

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110817\
 Data File : BF100321.D
 Acq On : 9 Nov 2017 5:02
 Operator : SJ/JU
 Sample : I6359-04
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

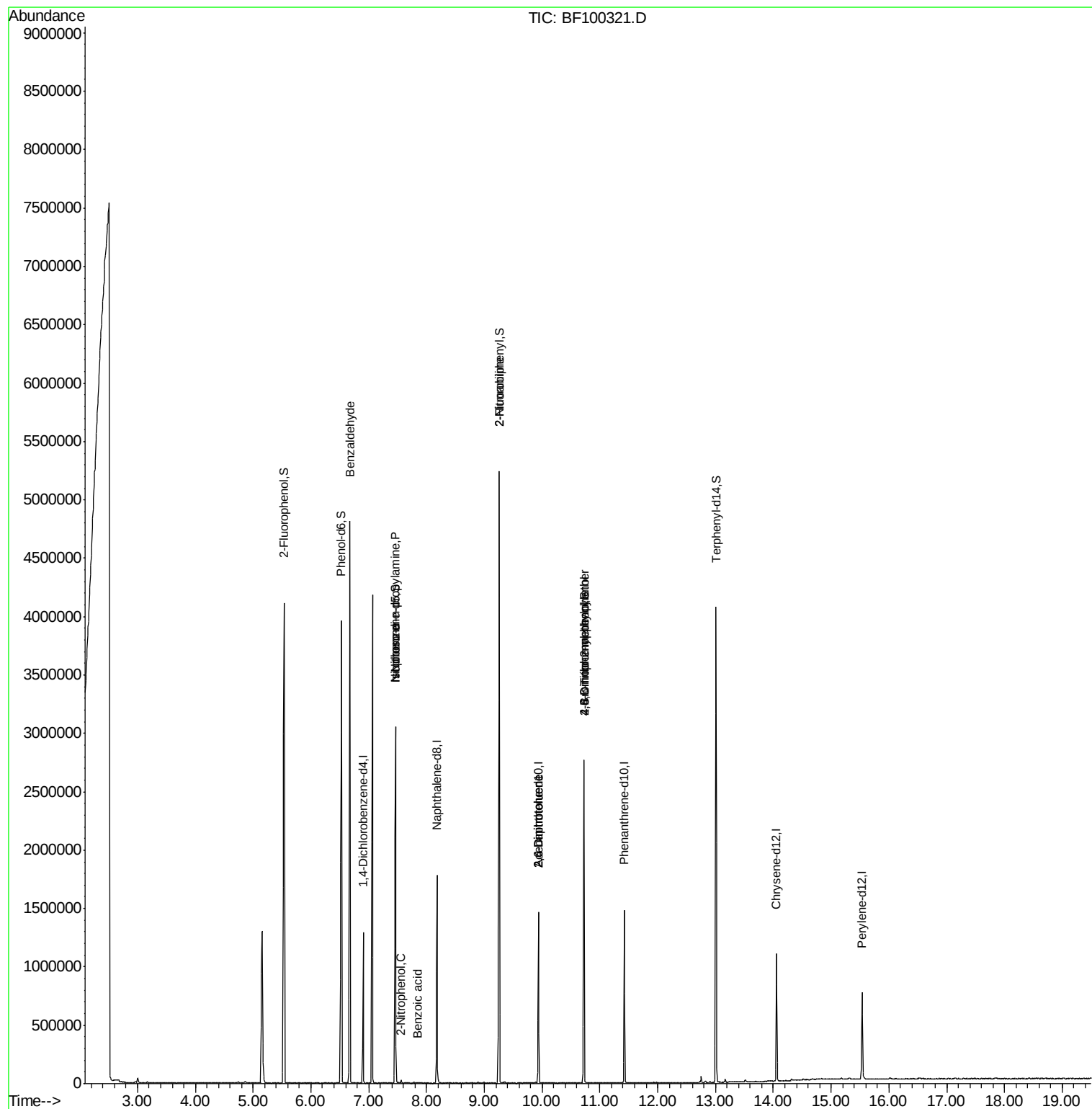
Quant Time: Nov 09 08:39:40 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 08 14:33:31 2017
 Response via : Initial Calibration

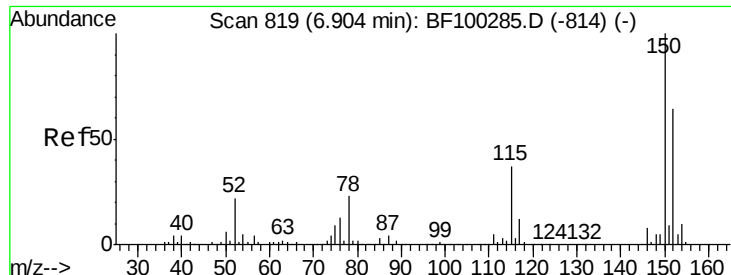
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	184503	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	717479	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	302227	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	474055	20.00	ng	0.00
75) Chrysene-d12	14.06	240	359449	20.00	ng	-0.01
86) Perylene-d12	15.54	264	343998	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1408122	122.34	ng	0.03
7) Phenol-d6	6.53	99	1544963	108.85	ng	0.00
23) Nitrobenzene-d5	7.47	82	1199041	110.49	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	383591	124.55	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1930825	97.28	ng	0.00
78) Terphenyl-d14	13.01	244	1381243	88.29	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.67	77	33573	3.31	ng	83
19) n-Nitroso-di-n-propylamine	7.46	70	162022	16.46	ng	# 83
25) Isophorone	7.47	82	1199026	52.58	ng	# 64
26) 2-Nitrophenol	7.56	139	111	5.40	ng	# 34
32) Benzoic acid	7.85	122	1281	9.50	ng	# 75
47) 2-Nitroaniline	9.26	65	2925	3.28	ng	# 1
50) 2,6-Dinitrotoluene	9.93	165	40104	8.78	ng	# 25
56) 2,4-Dinitrotoluene	9.93	165	40104	6.96	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.72	198	960	8.90	ng	# 1
66) 4-Bromophenyl-phenylether	10.73	248	23636	4.65	ng	# 1

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

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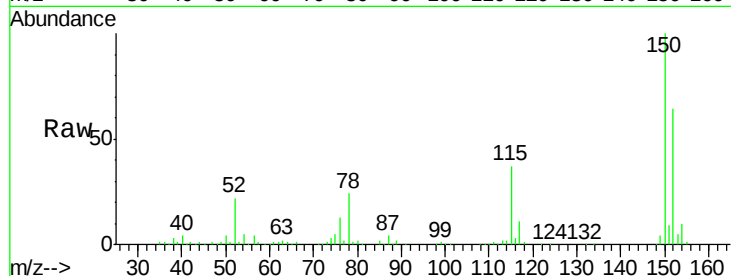
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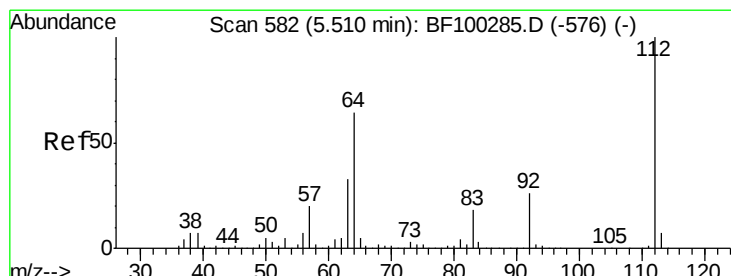
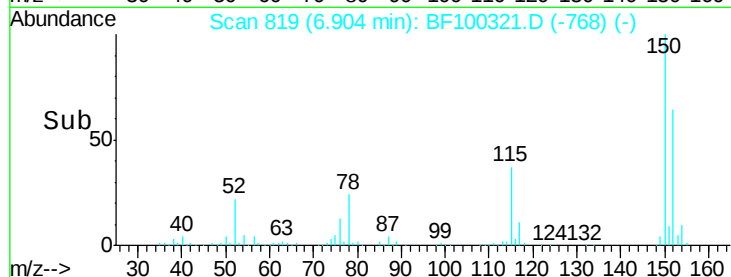
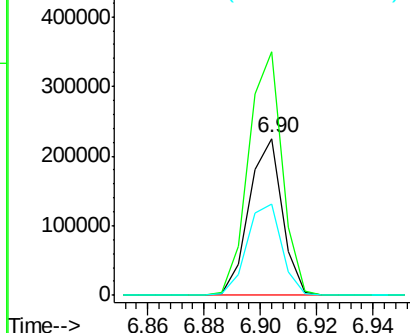


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF100321.D
 Acq: 9 Nov 2017 5:02

Tot Ion:152 Resp: 184503
 Ion Ratio Lower Upper
 152 100
 150 155.1 124.6 186.8
 115 58.1 50.1 75.1

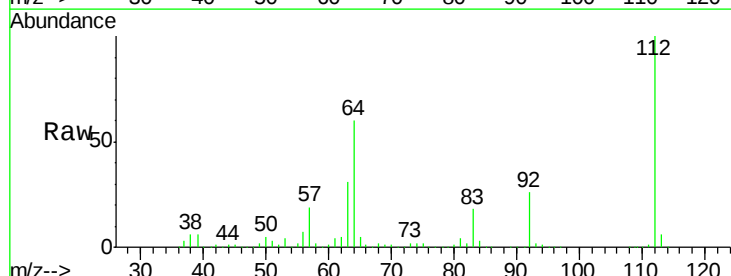


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

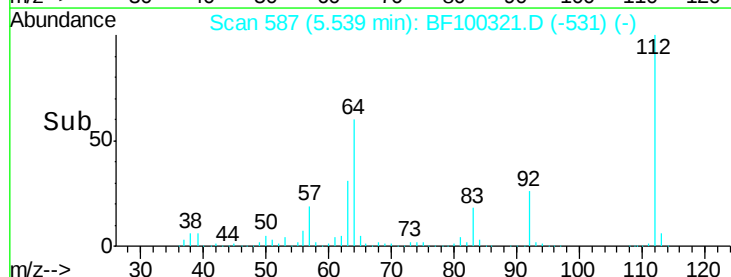
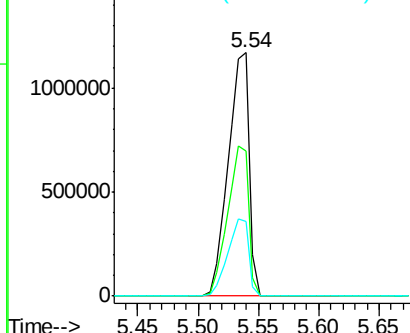


#5
 2-Fluorophenol
 Concen: 122.34 ng
 RT: 5.54 min Scan# 587
 Delta R.T. 0.03 min
 Lab File: BF100321.D
 Acq: 9 Nov 2017 5:02

Tgt Ion:112 Resp: 1408122
 Ion Ratio Lower Upper
 112 100
 64 59.6 47.9 71.9
 63 30.7 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: 108.85 ng

RT: 6.53 min Scan# 755

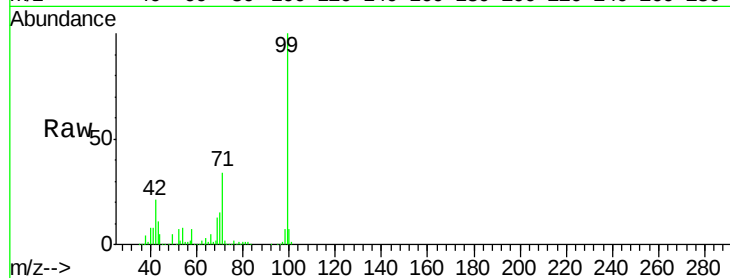
Delta R.T. 0.01 min

Lab File: BF100321.D

Acq: 9 Nov 2017 5:02

Tot Ion: 99 Resp: 1544963

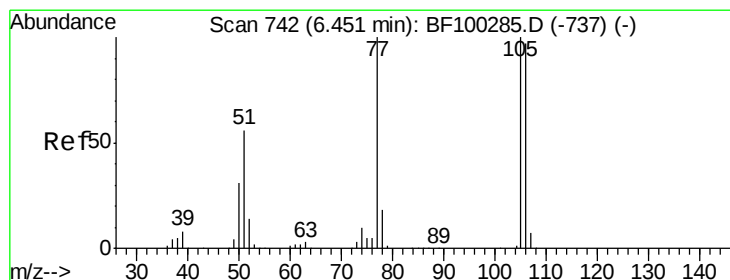
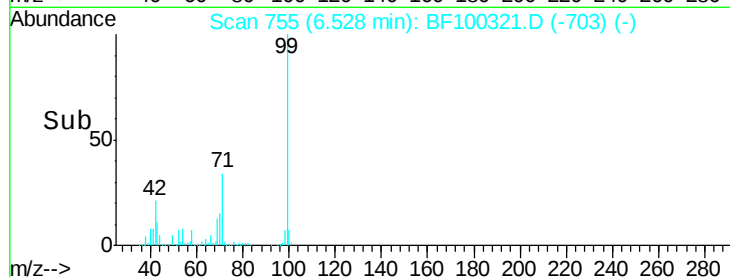
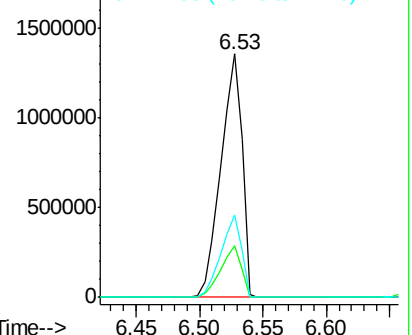
Ion	Ratio	Lower	Upper
99	100		
42	21.0	14.5	21.7
71	33.8	25.4	38.0



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



#9

Benzaldehyde

Concen: 3.31 ng

RT: 6.67 min Scan# 780

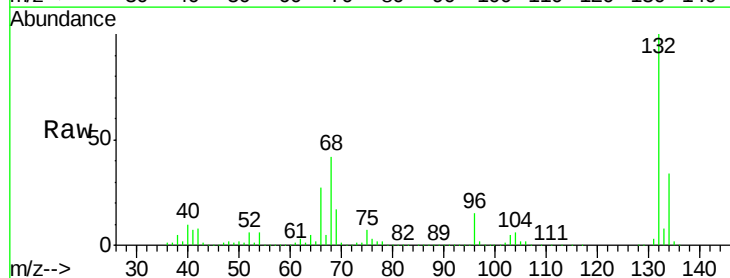
Delta R.T. 0.22 min

Lab File: BF100321.D

Acq: 9 Nov 2017 5:02

Tgt Ion: 77 Resp: 33573

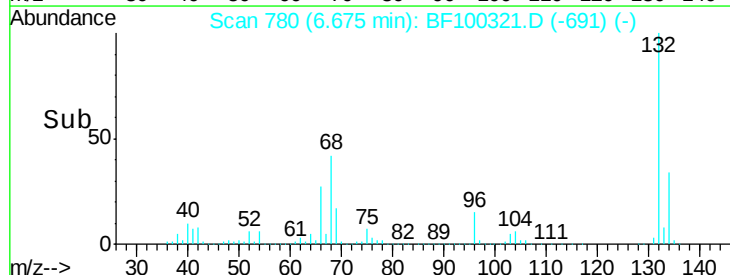
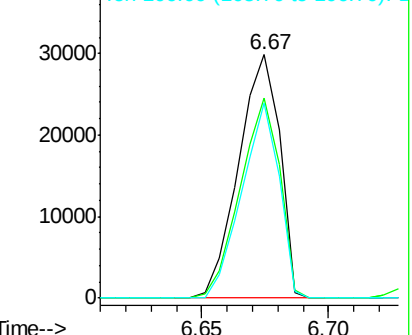
Ion	Ratio	Lower	Upper
77	100		
105	82.2	81.1	121.1
106	80.2	74.5	114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

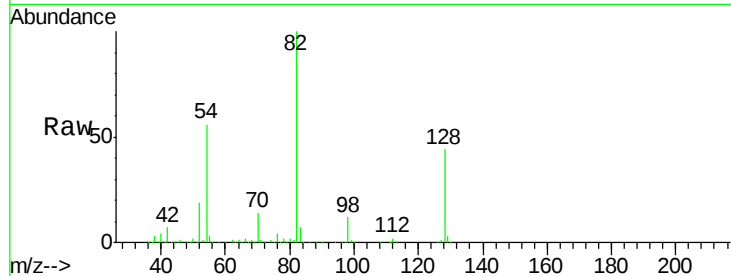
Ion 106.00 (105.70 to 106.70): BF1



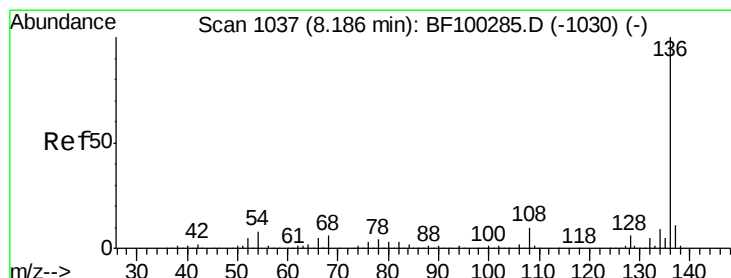
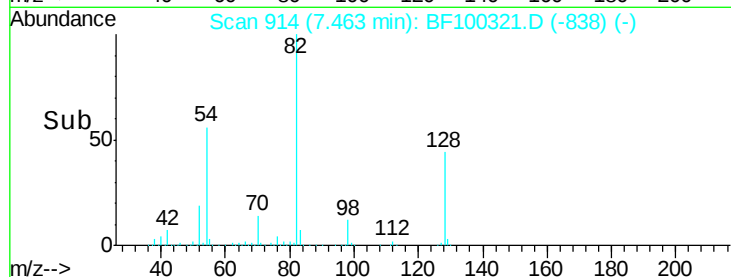
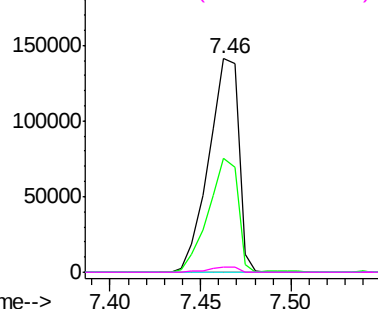


#19
n-Nitroso-di-n-propylamine
Concen: 16.46 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.15 min
Lab File: BF100321.D
Acq: 9 Nov 2017 5:02

Tot Ion: 70 Resp: 162022
Ion Ratio Lower Upper
70 100
42 53.1 47.5 71.3
101 0.0 7.4 11.2#
130 2.3 16.6 25.0#



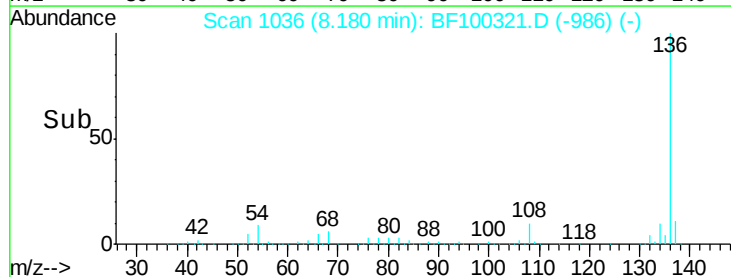
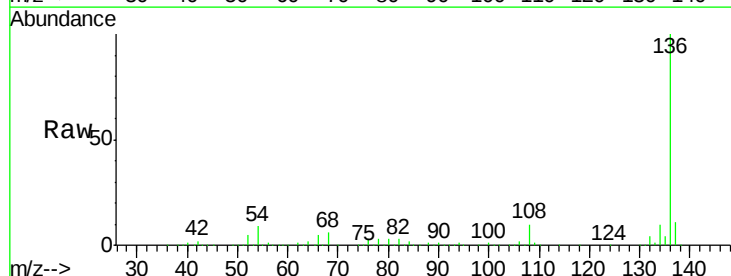
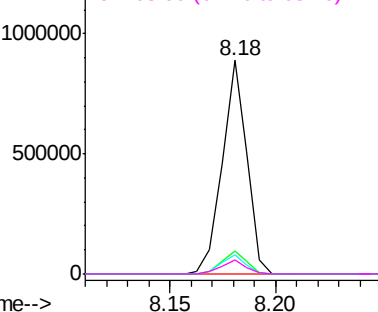
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF100321.D
Acq: 9 Nov 2017 5:02

Tgt Ion:136 Resp: 717479
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 9.1 6.6 9.8
68 6.4 5.0 7.4

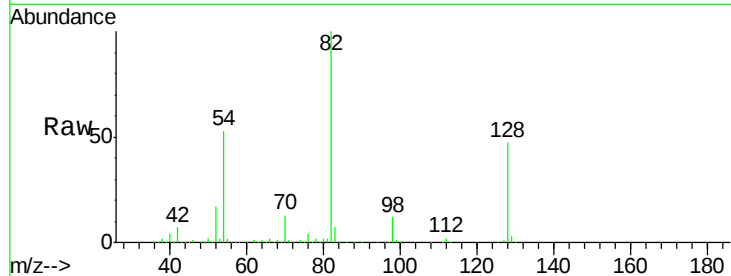
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1



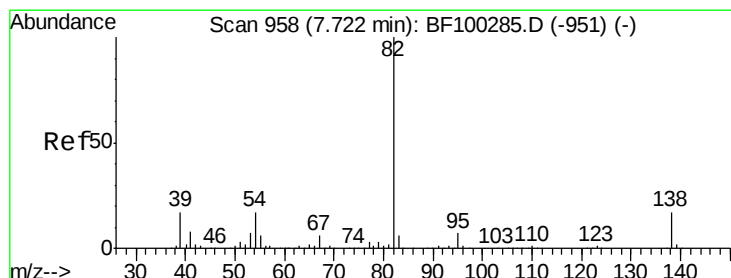
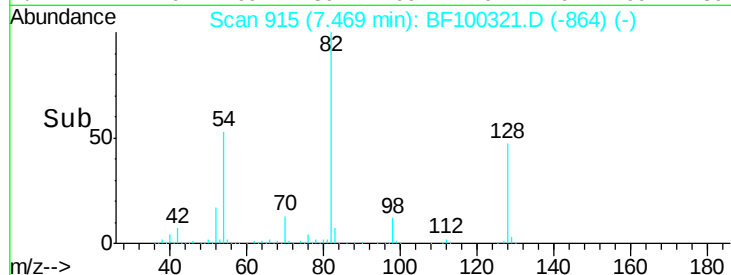
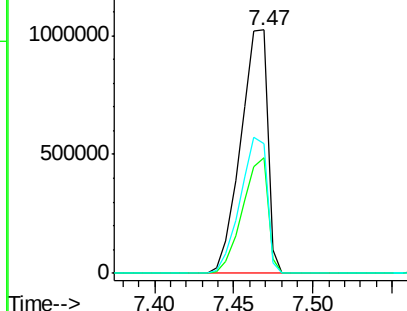


#23
Nitrobenzene-d5
Concen: 110.49 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.00 min
Lab File: BF100321.D
Acq: 9 Nov 2017 5:02

Tot Ion: 82 Resp: 1199041
Ion Ratio Lower Upper
82 100
128 47.3 36.1 54.1
54 53.1 41.4 62.2

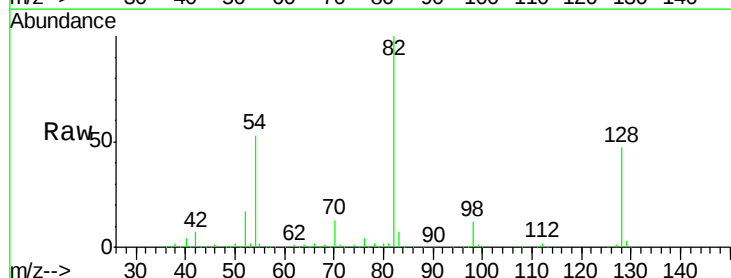


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

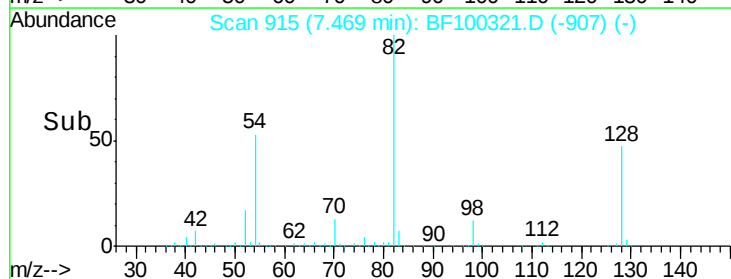
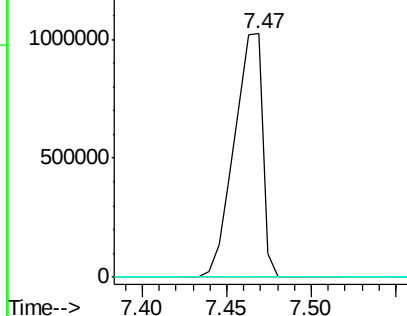


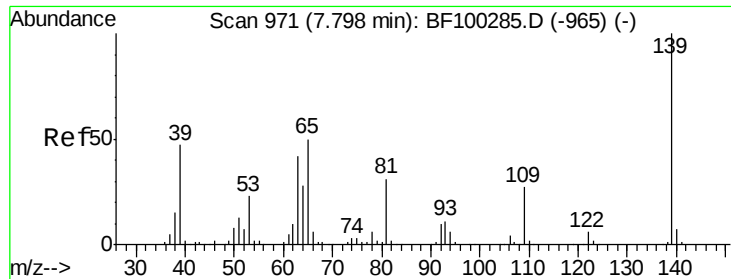
#25
Isophorone
Concen: 52.58 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.25 min
Lab File: BF100321.D
Acq: 9 Nov 2017 5:02

Tgt Ion: 82 Resp: 1199026
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



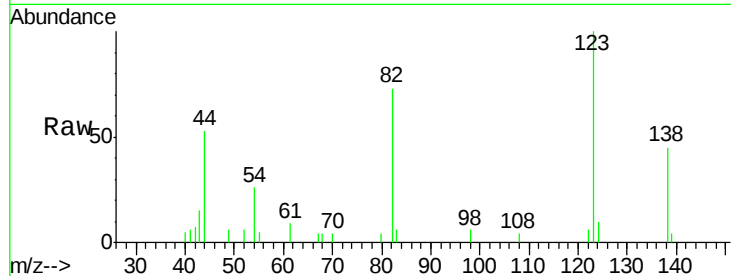
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



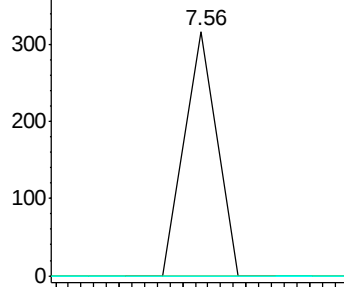


#26
2-Nitrophenol
Concen: 5.40 ng
RT: 7.56 min Scan# 931
Delta R.T. -0.24 min
Lab File: BF100321.D
Acq: 9 Nov 2017 5:02

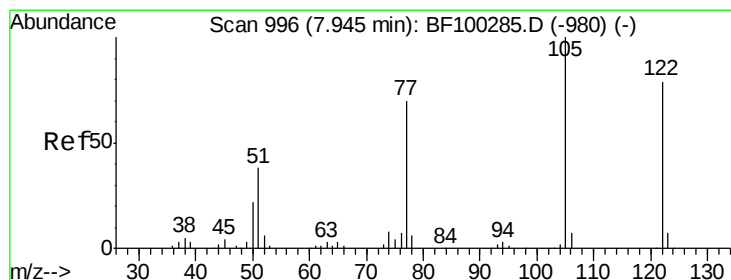
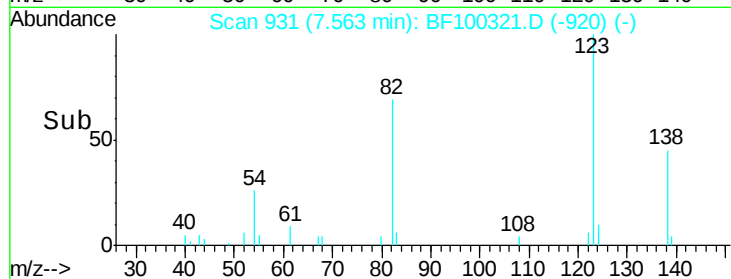
Tot Ion:139 Resp: 111
Ion Ratio Lower Upper
139 100
109 0.0 22.7 34.1#
65 0.0 40.5 60.7#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

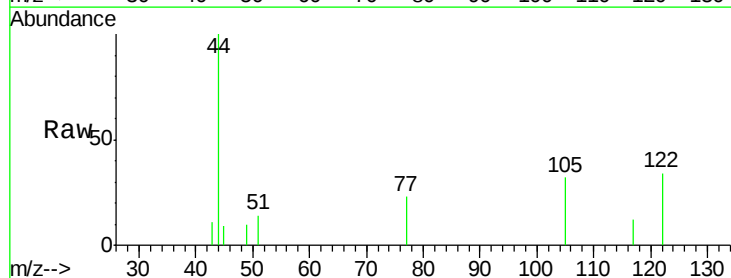


Time-->

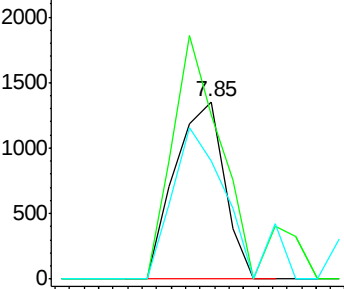


#32
Benzoic acid
Concen: 9.50 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.09 min
Lab File: BF100321.D
Acq: 9 Nov 2017 5:02

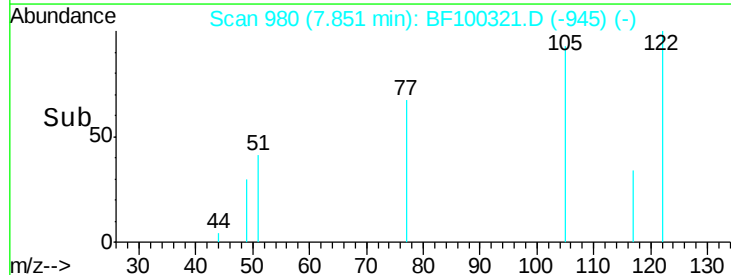
Tgt Ion:122 Resp: 1281
Ion Ratio Lower Upper
122 100
105 92.7 101.1 141.1#
77 66.8 70.7 110.7#

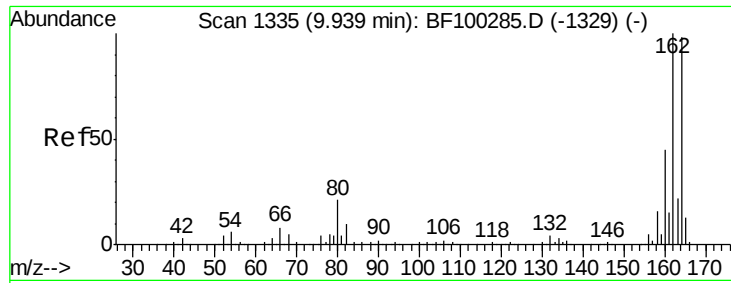


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1



Time-->





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BF100321.D

Acq: 9 Nov 2017 5:02

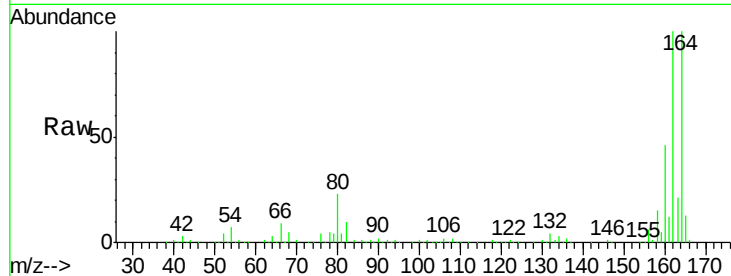
Tot Ion:164 Resp: 302227

Ion Ratio Lower Upper

164 100

162 100.4 86.1 129.1

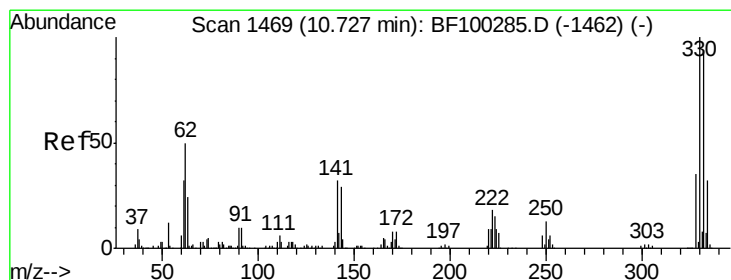
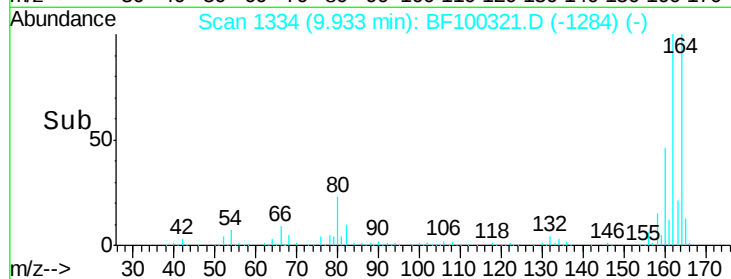
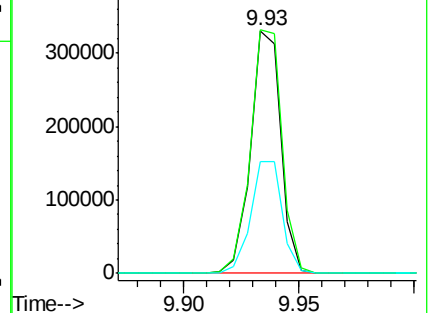
160 46.3 38.3 57.5



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: 124.55 ng

RT: 10.73 min Scan# 1469

Delta R.T. -0.00 min

Lab File: BF100321.D

Acq: 9 Nov 2017 5:02

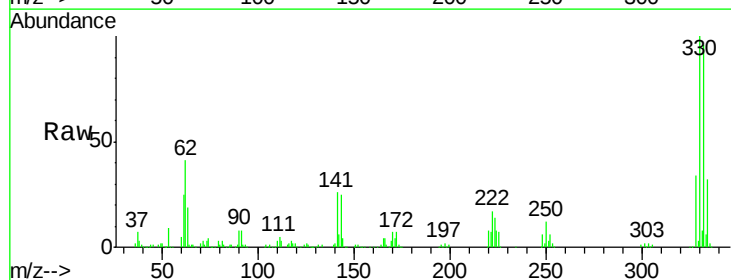
Tgt Ion:330 Resp: 383591

Ion Ratio Lower Upper

330 100

332 95.8 77.0 115.6

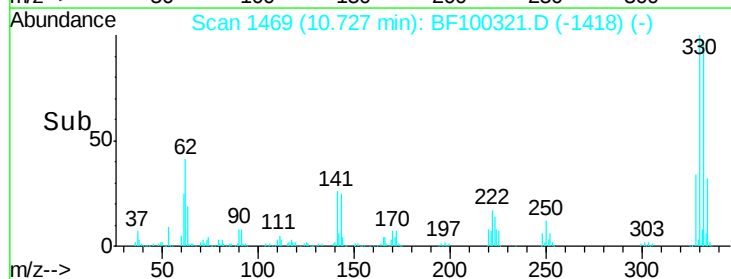
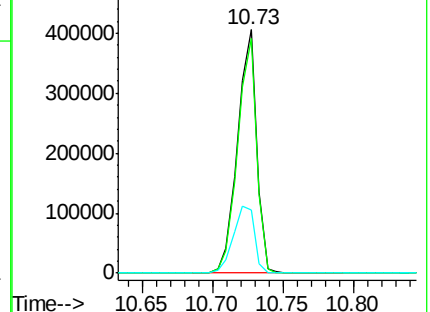
141 30.7 29.9 44.9

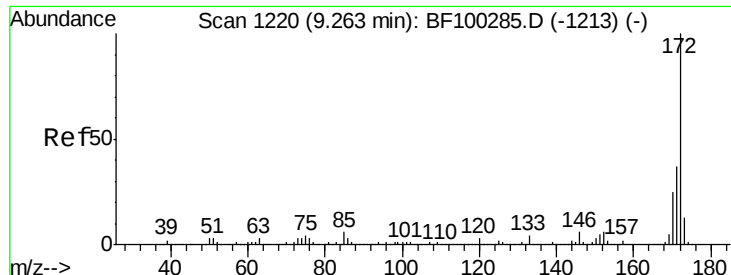


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

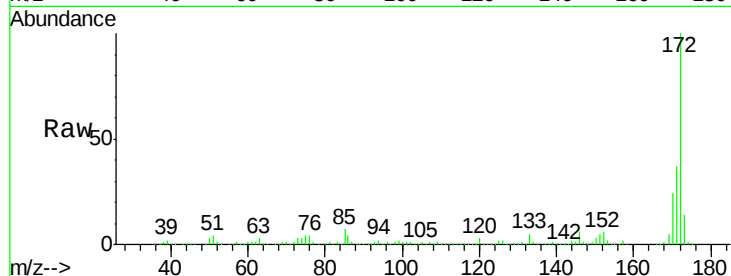
Ion 141.00 (140.70 to 141.70): E



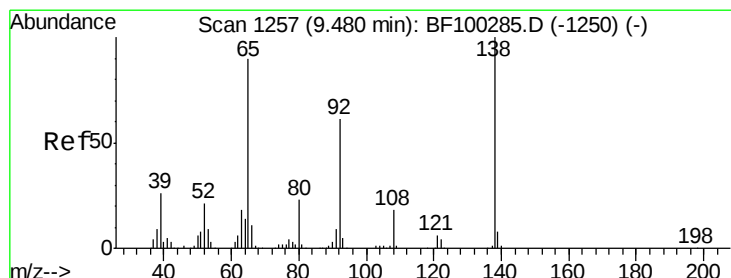
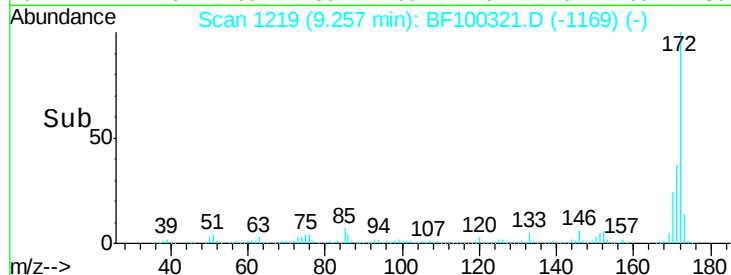
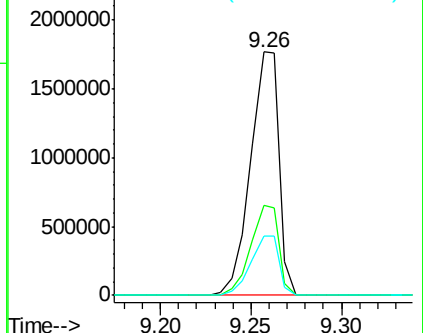


#44
2-Fluorobiphenyl
Concen: 97.28 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BF100321.D
Acq: 9 Nov 2017 5:02

Tot Ion:172 Resp: 1930825
Ion Ratio Lower Upper
172 100
171 36.9 29.7 44.5
170 24.3 19.6 29.4

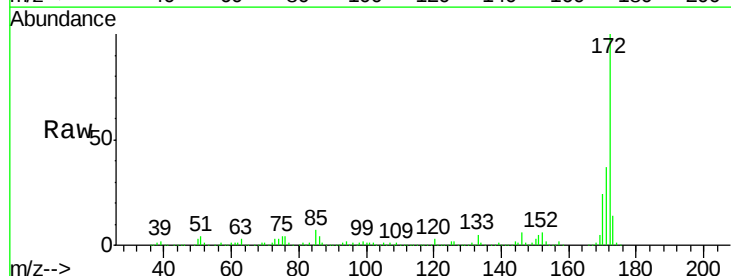


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

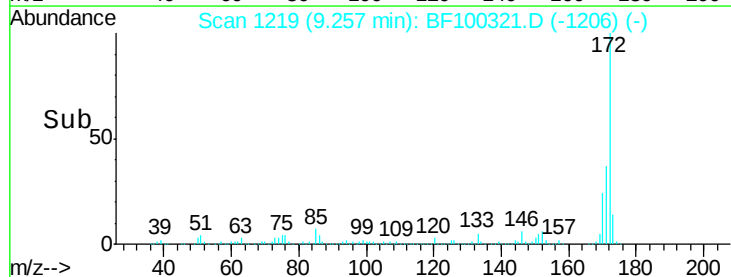
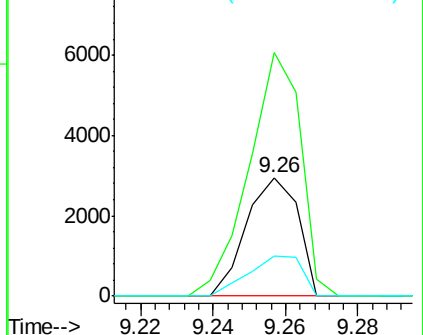


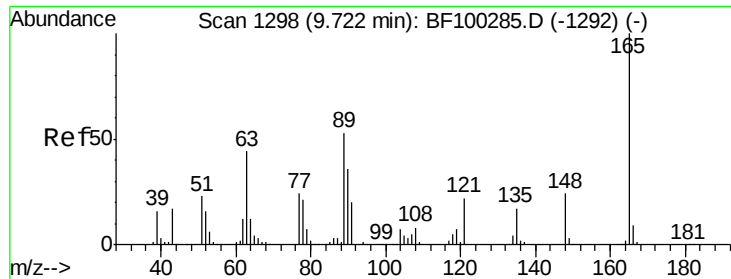
#47
2-Nitroaniline
Concen: 3.28 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.22 min
Lab File: BF100321.D
Acq: 9 Nov 2017 5:02

Tgt Ion: 65 Resp: 2925
Ion Ratio Lower Upper
65 100
92 205.8 55.8 83.6#
138 34.2 91.2 136.8#



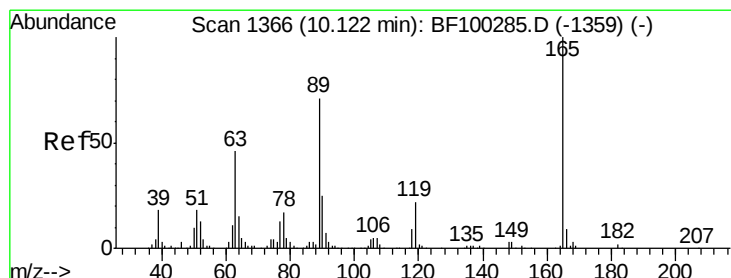
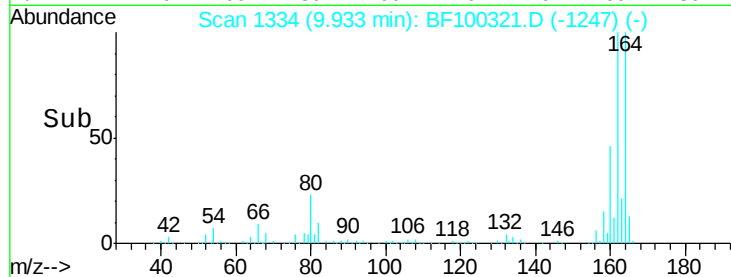
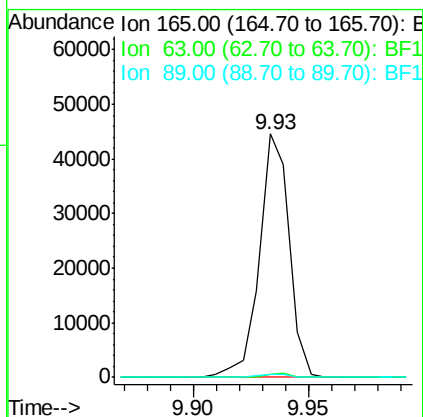
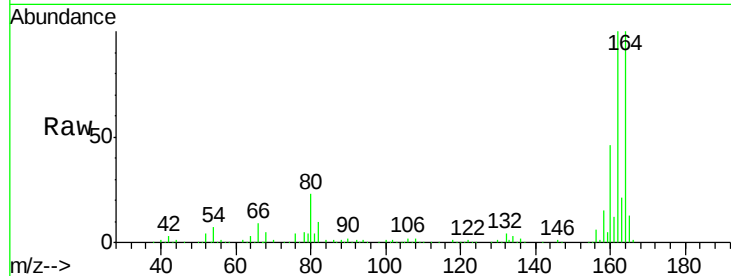
Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





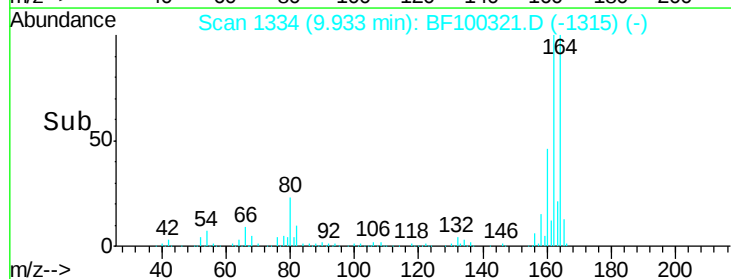
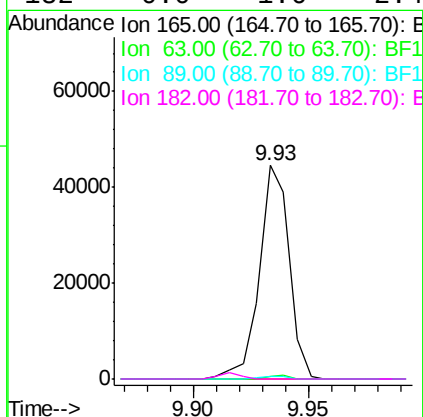
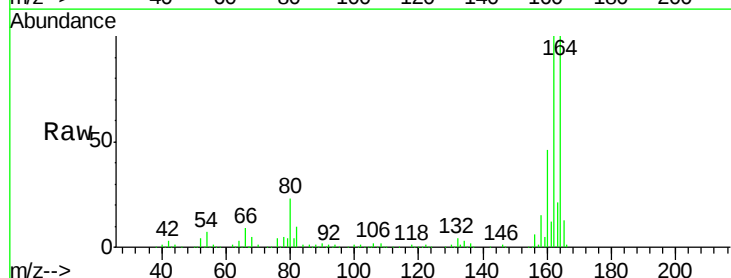
#50
 2,6-Dinitrotoluene
 Concen: 8.78 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. 0.21 min
 Lab File: BF100321.D
 Acq: 9 Nov 2017 5:02

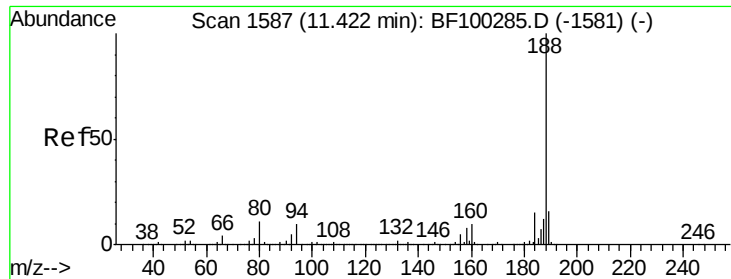
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	44.7	67.1#
89	1.2	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.96 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.19 min
 Lab File: BF100321.D
 Acq: 9 Nov 2017 5:02

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.42 min Scan# 1587

Delta R.T. -0.00 min

Lab File: BF100321.D

Acq: 9 Nov 2017 5:02

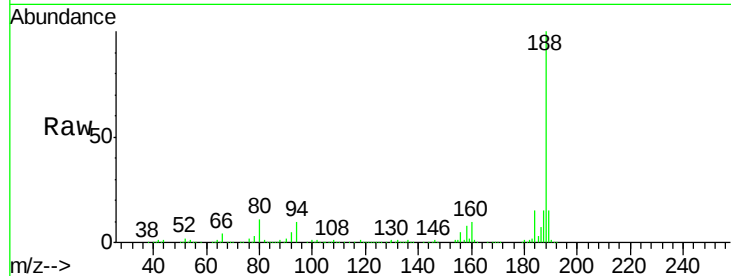
Tot Ion:188 Resp: 474055

Ion Ratio Lower Upper

188 100

94 9.8 8.5 12.7

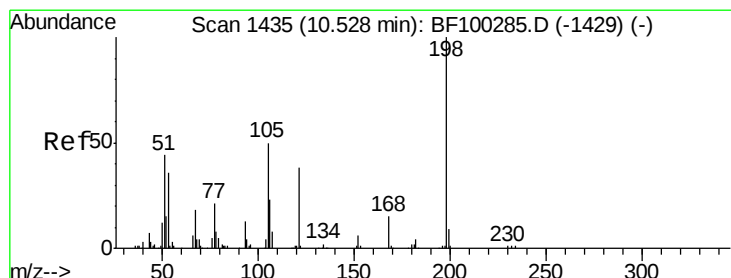
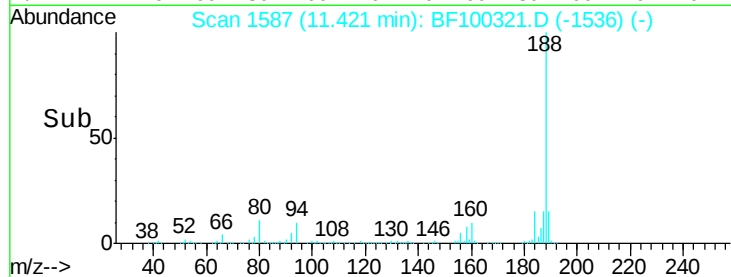
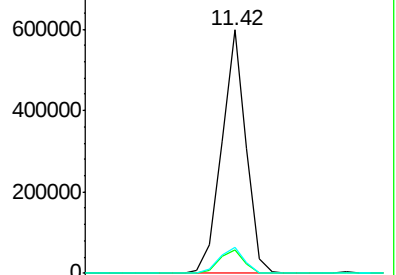
80 10.9 9.2 13.8



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: 8.90 ng

RT: 10.72 min Scan# 1468

Delta R.T. 0.19 min

Lab File: BF100321.D

Acq: 9 Nov 2017 5:02

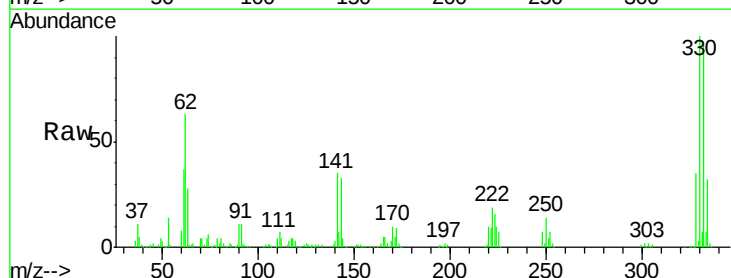
Tgt Ion:198 Resp: 960

Ion Ratio Lower Upper

198 100

51 125.1 37.7 77.7#

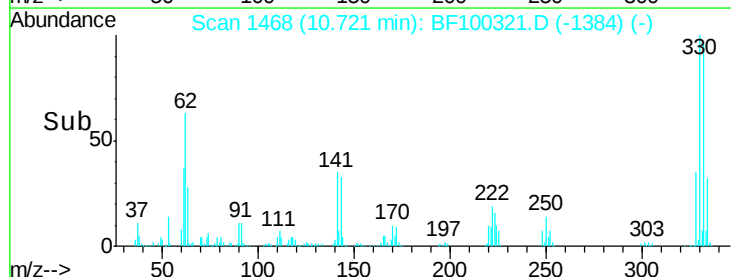
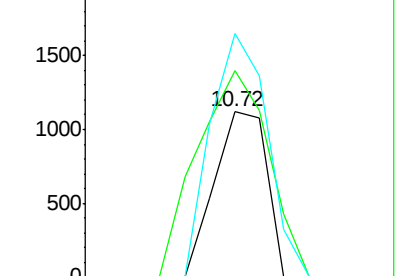
105 147.4 36.3 76.3#

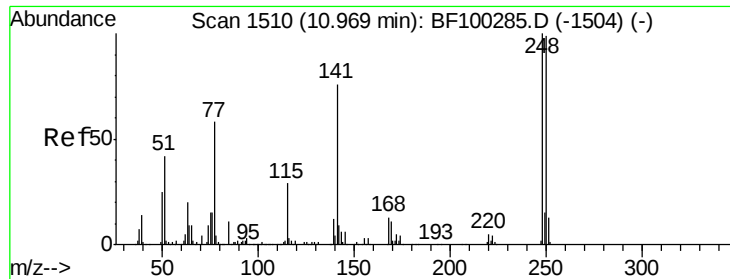


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

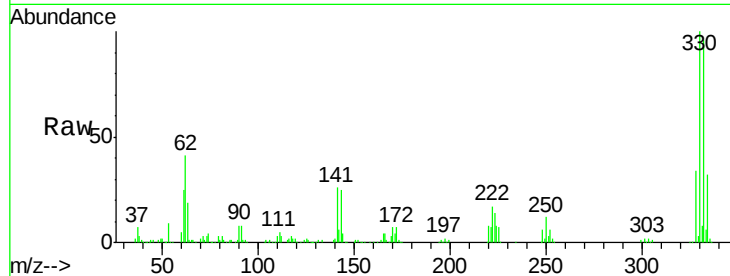
Ion 105.00 (104.70 to 105.70): E



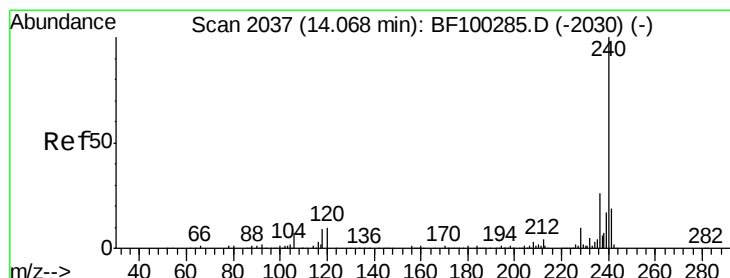
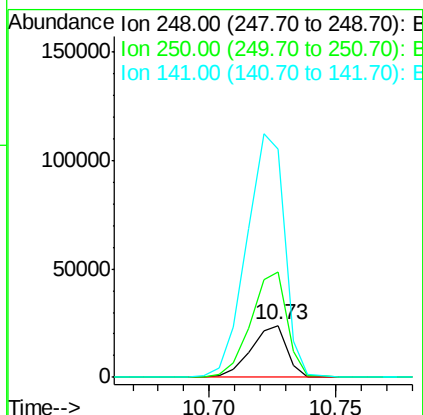
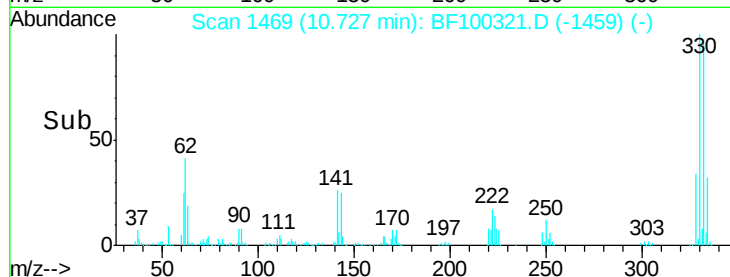


#66
4-Bromophenyl-phenylether
Concen: 4.65 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.24 min
Lab File: BF100321.D
Acq: 9 Nov 2017 5:02

Tot Ion:248 Resp: 23636
Ion Ratio Lower Upper
248 100
250 203.5 76.9 115.3#
141 437.9 74.4 111.6#

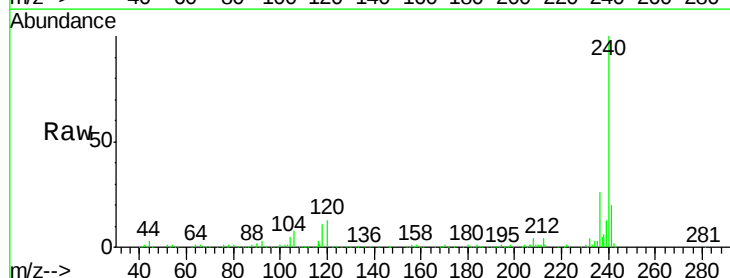


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

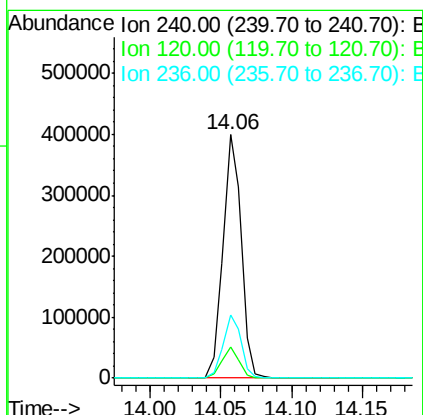
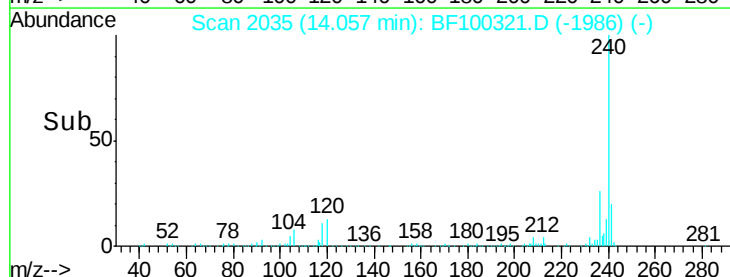


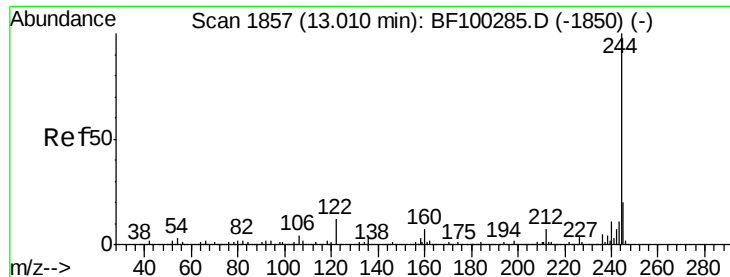
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF100321.D
Acq: 9 Nov 2017 5:02

Tgt Ion:240 Resp: 359449
Ion Ratio Lower Upper
240 100
120 12.9 9.5 14.3
236 25.9 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: 88.29 ng

RT: 13.01 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BF100321.D

Acq: 9 Nov 2017 5:02

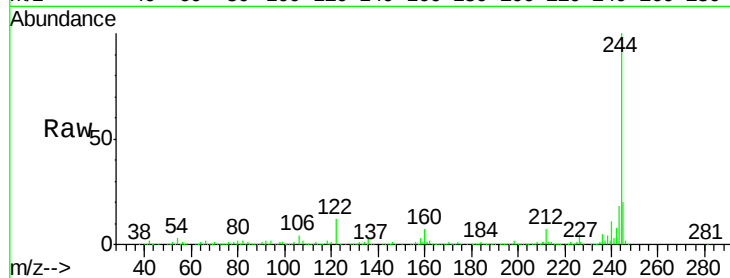
Tot Ion:244 Resp: 1381243

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

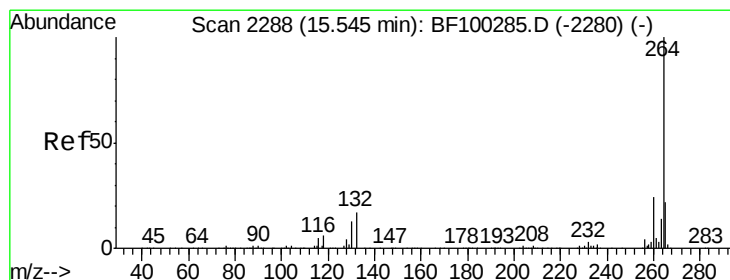
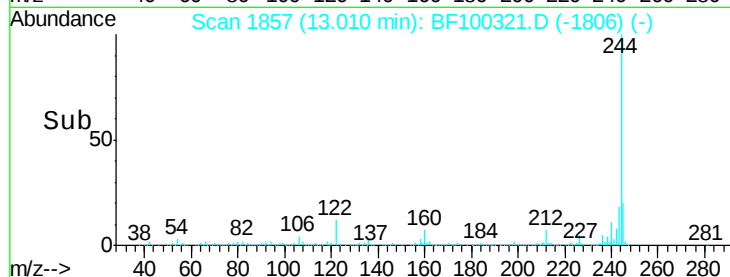
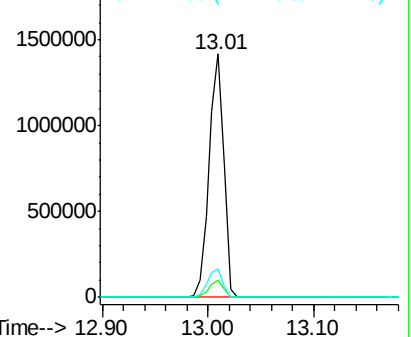
122 11.6 11.0 16.4



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

Perylene-d12

Concen: 20.00 ng

RT: 15.54 min Scan# 2287

Delta R.T. -0.01 min

Lab File: BF100321.D

Acq: 9 Nov 2017 5:02

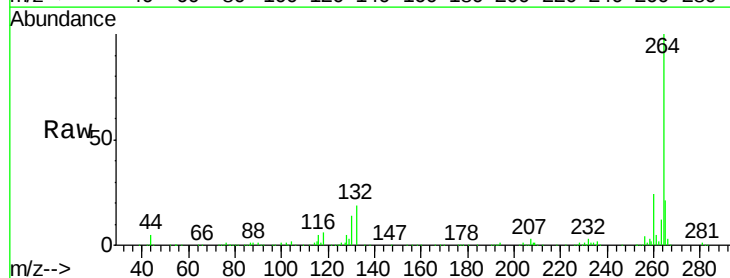
Tgt Ion:264 Resp: 343998

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 21.1 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

