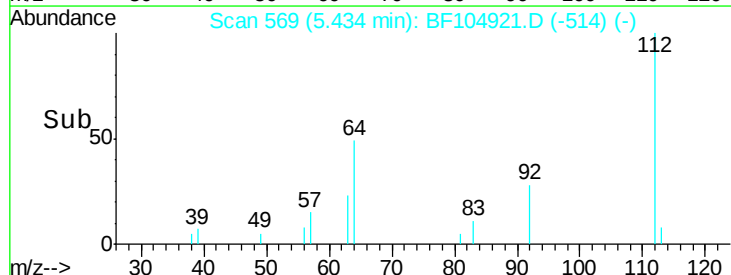
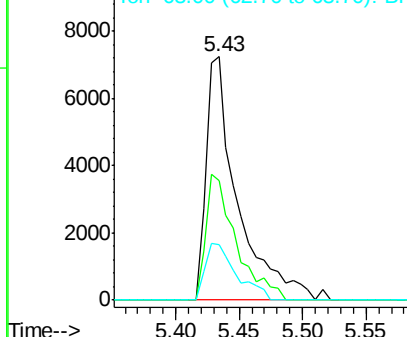
#5

2-Fluorophenol
Concen: 1.848 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.02 min
Lab File: BF104921.D
Acq: 28 Apr 2018 10:06

Tgt Ion:112 Resp: 12542
Ion Ratio Lower Upper
112 100
64 48.9 47.9 71.9
63 22.8 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: 11.942 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF104921.D

Acq: 28 Apr 2018 10:06

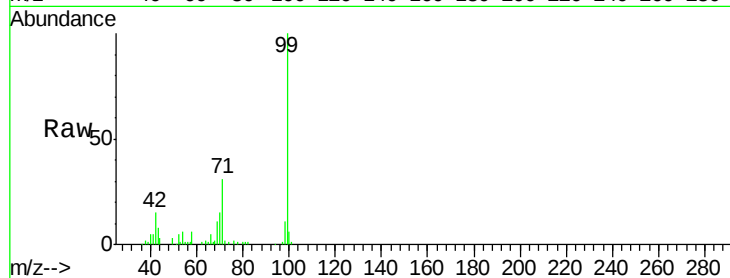
Tot Ion: 99 Resp: 99557

Ion Ratio Lower Upper

99 100

42 14.8 14.5 21.7

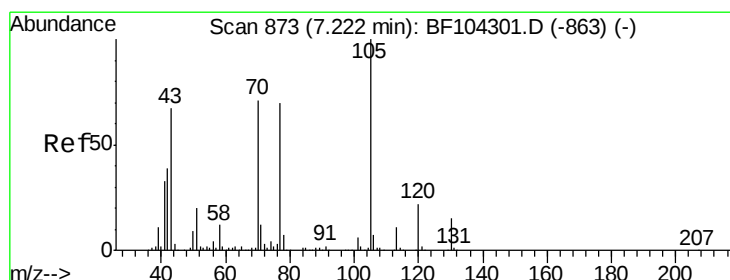
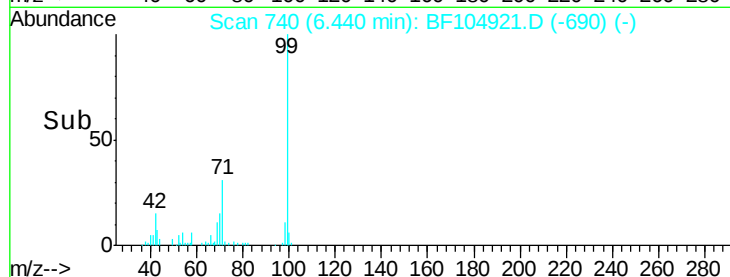
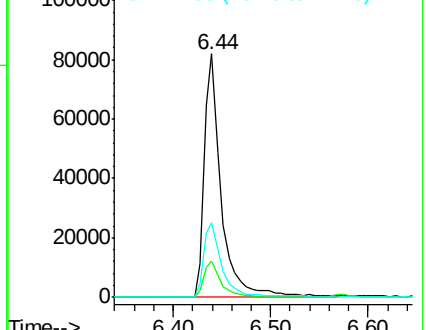
71 30.8 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 10.208 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.15 min

Lab File: BF104921.D

Acq: 28 Apr 2018 10:06

Tgt Ion: 70 Resp: 55612

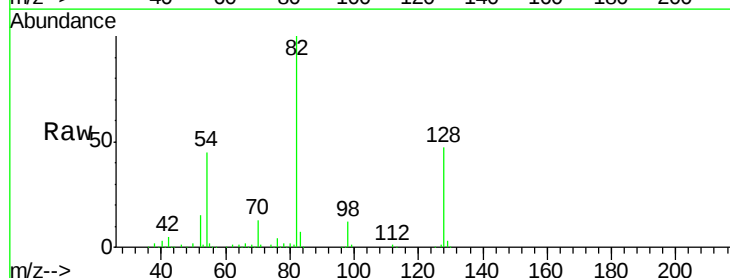
Ion Ratio Lower Upper

70 100

42 40.8 47.5 71.3#

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

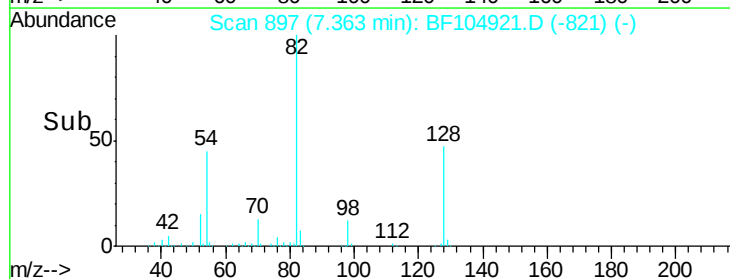
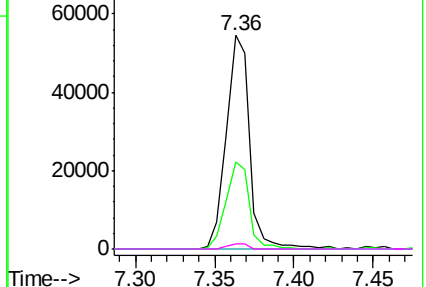


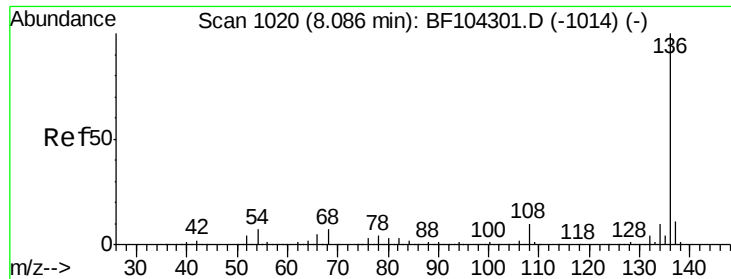
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

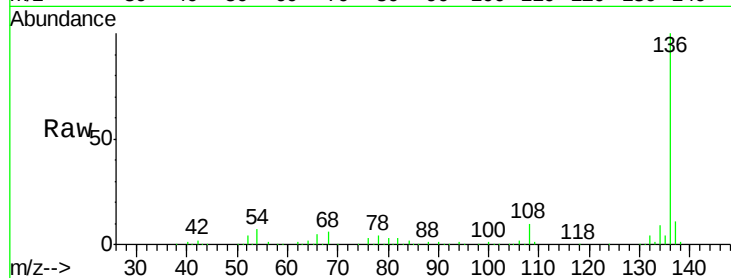
Ion 130.00 (129.70 to 130.70): BF1



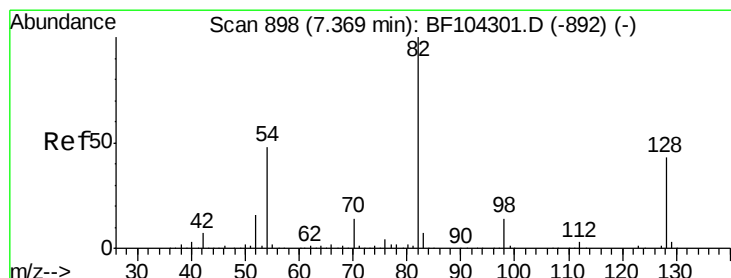
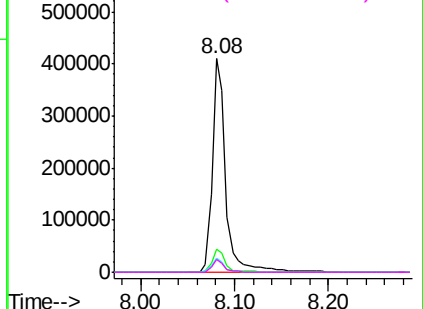
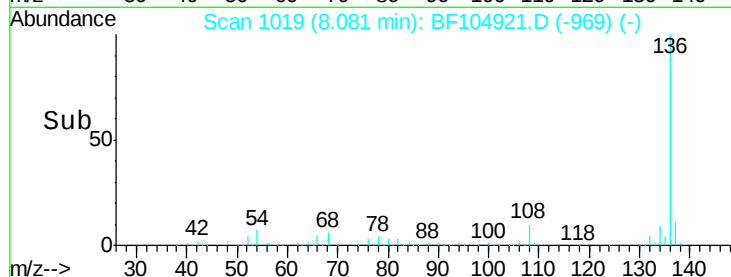


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF104921.D
Acq: 28 Apr 2018 10:06

Tot Ion:136	Resp:	414742
Ion Ratio	Lower	Upper
136 100		
137 10.7	8.9	13.3
54 6.8	6.6	9.8
68 5.8	5.0	7.4

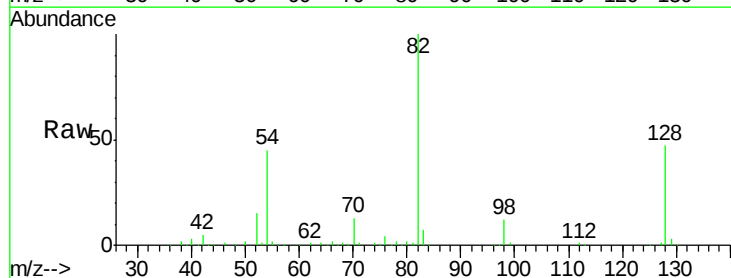


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

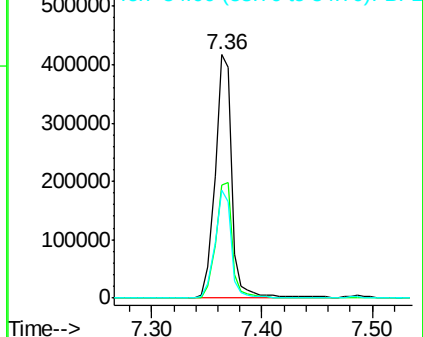
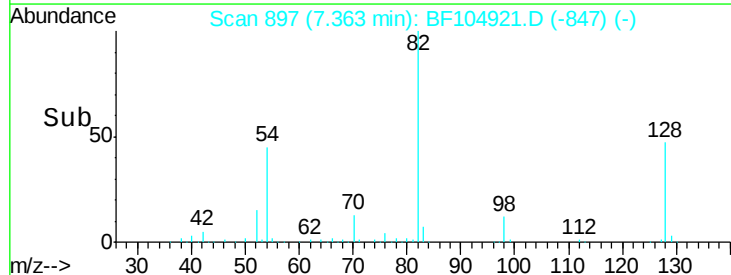


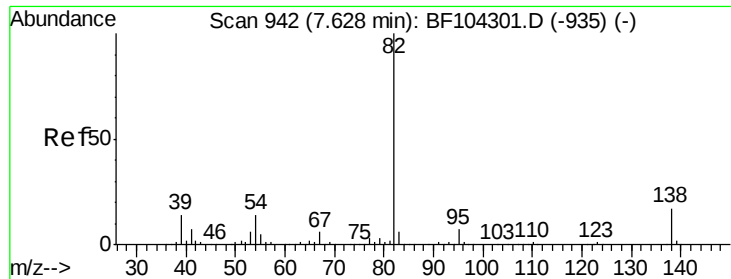
#23
Nitrobenzene-d5
Concen: 68.589 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF104921.D
Acq: 28 Apr 2018 10:06

Tgt Ion: 82	Resp: 435644
Ion Ratio	Lower Upper
82 100	
128 46.7	36.1 54.1
54 44.5	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: 3.893 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF104921.D

Acq: 28 Apr 2018 10:06

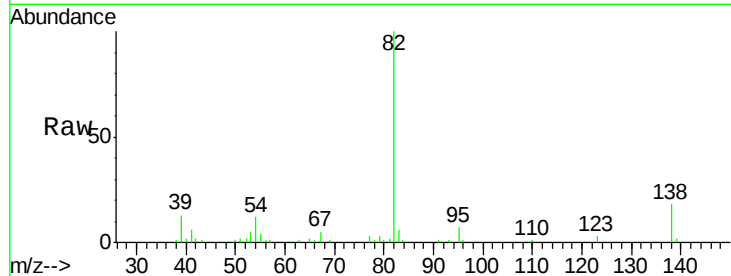
Tot Ion: 82 Resp: 52286

Ion Ratio Lower Upper

82 100

95 6.7 5.2 7.8

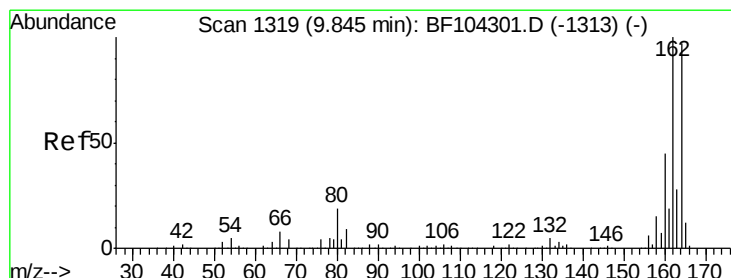
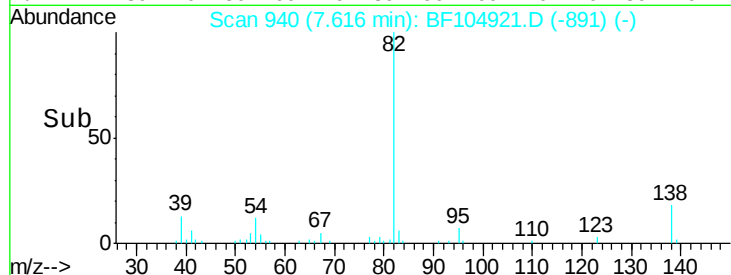
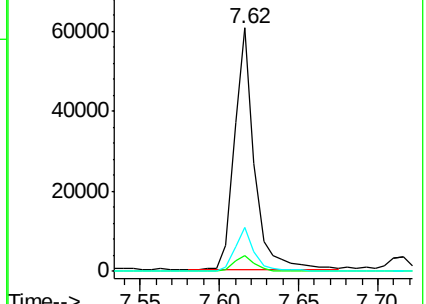
138 17.8 14.9 22.3



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: BF104921.D

Acq: 28 Apr 2018 10:06

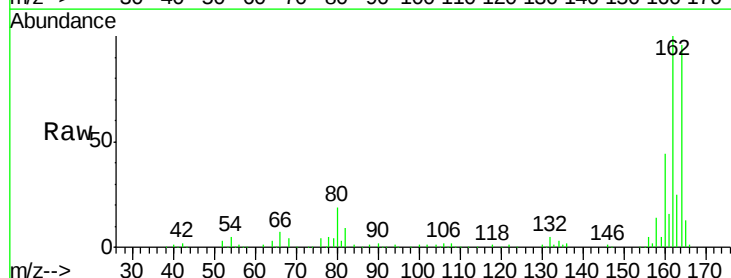
Tgt Ion: 164 Resp: 163666

Ion Ratio Lower Upper

164 100

162 104.4 86.1 129.1

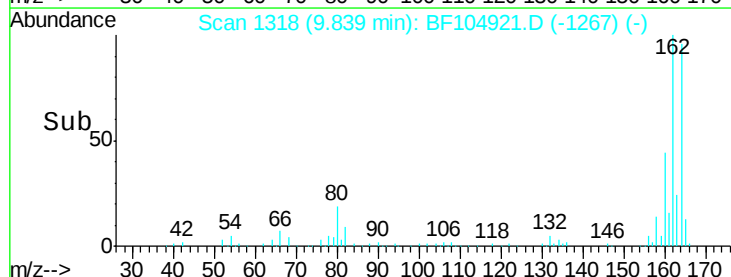
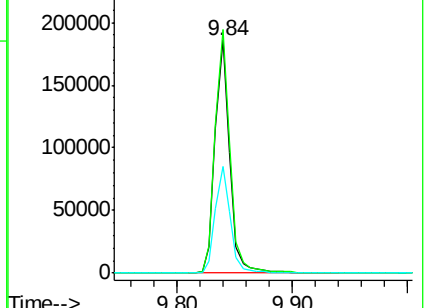
160 45.9 38.3 57.5

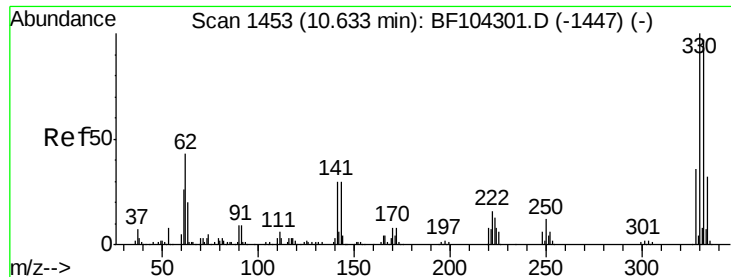


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

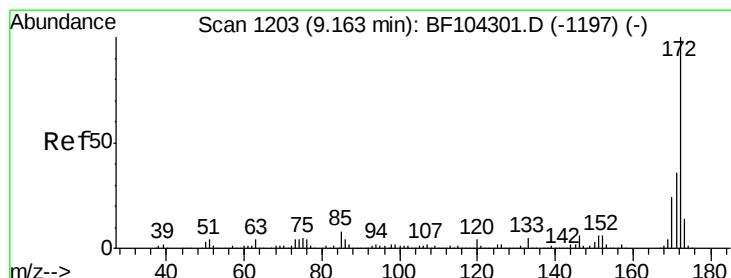
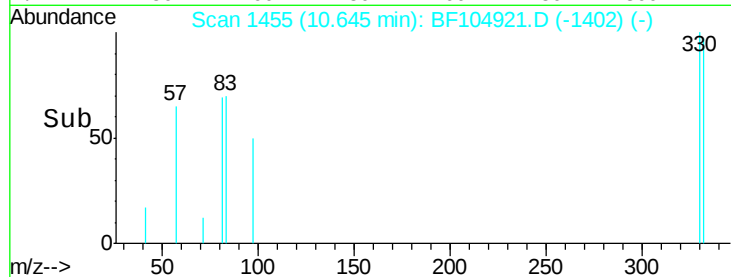
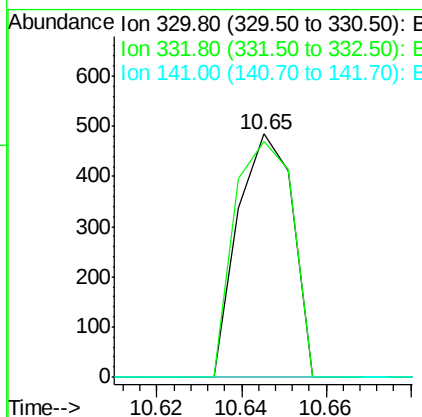
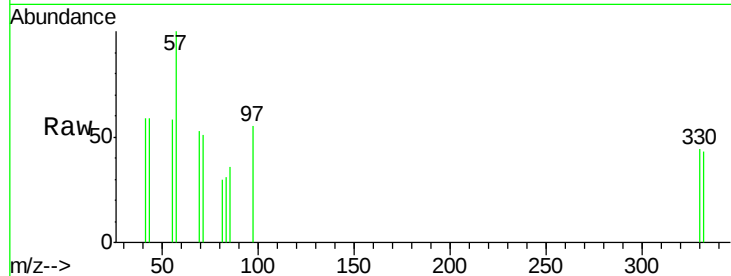
Ion 160.00 (159.70 to 160.70): E





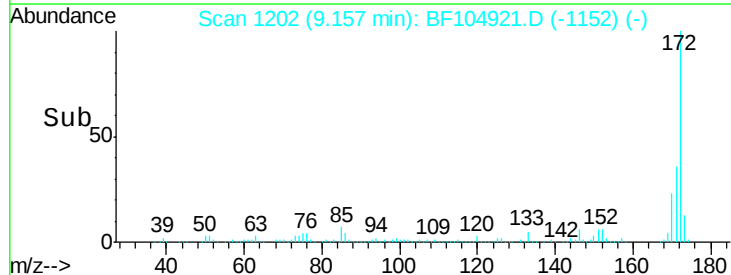
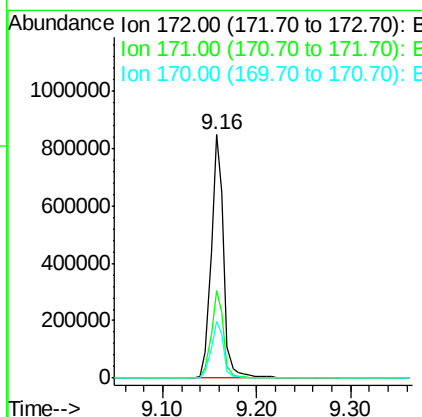
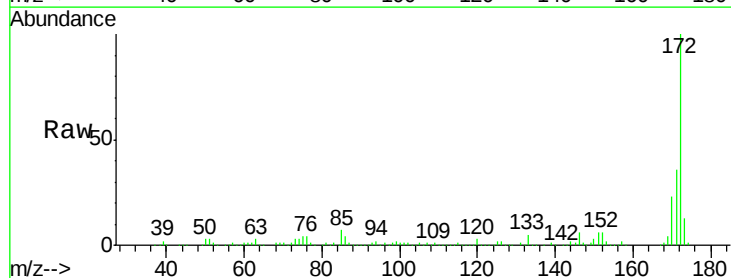
#41
 2,4,6-Tribromophenol
 Concen: 0.257 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. 0.01 min
 Lab File: BF104921.D
 Acq: 28 Apr 2018 10:06

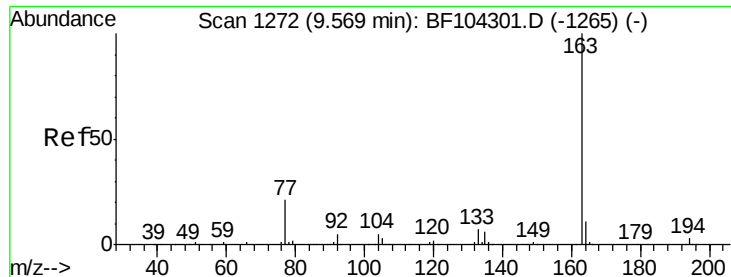
Tot Ion:330 Resp: 436
 Ion Ratio Lower Upper
 330 100
 332 103.4 77.0 115.6
 141 0.0 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 77.103 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF104921.D
 Acq: 28 Apr 2018 10:06

Tgt Ion:172 Resp: 798803
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 23.3 19.6 29.4





#49

Dimethylphthalate

Concen: 4.921 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BF104921.D

Acq: 28 Apr 2018 10:06

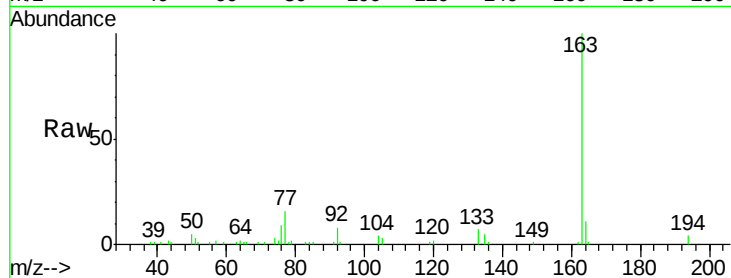
Tot Ion:163 Resp: 63507

Ion Ratio Lower Upper

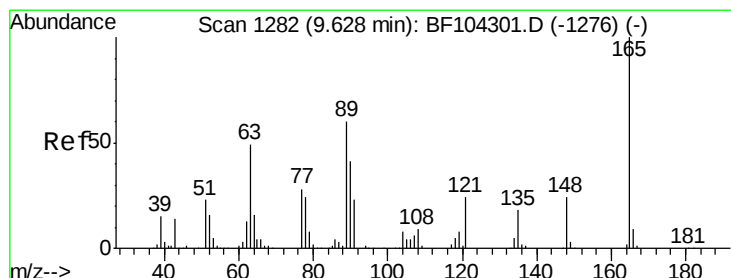
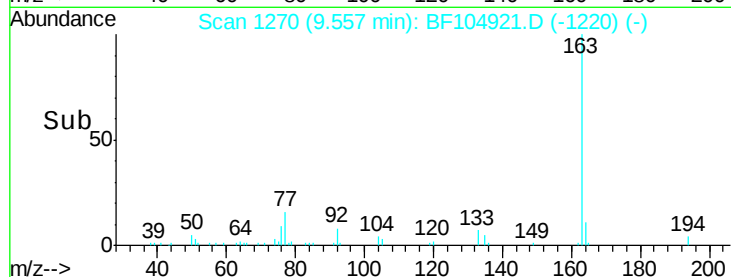
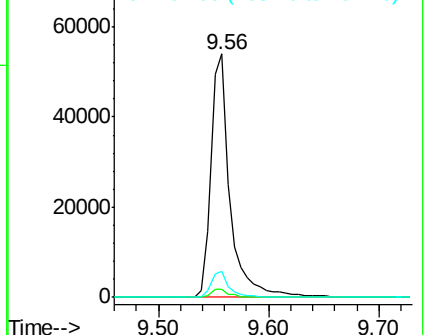
163 100

194 3.6 2.7 4.1

164 10.9 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: 8.736 ng

RT: 9.84 min Scan# 1318

Delta R.T. 0.21 min

Lab File: BF104921.D

Acq: 28 Apr 2018 10:06

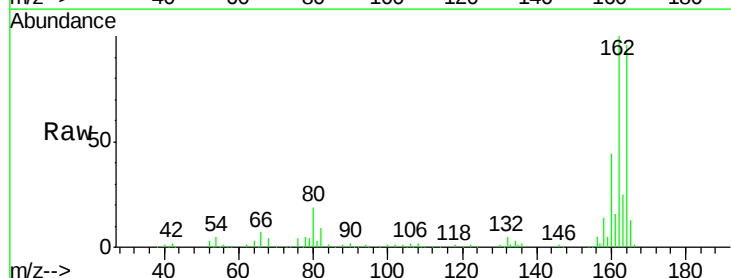
Tgt Ion:165 Resp: 20864

Ion Ratio Lower Upper

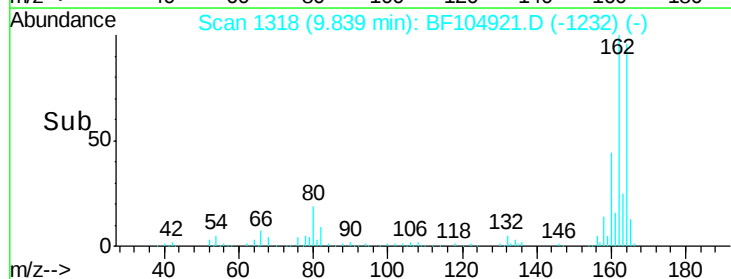
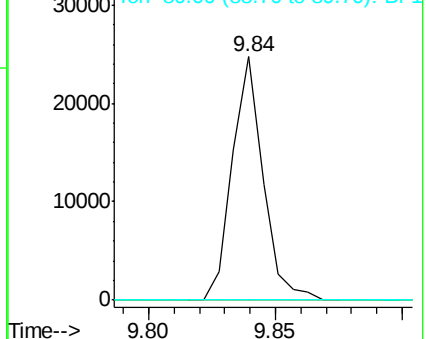
165 100

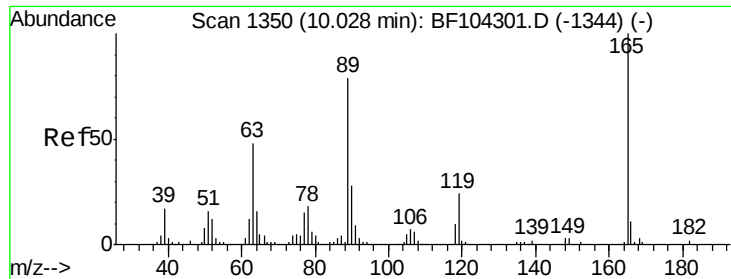
63 0.0 44.7 67.1#

89 0.0 44.0 66.0#



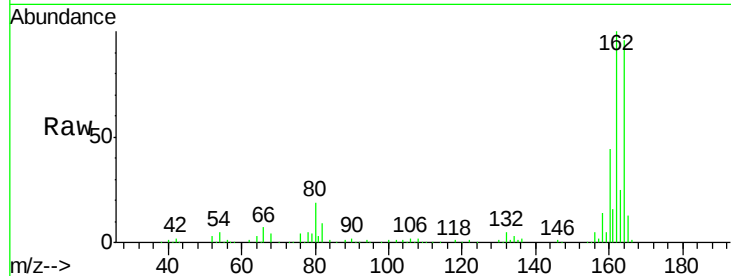
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





#56
 2,4-Dinitrotoluene
 Concen: 6.660 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.20 min
 Lab File: BF104921.D
 Acq: 28 Apr 2018 10:06

Tot Ion:	165	Resp:	20864
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#

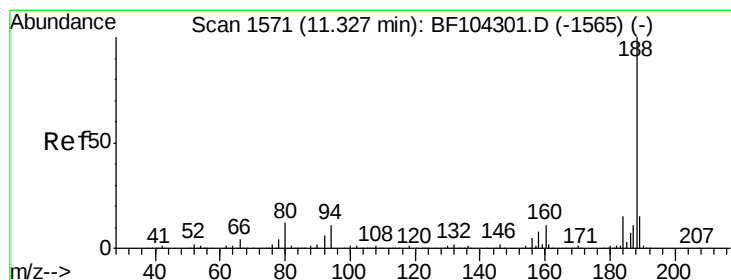
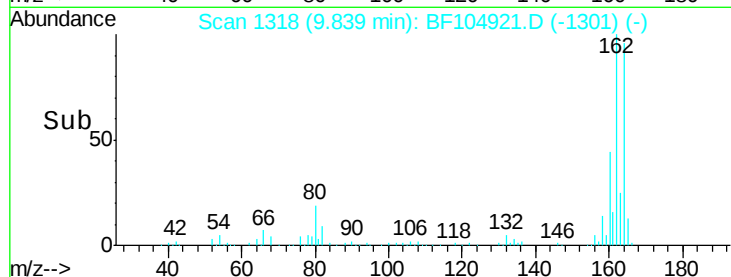
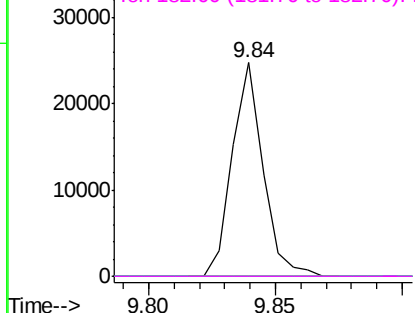


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

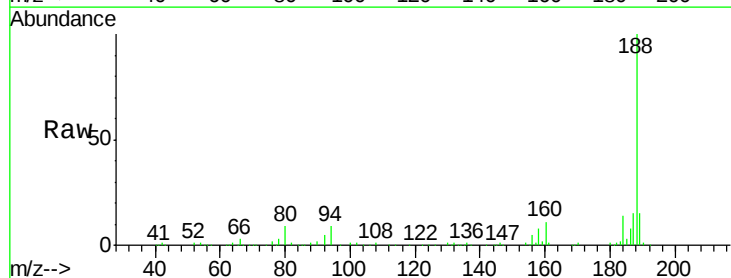
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: BF104921.D
 Acq: 28 Apr 2018 10:06

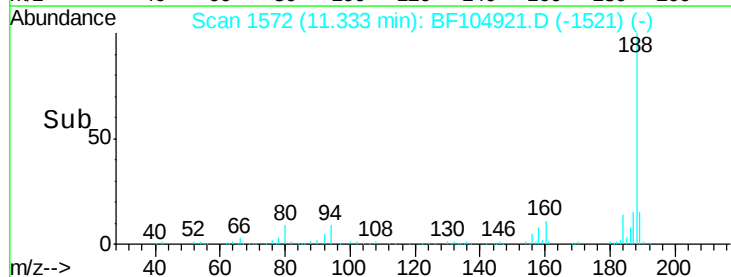
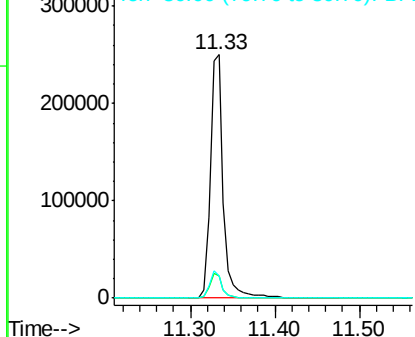
Tgt Ion:	188	Resp:	268813
Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.5	12.7
80	9.2	9.2	13.8

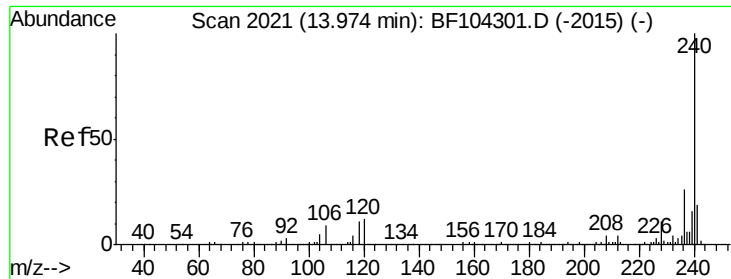


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

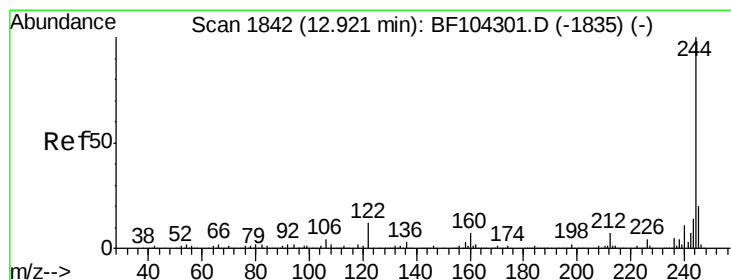
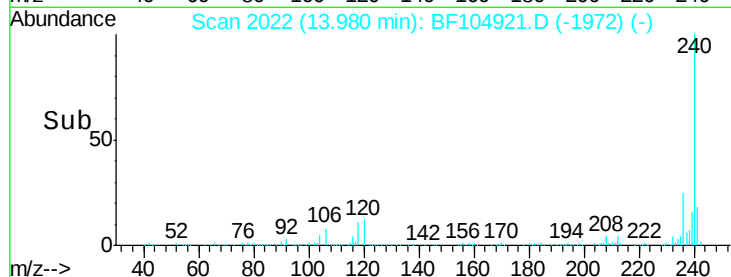
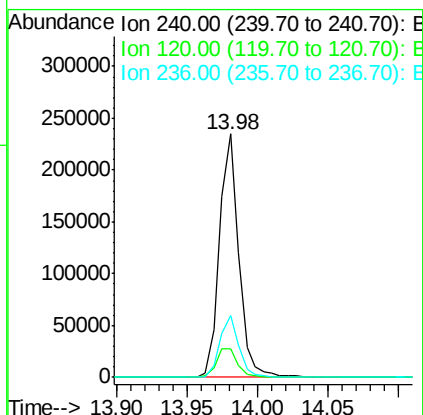
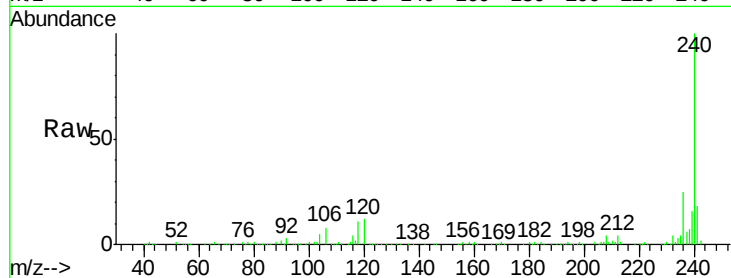
Ion 80.00 (79.70 to 80.70): BF1





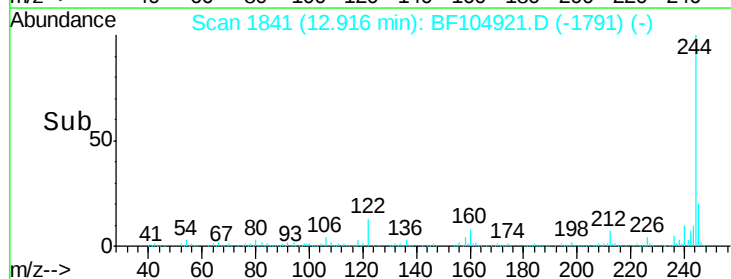
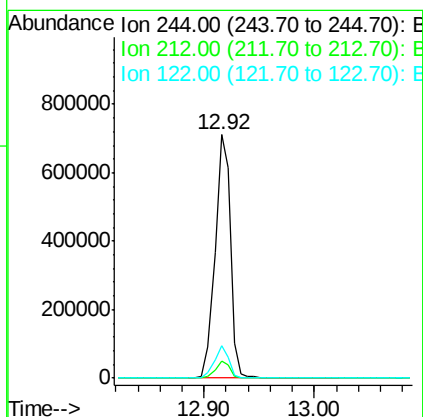
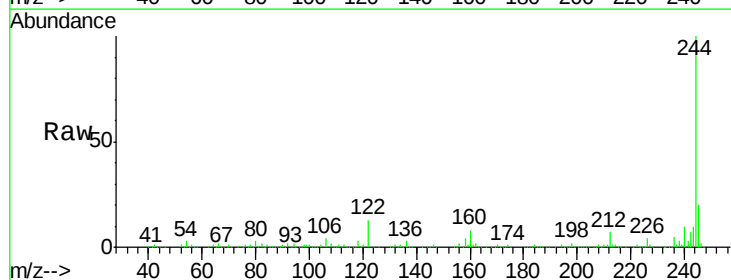
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF104921.D
Acq: 28 Apr 2018 10:06

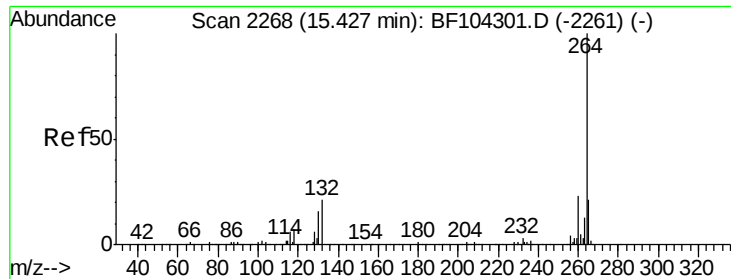
Tot Ion:240 Resp: 224314
Ion Ratio Lower Upper
240 100
120 11.8 9.5 14.3
236 25.4 20.7 31.1



#78
Terphenyl-d14
Concen: 69.109 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BF104921.D
Acq: 28 Apr 2018 10:06

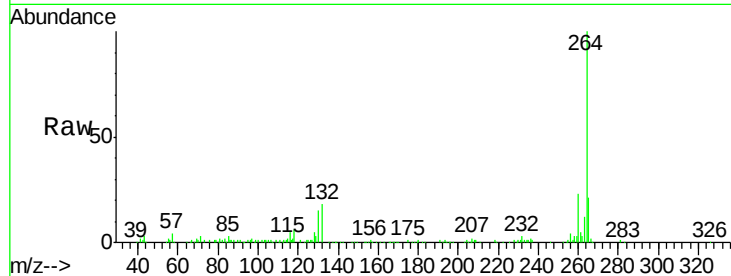
Tgt Ion:244 Resp: 679965
Ion Ratio Lower Upper
244 100
212 6.7 5.4 8.0
122 13.5 11.0 16.4





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. 0.00 min
Lab File: BF104921.D
Acq: 28 Apr 2018 10:06

Tot Ion:264	Resp:	155203
Ion Ratio	Lower	Upper
264	100	
260	23.3	19.2 28.8
265	21.0	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

