

Data Path : Z:\HPCHEM1\BNA F\Data\BF020316\
 Data File : BF084820.D
 Acq On : 4 Feb 2016 7:52
 Operator : SJ/IZ
 Sample : H1322-04 5X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 04 09:56:26 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	180884	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	787434	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	339097	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	590646	20.00	ng	0.00
75) Chrysene-d12	13.84	240	393794	20.00	ng	0.00
86) Perylene-d12	15.21	264	340620	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.26	112	236284	20.35	ng	-0.01
7) Phenol-d6	6.33	99	372820	25.90	ng	-0.01
23) Nitrobenzene-d5	7.25	82	223753	16.01	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	31636	8.94	ng	-0.01
44) 2-Fluorobiphenyl	9.05	172	379337	13.93	ng	-0.01
78) Terphenyl-d14	12.78	244	283996	16.34	ng	-0.01

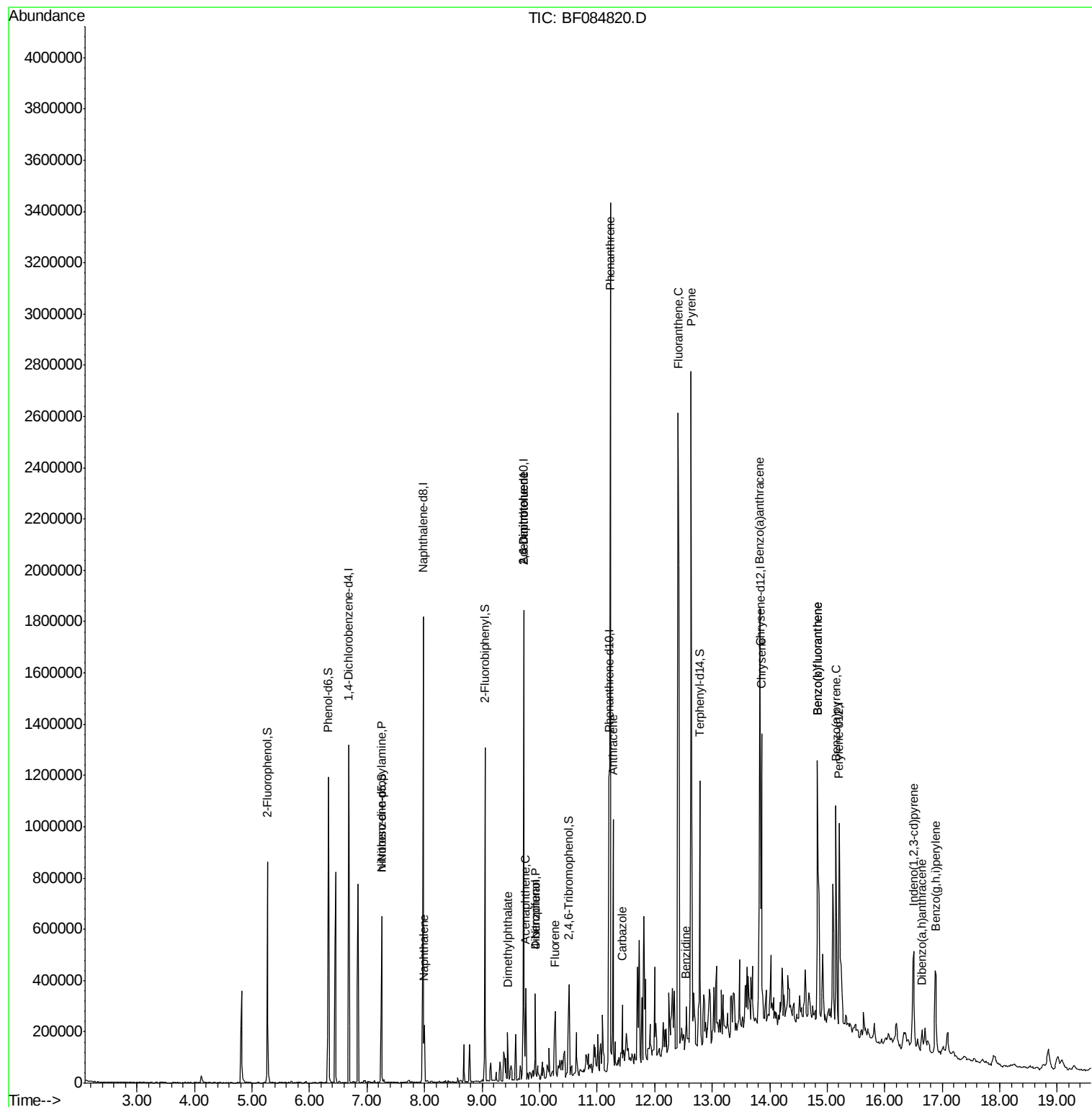
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.25	70	28716	3.18	ng	# 76
31) Naphthalene	8.00	128	109071	2.76	ng	96
49) Dimethylphthalate	9.45	163	66834	2.59	ng	# 90
50) 2,6-Dinitrotoluene	9.72	165	48722	8.64	ng	# 38
51) Acenaphthene	9.76	154	79270	3.60	ng	98
54) Dibenzofuran	9.93	168	105963	3.94	ng	98
55) 4-Nitrophenol	9.93	139	40572	8.71	ng	# 12
56) 2,4-Dinitrotoluene	9.72	165	48722	6.77	ng	# 22
57) Fluorene	10.27	166	86180	3.83	ng	98
70) Phenanthrene	11.23	178	1320846	40.32	ng	97
71) Anthracene	11.28	178	354654	10.74	ng	98
72) Carbazole	11.44	167	87453	3.04	ng	97
74) Fluoranthene	12.41	202	1402398	42.30	ng	98
76) Benzidine	12.54	184	3733	7.07	ng	# 1
77) Pyrene	12.64	202	1195535	39.65	ng	98
80) Benzo(a)anthracene	13.83	228	610785	24.99	ng	97
82) Chrysene	13.86	228	351796	14.84	ng	97
85) Indeno(1,2,3-cd)pyrene	16.50	276	253980	13.61	ng	95
87) Benzo(b)fluoranthene	14.83	252	687327	30.03	ng	# 97
88) Benzo(k)fluoranthene	14.83	252	687327	36.32	ng	99
89) Benzo(a)pyrene	15.15	252	399635	20.49	ng	# 94
90) Dibenzo(a,h)anthracene	16.65	278	47067	2.87	ng	94
91) Benzo(g,h,i)perylene	16.89	276	265217	16.04	ng	96

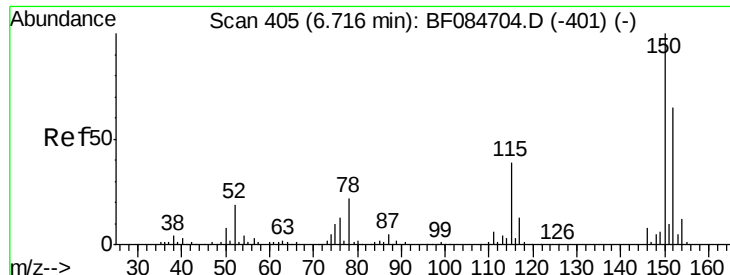
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF084820.D

Acq: 4 Feb 2016 7:52

Instrument :

BNA_F

ClientSampleId :

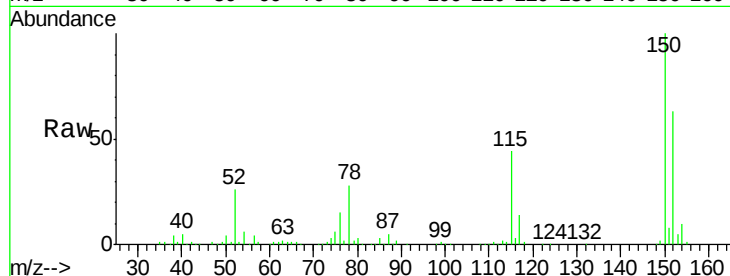
Tot Ion:152 Resp: 180884

Ion Ratio Lower Upper

152 100

150 158.9 123.0 184.4

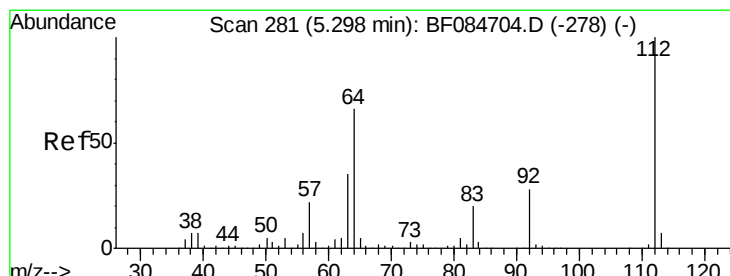
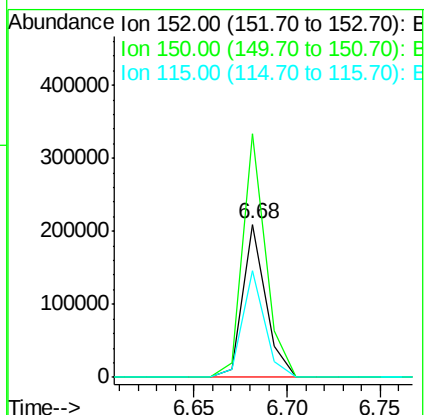
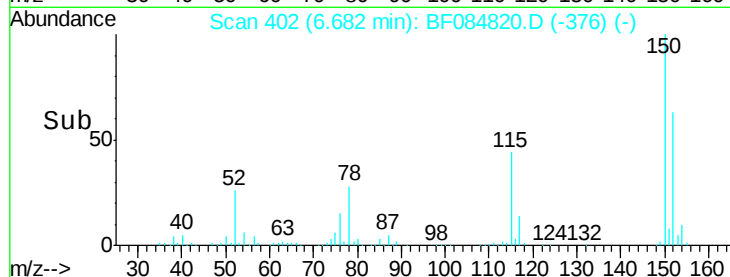
115 69.3 51.4 77.2



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: 20.35 ng

RT: 5.26 min Scan# 278

Delta R.T. -0.01 min

Lab File: BF084820.D

Acq: 4 Feb 2016 7:52

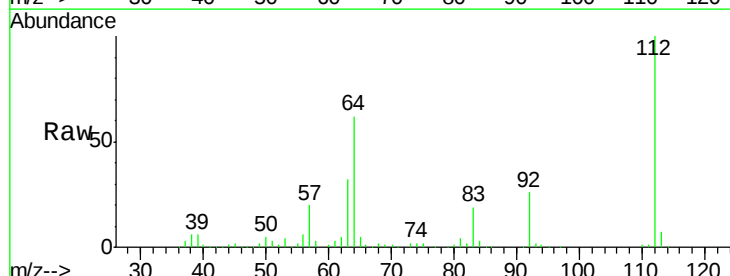
Tgt Ion:112 Resp: 236284

Ion Ratio Lower Upper

112 100

64 62.2 36.6 55.0#

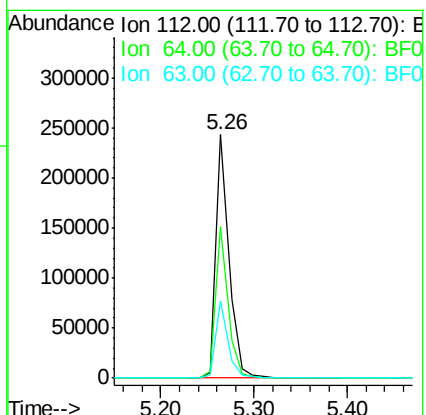
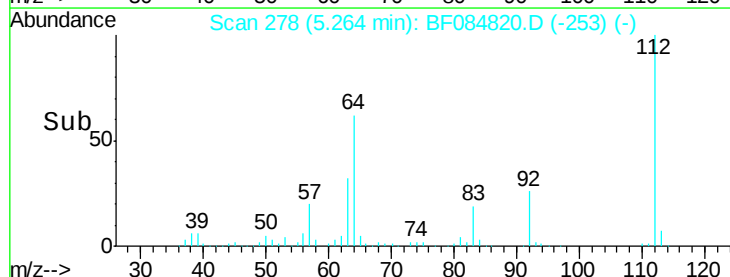
63 31.6 19.4 29.0#



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: 25.90 ng

RT: 6.33 min Scan# 371

Delta R.T. -0.01 min

Lab File: BF084820.D

Acq: 4 Feb 2016 7:52

Instrument :

BNA_F

ClientSampleId :

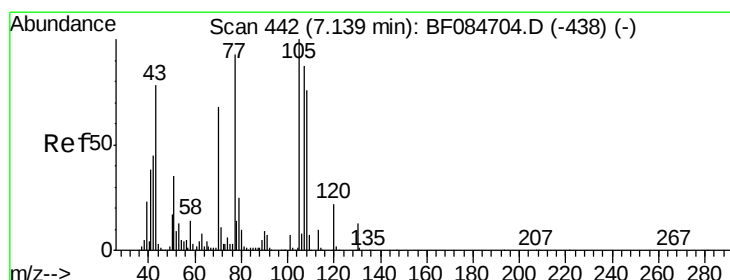
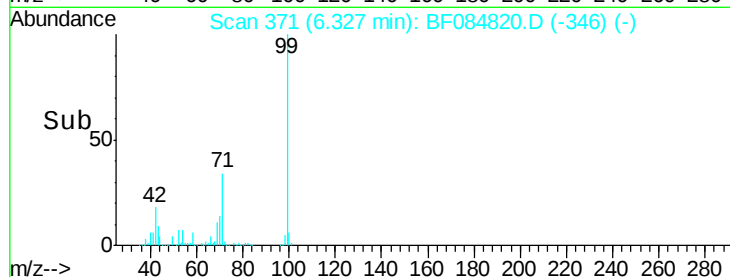
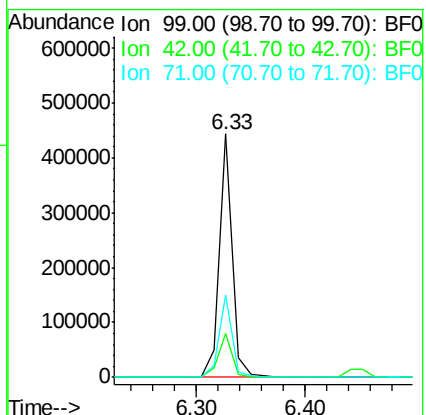
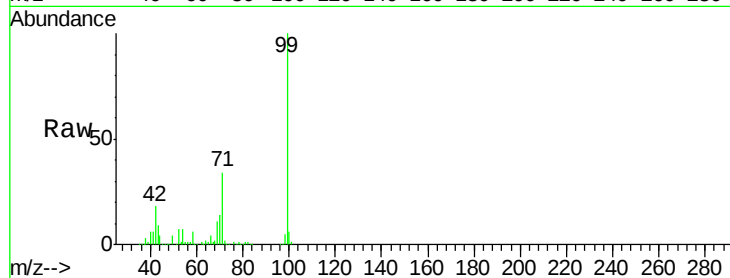
Tot Ion: 99 Resp: 372820

Ion Ratio Lower Upper

99 100

42 17.8 12.8 19.2

71 33.8 30.9 46.3



#19

n-Nitroso-di-n-propylamine

Concen: 3.18 ng

RT: 7.25 min Scan# 452

Delta R.T. 0.14 min

Lab File: BF084820.D

Acq: 4 Feb 2016 7:52

Tgt Ion: 70 Resp: 28716

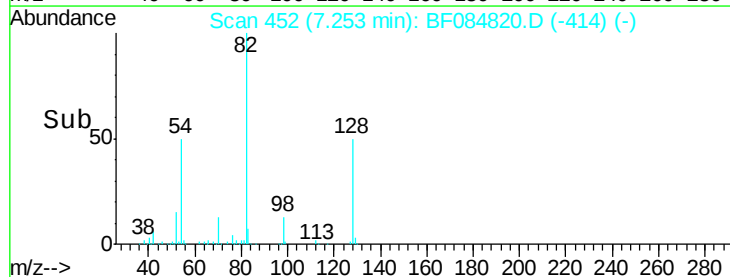
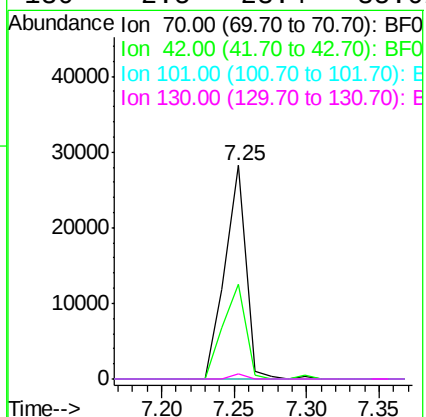
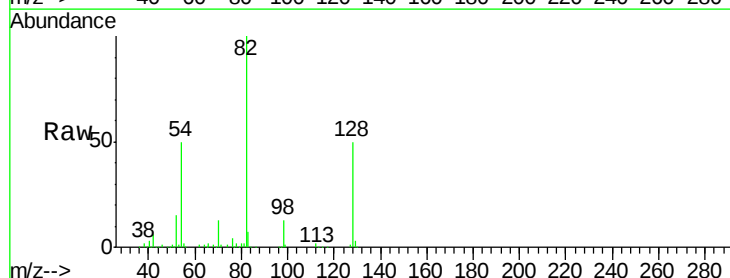
Ion Ratio Lower Upper

70 100

42 44.6 33.3 49.9

101 0.0 9.3 13.9#

130 2.5 23.4 35.0#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.97 min Scan# 515

Delta R.T. -0.00 min

Lab File: BF084820.D

Acq: 4 Feb 2016 7:52

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 787434

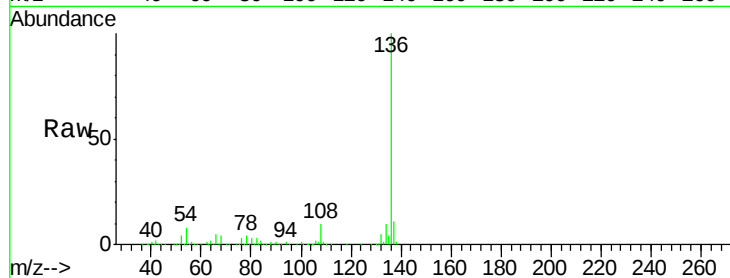
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 7.8 5.8 8.8

68 4.3 4.2 6.2

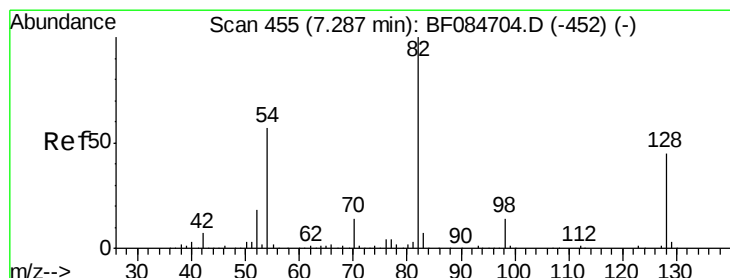
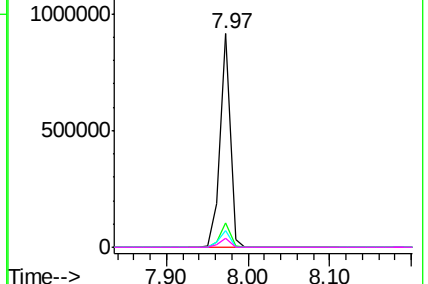
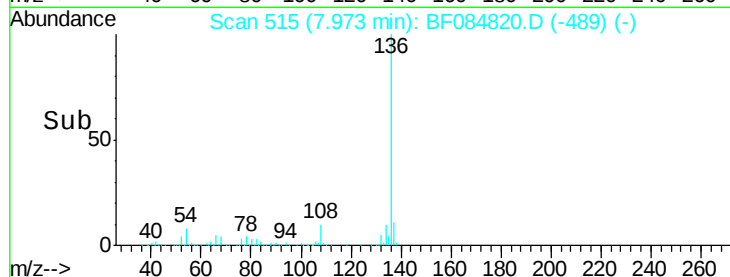


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 16.01 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.01 min

Lab File: BF084820.D

Acq: 4 Feb 2016 7:52

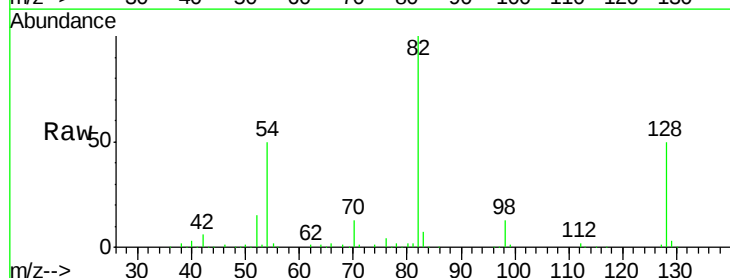
Tgt Ion: 82 Resp: 223753

Ion Ratio Lower Upper

82 100

128 50.0 34.6 51.8

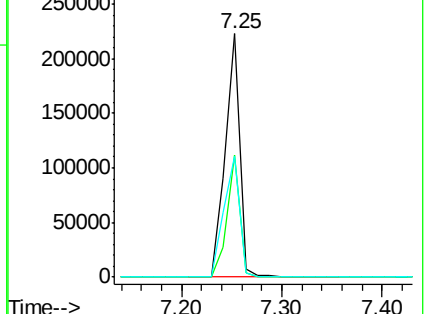
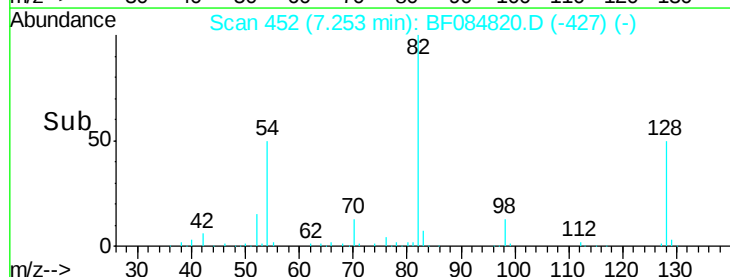
54 49.7 38.4 57.6

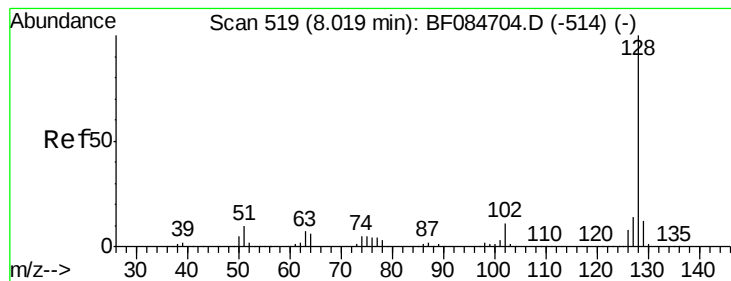


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#31

Naphthalene

Concen: 2.76 ng

RT: 8.00 min Scan# 517

Delta R.T. -0.00 min

Lab File: BF084820.D

Acq: 4 Feb 2016 7:52

Instrument :

BNA_F

ClientSampleId :

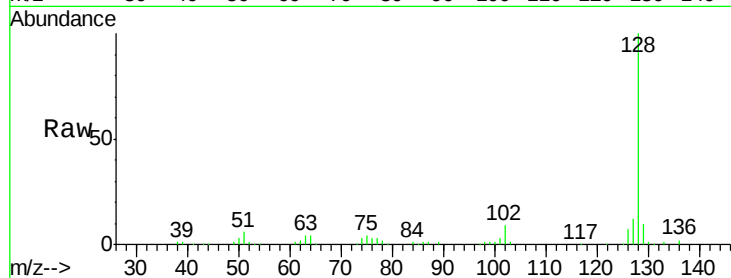
Tot Ion:128 Resp: 109071

Ion Ratio Lower Upper

128 100

129 10.2 9.1 13.7

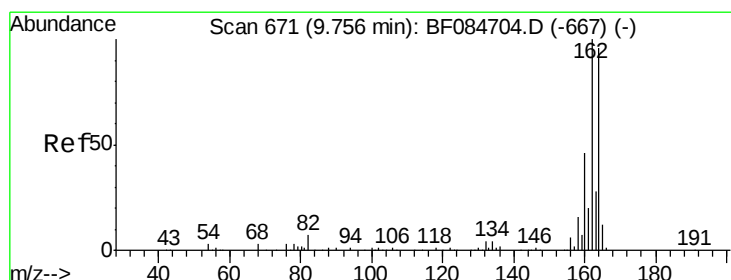
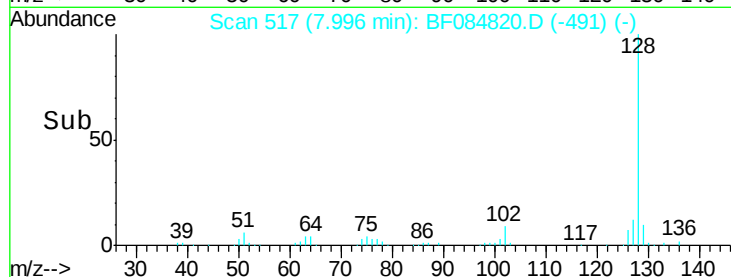
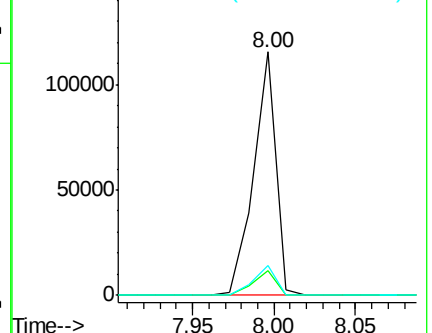
127 12.1 11.1 16.7



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF084820.D

Acq: 4 Feb 2016 7:52

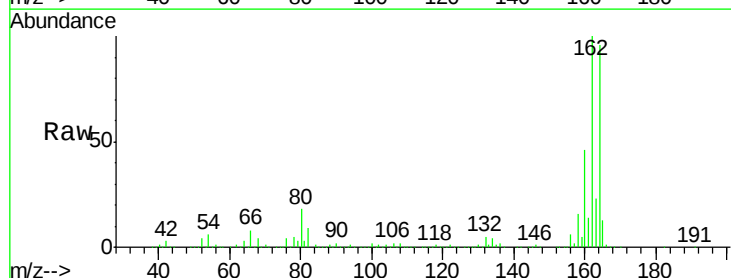
Tgt Ion:164 Resp: 339097

Ion Ratio Lower Upper

164 100

162 104.7 85.1 127.7

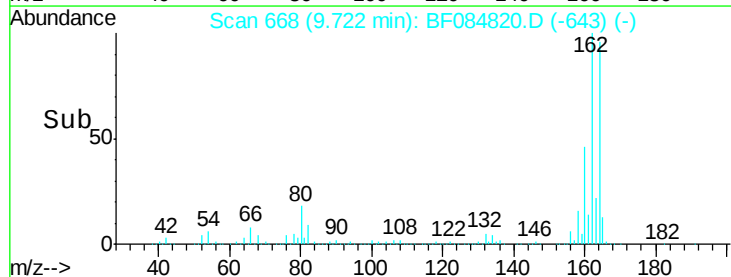
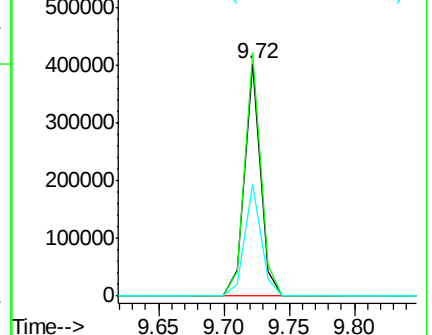
160 48.0 37.5 56.3

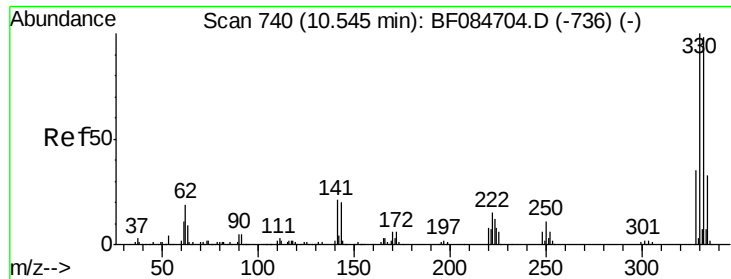


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

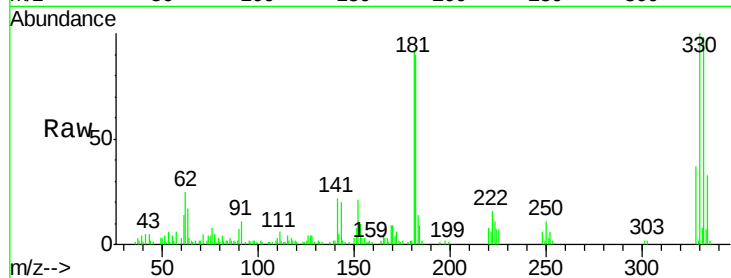




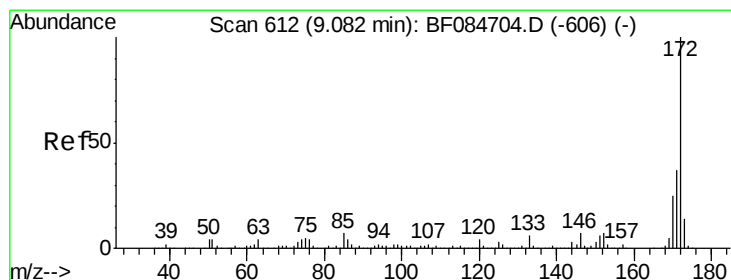
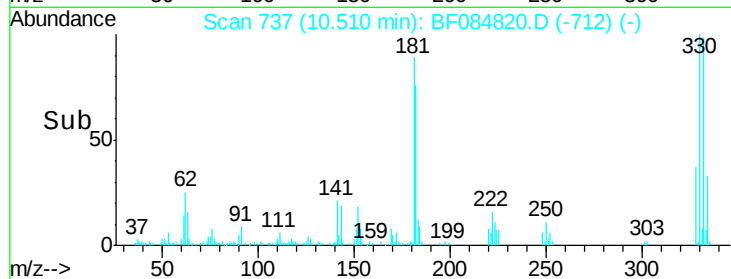
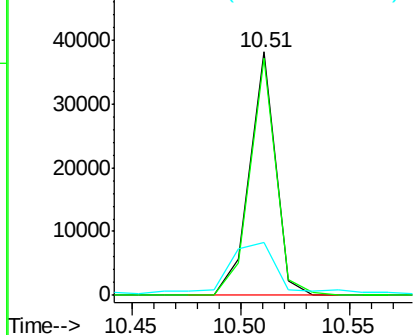
#41
 2,4,6-Tribromophenol
 Concen: 8.94 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.01 min
 Lab File: BF084820.D
 Acq: 4 Feb 2016 7:52

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 31636
 Ion Ratio Lower Upper
 330 100
 332 98.3 76.6 114.8
 141 38.3 27.8 41.6

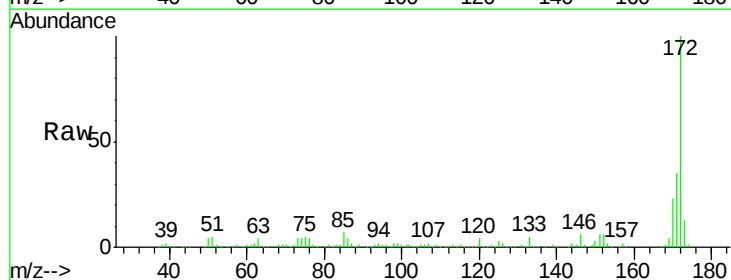


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

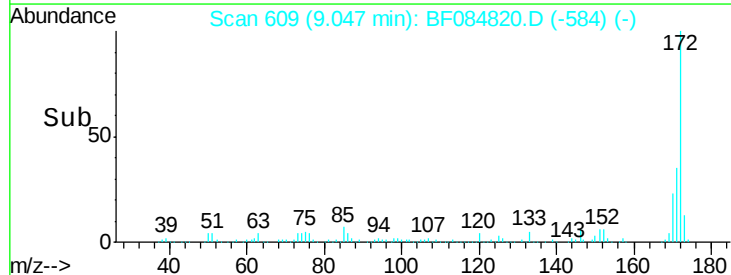
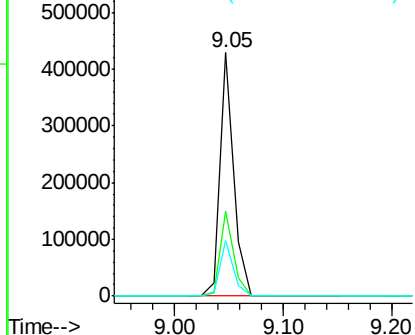


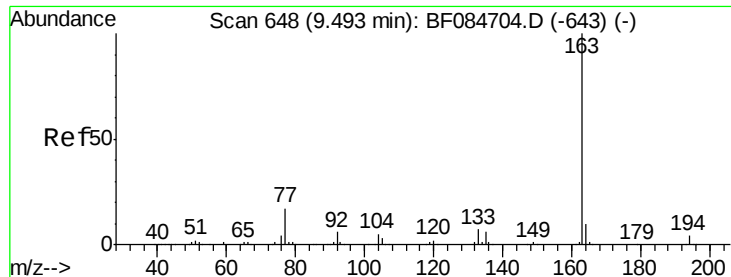
#44
 2-Fluorobiphenyl
 Concen: 13.93 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF084820.D
 Acq: 4 Feb 2016 7:52

Tgt Ion:172 Resp: 379337
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.9 43.3
 170 23.0 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

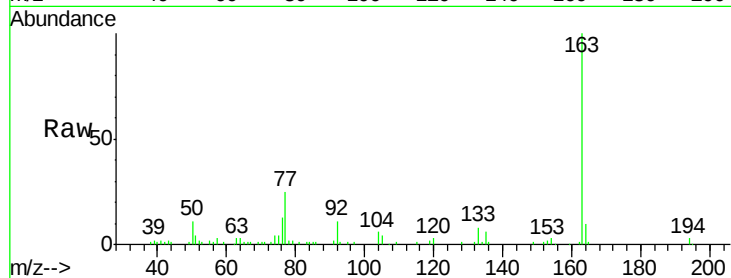




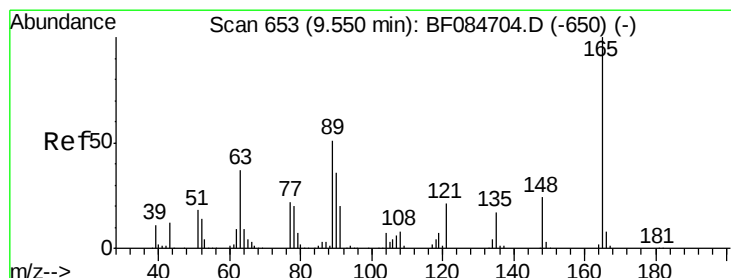
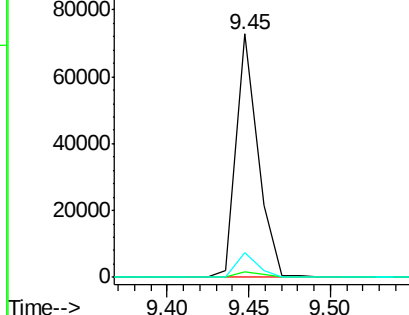
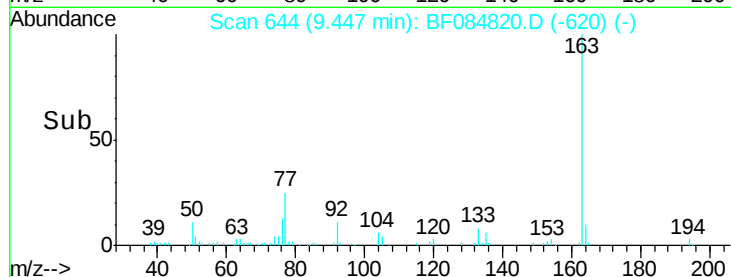
#49
Dimethylphthalate
Concen: 2.59 ng
RT: 9.45 min Scan# 644
Delta R.T. -0.02 min
Lab File: BF084820.D
Acq: 4 Feb 2016 7:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 66834
Ion Ratio Lower Upper
163 100
194 2.5 8.0 12.0#
164 10.2 8.0 12.0

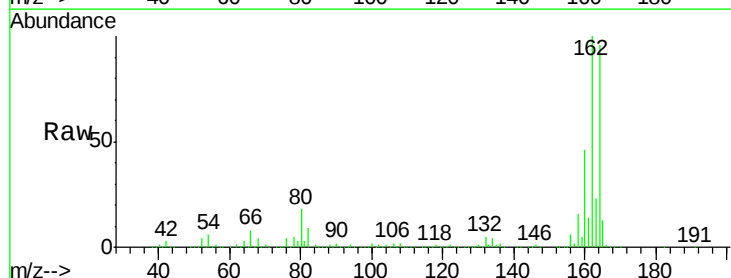


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

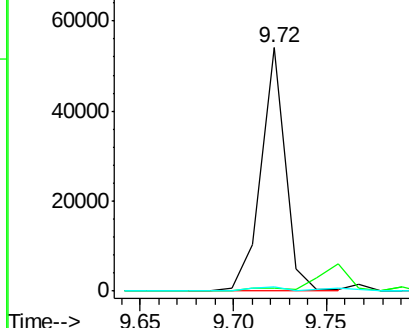
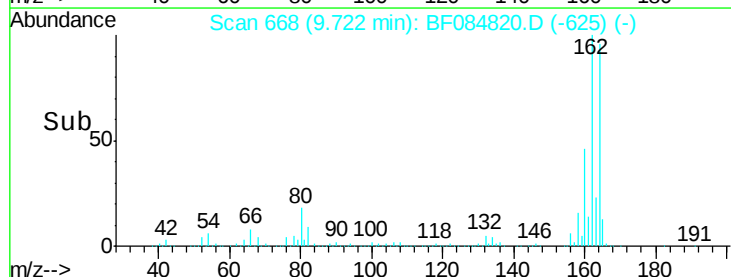


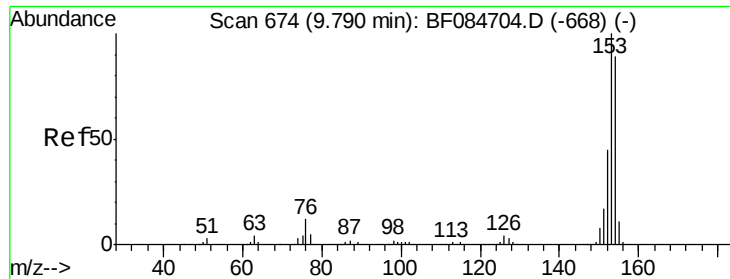
#50
2,6-Dinitrotoluene
Concen: 8.64 ng
RT: 9.72 min Scan# 668
Delta R.T. 0.19 min
Lab File: BF084820.D
Acq: 4 Feb 2016 7:52

Tgt Ion:165 Resp: 48722
Ion Ratio Lower Upper
165 100
63 1.3 28.8 43.2#
89 1.9 35.1 52.7#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 3.60 ng

RT: 9.76 min Scan# 671

Delta R.T. -0.01 min

Lab File: BF084820.D

Acq: 4 Feb 2016 7:52

Instrument :

BNA_F

ClientSampleId :

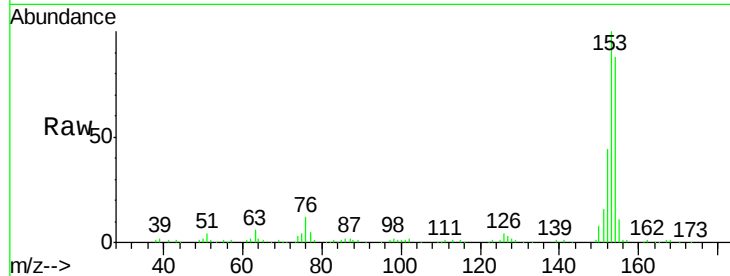
Tot Ion:154 Resp: 79270

Ion Ratio Lower Upper

154 100

153 114.1 91.5 137.3

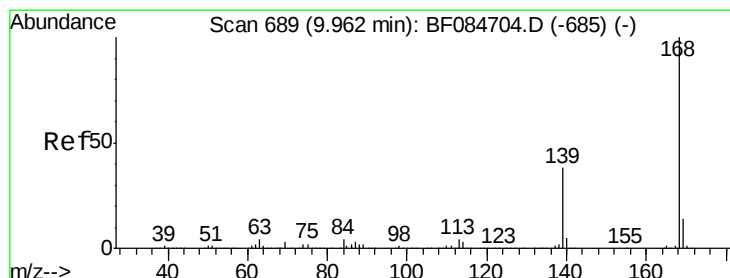
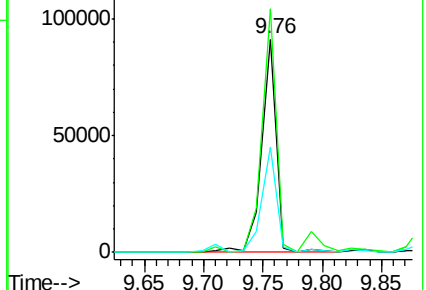
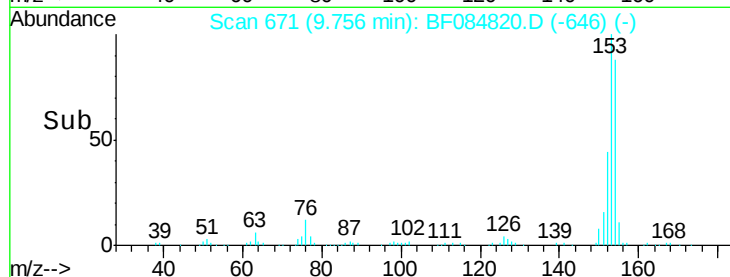
152 49.6 43.0 64.6



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: 3.94 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.01 min

Lab File: BF084820.D

Acq: 4 Feb 2016 7:52

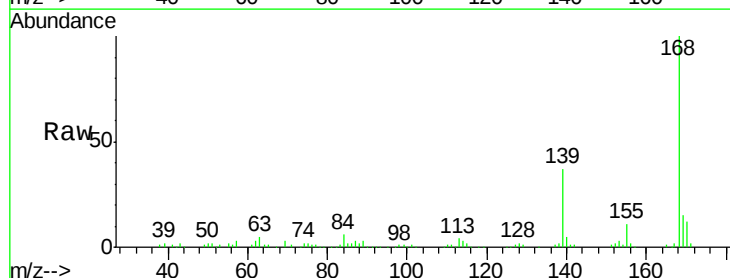
Tgt Ion:168 Resp: 105963

Ion Ratio Lower Upper

168 100

139 37.3 30.5 45.7

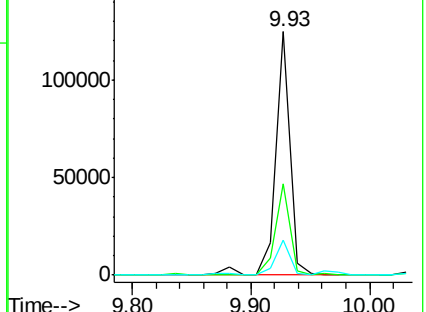
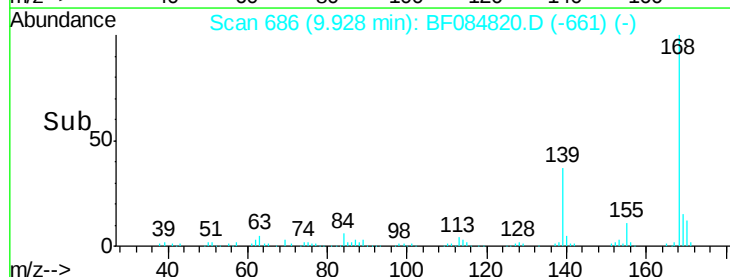
169 14.5 10.4 15.6

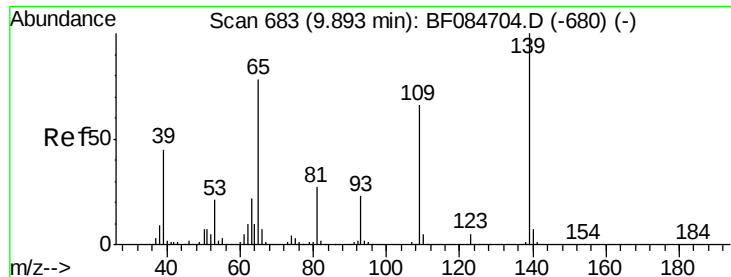


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

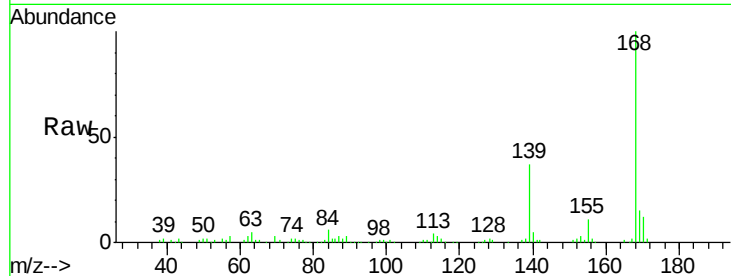




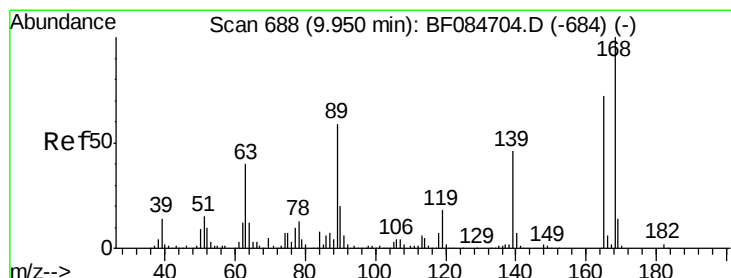
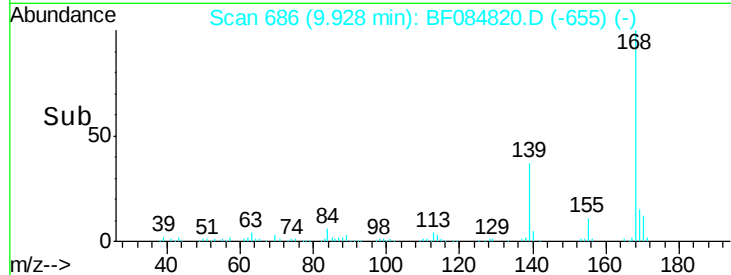
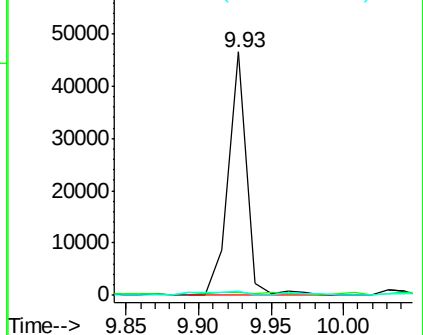
#55
4-Nitrophenol
Concen: 8.71 ng
RT: 9.93 min Scan# 686
Delta R.T. 0.06 min
Lab File: BF084820.D
Acq: 4 Feb 2016 7:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
139	100		
109	1.3	58.5	98.5#
65	1.8	57.6	97.6#



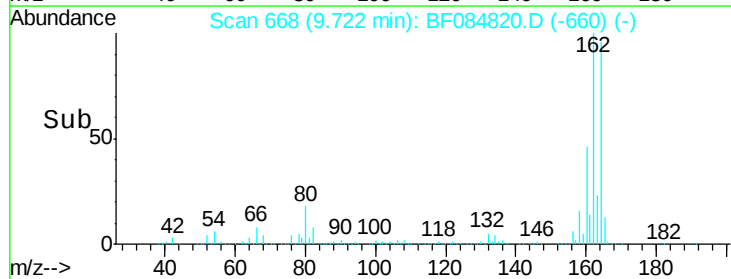
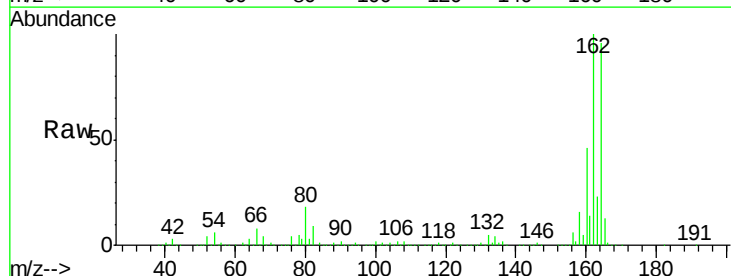
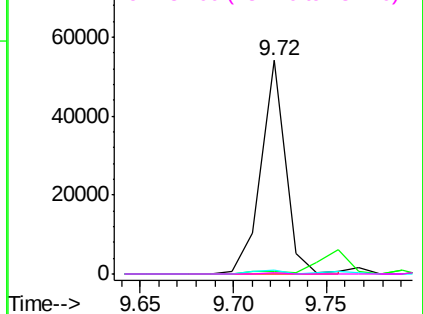
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

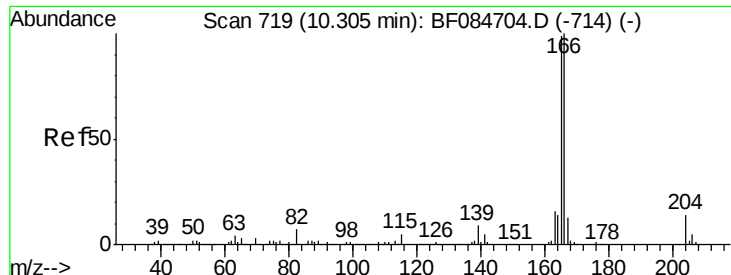


#56
2,4-Dinitrotoluene
Concen: 6.77 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.21 min
Lab File: BF084820.D
Acq: 4 Feb 2016 7:52

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.7	55.1#
89	1.9	61.9	92.9#
182	0.7	2.0	3.0#

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 3.83 ng

RT: 10.27 min Scan# 716

Delta R.T. -0.00 min

Lab File: BF084820.D

Acq: 4 Feb 2016 7:52

Instrument :

BNA_F

ClientSampleId :

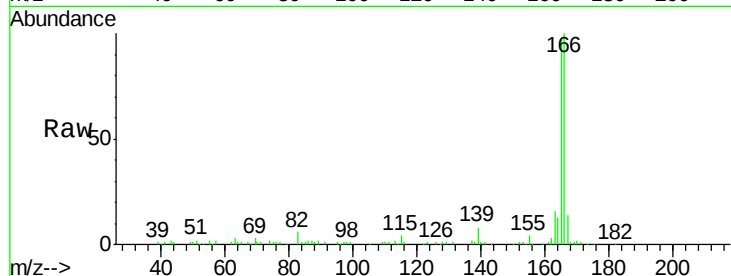
Tot Ion:166 Resp: 86180

Ion Ratio Lower Upper

166 100

165 96.6 79.1 118.7

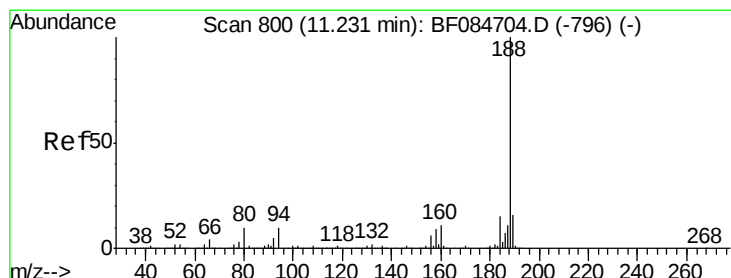
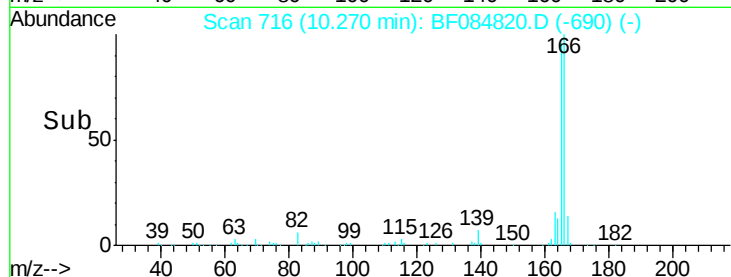
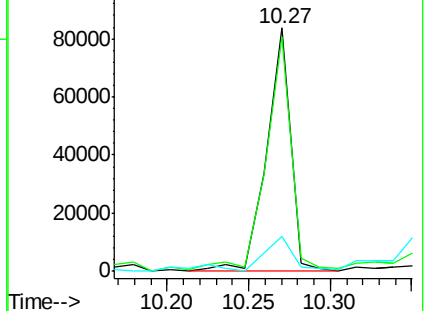
167 14.4 10.4 15.6



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: BF084820.D

Acq: 4 Feb 2016 7:52

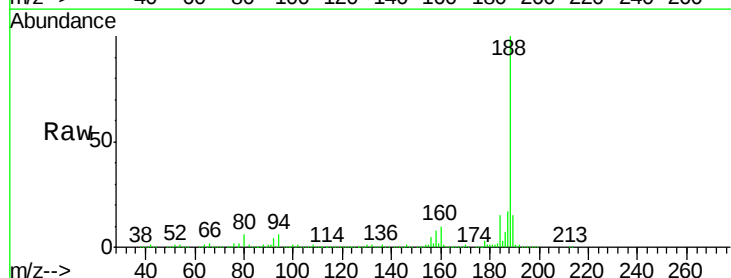
Tgt Ion:188 Resp: 590646

Ion Ratio Lower Upper

188 100

94 6.0 9.0 13.4#

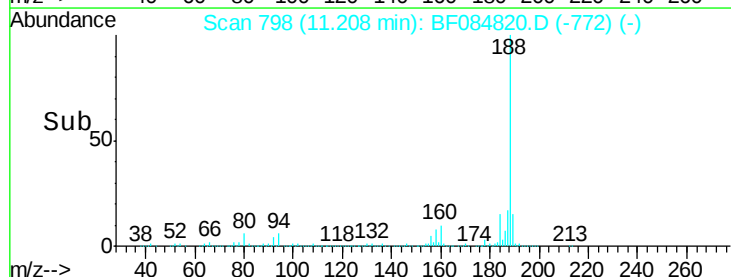
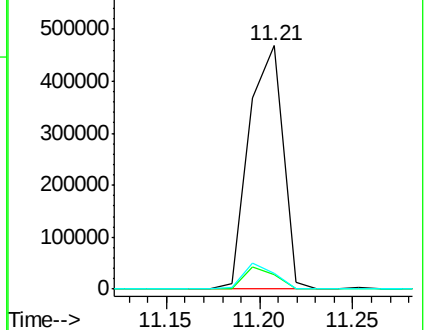
80 6.3 9.6 14.4#

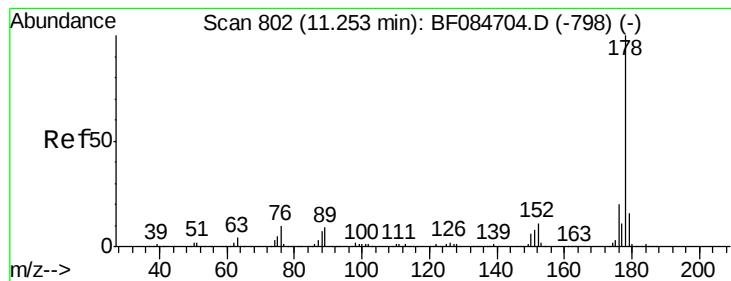


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#70

Phenanthrene

Concen: 40.32 ng

RT: 11.23 min Scan# 800

Delta R.T. -0.00 min

Lab File: BF084820.D

Acq: 4 Feb 2016 7:52

Instrument :

BNA_F

ClientSampleId :

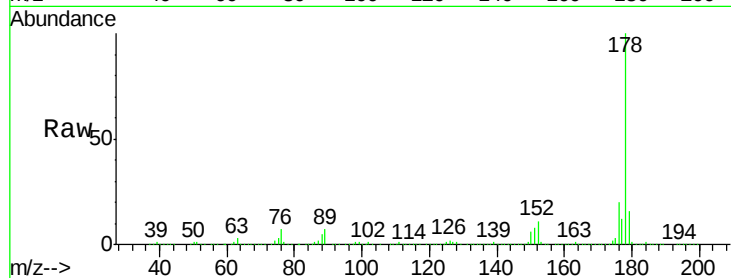
Tot Ion:178 Resp: 1320846

Ion Ratio Lower Upper

178 100

176 20.4 15.3 22.9

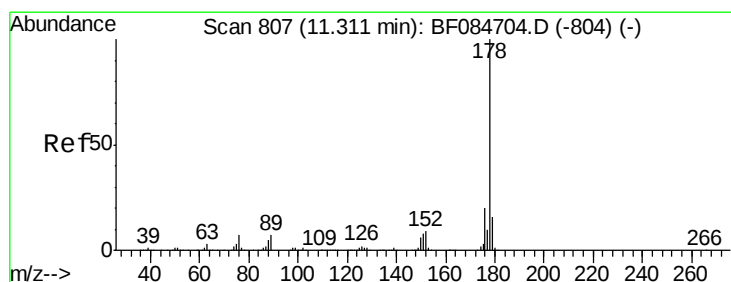
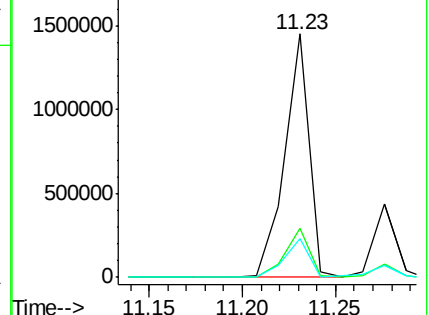
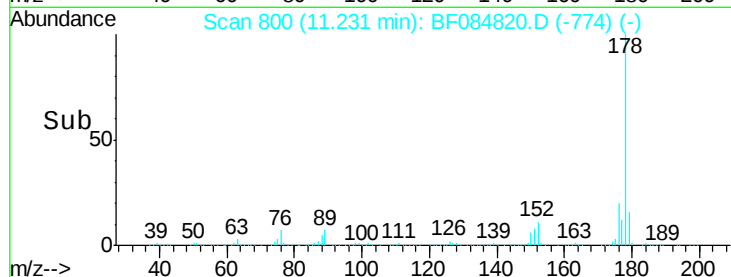
179 16.1 12.0 18.0



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: 10.74 ng

RT: 11.28 min Scan# 804

Delta R.T. -0.01 min

Lab File: BF084820.D

Acq: 4 Feb 2016 7:52

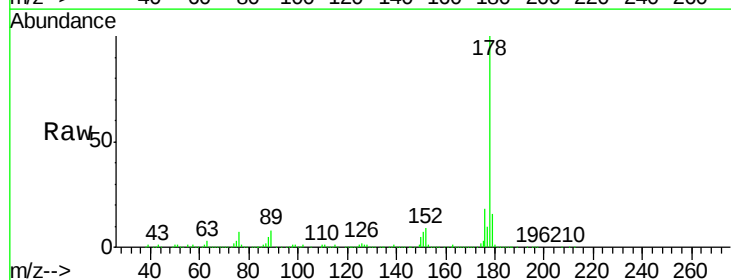
Tgt Ion:178 Resp: 354654

Ion Ratio Lower Upper

178 100

176 17.8 15.4 23.0

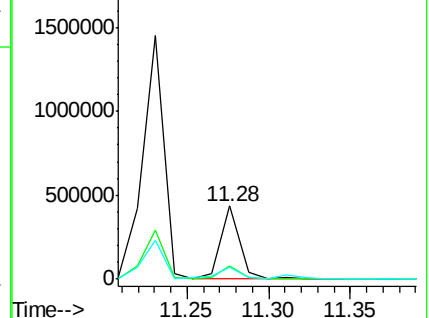
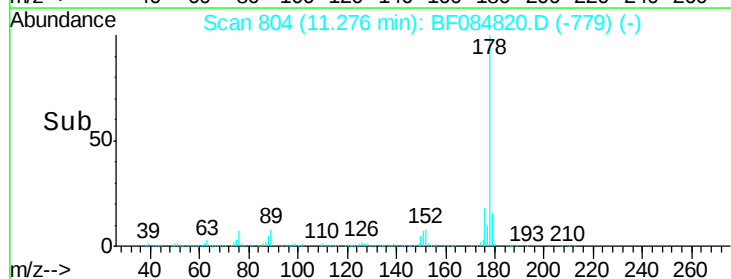
179 15.7 12.5 18.7

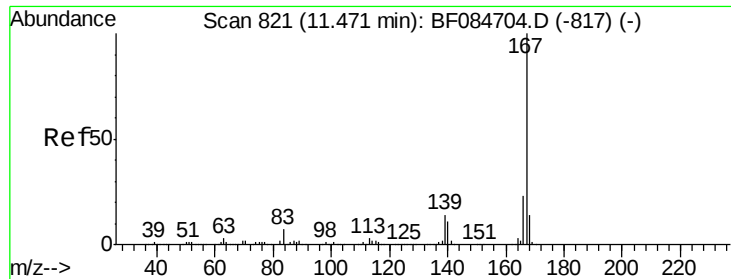


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 3.04 ng

RT: 11.44 min Scan# 818

Delta R.T. -0.01 min

Lab File: BF084820.D

Acq: 4 Feb 2016 7:52

Instrument :

BNA_F

ClientSampled :

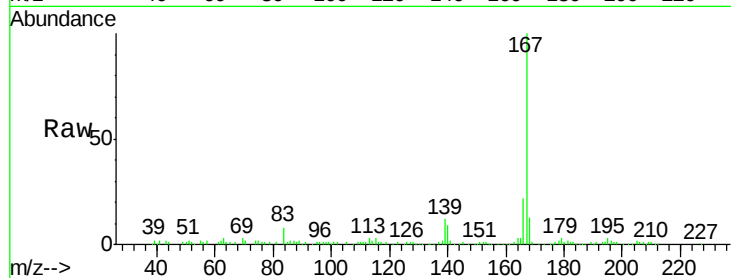
Tot Ion:167 Resp: 87453

Ion Ratio Lower Upper

167 100

166 22.5 17.6 26.4

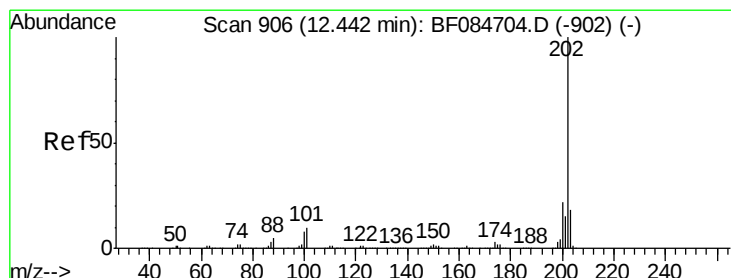
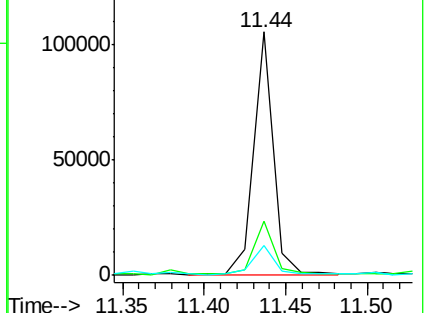
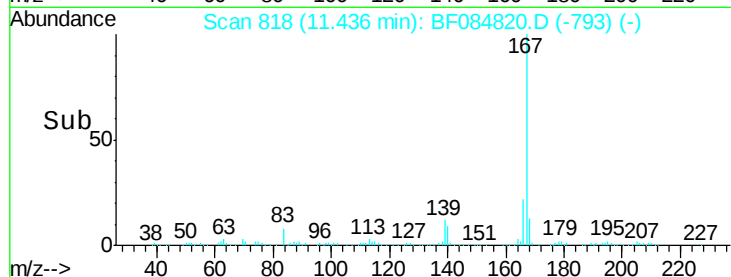
139 12.5 11.8 17.8



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: 42.30 ng

RT: 12.41 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF084820.D

Acq: 4 Feb 2016 7:52

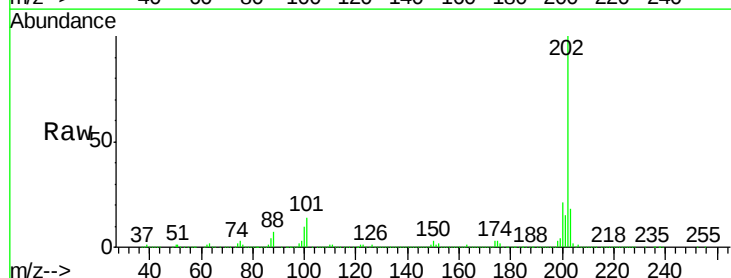
Tgt Ion:202 Resp: 1402398

Ion Ratio Lower Upper

202 100

101 13.9 0.0 32.8

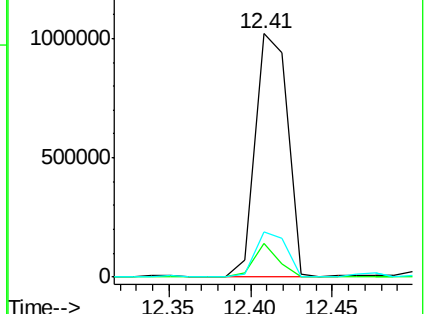
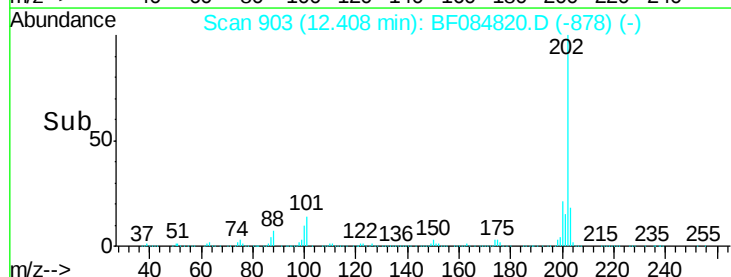
203 18.5 0.0 37.9

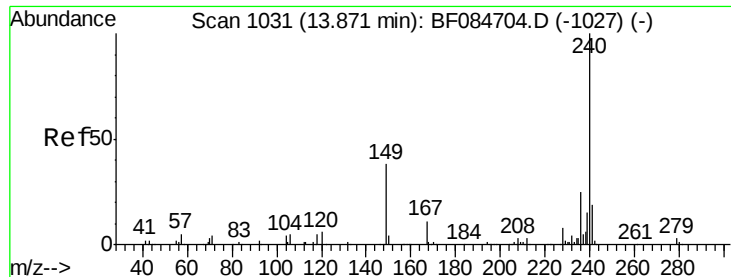


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.84 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BF084820.D

Acq: 4 Feb 2016 7:52

Instrument :

BNA_F

ClientSampleId :

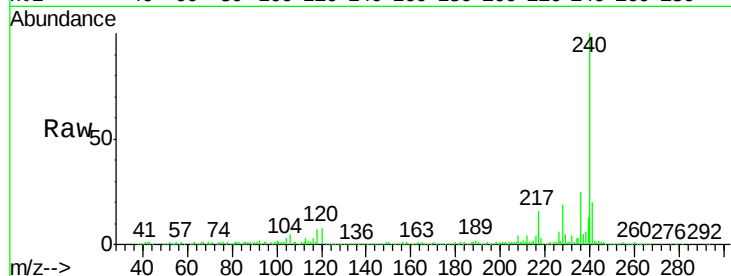
Tot Ion:240 Resp: 393794

Ion Ratio Lower Upper

240 100

120 7.7 9.5 14.3#

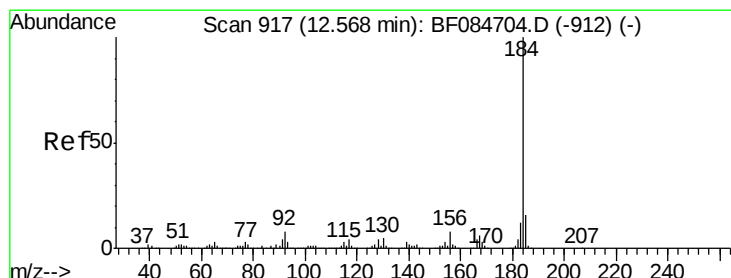
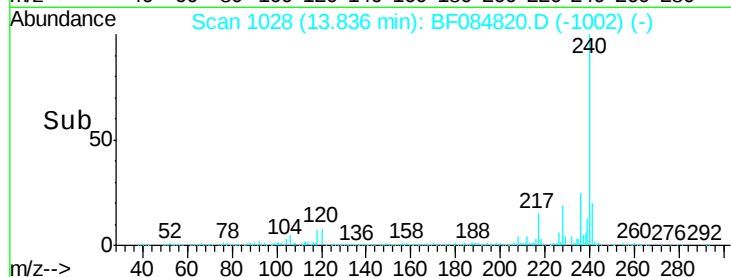
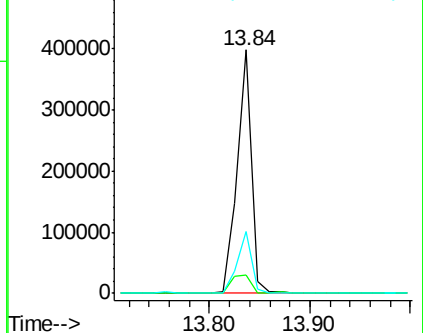
236 25.3 20.6 31.0



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: 7.07 ng

RT: 12.54 min Scan# 915

Delta R.T. -0.00 min

Lab File: BF084820.D

Acq: 4 Feb 2016 7:52

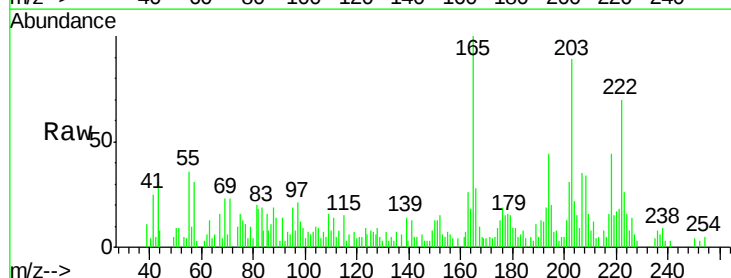
Tgt Ion:184 Resp: 3733

Ion Ratio Lower Upper

184 100

185 50.8 12.2 18.2#

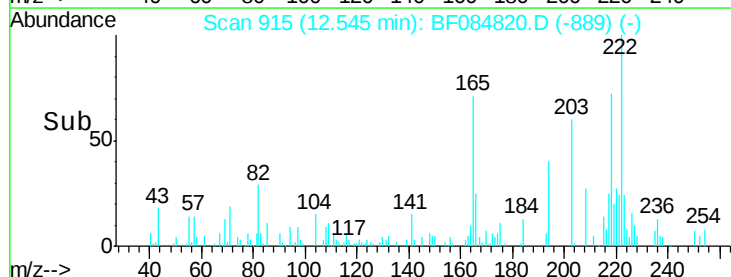
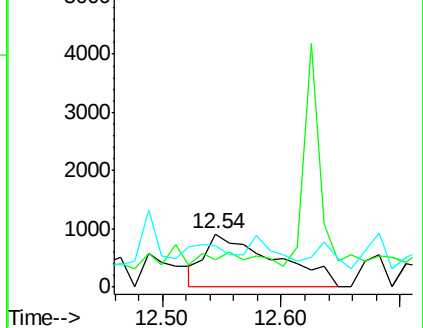
183 78.6 9.8 14.8#

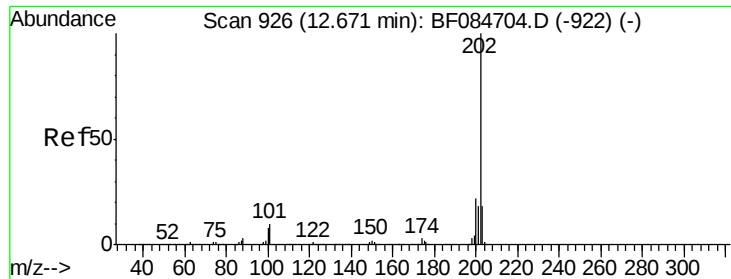


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 39.65 ng

RT: 12.64 min Scan# 923

Delta R.T. -0.00 min

Lab File: BF084820.D

Acq: 4 Feb 2016 7:52

Instrument :
BNA_F
ClientSampleId :

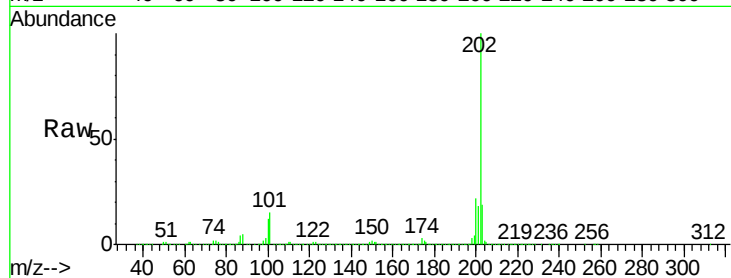
Tot Ion:202 Resp: 1195535

Ion Ratio Lower Upper

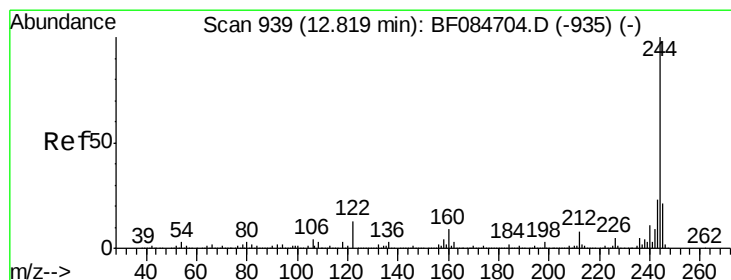
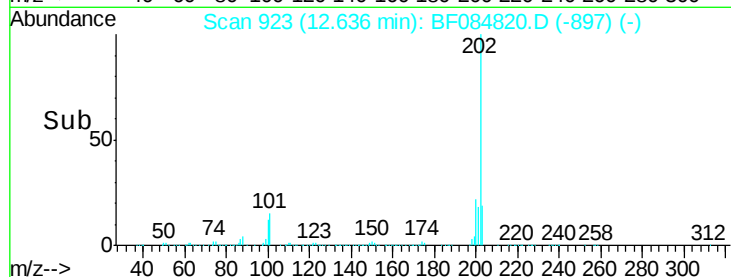
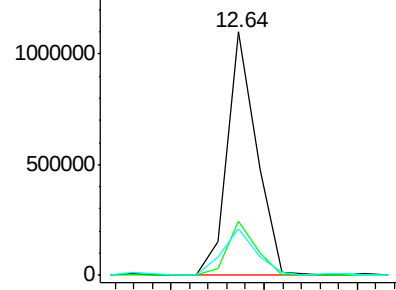
202 100

200 22.1 17.2 25.8

203 19.3 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: 16.34 ng

RT: 12.78 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF084820.D

Acq: 4 Feb 2016 7:52

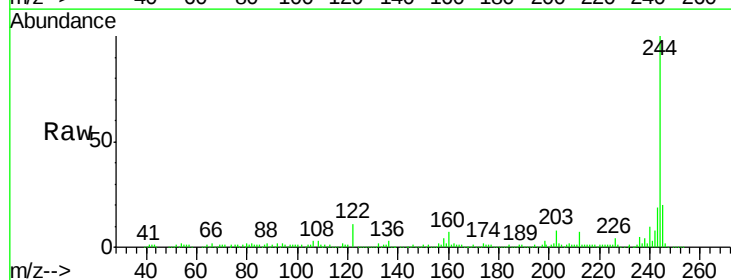
Tgt Ion:244 Resp: 283996

Ion Ratio Lower Upper

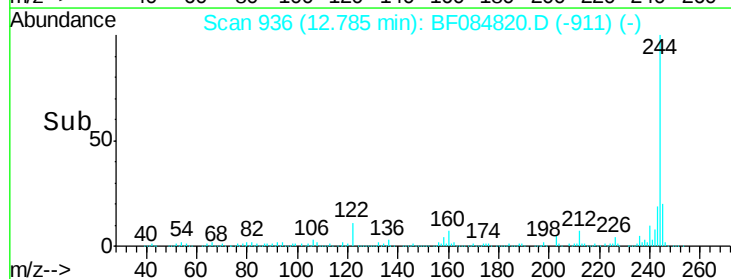
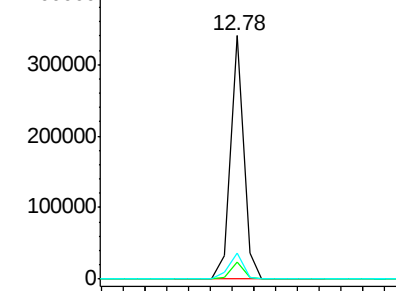
244 100

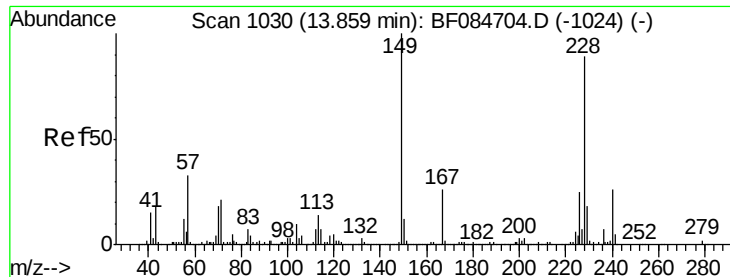
212 7.0 5.7 8.5

122 10.9 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

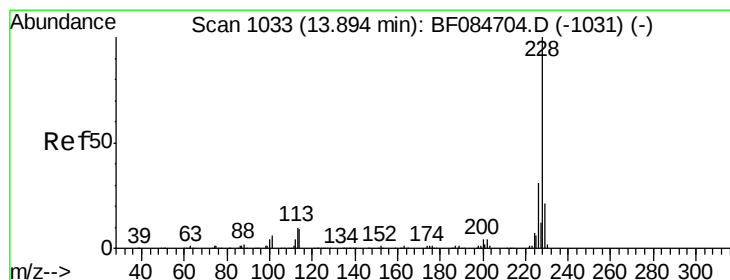
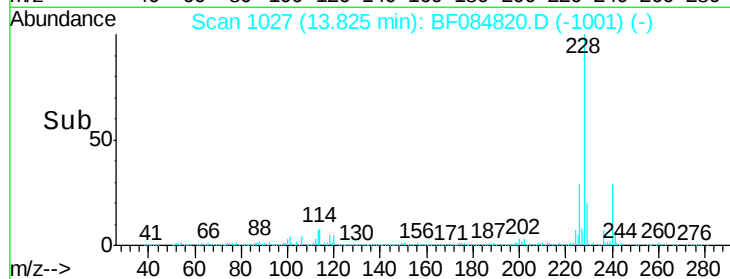
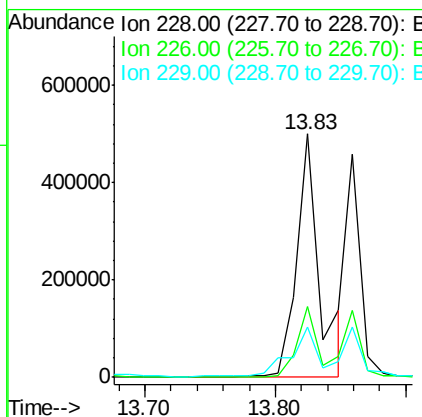
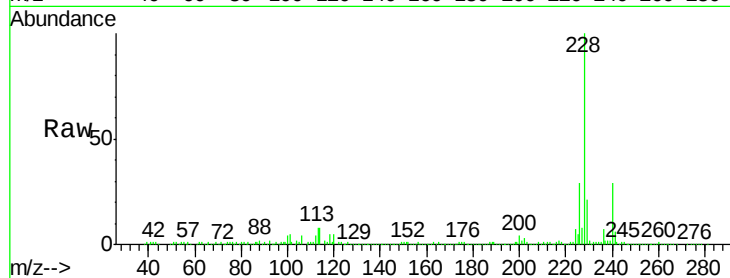




#80
Benzo(a)anthracene
Concen: 24.99 ng
RT: 13.83 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BF084820.D
Acq: 4 Feb 2016 7:52

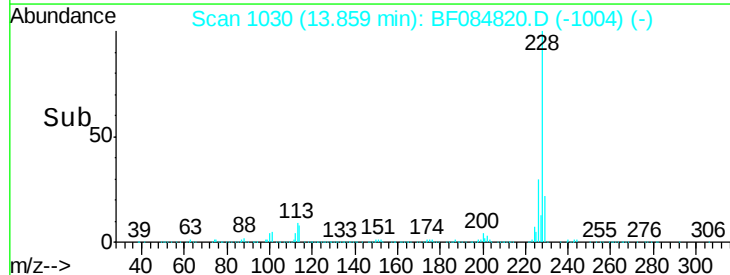
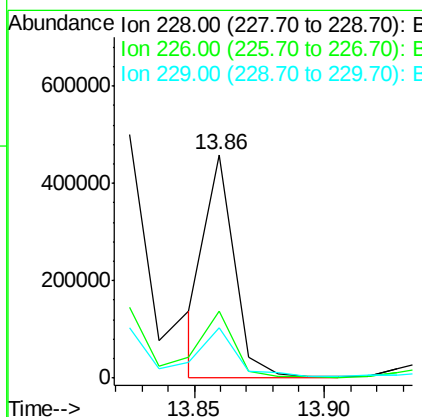
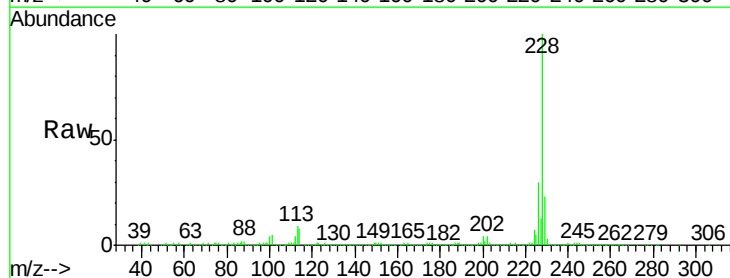
Instrument :
BNA_F
ClientSampleId :

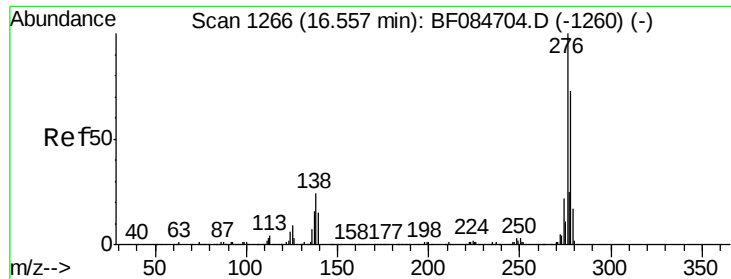
Tot Ion:228 Resp: 610785
Ion Ratio Lower Upper
228 100
226 28.9 21.8 32.6
229 20.6 15.8 23.8



#82
Chrysene
Concen: 14.84 ng
RT: 13.86 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF084820.D
Acq: 4 Feb 2016 7:52

Tgt Ion:228 Resp: 351796
Ion Ratio Lower Upper
228 100
226 30.1 24.3 36.5
229 22.7 16.1 24.1

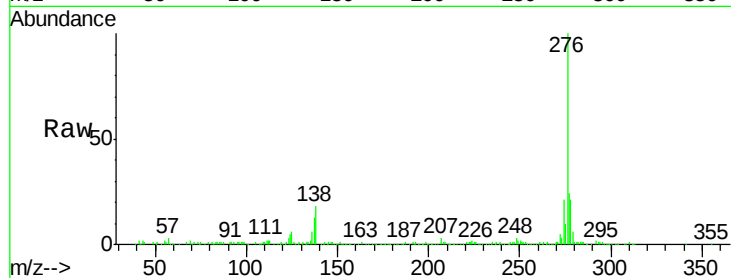




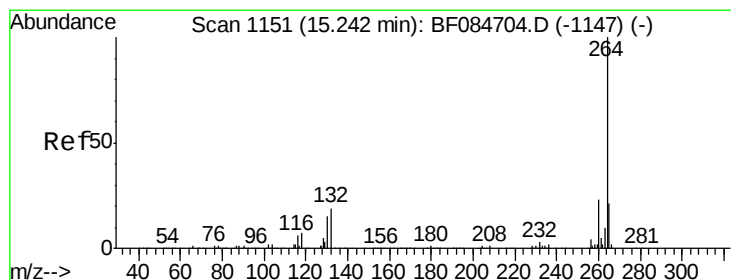
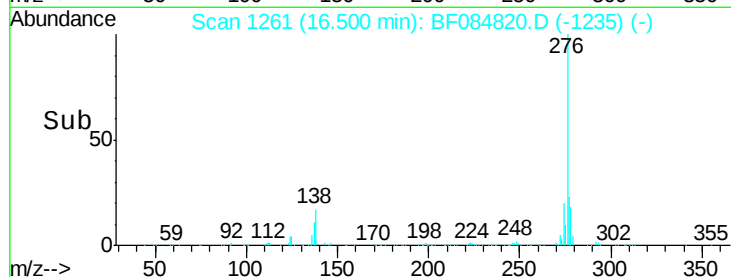
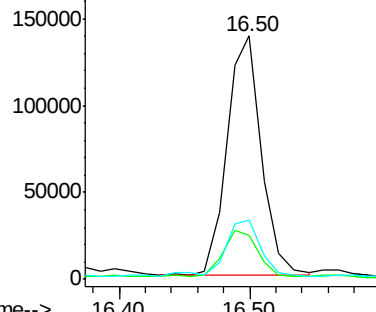
#85
Indeno(1,2,3-cd)pyrene
Concen: 13.61 ng
RT: 16.50 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BF084820.D
Acq: 4 Feb 2016 7:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.9	20.6	30.8
277	25.9	20.1	30.1

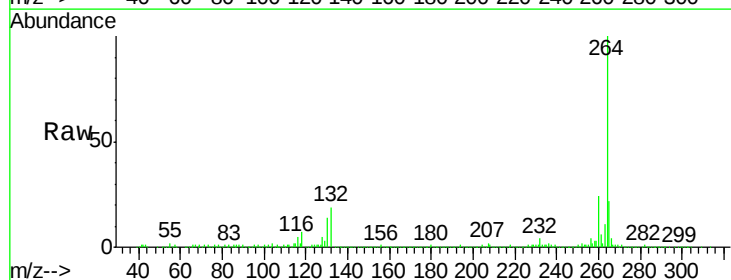


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

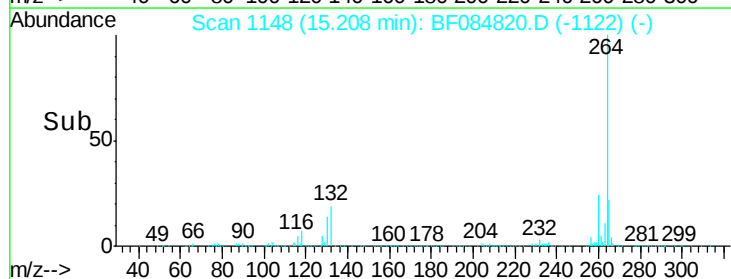
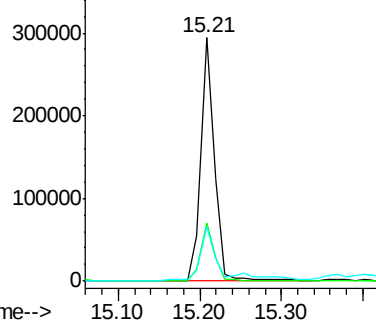


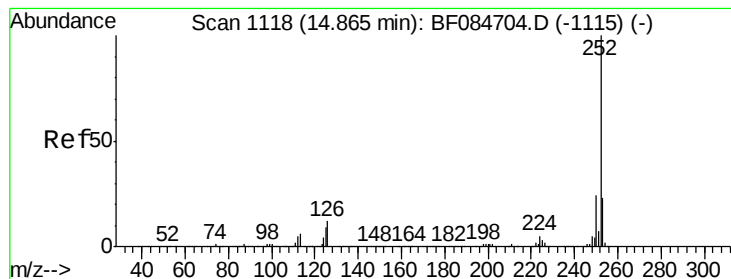
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.21 min Scan# 1148
Delta R.T. -0.00 min
Lab File: BF084820.D
Acq: 4 Feb 2016 7:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	22.3	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: 30.03 ng

RT: 14.83 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BF084820.D

Acq: 4 Feb 2016 7:52

Instrument :

BNA_F

ClientSampled :

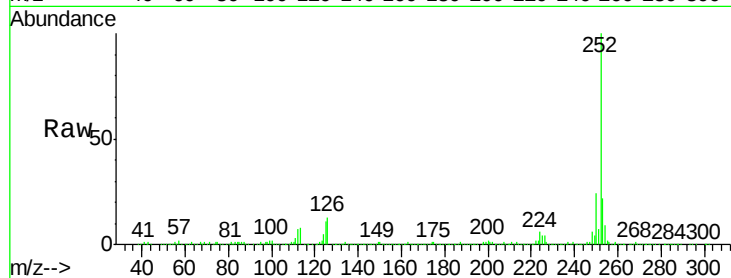
Tot Ion:252 Resp: 687327

Ion Ratio Lower Upper

252 100

253 22.2 17.3 25.9

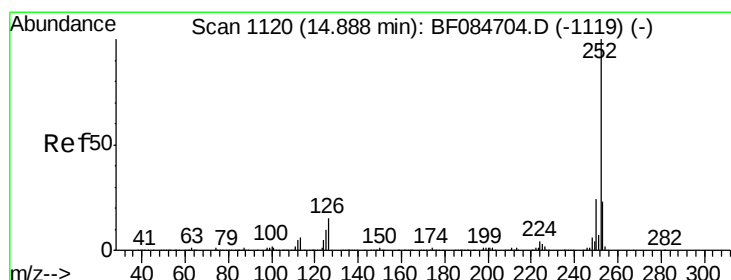
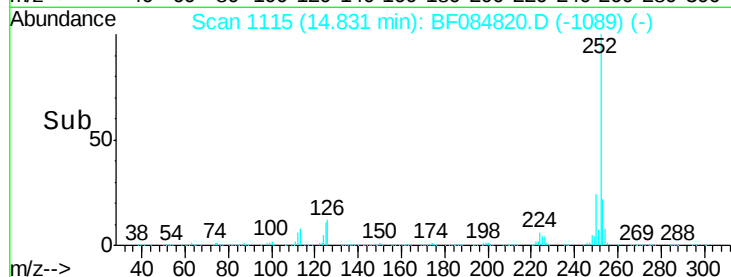
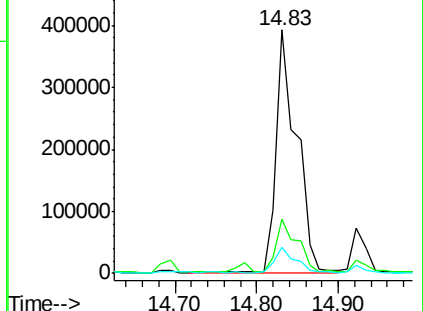
125 10.9 6.5 9.7#



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: 36.32 ng

RT: 14.83 min Scan# 1115

Delta R.T. -0.02 min

Lab File: BF084820.D

Acq: 4 Feb 2016 7:52

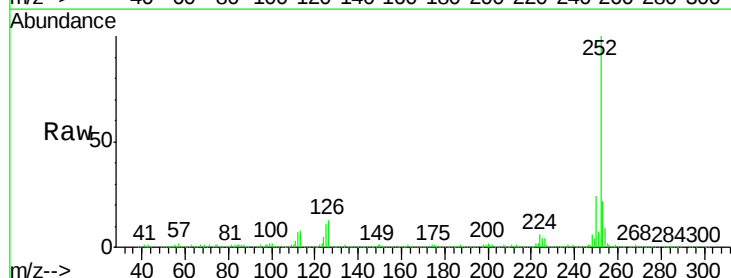
Tgt Ion:252 Resp: 687327

Ion Ratio Lower Upper

252 100

253 22.2 18.1 27.1

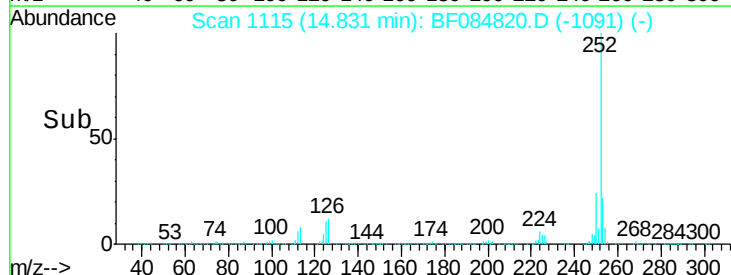
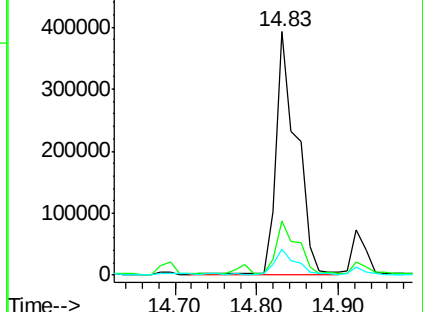
125 10.9 9.0 13.6

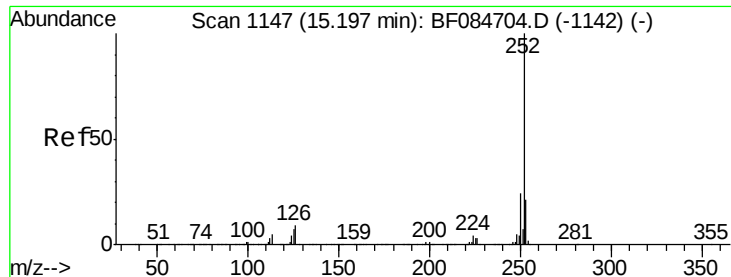


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

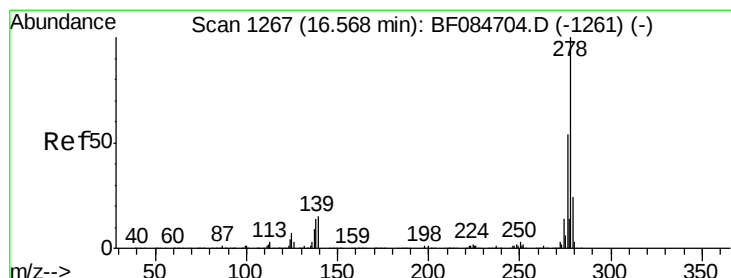
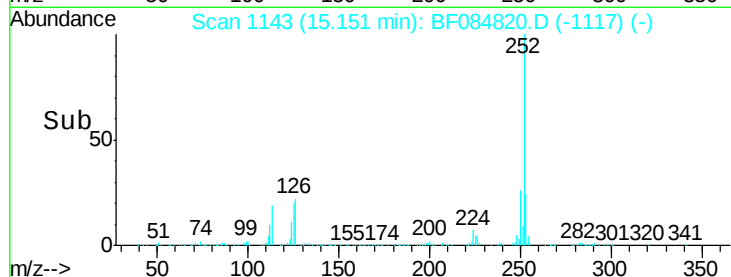
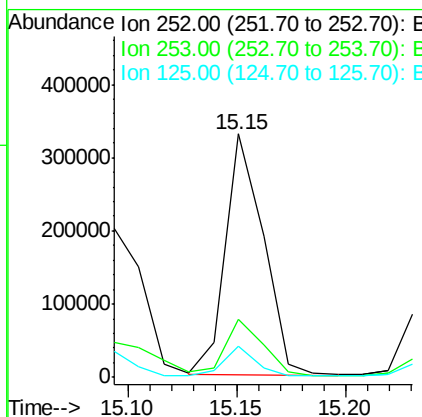
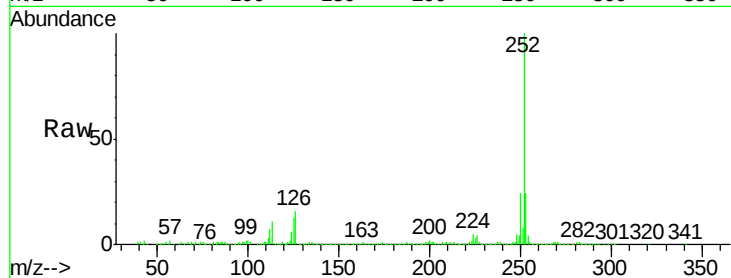




#89
Benzo(a)pyrene
Concen: 20.49 ng
RT: 15.15 min Scan# 1143
Delta R.T. -0.00 min
Lab File: BF084820.D
Acq: 4 Feb 2016 7:52

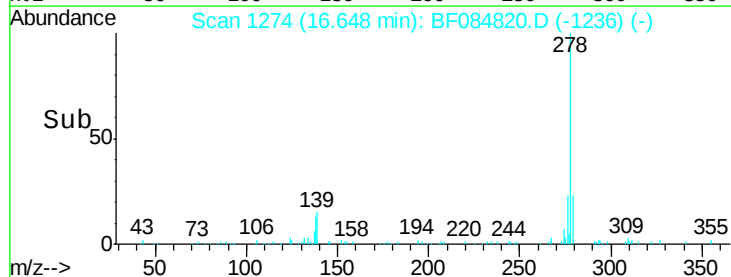
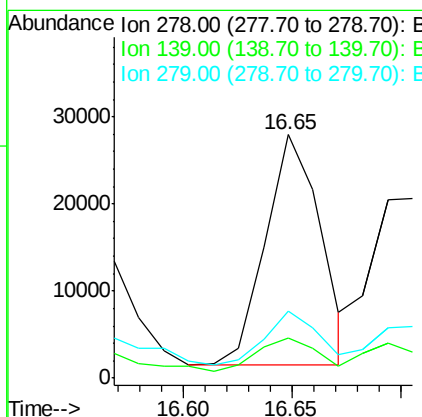
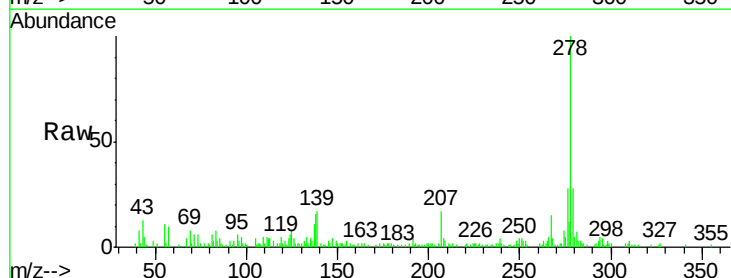
Instrument :
BNA_F
ClientSampleId :

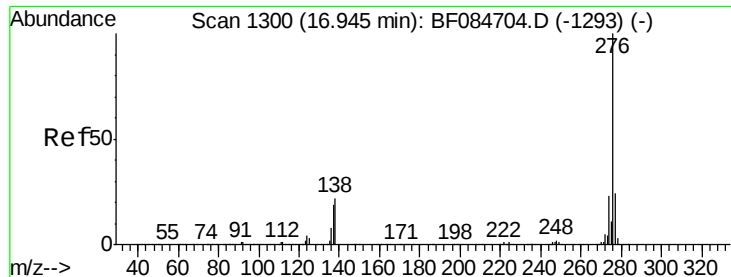
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.3	25.9
125	12.6	7.0	10.4



#90
Dibenzo(a,h)anthracene
Concen: 2.87 ng
RT: 16.65 min Scan# 1274
Delta R.T. 0.14 min
Lab File: BF084820.D
Acq: 4 Feb 2016 7:52

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.7	15.0	22.4
279	27.5	18.9	28.3





#91

Benzo(a,h,i)perylene

Concen: 16.04 ng

RT: 16.89 min Scan# 1295

Delta R.T. -0.00 min

Lab File: BF084820.D

Acq: 4 Feb 2016 7:52

Instrument :

BNA_F

ClientSampleId :

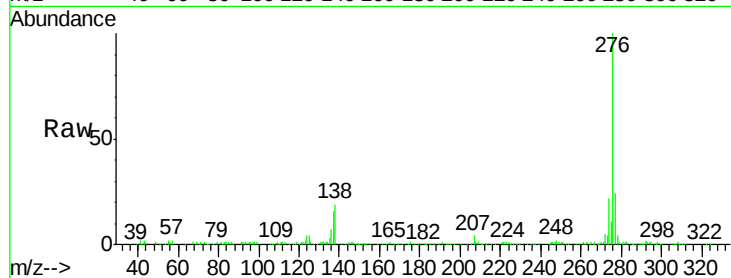
Tot Ion: 276 Resp: 265217

Ion Ratio Lower Upper

276 100

277 23.7 18.8 28.2

138 18.8 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

