

Data Path : U:\HPCHEM1\BNA F\DATA\BF020618\
 Data File : BF102796.D
 Acq On : 6 Feb 2018 20:44
 Operator : SJ/JU
 Sample : J1458-05
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Quant Time: Feb 07 00:21:25 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	178952	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	718244	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	280670	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	376898	20.00	ng	0.00
75) Chrysene-d12	14.04	240	331694	20.00	ng	0.00
86) Perylene-d12	15.52	264	299570	20.00	ng	0.00

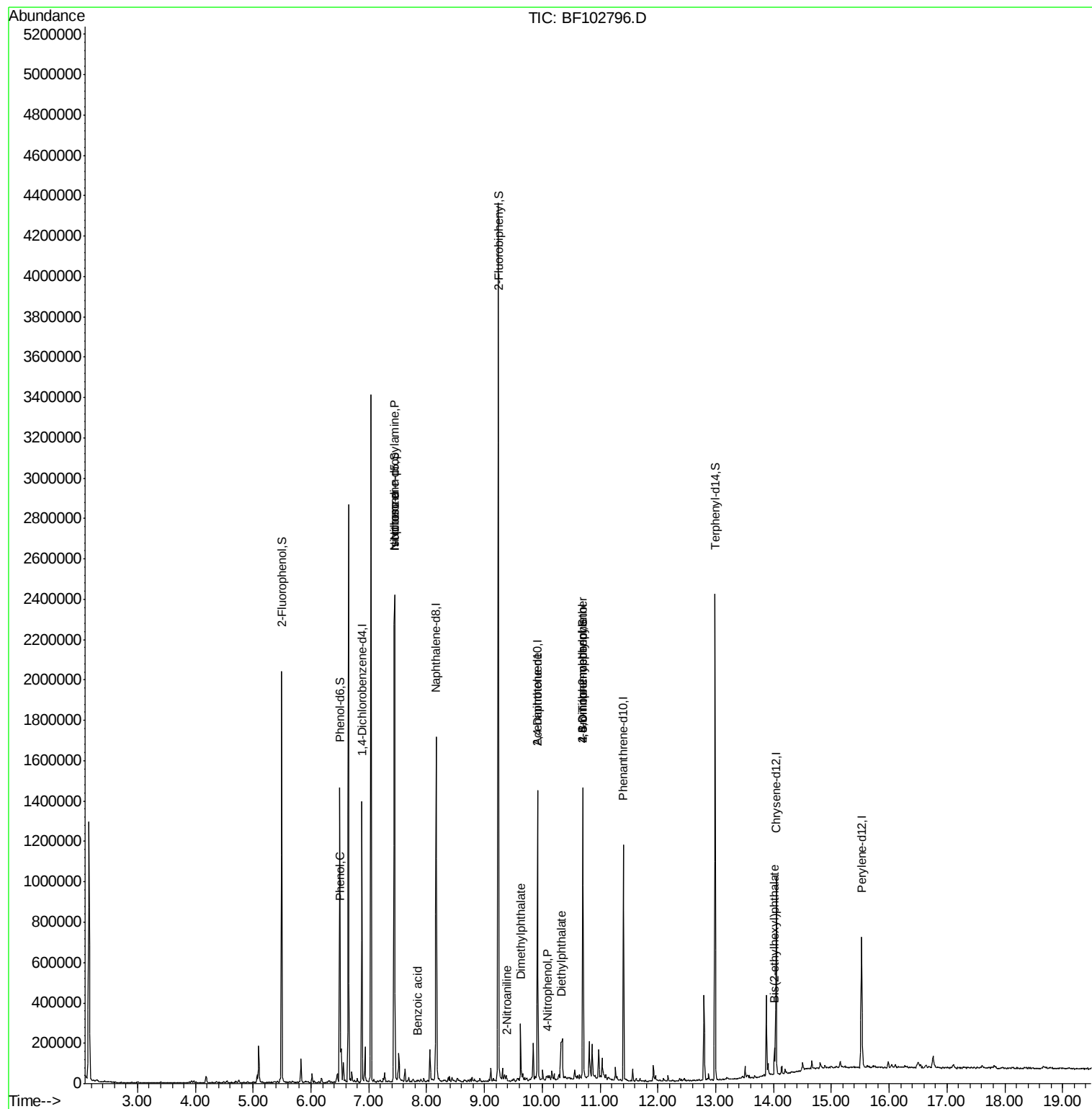
System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	510265	43.30	ng	0.00
7) Phenol-d6	6.50	99	405652	28.59	ng	0.00
23) Nitrobenzene-d5	7.45	82	773812	74.74	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	145342	64.34	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1333611	78.84	ng	0.00
78) Terphenyl-d14	12.99	244	838209	59.83	ng	0.00

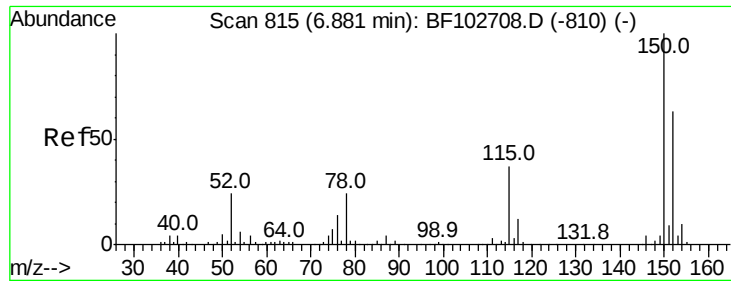
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.51	94	41653	2.739	ng	97
19) n-Nitroso-di-n-propylamine	7.45	70	105144	11.240	ng	# 80
24) Nitrobenzene	7.49	77	115	Below Cal		# 38
25) Isophorone	7.45	82	773804	32.457	ng	# 64
32) Benzoic acid	7.85	122	127	8.560	ng	# 73
47) 2-Nitroaniline	9.40	65	112	3.490	ng	# 2
49) Dimethylphthalate	9.63	163	95367	4.358	ng	98
55) 4-Nitrophenol	10.09	139	143	4.056	ng	# 11
56) 2,4-Dinitrotoluene	9.92	165	36614	9.212	ng	# 24
59) Diethylphthalate	10.33	149	56204	2.601	ng	99
64) 4,6-Dinitro-2-methylphenol	10.70	198	227	8.926	ng	# 1
66) 4-Bromophenyl-phenvlether	10.70	248	9410	2.360	ng	# 1
83) Bis(2-ethylhexyl)phthalate	14.02	149	32933	2.067	ng	98

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

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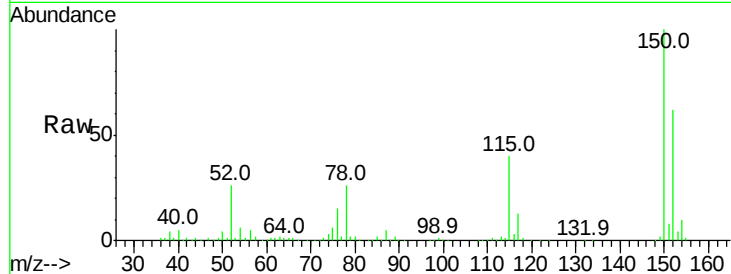




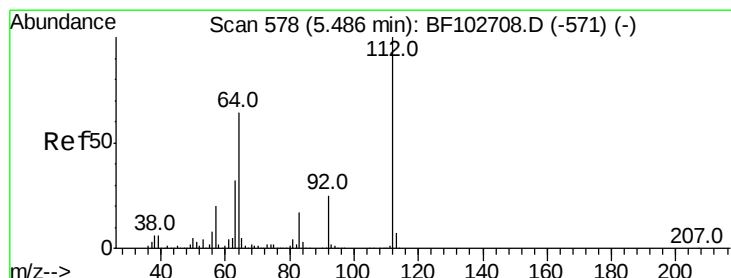
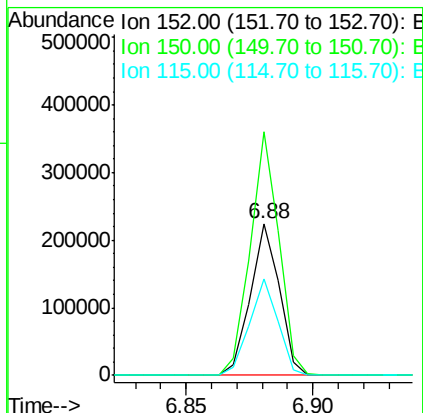
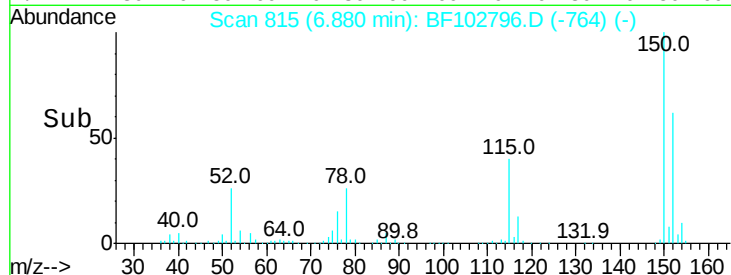
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF102796.D
Acq: 6 Feb 2018 20:44

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.3	124.6	186.8
115	63.5	50.1	75.1



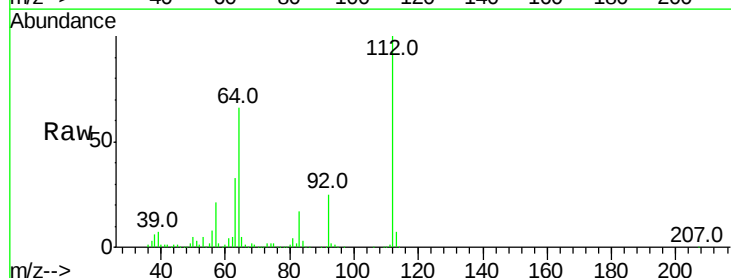
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



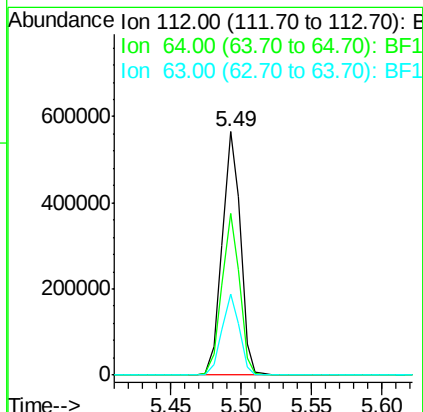
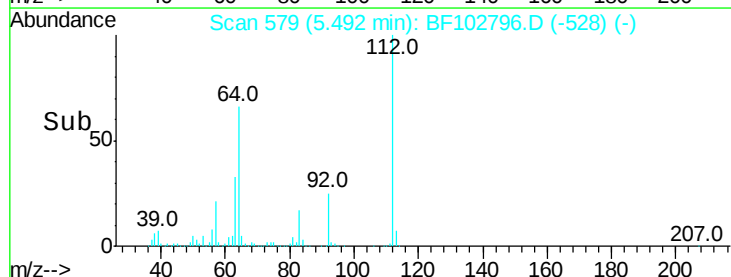
#5

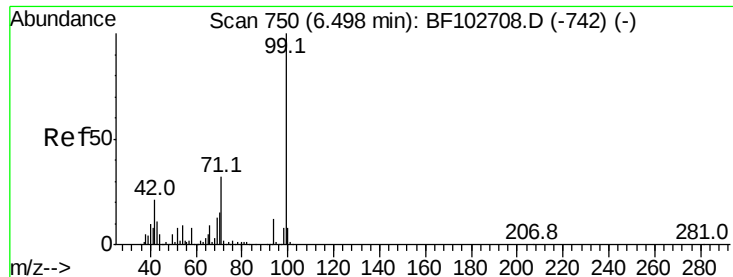
2-Fluorophenol
Concen: 43.303 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.00 min
Lab File: BF102796.D
Acq: 6 Feb 2018 20:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.2	47.9	71.9
63	33.4	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: 28.591 ng

RT: 6.50 min Scan# 750

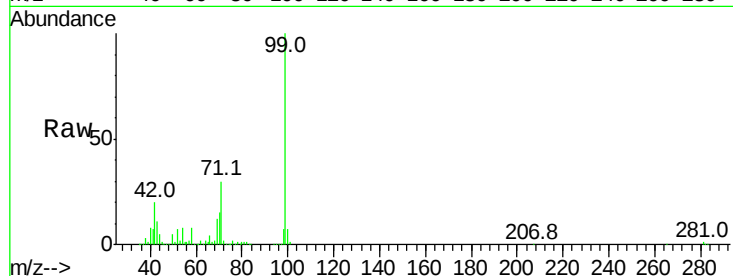
Delta R.T. -0.01 min

Lab File: BF102796.D

Acq: 6 Feb 2018 20:44

Tot Ion: 99 Resp: 405652

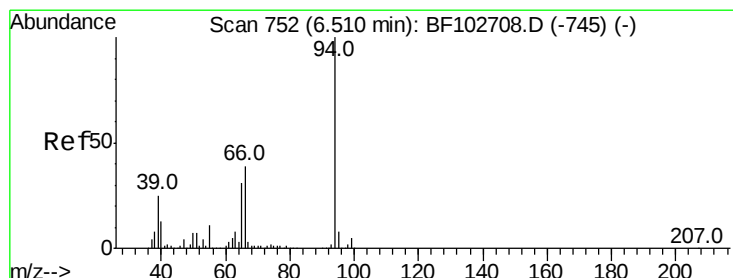
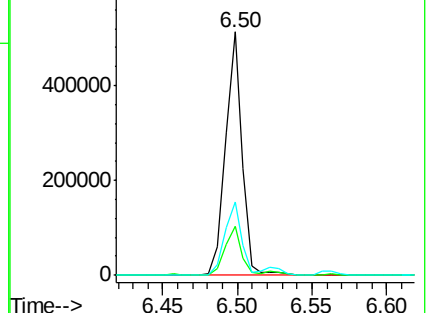
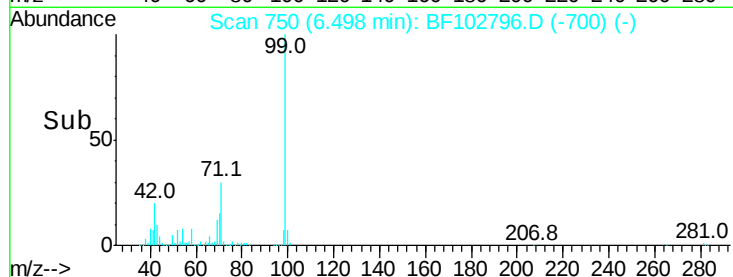
Ion	Ratio	Lower	Upper
99	100		
42	20.2	14.5	21.7
71	30.3	25.4	38.0



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: 2.739 ng

RT: 6.51 min Scan# 752

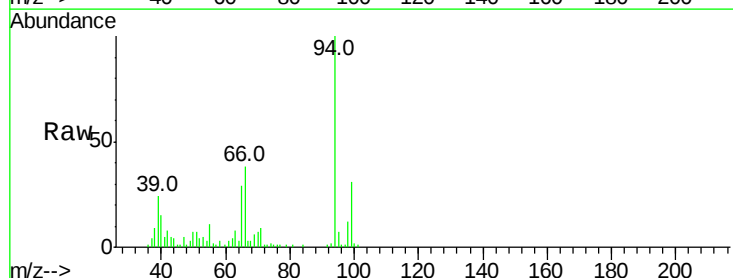
Delta R.T. -0.01 min

Lab File: BF102796.D

Acq: 6 Feb 2018 20:44

Tgt Ion: 94 Resp: 41653

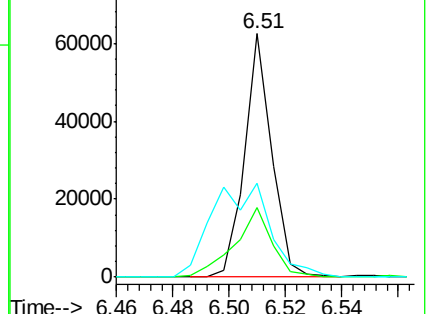
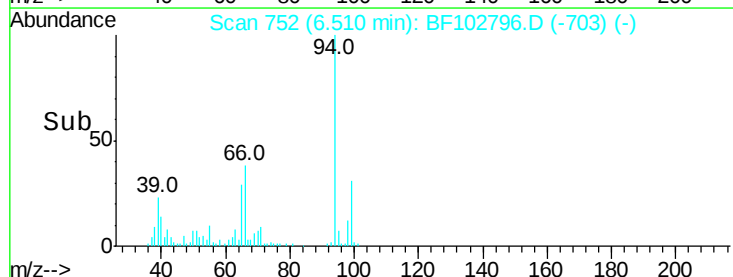
Ion	Ratio	Lower	Upper
94	100		
65	28.8	7.9	47.9
66	38.4	16.2	56.2

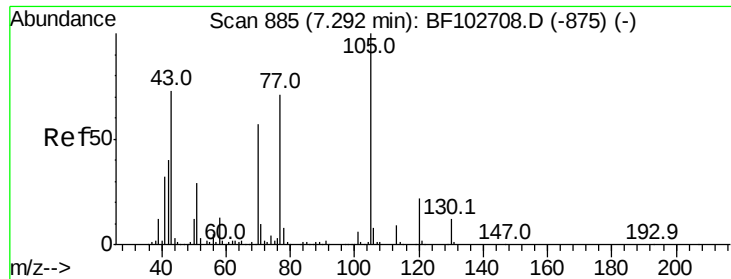


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

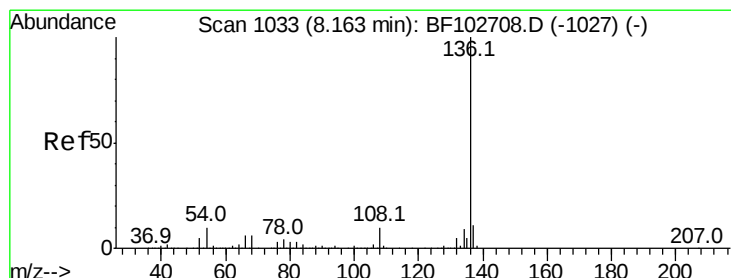
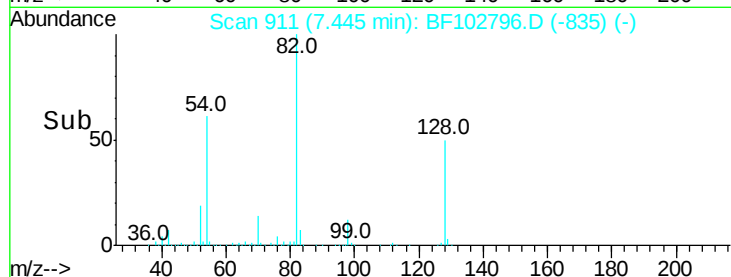
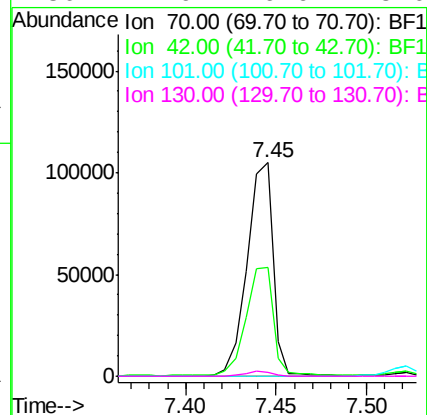
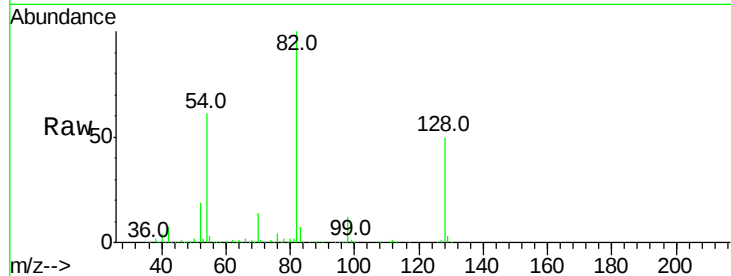
Ion 66.00 (65.70 to 66.70): BF1





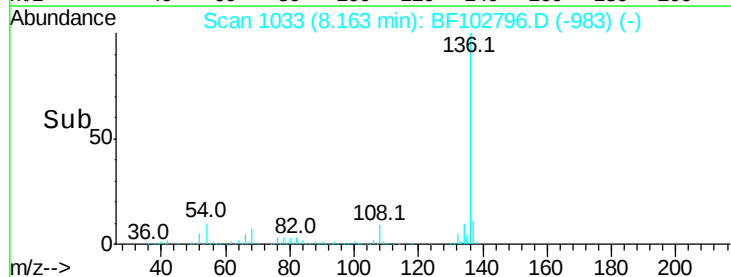
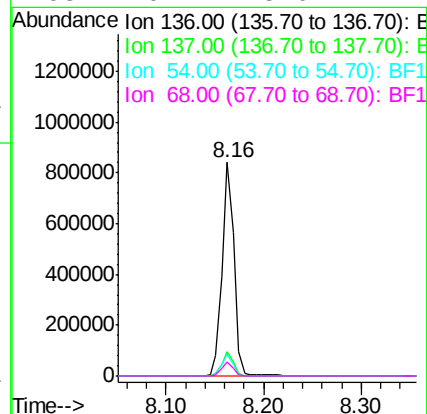
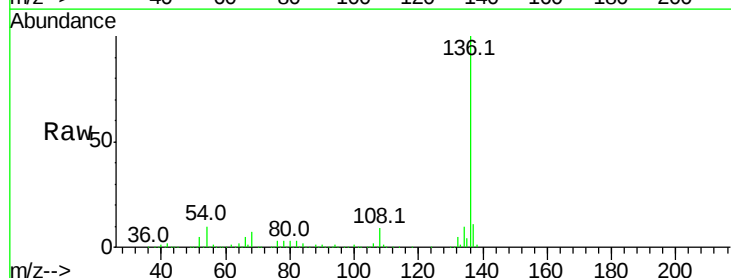
#19
n-Nitroso-di-n-propylamine
Concen: 11.240 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.15 min
Lab File: BF102796.D
Acq: 6 Feb 2018 20:44

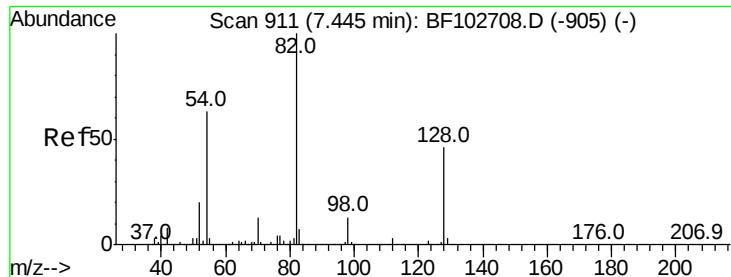
Tot Ion: 70 Resp: 105144
Ion Ratio Lower Upper
70 100
42 51.0 47.5 71.3
101 0.0 7.4 11.2#
130 1.9 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF102796.D
Acq: 6 Feb 2018 20:44

Tgt Ion:136 Resp: 718244
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 10.2 6.6 9.8#
68 6.7 5.0 7.4

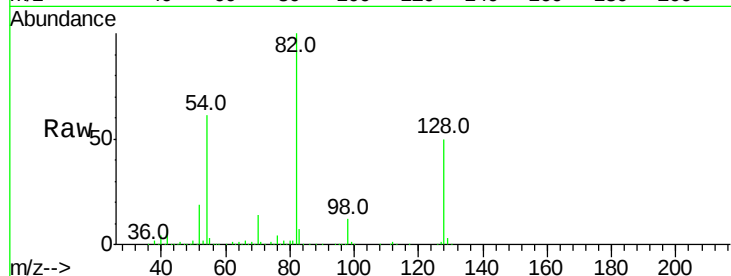




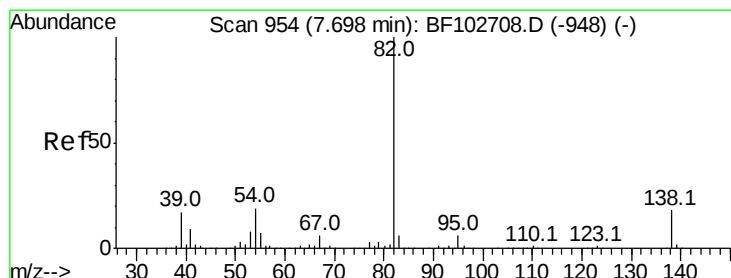
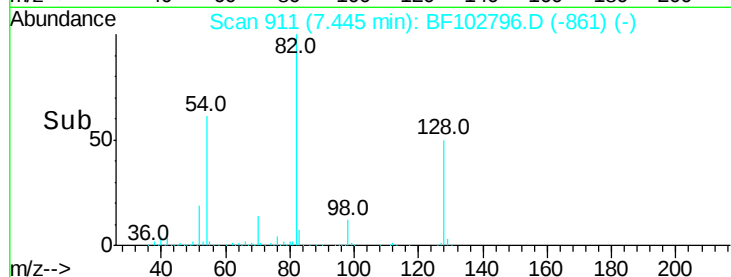
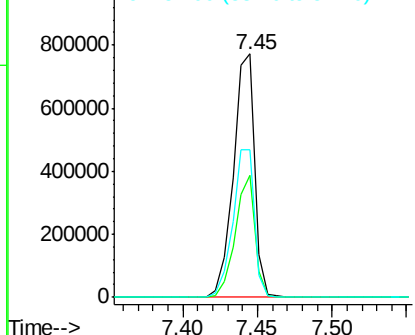
#23
 Nitrobenzene-d5
 Concen: 74.738 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF102796.D
 Acq: 6 Feb 2018 20:44

Tot Ion: 82 Resp: 773812

Ion	Ratio	Lower	Upper
82	100		
128	50.3	36.1	54.1
54	60.6	41.4	62.2



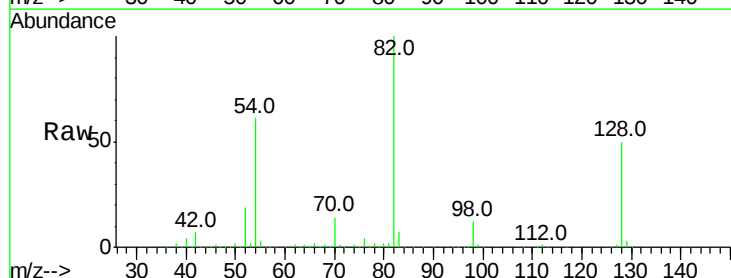
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



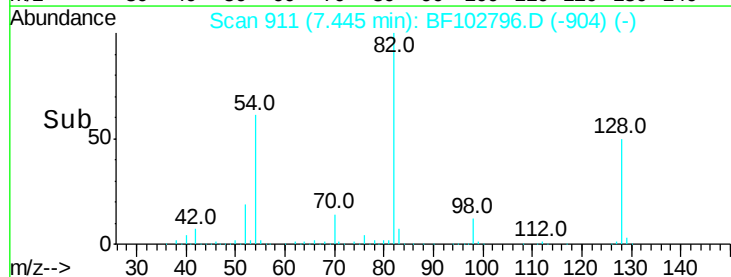
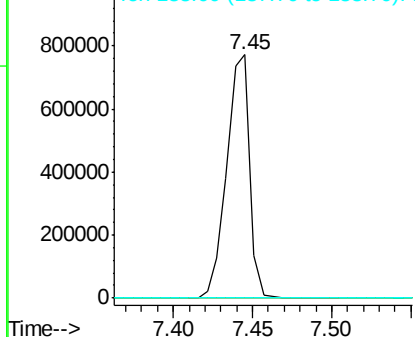
#25
 Isophorone
 Concen: 32.457 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.26 min
 Lab File: BF102796.D
 Acq: 6 Feb 2018 20:44

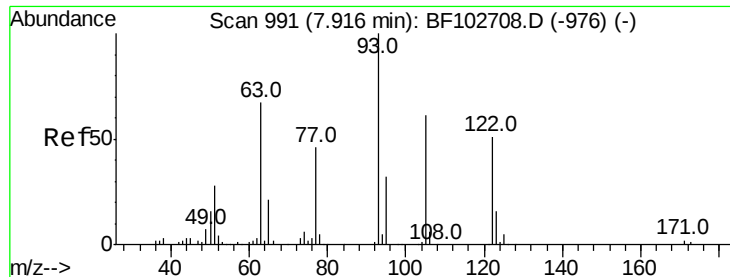
Tgt Ion: 82 Resp: 773804

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





#32

Benzoic acid

Concen: 8.560 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.09 min

Lab File: BF102796.D

Acq: 6 Feb 2018 20:44

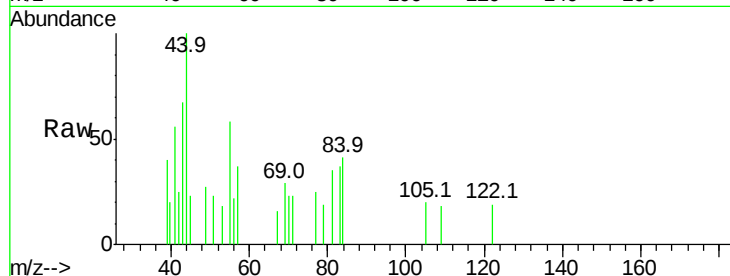
Tot Ion:122 Resp: 127

Ion Ratio Lower Upper

122 100

105 104.2 101.1 141.1

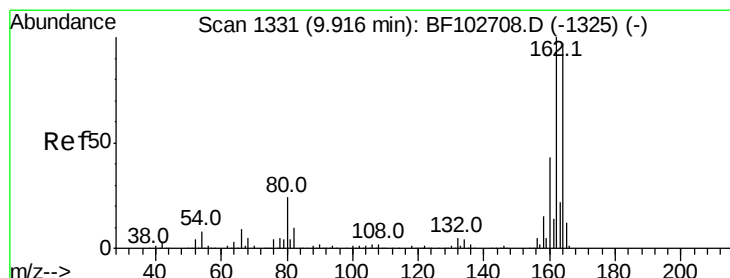
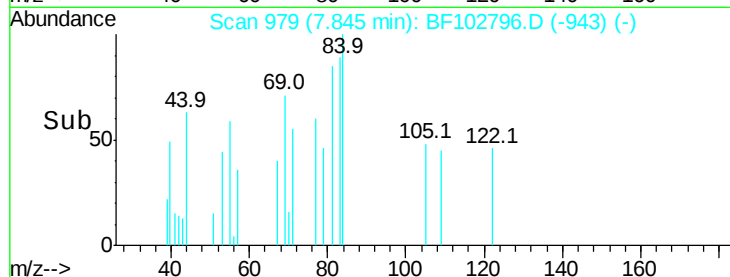
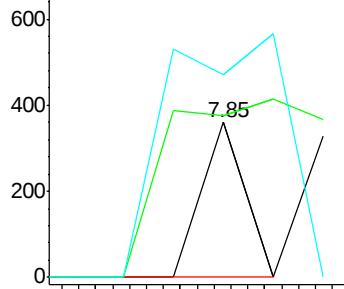
77 130.6 70.7 110.7#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.00 min

Lab File: BF102796.D

Acq: 6 Feb 2018 20:44

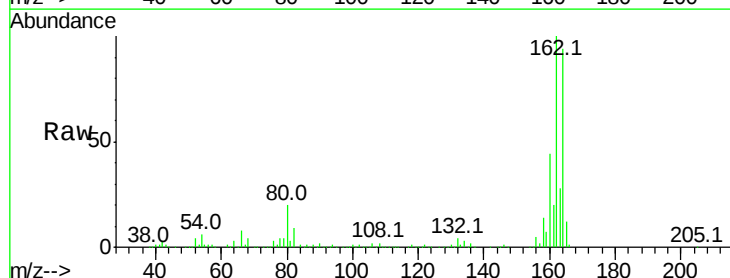
Tgt Ion:164 Resp: 280670

Ion Ratio Lower Upper

164 100

162 106.0 86.1 129.1

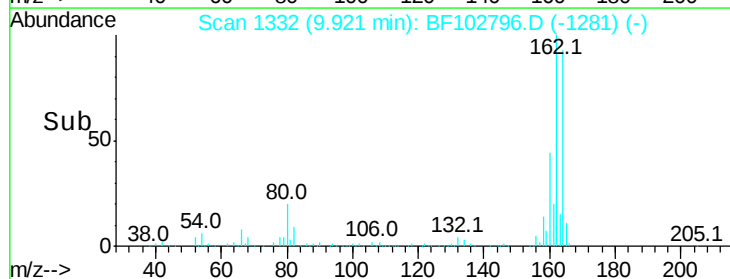
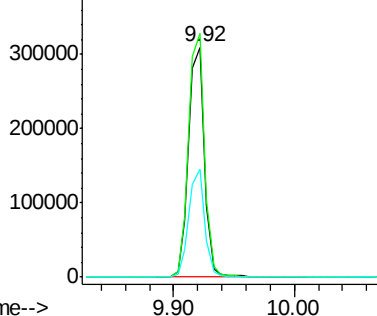
160 47.1 38.3 57.5

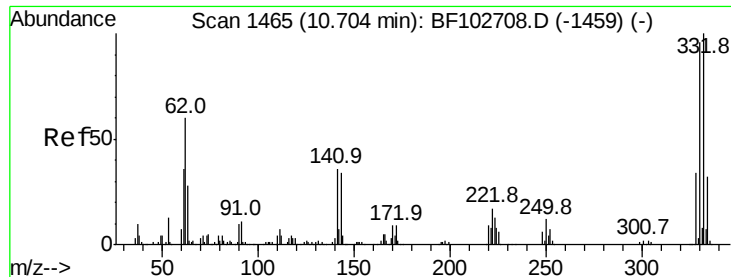


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 64.337 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BF102796.D

Acq: 6 Feb 2018 20:44

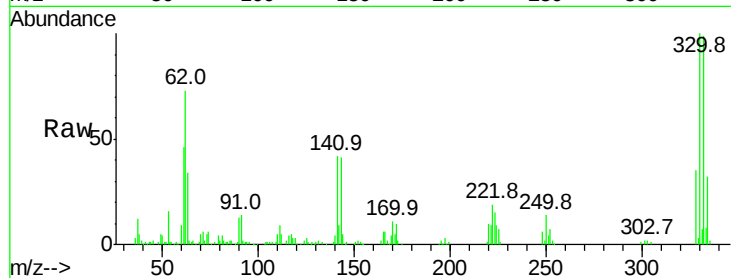
Tot Ion:330 Resp: 145342

Ion	Ratio	Lower	Upper
330	100		
332	103.6	77.0	115.6
141	39.2	29.9	44.9

330 100

332 103.6 77.0 115.6

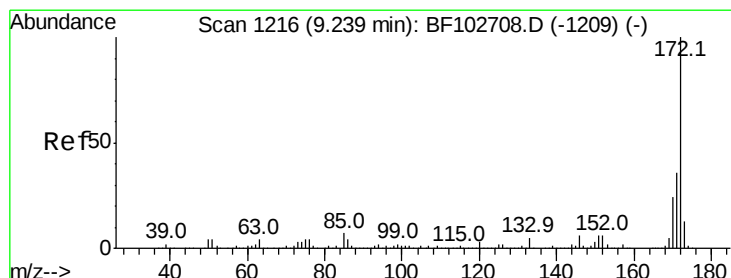
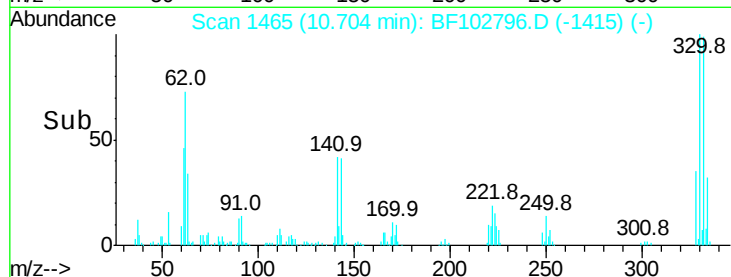
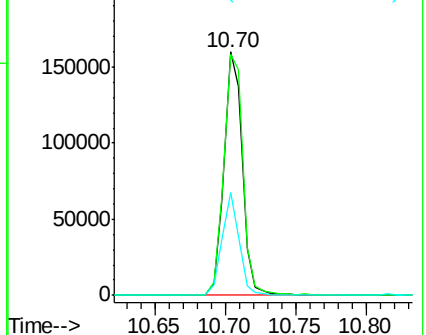
141 39.2 29.9 44.9



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: 78.845 ng

RT: 9.24 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BF102796.D

Acq: 6 Feb 2018 20:44

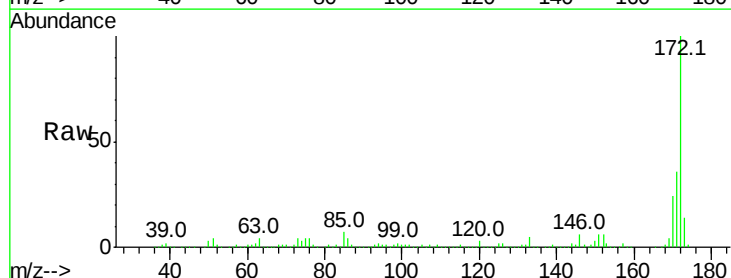
Tgt Ion:172 Resp: 1333611

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.4	19.6	29.4

172 100

171 36.1 29.7 44.5

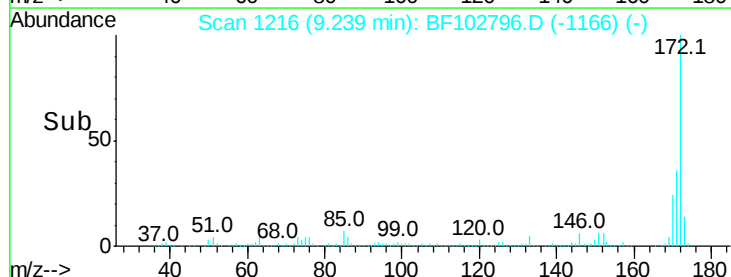
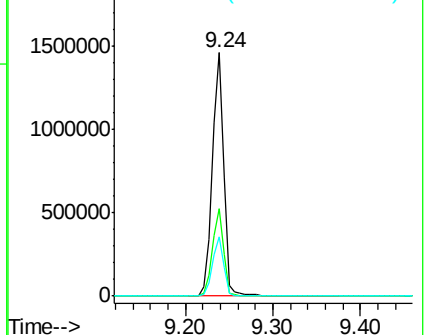
170 24.4 19.6 29.4

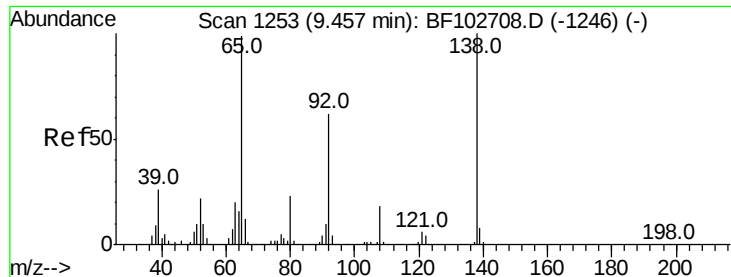


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#47

2-Nitroaniline

Concen: 3.490 ng

RT: 9.40 min Scan# 1243

Delta R.T. -0.06 min

Lab File: BF102796.D

Acq: 6 Feb 2018 20:44

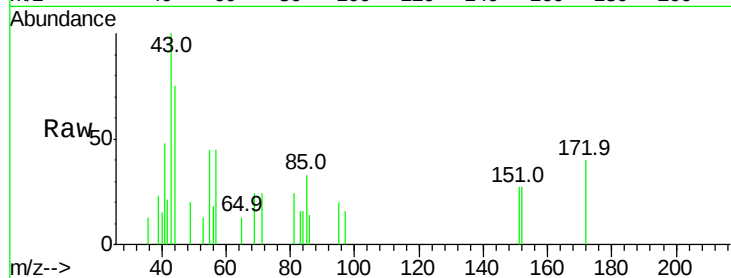
Tot Ion: 65 Resp: 112

Ion Ratio Lower Upper

65 100

92 0.0 55.8 83.6#

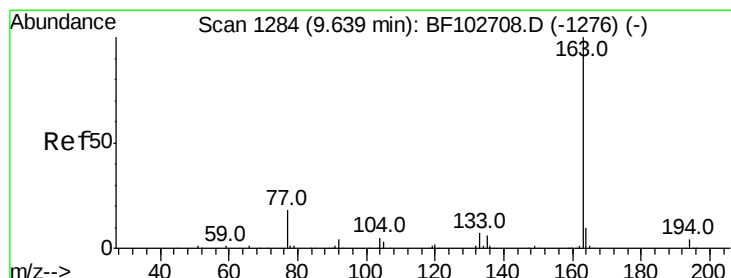
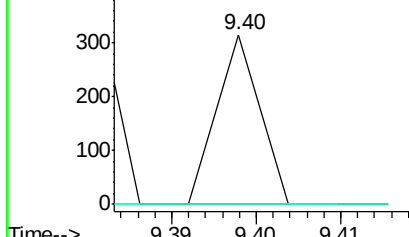
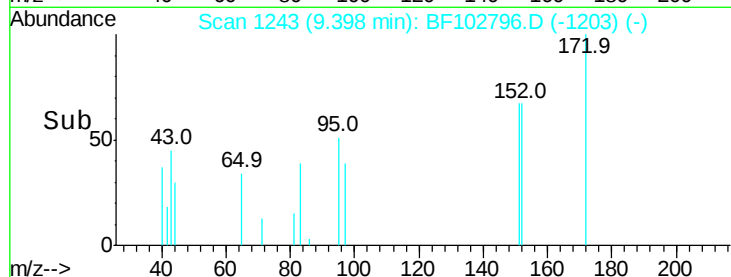
138 0.0 91.2 136.8#



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



#49

Dimethylphthalate

Concen: 4.358 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BF102796.D

Acq: 6 Feb 2018 20:44

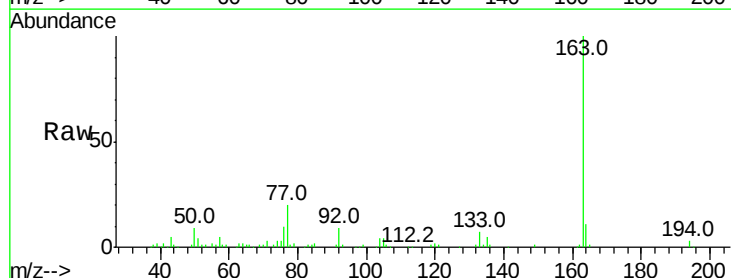
Tgt Ion: 163 Resp: 95367

Ion Ratio Lower Upper

163 100

194 3.2 2.7 4.1

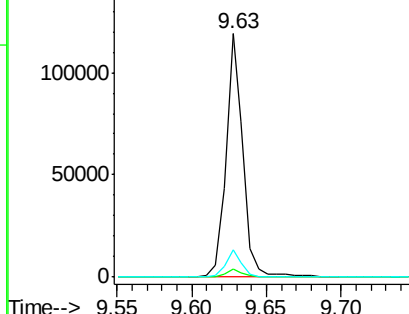
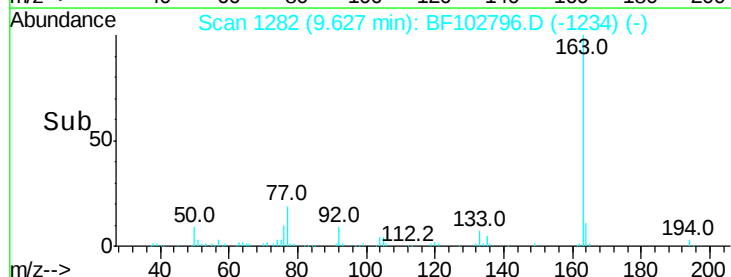
164 11.0 8.2 12.2

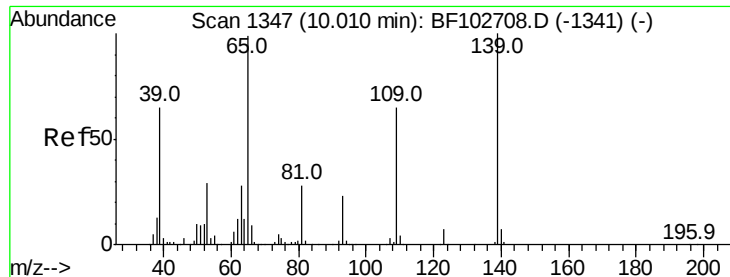


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

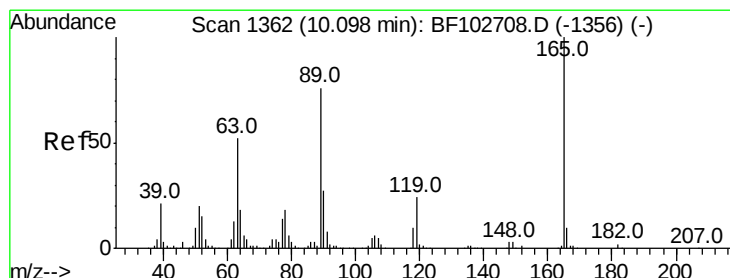
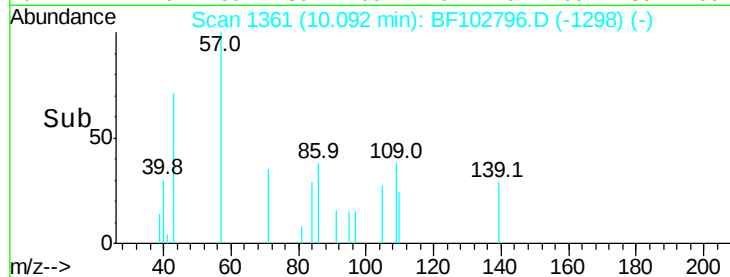
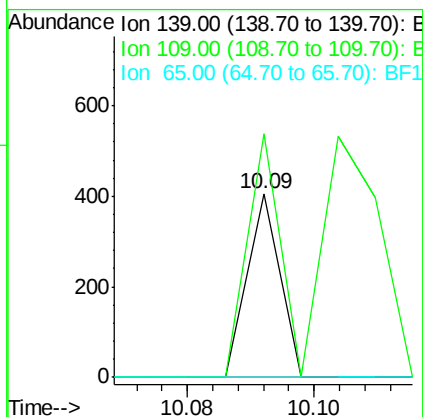
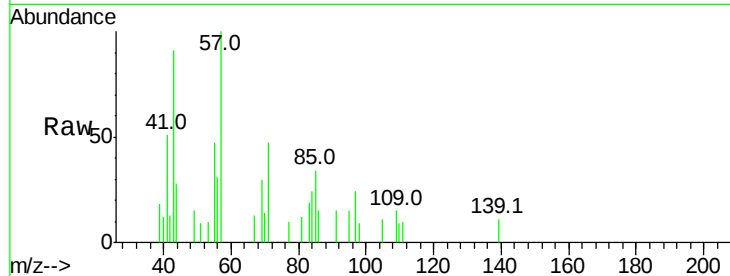
Ion 164.00 (163.70 to 164.70): E





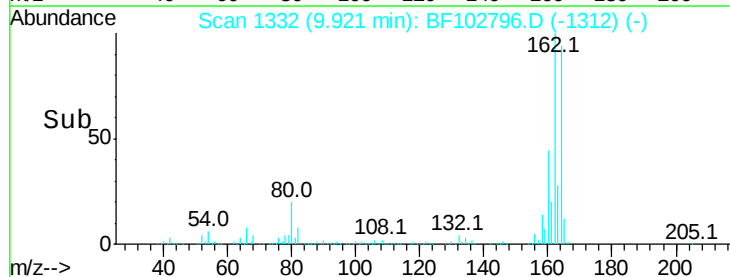
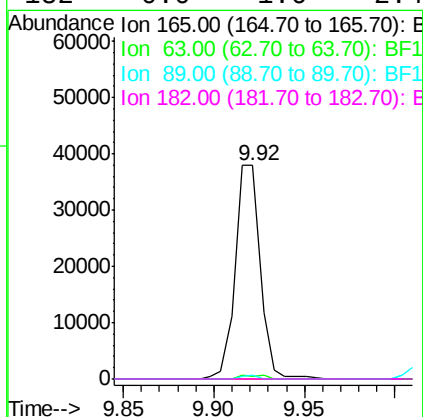
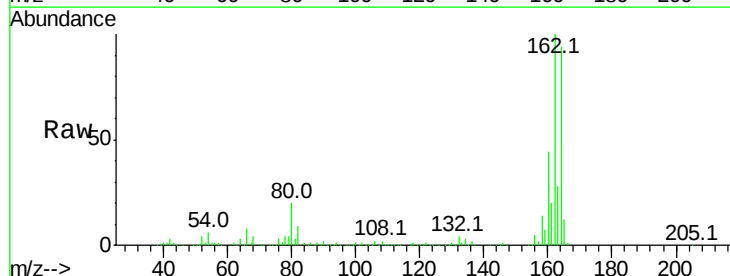
#55
4-Nitrophenol
Concen: 4.056 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.07 min
Lab File: BF102796.D
Acq: 6 Feb 2018 20:44

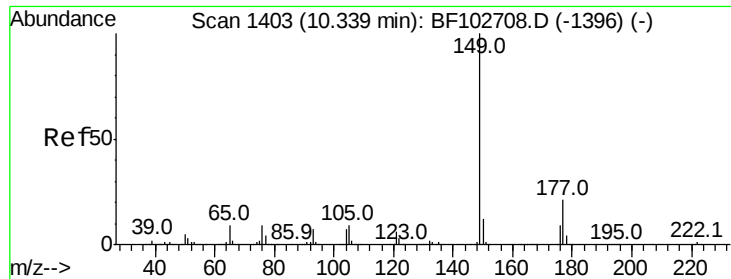
Tot Ion:139 Resp: 143
Ion Ratio Lower Upper
139 100
109 132.5 48.4 88.4#
65 0.0 72.6 112.6#



#56
2,4-Dinitrotoluene
Concen: 9.212 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.18 min
Lab File: BF102796.D
Acq: 6 Feb 2018 20:44

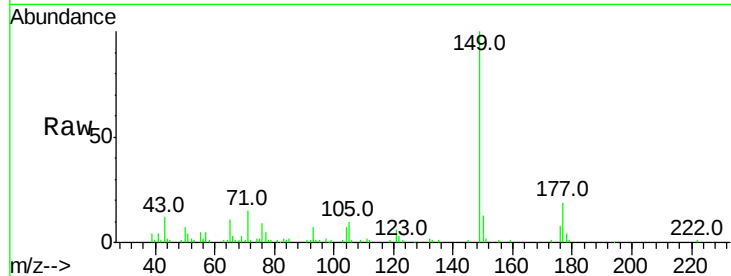
Tgt Ion:165 Resp: 36614
Ion Ratio Lower Upper
165 100
63 1.5 36.4 54.6#
89 2.0 57.8 86.6#
182 0.0 1.6 2.4#



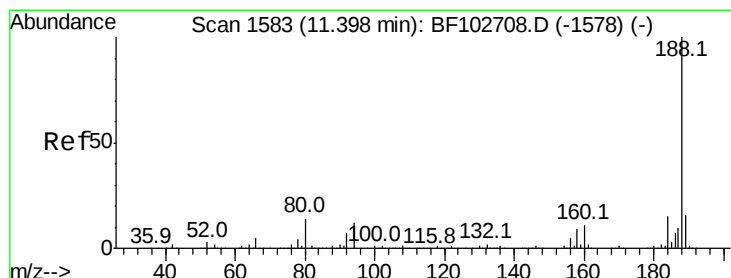
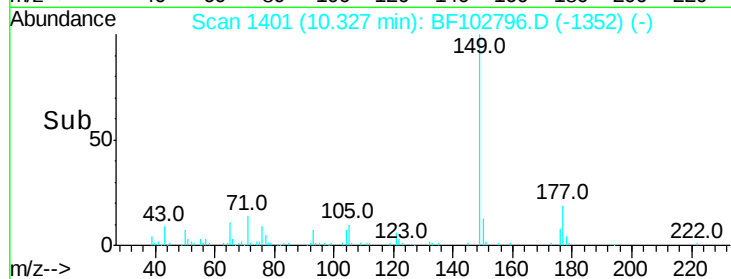
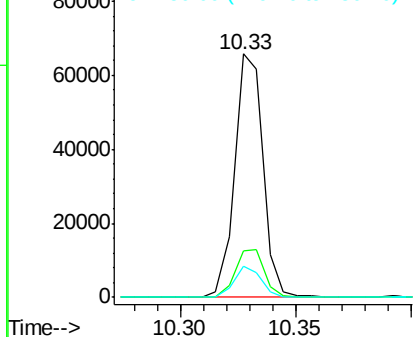


#59
Diethylphthalate
Concen: 2.601 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF102796.D
Acq: 6 Feb 2018 20:44

Tot Ion:149 Resp: 56204
Ion Ratio Lower Upper
149 100
177 19.3 16.1 24.1
150 12.8 10.1 15.1

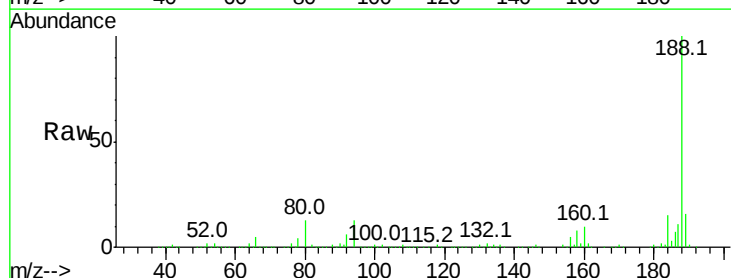


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

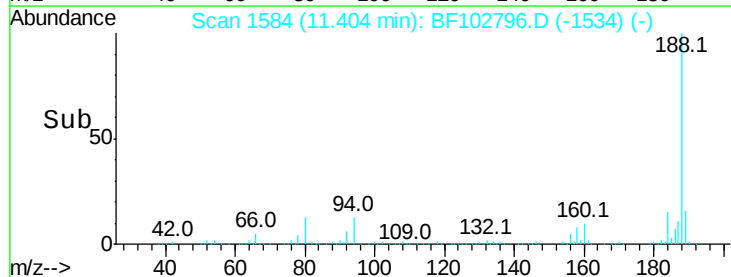
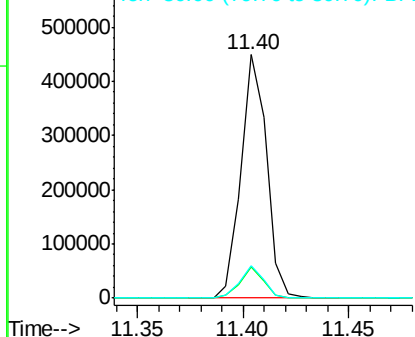


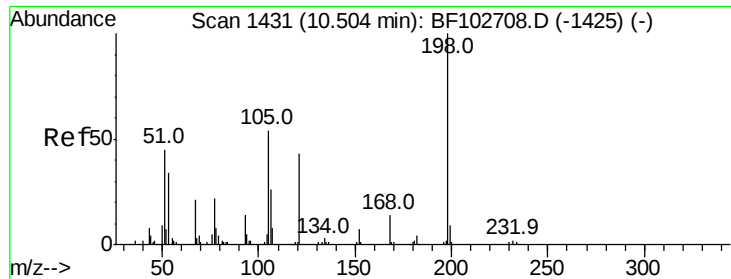
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF102796.D
Acq: 6 Feb 2018 20:44

Tgt Ion:188 Resp: 376898
Ion Ratio Lower Upper
188 100
94 12.7 8.5 12.7
80 13.4 9.2 13.8



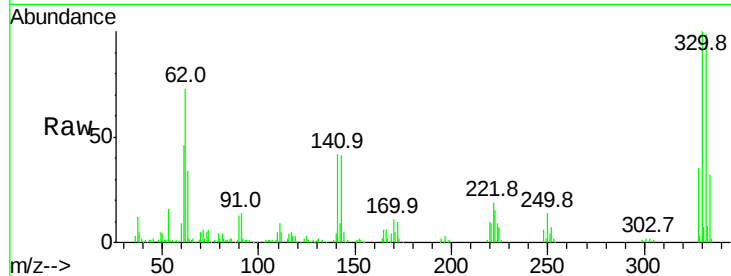
Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1



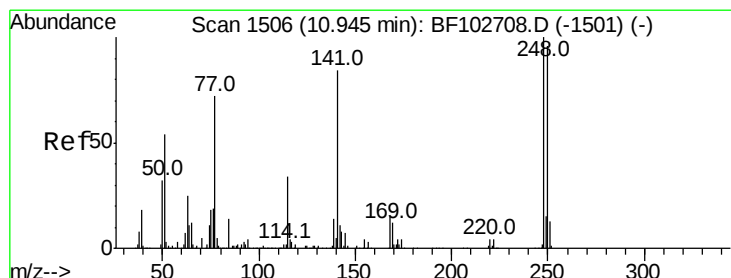
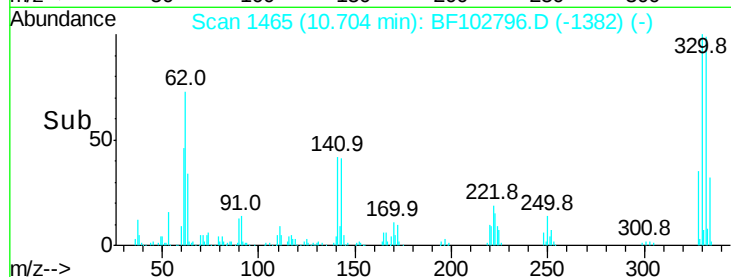
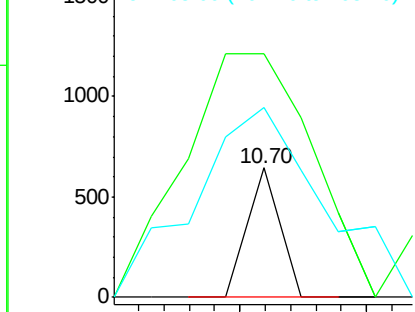


#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.926 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.19 min
 Lab File: BF102796.D
 Acq: 6 Feb 2018 20:44

Tot Ion:198 Resp: 227
 Ion Ratio Lower Upper
 198 100
 51 188.2 37.7 77.7#
 105 147.3 36.3 76.3#

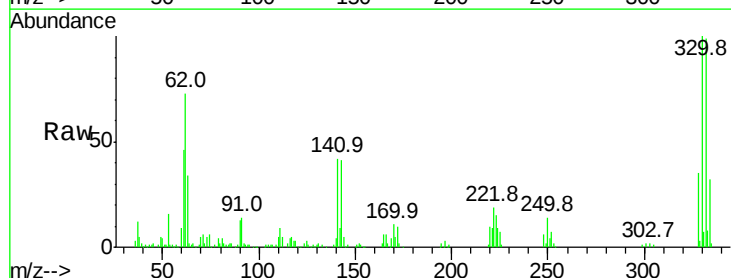


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

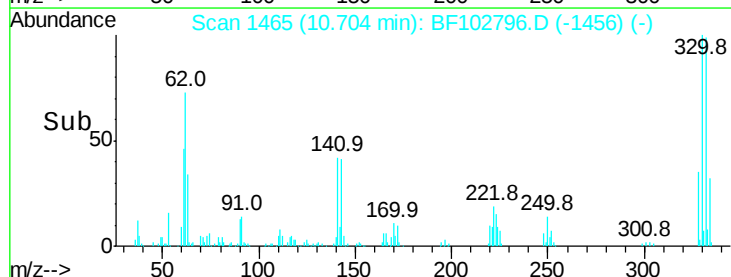
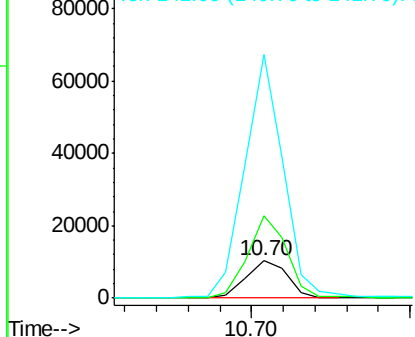


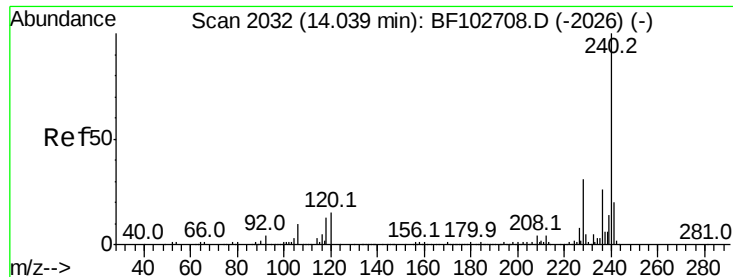
#66
 4-Bromophenyl-phenylether
 Concen: 2.360 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.25 min
 Lab File: BF102796.D
 Acq: 6 Feb 2018 20:44

Tgt Ion:248 Resp: 9410
 Ion Ratio Lower Upper
 248 100
 250 219.7 76.9 115.3#
 141 650.7 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: 14.04 min Scan# 2033

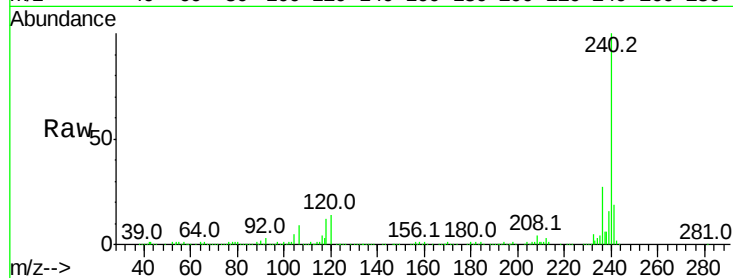
Delta R.T. -0.01 min

Lab File: BF102796.D

Acq: 6 Feb 2018 20:44

Tot Ion:240 Resp: 331694

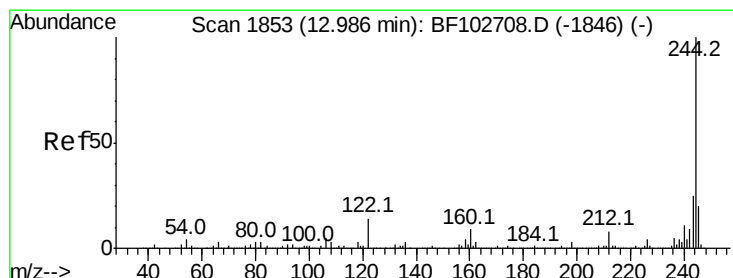
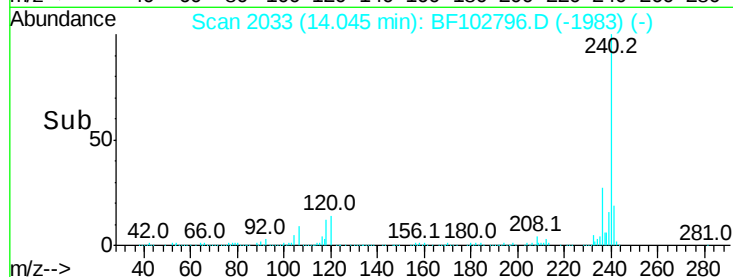
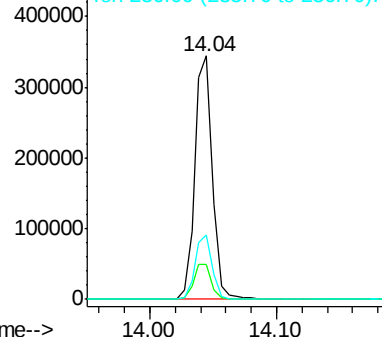
Ion	Ratio	Lower	Upper
240	100		
120	14.2	9.5	14.3
236	26.7	20.7	31.1



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: 59.835 ng

RT: 12.99 min Scan# 1854

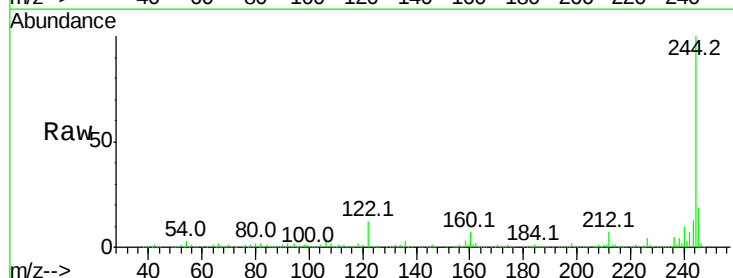
Delta R.T. -0.01 min

Lab File: BF102796.D

Acq: 6 Feb 2018 20:44

Tgt Ion:244 Resp: 838209

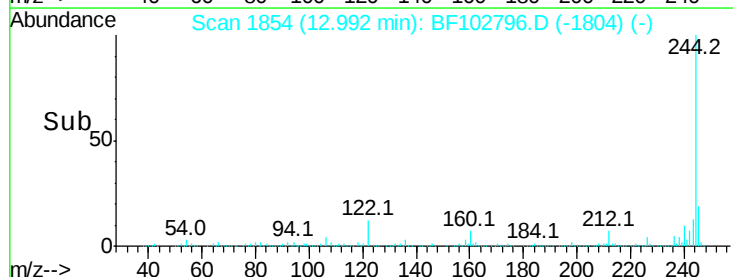
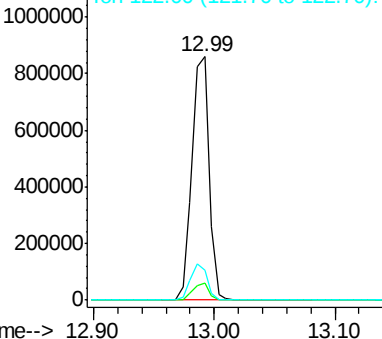
Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	12.3	11.0	16.4

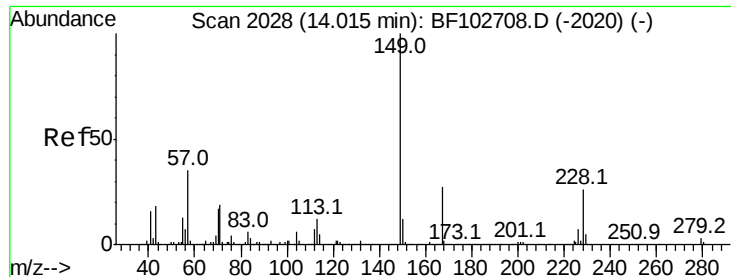


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

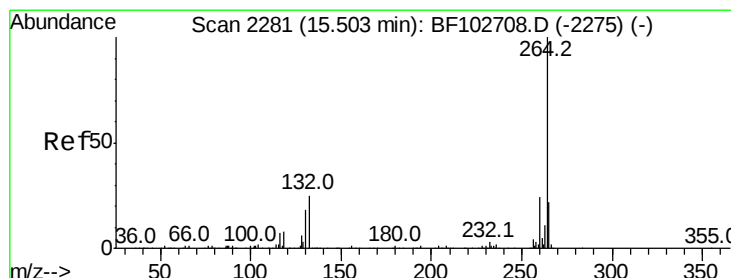
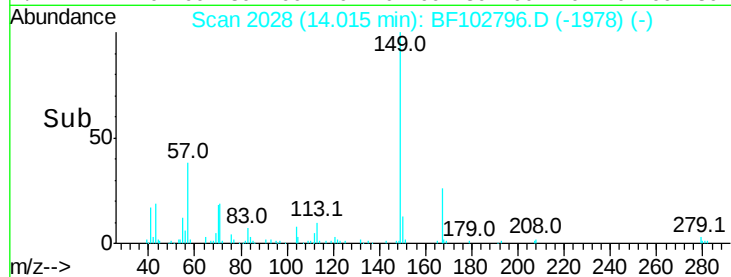
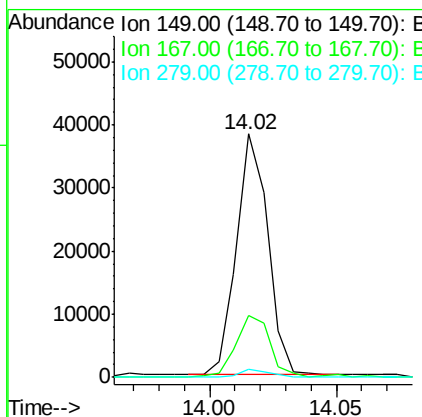
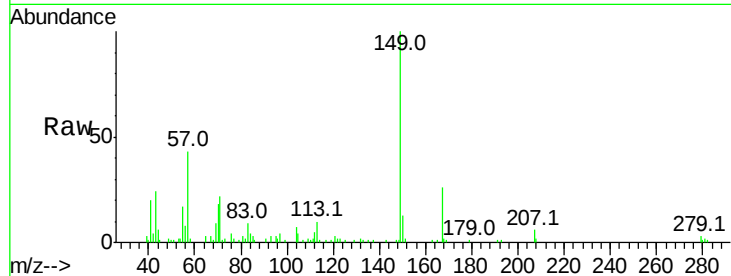
Ion 122.00 (121.70 to 122.70): E





#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.067 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BF102796.D
 Acq: 6 Feb 2018 20:44

Tot Ion:149 Resp: 32933
 Ion Ratio Lower Upper
 149 100
 167 25.5 21.3 31.9
 279 3.3 3.0 4.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.52 min Scan# 2284
 Delta R.T. -0.01 min
 Lab File: BF102796.D
 Acq: 6 Feb 2018 20:44

Tgt Ion:264 Resp: 299570
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 21.6 17.5 26.3

