

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042718\
 Data File : BF104918.D
 Acq On : 28 Apr 2018 8:46
 Operator : JU/SJ
 Sample : J2565-08
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

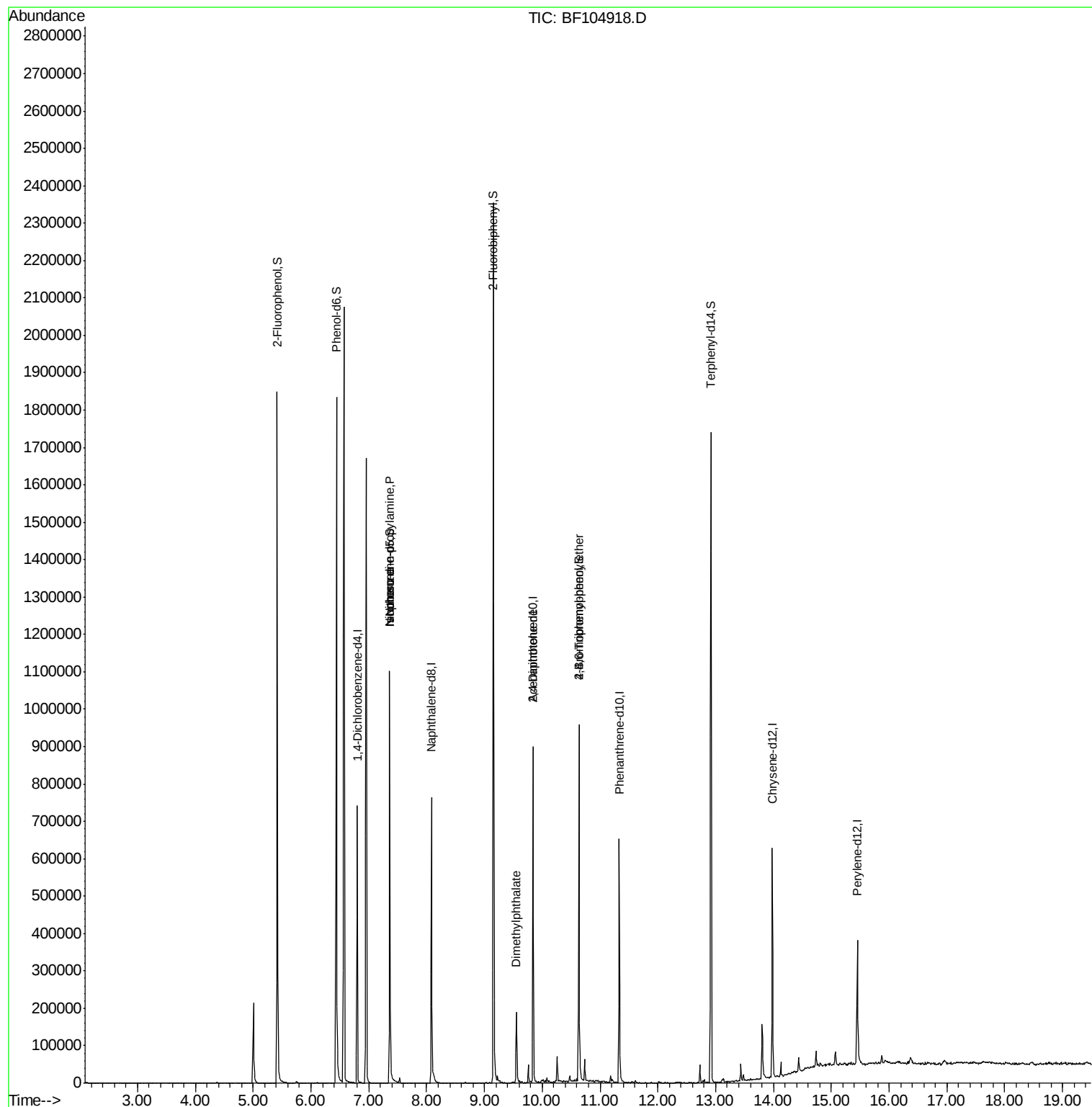
Quant Time: Apr 30 02:25:26 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 27 17:16:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	103719	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	411694	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	168451	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	275732	20.00	ng	0.00
75) Chrysene-d12	13.98	240	218446	20.00	ng	0.00
86) Perylene-d12	15.45	264	153579	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	574313	84.67	ng	0.00
7) Phenol-d6	6.44	99	687282	82.46	ng	0.00
23) Nitrobenzene-d5	7.36	82	403810	64.05	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	133076	76.16	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	727892	68.26	ng	0.00
78) Terphenyl-d14	12.92	244	597316	62.34	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	52805	9.696	ng	# 73
25) Isophorone	7.36	82	403803	30.287	ng	# 64
49) Dimethylphthalate	9.55	163	91617	6.897	ng	# 99
56) 2,4-Dinitrotoluene	9.84	165	21026	6.521	ng	# 23
66) 4-Bromophenyl-phenylether	10.63	248	7724	2.634	ng	# 1
76) Benzidine	12.92	184	7666	Below Cal		# 92

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

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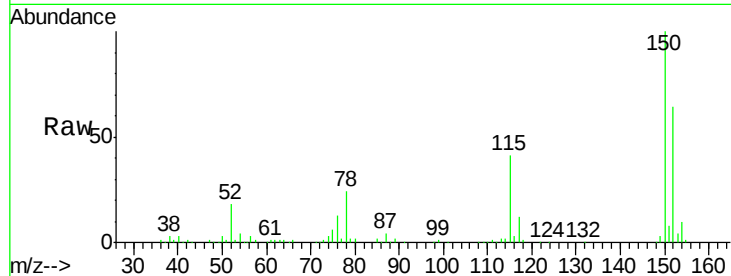




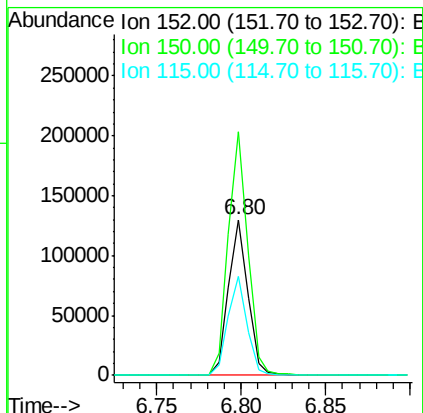
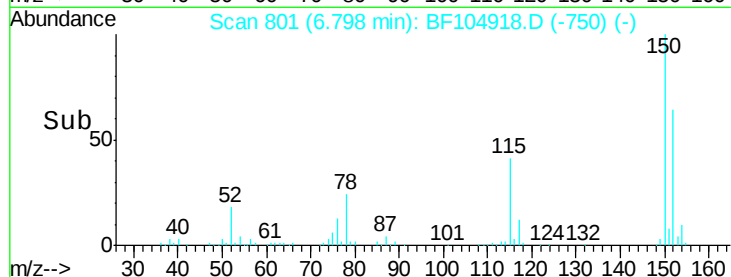
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF104918.D
Acq: 28 Apr 2018 8:46

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.6	186.8
115	63.7	50.1	75.1



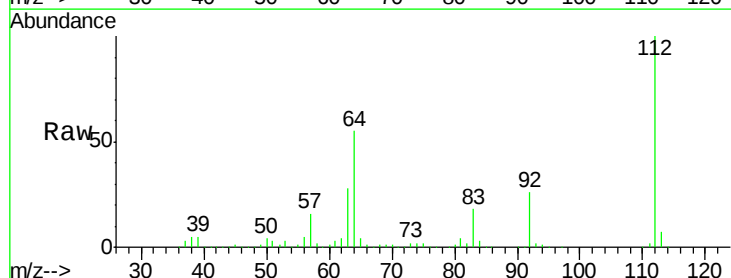
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



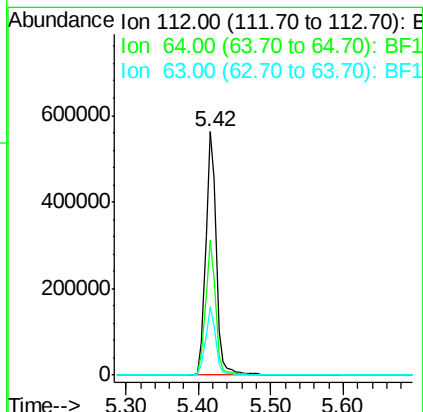
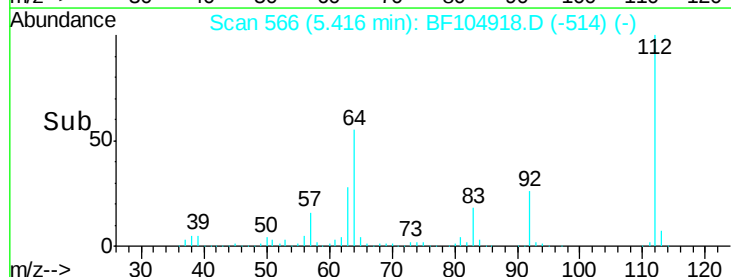
#5

2-Fluorophenol
Concen: 84.667 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF104918.D
Acq: 28 Apr 2018 8:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.3	47.9	71.9
63	28.1	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: 82.464 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF104918.D

Acq: 28 Apr 2018 8:46

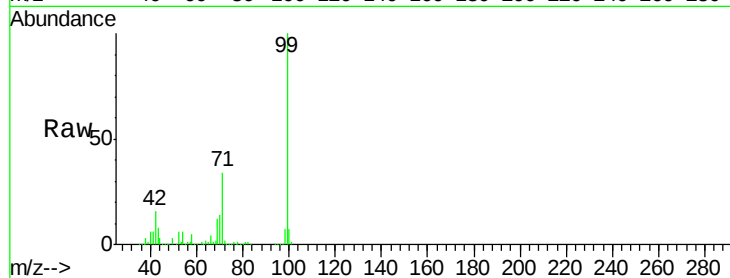
Tot Ion: 99 Resp: 687282

Ion Ratio Lower Upper

99 100

42 15.6 14.5 21.7

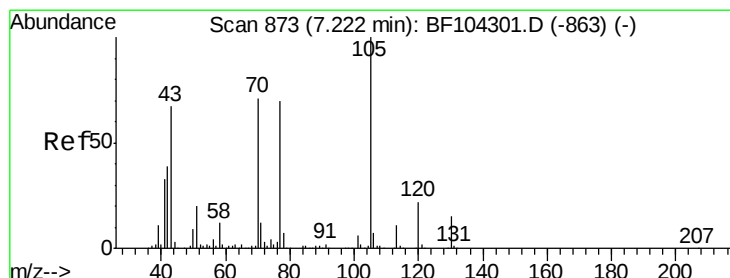
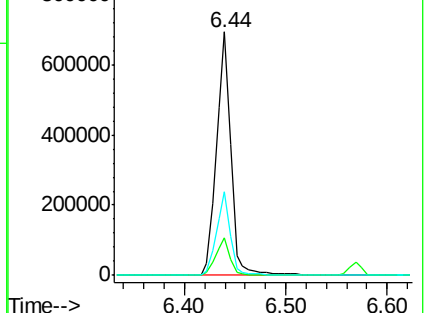
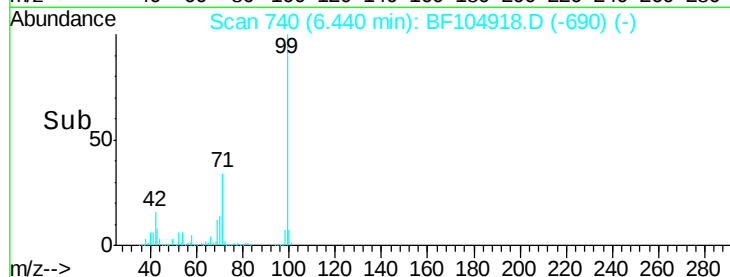
71 34.1 25.4 38.0



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: 9.696 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.15 min

Lab File: BF104918.D

Acq: 28 Apr 2018 8:46

Tgt Ion: 70 Resp: 52805

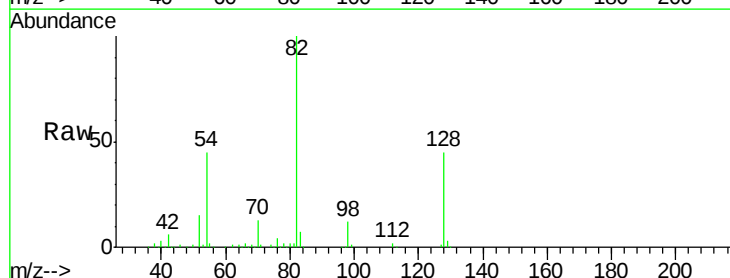
Ion Ratio Lower Upper

70 100

42 42.7 47.5 71.3#

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

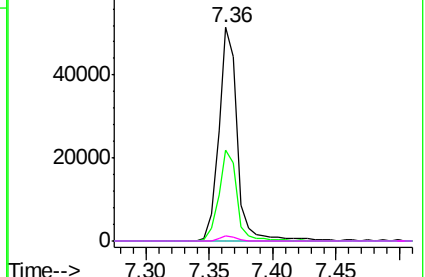
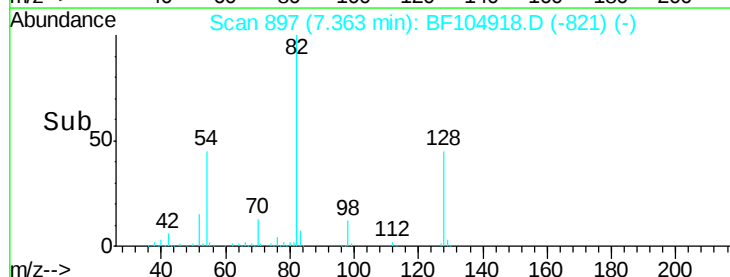


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

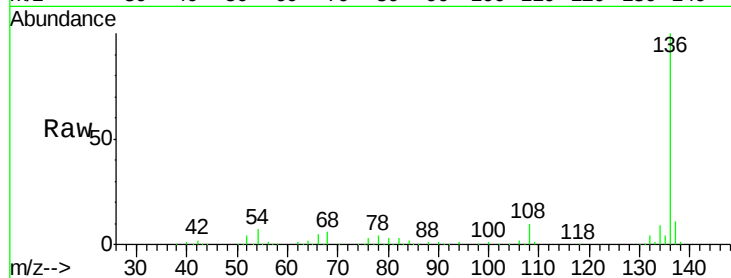
Ion 130.00 (129.70 to 130.70): BF1



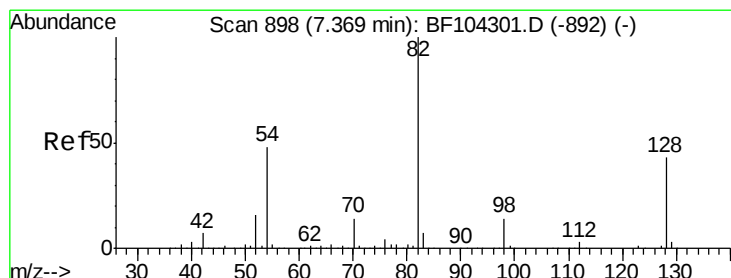
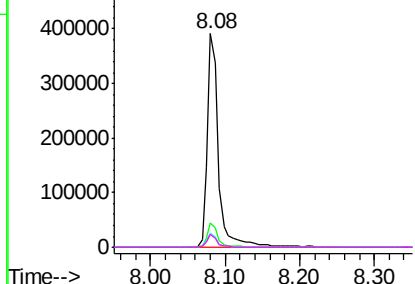
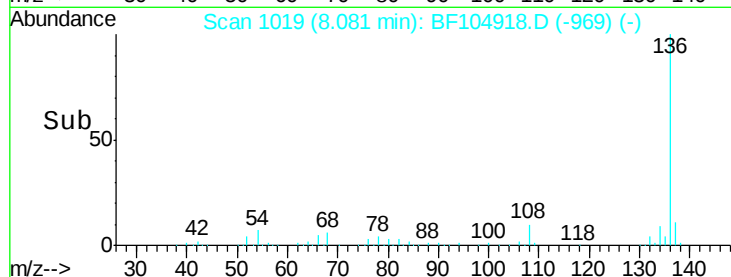


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF104918.D
Acq: 28 Apr 2018 8:46

Tot Ion:136	Resp:	411694
Ion Ratio	Lower	Upper
136 100		
137 11.3	8.9	13.3
54 6.8	6.6	9.8
68 5.7	5.0	7.4

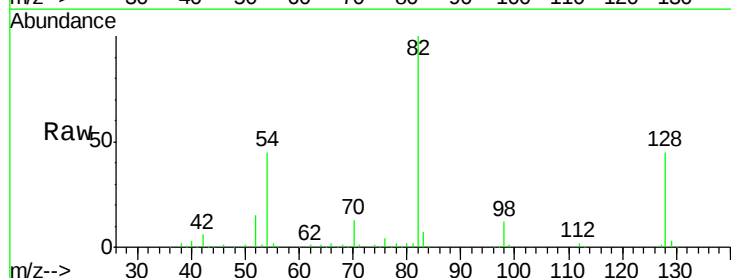


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

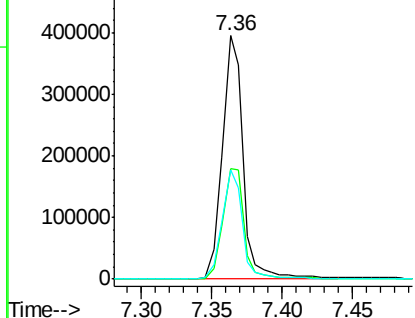
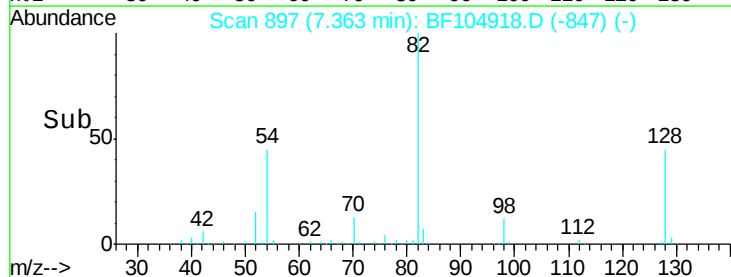


#23
Nitrobenzene-d5
Concen: 64.048 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF104918.D
Acq: 28 Apr 2018 8:46

Tgt	Ion: 82	Resp:	403810
Ion	Ratio	Lower	Upper
82	100		
128	45.4	36.1	54.1
54	45.0	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: 30.287 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.26 min

Lab File: BF104918.D

Acq: 28 Apr 2018 8:46

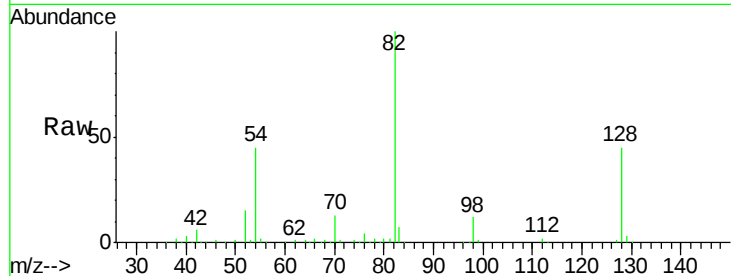
Tot Ion: 82 Resp: 403803

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

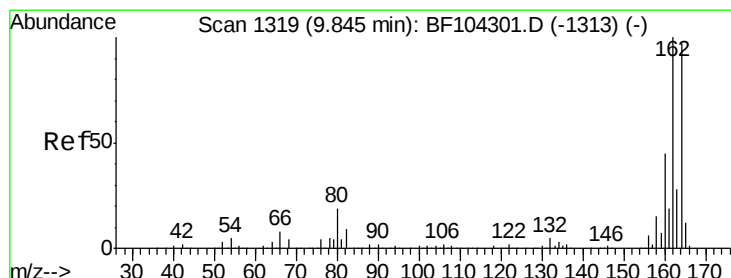
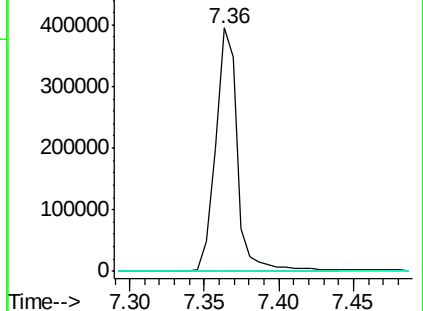
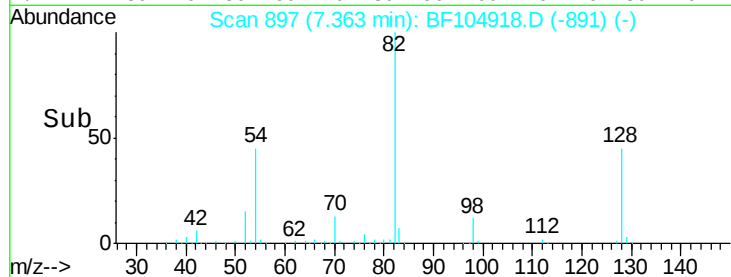
138 0.0 14.9 22.3#



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: 9.84 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BF104918.D

Acq: 28 Apr 2018 8:46

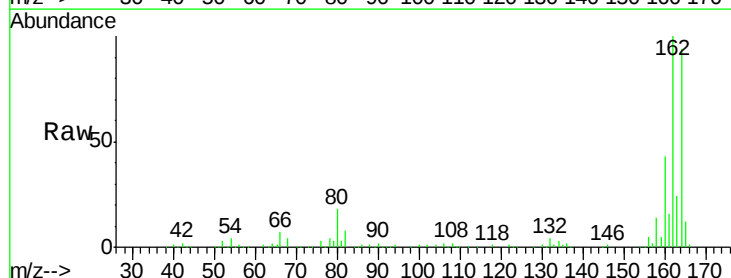
Tgt Ion: 164 Resp: 168451

Ion Ratio Lower Upper

164 100

162 106.9 86.1 129.1

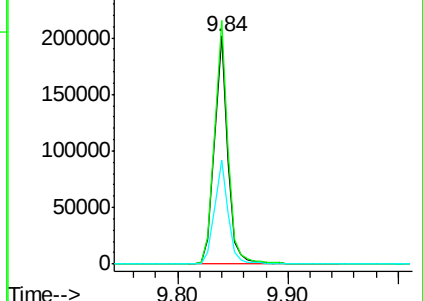
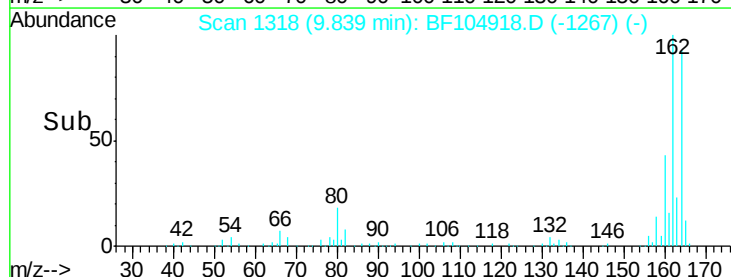
160 45.5 38.3 57.5

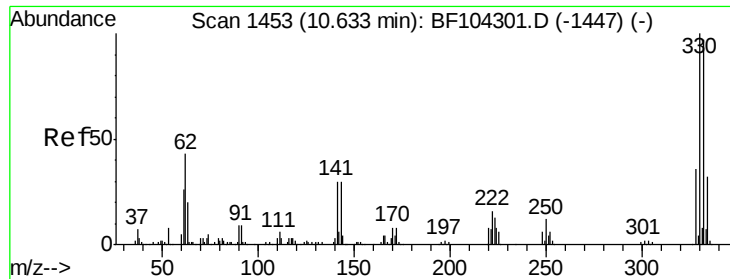


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

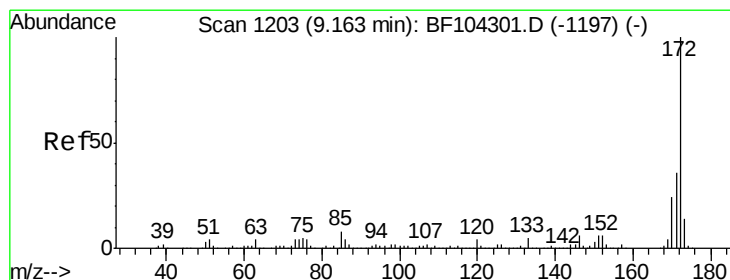
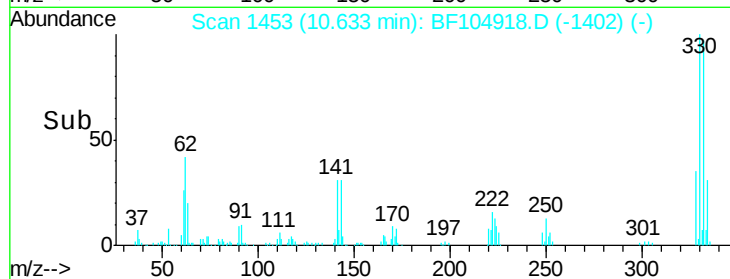
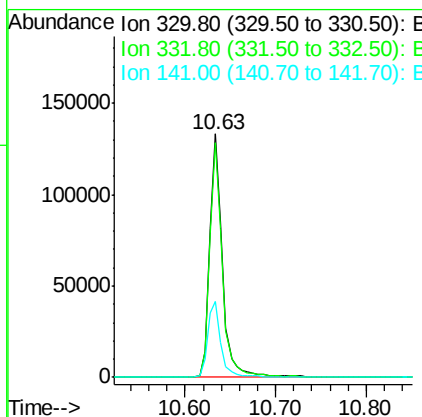
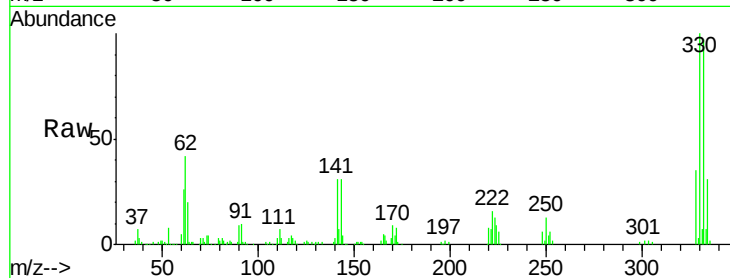
Ion 160.00 (159.70 to 160.70): E





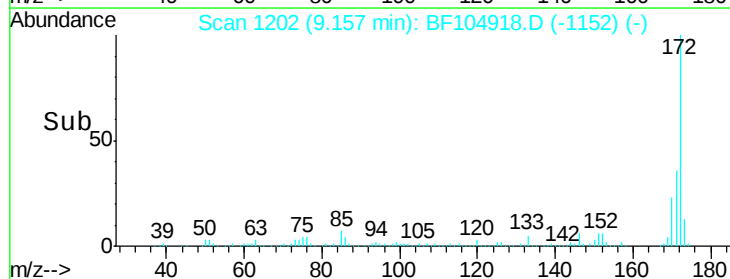
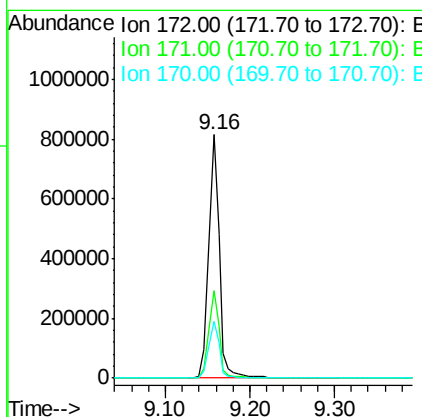
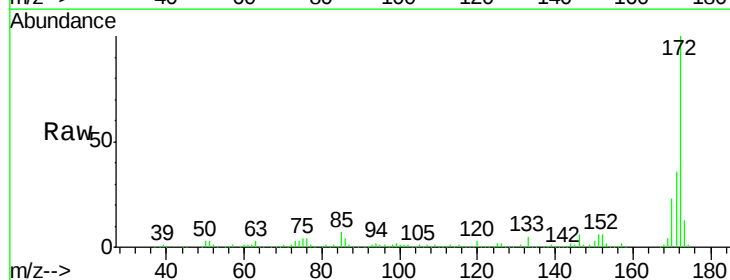
#41
 2,4,6-Tribromophenol
 Concen: 76.157 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. 0.00 min
 Lab File: BF104918.D
 Acq: 28 Apr 2018 8:46

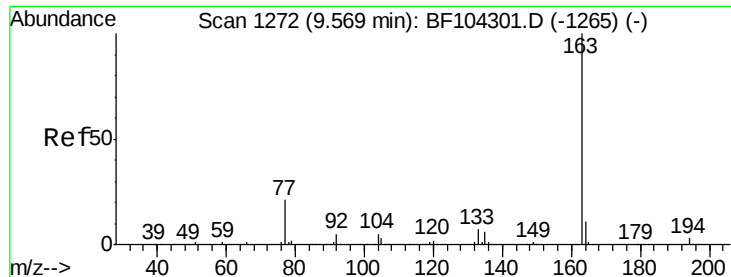
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	32.4	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 68.262 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF104918.D
 Acq: 28 Apr 2018 8:46

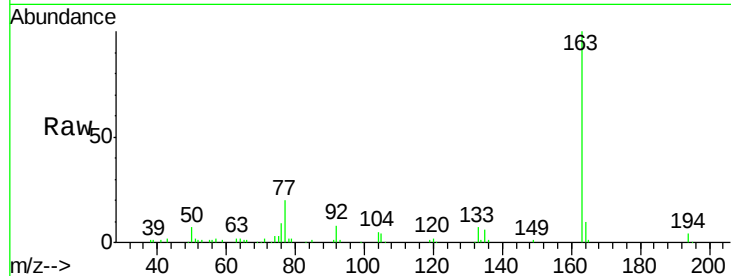
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.3	19.6	29.4



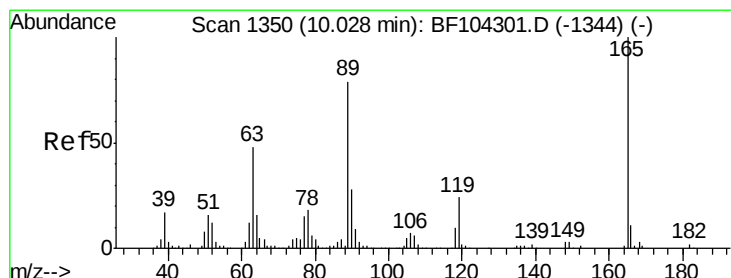
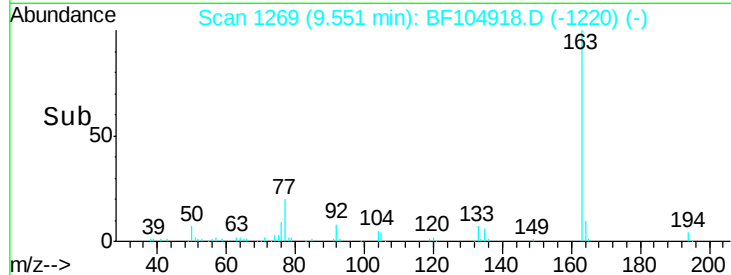
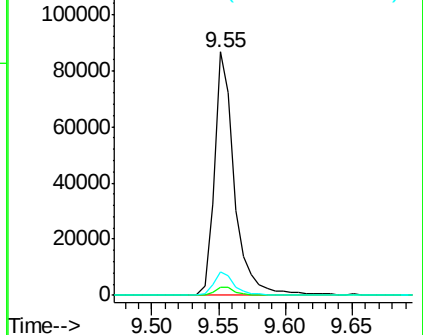


#49
Dimethylphthalate
Concen: 6.897 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF104918.D
Acq: 28 Apr 2018 8:46

Tot Ion:163 Resp: 91617
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 9.6 8.2 12.2

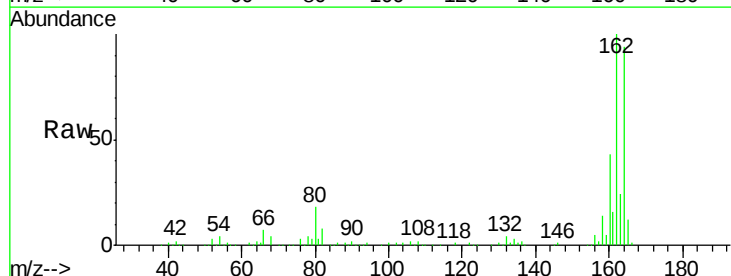


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

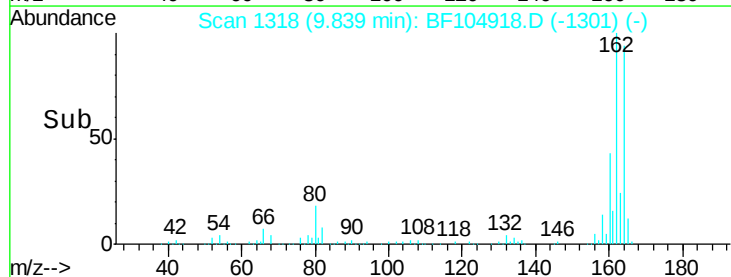
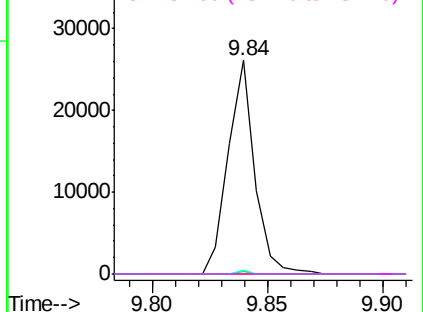


#56
2,4-Dinitrotoluene
Concen: 6.521 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.20 min
Lab File: BF104918.D
Acq: 28 Apr 2018 8:46

Tgt Ion:165 Resp: 21026
Ion Ratio Lower Upper
165 100
63 1.2 36.4 54.6#
89 1.7 57.8 86.6#
182 0.0 1.6 2.4#



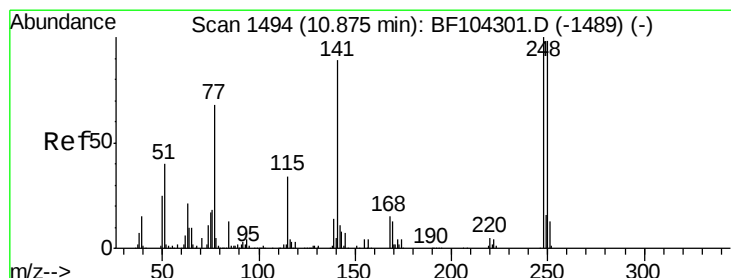
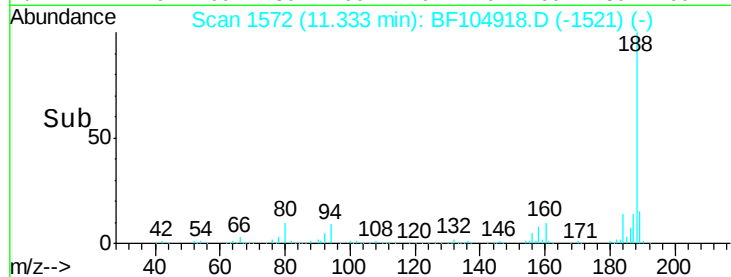
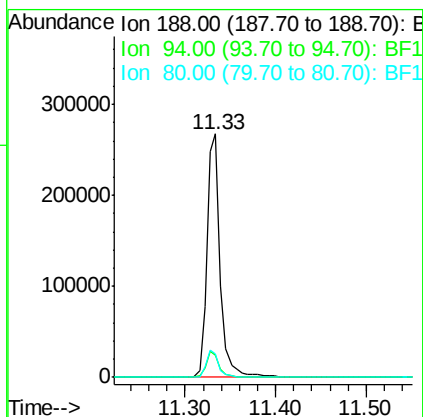
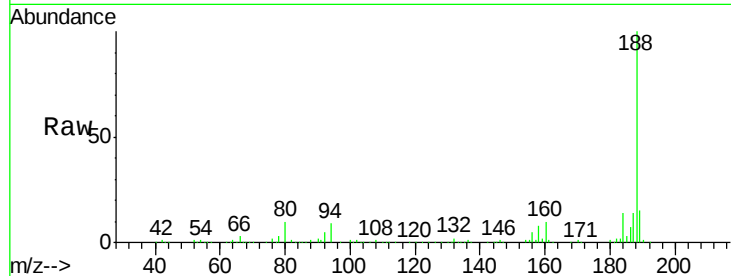
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E





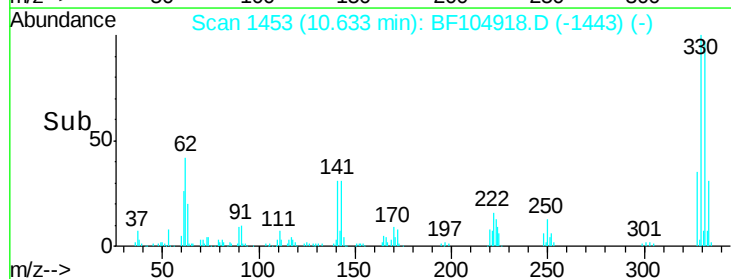
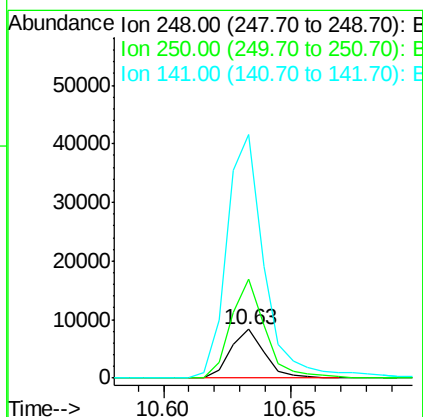
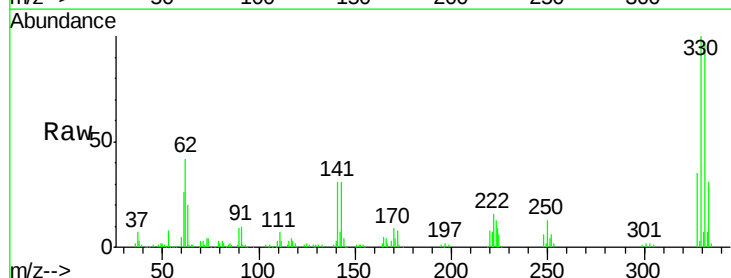
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF104918.D
Acq: 28 Apr 2018 8:46

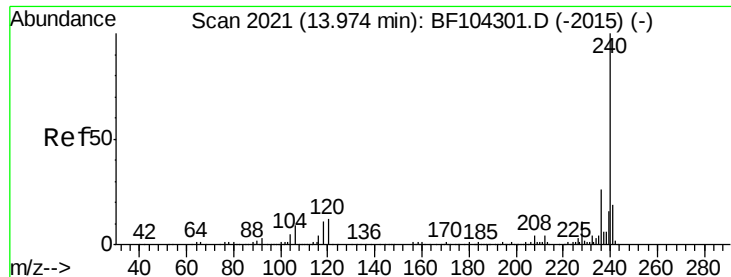
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.5	12.7
80	9.7	9.2	13.8



#66
4-Bromophenyl-phenylether
Concen: 2.634 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.24 min
Lab File: BF104918.D
Acq: 28 Apr 2018 8:46

Tgt Ion	Ratio	Lower	Upper
248	100		
250	203.4	76.9	115.3#
141	502.2	74.4	111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF104918.D

Acq: 28 Apr 2018 8:46

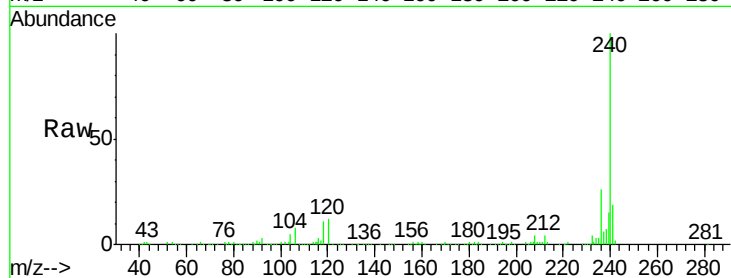
Tot Ion:240 Resp: 218446

Ion Ratio Lower Upper

240 100

120 11.9 9.5 14.3

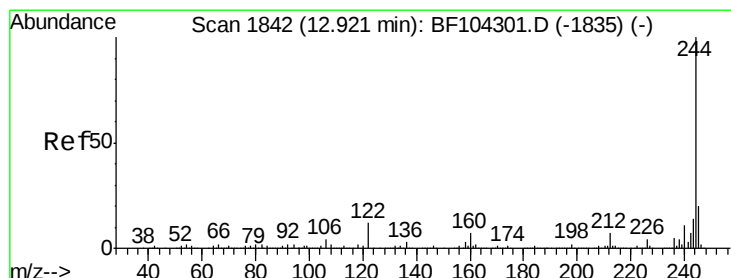
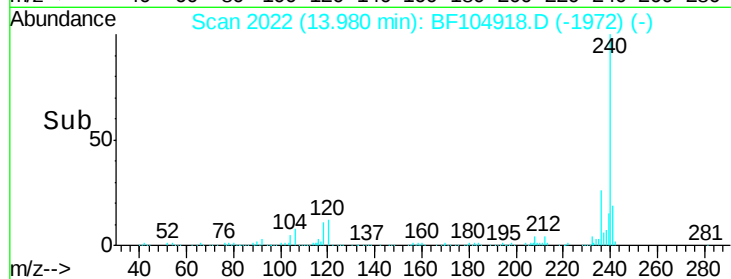
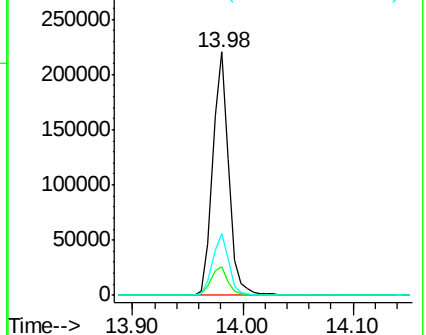
236 25.7 20.7 31.1



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: 62.339 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BF104918.D

Acq: 28 Apr 2018 8:46

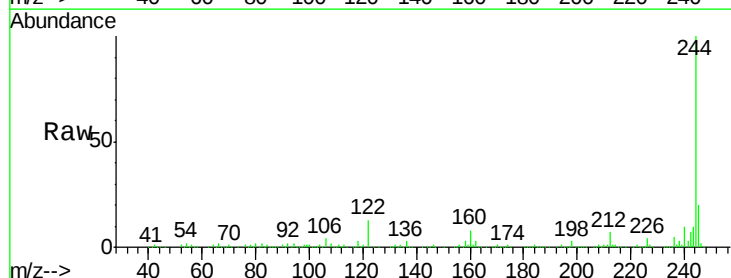
Tgt Ion:244 Resp: 597316

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

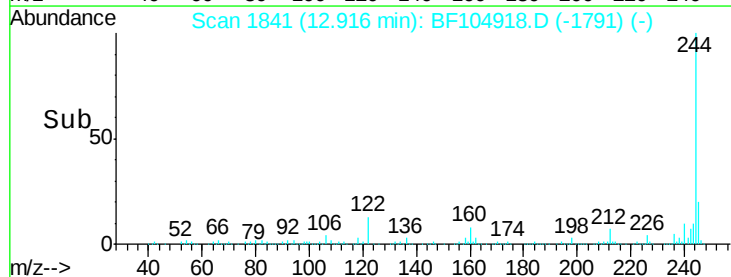
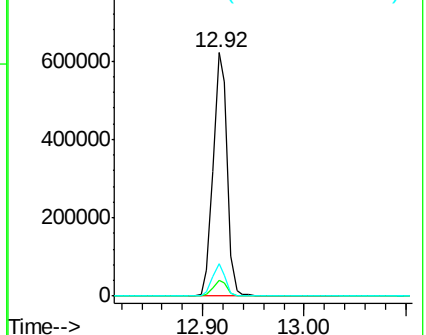
122 13.3 11.0 16.4

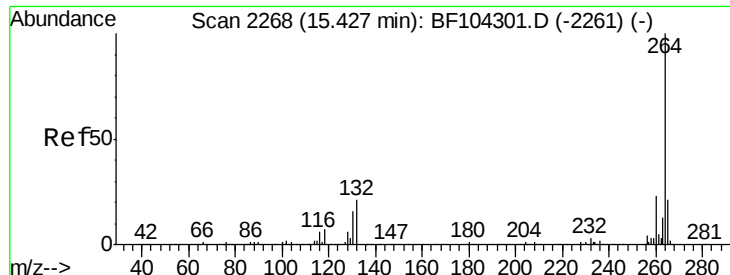


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

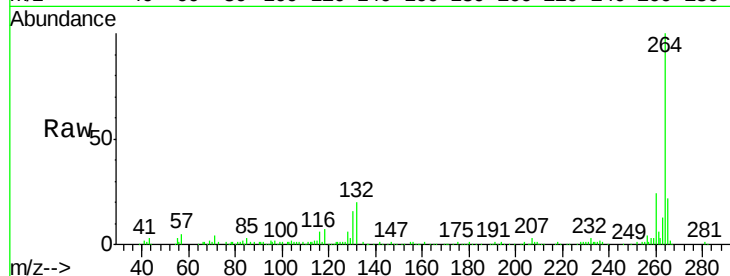
Ion 122.00 (121.70 to 122.70): E





#86
 Pervlone-d12
 Concen: 20.000 ng
 RT: 15.45 min Scan# 2272
 Delta R.T. 0.00 min
 Lab File: BF104918.D
 Acq: 28 Apr 2018 8:46

Tot Ion:	264	Resp:	153579
Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.9	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

