

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110817\
 Data File : BF100298.D
 Acq On : 8 Nov 2017 18:16
 Operator : SJ/JU
 Sample : I6338-02 100X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 08 18:43:35 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	179543	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	708635	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	315867	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	485064	20.00	ng	0.00
75) Chrysene-d12	14.06	240	294632	20.00	ng	0.00
86) Perylene-d12	15.55	264	379058	20.00	ng	0.00

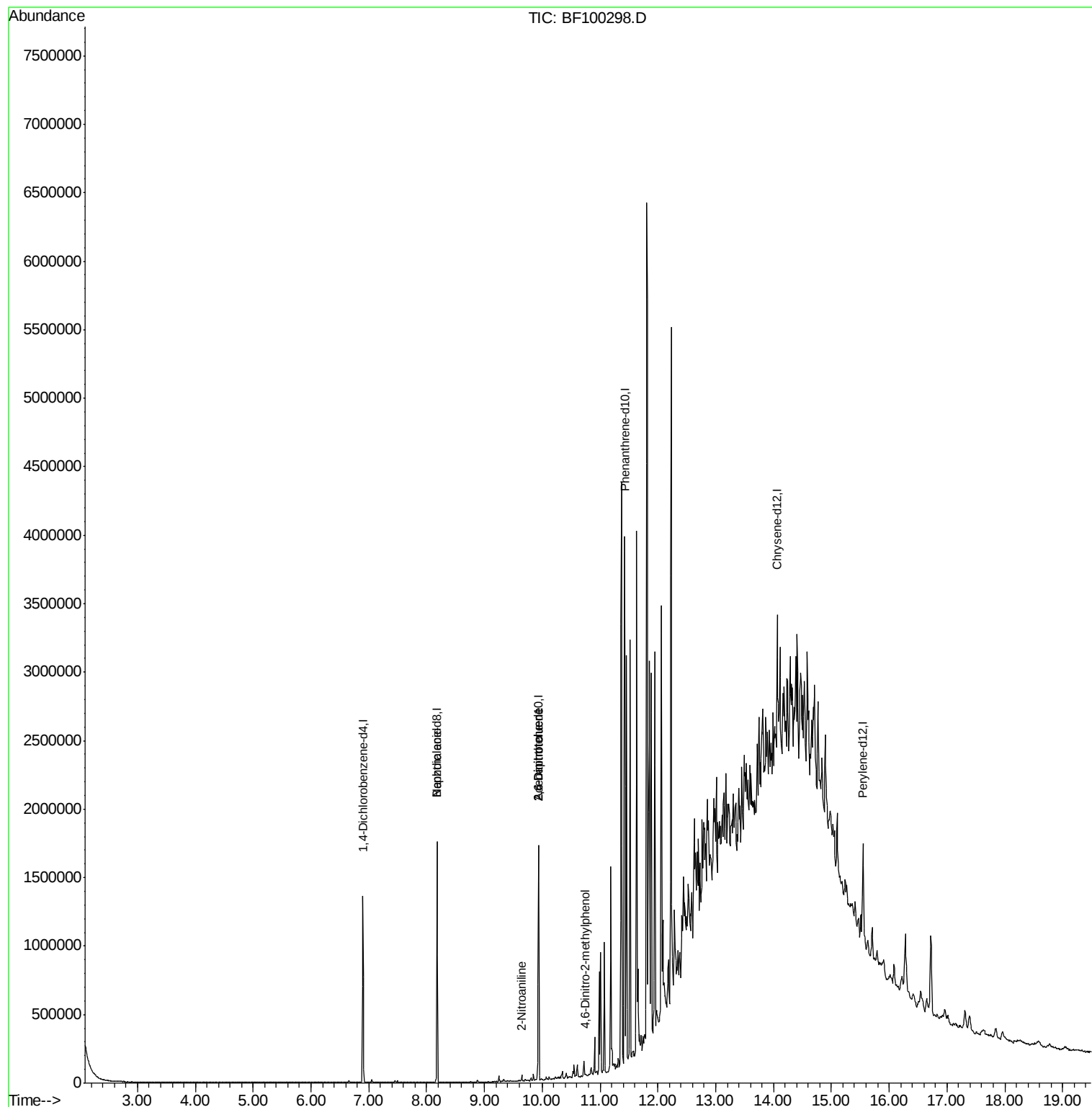
System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	1327	0.12	ng	0.00
7) Phenol-d6	6.50	99	1215	0.09	ng	-0.02
23) Nitrobenzene-d5	7.45	82	2961	0.28	ng	-0.02
41) 2,4,6-Tribromophenol	10.72	330	1088	0.34	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	10814	0.52	ng	-0.01
78) Terphenyl-d14	13.00	244	8369	0.65	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
32) Benzoic acid	8.18	122	110	9.382	ng	# 1
47) 2-Nitroaniline	9.65	65	287	2.830	ng	# 60
50) 2,6-Dinitrotoluene	9.93	165	39861	8.350	ng	# 25
56) 2,4-Dinitrotoluene	9.93	165	39861	6.619	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.75	198	285	8.666	ng	# 1

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

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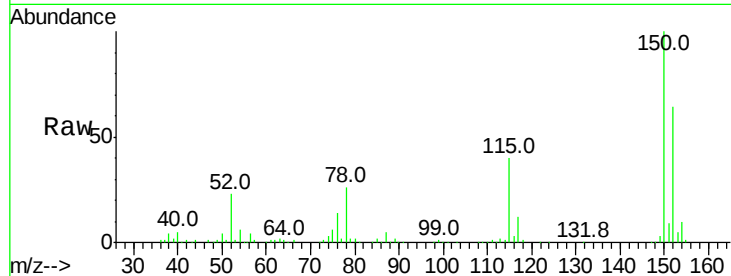




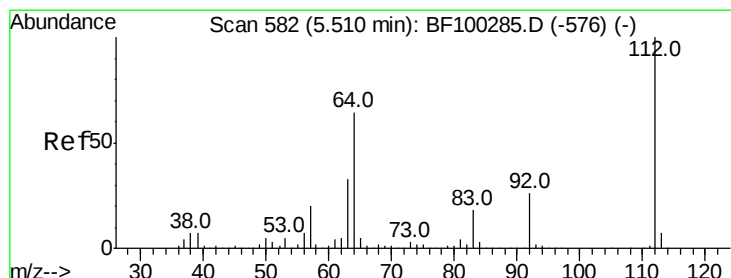
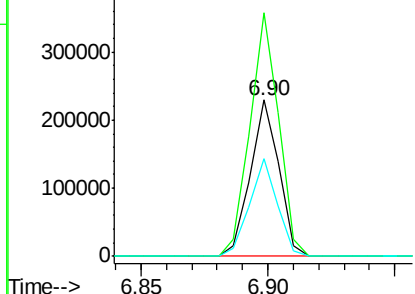
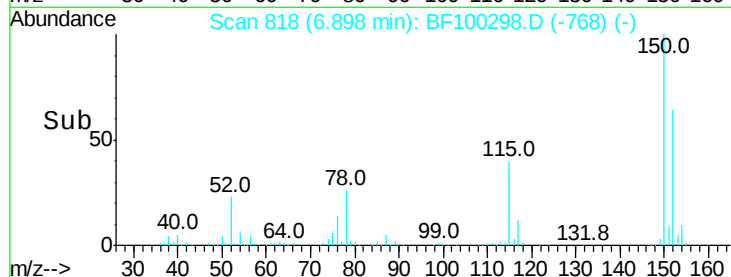
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF100298.D
Acq: 8 Nov 2017 18:16

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.6	186.8
115	62.3	50.1	75.1



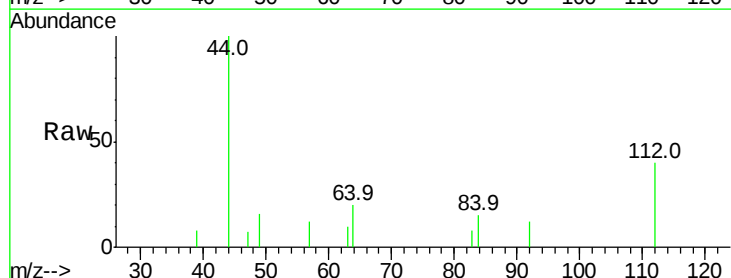
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



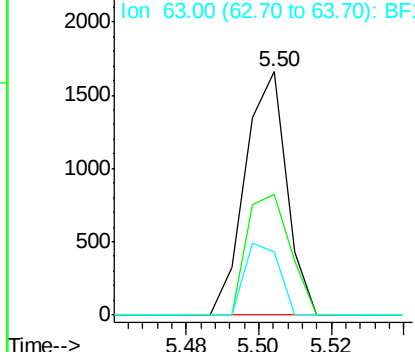
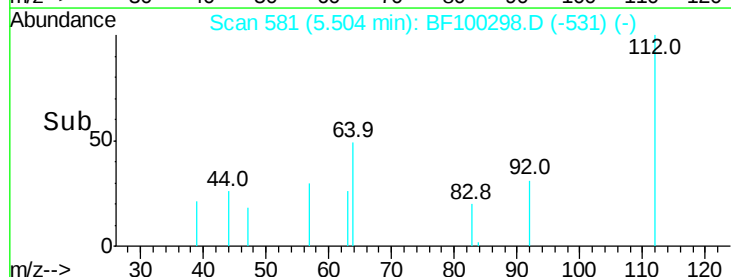
#5

2-Fluorophenol
Concen: 0.118 ng
RT: 5.50 min Scan# 581
Delta R.T. -0.01 min
Lab File: BF100298.D
Acq: 8 Nov 2017 18:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.4	47.9	71.9
63	25.8	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: 0.088 ng

RT: 6.50 min Scan# 750

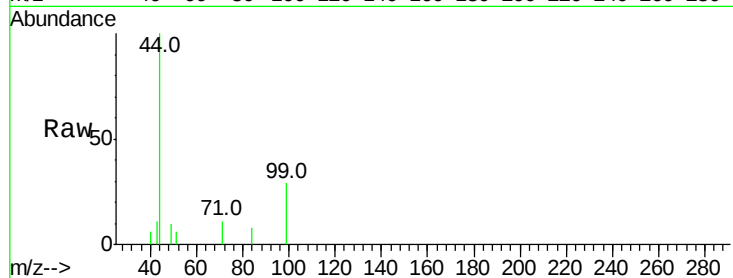
Delta R.T. -0.02 min

Lab File: BF100298.D

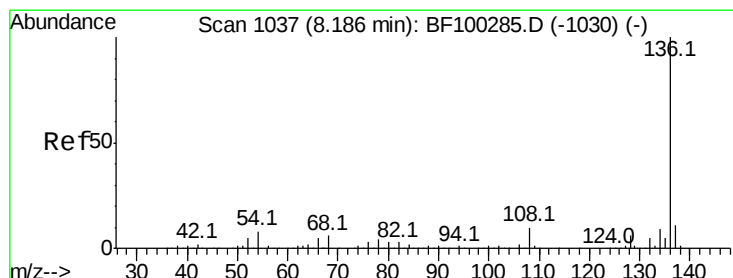
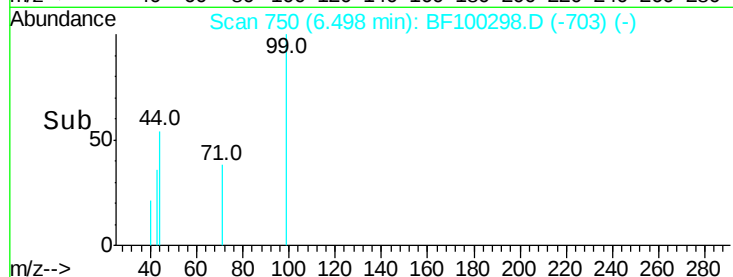
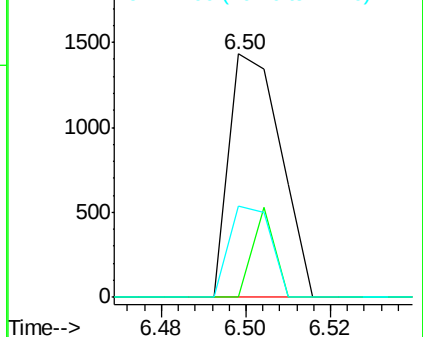
Acq: 8 Nov 2017 18:16

Tot Ion: 99 Resp: 1215

Ion	Ratio	Lower	Upper
99	100		
42	0.0	14.5	21.7#
71	37.8	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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.01 min

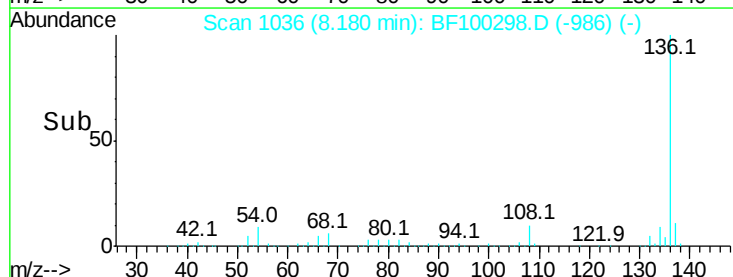
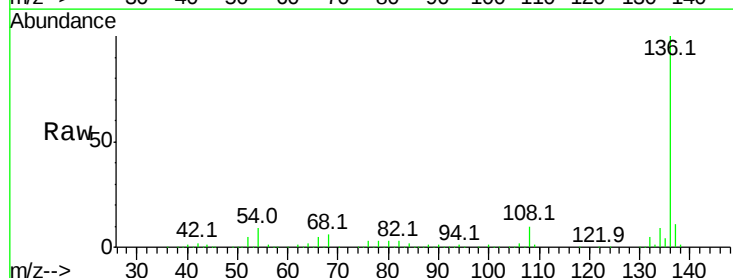
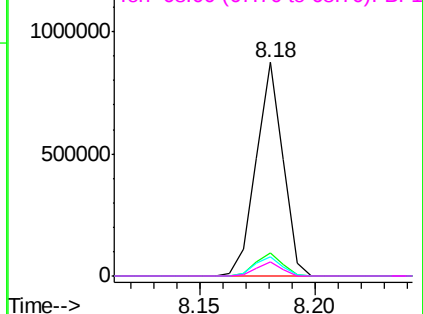
Lab File: BF100298.D

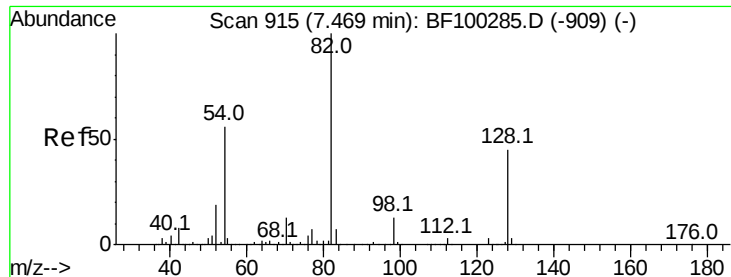
Acq: 8 Nov 2017 18:16

Tgt Ion: 136 Resp: 708635

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.1	6.6	9.8
68	6.5	5.0	7.4

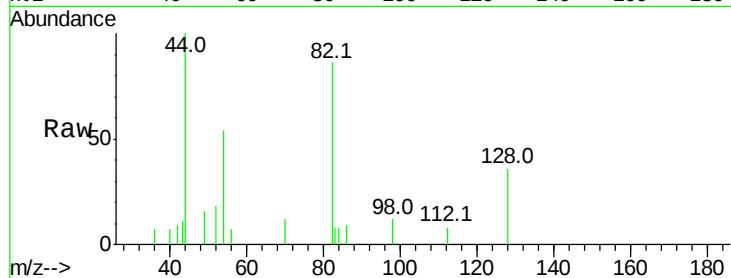
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1



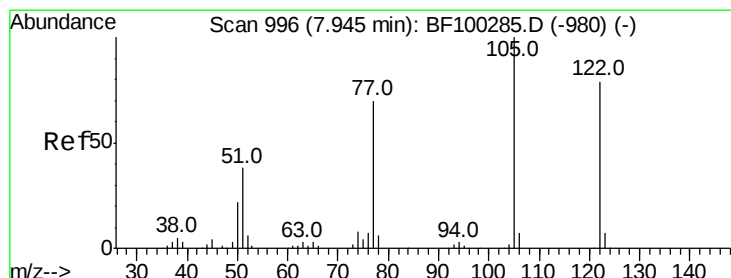
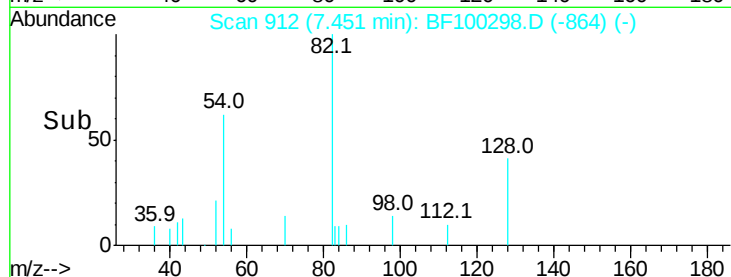
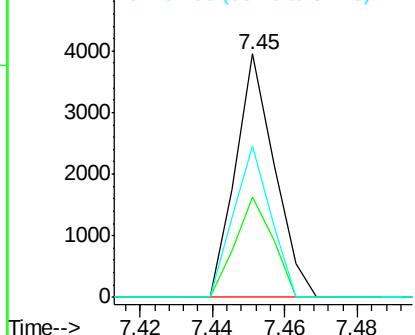


#23
Nitrobenzene-d5
Concen: 0.276 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.02 min
Lab File: BF100298.D
Acq: 8 Nov 2017 18:16

Tot Ion: 82 Resp: 2961
Ion Ratio Lower Upper
82 100
128 41.4 36.1 54.1
54 62.3 41.4 62.2#

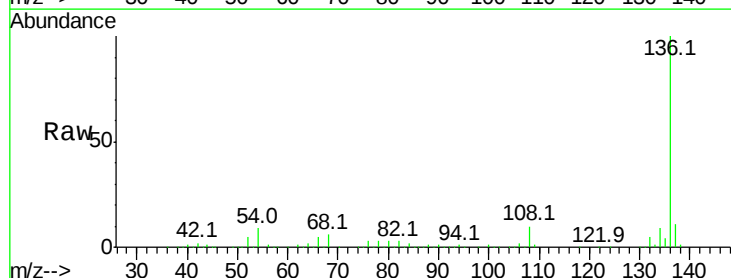


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

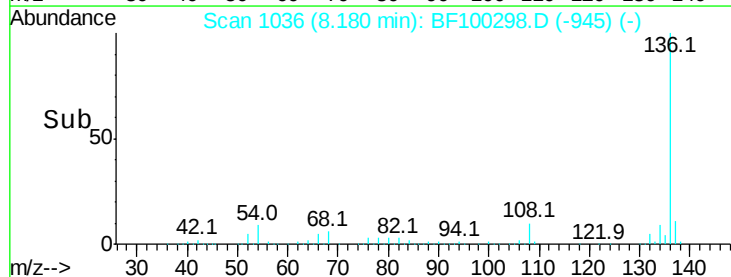
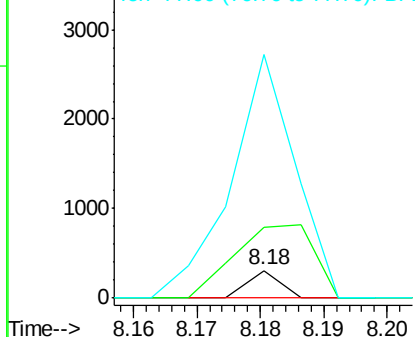


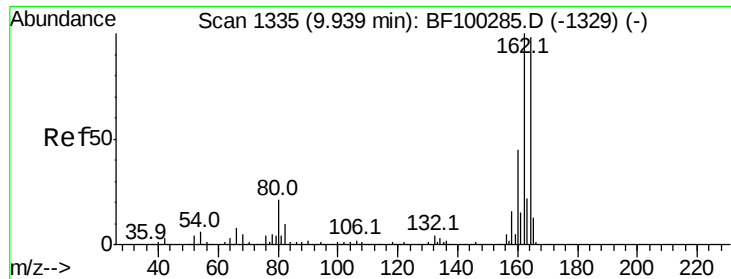
#32
Benzoic acid
Concen: 9.382 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.24 min
Lab File: BF100298.D
Acq: 8 Nov 2017 18:16

Tgt Ion: 122 Resp: 110
Ion Ratio Lower Upper
122 100
105 254.3 101.1 141.1#
77 874.9 70.7 110.7#



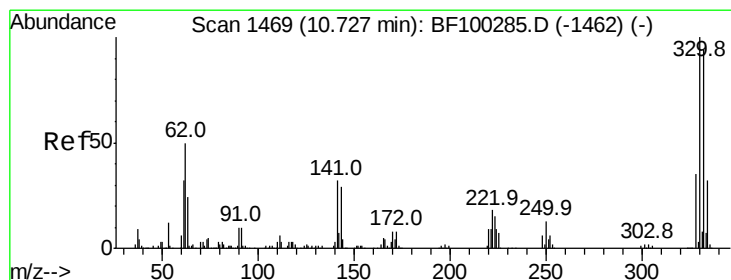
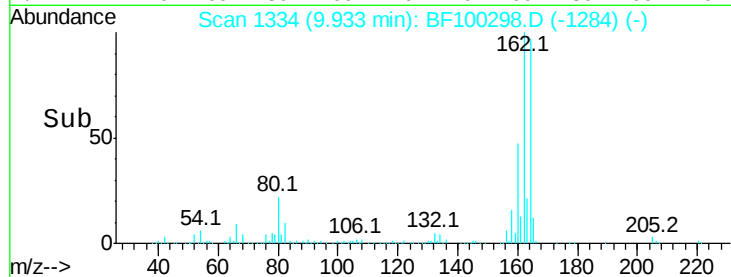
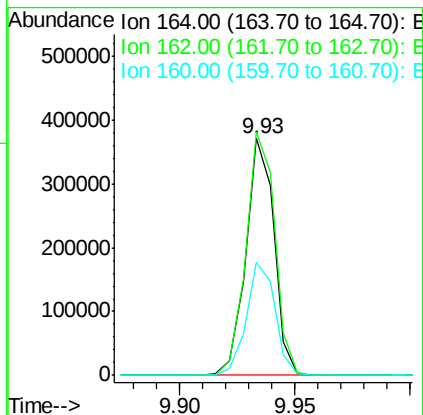
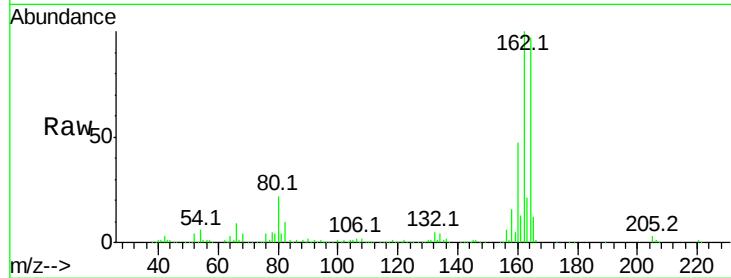
Abundance Ion 122.00 (121.70 to 122.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 77.00 (76.70 to 77.70): BF1





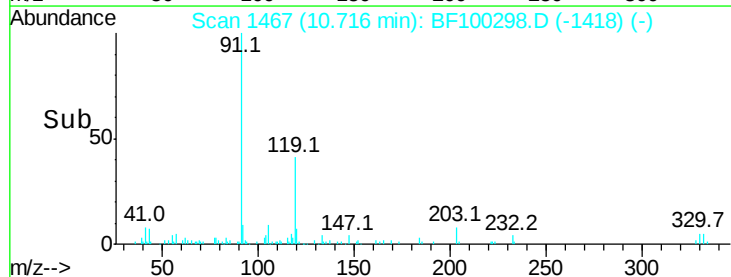
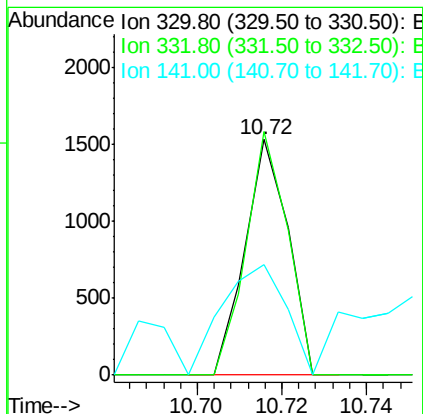
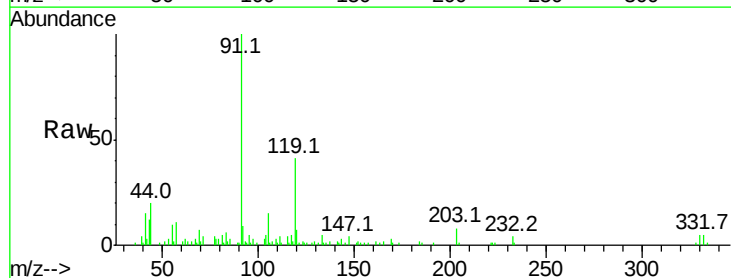
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.01 min
 Lab File: BF100298.D
 Acq: 8 Nov 2017 18:16

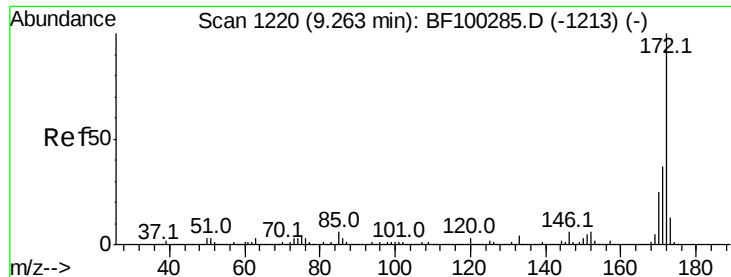
Tot Ion:164 Resp: 315867
 Ion Ratio Lower Upper
 164 100
 162 102.8 86.1 129.1
 160 47.9 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 0.338 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF100298.D
 Acq: 8 Nov 2017 18:16

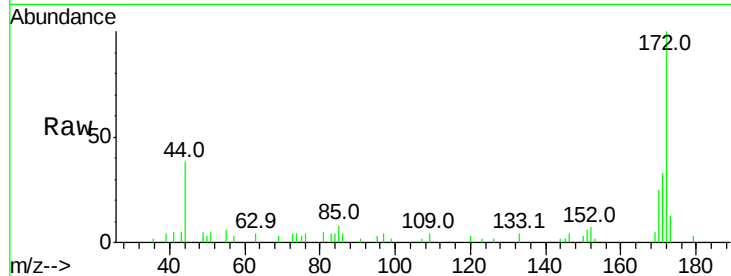
Tgt Ion:330 Resp: 1088
 Ion Ratio Lower Upper
 330 100
 332 98.8 77.0 115.6
 141 69.3 29.9 44.9#



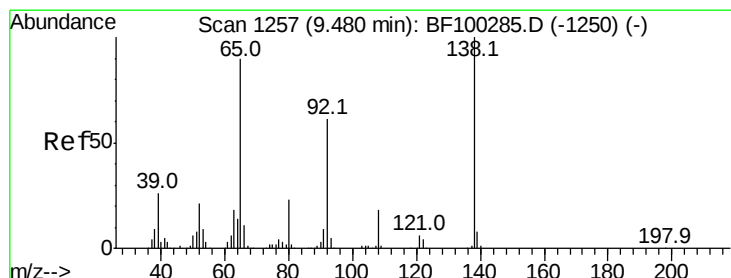
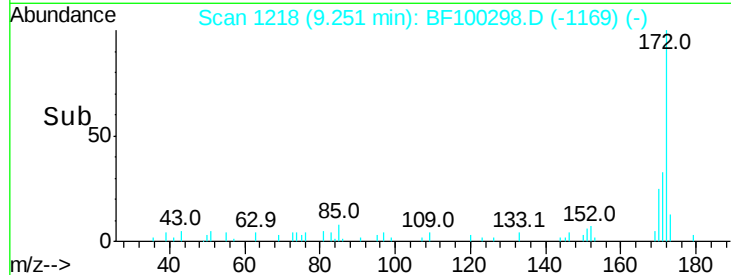
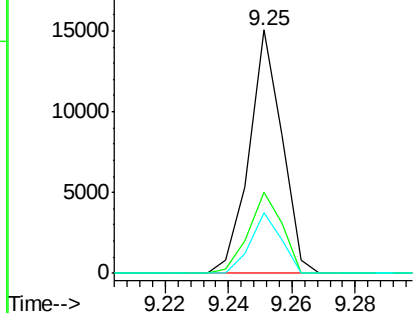


#44
2-Fluorobiphenyl
Concen: 0.521 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF100298.D
Acq: 8 Nov 2017 18:16

Tot Ion:172 Resp: 10814
Ion Ratio Lower Upper
172 100
171 33.3 29.7 44.5
170 24.6 19.6 29.4

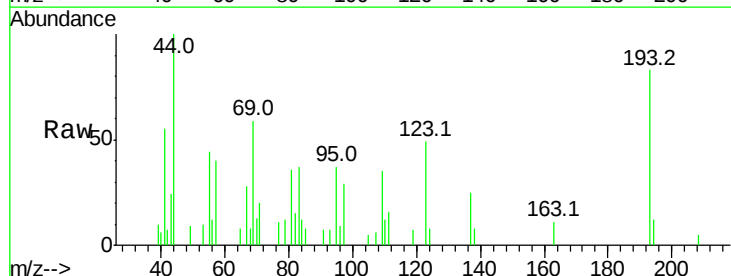


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

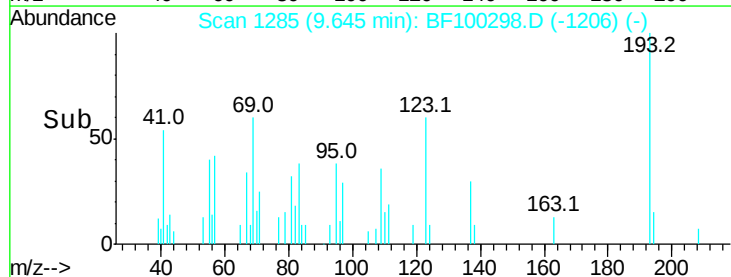
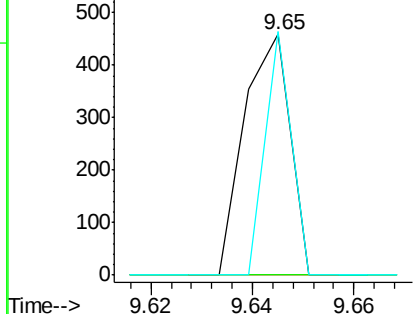


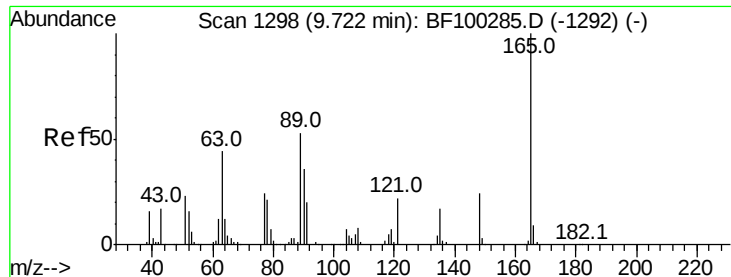
#47
2-Nitroaniline
Concen: 2.830 ng
RT: 9.65 min Scan# 1285
Delta R.T. 0.17 min
Lab File: BF100298.D
Acq: 8 Nov 2017 18:16

Tgt Ion: 65 Resp: 287
Ion Ratio Lower Upper
65 100
92 0.0 55.8 83.6#
138 101.1 91.2 136.8



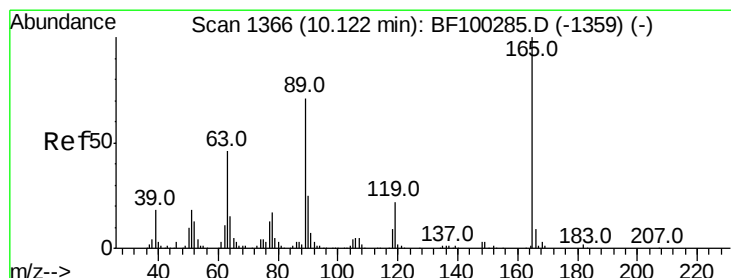
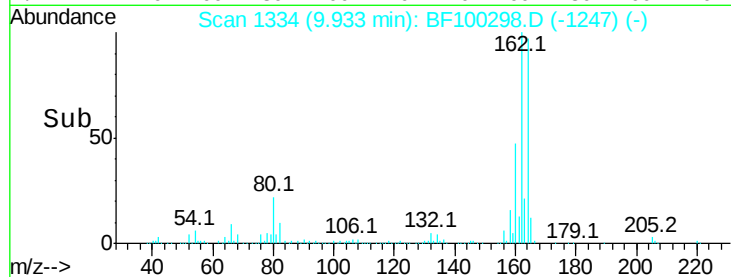
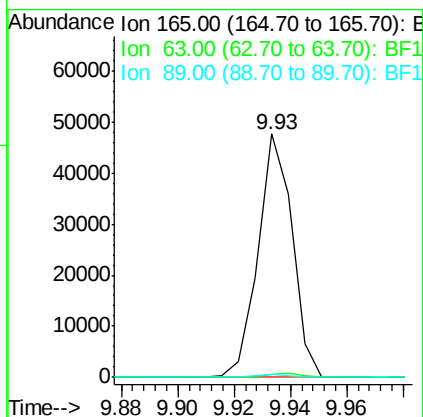
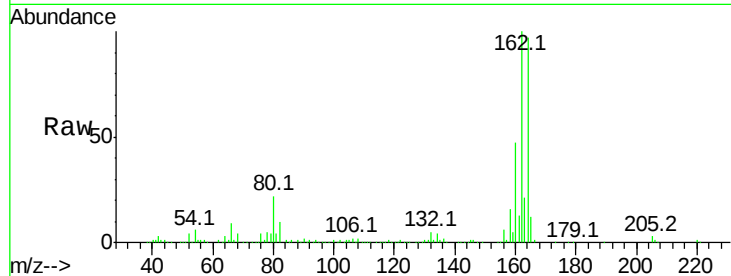
Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





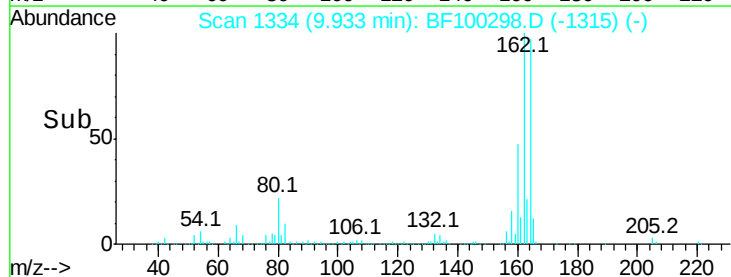
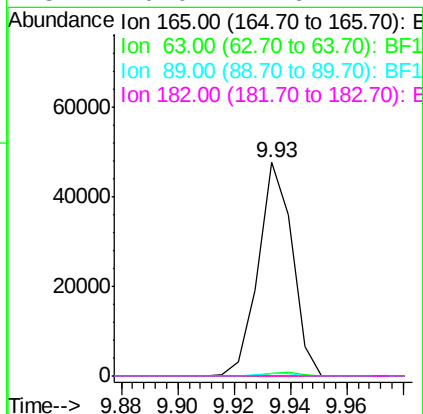
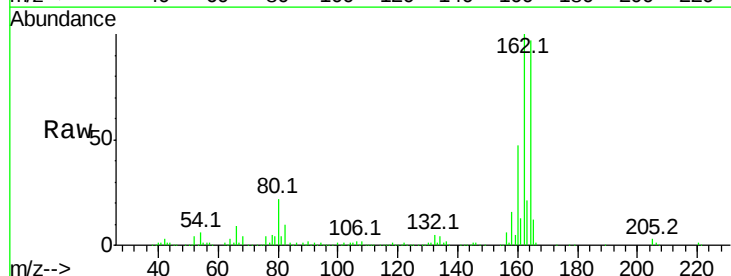
#50
 2,6-Dinitrotoluene
 Concen: 8.350 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. 0.21 min
 Lab File: BF100298.D
 Acq: 8 Nov 2017 18:16

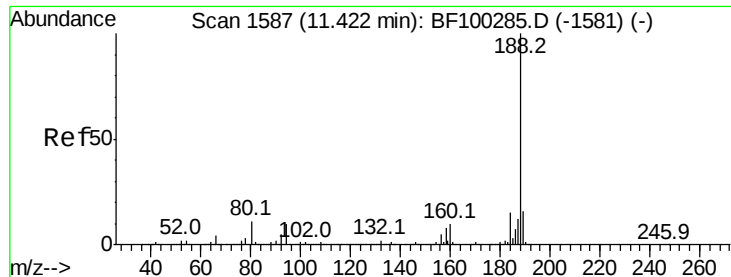
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.7	67.1#
89	1.2	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.619 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.19 min
 Lab File: BF100298.D
 Acq: 8 Nov 2017 18:16

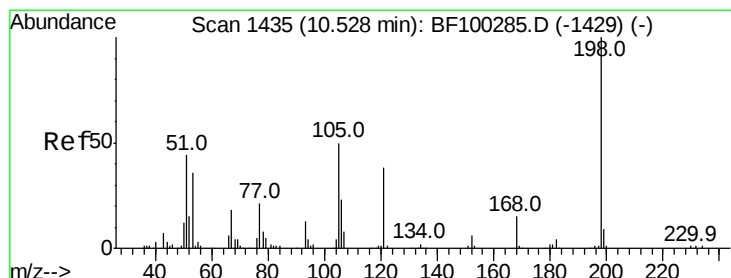
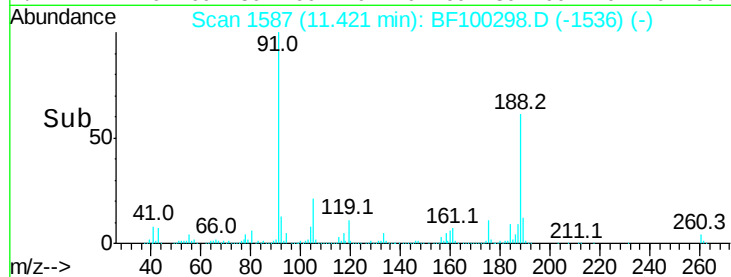
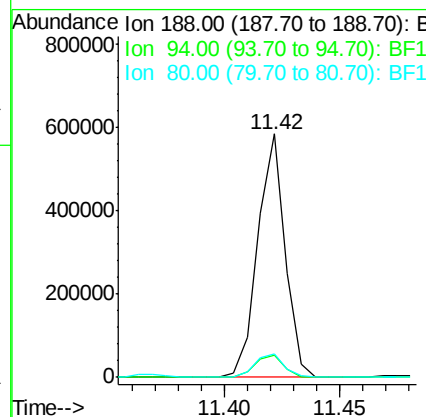
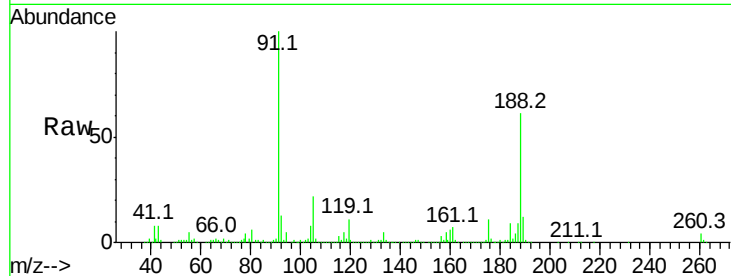
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#





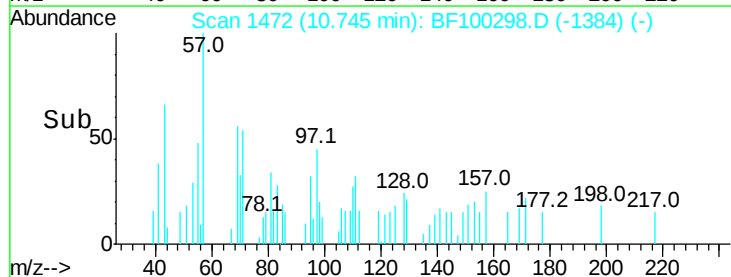
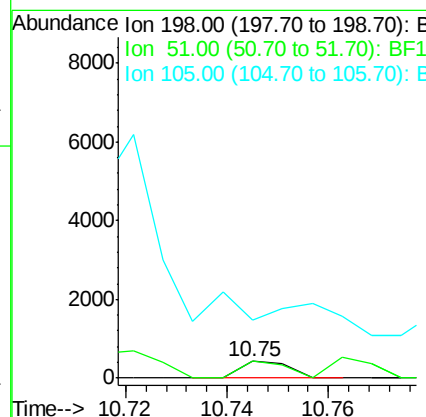
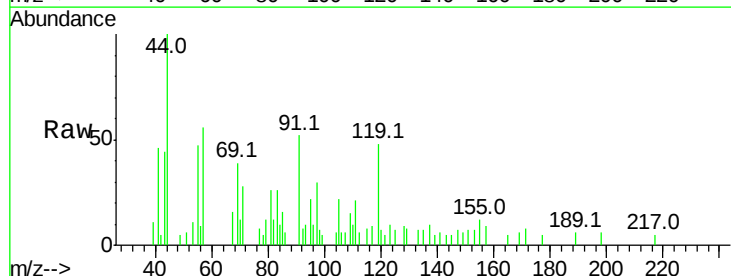
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.00 min
Lab File: BF100298.D
Acq: 8 Nov 2017 18:16

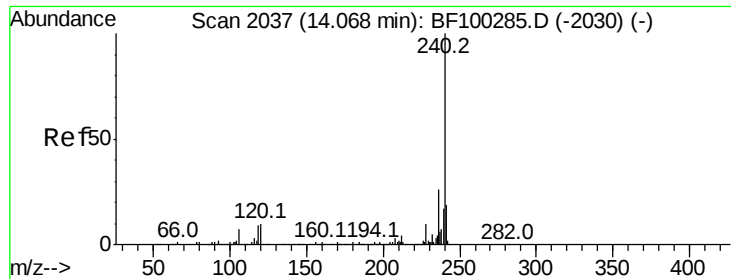
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.5	12.7
80	9.9	9.2	13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 8.666 ng
RT: 10.75 min Scan# 1472
Delta R.T. 0.22 min
Lab File: BF100298.D
Acq: 8 Nov 2017 18:16

Tgt Ion	Ratio	Lower	Upper
198	100		
51	100.0	37.7	77.7#
105	345.4	36.3	76.3#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF100298.D

Acq: 8 Nov 2017 18:16

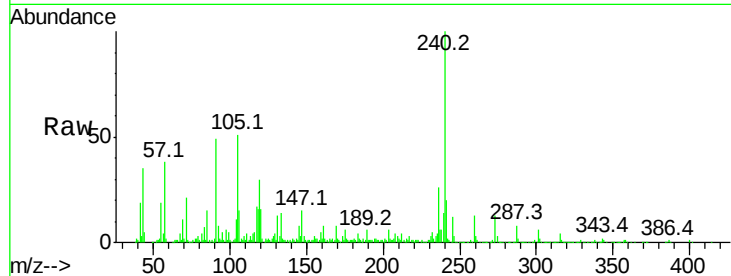
Tot Ion:240 Resp: 294632

Ion Ratio Lower Upper

240 100

120 15.9 9.5 14.3#

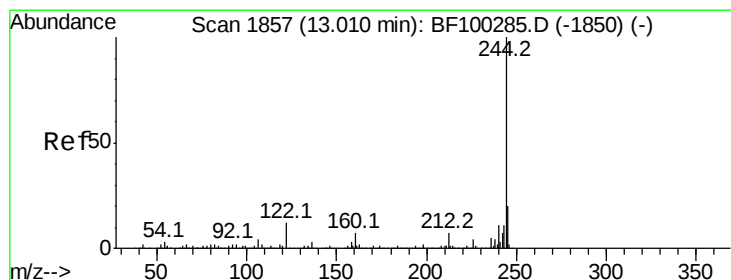
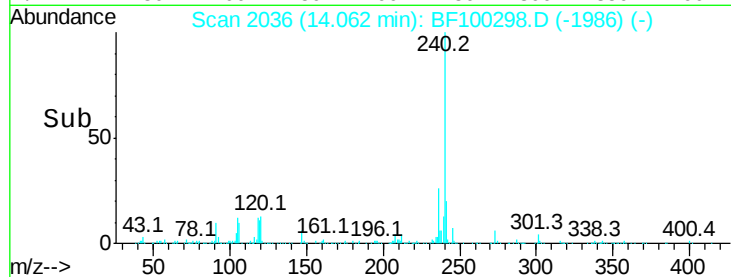
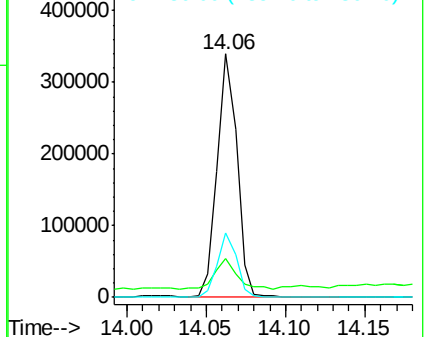
236 26.2 20.7 31.1



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: 0.653 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BF100298.D

Acq: 8 Nov 2017 18:16

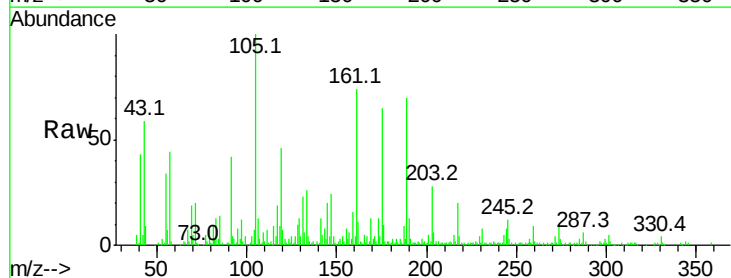
Tgt Ion:244 Resp: 8369

Ion Ratio Lower Upper

244 100

212 13.6 5.4 8.0#

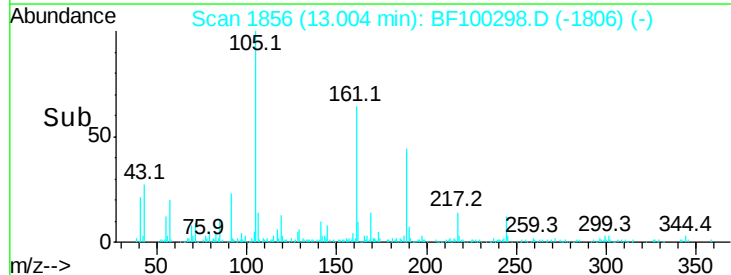
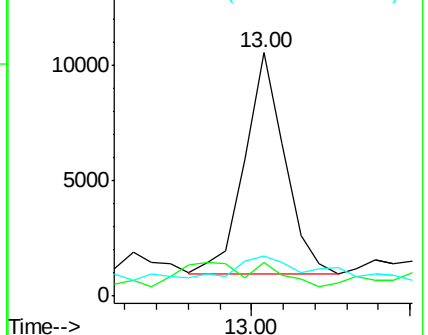
122 16.4 11.0 16.4

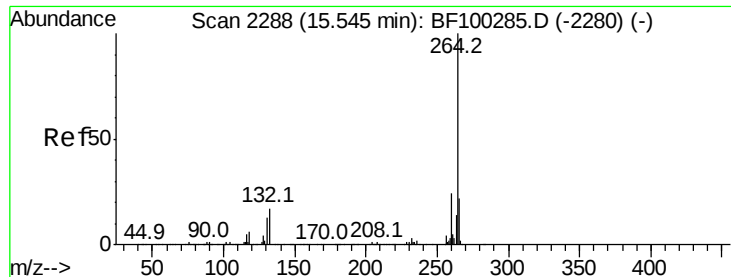


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.55 min Scan# 2289
Delta R.T. 0.01 min
Lab File: BF100298.D
Acq: 8 Nov 2017 18:16

Tot Ion:	264	Resp:	379058
Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.8	17.5	26.3

