

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110817\
 Data File : BF100303.D
 Acq On : 8 Nov 2017 20:31
 Operator : SJ/JU
 Sample : I6300-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Nov 09 00:12:39 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	206680	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	830630	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	381474	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	684768	20.00	ng	0.00
75) Chrysene-d12	14.06	240	450457	20.00	ng	-0.01
86) Perylene-d12	15.54	264	441803	20.00	ng	0.00

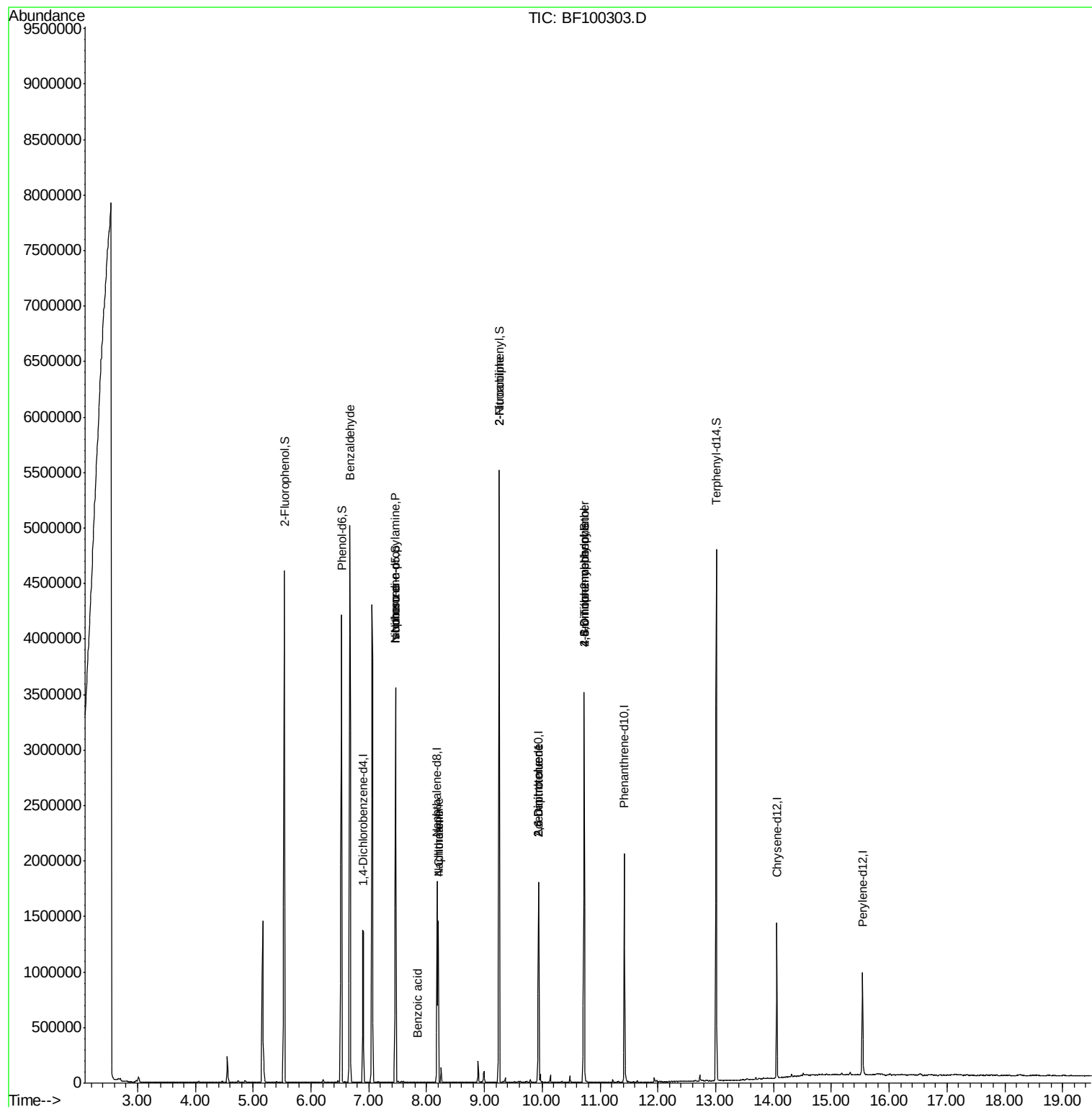
System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.54	112	1500034	116.34	ng	0.03
7) Phenol-d6	6.53	99	1672615	105.20	ng	0.00
23) Nitrobenzene-d5	7.46	82	1267569	100.89	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	507236	130.49	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	2157804	86.13	ng	0.00
78) Terphenyl-d14	13.01	244	1823675	93.02	ng	0.00

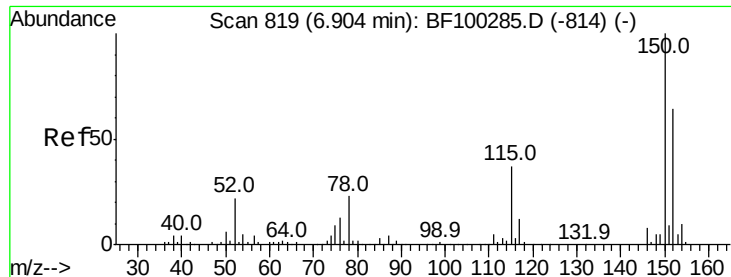
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.67	77	34998	3.082	ng	82
19) n-Nitroso-di-n-propylamine	7.46	70	173229	15.711	ng	# 83
25) Isophorone	7.46	82	1267537	48.010	ng	# 64
31) Naphthalene	8.20	128	687377	17.181	ng	99
32) Benzoic acid	7.85	122	889	9.450	ng	94
33) 4-Chloroaniline	8.20	127	90041	5.407	ng	# 32
47) 2-Nitroaniline	9.25	65	3232	3.214	ng	# 4
50) 2,6-Dinitrotoluene	9.93	165	48259	8.371	ng	# 25
56) 2,4-Dinitrotoluene	9.93	165	48259	6.635	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.73	198	1190	8.853	ng	# 1
66) 4-Bromophenyl-phenylether	10.73	248	31917	4.348	ng	# 1

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

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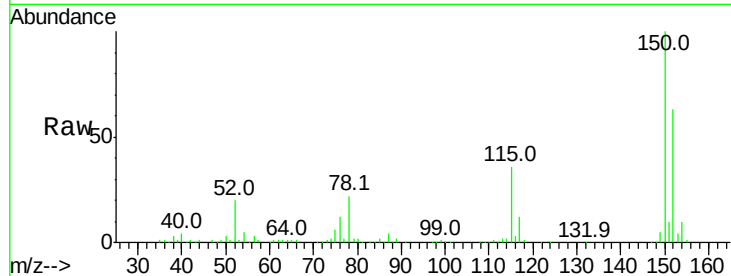




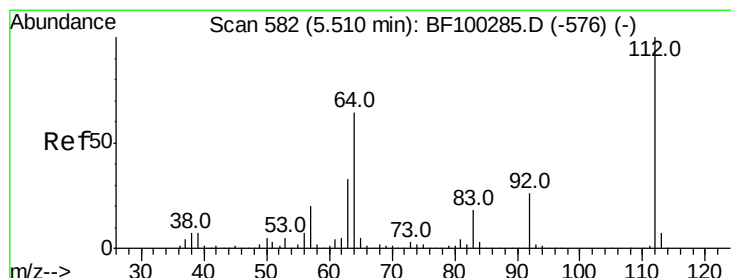
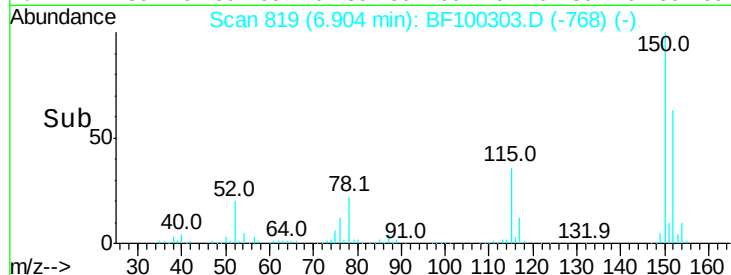
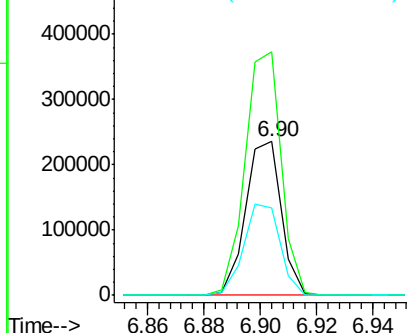
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF100303.D
Acq: 8 Nov 2017 20:31

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.7	124.6	186.8
115	57.4	50.1	75.1



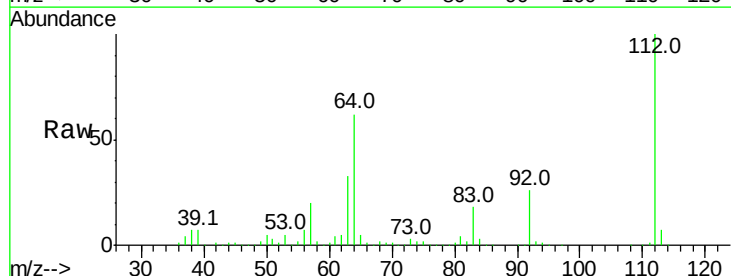
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



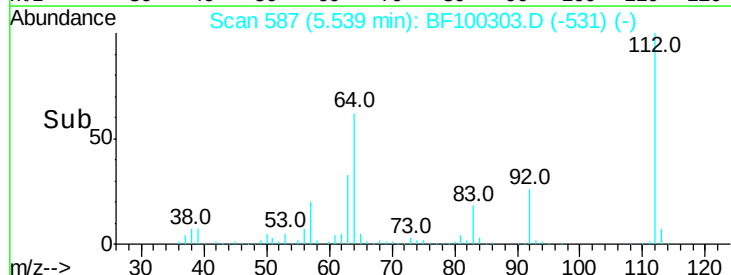
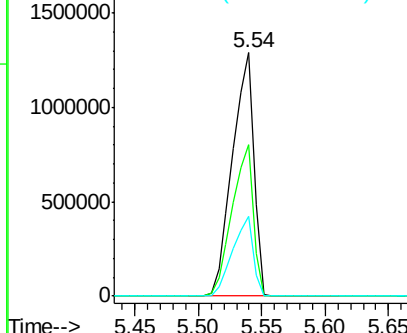
#5

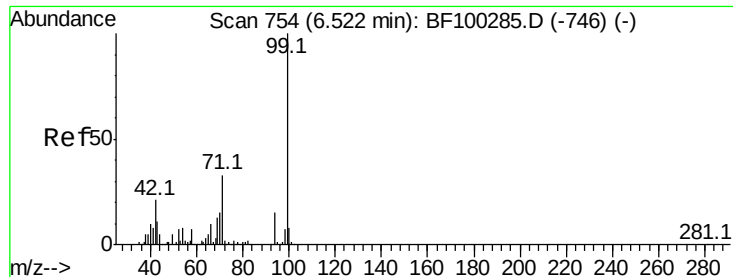
2-Fluorophenol
Concen: 116.341 ng
RT: 5.54 min Scan# 587
Delta R.T. 0.03 min
Lab File: BF100303.D
Acq: 8 Nov 2017 20:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.3	47.9	71.9
63	33.0	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: 105.201 ng

RT: 6.53 min Scan# 755

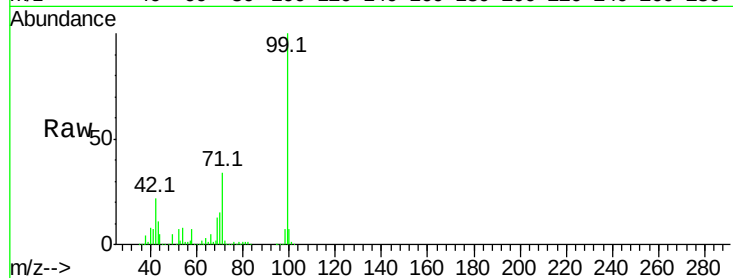
Delta R.T. 0.01 min

Lab File: BF100303.D

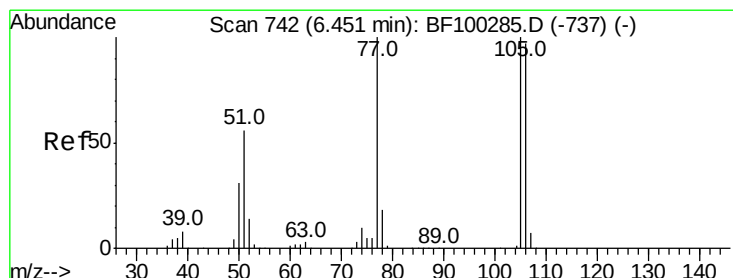
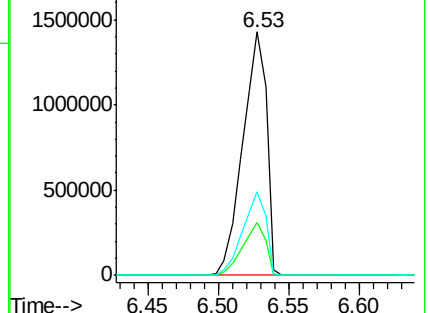
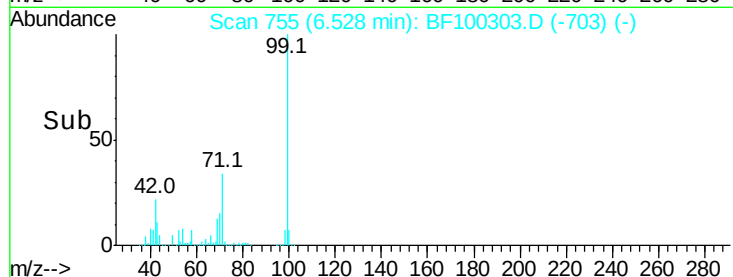
Acq: 8 Nov 2017 20:31

Tot Ion: 99 Resp: 1672615

Ion	Ratio	Lower	Upper
99	100		
42	21.7	14.5	21.7
71	34.4	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



#9

Benzaldehyde

Concen: 3.082 ng

RT: 6.67 min Scan# 780

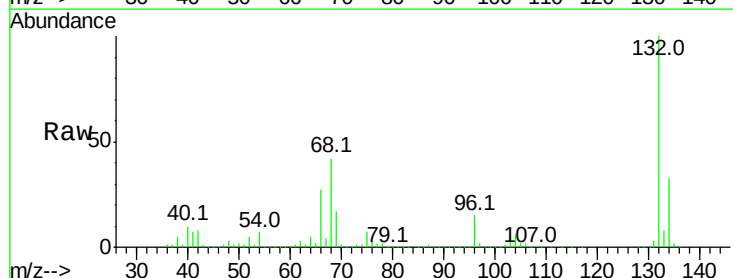
Delta R.T. 0.22 min

Lab File: BF100303.D

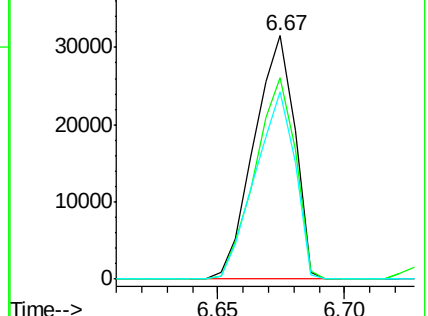
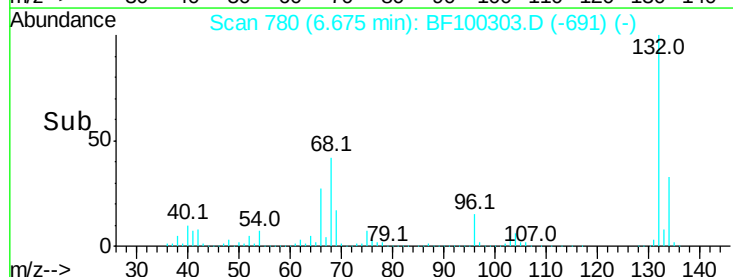
Acq: 8 Nov 2017 20:31

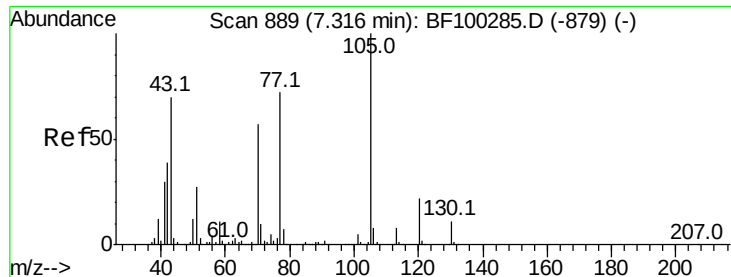
Tgt Ion: 77 Resp: 34998

Ion	Ratio	Lower	Upper
77	100		
105	82.5	81.1	121.1
106	76.8	74.5	114.5



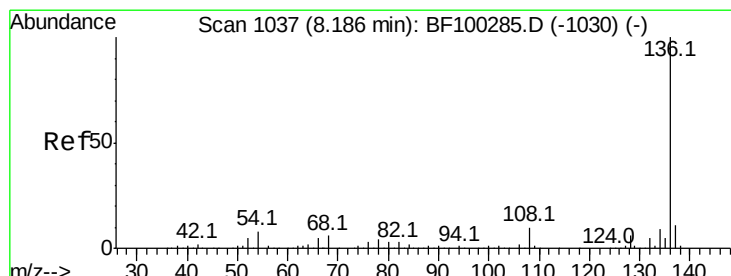
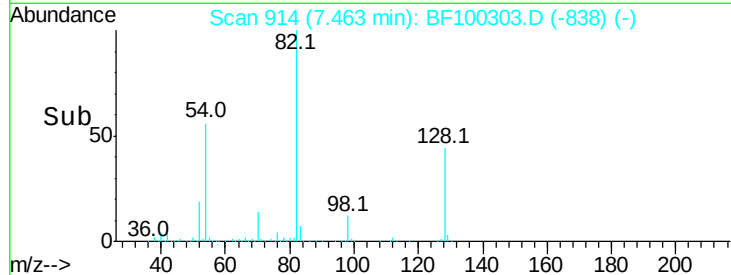
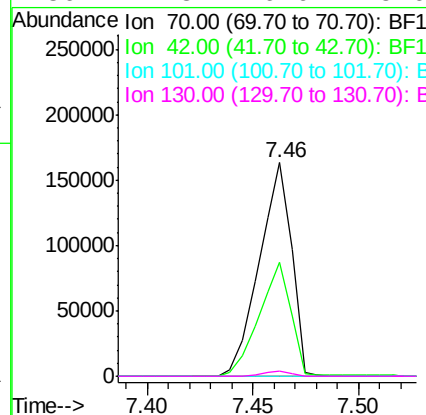
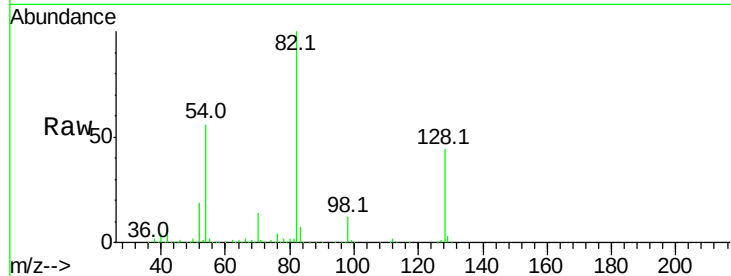
Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 105.00 (104.70 to 105.70): BF1
 Ion 106.00 (105.70 to 106.70): BF1





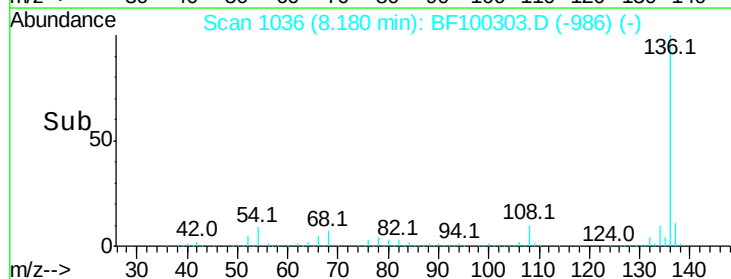
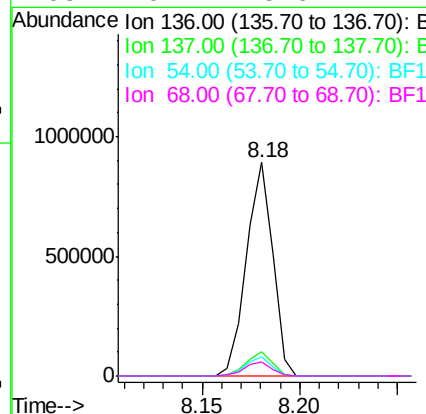
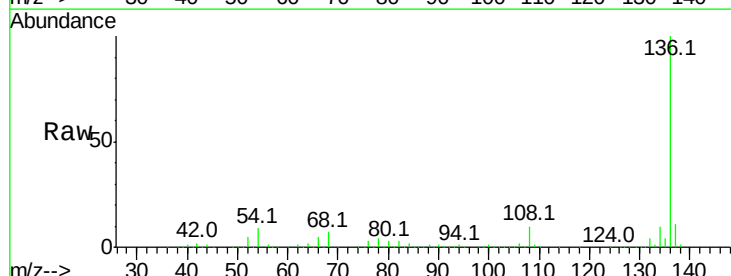
#19
n-Nitroso-di-n-propylamine
Concen: 15.711 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.15 min
Lab File: BF100303.D
Acq: 8 Nov 2017 20:31

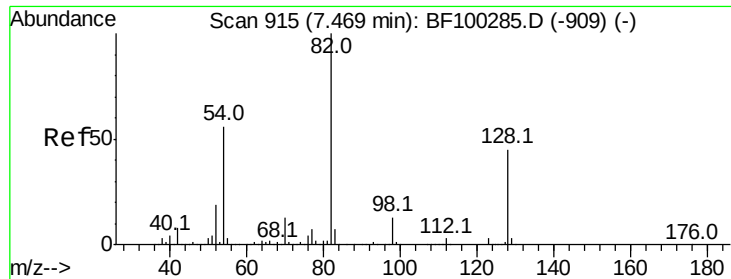
Tot Ion: 70 Resp: 173229
Ion Ratio Lower Upper
70 100
42 53.5 47.5 71.3
101 0.0 7.4 11.2#
130 2.3 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF100303.D
Acq: 8 Nov 2017 20:31

Tgt Ion: 136 Resp: 830630
Ion Ratio Lower Upper
136 100
137 11.5 8.9 13.3
54 8.9 6.6 9.8
68 6.7 5.0 7.4

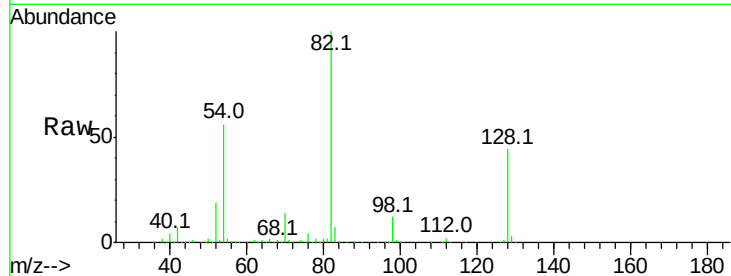




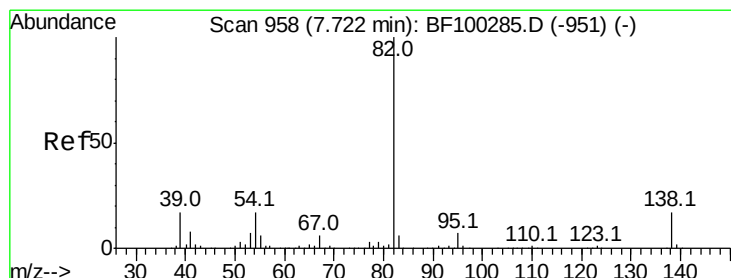
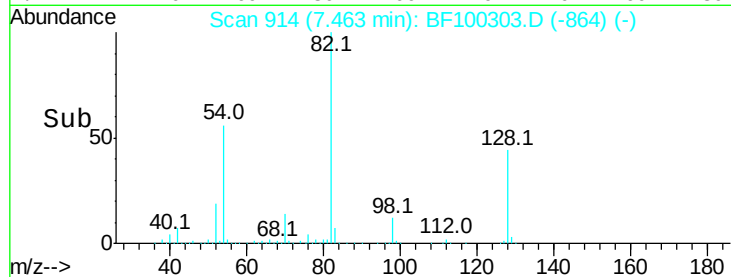
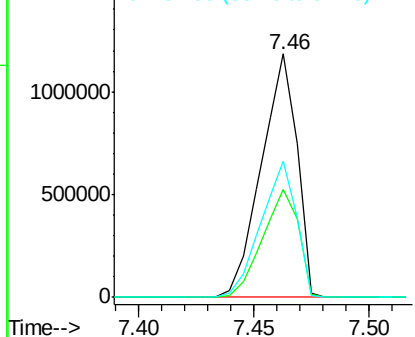
#23
Nitrobenzene-d5
Concen: 100.891 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF100303.D
Acq: 8 Nov 2017 20:31

Tot Ion: 82 Resp: 1267569

Ion	Ratio	Lower	Upper
82	100		
128	44.4	36.1	54.1
54	56.0	41.4	62.2



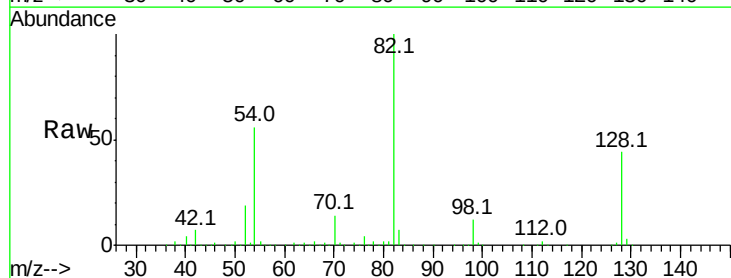
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1



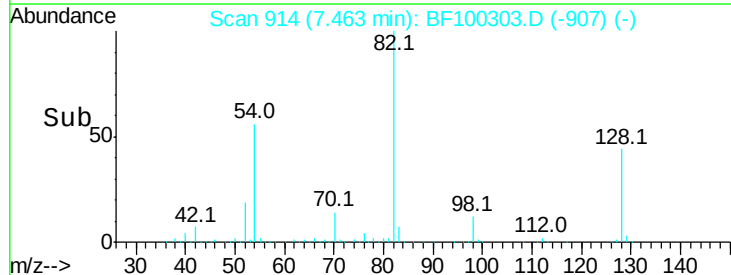
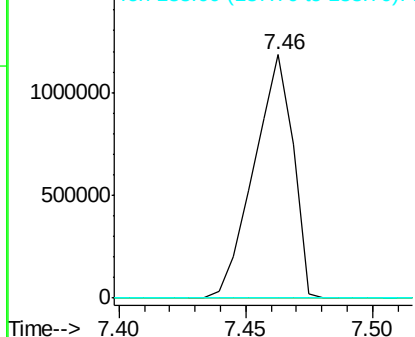
#25
Isophorone
Concen: 48.010 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.26 min
Lab File: BF100303.D
Acq: 8 Nov 2017 20:31

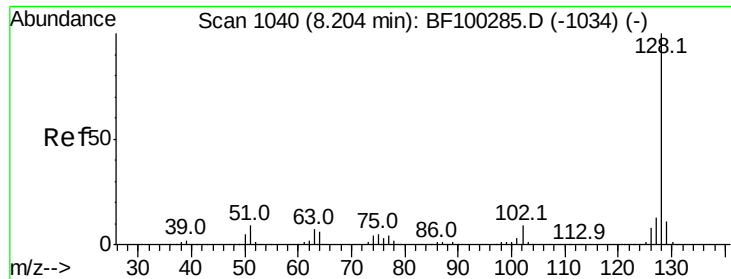
Tgt Ion: 82 Resp: 1267537

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#



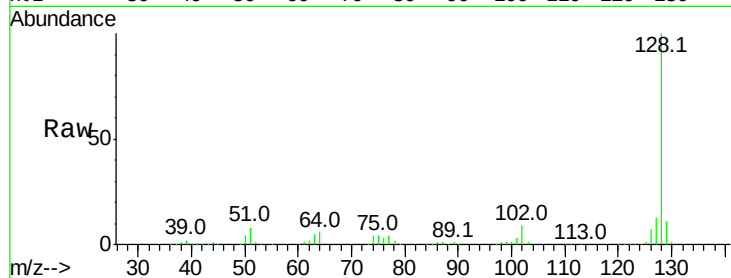
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



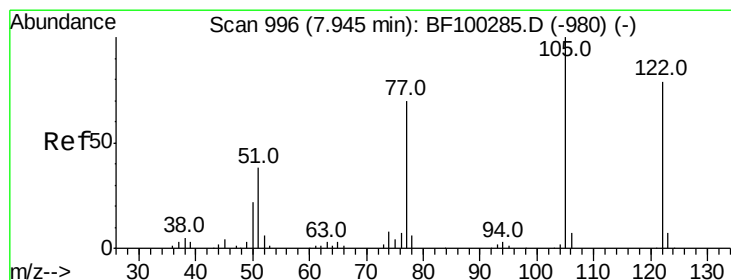
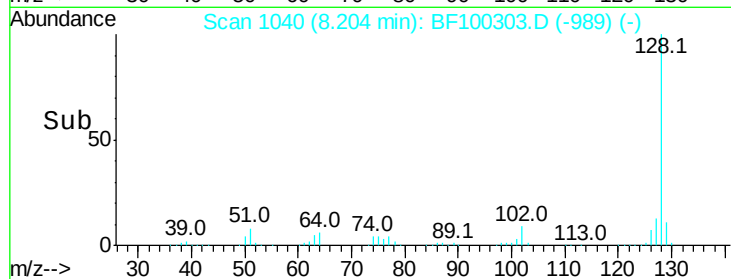
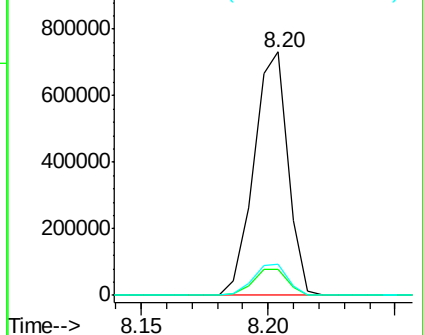


#31
Naphthalene
Concen: 17.181 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF100303.D
Acq: 8 Nov 2017 20:31

Tot Ion:128 Resp: 687377
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 12.8 10.9 16.3

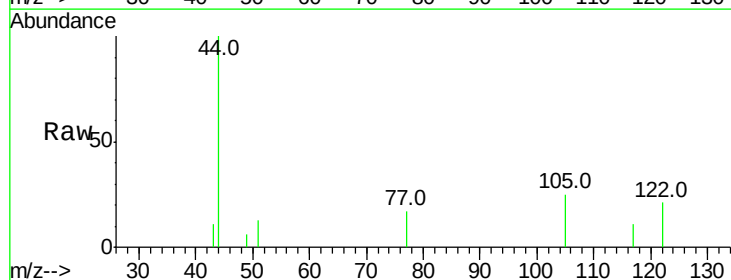


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

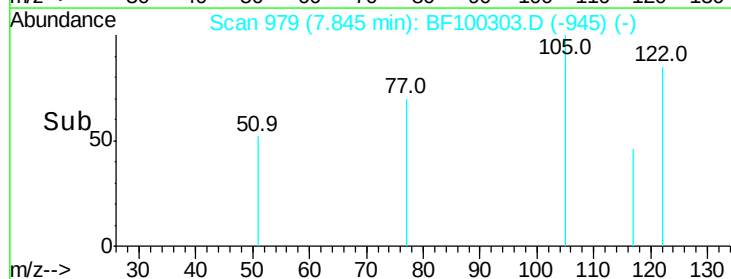
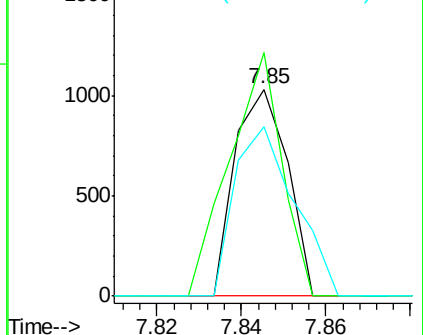


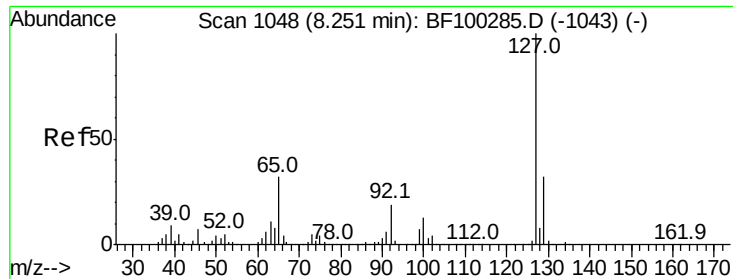
#32
Benzoic acid
Concen: 9.450 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.10 min
Lab File: BF100303.D
Acq: 8 Nov 2017 20:31

Tgt Ion:122 Resp: 889
Ion Ratio Lower Upper
122 100
105 117.7 101.1 141.1
77 82.0 70.7 110.7



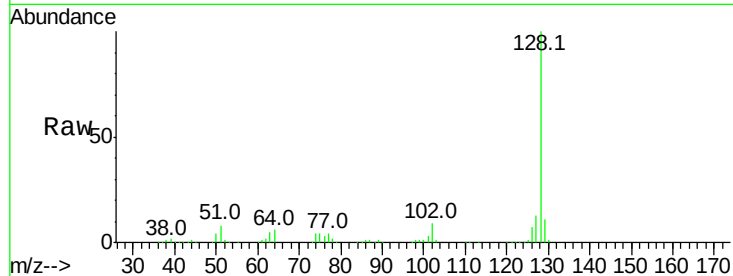
Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1



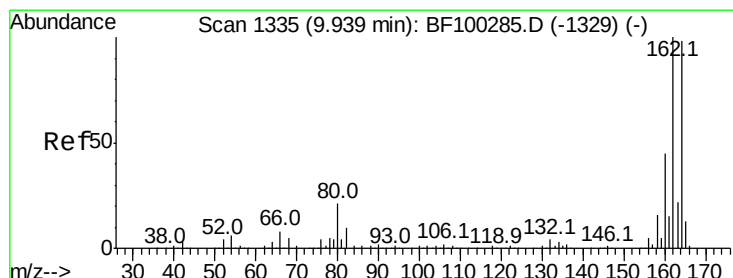
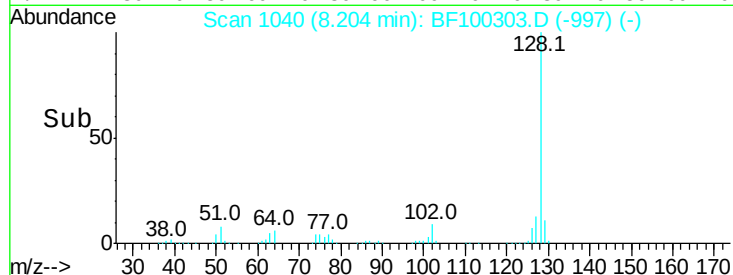
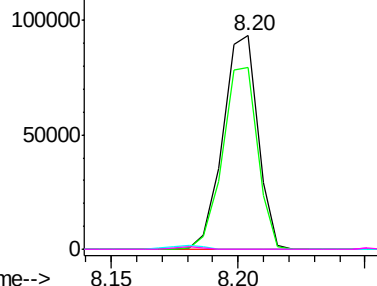


#33
4-Chloroaniline
Concen: 5.407 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.05 min
Lab File: BF100303.D
Acq: 8 Nov 2017 20:31

Tot Ion:	127	Resp:	90041
Ion	Ratio	Lower	Upper
127	100		
129	85.1	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#

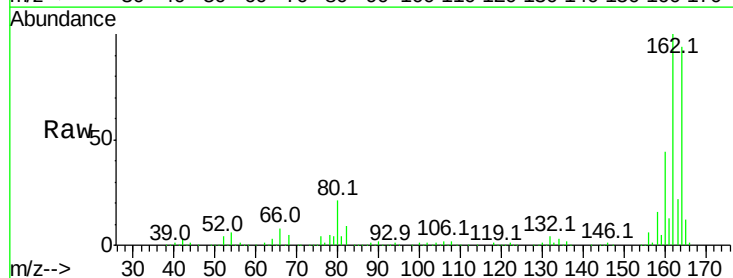


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

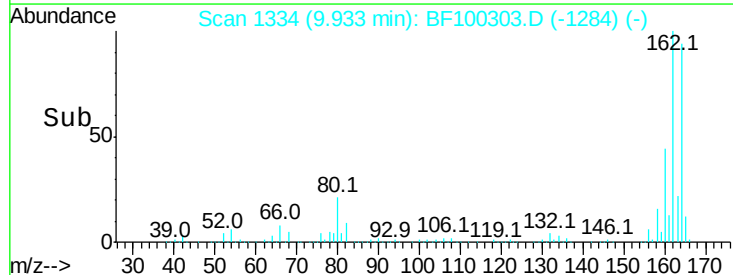
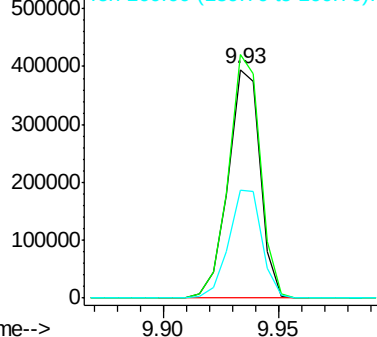


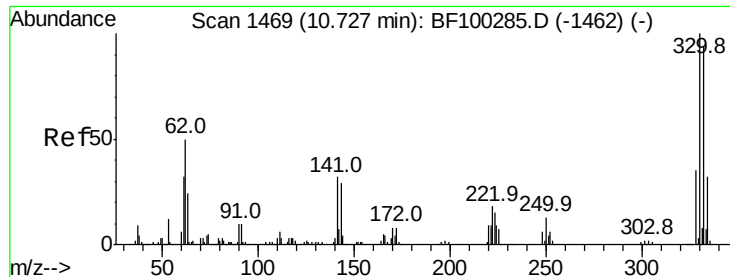
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF100303.D
Acq: 8 Nov 2017 20:31

Tgt Ion:	164	Resp:	381474
Ion	Ratio	Lower	Upper
164	100		
162	106.6	86.1	129.1
160	47.1	38.3	57.5



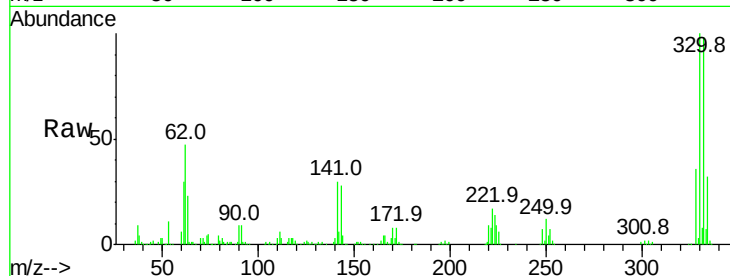
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



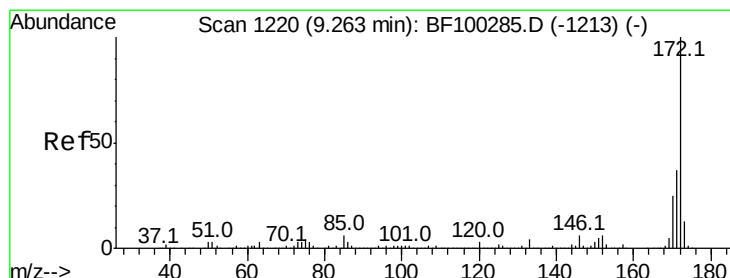
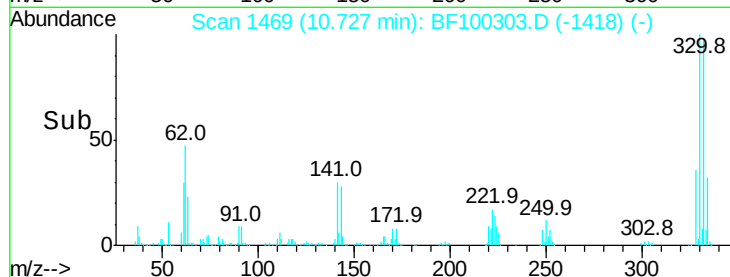
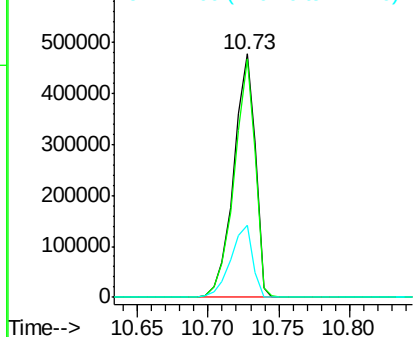


#41
 2,4,6-Tribromophenol
 Concen: 130.488 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: BF100303.D
 Acq: 8 Nov 2017 20:31

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.0	115.6
141	30.2	29.9	44.9

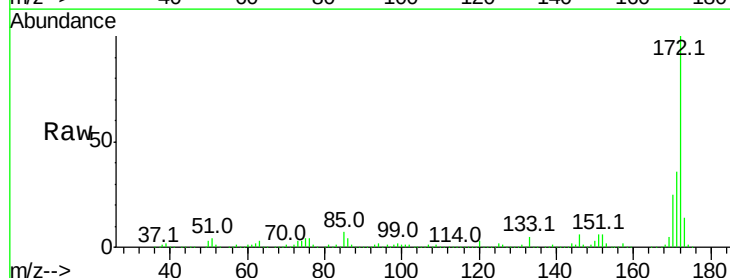


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

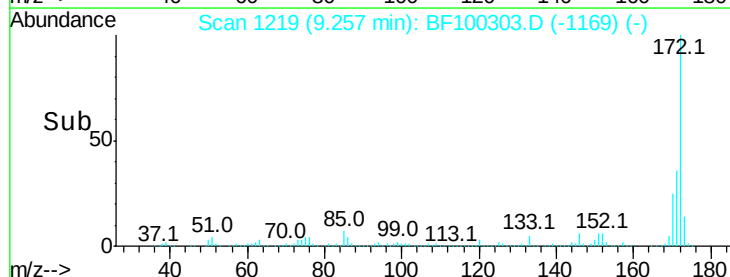
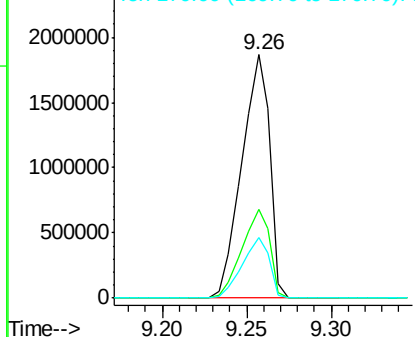


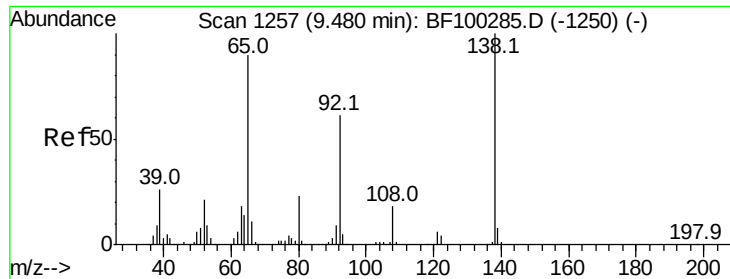
#44
 2-Fluorobiphenyl
 Concen: 86.132 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BF100303.D
 Acq: 8 Nov 2017 20:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.9	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: 3.214 ng

RT: 9.25 min Scan# 1218

Delta R.T. -0.23 min

Lab File: BF100303.D

Acq: 8 Nov 2017 20:31

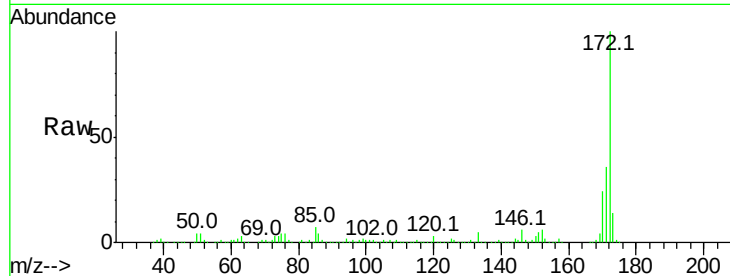
Tot Ion: 65 Resp: 3232

Ion Ratio Lower Upper

65 100

92 167.4 55.8 83.6#

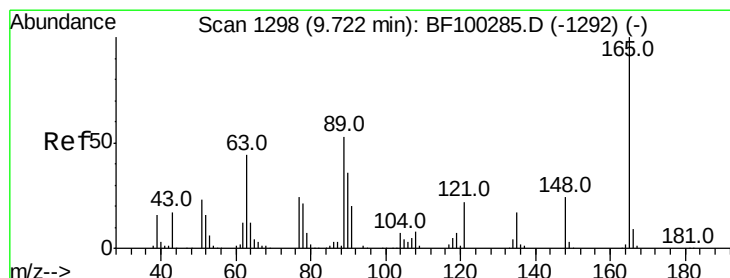
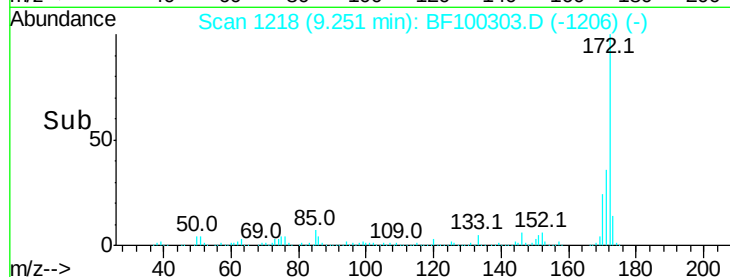
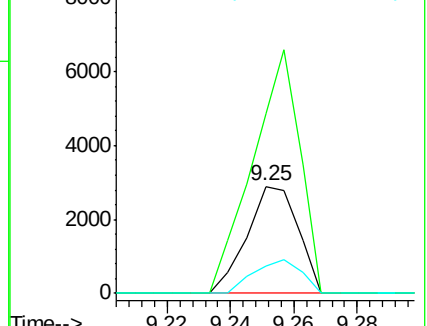
138 25.9 91.2 136.8#



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: 8.371 ng

RT: 9.93 min Scan# 1334

Delta R.T. 0.21 min

Lab File: BF100303.D

Acq: 8 Nov 2017 20:31

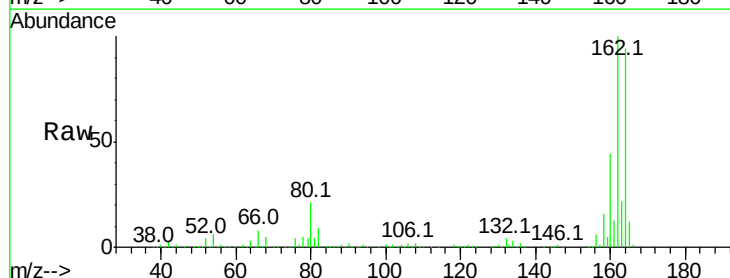
Tgt Ion:165 Resp: 48259

Ion Ratio Lower Upper

165 100

63 1.2 44.7 67.1#

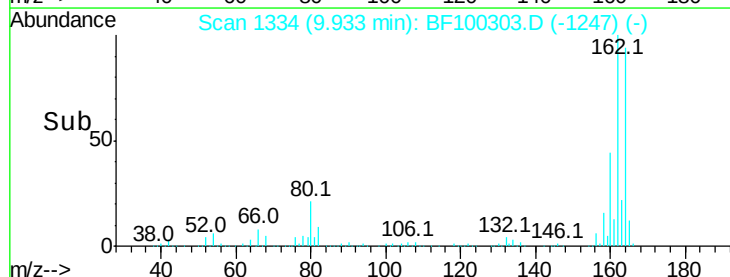
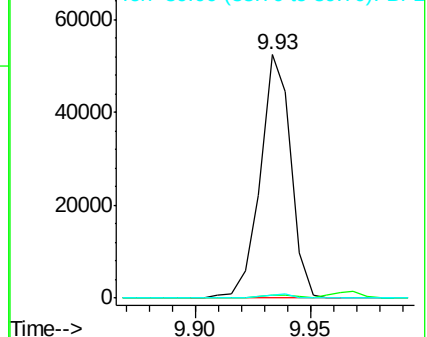
89 1.0 44.0 66.0#

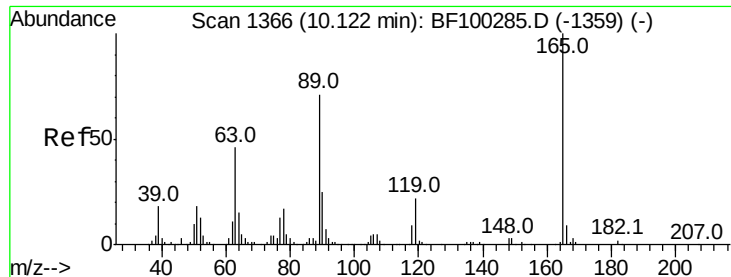


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

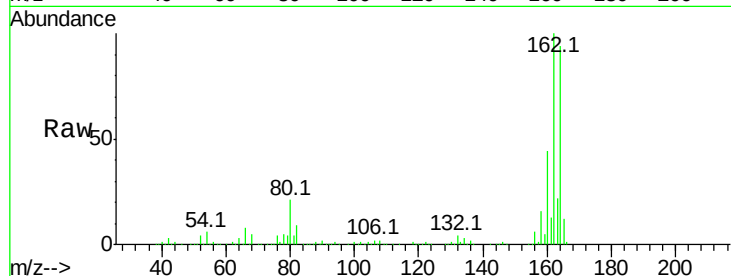
Ion 89.00 (88.70 to 89.70): BF1





#56
 2,4-Dinitrotoluene
 Concen: 6.635 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.19 min
 Lab File: BF100303.D
 Acq: 8 Nov 2017 20:31

Tot Ion:	165	Resp:	48259
Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.0	57.8	86.6#
182	0.0	1.6	2.4#

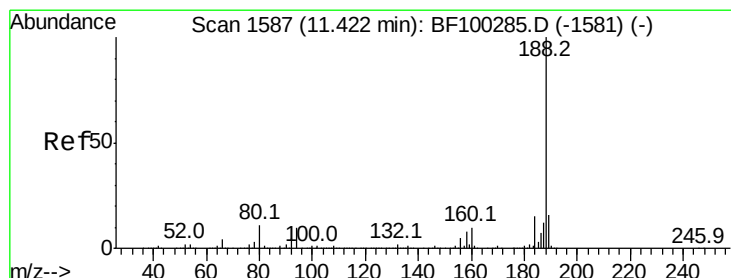
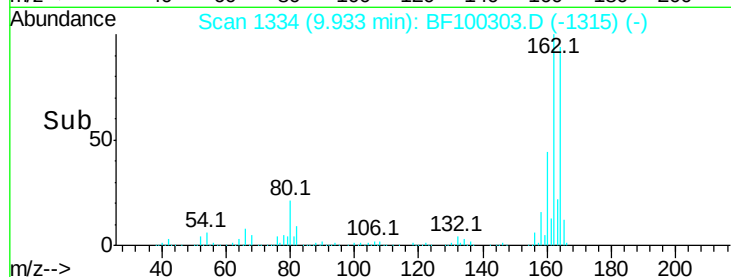
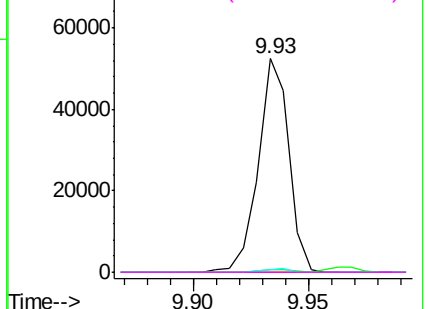


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

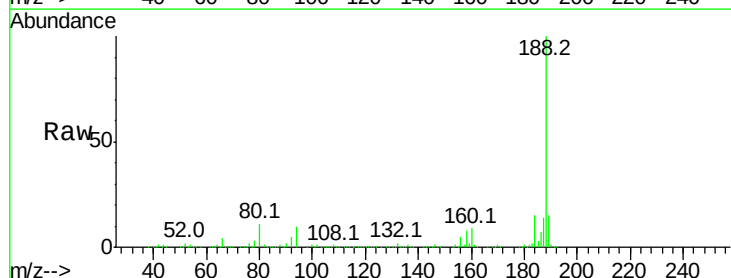
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.00 min
 Lab File: BF100303.D
 Acq: 8 Nov 2017 20:31

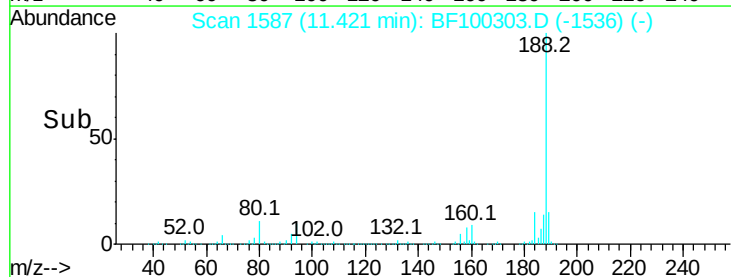
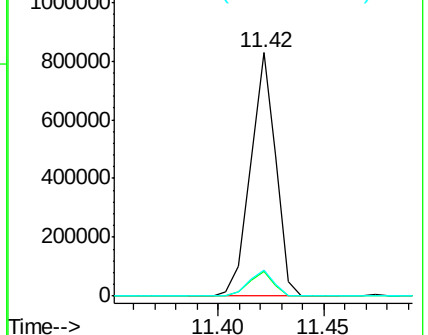
Tgt Ion:	188	Resp:	684768
Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.5	12.7
80	10.6	9.2	13.8

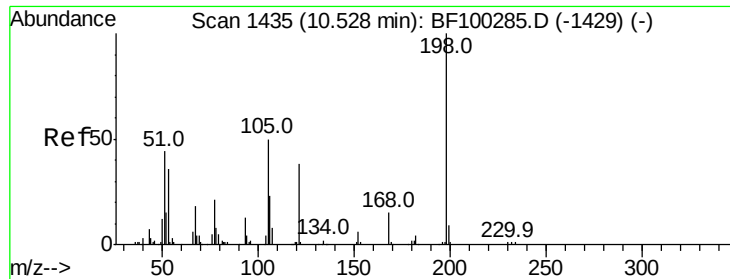


Abundance Ion 188.00 (187.70 to 188.70): E

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: 8.853 ng

RT: 10.73 min Scan# 1469

Delta R.T. 0.20 min

Lab File: BF100303.D

Acq: 8 Nov 2017 20:31

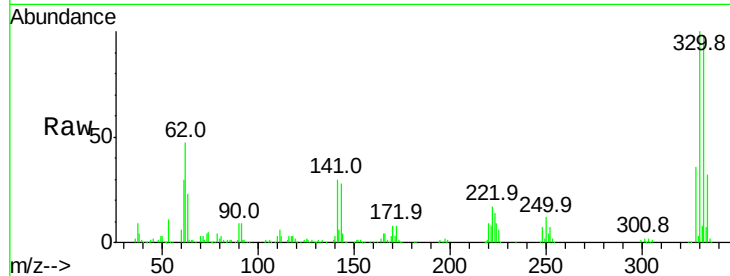
Tot Ion:198 Resp: 1190

Ion Ratio Lower Upper

198 100

51 162.3 37.7 77.7#

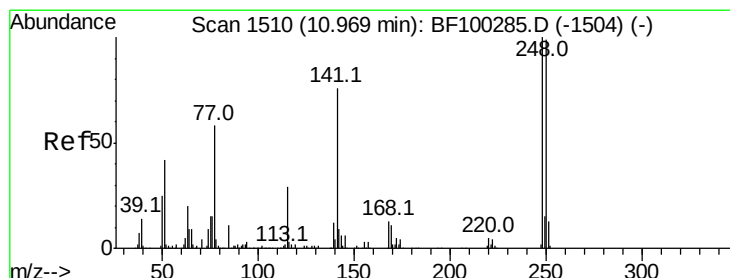
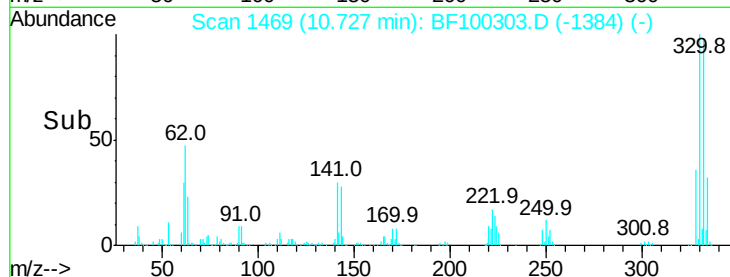
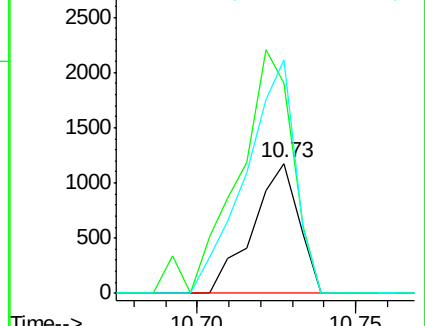
105 180.3 36.3 76.3#



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: 4.348 ng

RT: 10.73 min Scan# 1469

Delta R.T. -0.24 min

Lab File: BF100303.D

Acq: 8 Nov 2017 20:31

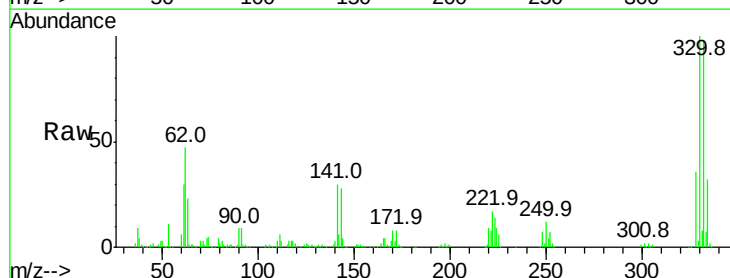
Tgt Ion:248 Resp: 31917

Ion Ratio Lower Upper

248 100

250 184.0 76.9 115.3#

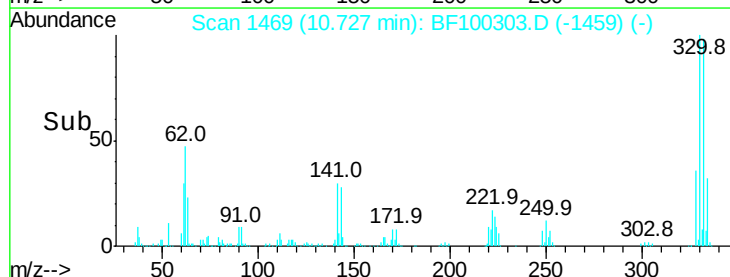
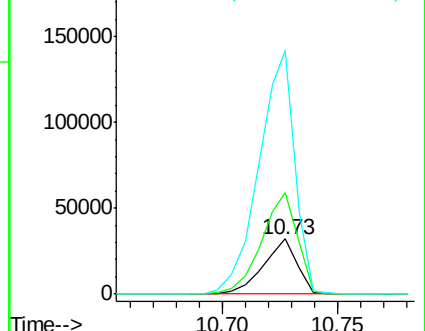
141 440.9 74.4 111.6#

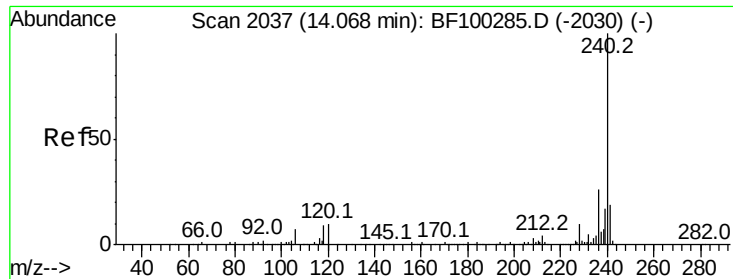


Abundance Ion 248.00 (247.70 to 248.70): E

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

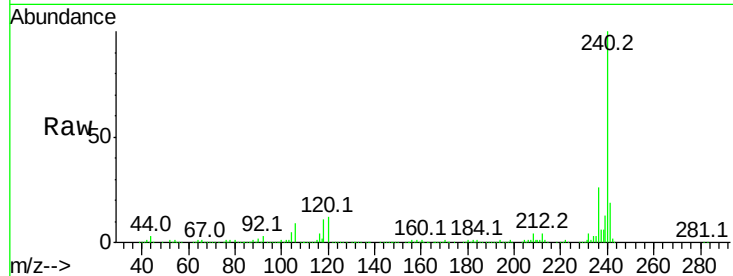
Delta R.T. -0.01 min

Lab File: BF100303.D

Acq: 8 Nov 2017 20:31

Tot Ion:240 Resp: 450457

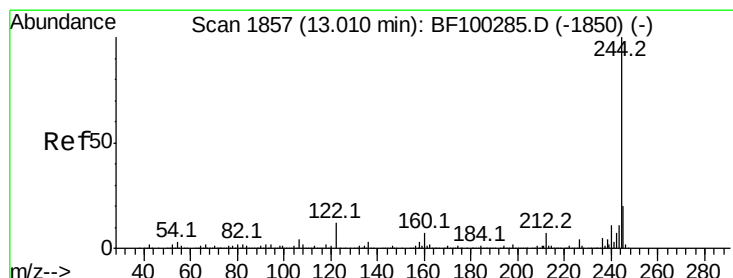
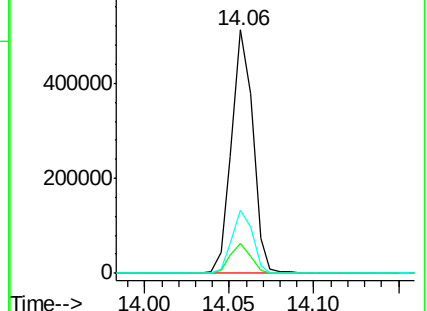
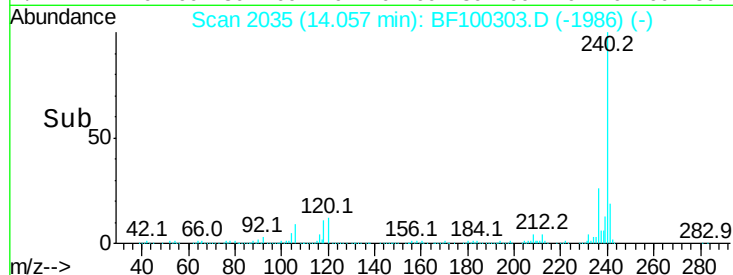
Ion	Ratio	Lower	Upper
240	100		
120	12.4	9.5	14.3
236	26.1	20.7	31.1



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: 93.023 ng

RT: 13.01 min Scan# 1857

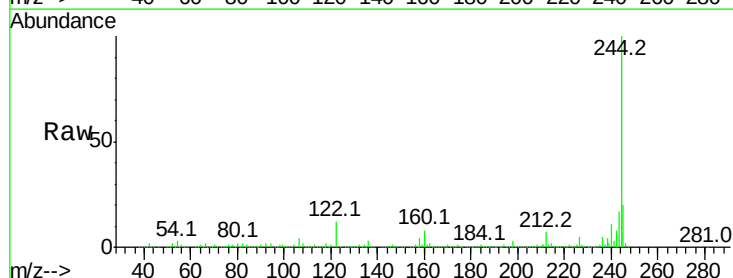
Delta R.T. -0.00 min

Lab File: BF100303.D

Acq: 8 Nov 2017 20:31

Tgt Ion:244 Resp: 1823675

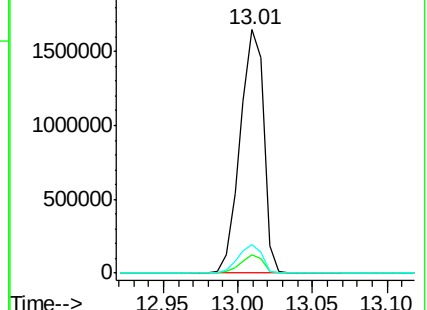
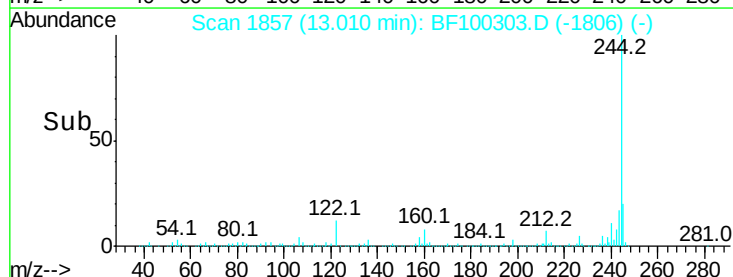
Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.4	8.0
122	11.6	11.0	16.4

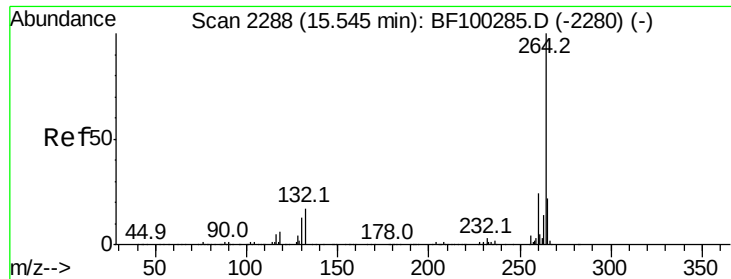


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.54 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BF100303.D
Acq: 8 Nov 2017 20:31

Tot Ion:	264	Resp:	441803
Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.0	17.5	26.3

