

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110817\
 Data File : BF100327.D
 Acq On : 9 Nov 2017 7:43
 Operator : SJ/JU
 Sample : I6381-02
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

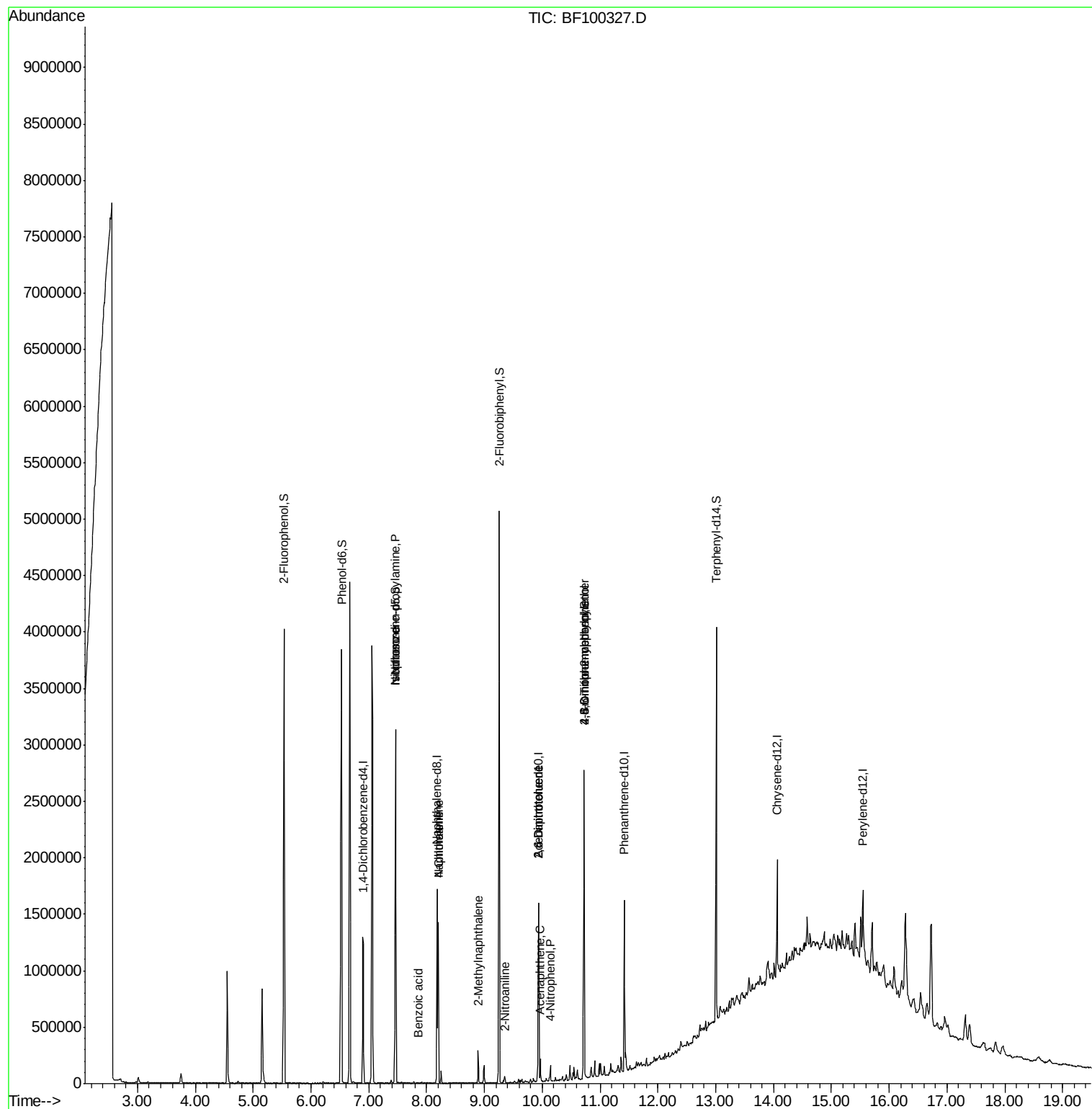
Quant Time: Nov 09 08:42:25 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 08 14:33:31 2017
 Response via : Initial Calibration

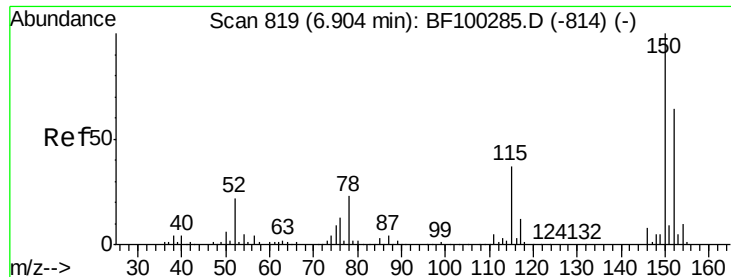
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	188806	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	746613	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	316256	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	485928	20.00	ng	0.00
75) Chrysene-d12	14.06	240	353577	20.00	ng	0.00
86) Perylene-d12	15.54	264	328810	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1268751	107.72	ng	0.02
7) Phenol-d6	6.53	99	1392987	95.91	ng	0.00
23) Nitrobenzene-d5	7.46	82	1053171	93.26	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	342598	106.31	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1827604	88.00	ng	0.00
78) Terphenyl-d14	13.01	244	1219169	79.23	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.46	70	139885	13.89	ng	# 84
25) Isophorone	7.46	82	1053143	44.38	ng	# 64
31) Naphthalene	8.20	128	589033	16.38	ng	100
32) Benzoic acid	7.85	122	730	9.44	ng	89
33) 4-Chloroaniline	8.20	127	77781	5.20	ng	# 36
37) 2-Methylnaphthalene	8.89	142	69148	2.90	ng	99
47) 2-Nitroaniline	9.35	65	137	2.81	ng	# 2
50) 2,6-Dinitrotoluene	9.93	165	41233	8.63	ng	# 25
51) Acenaphthene	9.97	154	42351	2.12	ng	98
55) 4-Nitrophenol	10.14	139	18713	4.08	ng	# 12
56) 2,4-Dinitrotoluene	9.93	165	41233	6.84	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.72	198	917	8.88	ng	# 1
66) 4-Bromophenyl-phenylether	10.72	248	22255	4.27	ng	# 1

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

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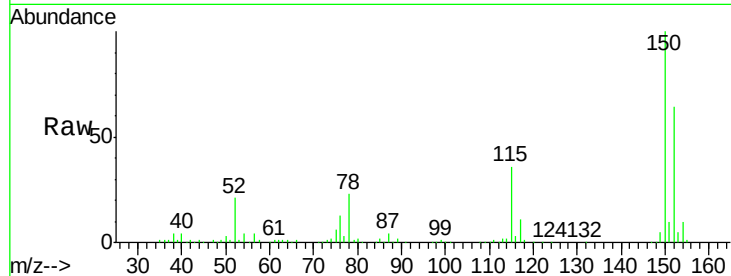




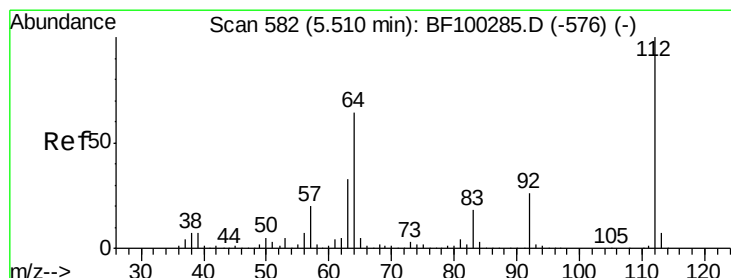
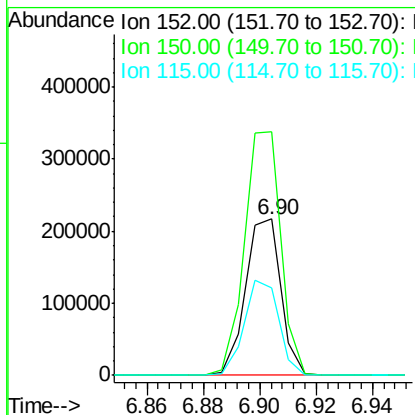
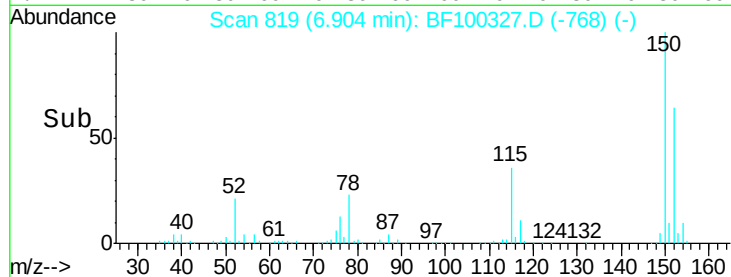
#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF100327.D
Acq: 9 Nov 2017 7:43

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.6	186.8
115	55.6	50.1	75.1



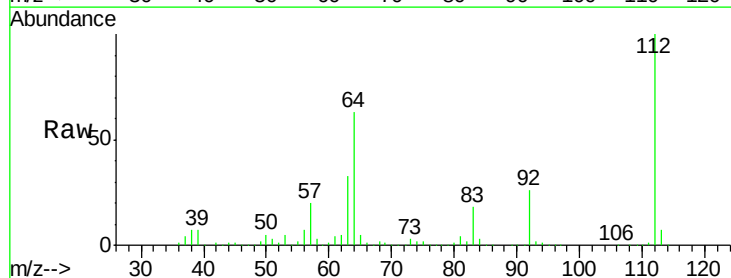
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



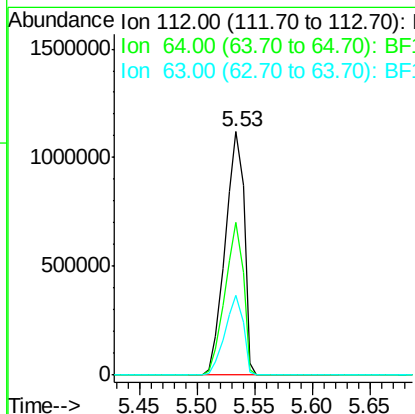
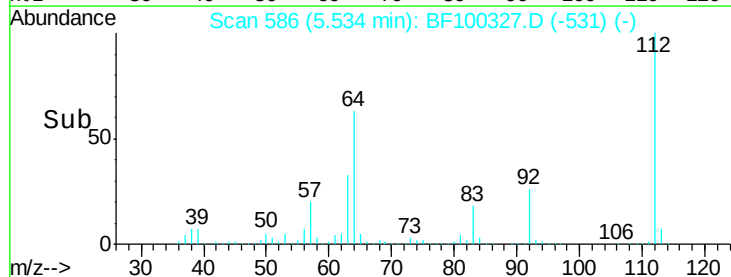
#5

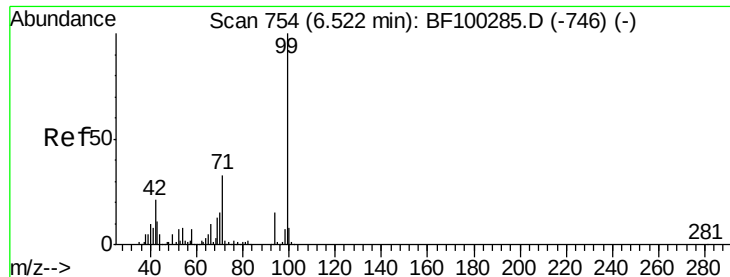
2-Fluorophenol
Concen: 107.72 ng
RT: 5.53 min Scan# 586
Delta R.T. 0.02 min
Lab File: BF100327.D
Acq: 9 Nov 2017 7:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.8	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: 95.91 ng

RT: 6.53 min Scan# 755

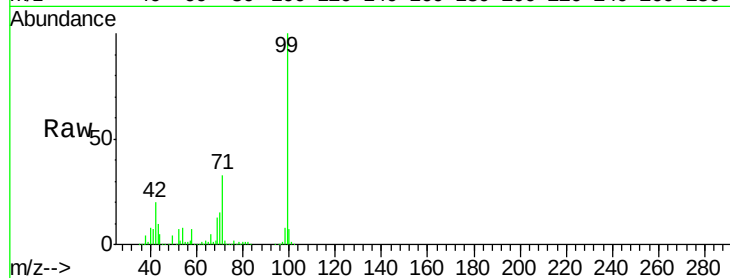
Delta R.T. 0.01 min

Lab File: BF100327.D

Acq: 9 Nov 2017 7:43

Tot Ion: 99 Resp: 1392987

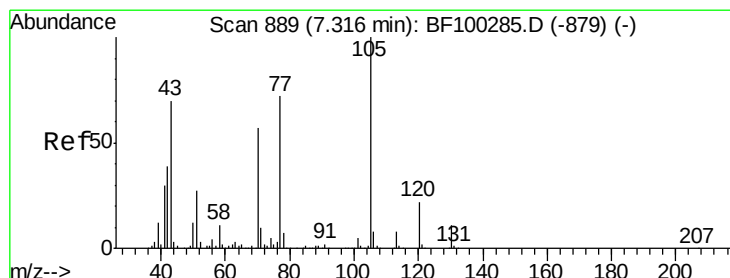
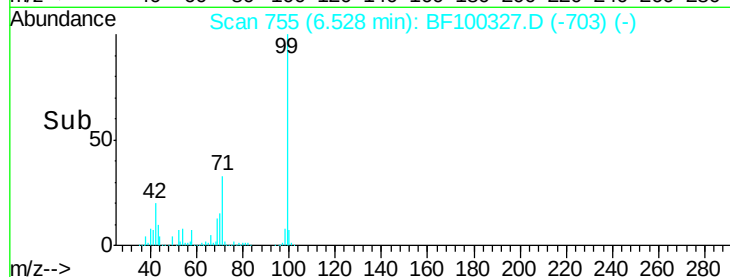
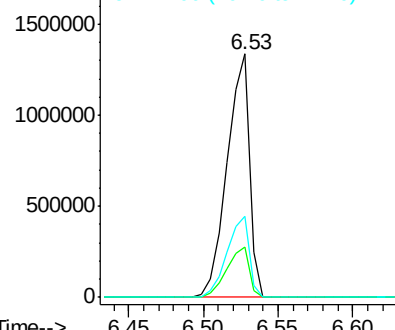
Ion	Ratio	Lower	Upper
99	100		
42	20.4	14.5	21.7
71	33.3	25.4	38.0



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: 13.89 ng

RT: 7.46 min Scan# 914

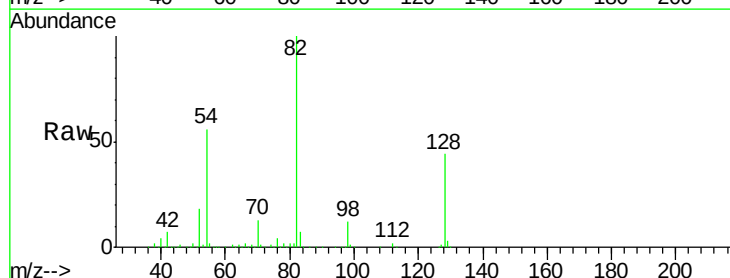
Delta R.T. 0.15 min

Lab File: BF100327.D

Acq: 9 Nov 2017 7:43

Tgt Ion: 70 Resp: 139885

Ion	Ratio	Lower	Upper
70	100		
42	55.1	47.5	71.3
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#

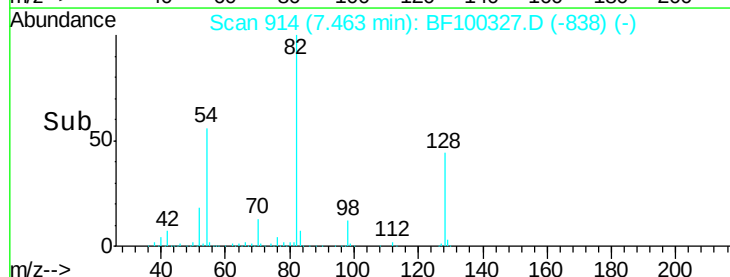
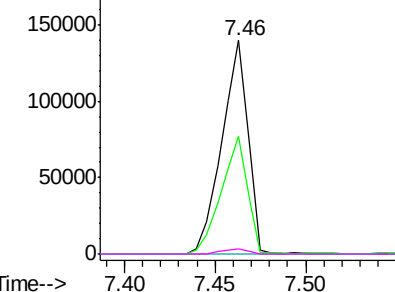


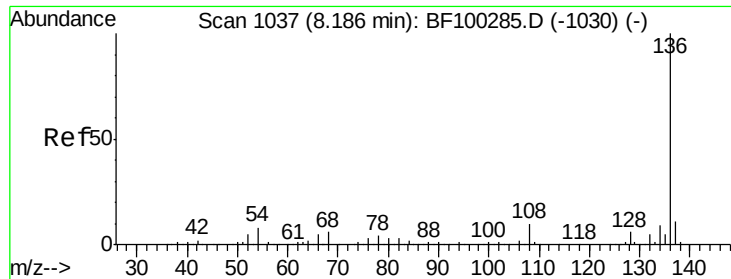
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

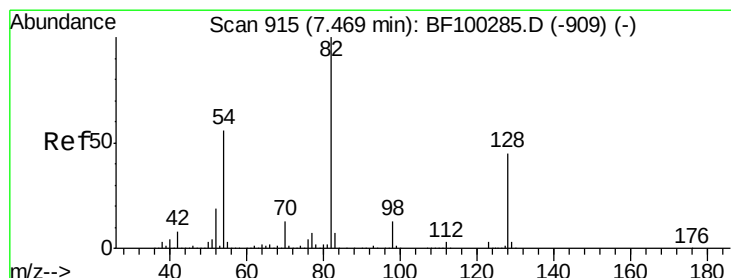
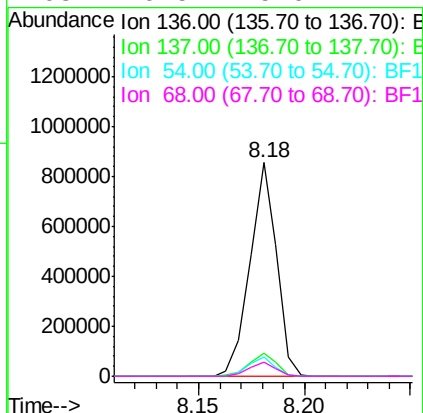
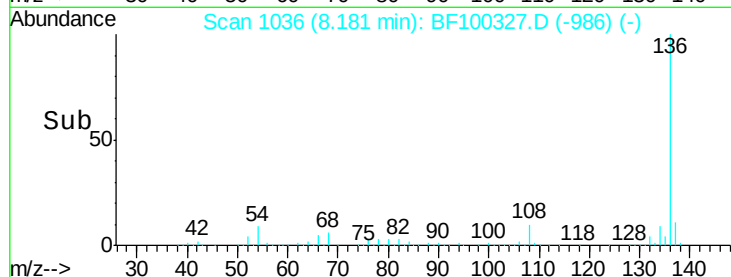
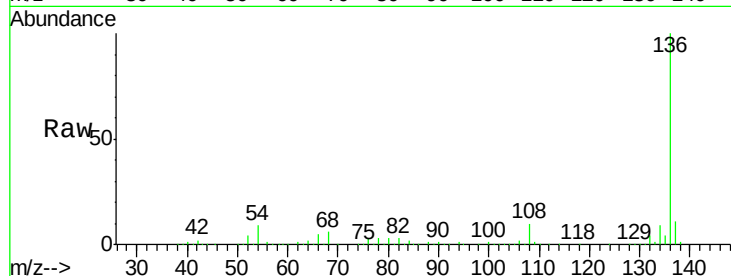
Ion 130.00 (129.70 to 130.70): BF1





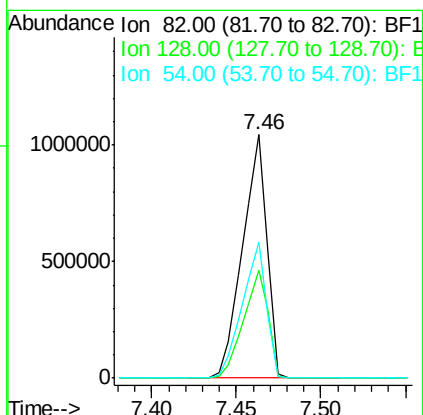
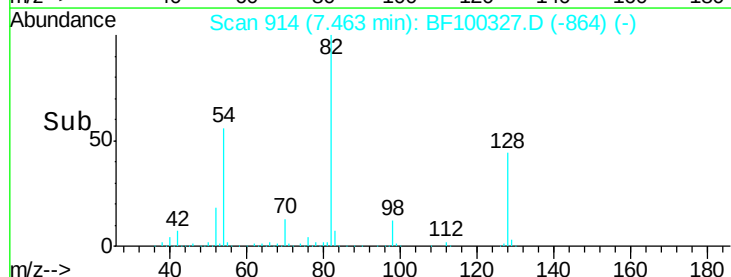
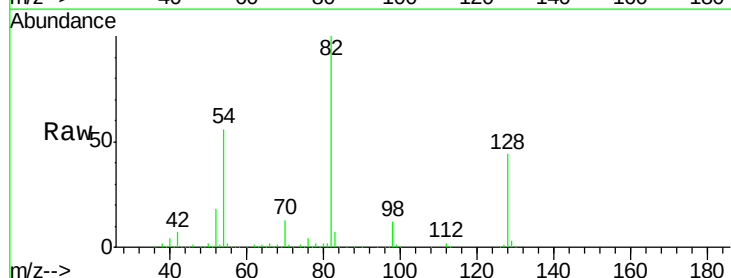
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF100327.D
Acq: 9 Nov 2017 7:43

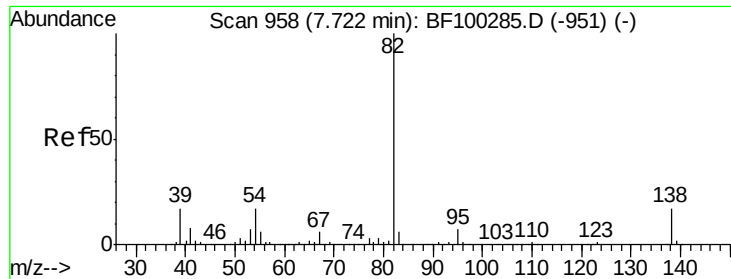
Tot Ion:136	Resp:	746613
Ion Ratio	Lower	Upper
136 100		
137 10.8	8.9	13.3
54 8.8	6.6	9.8
68 6.5	5.0	7.4



#23
Nitrobenzene-d5
Concen: 93.26 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF100327.D
Acq: 9 Nov 2017 7:43

Tgt Ion: 82	Resp: 1053171
Ion Ratio	Lower Upper
82 100	
128 44.2	36.1 54.1
54 55.7	41.4 62.2





#25

Isophorone

Concen: 44.38 ng

RT: 7.46 min Scan# 914

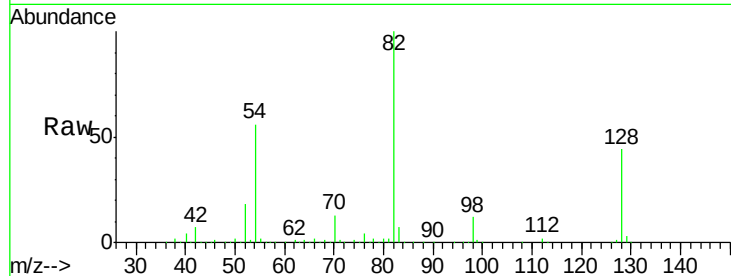
Delta R.T. -0.26 min

Lab File: BF100327.D

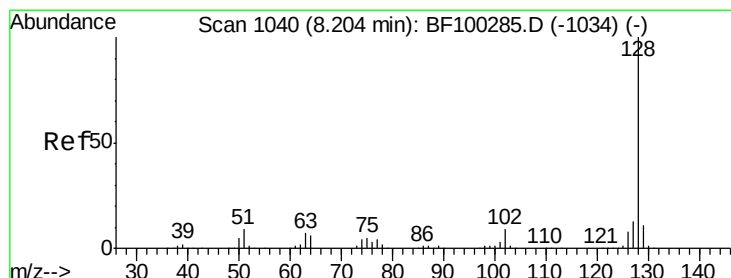
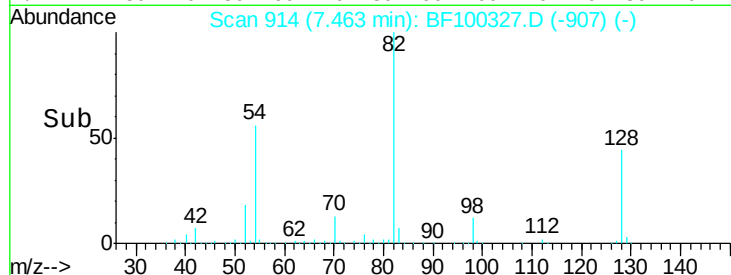
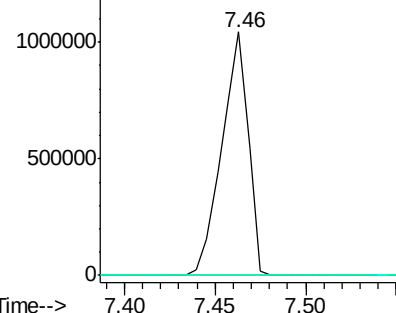
Acq: 9 Nov 2017 7:43

Tot Ion: 82 Resp: 1053143

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



#31

Naphthalene

Concen: 16.38 ng

RT: 8.20 min Scan# 1040

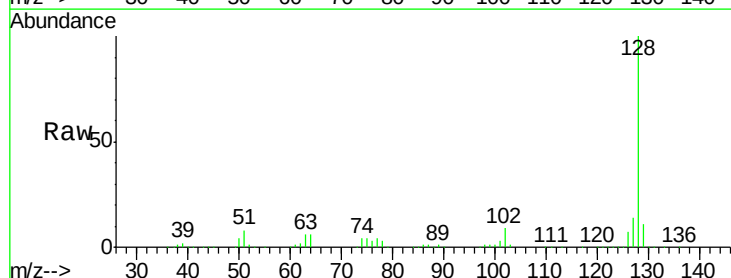
Delta R.T. 0.00 min

Lab File: BF100327.D

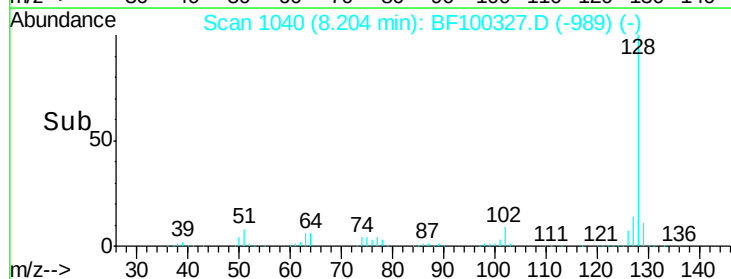
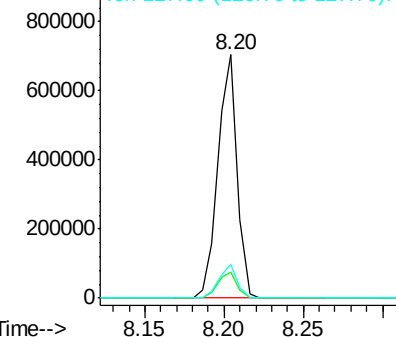
Acq: 9 Nov 2017 7:43

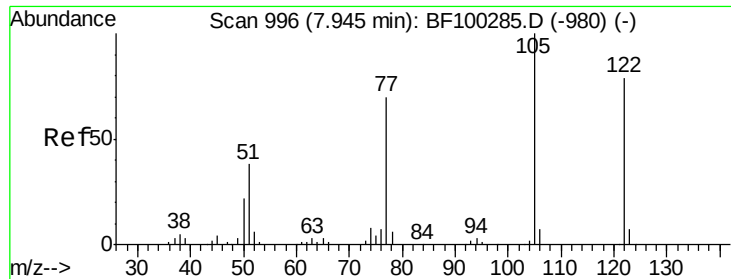
Tgt Ion: 128 Resp: 589033

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	13.7	10.9	16.3



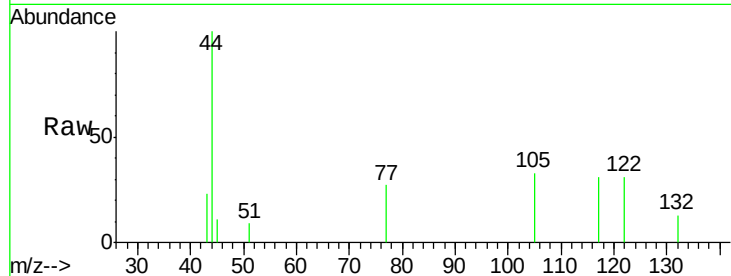
Abundance Ion 128.00 (127.70 to 128.70): BF1
Ion 129.00 (128.70 to 129.70): BF1
Ion 127.00 (126.70 to 127.70): BF1



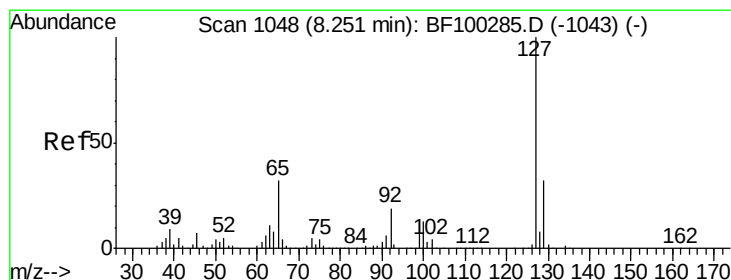
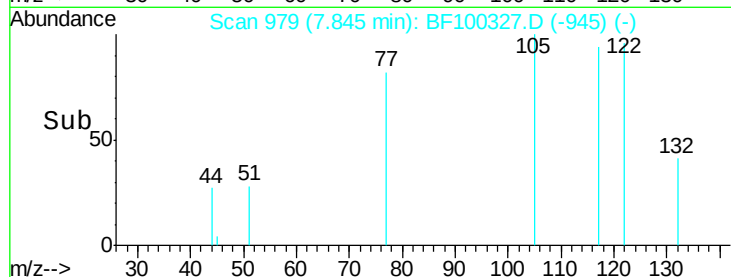
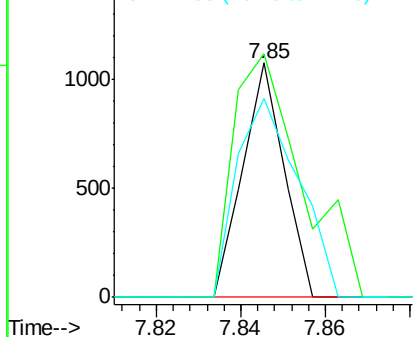


#32
Benzoic acid
Concen: 9.44 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.10 min
Lab File: BF100327.D
Acq: 9 Nov 2017 7:43

Tot Ion	Ratio	Lower	Upper
122	100		
105	104.0	101.1	141.1
77	84.8	70.7	110.7

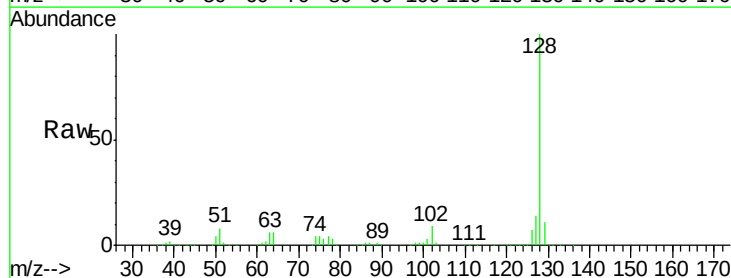


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

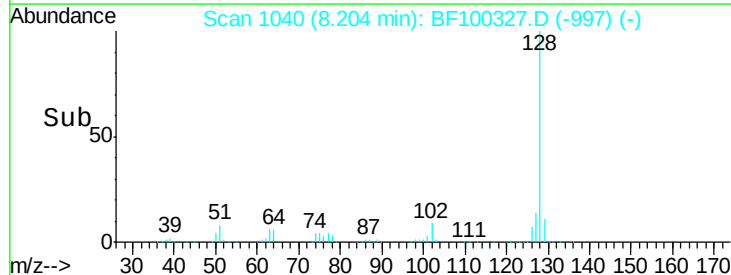
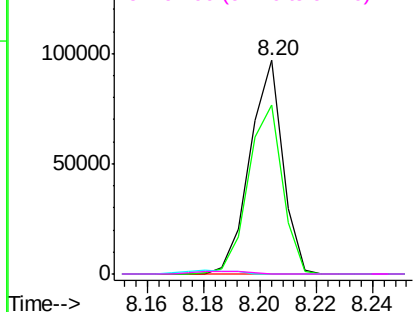


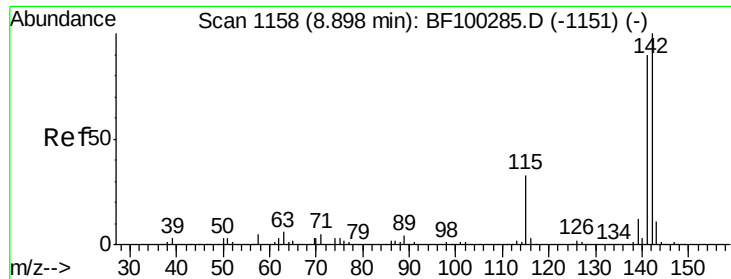
#33
4-Chloroaniline
Concen: 5.20 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.05 min
Lab File: BF100327.D
Acq: 9 Nov 2017 7:43

Tgt Ion	Ratio	Lower	Upper
127	100		
129	79.3	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#



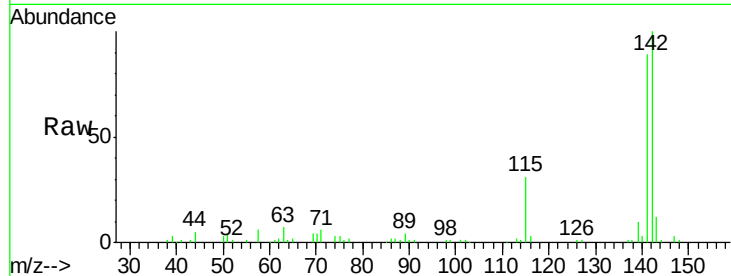
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1



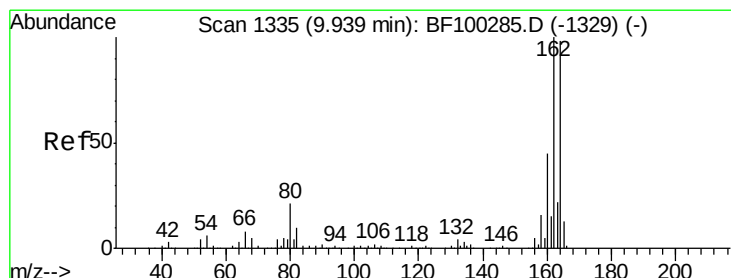
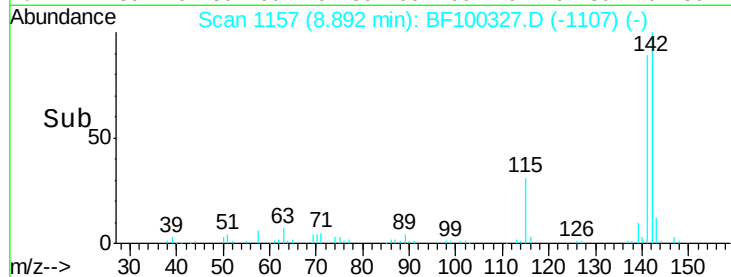
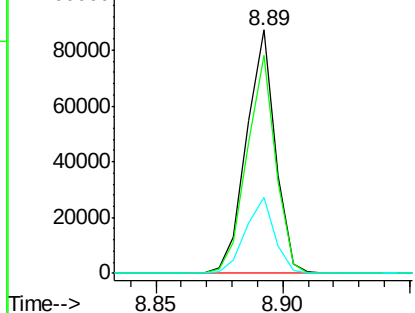


#37
2-Methylnaphthalene
Concen: 2.90 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BF100327.D
Acq: 9 Nov 2017 7:43

Tot Ion:142 Resp: 69148
Ion Ratio Lower Upper
142 100
141 89.5 70.8 106.2
115 31.3 26.1 39.1

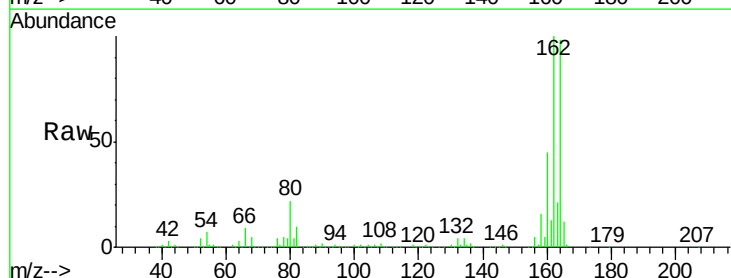


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

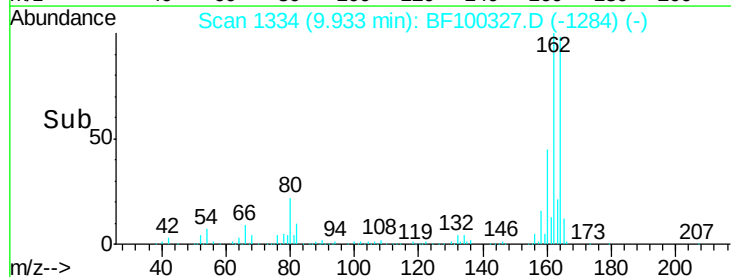
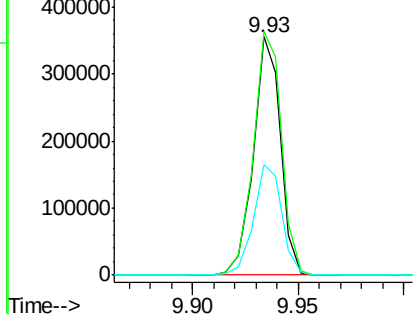


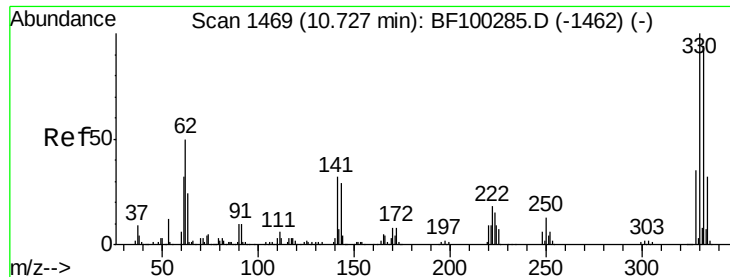
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF100327.D
Acq: 9 Nov 2017 7:43

Tgt Ion:164 Resp: 316256
Ion Ratio Lower Upper
164 100
162 102.2 86.1 129.1
160 46.2 38.3 57.5



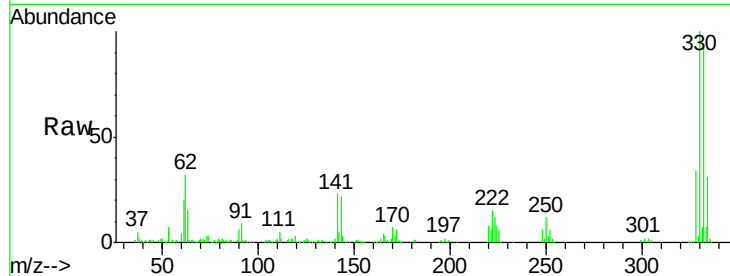
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



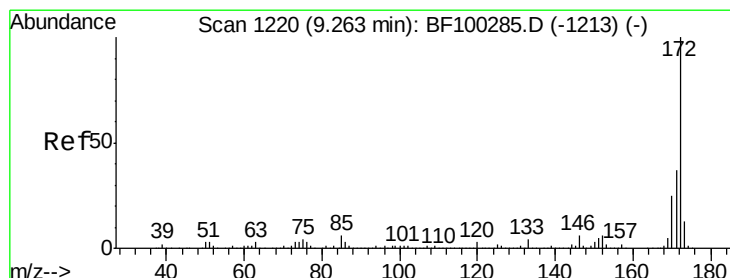
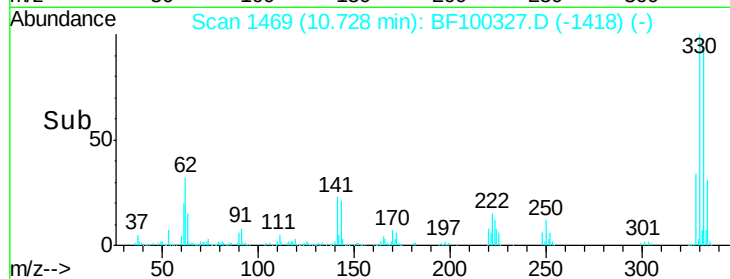
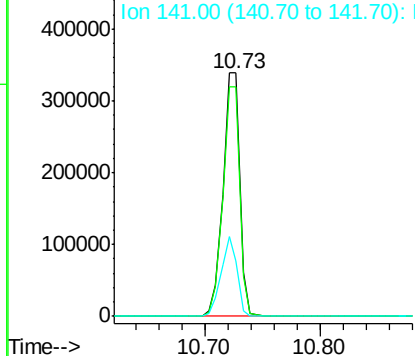


#41
 2,4,6-Tribromophenol
 Concen: 106.31 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: BF100327.D
 Acq: 9 Nov 2017 7:43

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.0	115.6
141	31.4	29.9	44.9

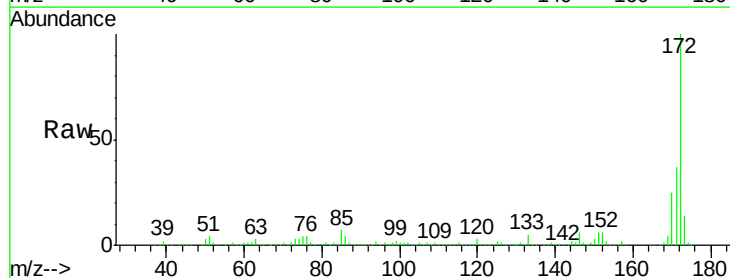


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

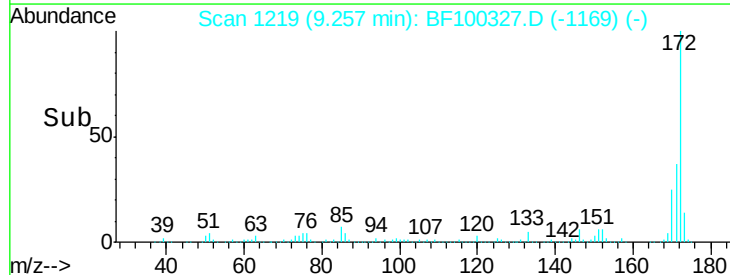
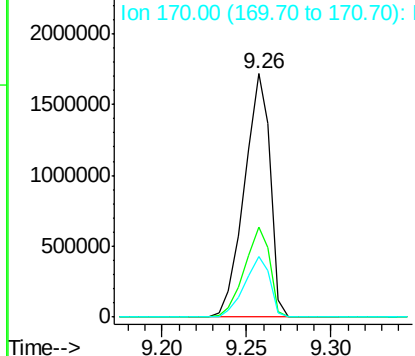


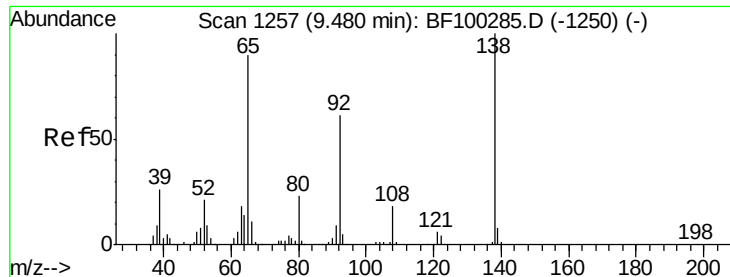
#44
 2-Fluorobiphenyl
 Concen: 88.00 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.00 min
 Lab File: BF100327.D
 Acq: 9 Nov 2017 7:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	24.8	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

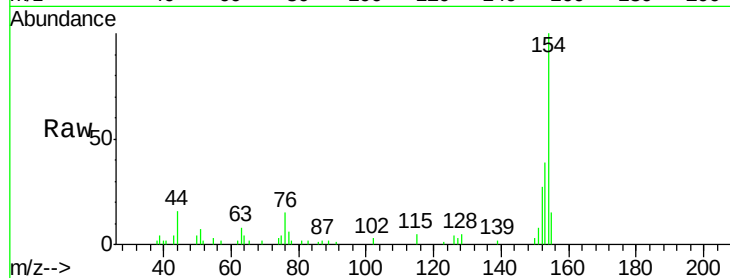
RT: 9.35 min Scan# 1235

Delta R.T. -0.13 min

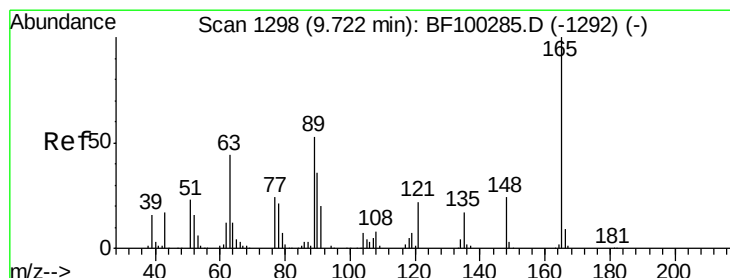
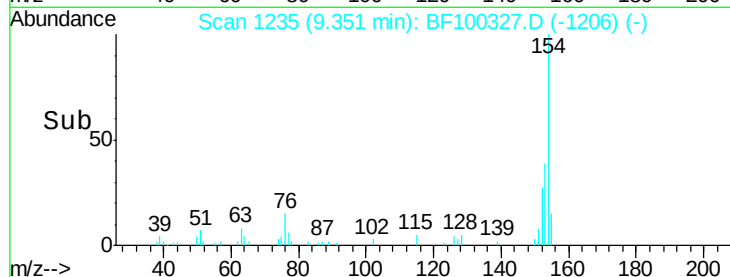
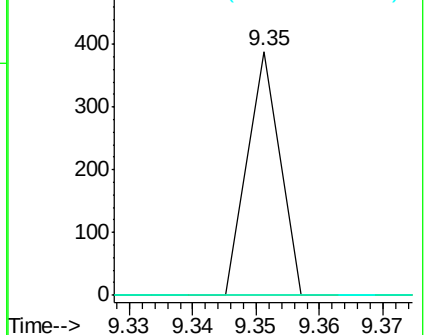
Lab File: BF100327.D

Acq: 9 Nov 2017 7:43

Tot Ion:	65	Resp:	137
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: 8.63 ng

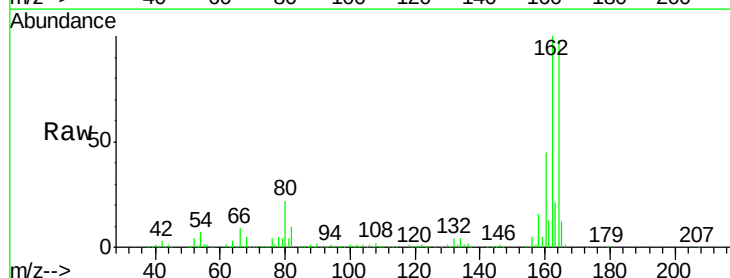
RT: 9.93 min Scan# 1334

Delta R.T. 0.21 min

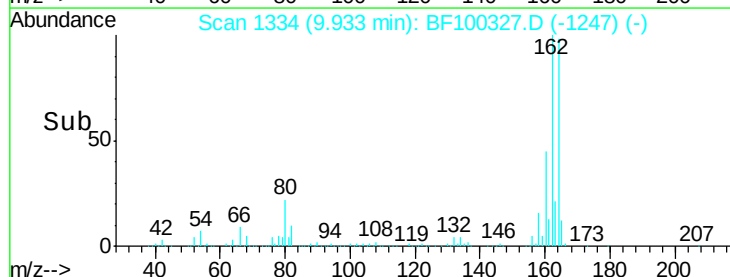
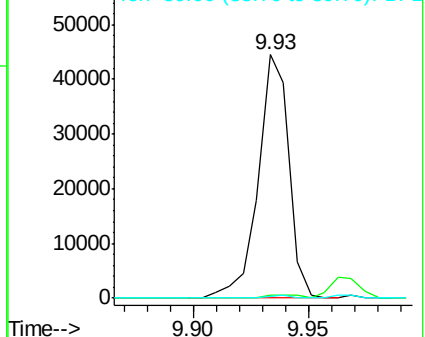
Lab File: BF100327.D

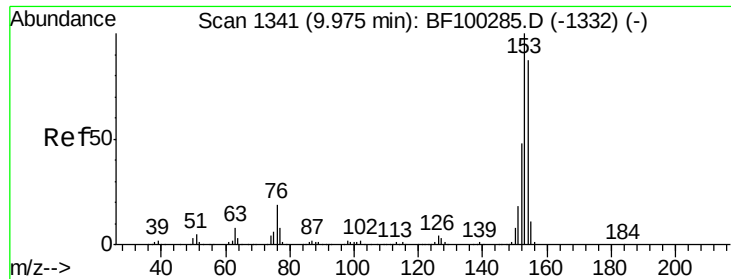
Acq: 9 Nov 2017 7:43

Tgt Ion:	165	Resp:	41233
Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.7	67.1#
89	0.9	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





#51

Acenaphthene

Concen: 2.12 ng

RT: 9.97 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BF100327.D

Acq: 9 Nov 2017 7:43

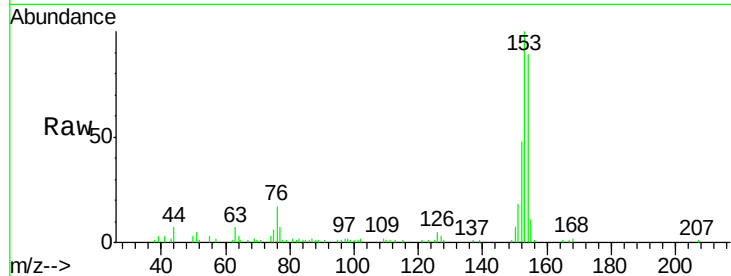
Tot Ion:154 Resp: 42351

Ion Ratio Lower Upper

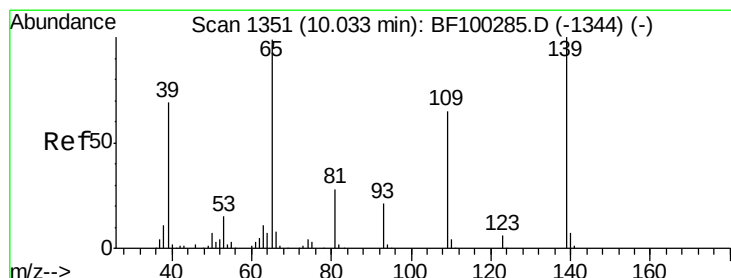
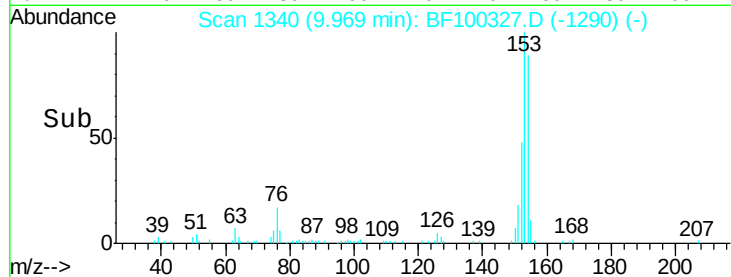
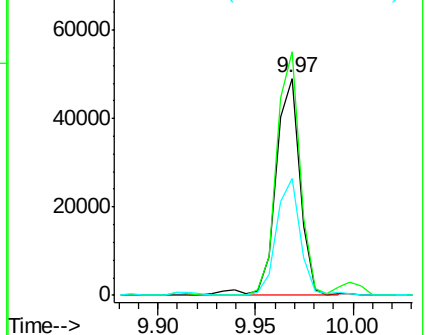
154 100

153 112.0 91.2 136.8

152 54.0 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#55

4-Nitrophenol

Concen: 4.08 ng

RT: 10.14 min Scan# 1369

Delta R.T. 0.11 min

Lab File: BF100327.D

Acq: 9 Nov 2017 7:43

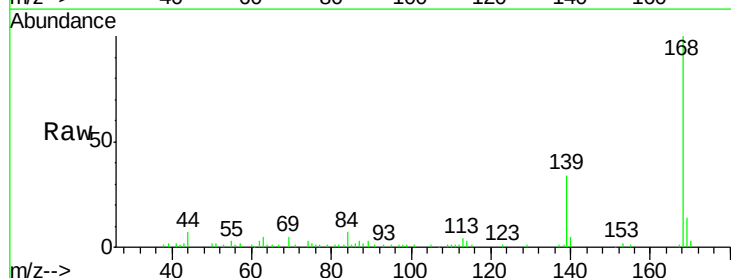
Tgt Ion:139 Resp: 18713

Ion Ratio Lower Upper

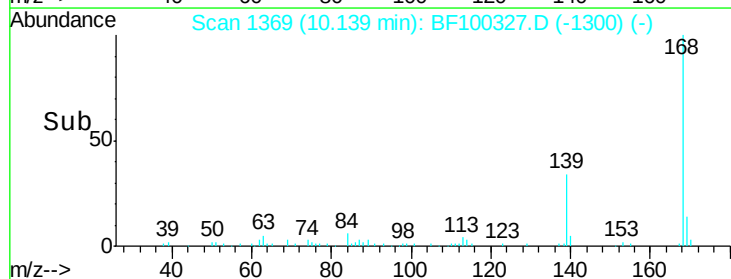
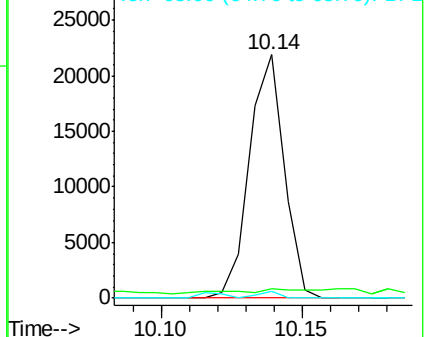
139 100

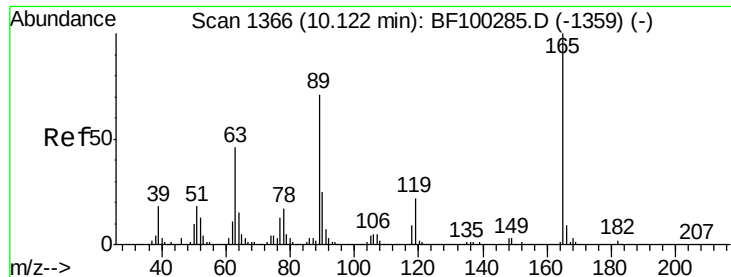
109 3.8 48.4 88.4#

65 2.9 72.6 112.6#



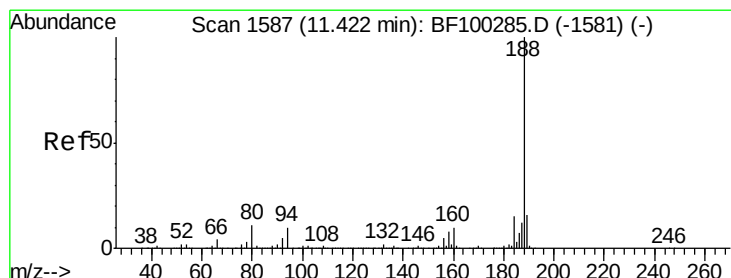
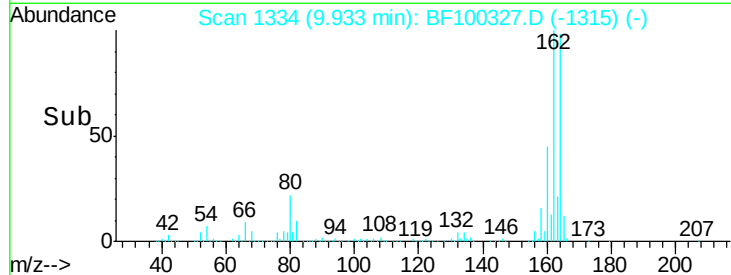
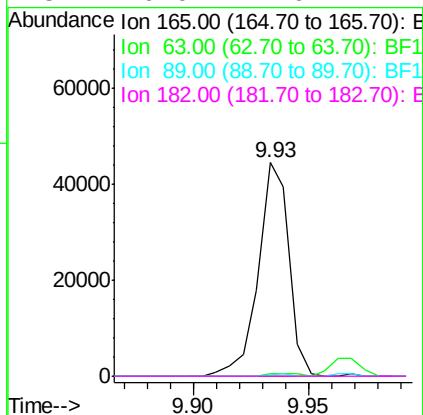
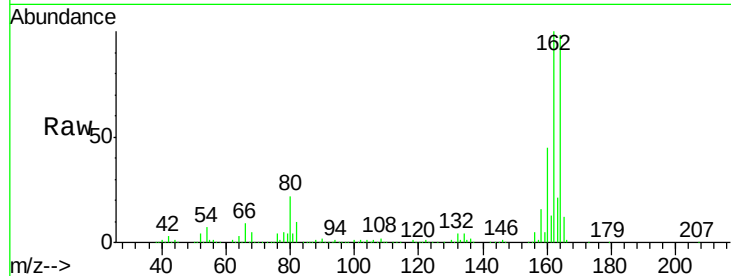
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





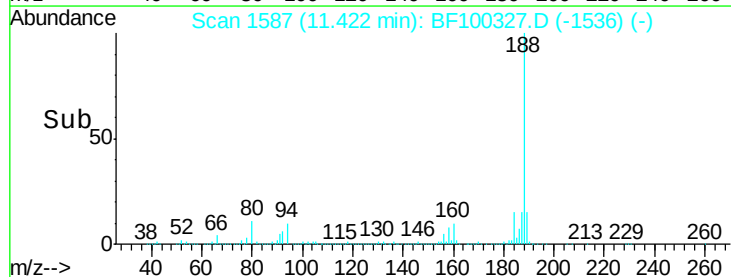
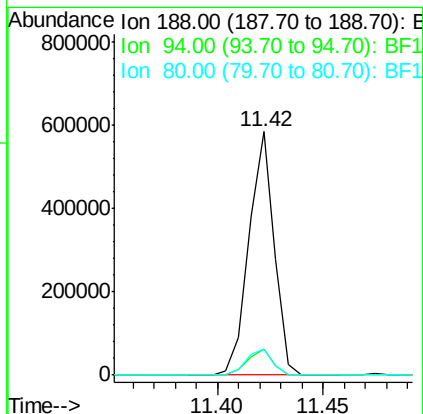
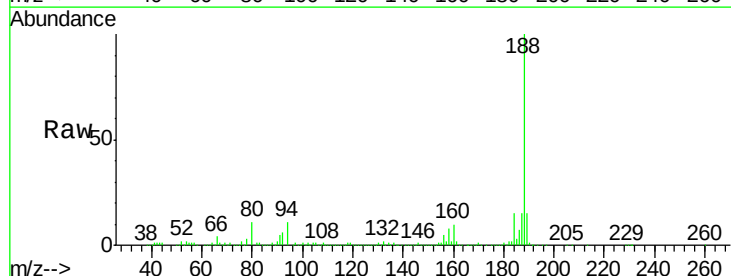
#56
 2,4-Dinitrotoluene
 Concen: 6.84 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.19 min
 Lab File: BF100327.D
 Acq: 9 Nov 2017 7:43

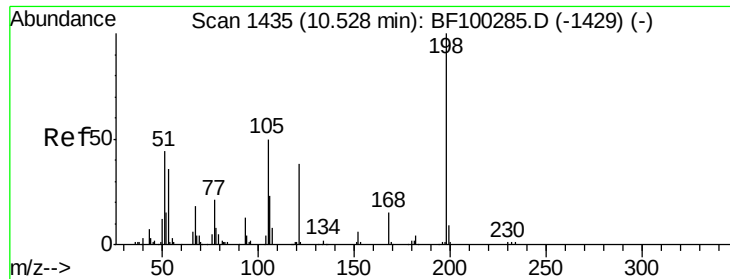
Tot Ion:	165	Resp:	41233
Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	0.9	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. 0.00 min
 Lab File: BF100327.D
 Acq: 9 Nov 2017 7:43

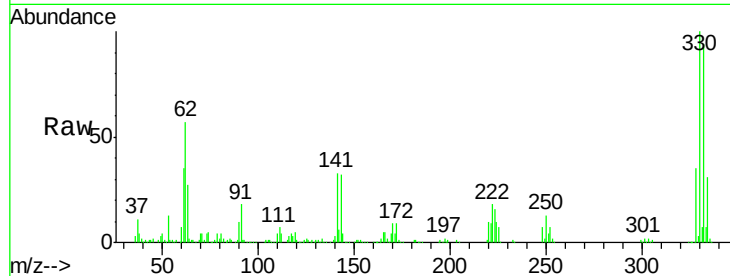
Tgt Ion:	188	Resp:	485928
Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.5	12.7
80	10.8	9.2	13.8



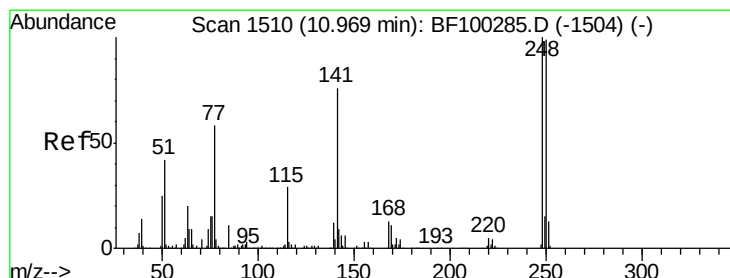
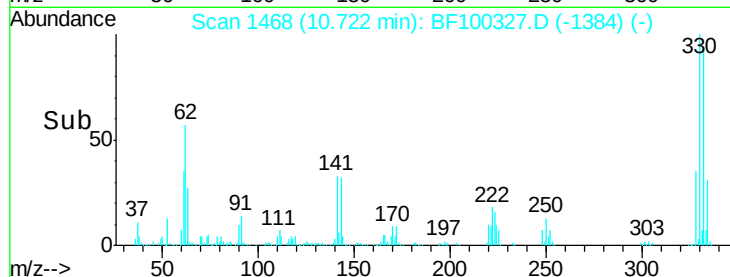
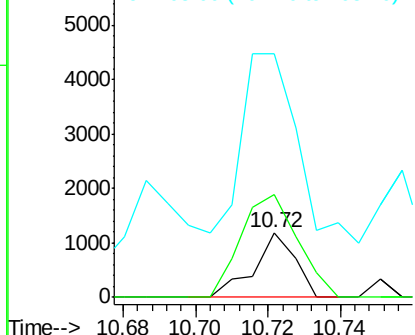


#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.88 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. 0.19 min
 Lab File: BF100327.D
 Acq: 9 Nov 2017 7:43

Tot Ion	Ratio	Lower	Upper
198	100		
51	160.5	37.7	77.7#
105	378.1	36.3	76.3#

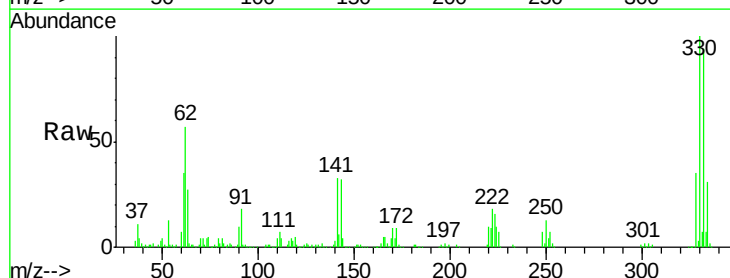


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

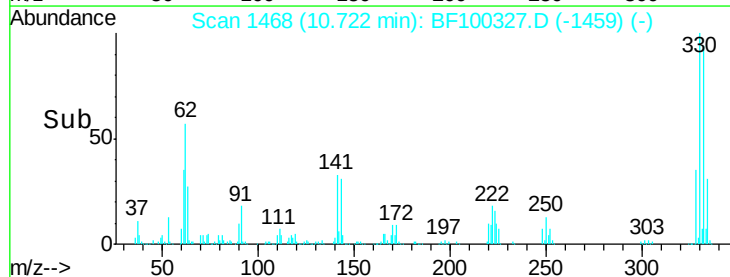
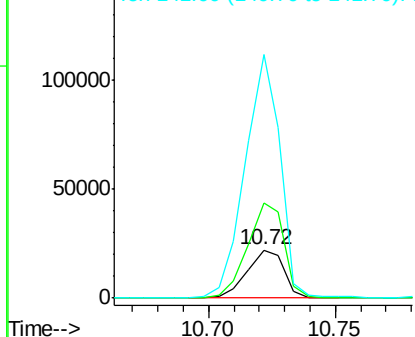


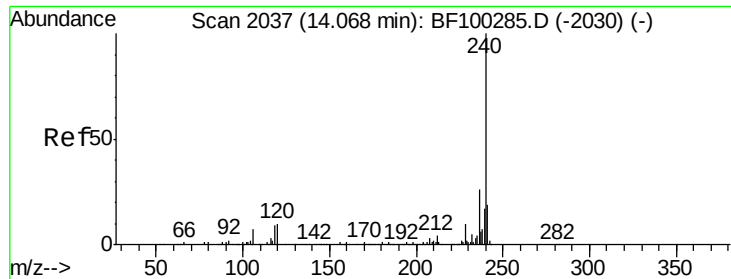
#66
 4-Bromophenyl-phenylether
 Concen: 4.27 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. -0.25 min
 Lab File: BF100327.D
 Acq: 9 Nov 2017 7:43

Tgt Ion	Ratio	Lower	Upper
248	100		
250	197.0	76.9	115.3#
141	506.4	74.4	111.6#



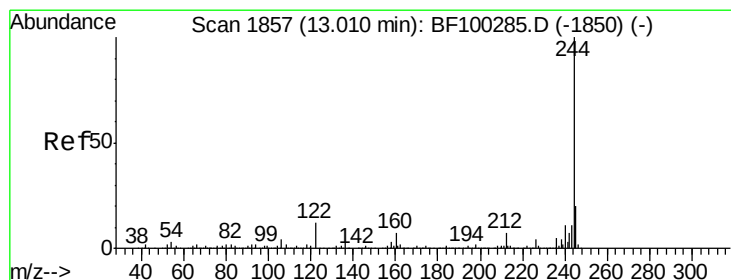
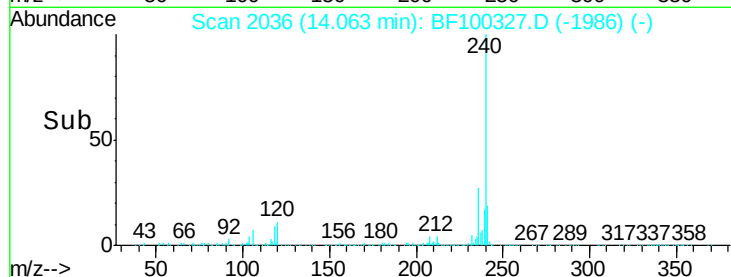
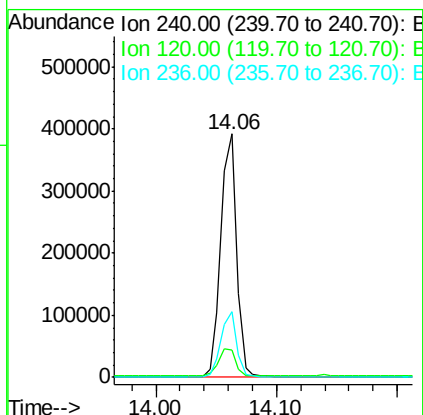
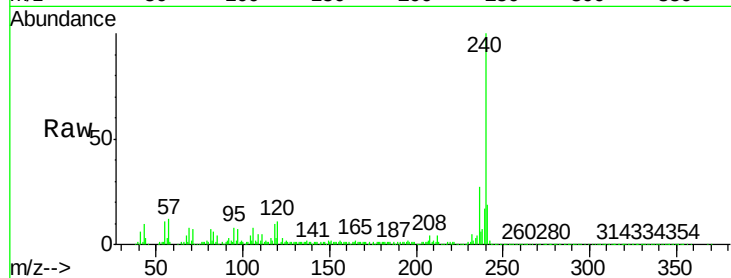
Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





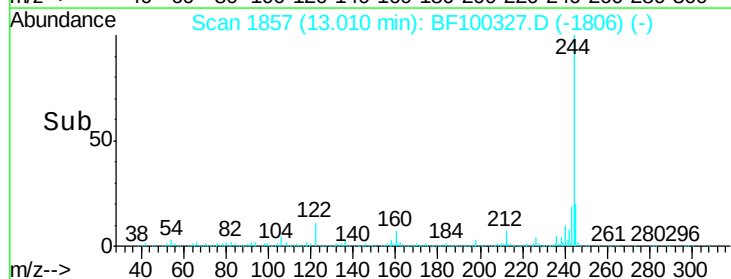
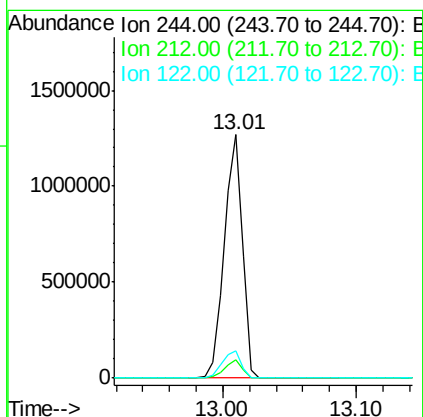
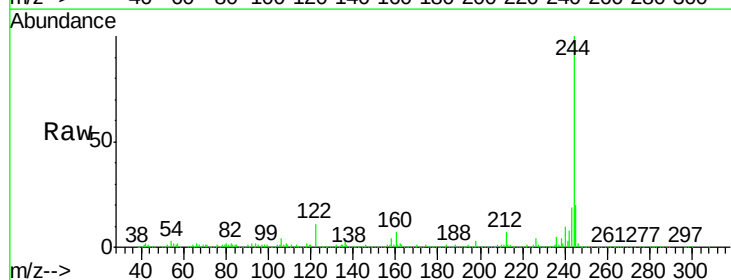
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF100327.D
Acq: 9 Nov 2017 7:43

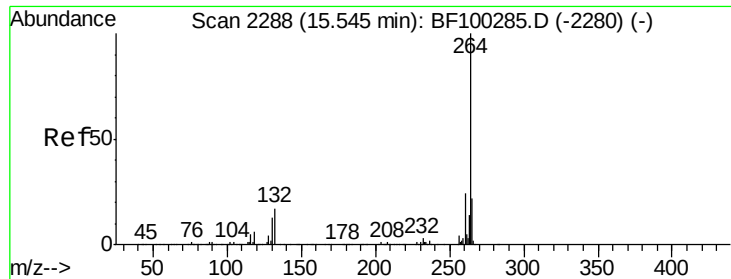
Tot Ion:240 Resp: 353577
Ion Ratio Lower Upper
240 100
120 11.3 9.5 14.3
236 26.7 20.7 31.1



#78
Terphenyl-d14
Concen: 79.23 ng
RT: 13.01 min Scan# 1857
Delta R.T. 0.00 min
Lab File: BF100327.D
Acq: 9 Nov 2017 7:43

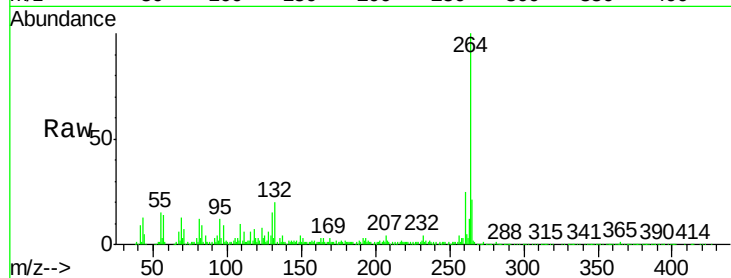
Tgt Ion:244 Resp: 1219169
Ion Ratio Lower Upper
244 100
212 7.3 5.4 8.0
122 11.2 11.0 16.4





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.54 min Scan# 2288
Delta R.T. 0.00 min
Lab File: BF100327.D
Acq: 9 Nov 2017 7:43

Tot Ion:	264	Resp:	328810
Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	21.5	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

