

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110817\
 Data File : BF100325.D
 Acq On : 9 Nov 2017 6:49
 Operator : SJ/JU
 Sample : I6379-06
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

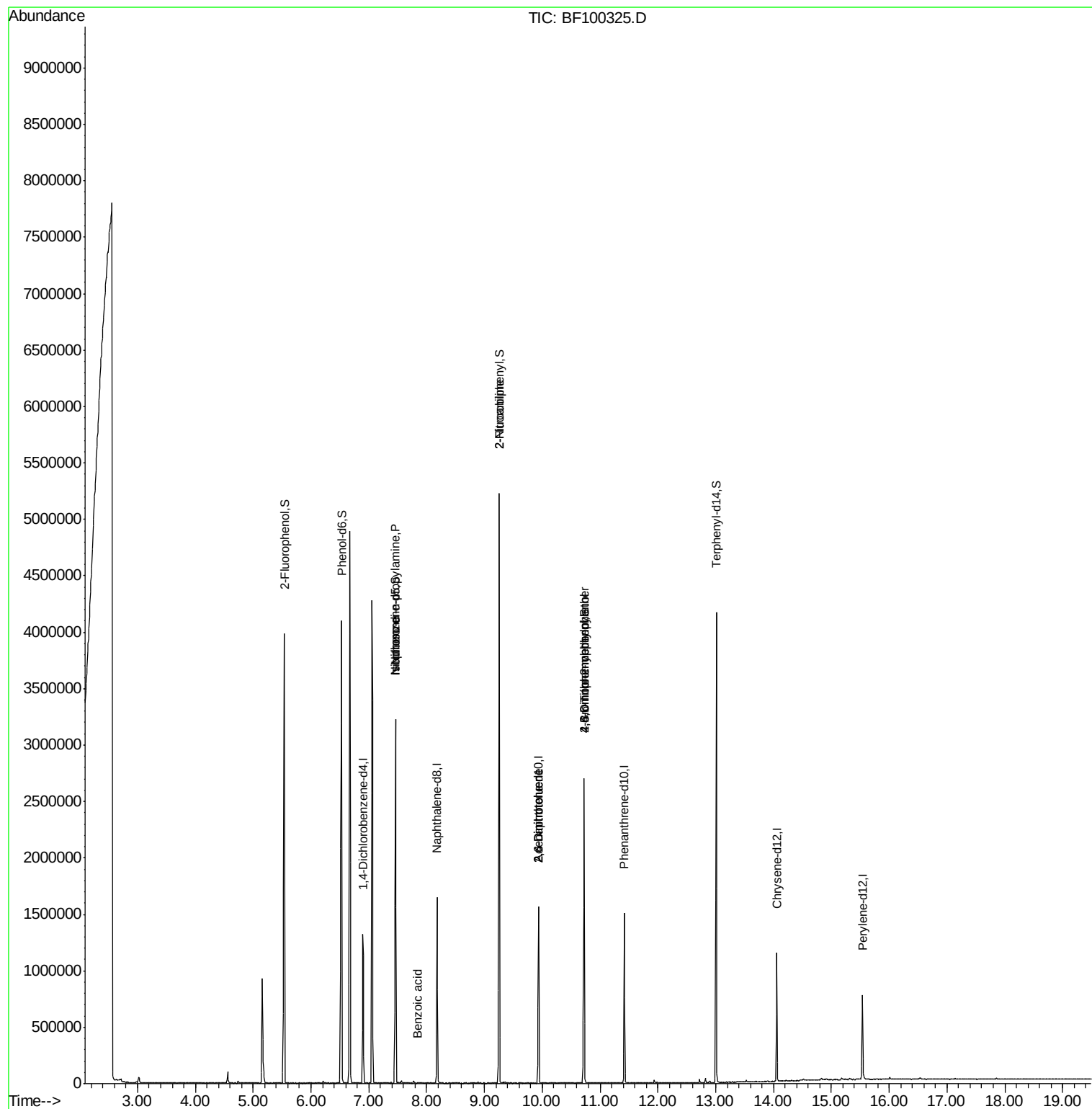
Quant Time: Nov 09 08:41:24 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 08 14:33:31 2017
 Response via : Initial Calibration

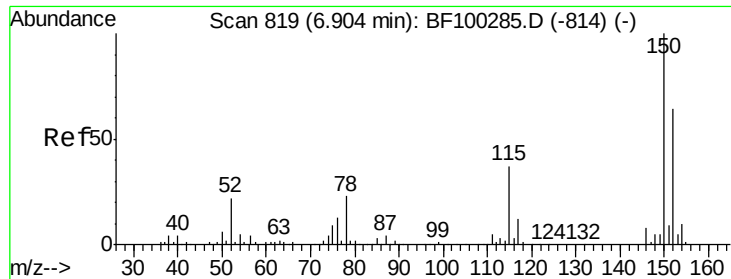
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	189482	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	744453	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	317309	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	511654	20.00	ng	0.00
75) Chrysene-d12	14.06	240	374739	20.00	ng	-0.01
86) Perylene-d12	15.54	264	359416	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1378895	116.65	ng	0.03
7) Phenol-d6	6.53	99	1533381	105.20	ng	0.00
23) Nitrobenzene-d5	7.46	82	1143772	101.58	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	379726	117.44	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1997209	95.84	ng	0.00
78) Terphenyl-d14	13.01	244	1412866	86.63	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.46	70	154454	15.28	ng	# 83
25) Isophorone	7.46	82	1143755	48.34	ng	# 64
32) Benzoic acid	7.85	122	528	9.42	ng	# 75
47) 2-Nitroaniline	9.26	65	3352	3.32	ng	# 1
50) 2,6-Dinitrotoluene	9.93	165	39588	8.26	ng	# 26
56) 2,4-Dinitrotoluene	9.93	165	39588	6.54	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.73	198	724	8.80	ng	# 1
66) 4-Bromophenyl-phenylether	10.73	248	22980	4.19	ng	# 1

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

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ALS Vial : 34 Sample Multiplier: 1

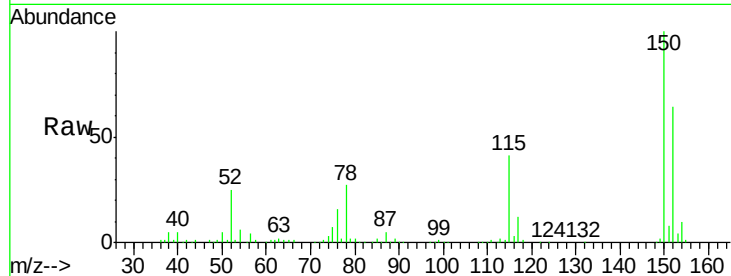
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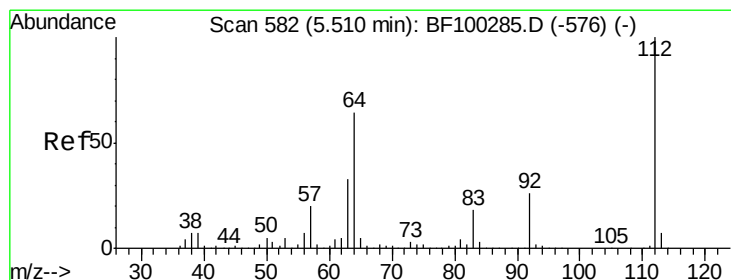
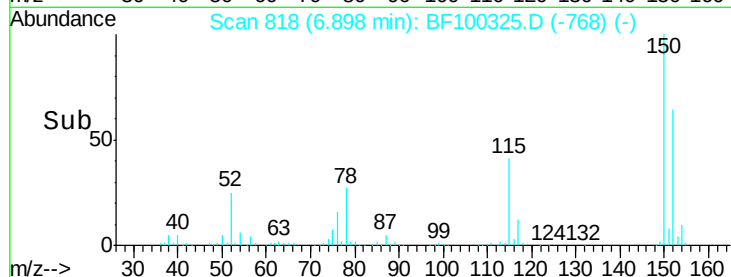
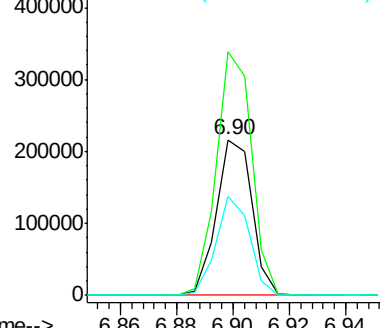


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF100325.D
 Acq: 9 Nov 2017 6:49

Tot Ion:152 Resp: 189482
 Ion Ratio Lower Upper
 152 100
 150 156.2 124.6 186.8
 115 63.8 50.1 75.1

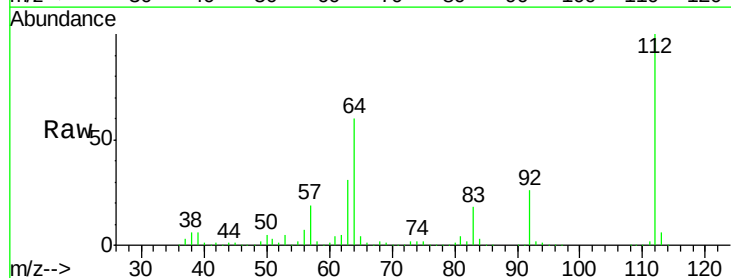


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

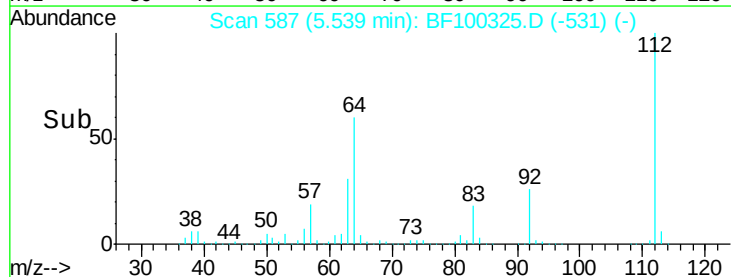
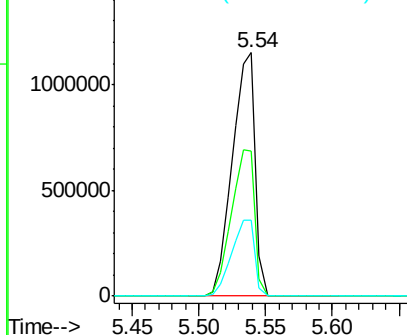


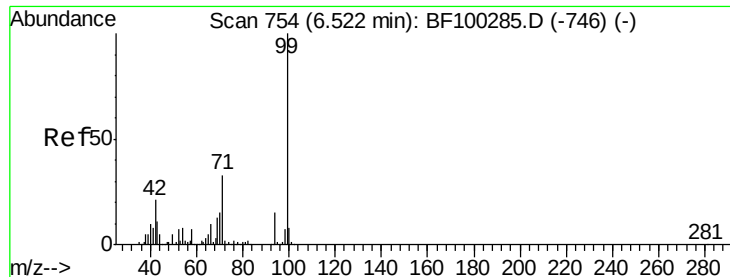
#5
 2-Fluorophenol
 Concen: 116.65 ng
 RT: 5.54 min Scan# 587
 Delta R.T. 0.03 min
 Lab File: BF100325.D
 Acq: 9 Nov 2017 6:49

Tgt Ion:112 Resp: 1378895
 Ion Ratio Lower Upper
 112 100
 64 59.6 47.9 71.9
 63 31.0 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: 105.20 ng

RT: 6.53 min Scan# 755

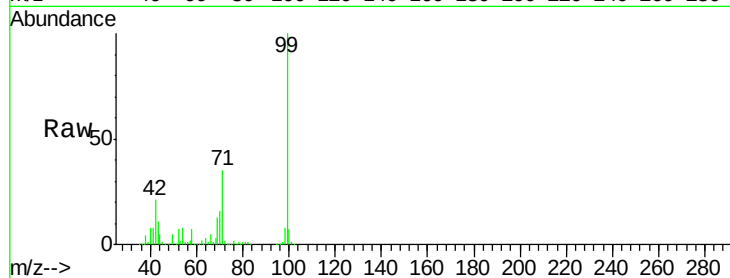
Delta R.T. 0.01 min

Lab File: BF100325.D

Acq: 9 Nov 2017 6:49

Tot Ion: 99 Resp: 1533381

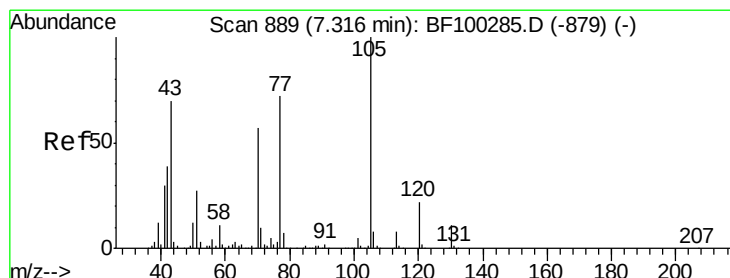
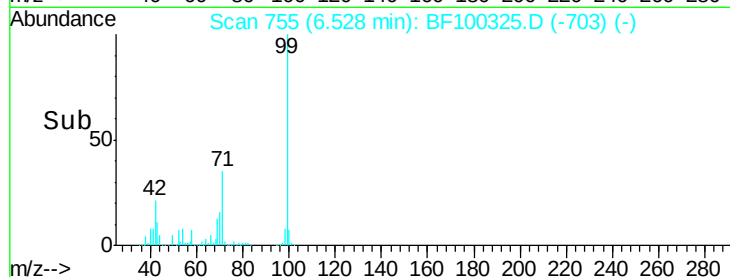
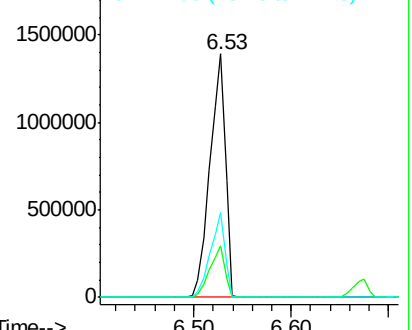
Ion	Ratio	Lower	Upper
99	100		
42	21.4	14.5	21.7
71	34.7	25.4	38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 15.28 ng

RT: 7.46 min Scan# 914

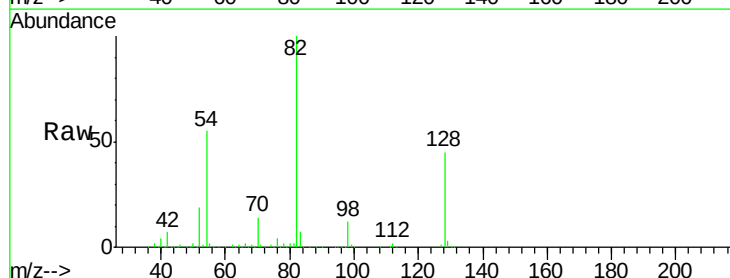
Delta R.T. 0.15 min

Lab File: BF100325.D

Acq: 9 Nov 2017 6:49

Tgt Ion: 70 Resp: 154454

Ion	Ratio	Lower	Upper
70	100		
42	53.7	47.5	71.3
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#

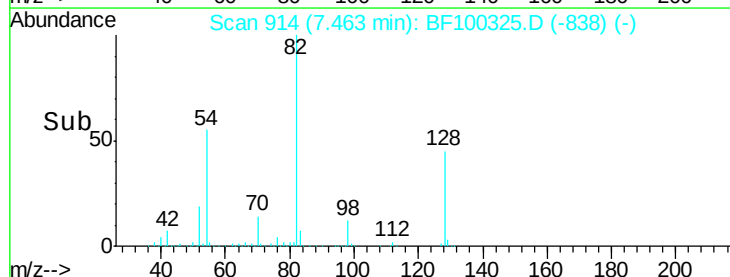
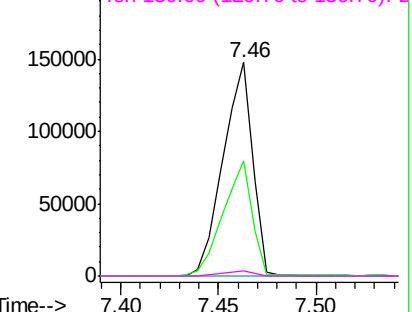


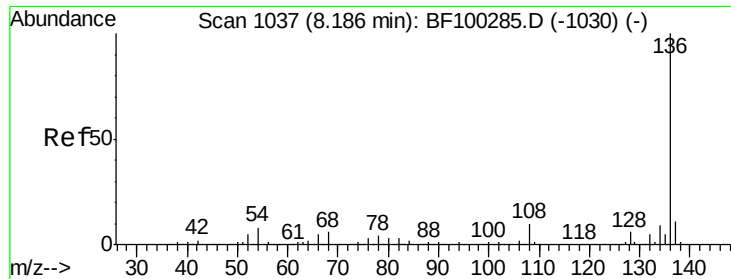
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

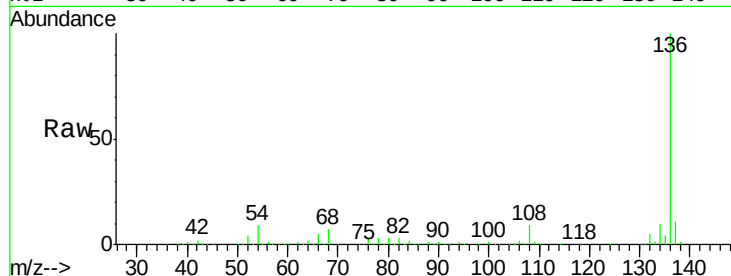
Ion 130.00 (129.70 to 130.70): BF1



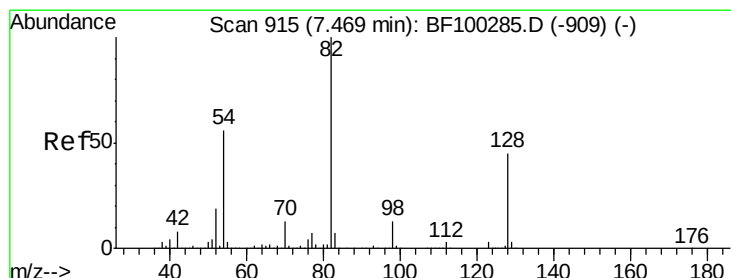
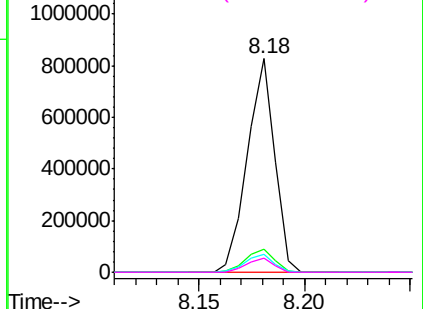
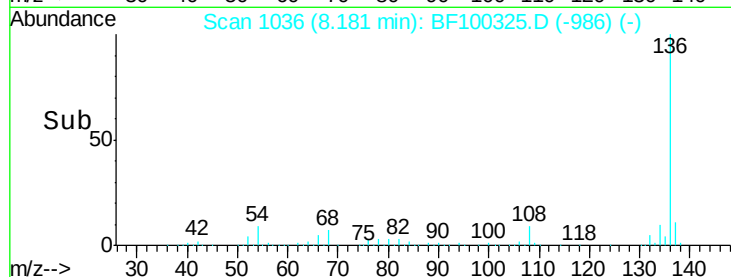


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF100325.D
Acq: 9 Nov 2017 6:49

Tot Ion:136	Resp:	744453
Ion Ratio	Lower	Upper
136 100		
137 10.6	8.9	13.3
54 8.6	6.6	9.8
68 6.6	5.0	7.4

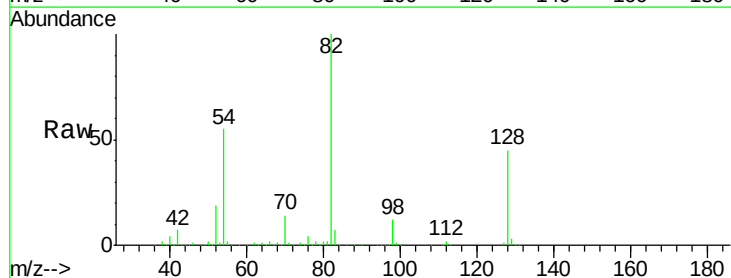


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

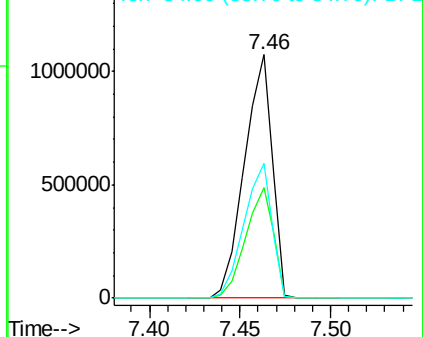
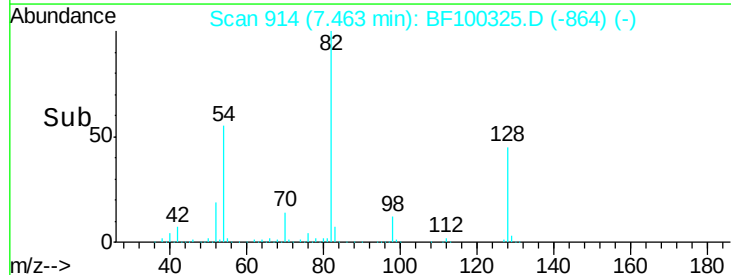


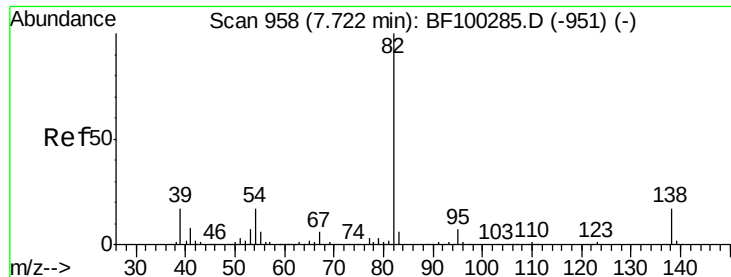
#23
Nitrobenzene-d5
Concen: 101.58 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF100325.D
Acq: 9 Nov 2017 6:49

Tgt Ion: 82	Resp: 1143772
Ion Ratio	Lower Upper
82 100	
128 45.3	36.1 54.1
54 55.3	41.4 62.2



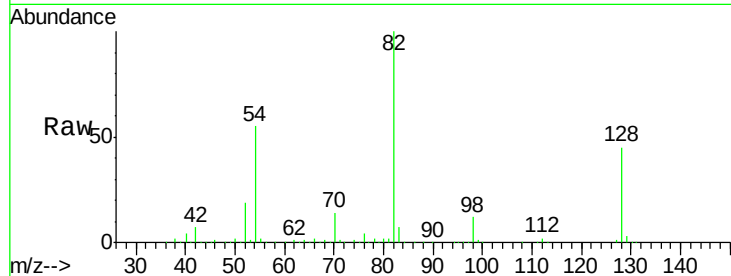
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1



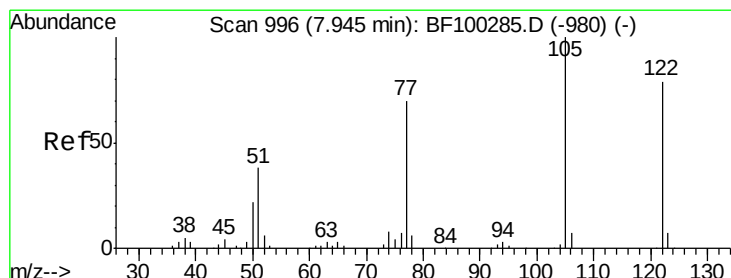
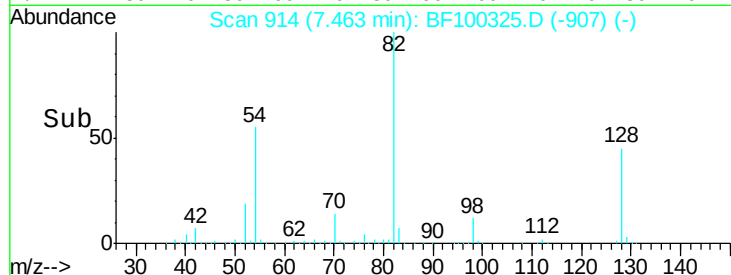
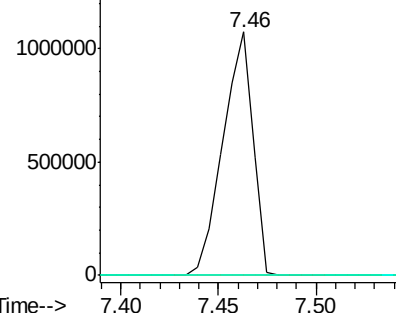


#25
Isophorone
Concen: 48.34 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.26 min
Lab File: BF100325.D
Acq: 9 Nov 2017 6:49

Tot Ion: 82 Resp: 1143755
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#

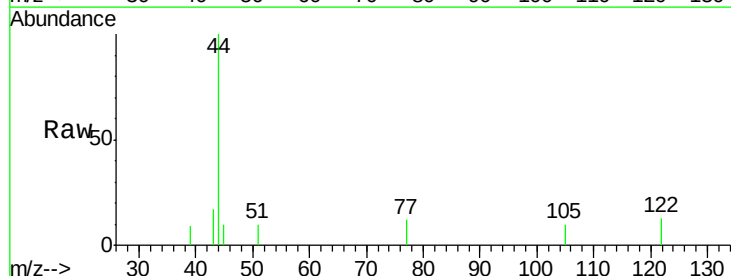


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

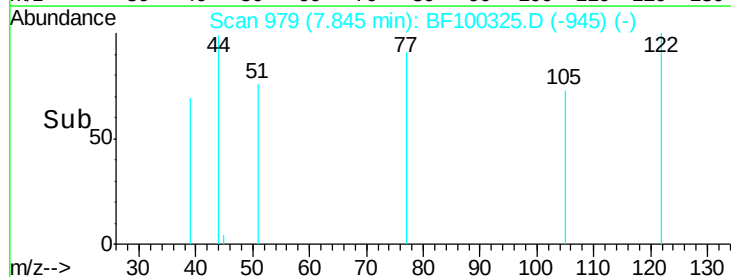
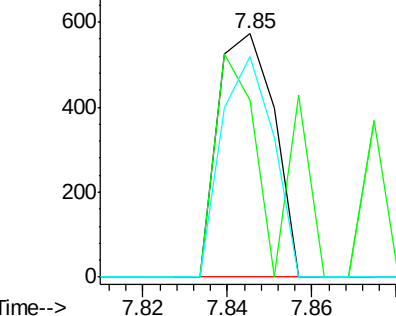


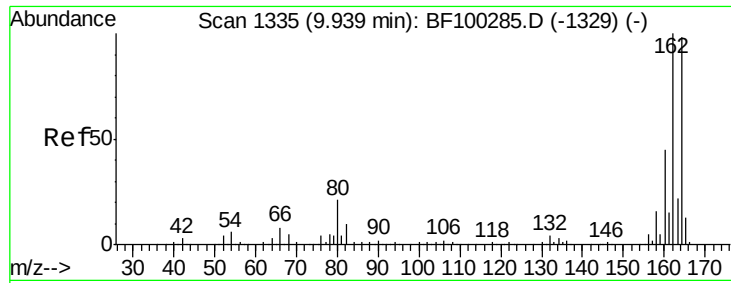
#32
Benzoic acid
Concen: 9.42 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.10 min
Lab File: BF100325.D
Acq: 9 Nov 2017 6:49

Tgt Ion: 122 Resp: 528
Ion Ratio Lower Upper
122 100
105 72.9 101.1 141.1#
77 90.8 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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BF100325.D

Acq: 9 Nov 2017 6:49

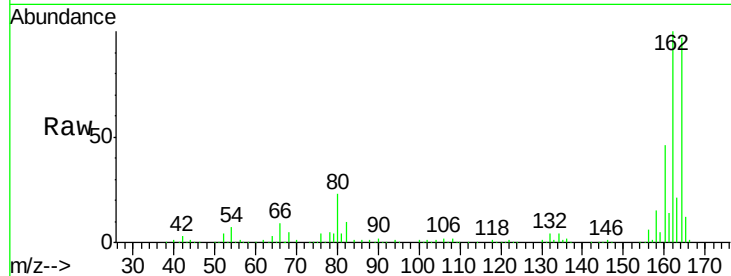
Tot Ion:164 Resp: 317309

Ion Ratio Lower Upper

164 100

162 102.7 86.1 129.1

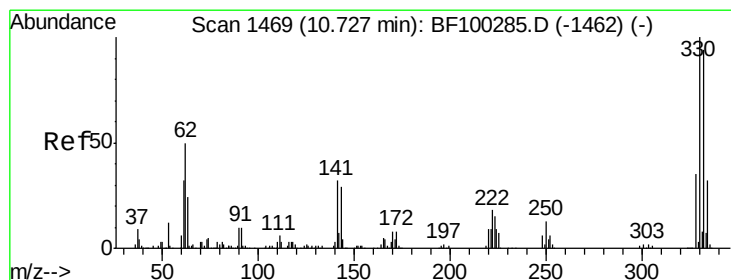
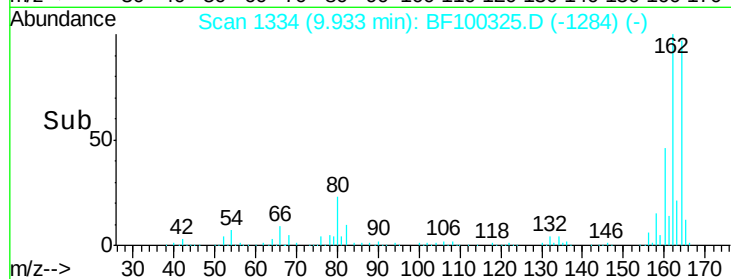
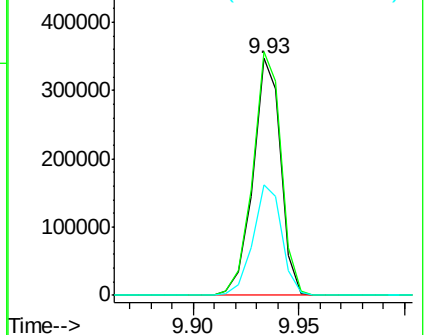
160 46.7 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 117.44 ng

RT: 10.73 min Scan# 1469

Delta R.T. -0.00 min

Lab File: BF100325.D

Acq: 9 Nov 2017 6:49

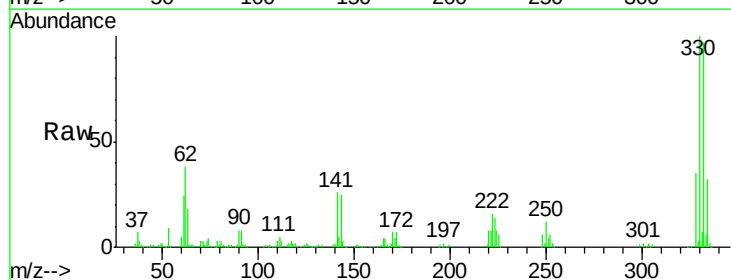
Tgt Ion:330 Resp: 379726

Ion Ratio Lower Upper

330 100

332 95.5 77.0 115.6

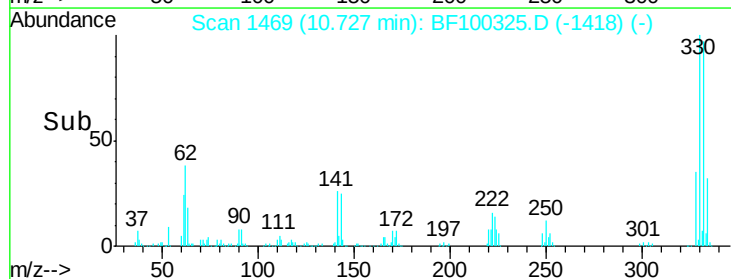
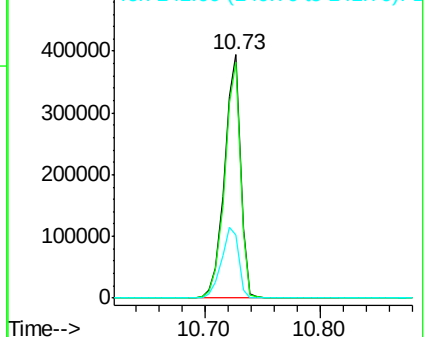
141 31.1 29.9 44.9

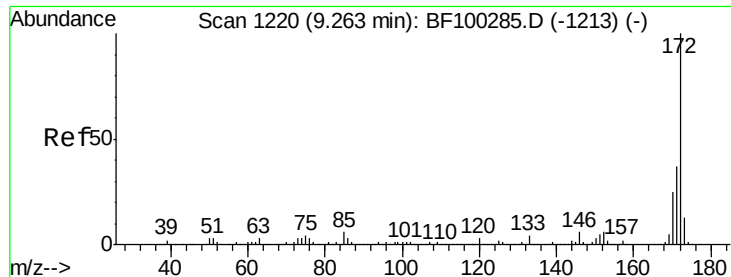


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

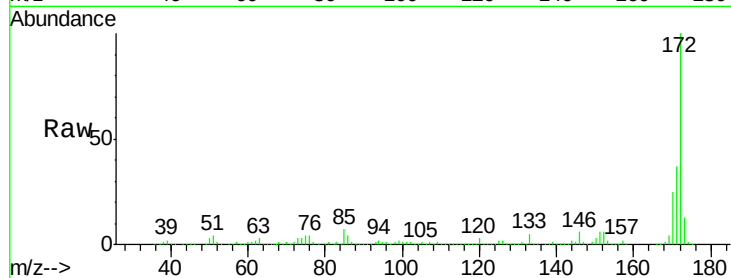




#44
2-Fluorobiphenyl
Concen: 95.84 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BF100325.D
Acq: 9 Nov 2017 6:49

Tot Ion:172 Resp: 1997209

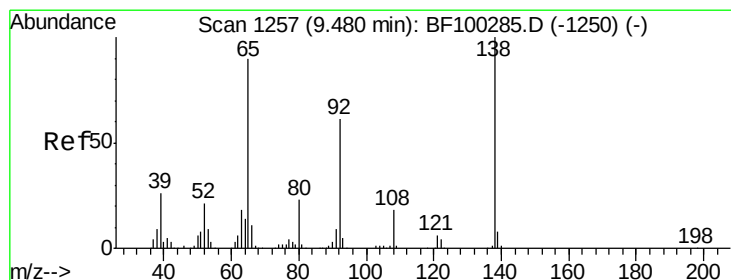
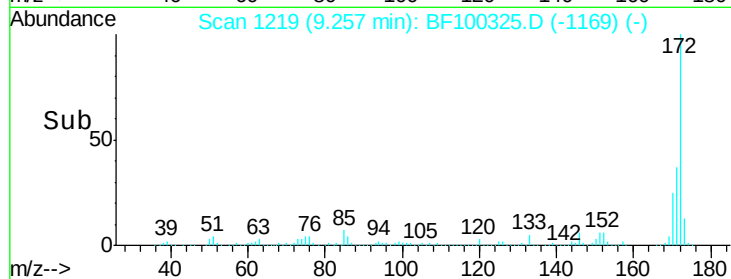
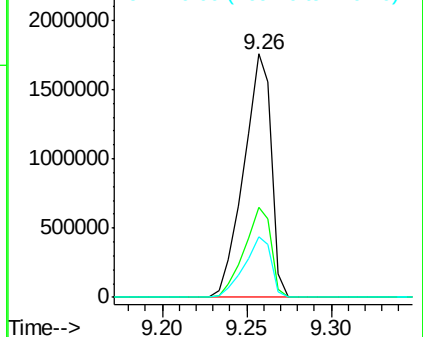
Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.7	44.5
170	24.7	19.6	29.4



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

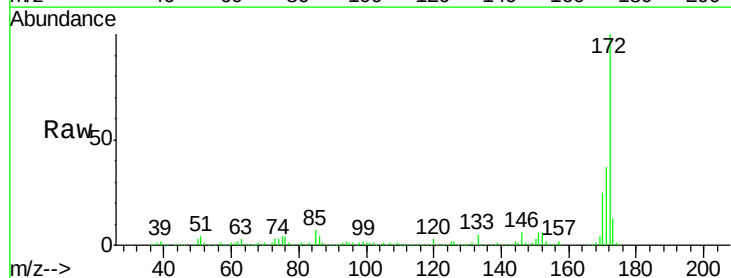
Ion 170.00 (169.70 to 170.70): E



#47
2-Nitroaniline
Concen: 3.32 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.22 min
Lab File: BF100325.D
Acq: 9 Nov 2017 6:49

Tgt Ion: 65 Resp: 3352

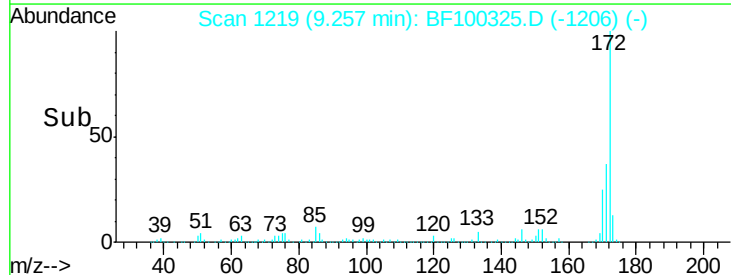
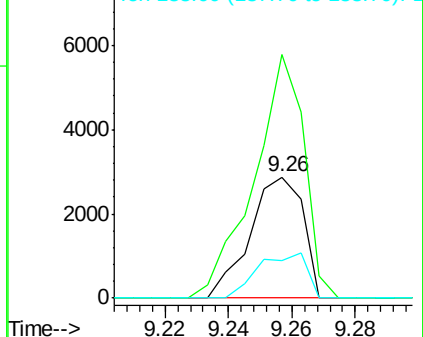
Ion	Ratio	Lower	Upper
65	100		
92	200.7	55.8	83.6#
138	31.4	91.2	136.8#

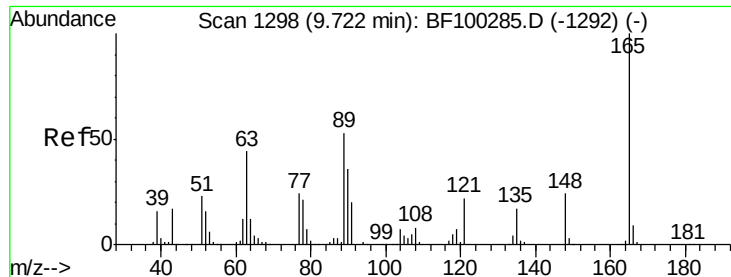


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

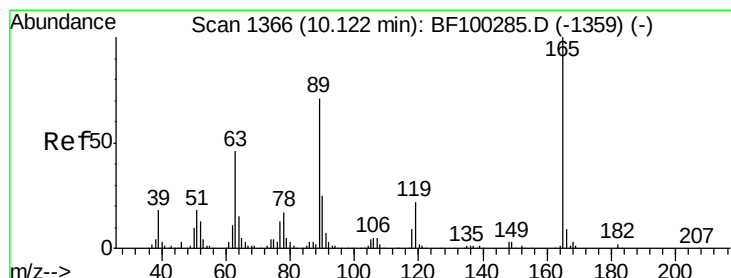
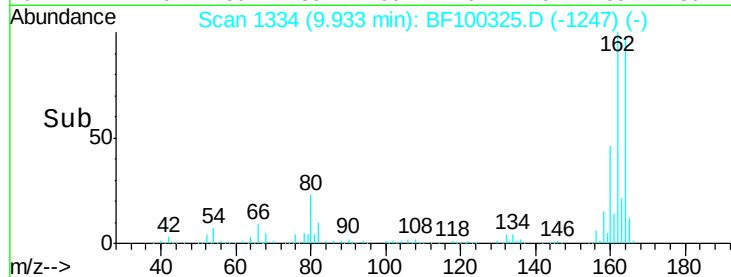
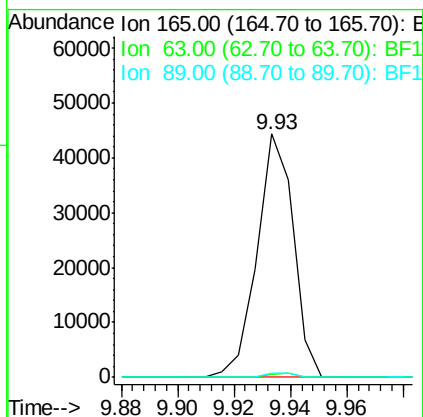
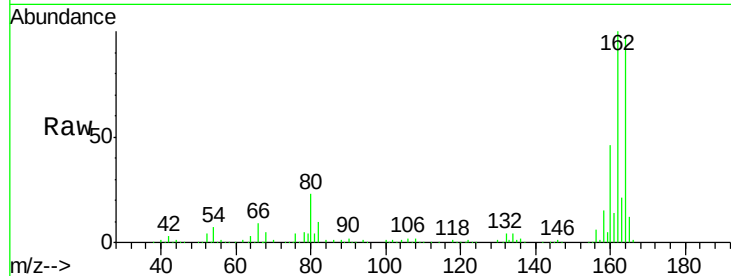
Ion 138.00 (137.70 to 138.70): E





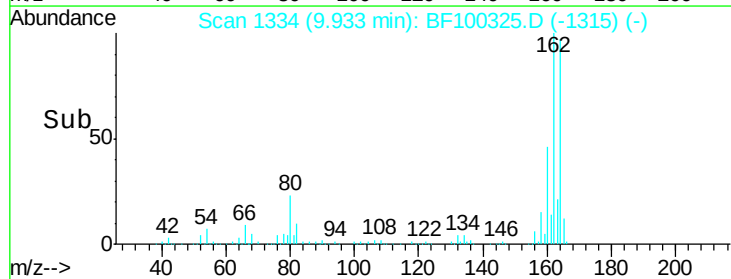
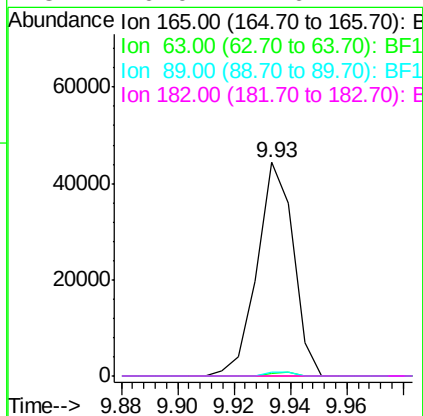
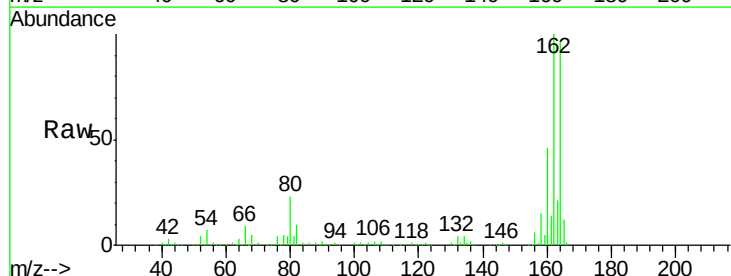
#50
2,6-Dinitrotoluene
Concen: 8.26 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.21 min
Lab File: BF100325.D
Acq: 9 Nov 2017 6:49

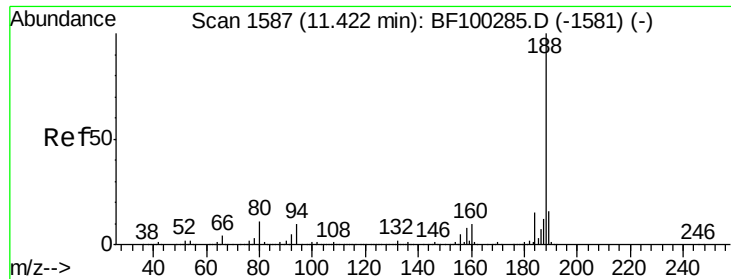
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	1.5	44.0	66.0#



#56
2,4-Dinitrotoluene
Concen: 6.54 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.19 min
Lab File: BF100325.D
Acq: 9 Nov 2017 6:49

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.5	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: BF100325.D

Acq: 9 Nov 2017 6:49

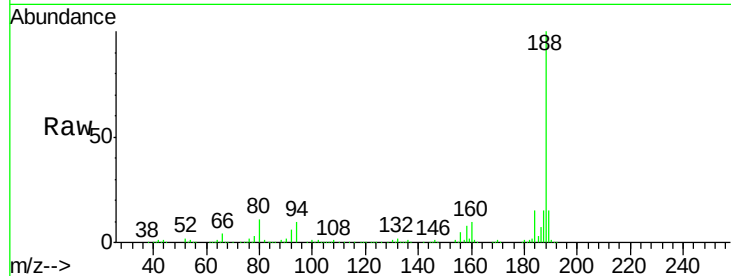
Tot Ion:188 Resp: 511654

Ion Ratio Lower Upper

188 100

94 10.0 8.5 12.7

80 10.8 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

11.42

600000

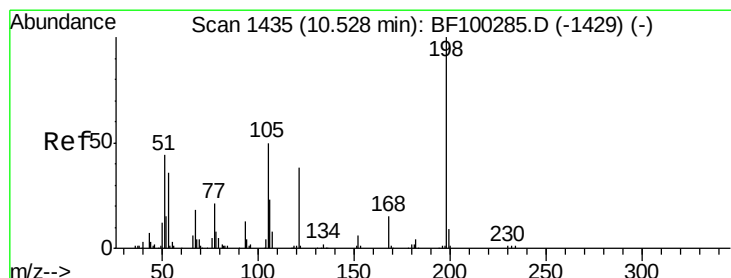
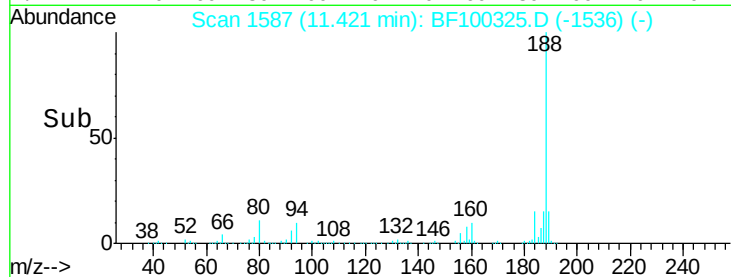
400000

200000

0

11.40 11.45

Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 8.80 ng

RT: 10.73 min Scan# 1469

Delta R.T. 0.20 min

Lab File: BF100325.D

Acq: 9 Nov 2017 6:49

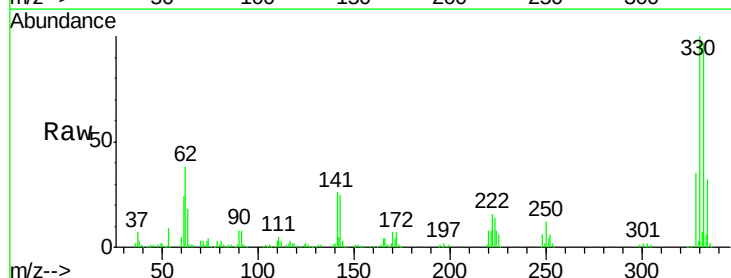
Tgt Ion:198 Resp: 724

Ion Ratio Lower Upper

198 100

51 139.7 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

2000

1500

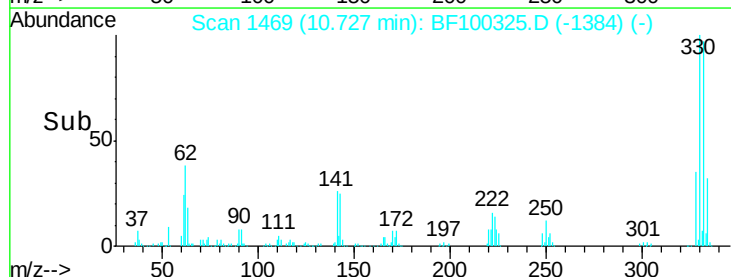
1000

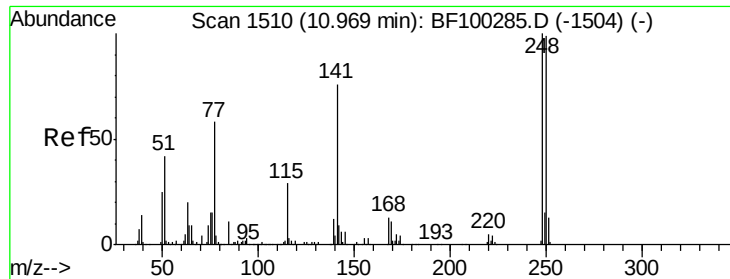
500

0

10.70 10.72 10.74

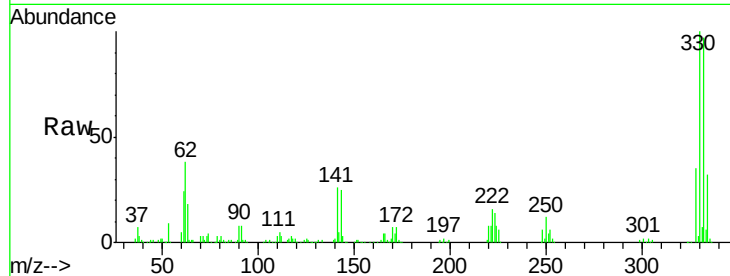
Time-->



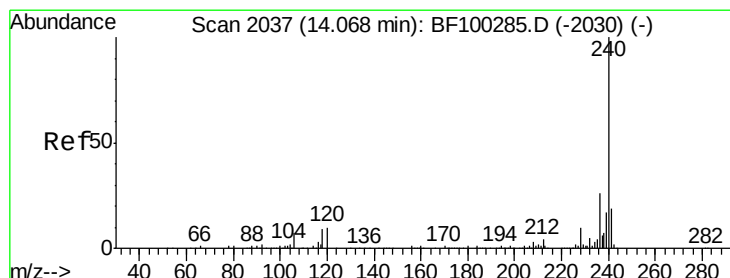
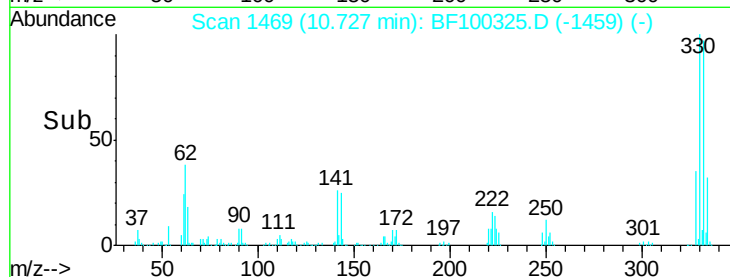
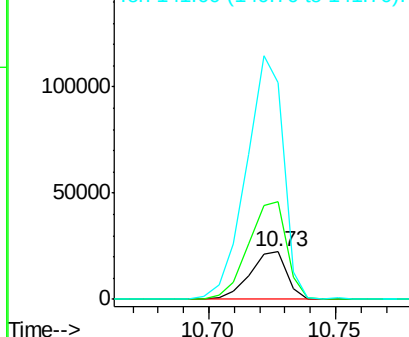


#66
4-Bromophenyl-phenylether
Concen: 4.19 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.24 min
Lab File: BF100325.D
Acq: 9 Nov 2017 6:49

Tot Ion:248 Resp: 22980
Ion Ratio Lower Upper
248 100
250 205.6 76.9 115.3#
141 455.5 74.4 111.6#

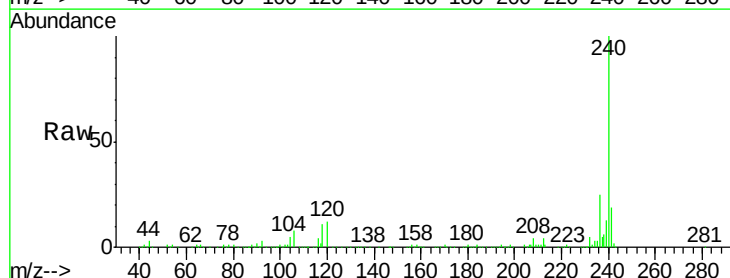


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

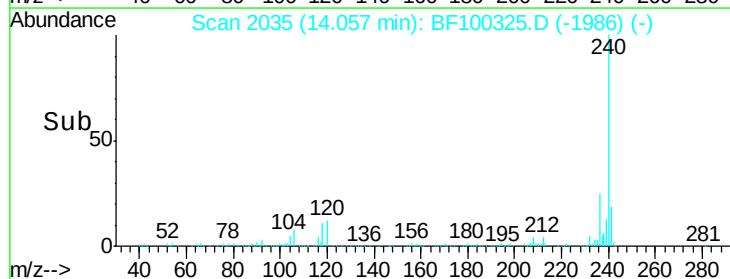
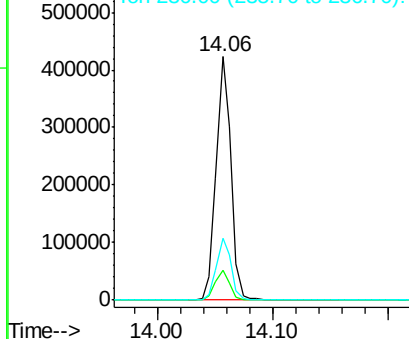


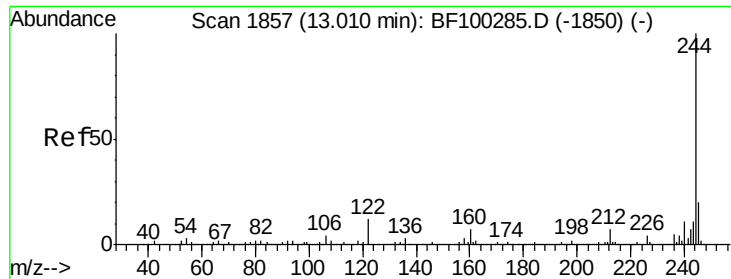
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF100325.D
Acq: 9 Nov 2017 6:49

Tgt Ion:240 Resp: 374739
Ion Ratio Lower Upper
240 100
120 12.2 9.5 14.3
236 25.3 20.7 31.1



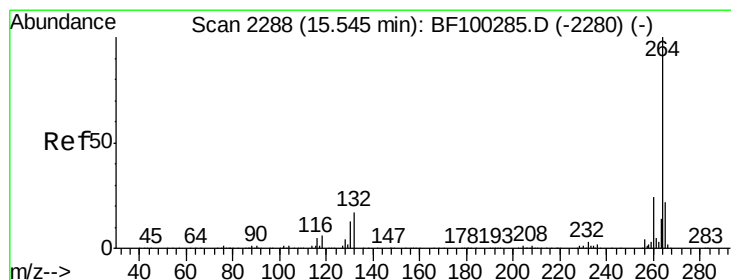
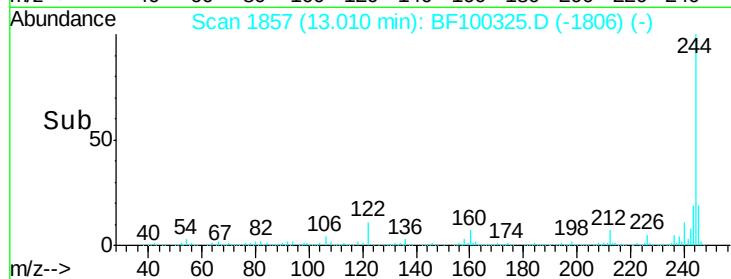
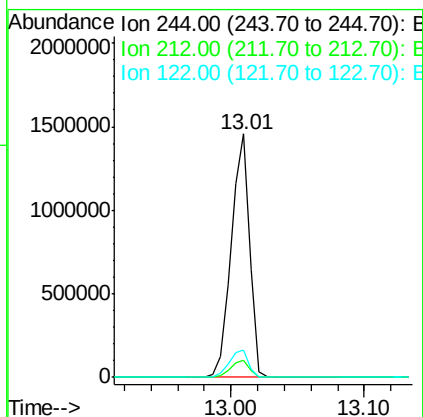
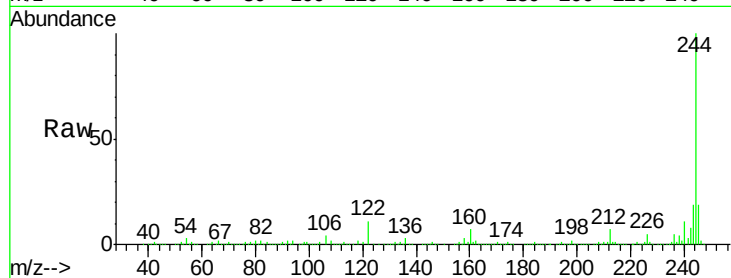
Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#78
 Terphenyl-d14
 Concen: 86.63 ng
 RT: 13.01 min Scan# 1857
 Delta R.T. -0.00 min
 Lab File: BF100325.D
 Acq: 9 Nov 2017 6:49

Tot Ion:244 Resp: 1412866
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 11.3 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.54 min Scan# 2287
 Delta R.T. -0.01 min
 Lab File: BF100325.D
 Acq: 9 Nov 2017 6:49

Tgt Ion:264 Resp: 359416
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 21.5 17.5 26.3

