

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110817\
 Data File : BF100295.D
 Acq On : 8 Nov 2017 16:55
 Operator : SJ/JU
 Sample : I6275-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

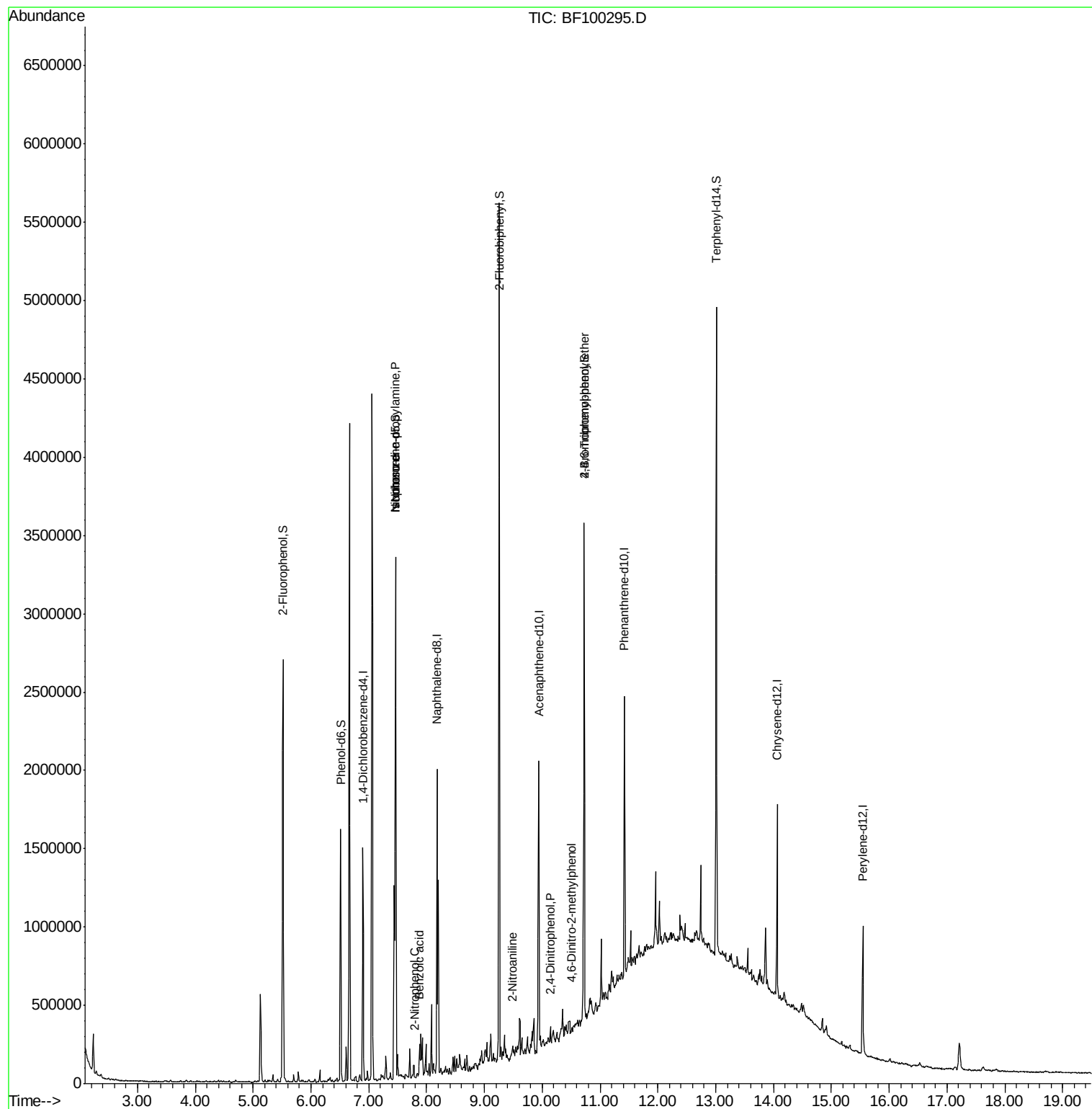
Quant Time: Nov 08 17:40:29 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 08 14:33:31 2017
 Response via : Initial Calibration

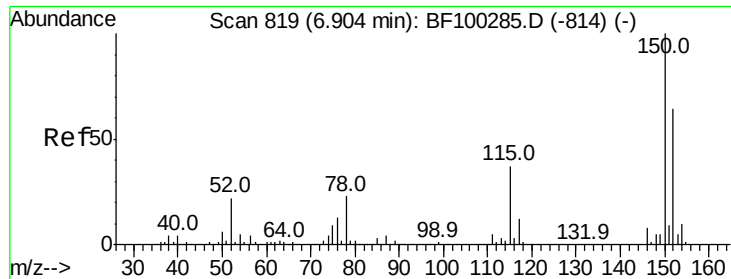
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	205007	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	880464	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	373938	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	651934	20.00	ng	0.00
75) Chrysene-d12	14.06	240	427802	20.00	ng	0.00
86) Perylene-d12	15.54	264	406133	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	716980	56.06	ng	0.00
7) Phenol-d6	6.52	99	558104	35.39	ng	0.00
23) Nitrobenzene-d5	7.46	82	1196176	89.82	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	455312	119.49	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	2107038	85.80	ng	0.00
78) Terphenyl-d14	13.02	244	1664718	89.41	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.46	70	164532	15.044	ng	# 84
25) Isophorone	7.46	82	1192746	42.620	ng	# 64
26) 2-Nitrophenol	7.79	139	318	5.423	ng	# 34
32) Benzoic acid	7.87	122	1175	9.469	ng	# 93
47) 2-Nitroaniline	9.49	65	430	2.842	ng	# 43
53) 2,4-Dinitrophenol	10.13	184	232	7.944	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.50	198	394	8.668	ng	# 1
66) 4-Bromophenyl-phenylether	10.73	248	29062	4.158	ng	# 1

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

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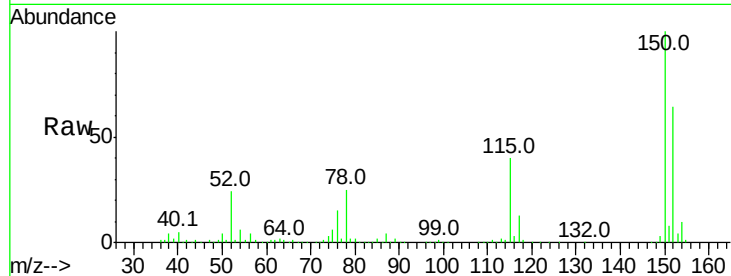




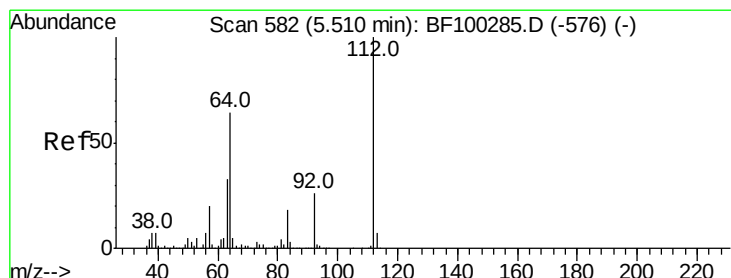
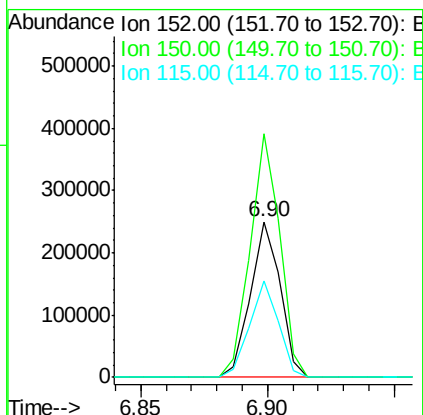
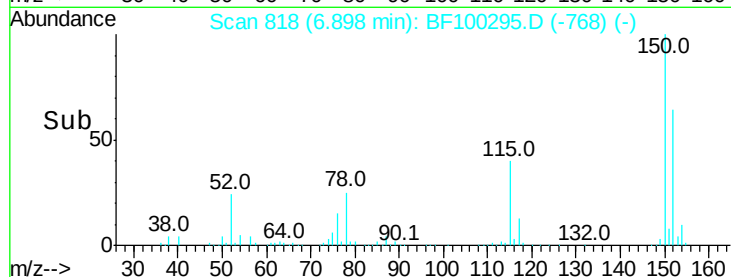
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF100295.D
Acq: 8 Nov 2017 16:55

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.6	186.8
115	62.5	50.1	75.1



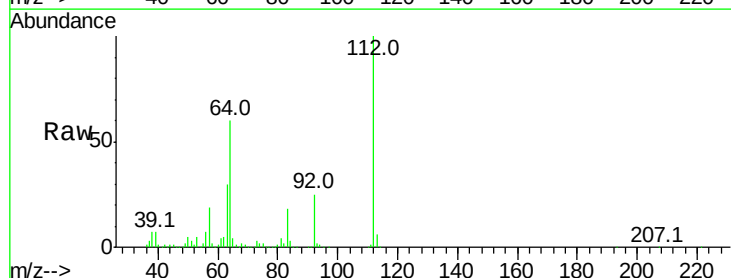
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



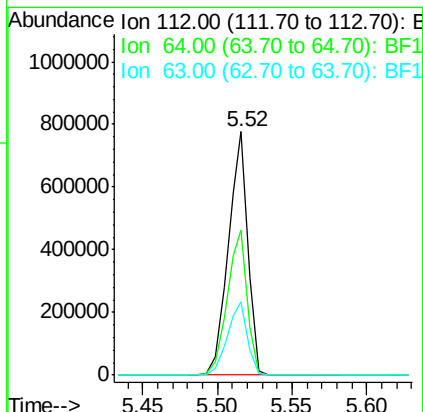
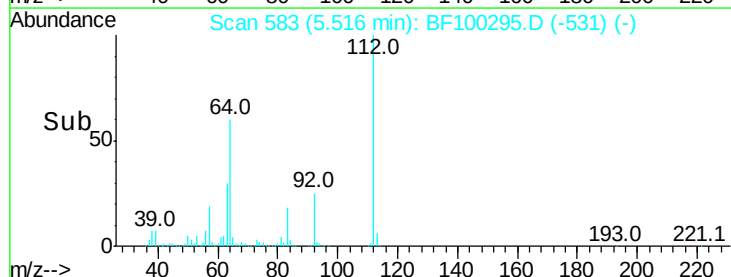
#5

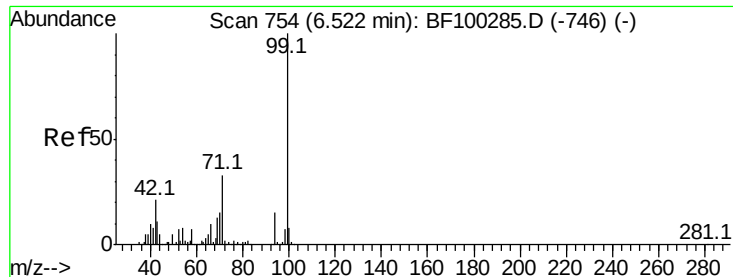
2-Fluorophenol
Concen: 56.062 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.01 min
Lab File: BF100295.D
Acq: 8 Nov 2017 16:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.6	47.9	71.9
63	30.3	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: 35.389 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF100295.D

Acq: 8 Nov 2017 16:55

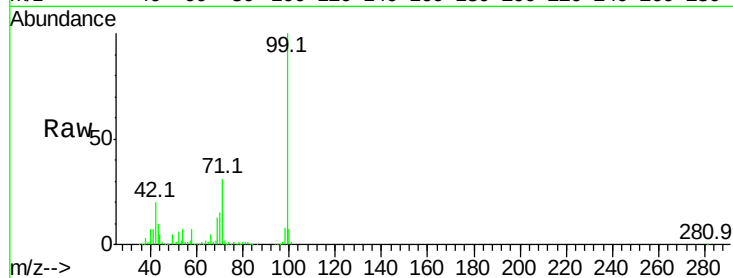
Tot Ion: 99 Resp: 558104

Ion Ratio Lower Upper

99 100

42 19.6 14.5 21.7

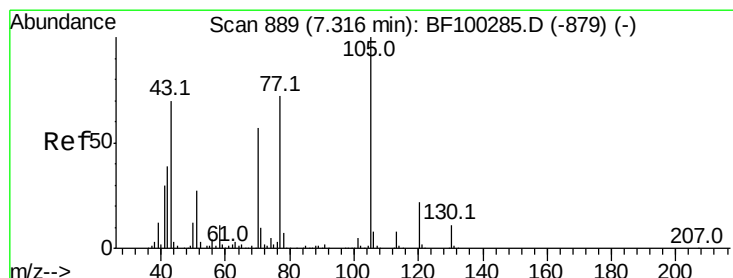
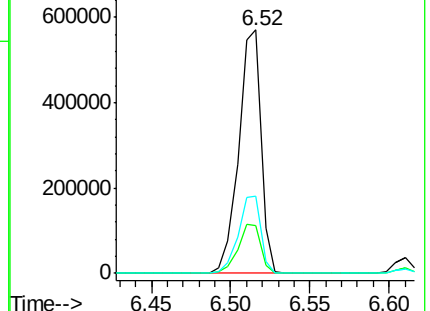
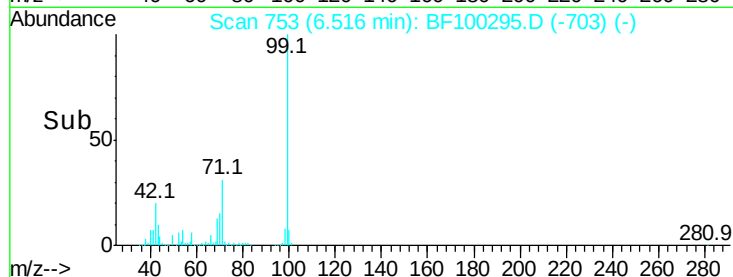
71 31.5 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 15.044 ng

RT: 7.46 min Scan# 914

Delta R.T. 0.15 min

Lab File: BF100295.D

Acq: 8 Nov 2017 16:55

Tgt Ion: 70 Resp: 164532

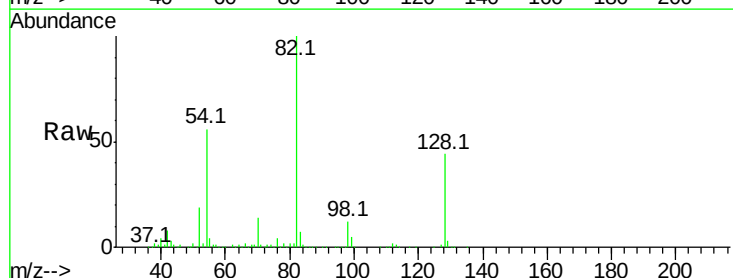
Ion Ratio Lower Upper

70 100

42 54.8 47.5 71.3

101 0.0 7.4 11.2#

130 1.9 16.6 25.0#

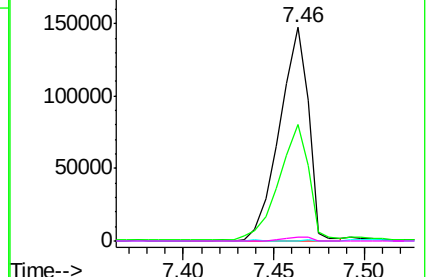
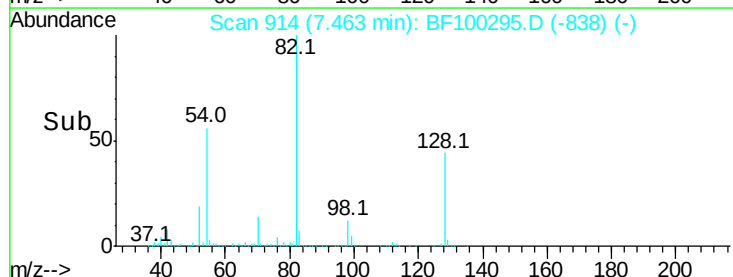


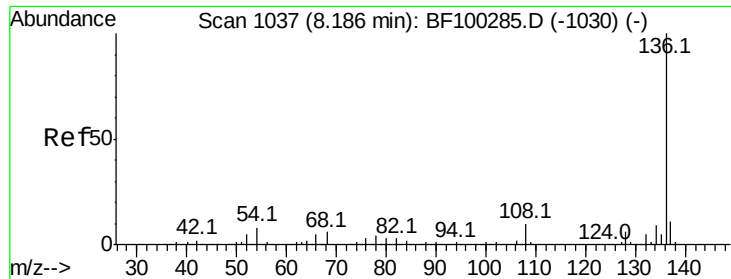
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 20.000 ng

RT: 8.18 min Scan# 1036

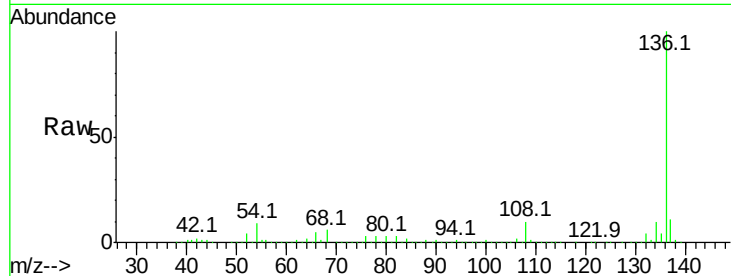
Delta R.T. -0.01 min

Lab File: BF100295.D

Acq: 8 Nov 2017 16:55

Tot Ion:136 Resp: 880464

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.9	6.6	9.8
68	6.4	5.0	7.4

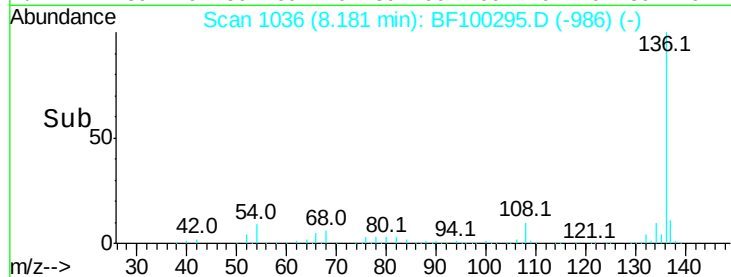


Abundance Ion 136.00 (135.70 to 136.70): E

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



Time-->

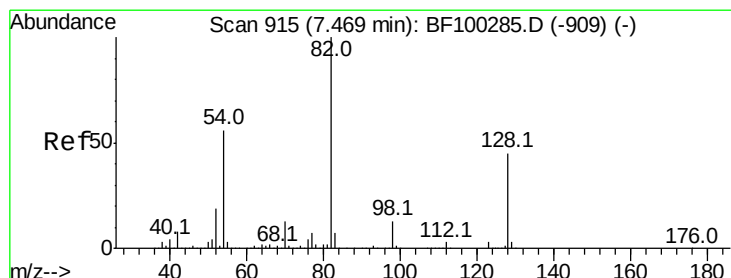
8.18

1000000

500000

0

8.15 8.20 8.25



#23

Nitrobenzene-d5

Concen: 89.820 ng

RT: 7.46 min Scan# 914

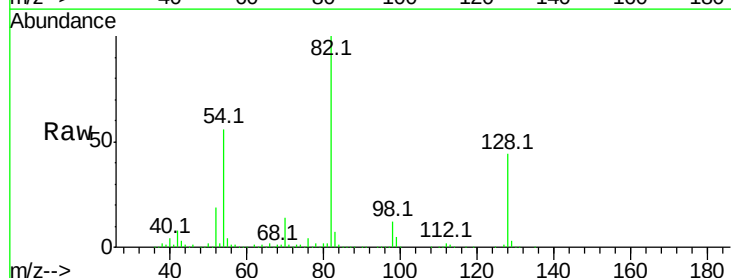
Delta R.T. -0.01 min

Lab File: BF100295.D

Acq: 8 Nov 2017 16:55

Tgt Ion: 82 Resp: 1196176

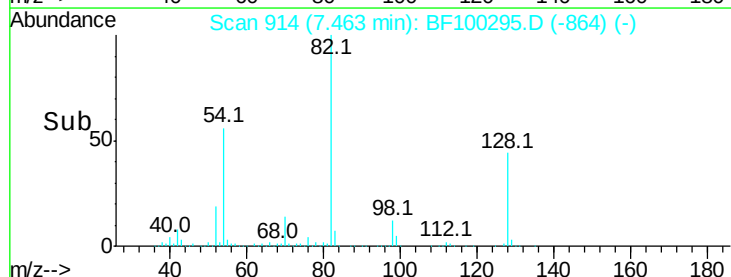
Ion	Ratio	Lower	Upper
82	100		
128	44.4	36.1	54.1
54	56.4	41.4	62.2



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



Time-->

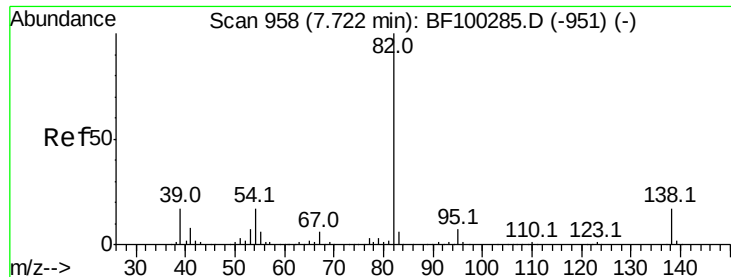
7.46

1000000

500000

0

7.40 7.45 7.50



#25

Isophorone

Concen: 42.620 ng

RT: 7.46 min Scan# 914

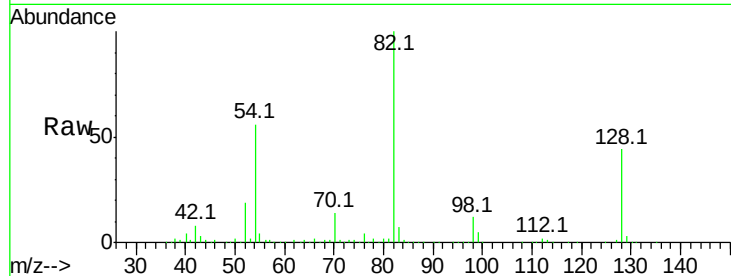
Delta R.T. -0.26 min

Lab File: BF100295.D

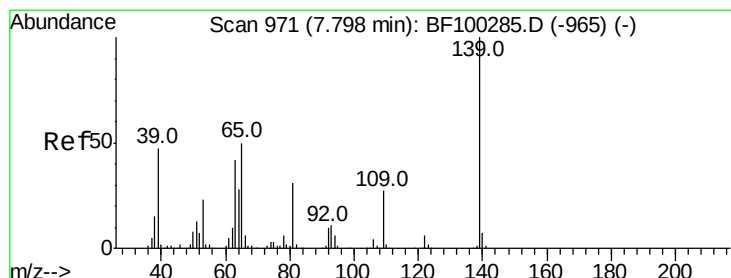
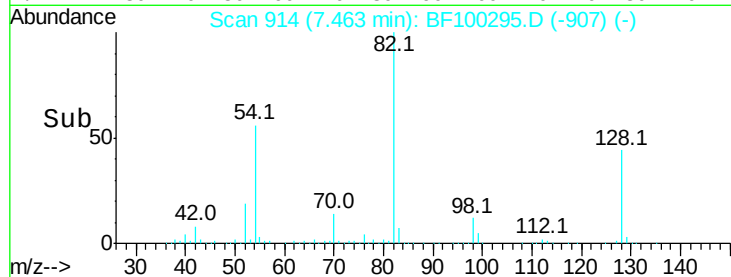
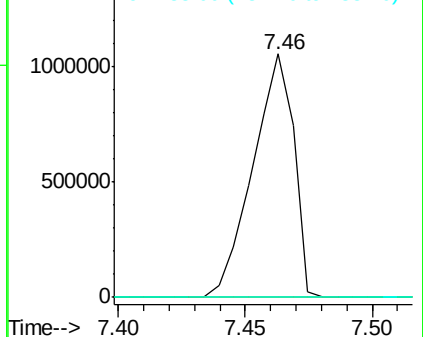
Acq: 8 Nov 2017 16:55

Tot Ion: 82 Resp: 1192746

Ion	Ratio	Lower	Upper
82	100		
95	0.2	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: 5.423 ng

RT: 7.79 min Scan# 970

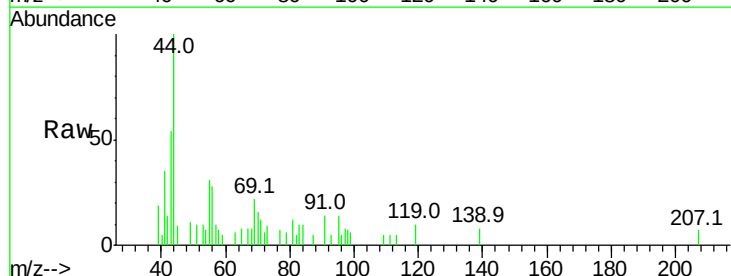
Delta R.T. -0.01 min

Lab File: BF100295.D

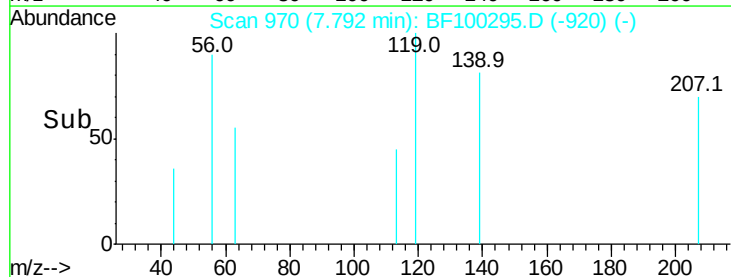
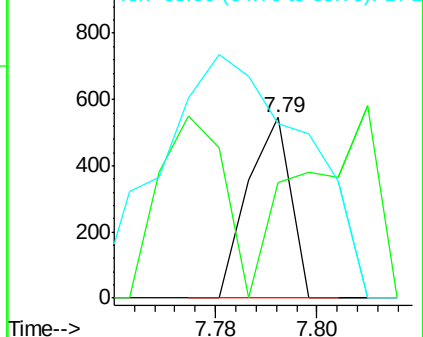
Acq: 8 Nov 2017 16:55

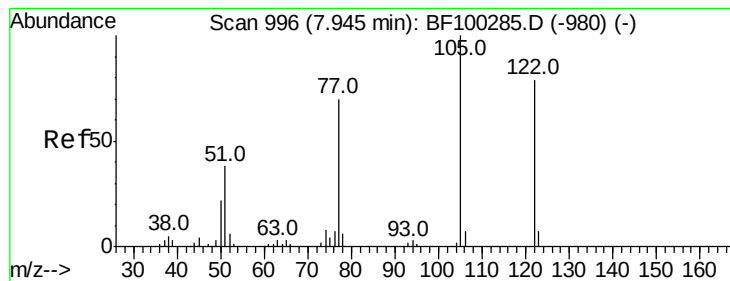
Tgt Ion: 139 Resp: 318

Ion	Ratio	Lower	Upper
139	100		
109	63.7	22.7	34.1#
65	96.5	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





#32

Benzoic acid

Concen: 9.469 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.07 min

Lab File: BF100295.D

Acq: 8 Nov 2017 16:55

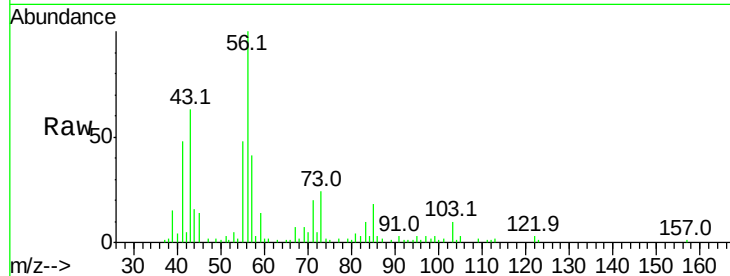
Tot Ion:122 Resp: 1175

Ion Ratio Lower Upper

122 100

105 128.7 101.1 141.1

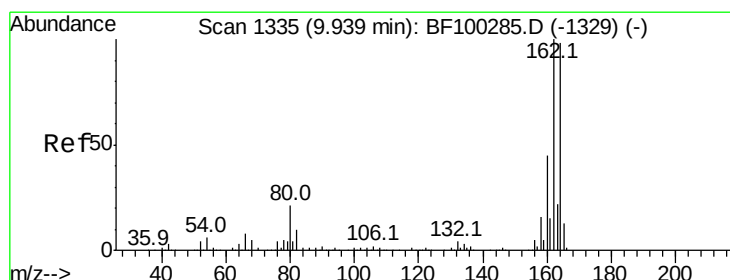
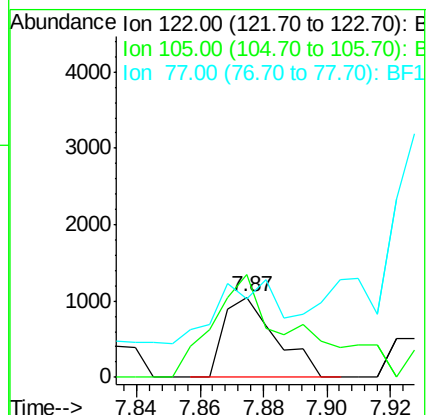
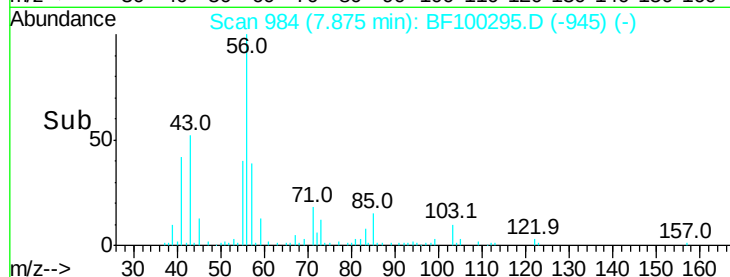
77 97.2 70.7 110.7



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: 20.000 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BF100295.D

Acq: 8 Nov 2017 16:55

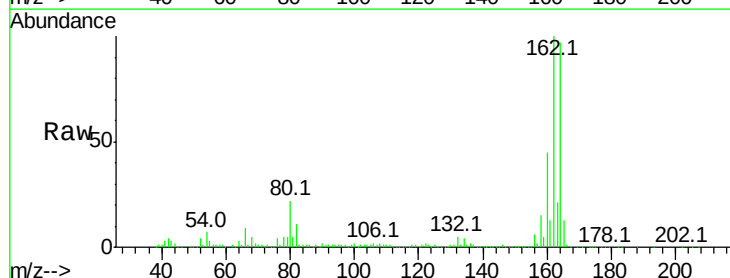
Tgt Ion:164 Resp: 373938

Ion Ratio Lower Upper

164 100

162 102.7 86.1 129.1

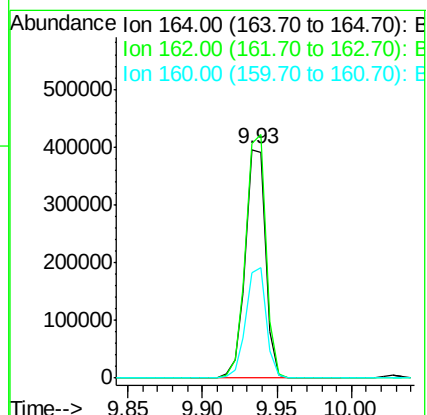
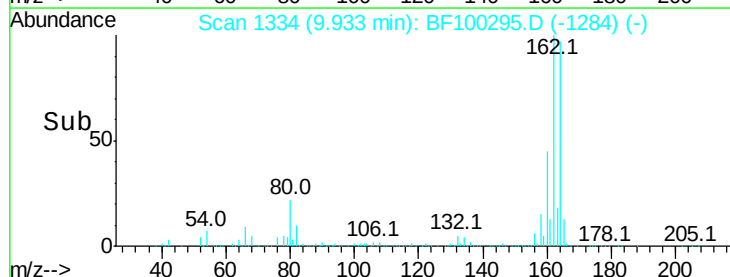
160 46.2 38.3 57.5

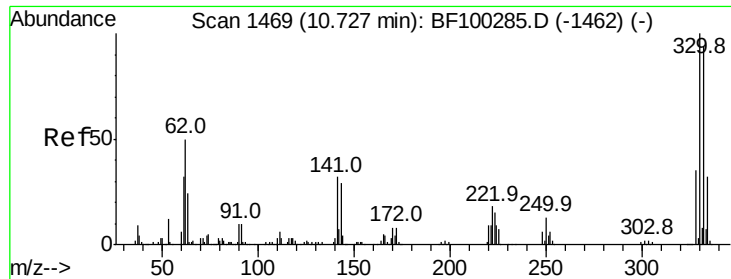


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

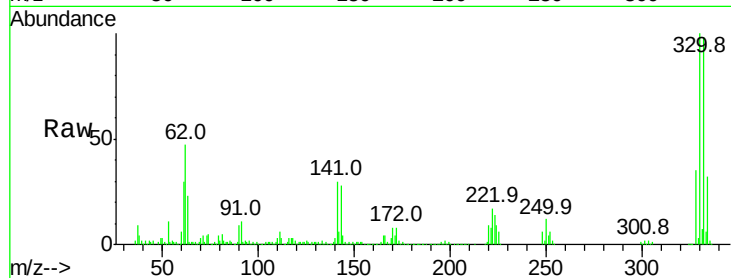
Ion 160.00 (159.70 to 160.70): E



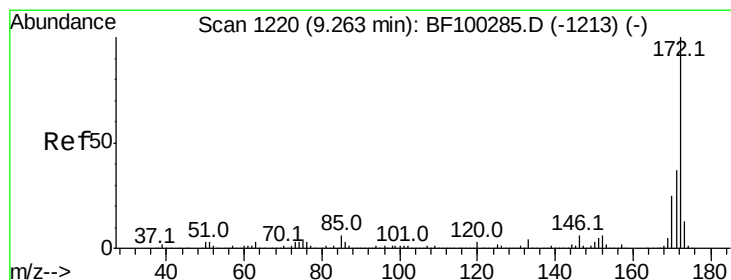
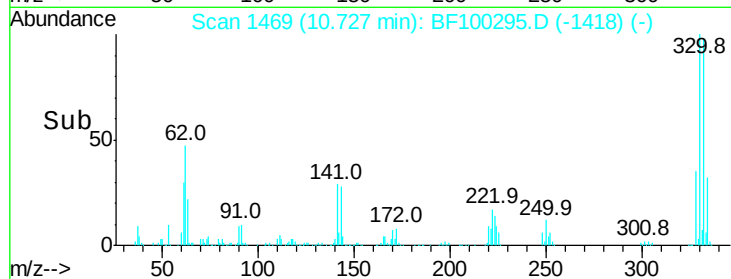
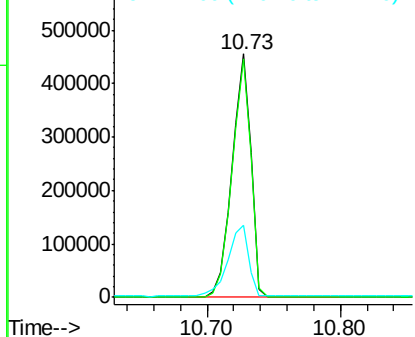


#41
 2,4,6-Tribromophenol
 Concen: 119.491 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: BF100295.D
 Acq: 8 Nov 2017 16:55

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.0	115.6
141	32.4	29.9	44.9

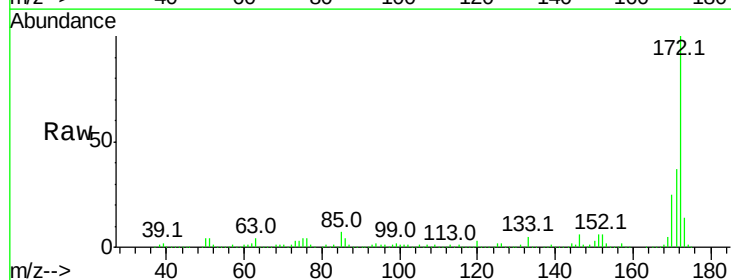


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

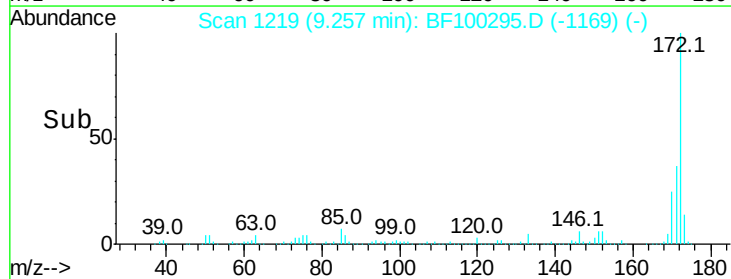
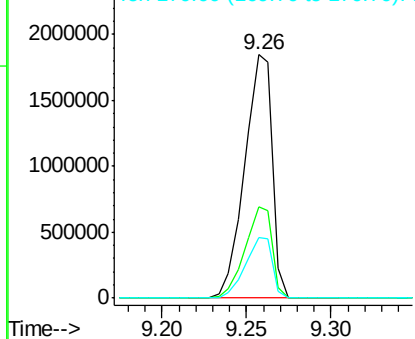


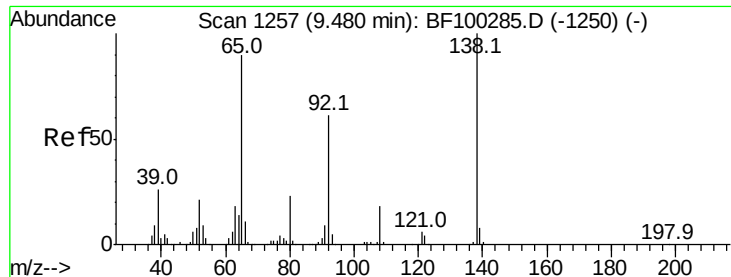
#44
 2-Fluorobiphenyl
 Concen: 85.801 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BF100295.D
 Acq: 8 Nov 2017 16:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.7	44.5
170	25.0	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: 2.842 ng

RT: 9.49 min Scan# 1258

Delta R.T. 0.01 min

Lab File: BF100295.D

Acq: 8 Nov 2017 16:55

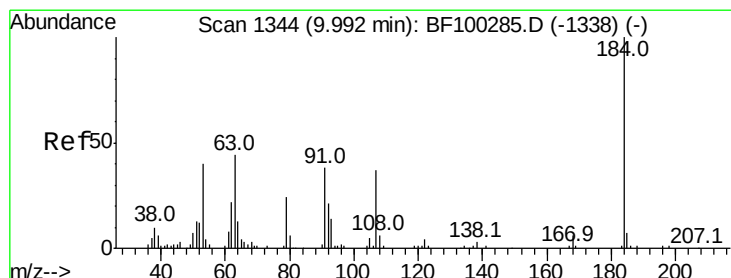
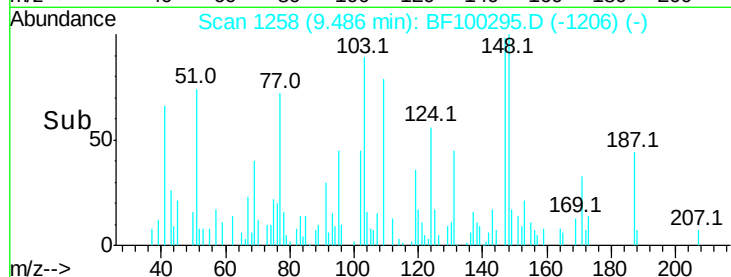
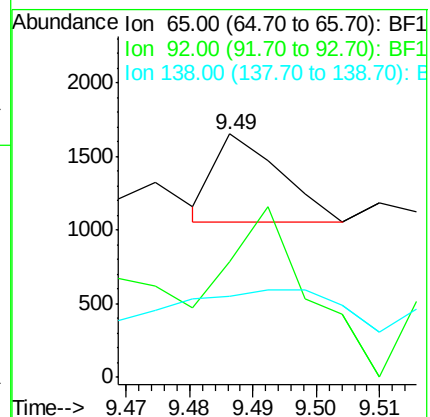
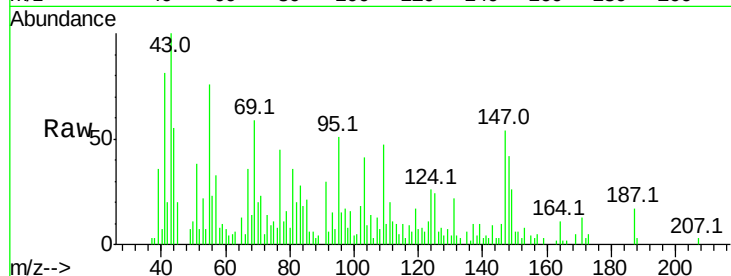
Tot Ion: 65 Resp: 430

Ion Ratio Lower Upper

65 100

92 47.4 55.8 83.6#

138 33.2 91.2 136.8#



#53

2,4-Dinitrophenol

Concen: 7.944 ng

RT: 10.13 min Scan# 1367

Delta R.T. 0.14 min

Lab File: BF100295.D

Acq: 8 Nov 2017 16:55

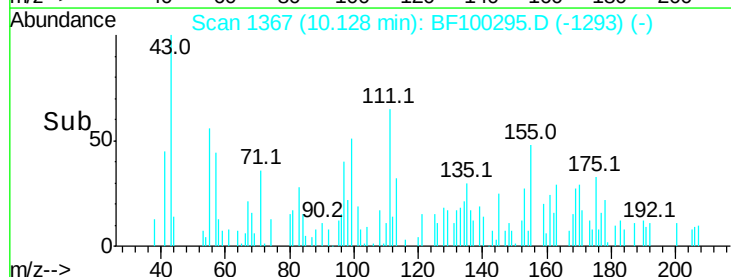
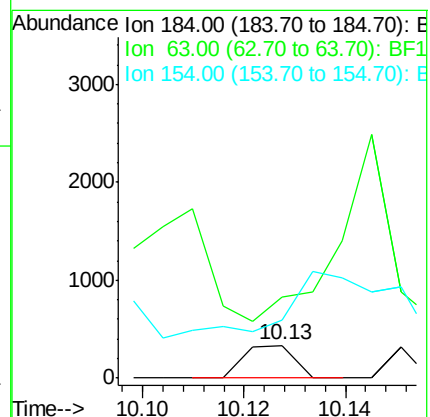
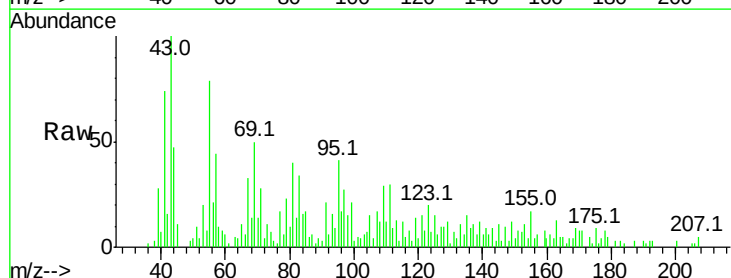
Tgt Ion: 184 Resp: 232

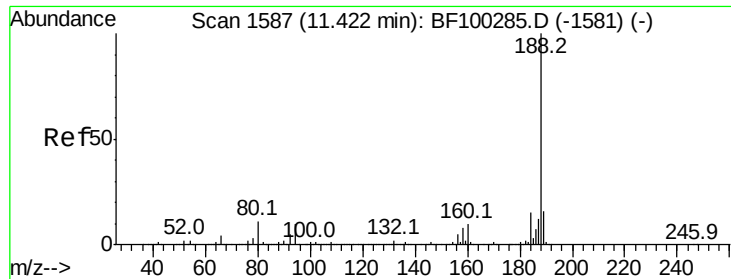
Ion Ratio Lower Upper

184 100

63 246.6 54.2 81.2#

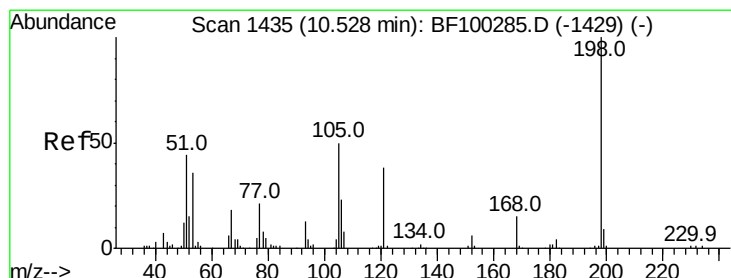
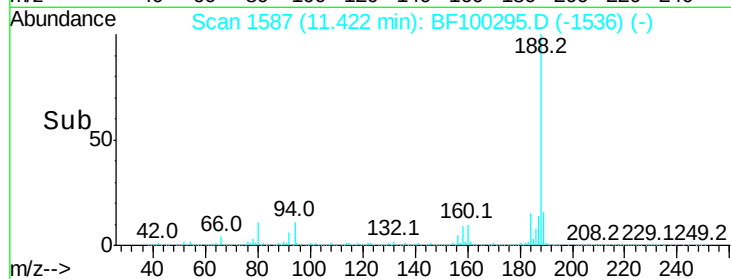
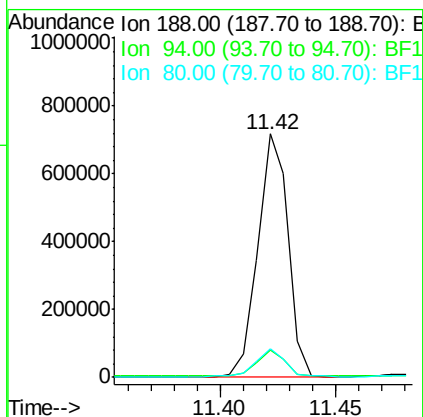
154 175.5 184.0 276.0#





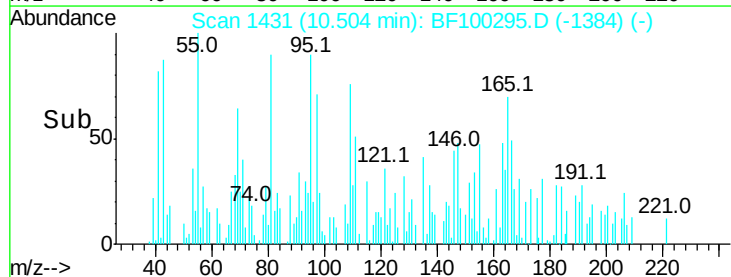
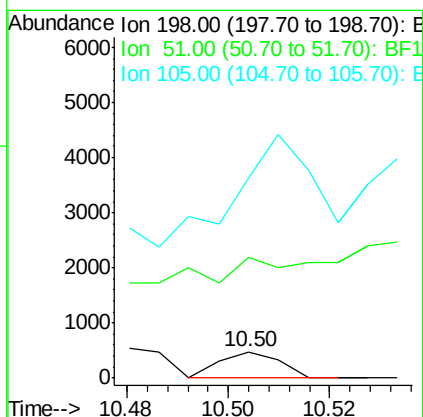
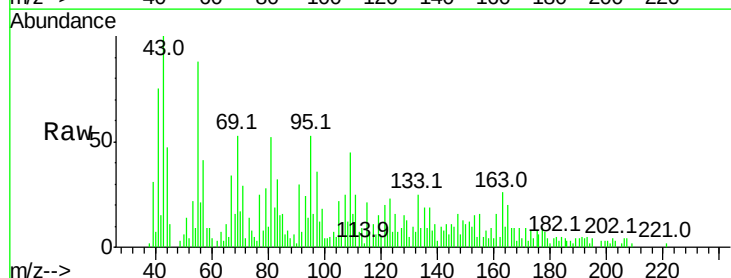
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. 0.00 min
 Lab File: BF100295.D
 Acq: 8 Nov 2017 16:55

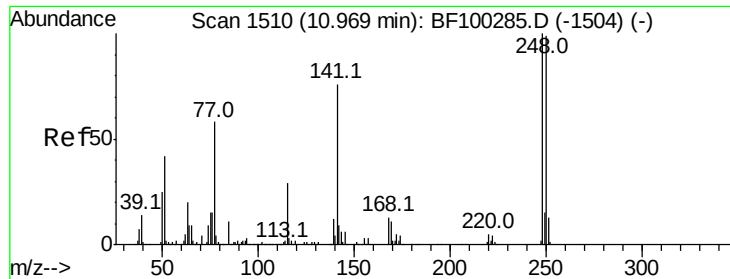
Tot Ion:188 Resp: 651934
 Ion Ratio Lower Upper
 188 100
 94 11.2 8.5 12.7
 80 11.8 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.668 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.02 min
 Lab File: BF100295.D
 Acq: 8 Nov 2017 16:55

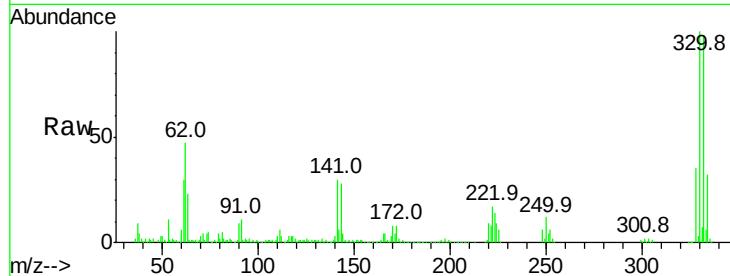
Tgt Ion:198 Resp: 394
 Ion Ratio Lower Upper
 198 100
 51 459.8 37.7 77.7#
 105 761.1 36.3 76.3#



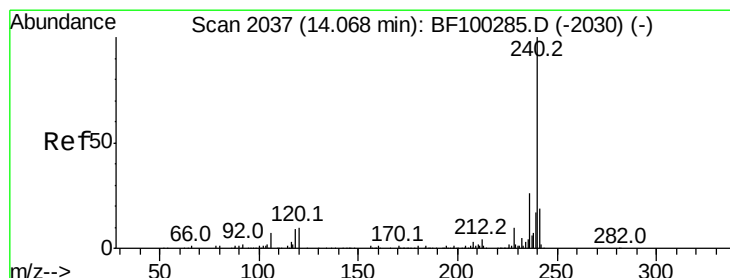
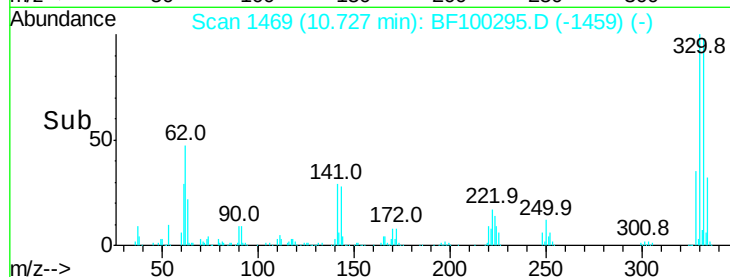
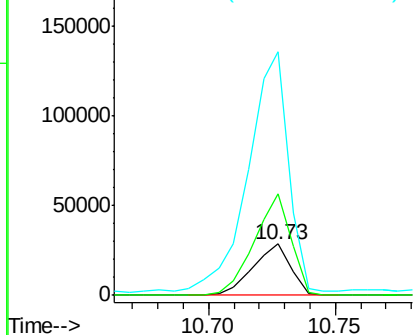


#66
4-Bromophenyl-phenylether
Concen: 4.158 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.24 min
Lab File: BF100295.D
Acq: 8 Nov 2017 16:55

Tot Ion	Ratio	Lower	Upper
248	100		
250	197.2	76.9	115.3#
141	474.4	74.4	111.6#

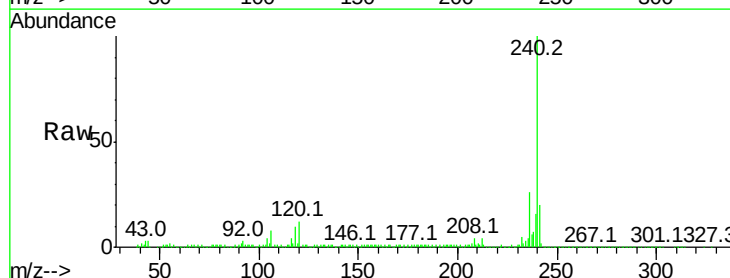


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

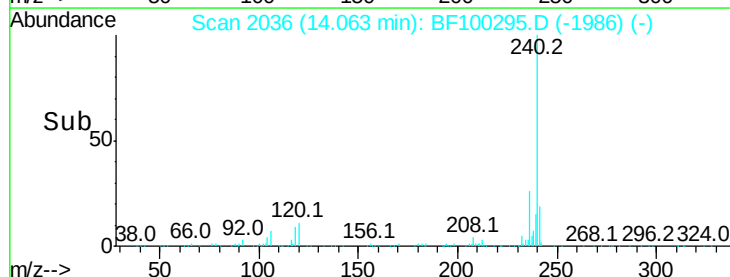
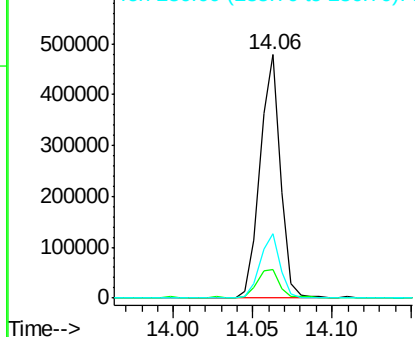


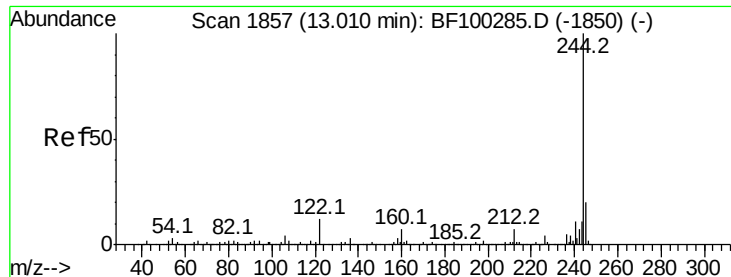
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF100295.D
Acq: 8 Nov 2017 16:55

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.5	14.3
236	26.4	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: 89.411 ng

RT: 13.02 min Scan# 1858

Delta R.T. 0.01 min

Lab File: BF100295.D

Acq: 8 Nov 2017 16:55

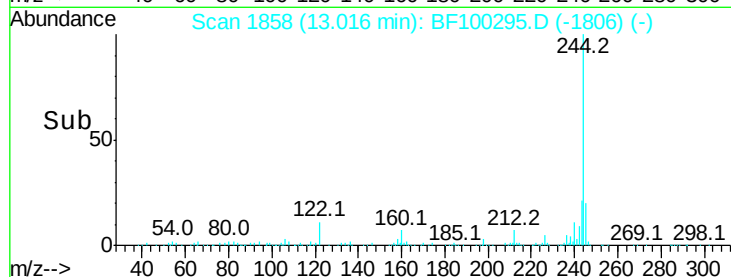
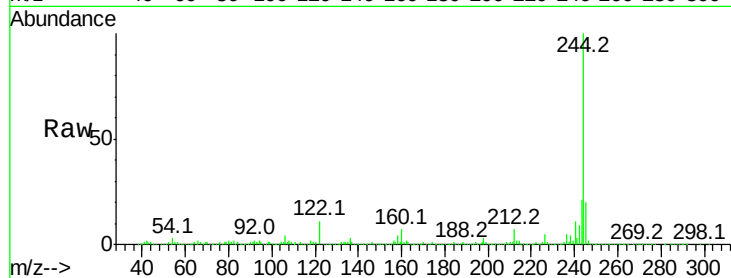
Tot Ion:244 Resp: 1664718

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	10.8	11.0	16.4

244 100

212 7.3 5.4 8.0

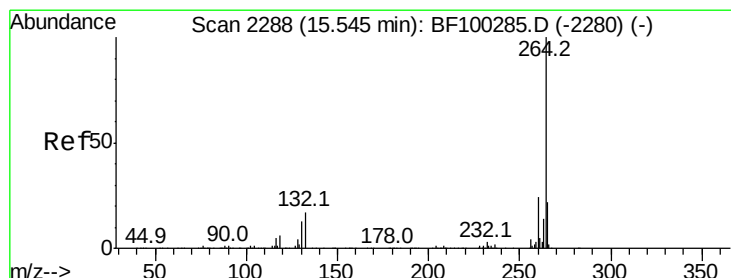
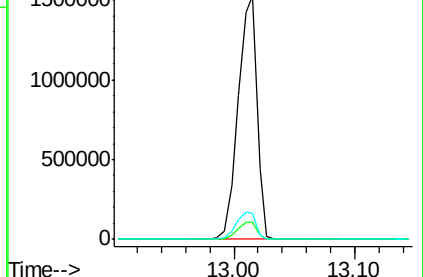
122 10.8 11.0 16.4



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: 20.000 ng

RT: 15.54 min Scan# 2288

Delta R.T. 0.00 min

Lab File: BF100295.D

Acq: 8 Nov 2017 16:55

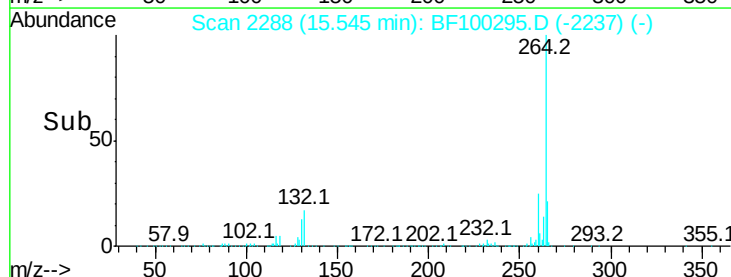
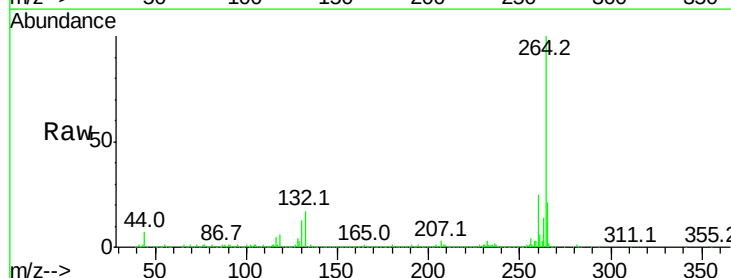
Tgt Ion:264 Resp: 406133

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.4	17.5	26.3

264 100

260 24.5 19.2 28.8

265 21.4 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

