

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050217\
 Data File : BF094824.D
 Acq On : 3 May 2017 8:52
 Operator : SJ/MA
 Sample : I2933-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

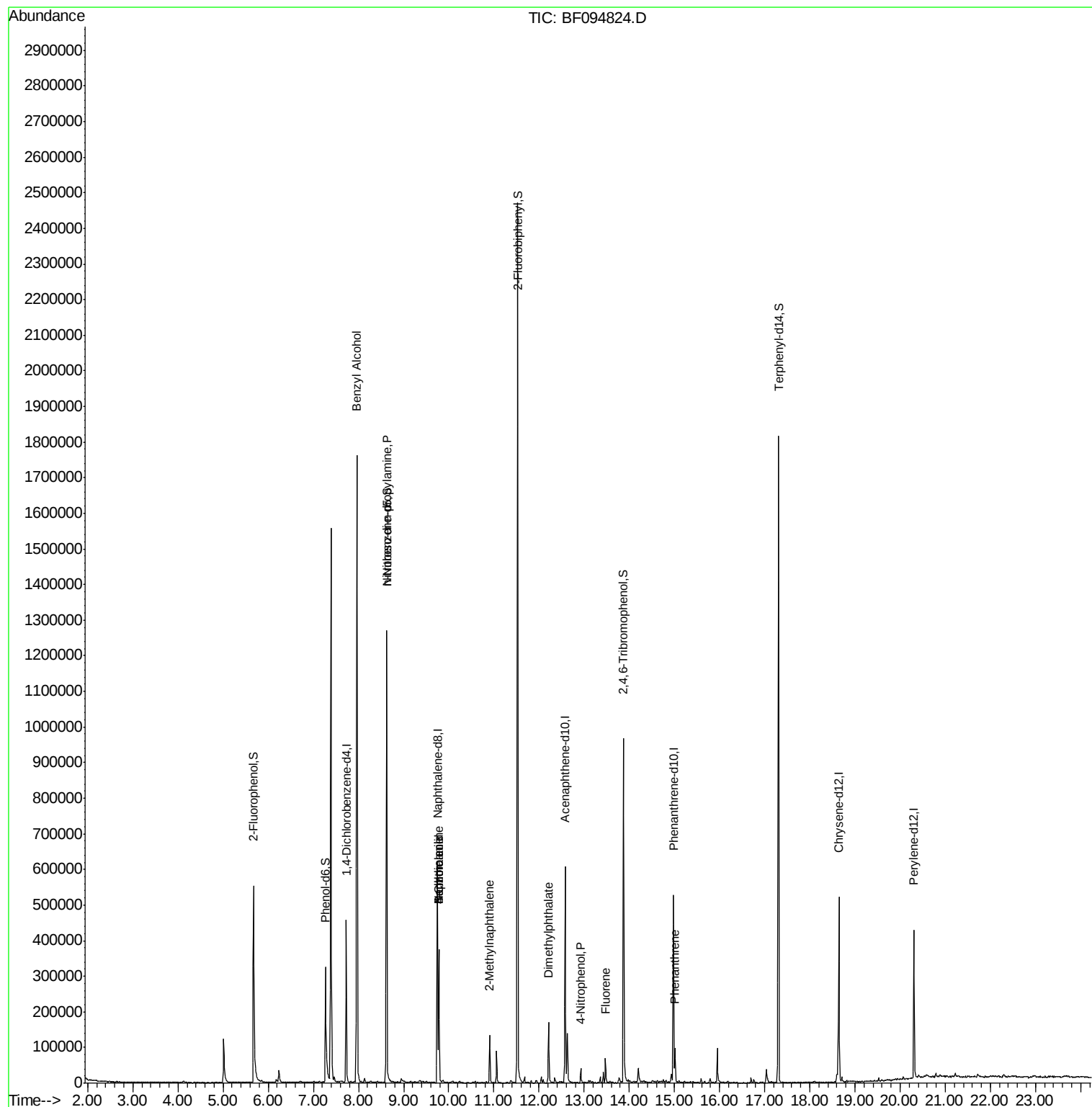
Quant Time: May 03 11:41:24 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 02 17:18:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	95813	20.00	ng	0.00
21) Naphthalene-d8	9.75	136	371660	20.00	ng	0.00
38) Acenaphthene-d10	12.58	164	163700	20.00	ng	0.00
63) Phenanthrene-d10	14.98	188	250981	20.00	ng	0.00
75) Chrysene-d12	18.64	240	209752	20.00	ng	-0.01
86) Perylene-d12	20.31	264	173347	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	287176	49.97	ng	0.00
7) Phenol-d6	7.27	99	221024	32.05	ng	-0.01
23) Nitrobenzene-d5	8.62	82	553810	93.96	ng	-0.01
41) 2,4,6-Tribromophenol	13.87	330	151878	113.29	ng	-0.01
44) 2-Fluorobiphenyl	11.52	172	1047072	92.06	ng	0.00
78) Terphenyl-d14	17.31	244	688994	72.35	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	7.97	79	8971	2.02	ng	# 47
19) n-Nitroso-di-n-propylamine	8.62	70	70826	15.19	ng	# 76
31) Naphthalene	9.78	128	227141	12.16	ng	99
32) Benzoic acid	9.78	122	384	5.18	ng	# 1
33) 4-Chloroaniline	9.78	127	28847	4.14	ng	# 29
37) 2-Methylnaphthalene	10.91	142	49302	4.02	ng	98
49) Dimethylphthalate	12.21	163	100124	7.45	ng	98
55) 4-Nitrophenol	12.92	139	9340	5.28	ng	# 25
57) Fluorene	13.47	166	27671	2.21	ng	99
70) Phenanthrene	15.01	178	48531	3.37	ng	# 96

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050217\
Data File : BF094824.D
Acq On : 3 May 2017 8:52
Operator : SJ/MA
Sample : I2933-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: May 03 11:41:24 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 02 17:18:57 2017
Response via : Initial Calibration

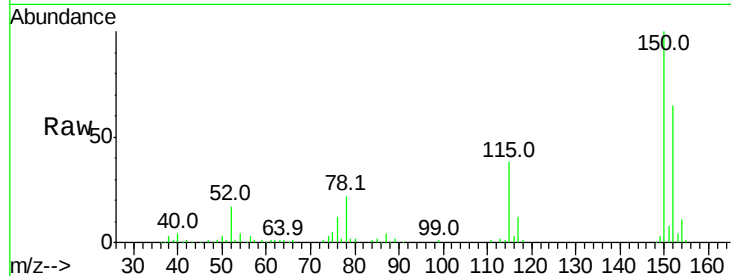




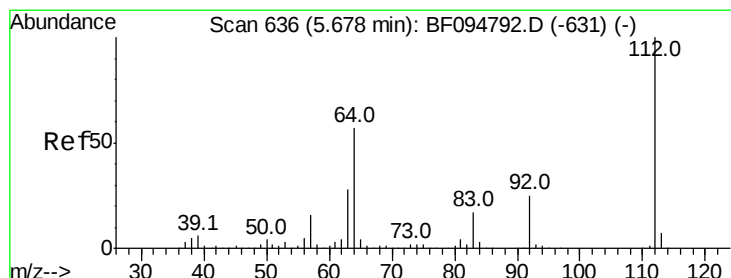
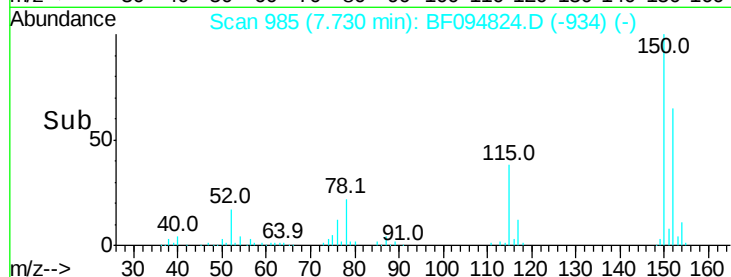
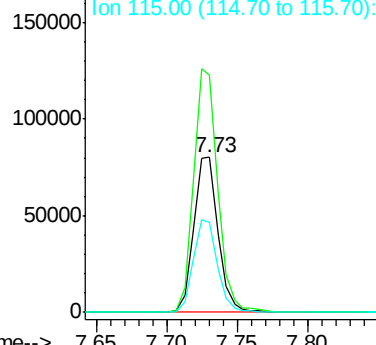
#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.73 min Scan# 985
Delta R.T. -0.00 min
Lab File: BF094824.D
Acq: 3 May 2017 8:52

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.0	126.2	189.2
115	57.8	52.2	78.2



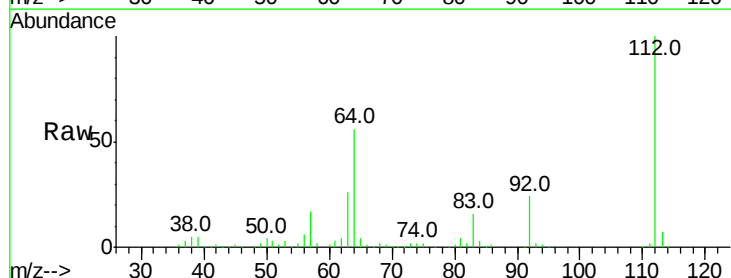
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



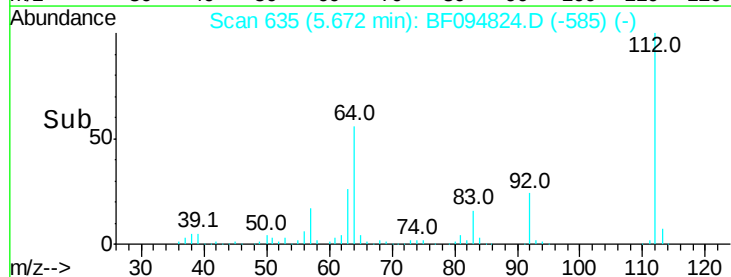
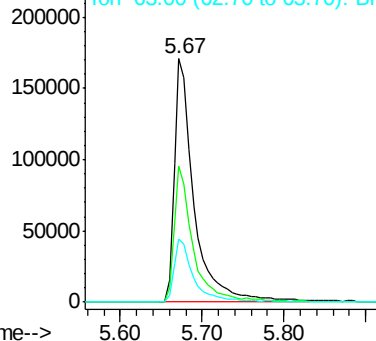
#5

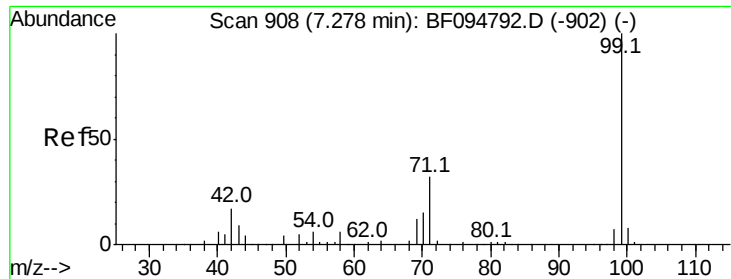
2-Fluorophenol
Concen: 49.97 ng
RT: 5.67 min Scan# 635
Delta R.T. -0.01 min
Lab File: BF094824.D
Acq: 3 May 2017 8:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.7	46.0	69.0
63	25.9	23.4	35.0



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: 32.05 ng

RT: 7.27 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF094824.D

Acq: 3 May 2017 8:52

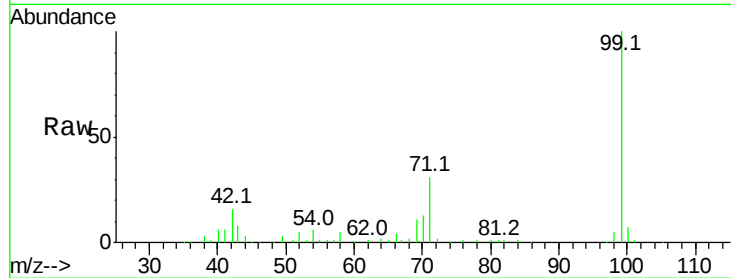
Tot Ion: 99 Resp: 221024

Ion Ratio Lower Upper

99 100

42 15.7 13.5 20.3

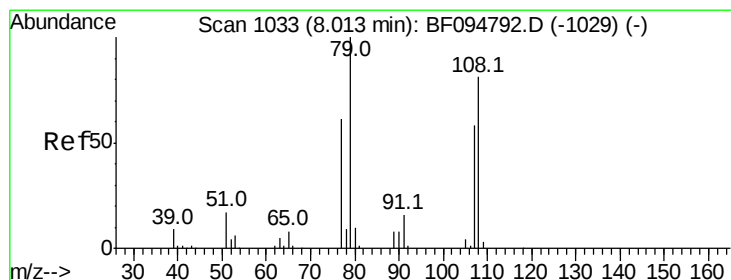
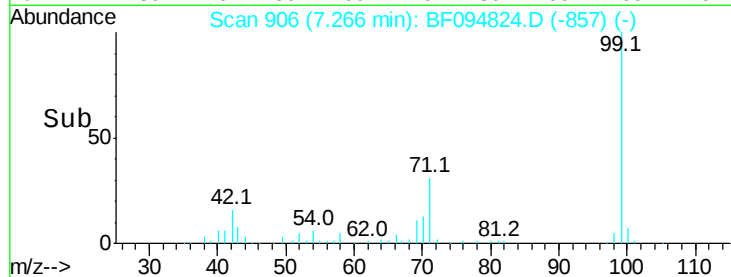
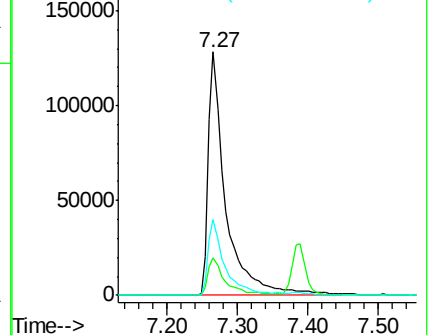
71 31.4 24.5 36.7



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



#15

Benzyl Alcohol

Concen: 2.02 ng

RT: 7.97 min Scan# 1025

Delta R.T. -0.05 min

Lab File: BF094824.D

Acq: 3 May 2017 8:52

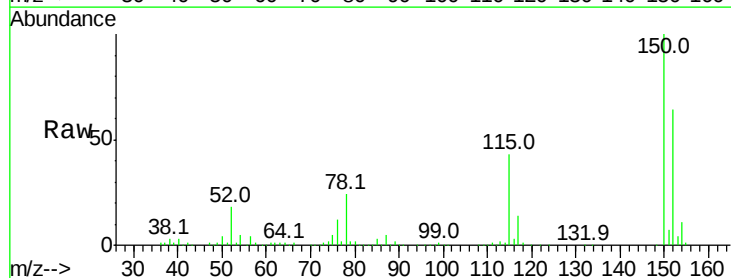
Tgt Ion: 79 Resp: 8971

Ion Ratio Lower Upper

79 100

108 29.1 63.4 95.0#

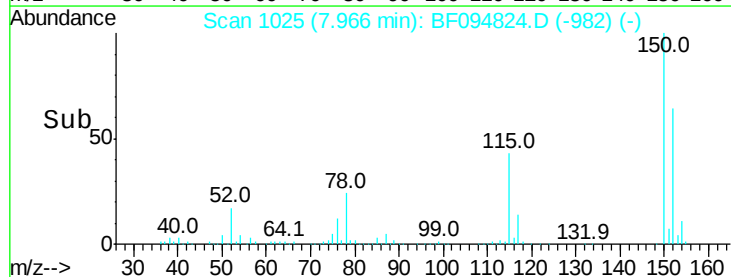
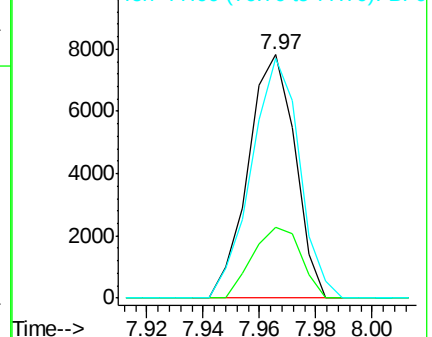
77 98.6 49.2 73.8#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

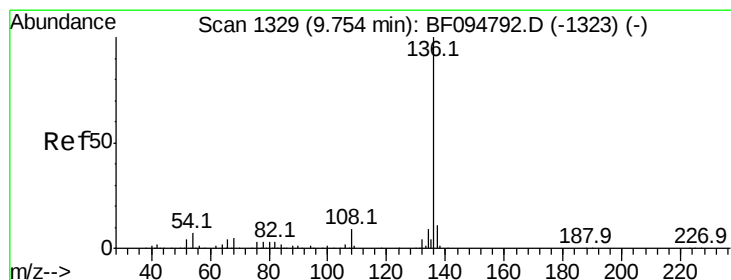
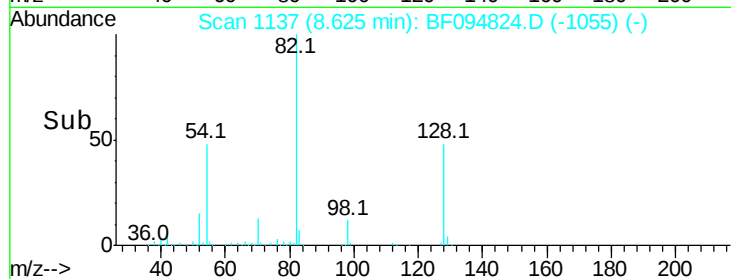
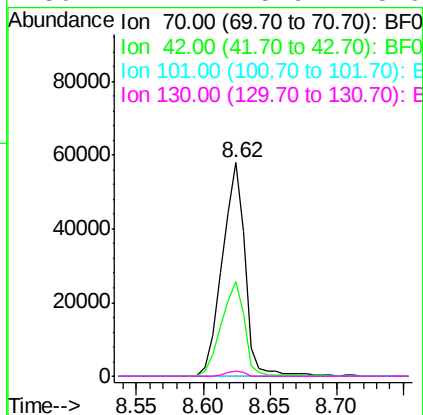
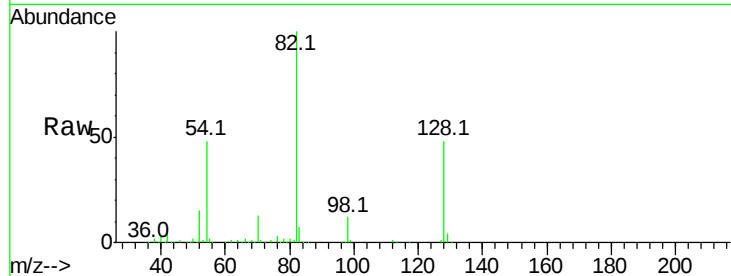
Ion 77.00 (76.70 to 77.70): BF0





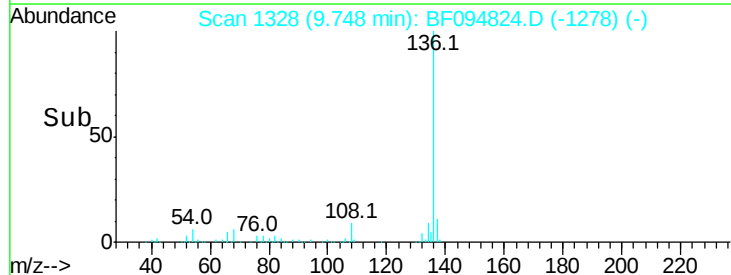
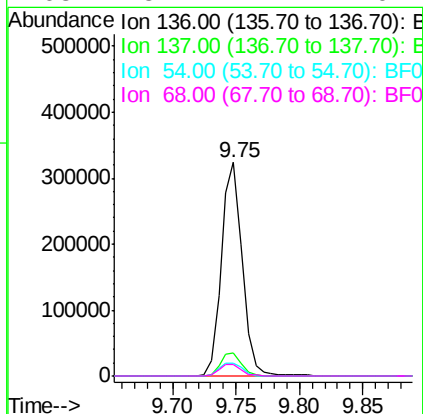
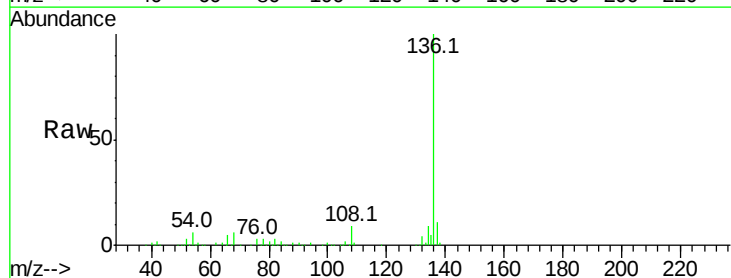
#19
n-Nitroso-di-n-propylamine
Concen: 15.19 ng
RT: 8.62 min Scan# 1137
Delta R.T. 0.18 min
Lab File: BF094824.D
Acq: 3 May 2017 8:52

Tot Ion: 70 Resp: 70826
Ion Ratio Lower Upper
70 100
42 44.3 47.2 70.8#
101 0.0 7.2 10.8#
130 2.2 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.75 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF094824.D
Acq: 3 May 2017 8:52

Tgt Ion:136 Resp: 371660
Ion Ratio Lower Upper
136 100
137 10.5 8.5 12.7
54 6.2 4.9 7.3
68 5.7 4.1 6.1





#23

Nitrobenzene-d5

Concen: 93.96 ng

RT: 8.62 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BF094824.D

Acq: 3 May 2017 8:52

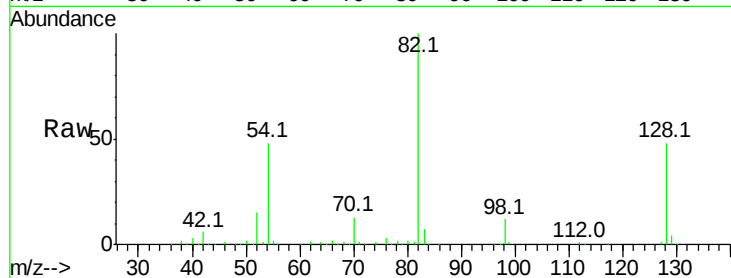
Tot Ion: 82 Resp: 553810

Ion Ratio Lower Upper

82 100

128 47.9 34.0 51.0

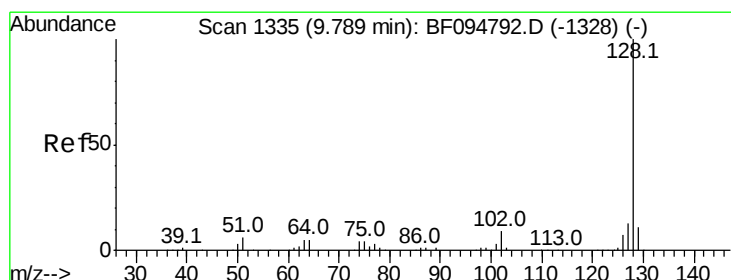
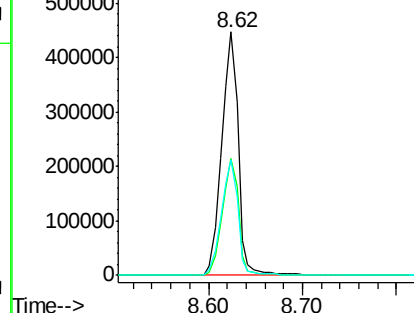
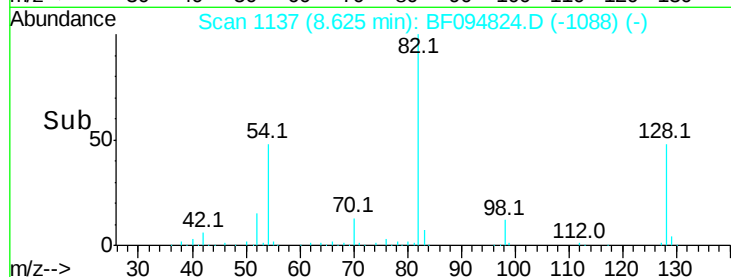
54 47.6 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



#31

Naphthalene

Concen: 12.16 ng

RT: 9.78 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF094824.D

Acq: 3 May 2017 8:52

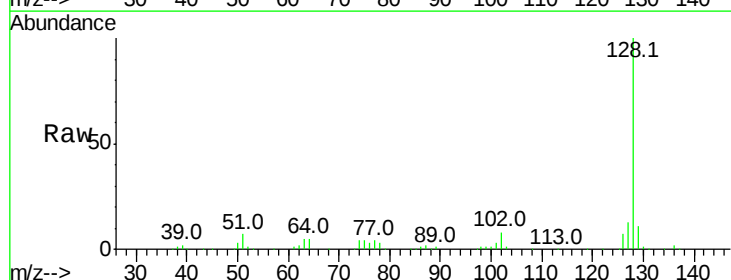
Tgt Ion: 128 Resp: 227141

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.6

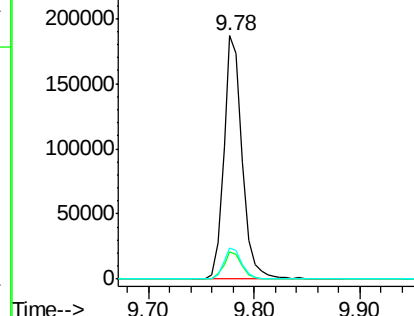
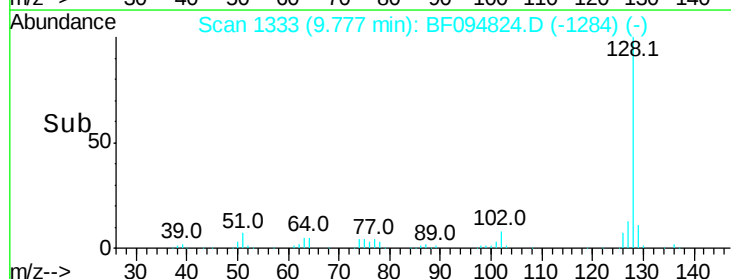
127 12.9 10.8 16.2

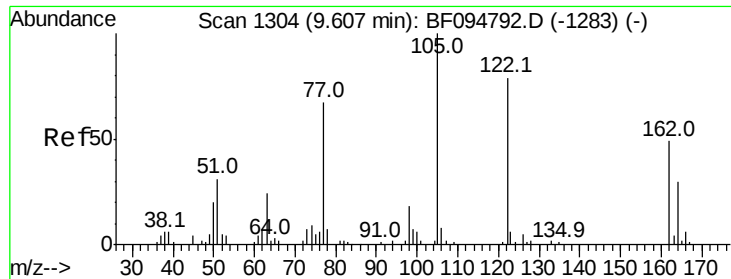


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 5.18 ng

RT: 9.78 min Scan# 1333

Delta R.T. 0.17 min

Lab File: BF094824.D

Acq: 3 May 2017 8:52

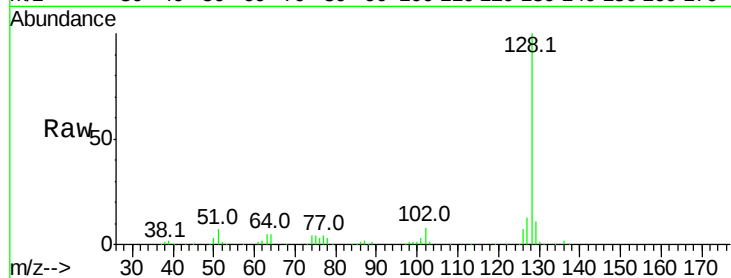
Tot Ion:122 Resp: 384

Ion Ratio Lower Upper

122 100

105 0.0 103.3 143.3#

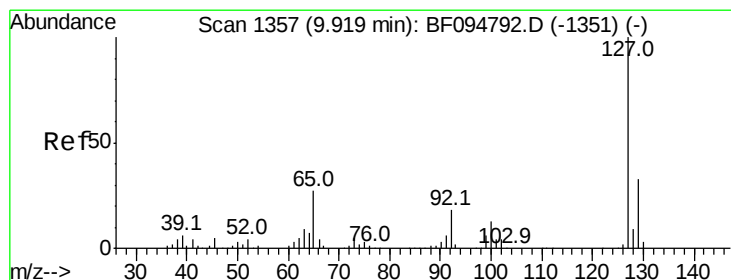
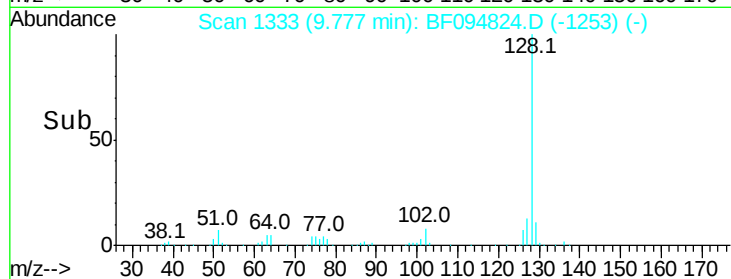
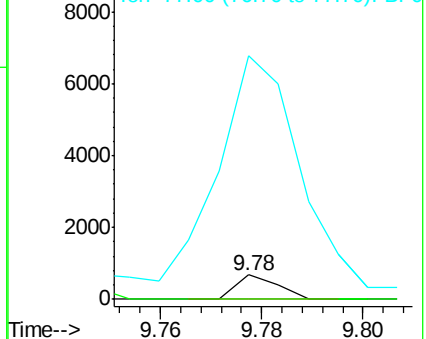
77 999.1 73.7 113.7#



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): BF0



#33

4-Chloroaniline

Concen: 4.14 ng

RT: 9.78 min Scan# 1333

Delta R.T. -0.14 min

Lab File: BF094824.D

Acq: 3 May 2017 8:52

Tgt Ion:127 Resp: 28847

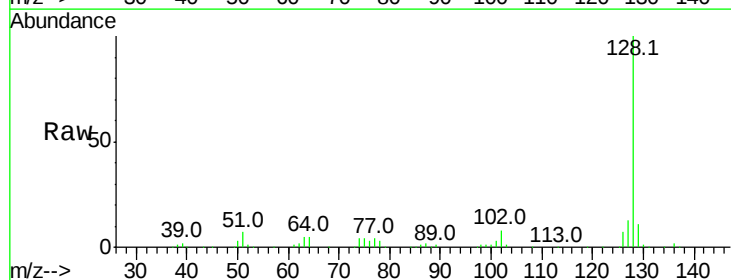
Ion Ratio Lower Upper

127 100

129 87.9 26.2 39.2#

65 0.0 27.8 41.8#

92 0.0 16.8 25.2#

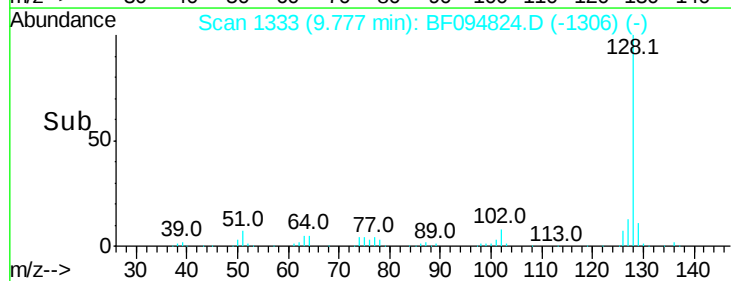
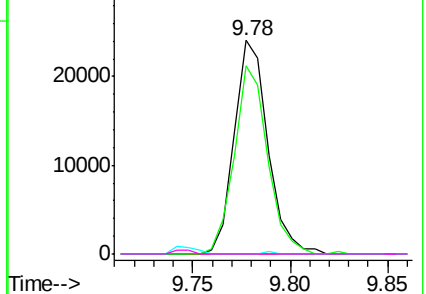


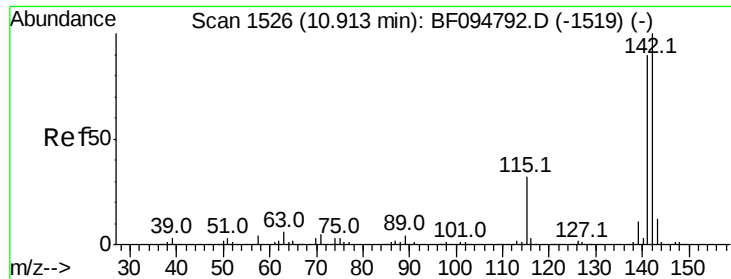
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

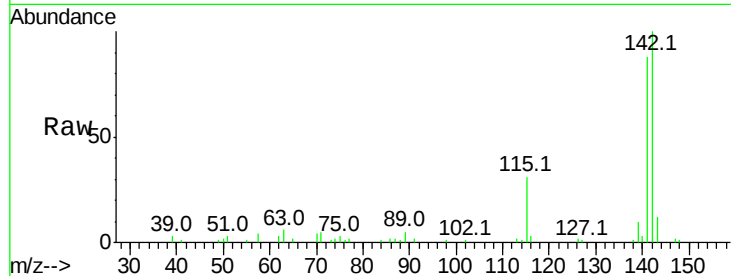
Ion 92.00 (91.70 to 92.70): BF0



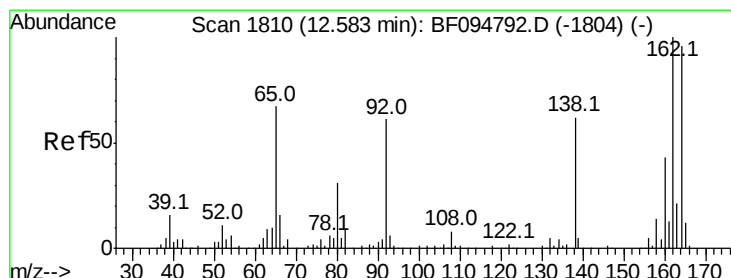
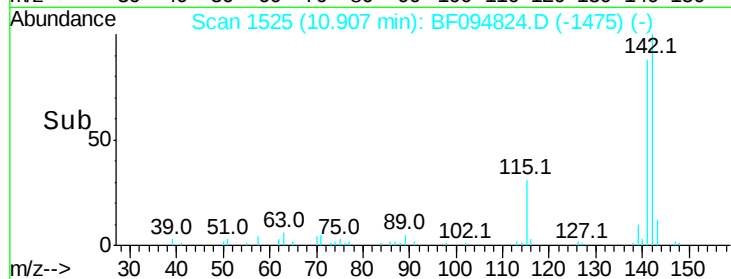
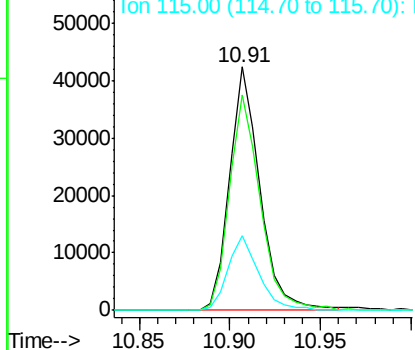


#37
2-Methylnaphthalene
Concen: 4.02 ng
RT: 10.91 min Scan# 1525
Delta R.T. -0.01 min
Lab File: BF094824.D
Acq: 3 May 2017 8:52

Tot Ion:142 Resp: 49302
Ion Ratio Lower Upper
142 100
141 88.5 71.3 106.9
115 30.8 27.1 40.7

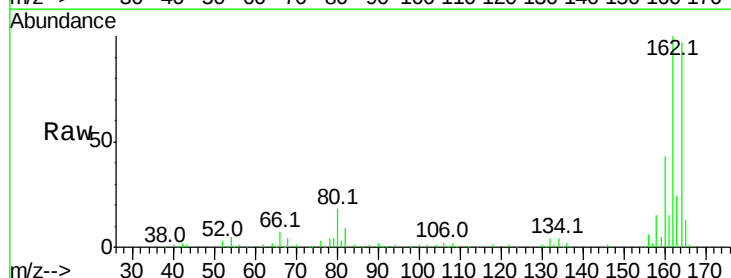


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

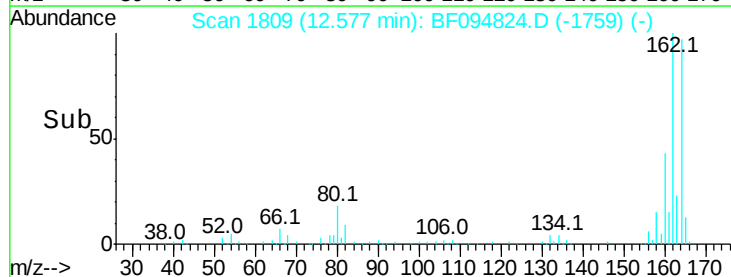
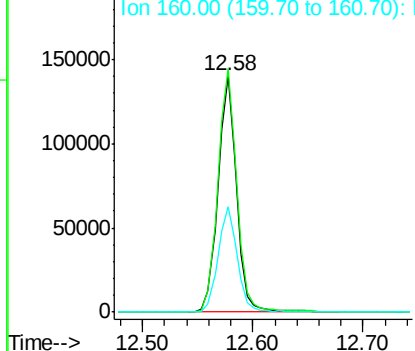


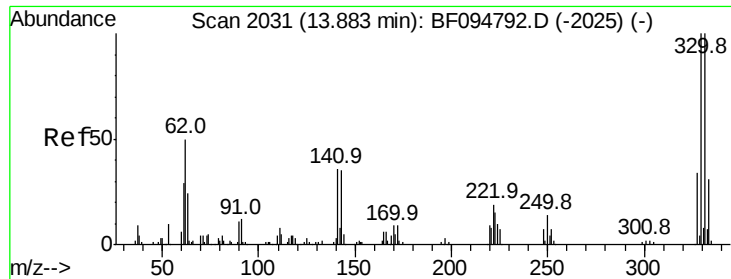
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.58 min Scan# 1809
Delta R.T. -0.01 min
Lab File: BF094824.D
Acq: 3 May 2017 8:52

Tgt Ion:164 Resp: 163700
Ion Ratio Lower Upper
164 100
162 103.1 82.6 123.8
160 44.6 36.2 54.2



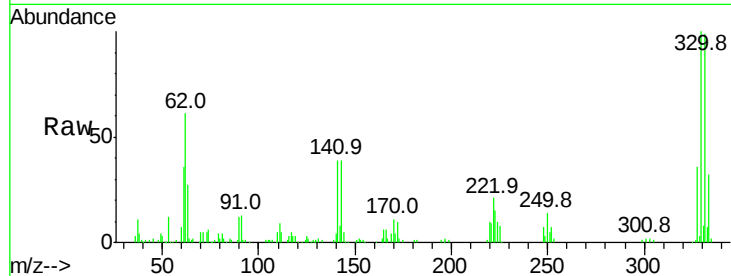
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



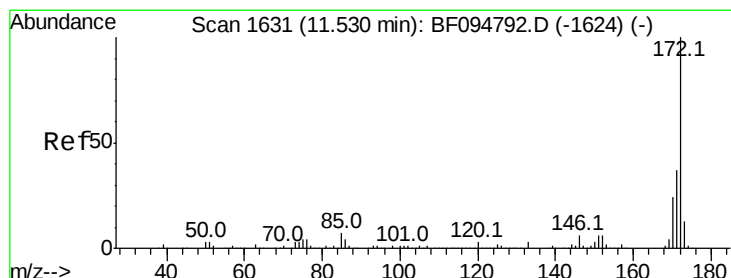
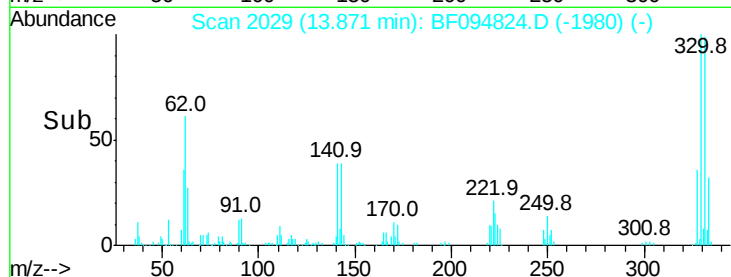
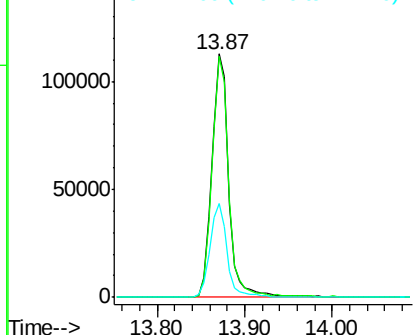


#41
 2,4,6-Tribromophenol
 Concen: 113.29 ng
 RT: 13.87 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF094824.D
 Acq: 3 May 2017 8:52

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.8	76.6	115.0
141	39.0	31.4	47.2

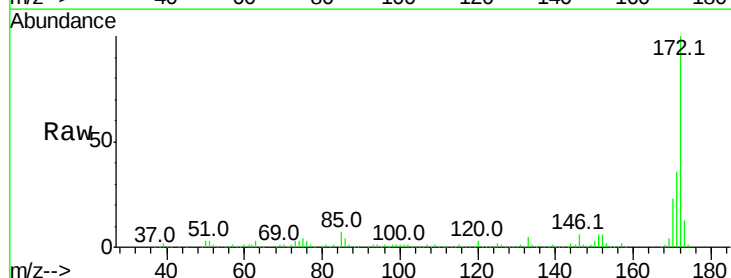


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

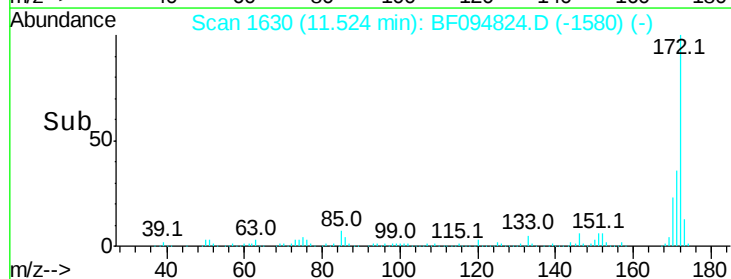
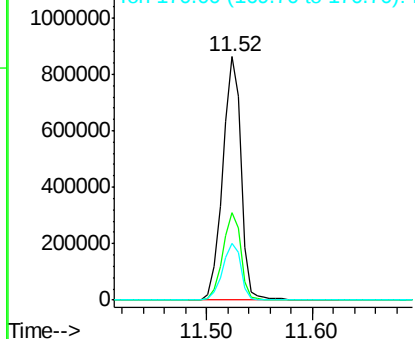


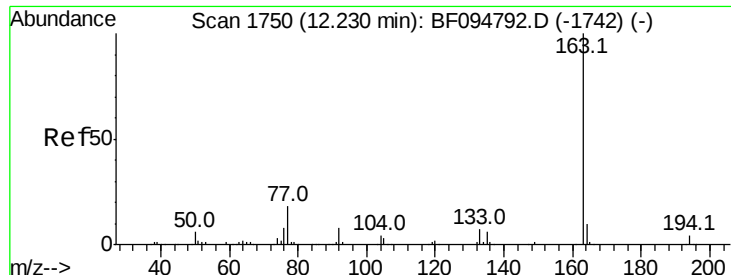
#44
 2-Fluorobiphenyl
 Concen: 92.06 ng
 RT: 11.52 min Scan# 1630
 Delta R.T. -0.01 min
 Lab File: BF094824.D
 Acq: 3 May 2017 8:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	23.3	19.8	29.8



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: 7.45 ng

RT: 12.21 min Scan# 1747

Delta R.T. -0.02 min

Lab File: BF094824.D

Acq: 3 May 2017 8:52

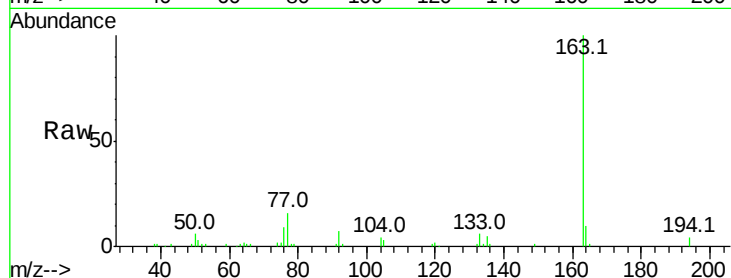
Tot Ion:163 Resp: 100124

Ion Ratio Lower Upper

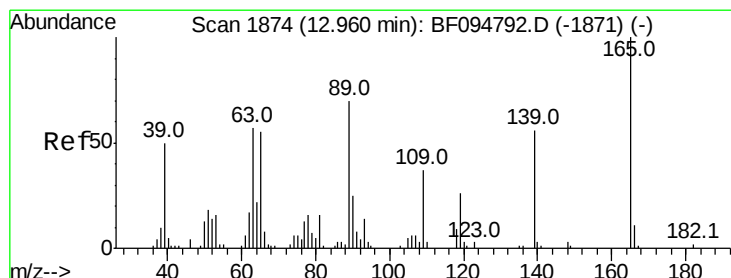
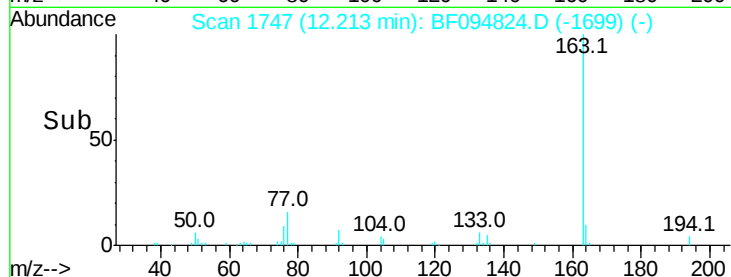
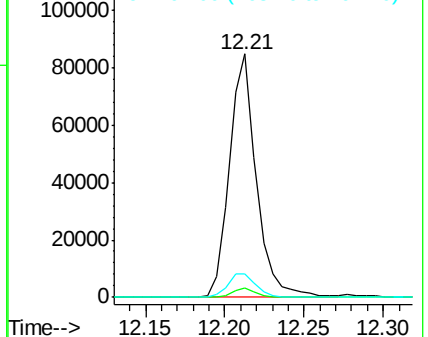
163 100

194 3.7 2.6 4.0

164 9.8 8.4 12.6



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



#55

4-Nitrophenol

Concen: 5.28 ng

RT: 12.92 min Scan# 1867

Delta R.T. -0.04 min

Lab File: BF094824.D

Acq: 3 May 2017 8:52

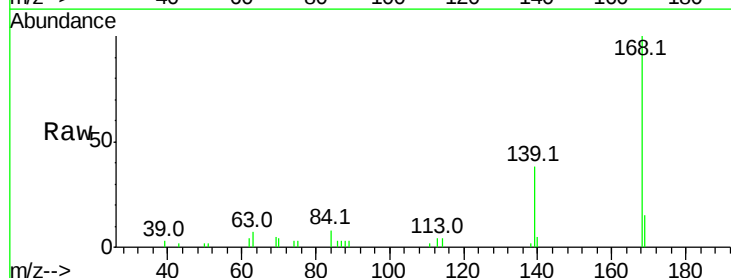
Tgt Ion:139 Resp: 9340

Ion Ratio Lower Upper

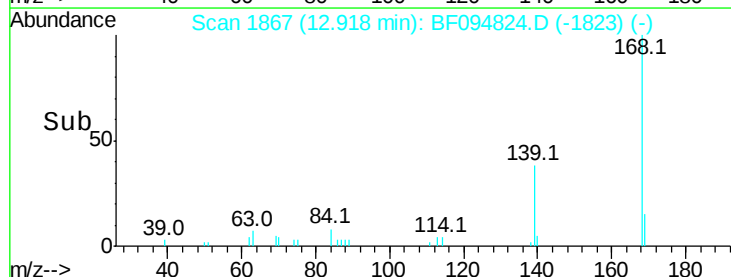
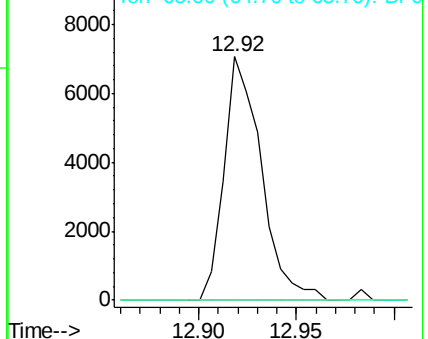
139 100

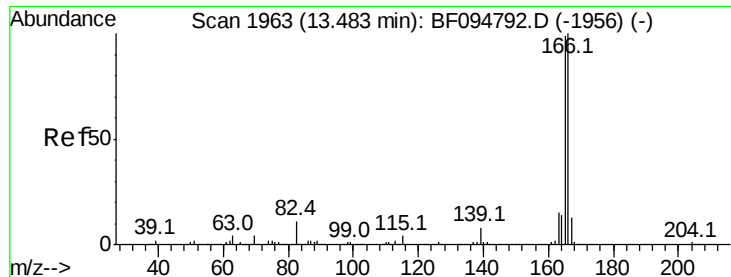
109 0.0 34.1 74.1#

65 0.0 31.4 71.4#



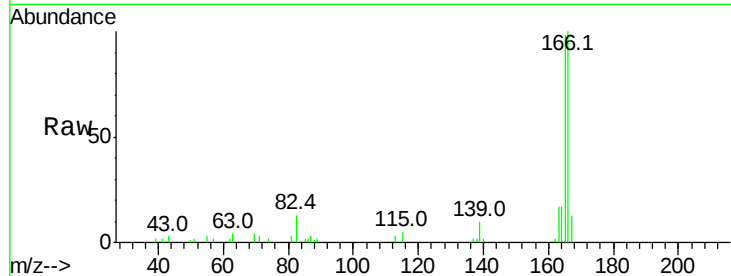
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0



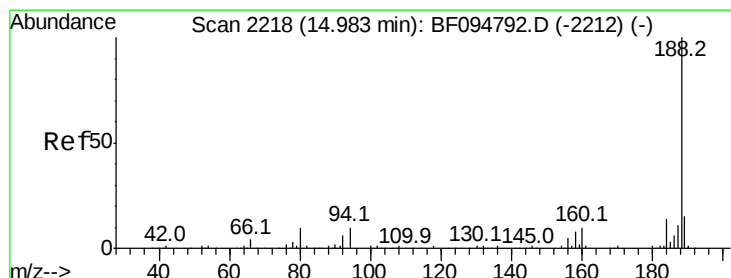
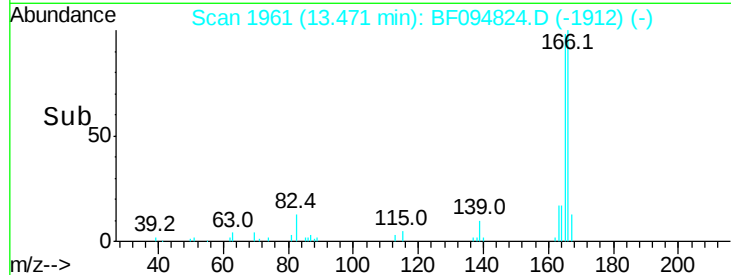
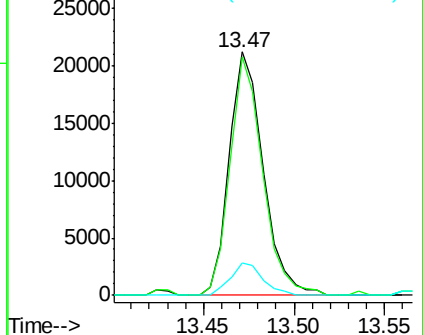


#57
 Fluorene
 Concen: 2.21 ng
 RT: 13.47 min Scan# 1961
 Delta R.T. -0.01 min
 Lab File: BF094824.D
 Acq: 3 May 2017 8:52

Tot Ion:166 Resp: 27671
 Ion Ratio Lower Upper
 166 100
 165 97.9 78.8 118.2
 167 13.3 10.6 16.0

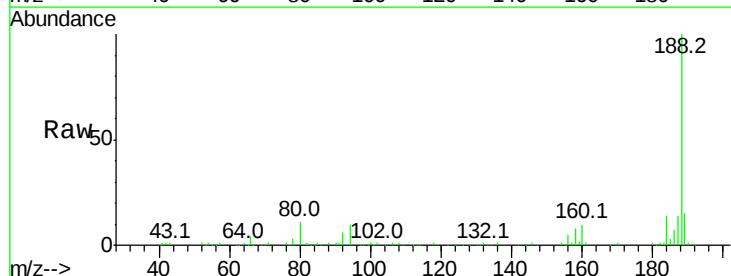


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

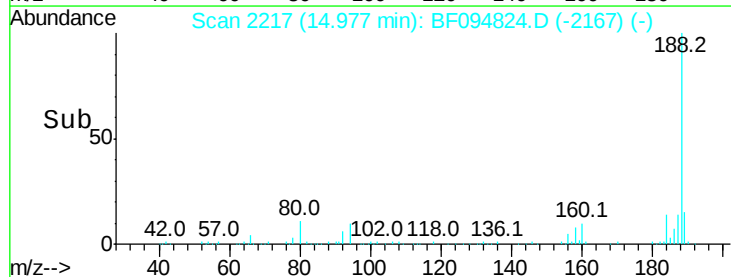
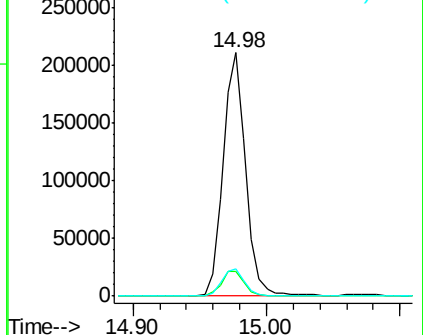


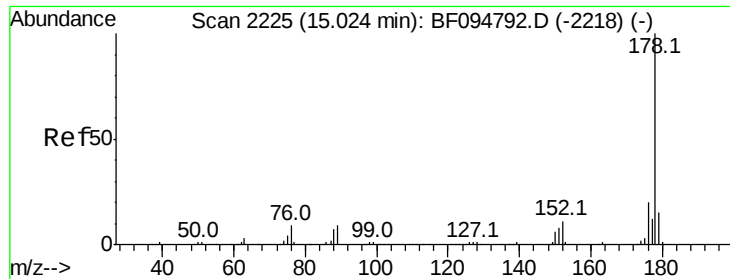
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.98 min Scan# 2217
 Delta R.T. -0.01 min
 Lab File: BF094824.D
 Acq: 3 May 2017 8:52

Tgt Ion:188 Resp: 250981
 Ion Ratio Lower Upper
 188 100
 94 10.1 9.4 14.2
 80 11.0 10.2 15.2



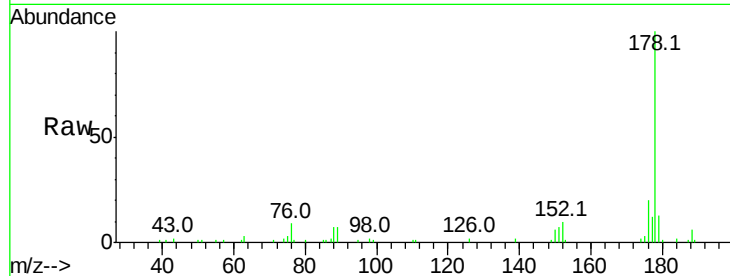
Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0



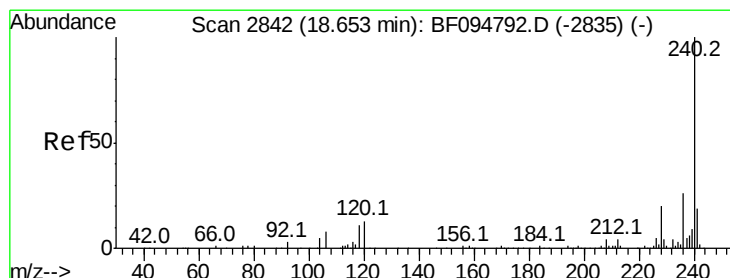
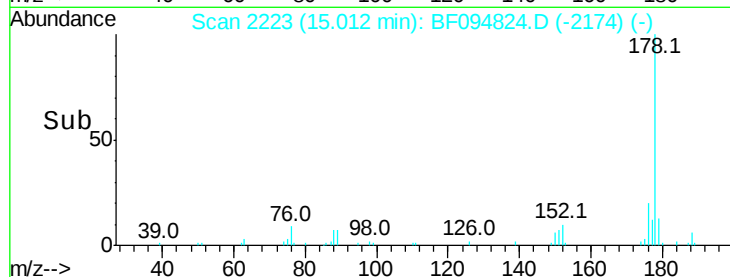
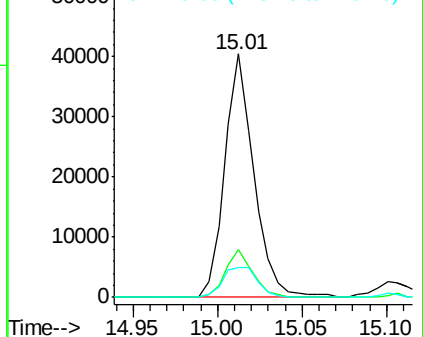


#70
Phenanthrene
Concen: 3.37 ng
RT: 15.01 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF094824.D
Acq: 3 May 2017 8:52

Tot Ion:178 Resp: 48531
Ion Ratio Lower Upper
178 100
176 19.6 16.2 24.4
179 12.5 12.6 19.0#

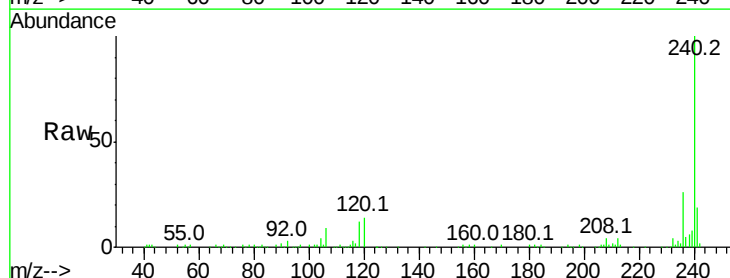


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

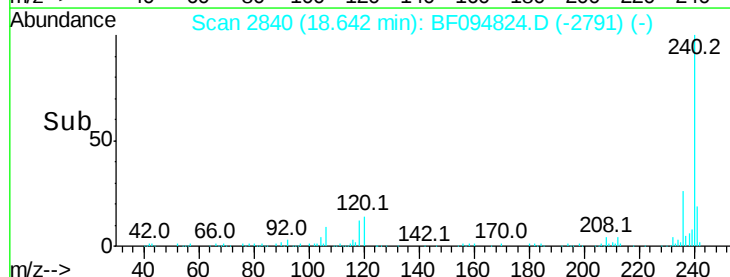
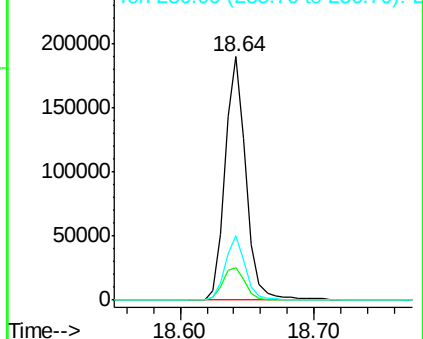


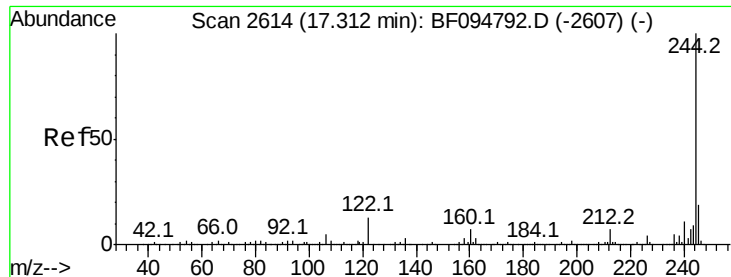
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.64 min Scan# 2840
Delta R.T. -0.01 min
Lab File: BF094824.D
Acq: 3 May 2017 8:52

Tgt Ion:240 Resp: 209752
Ion Ratio Lower Upper
240 100
120 13.5 5.8 8.8#
236 26.5 20.5 30.7



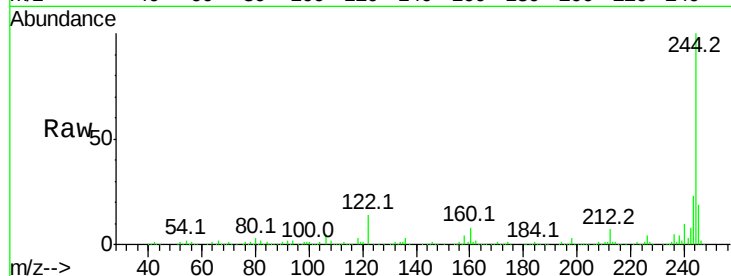
Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



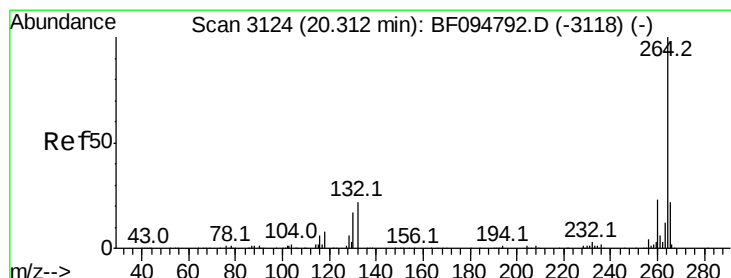
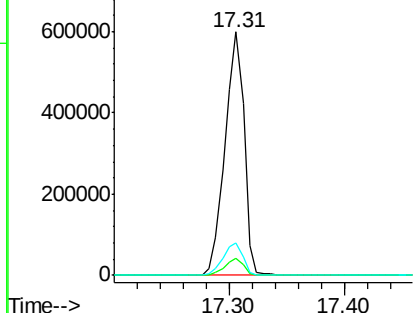
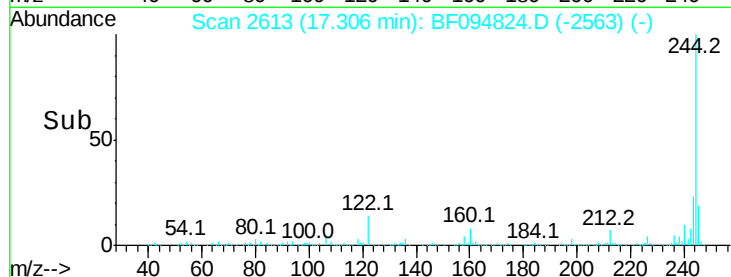


#78
 Terphenyl-d14
 Concen: 72.35 ng
 RT: 17.31 min Scan# 2613
 Delta R.T. -0.01 min
 Lab File: BF094824.D
 Acq: 3 May 2017 8:52

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	13.5	10.3	15.5

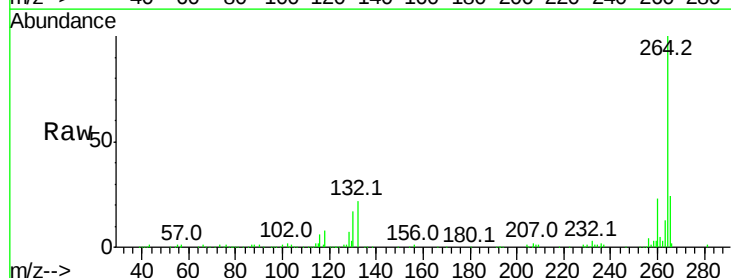


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.31 min Scan# 3123
 Delta R.T. -0.01 min
 Lab File: BF094824.D
 Acq: 3 May 2017 8:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.5	29.3
265	23.5	17.2	25.8



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

