

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110817\
 Data File : BF100323.D
 Acq On : 9 Nov 2017 5:55
 Operator : SJ/JU
 Sample : I6310-04
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

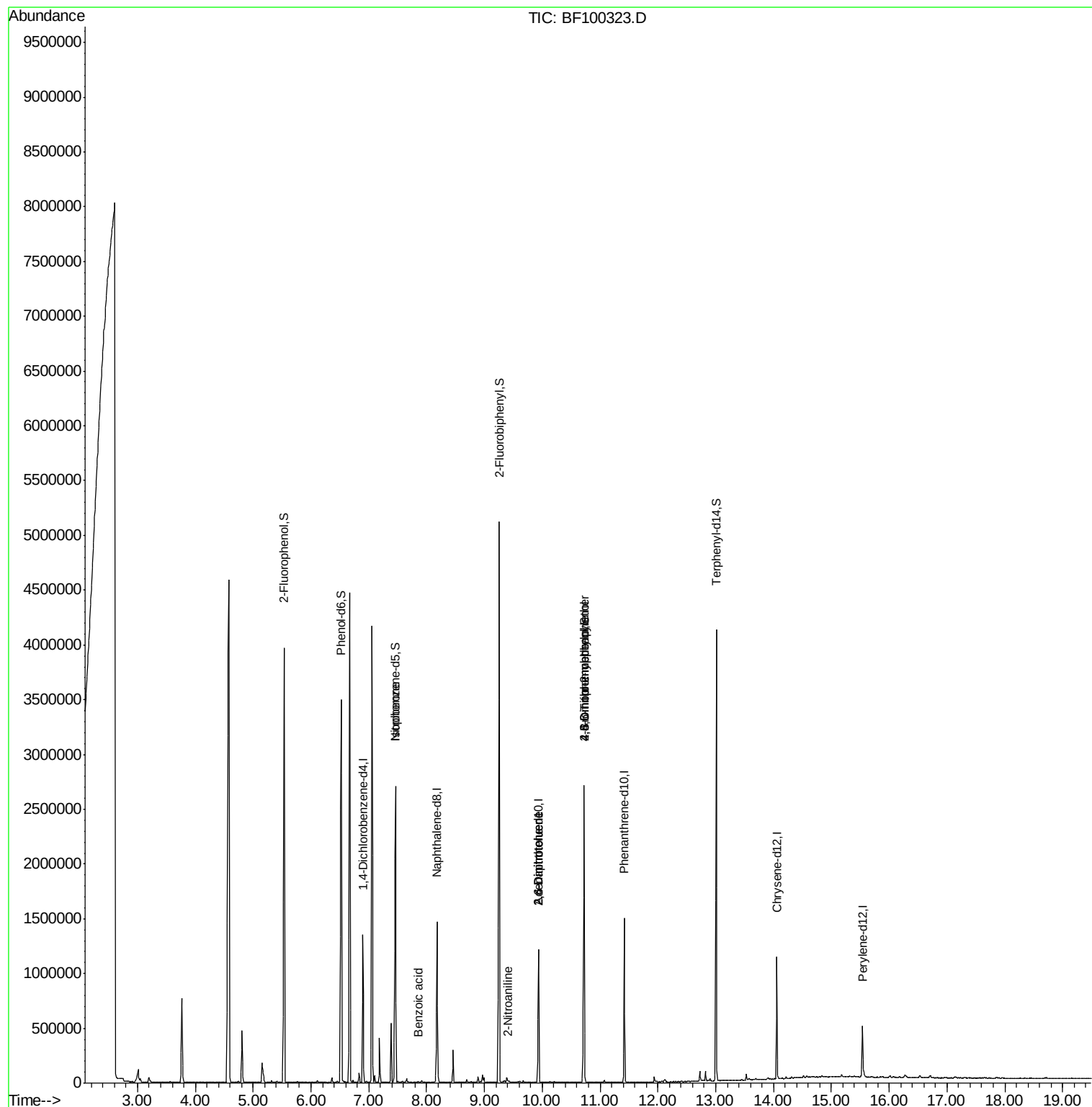
Quant Time: Nov 09 08:40:35 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 08 14:33:31 2017
 Response via : Initial Calibration

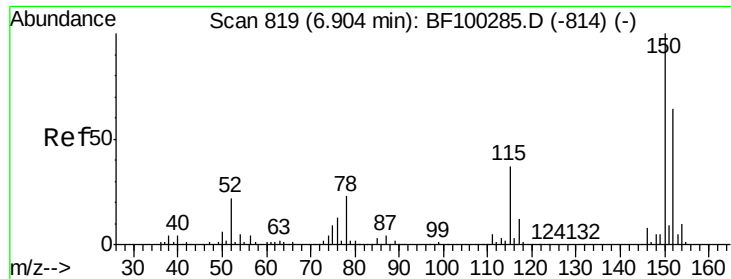
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	187153	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	736223	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	227385	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	480235	20.00	ng	0.00
75) Chrysene-d12	14.06	240	330650	20.00	ng	-0.01
86) Perylene-d12	15.54	264	172226	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1338734	114.66	ng	0.02
7) Phenol-d6	6.52	99	1153778	80.14	ng	0.00
23) Nitrobenzene-d5	7.46	82	1138282	102.22	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	392473	169.38	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	2068642	138.53	ng	0.00
78) Terphenyl-d14	13.01	244	1370337	95.23	ng	0.00
Target Compounds						Qvalue
25) Isophorone	7.46	82	1138097	48.63	ng	# 64
32) Benzoic acid	7.85	122	1460	9.52	ng	# 77
47) 2-Nitroaniline	9.41	65	110	2.81	ng	# 2
50) 2,6-Dinitrotoluene	9.93	165	29730	8.65	ng	# 26
56) 2,4-Dinitrotoluene	9.93	165	29730	6.86	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.72	198	981	8.90	ng	# 1
66) 4-Bromophenyl-phenylether	10.73	248	23968	4.66	ng	# 1

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

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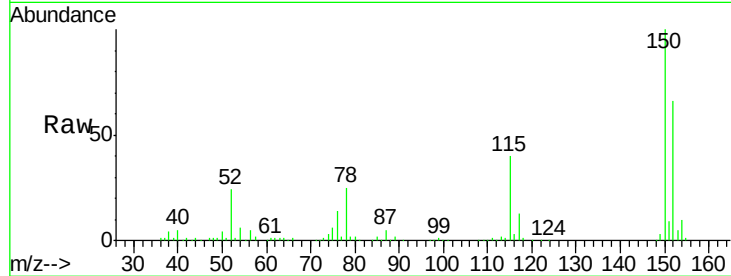




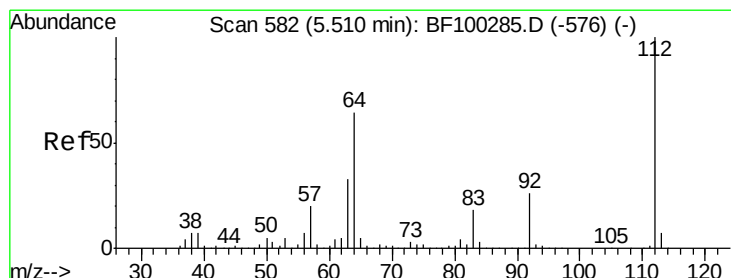
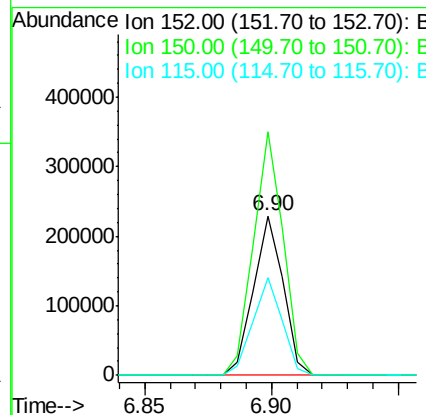
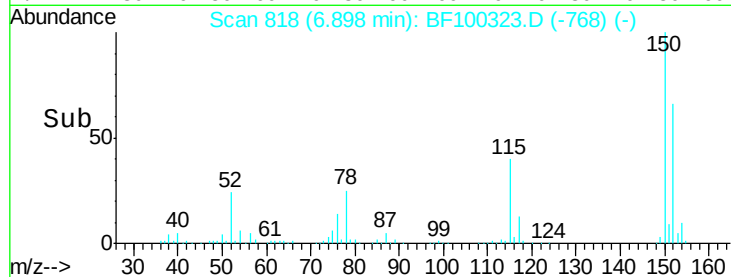
#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF100323.D
Acq: 9 Nov 2017 5:55

Tot Ion:152 Resp: 187153
Ion Ratio Lower Upper
152 100
150 152.7 124.6 186.8
115 61.1 50.1 75.1



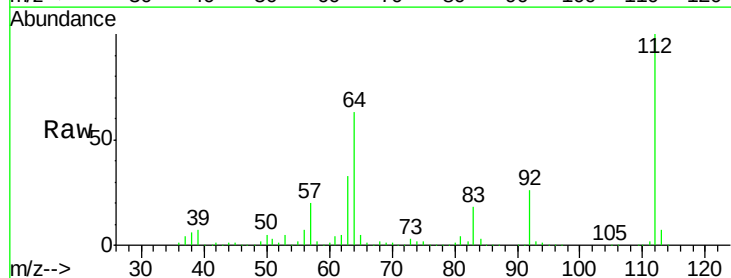
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



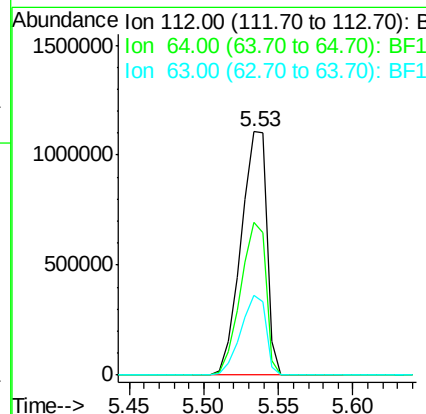
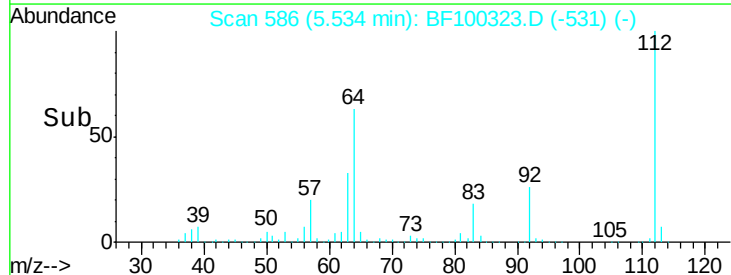
#5

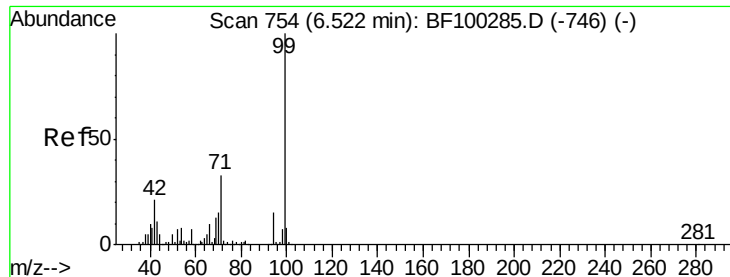
2-Fluorophenol
Concen: 114.66 ng
RT: 5.53 min Scan# 586
Delta R.T. 0.02 min
Lab File: BF100323.D
Acq: 9 Nov 2017 5:55

Tgt Ion:112 Resp: 1338734
Ion Ratio Lower Upper
112 100
64 62.9 47.9 71.9
63 32.6 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: 80.14 ng

RT: 6.52 min Scan# 754

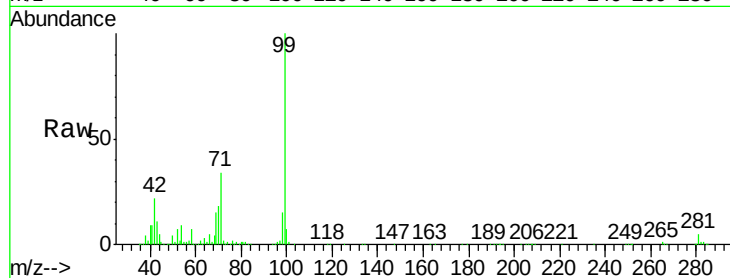
Delta R.T. 0.00 min

Lab File: BF100323.D

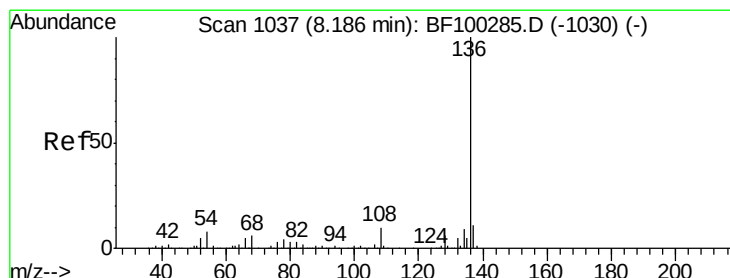
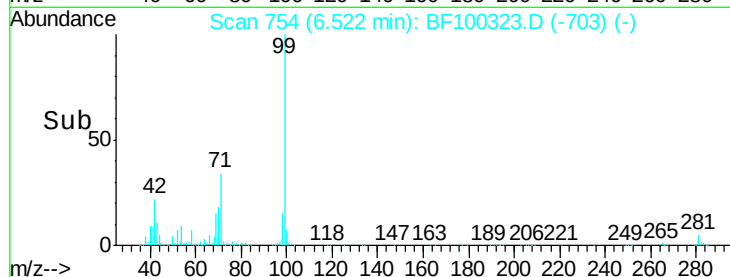
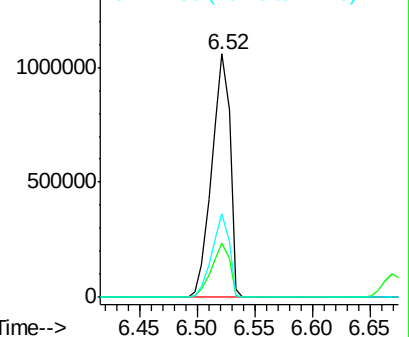
Acq: 9 Nov 2017 5:55

Tot Ion: 99 Resp: 1153778

Ion	Ratio	Lower	Upper
99	100		
42	22.1	14.5	21.7#
71	34.2	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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 1036

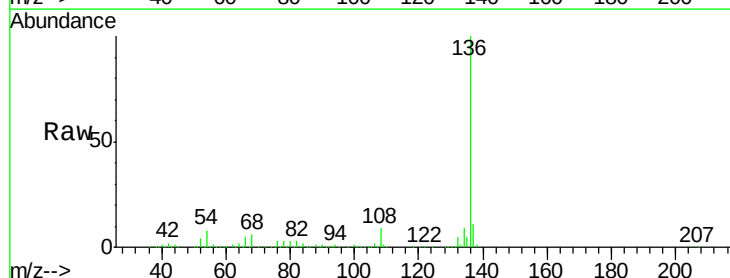
Delta R.T. -0.01 min

Lab File: BF100323.D

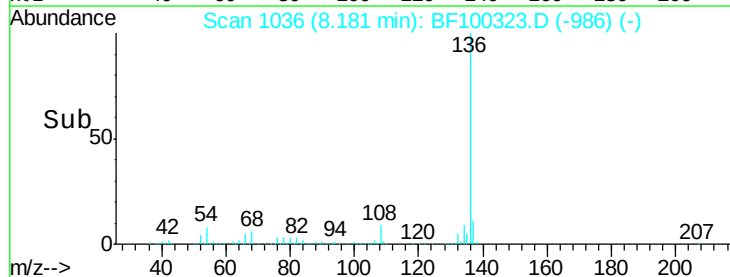
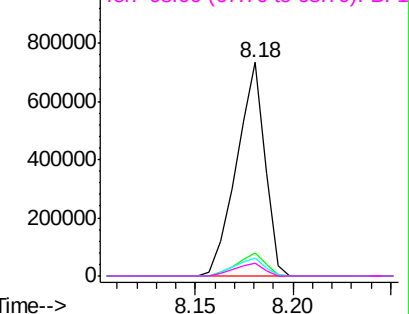
Acq: 9 Nov 2017 5:55

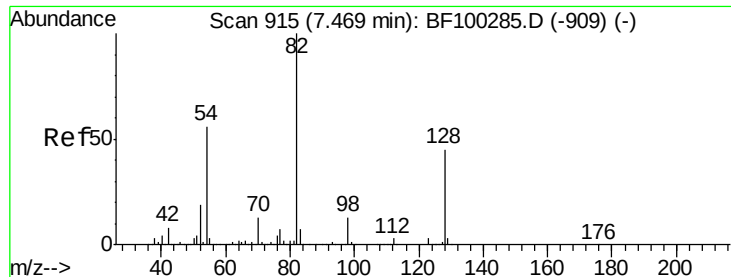
Tgt Ion: 136 Resp: 736223

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	8.5	6.6	9.8
68	6.2	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: 102.22 ng

RT: 7.46 min Scan# 914

Delta R.T. -0.01 min

Lab File: BF100323.D

Acq: 9 Nov 2017 5:55

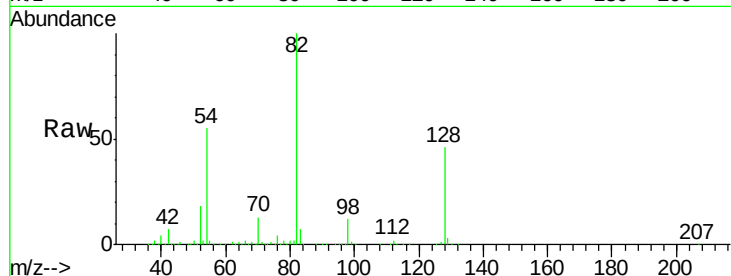
Tot Ion: 82 Resp: 1138282

Ion	Ratio	Lower	Upper
82	100		
128	45.6	36.1	54.1
54	54.9	41.4	62.2

82 100

128 45.6 36.1 54.1

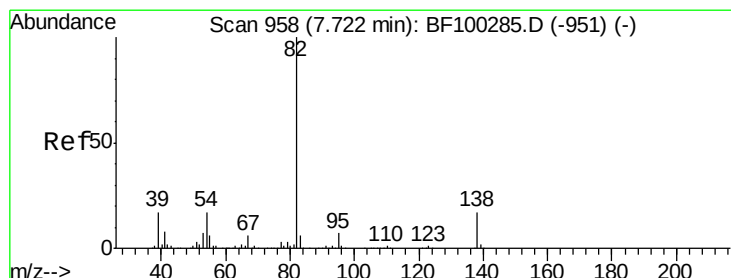
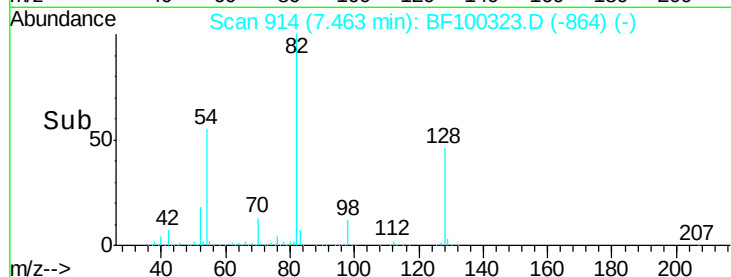
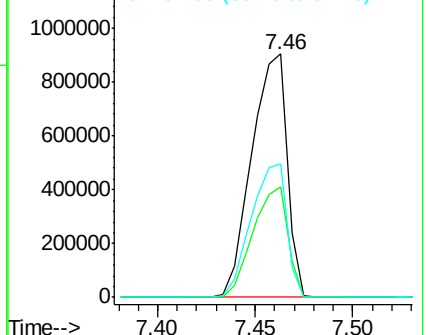
54 54.9 41.4 62.2



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: 48.63 ng

RT: 7.46 min Scan# 914

Delta R.T. -0.26 min

Lab File: BF100323.D

Acq: 9 Nov 2017 5:55

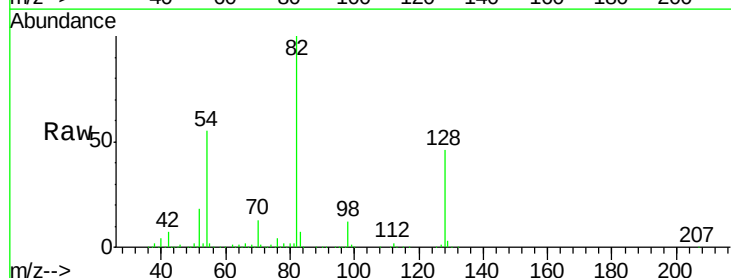
Tgt Ion: 82 Resp: 1138097

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

82 100

95 0.0 5.2 7.8#

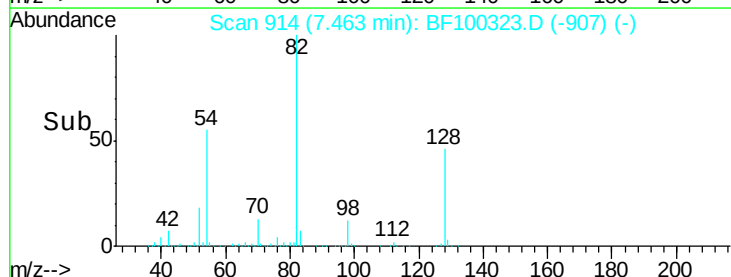
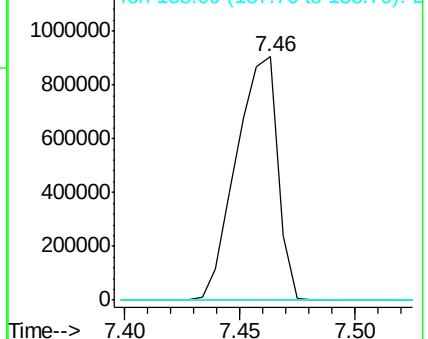
138 0.0 14.9 22.3#

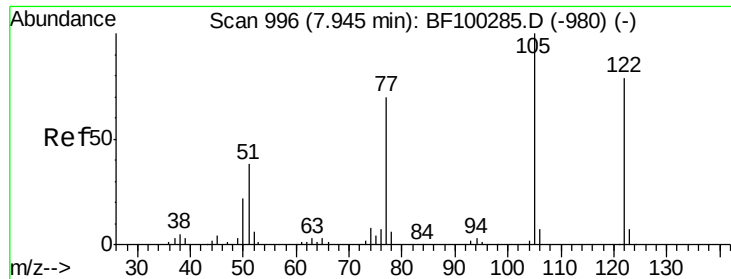


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

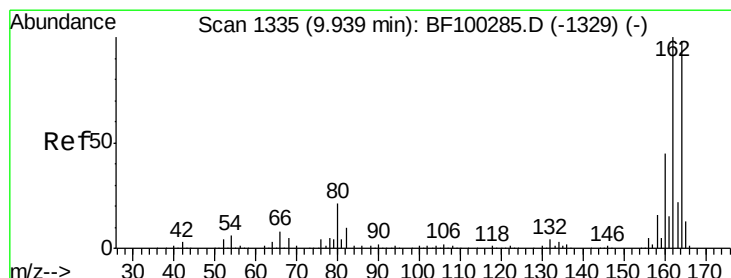
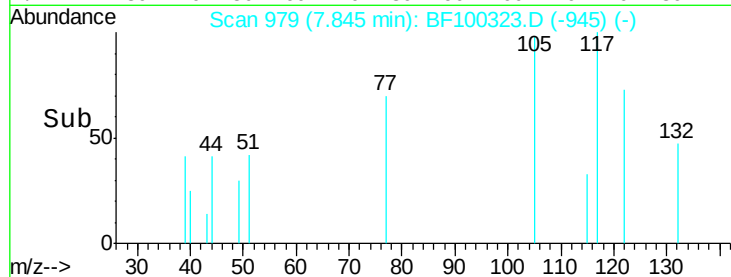
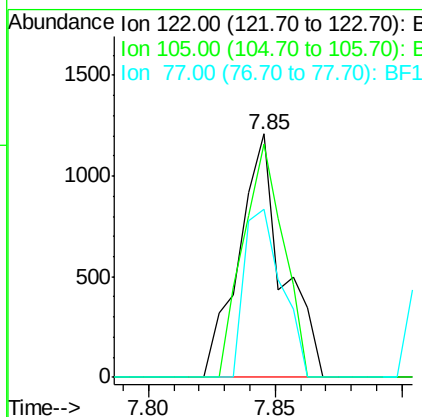
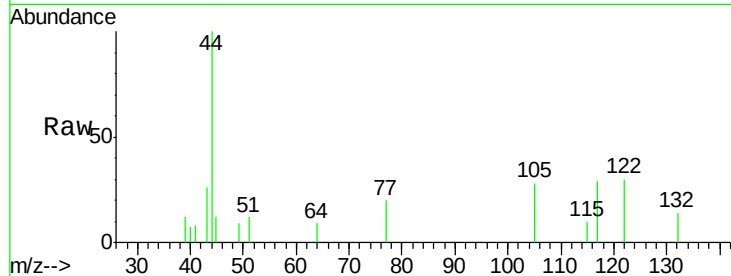
Ion 138.00 (137.70 to 138.70): BF1





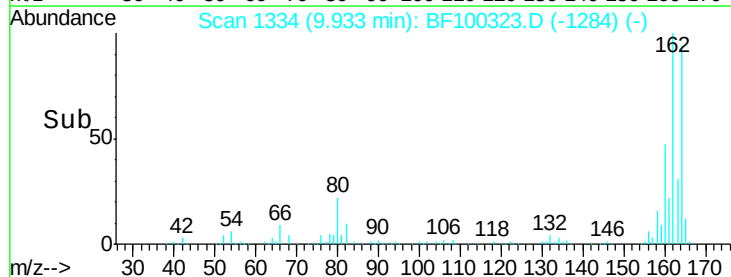
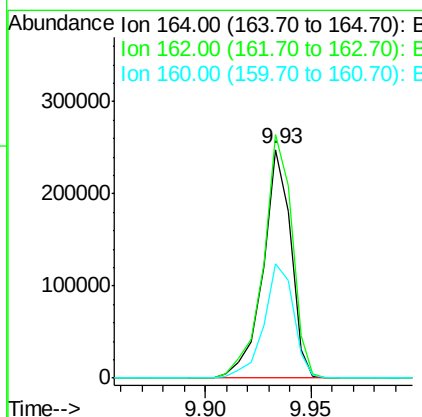
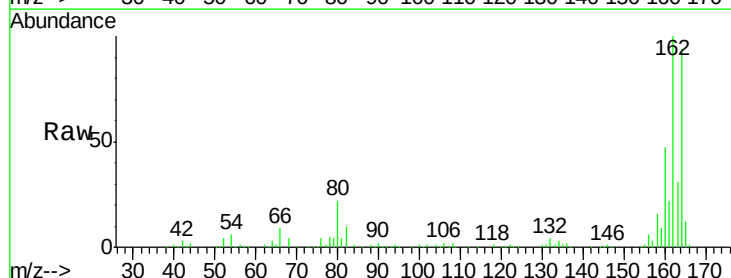
#32
Benzoic acid
Concen: 9.52 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.10 min
Lab File: BF100323.D
Acq: 9 Nov 2017 5:55

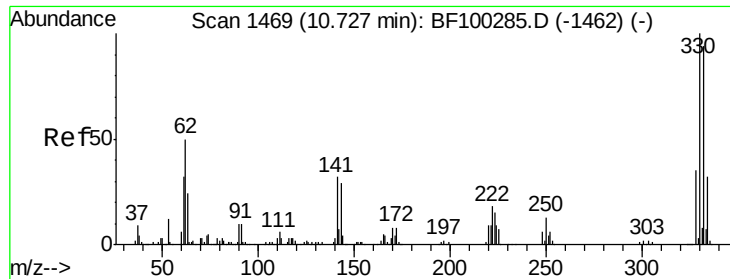
Tot Ion:122 Resp: 1460
Ion Ratio Lower Upper
122 100
105 95.8 101.1 141.1#
77 69.1 70.7 110.7#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF100323.D
Acq: 9 Nov 2017 5:55

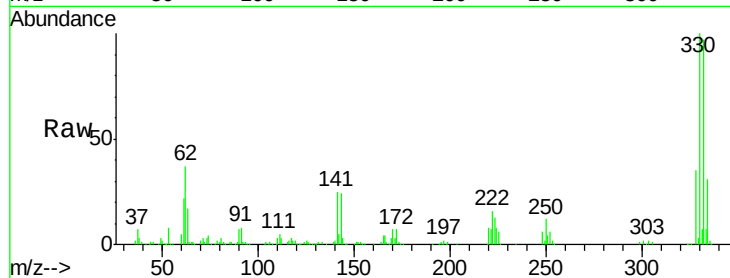
Tgt Ion:164 Resp: 227385
Ion Ratio Lower Upper
164 100
162 106.6 86.1 129.1
160 49.9 38.3 57.5



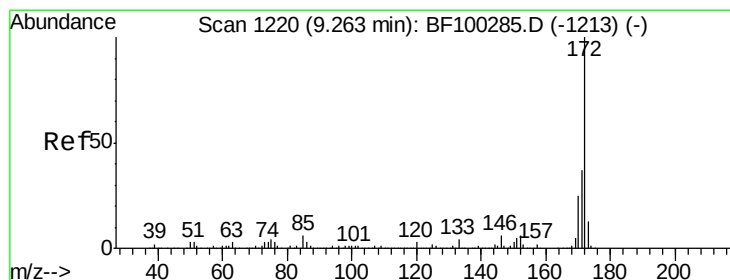
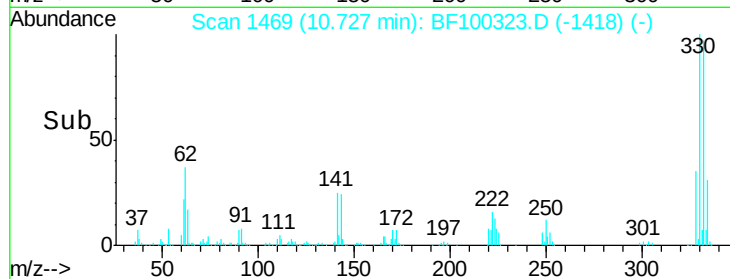
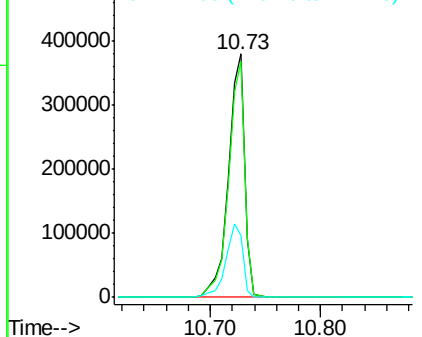


#41
 2,4,6-Tribromophenol
 Concen: 169.38 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: BF100323.D
 Acq: 9 Nov 2017 5:55

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	31.3	29.9	44.9

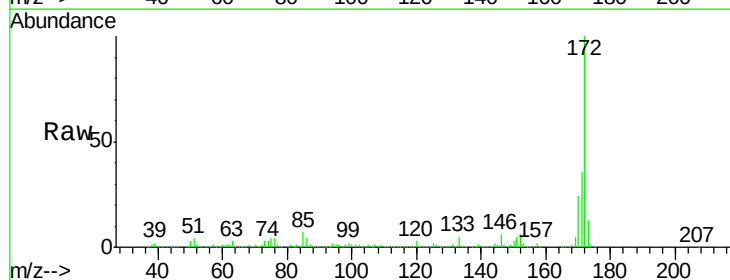


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

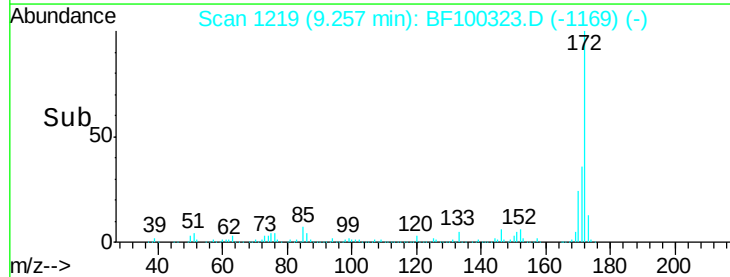
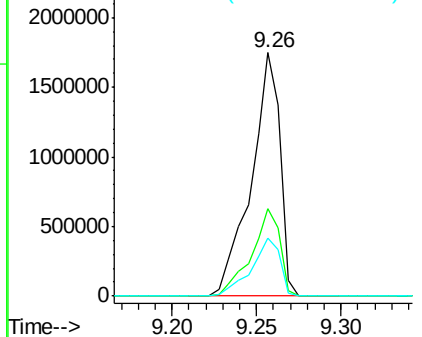


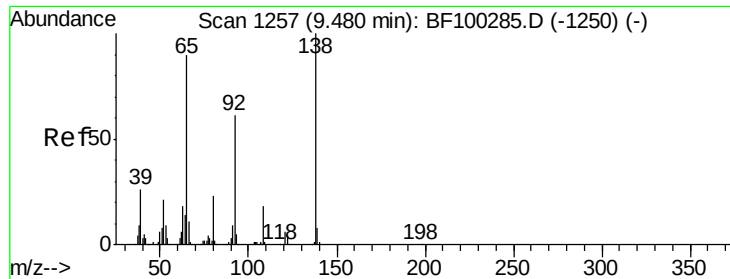
#44
 2-Fluorobiphenyl
 Concen: 138.53 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BF100323.D
 Acq: 9 Nov 2017 5:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.9	19.6	29.4



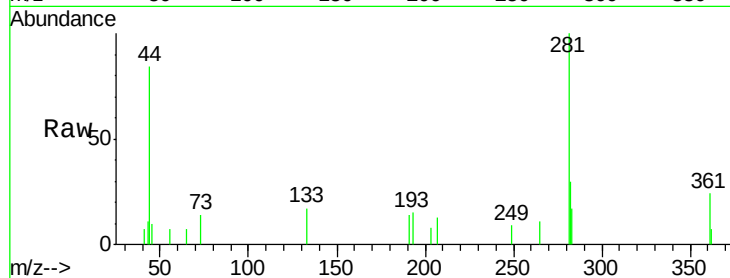
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



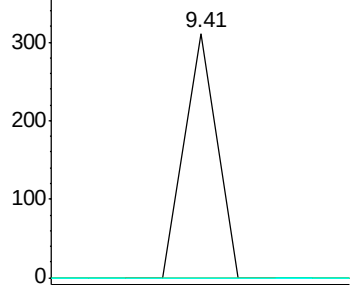


#47
2-Nitroaniline
Concen: 2.81 ng
RT: 9.41 min Scan# 1245
Delta R.T. -0.07 min
Lab File: BF100323.D
Acq: 9 Nov 2017 5:55

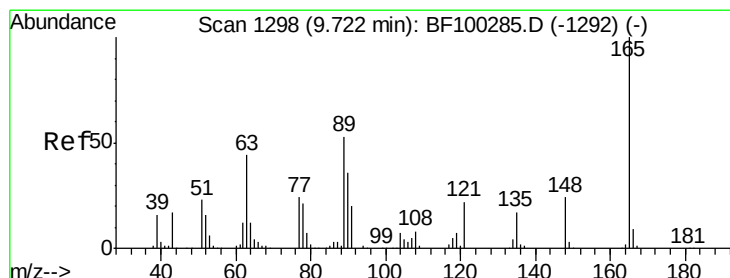
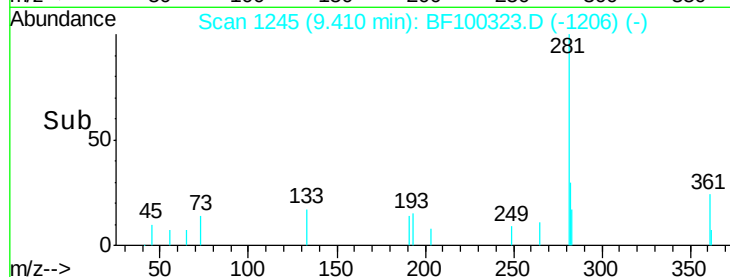
Tot Ion	Ratio	Lower	Upper
65	100		
92	0.0	55.8	83.6#
138	0.0	91.2	136.8#



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

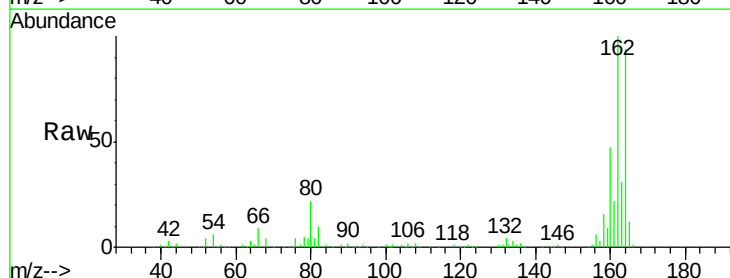


Time-->

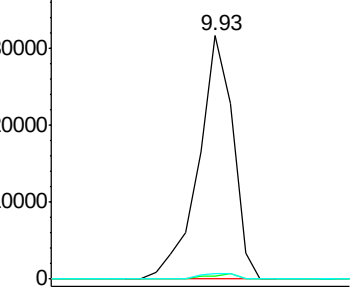


#50
2,6-Dinitrotoluene
Concen: 8.65 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.21 min
Lab File: BF100323.D
Acq: 9 Nov 2017 5:55

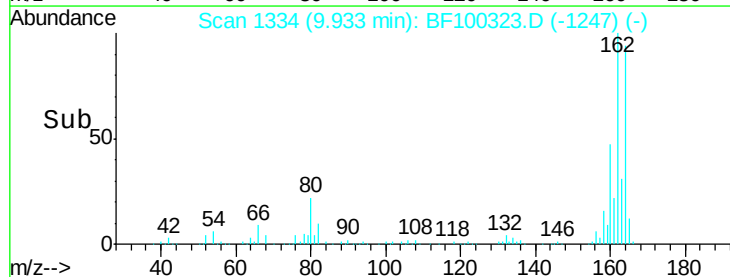
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.7	67.1#
89	2.2	44.0	66.0#

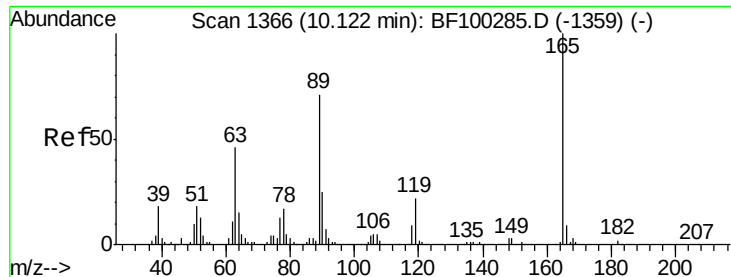


Abundance Ion 165.00 (164.70 to 165.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1



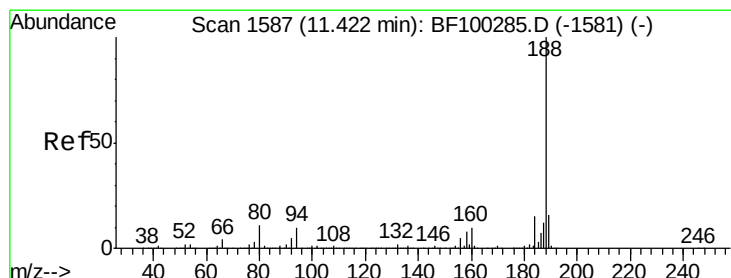
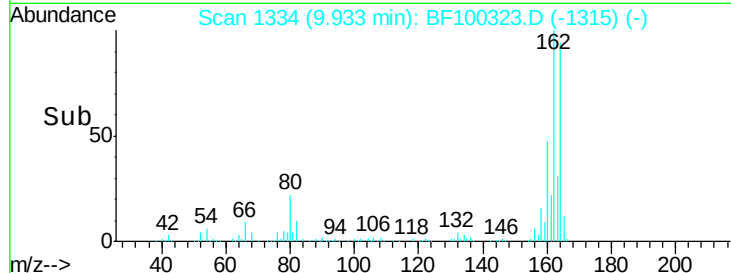
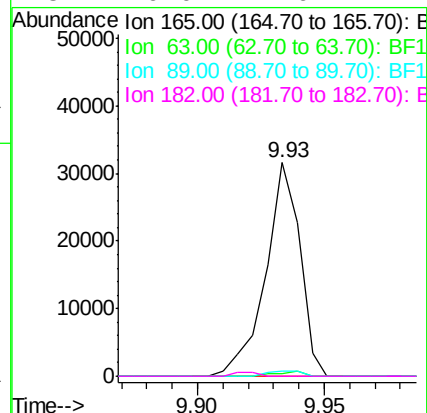
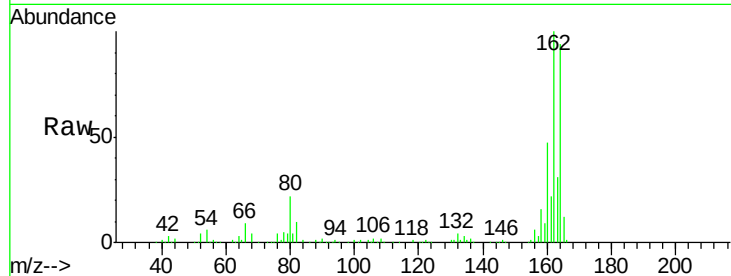
Time-->





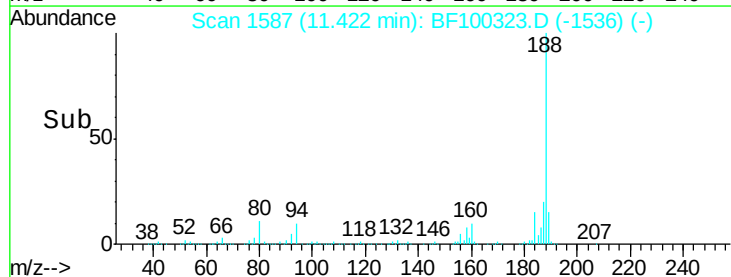
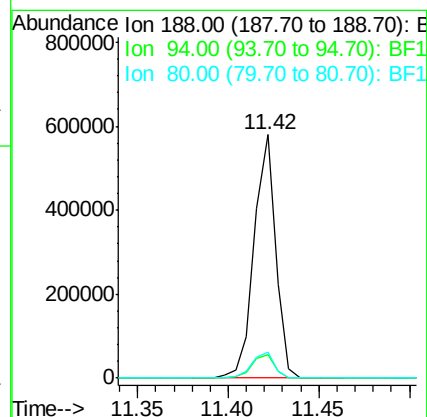
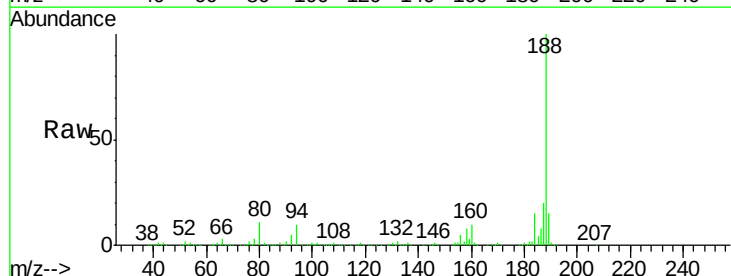
#56
 2,4-Dinitrotoluene
 Concen: 6.86 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.19 min
 Lab File: BF100323.D
 Acq: 9 Nov 2017 5:55

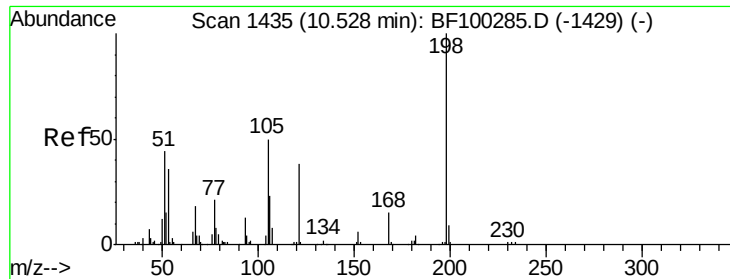
Tot Ion:165	Resp:	29730
Ion	Ratio	Lower Upper
165	100	
63	1.4	36.4 54.6#
89	2.2	57.8 86.6#
182	0.0	1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. 0.00 min
 Lab File: BF100323.D
 Acq: 9 Nov 2017 5:55

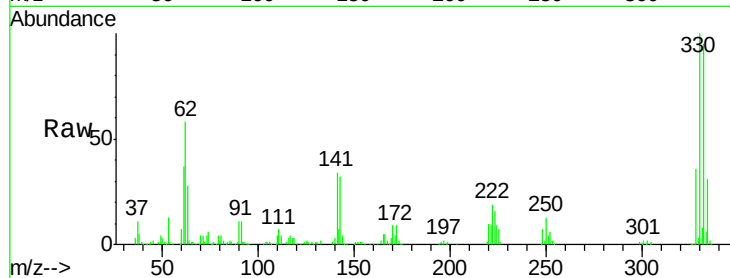
Tgt Ion:188	Resp:	480235
Ion	Ratio	Lower Upper
188	100	
94	9.5	8.5 12.7
80	10.9	9.2 13.8



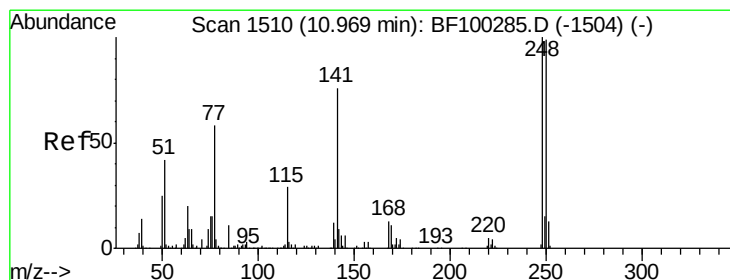
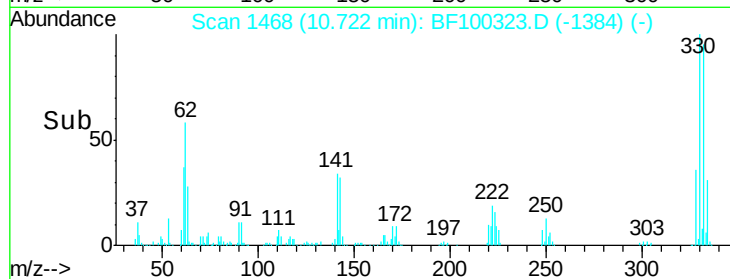
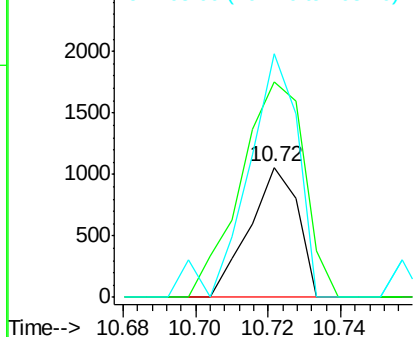


#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.90 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. 0.19 min
 Lab File: BF100323.D
 Acq: 9 Nov 2017 5:55

Tot Ion	Ratio	Lower	Upper
198	100		
51	165.8	37.7	77.7#
105	186.9	36.3	76.3#

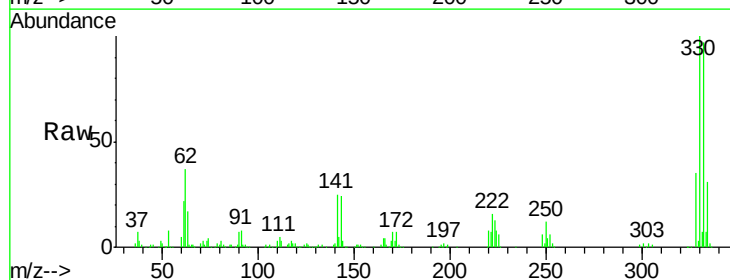


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

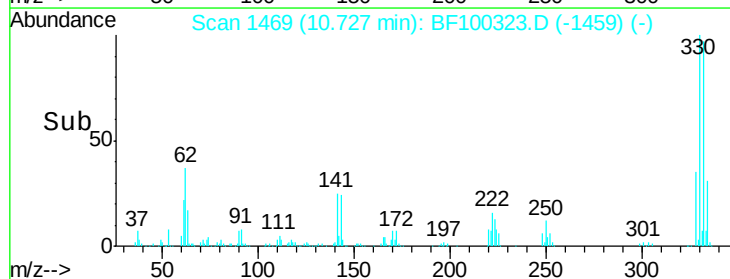
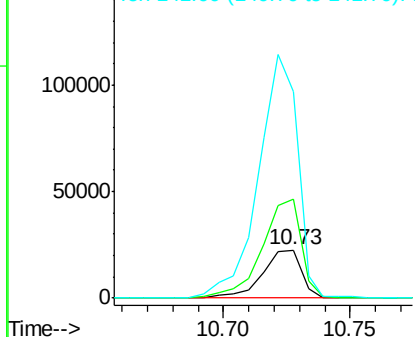


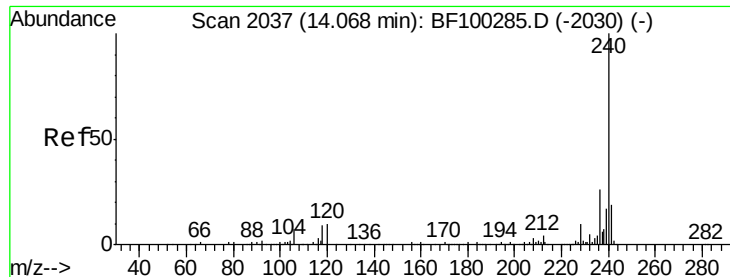
#66
 4-Bromophenyl-phenylether
 Concen: 4.66 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.24 min
 Lab File: BF100323.D
 Acq: 9 Nov 2017 5:55

Tgt Ion	Ratio	Lower	Upper
248	100		
250	208.3	76.9	115.3#
141	431.4	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: BF100323.D

Acq: 9 Nov 2017 5:55

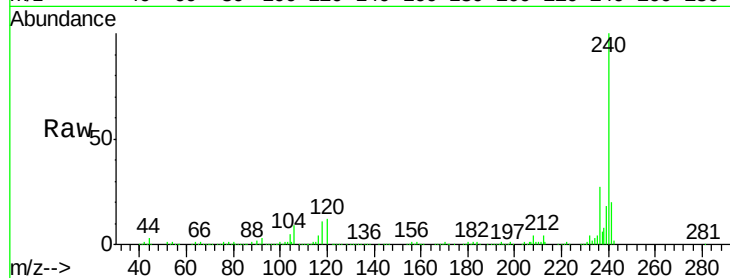
Tot Ion:240 Resp: 330650

Ion Ratio Lower Upper

240 100

120 12.2 9.5 14.3

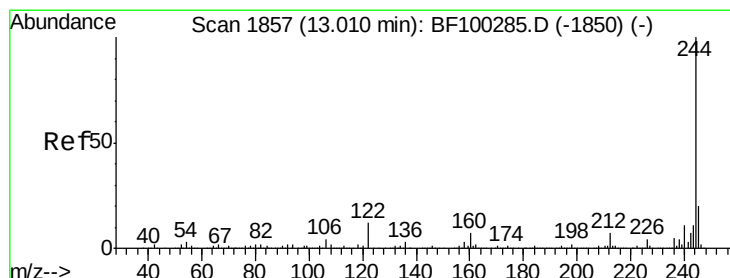
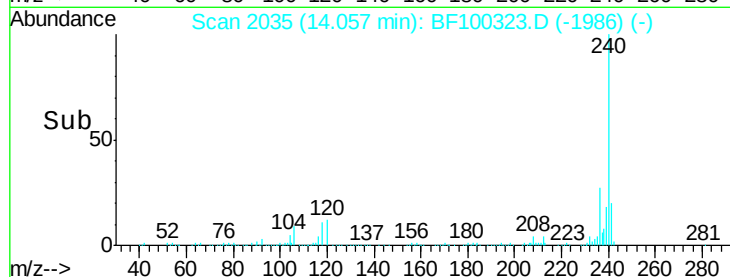
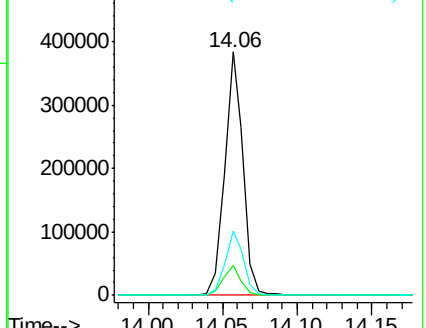
236 26.6 20.7 31.1



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: 95.23 ng

RT: 13.01 min Scan# 1857

Delta R.T. 0.00 min

Lab File: BF100323.D

Acq: 9 Nov 2017 5:55

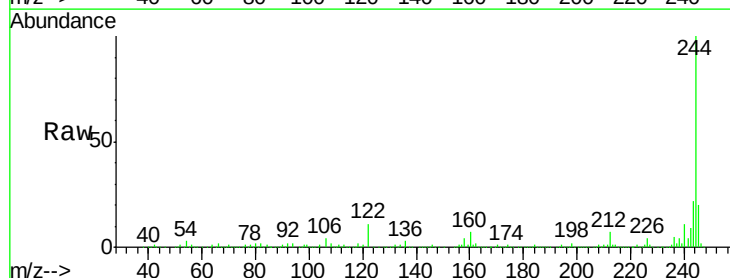
Tgt Ion:244 Resp: 1370337

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

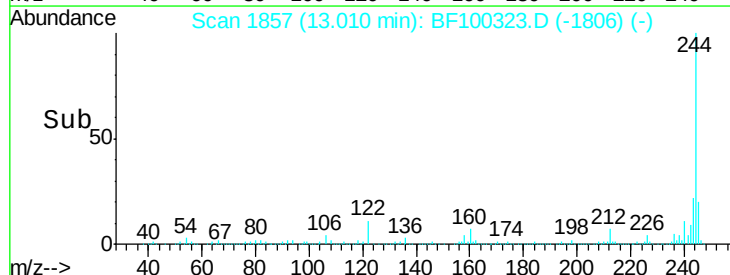
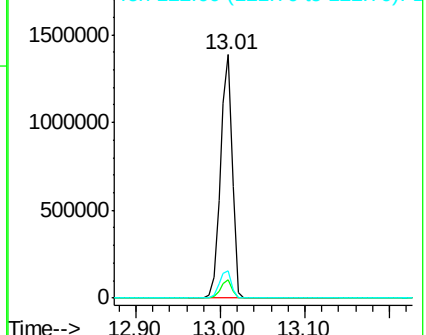
122 11.1 11.0 16.4

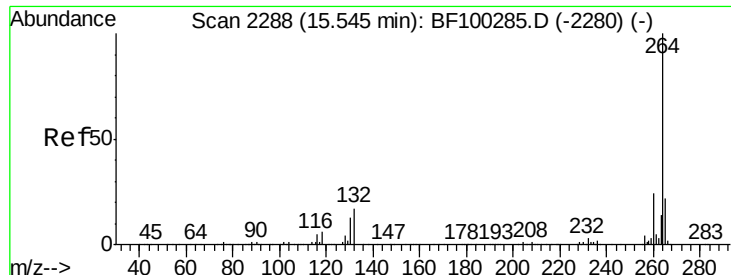


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

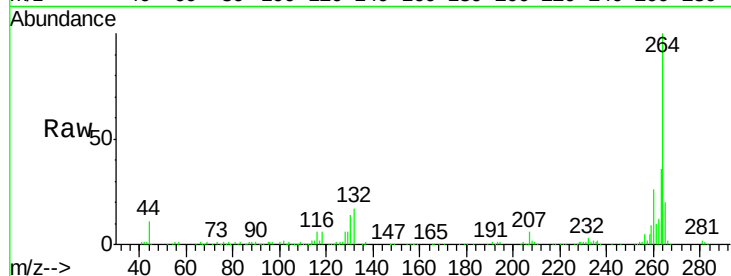
Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.54 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BF100323.D
Acq: 9 Nov 2017 5:55

Tot Ion:	264	Resp:	172226
Ion	Ratio	Lower	Upper
264	100		
260	25.7	19.2	28.8
265	20.1	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

