

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011215\
 Data File : BF076834.D
 Acq On : 13 Jan 2015 7:37
 Operator : IZ / TP
 Sample : G1030-14
 Misc : S
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP5-SS-2(4-6)

Quant Time: Jan 13 11:43:18 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 10 06:22:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	35227	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	146784	20.00	ng	0.00
38) Acenaphthene-d10	15.13	164	74502	20.00	ng	0.00
63) Phenanthrene-d10	17.87	188	118677	20.00	ng	0.01
75) Chrysene-d12	21.36	240	120381	20.00	ng	0.01
86) Perylene-d12	23.03	264	112933	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.17	112	190313	88.86	ng	-0.01
7) Phenol-d6	7.49	99	236637	87.70	ng	-0.01
23) Nitrobenzene-d5	9.37	82	147160	54.55	ng	-0.01
41) 2,4,6-Tribromophenol	16.77	330	53371	83.61	ng	-0.01
44) 2-Fluorobiphenyl	13.65	172	275697	53.85	ng	0.00
78) Terphenyl-d14	20.08	244	239922	42.93	ng	0.01

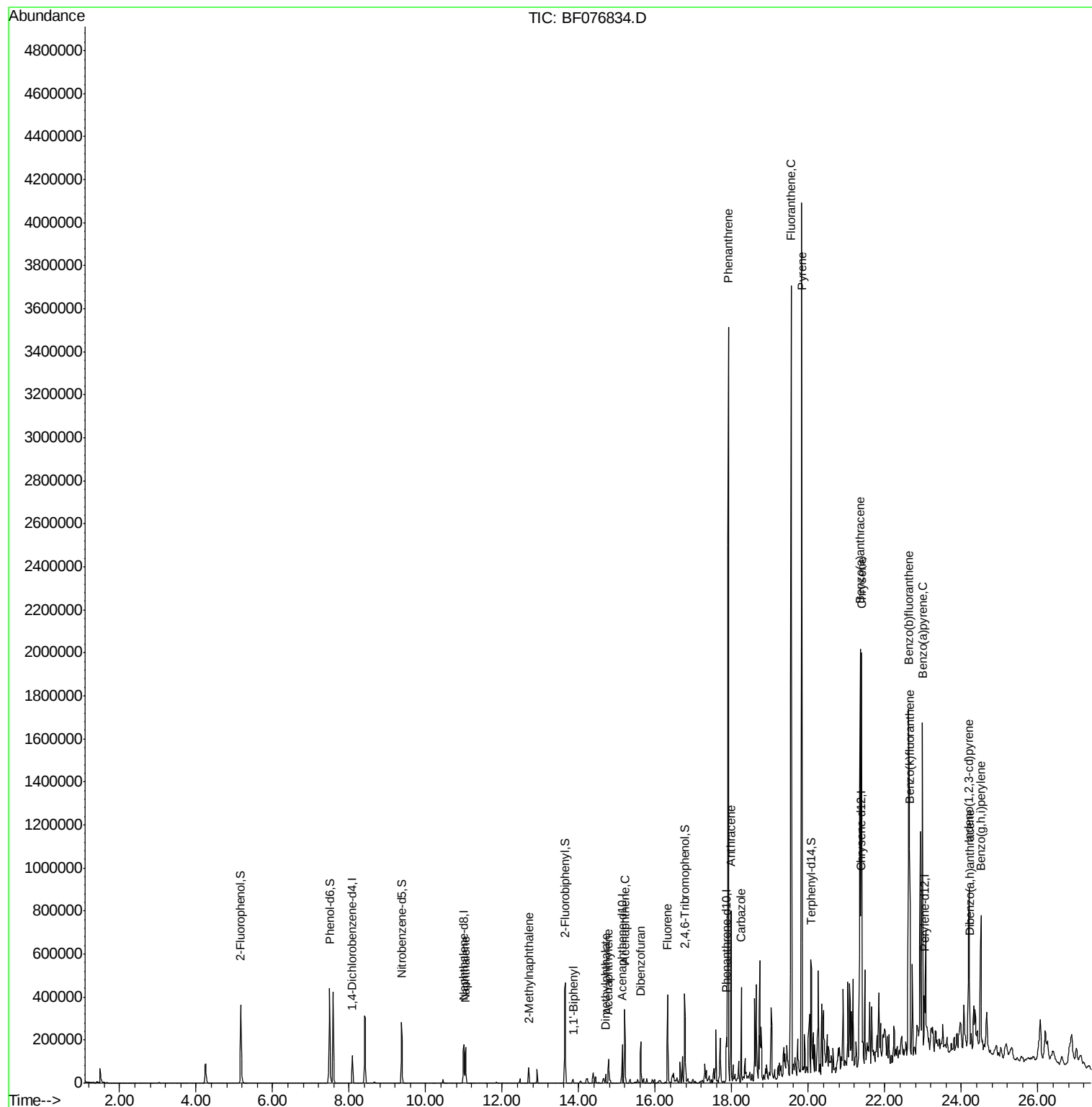
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Naphthalene	11.04	128	132035	17.42	ng	98
37) 2-Methylnaphthalene	12.70	142	37214	6.97	ng	96
45) 1,1'-Biphenyl	13.85	154	12886	2.21	ng	96
48) Acenaphthylene	14.78	152	90749	11.40	ng	97
49) Dimethylphthalate	14.70	163	30599	5.59	ng	# 93
51) Acenaphthene	15.20	154	120706	26.84	ng	100
54) Dibenzofuran	15.63	168	127558	19.60	ng	98
57) Fluorene	16.32	166	156335	28.46	ng	99
70) Phenanthrene	17.91	178	1973474	265.29	ng	98
71) Anthracene	17.98	178	506472	68.91	ng	99
72) Carbazole	18.25	167	246556	34.74	ng	99
74) Fluoranthene	19.55	202	2472281	322.26	ng	94
77) Pvrene	19.83	202	1818182	206.15	ng	# 89
80) Benzo(a)anthracene	21.35	228	1139210	145.80	ng	98
82) Chrysene	21.40	228	828564m	119.30	ng	
85) Indeno(1,2,3-cd)pyrene	24.20	276	457152	63.30	ng	# 100
87) Benzo(b)fluoranthene	22.62	252	1247312m	150.41	ng	
88) Benzo(k)fluoranthene	22.64	252	215476m	32.94	ng	
89) Benzo(a)pvrene	22.99	252	782941	113.94	ng	96
90) Dibenzo(a,h)anthracene	24.21	278	97865m	15.66	ng	
91) Benzo(q,h,i)perylene	24.51	276	414022	65.21	ng	99

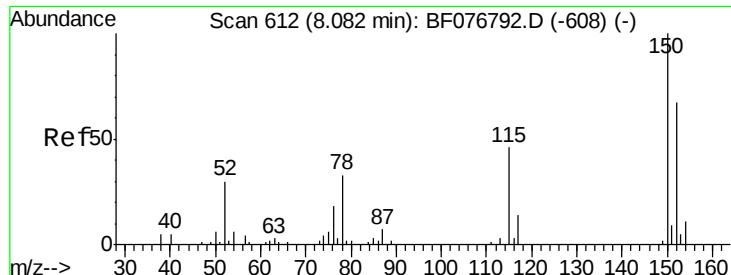
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.08 min Scan# 612

Delta R.T. 0.00 min

Lab File: BF076834.D

Acq: 13 Jan 2015 7:37

Instrument :

BNA_F

ClientSampleId :

TP5-SS-2(4-6)

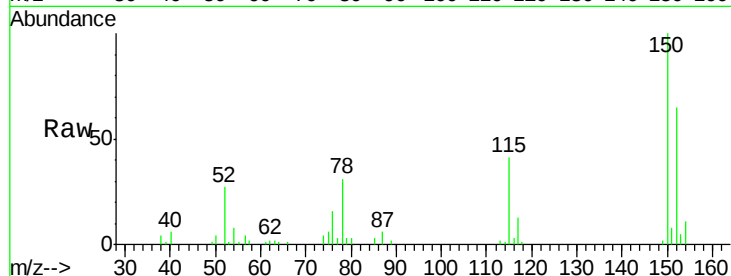
Tot Ion:152 Resp: 35227

Ion Ratio Lower Upper

152 100

150 153.9 119.5 179.3

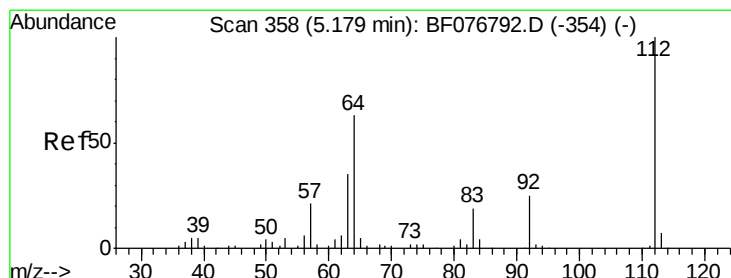
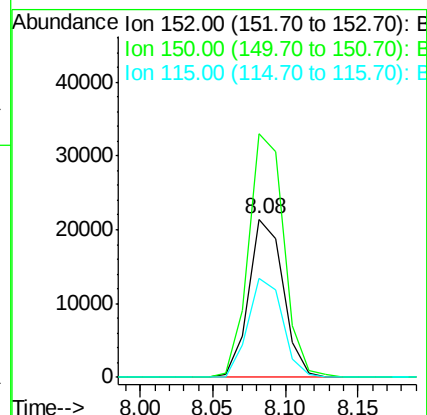
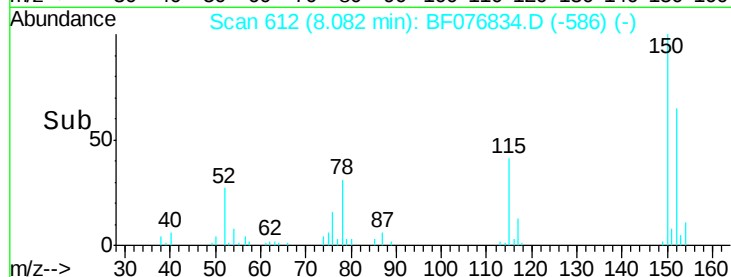
115 62.5 54.6 81.8



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: 88.86 ng

RT: 5.17 min Scan# 357

Delta R.T. -0.01 min

Lab File: BF076834.D

Acq: 13 Jan 2015 7:37

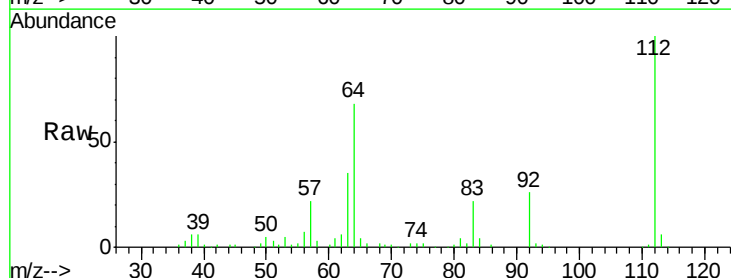
Tgt Ion:112 Resp: 190313

Ion Ratio Lower Upper

112 100

64 68.2 50.2 75.4

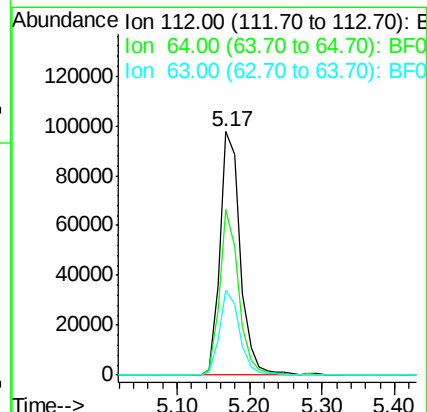
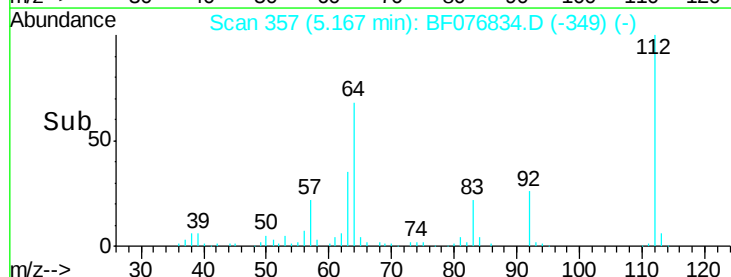
63 35.1 27.8 41.6

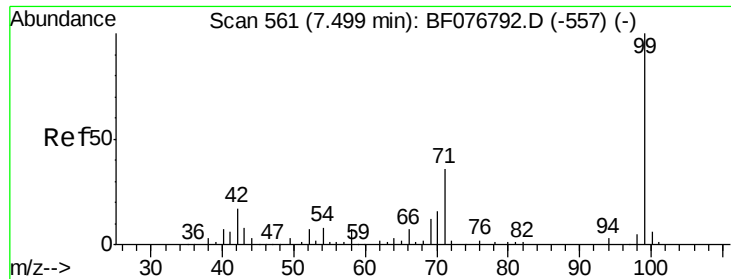


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 87.70 ng

RT: 7.49 min Scan# 560

Delta R.T. -0.01 min

Lab File: BF076834.D

Acq: 13 Jan 2015 7:37

Instrument :

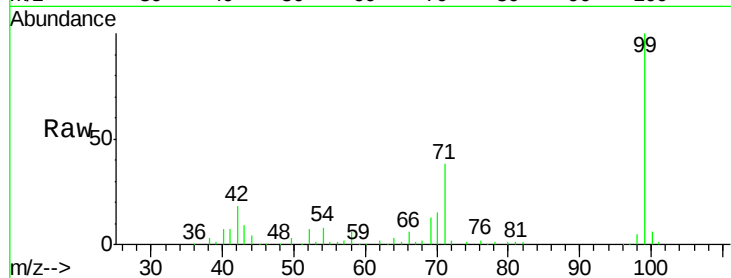
BNA_F

ClientSampleId :

TP5-SS-2(4-6)

Tot Ion: 99 Resp: 236637

Ion	Ratio	Lower	Upper
99	100		
42	18.1	13.3	19.9
71	38.0	29.2	43.8

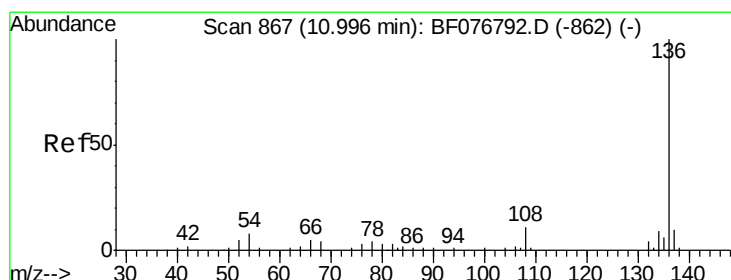
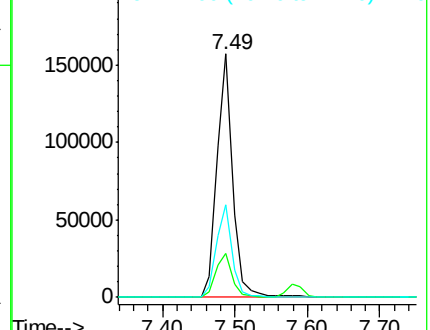
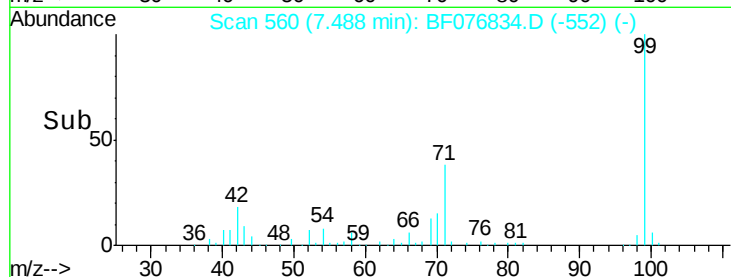


Abundance

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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.00 min Scan# 867

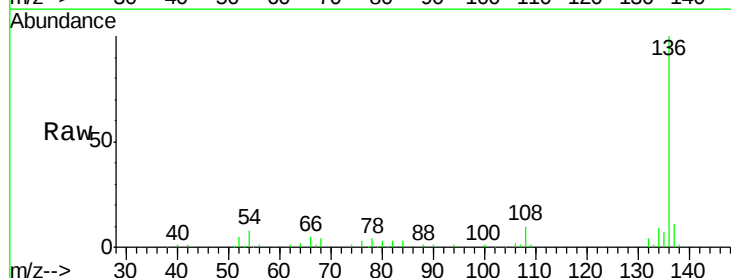
Delta R.T. 0.00 min

Lab File: BF076834.D

Acq: 13 Jan 2015 7:37

Tgt Ion: 136 Resp: 146784

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.1	12.1
54	7.6	6.3	9.5
68	4.2	3.4	5.0



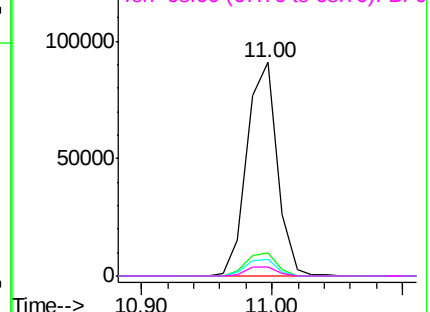
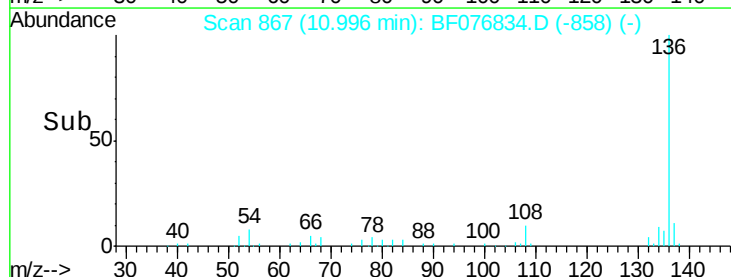
Abundance

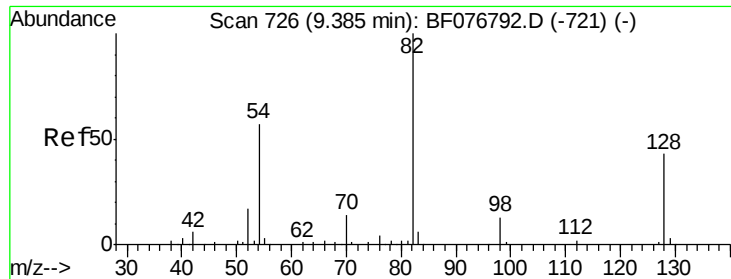
Ion 136.00 (135.70 to 136.70): E

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

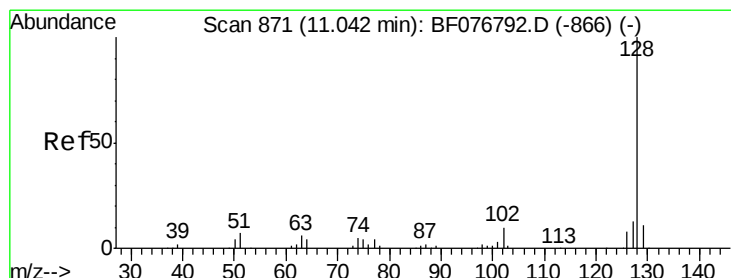
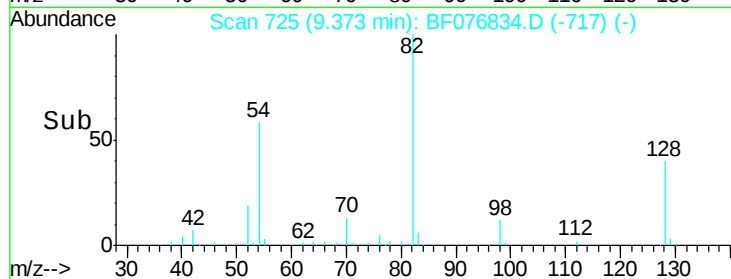
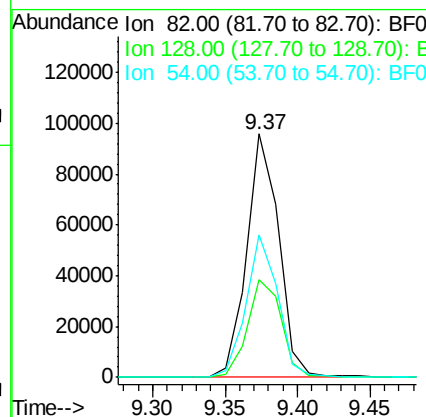
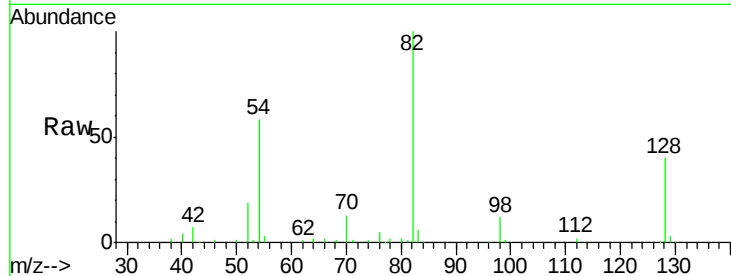




#23
 Nitrobenzene-d5
 Concen: 54.55 ng
 RT: 9.37 min Scan# 725
 Delta R.T. -0.01 min
 Lab File: BF076834.D
 Acq: 13 Jan 2015 7:37

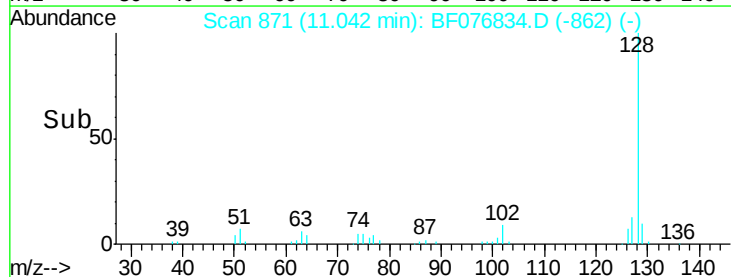
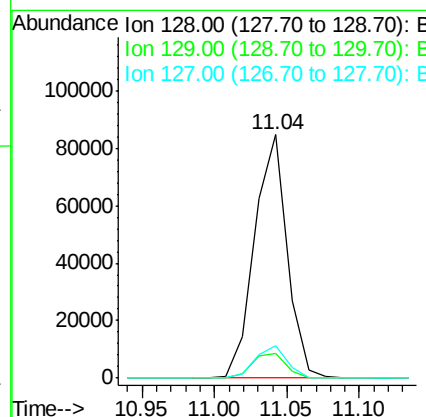
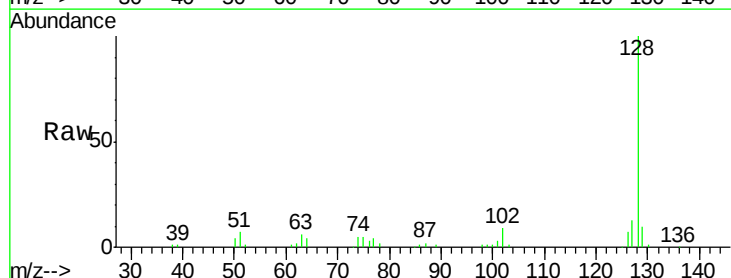
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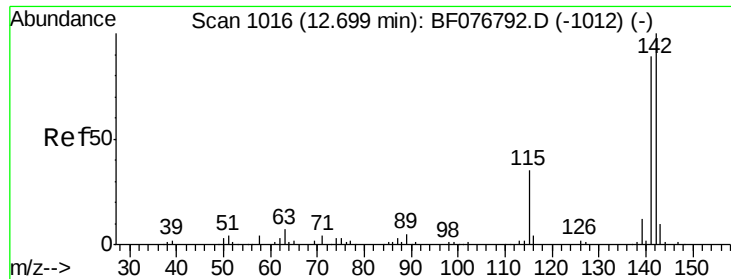
Tot Ion: 82 Resp: 147160
 Ion Ratio Lower Upper
 82 100
 128 40.2 34.0 51.0
 54 58.4 45.6 68.4



#31
 Naphthalene
 Concen: 17.42 ng
 RT: 11.04 min Scan# 871
 Delta R.T. 0.00 min
 Lab File: BF076834.D
 Acq: 13 Jan 2015 7:37

Tgt Ion: 128 Resp: 132035
 Ion Ratio Lower Upper
 128 100
 129 10.2 8.6 13.0
 127 13.3 10.1 15.1

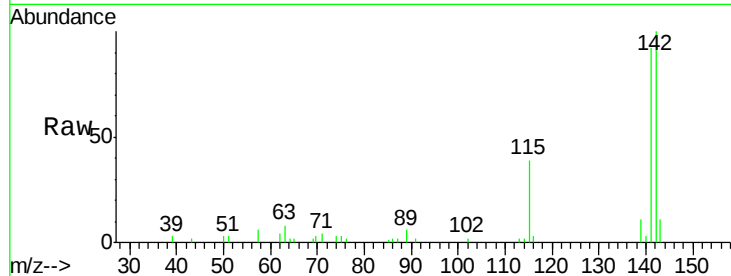




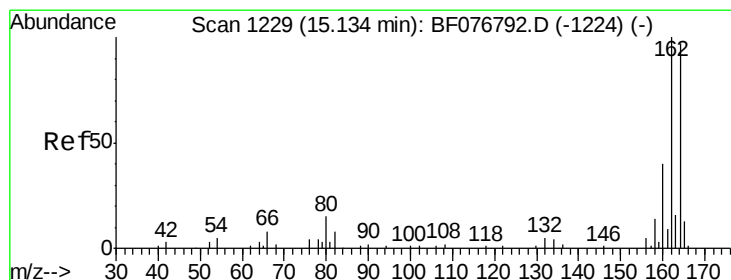
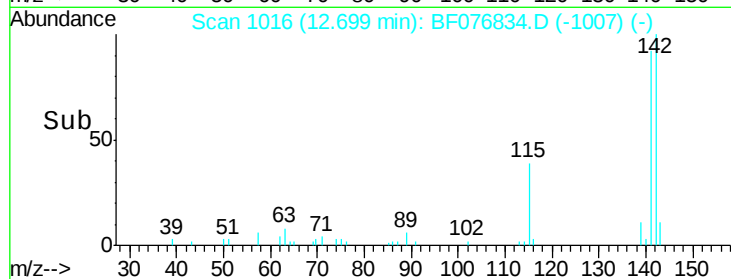
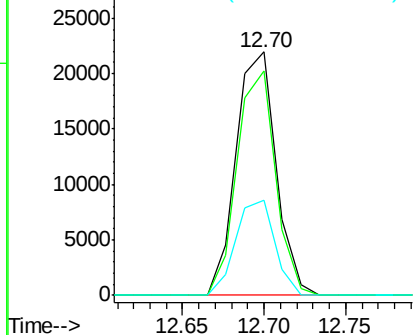
#37
2-Methylnaphthalene
Concen: 6.97 ng
RT: 12.70 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BF076834.D
Acq: 13 Jan 2015 7:37

Instrument :
BNA_F
ClientSampleId :
TP5-SS-2(4-6)

Tot Ion:142 Resp: 37214
Ion Ratio Lower Upper
142 100
141 92.2 71.0 106.4
115 38.9 28.2 42.2

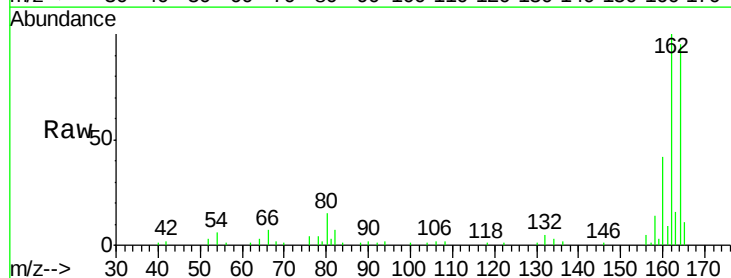


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

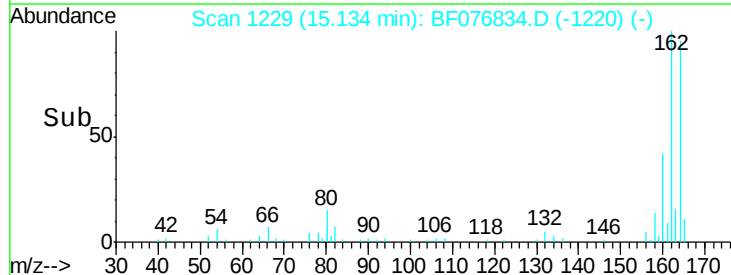
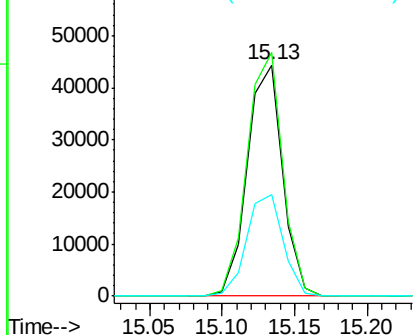


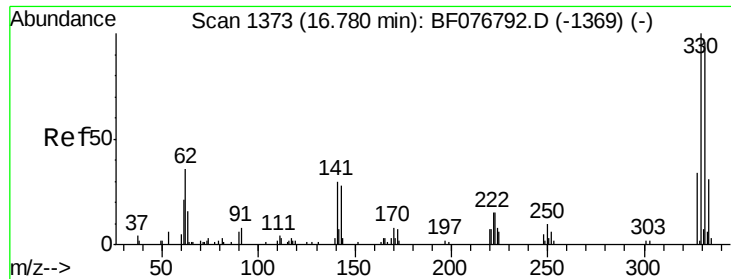
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.13 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF076834.D
Acq: 13 Jan 2015 7:37

Tgt Ion:164 Resp: 74502
Ion Ratio Lower Upper
164 100
162 105.3 82.5 123.7
160 43.8 33.1 49.7



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: 83.61 ng

RT: 16.77 min Scan# 1372

Delta R.T. -0.01 min

Lab File: BF076834.D

Acq: 13 Jan 2015 7:37

Instrument :

BNA_F

ClientSampleId :

TP5-SS-2(4-6)

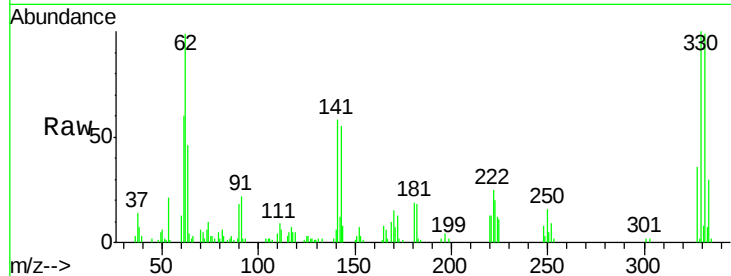
Tot Ion:330 Resp: 53371

Ion Ratio Lower Upper

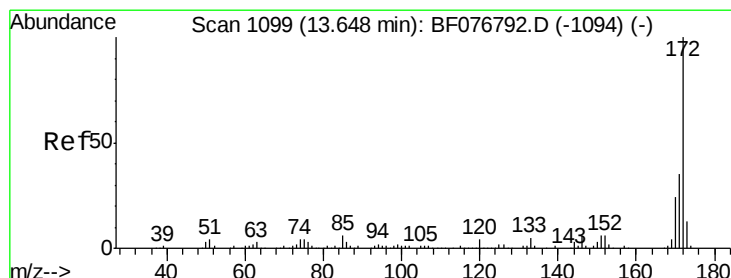
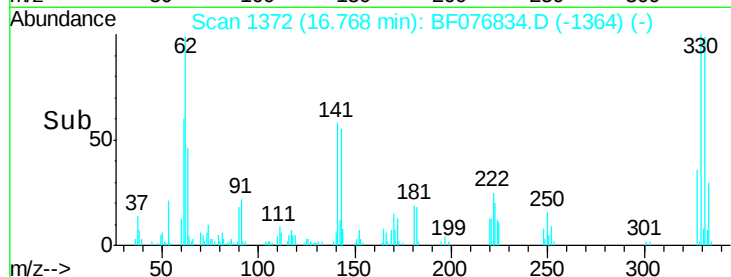
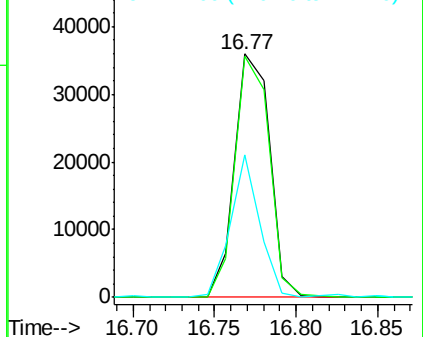
330 100

332 97.2 74.8 112.2

141 49.2 42.4 63.6



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: 53.85 ng

RT: 13.65 min Scan# 1099

Delta R.T. 0.00 min

Lab File: BF076834.D

Acq: 13 Jan 2015 7:37

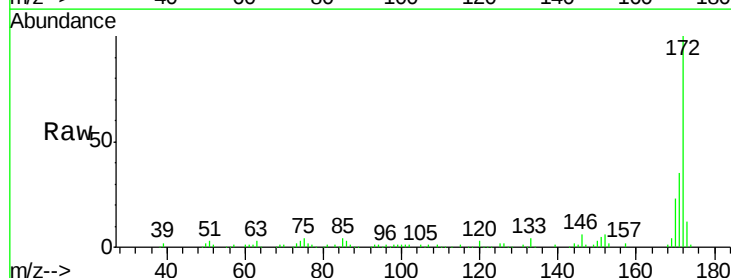
Tgt Ion:172 Resp: 275697

Ion Ratio Lower Upper

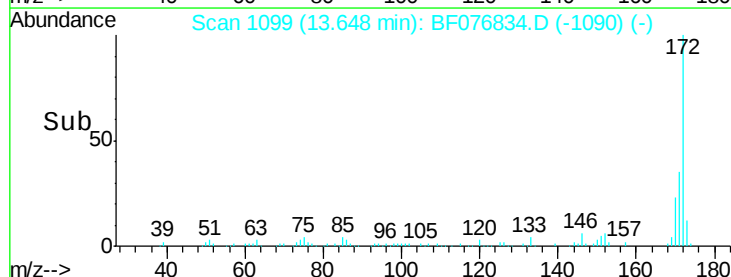
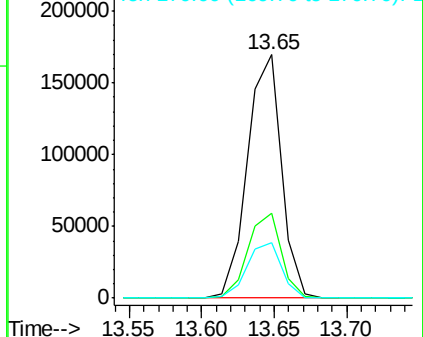
172 100

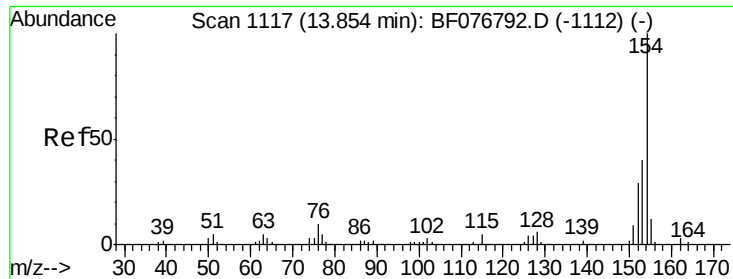
171 34.7 27.8 41.8

170 22.9 18.8 28.2



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

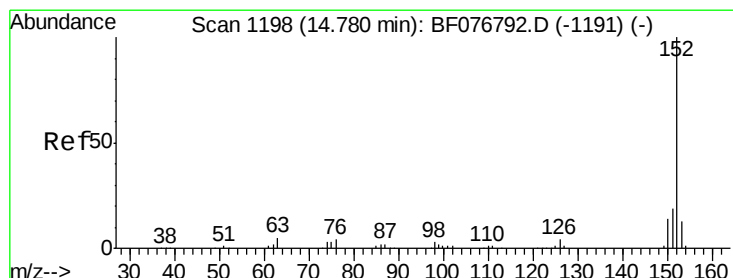
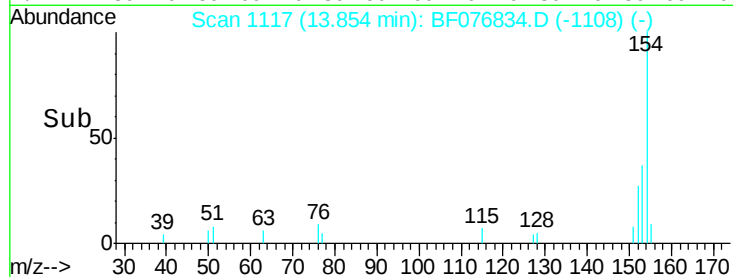
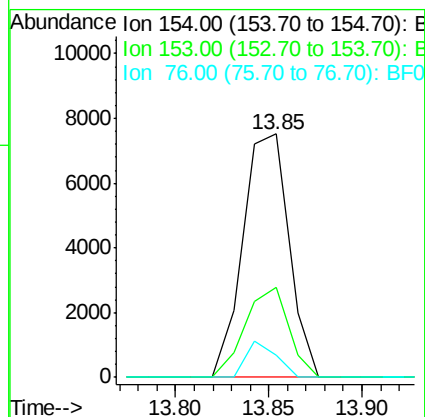
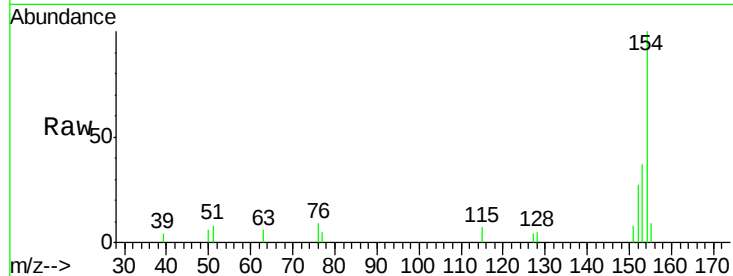




#45
 1,1'-Biphenyl
 Concen: 2.21 ng
 RT: 13.85 min Scan# 1117
 Delta R.T. 0.00 min
 Lab File: BF076834.D
 Acq: 13 Jan 2015 7:37

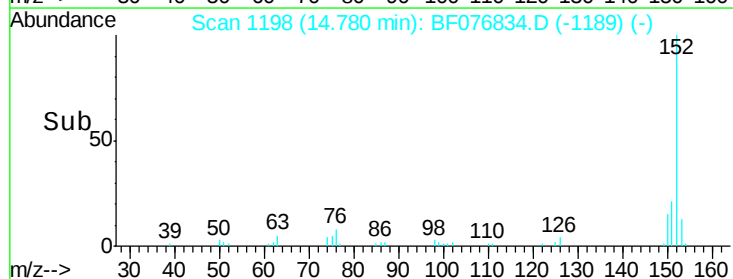
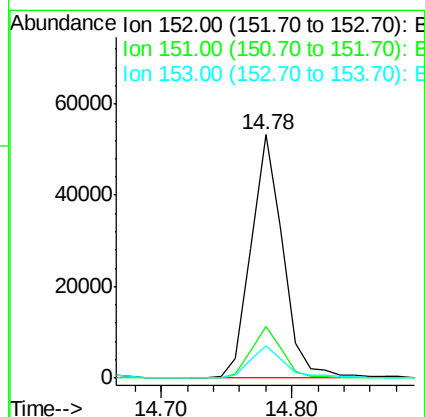
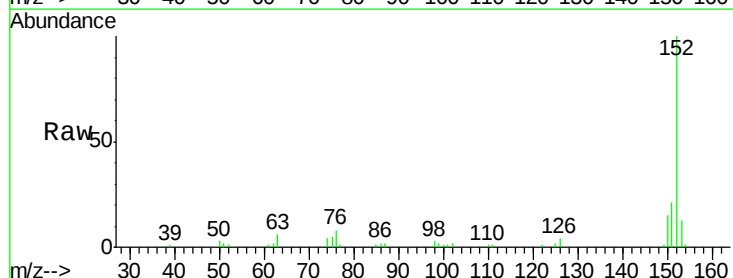
Instrument :
 BNA_F
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 TP5-SS-2(4-6)

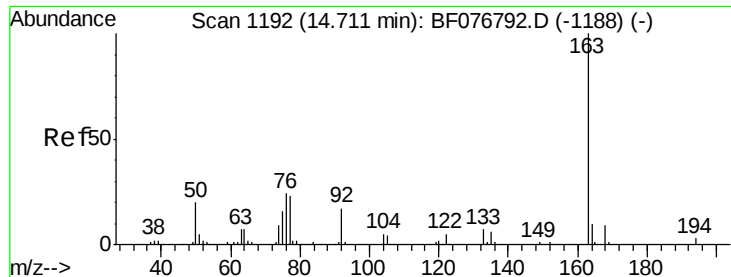
Tot Ion:154	Resp:	12886
Ion	Ratio	Lower Upper
154	100	
153	36.9	19.9 59.9
76	9.0	0.0 29.9



#48
 Acenaphthylene
 Concen: 11.40 ng
 RT: 14.78 min Scan# 1198
 Delta R.T. 0.00 min
 Lab File: BF076834.D
 Acq: 13 Jan 2015 7:37

Tgt Ion:152	Resp:	90749
Ion	Ratio	Lower Upper
152	100	
151	21.1	15.2 22.8
153	13.4	10.5 15.7

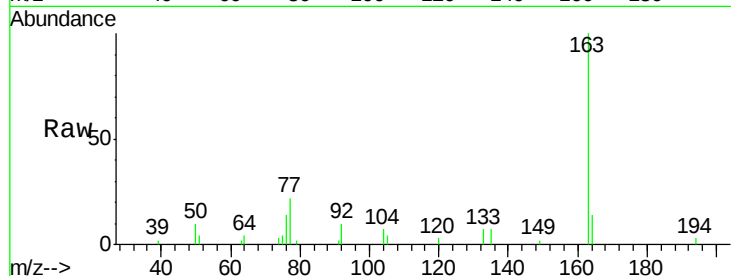




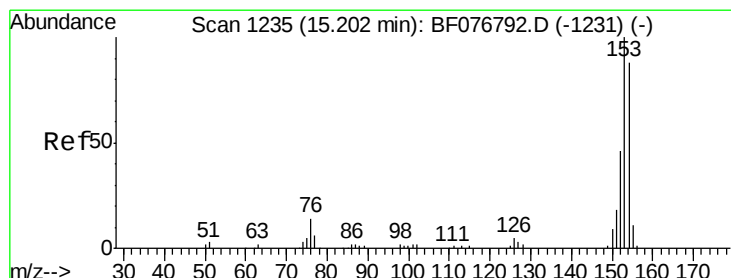
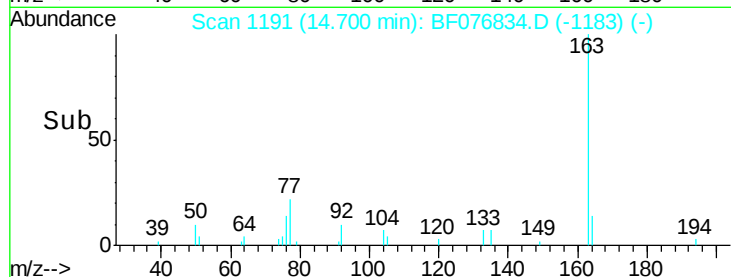
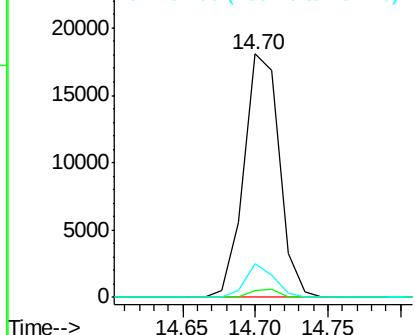
#49
Dimethylphthalate
Concen: 5.59 ng
RT: 14.70 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BF076834.D
Acq: 13 Jan 2015 7:37

Instrument :
BNA_F
ClientSampleId :
TP5-SS-2(4-6)

Tot Ion	163	Resp	30599
Ion Ratio	Lower	Upper	
163	100		
194	3.0	2.3	3.5
164	13.8	8.3	12.5#

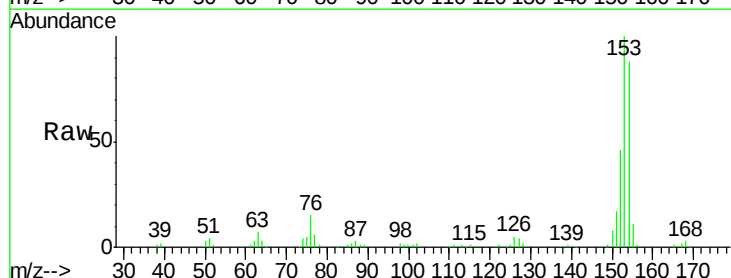


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

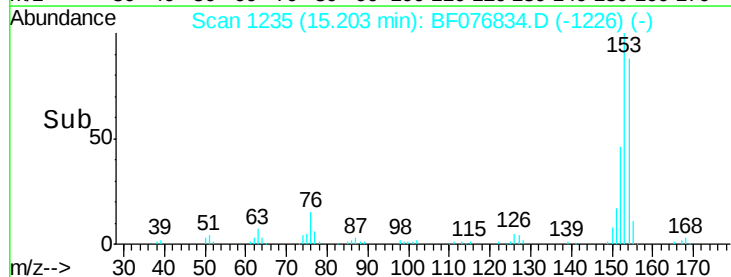
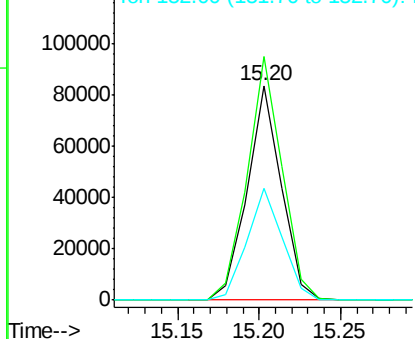


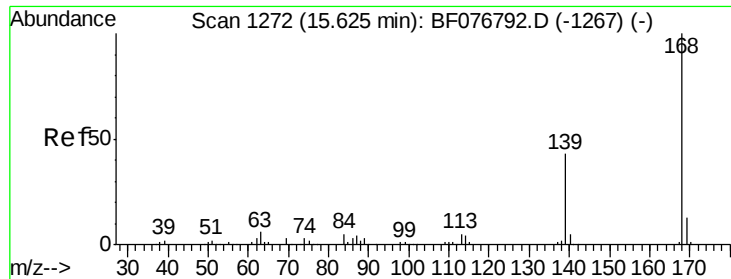
#51
Acenaphthene
Concen: 26.84 ng
RT: 15.20 min Scan# 1235
Delta R.T. 0.00 min
Lab File: BF076834.D
Acq: 13 Jan 2015 7:37

Tgt Ion	154	Resp	120706
Ion Ratio	Lower	Upper	
154	100		
153	113.6	91.0	136.6
152	52.3	42.2	63.2



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

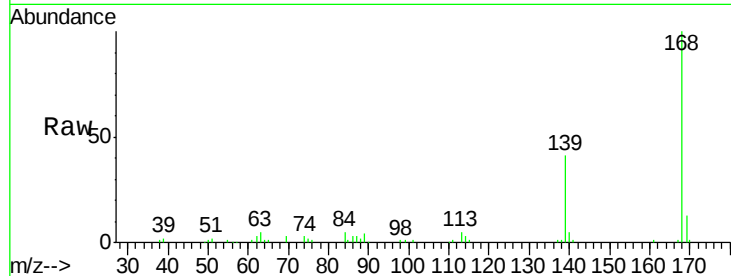




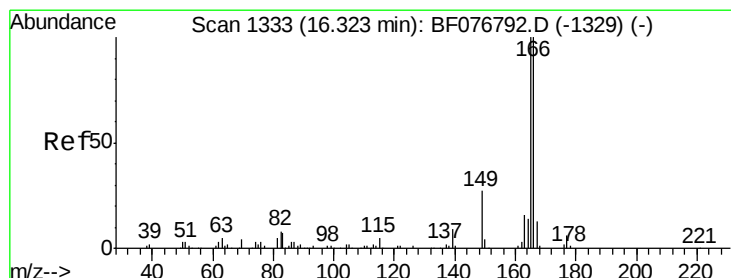
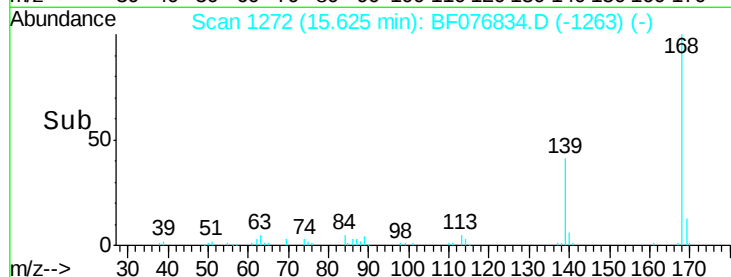
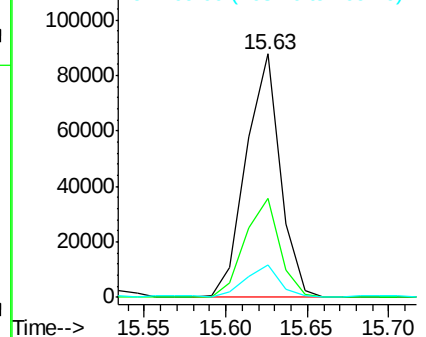
#54
Dibenzenofuran
Concen: 19.60 ng
RT: 15.63 min Scan# 1272
Delta R.T. 0.00 min
Lab File: BF076834.D
Acq: 13 Jan 2015 7:37

Instrument :
BNA_F
ClientSampleId :
TP5-SS-2(4-6)

Tot Ion:168 Resp: 127558
Ion Ratio Lower Upper
168 100
139 40.8 34.2 51.4
169 13.1 10.5 15.7

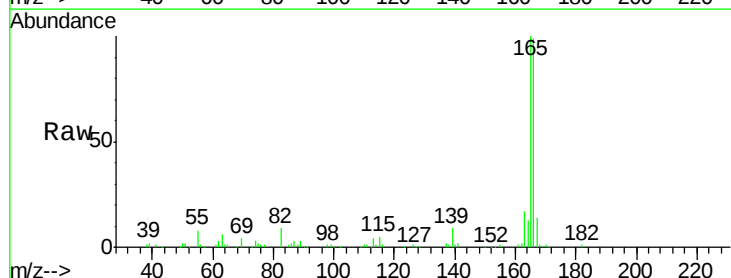


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

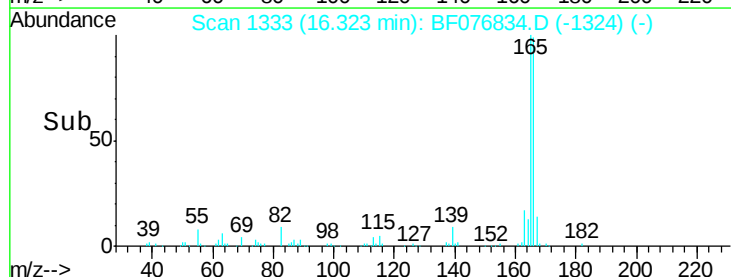
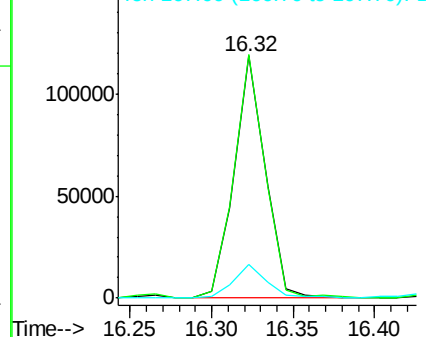


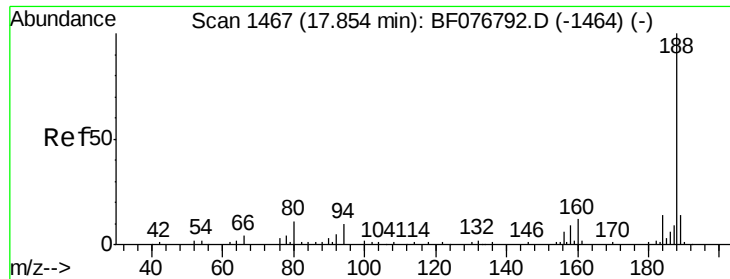
#57
Fluorene
Concen: 28.46 ng
RT: 16.32 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BF076834.D
Acq: 13 Jan 2015 7:37

Tgt Ion:166 Resp: 156335
Ion Ratio Lower Upper
166 100
165 100.6 79.6 119.4
167 13.9 10.2 15.2



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

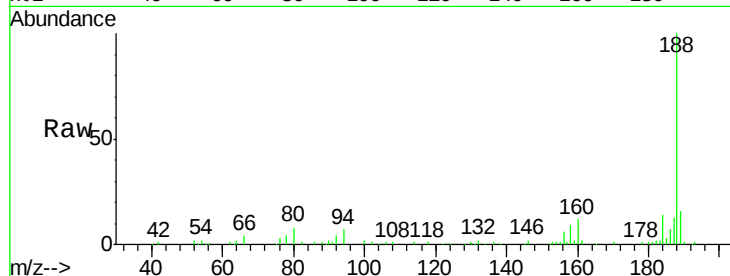




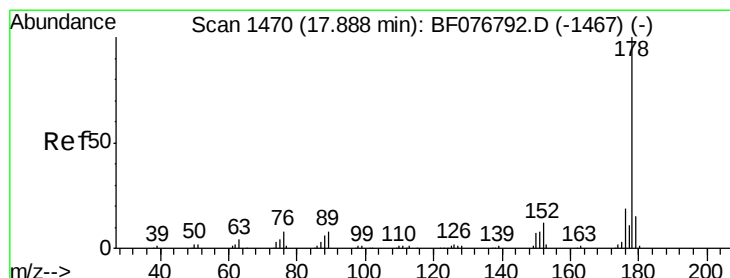
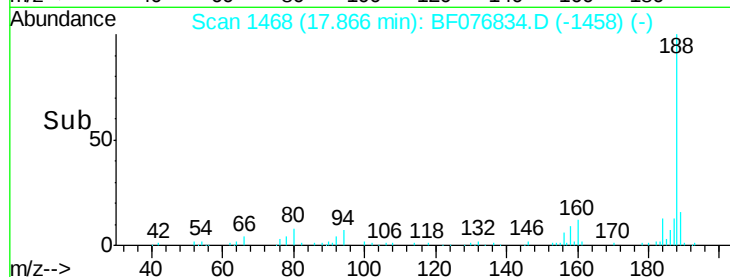
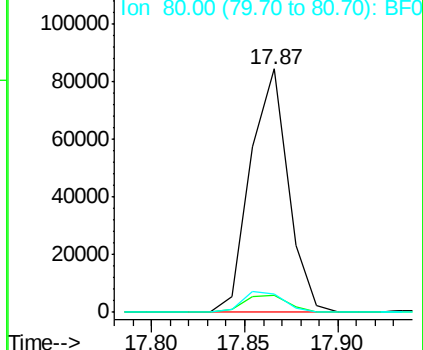
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.87 min Scan# 1468
Delta R.T. 0.01 min
Lab File: BF076834.D
Acq: 13 Jan 2015 7:37

Instrument :
BNA_F
ClientSampleId :
TP5-SS-2(4-6)

Tot Ion:188 Resp: 118677
Ion Ratio Lower Upper
188 100
94 6.9 7.8 11.6#
80 7.7 8.6 13.0#

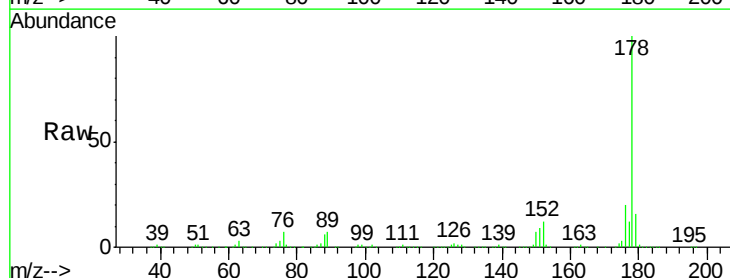


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

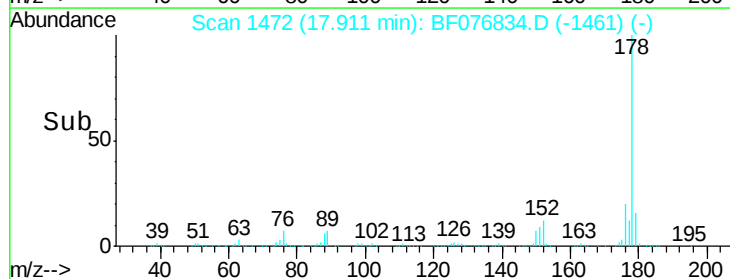
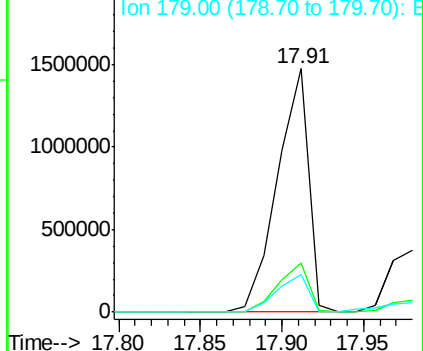


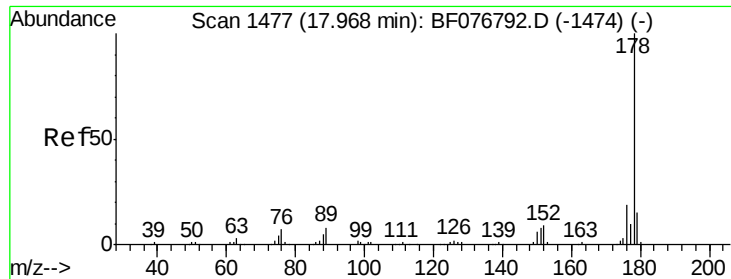
#70
Phenanthrene
Concen: 265.29 ng
RT: 17.91 min Scan# 1472
Delta R.T. 0.02 min
Lab File: BF076834.D
Acq: 13 Jan 2015 7:37

Tgt Ion:178 Resp: 1973474
Ion Ratio Lower Upper
178 100
176 20.2 15.2 22.8
179 15.6 11.8 17.8



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

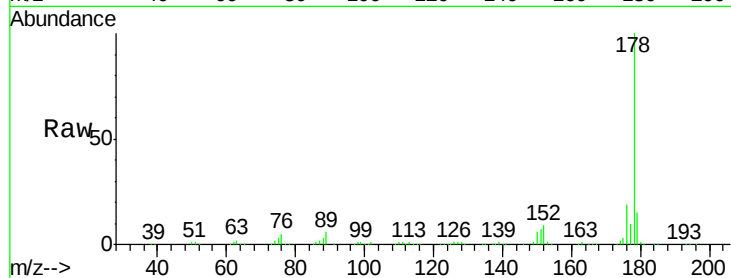




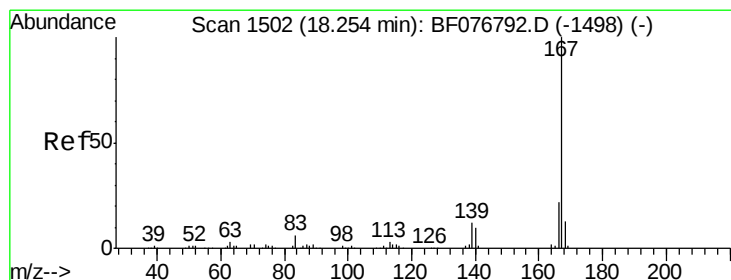
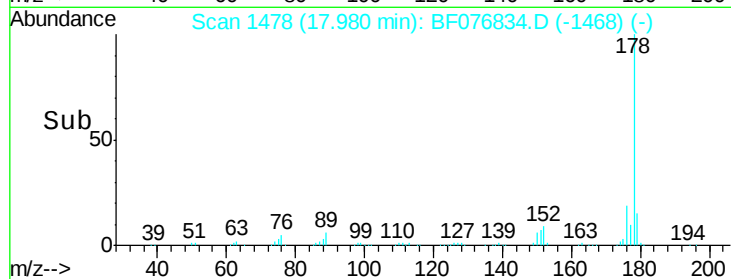
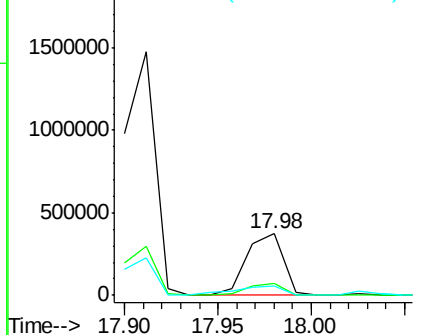
#71
 Anthracene
 Concen: 68.91 ng
 RT: 17.98 min Scan# 1478
 Delta R.T. 0.01 min
 Lab File: BF076834.D
 Acq: 13 Jan 2015 7:37

Instrument :
 BNA_F
 ClientSampleId :
 TP5-SS-2(4-6)

Tot Ion:178 Resp: 506472
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.3 22.9
 179 15.1 12.2 18.4

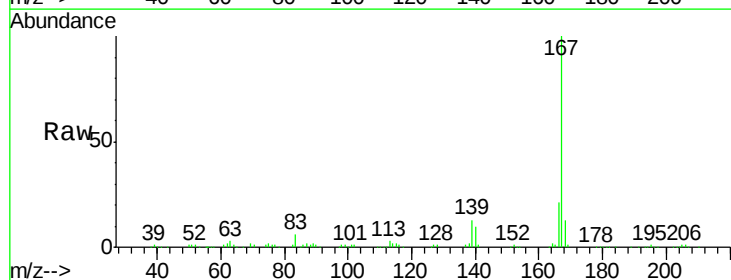


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

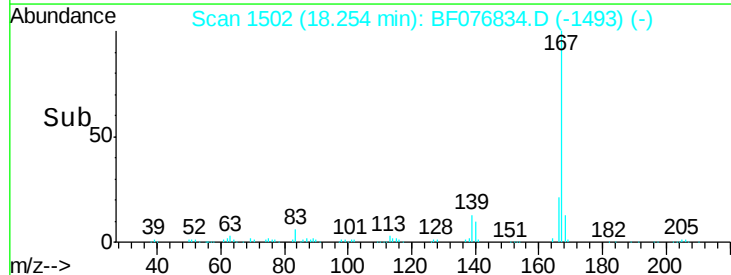
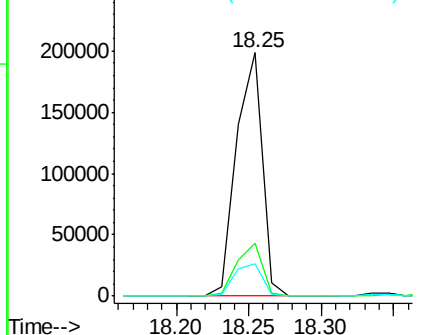


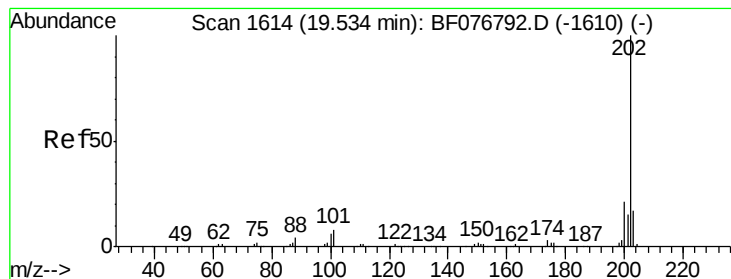
#72
 Carbazole
 Concen: 34.74 ng
 RT: 18.25 min Scan# 1502
 Delta R.T. 0.00 min
 Lab File: BF076834.D
 Acq: 13 Jan 2015 7:37

Tgt Ion:167 Resp: 246556
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.2 25.8
 139 13.3 10.0 15.0



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 322.26 ng

RT: 19.55 min Scan# 1615

Delta R.T. 0.01 min

Lab File: BF076834.D

Acq: 13 Jan 2015 7:37

Instrument :

BNA_F

ClientSampleId :

TP5-SS-2(4-6)

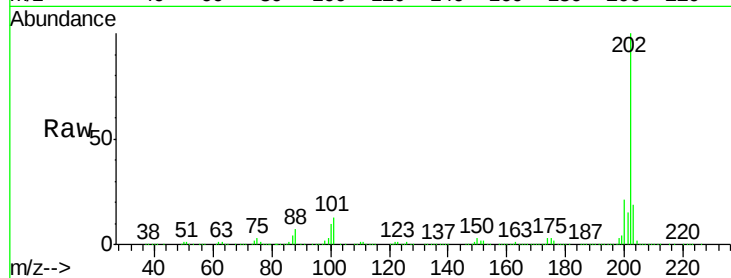
Tot Ion:202 Resp: 2472281

Ion Ratio Lower Upper

202 100

101 12.9 0.0 28.0

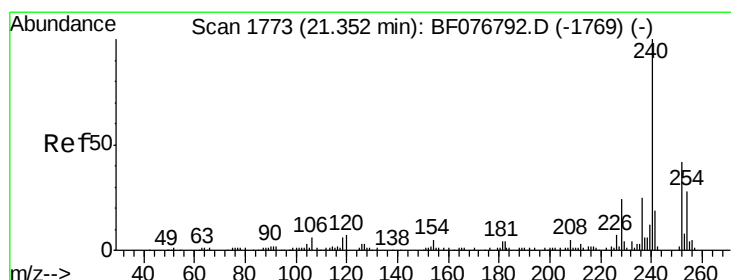
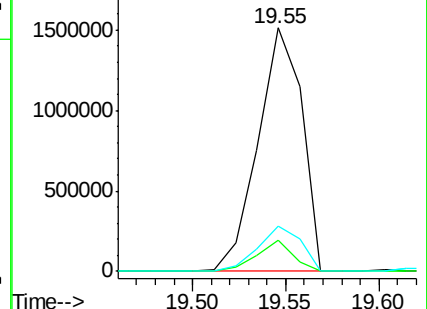
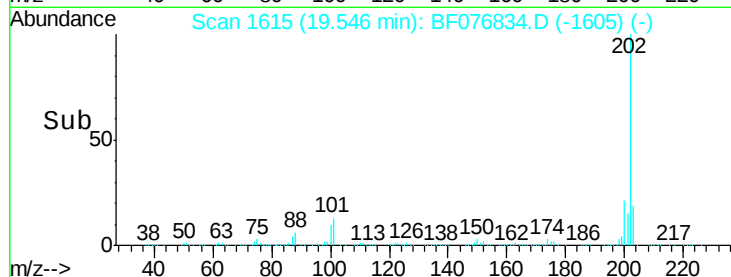
203 18.6 0.0 37.2



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: 21.36 min Scan# 1774

Delta R.T. 0.01 min

Lab File: BF076834.D

Acq: 13 Jan 2015 7:37

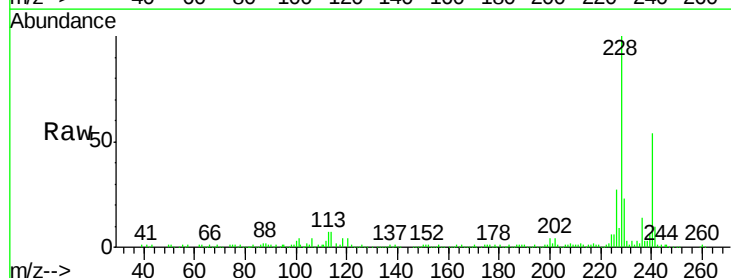
Tgt Ion:240 Resp: 120381

Ion Ratio Lower Upper

240 100

120 8.1 5.7 8.5

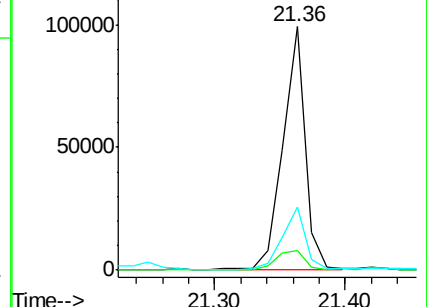
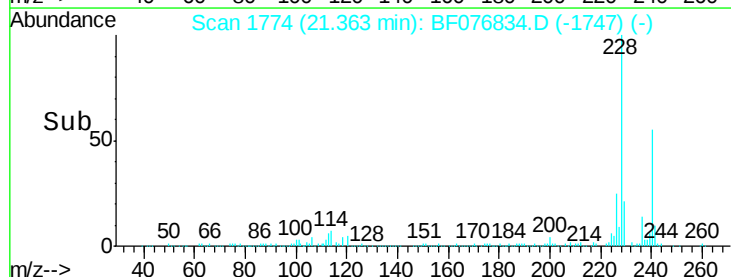
236 26.0 19.7 29.5

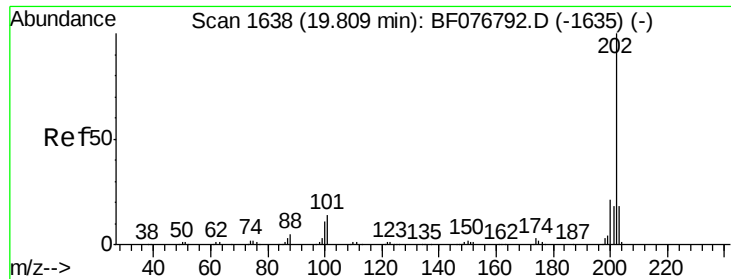


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 206.15 ng

RT: 19.83 min Scan# 1640

Delta R.T. 0.02 min

Lab File: BF076834.D

Acq: 13 Jan 2015 7:37

Instrument :

BNA_F

ClientSampleId :

TP5-SS-2(4-6)

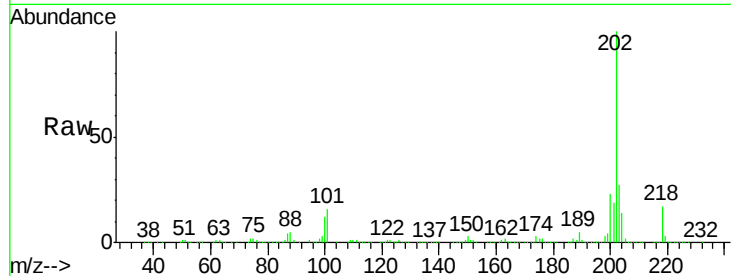
Tot Ion:202 Resp: 1818182

Ion Ratio Lower Upper

202 100

200 22.7 16.6 25.0

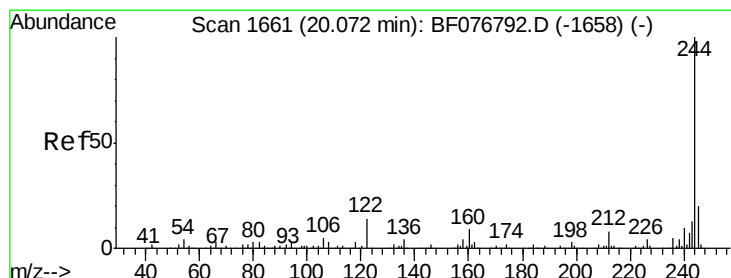
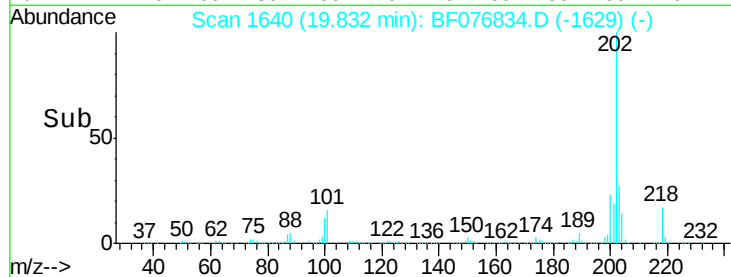
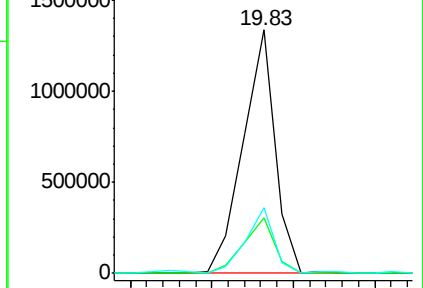
203 26.8 14.6 22.0#



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: 42.93 ng

RT: 20.08 min Scan# 1662

Delta R.T. 0.01 min

Lab File: BF076834.D

Acq: 13 Jan 2015 7:37

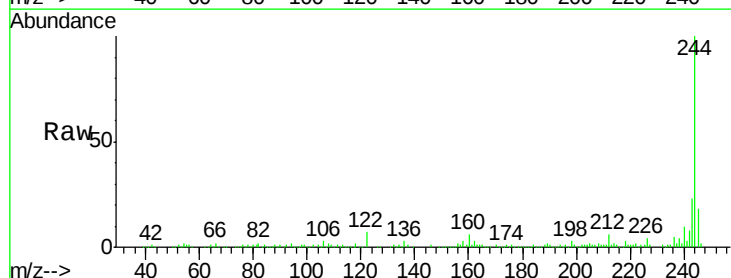
Tgt Ion:244 Resp: 239922

Ion Ratio Lower Upper

244 100

212 6.4 6.2 9.2

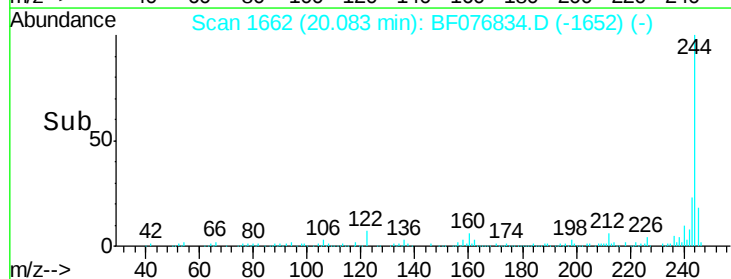
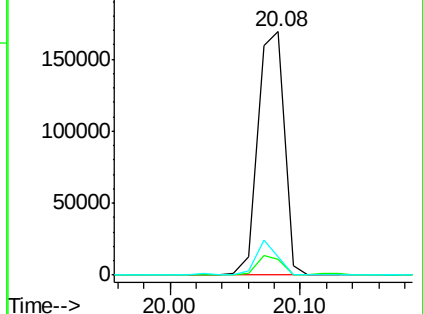
122 7.5 11.3 16.9#

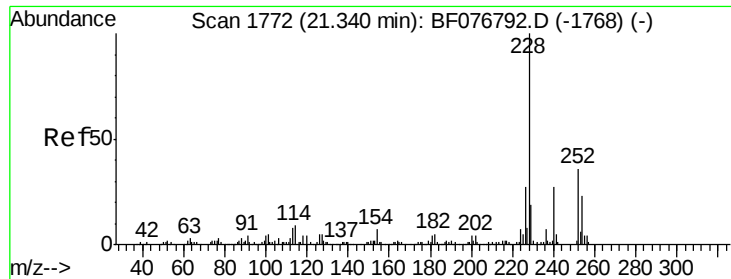


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 145.80 ng

RT: 21.35 min Scan# 1773

Delta R.T. 0.01 min

Lab File: BF076834.D

Acq: 13 Jan 2015 7:37

Instrument :

BNA_F

ClientSampleId :

TP5-SS-2(4-6)

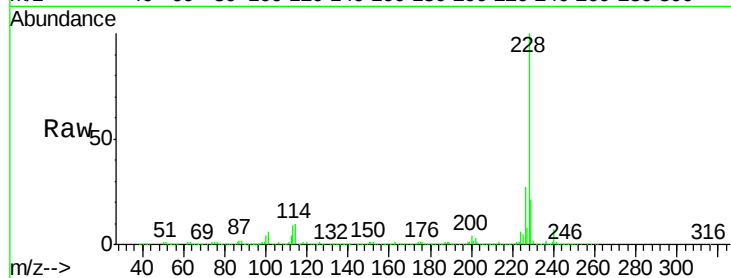
Tot Ion:228 Resp: 1139210

Ion Ratio Lower Upper

228 100

226 27.1 21.4 32.0

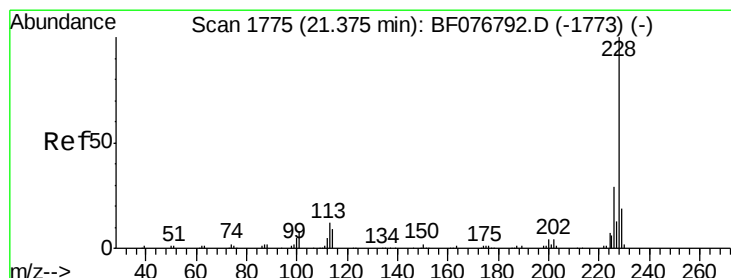
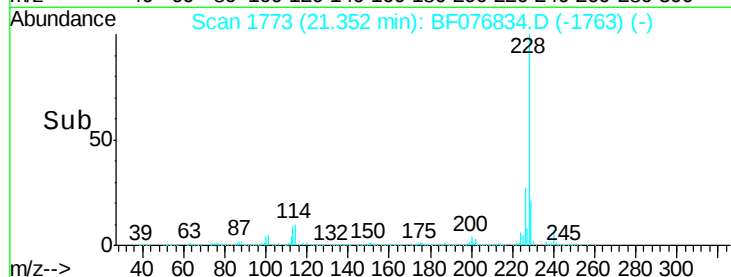
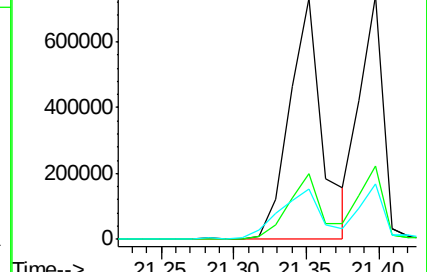
229 20.7 15.0 22.4



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: 119.30 ng m

RT: 21.40 min Scan# 1777

Delta R.T. 0.02 min

Lab File: BF076834.D

Acq: 13 Jan 2015 7:37

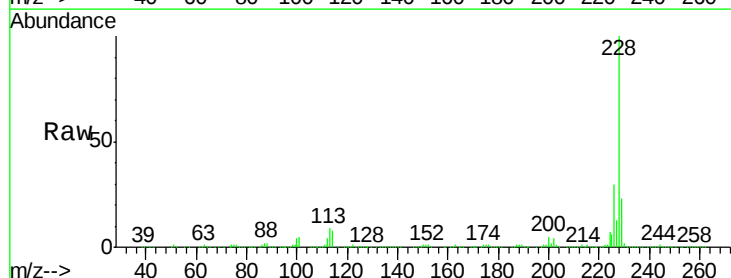
Tgt Ion:228 Resp: 828564

Ion Ratio Lower Upper

228 100

226 30.1 23.3 34.9

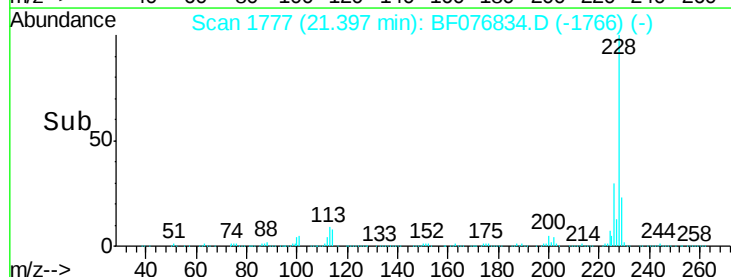
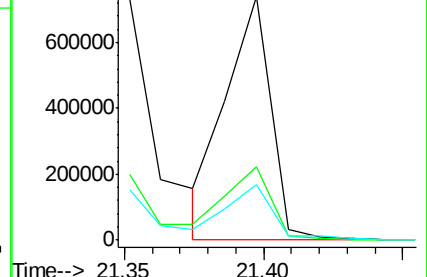
229 22.9 14.6 22.0#

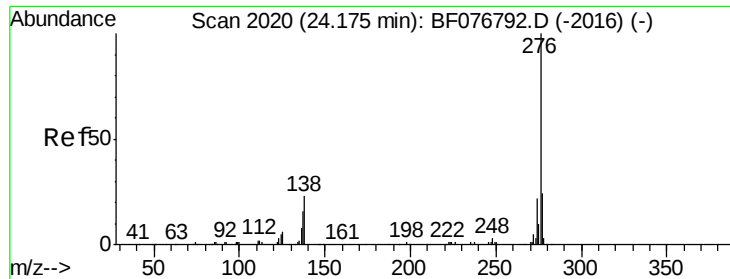


Abundance Ion 228.00 (227.70 to 228.70): E

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: 63.30 ng

RT: 24.20 min Scan# 2022

Delta R.T. 0.02 min

Lab File: BF076834.D

Acq: 13 Jan 2015 7:37

Instrument :

BNA_F

ClientSampleId :

TP5-SS-2(4-6)

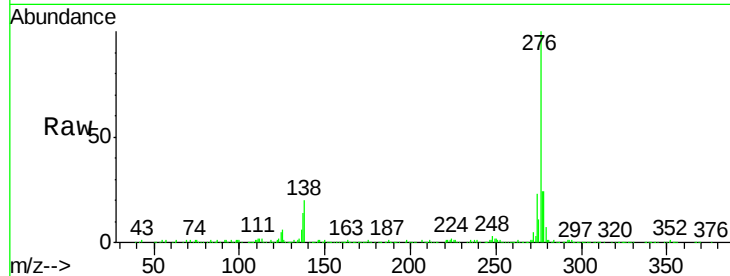
Tot Ion:276 Resp: 457152

Ion Ratio Lower Upper

276 100

138 22.8 0.0 0.0#

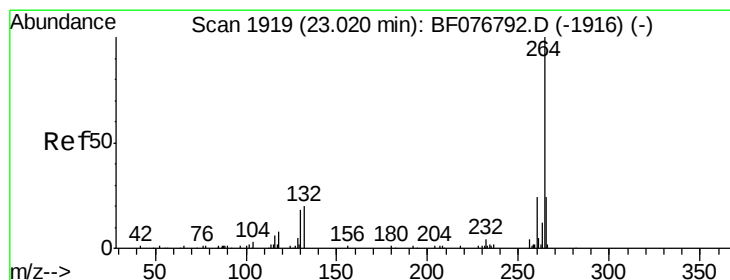
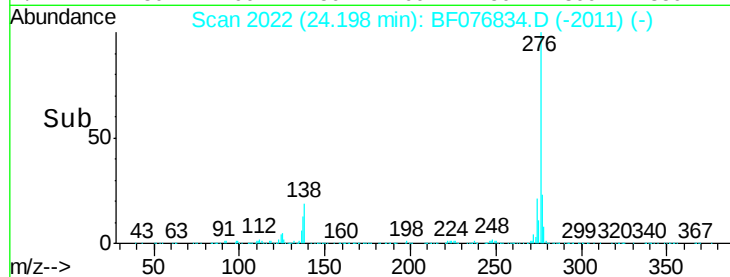
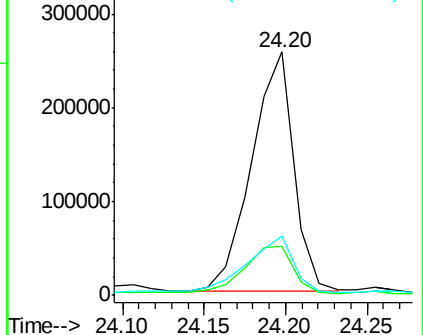
277 26.1 0.0 0.0#



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

Perylene-d12

Concen: 20.00 ng

RT: 23.03 min Scan# 1920

Delta R.T. 0.01 min

Lab File: BF076834.D

Acq: 13 Jan 2015 7:37

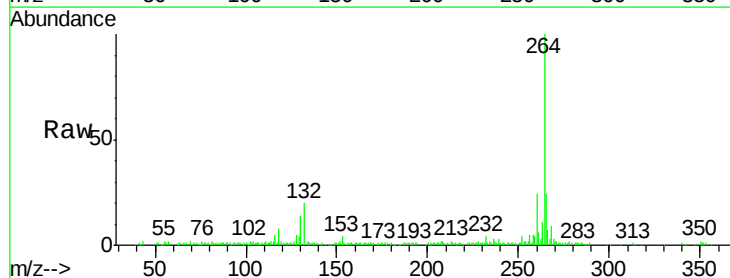
Tgt Ion:264 Resp: 112933

Ion Ratio Lower Upper

264 100

260 24.1 19.4 29.0

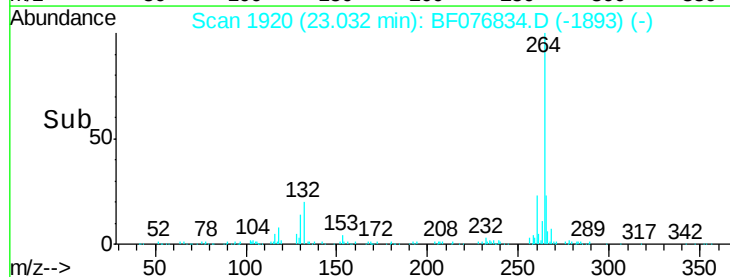
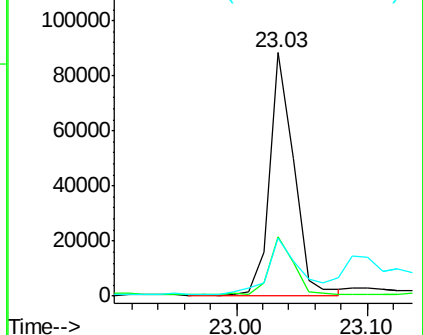
265 23.6 18.9 28.3

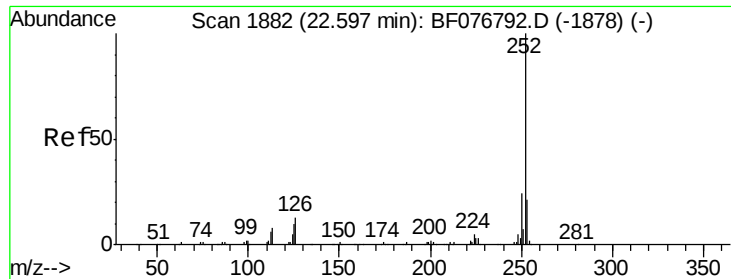


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 150.41 ng m

RT: 22.62 min Scan# 1884

Delta R.T. 0.02 min

Lab File: BF076834.D

Acq: 13 Jan 2015 7:37

Instrument :

BNA_F

ClientSampleId :

TP5-SS-2(4-6)

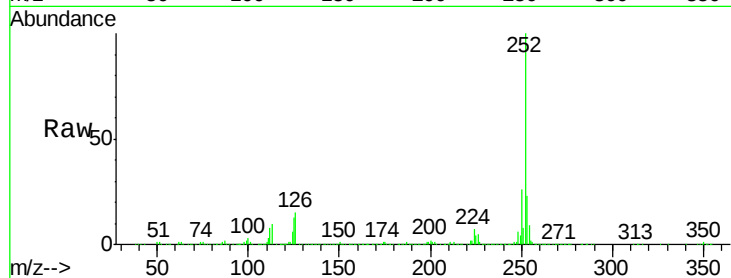
Tot Ion:252 Resp: 1247312

Ion Ratio Lower Upper

252 100

253 23.2 16.6 25.0

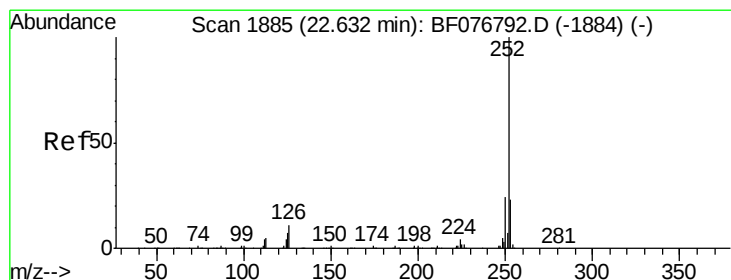
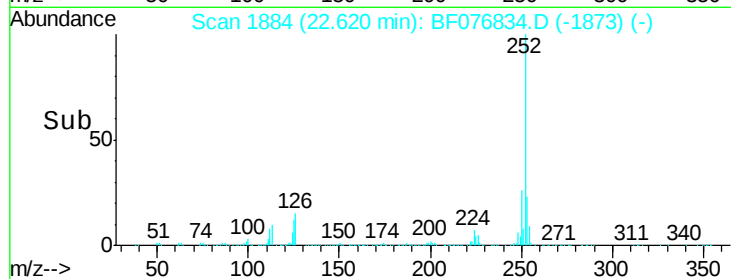
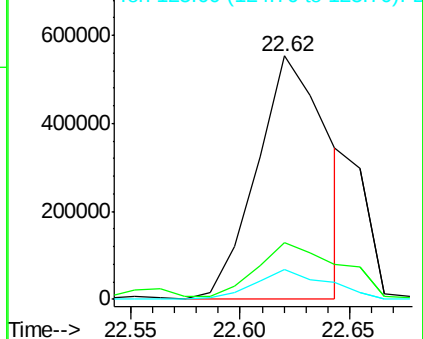
125 12.5 8.1 12.1#



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: 32.94 ng m

RT: 22.64 min Scan# 1886

Delta R.T. 0.01 min

Lab File: BF076834.D

Acq: 13 Jan 2015 7:37

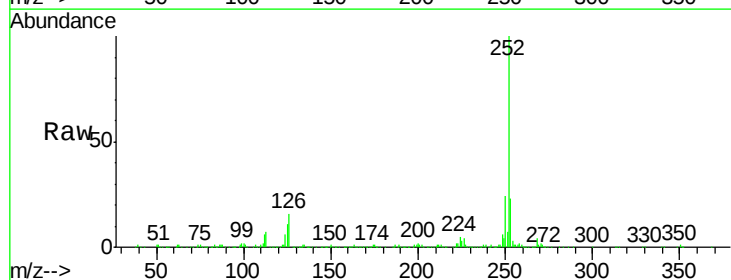
Tgt Ion:252 Resp: 215476

Ion Ratio Lower Upper

252 100

253 23.2 17.7 26.5

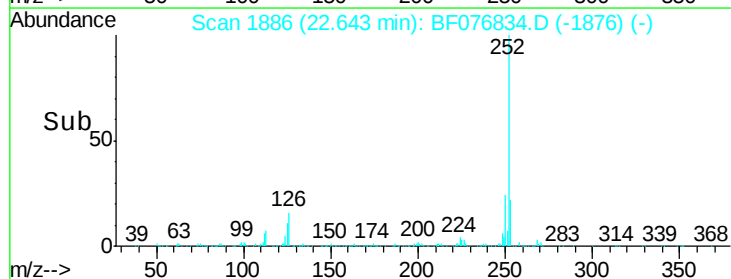
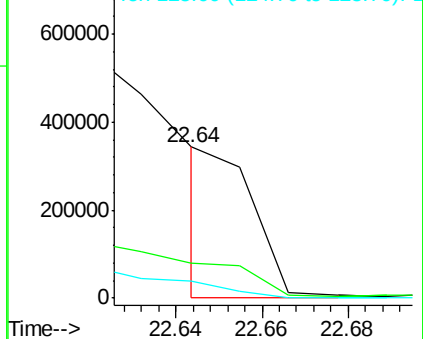
125 11.3 7.5 11.3#

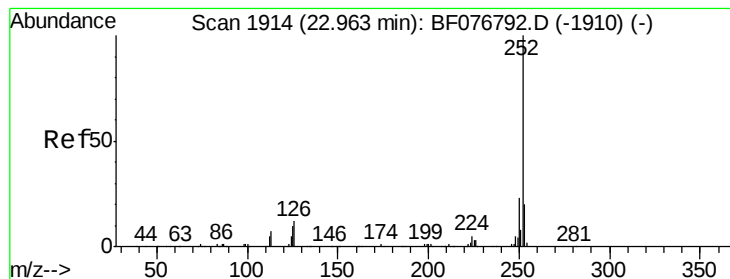


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 113.94 ng

RT: 22.99 min Scan# 1916

Delta R.T. 0.02 min

Lab File: BF076834.D

Acq: 13 Jan 2015 7:37

Instrument :

BNA_F

ClientSampleId :

TP5-SS-2(4-6)

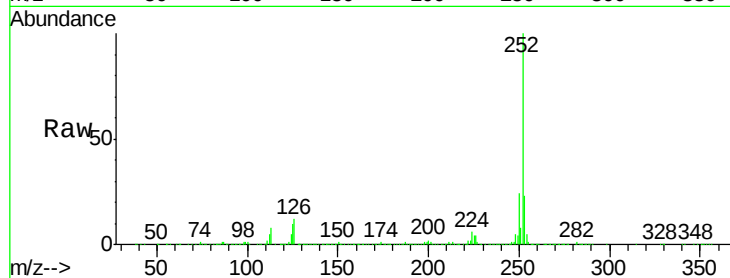
Tot Ion:252 Resp: 782941

Ion Ratio Lower Upper

252 100

253 23.2 16.2 24.4

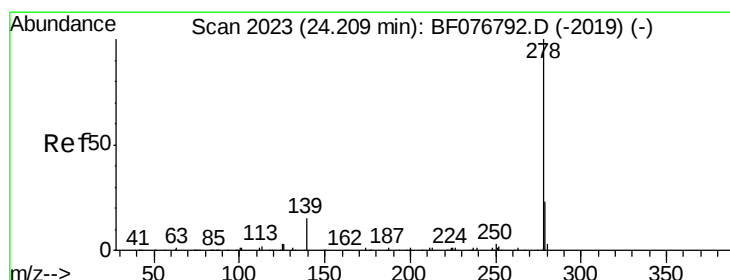
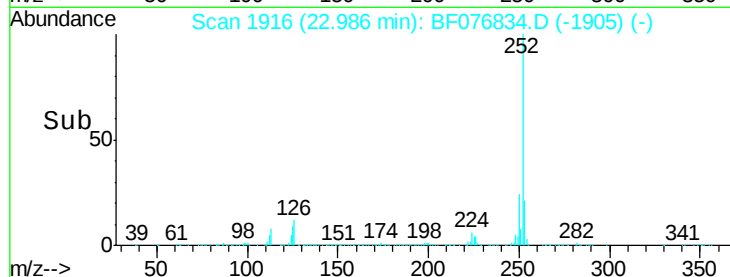
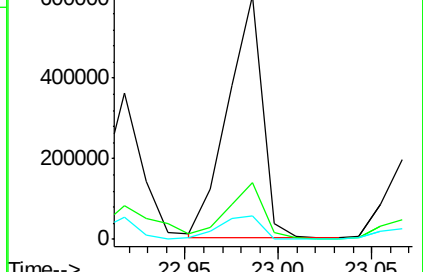
125 9.6 7.8 11.6



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



#90

Dibenzo(a,h)anthracene

Concen: 15.66 ng m

RT: 24.21 min Scan# 2023

Delta R.T. 0.00 min

Lab File: BF076834.D

Acq: 13 Jan 2015 7:37

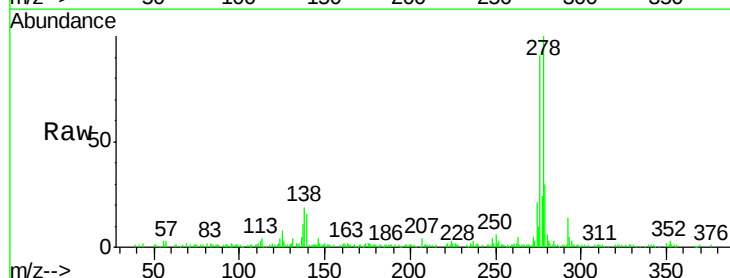
Tgt Ion:278 Resp: 97865

Ion Ratio Lower Upper

278 100

139 15.7 12.2 18.4

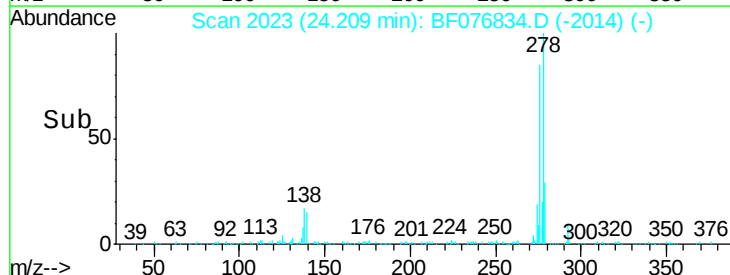
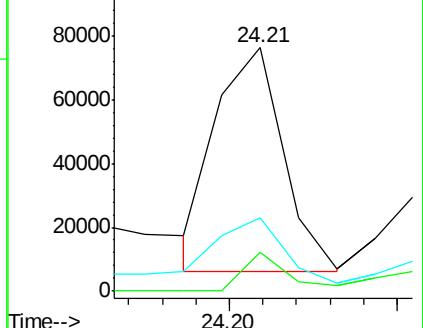
279 30.2 17.9 26.9#

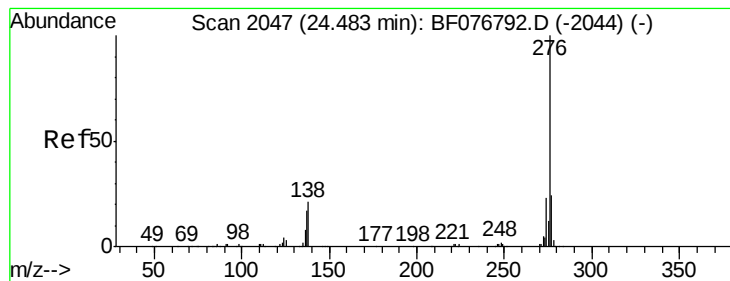


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 65.21 ng

RT: 24.51 min Scan# 2049

Delta R.T. 0.02 min

Lab File: BF076834.D

Acq: 13 Jan 2015 7:37

Instrument :

BNA_F

ClientSampleId :

TP5-SS-2(4-6)

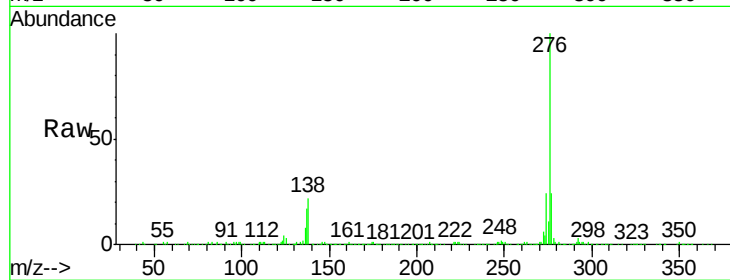
Tot Ion:276 Resp: 414022

Ion Ratio Lower Upper

276 100

277 23.6 19.0 28.6

138 21.6 16.7 25.1



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

