

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050217\
 Data File : BF094823.D
 Acq On : 3 May 2017 8:20
 Operator : SJ/MA
 Sample : I2933-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

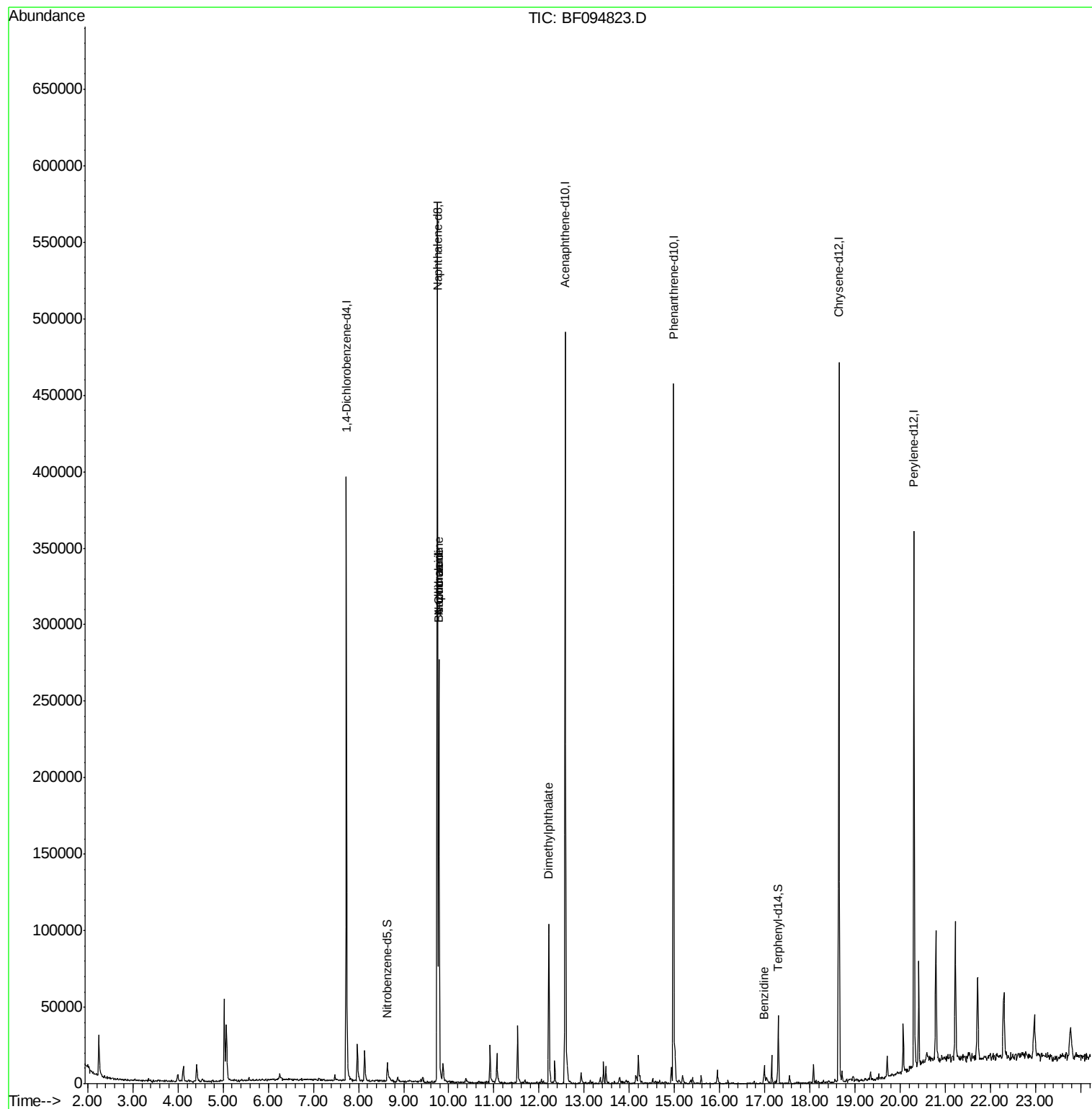
Quant Time: May 03 11:38:34 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 02 17:18:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	84240	20.00	ng	0.00
21) Naphthalene-d8	9.75	136	349956	20.00	ng	0.00
38) Acenaphthene-d10	12.58	164	148128	20.00	ng	0.00
63) Phenanthrene-d10	14.98	188	228712	20.00	ng	0.00
75) Chrysene-d12	18.64	240	197142	20.00	ng	-0.01
86) Perylene-d12	20.31	264	148196	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	8.64	82	11285	2.03	ng	0.00
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	11.52	172	20397	1.98	ng	0.00
78) Terphenyl-d14	17.30	244	18699	2.09	ng	-0.01
Target Compounds						
31) Naphthalene	9.78	128	179801	10.22	ng	Qvalue 98
32) Benzoic acid	9.79	122	122	5.11	ng	# 1
33) 4-Chloroaniline	9.78	127	23174	3.54	ng	# 29
49) Dimethylphthalate	12.21	163	73589	6.05	ng	99
76) Benzidine	16.99	184	14712	8.97	ng	# 95

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

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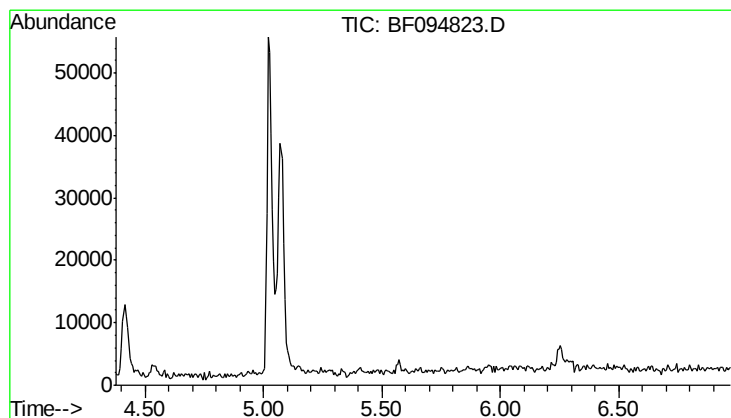
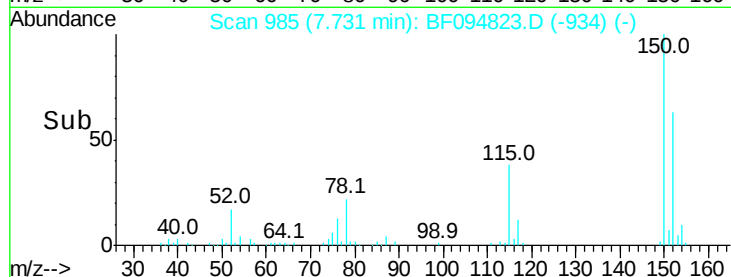
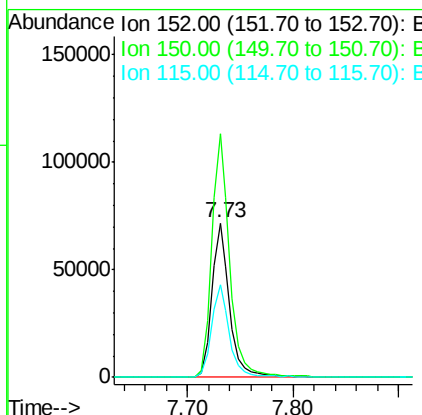
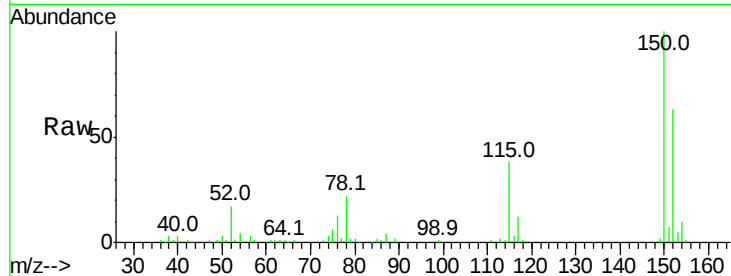
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.73 min Scan# 985
 Delta R.T. 0.00 min
 Lab File: BF094823.D
 Acq: 3 May 2017 8:20

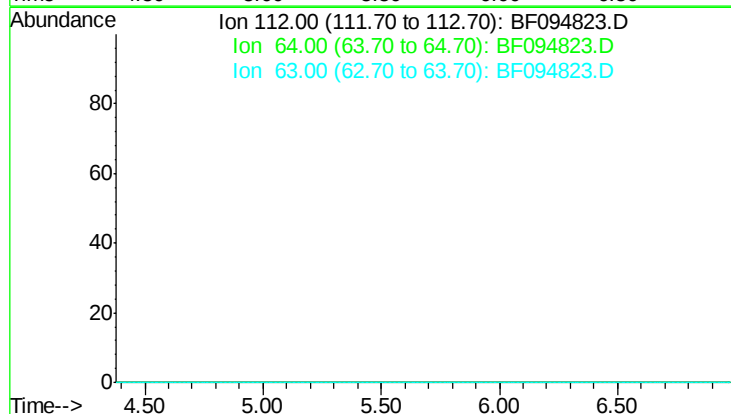
Tot Ion:152 Resp: 84240
 Ion Ratio Lower Upper
 152 100
 150 158.0 126.2 189.2
 115 60.0 52.2 78.2

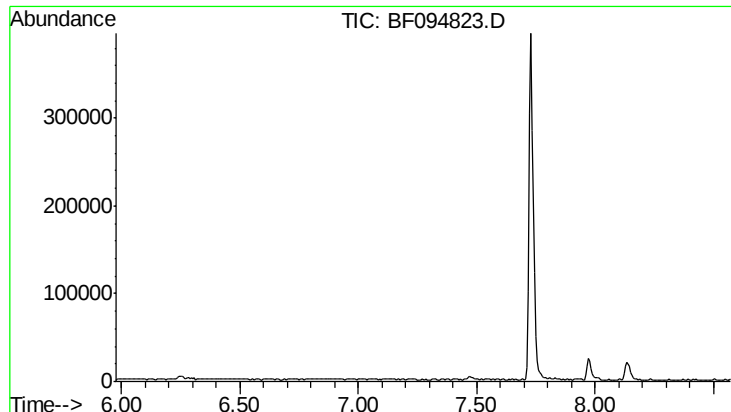


#5
 2-Fluorophenol
 Concen: 0.00 ng
 Expected RT: 5.68 min

Lab File: BF094823.D
 Acq: 3 May 2017 8:20

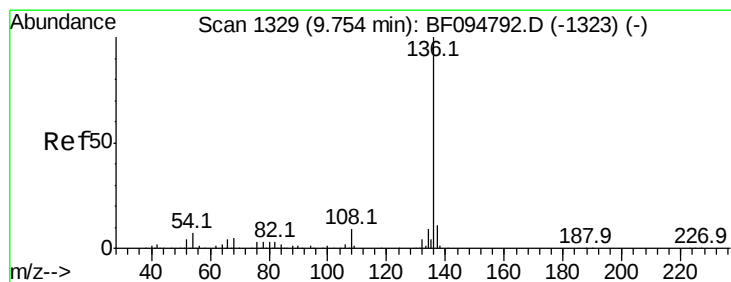
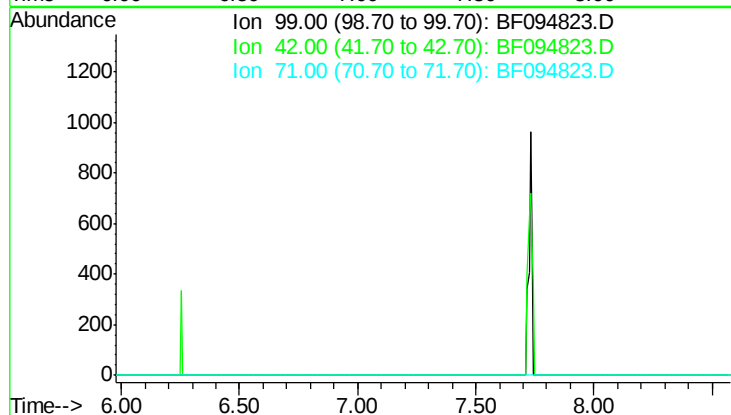
Tgt Ion: 112
 Sig Exp Ratio
 112 100
 64 57.5
 63 29.2





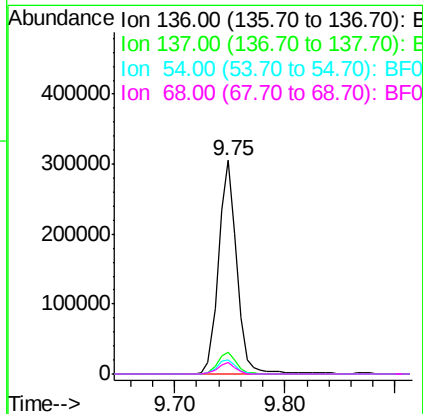
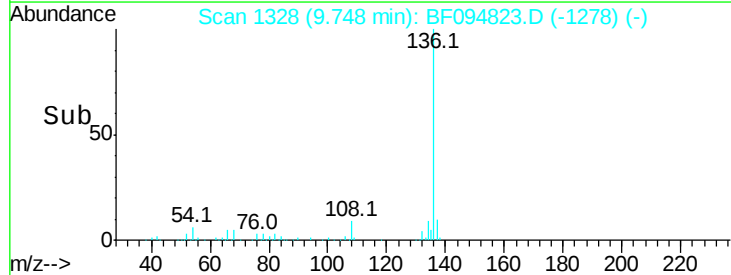
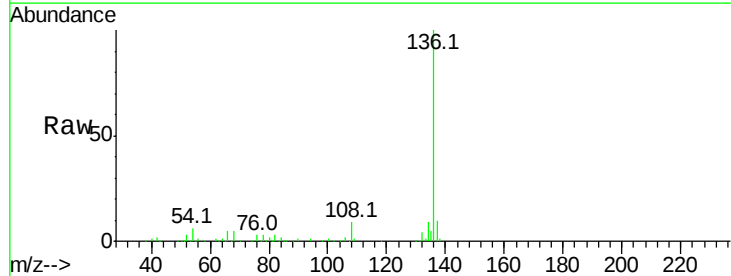
#7
 Phenol-d6
 Concen: 0.00 ng
 Expected RT: 7.28 min
 Lab File: BF094823.D
 Acq: 3 May 2017 8:20

Tot Ion: 99
 Sig Exp Ratio
 99 100
 42 16.9
 71 30.6



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 9.75 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF094823.D
 Acq: 3 May 2017 8:20

Tgt Ion: 136 Resp: 349956
 Ion Ratio Lower Upper
 136 100
 137 10.3 8.5 12.7
 54 6.4 4.9 7.3
 68 5.2 4.1 6.1





#23

Nitrobenzene-d5

Concen: 2.03 ng

RT: 8.64 min Scan# 1139

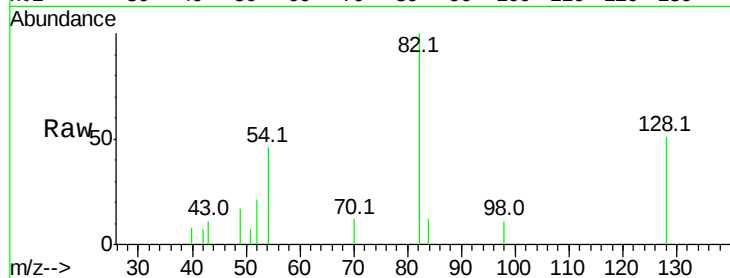
Delta R.T. 0.00 min

Lab File: BF094823.D

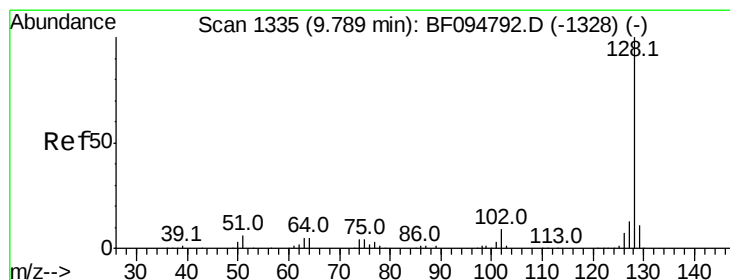
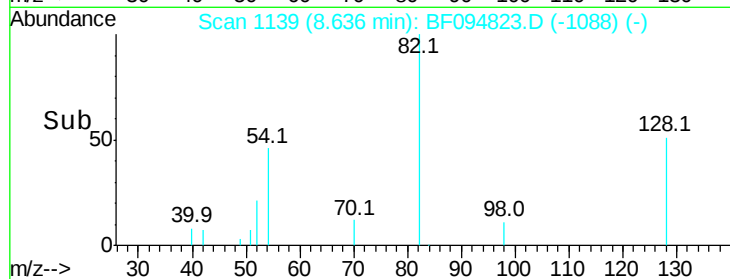
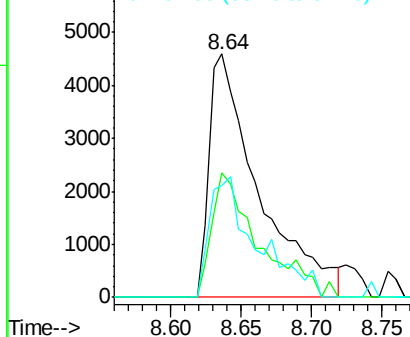
Acq: 3 May 2017 8:20

Tot Ion: 82 Resp: 11285

Ion	Ratio	Lower	Upper
82	100		
128	51.0	34.0	51.0#
54	45.8	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: 10.22 ng

RT: 9.78 min Scan# 1334

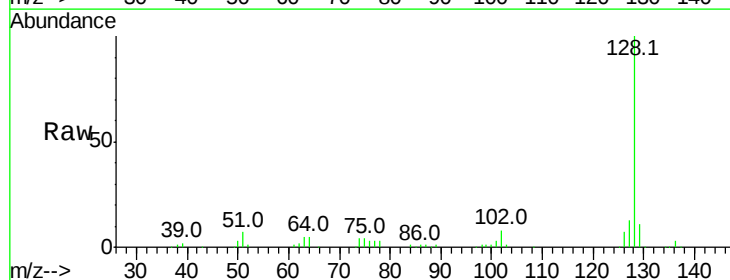
Delta R.T. -0.01 min

Lab File: BF094823.D

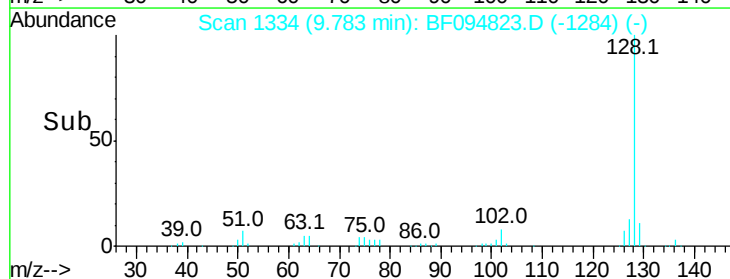
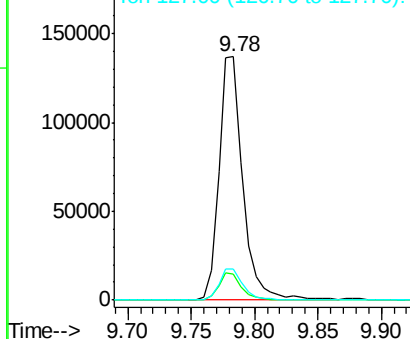
Acq: 3 May 2017 8:20

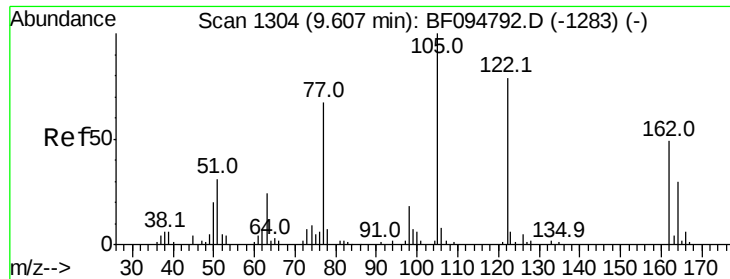
Tgt Ion: 128 Resp: 179801

Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.0	13.6
127	12.8	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: 5.11 ng

RT: 9.79 min Scan# 1335

Delta R.T. 0.18 min

Lab File: BF094823.D

Acq: 3 May 2017 8:20

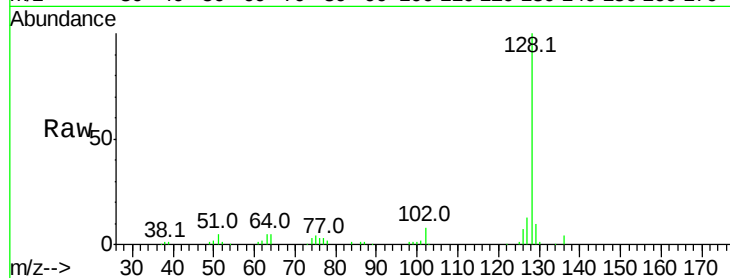
Tot Ion:122 Resp: 122

Ion Ratio Lower Upper

122 100

105 0.0 103.3 143.3#

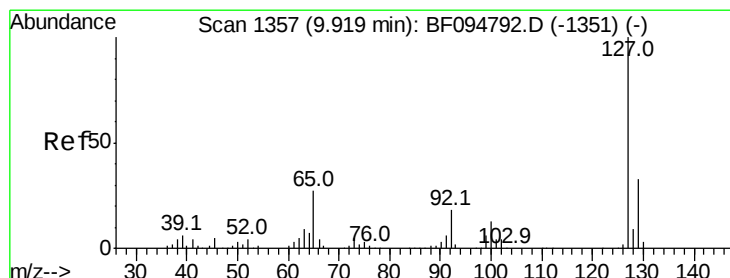
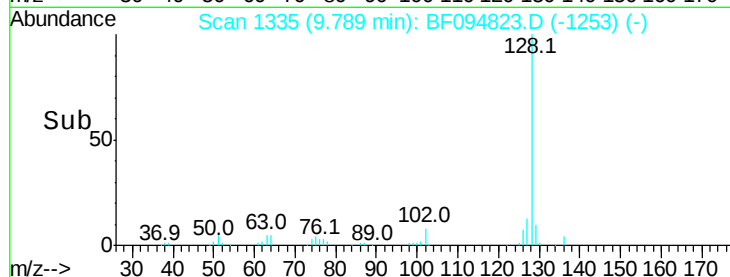
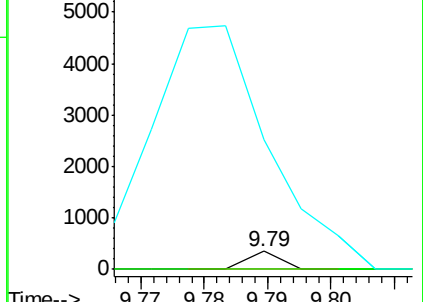
77 729.8 73.7 113.7#



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: 3.54 ng

RT: 9.78 min Scan# 1333

Delta R.T. -0.14 min

Lab File: BF094823.D

Acq: 3 May 2017 8:20

Tgt Ion:127 Resp: 23174

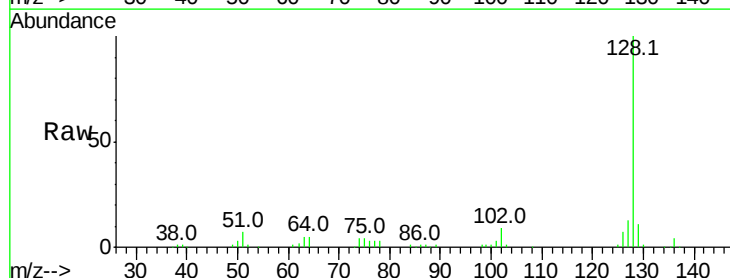
Ion Ratio Lower Upper

127 100

129 88.4 26.2 39.2#

65 0.0 27.8 41.8#

92 0.0 16.8 25.2#

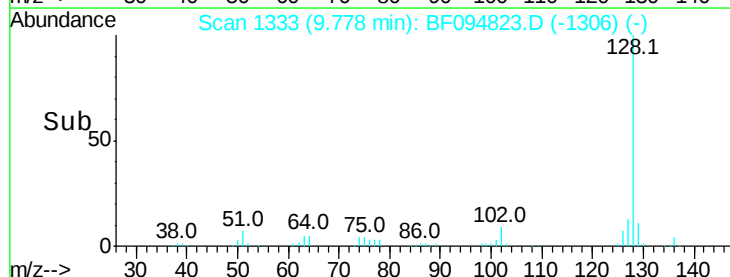
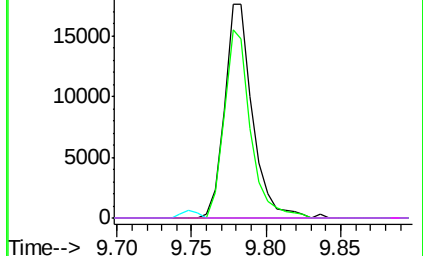


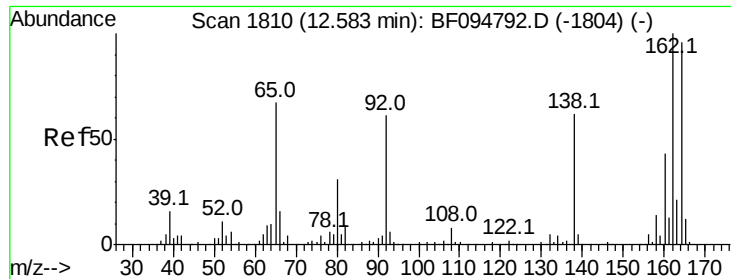
Abundance Ion 127.00 (126.70 to 127.70): E

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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.58 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BF094823.D

Acq: 3 May 2017 8:20

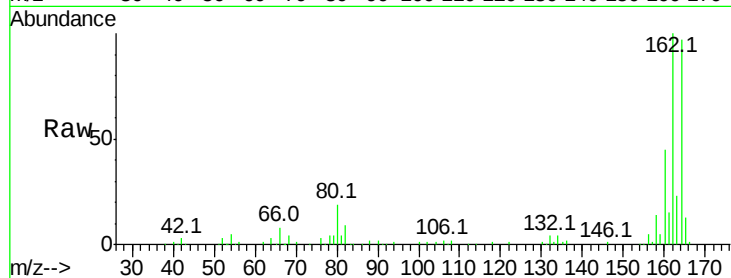
Tot Ion:164 Resp: 148128

Ion Ratio Lower Upper

164 100

162 103.2 82.6 123.8

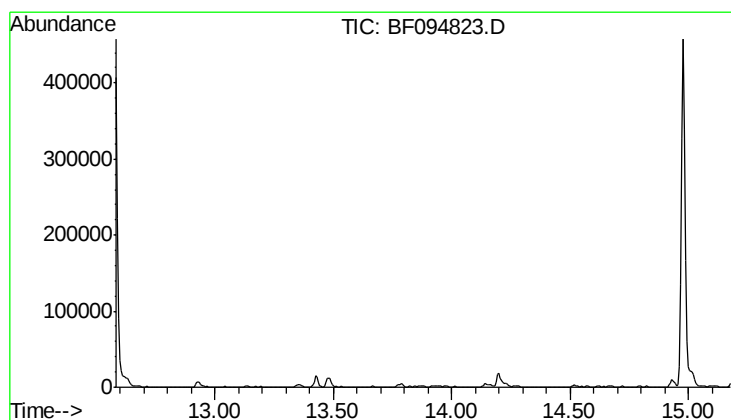
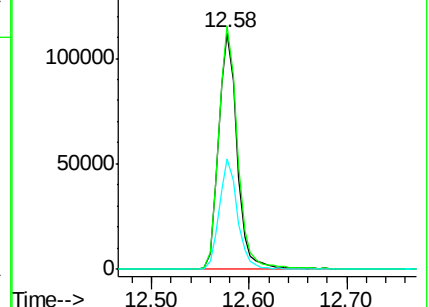
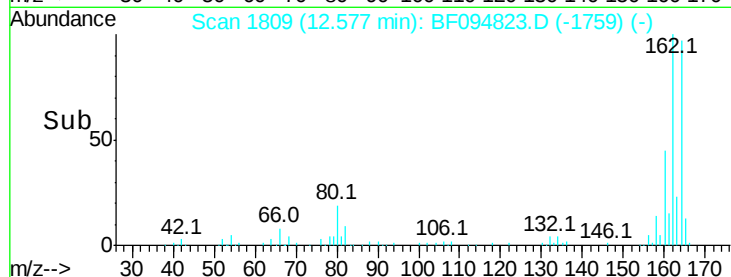
160 46.7 36.2 54.2



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: 0.00 ng

Expected RT: 13.88 min

Lab File: BF094823.D

Acq: 3 May 2017 8:20

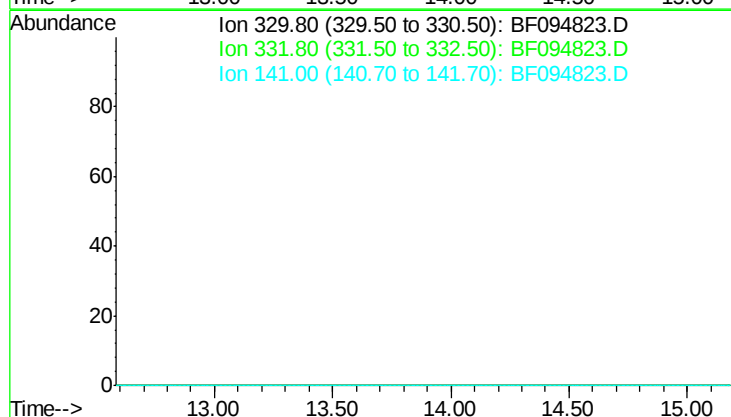
Tgt Ion: 330

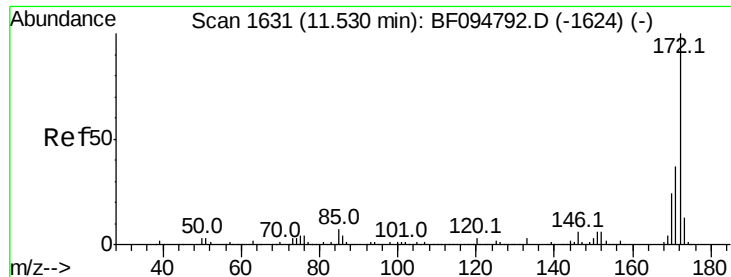
Sig Exp Ratio

330 100

332 95.8

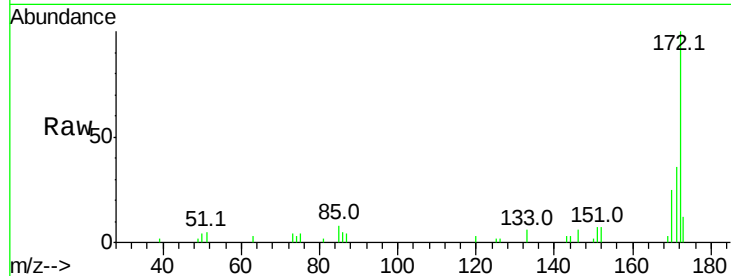
141 39.3



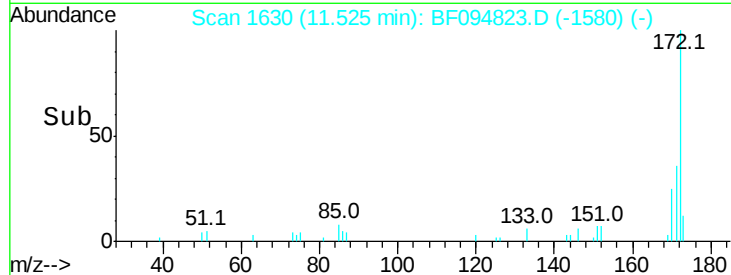
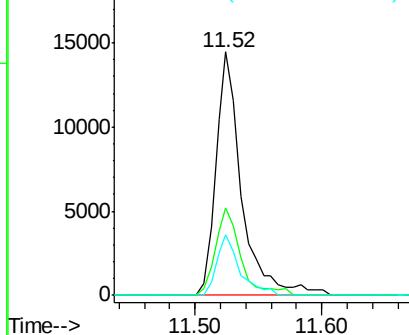


#44
 2-Fluorobiphenyl
 Concen: 1.98 ng
 RT: 11.52 min Scan# 1630
 Delta R.T. -0.01 min
 Lab File: BF094823.D
 Acq: 3 May 2017 8:20

Tot Ion:	172	Resp:	20397
Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	24.7	19.8	29.8

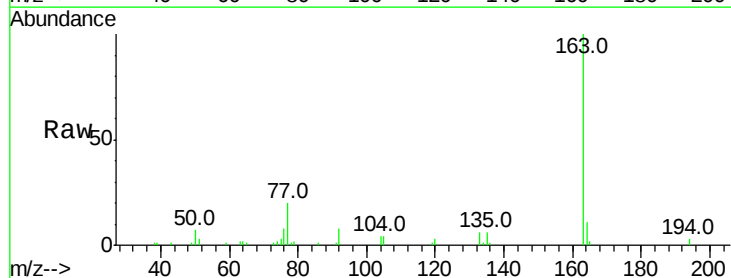


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

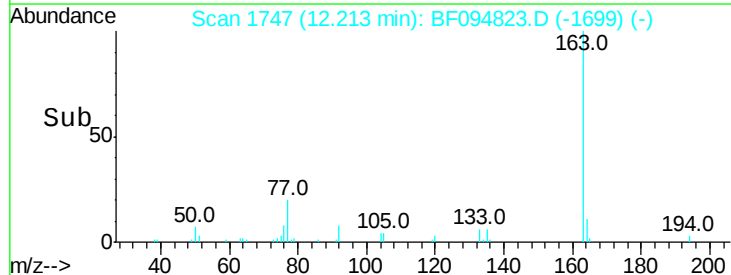
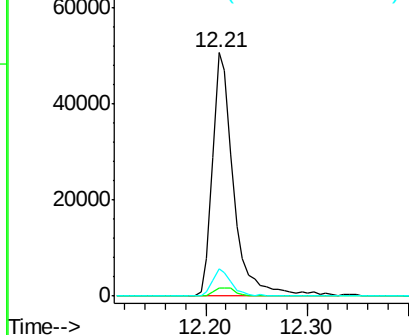


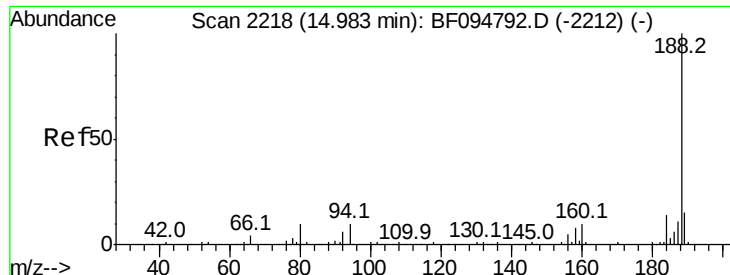
#49
 Dimethylphthalate
 Concen: 6.05 ng
 RT: 12.21 min Scan# 1747
 Delta R.T. -0.02 min
 Lab File: BF094823.D
 Acq: 3 May 2017 8:20

Tgt Ion:	163	Resp:	73589
Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.6	4.0
164	11.1	8.4	12.6



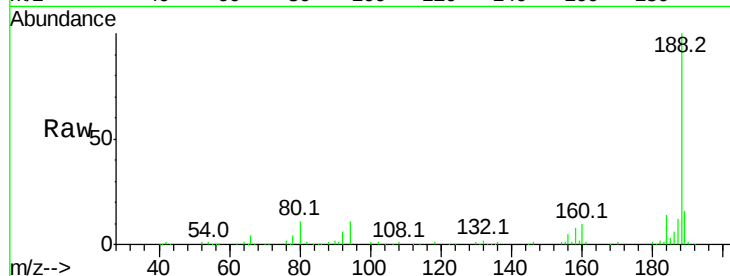
Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E



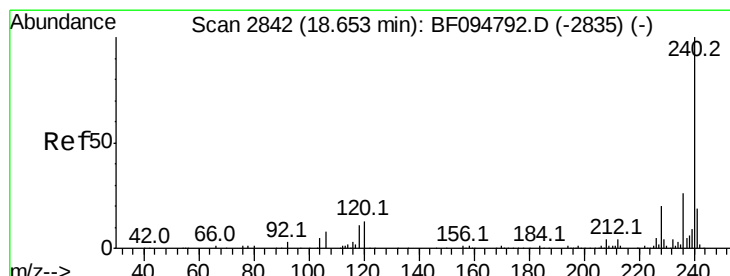
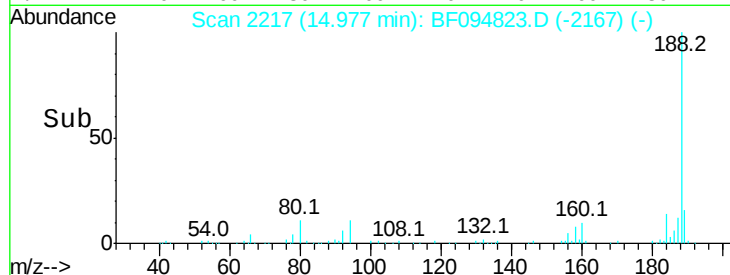
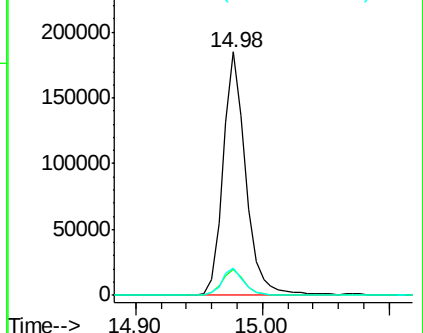


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.98 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF094823.D
Acq: 3 May 2017 8:20

Tot Ion:188 Resp: 228712
Ion Ratio Lower Upper
188 100
94 10.8 9.4 14.2
80 11.2 10.2 15.2

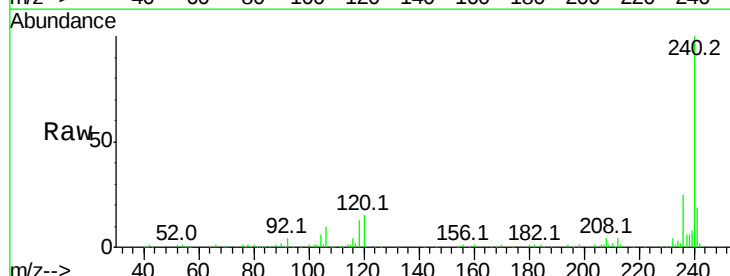


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

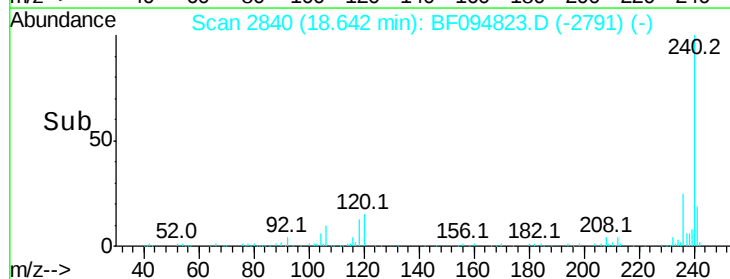
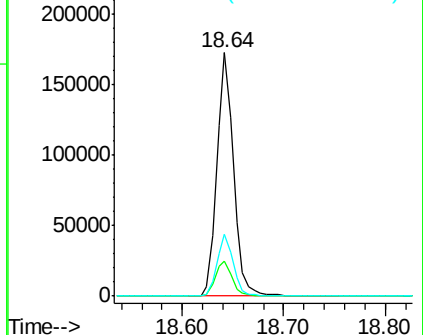


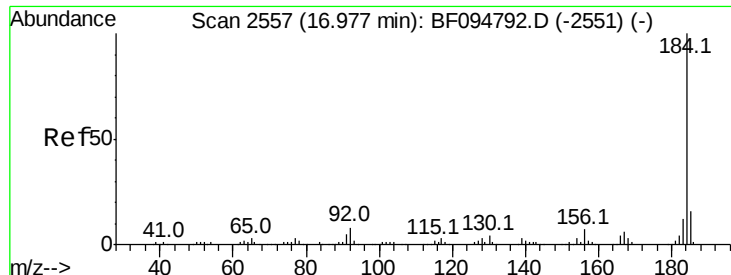
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.64 min Scan# 2840
Delta R.T. -0.01 min
Lab File: BF094823.D
Acq: 3 May 2017 8:20

Tgt Ion:240 Resp: 197142
Ion Ratio Lower Upper
240 100
120 14.5 5.8 8.8#
236 25.4 20.5 30.7



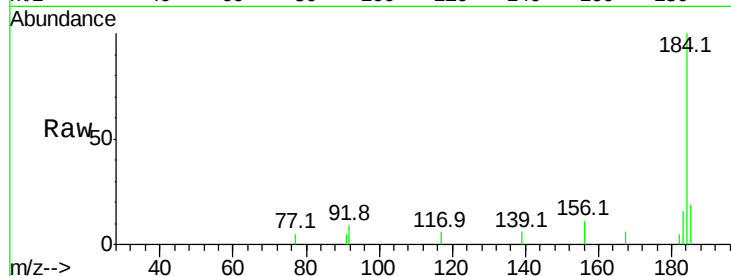
Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



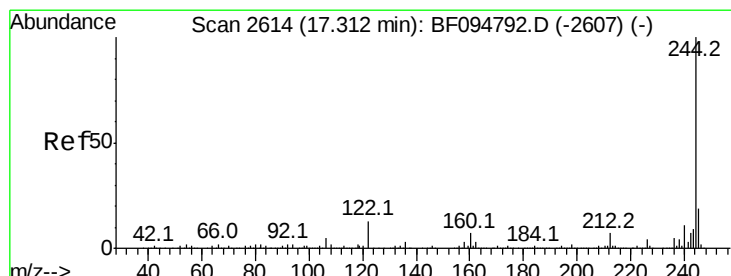
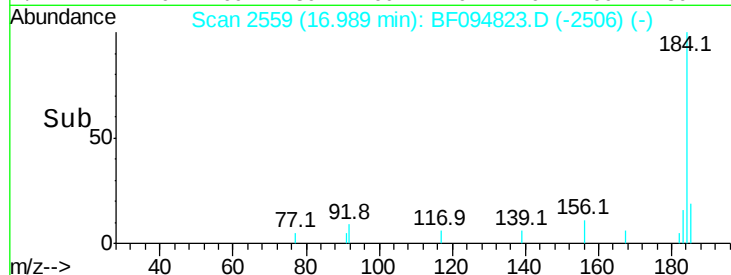
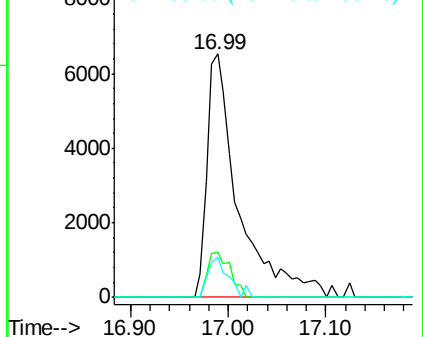


#76
Benzidine
Concen: 8.97 ng
RT: 16.99 min Scan# 2559
Delta R.T. 0.01 min
Lab File: BF094823.D
Acq: 3 May 2017 8:20

Tot Ion:184 Resp: 14712
Ion Ratio Lower Upper
184 100
185 18.6 15.5 23.3
183 16.4 9.8 14.6#

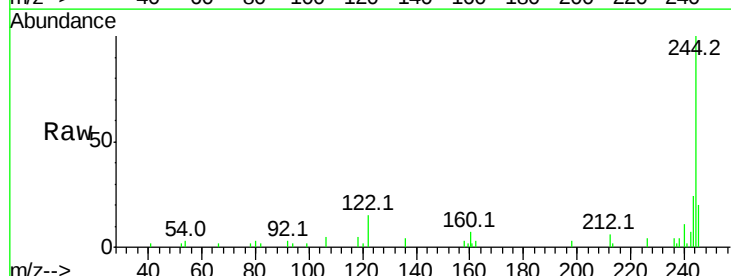


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

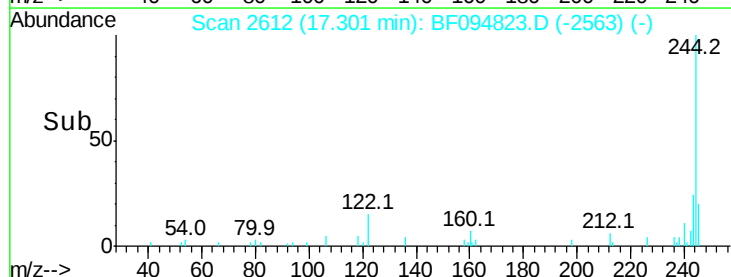
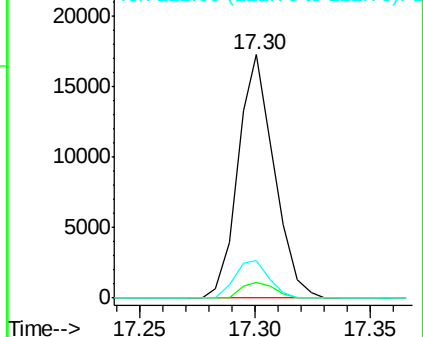


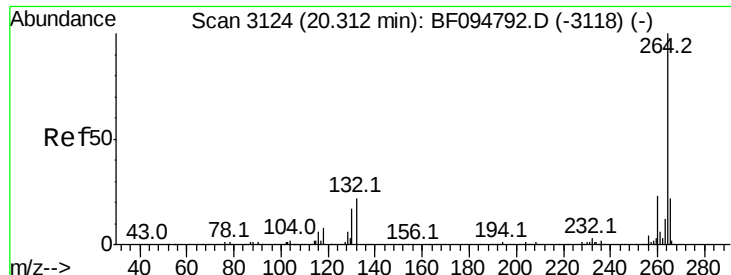
#78
Terphenyl-d14
Concen: 2.09 ng
RT: 17.30 min Scan# 2612
Delta R.T. -0.01 min
Lab File: BF094823.D
Acq: 3 May 2017 8:20

Tgt Ion:244 Resp: 18699
Ion Ratio Lower Upper
244 100
212 6.4 6.0 9.0
122 15.2 10.3 15.5



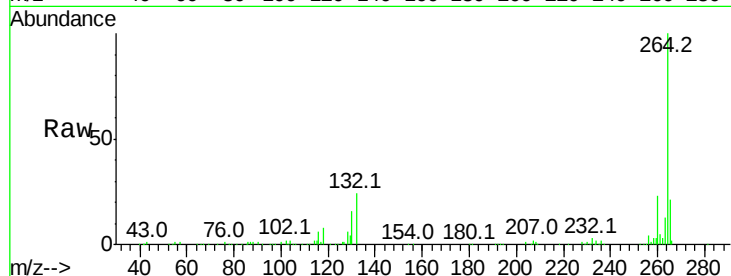
Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.31 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BF094823.D
Acq: 3 May 2017 8:20

Tot	Ion:264	Resp:	148196
Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.5	29.3
265	21.0	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

