

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110817\
 Data File : BF100315.D
 Acq On : 9 Nov 2017 1:54
 Operator : SJ/JU
 Sample : I6346-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Quant Time: Nov 09 02:50:41 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 08 14:33:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	194226	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	737504	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	307416	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	483044	20.00	ng	0.00
75) Chrysene-d12	14.06	240	368892	20.00	ng	-0.01
86) Perylene-d12	15.54	264	354247	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	1299721	107.27	ng	0.02
7) Phenol-d6	6.53	99	1582904	105.94	ng	0.00
23) Nitrobenzene-d5	7.46	82	964181	86.43	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	315750	100.80	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1565233	77.53	ng	0.00
78) Terphenyl-d14	13.00	244	1005839	62.65	ng	0.00

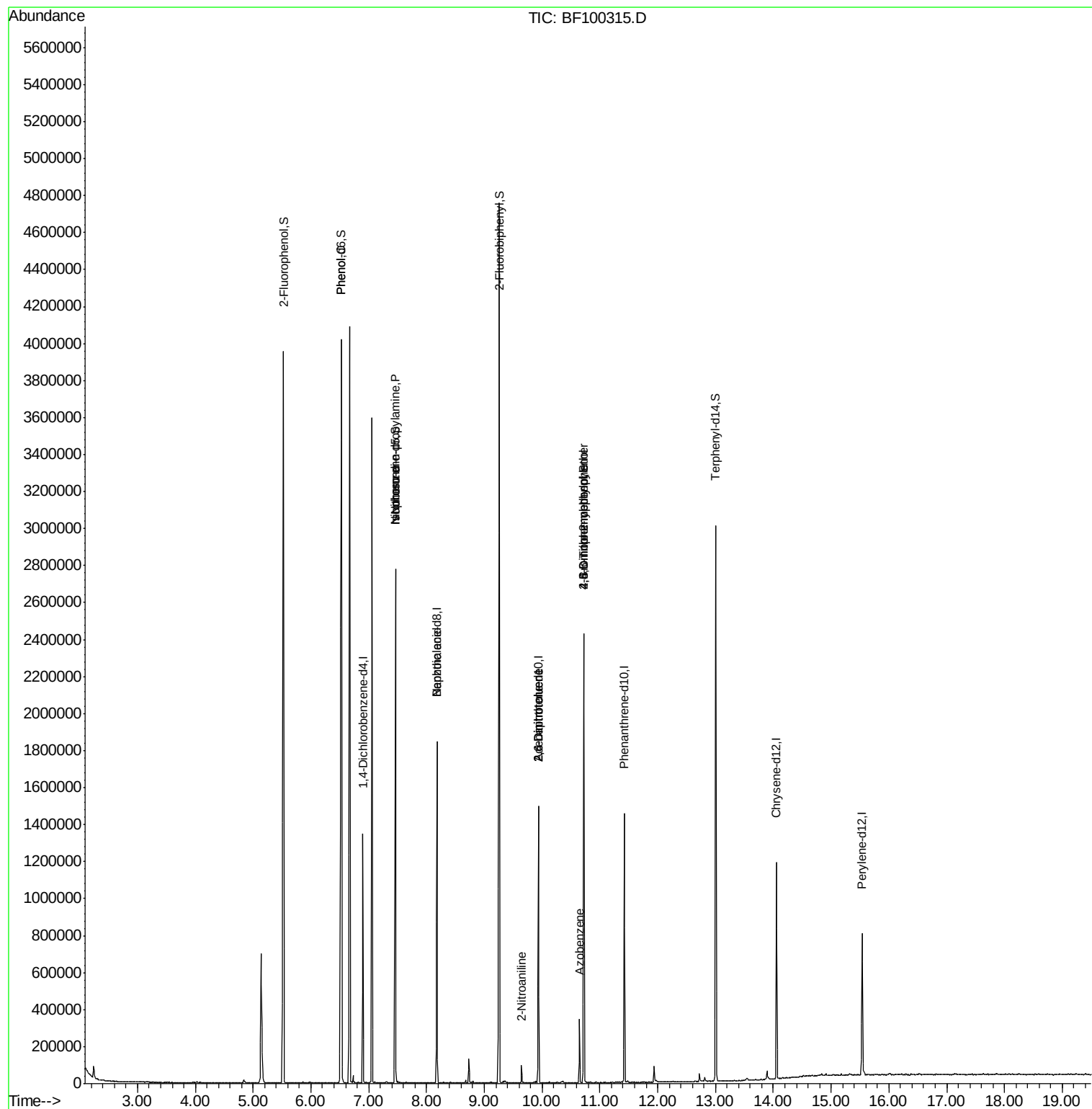
Target Compounds

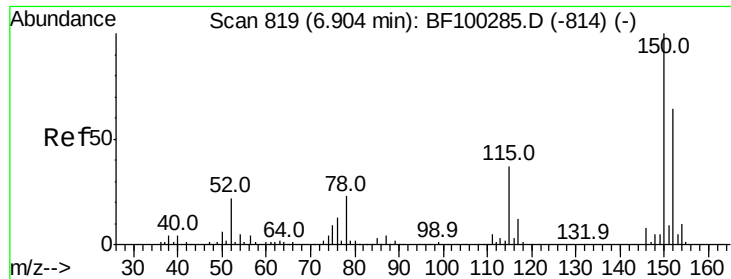
						Qvalue
10) Phenol	6.53	94	31642	2.017	ng	# 73
19) n-Nitroso-di-n-propylamine	7.46	70	126625	12.220	ng	# 84
25) Isophorone	7.46	82	964164	41.130	ng	# 64
32) Benzoic acid	8.18	122	119	9.383	ng	# 1
47) 2-Nitroaniline	9.65	65	243	2.824	ng	# 1
50) 2,6-Dinitrotoluene	9.93	165	39391	8.478	ng	# 25
56) 2,4-Dinitrotoluene	9.93	165	39391	6.721	ng	# 22
62) Azobenzene	10.64	77	60732	2.745	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.73	198	651	8.789	ng	# 1
66) 4-Bromophenyl-phenylether	10.72	248	20201	3.901	ng	# 1

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

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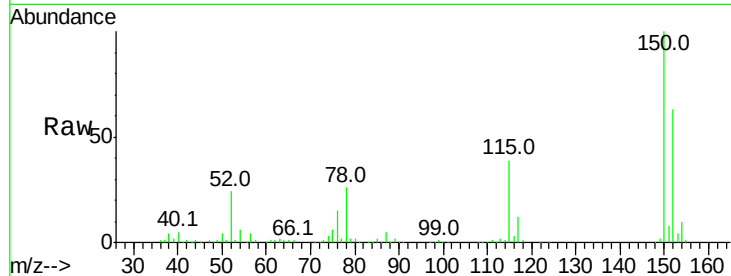




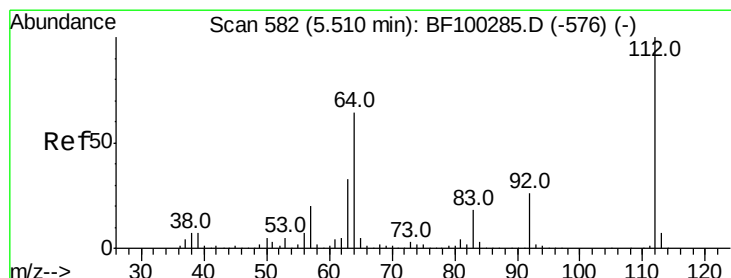
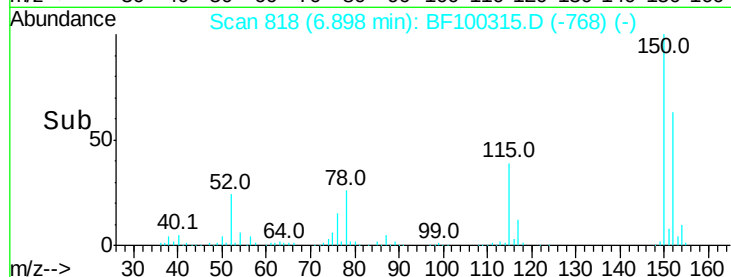
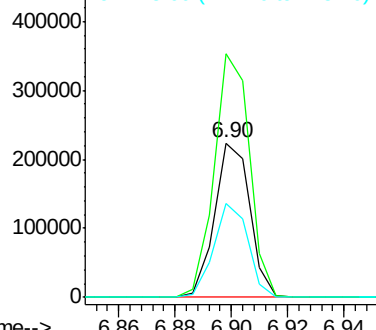
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF100315.D
Acq: 9 Nov 2017 1:54

Tot Ion:152 Resp: 194226
Ion Ratio Lower Upper
152 100
150 158.0 124.6 186.8
115 61.0 50.1 75.1



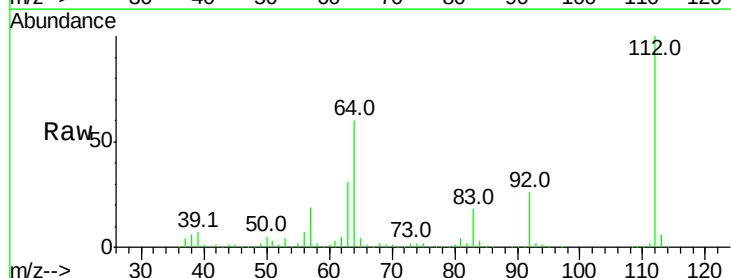
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



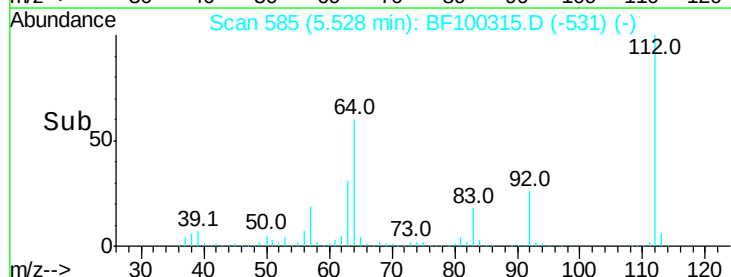
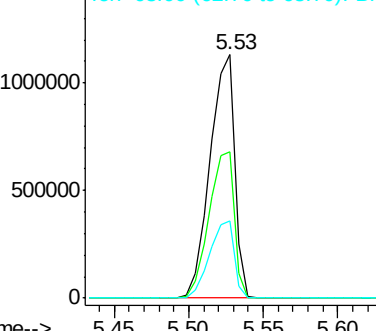
#5

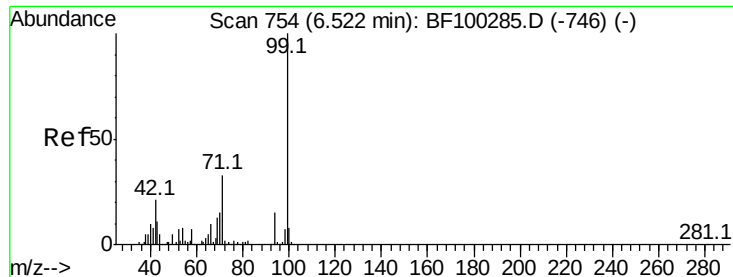
2-Fluorophenol
Concen: 107.269 ng
RT: 5.53 min Scan# 585
Delta R.T. 0.02 min
Lab File: BF100315.D
Acq: 9 Nov 2017 1:54

Tgt Ion:112 Resp: 1299721
Ion Ratio Lower Upper
112 100
64 60.2 47.9 71.9
63 31.5 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: 105.942 ng

RT: 6.53 min Scan# 755

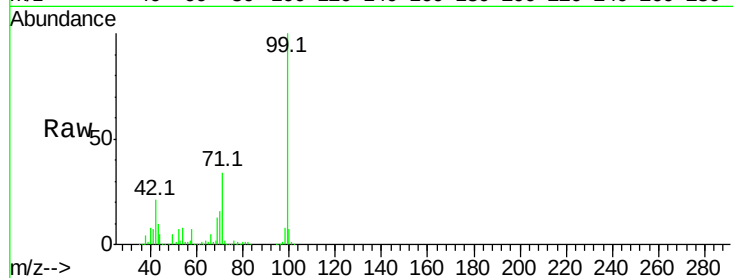
Delta R.T. 0.01 min

Lab File: BF100315.D

Acq: 9 Nov 2017 1:54

Tot Ion: 99 Resp: 1582904

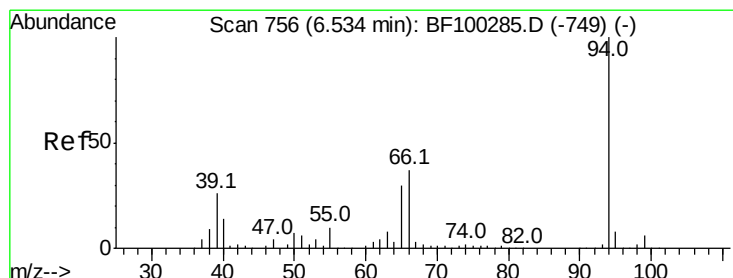
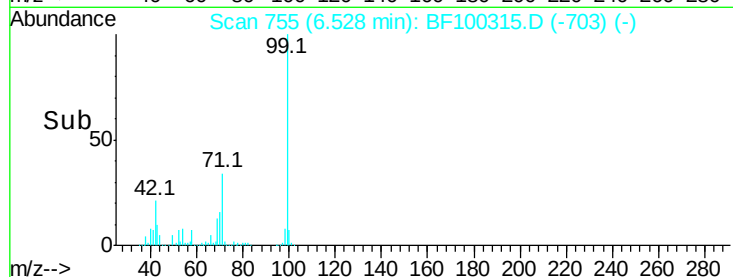
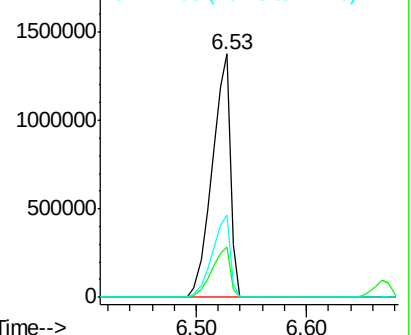
Ion	Ratio	Lower	Upper
99	100		
42	20.8	14.5	21.7
71	33.8	25.4	38.0



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: 2.017 ng

RT: 6.53 min Scan# 756

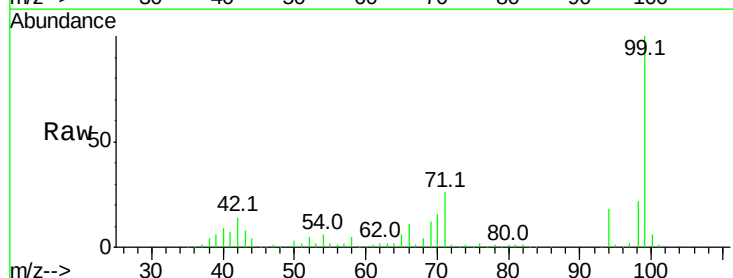
Delta R.T. -0.00 min

Lab File: BF100315.D

Acq: 9 Nov 2017 1:54

Tgt Ion: 94 Resp: 31642

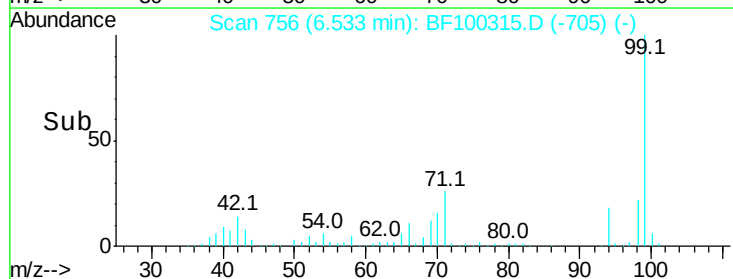
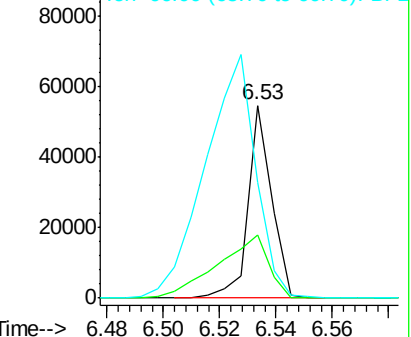
Ion	Ratio	Lower	Upper
94	100		
65	32.8	7.9	47.9
66	59.9	16.2	56.2

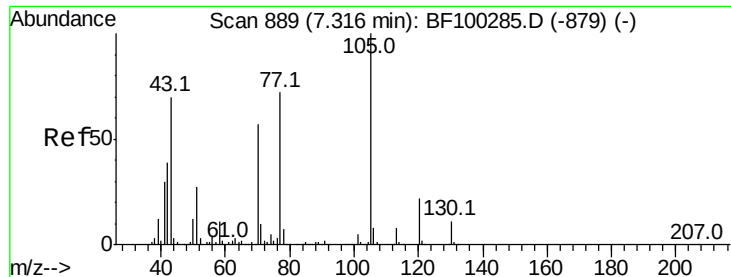


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

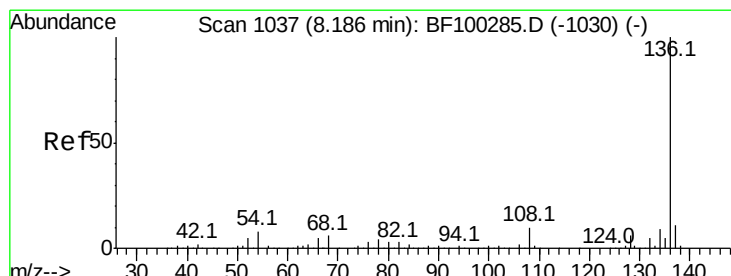
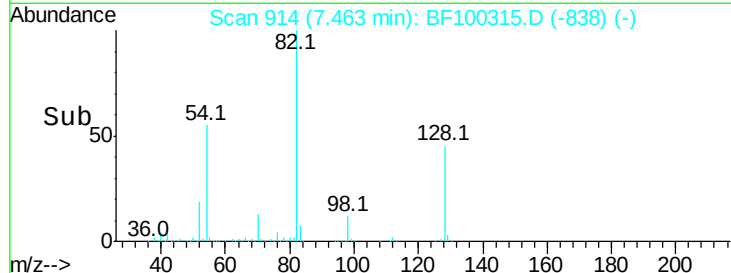
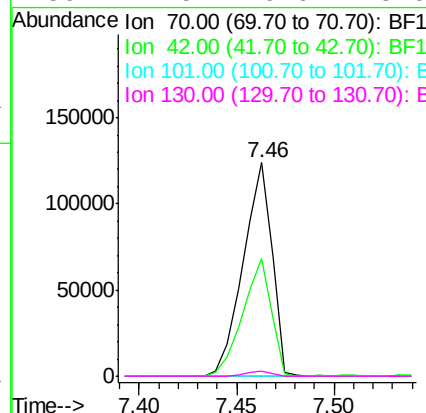
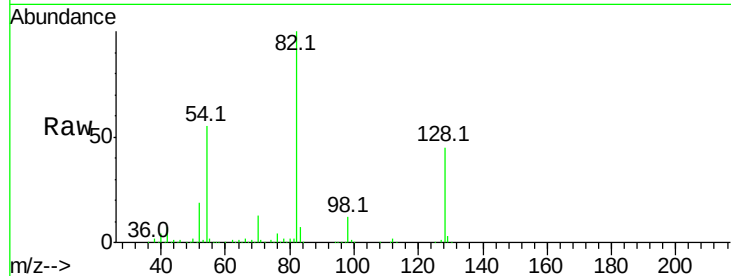
Ion 66.00 (65.70 to 66.70): BF1





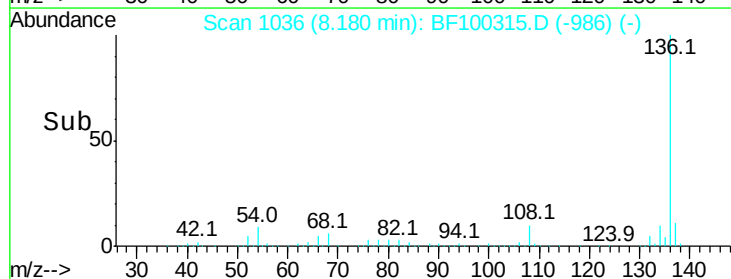
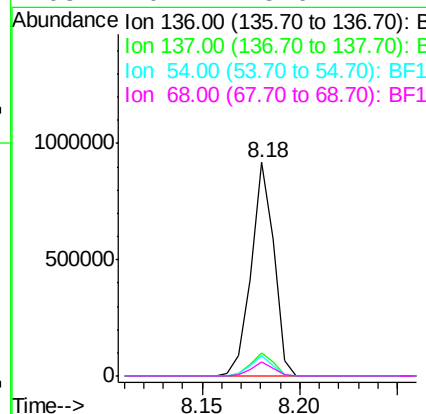
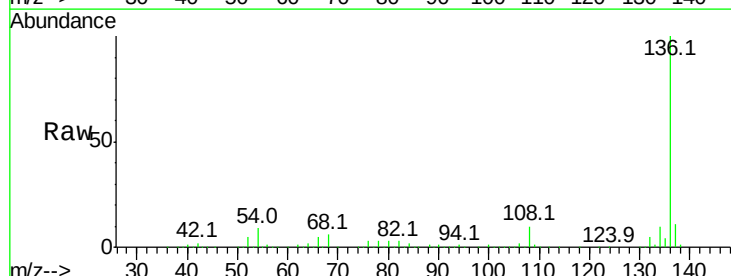
#19
n-Nitroso-di-n-propylamine
Concen: 12.220 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.15 min
Lab File: BF100315.D
Acq: 9 Nov 2017 1:54

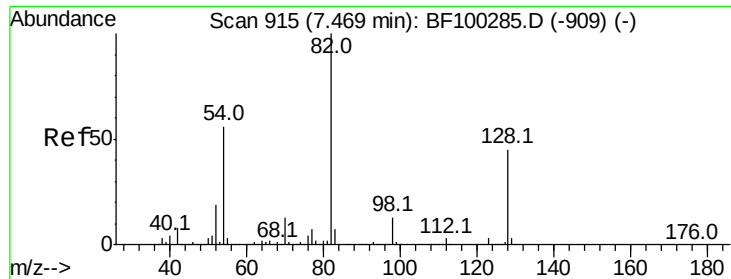
Tot Ion: 70 Resp: 126625
Ion Ratio Lower Upper
70 100
42 54.9 47.5 71.3
101 0.0 7.4 11.2#
130 2.5 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF100315.D
Acq: 9 Nov 2017 1:54

Tgt Ion:136 Resp: 737504
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 9.4 6.6 9.8
68 6.4 5.0 7.4





#23

Nitrobenzene-d5

Concen: 86.434 ng

RT: 7.46 min Scan# 914

Delta R.T. -0.01 min

Lab File: BF100315.D

Acq: 9 Nov 2017 1:54

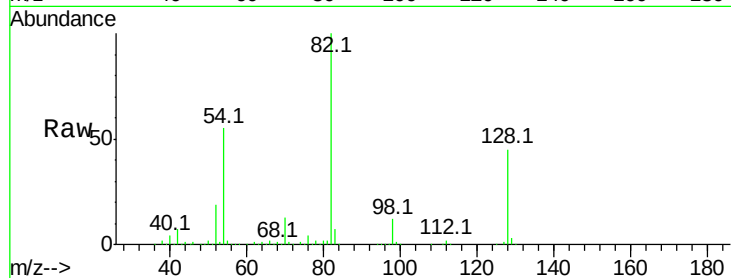
Tot Ion: 82 Resp: 964181

Ion Ratio Lower Upper

82 100

128 44.8 36.1 54.1

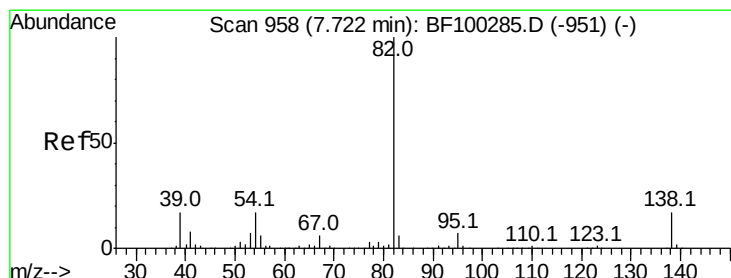
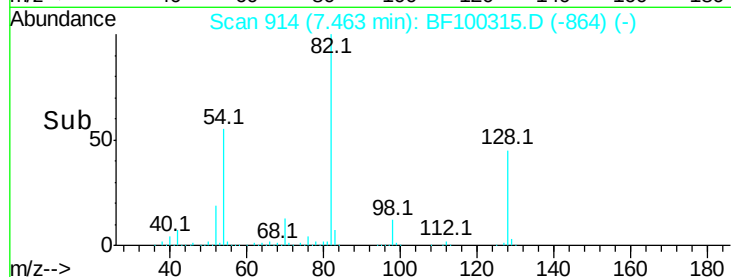
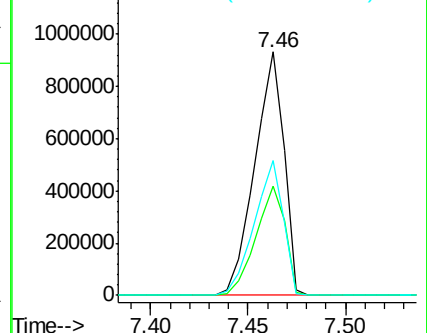
54 55.4 41.4 62.2



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: 41.130 ng

RT: 7.46 min Scan# 914

Delta R.T. -0.26 min

Lab File: BF100315.D

Acq: 9 Nov 2017 1:54

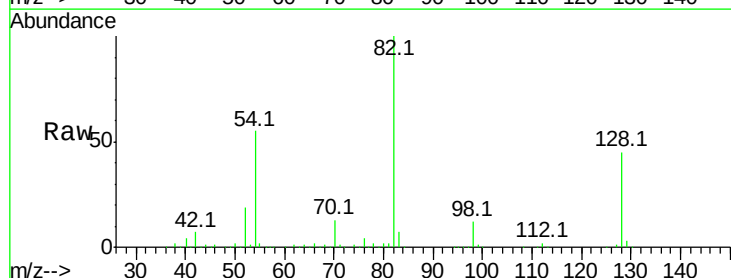
Tgt Ion: 82 Resp: 964164

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

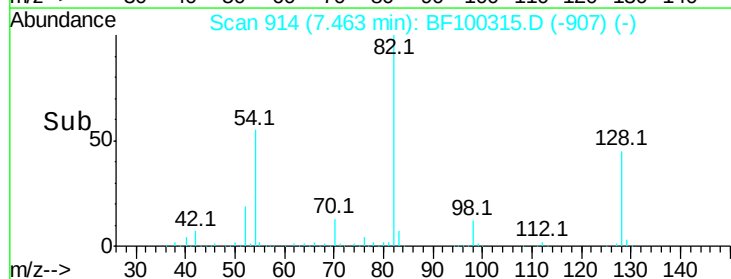
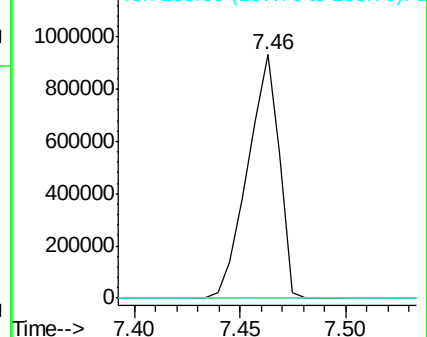
138 0.0 14.9 22.3#

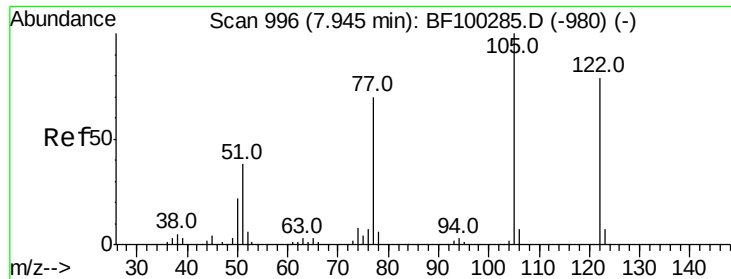


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1





#32

Benzoic acid

Concen: 9.383 ng

RT: 8.18 min Scan# 1036

Delta R.T. 0.24 min

Lab File: BF100315.D

Acq: 9 Nov 2017 1:54

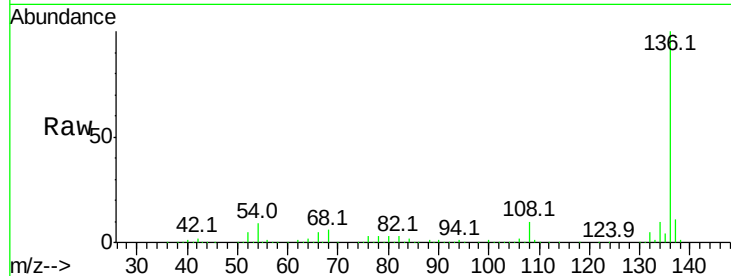
Tot Ion:122 Resp: 119

Ion Ratio Lower Upper

122 100

105 273.9 101.1 141.1#

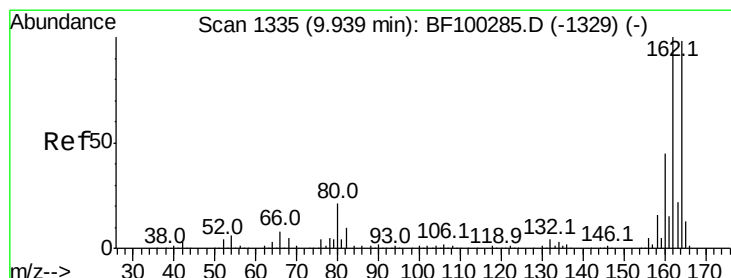
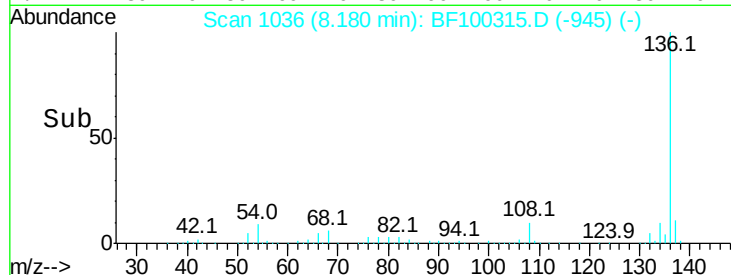
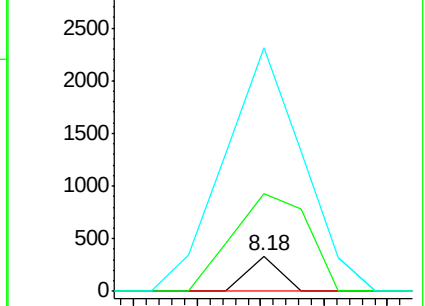
77 686.1 70.7 110.7#



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: 9.93 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BF100315.D

Acq: 9 Nov 2017 1:54

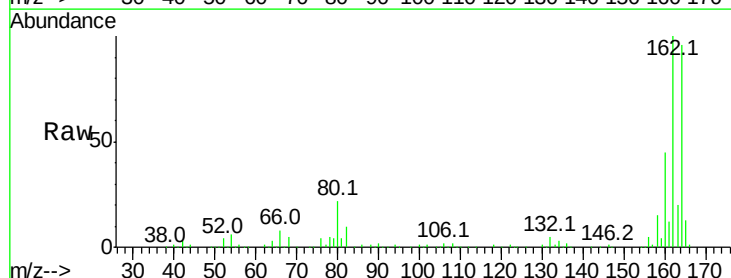
Tgt Ion:164 Resp: 307416

Ion Ratio Lower Upper

164 100

162 104.7 86.1 129.1

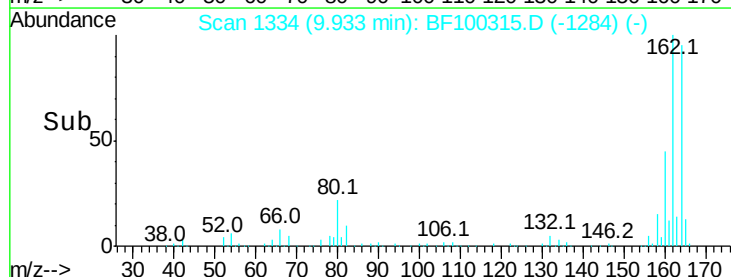
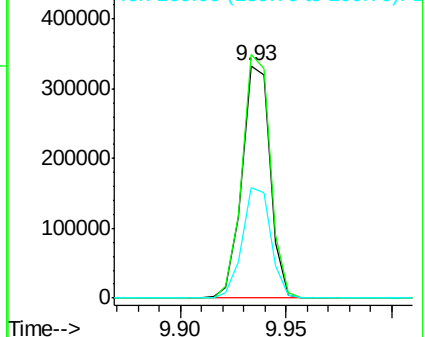
160 47.5 38.3 57.5

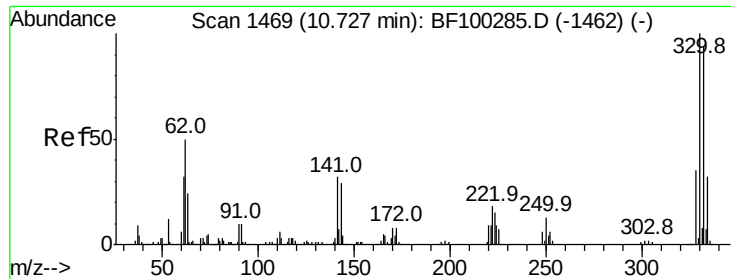


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

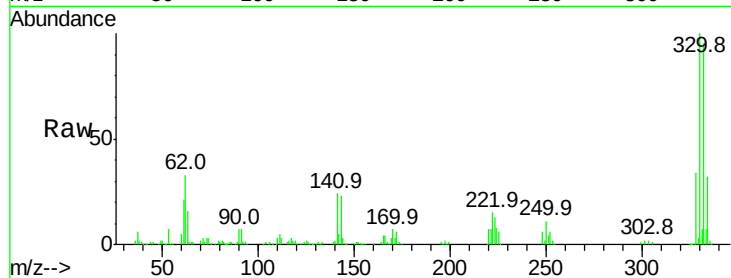
Ion 160.00 (159.70 to 160.70): E



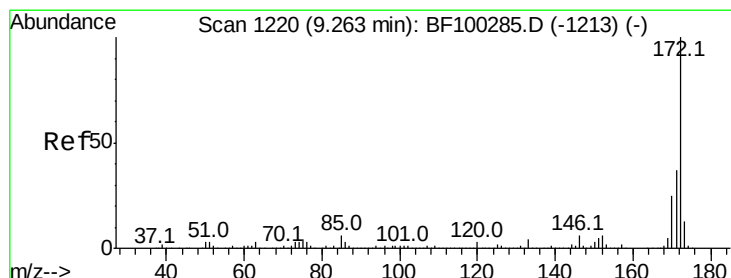
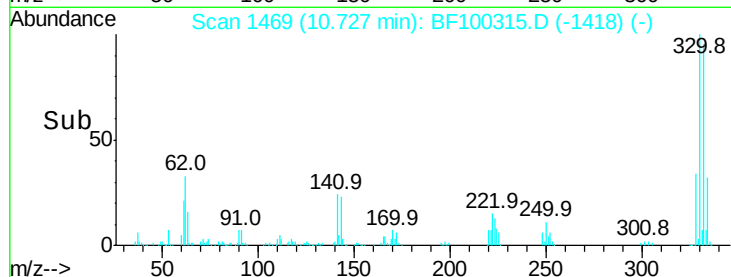
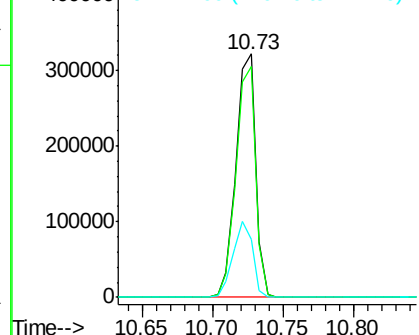


#41
 2,4,6-Tribromophenol
 Concen: 100.796 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: BF100315.D
 Acq: 9 Nov 2017 1:54

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.0	115.6
141	30.8	29.9	44.9

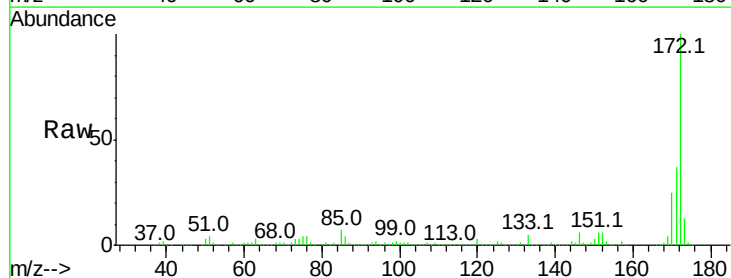


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

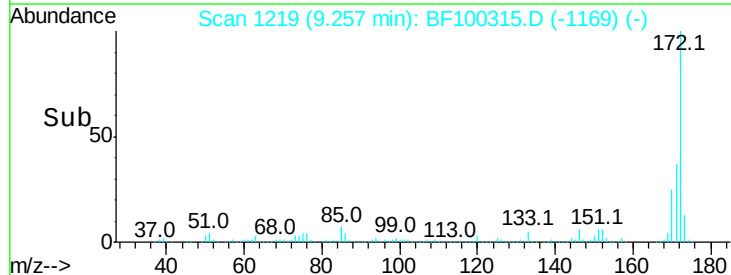
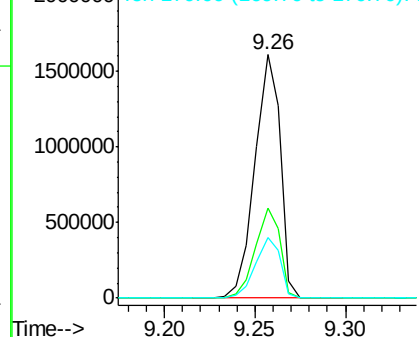


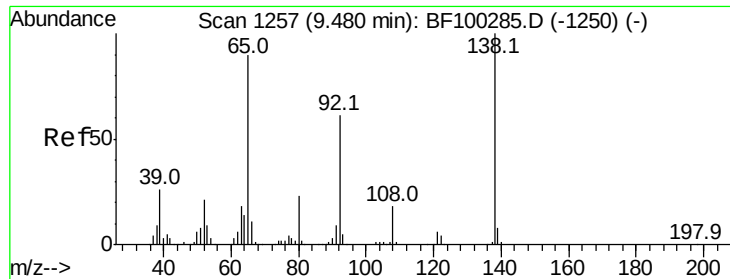
#44
 2-Fluorobiphenyl
 Concen: 77.530 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BF100315.D
 Acq: 9 Nov 2017 1:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	24.8	19.6	29.4



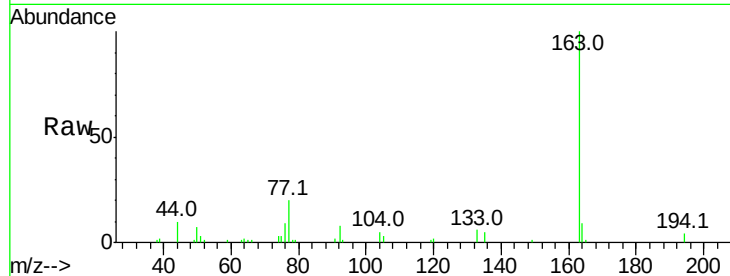
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



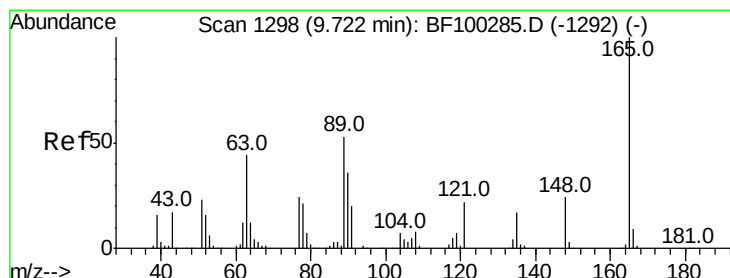
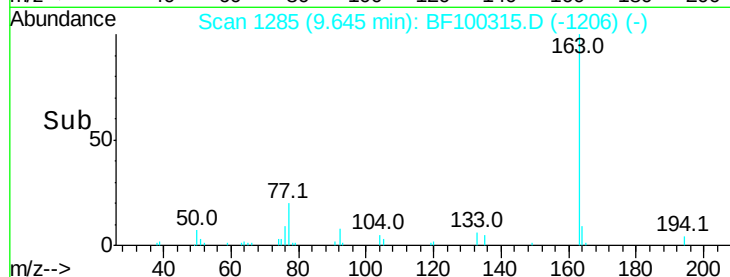
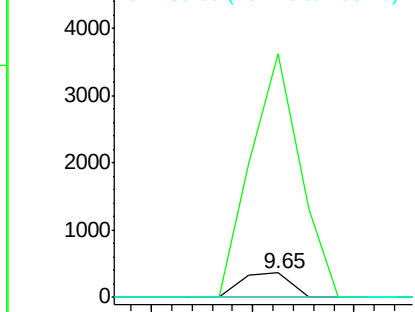


#47
2-Nitroaniline
Concen: 2.824 ng
RT: 9.65 min Scan# 1285
Delta R.T. 0.17 min
Lab File: BF100315.D
Acq: 9 Nov 2017 1:54

Tot Ion: 65 Resp: 243
Ion Ratio Lower Upper
65 100
92 1005.3 55.8 83.6#
138 0.0 91.2 136.8#

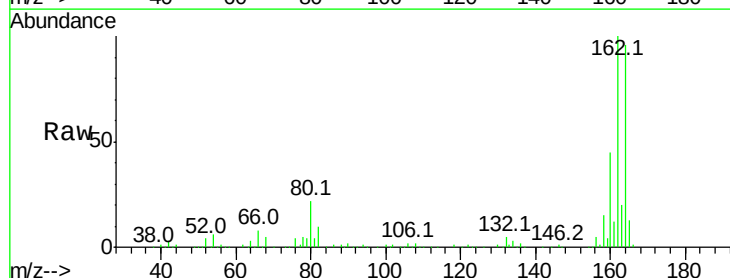


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

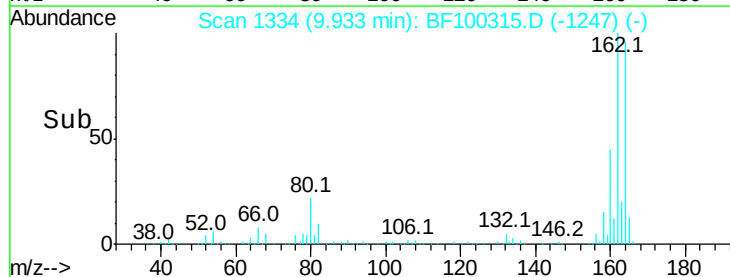
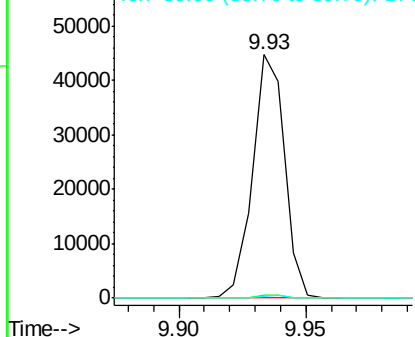


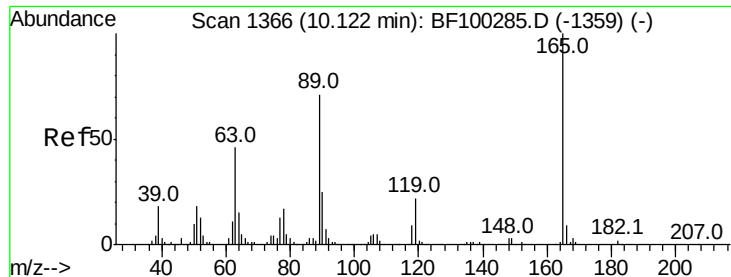
#50
2,6-Dinitrotoluene
Concen: 8.478 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.21 min
Lab File: BF100315.D
Acq: 9 Nov 2017 1:54

Tgt Ion:165 Resp: 39391
Ion Ratio Lower Upper
165 100
63 1.0 44.7 67.1#
89 0.7 44.0 66.0#



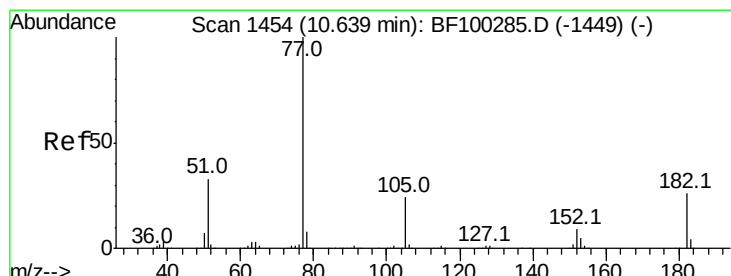
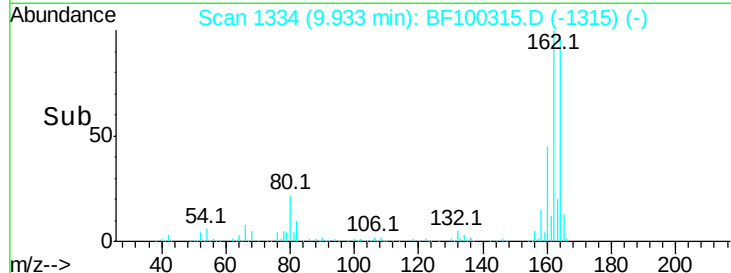
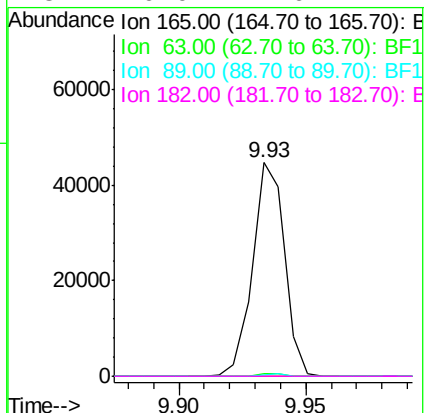
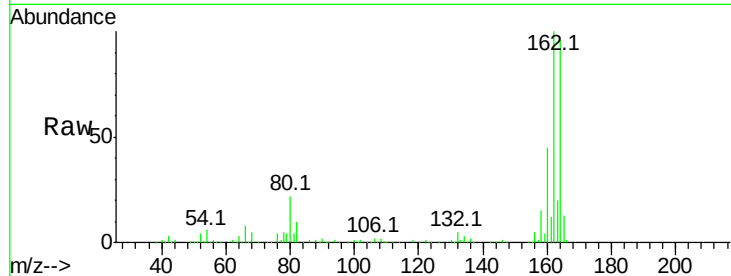
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





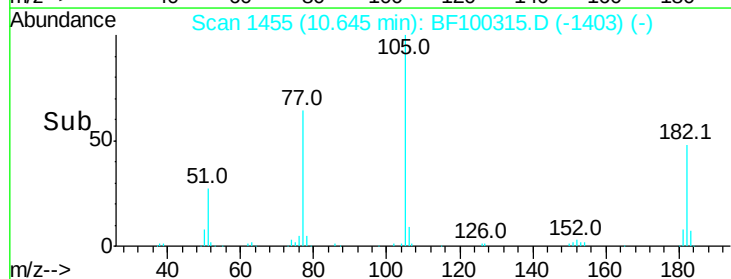
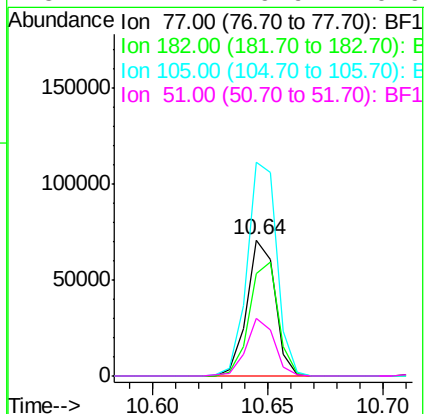
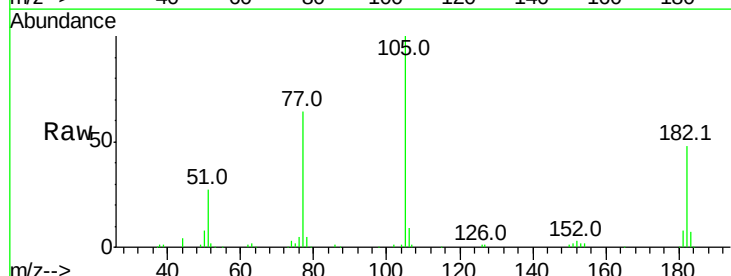
#56
2,4-Dinitrotoluene
Concen: 6.721 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.19 min
Lab File: BF100315.D
Acq: 9 Nov 2017 1:54

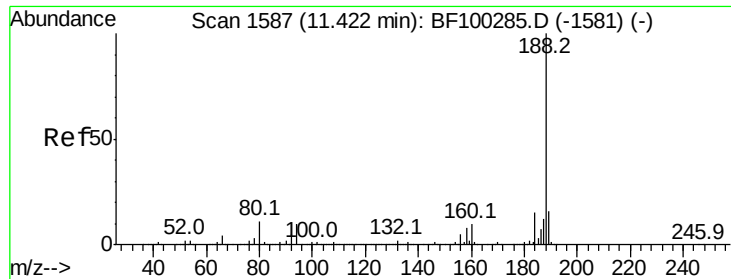
Tot Ion:	165	Resp:	39391
Ion	Ratio	Lower	Upper
165	100		
63	1.0	36.4	54.6#
89	0.7	57.8	86.6#
182	0.0	1.6	2.4#



#62
Azobenzene
Concen: 2.745 ng
RT: 10.64 min Scan# 1455
Delta R.T. 0.01 min
Lab File: BF100315.D
Acq: 9 Nov 2017 1:54

Tgt Ion:	77	Resp:	60732
Ion	Ratio	Lower	Upper
77	100		
182	75.1	1.7	41.7#
105	157.3	3.0	43.0#
51	42.2	9.9	49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1587

Delta R.T. -0.00 min

Lab File: BF100315.D

Acq: 9 Nov 2017 1:54

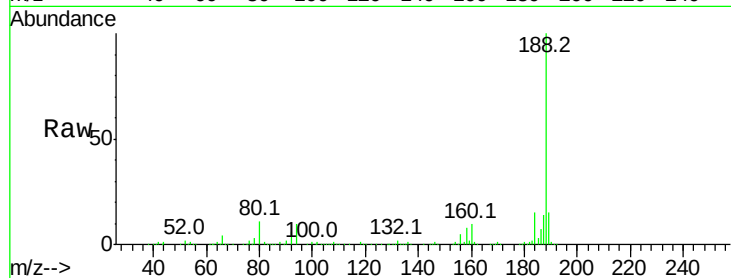
Tot Ion:188 Resp: 483044

Ion Ratio Lower Upper

188 100

94 10.3 8.5 12.7

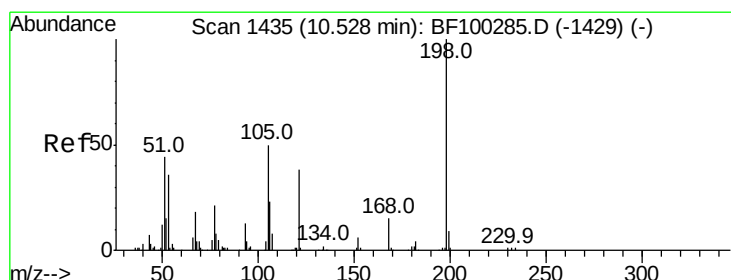
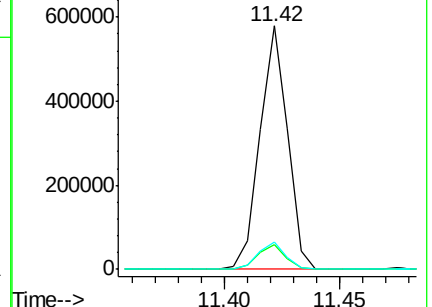
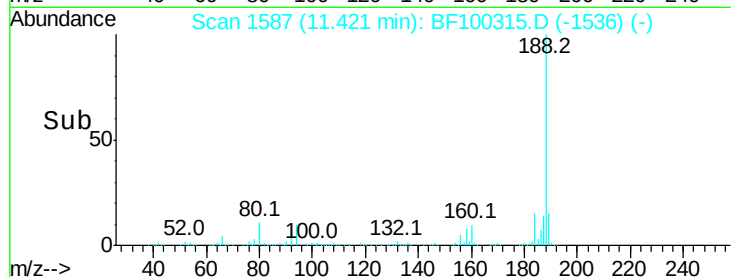
80 11.3 9.2 13.8



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: 8.789 ng

RT: 10.73 min Scan# 1469

Delta R.T. 0.20 min

Lab File: BF100315.D

Acq: 9 Nov 2017 1:54

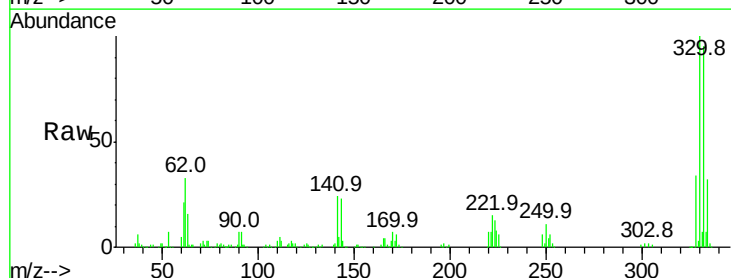
Tgt Ion:198 Resp: 651

Ion Ratio Lower Upper

198 100

51 143.0 37.7 77.7#

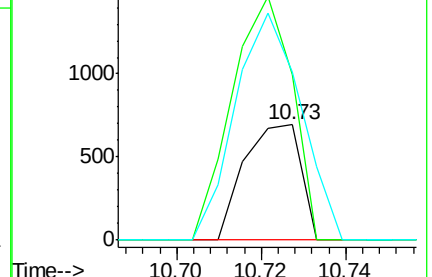
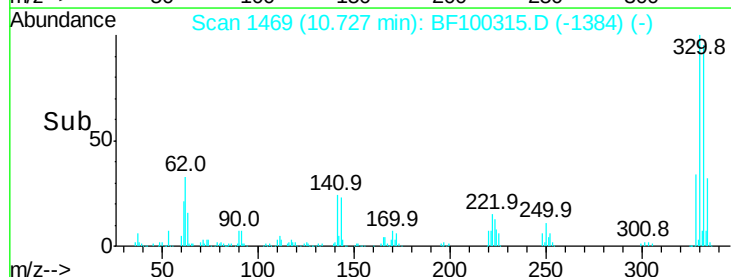
105 145.5 36.3 76.3#

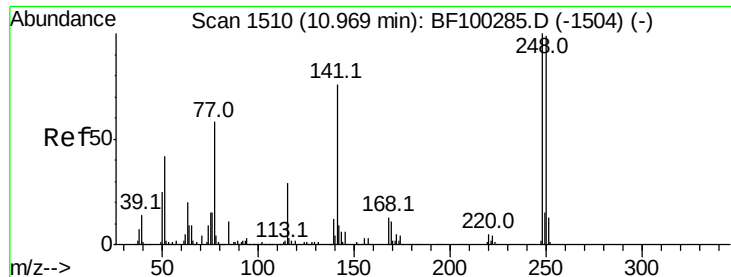


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

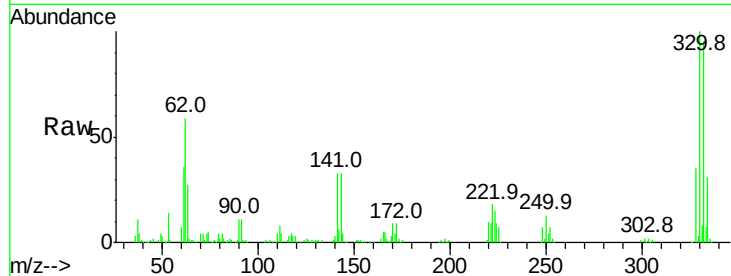
Ion 105.00 (104.70 to 105.70): E



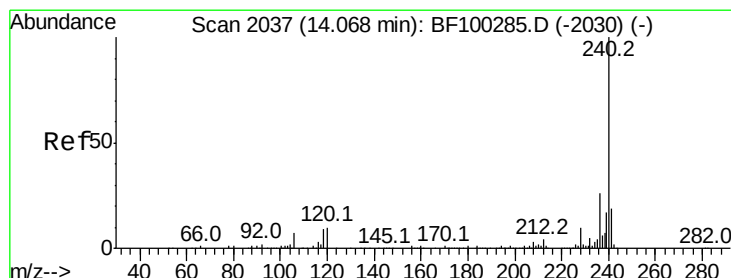
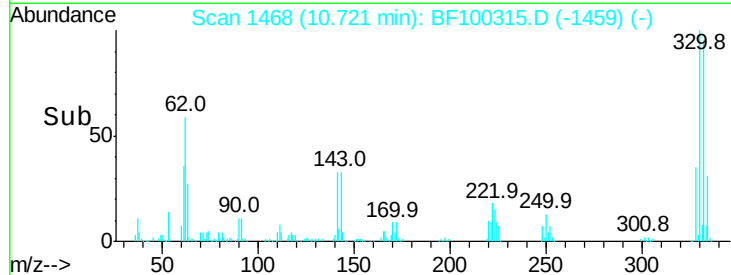
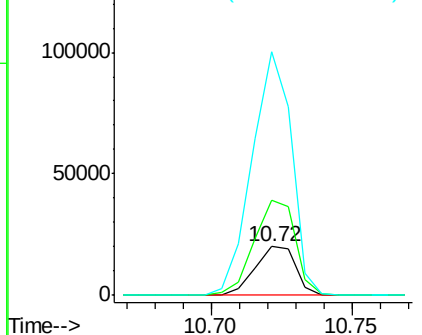


#66
 4-Bromophenyl-phenylether
 Concen: 3.901 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. -0.25 min
 Lab File: BF100315.D
 Acq: 9 Nov 2017 1:54

Tot Ion:248 Resp: 20201
 Ion Ratio Lower Upper
 248 100
 250 194.7 76.9 115.3#
 141 496.7 74.4 111.6#

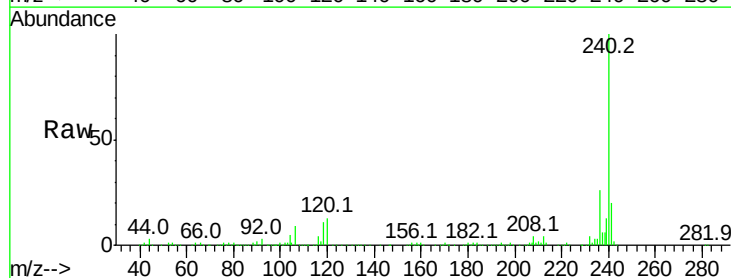


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

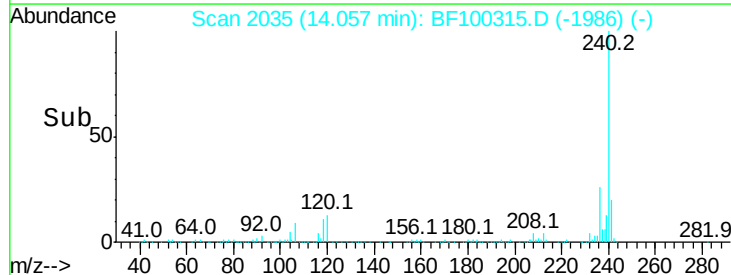
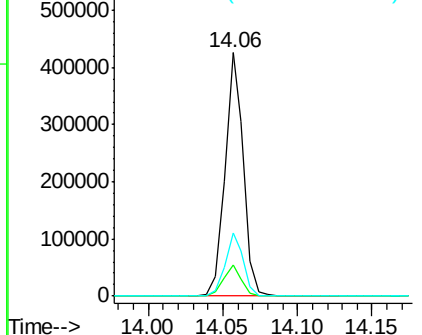


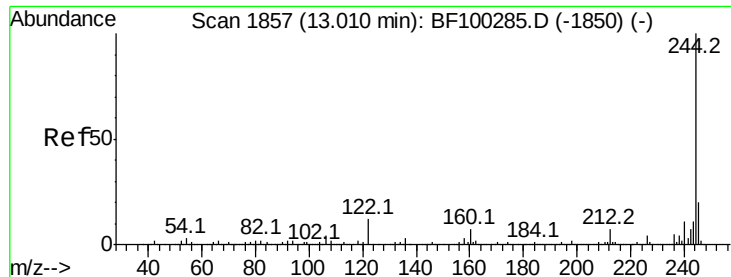
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF100315.D
 Acq: 9 Nov 2017 1:54

Tgt Ion:240 Resp: 368892
 Ion Ratio Lower Upper
 240 100
 120 12.7 9.5 14.3
 236 25.7 20.7 31.1



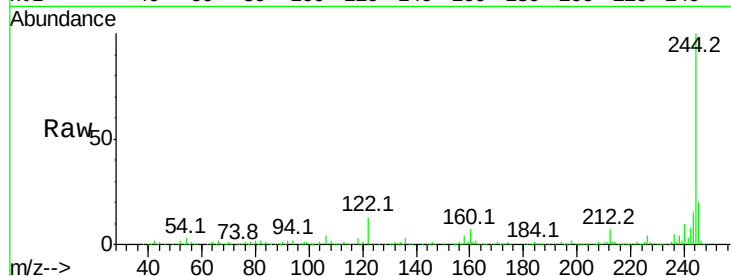
Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E



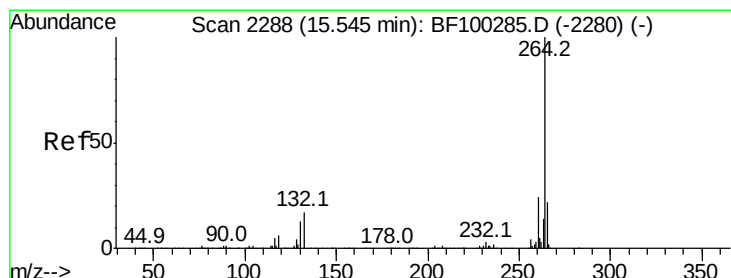
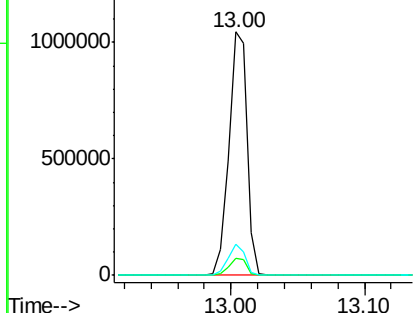
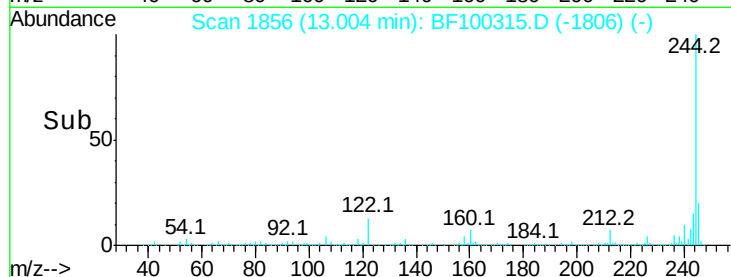


#78
 Terphenyl-d14
 Concen: 62.650 ng
 RT: 13.00 min Scan# 1856
 Delta R.T. -0.01 min
 Lab File: BF100315.D
 Acq: 9 Nov 2017 1:54

Tot Ion:244 Resp: 1005839
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 12.7 11.0 16.4

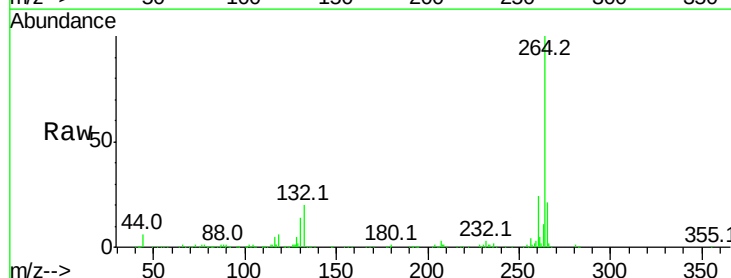


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2287
 Delta R.T. -0.01 min
 Lab File: BF100315.D
 Acq: 9 Nov 2017 1:54

Tgt Ion:264 Resp: 354247
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.2 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

