

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052617\
 Data File : BF095481.D
 Acq On : 27 May 2017 3:21
 Operator : SJ/MA
 Sample : PB99316BL
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

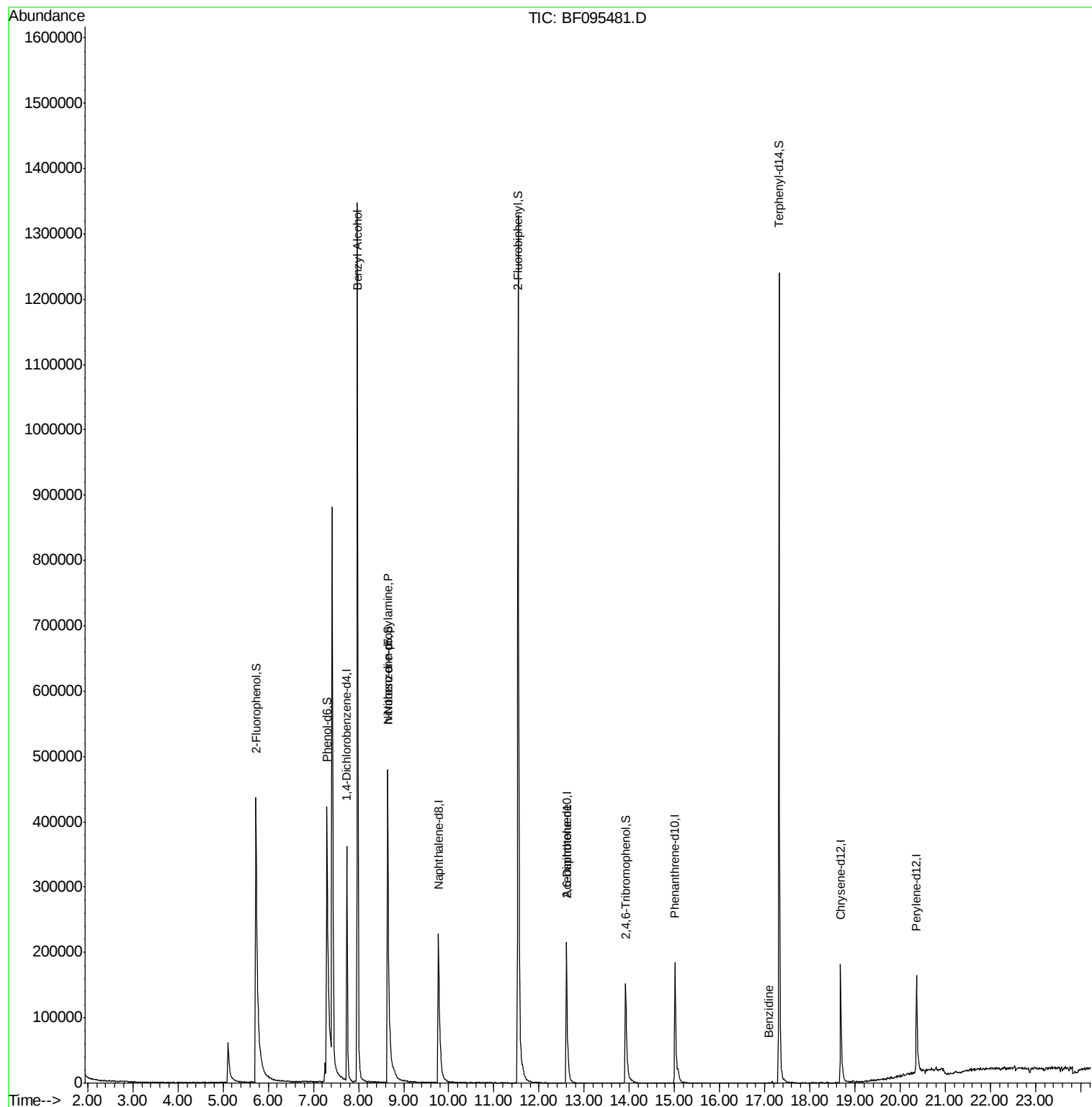
Quant Time: May 27 05:19:43 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 26 16:50:16 2017
 Response via : Initial Calibration

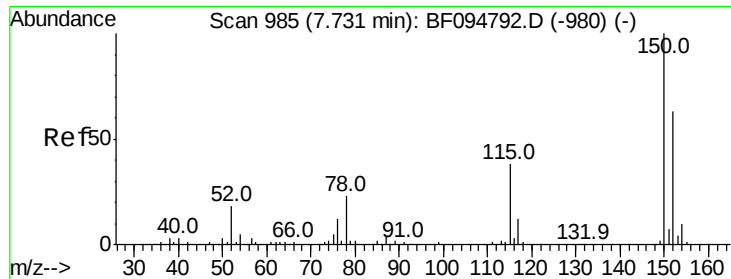
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	85443	20.00	ng	0.00
21) Naphthalene-d8	9.77	136	321211	20.00	ng	0.01
38) Acenaphthene-d10	12.61	164	103829	20.00	ng	0.01
63) Phenanthrene-d10	15.01	188	181921	20.00	ng	0.01
75) Chrysene-d12	18.68	240	126459	20.00	ng	0.00
86) Perylene-d12	20.37	264	108699	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	429732	83.85	ng	0.02
7) Phenol-d6	7.30	99	510012	82.94	ng	0.00
23) Nitrobenzene-d5	8.65	82	409518	80.39	ng	0.00
41) 2,4,6-Tribromophenol	13.92	330	52574	61.83	ng	0.02
44) 2-Fluorobiphenyl	11.54	172	931226	129.09	ng	0.00
78) Terphenyl-d14	17.32	244	569216	99.14	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	7.98	79	7987	2.02	ng	# 42
19) n-Nitroso-di-n-propylamine	8.65	70	45214	10.87	ng	# 77
50) 2,6-Dinitrotoluene	12.60	165	10539	6.06	ng	# 31
76) Benzidine	17.09	184	1230	6.90	ng	# 62

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

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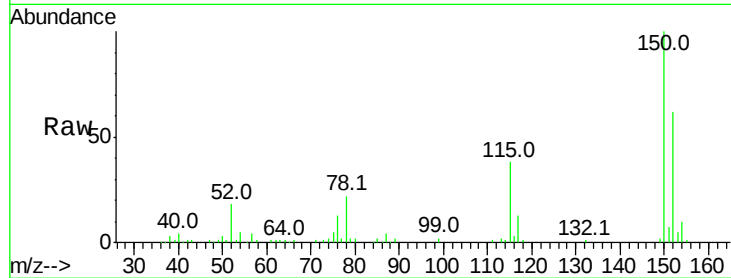




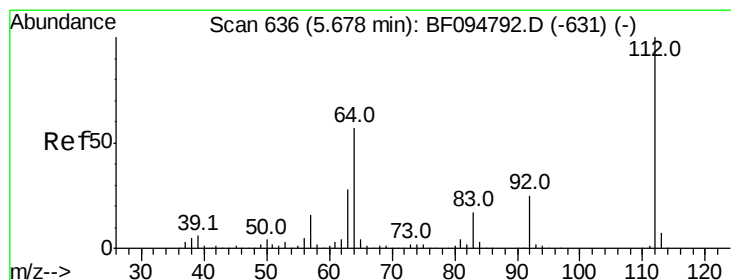
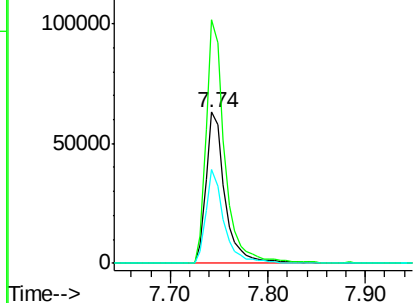
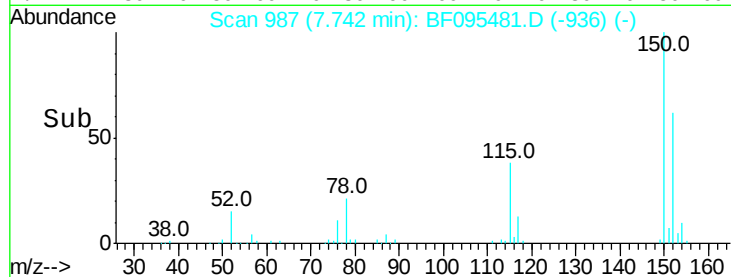
#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.74 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF095481.D
Acq: 27 May 2017 3:21

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.9	126.2	189.2
115	61.9	52.2	78.2



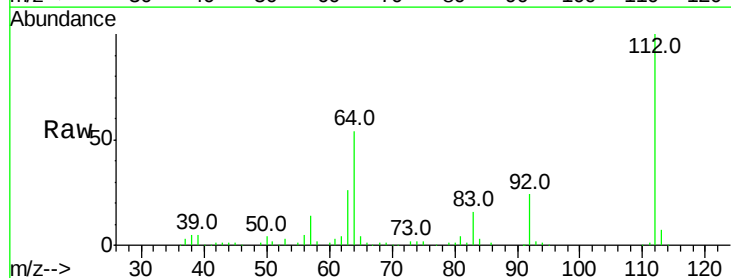
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



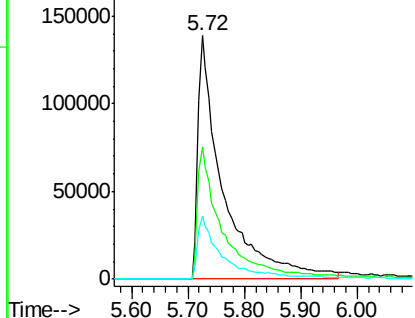
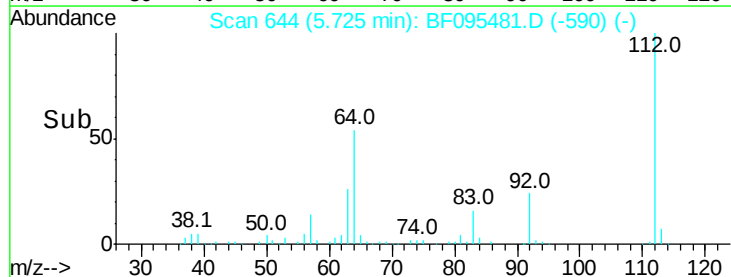
#5

2-Fluorophenol
Concen: 83.85 ng
RT: 5.72 min Scan# 644
Delta R.T. 0.02 min
Lab File: BF095481.D
Acq: 27 May 2017 3:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.2	46.0	69.0
63	26.2	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: 82.94 ng

RT: 7.30 min Scan# 911

Delta R.T. 0.00 min

Lab File: BF095481.D

Acq: 27 May 2017 3:21

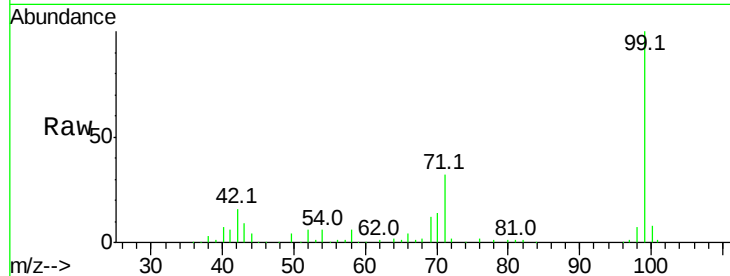
Tot Ion: 99 Resp: 510012

Ion Ratio Lower Upper

99 100

42 15.5 13.5 20.3

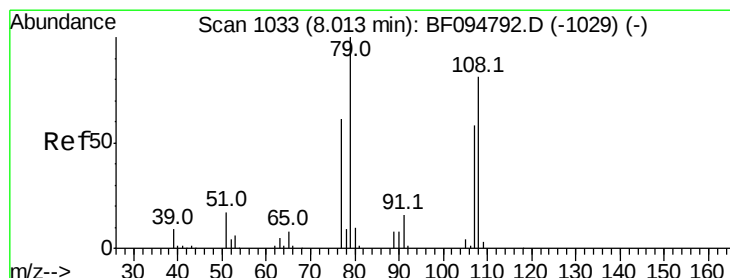
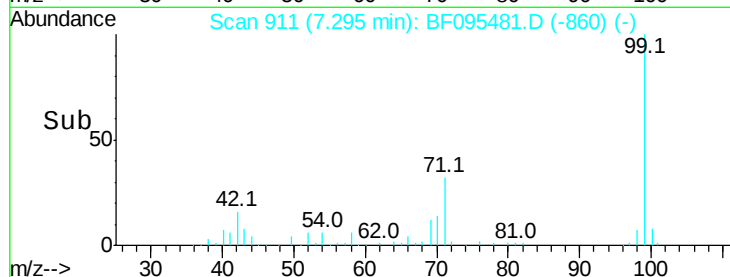
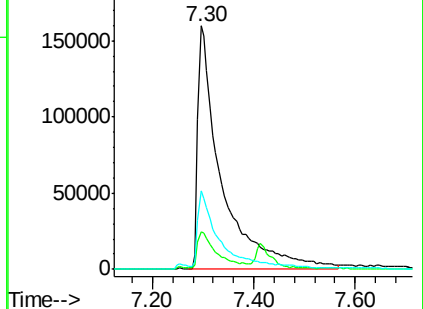
71 32.1 24.5 36.7



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: 7.98 min Scan# 1027

Delta R.T. -0.06 min

Lab File: BF095481.D

Acq: 27 May 2017 3:21

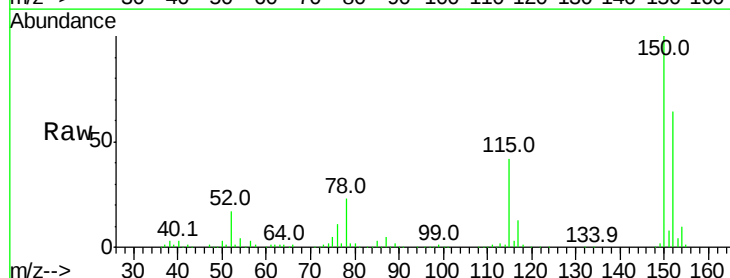
Tgt Ion: 79 Resp: 7987

Ion Ratio Lower Upper

79 100

108 25.4 63.4 95.0#

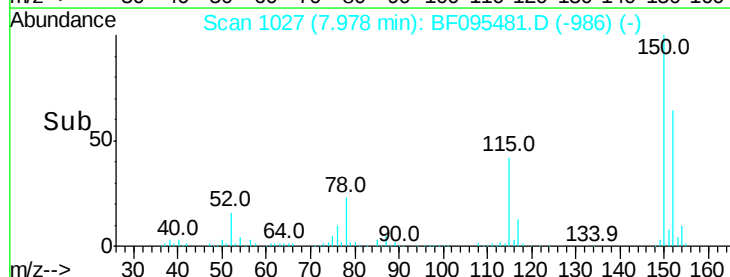
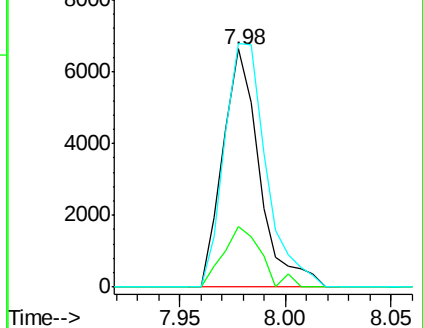
77 102.2 49.2 73.8#

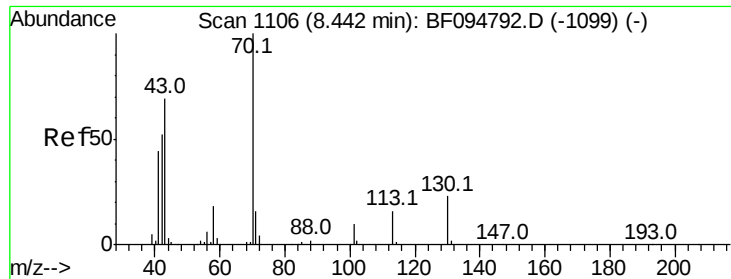


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

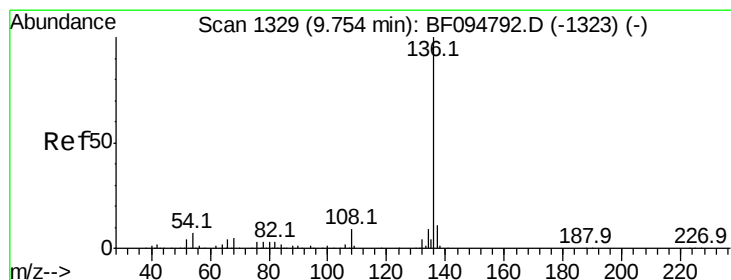
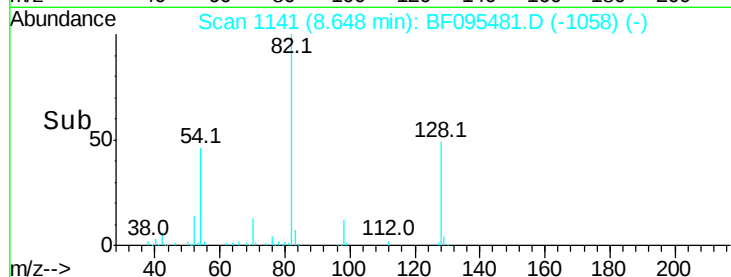
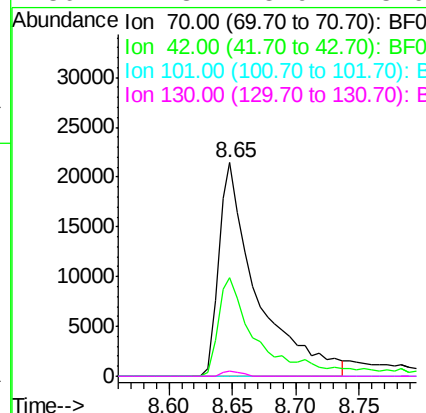
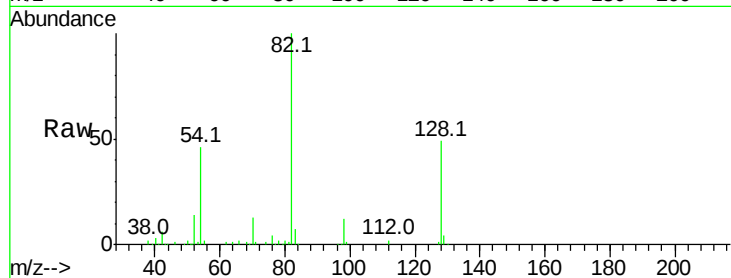
Ion 77.00 (76.70 to 77.70): BF0





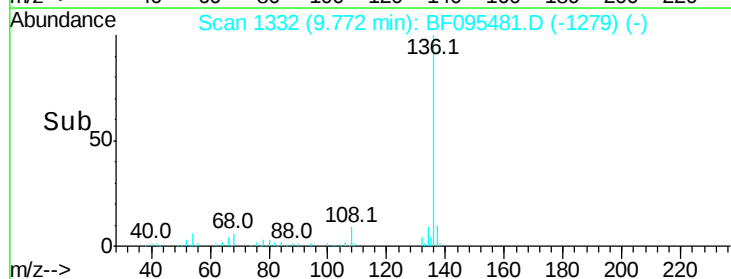
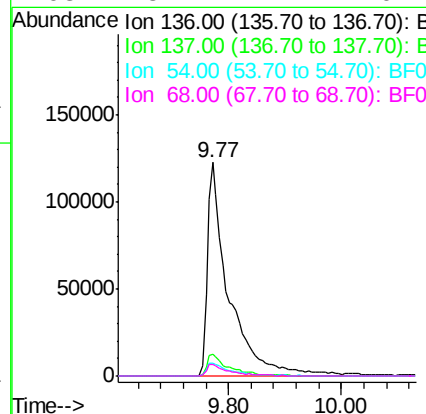
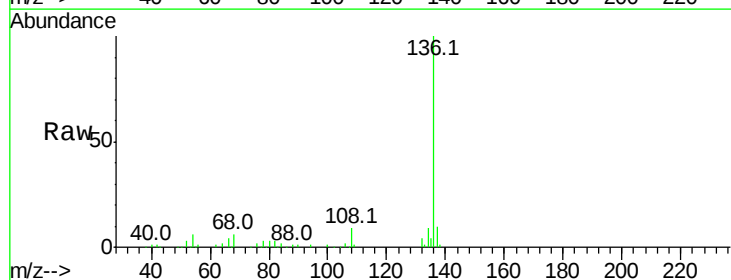
#19
n-Nitroso-di-n-propylamine
Concen: 10.87 ng
RT: 8.65 min Scan# 1141
Delta R.T. 0.19 min
Lab File: BF095481.D
Acq: 27 May 2017 3:21

Tot Ion: 70 Resp: 45214
Ion Ratio Lower Upper
70 100
42 45.9 47.2 70.8#
101 0.0 7.2 10.8#
130 2.3 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.77 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF095481.D
Acq: 27 May 2017 3:21

Tgt Ion: 136 Resp: 321211
Ion Ratio Lower Upper
136 100
137 10.1 8.5 12.7
54 6.2 4.9 7.3
68 5.7 4.1 6.1





#23

Nitrobenzene-d5

Concen: 80.39 ng

RT: 8.65 min Scan# 1141

Delta R.T. -0.01 min

Lab File: BF095481.D

Acq: 27 May 2017 3:21

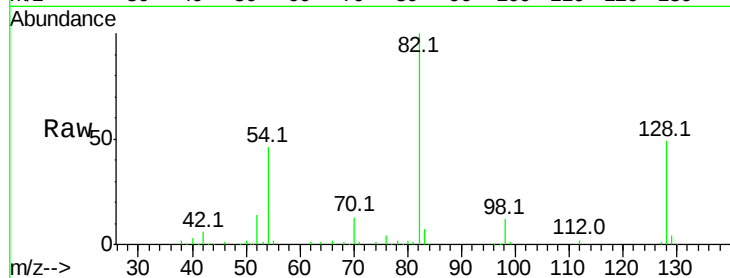
Tot Ion: 82 Resp: 409518

Ion Ratio Lower Upper

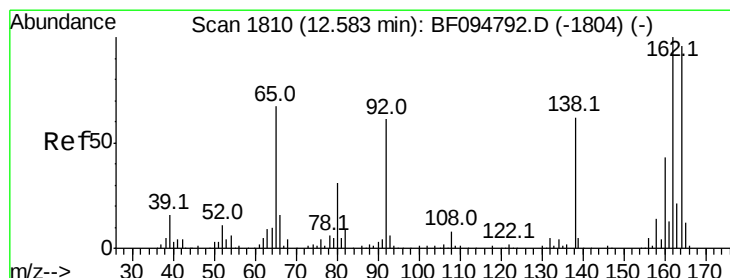
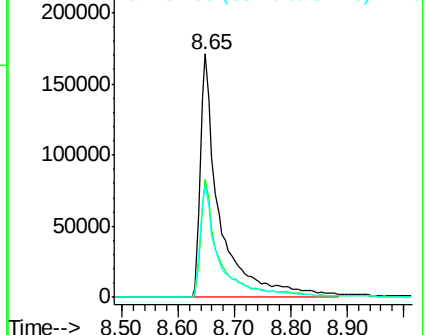
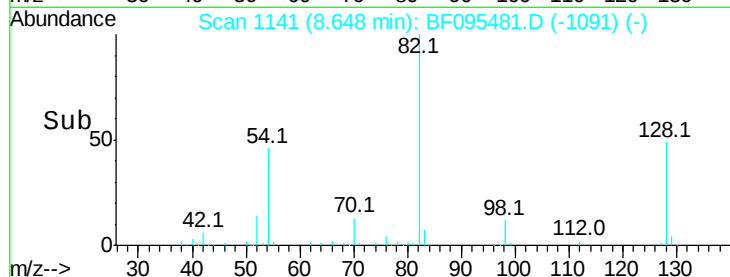
82 100

128 48.6 34.0 51.0

54 46.1 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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.61 min Scan# 1814

Delta R.T. 0.01 min

Lab File: BF095481.D

Acq: 27 May 2017 3:21

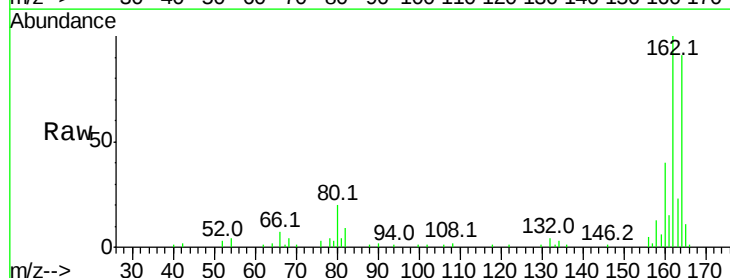
Tgt Ion: 164 Resp: 103829

Ion Ratio Lower Upper

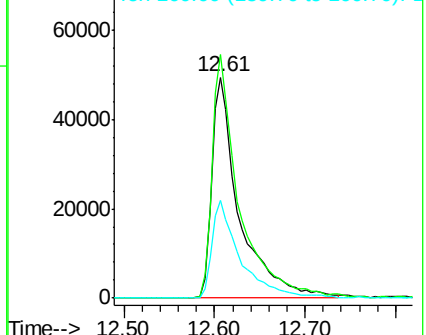
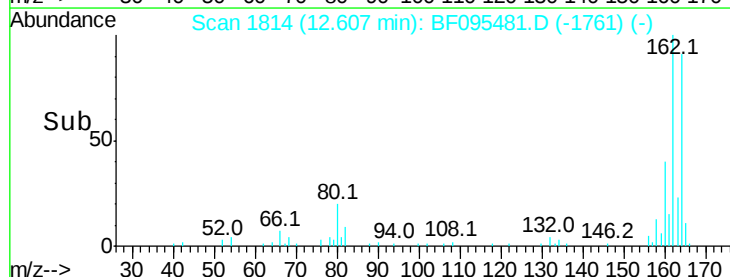
164 100

162 110.3 82.6 123.8

160 44.4 36.2 54.2



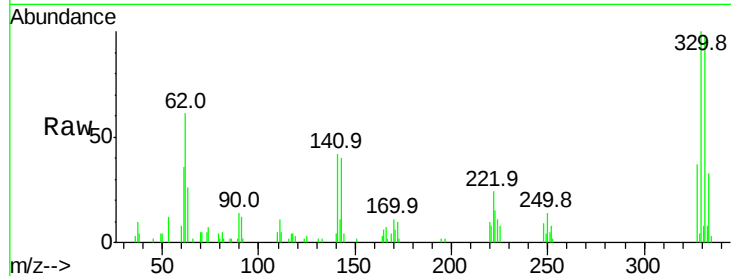
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



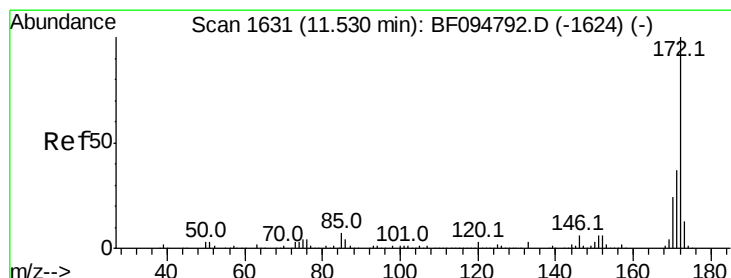
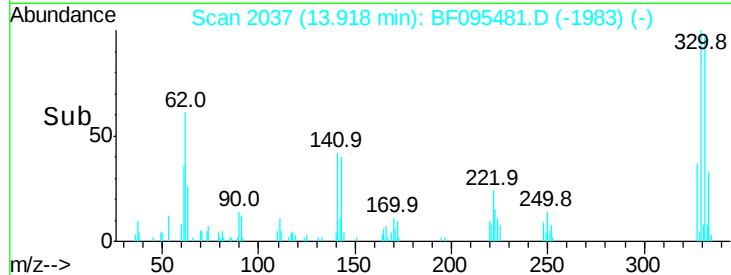
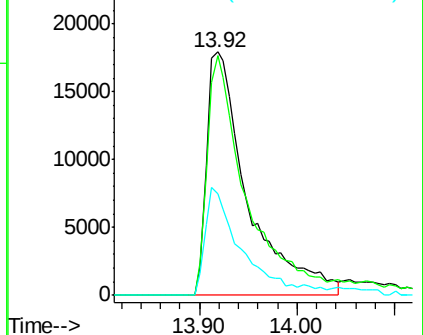


#41
 2,4,6-Tribromophenol
 Concen: 61.83 ng
 RT: 13.92 min Scan# 2037
 Delta R.T. 0.02 min
 Lab File: BF095481.D
 Acq: 27 May 2017 3:21

Tot Ion:330 Resp: 52574
 Ion Ratio Lower Upper
 330 100
 332 93.6 76.6 115.0
 141 39.5 31.4 47.2

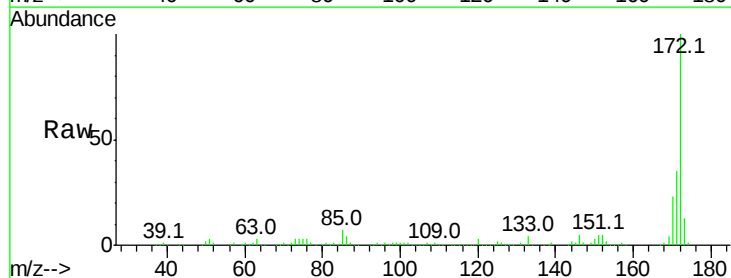


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

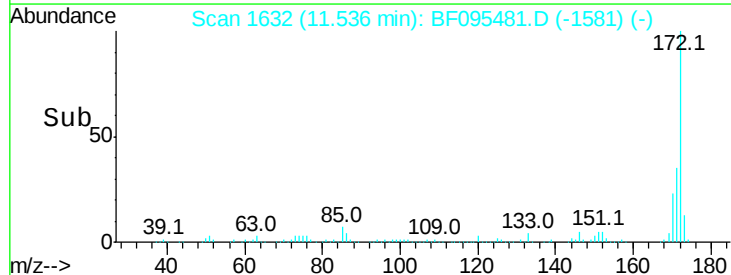
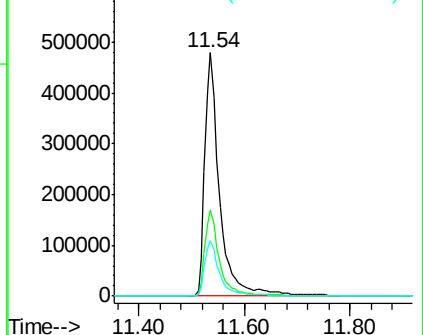


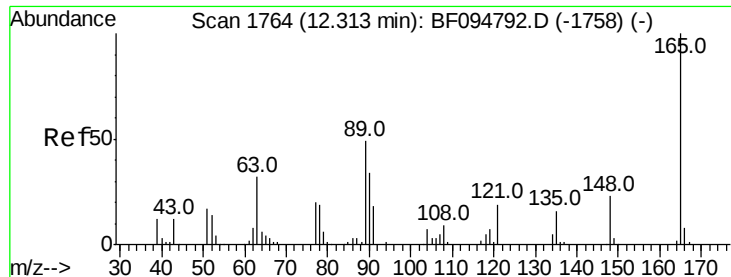
#44
 2-Fluorobiphenyl
 Concen: 129.09 ng
 RT: 11.54 min Scan# 1632
 Delta R.T. 0.00 min
 Lab File: BF095481.D
 Acq: 27 May 2017 3:21

Tgt Ion:172 Resp: 931226
 Ion Ratio Lower Upper
 172 100
 171 35.1 29.6 44.4
 170 22.7 19.8 29.8



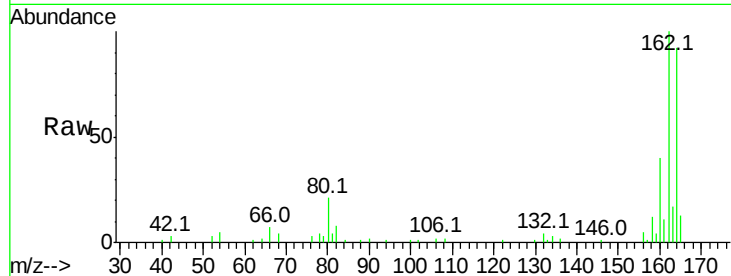
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#50
 2,6-Dinitrotoluene
 Concen: 6.06 ng
 RT: 12.60 min Scan# 1813
 Delta R.T. 0.26 min
 Lab File: BF095481.D
 Acq: 27 May 2017 3:21

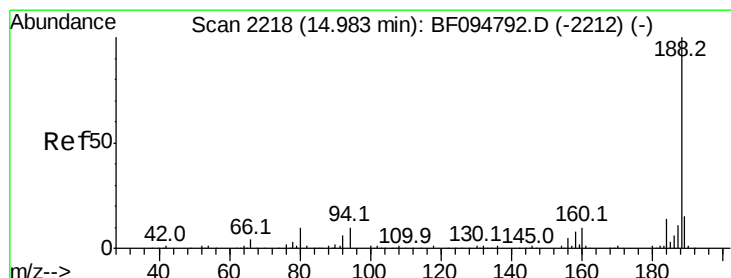
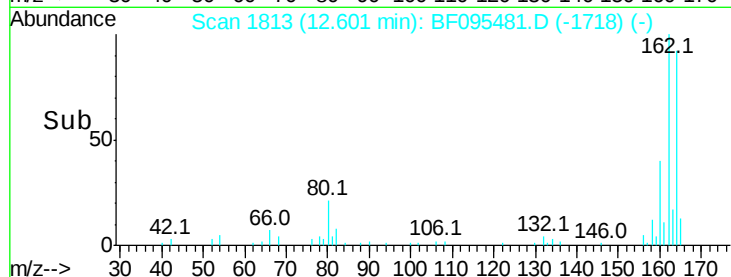
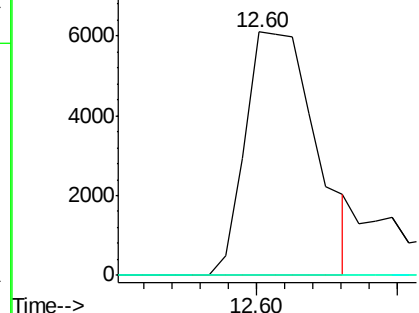
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#



Abundance Ion 165.00 (164.70 to 165.70): E

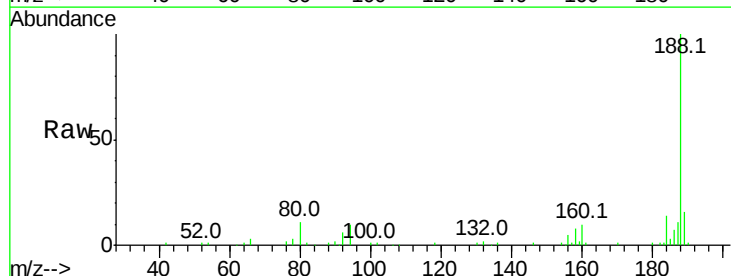
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.01 min Scan# 2223
 Delta R.T. 0.01 min
 Lab File: BF095481.D
 Acq: 27 May 2017 3:21

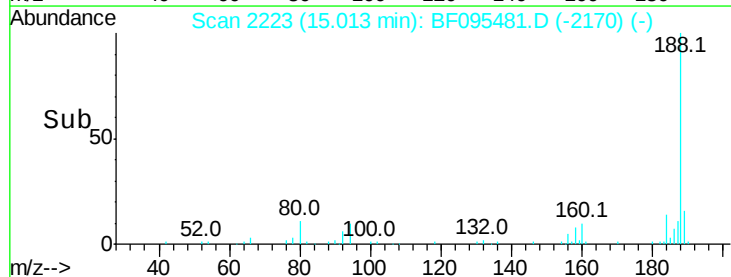
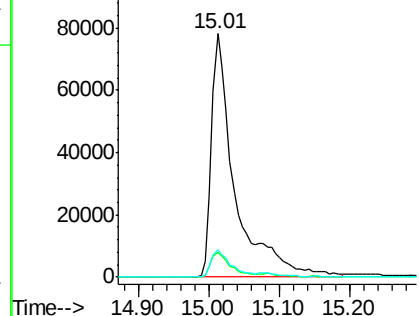
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.3	9.4	14.2
80	11.3	10.2	15.2

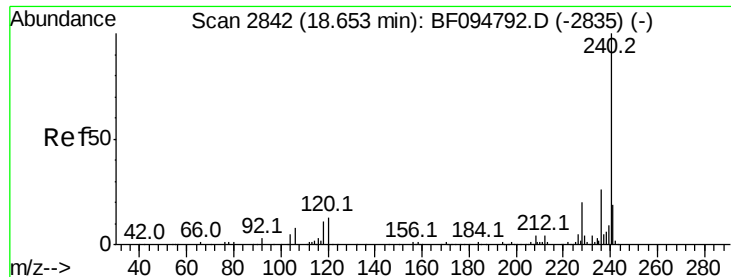


Abundance Ion 188.00 (187.70 to 188.70): E

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: 18.68 min Scan# 2847

Delta R.T. 0.01 min

Lab File: BF095481.D

Acq: 27 May 2017 3:21

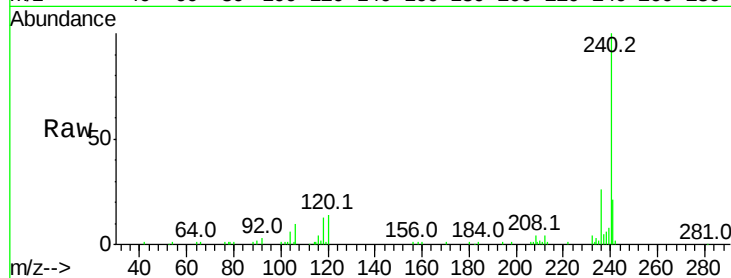
Tot Ion:240 Resp: 126459

Ion Ratio Lower Upper

240 100

120 13.6 5.8 8.8#

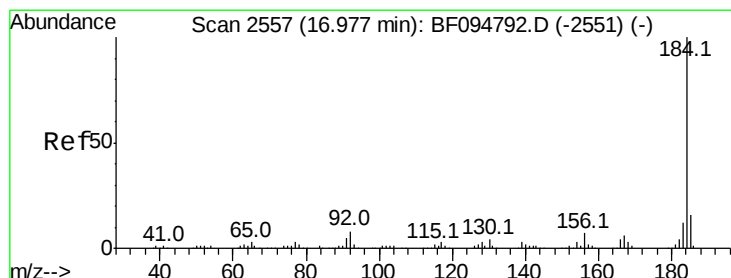
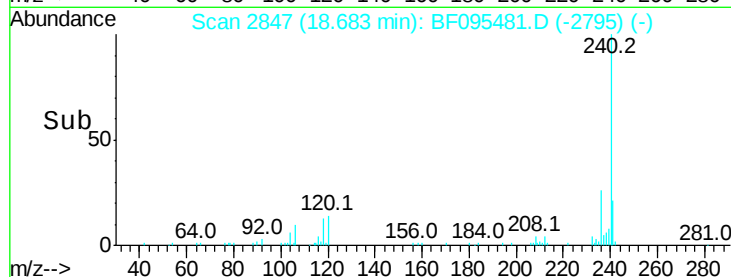
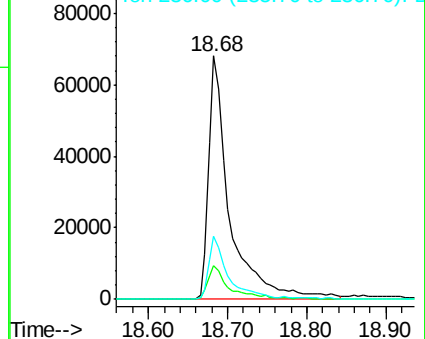
236 25.9 20.5 30.7



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: 6.90 ng

RT: 17.09 min Scan# 2576

Delta R.T. 0.08 min

Lab File: BF095481.D

Acq: 27 May 2017 3:21

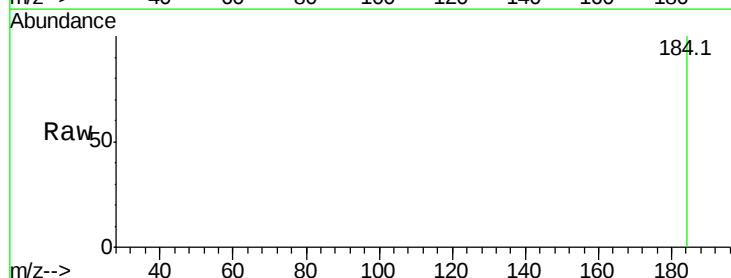
Tgt Ion:184 Resp: 1230

Ion Ratio Lower Upper

184 100

185 0.0 15.5 23.3#

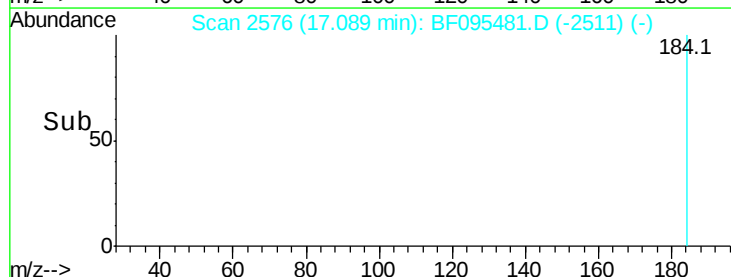
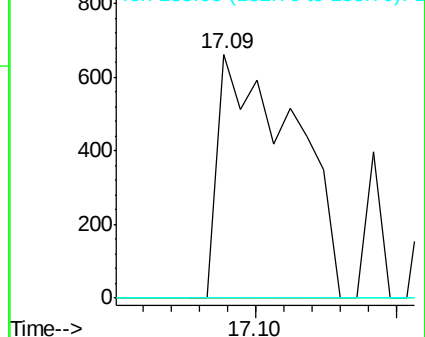
183 0.0 9.8 14.6#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

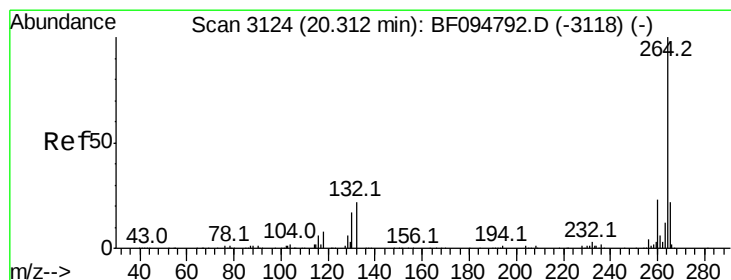
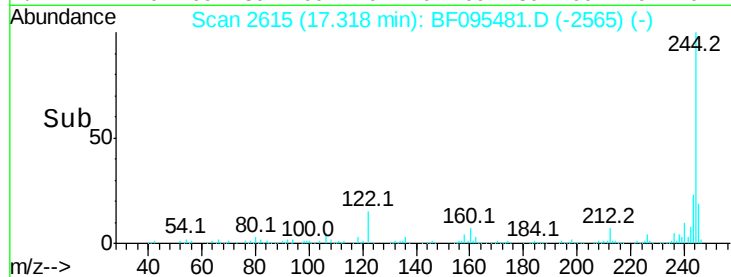
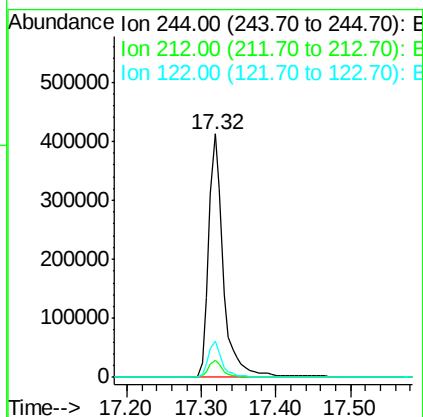
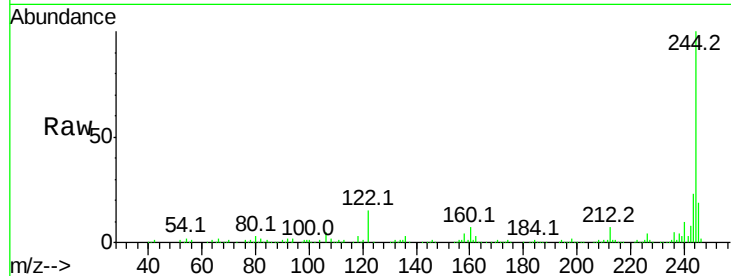
Ion 183.00 (182.70 to 183.70): E





#78
 Terphenyl-d14
 Concen: 99.14 ng
 RT: 17.32 min Scan# 2615
 Delta R.T. -0.01 min
 Lab File: BF095481.D
 Acq: 27 May 2017 3:21

Tot Ion:244 Resp: 569216
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 15.0 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.37 min Scan# 3133
 Delta R.T. 0.01 min
 Lab File: BF095481.D
 Acq: 27 May 2017 3:21

Tgt Ion:264 Resp: 108699
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.5 29.3
 265 23.2 17.2 25.8

