

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020316\
 Data File : BF084810.D
 Acq On : 4 Feb 2016 3:12
 Operator : SJ/IZ
 Sample : H1312-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B036(25-27)

Quant Time: Feb 04 04:09:42 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	181225	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	771696	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	355426	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	627720	20.00	ng	0.00
75) Chrysene-d12	13.84	240	462174	20.00	ng	0.00
86) Perylene-d12	15.21	264	359644	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1011071	86.90	ng	0.00
7) Phenol-d6	6.34	99	1529857	106.06	ng	0.00
23) Nitrobenzene-d5	7.25	82	839488	61.28	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	287470	77.54	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	1503006	66.18	ng	0.00
78) Terphenyl-d14	12.80	244	1282378	62.88	ng	0.00

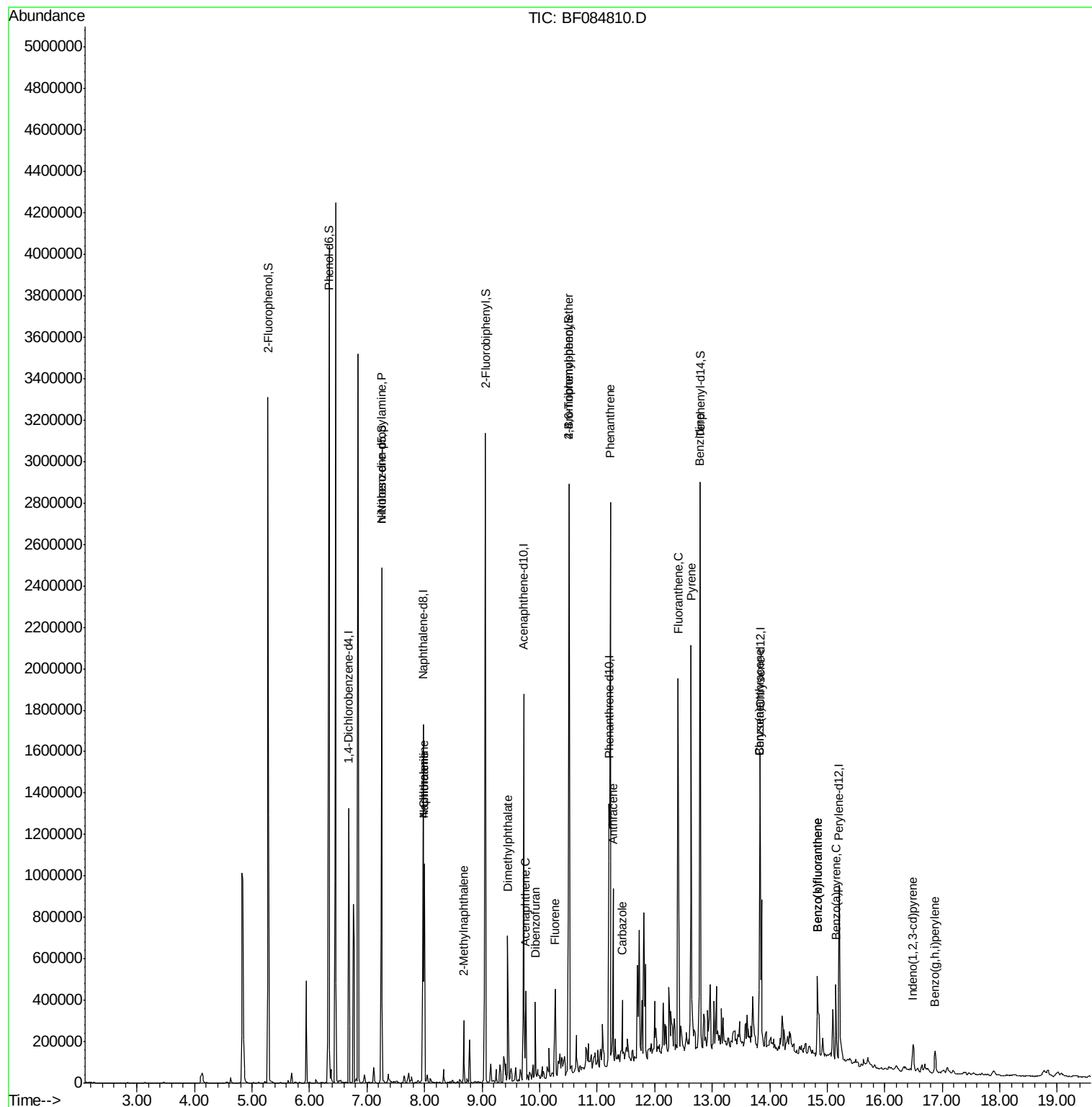
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.25	70	115551	12.78	ng	# 72
31) Naphthalene	8.00	128	505495	13.06	ng	99
33) 4-Chloroaniline	8.00	127	67234	4.20	ng	# 35
37) 2-Methylnaphthalene	8.68	142	86615	3.58	ng	96
49) Dimethylphthalate	9.45	163	318060	11.75	ng	# 90
51) Acenaphthene	9.76	154	96518	4.18	ng	98
54) Dibenzofuran	9.93	168	115018	4.08	ng	98
57) Fluorene	10.27	166	130185	5.53	ng	97
66) 4-Bromophenyl-phenylether	10.51	248	19774	2.85	ng	# 1
70) Phenanthrene	11.23	178	1139722	32.74	ng	98
71) Anthracene	11.28	178	308000	8.78	ng	99
72) Carbazole	11.44	167	103873	3.40	ng	99
74) Fluoranthene	12.41	202	764286	21.69	ng	99
76) Benzidine	12.79	184	18126	7.63	ng	96
77) Pyrene	12.64	202	805390	22.76	ng	99
80) Benzo(a)anthracene	13.83	228	370082	12.90	ng	98
82) Chrysene	13.83	228	370082	13.30	ng	95
85) Indeno(1,2,3-cd)pyrene	16.49	276	78915	3.60	ng	96
87) Benzo(b)fluoranthene	14.83	252	277290	11.48	ng	# 97
88) Benzo(k)fluoranthene	14.83	252	276837	13.86	ng	99
89) Benzo(a)pyrene	15.15	252	164310	7.98	ng	# 97
91) Benzo(g,h,i)perylene	16.88	276	82233	4.71	ng	98

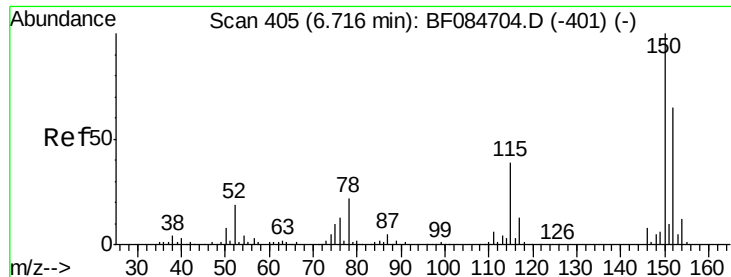
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Feb 03 14:16:01 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 402

Delta R.T. 0.00 min

Lab File: BF084810.D

Acq: 4 Feb 2016 3:12

Instrument :

BNA_F

ClientSampleId :

SUP-B036(25-27)

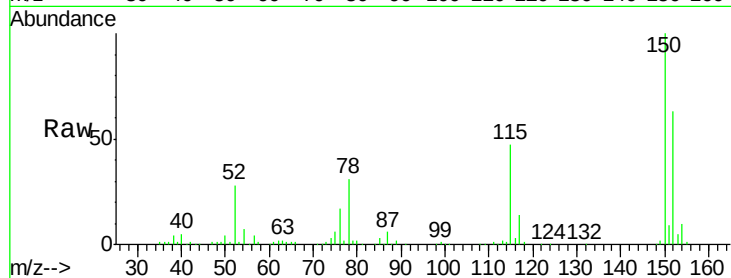
Tgt Ion:152 Resp: 181225

Ion Ratio Lower Upper

152 100

150 157.6 123.0 184.4

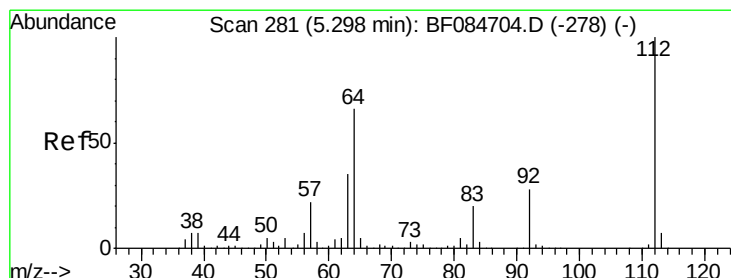
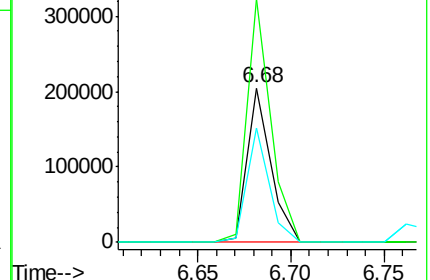
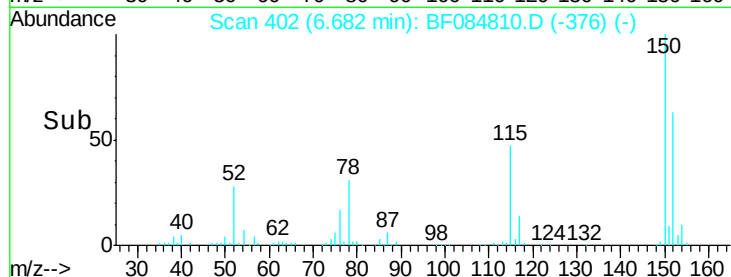
115 73.9 51.4 77.2



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: 86.90 ng

RT: 5.28 min Scan# 279

Delta R.T. 0.00 min

Lab File: BF084810.D

Acq: 4 Feb 2016 3:12

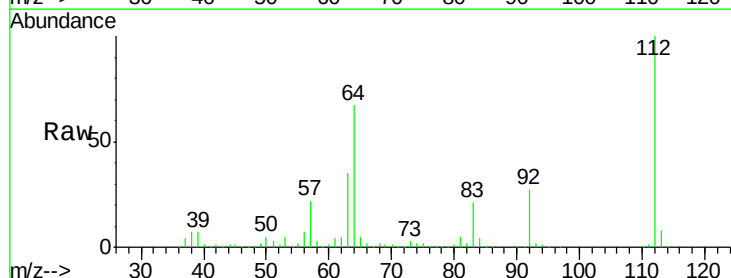
Tgt Ion:112 Resp: 1011071

Ion Ratio Lower Upper

112 100

64 67.0 36.6 55.0#

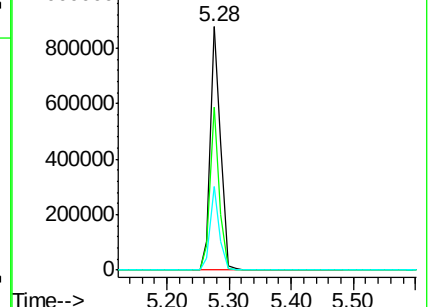
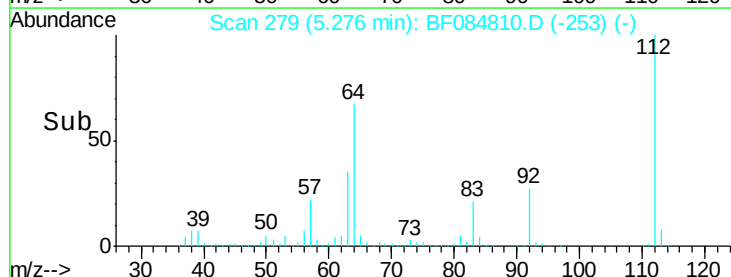
63 34.5 19.4 29.0#

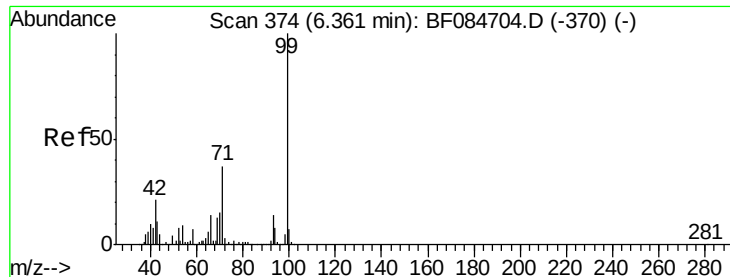


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 106.06 ng

RT: 6.34 min Scan# 372

Delta R.T. 0.00 min

Lab File: BF084810.D

Acq: 4 Feb 2016 3:12

Instrument :

BNA_F

ClientSampleId :

SUP-B036(25-27)

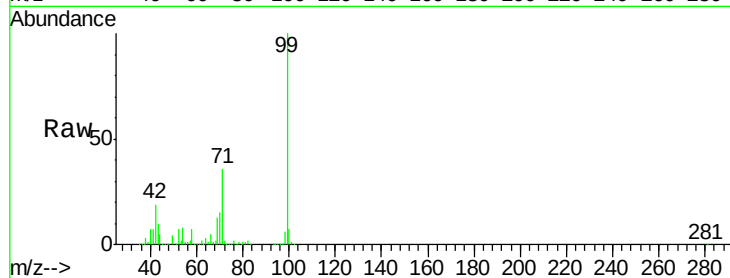
Tgt Ion: 99 Resp: 1529857

Ion	Ratio	Lower	Upper
99	100		
42	19.2	12.8	19.2
71	36.4	30.9	46.3

99 100

42 19.2 12.8 19.2

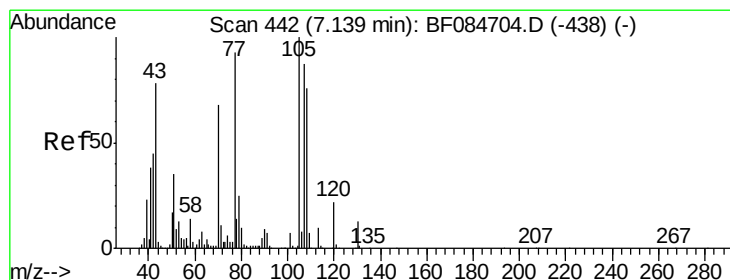
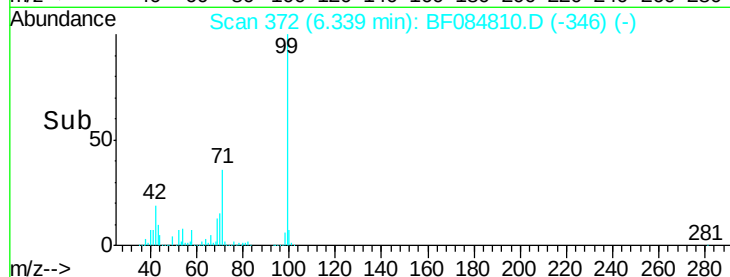
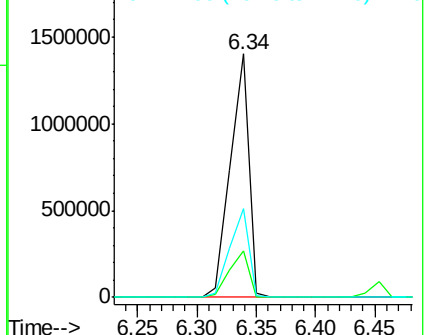
71 36.4 30.9 46.3



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: 12.78 ng

RT: 7.25 min Scan# 452

Delta R.T. 0.14 min

Lab File: BF084810.D

Acq: 4 Feb 2016 3:12

Tgt Ion: 70 Resp: 115551

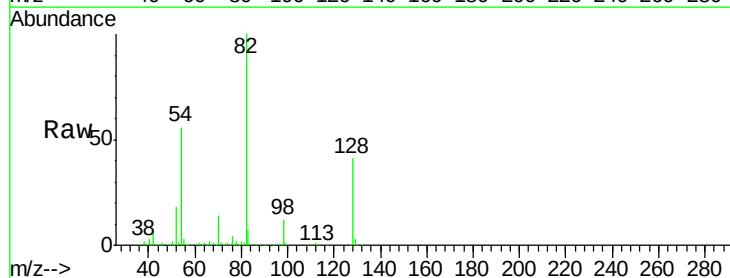
Ion	Ratio	Lower	Upper
70	100		
42	48.8	33.3	49.9
101	0.0	9.3	13.9#
130	1.9	23.4	35.0#

70 100

42 48.8 33.3 49.9

101 0.0 9.3 13.9#

130 1.9 23.4 35.0#

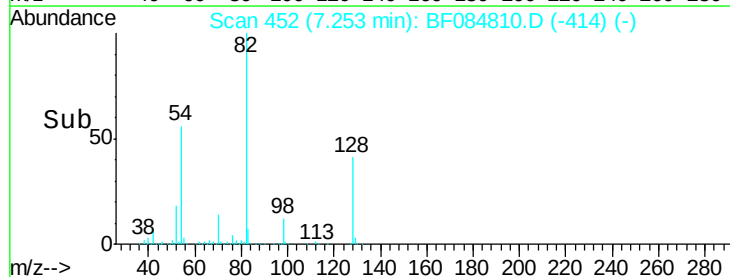
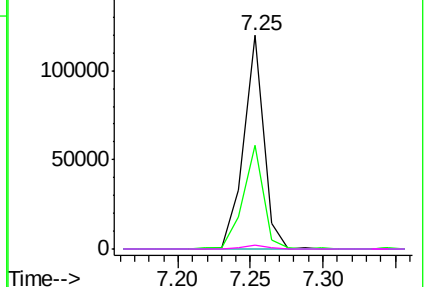


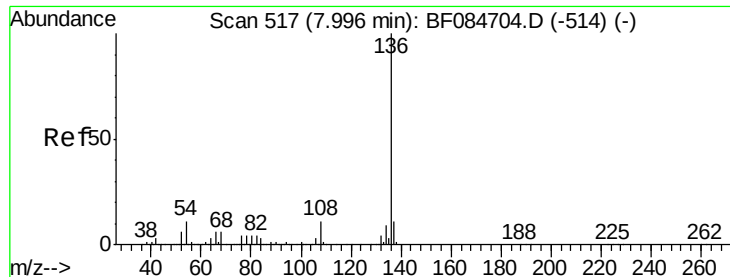
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.97 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF084810.D

Acq: 4 Feb 2016 3:12

Instrument :

BNA_F

ClientSampleId :

SUP-B036(25-27)

Tgt Ion: 136 Resp: 771696

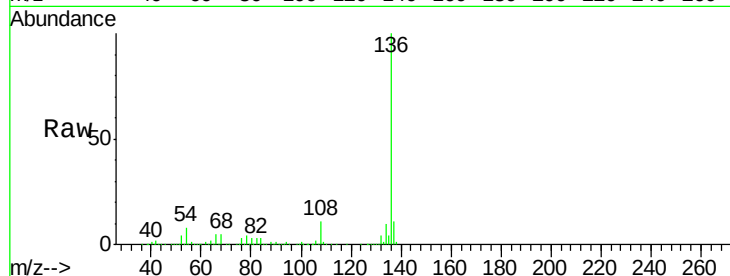
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 7.7 5.8 8.8

68 4.5 4.2 6.2

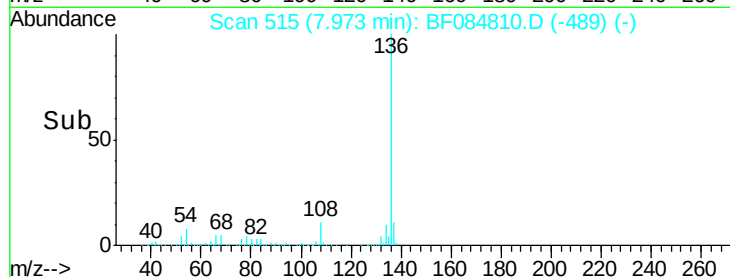


Abundance Ion 136.00 (135.70 to 136.70): E

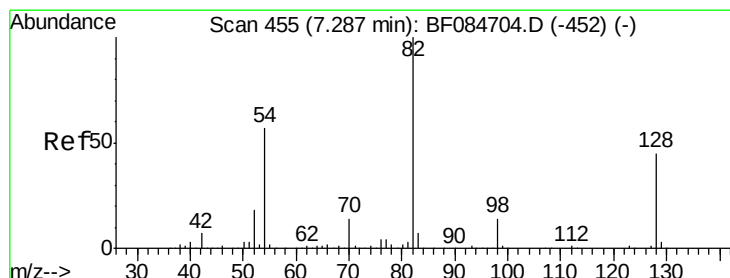
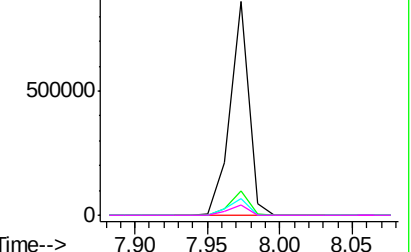
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 61.28 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.01 min

Lab File: BF084810.D

Acq: 4 Feb 2016 3:12

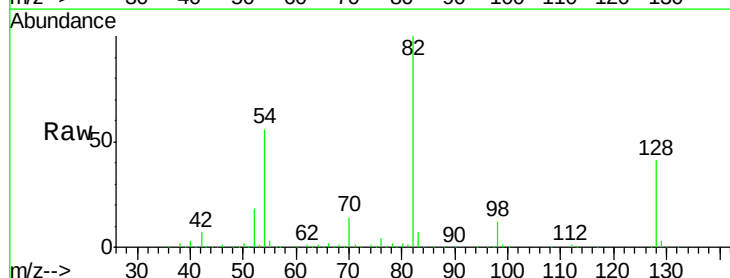
Tgt Ion: 82 Resp: 839488

Ion Ratio Lower Upper

82 100

128 41.1 34.6 51.8

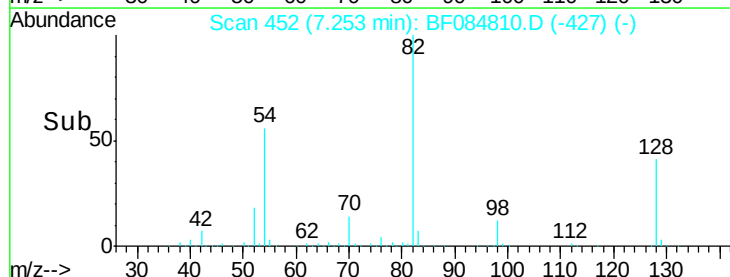
54 56.1 38.4 57.6



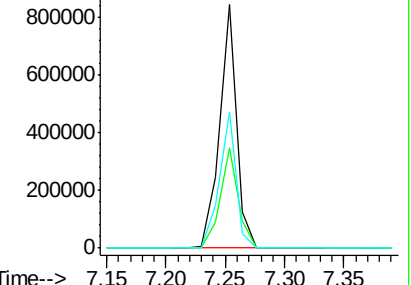
Abundance Ion 82.00 (81.70 to 82.70): BF0

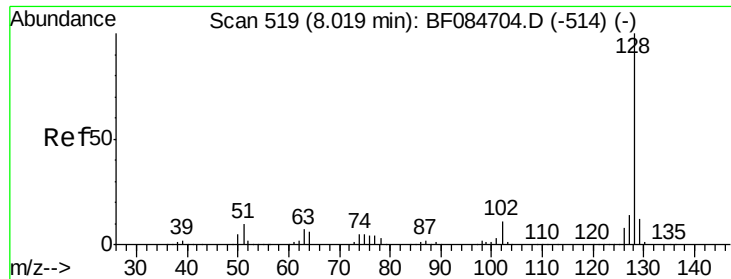
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->

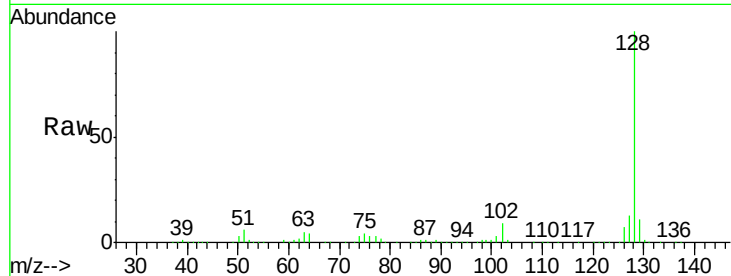




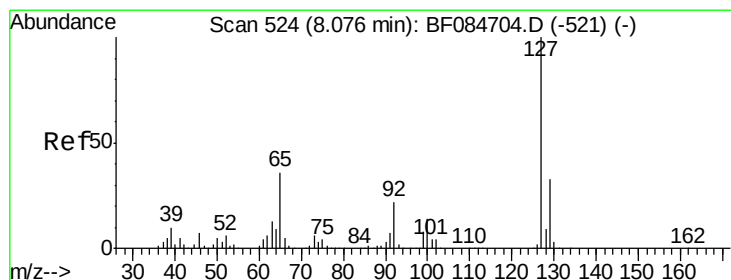
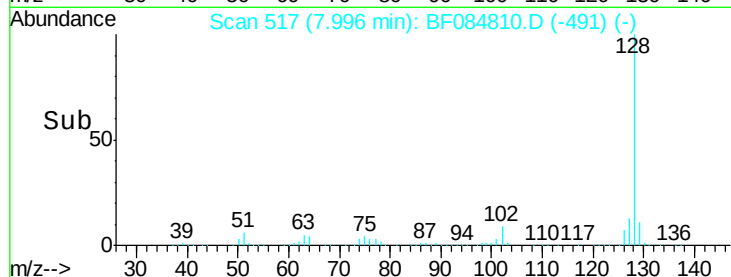
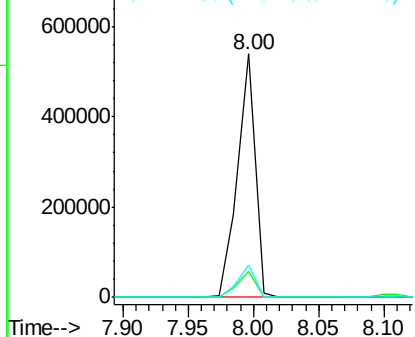
#31
Naphthalene
Concen: 13.06 ng
RT: 8.00 min Scan# 517
Delta R.T. 0.00 min
Lab File: BF084810.D
Acq: 4 Feb 2016 3:12

Instrument :
BNA_F
ClientSampleId :
SUP-B036(25-27)

Tgt Ion:128 Resp: 505495
Ion Ratio Lower Upper
128 100
129 10.8 9.1 13.7
127 13.3 11.1 16.7

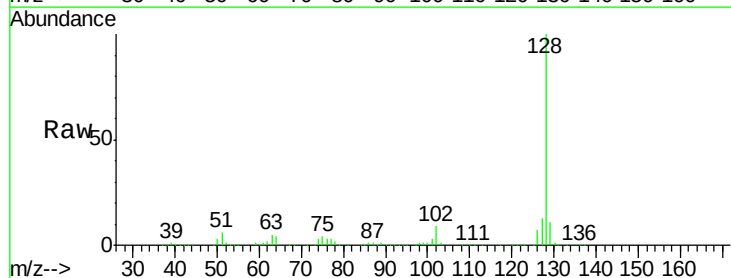


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

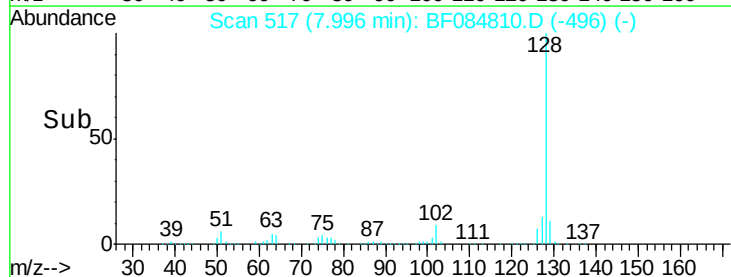
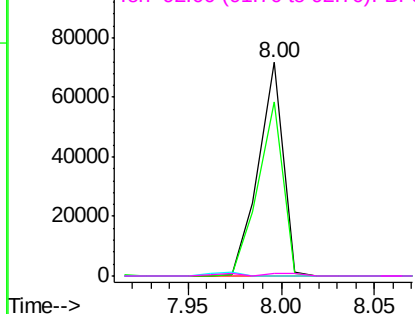


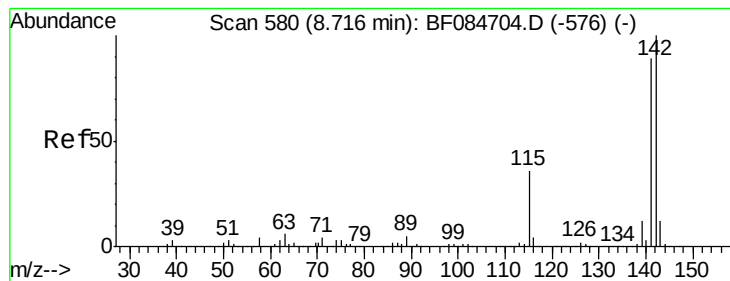
#33
4-Chloroaniline
Concen: 4.20 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.06 min
Lab File: BF084810.D
Acq: 4 Feb 2016 3:12

Tgt Ion:127 Resp: 67234
Ion Ratio Lower Upper
127 100
129 81.5 26.5 39.7#
65 0.0 27.2 40.8#
92 0.9 17.7 26.5#



Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

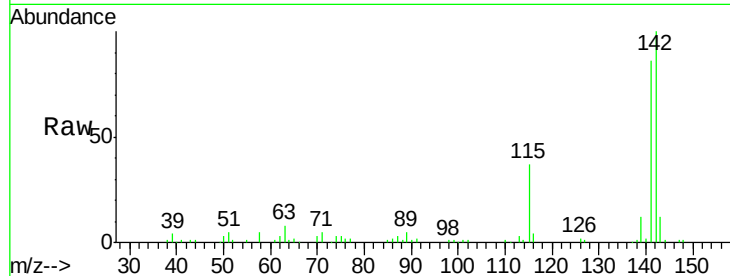




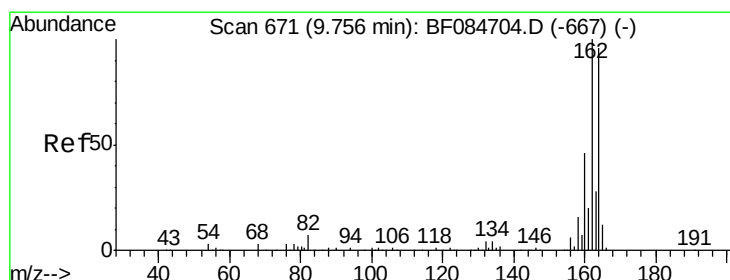
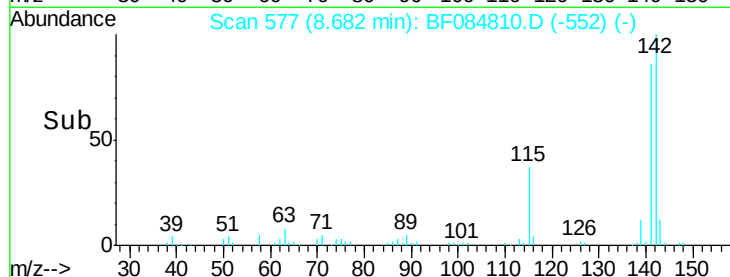
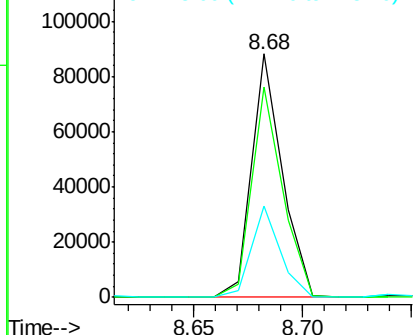
#37
 2-Methylnaphthalene
 Concen: 3.58 ng
 RT: 8.68 min Scan# 577
 Delta R.T. -0.01 min
 Lab File: BF084810.D
 Acq: 4 Feb 2016 3:12

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B036(25-27)

Tgt Ion:142 Resp: 86615
 Ion Ratio Lower Upper
 142 100
 141 86.4 72.4 108.6
 115 37.4 27.9 41.9

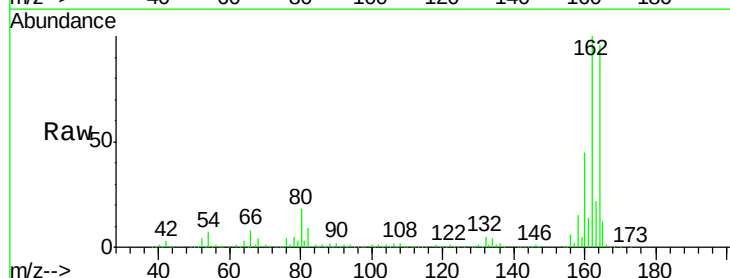


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

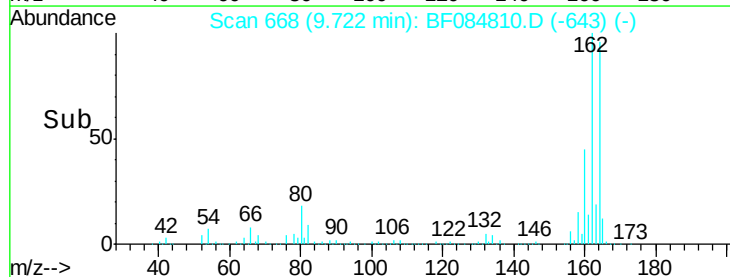
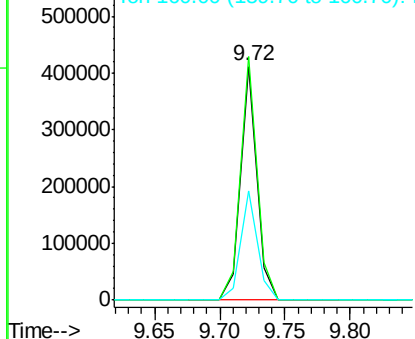


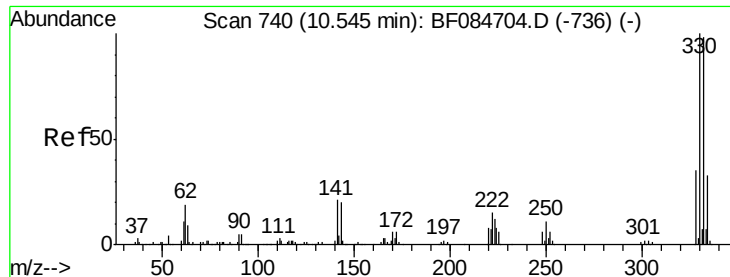
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: BF084810.D
 Acq: 4 Feb 2016 3:12

Tgt Ion:164 Resp: 355426
 Ion Ratio Lower Upper
 164 100
 162 104.2 85.1 127.7
 160 47.0 37.5 56.3



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

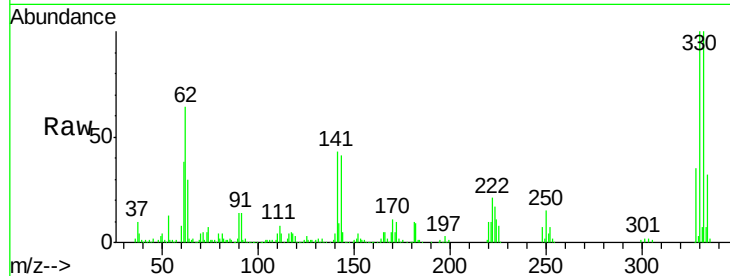




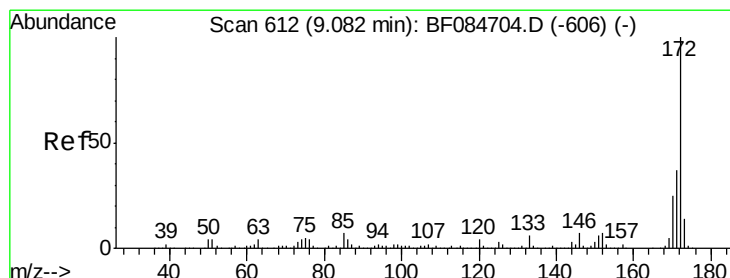
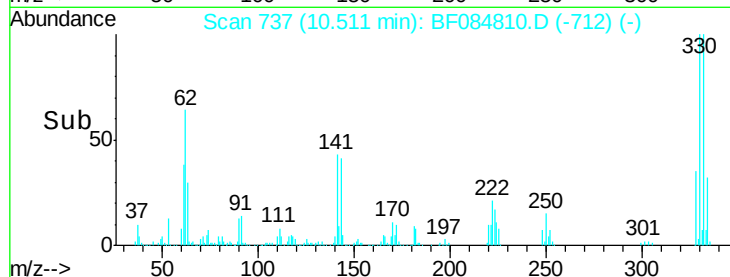
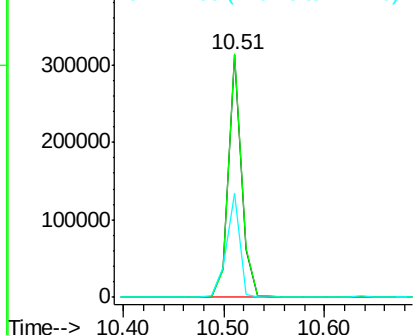
#41
 2,4,6-Tribromophenol
 Concen: 77.54 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.01 min
 Lab File: BF084810.D
 Acq: 4 Feb 2016 3:12

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B036(25-27)

Tgt Ion:330 Resp: 287470
 Ion Ratio Lower Upper
 330 100
 332 100.3 76.6 114.8
 141 44.5 27.8 41.6#

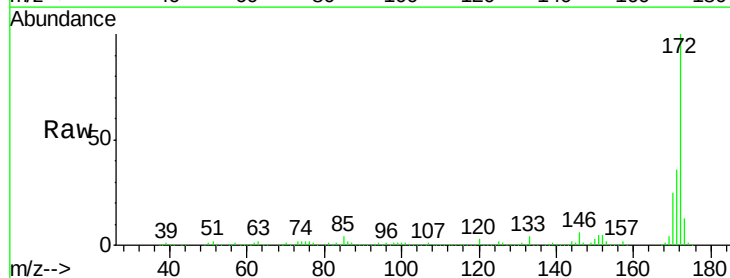


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

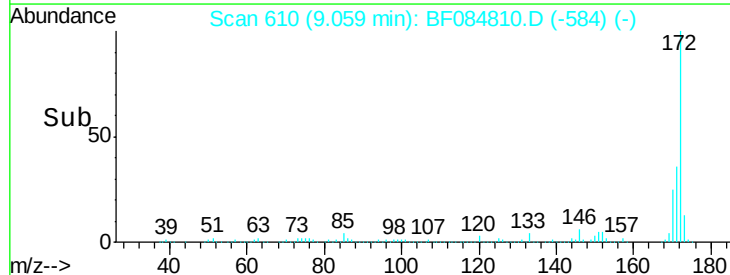
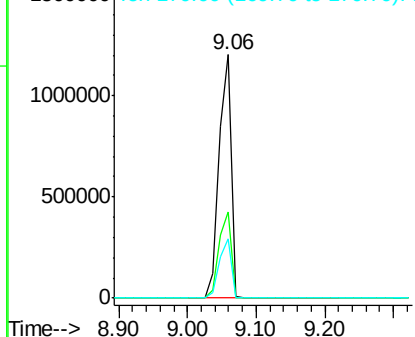


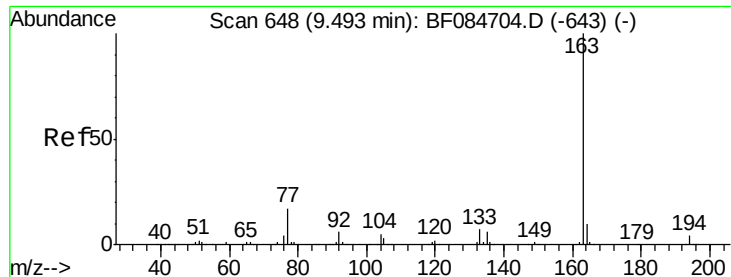
#44
 2-Fluorobiphenyl
 Concen: 66.18 ng
 RT: 9.06 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF084810.D
 Acq: 4 Feb 2016 3:12

Tgt Ion:172 Resp: 1503006
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.9 43.3
 170 24.6 18.6 27.8



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

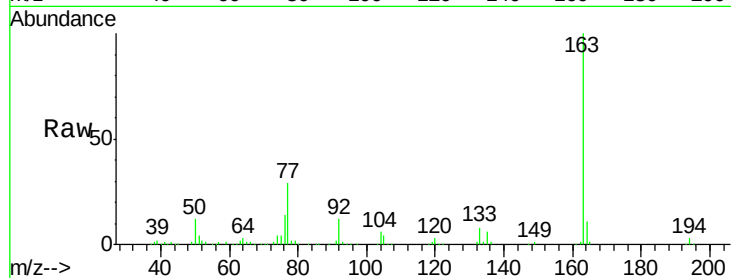




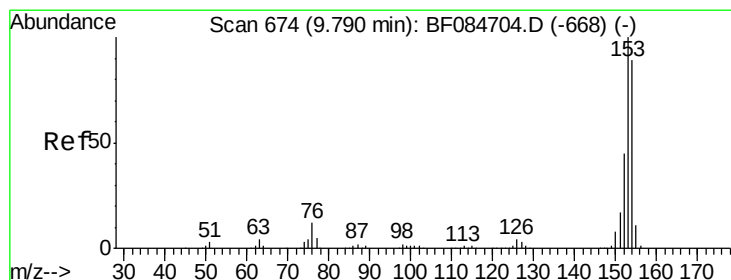
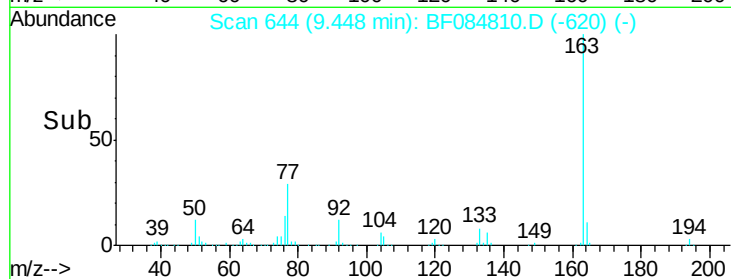
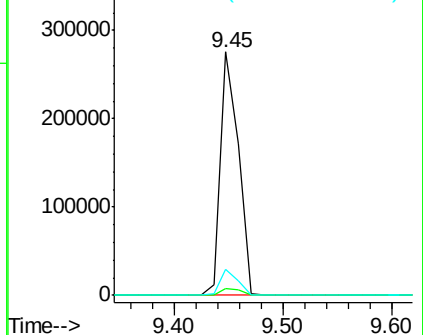
#49
Dimethylphthalate
Concen: 11.75 ng
RT: 9.45 min Scan# 644
Delta R.T. -0.02 min
Lab File: BF084810.D
Acq: 4 Feb 2016 3:12

Instrument :
BNA_F
ClientSampleId :
SUP-B036(25-27)

Tgt Ion:163 Resp: 318060
Ion Ratio Lower Upper
163 100
194 3.0 8.0 12.0#
164 10.6 8.0 12.0

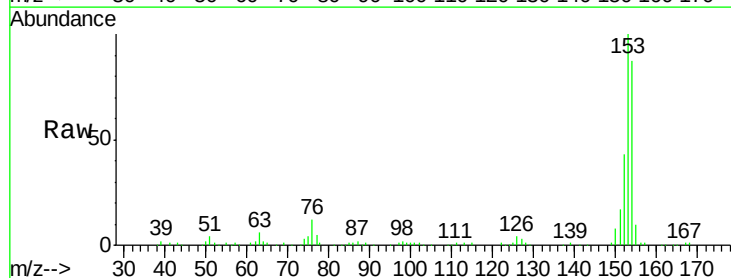


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

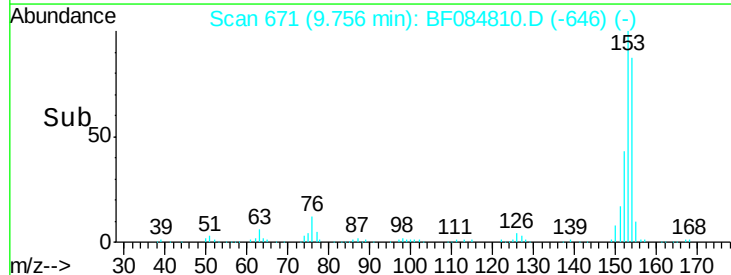
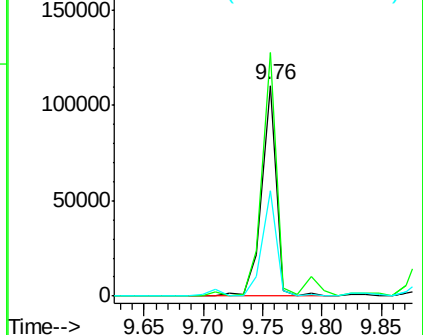


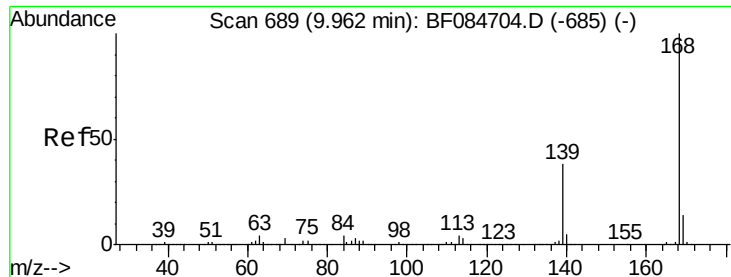
#51
Acenaphthene
Concen: 4.18 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.01 min
Lab File: BF084810.D
Acq: 4 Feb 2016 3:12

Tgt Ion:154 Resp: 96518
Ion Ratio Lower Upper
154 100
153 115.5 91.5 137.3
152 49.7 43.0 64.6



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

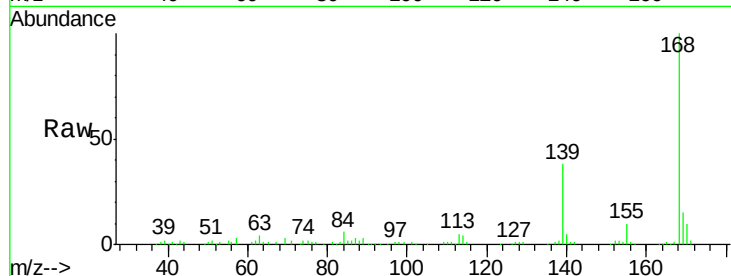




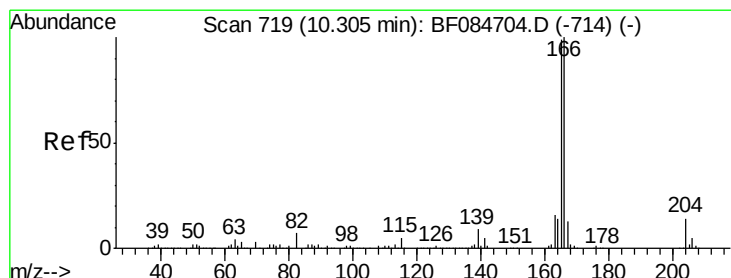
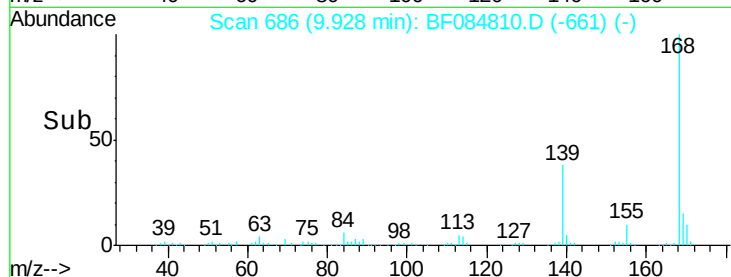
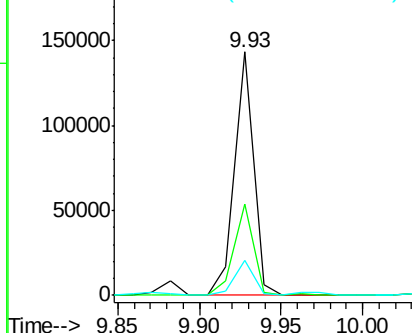
#54
Dibenzofuran
Concen: 4.08 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.01 min
Lab File: BF084810.D
Acq: 4 Feb 2016 3:12

Instrument :
BNA_F
ClientSampleId :
SUP-B036(25-27)

Tgt Ion:168 Resp: 115018
Ion Ratio Lower Upper
168 100
139 37.5 30.5 45.7
169 14.6 10.4 15.6

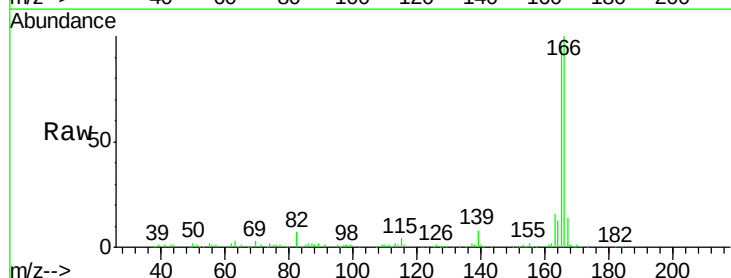


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

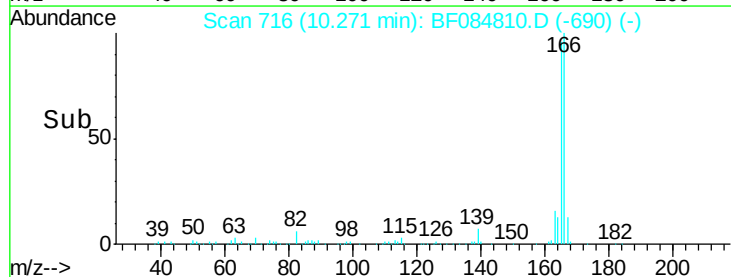
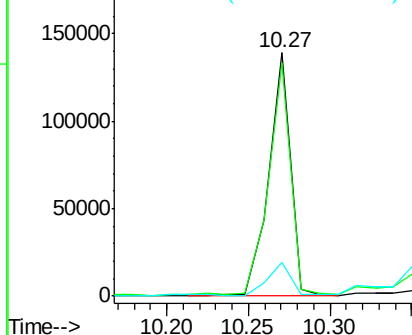


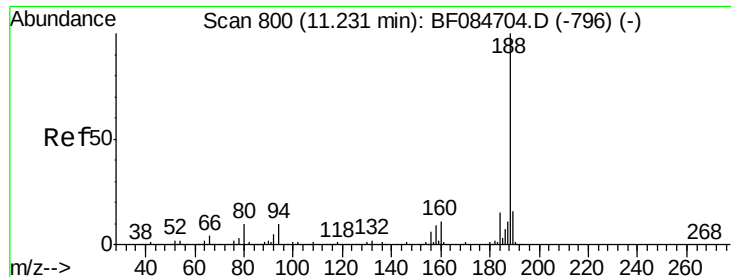
#57
Fluorene
Concen: 5.53 ng
RT: 10.27 min Scan# 716
Delta R.T. 0.00 min
Lab File: BF084810.D
Acq: 4 Feb 2016 3:12

Tgt Ion:166 Resp: 130185
Ion Ratio Lower Upper
166 100
165 95.9 79.1 118.7
167 13.6 10.4 15.6



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

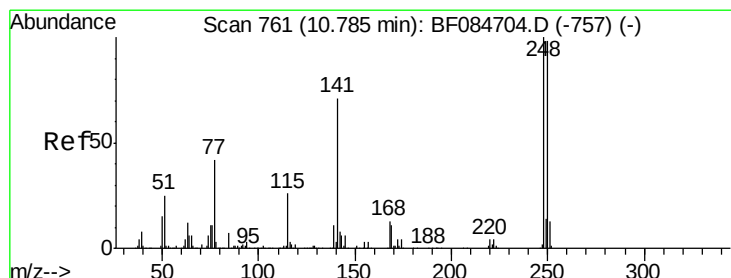
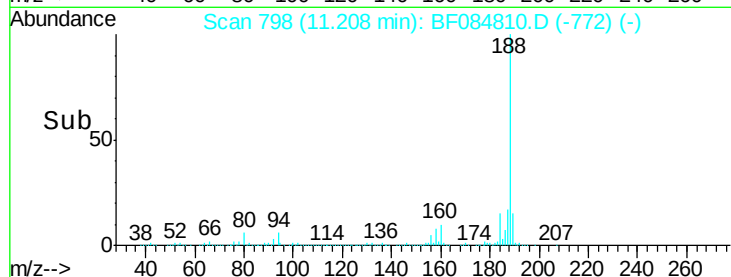
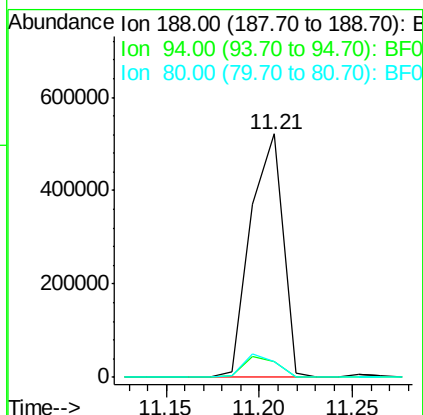
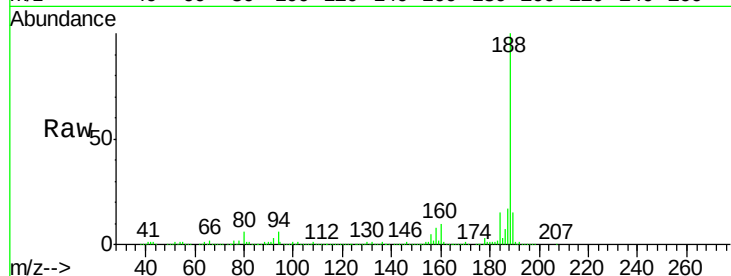




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 798
Delta R.T. 0.00 min
Lab File: BF084810.D
Acq: 4 Feb 2016 3:12

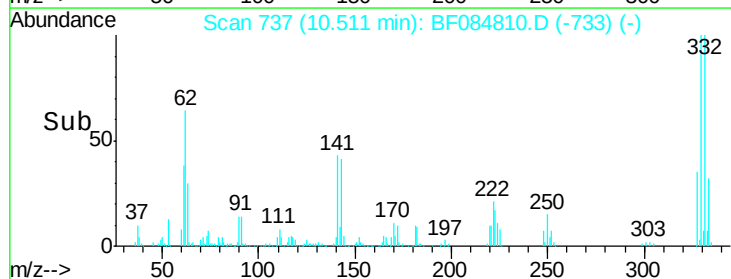
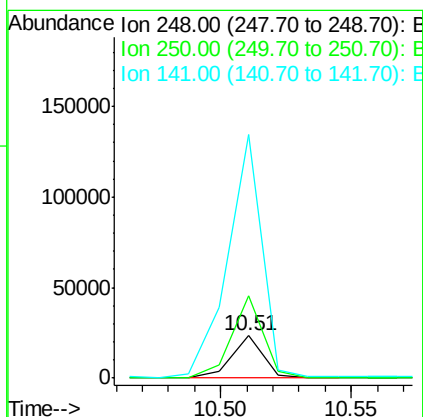
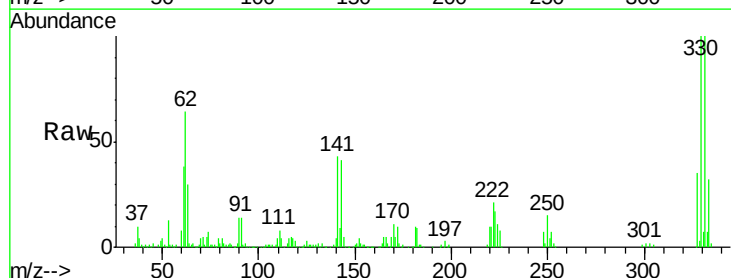
Instrument :
BNA_F
ClientSampleId :
SUP-B036(25-27)

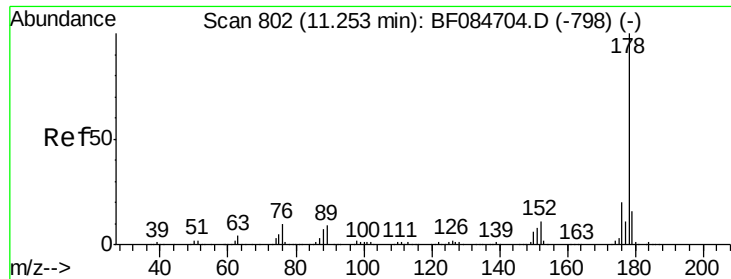
Tgt Ion:188 Resp: 627720
Ion Ratio Lower Upper
188 100
94 6.3 9.0 13.4#
80 6.4 9.6 14.4#



#66
4-Bromophenyl-phenylether
Concen: 2.85 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.25 min
Lab File: BF084810.D
Acq: 4 Feb 2016 3:12

Tgt Ion:248 Resp: 19774
Ion Ratio Lower Upper
248 100
250 195.0 78.4 117.6#
141 575.2 44.0 66.0#





#70

Phenanthrene

Concen: 32.74 ng

RT: 11.23 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF084810.D

Acq: 4 Feb 2016 3:12

Instrument :

BNA_F

ClientSampleId :

SUP-B036(25-27)

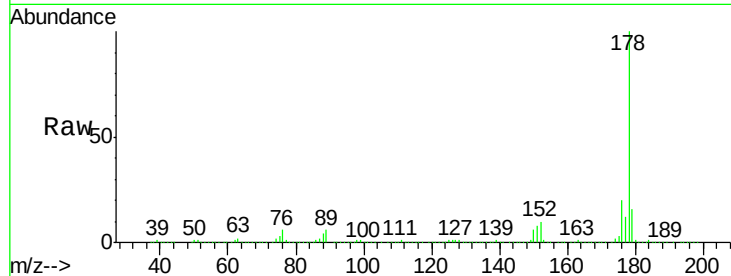
Tgt Ion:178 Resp: 1139722

Ion Ratio Lower Upper

178 100

176 19.8 15.3 22.9

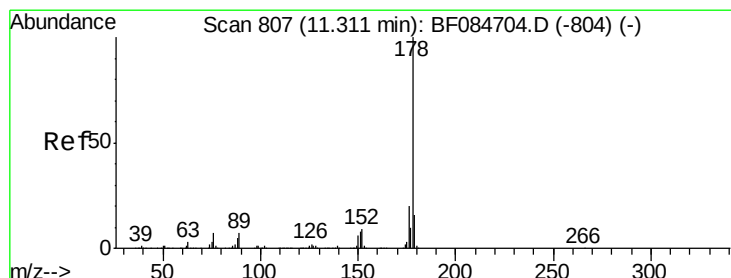
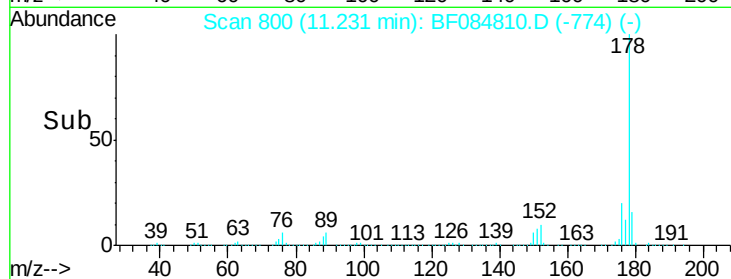
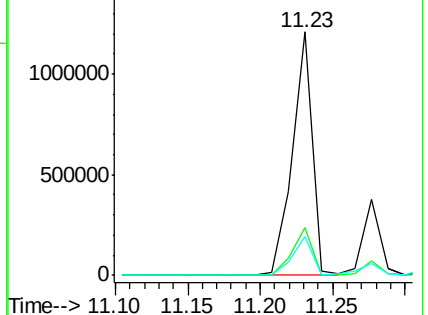
179 16.1 12.0 18.0



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: 8.78 ng

RT: 11.28 min Scan# 804

Delta R.T. -0.01 min

Lab File: BF084810.D

Acq: 4 Feb 2016 3:12

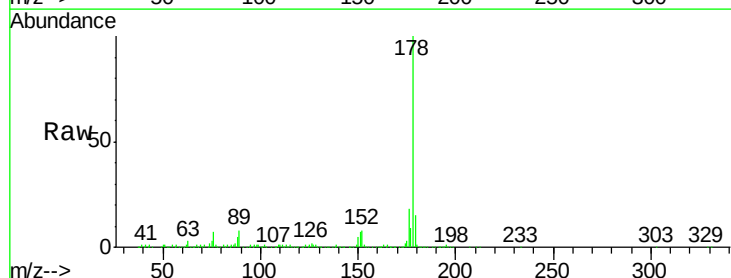
Tgt Ion:178 Resp: 308000

Ion Ratio Lower Upper

178 100

176 18.3 15.4 23.0

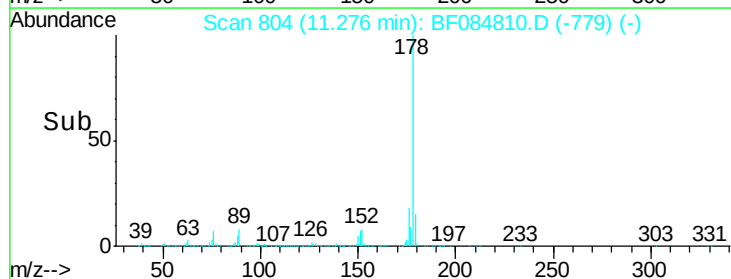
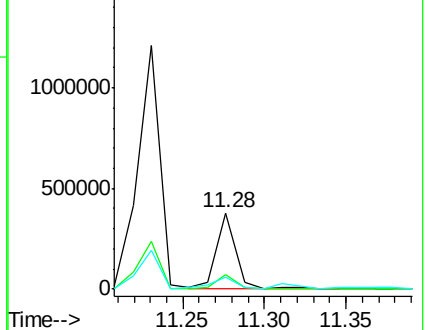
179 15.4 12.5 18.7

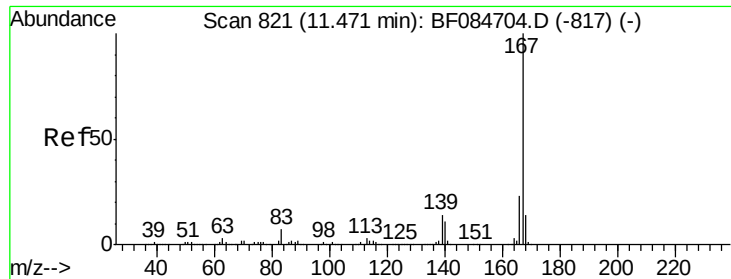


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

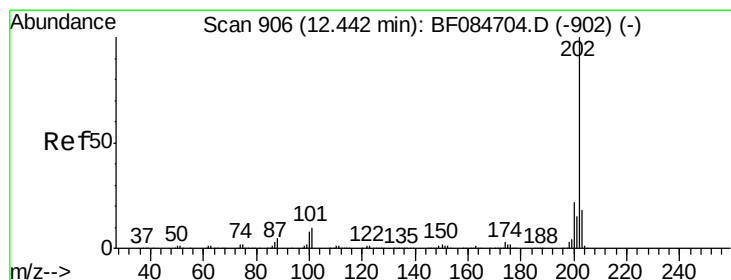
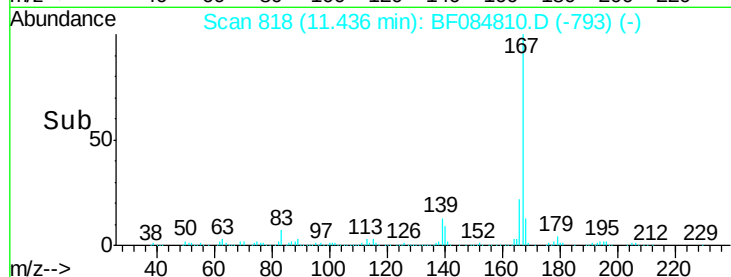
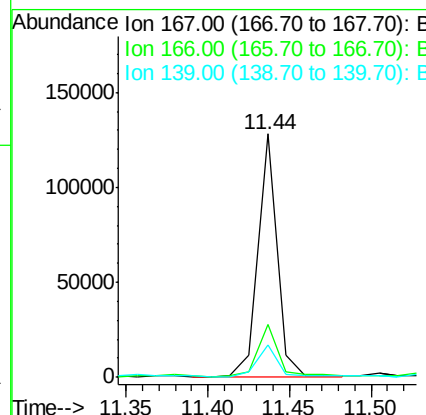
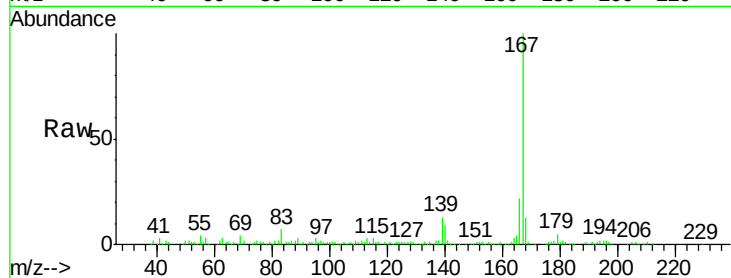




#72
 Carbazole
 Concen: 3.40 ng
 RT: 11.44 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF084810.D
 Acq: 4 Feb 2016 3:12

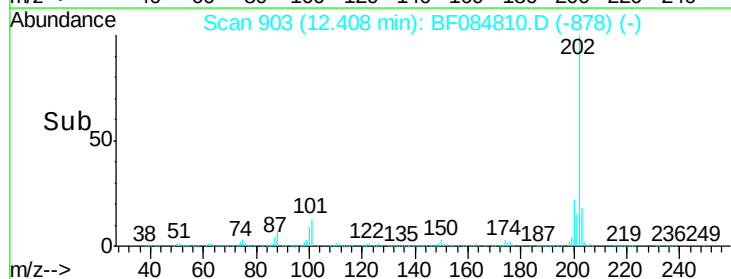
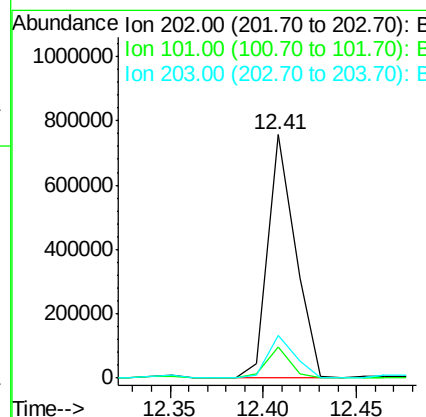
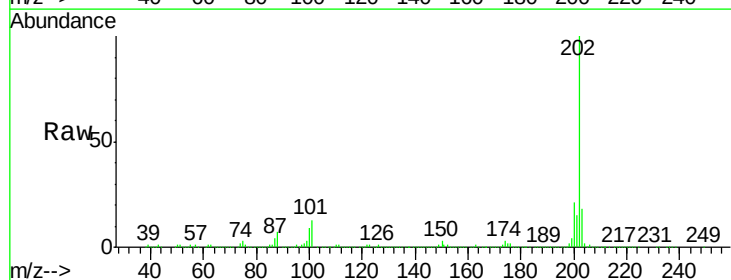
Instrument :
 BNA_F
 ClientSampleId :
 SUP-B036(25-27)

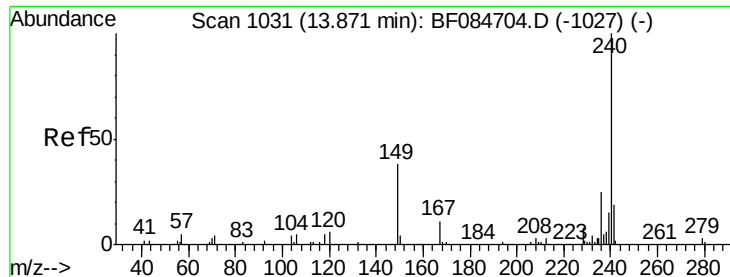
Tgt Ion:167 Resp: 103873
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.6 26.4
 139 13.5 11.8 17.8



#74
 Fluoranthene
 Concen: 21.69 ng
 RT: 12.41 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF084810.D
 Acq: 4 Feb 2016 3:12

Tgt Ion:202 Resp: 764286
 Ion Ratio Lower Upper
 202 100
 101 12.6 0.0 32.8
 203 17.6 0.0 37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.84 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF084810.D

Acq: 4 Feb 2016 3:12

Instrument :

BNA_F

ClientSampleId :

SUP-B036(25-27)

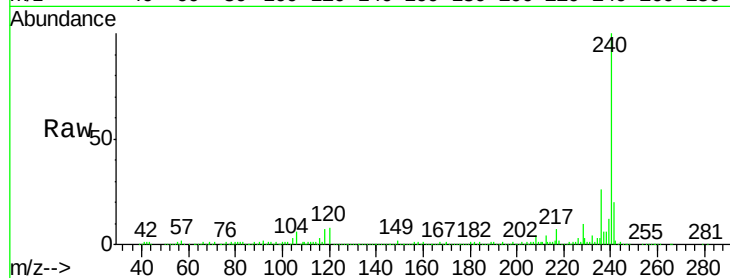
Tgt Ion:240 Resp: 462174

Ion Ratio Lower Upper

240 100

120 8.4 9.5 14.3#

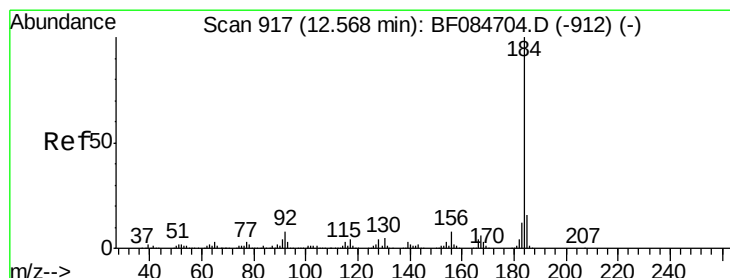
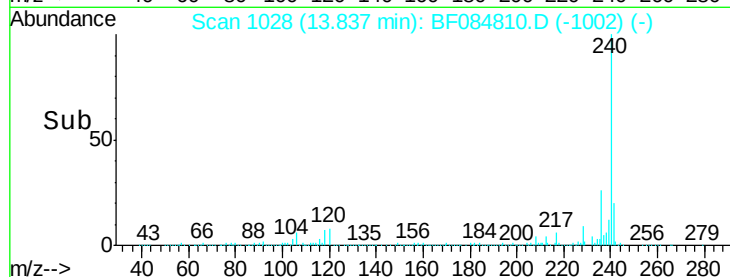
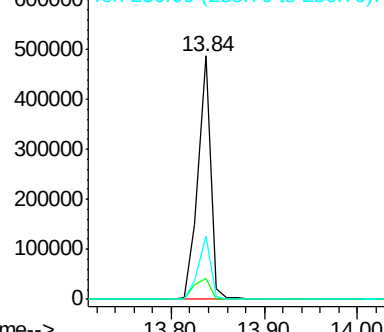
236 25.8 20.6 31.0



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: 7.63 ng

RT: 12.79 min Scan# 936

Delta R.T. 0.24 min

Lab File: BF084810.D

Acq: 4 Feb 2016 3:12

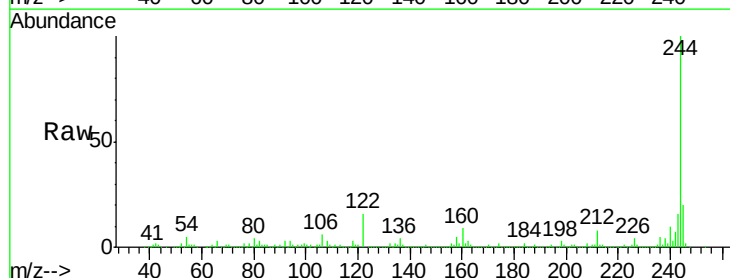
Tgt Ion:184 Resp: 18126

Ion Ratio Lower Upper

184 100

185 17.9 12.2 18.2

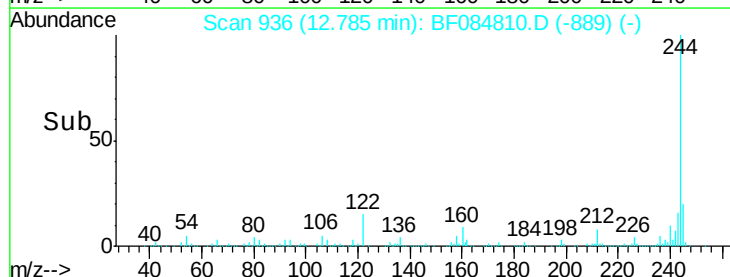
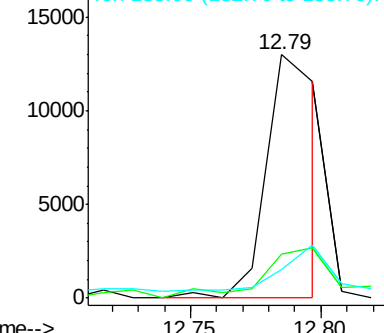
183 11.9 9.8 14.8

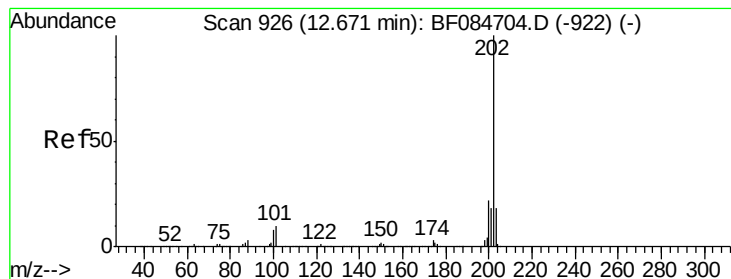


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 22.76 ng

RT: 12.64 min Scan# 923

Delta R.T. 0.00 min

Lab File: BF084810.D

Acq: 4 Feb 2016 3:12

Instrument :

BNA_F

ClientSampleId :

SUP-B036(25-27)

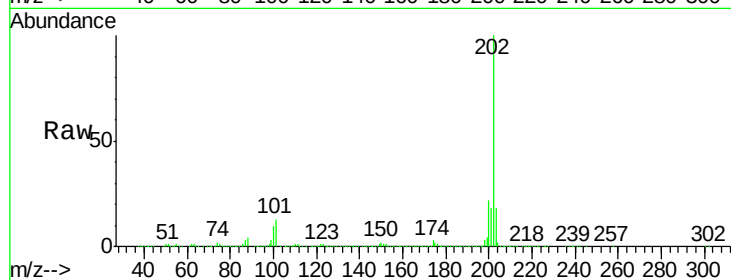
Tgt Ion:202 Resp: 805390

Ion Ratio Lower Upper

202 100

200 21.6 17.2 25.8

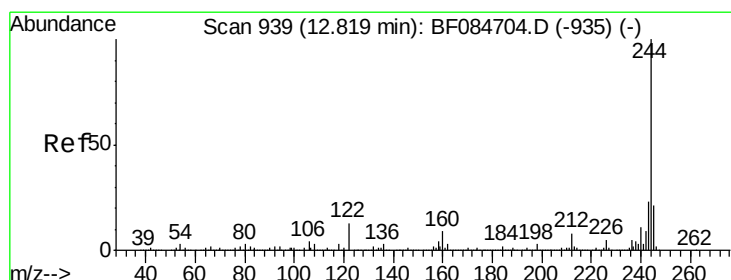
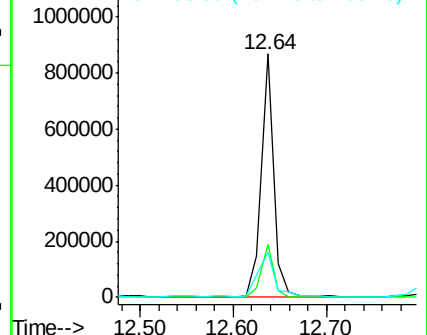
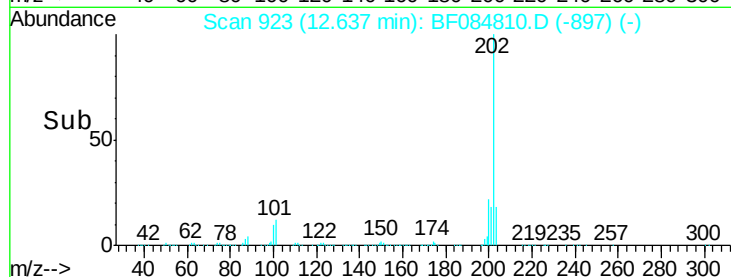
203 18.3 14.3 21.5



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: 62.88 ng

RT: 12.80 min Scan# 937

Delta R.T. 0.00 min

Lab File: BF084810.D

Acq: 4 Feb 2016 3:12

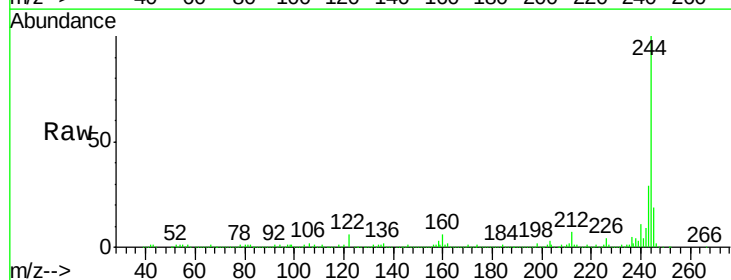
Tgt Ion:244 Resp: 1282378

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

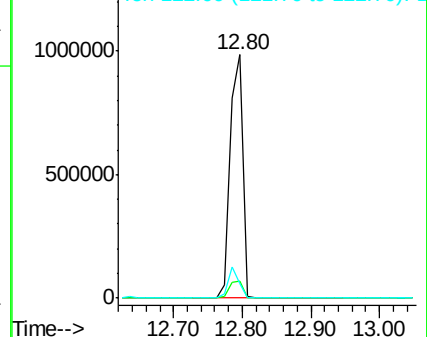
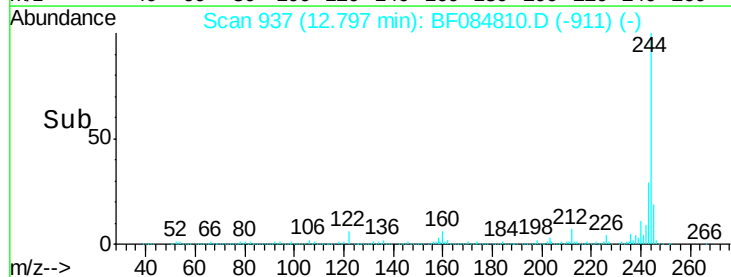
122 6.2 7.4 11.0#

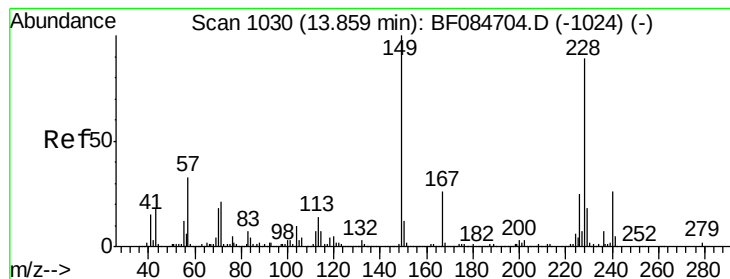


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 12.90 ng

RT: 13.83 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BF084810.D

Acq: 4 Feb 2016 3:12

Instrument :

BNA_F

ClientSampleId :

SUP-B036(25-27)

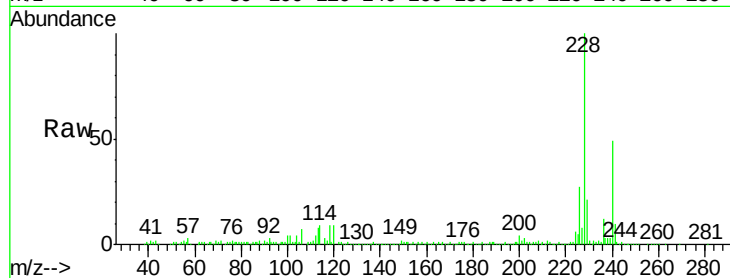
Tgt Ion:228 Resp: 370082

Ion Ratio Lower Upper

228 100

226 26.7 21.8 32.6

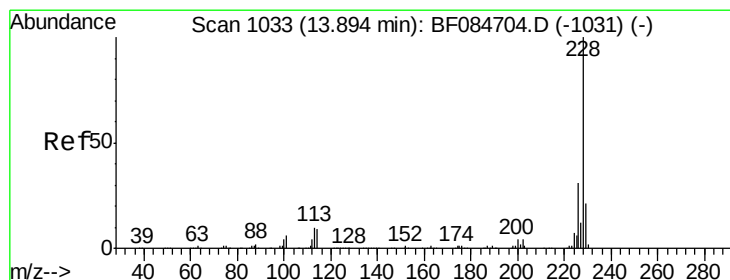
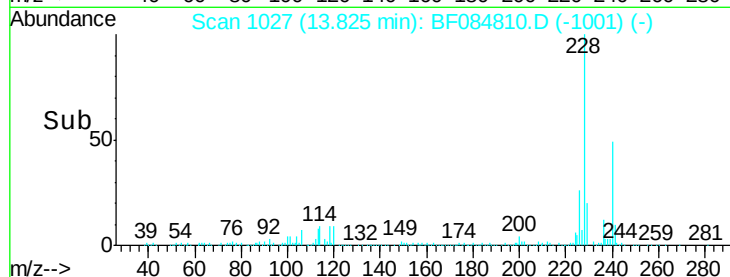
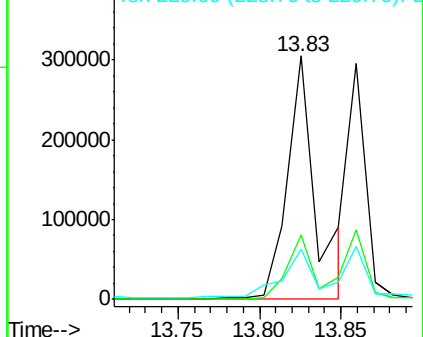
229 20.9 15.8 23.8



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: 13.30 ng

RT: 13.83 min Scan# 1027

Delta R.T. -0.03 min

Lab File: BF084810.D

Acq: 4 Feb 2016 3:12

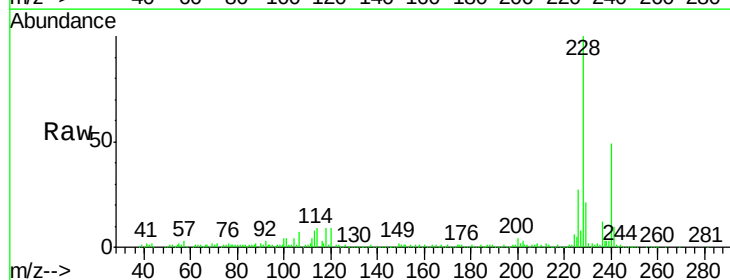
Tgt Ion:228 Resp: 370082

Ion Ratio Lower Upper

228 100

226 26.7 24.3 36.5

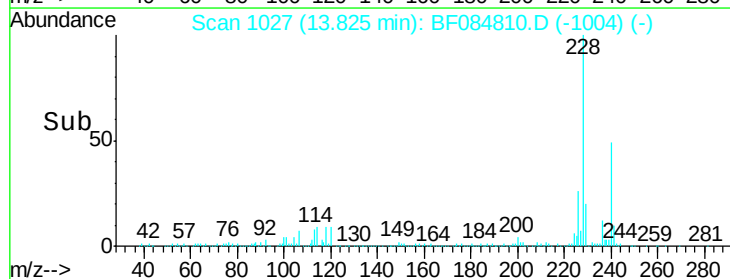
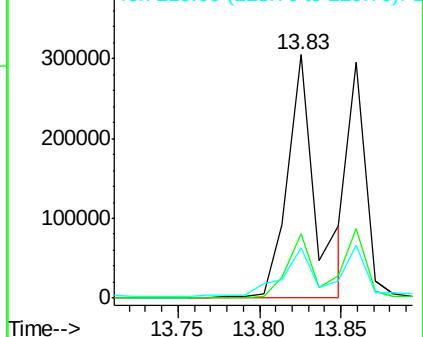
229 20.9 16.1 24.1

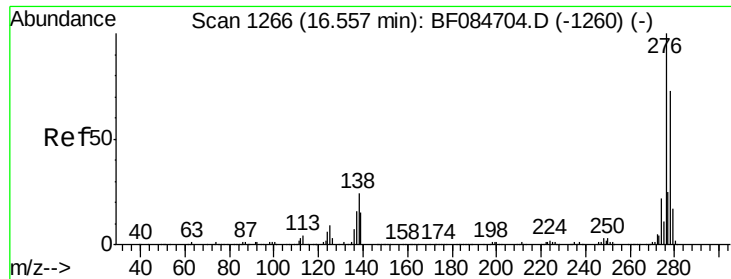


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

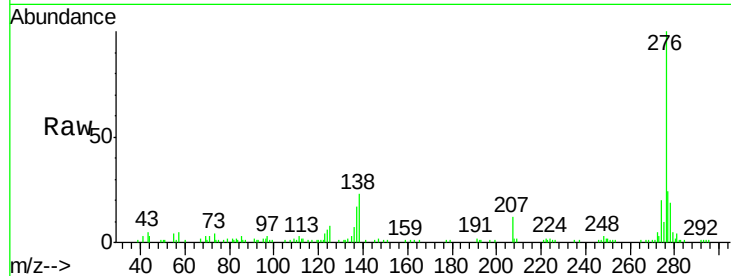




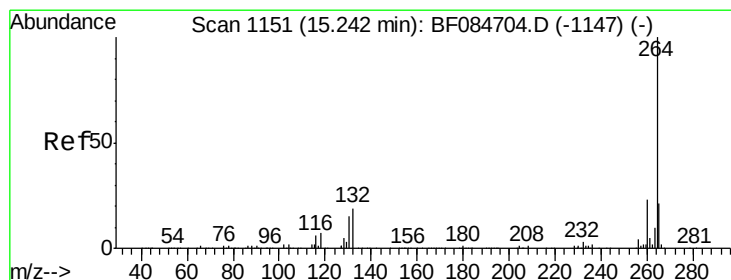
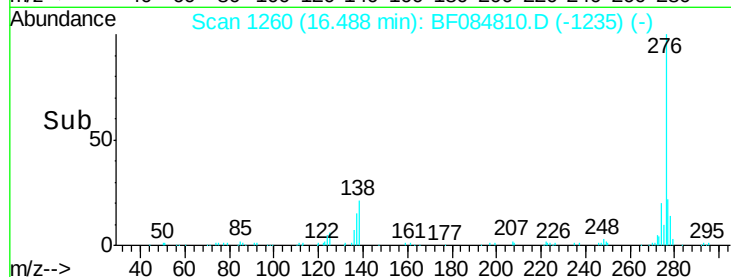
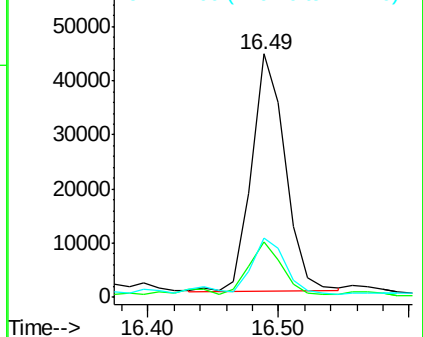
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 3.60 ng
 RT: 16.49 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BF084810.D
 Acq: 4 Feb 2016 3:12

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B036(25-27)

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.9	20.6	30.8
277	25.9	20.1	30.1

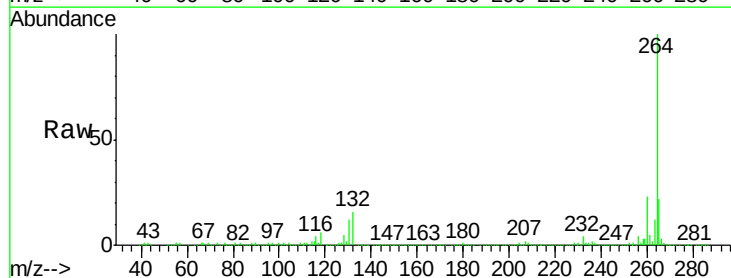


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

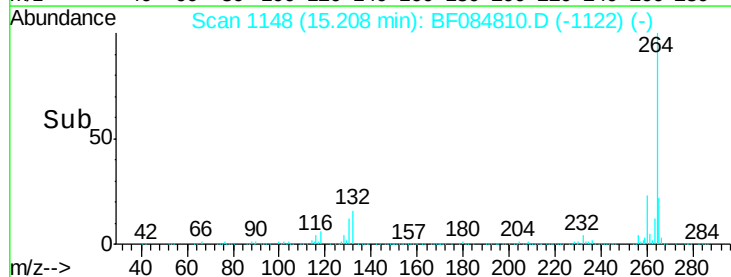
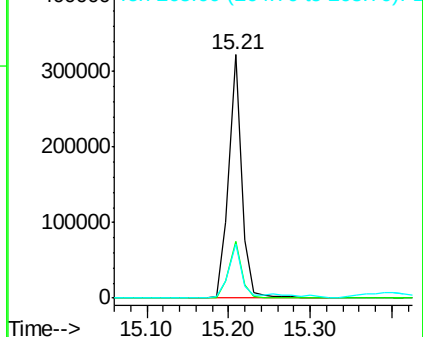


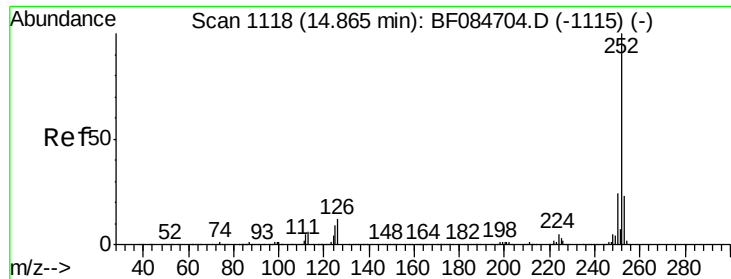
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.21 min Scan# 1148
 Delta R.T. 0.00 min
 Lab File: BF084810.D
 Acq: 4 Feb 2016 3:12

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.4	29.2
265	22.0	17.8	26.6



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: 11.48 ng

RT: 14.83 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BF084810.D

Acq: 4 Feb 2016 3:12

Instrument :

BNA_F

ClientSampleId :

SUP-B036(25-27)

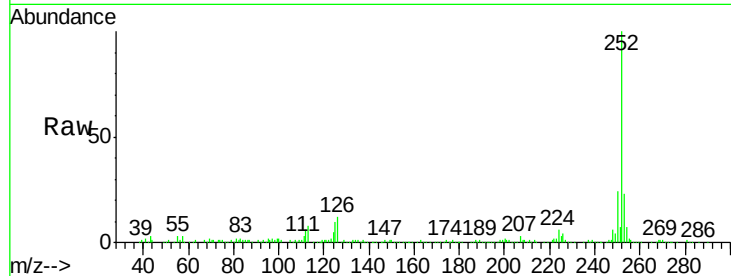
Tgt Ion:252 Resp: 277290

Ion Ratio Lower Upper

252 100

253 22.7 17.3 25.9

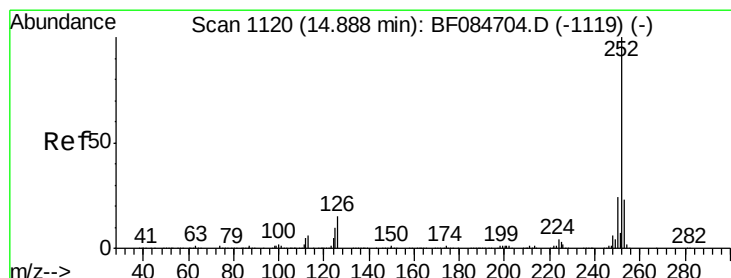
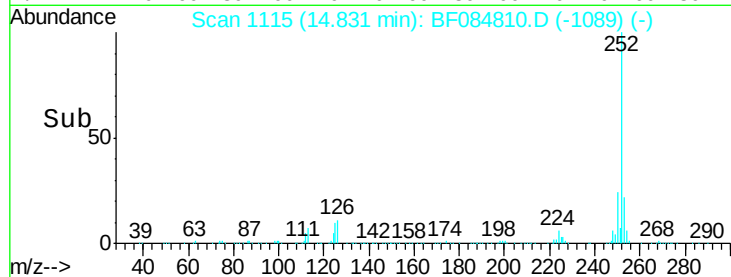
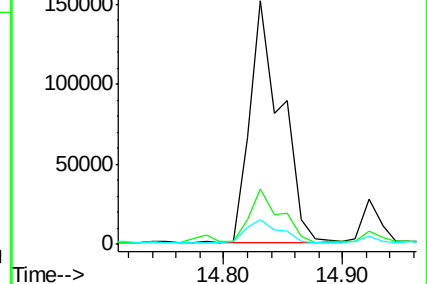
125 10.3 6.5 9.7#



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: 13.86 ng

RT: 14.83 min Scan# 1115

Delta R.T. -0.02 min

Lab File: BF084810.D

Acq: 4 Feb 2016 3:12

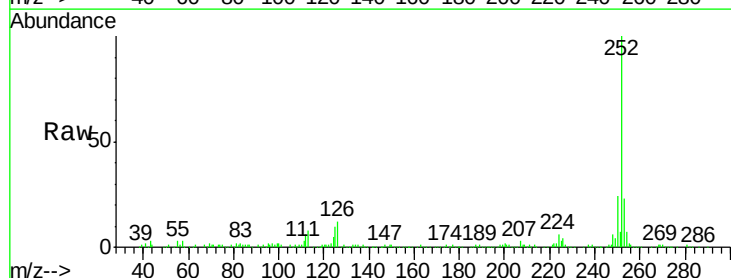
Tgt Ion:252 Resp: 276837

Ion Ratio Lower Upper

252 100

253 22.7 18.1 27.1

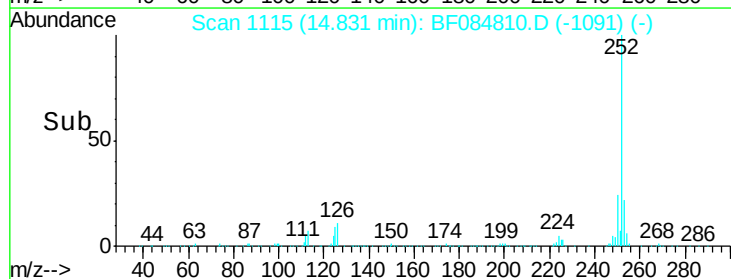
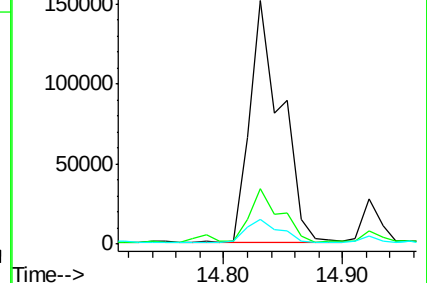
125 10.3 9.0 13.6

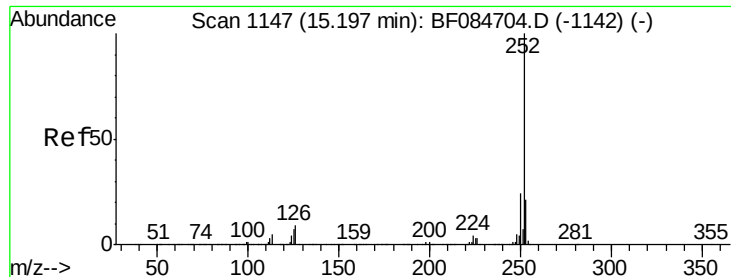


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 7.98 ng

RT: 15.15 min Scan# 1143

Delta R.T. 0.00 min

Lab File: BF084810.D

Acq: 4 Feb 2016 3:12

Instrument :

BNA_F

ClientSampleId :

SUP-B036(25-27)

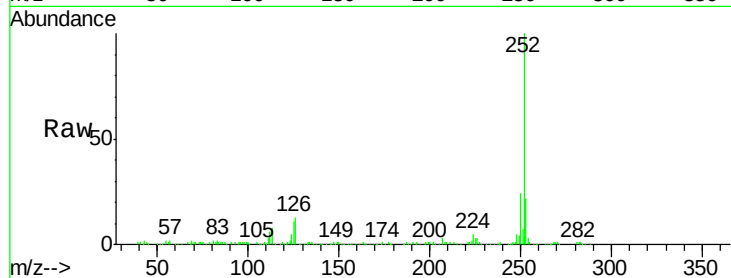
Tgt Ion:252 Resp: 164310

Ion Ratio Lower Upper

252 100

253 22.3 17.3 25.9

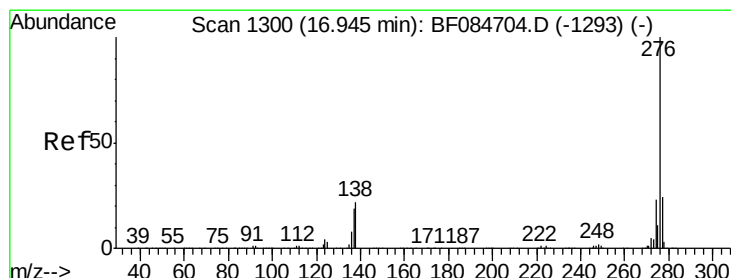
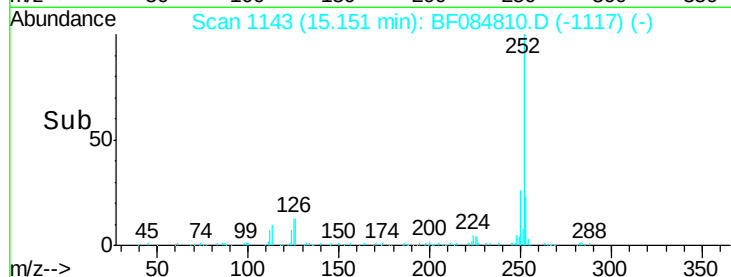
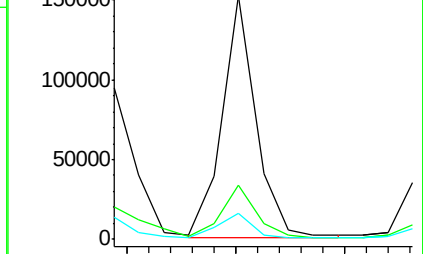
125 10.6 7.0 10.4#



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



#91

Benzo(g,h,i)perylene

Concen: 4.71 ng

RT: 16.88 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF084810.D

Acq: 4 Feb 2016 3:12

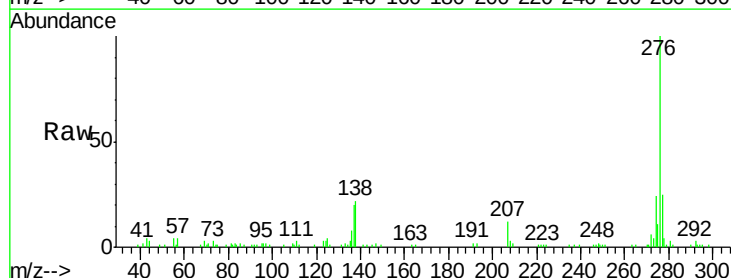
Tgt Ion:276 Resp: 82233

Ion Ratio Lower Upper

276 100

277 25.4 18.8 28.2

138 22.2 17.8 26.6



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

