

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042718\
 Data File : BF104914.D
 Acq On : 28 Apr 2018 7:01
 Operator : JU/SJ
 Sample : J2574-01
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

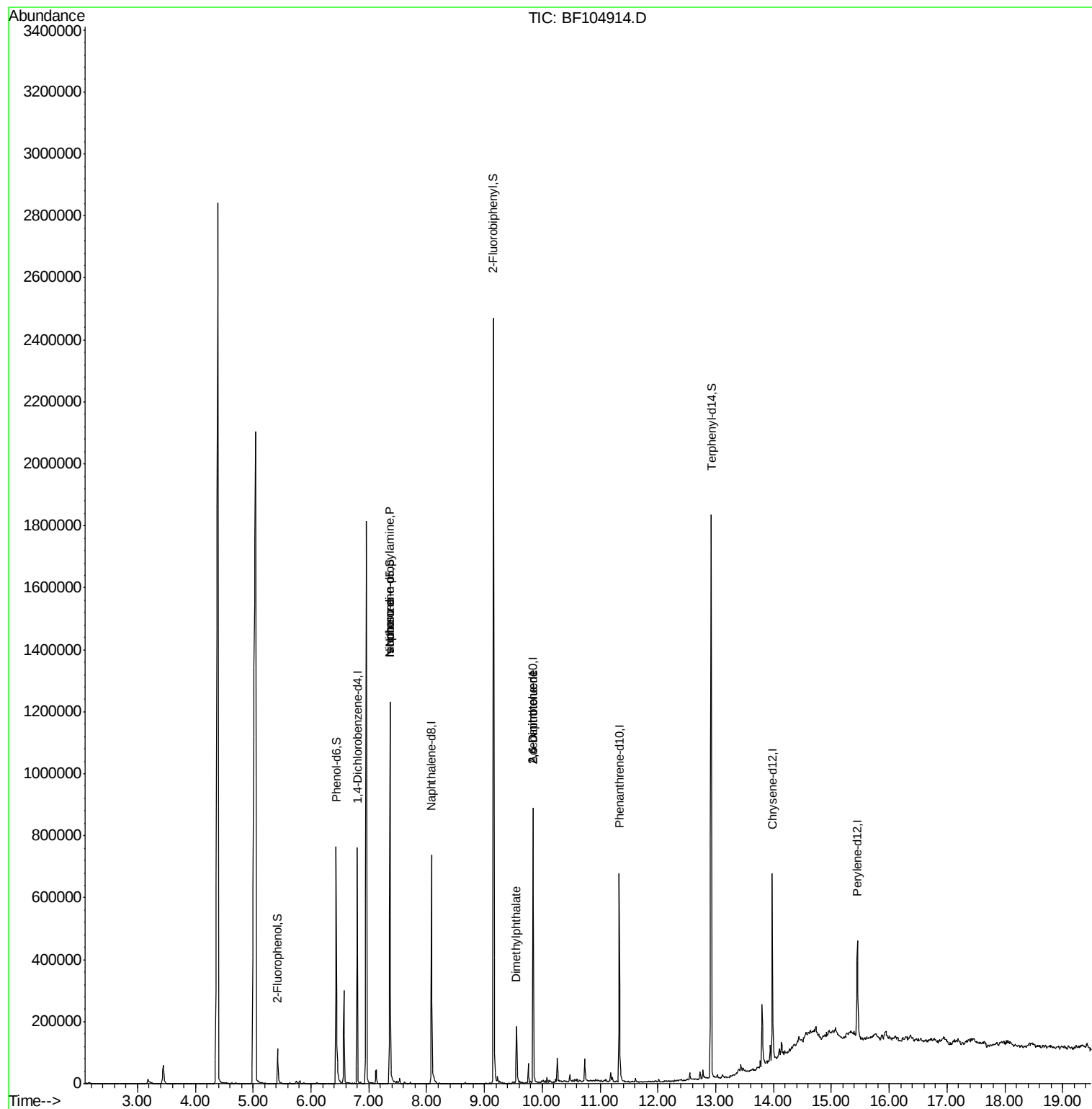
Quant Time: Apr 30 02:23:36 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 27 17:16:11 2018
 Response via : Initial Calibration

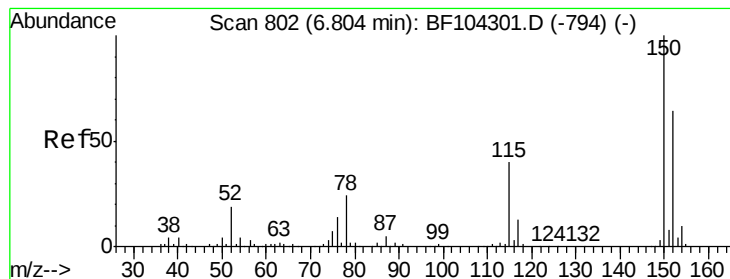
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	102455	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	416477	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	174036	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	269668	20.00	ng	0.00
75) Chrysene-d12	13.98	240	204745	20.00	ng	0.00
86) Perylene-d12	15.45	264	152015	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	45642	6.81	ng	0.01
7) Phenol-d6	6.43	99	308984	37.53	ng	-0.01
23) Nitrobenzene-d5	7.37	82	456863	71.63	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	600	0.33	ng	0.01
44) 2-Fluorobiphenyl	9.16	172	832248	75.54	ng	0.00
78) Terphenyl-d14	12.92	244	655010	72.94	ng	0.00
Target Compounds						
9) Benzaldehyde	6.43	77	123	Below Cal	Qvalue	
19) n-Nitroso-di-n-propylamine	7.37	70	57177	10.628 ng	#	1
25) Isophorone	7.37	82	456861	33.873 ng	#	71
49) Dimethylphthalate	9.56	163	95414	6.952 ng	#	64
50) 2,6-Dinitrotoluene	9.84	165	22098	8.702 ng	#	98
56) 2,4-Dinitrotoluene	9.84	165	22098	6.634 ng	#	24
76) Benizidine	12.92	184	8413	Below Cal	#	21
						97

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

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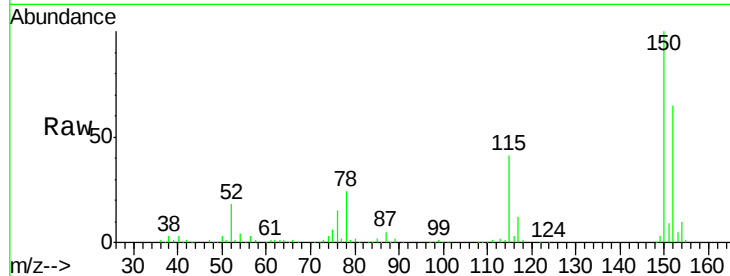




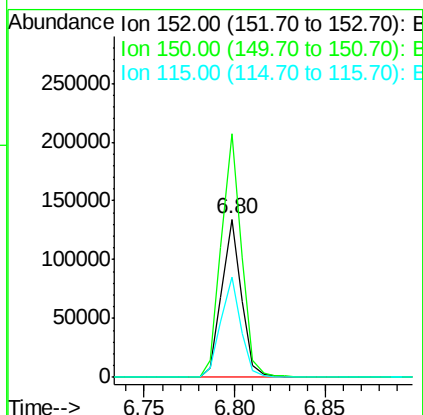
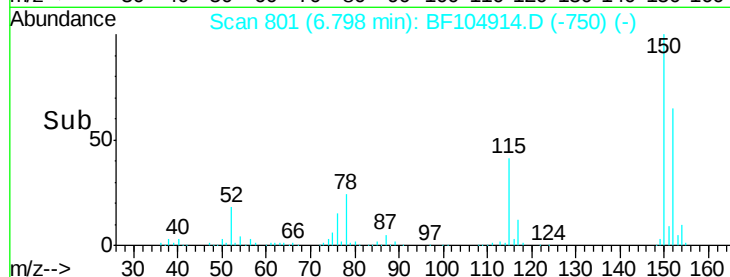
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF104914.D
Acq: 28 Apr 2018 7:01

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.7	124.6	186.8
115	63.1	50.1	75.1



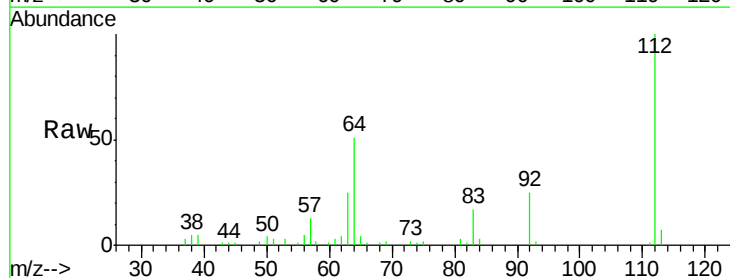
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



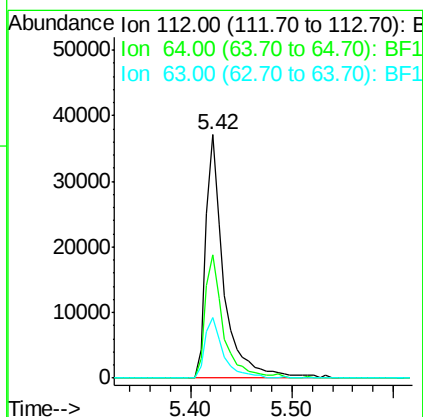
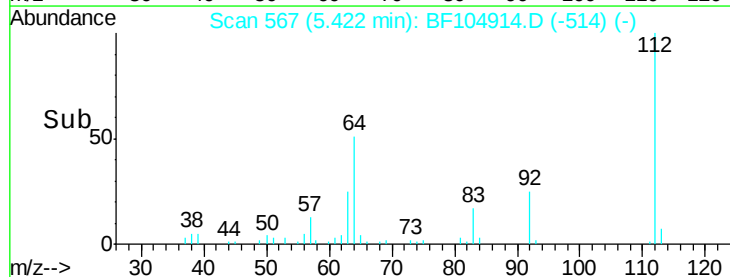
#5

2-Fluorophenol
Concen: 6.812 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF104914.D
Acq: 28 Apr 2018 7:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.7	47.9	71.9
63	24.7	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: 37.531 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF104914.D

Acq: 28 Apr 2018 7:01

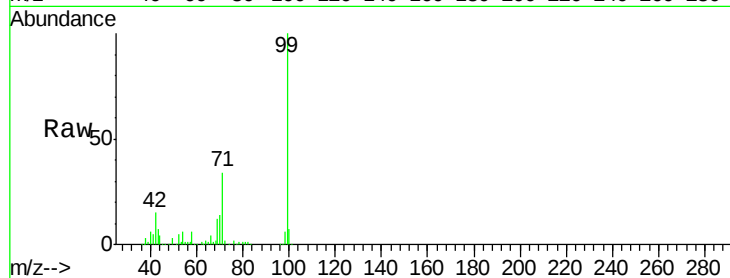
Tot Ion: 99 Resp: 308984

Ion Ratio Lower Upper

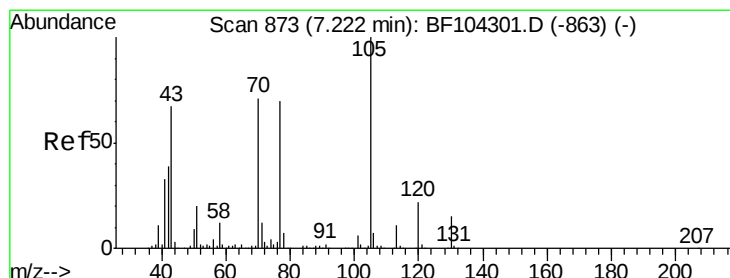
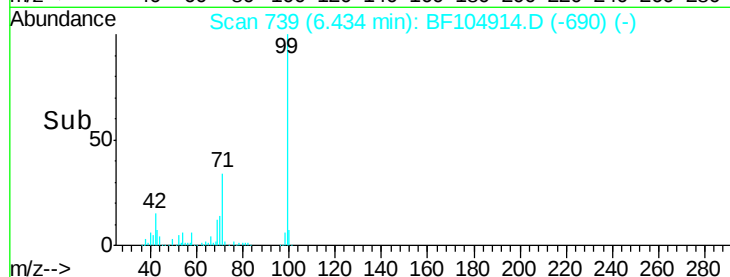
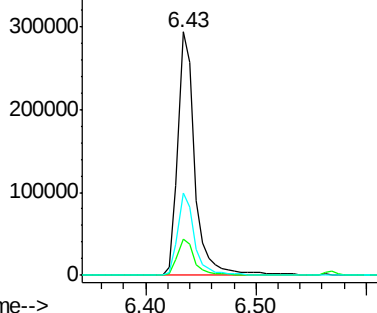
99 100

42 15.1 14.5 21.7

71 33.9 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: 10.628 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.15 min

Lab File: BF104914.D

Acq: 28 Apr 2018 7:01

Tgt Ion: 70 Resp: 57177

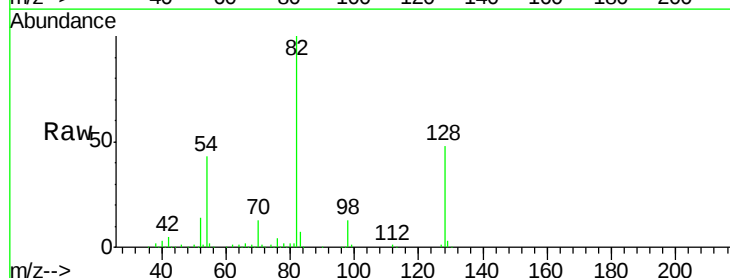
Ion Ratio Lower Upper

70 100

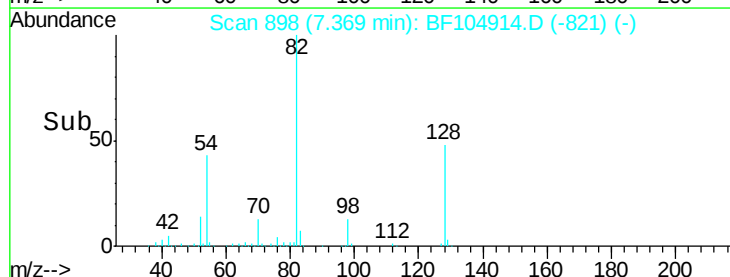
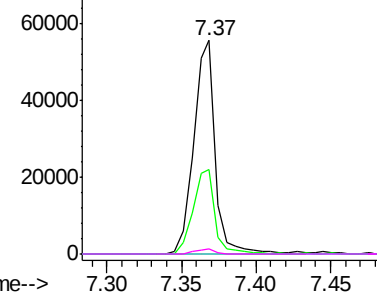
42 39.5 47.5 71.3#

101 0.0 7.4 11.2#

130 2.4 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: 8.09 min Scan# 1020

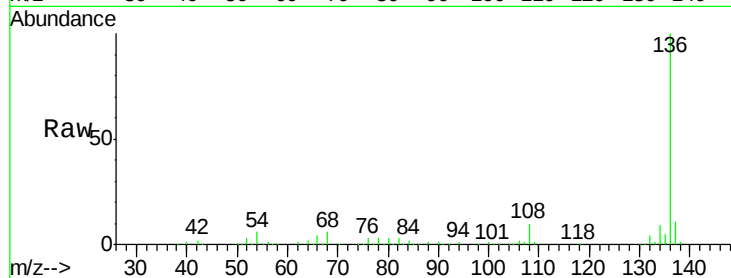
Delta R.T. 0.00 min

Lab File: BF104914.D

Acq: 28 Apr 2018 7:01

Tot Ion:136 Resp: 416477

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	5.9	6.6	9.8#
68	5.6	5.0	7.4

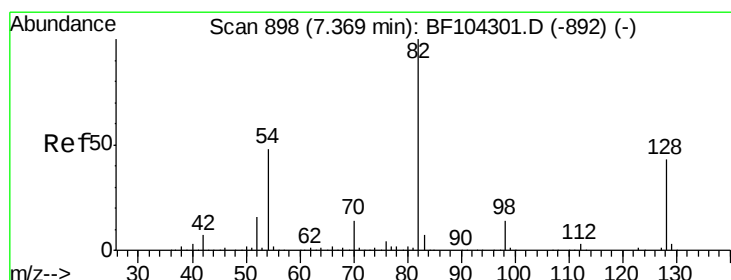
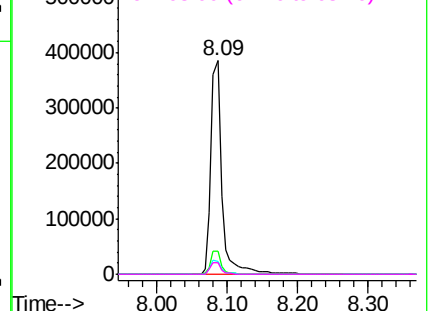
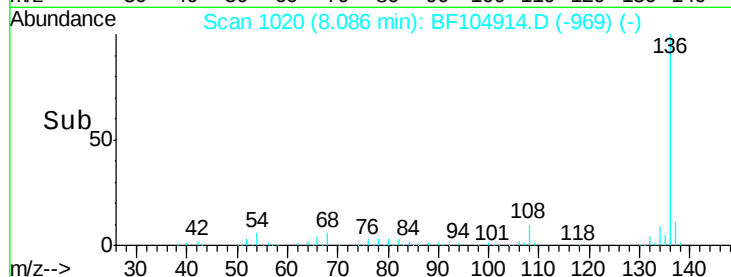


Abundance Ion 136.00 (135.70 to 136.70): E

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: 71.630 ng

RT: 7.37 min Scan# 898

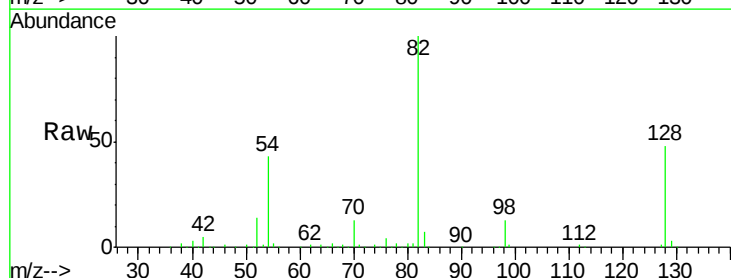
Delta R.T. 0.00 min

Lab File: BF104914.D

Acq: 28 Apr 2018 7:01

Tgt Ion: 82 Resp: 456863

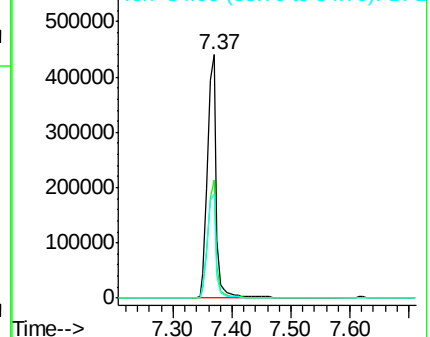
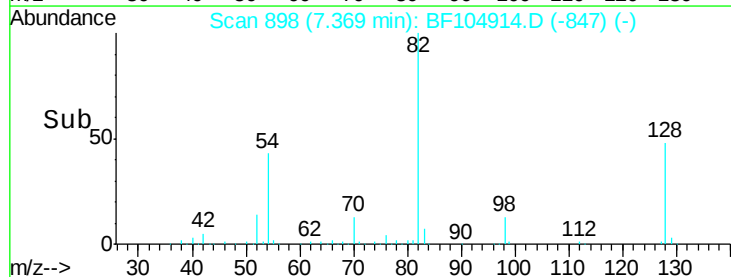
Ion	Ratio	Lower	Upper
82	100		
128	48.4	36.1	54.1
54	42.6	41.4	62.2



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: 33.873 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.26 min

Lab File: BF104914.D

Acq: 28 Apr 2018 7:01

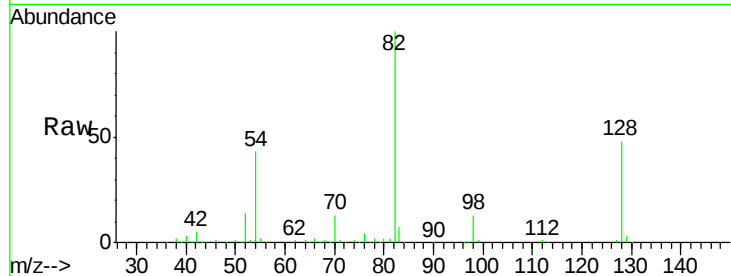
Tot Ion: 82 Resp: 456861

Ion Ratio Lower Upper

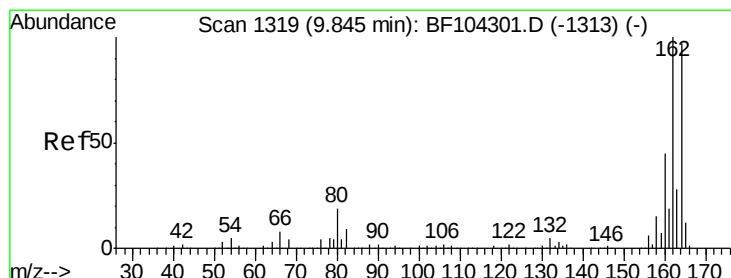
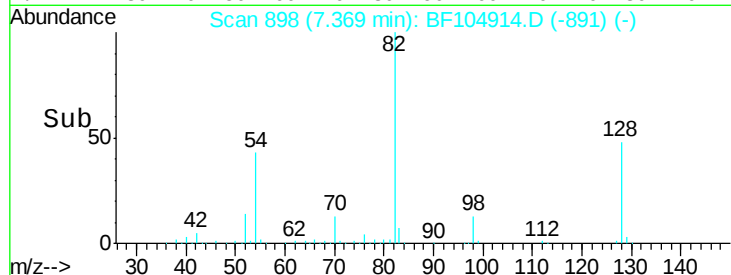
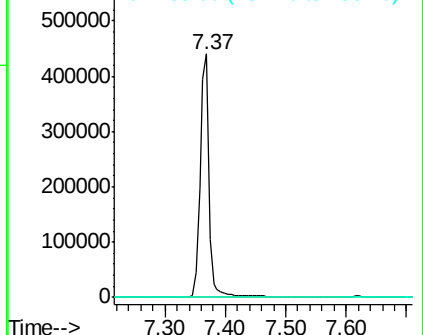
82 100

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: BF104914.D

Acq: 28 Apr 2018 7:01

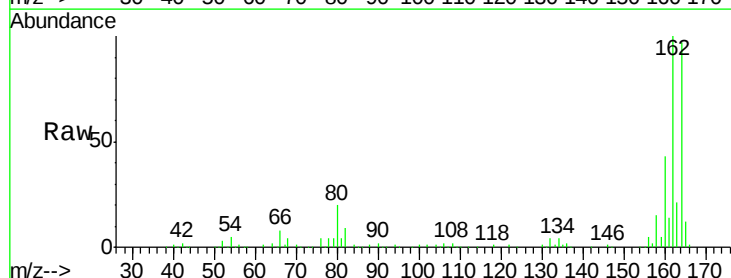
Tgt Ion: 164 Resp: 174036

Ion Ratio Lower Upper

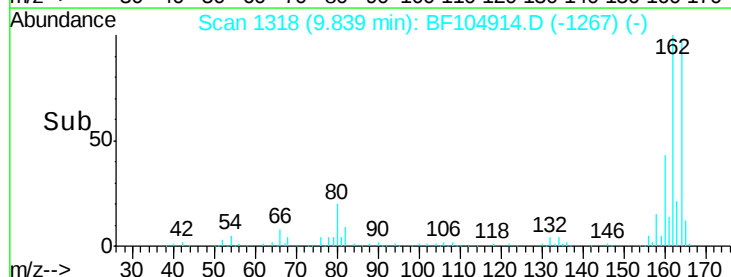
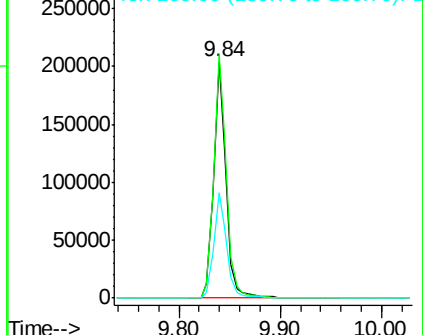
164 100

162 103.0 86.1 129.1

160 44.7 38.3 57.5



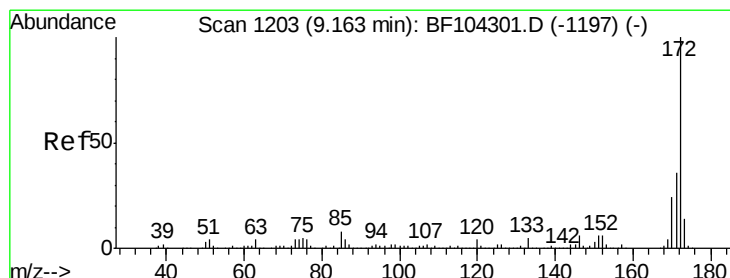
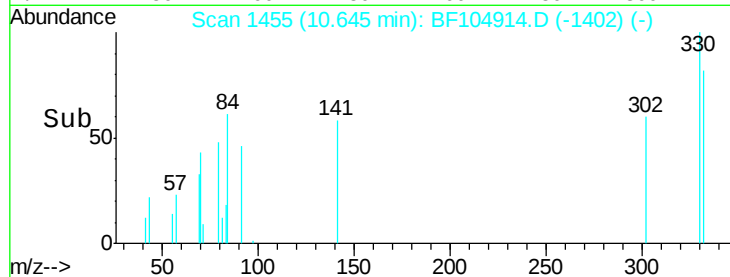
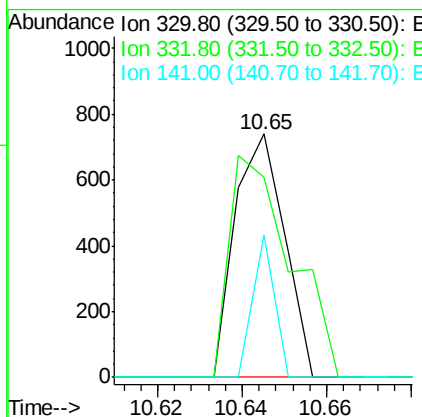
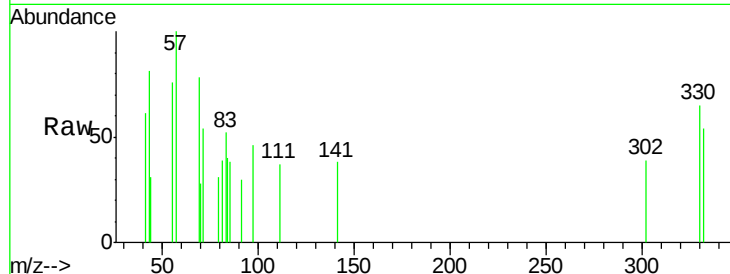
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





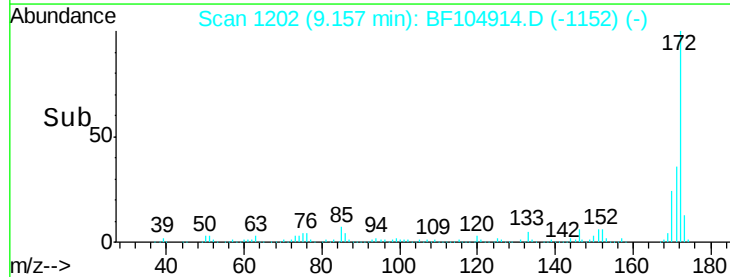
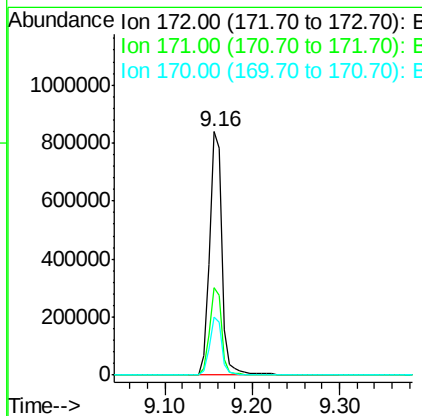
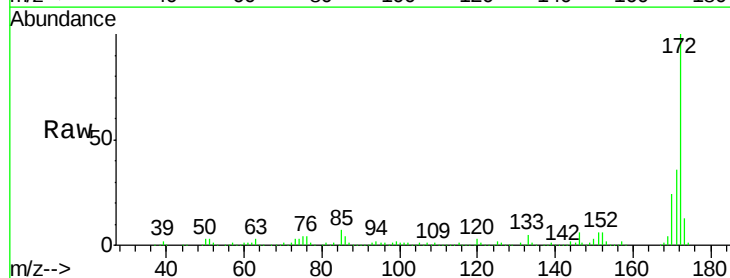
#41
 2,4,6-Tribromophenol
 Concen: 0.332 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. 0.01 min
 Lab File: BF104914.D
 Acq: 28 Apr 2018 7:01

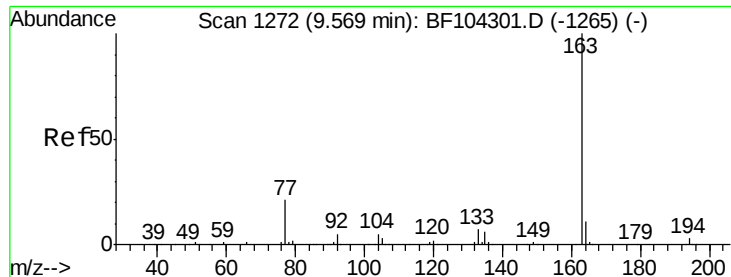
Tot Ion:330 Resp: 600
 Ion Ratio Lower Upper
 330 100
 332 113.8 77.0 115.6
 141 25.3 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 75.544 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF104914.D
 Acq: 28 Apr 2018 7:01

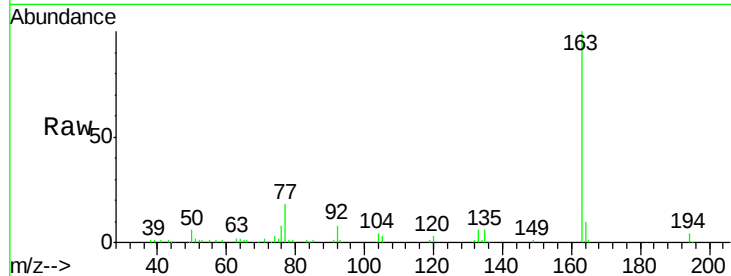
Tgt Ion:172 Resp: 832248
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 23.6 19.6 29.4



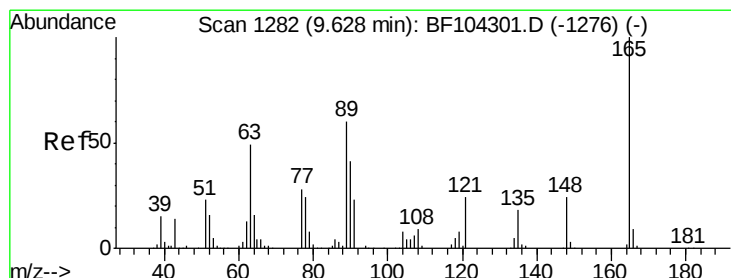
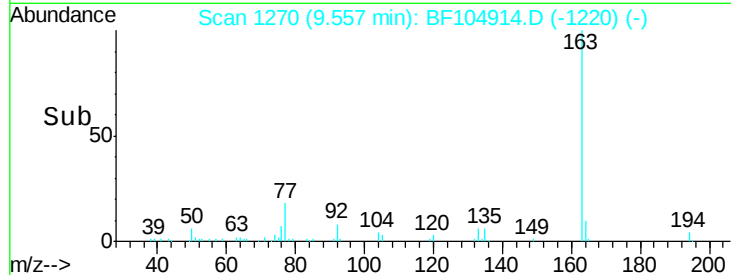
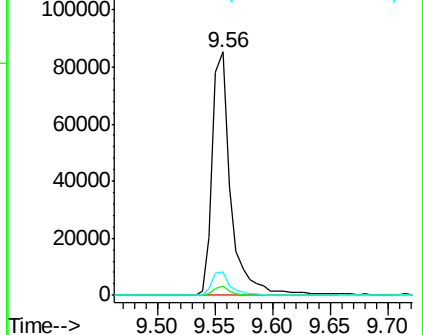


#49
Dimethylphthalate
Concen: 6.952 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF104914.D
Acq: 28 Apr 2018 7:01

Tot Ion:163 Resp: 95414
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 9.6 8.2 12.2

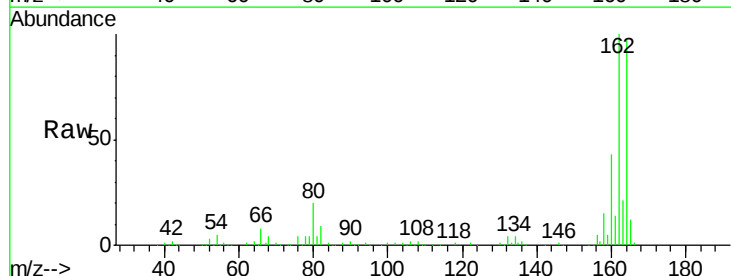


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

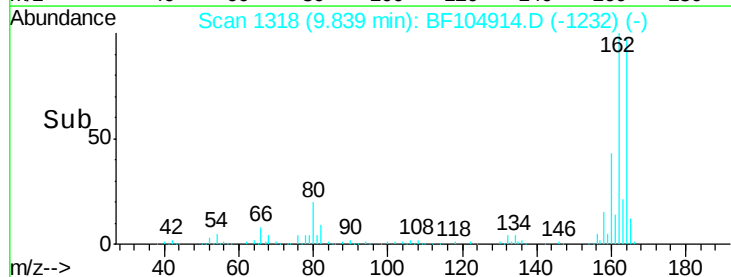
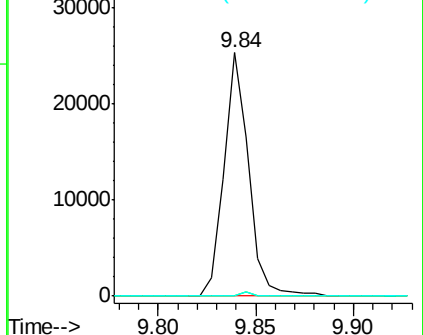


#50
2,6-Dinitrotoluene
Concen: 8.702 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.21 min
Lab File: BF104914.D
Acq: 28 Apr 2018 7:01

Tgt Ion:165 Resp: 22098
Ion Ratio Lower Upper
165 100
63 0.0 44.7 67.1#
89 0.0 44.0 66.0#



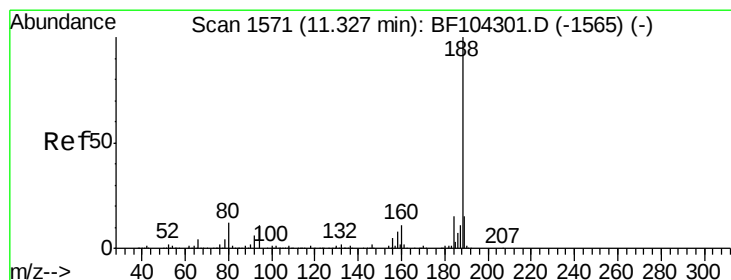
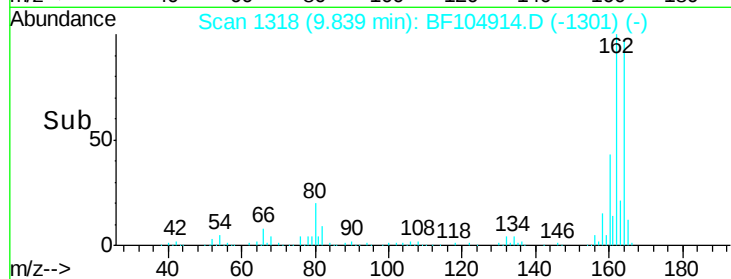
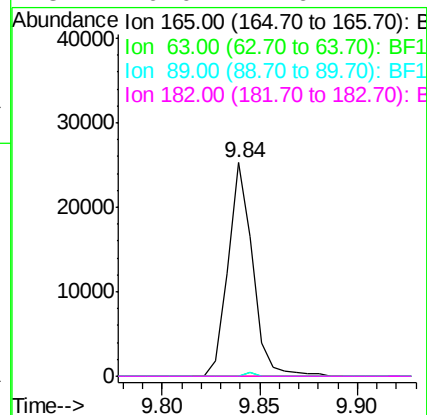
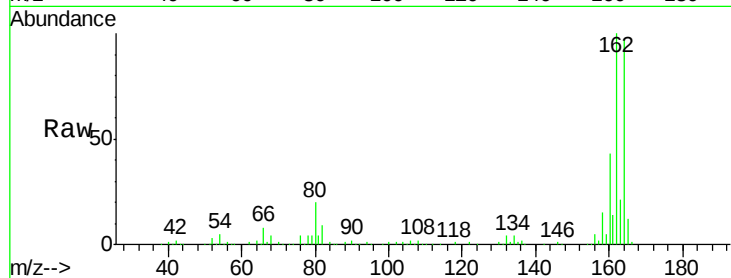
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





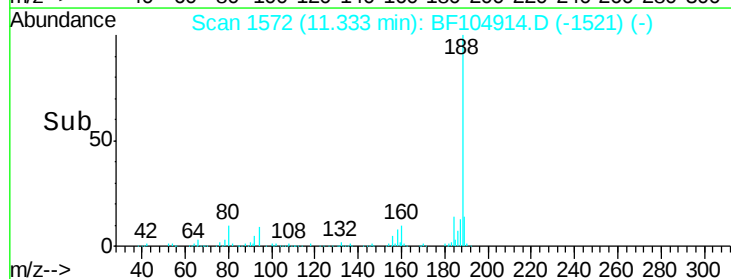
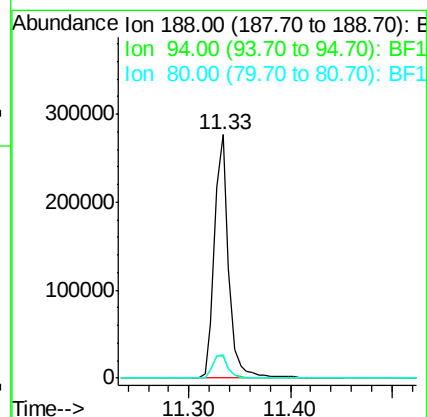
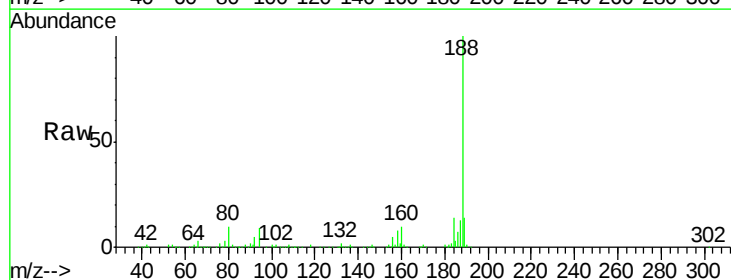
#56
 2,4-Dinitrotoluene
 Concen: 6.634 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.20 min
 Lab File: BF104914.D
 Acq: 28 Apr 2018 7:01

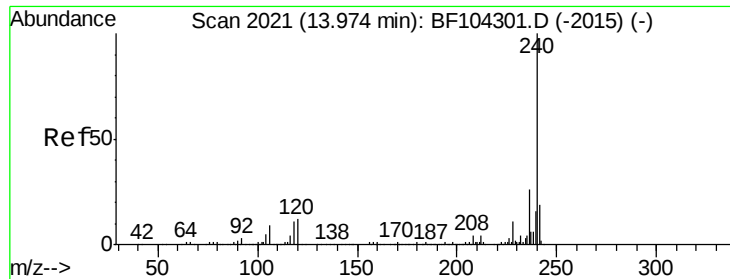
Tot Ion:	165	Resp:	22098
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: BF104914.D
 Acq: 28 Apr 2018 7:01

Tgt Ion:	188	Resp:	269668
Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.5	12.7
80	9.8	9.2	13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF104914.D

Acq: 28 Apr 2018 7:01

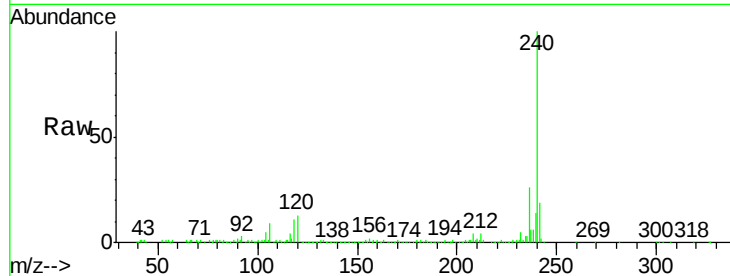
Tot Ion:240 Resp: 204745

Ion	Ratio	Lower	Upper
240	100		
120	12.5	9.5	14.3
236	25.7	20.7	31.1

240 100

120 12.5 9.5 14.3

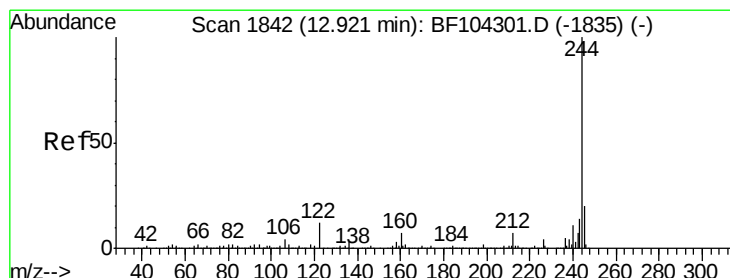
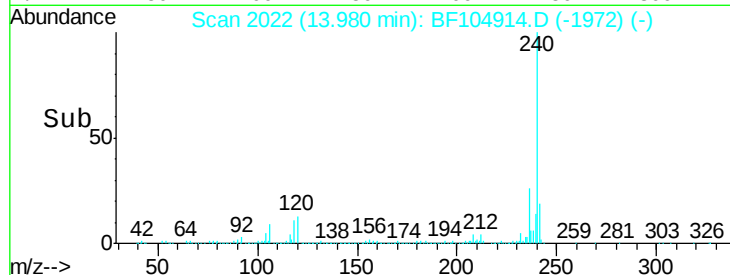
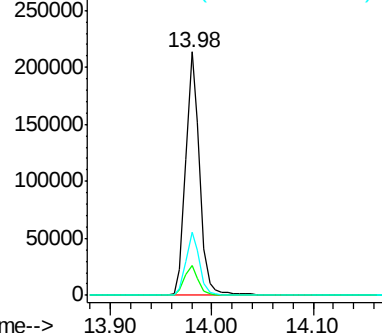
236 25.7 20.7 31.1



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: 72.935 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF104914.D

Acq: 28 Apr 2018 7:01

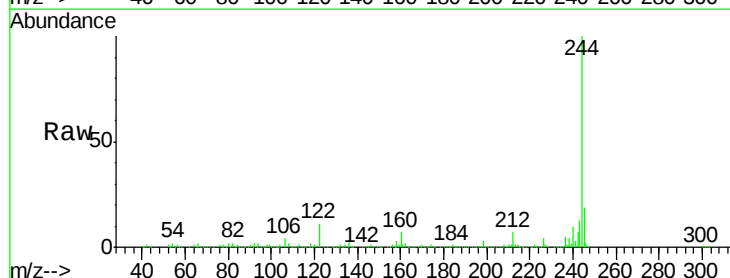
Tgt Ion:244 Resp: 655010

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	11.1	11.0	16.4

244 100

212 6.8 5.4 8.0

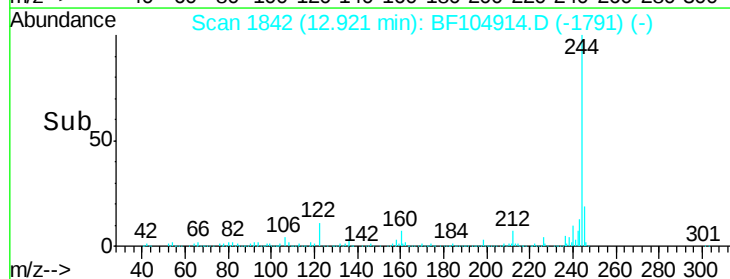
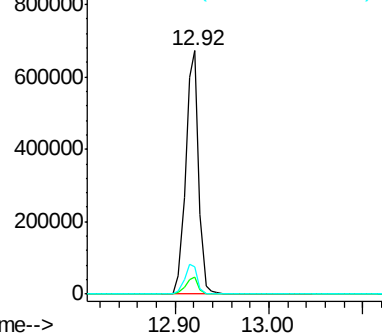
122 11.1 11.0 16.4

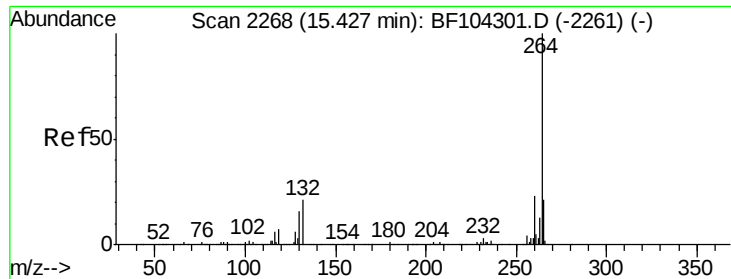


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.45 min Scan# 2272
Delta R.T. 0.00 min
Lab File: BF104914.D
Acq: 28 Apr 2018 7:01

Tot Ion:	264	Resp:	152015
Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	22.1	17.5	26.3

