

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122116\
 Data File : BF091865.D
 Acq On : 22 Dec 2016 5:45
 Operator : UM/SJ
 Sample : H6156-11
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

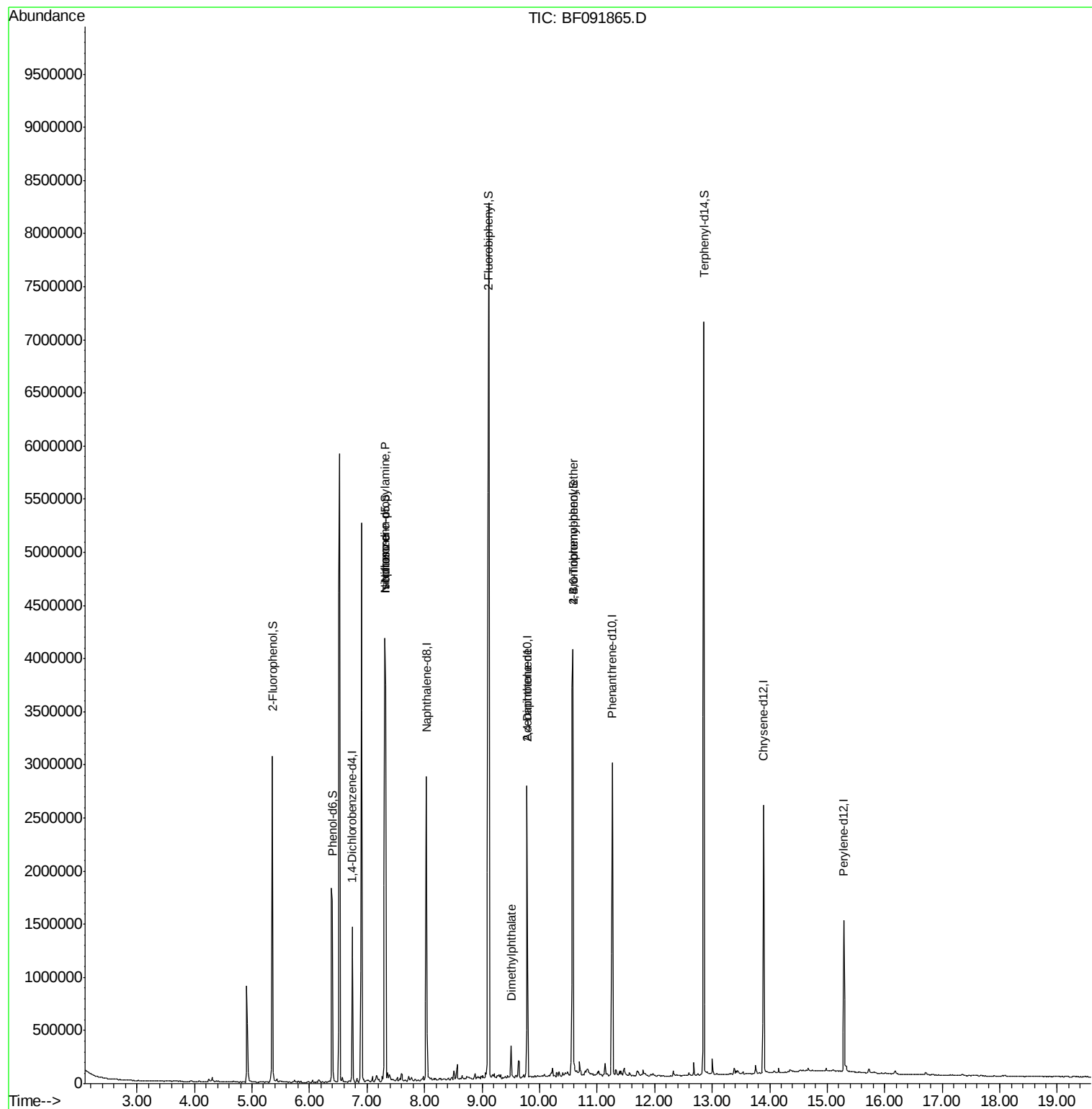
Quant Time: Dec 22 06:27:29 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 16:17:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	307496	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	1389645	20.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	684940	20.00	ng	-0.01
63) Phenanthrene-d10	11.26	188	1151227	20.00	ng	0.00
75) Chrysene-d12	13.89	240	843415	20.00	ng	-0.01
86) Perylene-d12	15.29	264	645596	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1312961	71.29	ng	0.01
7) Phenol-d6	6.40	99	972127	43.24	ng	-0.01
23) Nitrobenzene-d5	7.31	82	2456433	98.29	ng	-0.01
41) 2,4,6-Tribromophenol	10.58	330	793108	139.92	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	3595407	111.59	ng	0.00
78) Terphenyl-d14	12.85	244	2492513	71.67	ng	0.00
Target Compounds						
9) Benzaldehyde	6.40	77	1673	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.31	70	320344	21.42	ng	# 76
25) Isophorone	7.31	82	1953256	42.36	ng	# 65
37) 2-Methylnaphthalene	8.74	142	1595	Below Cal	#	58
49) Dimethylphthalate	9.50	163	113685	2.60	ng	99
56) 2,4-Dinitrotoluene	9.78	165	89740	7.46	ng	# 20
66) 4-Bromophenyl-phenylether	10.58	248	51565	4.31	ng	# 1
71) Anthracene	11.33	178	1787	Below Cal	#	73
73) Di-n-butylphthalate	11.84	149	8813	Below Cal	#	93
74) Fluoranthene	12.47	202	815	Below Cal	#	8
76) Benzydine	12.74	184	1105	Below Cal	#	1

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF091865.D

Acq: 22 Dec 2016 5:45

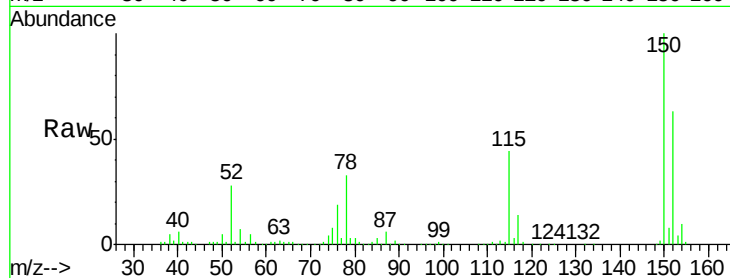
Tgt Ion:152 Resp: 307496

Ion Ratio Lower Upper

152 100

150 159.0 124.9 187.3

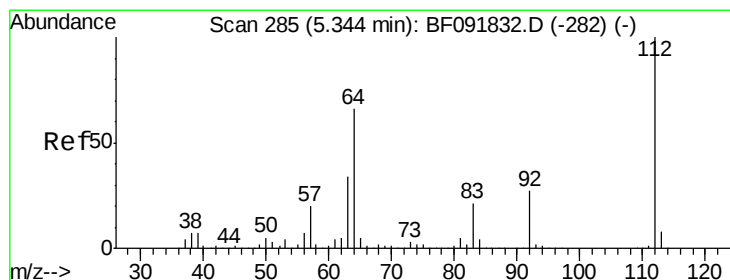
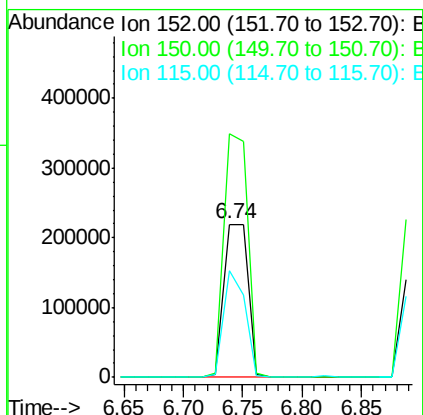
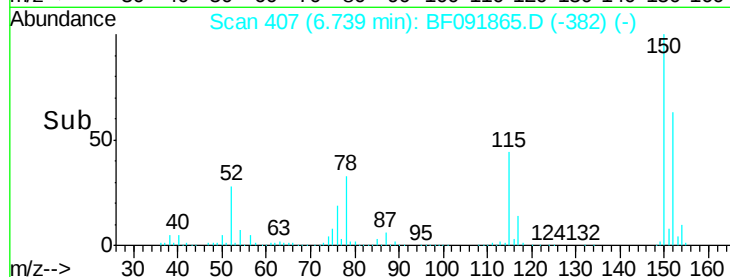
115 69.8 46.0 69.0#



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: 71.29 ng

RT: 5.36 min Scan# 286

Delta R.T. 0.01 min

Lab File: BF091865.D

Acq: 22 Dec 2016 5:45

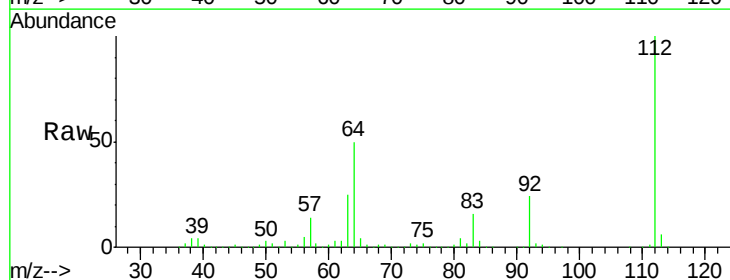
Tgt Ion:112 Resp: 1312961

Ion Ratio Lower Upper

112 100

64 49.6 46.1 69.1

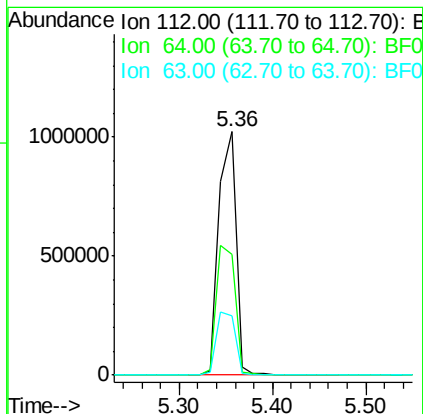
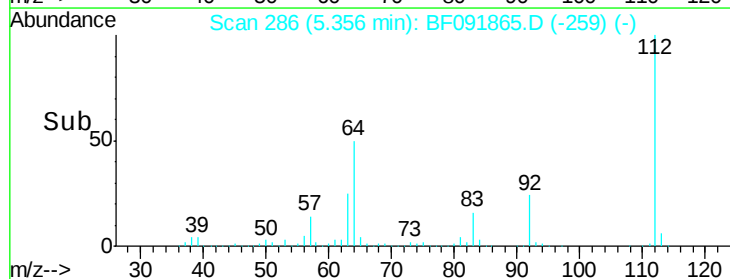
63 24.6 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 43.24 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF091865.D

Acq: 22 Dec 2016 5:45

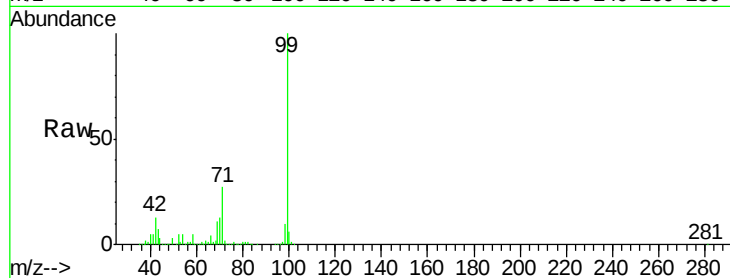
Tgt Ion: 99 Resp: 972127

Ion Ratio Lower Upper

99 100

42 13.2 15.6 23.4#

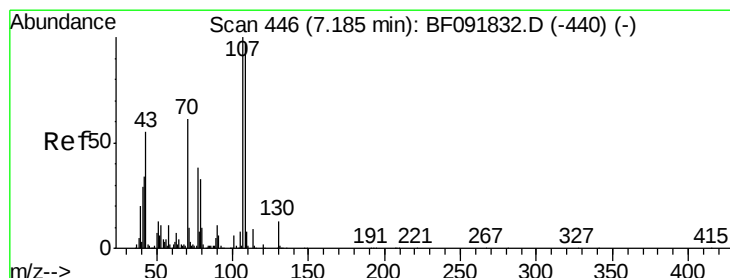
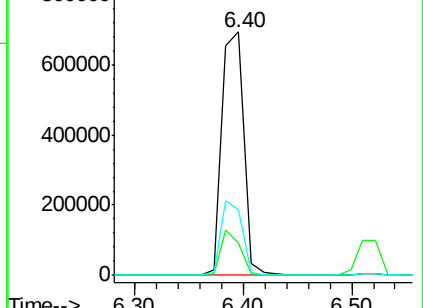
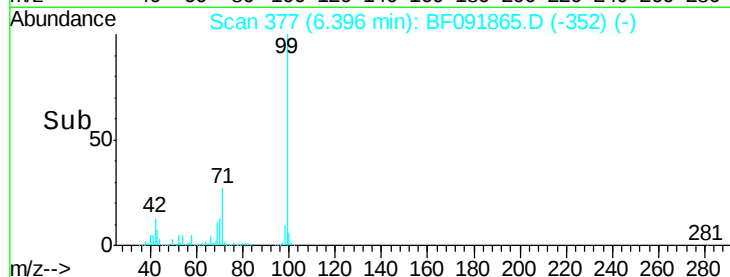
71 26.8 27.5 41.3#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 21.42 ng

RT: 7.31 min Scan# 457

Delta R.T. 0.13 min

Lab File: BF091865.D

Acq: 22 Dec 2016 5:45

Tgt Ion: 70 Resp: 320344

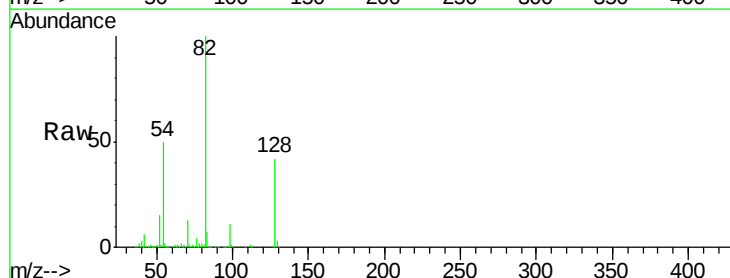
Ion Ratio Lower Upper

70 100

42 46.4 49.4 74.0#

101 0.0 7.4 11.2#

130 2.1 14.2 21.4#

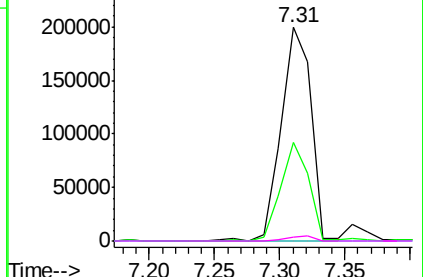
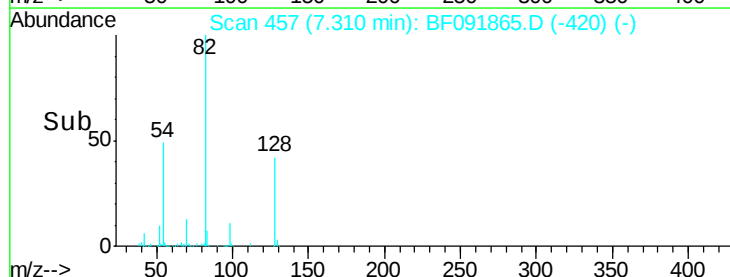


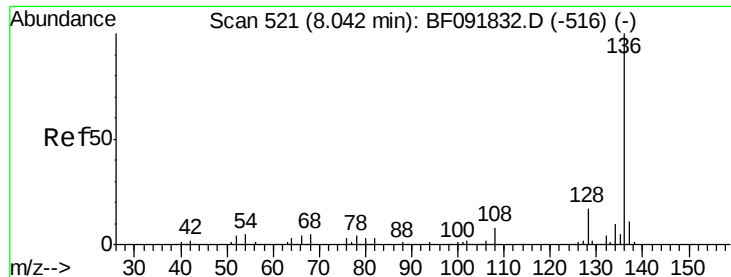
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

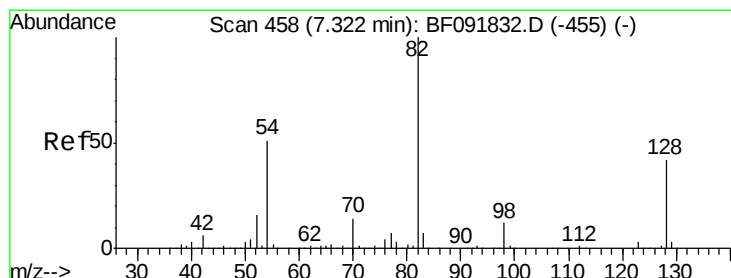
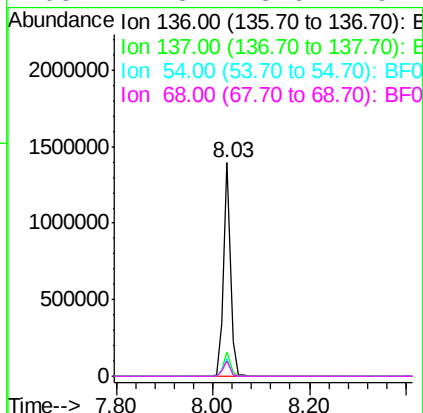
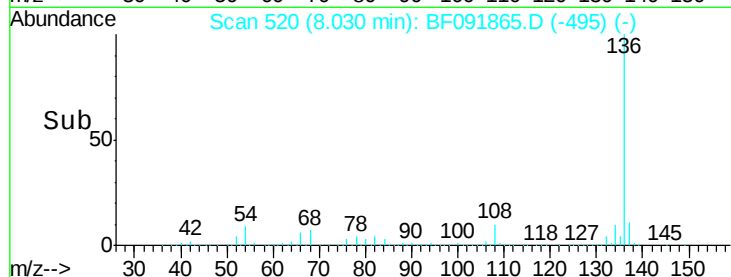
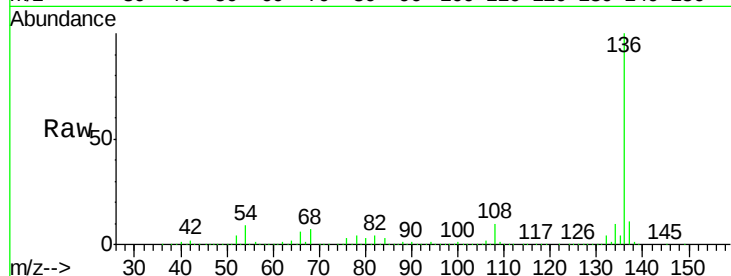
Ion 130.00 (129.70 to 130.70): BF0





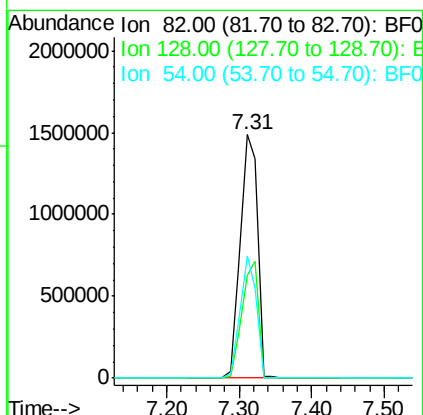
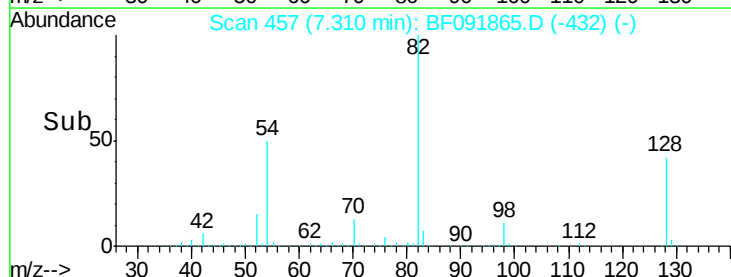
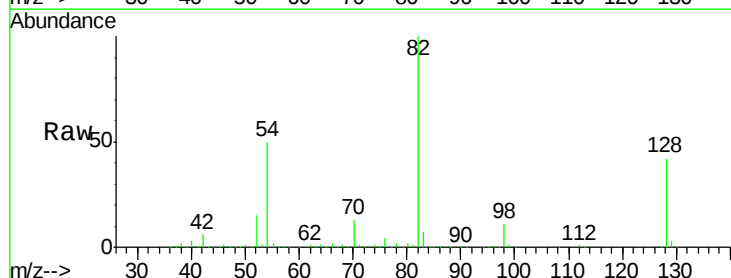
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.01 min
Lab File: BF091865.D
Acq: 22 Dec 2016 5:45

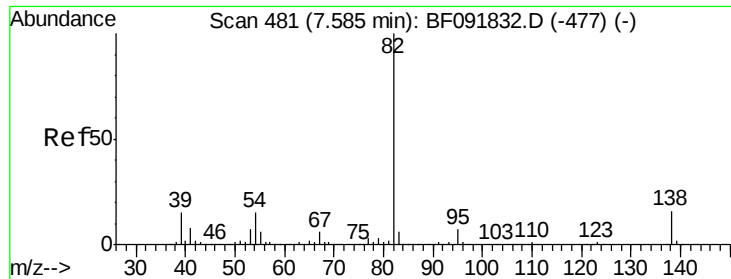
Tgt Ion:	136	Resp:	1389645
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.4	12.6
54	8.7	4.5	6.7#
68	7.3	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 98.29 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF091865.D
Acq: 22 Dec 2016 5:45

Tgt Ion:	82	Resp:	2456433
Ion	Ratio	Lower	Upper
82	100		
128	42.3	34.6	52.0
54	49.9	39.5	59.3





#25

Isophorone

Concen: 42.36 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.27 min

Lab File: BF091865.D

Acq: 22 Dec 2016 5:45

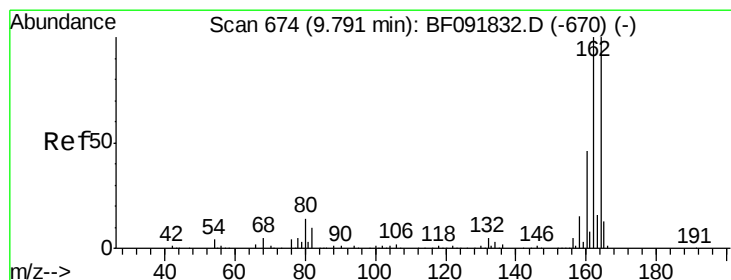
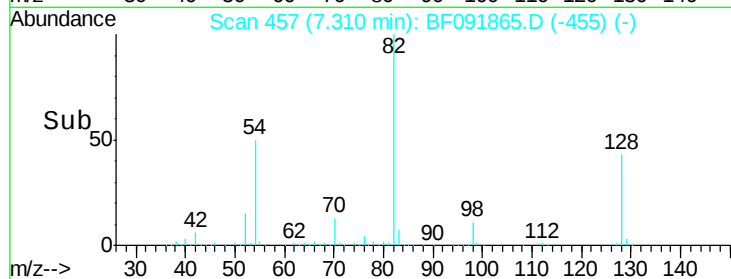
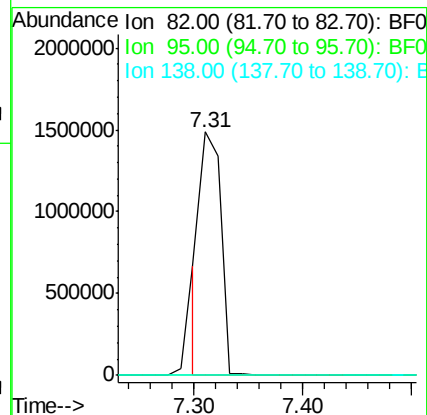
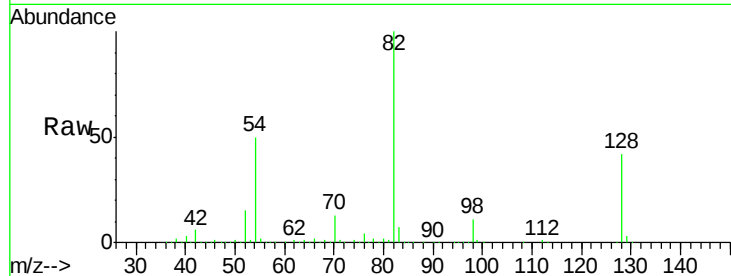
Tgt Ion: 82 Resp: 1953256

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 14.6 22.0#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.01 min

Lab File: BF091865.D

Acq: 22 Dec 2016 5:45

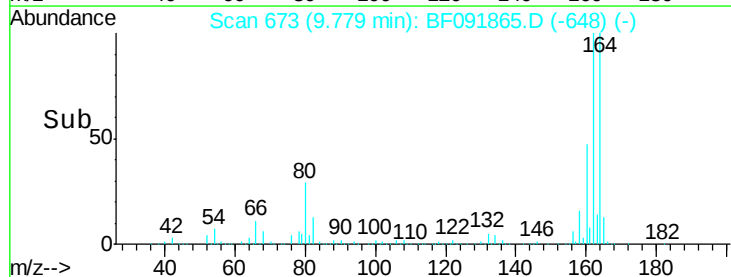
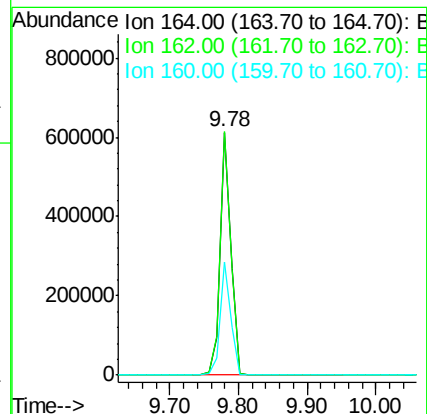
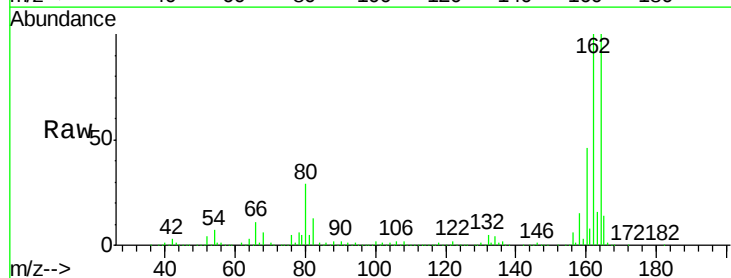
Tgt Ion: 164 Resp: 684940

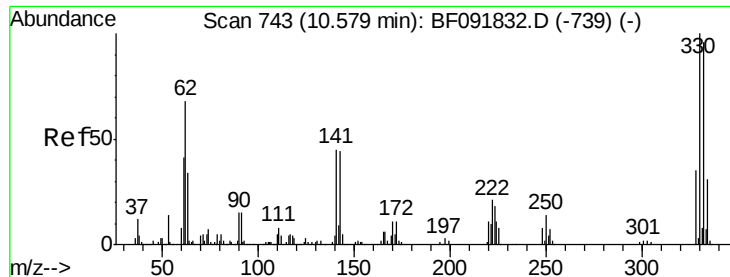
Ion Ratio Lower Upper

164 100

162 100.2 80.2 120.2

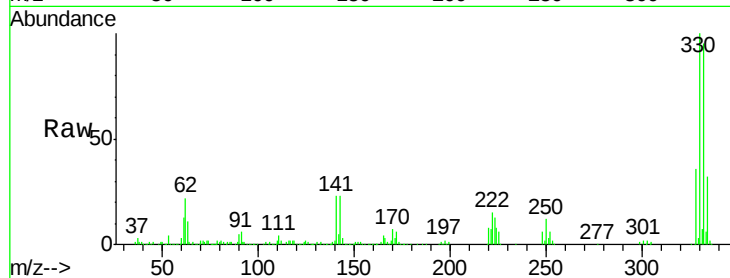
160 46.5 36.9 55.3



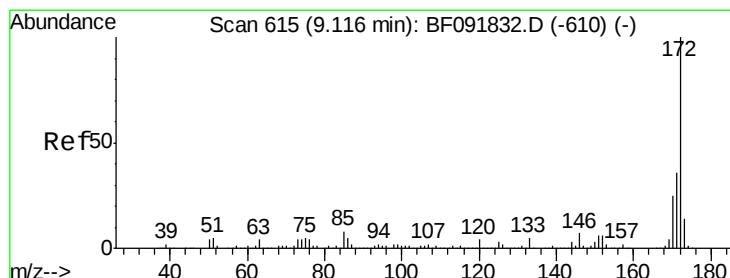
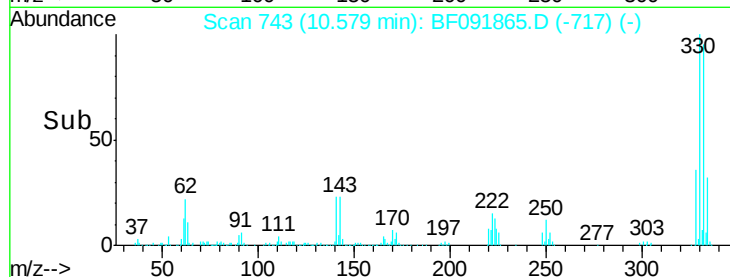
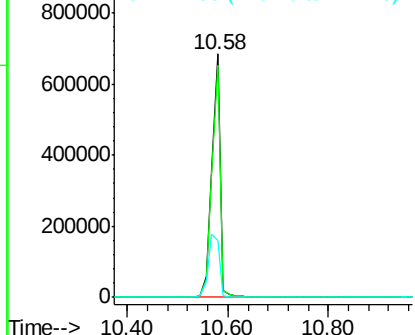


#41
 2,4,6-Tribromophenol
 Concen: 139.92 ng
 RT: 10.58 min Scan# 743
 Delta R.T. 0.00 min
 Lab File: BF091865.D
 Acq: 22 Dec 2016 5:45

Tgt Ion:330 Resp: 793108
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.4 116.2
 141 34.2 34.1 51.1

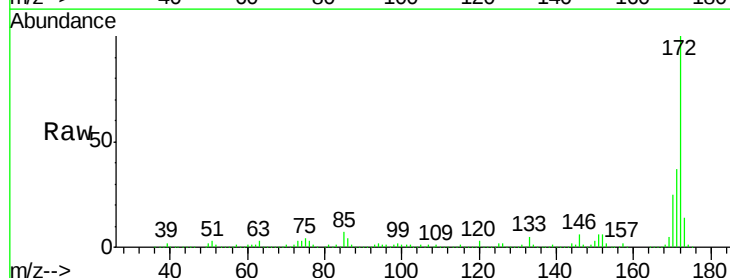


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

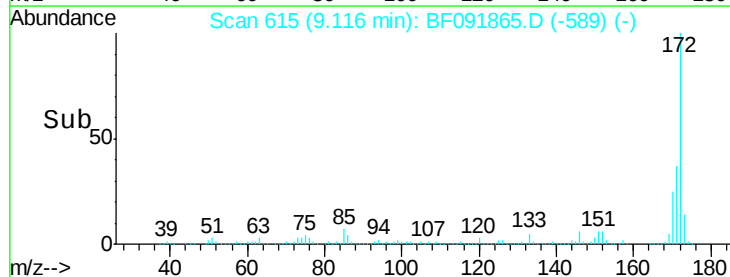
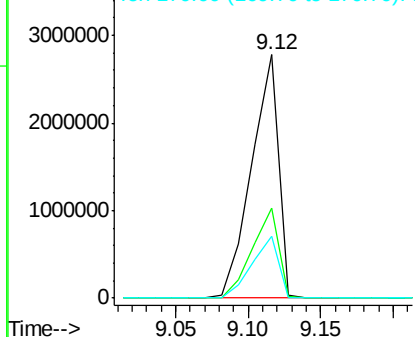


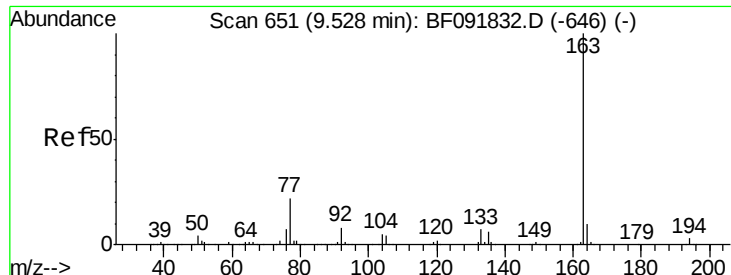
#44
 2-Fluorobiphenyl
 Concen: 111.59 ng
 RT: 9.12 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF091865.D
 Acq: 22 Dec 2016 5:45

Tgt Ion:172 Resp: 3595407
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.4 44.0
 170 25.4 20.2 30.4



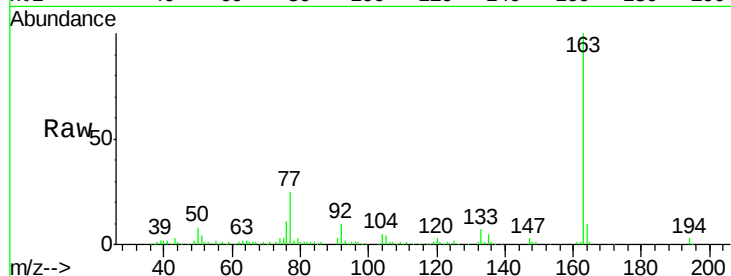
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



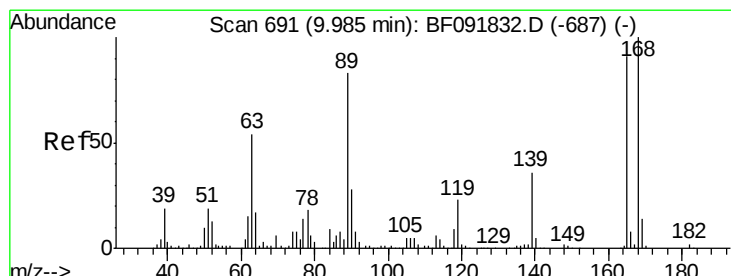
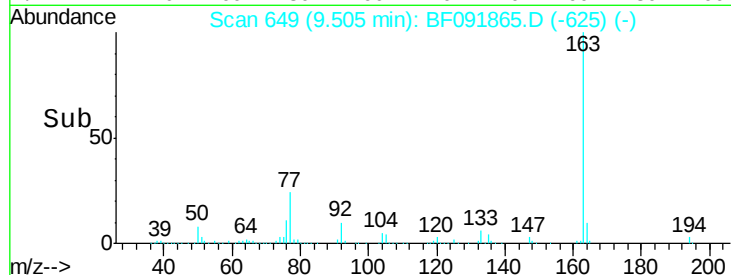
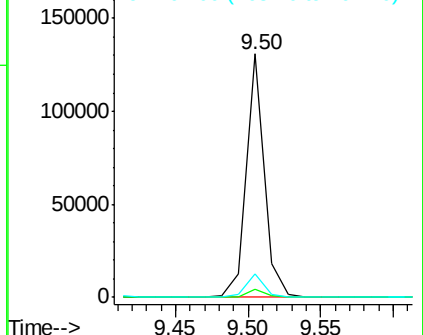


#49
Dimethylphthalate
Concen: 2.60 ng
RT: 9.50 min Scan# 649
Delta R.T. -0.02 min
Lab File: BF091865.D
Acq: 22 Dec 2016 5:45

Tgt Ion:163 Resp: 113685
Ion Ratio Lower Upper
163 100
194 3.1 3.0 4.4
164 9.8 8.0 12.0

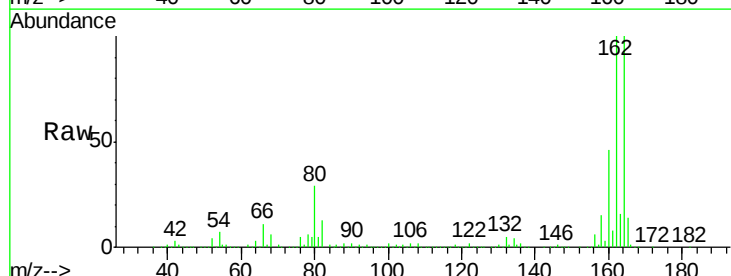


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

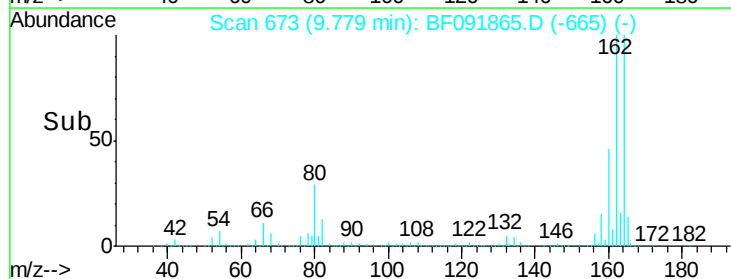
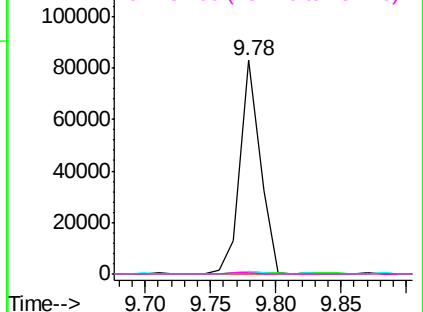


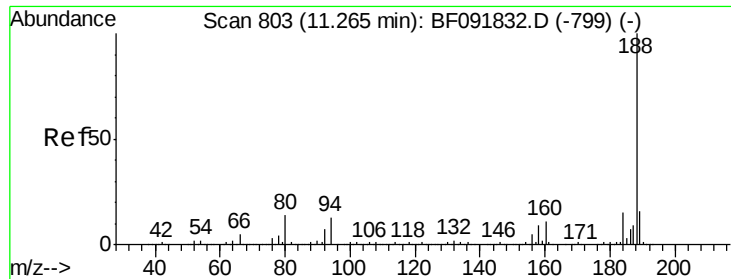
#56
2,4-Dinitrotoluene
Concen: 7.46 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.21 min
Lab File: BF091865.D
Acq: 22 Dec 2016 5:45

Tgt Ion:165 Resp: 89740
Ion Ratio Lower Upper
165 100
63 1.5 40.2 60.4#
89 1.5 62.5 93.7#
182 0.4 1.8 2.8#



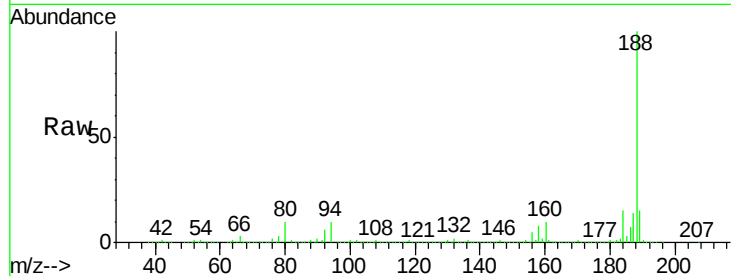
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E



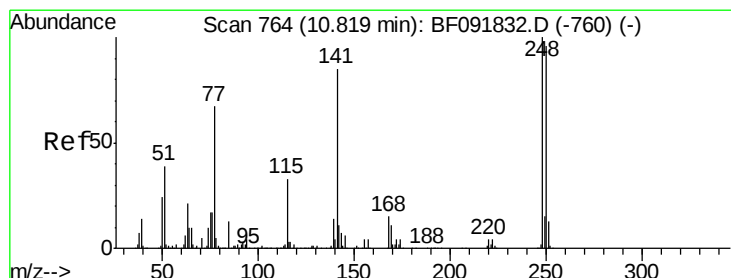
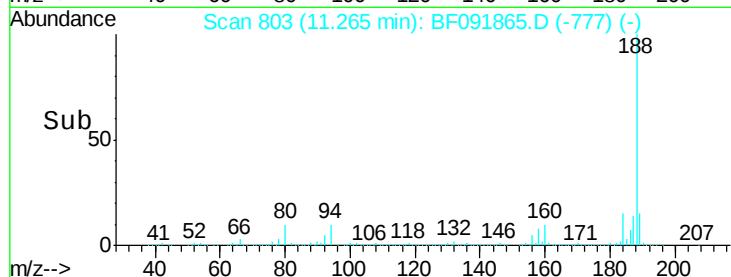
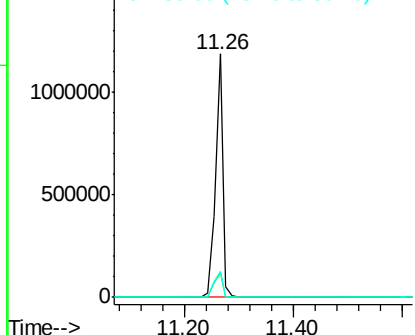


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.26 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF091865.D
 Acq: 22 Dec 2016 5:45

Tgt Ion:188 Resp: 1151227
 Ion Ratio Lower Upper
 188 100
 94 9.9 10.0 15.0#
 80 10.5 11.2 16.8#

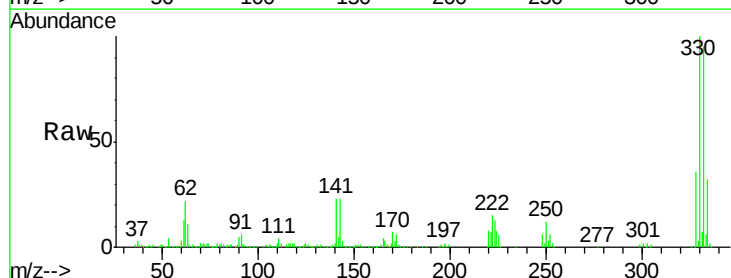


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

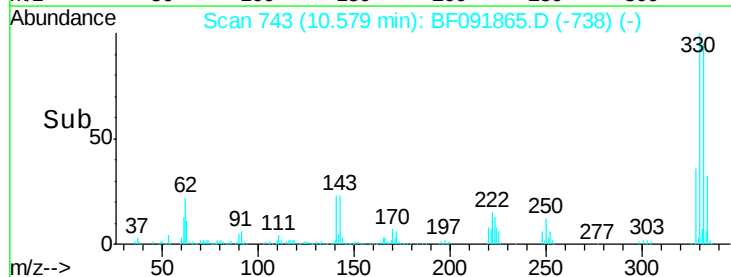
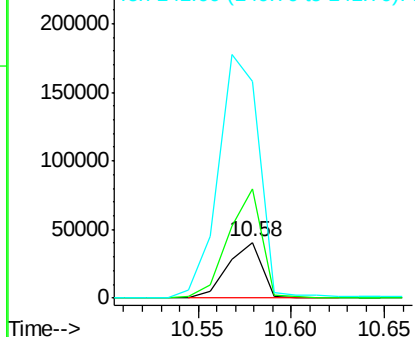


#66
 4-Bromophenyl-phenylether
 Concen: 4.31 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.24 min
 Lab File: BF091865.D
 Acq: 22 Dec 2016 5:45

Tgt Ion:248 Resp: 51565
 Ion Ratio Lower Upper
 248 100
 250 196.6 76.9 115.3#
 141 389.2 68.2 102.4#



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





#73

Di-n-butylphthalate

Concen: Below Cal

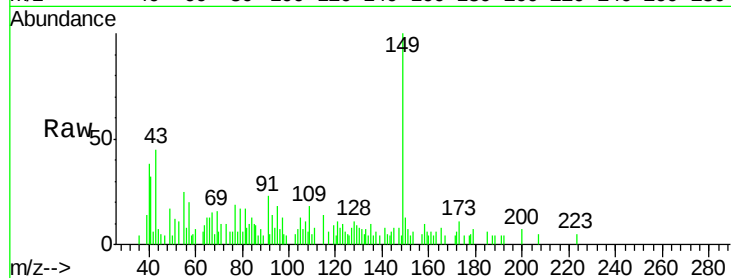
RT: 11.84 min Scan# 853

Delta R.T. 0.00 min

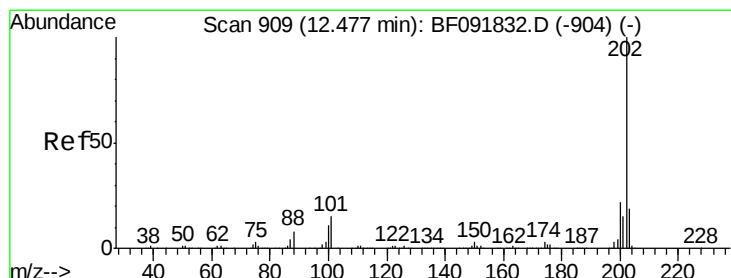
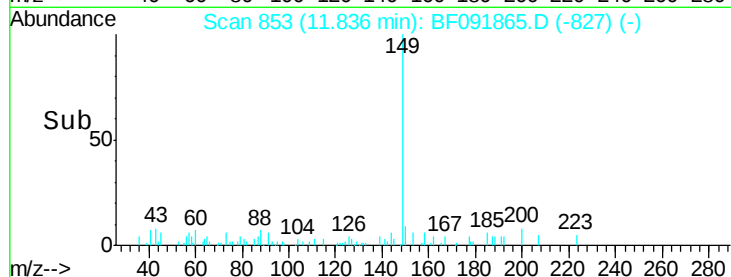
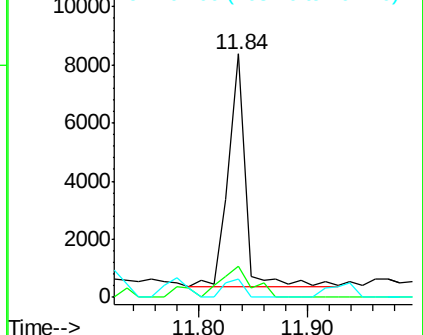
Lab File: BF091865.D

Acq: 22 Dec 2016 5:45

Tgt Ion:	149	Resp:	8813
Ion	Ratio	Lower	Upper
149	100		
150	13.1	8.1	12.1#
104	7.5	4.6	7.0#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: Below Cal

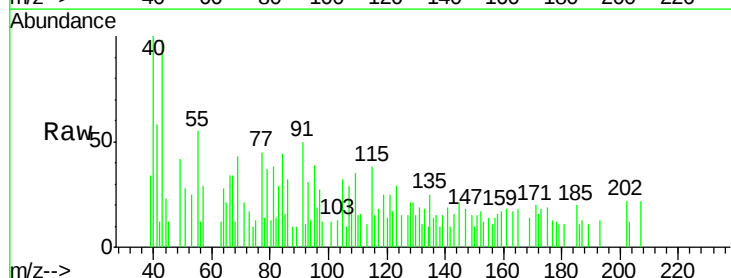
RT: 12.47 min Scan# 908

Delta R.T. -0.01 min

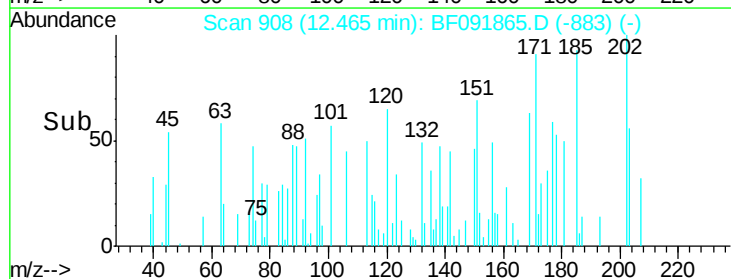
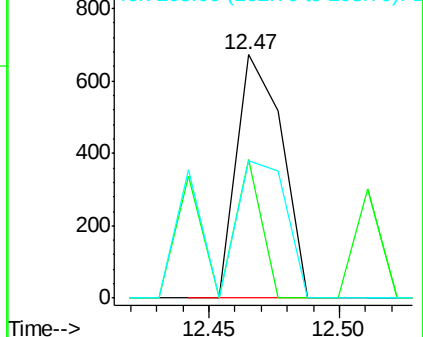
Lab File: BF091865.D

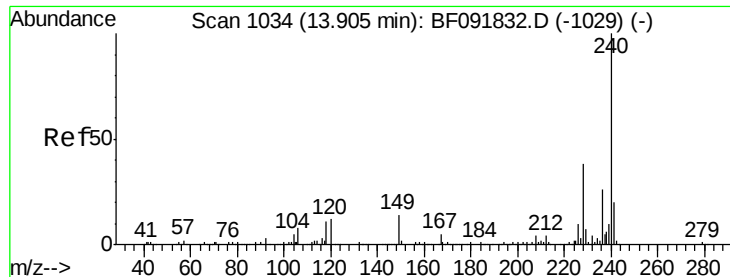
Acq: 22 Dec 2016 5:45

Tgt Ion:	202	Resp:	815
Ion	Ratio	Lower	Upper
202	100		
101	56.8	0.0	34.6#
203	56.5	0.0	38.7#



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF091865.D

Acq: 22 Dec 2016 5:45

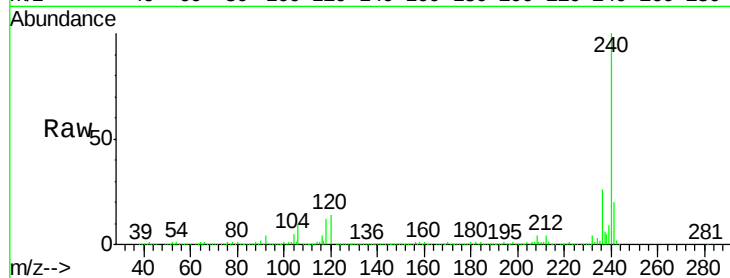
Tgt Ion:240 Resp: 843415

Ion Ratio Lower Upper

240 100

120 14.2 12.9 19.3

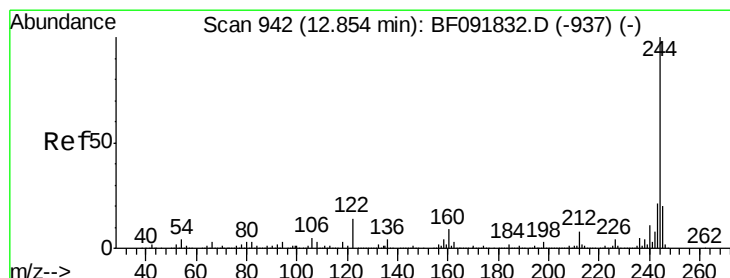
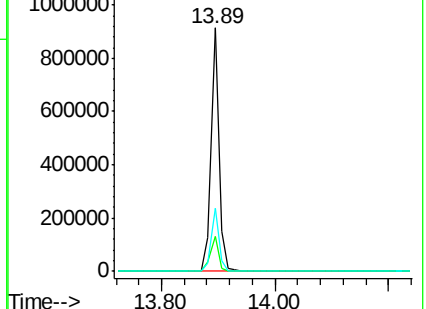
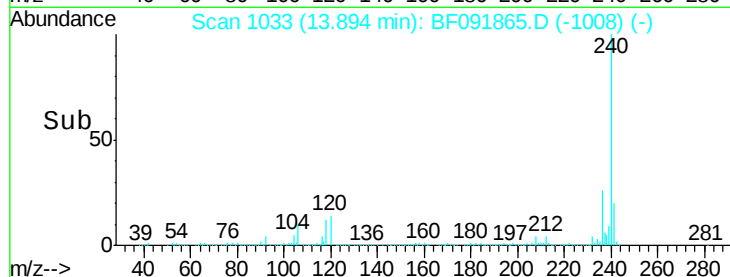
236 26.0 20.9 31.3



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: 71.67 ng

RT: 12.85 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF091865.D

Acq: 22 Dec 2016 5:45

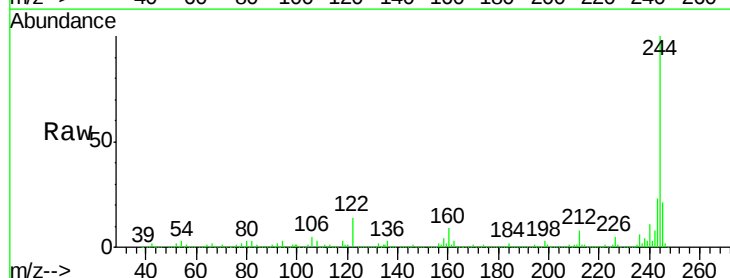
Tgt Ion:244 Resp: 2492513

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

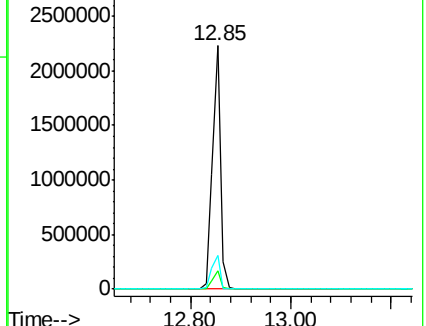
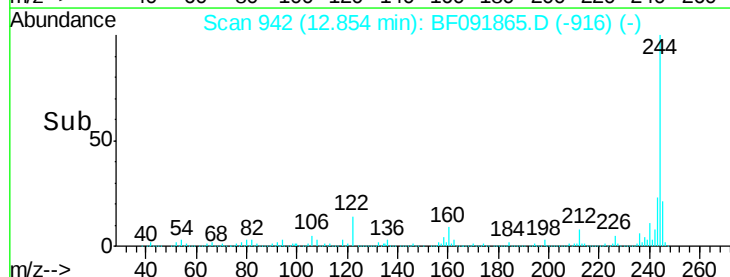
122 13.9 11.4 17.2

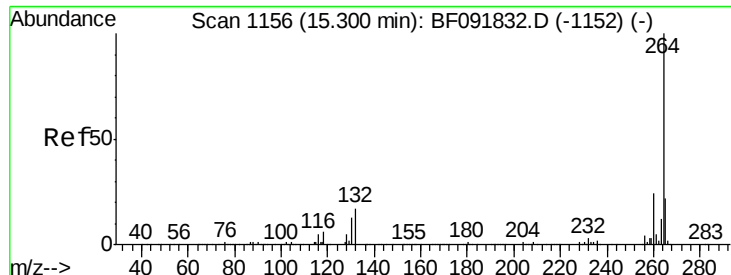


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

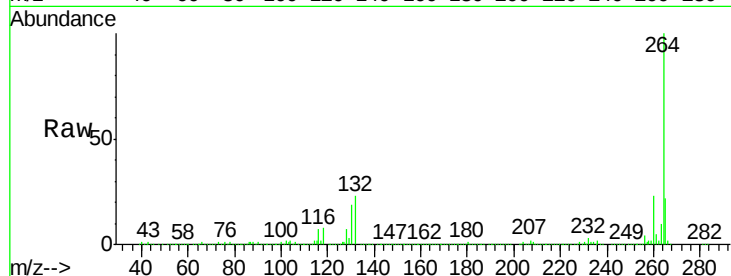
Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF091865.D
Acq: 22 Dec 2016 5:45

Tgt Ion:	264	Resp:	645596
Ion Ratio	Lower	Upper	
264	100		
260	23.1	19.2	28.8
265	21.7	17.4	26.0



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

