

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052617\
 Data File : BF095482.D
 Acq On : 27 May 2017 3:54
 Operator : SJ/MA
 Sample : I3316-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

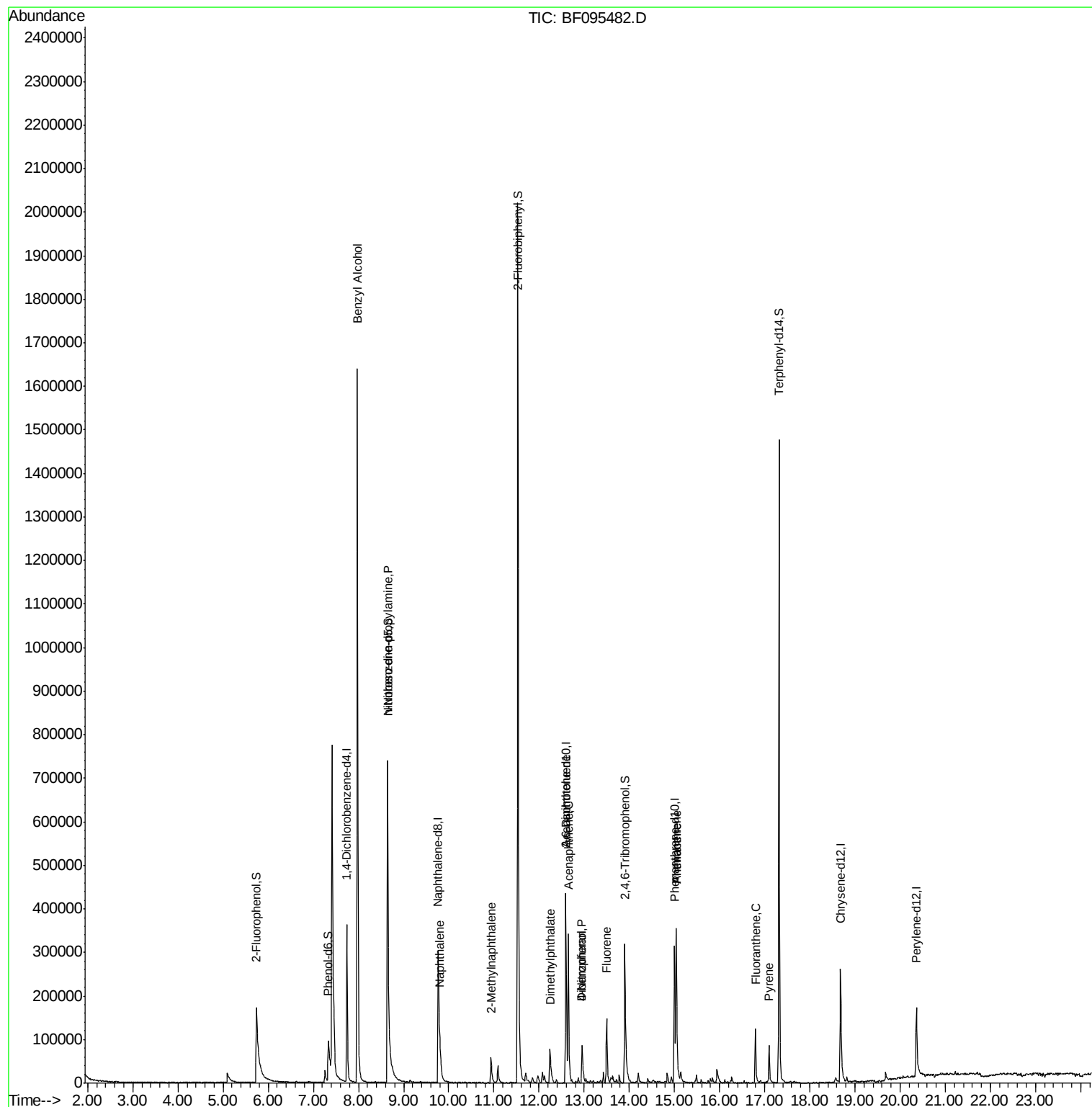
Quant Time: May 27 05:19:53 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 26 16:50:16 2017
 Response via : Initial Calibration

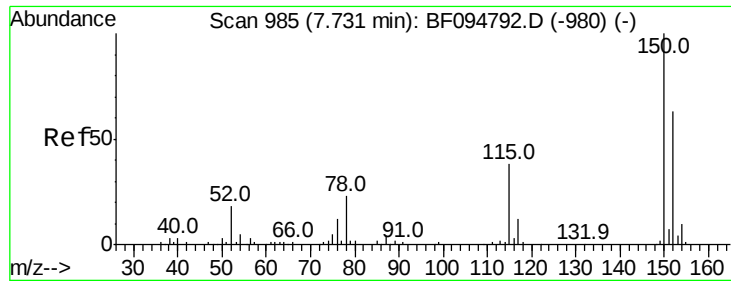
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	88588	20.00	ng	0.00
21) Naphthalene-d8	9.77	136	344786	20.00	ng	0.00
38) Acenaphthene-d10	12.59	164	141577	20.00	ng	0.00
63) Phenanthrene-d10	15.00	188	196434	20.00	ng	0.00
75) Chrysene-d12	18.68	240	169132	20.00	ng	0.00
86) Perylene-d12	20.36	264	113195	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	233289	43.90	ng	0.03
7) Phenol-d6	7.33	99	165430	25.95	ng	0.04
23) Nitrobenzene-d5	8.65	82	572697	104.74	ng	0.00
41) 2,4,6-Tribromophenol	13.90	330	76947	66.36	ng	0.00
44) 2-Fluorobiphenyl	11.54	172	1140658	115.96	ng	0.00
78) Terphenyl-d14	17.32	244	631531	82.24	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	7.98	79	9116	2.22	ng	# 32
19) n-Nitroso-di-n-propylamine	8.64	70	66279	15.37	ng	# 75
31) Naphthalene	9.81	128	56065	3.24	ng	# 95
37) 2-Methylnaphthalene	10.94	142	38037	3.34	ng	98
49) Dimethylphthalate	12.24	163	78562	6.76	ng	100
50) 2,6-Dinitrotoluene	12.59	165	17547	7.40	ng	# 31
51) Acenaphthene	12.65	154	132626	14.73	ng	99
54) Dibenzofuran	12.95	168	82763	6.64	ng	93
55) 4-Nitrophenol	12.95	139	29394	19.23	ng	# 25
57) Fluorene	13.49	166	80548	7.43	ng	99
70) Phenanthrene	15.04	178	258943	22.94	ng	97
71) Anthracene	15.04	178	258943	22.46	ng	98
74) Fluoranthene	16.79	202	89495	7.73	ng	97
77) Pyrene	17.09	202	53533	4.23	ng	# 93

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052617\
Data File : BF095482.D
Acq On : 27 May 2017 3:54
Operator : SJ/MA
Sample : I3316-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: May 27 05:19:53 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

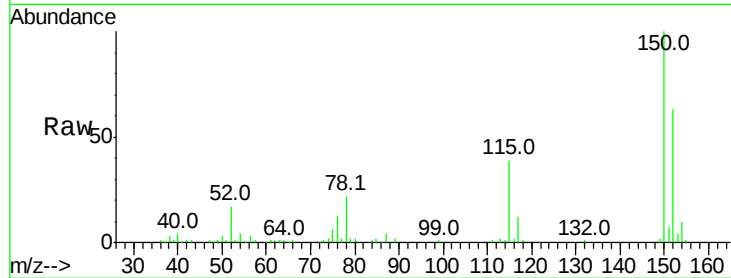




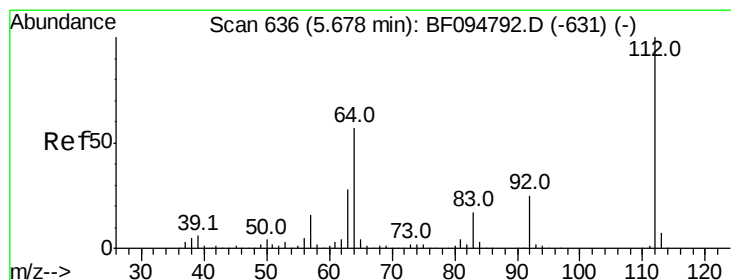
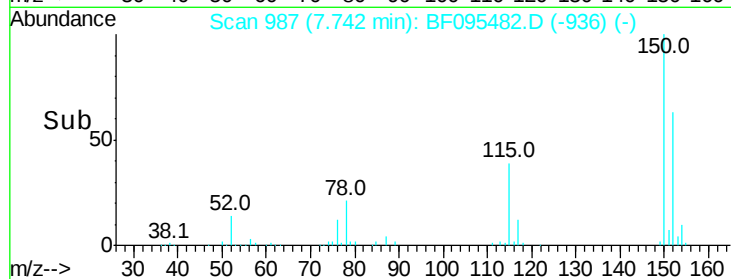
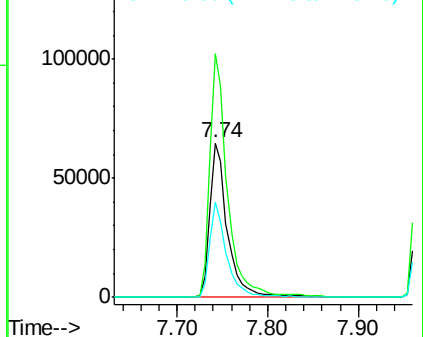
#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.74 min Scan# 987
Delta R.T. -0.00 min
Lab File: BF095482.D
Acq: 27 May 2017 3:54

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	126.2	189.2
115	61.3	52.2	78.2



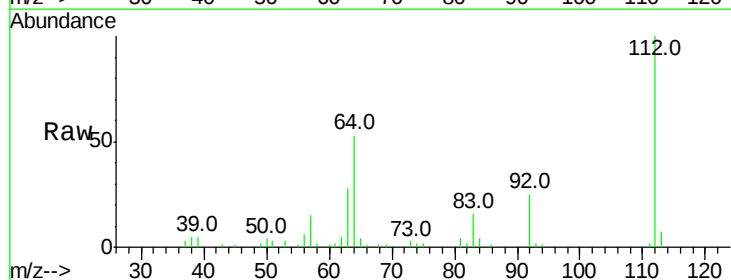
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



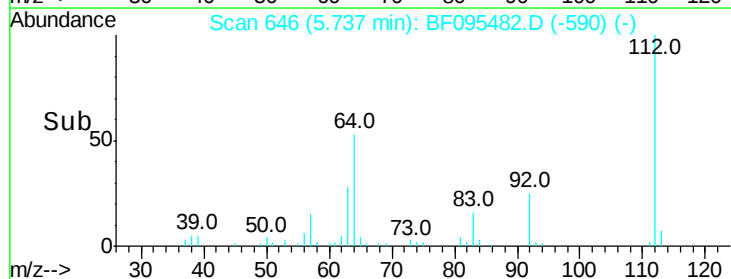
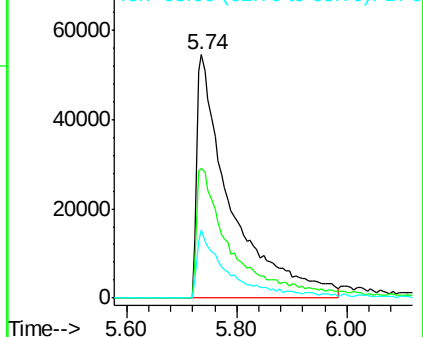
#5

2-Fluorophenol
Concen: 43.90 ng
RT: 5.74 min Scan# 646
Delta R.T. 0.03 min
Lab File: BF095482.D
Acq: 27 May 2017 3:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.1	46.0	69.0
63	28.3	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: 25.95 ng

RT: 7.33 min Scan# 917

Delta R.T. 0.04 min

Lab File: BF095482.D

Acq: 27 May 2017 3:54

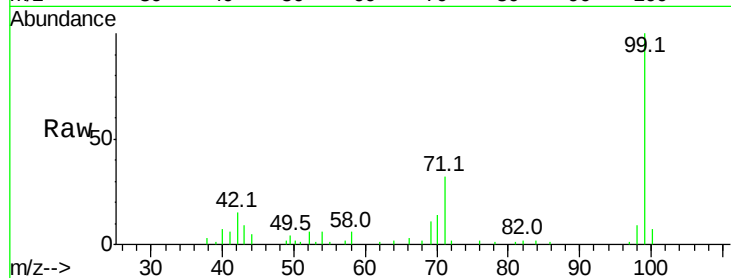
Tot Ion: 99 Resp: 165430

Ion Ratio Lower Upper

99 100

42 14.8 13.5 20.3

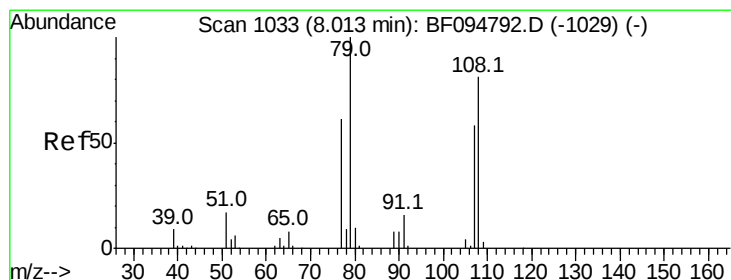
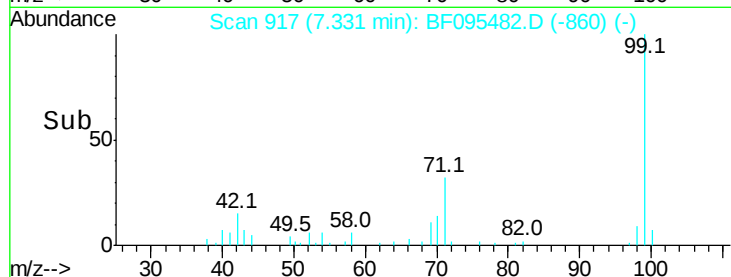
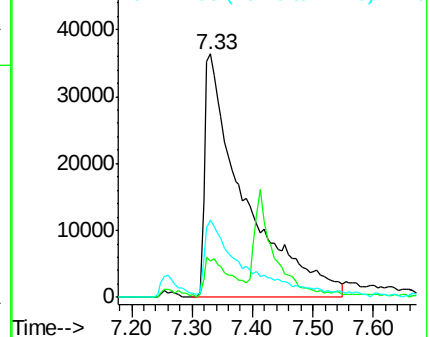
71 31.8 24.5 36.7



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: 2.22 ng

RT: 7.98 min Scan# 1027

Delta R.T. -0.06 min

Lab File: BF095482.D

Acq: 27 May 2017 3:54

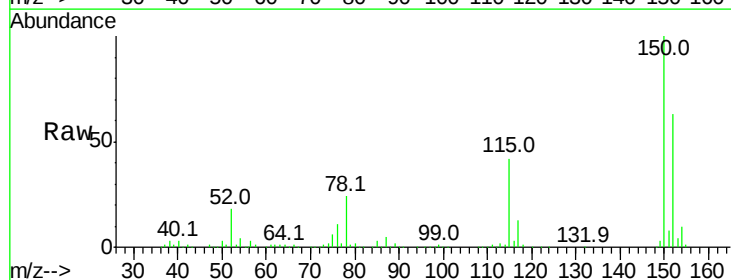
Tgt Ion: 79 Resp: 9116

Ion Ratio Lower Upper

79 100

108 30.7 63.4 95.0#

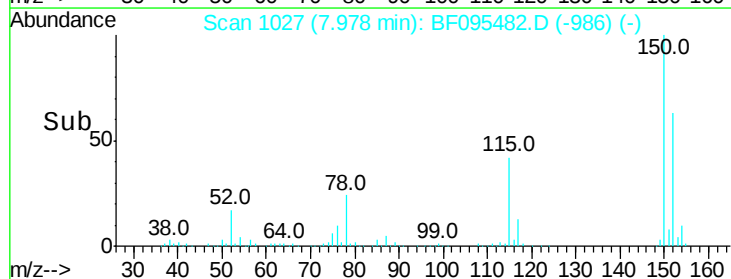
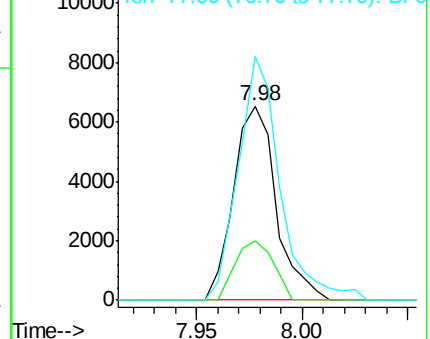
77 125.4 49.2 73.8#

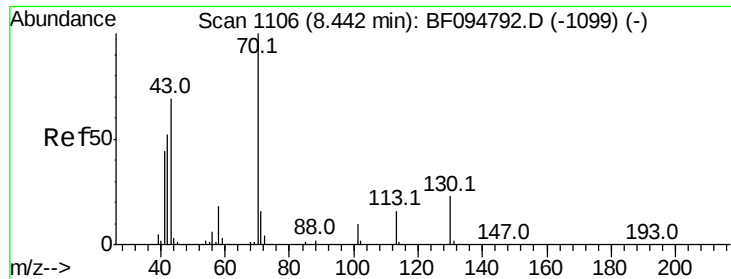


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

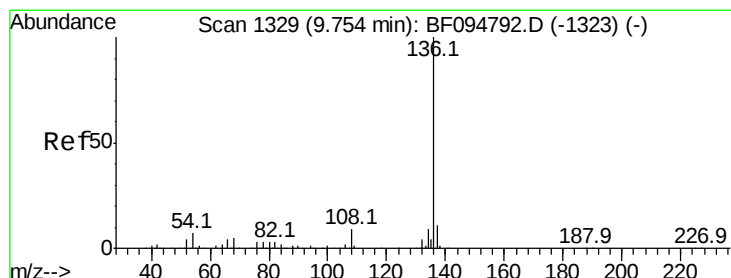
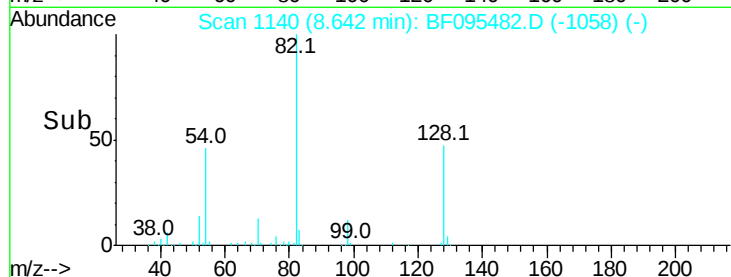
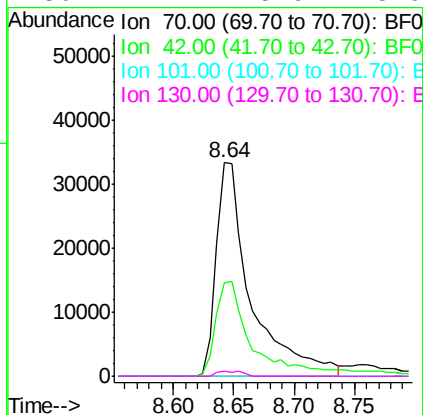
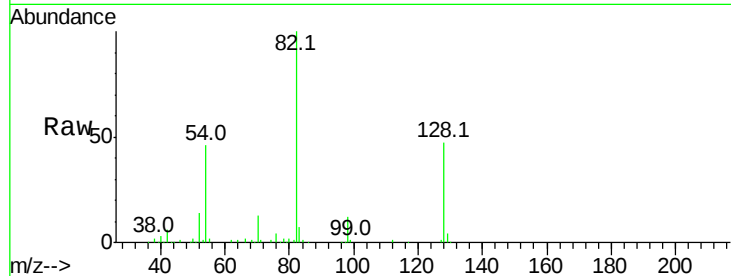
Ion 77.00 (76.70 to 77.70): BF0





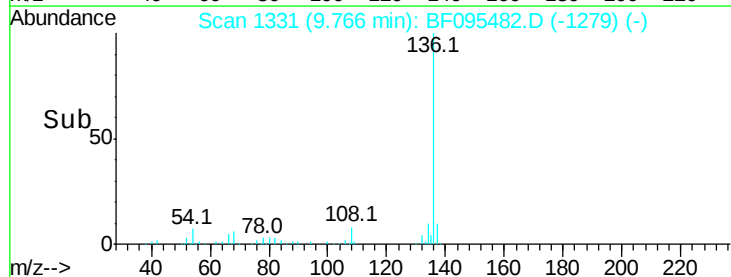
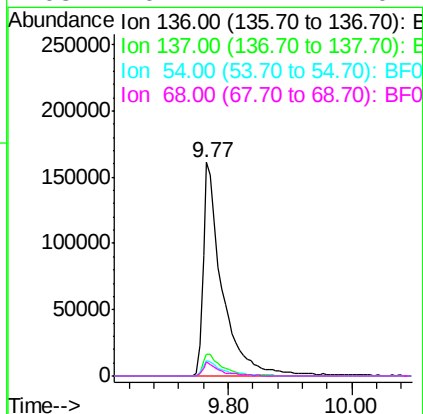
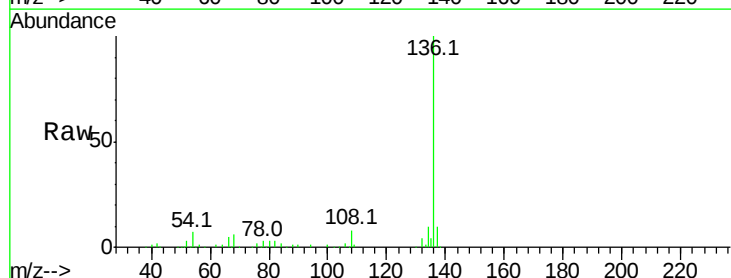
#19
n-Nitroso-di-n-propylamine
Concen: 15.37 ng
RT: 8.64 min Scan# 1140
Delta R.T. 0.18 min
Lab File: BF095482.D
Acq: 27 May 2017 3:54

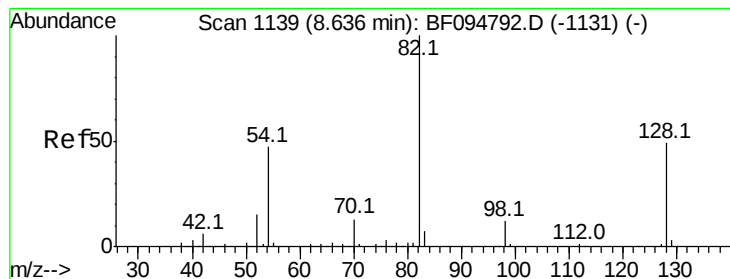
Tot Ion: 70 Resp: 66279
Ion Ratio Lower Upper
70 100
42 43.6 47.2 70.8#
101 0.0 7.2 10.8#
130 2.2 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.77 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF095482.D
Acq: 27 May 2017 3:54

Tgt Ion: 136 Resp: 344786
Ion Ratio Lower Upper
136 100
137 10.3 8.5 12.7
54 7.1 4.9 7.3
68 6.4 4.1 6.1#





#23

Nitrobenzene-d5

Concen: 104.74 ng

RT: 8.65 min Scan# 1141

Delta R.T. -0.01 min

Lab File: BF095482.D

Acq: 27 May 2017 3:54

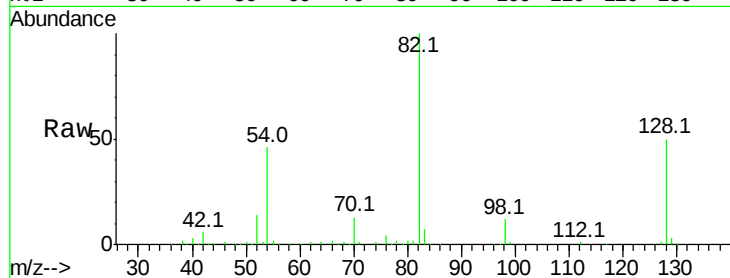
Tot Ion: 82 Resp: 572697

Ion	Ratio	Lower	Upper
82	100		
128	49.9	34.0	51.0
54	46.1	42.2	63.2

82 100

128 49.9 34.0 51.0

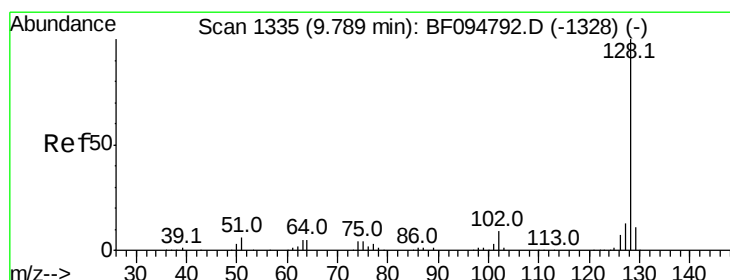
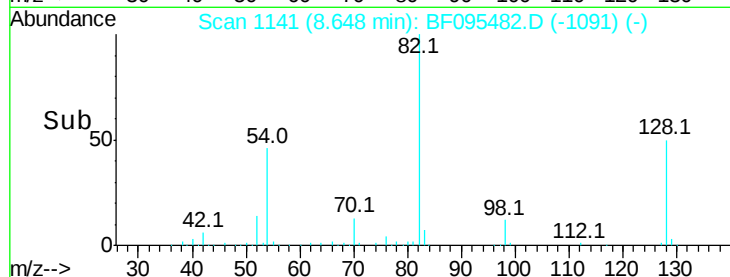
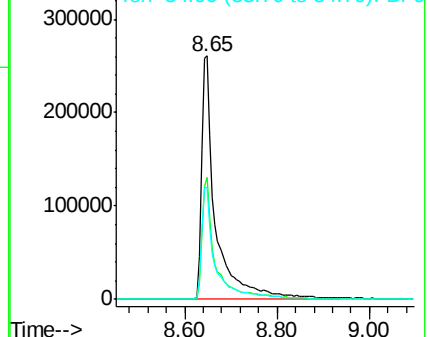
54 46.1 42.2 63.2



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



#31

Naphthalene

Concen: 3.24 ng

RT: 9.81 min Scan# 1338

Delta R.T. 0.01 min

Lab File: BF095482.D

Acq: 27 May 2017 3:54

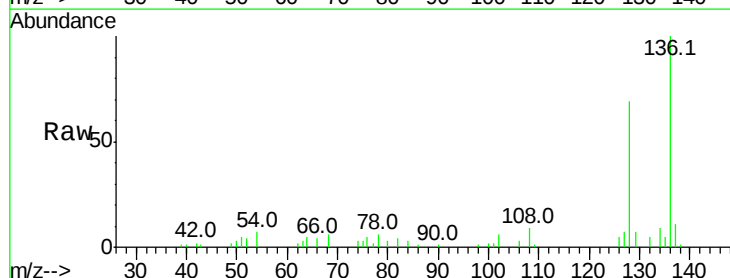
Tgt Ion:128 Resp: 56065

Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.0	13.6
127	10.1	10.8	16.2#

128 100

129 10.7 9.0 13.6

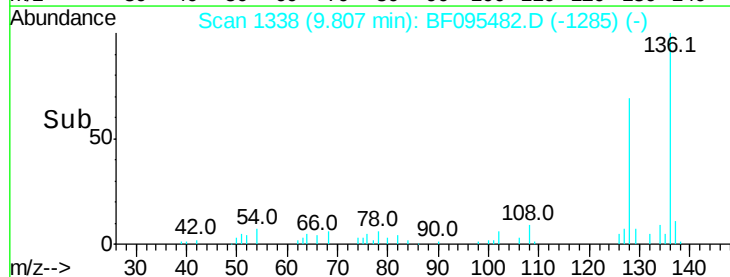
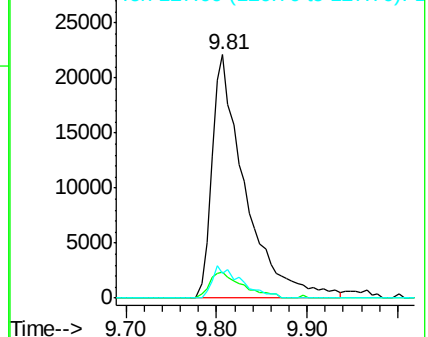
127 10.1 10.8 16.2#

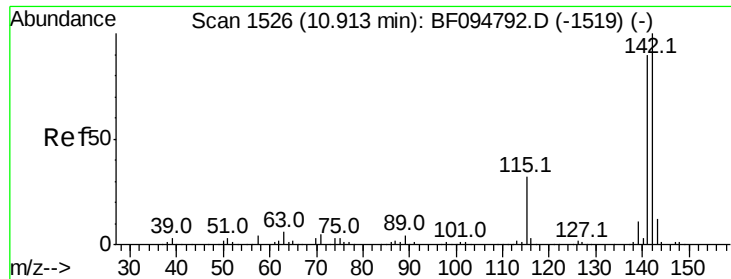


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

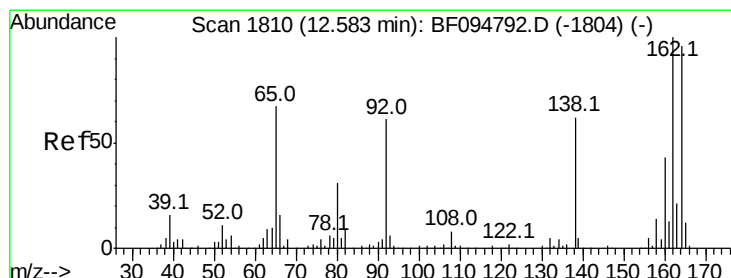
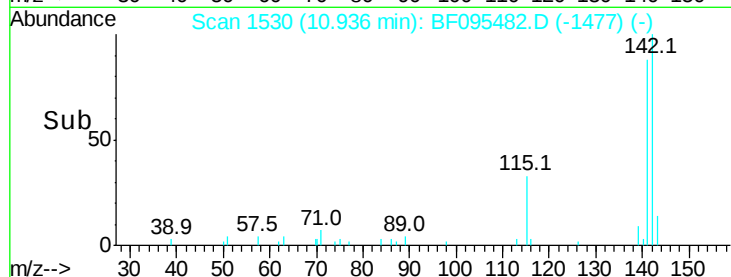
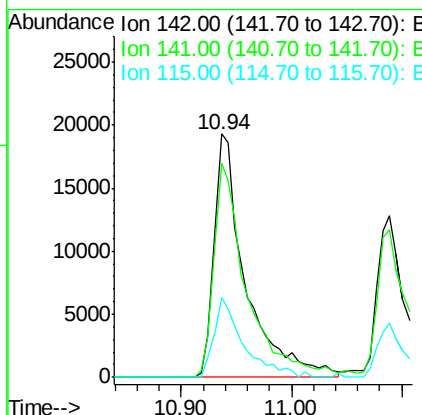
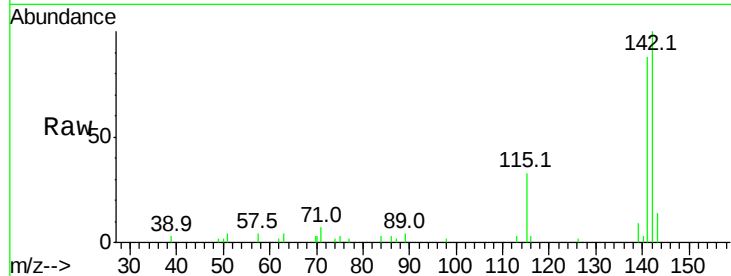
Ion 127.00 (126.70 to 127.70): E





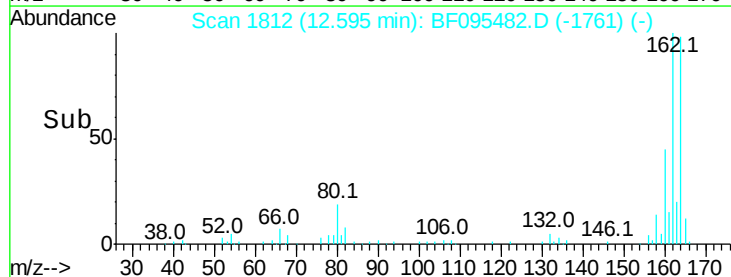
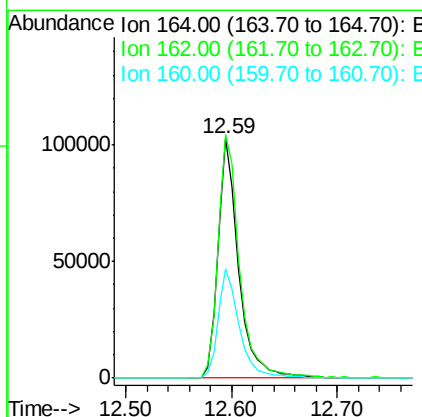
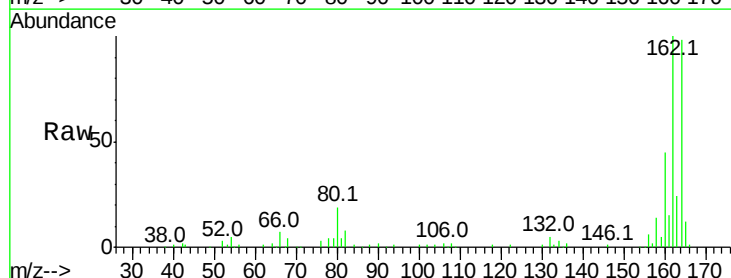
#37
2-Methylnaphthalene
Concen: 3.34 ng
RT: 10.94 min Scan# 1530
Delta R.T. 0.01 min
Lab File: BF095482.D
Acq: 27 May 2017 3:54

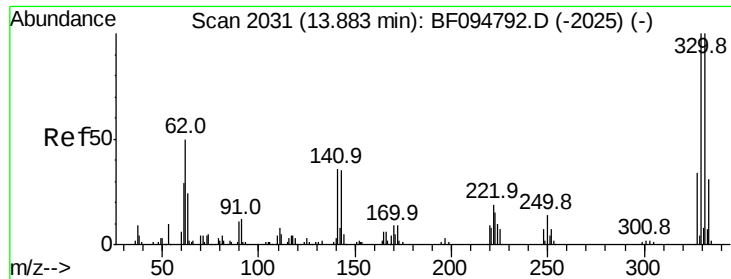
Tot Ion:142 Resp: 38037
Ion Ratio Lower Upper
142 100
141 87.8 71.3 106.9
115 32.6 27.1 40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.59 min Scan# 1812
Delta R.T. -0.00 min
Lab File: BF095482.D
Acq: 27 May 2017 3:54

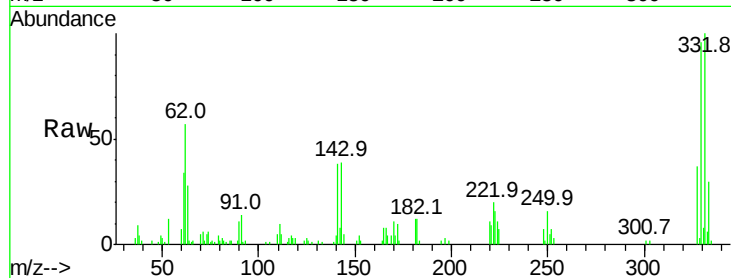
Tgt Ion:164 Resp: 141577
Ion Ratio Lower Upper
164 100
162 101.8 82.6 123.8
160 45.7 36.2 54.2



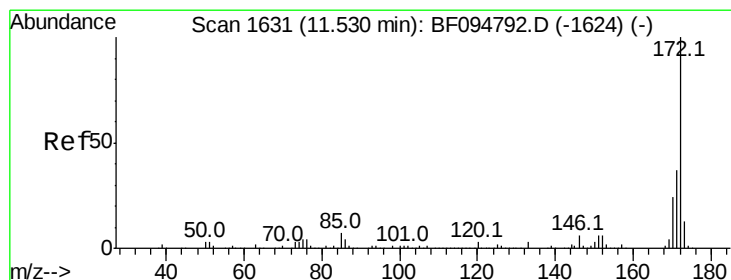
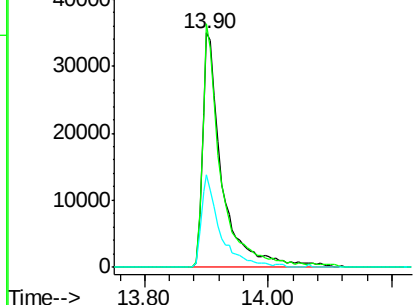
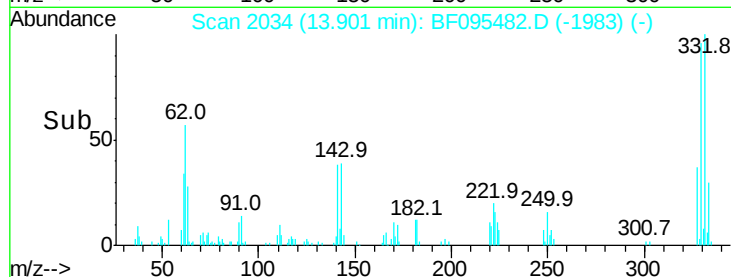


#41
 2,4,6-Tribromophenol
 Concen: 66.36 ng
 RT: 13.90 min Scan# 2034
 Delta R.T. -0.00 min
 Lab File: BF095482.D
 Acq: 27 May 2017 3:54

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	76.6	115.0
141	37.4	31.4	47.2

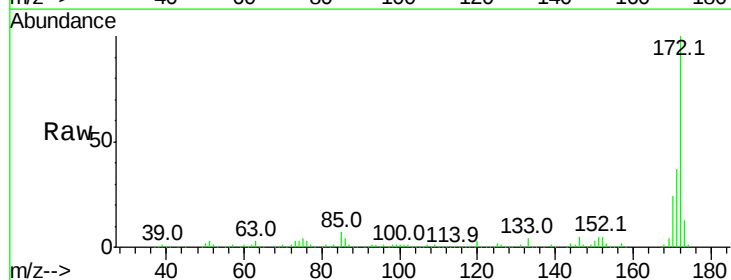


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

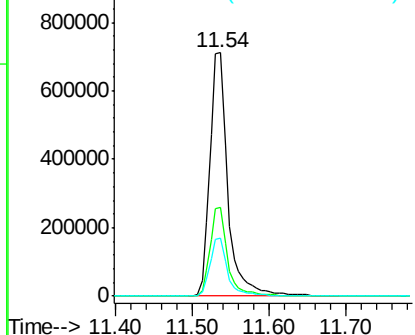
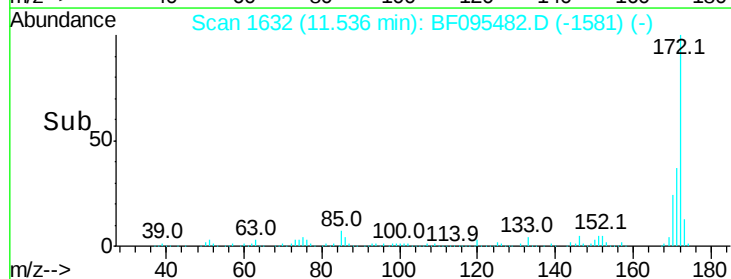


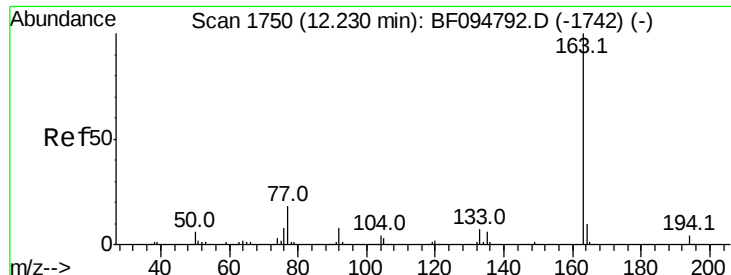
#44
 2-Fluorobiphenyl
 Concen: 115.96 ng
 RT: 11.54 min Scan# 1632
 Delta R.T. -0.00 min
 Lab File: BF095482.D
 Acq: 27 May 2017 3:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	23.7	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: 6.76 ng

RT: 12.24 min Scan# 1752

Delta R.T. -0.00 min

Lab File: BF095482.D

Acq: 27 May 2017 3:54

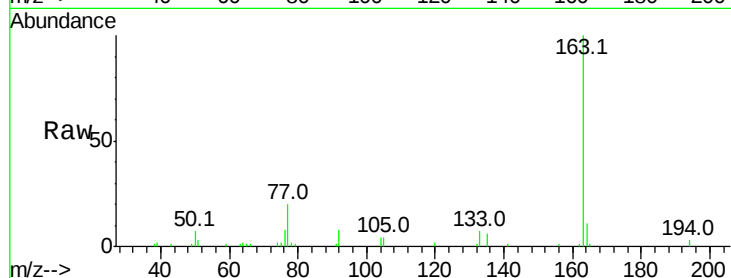
Tot Ion:163 Resp: 78562

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

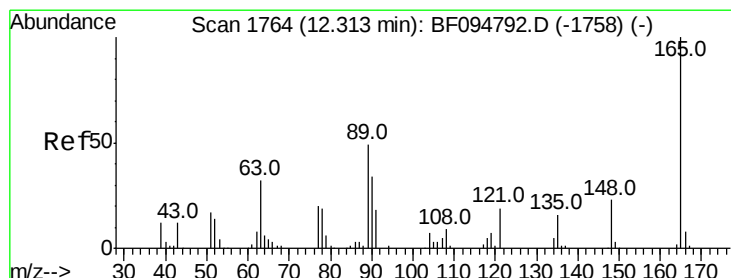
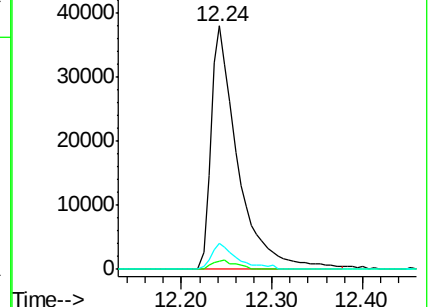
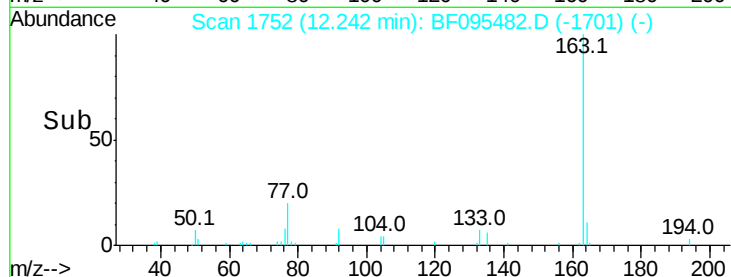
164 10.6 8.4 12.6



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



#50

2,6-Dinitrotoluene

Concen: 7.40 ng

RT: 12.59 min Scan# 1812

Delta R.T. 0.25 min

Lab File: BF095482.D

Acq: 27 May 2017 3:54

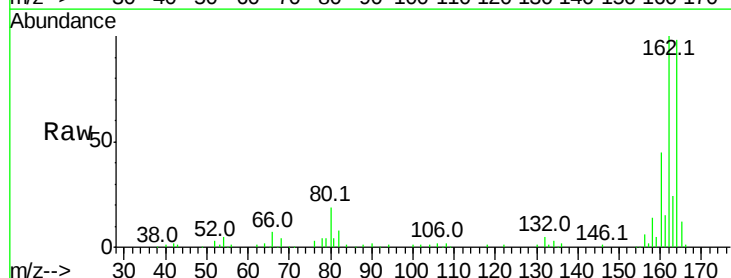
Tgt Ion:165 Resp: 17547

Ion Ratio Lower Upper

165 100

63 0.0 34.3 51.5#

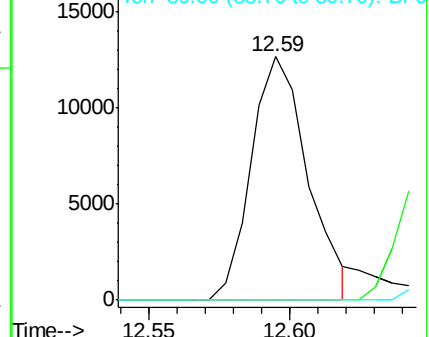
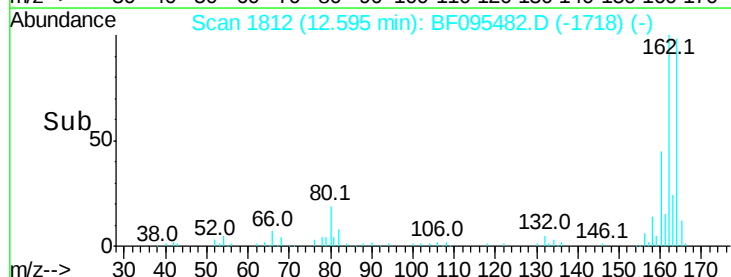
89 0.0 37.1 55.7#

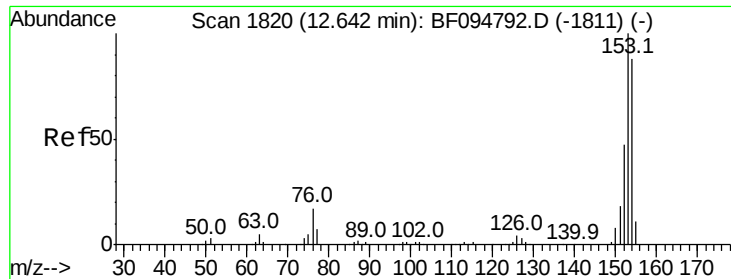


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

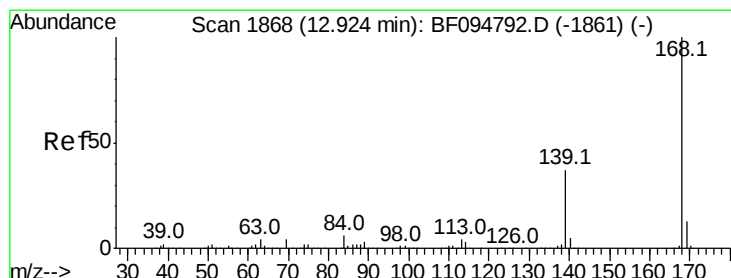
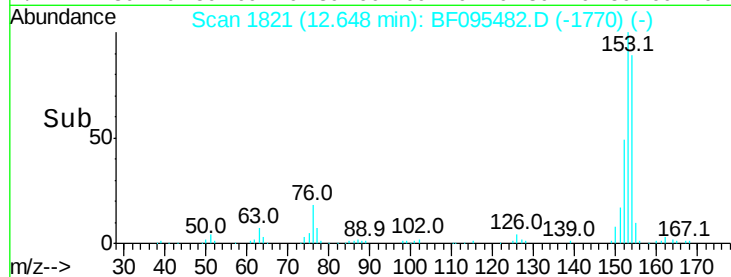
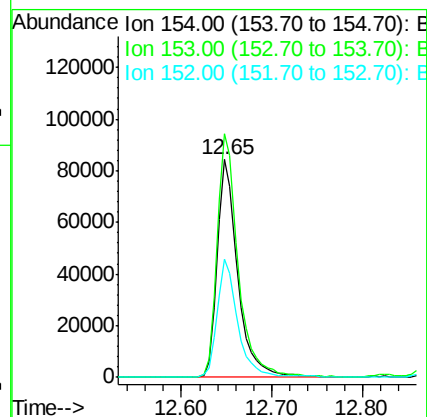
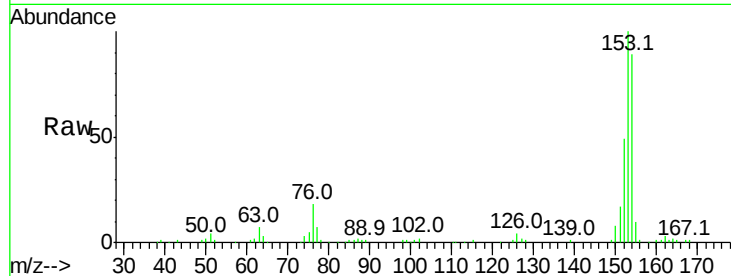
Ion 89.00 (88.70 to 89.70): BF0





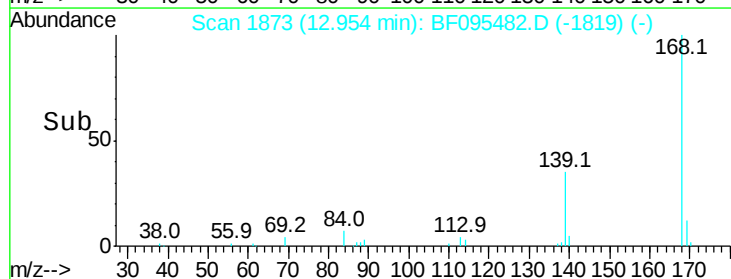
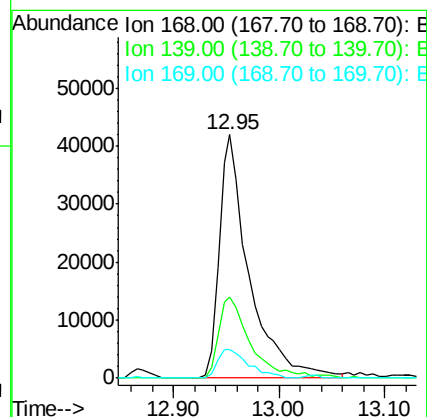
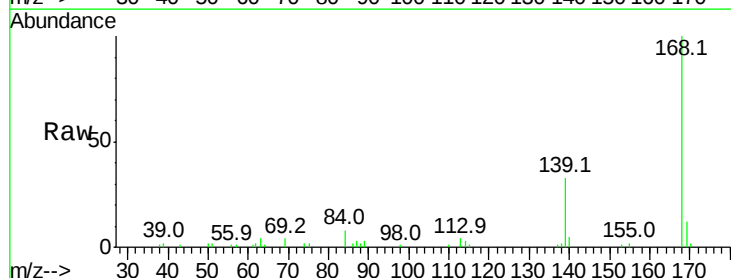
#51
Acenaphthene
Concen: 14.73 ng
RT: 12.65 min Scan# 1821
Delta R.T. -0.00 min
Lab File: BF095482.D
Acq: 27 May 2017 3:54

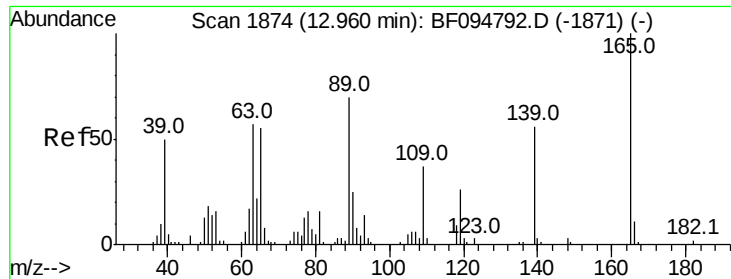
Tot Ion	Ratio	Lower	Upper
154	100		
153	111.8	90.5	135.7
152	54.4	43.6	65.4



#54
Dibenzofuran
Concen: 6.64 ng
RT: 12.95 min Scan# 1873
Delta R.T. 0.02 min
Lab File: BF095482.D
Acq: 27 May 2017 3:54

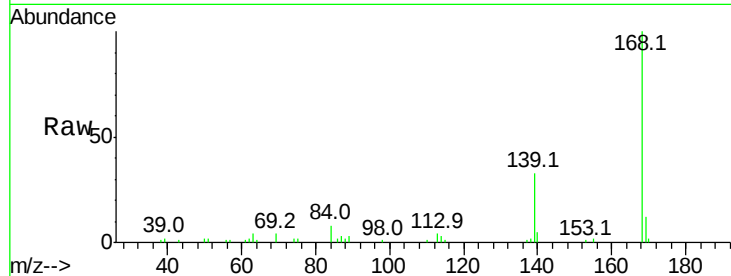
Tgt Ion	Ratio	Lower	Upper
168	100		
139	33.1	30.6	45.8
169	11.6	10.8	16.2



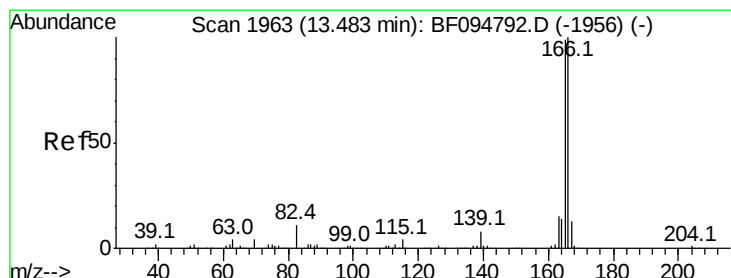
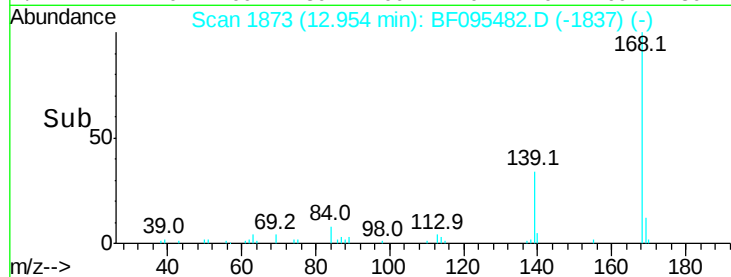
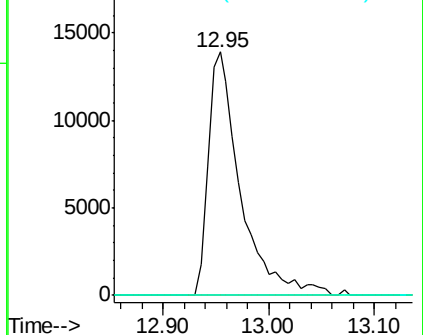


#55
4-Nitrophenol
Concen: 19.23 ng
RT: 12.95 min Scan# 1873
Delta R.T. -0.09 min
Lab File: BF095482.D
Acq: 27 May 2017 3:54

Tot Ion	Ratio	Lower	Upper
139	100		
109	0.0	34.1	74.1#
65	0.0	31.4	71.4#

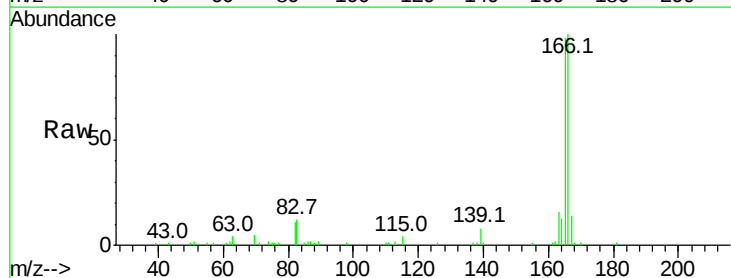


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

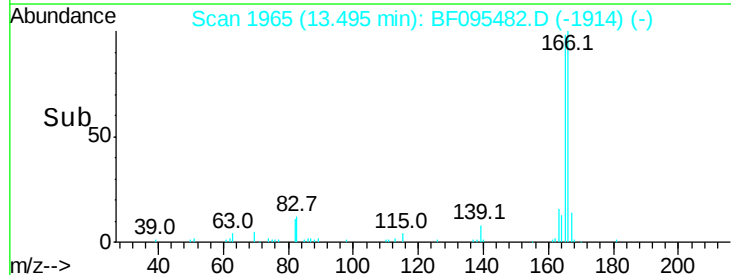
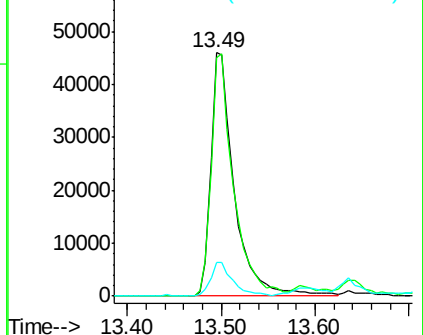


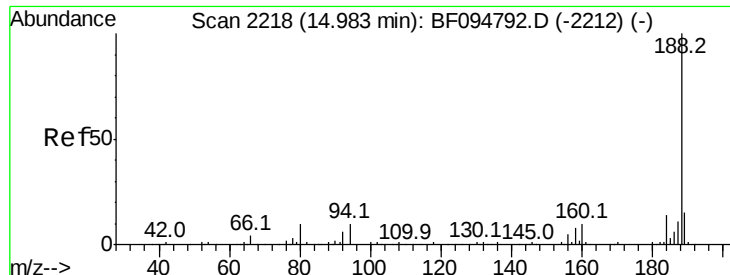
#57
Fluorene
Concen: 7.43 ng
RT: 13.49 min Scan# 1965
Delta R.T. -0.00 min
Lab File: BF095482.D
Acq: 27 May 2017 3:54

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.8	118.2
167	14.0	10.6	16.0



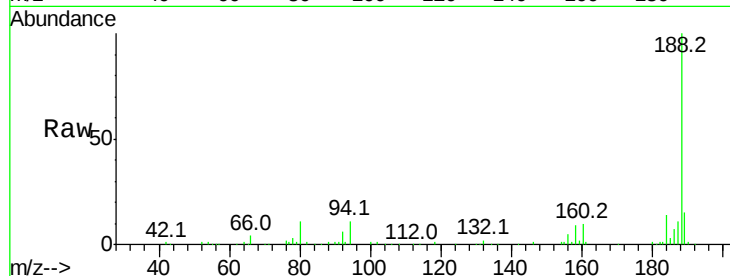
Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.00 min Scan# 2221
 Delta R.T. -0.00 min
 Lab File: BF095482.D
 Acq: 27 May 2017 3:54

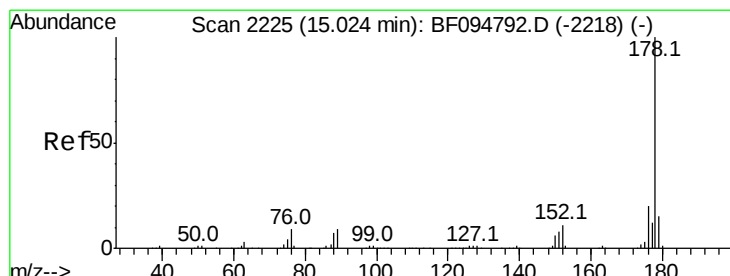
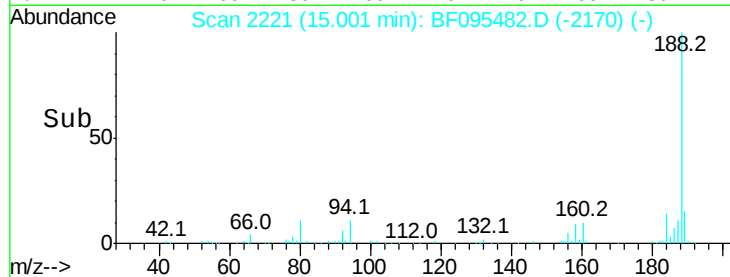
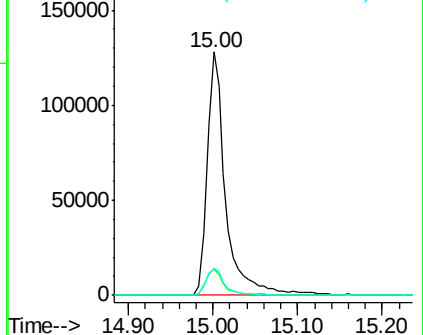
Tot Ion	Ratio	Lower	Upper
188	100		
94	10.8	9.4	14.2
80	11.4	10.2	15.2



Abundance Ion 188.00 (187.70 to 188.70): E

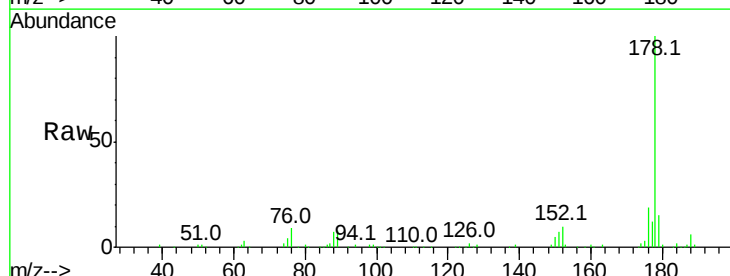
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#70
 Phenanthrene
 Concen: 22.94 ng
 RT: 15.04 min Scan# 2228
 Delta R.T. -0.00 min
 Lab File: BF095482.D
 Acq: 27 May 2017 3:54

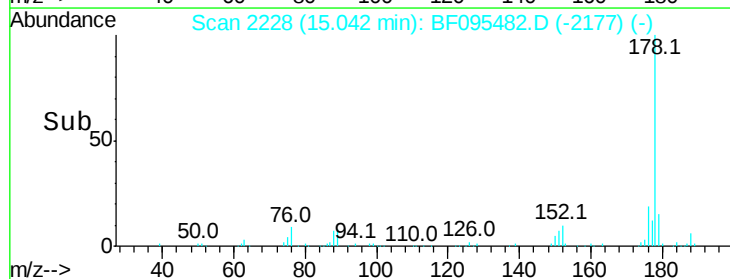
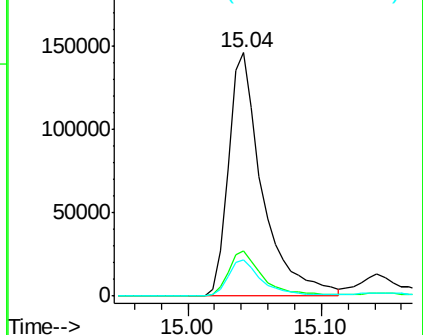
Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	16.2	24.4
179	14.9	12.6	19.0

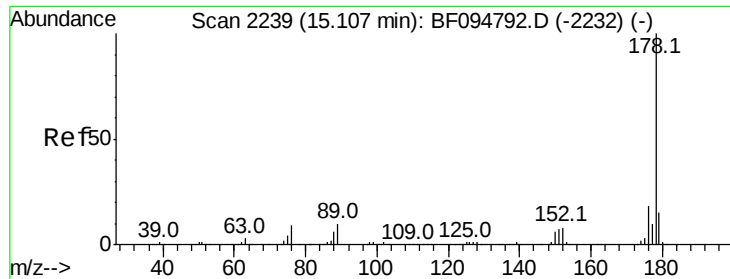


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

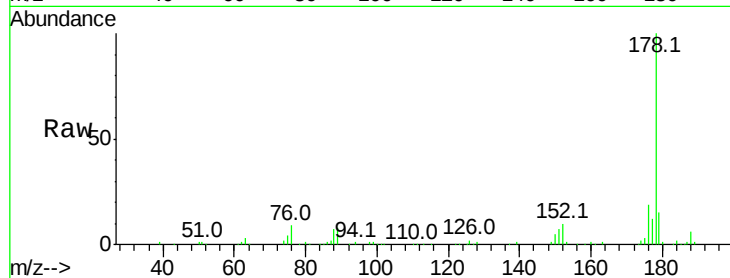
Ion 179.00 (178.70 to 179.70): E



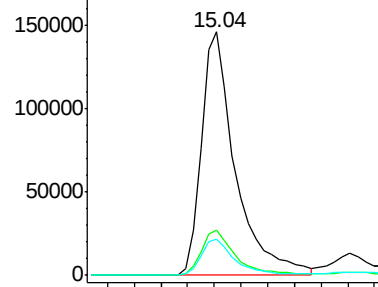


#71
 Anthracene
 Concen: 22.46 ng
 RT: 15.04 min Scan# 2228
 Delta R.T. -0.08 min
 Lab File: BF095482.D
 Acq: 27 May 2017 3:54

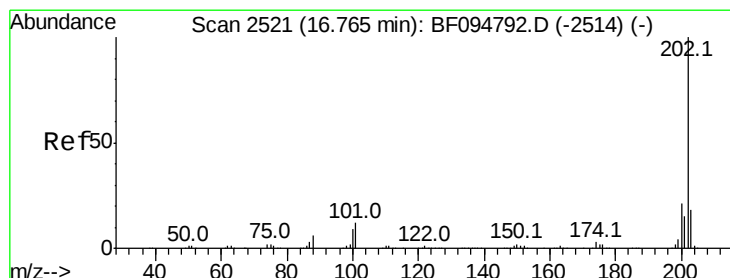
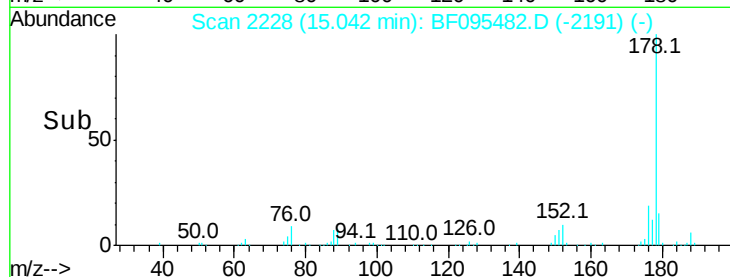
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.8	23.8
179	14.9	12.7	19.1



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

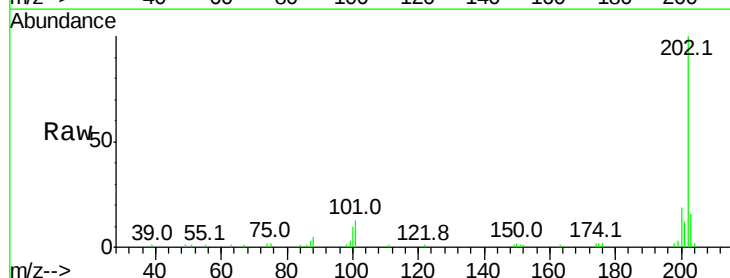


Time-->

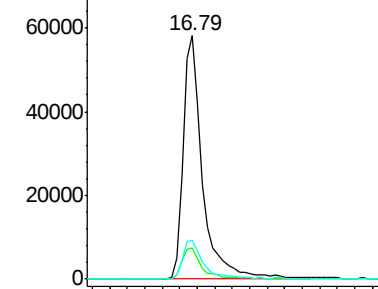


#74
 Fluoranthene
 Concen: 7.73 ng
 RT: 16.79 min Scan# 2526
 Delta R.T. 0.01 min
 Lab File: BF095482.D
 Acq: 27 May 2017 3:54

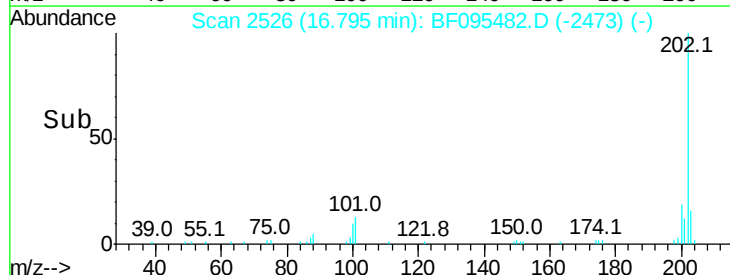
Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	33.2
203	16.2	0.0	38.1

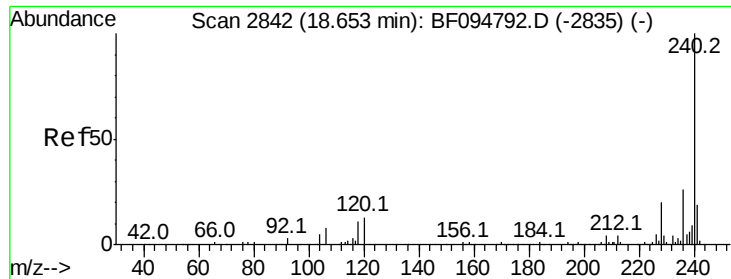


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E



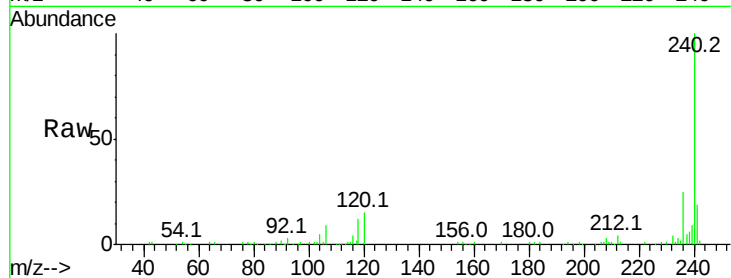
Time-->



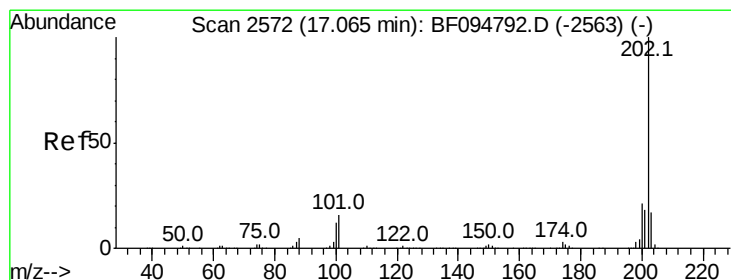
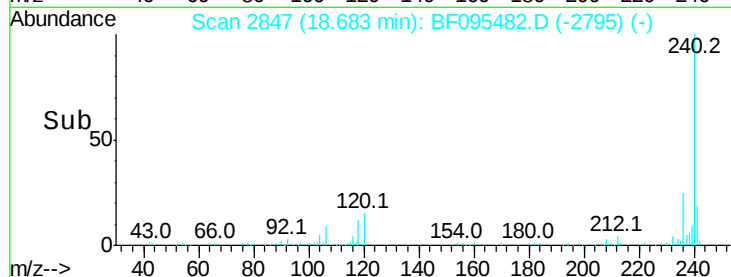
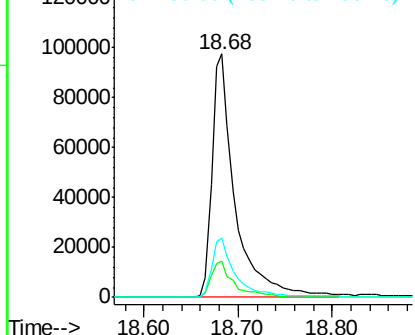


#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.68 min Scan# 2847
 Delta R.T. 0.01 min
 Lab File: BF095482.D
 Acq: 27 May 2017 3:54

Tot Ion:240 Resp: 169132
 Ion Ratio Lower Upper
 240 100
 120 14.8 5.8 8.8#
 236 24.5 20.5 30.7

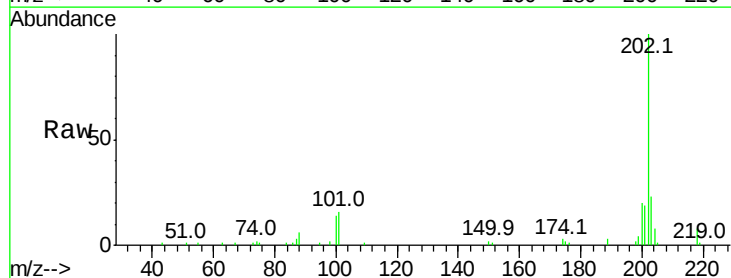


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

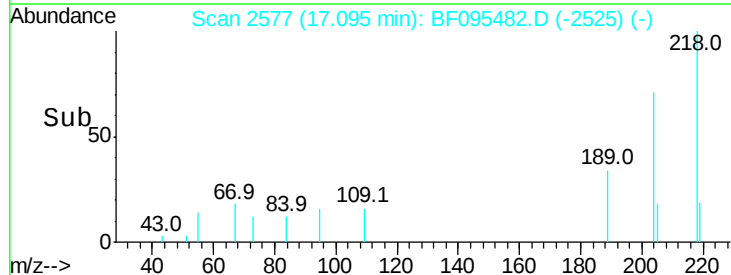
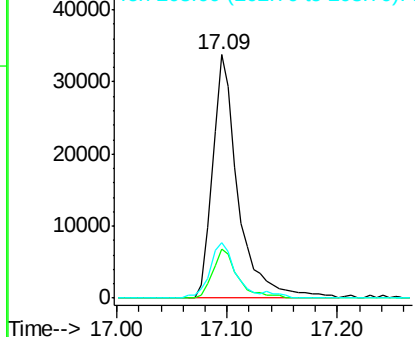


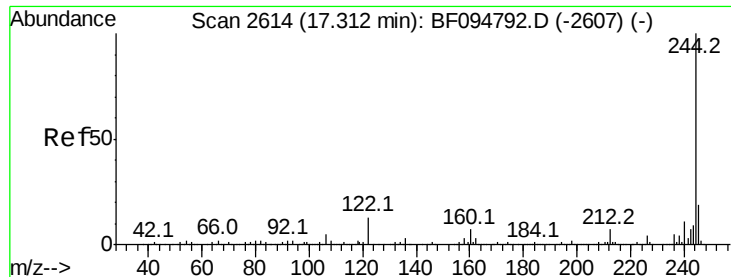
#77
 Pyrene
 Concen: 4.23 ng
 RT: 17.09 min Scan# 2577
 Delta R.T. 0.01 min
 Lab File: BF095482.D
 Acq: 27 May 2017 3:54

Tgt Ion:202 Resp: 53533
 Ion Ratio Lower Upper
 202 100
 200 20.0 17.6 26.4
 203 22.8 14.4 21.6#



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 82.24 ng

RT: 17.32 min Scan# 2615

Delta R.T. -0.01 min

Lab File: BF095482.D

Acq: 27 May 2017 3:54

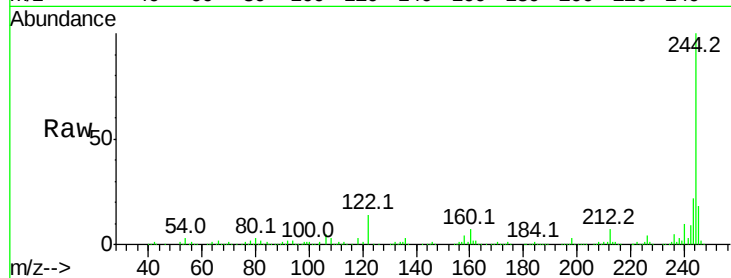
Tot Ion:244 Resp: 631531

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

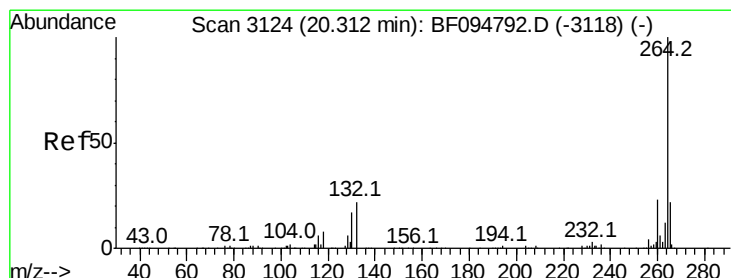
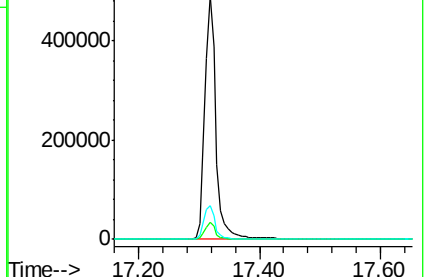
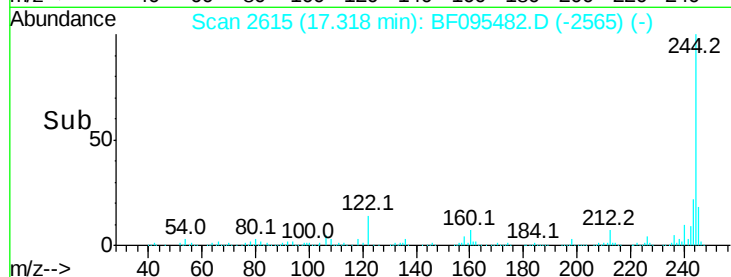
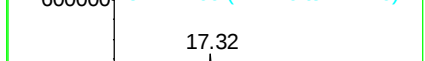
122 14.0 10.3 15.5



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: 20.36 min Scan# 3132

Delta R.T. 0.01 min

Lab File: BF095482.D

Acq: 27 May 2017 3:54

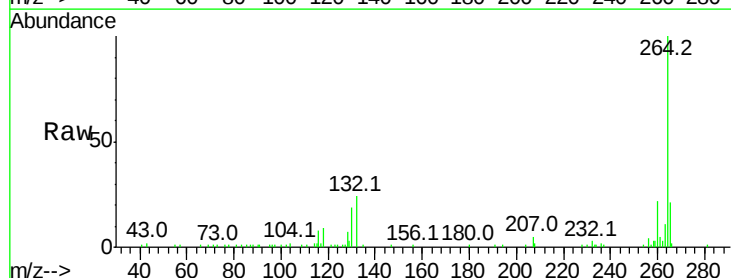
Tgt Ion:264 Resp: 113195

Ion Ratio Lower Upper

264 100

260 21.7 19.5 29.3

265 21.2 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

