

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110817\
 Data File : BF100328.D
 Acq On : 9 Nov 2017 8:10
 Operator : SJ/JU
 Sample : I6381-04
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Quant Time: Nov 09 09:42:31 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	175888	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	691087	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	298606	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	476504	20.00	ng	0.00
75) Chrysene-d12	14.06	240	359078	20.00	ng	-0.01
86) Perylene-d12	15.54	264	339242	20.00	ng	0.00

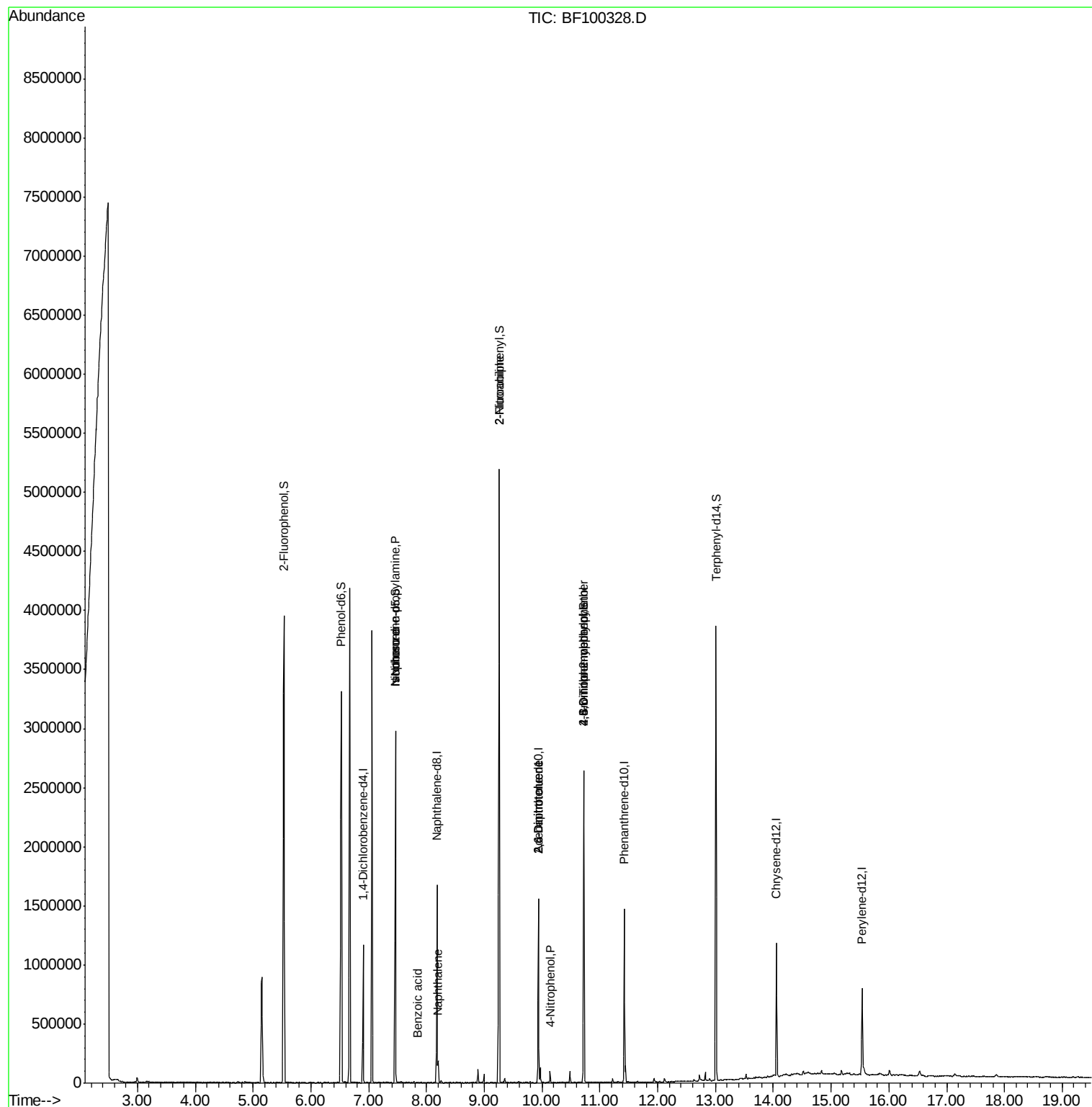
System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.53	112	1187067	108.19	ng	0.02
7) Phenol-d6	6.53	99	1313478	97.07	ng	0.00
23) Nitrobenzene-d5	7.46	82	1039288	99.42	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	331645	108.99	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1819911	92.80	ng	0.00
78) Terphenyl-d14	13.01	244	1272834	81.45	ng	0.00

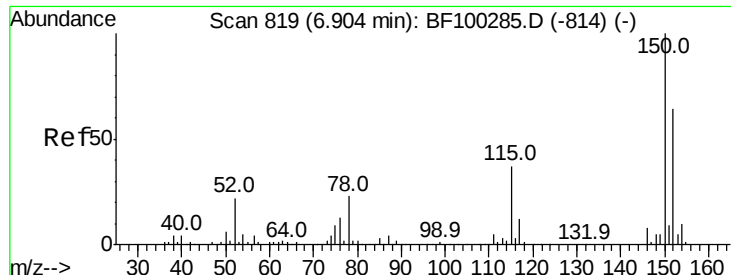
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.46	70	139683	14.886	ng	# 82
25) Isophorone	7.46	82	1039272	47.312	ng	# 64
31) Naphthalene	8.20	128	81597	2.451	ng	98
32) Benzoic acid	7.85	122	110	9.382	ng	85
47) 2-Nitroaniline	9.26	65	3202	3.329	ng	# 1
50) 2,6-Dinitrotoluene	9.93	165	38472	8.525	ng	# 26
55) 4-Nitrophenol	10.14	139	13640	3.152	ng	# 9
56) 2,4-Dinitrotoluene	9.93	165	38472	6.758	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.72	198	684	8.804	ng	# 1
66) 4-Bromophenyl-phenylether	10.72	248	20793	4.071	ng	# 1

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

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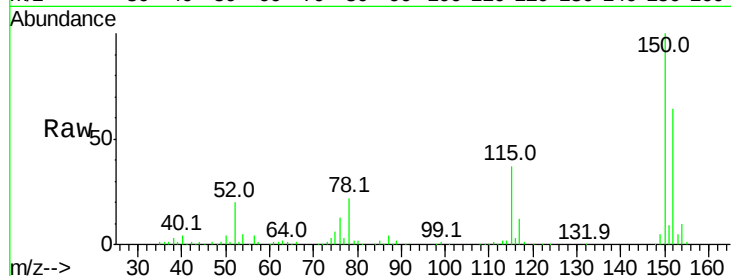




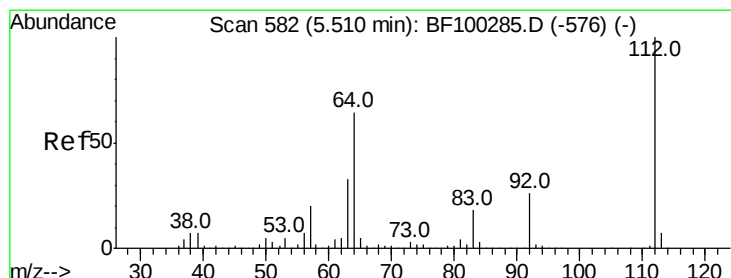
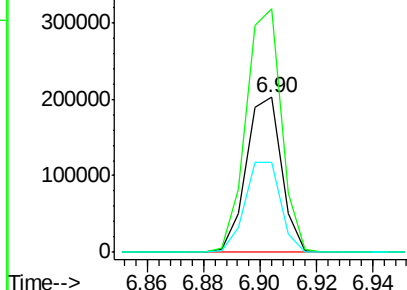
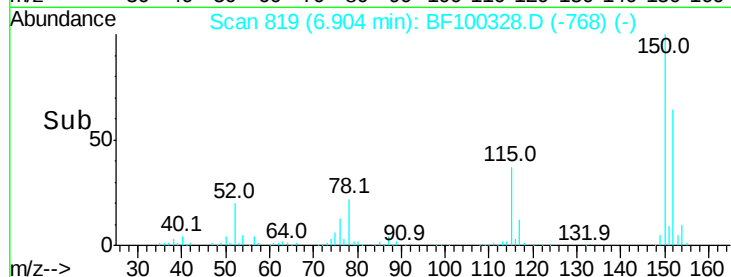
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF100328.D
Acq: 9 Nov 2017 8:10

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.6	186.8
115	57.8	50.1	75.1



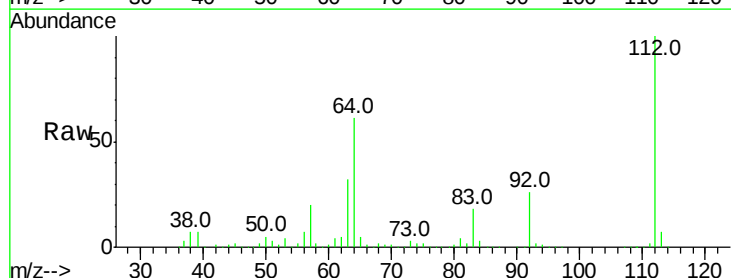
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



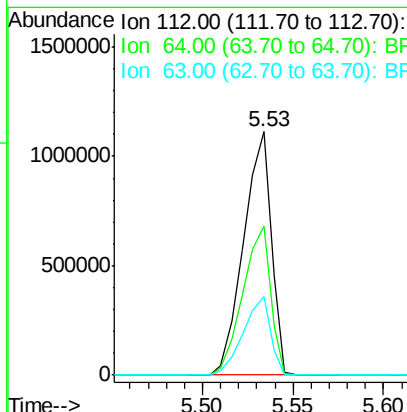
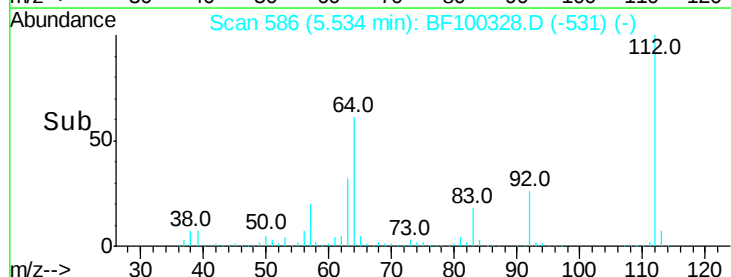
#5

2-Fluorophenol
Concen: 108.186 ng
RT: 5.53 min Scan# 586
Delta R.T. 0.02 min
Lab File: BF100328.D
Acq: 9 Nov 2017 8:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.3	47.9	71.9
63	32.1	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: 97.075 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF100328.D

Acq: 9 Nov 2017 8:10

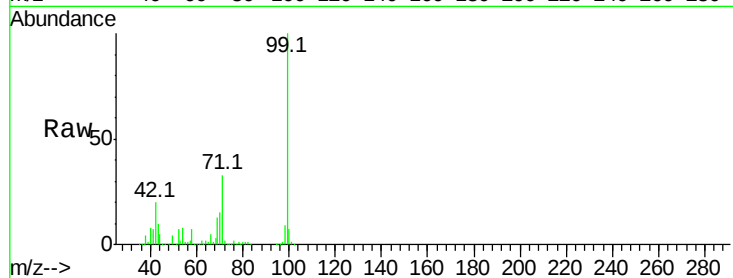
Tot Ion: 99 Resp: 1313478

Ion Ratio Lower Upper

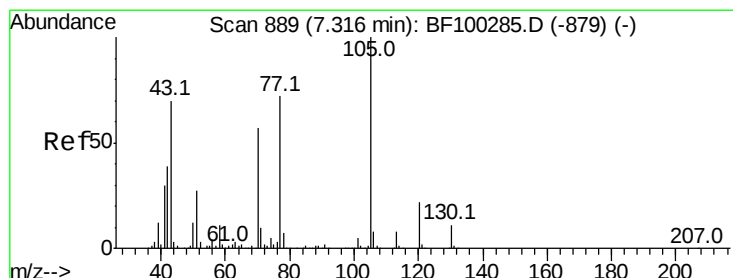
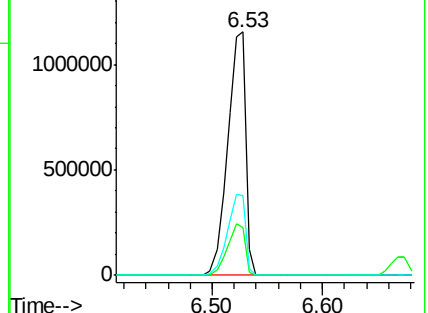
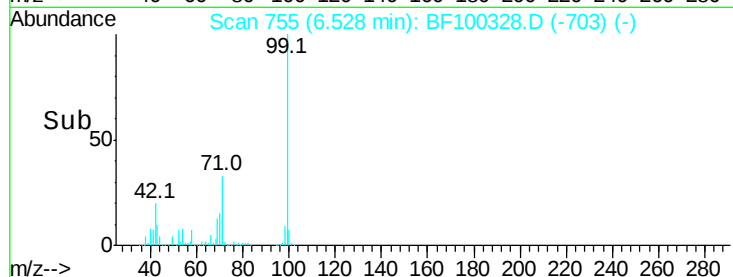
99 100

42 19.6 14.5 21.7

71 33.0 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: 14.886 ng

RT: 7.46 min Scan# 914

Delta R.T. 0.15 min

Lab File: BF100328.D

Acq: 9 Nov 2017 8:10

Tgt Ion: 70 Resp: 139683

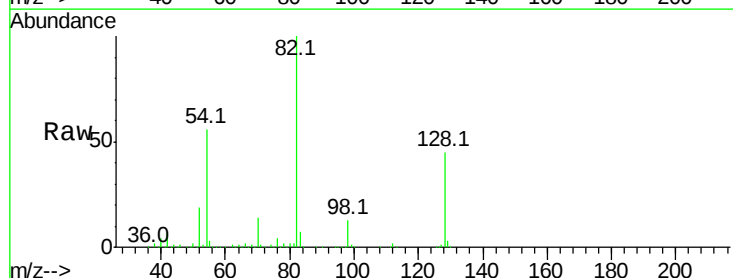
Ion Ratio Lower Upper

70 100

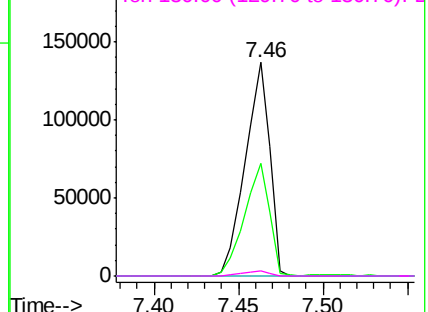
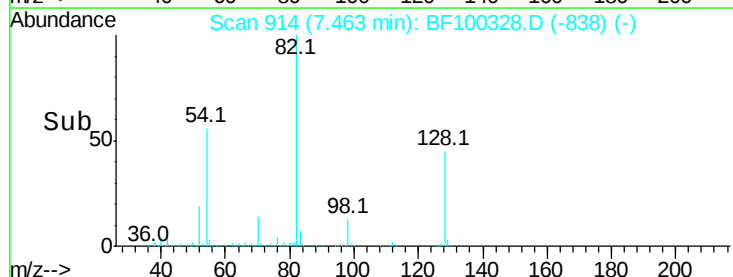
42 52.7 47.5 71.3

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#



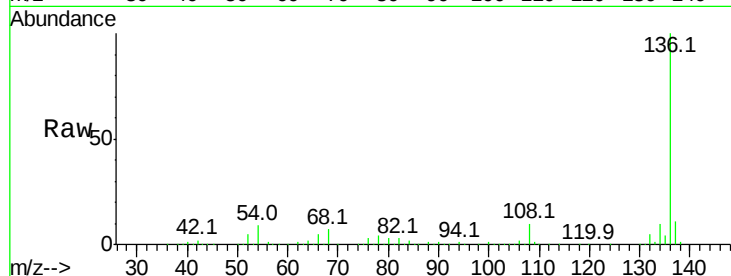
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1



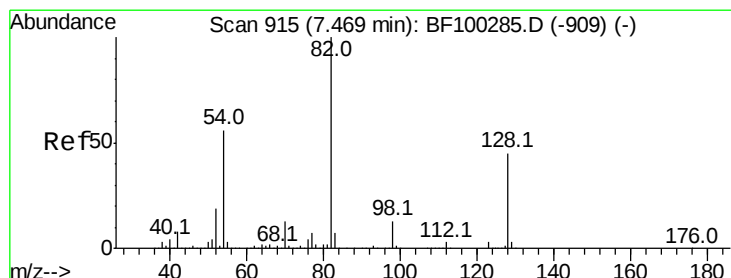
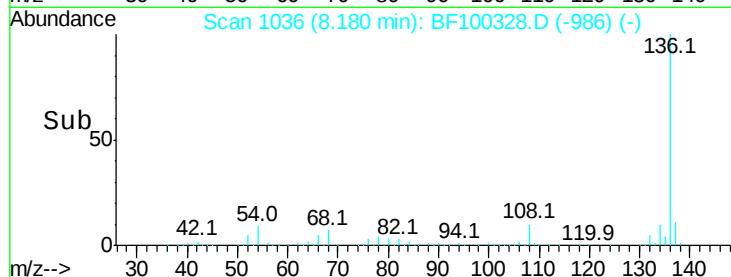
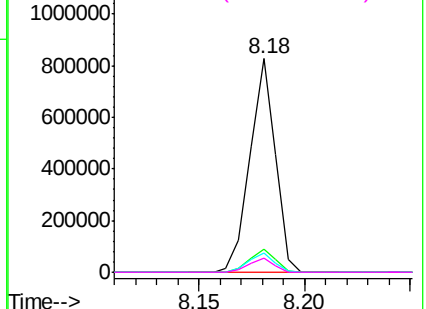


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF100328.D
Acq: 9 Nov 2017 8:10

Tot Ion:136	Resp: 691087
Ion Ratio	Lower Upper
136 100	
137 10.9	8.9 13.3
54 9.1	6.6 9.8
68 6.5	5.0 7.4

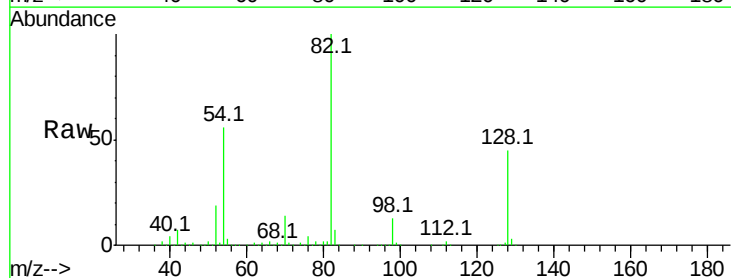


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

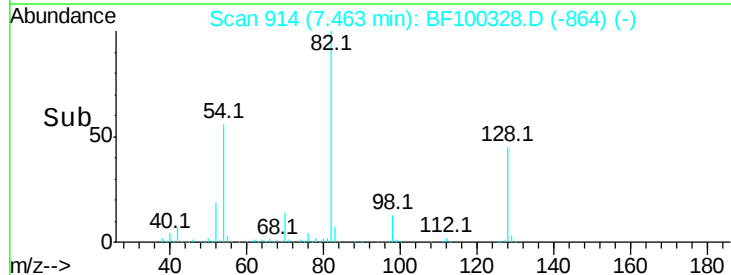
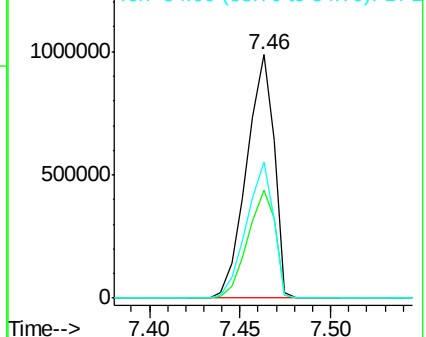


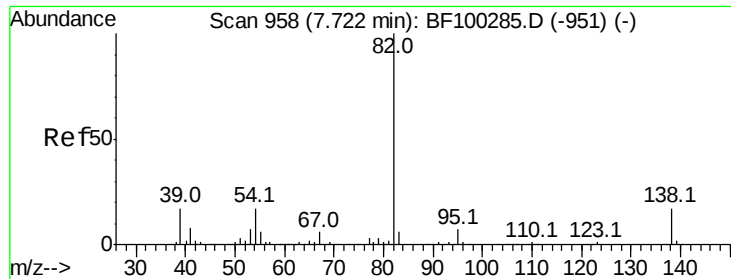
#23
Nitrobenzene-d5
Concen: 99.424 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF100328.D
Acq: 9 Nov 2017 8:10

Tgt Ion: 82	Ratio	Resp: 1039288	
82	100	Lower	Upper
128	44.6	36.1	54.1
54	56.0	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





#25

Isophorone

Concen: 47.312 ng

RT: 7.46 min Scan# 914

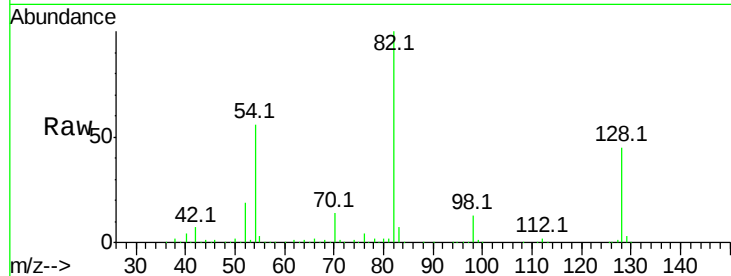
Delta R.T. -0.26 min

Lab File: BF100328.D

Acq: 9 Nov 2017 8:10

Tot Ion: 82 Resp: 1039272

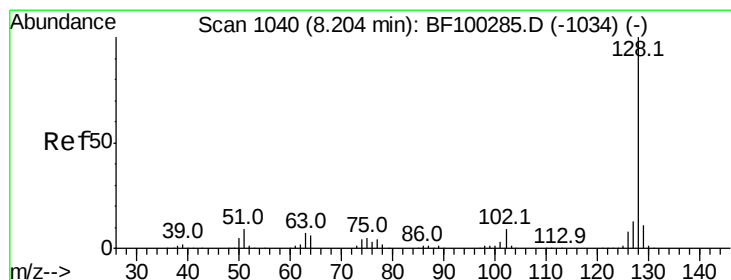
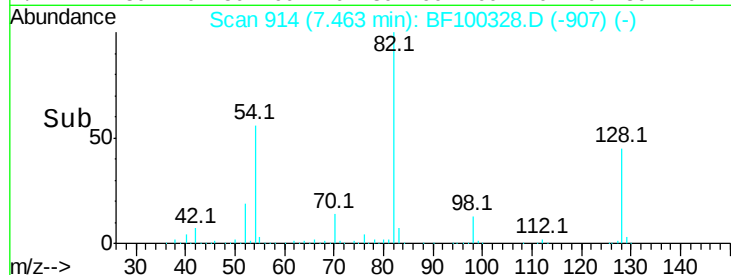
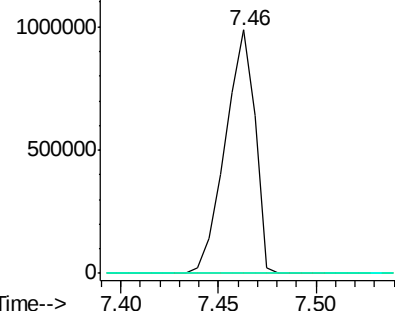
Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#



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: 2.451 ng

RT: 8.20 min Scan# 1040

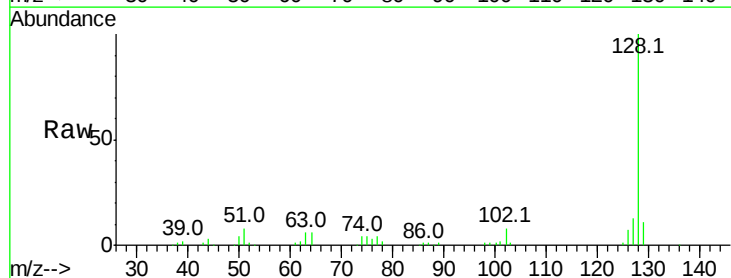
Delta R.T. -0.00 min

Lab File: BF100328.D

Acq: 9 Nov 2017 8:10

Tgt Ion: 128 Resp: 81597

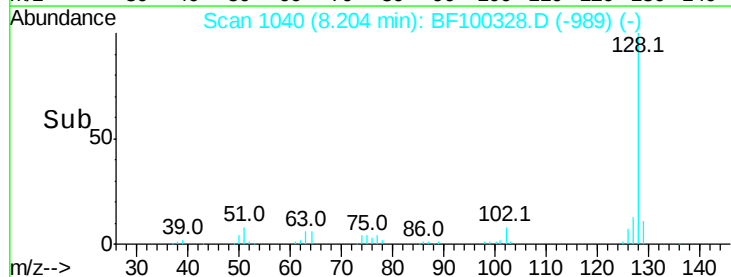
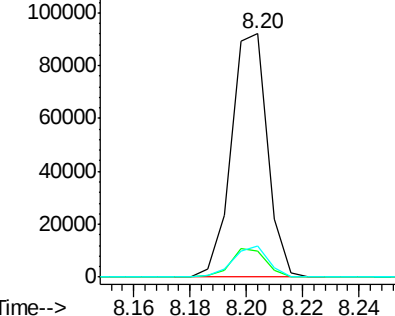
Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.8	13.2
127	12.6	10.9	16.3

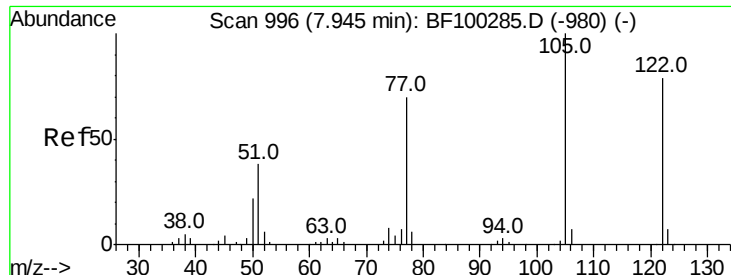


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

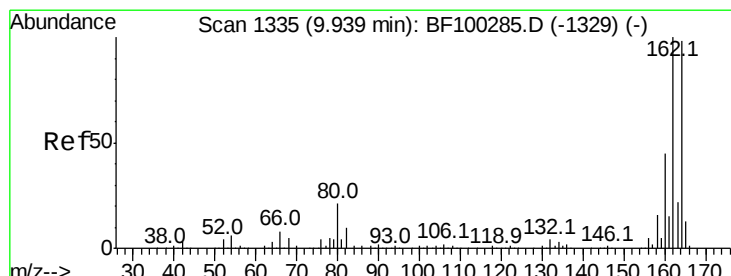
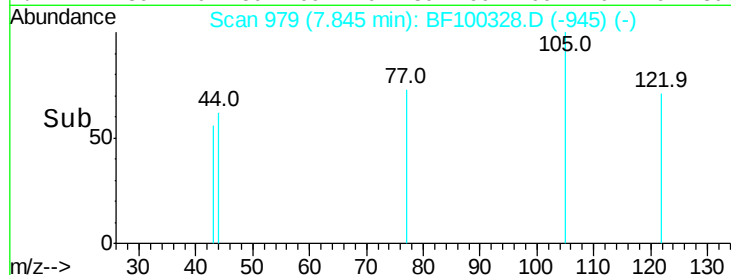
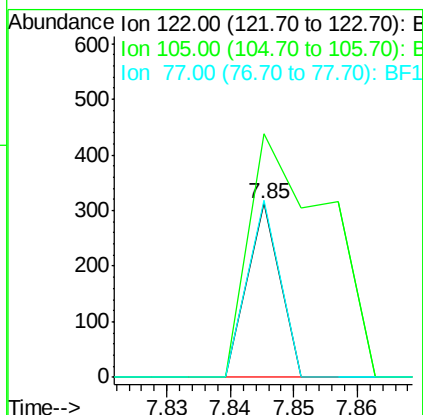
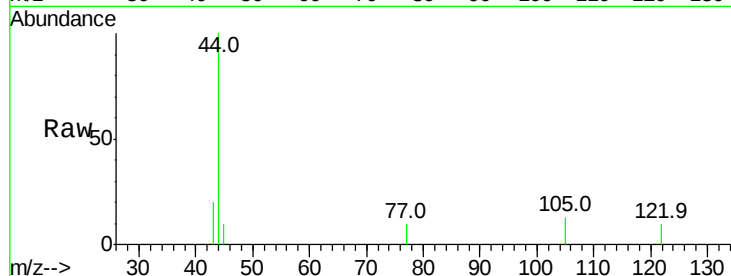
Ion 127.00 (126.70 to 127.70): E





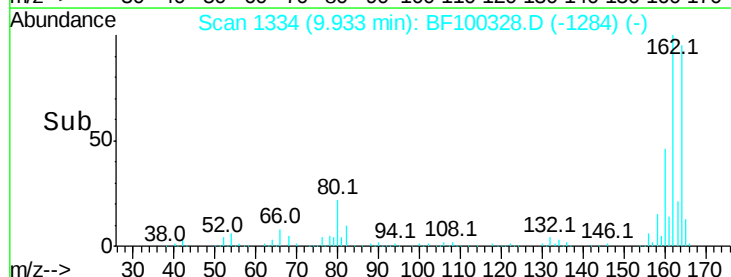
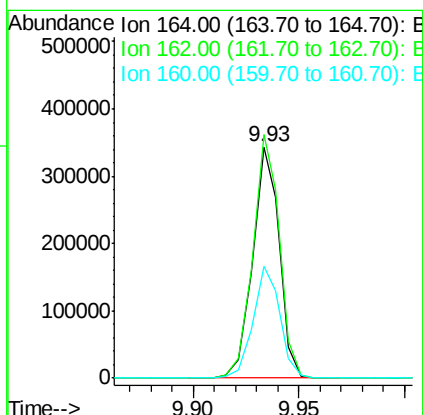
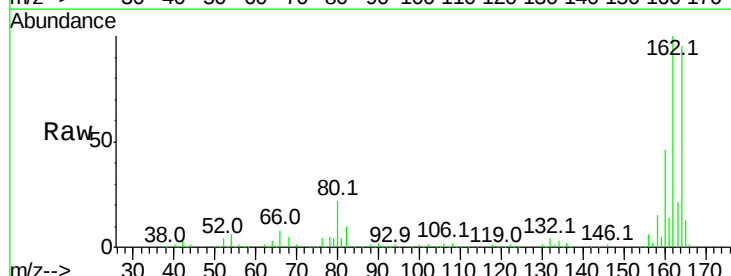
#32
Benzoic acid
Concen: 9.382 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.10 min
Lab File: BF100328.D
Acq: 9 Nov 2017 8:10

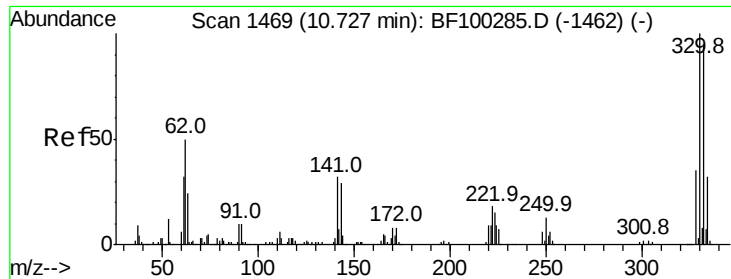
Tot Ion:122 Resp: 110
Ion Ratio Lower Upper
122 100
105 139.9 101.1 141.1
77 101.6 70.7 110.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF100328.D
Acq: 9 Nov 2017 8:10

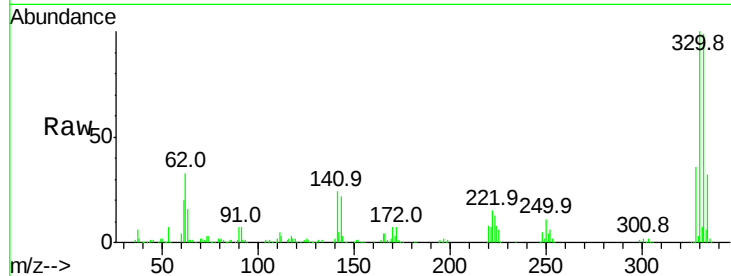
Tgt Ion:164 Resp: 298606
Ion Ratio Lower Upper
164 100
162 105.5 86.1 129.1
160 48.4 38.3 57.5



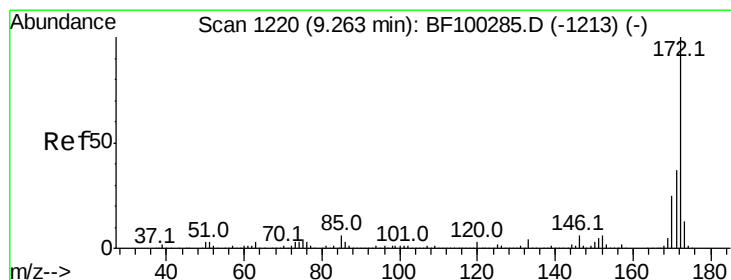
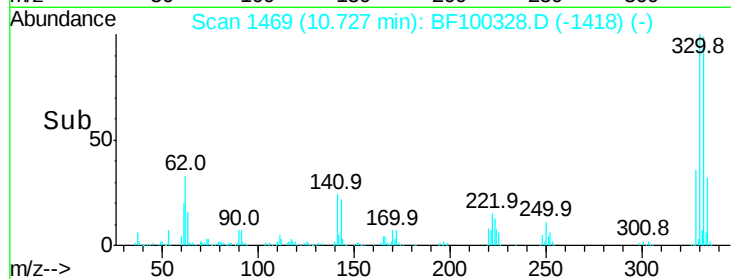
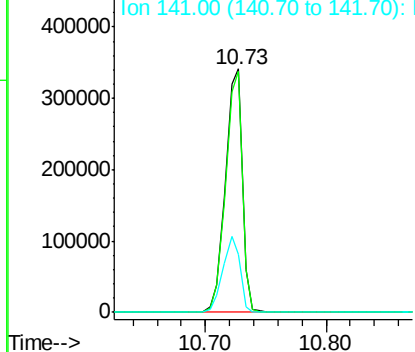


#41
 2,4,6-Tribromophenol
 Concen: 108.994 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: BF100328.D
 Acq: 9 Nov 2017 8:10

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	31.3	29.9	44.9

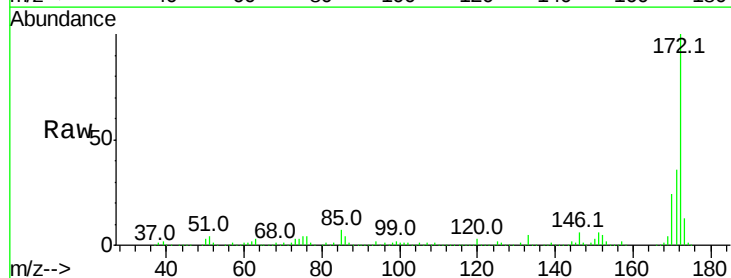


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

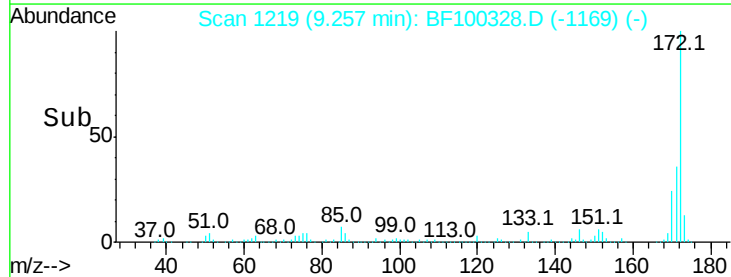
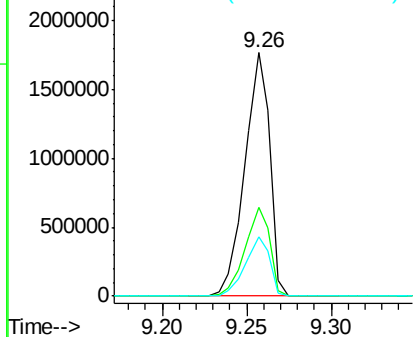


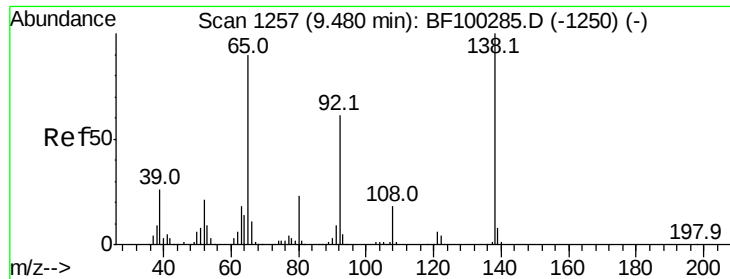
#44
 2-Fluorobiphenyl
 Concen: 92.805 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BF100328.D
 Acq: 9 Nov 2017 8:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.4	19.6	29.4



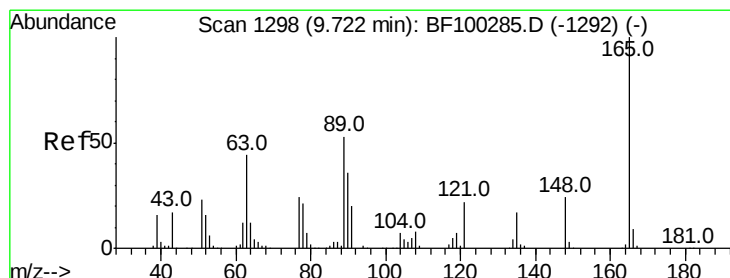
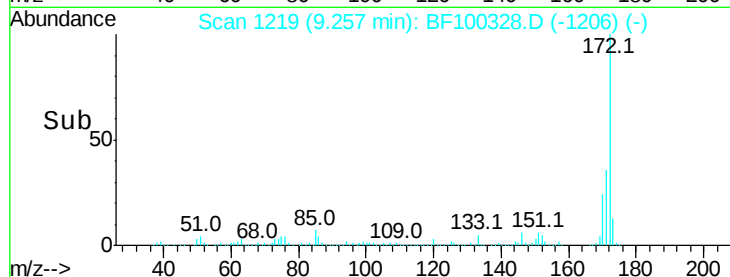
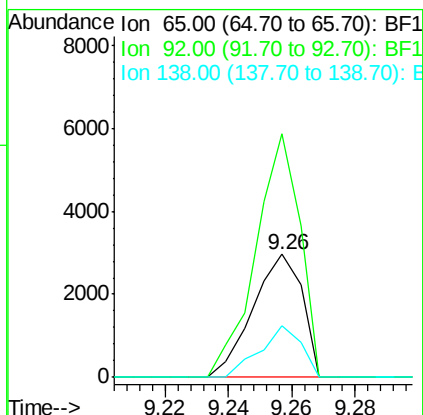
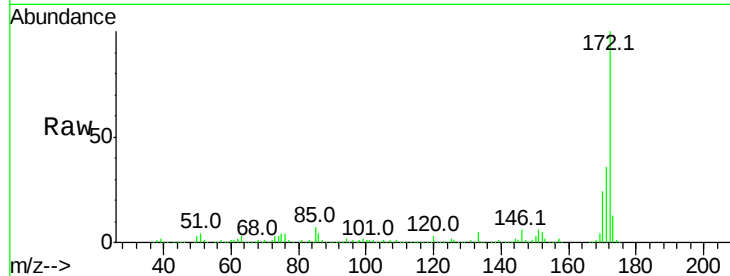
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





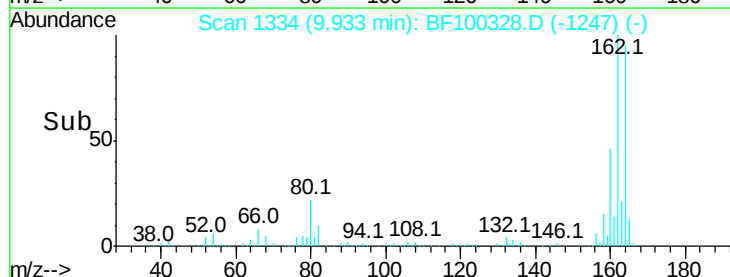
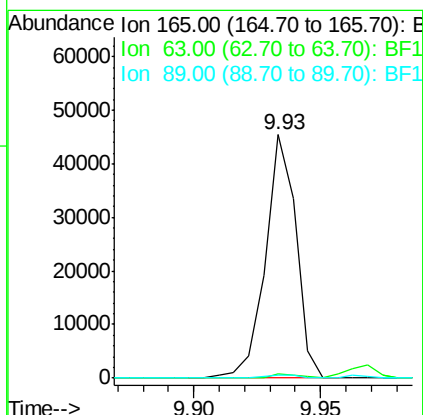
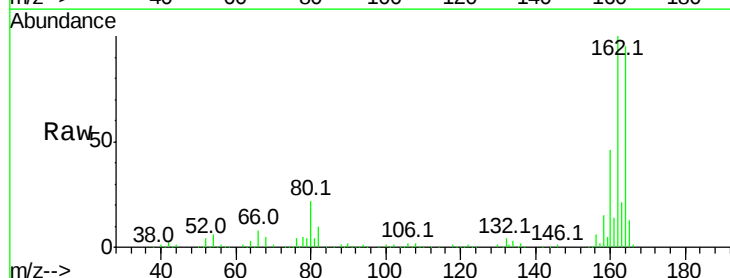
#47
2-Nitroaniline
Concen: 3.329 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.22 min
Lab File: BF100328.D
Acq: 9 Nov 2017 8:10

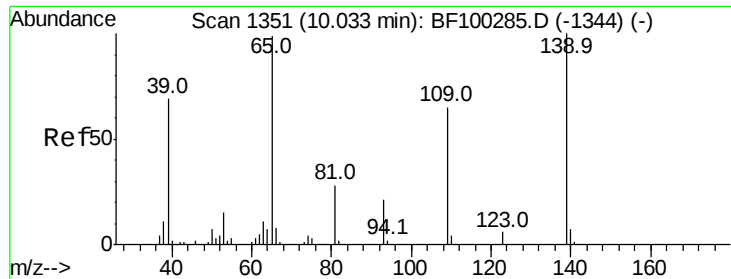
Tot Ion: 65 Resp: 3202
Ion Ratio Lower Upper
65 100
92 197.8 55.8 83.6#
138 42.1 91.2 136.8#



#50
2,6-Dinitrotoluene
Concen: 8.525 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.21 min
Lab File: BF100328.D
Acq: 9 Nov 2017 8:10

Tgt Ion:165 Resp: 38472
Ion Ratio Lower Upper
165 100
63 1.6 44.7 67.1#
89 1.2 44.0 66.0#





#55

4-Nitrophenol

Concen: 3.152 ng

RT: 10.14 min Scan# 1369

Delta R.T. 0.11 min

Lab File: BF100328.D

Acq: 9 Nov 2017 8:10

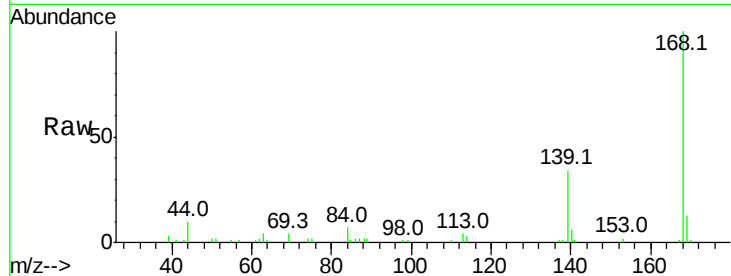
Tot Ion:139 Resp: 13640

Ion Ratio Lower Upper

139 100

109 0.0 48.4 88.4#

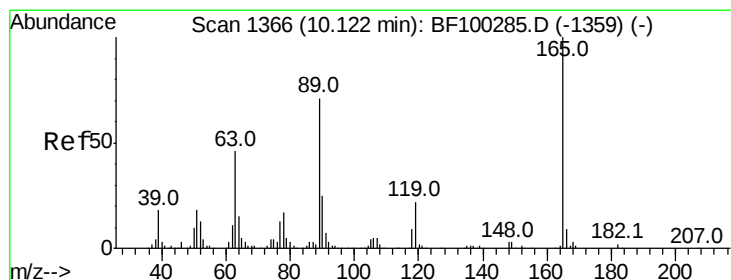
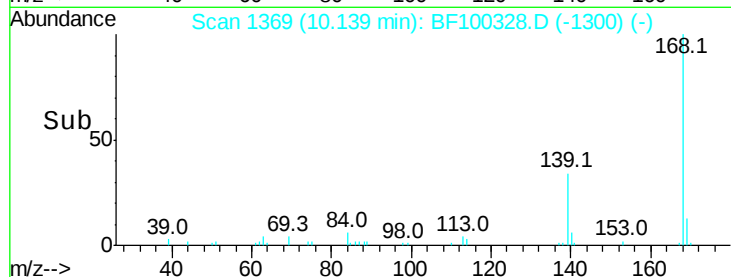
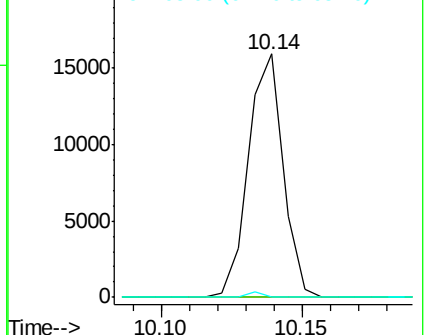
65 0.0 72.6 112.6#



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: 6.758 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.19 min

Lab File: BF100328.D

Acq: 9 Nov 2017 8:10

Tgt Ion:165 Resp: 38472

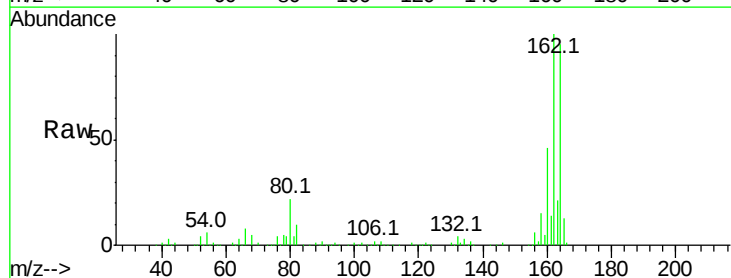
Ion Ratio Lower Upper

165 100

63 1.6 36.4 54.6#

89 1.2 57.8 86.6#

182 0.0 1.6 2.4#

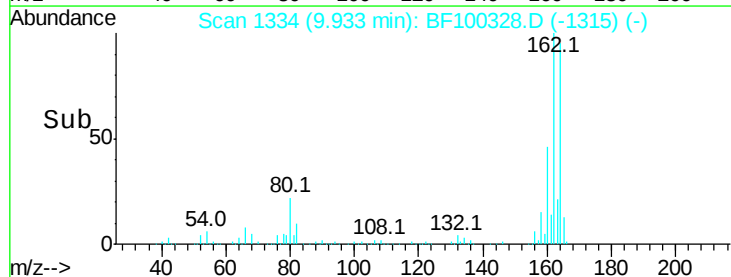
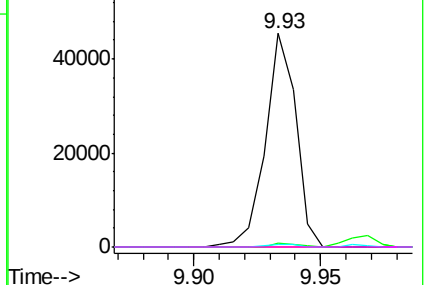


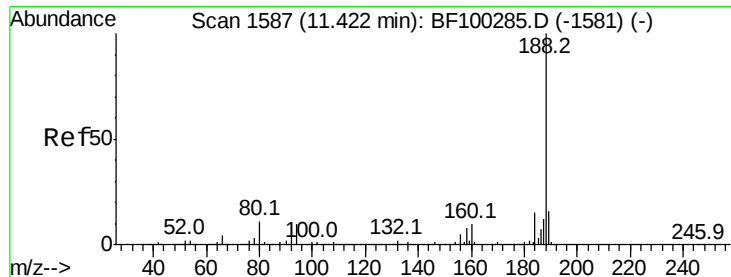
Abundance Ion 165.00 (164.70 to 165.70): E

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: BF100328.D

Acq: 9 Nov 2017 8:10

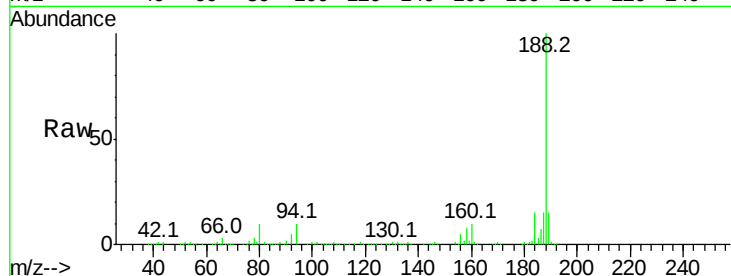
Tot Ion:188 Resp: 476504

Ion Ratio Lower Upper

188 100

94 9.9 8.5 12.7

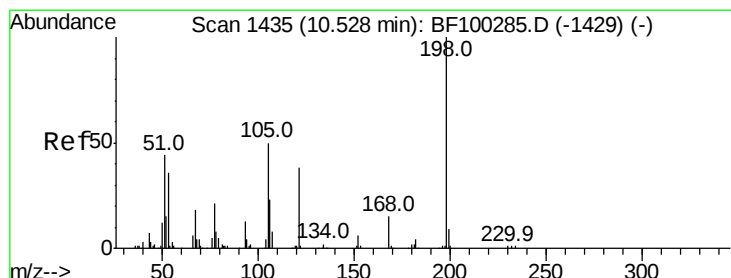
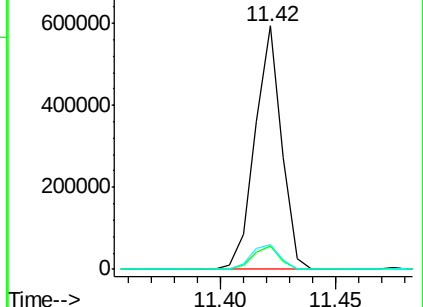
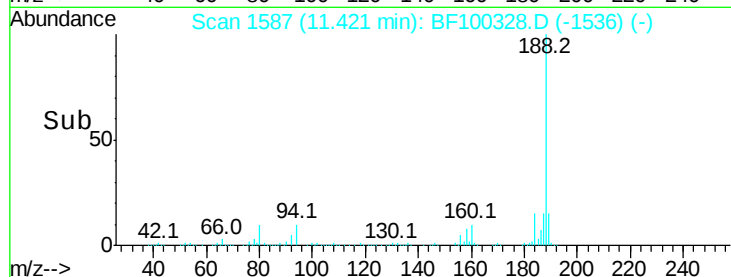
80 10.2 9.2 13.8



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: 8.804 ng

RT: 10.72 min Scan# 1468

Delta R.T. 0.19 min

Lab File: BF100328.D

Acq: 9 Nov 2017 8:10

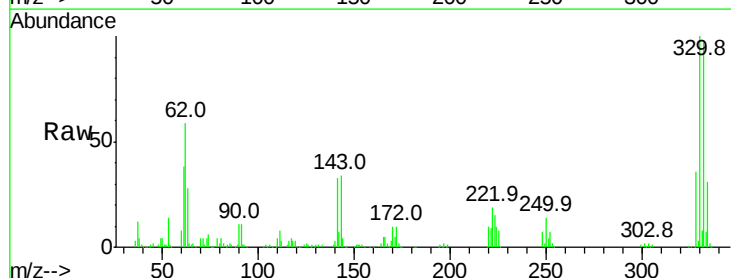
Tgt Ion:198 Resp: 684

Ion Ratio Lower Upper

198 100

51 234.4 37.7 77.7#

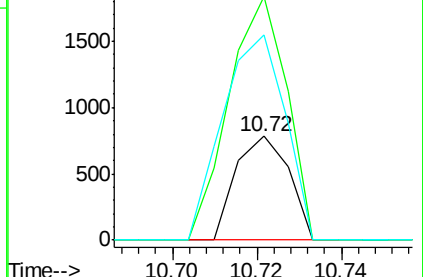
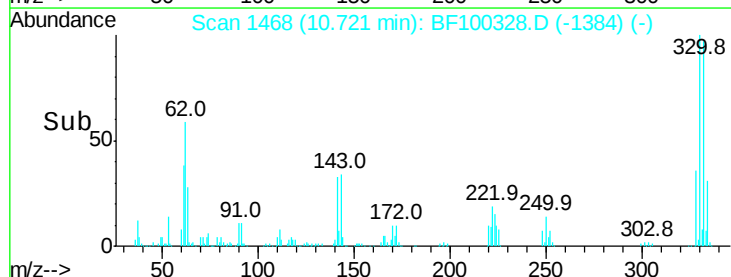
105 197.2 36.3 76.3#

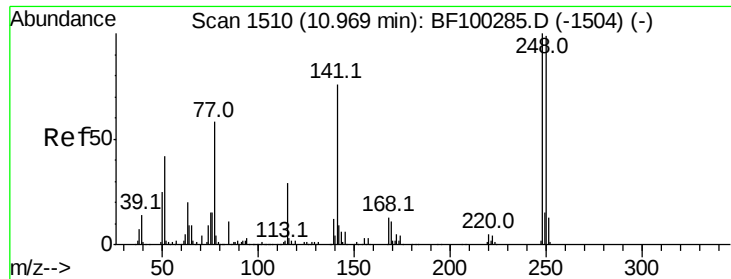


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

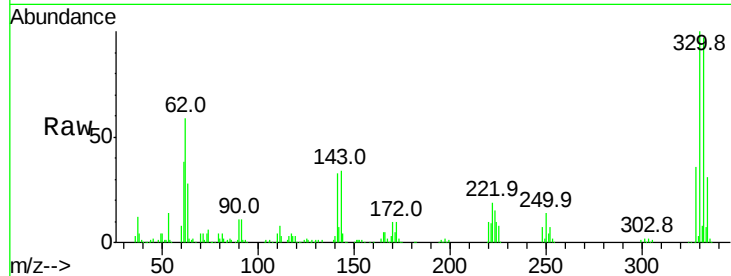
Ion 105.00 (104.70 to 105.70): E



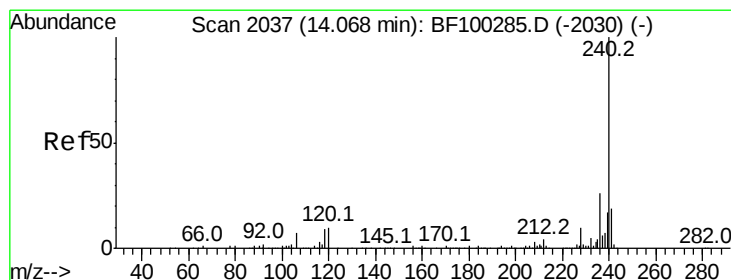
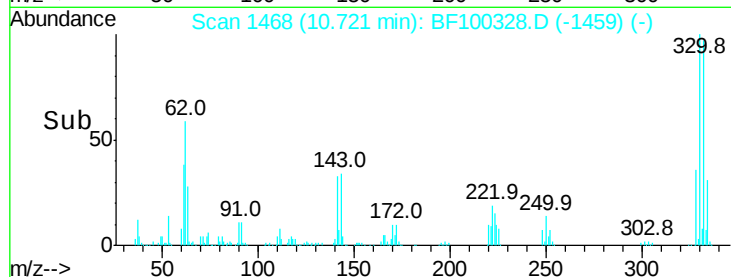
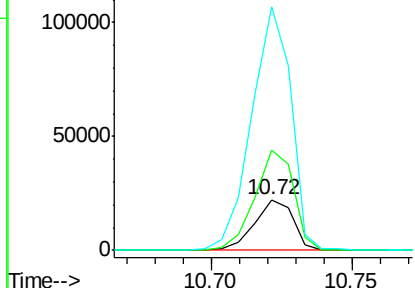


#66
4-Bromophenyl-phenylether
Concen: 4.071 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.25 min
Lab File: BF100328.D
Acq: 9 Nov 2017 8:10

Tot Ion:248 Resp: 20793
Ion Ratio Lower Upper
248 100
250 198.3 76.9 115.3#
141 483.8 74.4 111.6#

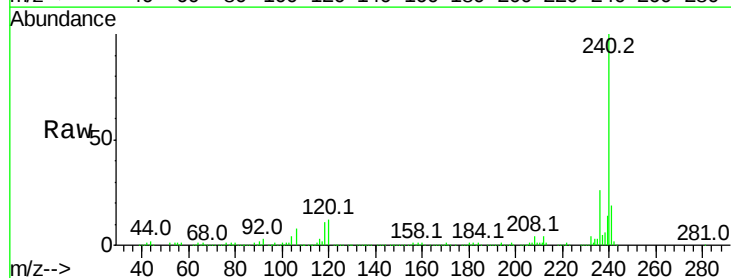


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

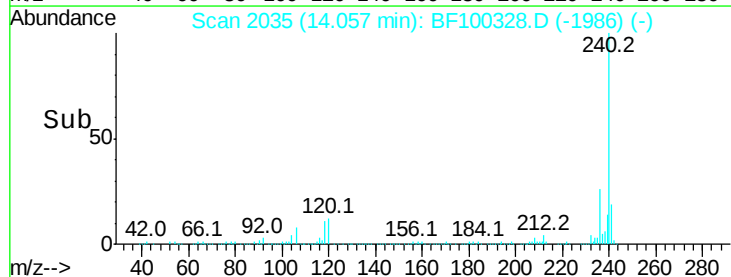
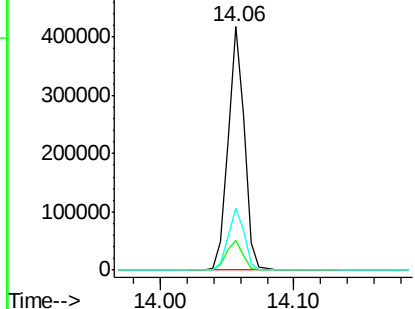


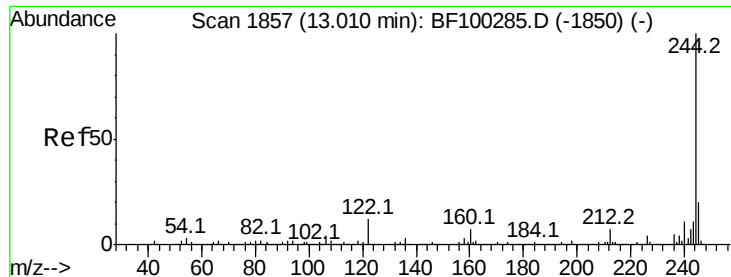
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF100328.D
Acq: 9 Nov 2017 8:10

Tgt Ion:240 Resp: 359078
Ion Ratio Lower Upper
240 100
120 12.2 9.5 14.3
236 25.5 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

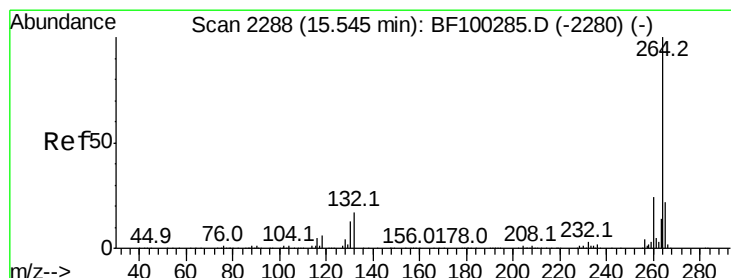
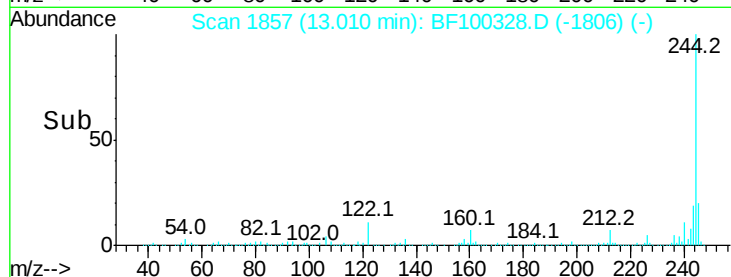
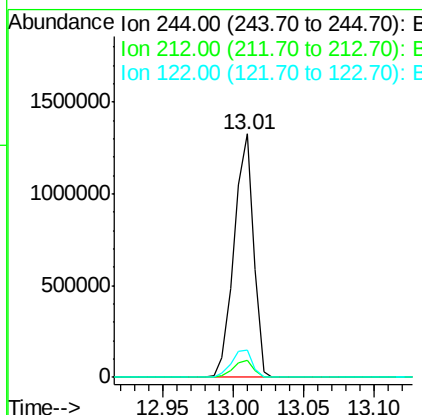
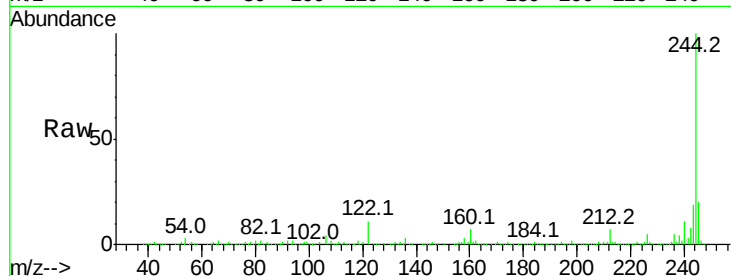




#78
 Terphenyl-d14
 Concen: 81.448 ng
 RT: 13.01 min Scan# 1857
 Delta R.T. -0.00 min
 Lab File: BF100328.D
 Acq: 9 Nov 2017 8:10

Tot Ion:244 Resp: 1272834

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	11.2	11.0	16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2287
 Delta R.T. -0.01 min
 Lab File: BF100328.D
 Acq: 9 Nov 2017 8:10

Tgt Ion:264 Resp: 339242

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.1	17.5	26.3

