

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110817\
 Data File : BF100297.D
 Acq On : 8 Nov 2017 17:49
 Operator : SJ/JU
 Sample : I6351-01 100X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

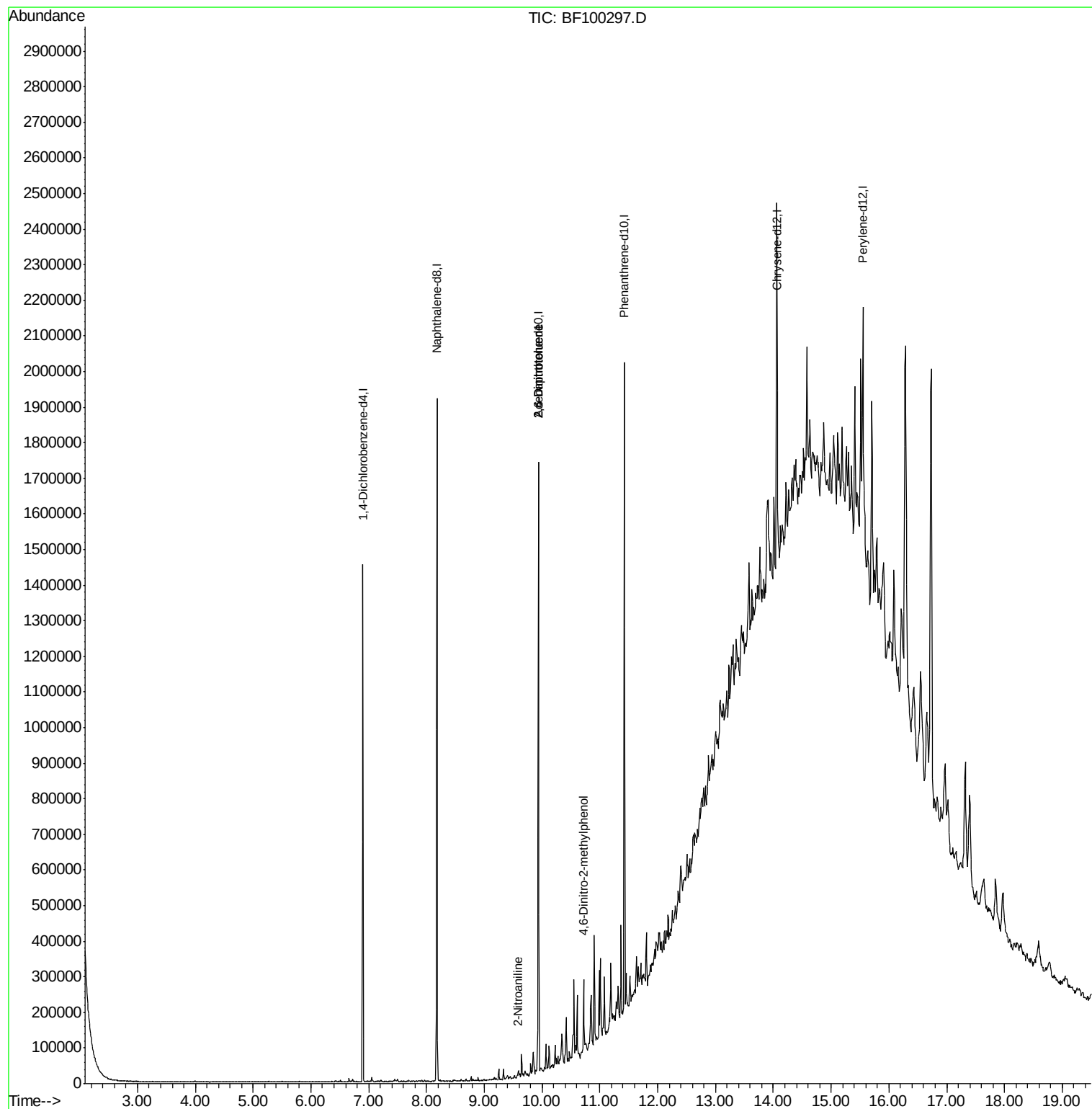
Quant Time: Nov 08 18:29:37 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 08 14:33:31 2017
 Response via : Initial Calibration

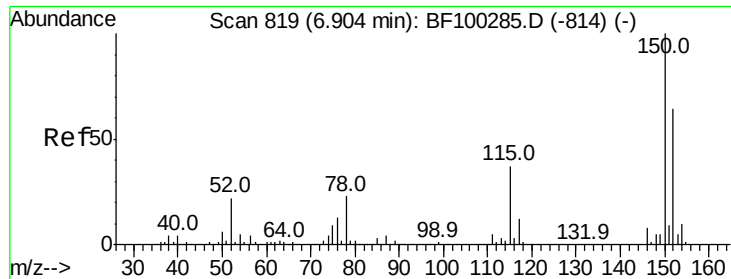
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	191414	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	760960	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	334733	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	577069	20.00	ng	0.00
75) Chrysene-d12	14.06	240	355003	20.00	ng	0.00
86) Perylene-d12	15.55	264	371680	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	772	0.06	ng	0.00
7) Phenol-d6	6.50	99	1243	0.08	ng	-0.02
23) Nitrobenzene-d5	7.45	82	1737	0.15	ng	-0.02
41) 2,4,6-Tribromophenol	10.72	330	748	0.22	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	6261	0.28	ng	-0.01
78) Terphenyl-d14	13.00	244	6610	0.43	ng	0.00
Target Compounds						
47) 2-Nitroaniline	9.59	65	116	2.802	ng	# 2
50) 2,6-Dinitrotoluene	9.93	165	45146	8.924	ng	# 25
56) 2,4-Dinitrotoluene	9.93	165	45146	7.074	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.73	198	112	8.602	ng	# 1

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

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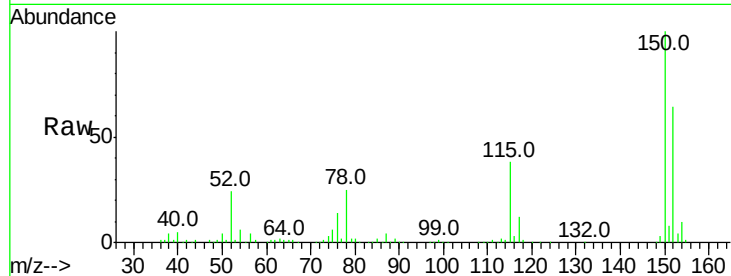




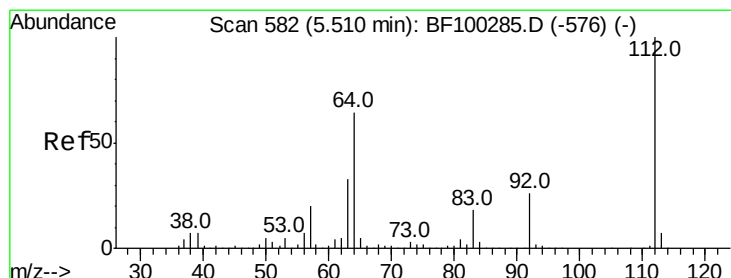
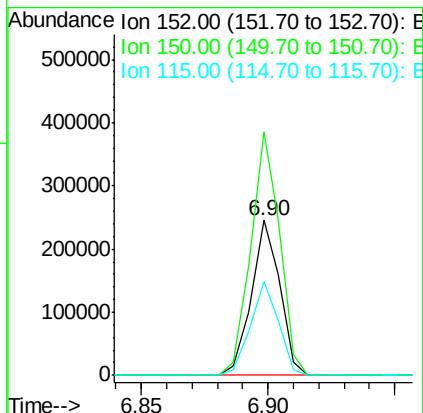
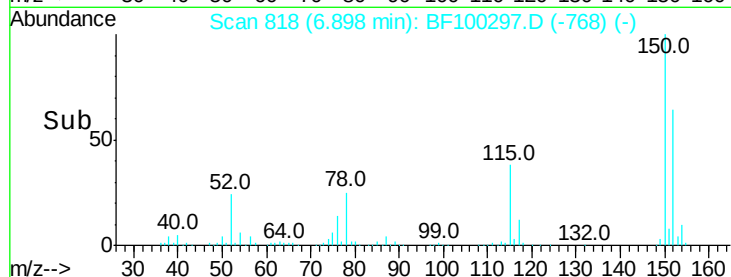
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF100297.D
Acq: 8 Nov 2017 17:49

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.6	186.8
115	60.5	50.1	75.1



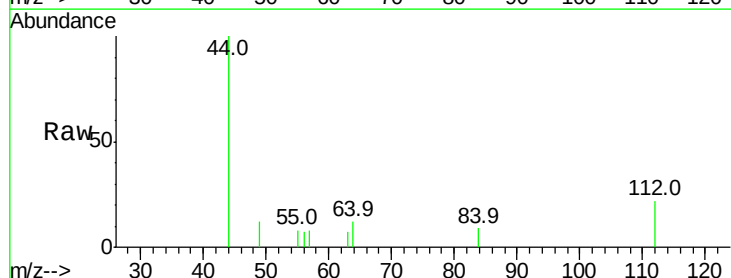
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



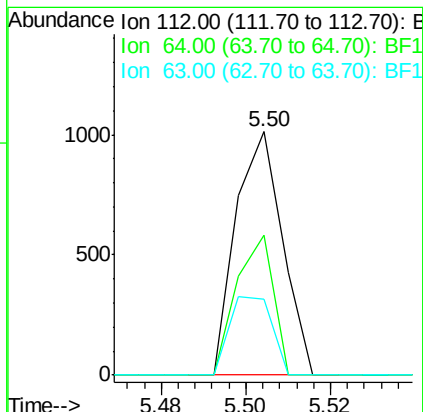
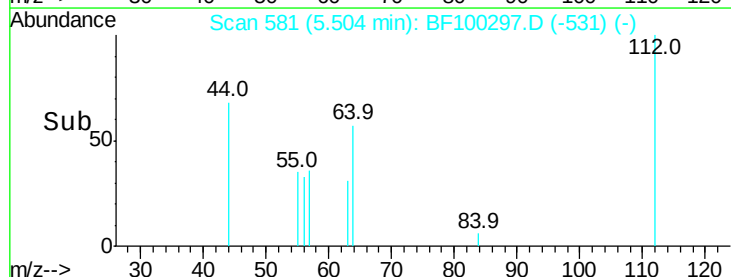
#5

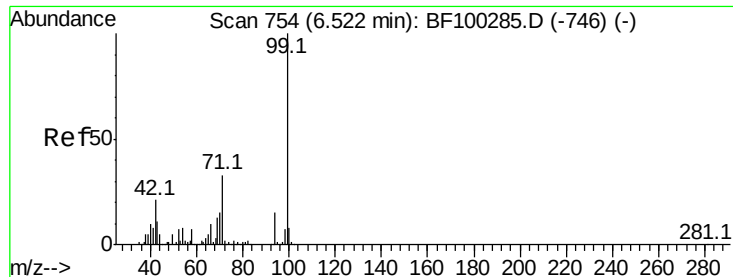
2-Fluorophenol
Concen: 0.065 ng
RT: 5.50 min Scan# 581
Delta R.T. -0.01 min
Lab File: BF100297.D
Acq: 8 Nov 2017 17:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.5	47.9	71.9
63	31.4	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: 0.084 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.02 min

Lab File: BF100297.D

Acq: 8 Nov 2017 17:49

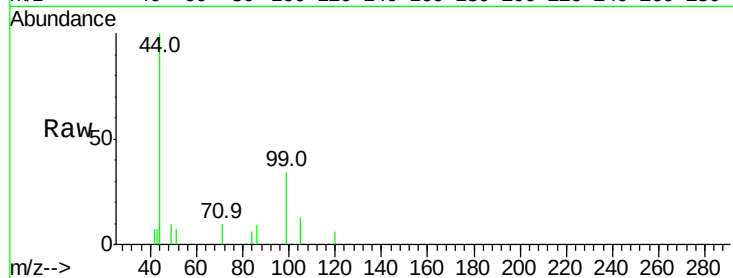
Tot Ion: 99 Resp: 1243

Ion Ratio Lower Upper

99 100

42 19.8 14.5 21.7

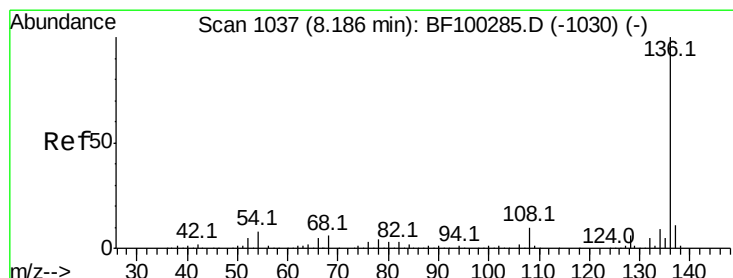
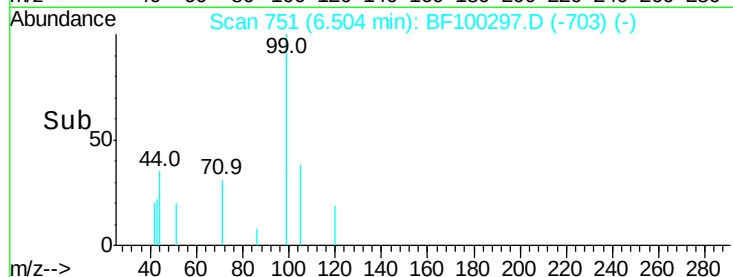
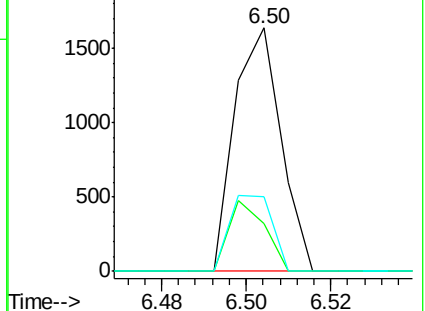
71 30.5 25.4 38.0



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: 20.000 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF100297.D

Acq: 8 Nov 2017 17:49

Tgt Ion: 136 Resp: 760960

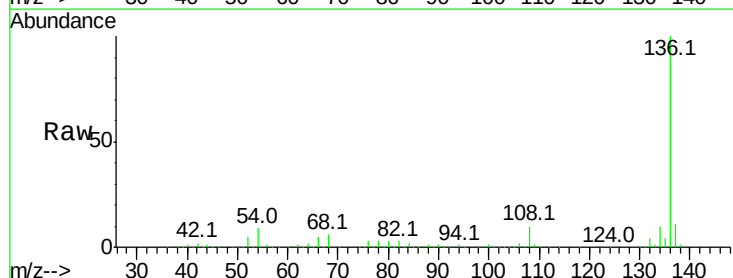
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 8.9 6.6 9.8

68 6.3 5.0 7.4

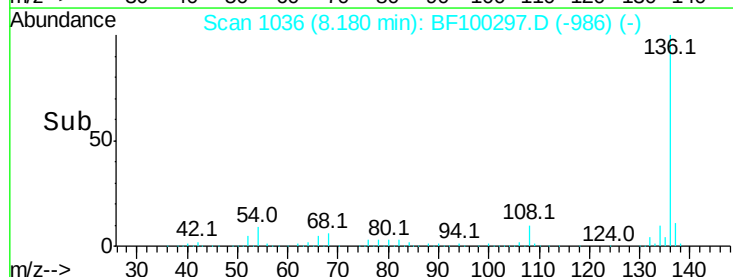
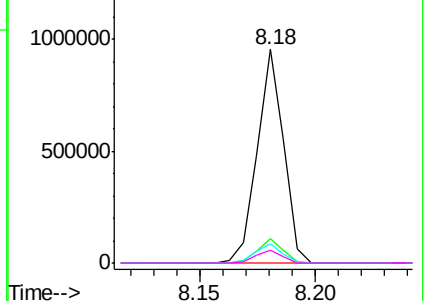


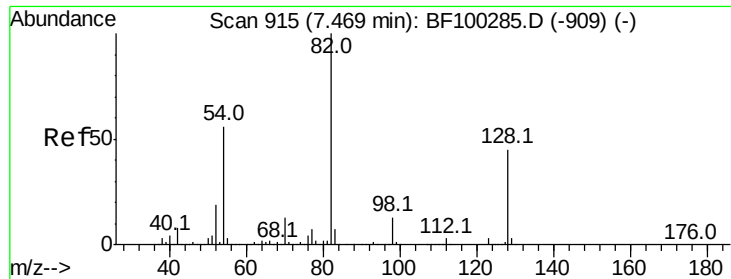
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

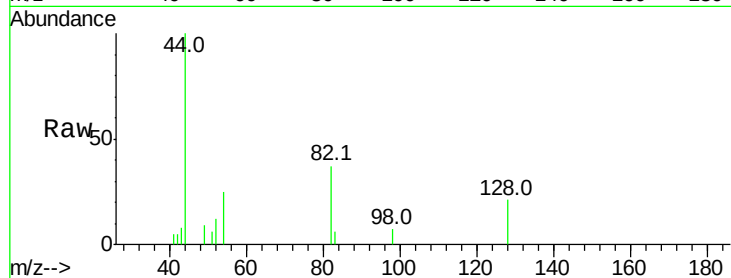
Ion 68.00 (67.70 to 68.70): BF1



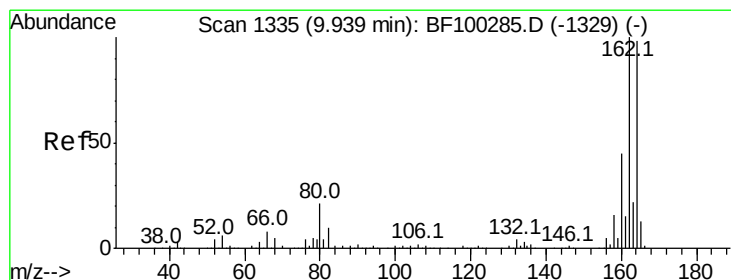
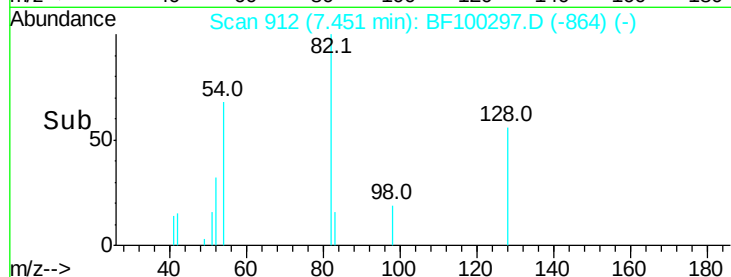
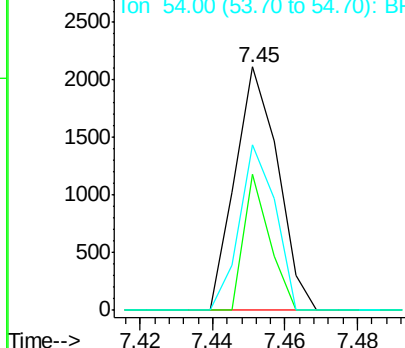


#23
Nitrobenzene-d5
Concen: 0.151 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.02 min
Lab File: BF100297.D
Acq: 8 Nov 2017 17:49

Tot Ion	82	Resp	1737
Ion	Ratio	Lower	Upper
82	100		
128	55.7	36.1	54.1#
54	68.1	41.4	62.2#

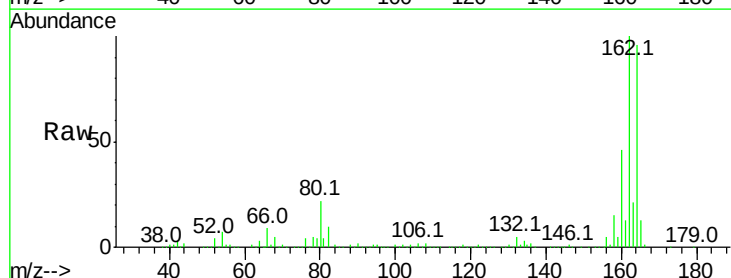


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

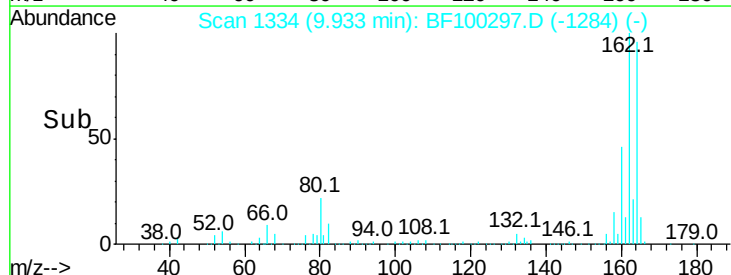
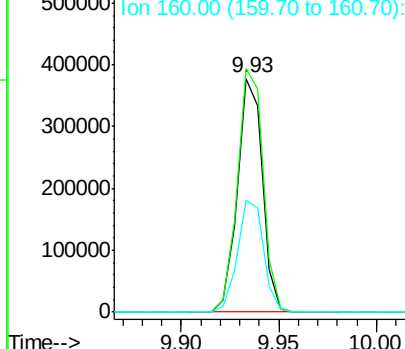


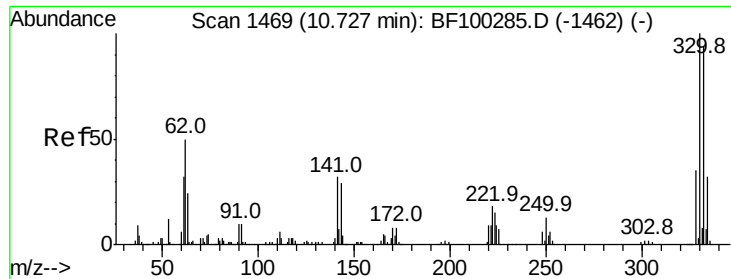
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF100297.D
Acq: 8 Nov 2017 17:49

Tgt Ion	164	Resp	334733
Ion	Ratio	Lower	Upper
164	100		
162	104.2	86.1	129.1
160	47.7	38.3	57.5



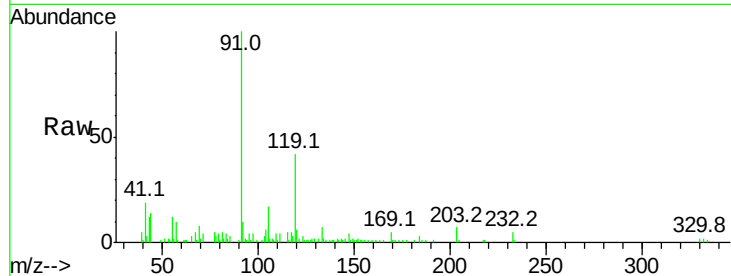
Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1





#41
 2,4,6-Tribromophenol
 Concen: 0.219 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF100297.D
 Acq: 8 Nov 2017 17:49

Tot Ion	Ratio	Lower	Upper
330	100		
332	113.4	77.0	115.6
141	66.7	29.9	44.9

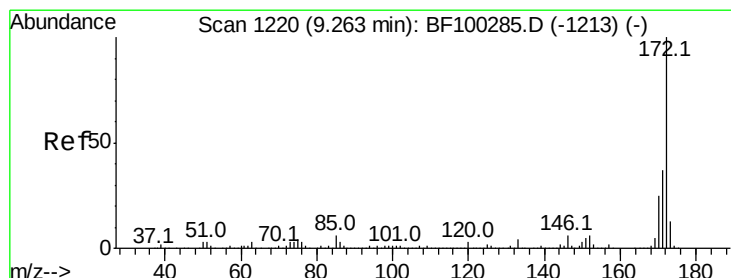
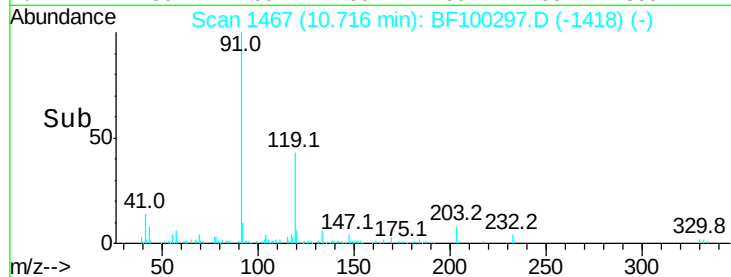
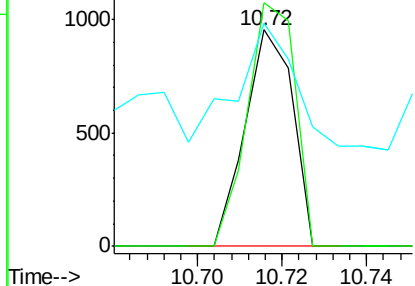


Abundance

Ion 329.80 (329.50 to 330.50): E

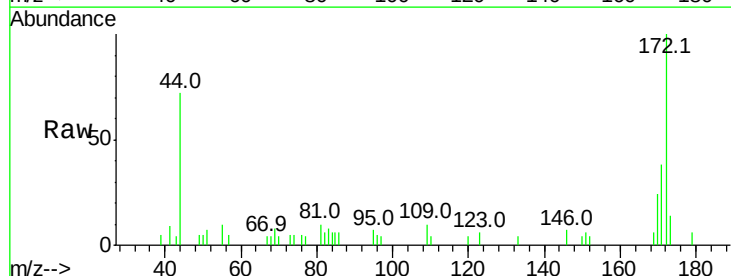
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 0.285 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF100297.D
 Acq: 8 Nov 2017 17:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	29.7	44.5
170	24.2	19.6	29.4

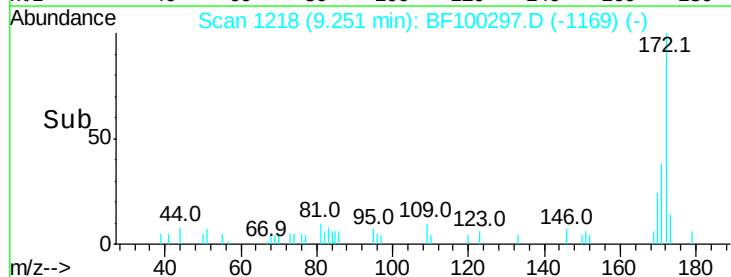
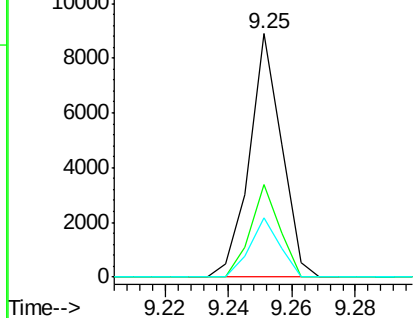


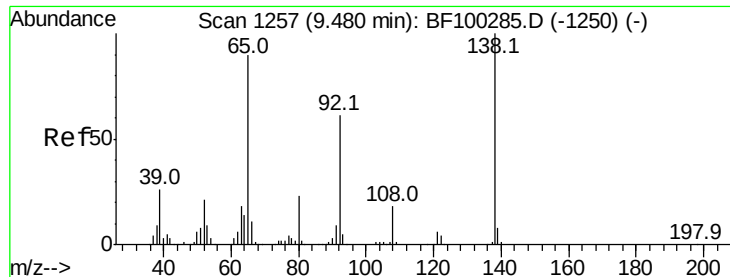
Abundance

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: 2.802 ng

RT: 9.59 min Scan# 1275

Delta R.T. 0.11 min

Lab File: BF100297.D

Acq: 8 Nov 2017 17:49

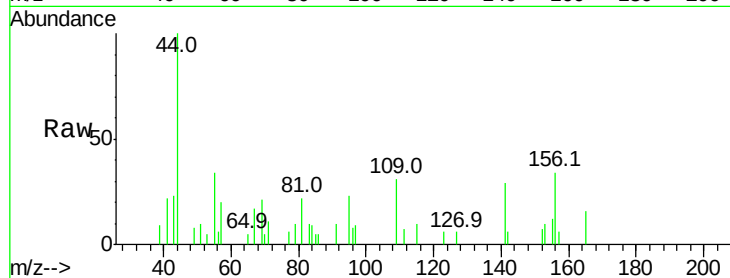
Tot Ion: 65 Resp: 116

Ion Ratio Lower Upper

65 100

92 0.0 55.8 83.6#

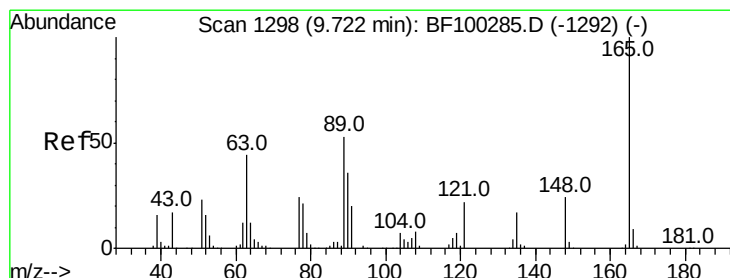
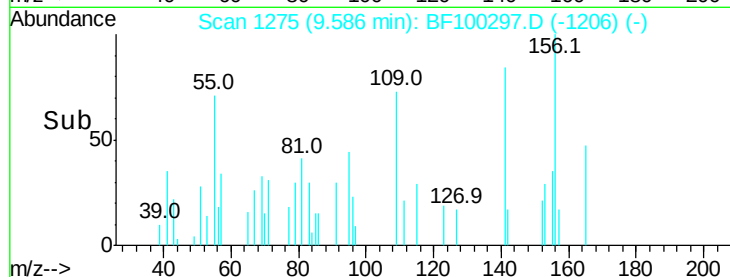
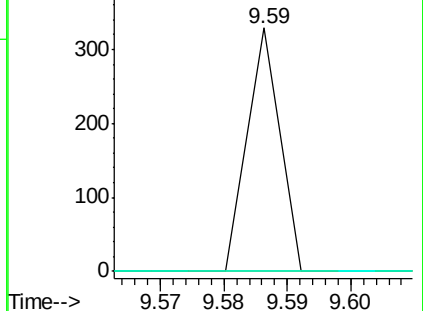
138 0.0 91.2 136.8#



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



#50

2,6-Dinitrotoluene

Concen: 8.924 ng

RT: 9.93 min Scan# 1334

Delta R.T. 0.21 min

Lab File: BF100297.D

Acq: 8 Nov 2017 17:49

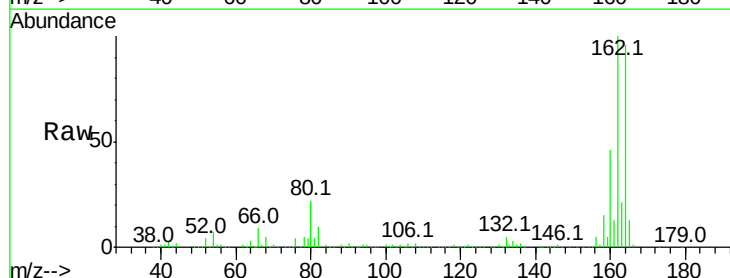
Tgt Ion: 165 Resp: 45146

Ion Ratio Lower Upper

165 100

63 1.3 44.7 67.1#

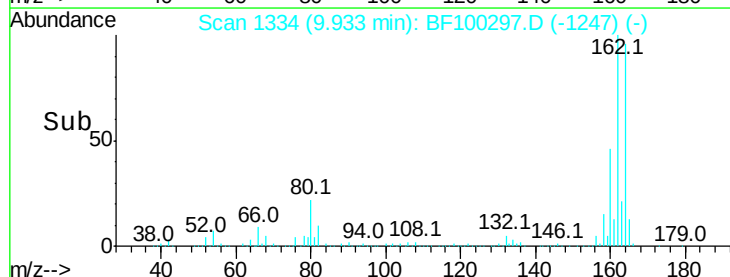
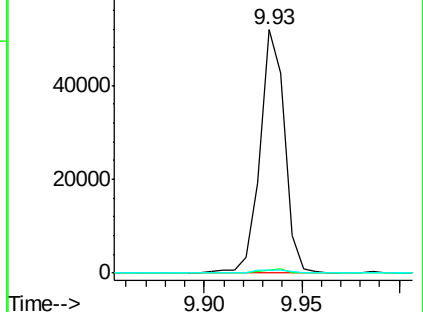
89 1.2 44.0 66.0#

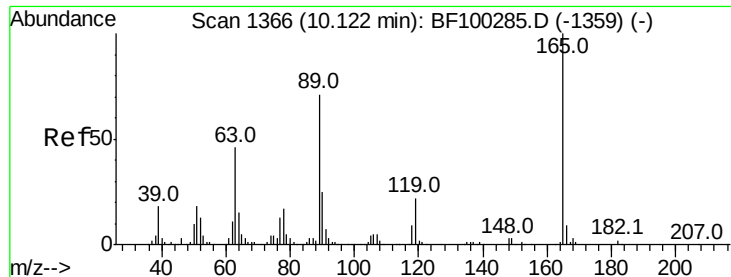


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

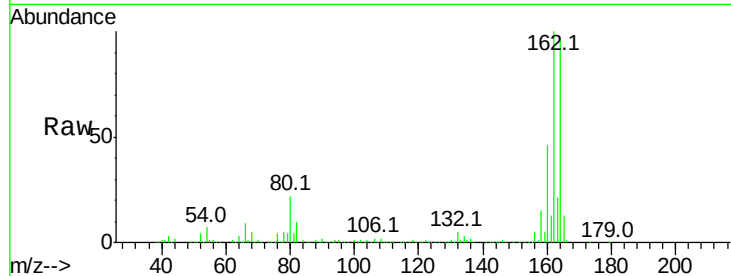
Ion 89.00 (88.70 to 89.70): BF1





#56
2,4-Dinitrotoluene
Concen: 7.074 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.19 min
Lab File: BF100297.D
Acq: 8 Nov 2017 17:49

Tot Ion:	165	Resp:	45146
Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#

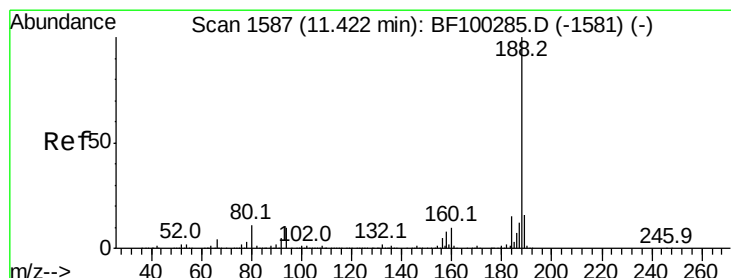
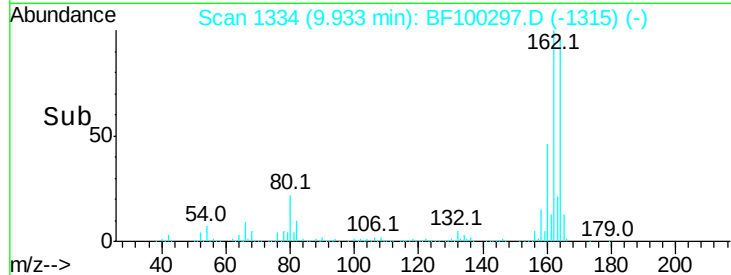
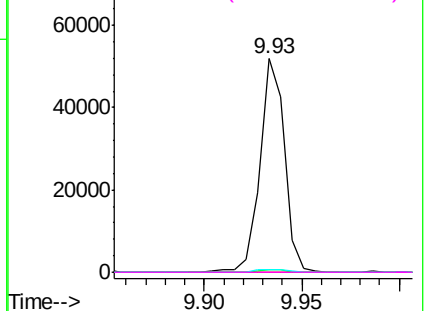


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

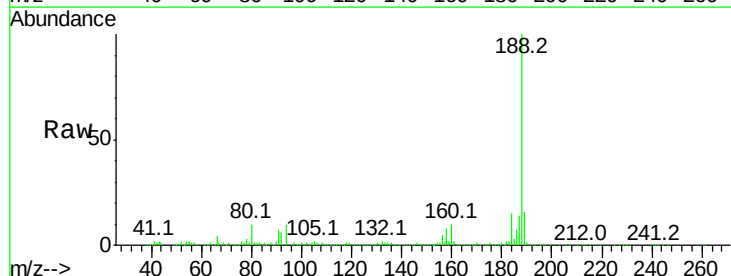
Ion 89.00 (88.70 to 89.70): BF1

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: BF100297.D
Acq: 8 Nov 2017 17:49

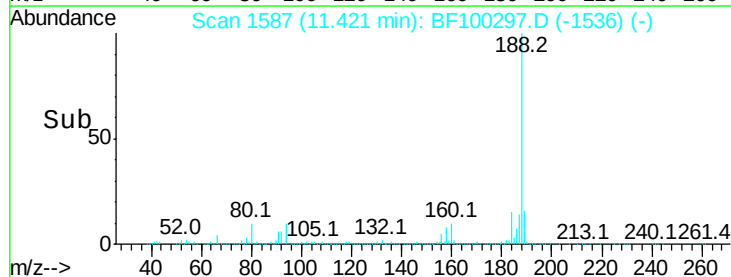
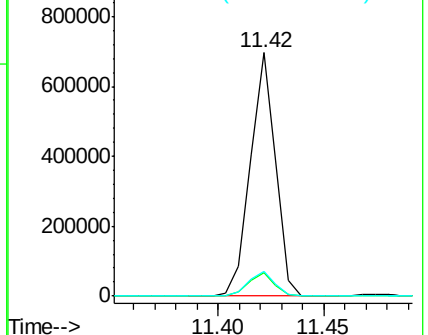
Tgt Ion:	188	Resp:	577069
Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.5	12.7
80	10.4	9.2	13.8

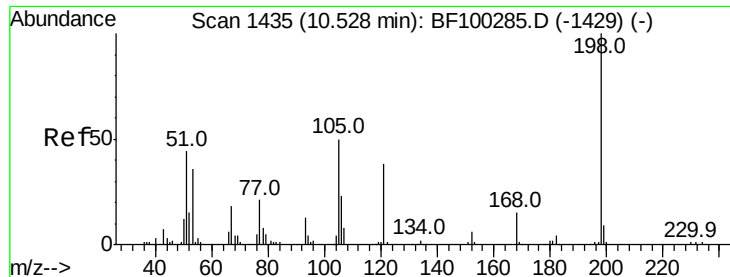


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

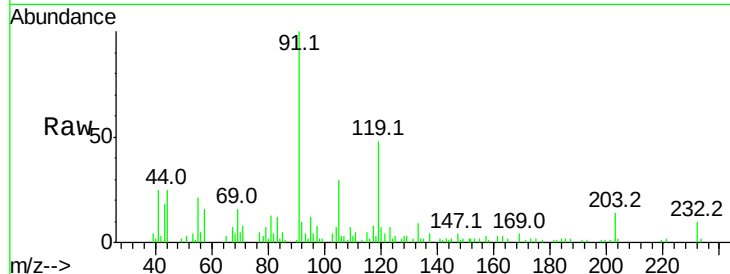
Ion 80.00 (79.70 to 80.70): BF1



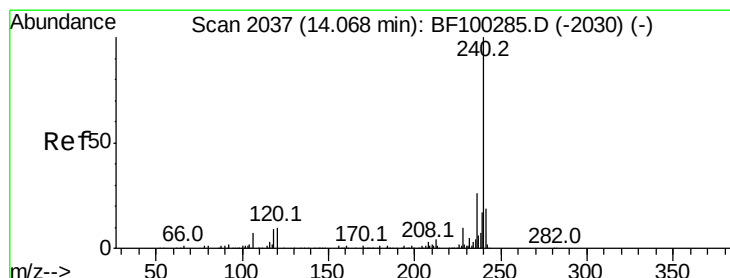
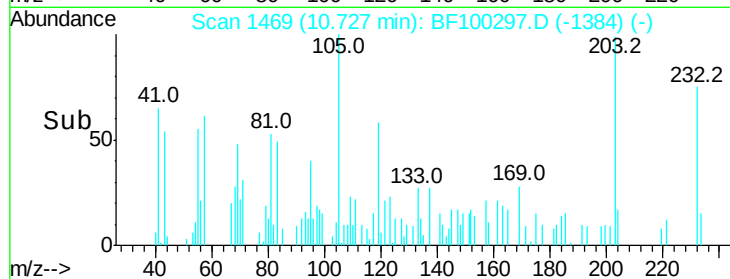
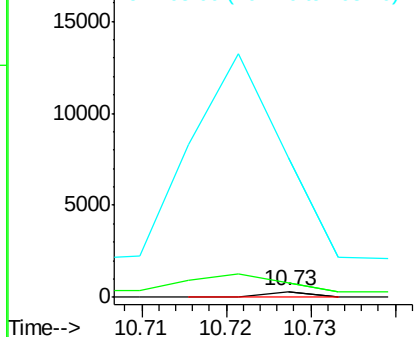


#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.602 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. 0.20 min
 Lab File: BF100297.D
 Acq: 8 Nov 2017 17:49

Tot Ion:198 Resp: 112
 Ion Ratio Lower Upper
 198 100
 51 236.8 37.7 77.7#
 105 2396.5 36.3 76.3#

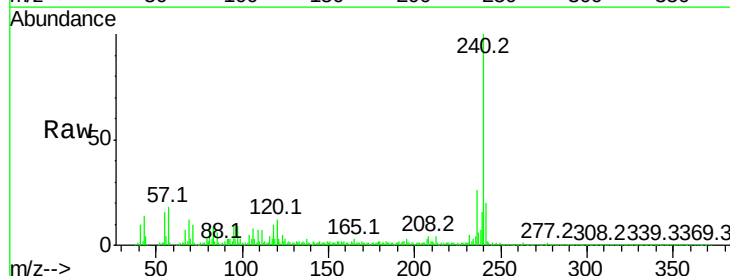


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

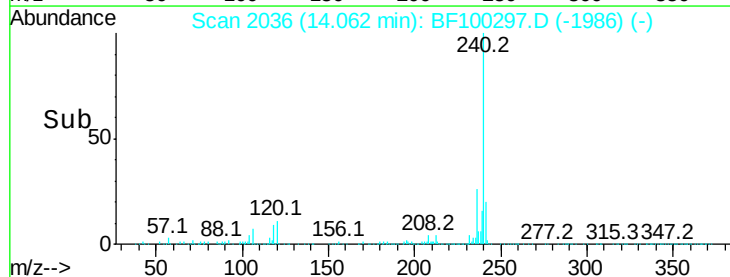
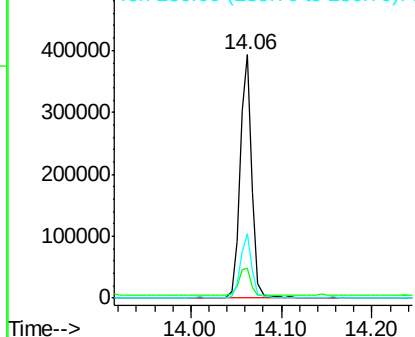


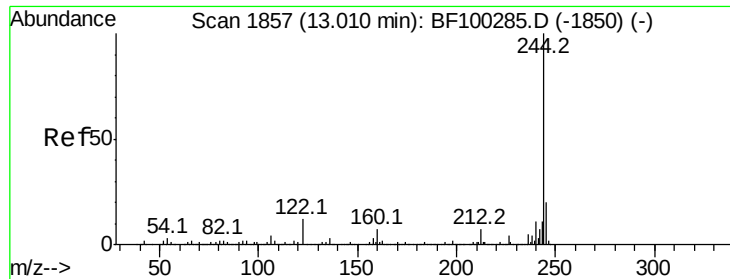
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: BF100297.D
 Acq: 8 Nov 2017 17:49

Tgt Ion:240 Resp: 355003
 Ion Ratio Lower Upper
 240 100
 120 12.4 9.5 14.3
 236 26.2 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: 0.428 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BF100297.D

Acq: 8 Nov 2017 17:49

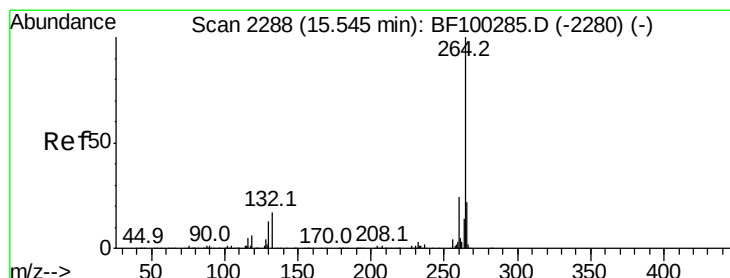
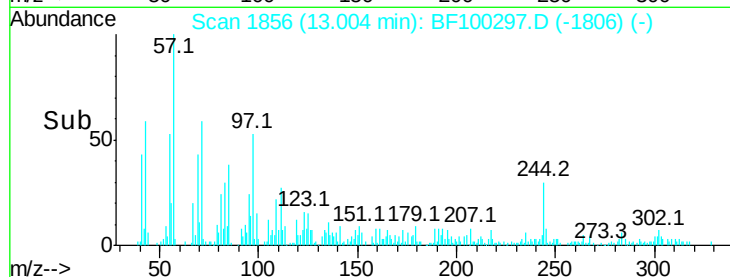
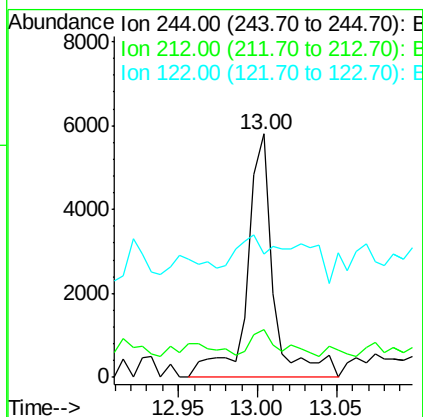
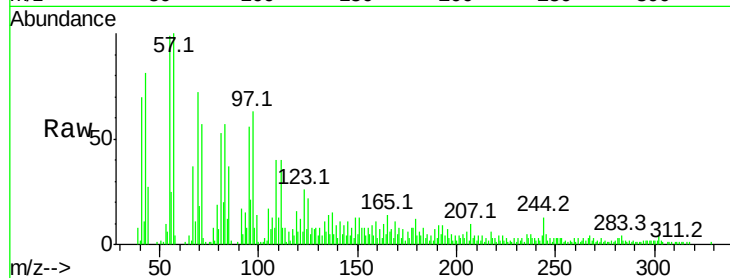
Tot Ion:244 Resp: 6610

Ion Ratio Lower Upper

244 100

212 19.8 5.4 8.0#

122 50.8 11.0 16.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.55 min Scan# 2289

Delta R.T. 0.01 min

Lab File: BF100297.D

Acq: 8 Nov 2017 17:49

Tgt Ion:264 Resp: 371680

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 22.2 17.5 26.3

