

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050217\
 Data File : BF094814.D
 Acq On : 3 May 2017 2:16
 Operator : SJ/MA
 Sample : I2923-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: May 03 03:56:34 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	94130	20.00	ng	0.00
21) Naphthalene-d8	9.75	136	387908	20.00	ng	0.00
38) Acenaphthene-d10	12.58	164	176923	20.00	ng	0.00
63) Phenanthrene-d10	14.98	188	303845	20.00	ng	0.00
75) Chrysene-d12	18.64	240	210989	20.00	ng	-0.01
86) Perylene-d12	20.31	264	198134	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	812410	143.89	ng	0.00
7) Phenol-d6	7.28	99	986087	145.56	ng	0.00
23) Nitrobenzene-d5	8.62	82	534009	86.81	ng	-0.01
41) 2,4,6-Tribromophenol	13.88	330	195654	135.03	ng	0.00
44) 2-Fluorobiphenyl	11.52	172	932504	75.86	ng	0.00
78) Terphenyl-d14	17.31	244	681740	71.17	ng	0.00

Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	8.62	70	69890	15.25	ng	# 77
31) Naphthalene	9.80	128	2372583	121.70	ng	99
32) Benzoic acid	9.63	122	301	5.15	ng	# 79
33) 4-Chloroaniline	9.80	127	322492	44.39	ng	# 35
37) 2-Methylnaphthalene	10.91	142	336852	26.33	ng	98
45) 1,1'-Biphenyl	11.67	154	69438	4.66	ng	98
48) Acenaphthylene	12.34	152	314797	16.71	ng	97
49) Dimethylphthalate	12.21	163	159244	10.96	ng	99
51) Acenaphthene	11.67	154	69438	4.66	ng	# 42
54) Dibenzofuran	12.92	168	352195	22.62	ng	95
55) 4-Nitrophenol	12.91	139	127476	66.73	ng	# 27
57) Fluorene	13.47	166	316630	23.38	ng	99
70) Phenanthrene	15.02	178	1284532	73.58	ng	99
71) Anthracene	15.10	178	541948	30.39	ng	98
72) Carbazole	15.38	167	226629	13.97	ng	96
74) Fluoranthene	16.77	202	996549	55.65	ng	98
76) Benzidine	16.89	184	247	6.63	ng	# 1
77) Pyrene	17.07	202	905037	57.35	ng	99
80) Benzo(a)anthracene	18.68	228	362259	29.50	ng	97
82) Chrysene	18.68	228	362259	30.51	ng	99
85) Indeno(1,2,3-cd)pyrene	21.59	276	140836	14.61	ng	95
87) Benzo(b)fluoranthene	19.91	252	452134	36.93	ng	98
88) Benzo(k)fluoranthene	19.91	252	452134	38.29	ng	98
89) Benzo(a)pyrene	20.25	252	318430	28.19	ng	99
90) Dibenzo(a,h)anthracene	21.61	278	34328	3.68	ng	94
91) Benzo(g,h,i)perylene	21.96	276	135051	14.75	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.73 min Scan# 985

Delta R.T. -0.00 min

Lab File: BF094814.D

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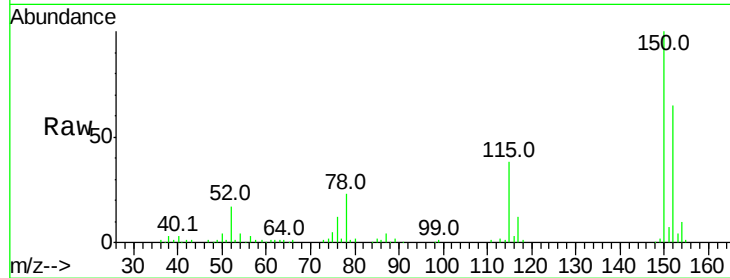
Tot Ion:152 Resp: 94130

Ion Ratio Lower Upper

152 100

150 154.4 126.2 189.2

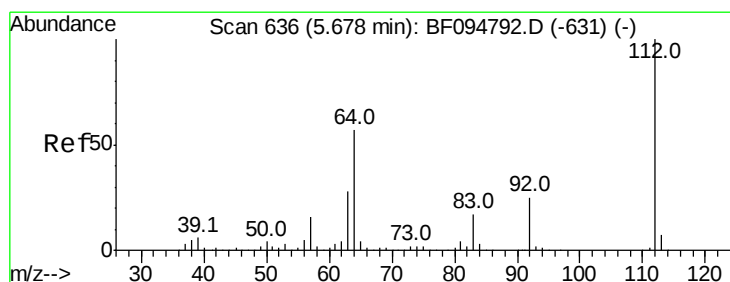
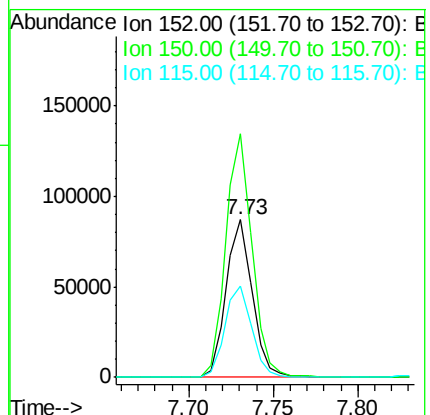
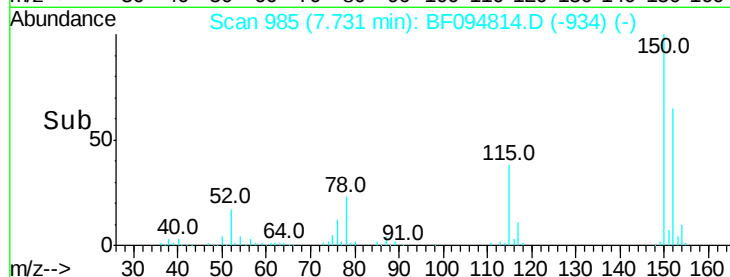
115 58.2 52.2 78.2



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: 143.89 ng

RT: 5.68 min Scan# 637

Delta R.T. 0.01 min

Lab File: BF094814.D

Acq: 3 May 2017 2:16

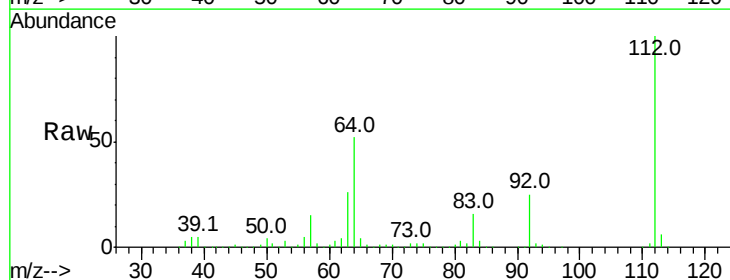
Tgt Ion:112 Resp: 812410

Ion Ratio Lower Upper

112 100

64 52.2 46.0 69.0

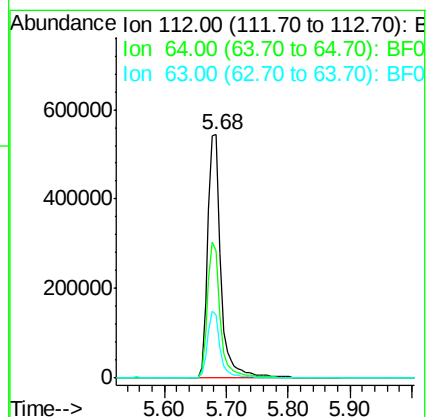
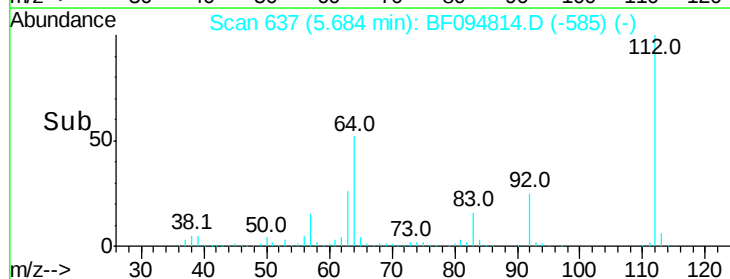
63 26.2 23.4 35.0



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: 145.56 ng

RT: 7.28 min Scan# 908

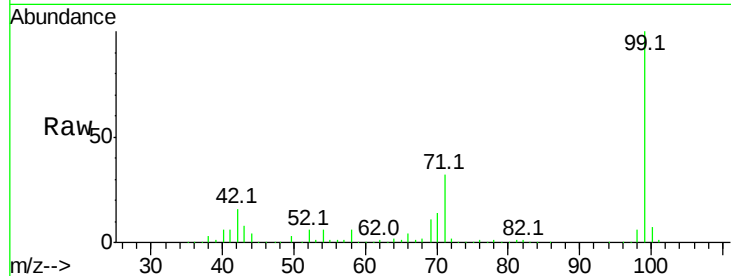
Delta R.T. -0.00 min

Lab File: BF094814.D

Acq: 3 May 2017 2:16

Tot Ion: 99 Resp: 986087

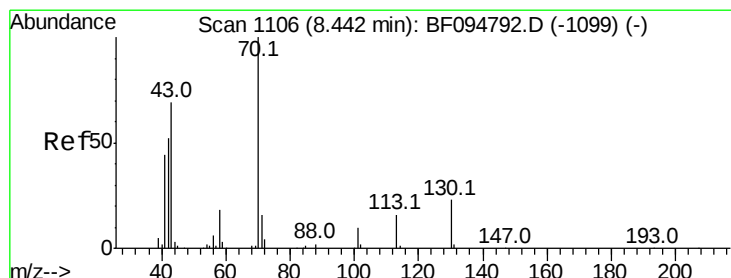
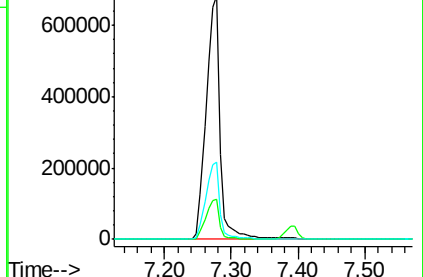
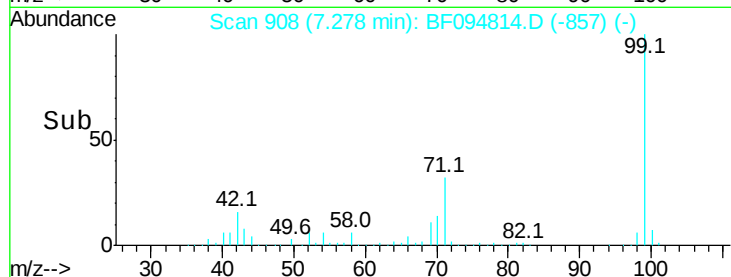
Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.5	20.3
71	32.0	24.5	36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 15.25 ng

RT: 8.62 min Scan# 1137

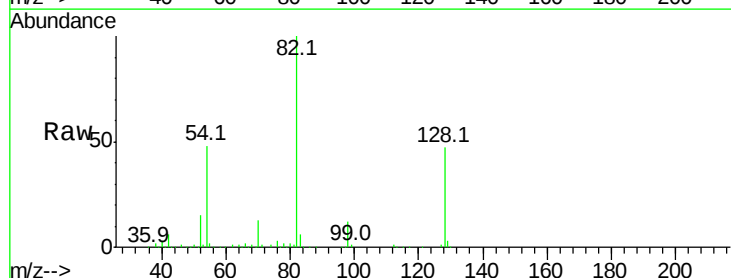
Delta R.T. 0.18 min

Lab File: BF094814.D

Acq: 3 May 2017 2:16

Tgt Ion: 70 Resp: 69890

Ion	Ratio	Lower	Upper
70	100		
42	45.4	47.2	70.8#
101	0.0	7.2	10.8#
130	2.2	15.9	23.9#

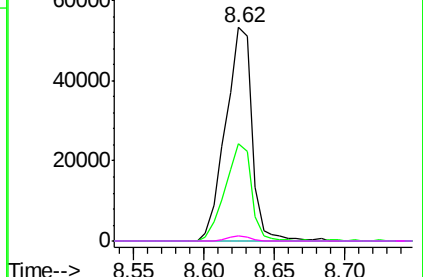
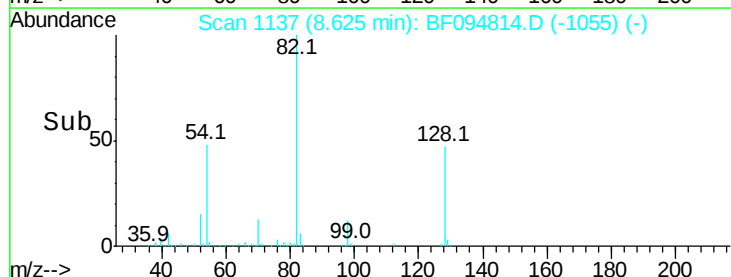


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

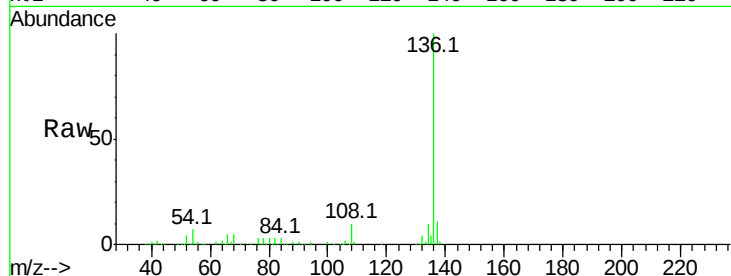
Ion 130.00 (129.70 to 130.70): BF0



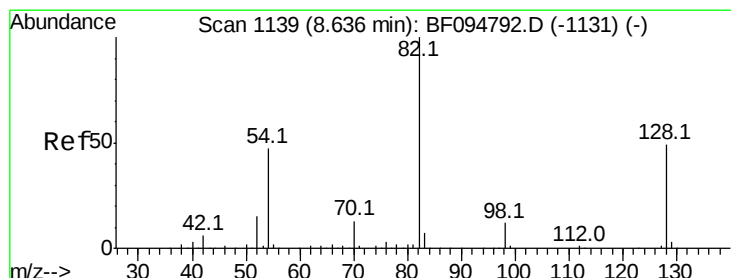
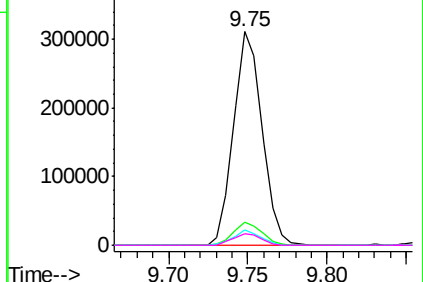
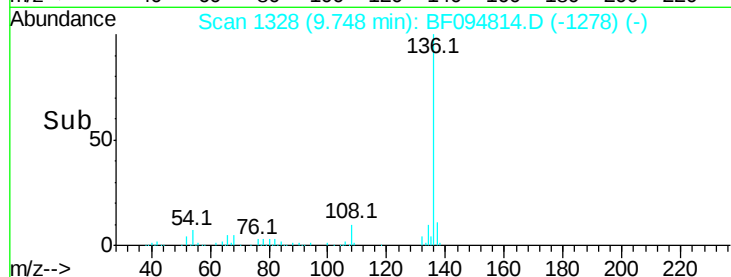


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.75 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF094814.D
Acq: 3 May 2017 2:16

Tot Ion:136	Resp:	387908
Ion Ratio	Lower	Upper
136 100		
137 10.7	8.5	12.7
54 7.1	4.9	7.3
68 5.2	4.1	6.1

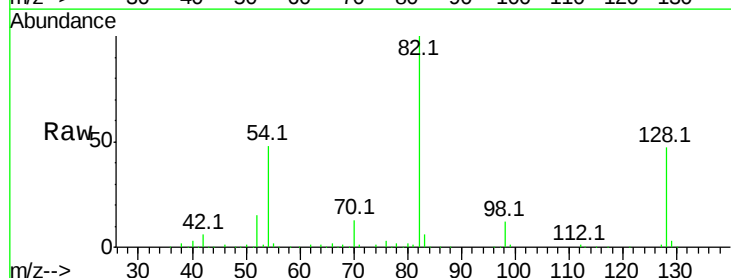


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

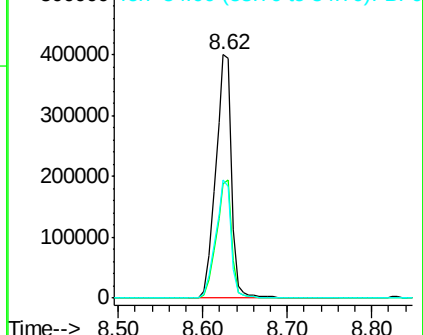
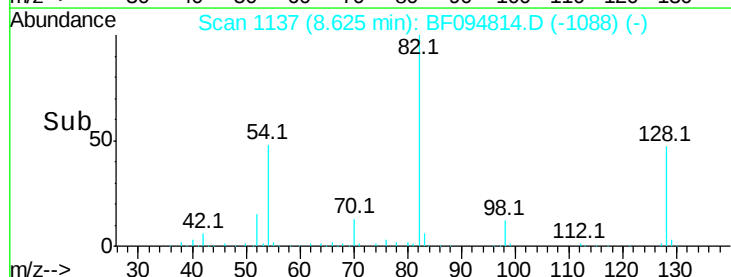


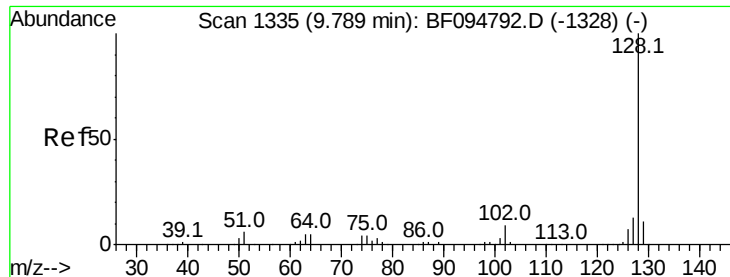
#23
Nitrobenzene-d5
Concen: 86.81 ng
RT: 8.62 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BF094814.D
Acq: 3 May 2017 2:16

Tgt Ion: 82	Resp:	534009
Ion Ratio	Lower	Upper
82 100		
128 46.9	34.0	51.0
54 48.3	42.2	63.2



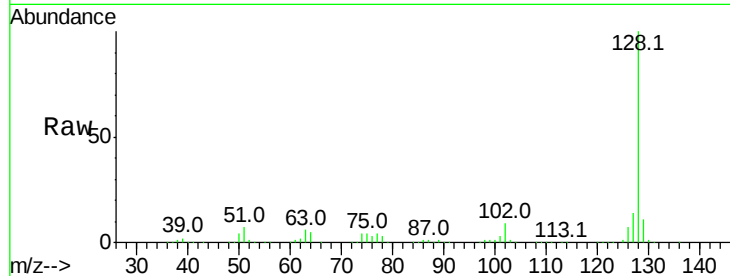
Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0



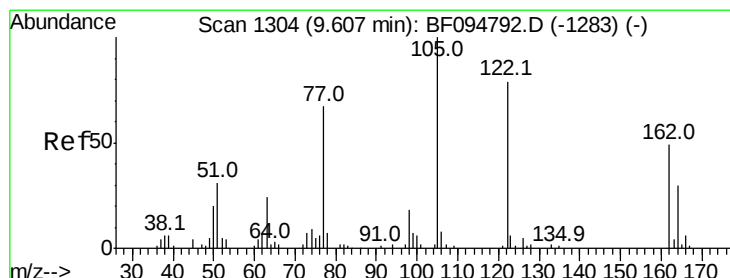
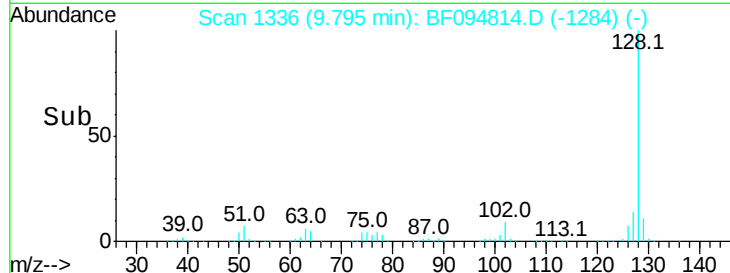
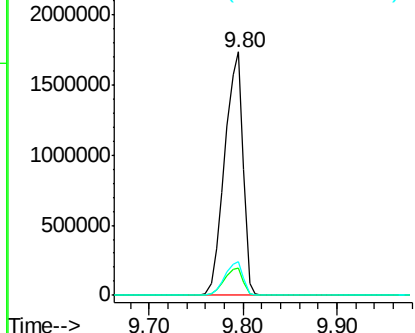


#31
Naphthalene
Concen: 121.70 ng
RT: 9.80 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BF094814.D
Acq: 3 May 2017 2:16

Tot Ion:128 Resp: 2372583
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 14.0 10.8 16.2

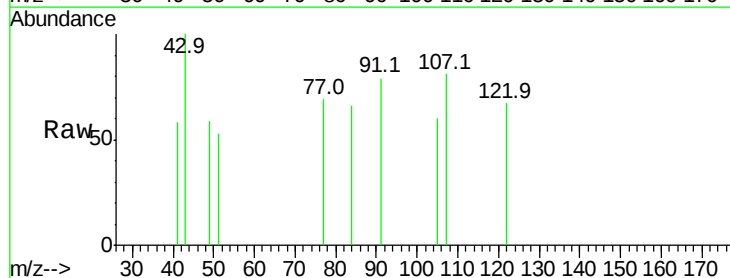


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

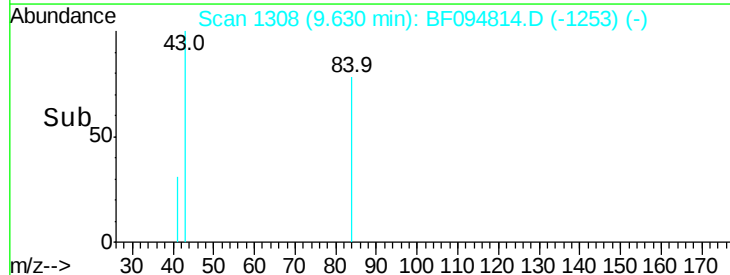
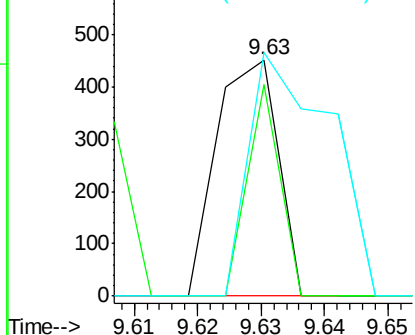


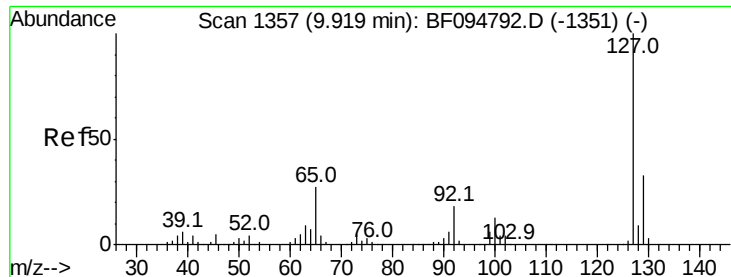
#32
Benzoic acid
Concen: 5.15 ng
RT: 9.63 min Scan# 1308
Delta R.T. 0.02 min
Lab File: BF094814.D
Acq: 3 May 2017 2:16

Tgt Ion:122 Resp: 301
Ion Ratio Lower Upper
122 100
105 89.4 103.3 143.3#
77 103.1 73.7 113.7



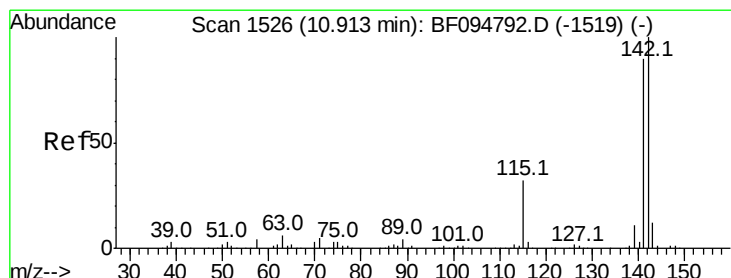
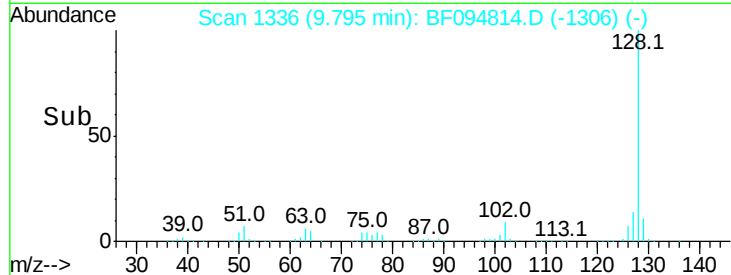
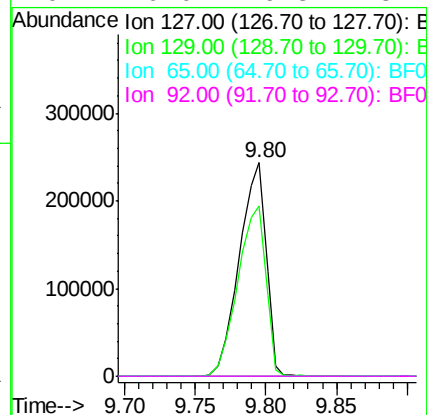
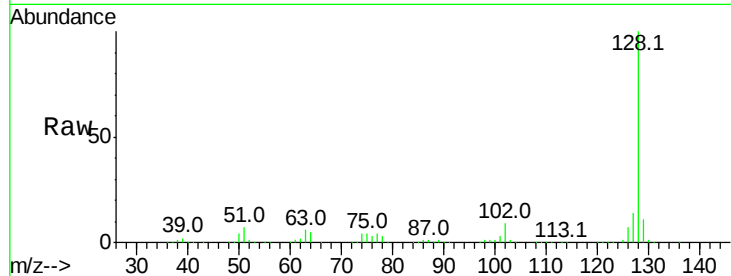
Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





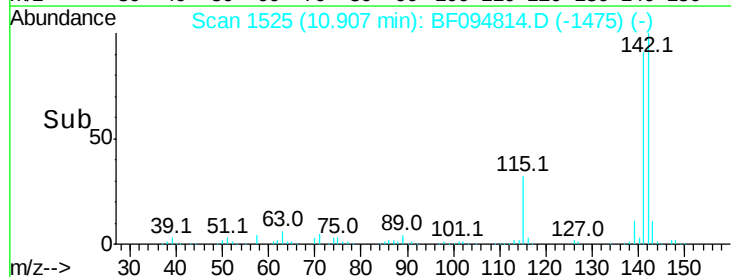
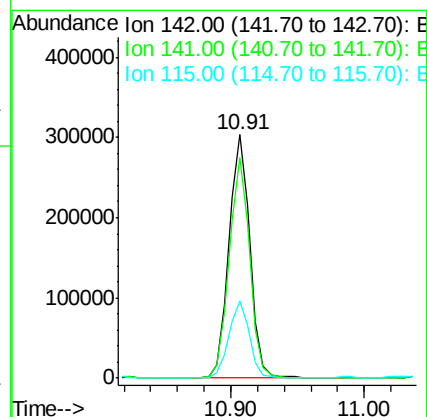
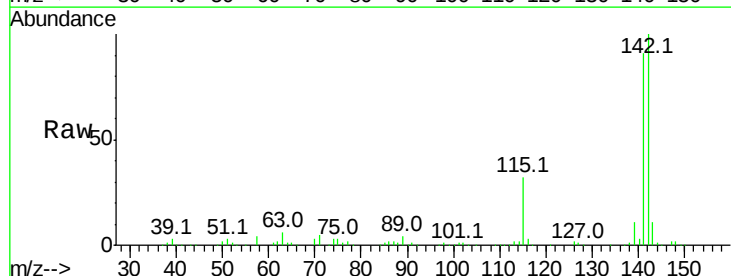
#33
 4-Chloroaniline
 Concen: 44.39 ng
 RT: 9.80 min Scan# 1336
 Delta R.T. -0.12 min
 Lab File: BF094814.D
 Acq: 3 May 2017 2:16

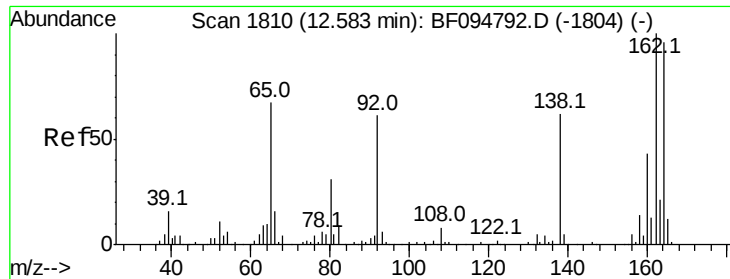
Tot Ion:	127	Resp:	322492
Ion	Ratio	Lower	Upper
127	100		
129	79.8	26.2	39.2#
65	0.0	27.8	41.8#
92	0.0	16.8	25.2#



#37
 2-Methylnaphthalene
 Concen: 26.33 ng
 RT: 10.91 min Scan# 1525
 Delta R.T. -0.01 min
 Lab File: BF094814.D
 Acq: 3 May 2017 2:16

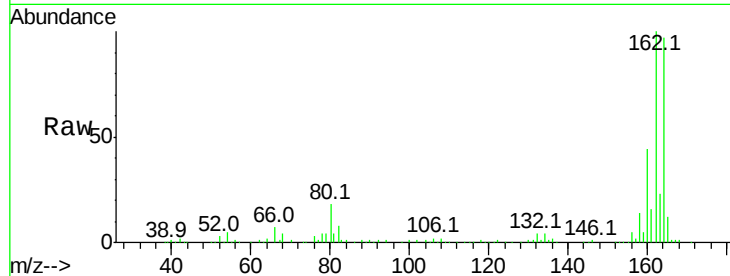
Tgt Ion:	142	Resp:	336852
Ion	Ratio	Lower	Upper
142	100		
141	90.6	71.3	106.9
115	31.8	27.1	40.7



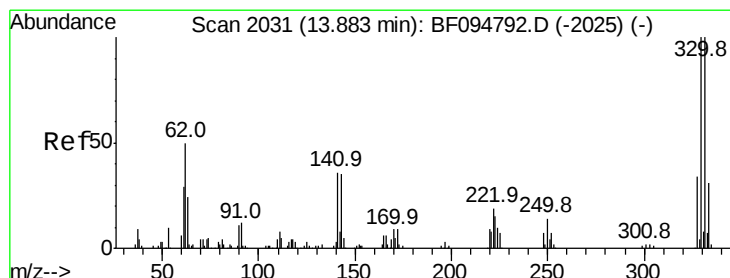
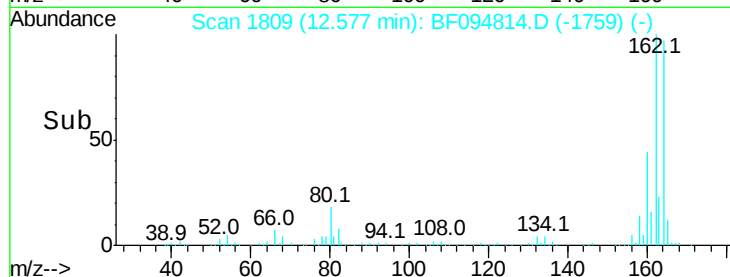
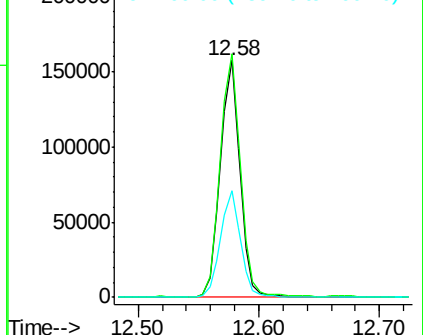


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.58 min Scan# 1809
Delta R.T. -0.01 min
Lab File: BF094814.D
Acq: 3 May 2017 2:16

Tot Ion:164 Resp: 176923
Ion Ratio Lower Upper
164 100
162 102.9 82.6 123.8
160 45.1 36.2 54.2

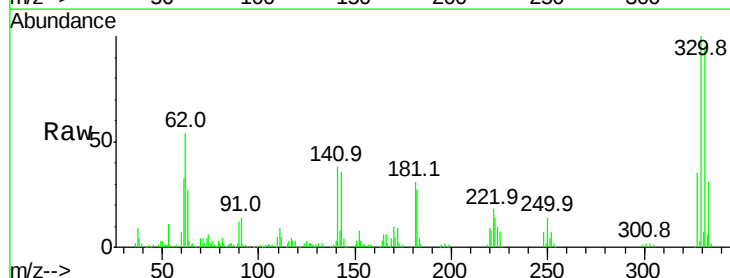


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

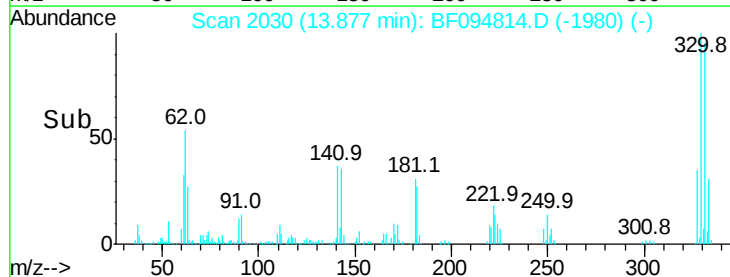
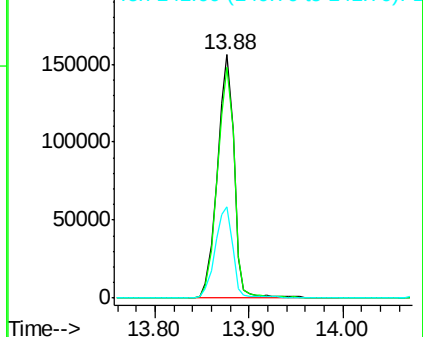


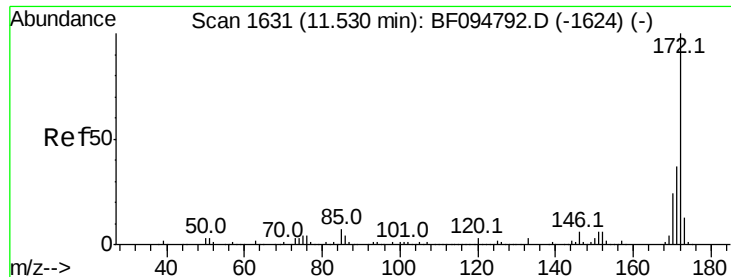
#41
2,4,6-Tribromophenol
Concen: 135.03 ng
RT: 13.88 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF094814.D
Acq: 3 May 2017 2:16

Tgt Ion:330 Resp: 195654
Ion Ratio Lower Upper
330 100
332 95.4 76.6 115.0
141 40.9 31.4 47.2



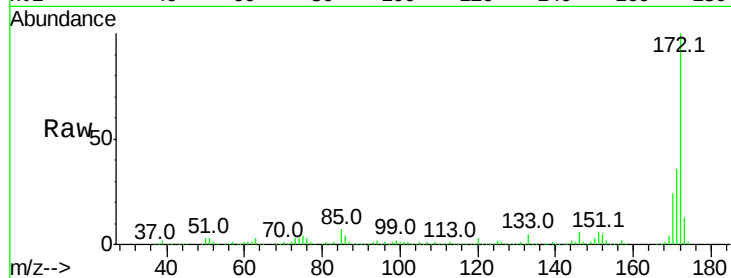
Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



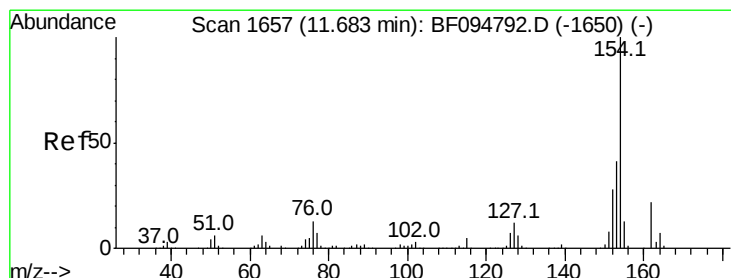
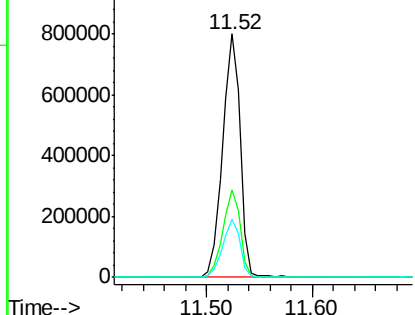
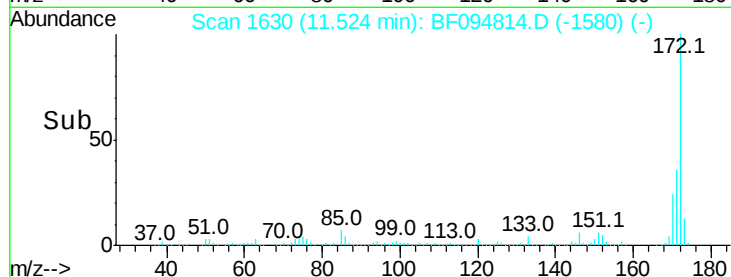


#44
 2-Fluorobiphenyl
 Concen: 75.86 ng
 RT: 11.52 min Scan# 1630
 Delta R.T. -0.01 min
 Lab File: BF094814.D
 Acq: 3 May 2017 2:16

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	23.8	19.8	29.8

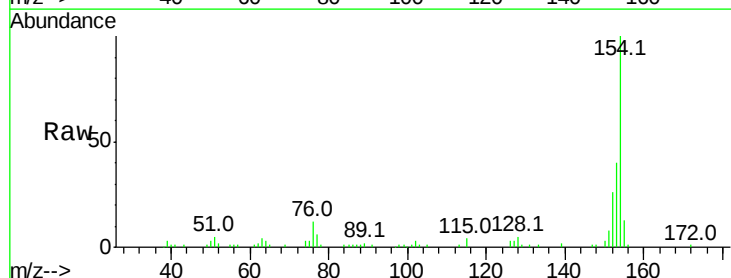


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

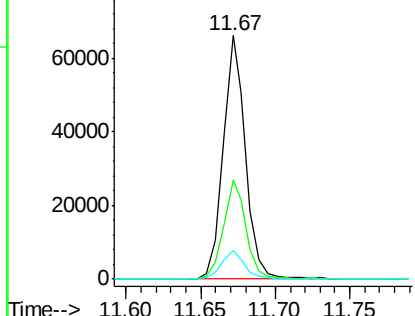
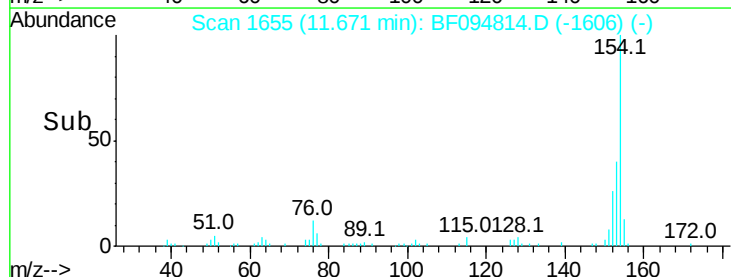


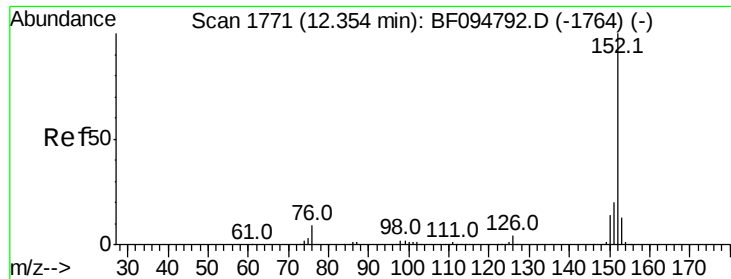
#45
 1,1'-Biphenyl
 Concen: 4.66 ng
 RT: 11.67 min Scan# 1655
 Delta R.T. -0.01 min
 Lab File: BF094814.D
 Acq: 3 May 2017 2:16

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.4	21.2	61.2
76	11.8	0.0	29.9



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0





#48

Acenaphthylene

Concen: 16.71 ng

RT: 12.34 min Scan# 1769

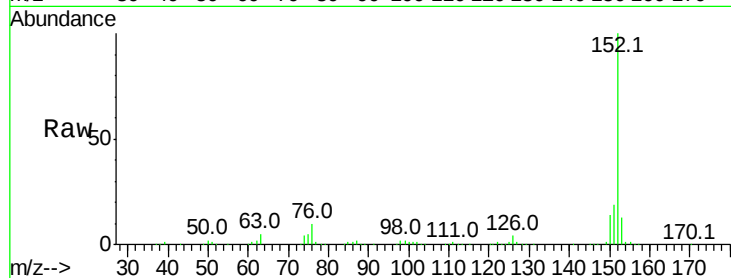
Delta R.T. -0.01 min

Lab File: BF094814.D

Acq: 3 May 2017 2:16

Tot Ion:152 Resp: 314797

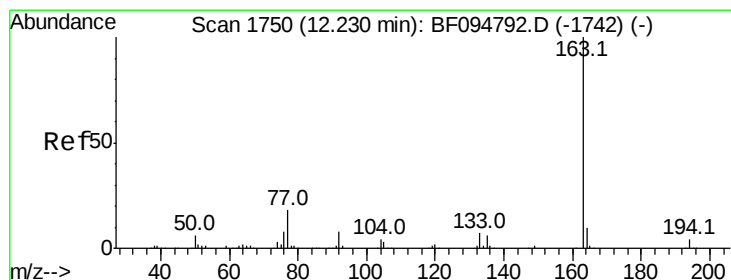
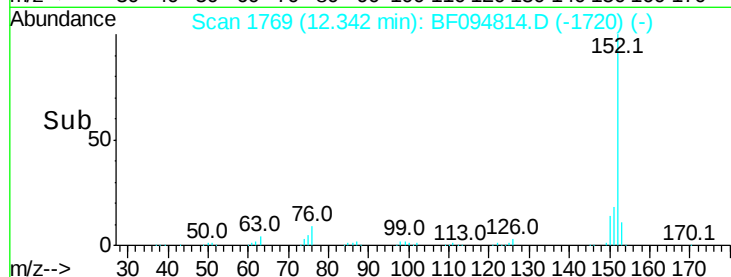
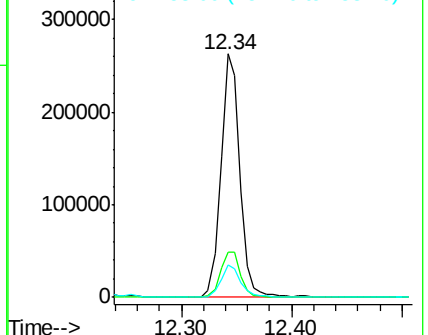
Ion	Ratio	Lower	Upper
152	100		
151	18.7	16.8	25.2
153	13.4	10.8	16.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 10.96 ng

RT: 12.21 min Scan# 1746

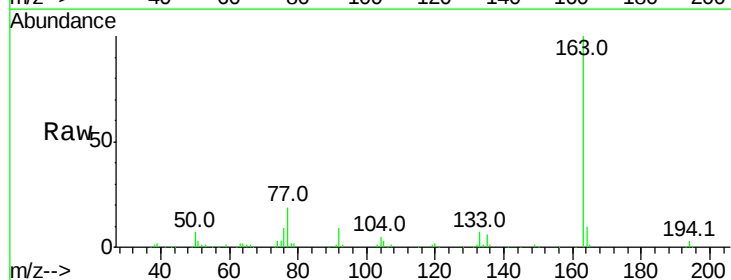
Delta R.T. -0.02 min

Lab File: BF094814.D

Acq: 3 May 2017 2:16

Tgt Ion:163 Resp: 159244

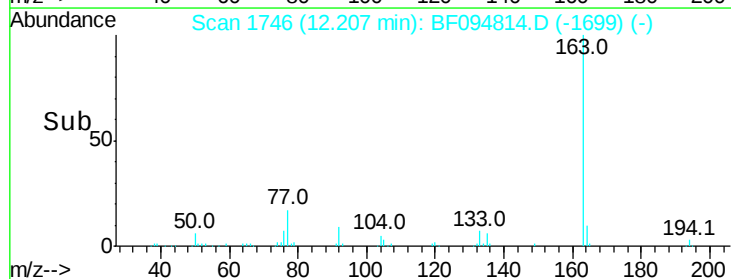
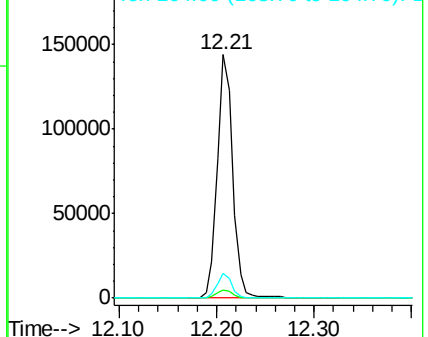
Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	10.1	8.4	12.6

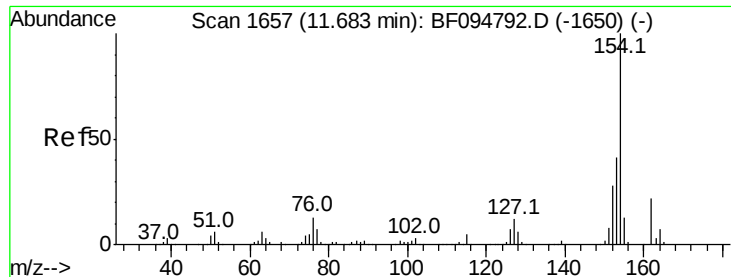


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 4.66 ng

RT: 11.67 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BF094814.D

Acq: 3 May 2017 2:16

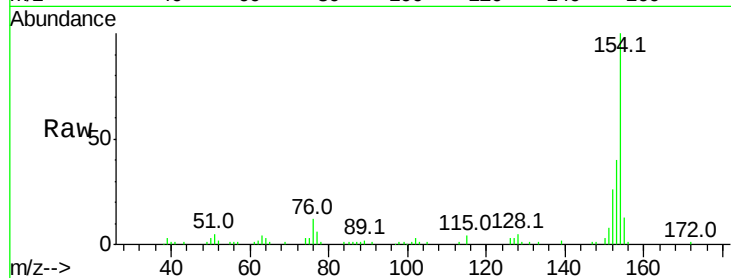
Tot Ion:154 Resp: 69438

Ion Ratio Lower Upper

154 100

153 40.4 90.5 135.7#

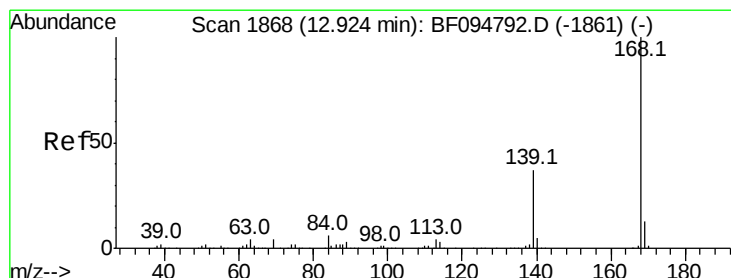
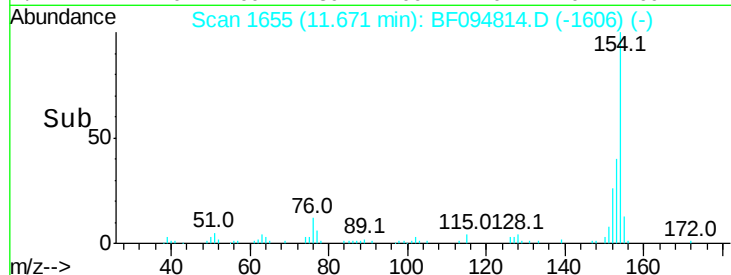
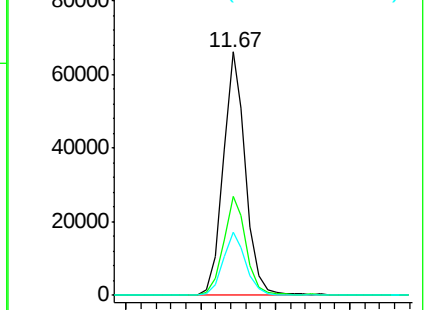
152 26.2 43.6 65.4#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 22.62 ng

RT: 12.92 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BF094814.D

Acq: 3 May 2017 2:16

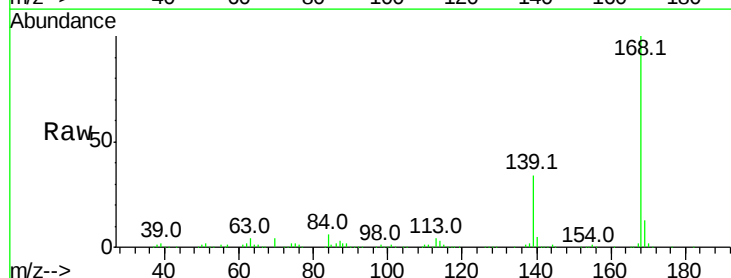
Tgt Ion:168 Resp: 352195

Ion Ratio Lower Upper

168 100

139 34.2 30.6 45.8

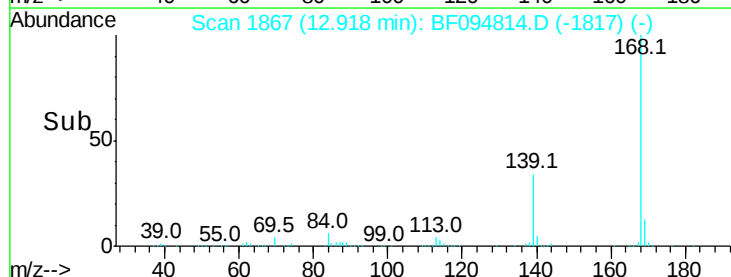
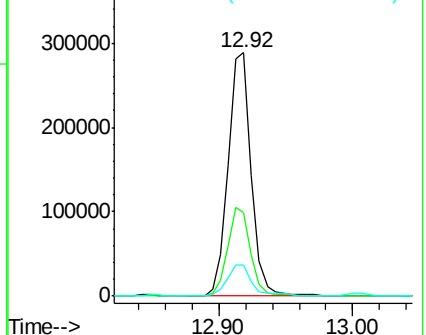
169 12.8 10.8 16.2

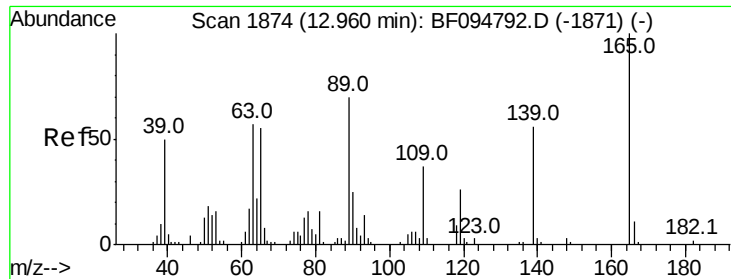


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

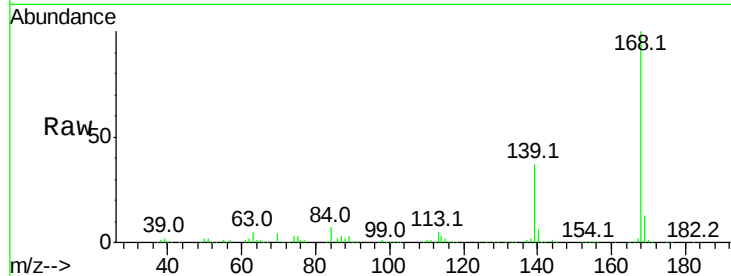
Ion 169.00 (168.70 to 169.70): E



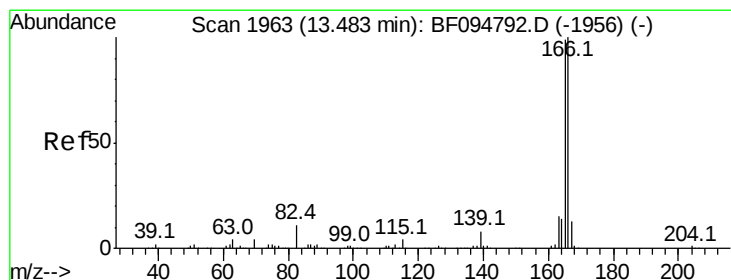
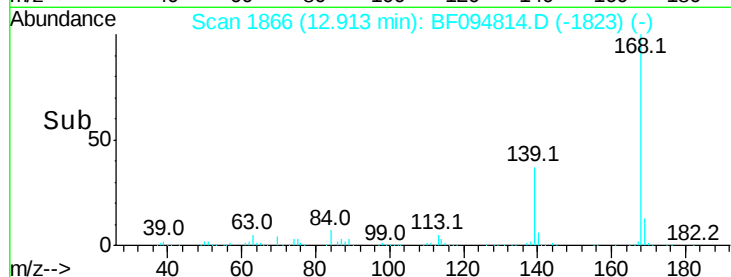
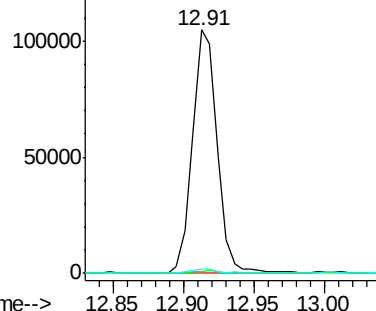


#55
4-Nitrophenol
Concen: 66.73 ng
RT: 12.91 min Scan# 1866
Delta R.T. -0.05 min
Lab File: BF094814.D
Acq: 3 May 2017 2:16

Tot Ion	Ratio	Resp	Lower	Upper
139	100	127476		
109	0.9	34.1	74.1#	
65	1.8	31.4	71.4#	

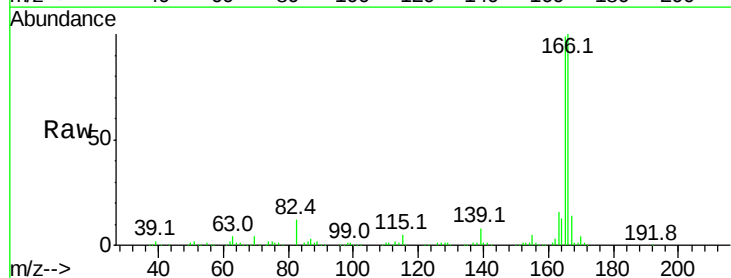


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): B

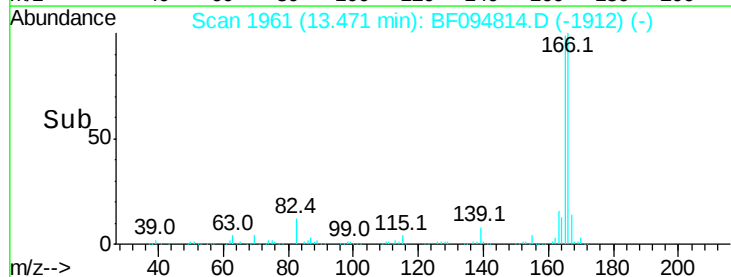
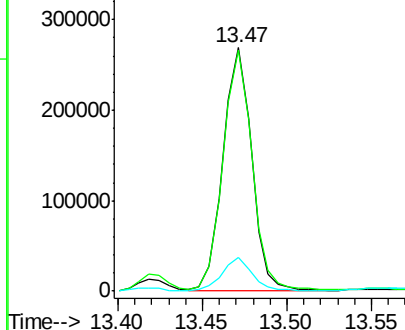


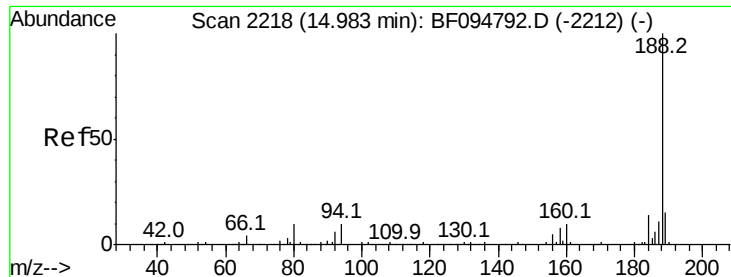
#57
Fluorene
Concen: 23.38 ng
RT: 13.47 min Scan# 1961
Delta R.T. -0.01 min
Lab File: BF094814.D
Acq: 3 May 2017 2:16

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	316630		
165	99.2	78.8	118.2	
167	13.8	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: BF094814.D

Acq: 3 May 2017 2:16

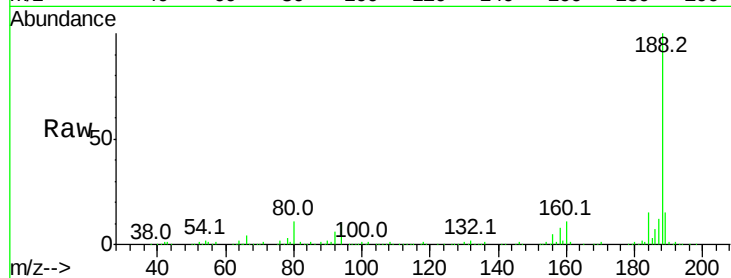
Tot Ion:188 Resp: 303845

Ion Ratio Lower Upper

188 100

94 10.1 9.4 14.2

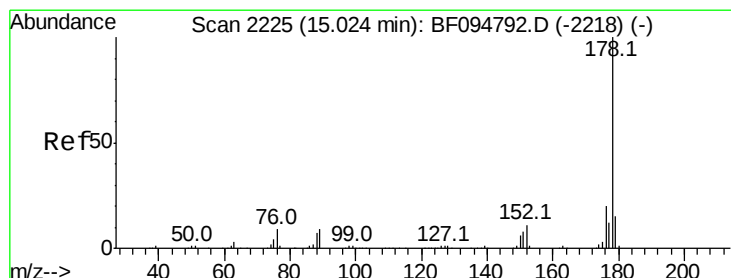
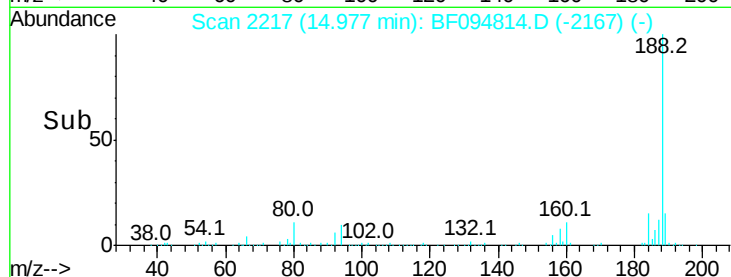
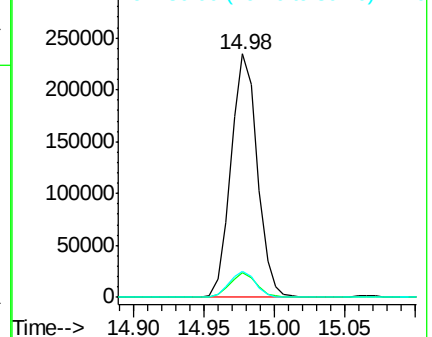
80 10.9 10.2 15.2



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: 73.58 ng

RT: 15.02 min Scan# 2225

Delta R.T. -0.00 min

Lab File: BF094814.D

Acq: 3 May 2017 2:16

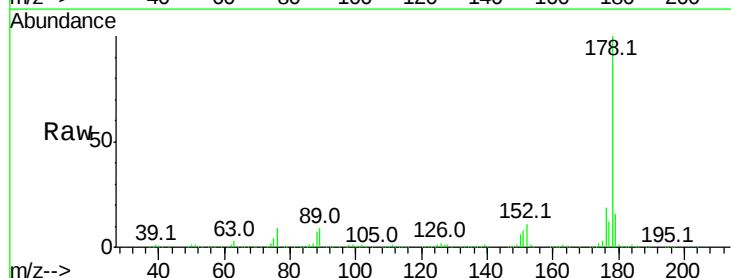
Tgt Ion:178 Resp: 1284532

Ion Ratio Lower Upper

178 100

176 19.3 16.2 24.4

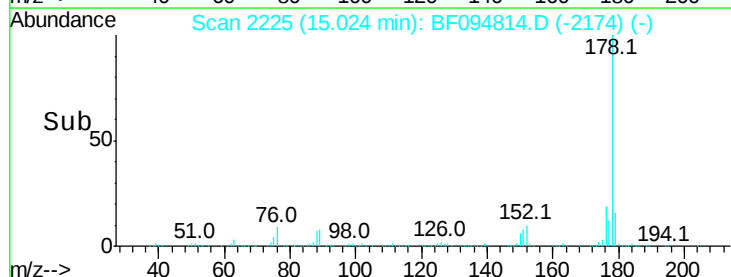
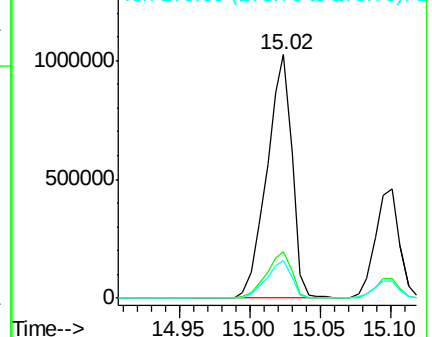
179 15.6 12.6 19.0

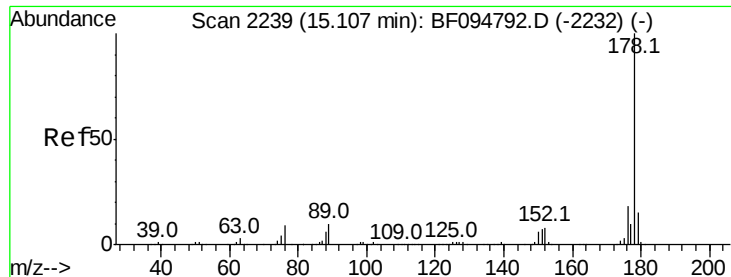


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

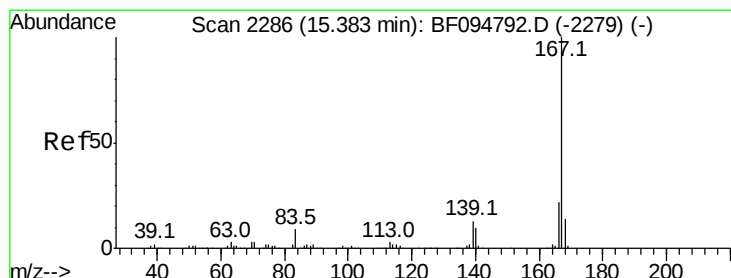
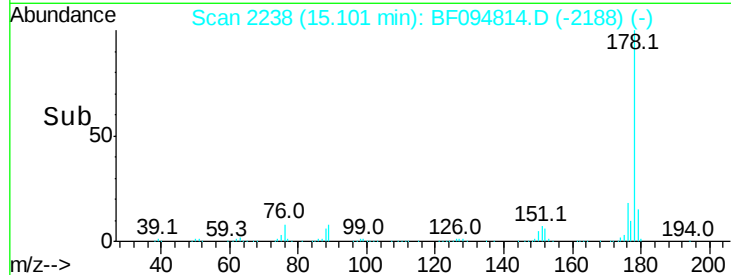
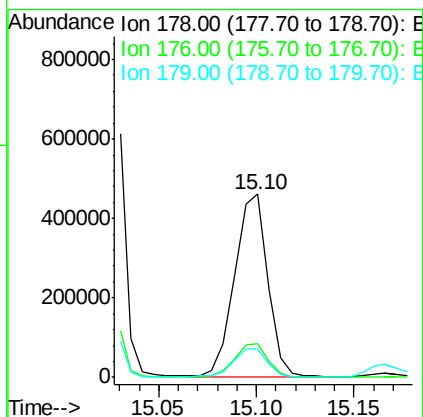
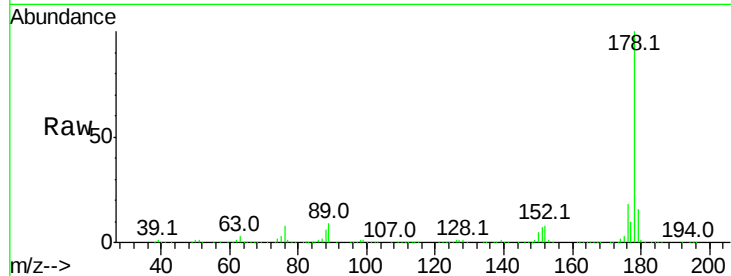
Ion 179.00 (178.70 to 179.70): E





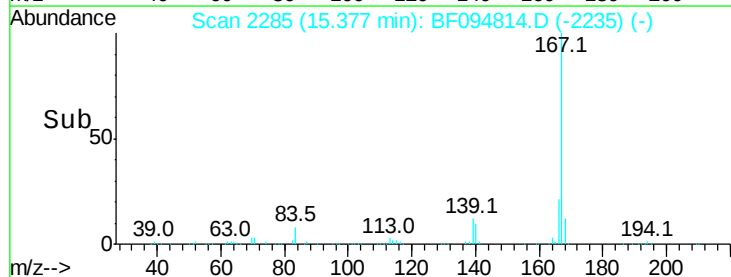
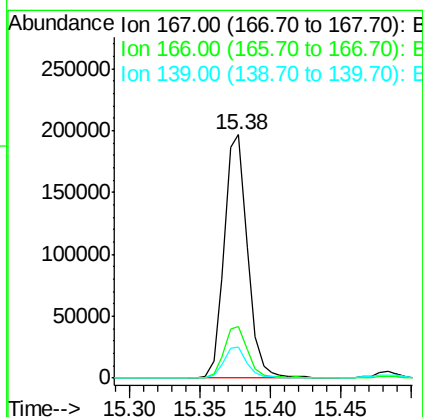
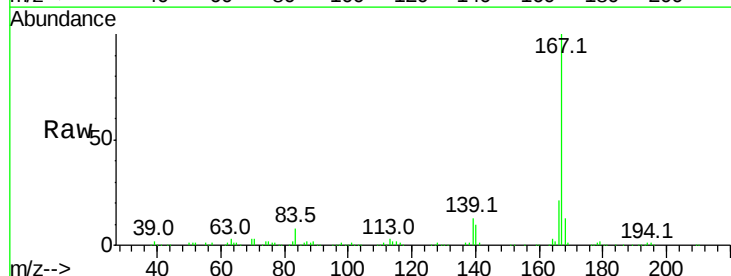
#71
 Anthracene
 Concen: 30.39 ng
 RT: 15.10 min Scan# 2238
 Delta R.T. -0.01 min
 Lab File: BF094814.D
 Acq: 3 May 2017 2:16

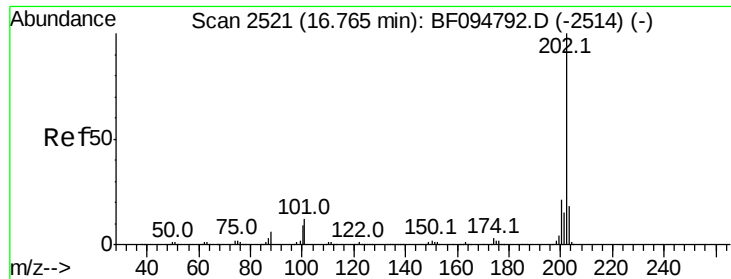
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.8	23.8
179	15.5	12.7	19.1



#72
 Carbazole
 Concen: 13.97 ng
 RT: 15.38 min Scan# 2285
 Delta R.T. -0.01 min
 Lab File: BF094814.D
 Acq: 3 May 2017 2:16

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.2	18.1	27.1
139	12.7	11.7	17.5





#74

Fluoranthene

Concen: 55.65 ng

RT: 16.77 min Scan# 2521

Delta R.T. -0.00 min

Lab File: BF094814.D

Acq: 3 May 2017 2:16

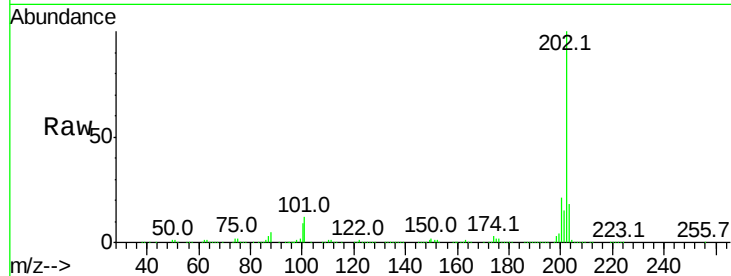
Tot Ion:202 Resp: 996549

Ion Ratio Lower Upper

202 100

101 12.2 0.0 33.2

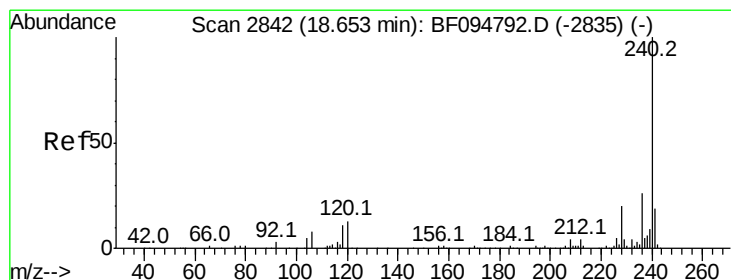
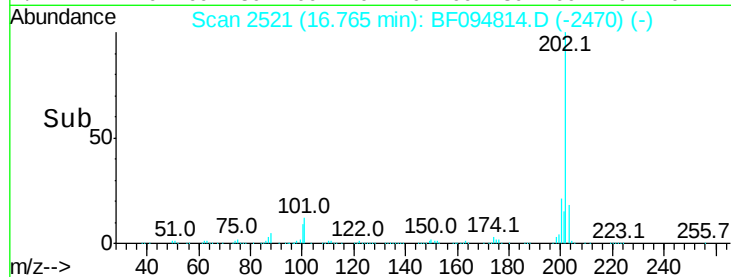
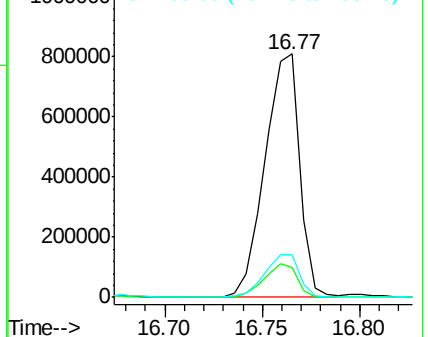
203 17.7 0.0 38.1



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.64 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BF094814.D

Acq: 3 May 2017 2:16

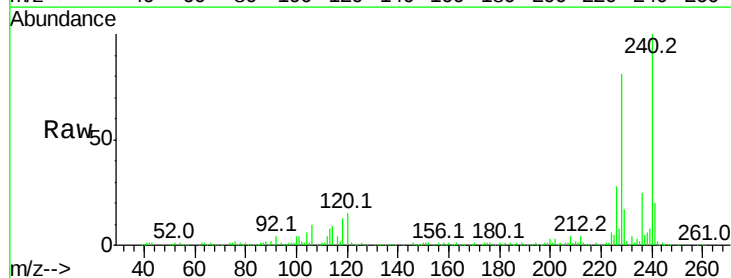
Tgt Ion:240 Resp: 210989

Ion Ratio Lower Upper

240 100

120 15.2 5.8 8.8#

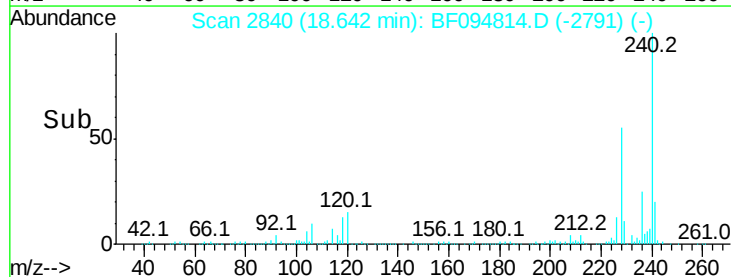
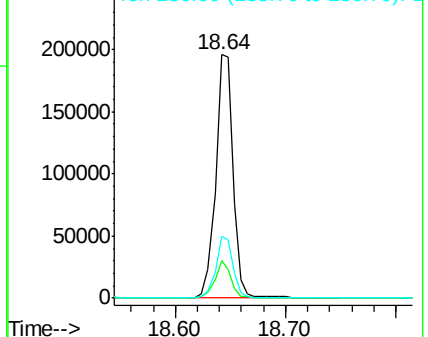
236 25.2 20.5 30.7

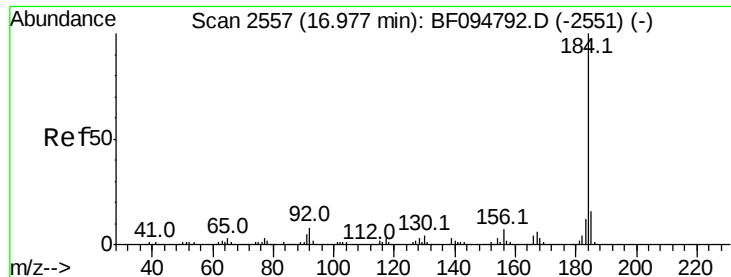


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 6.63 ng

RT: 16.89 min Scan# 2542

Delta R.T. -0.09 min

Lab File: BF094814.D

Acq: 3 May 2017 2:16

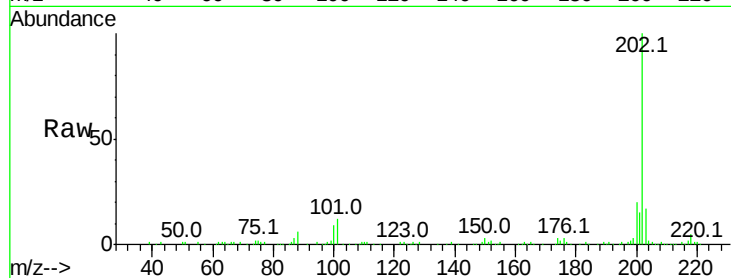
Tot Ion:184 Resp: 247

Ion Ratio Lower Upper

184 100

185 0.0 15.5 23.3#

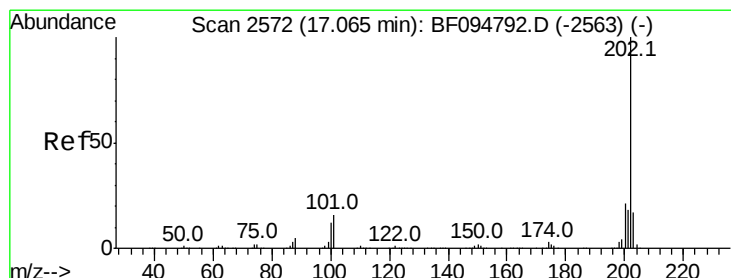
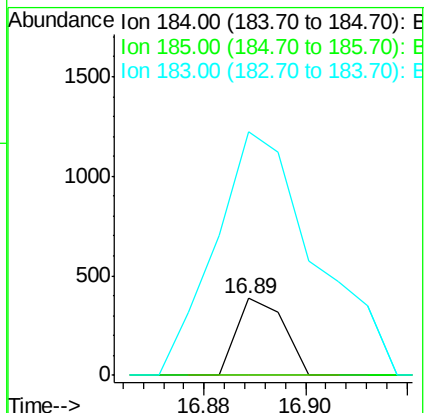
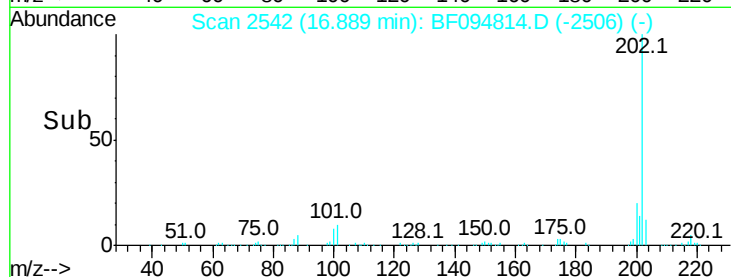
183 317.7 9.8 14.6#



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



#77

Pyrene

Concen: 57.35 ng

RT: 17.07 min Scan# 2572

Delta R.T. -0.00 min

Lab File: BF094814.D

Acq: 3 May 2017 2:16

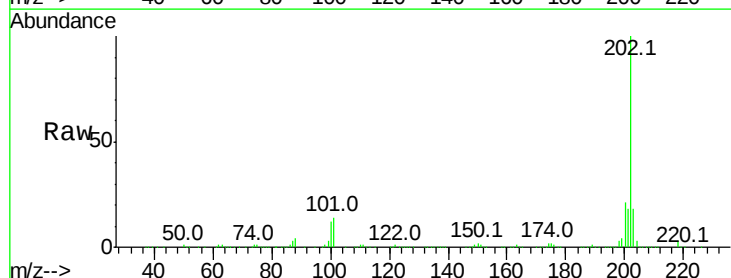
Tgt Ion:202 Resp: 905037

Ion Ratio Lower Upper

202 100

200 21.2 17.6 26.4

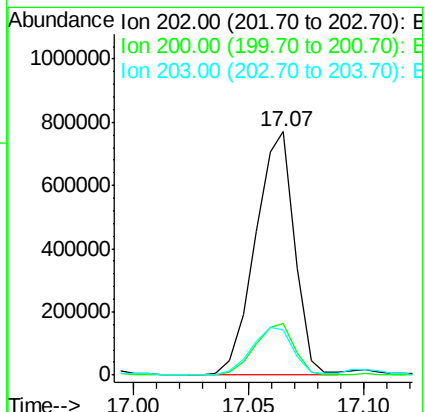
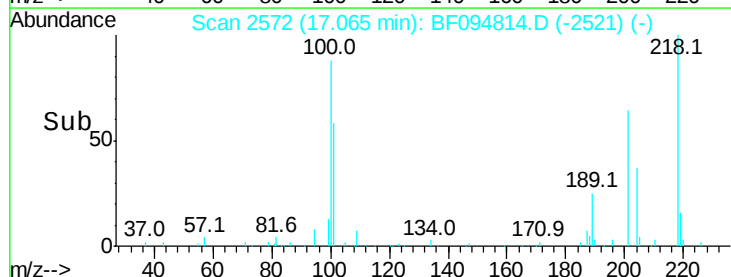
203 18.4 14.4 21.6

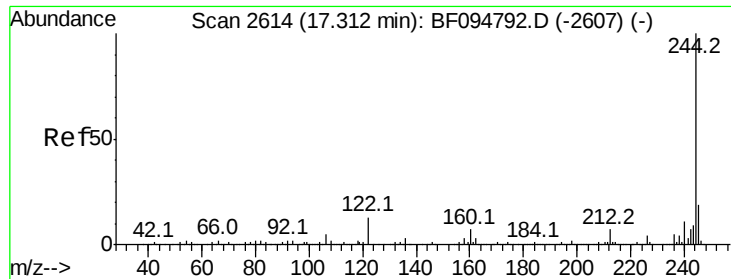


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

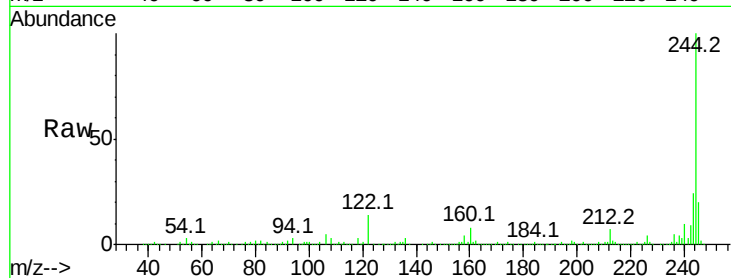
Ion 203.00 (202.70 to 203.70): E



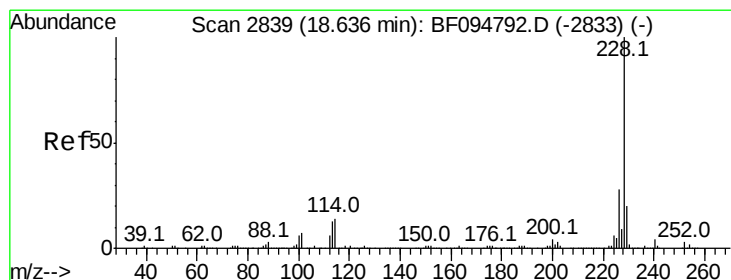
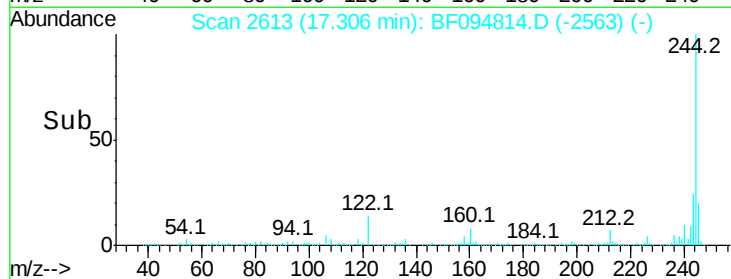
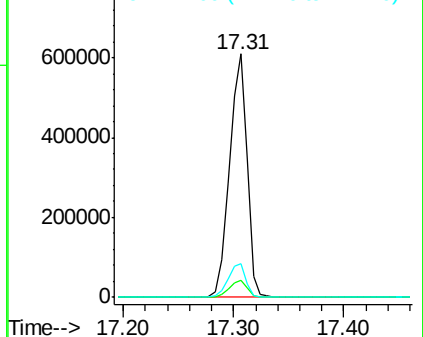


#78
 Terphenyl-d14
 Concen: 71.17 ng
 RT: 17.31 min Scan# 2613
 Delta R.T. -0.01 min
 Lab File: BF094814.D
 Acq: 3 May 2017 2:16

Tot Ion:244 Resp: 681740
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 13.8 10.3 15.5

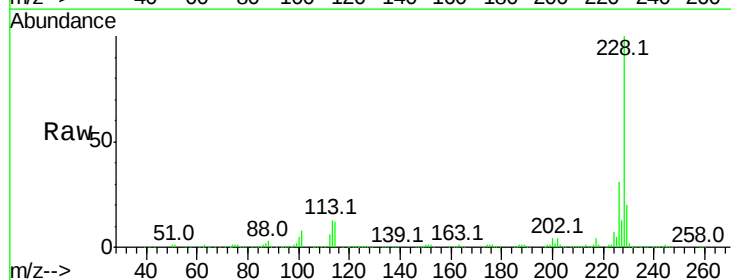


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

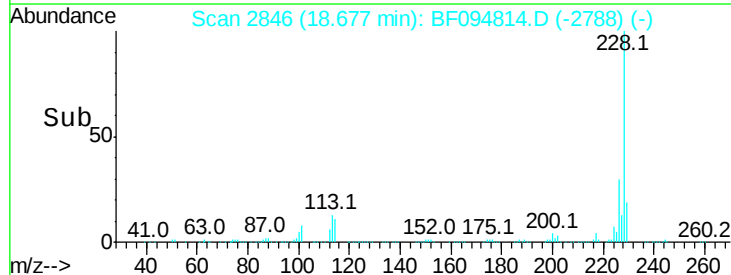
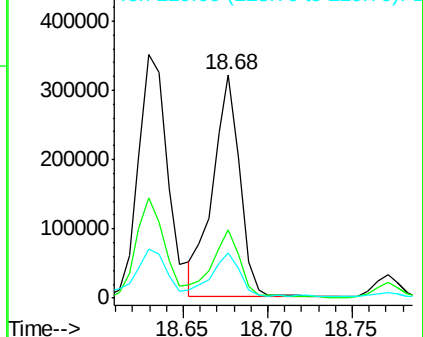


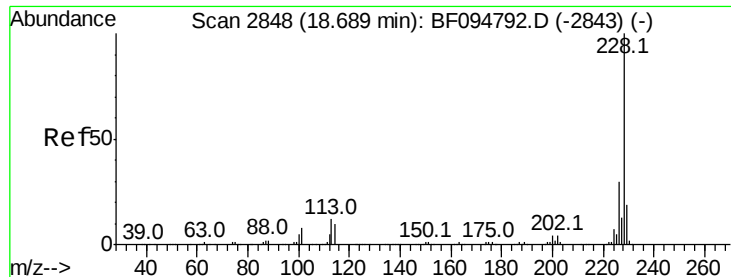
#80
 Benzo(a)anthracene
 Concen: 29.50 ng
 RT: 18.68 min Scan# 2846
 Delta R.T. 0.04 min
 Lab File: BF094814.D
 Acq: 3 May 2017 2:16

Tgt Ion:228 Resp: 362259
 Ion Ratio Lower Upper
 228 100
 226 30.5 22.6 33.8
 229 20.2 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 30.51 ng

RT: 18.68 min Scan# 2846

Delta R.T. -0.01 min

Lab File: BF094814.D

Acq: 3 May 2017 2:16

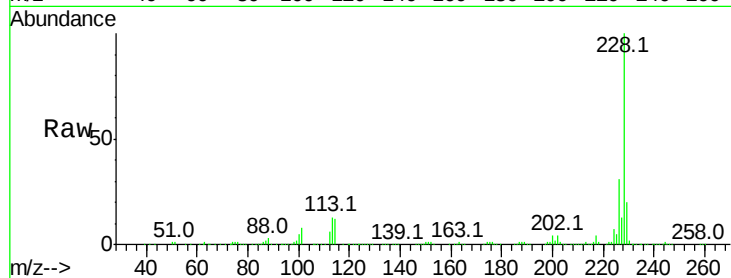
Tot Ion:228 Resp: 362259

Ion Ratio Lower Upper

228 100

226 30.5 24.9 37.3

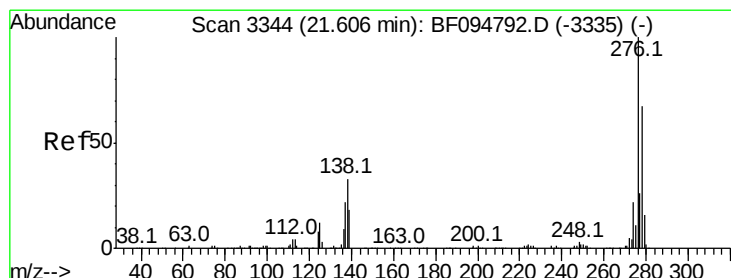
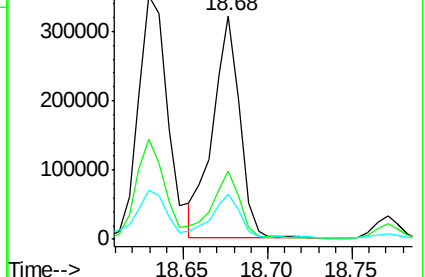
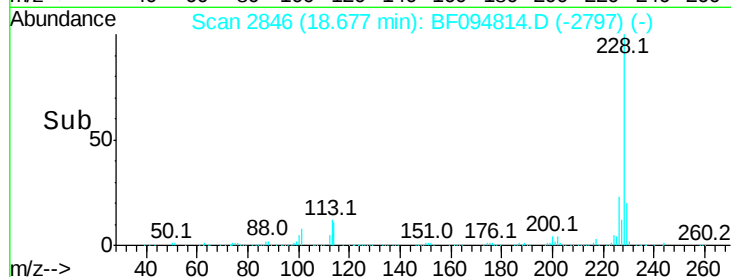
229 20.2 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#85

Indeno(1,2,3-cd)pyrene

Concen: 14.61 ng

RT: 21.59 min Scan# 3342

Delta R.T. -0.01 min

Lab File: BF094814.D

Acq: 3 May 2017 2:16

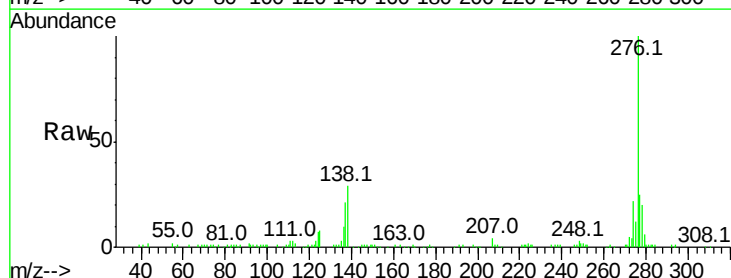
Tgt Ion:276 Resp: 140836

Ion Ratio Lower Upper

276 100

138 31.1 27.8 41.6

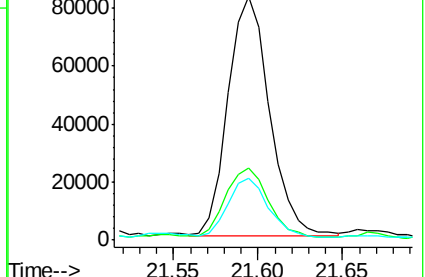
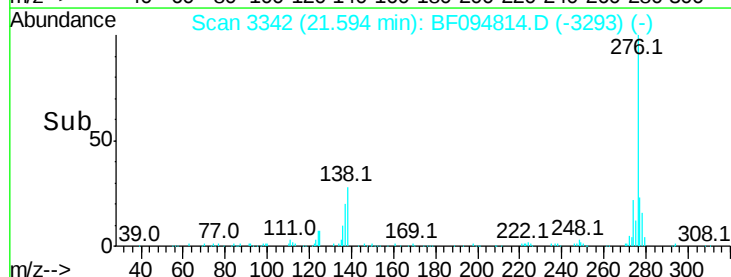
277 24.2 20.2 30.4

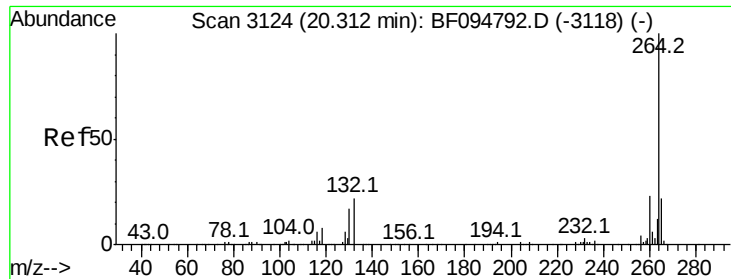


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

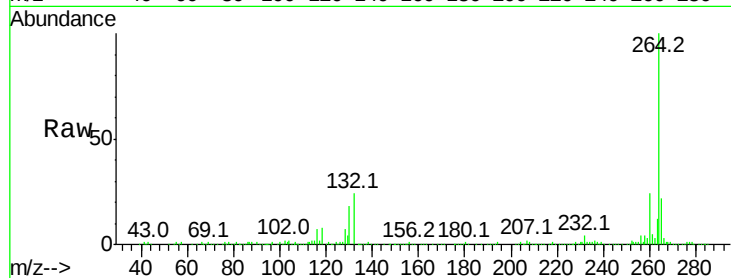
Ion 277.00 (276.70 to 277.70): E



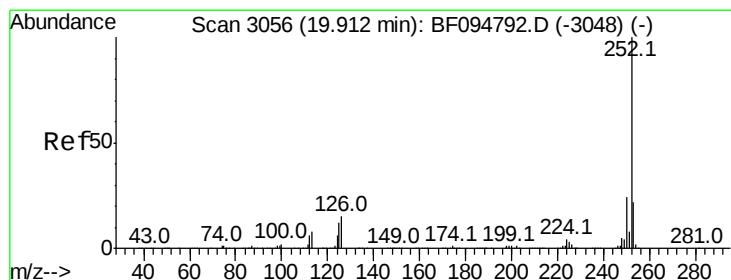
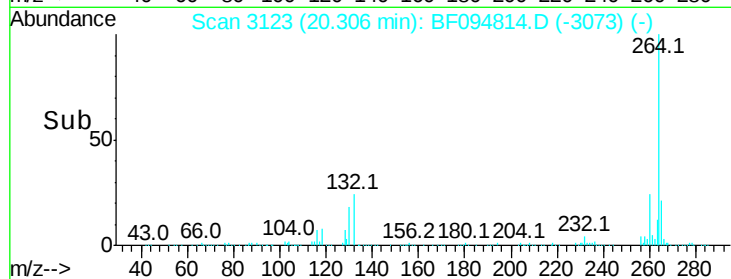
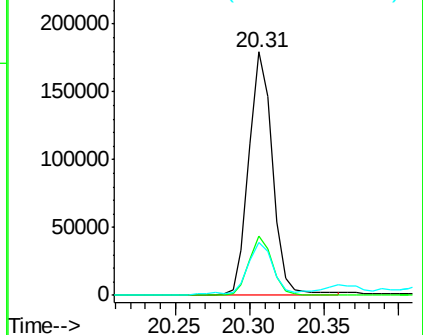


#86
Pervlone-d12
Concen: 20.00 ng
RT: 20.31 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BF094814.D
Acq: 3 May 2017 2:16

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	21.6	17.2	25.8

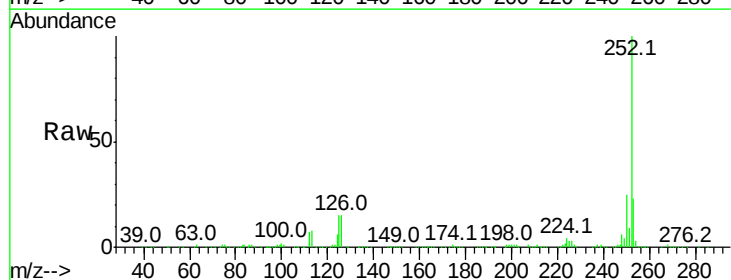


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

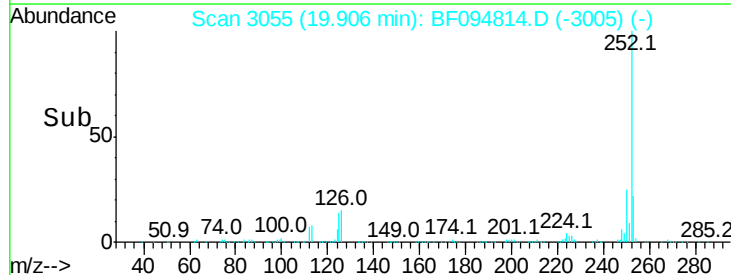
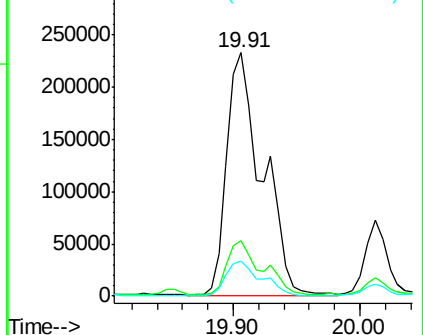


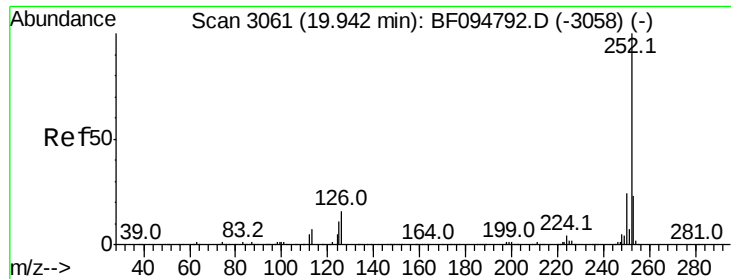
#87
Benzo(b)fluoranthene
Concen: 36.93 ng
RT: 19.91 min Scan# 3055
Delta R.T. -0.01 min
Lab File: BF094814.D
Acq: 3 May 2017 2:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	14.6	9.8	14.8



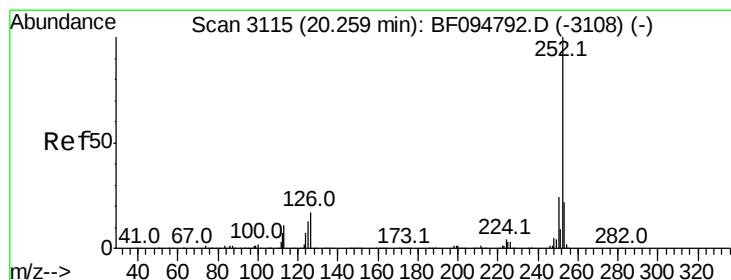
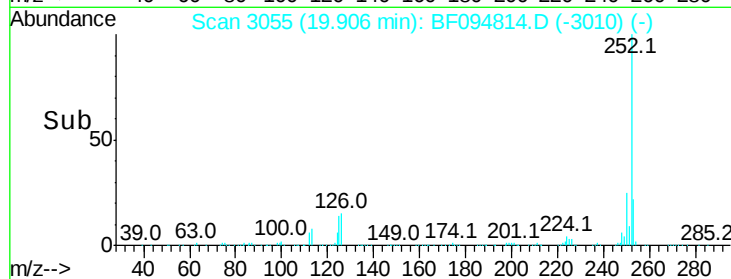
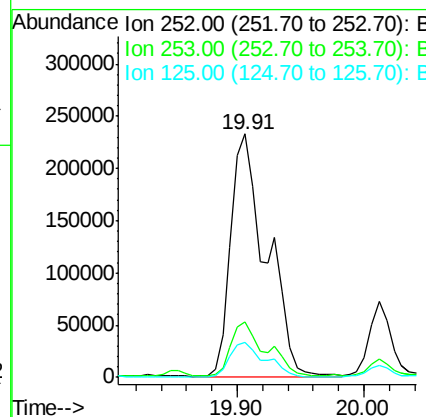
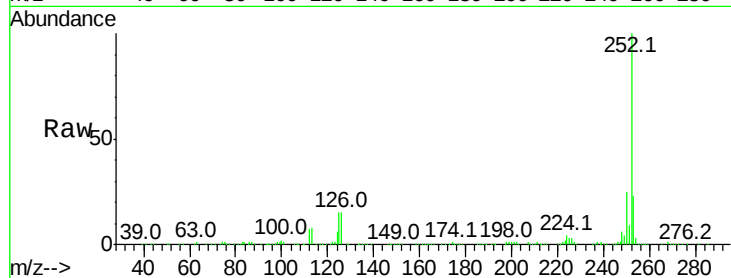
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





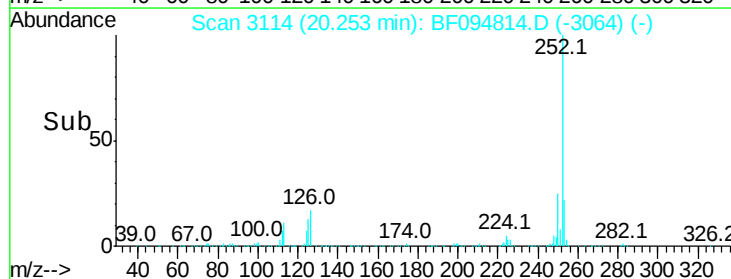
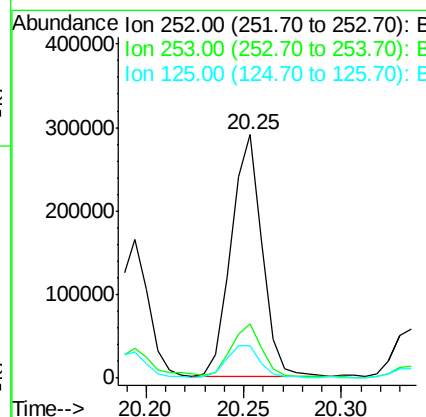
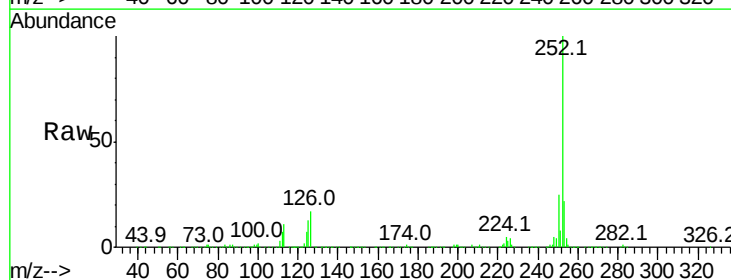
#88
Benzo(k)fluoranthene
Concen: 38.29 ng
RT: 19.91 min Scan# 3055
Delta R.T. -0.04 min
Lab File: BF094814.D
Acq: 3 May 2017 2:16

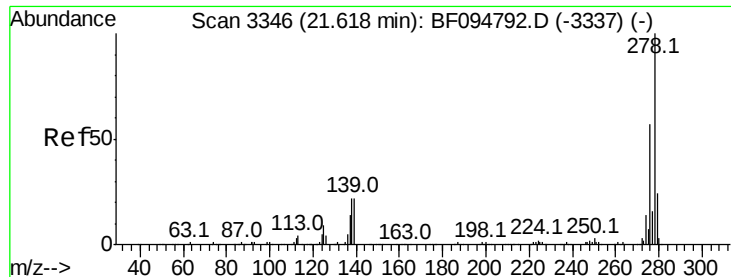
Tot Ion:252	Resp:	452134
Ion	Ratio	Lower Upper
252	100	
253	22.6	18.4 27.6
125	14.6	13.1 19.7



#89
Benzo(a)pyrene
Concen: 28.19 ng
RT: 20.25 min Scan# 3114
Delta R.T. -0.01 min
Lab File: BF094814.D
Acq: 3 May 2017 2:16

Tgt Ion:252	Resp:	318430
Ion	Ratio	Lower Upper
252	100	
253	22.2	17.5 26.3
125	13.4	11.0 16.4





#90

Dibenzo(a,h)anthracene

Concen: 3.68 ng

RT: 21.61 min Scan# 3344

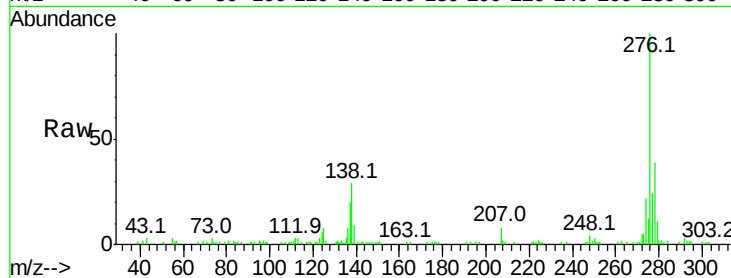
Delta R.T. -0.01 min

Lab File: BF094814.D

Acq: 3 May 2017 2:16

Tot Ion:278 Resp: 34328

Ion	Ratio	Lower	Upper
278	100		
139	23.4	16.6	24.8
279	27.1	19.3	28.9

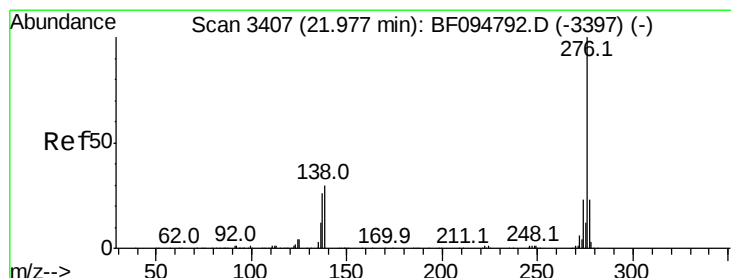
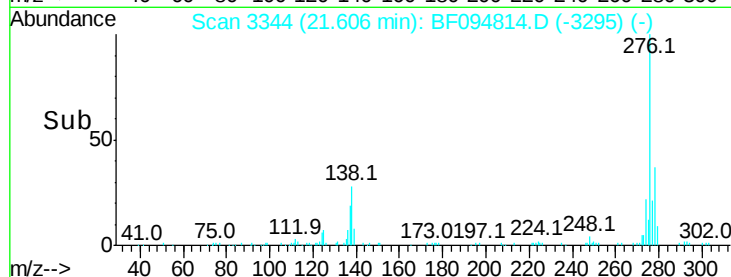
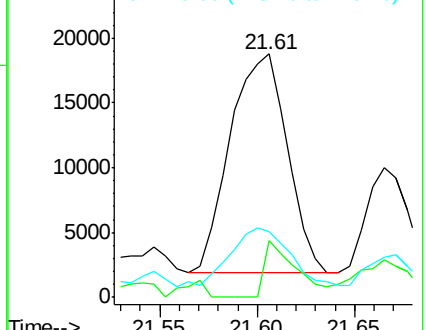


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 14.75 ng

RT: 21.96 min Scan# 3405

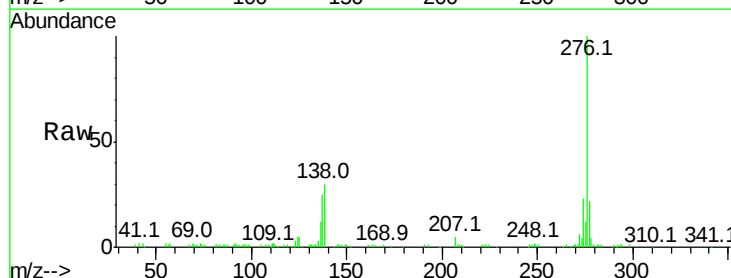
Delta R.T. -0.01 min

Lab File: BF094814.D

Acq: 3 May 2017 2:16

Tgt Ion:276 Resp: 135051

Ion	Ratio	Lower	Upper
276	100		
277	22.2	18.6	28.0
138	29.9	25.4	38.0



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

