

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092415\
 Data File : BF081783.D
 Acq On : 25 Sep 2015 1:03
 Operator : UM/IZ
 Sample : G3708-08DL2 100X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MGP201-19-20DL2

Quant Time: Sep 25 07:07:51 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 25 06:04:07 2015
 Response via : Initial Calibration

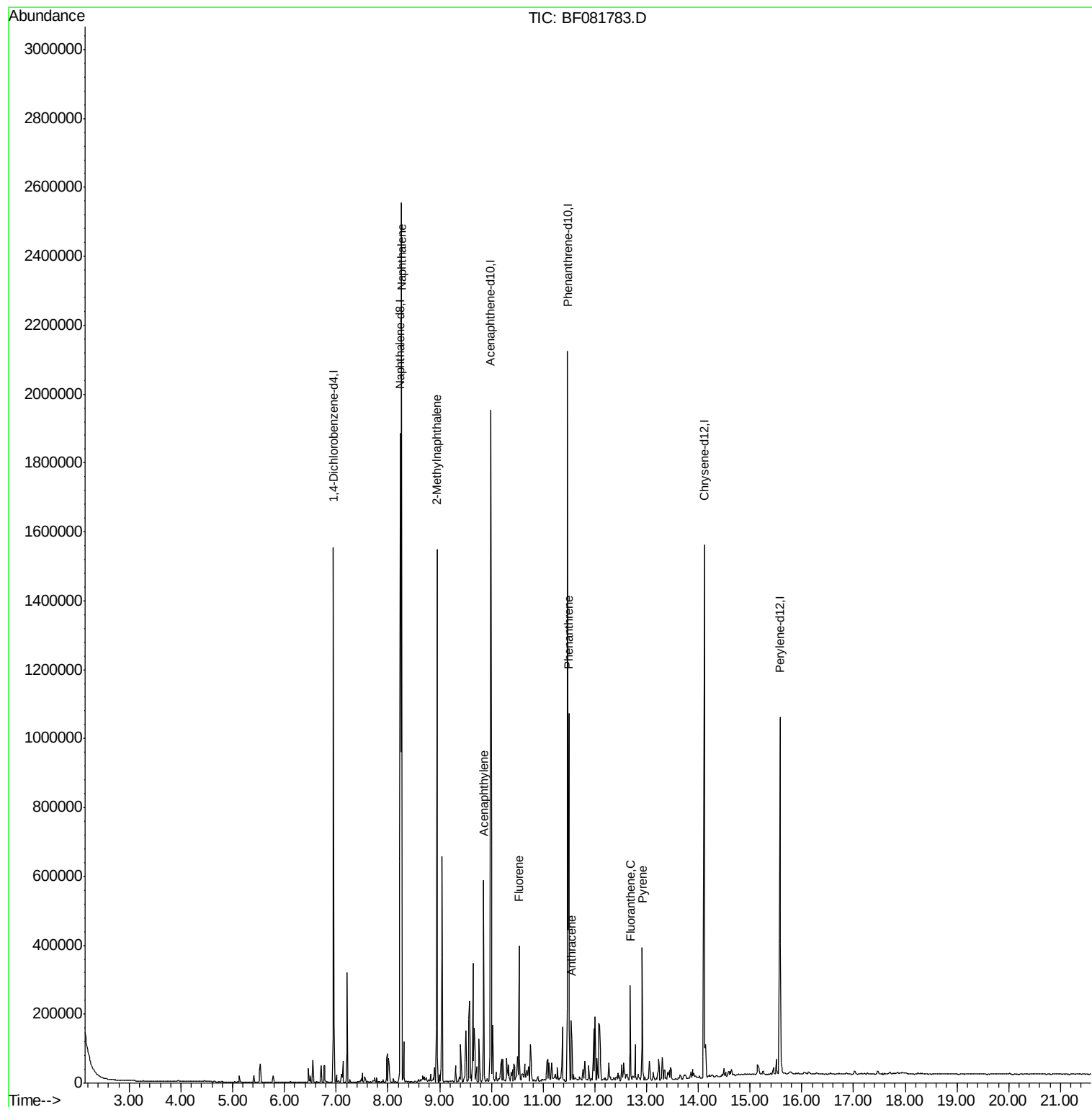
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	207609	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	863630	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	400553	20.00	ng	-0.01
63) Phenanthrene-d10	11.47	188	739244	20.00	ng	0.00
75) Chrysene-d12	14.12	240	596317	20.00	ng	0.00
86) Perylene-d12	15.58	264	490628	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	11845	0.97	ng	-0.01
7) Phenol-d6	6.55	99	15200	0.98	ng	-0.02
23) Nitrobenzene-d5	7.51	82	7145	0.55	ng	-0.01
41) 2,4,6-Tribromophenol	10.78	330	1374	0.40	ng	-0.01
44) 2-Fluorobiphenyl	9.30	172	19296	0.79	ng	-0.01
78) Terphenyl-d14	13.05	244	18563	0.71	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	8.26	128	1144658	28.73	ng	97
37) 2-Methylnaphthalene	8.95	142	364677	12.84	ng	# 90
48) Acenaphthylene	9.85	152	224310	5.26	ng	97
57) Fluorene	10.54	166	126968	4.59	ng	91
70) Phenanthrene	11.50	178	367969	8.71	ng	96
71) Anthracene	11.54	178	98043	2.41	ng	99
74) Fluoranthene	12.69	202	108651	2.55	ng	88
77) Pyrene	12.91	202	155434	3.46	ng	97

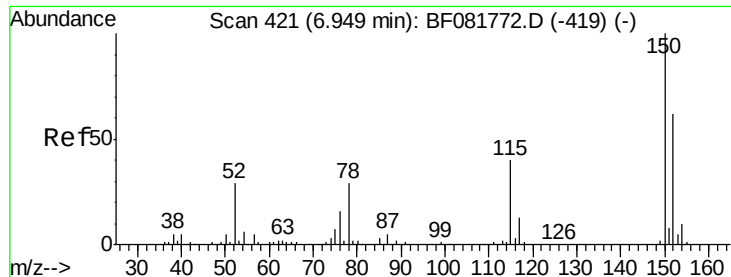
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.95 min Scan# 421

Delta R.T. -0.00 min

Lab File: BF081783.D

Acq: 25 Sep 2015 1:03

Instrument :

BNA_F

ClientSampleId :

MGP201-19-20DL2

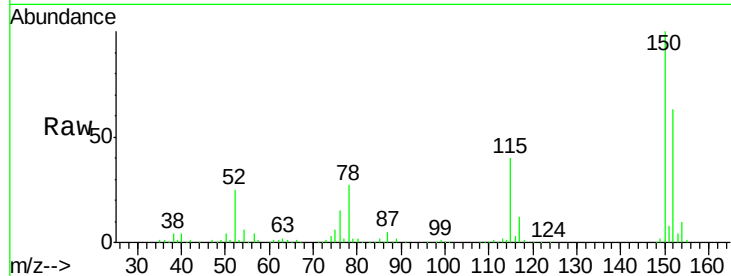
Tgt Ion:152 Resp: 207609

Ion Ratio Lower Upper

152 100

150 158.8 124.7 187.1

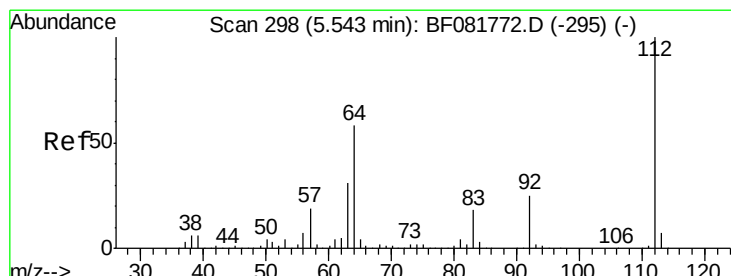
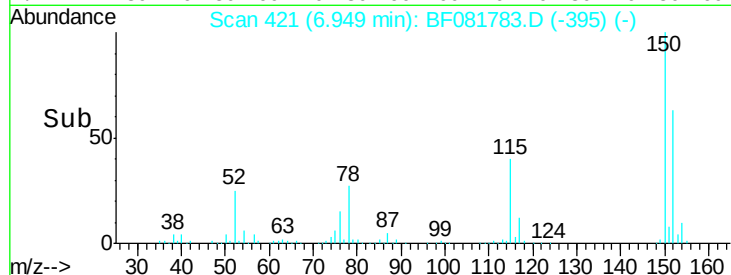
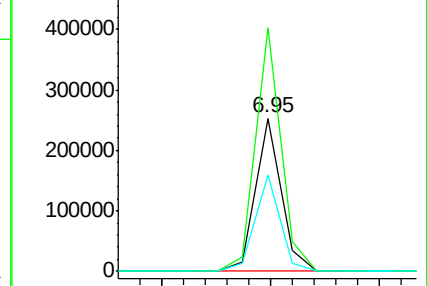
115 62.7 39.0 58.4#



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: 0.97 ng

RT: 5.53 min Scan# 297

Delta R.T. -0.01 min

Lab File: BF081783.D

Acq: 25 Sep 2015 1:03

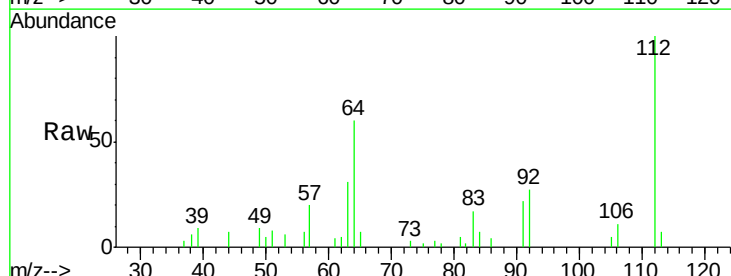
Tgt Ion:112 Resp: 11845

Ion Ratio Lower Upper

112 100

64 59.5 39.7 59.5

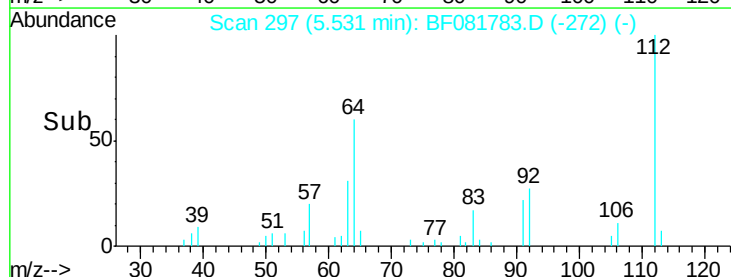
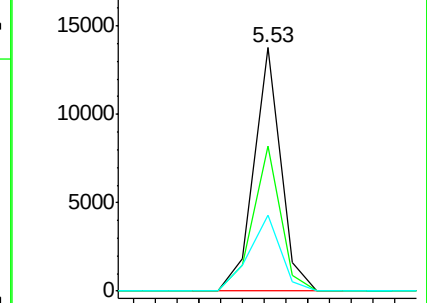
63 31.2 17.4 26.0#

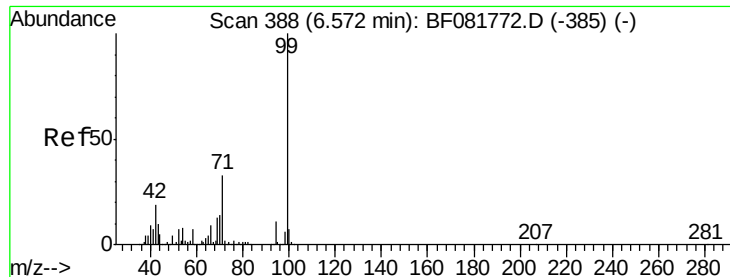


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 0.98 ng

RT: 6.55 min Scan# 386

Delta R.T. -0.02 min

Lab File: BF081783.D

Acq: 25 Sep 2015 1:03

Instrument :

BNA_F

ClientSampleId :

MGP201-19-20DL2

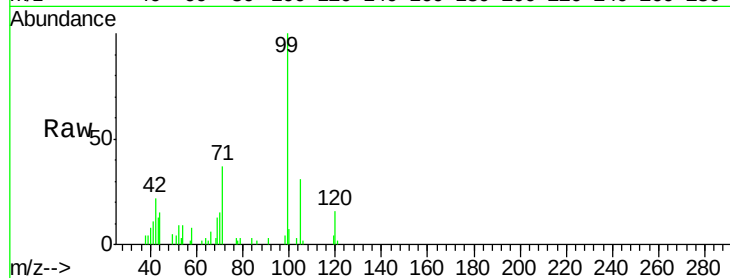
Tgt Ion: 99 Resp: 15200

Ion Ratio Lower Upper

99 100

42 22.1 13.7 20.5#

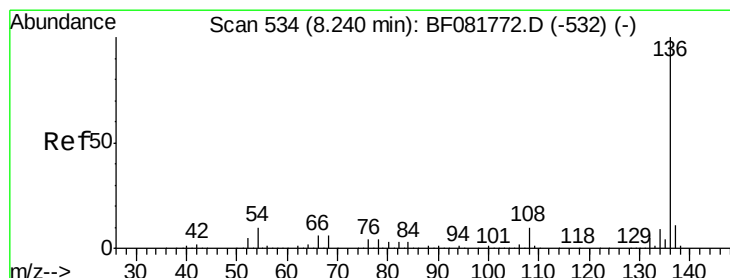
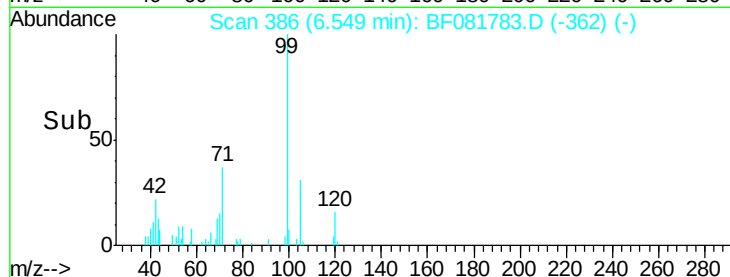
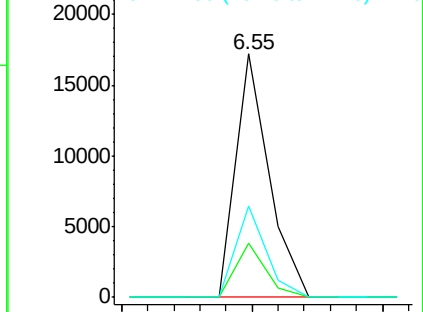
71 37.3 14.2 21.2#



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: 8.24 min Scan# 534

Delta R.T. -0.00 min

Lab File: BF081783.D

Acq: 25 Sep 2015 1:03

Tgt Ion: 136 Resp: 863630

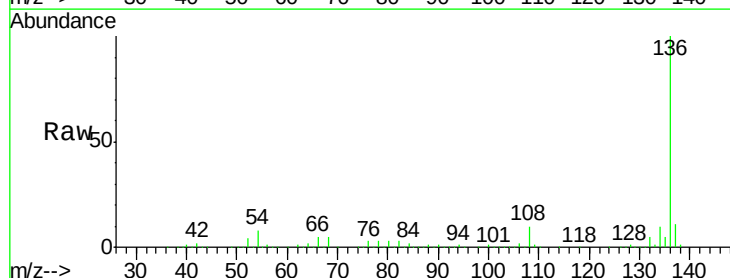
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.6

54 8.4 8.2 12.2

68 5.4 5.8 8.6#

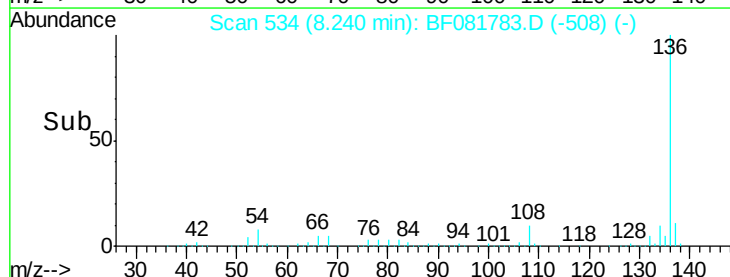
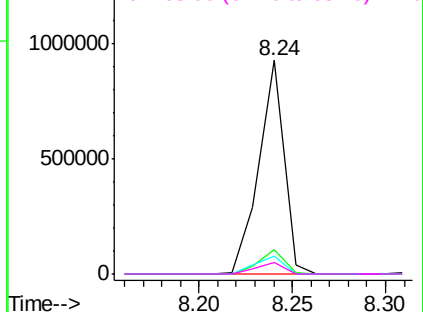


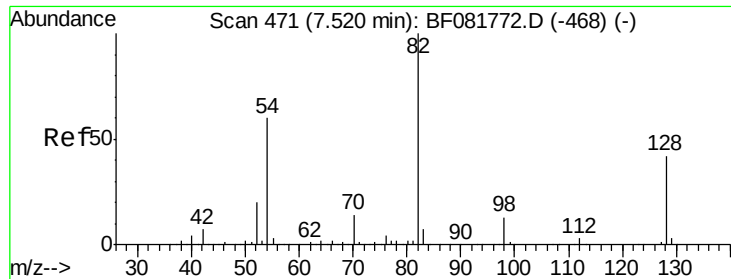
Abundance Ion 136.00 (135.70 to 136.70): E

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

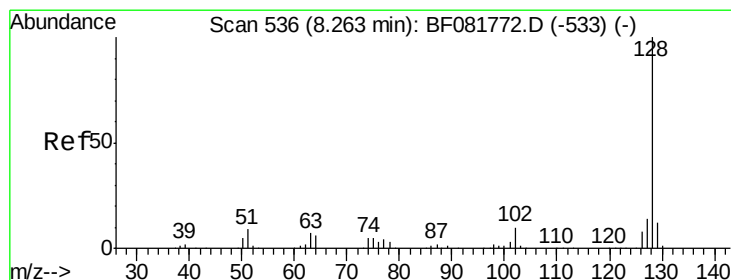
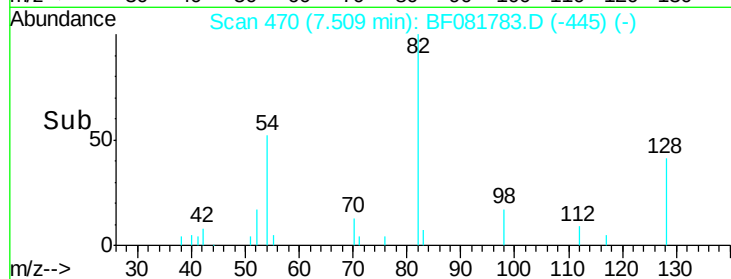
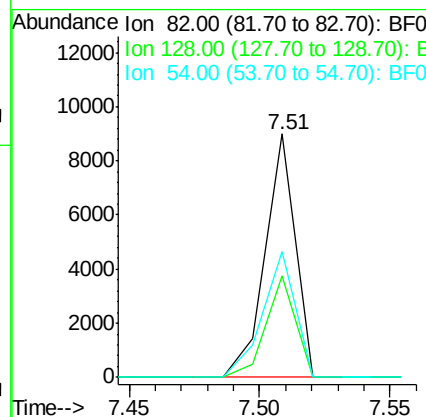
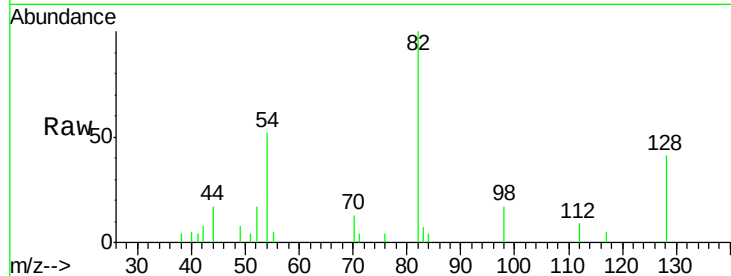




#23
 Nitrobenzene-d5
 Concen: 0.55 ng
 RT: 7.51 min Scan# 470
 Delta R.T. -0.01 min
 Lab File: BF081783.D
 Acq: 25 Sep 2015 1:03

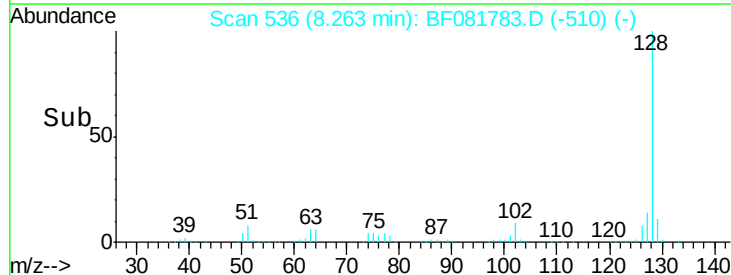
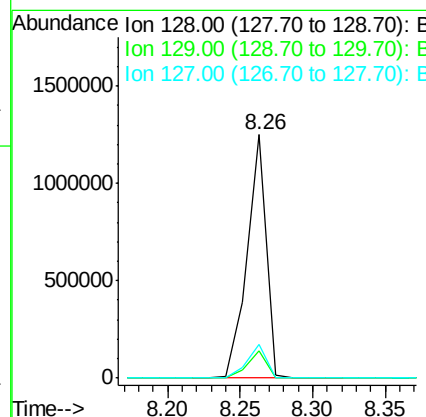
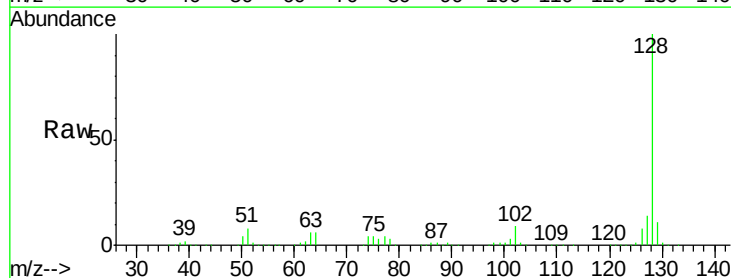
Instrument :
 BNA_F
 ClientSampleId :
 MGP201-19-20DL2

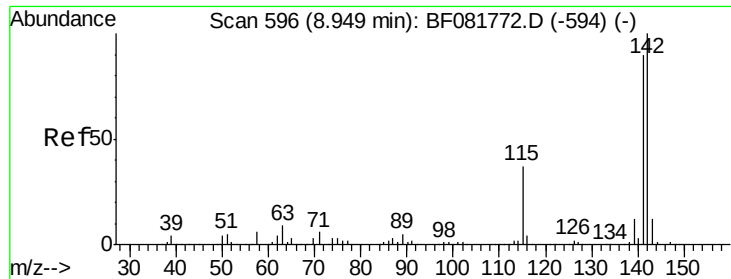
Tgt Ion: 82 Resp: 7145
 Ion Ratio Lower Upper
 82 100
 128 41.5 51.0 76.6#
 54 51.8 47.5 71.3



#31
 Naphthalene
 Concen: 28.73 ng
 RT: 8.26 min Scan# 536
 Delta R.T. -0.00 min
 Lab File: BF081783.D
 Acq: 25 Sep 2015 1:03

Tgt Ion: 128 Resp: 1144658
 Ion Ratio Lower Upper
 128 100
 129 11.4 8.4 12.6
 127 14.0 9.9 14.9

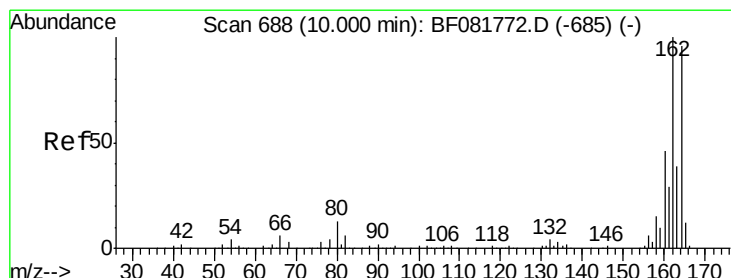
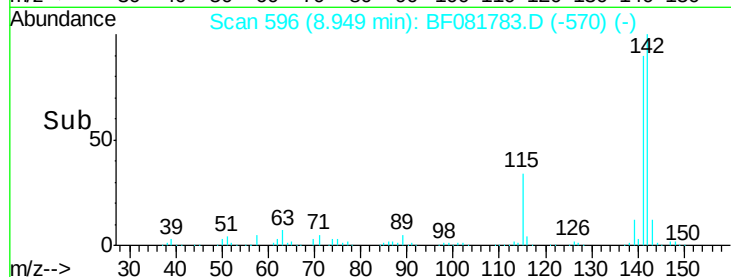
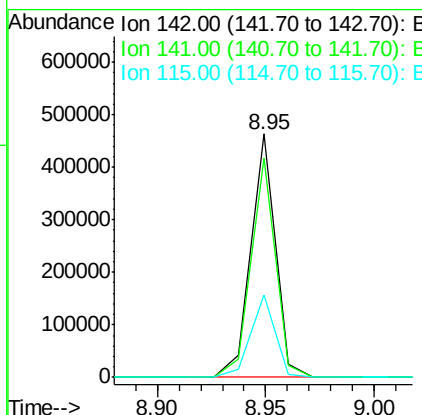
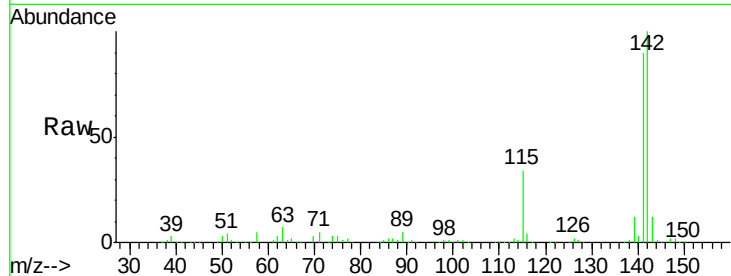




#37
 2-Methylnaphthalene
 Concen: 12.84 ng
 RT: 8.95 min Scan# 596
 Delta R.T. -0.00 min
 Lab File: BF081783.D
 Acq: 25 Sep 2015 1:03

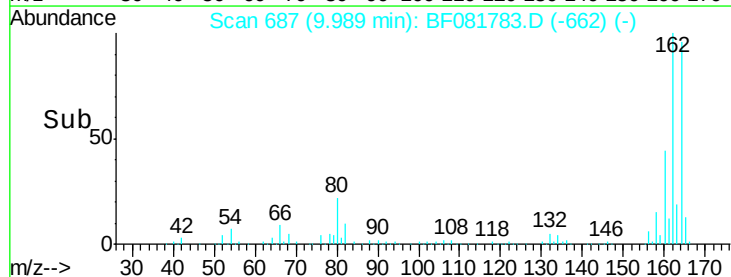
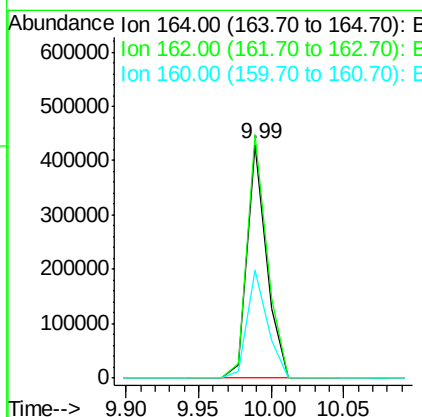
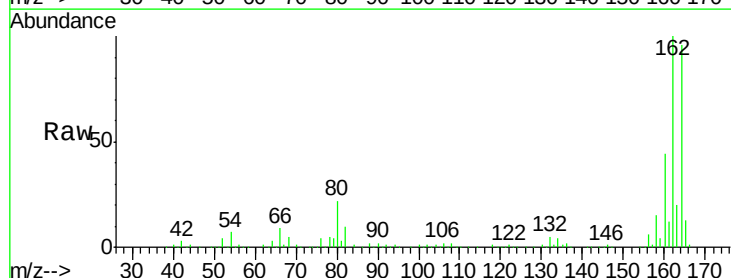
Instrument :
 BNA_F
 ClientSampleId :
 MGP201-19-20DL2

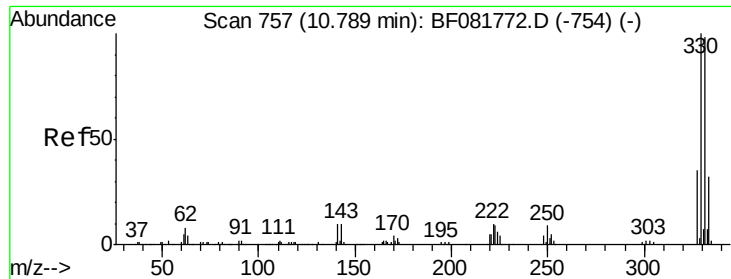
Tgt Ion:142 Resp: 364677
 Ion Ratio Lower Upper
 142 100
 141 90.2 67.5 101.3
 115 33.9 18.2 27.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.99 min Scan# 687
 Delta R.T. -0.01 min
 Lab File: BF081783.D
 Acq: 25 Sep 2015 1:03

Tgt Ion:164 Resp: 400553
 Ion Ratio Lower Upper
 164 100
 162 104.3 75.2 112.8
 160 46.1 31.5 47.3

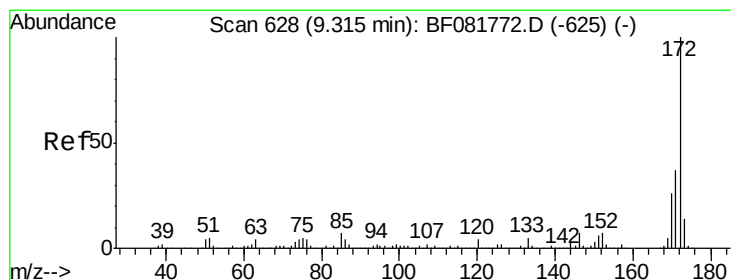
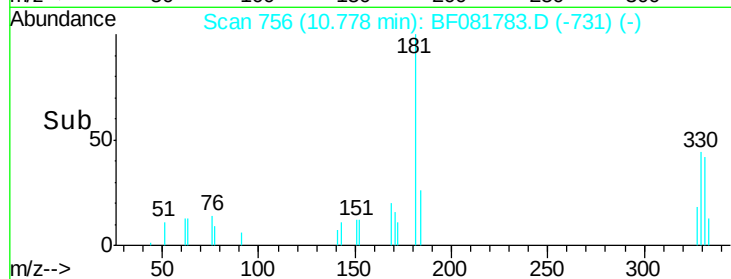
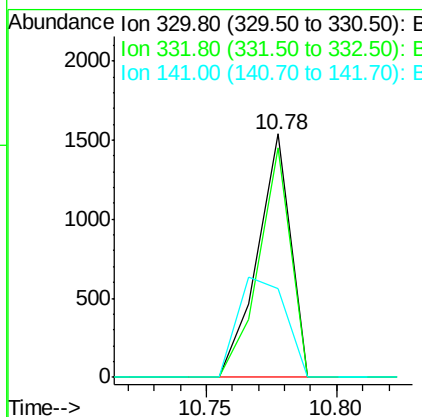
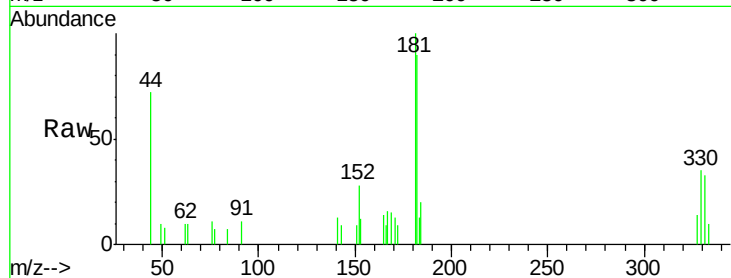




#41
 2,4,6-Tribromophenol
 Concen: 0.40 ng
 RT: 10.78 min Scan# 756
 Delta R.T. -0.01 min
 Lab File: BF081783.D
 Acq: 25 Sep 2015 1:03

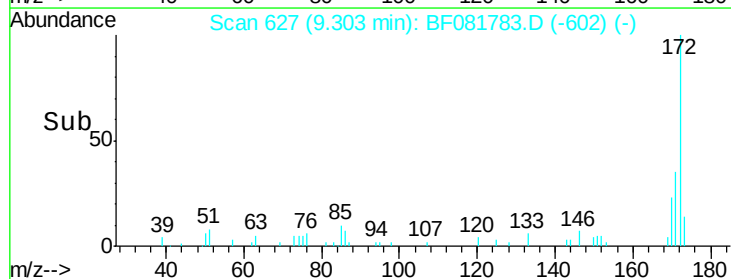
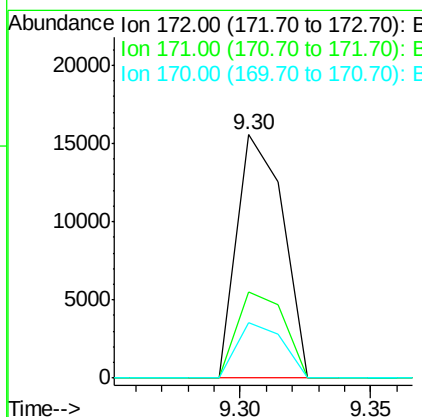
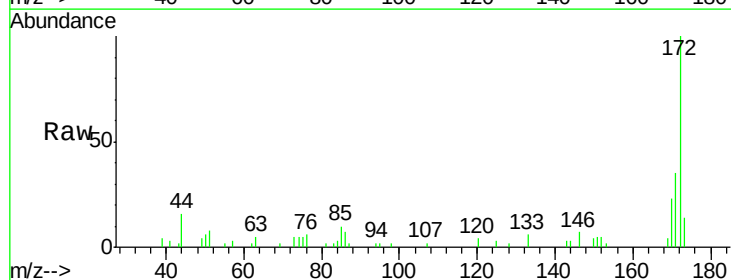
Instrument :
 BNA_F
 ClientSampleId :
 MGP201-19-20DL2

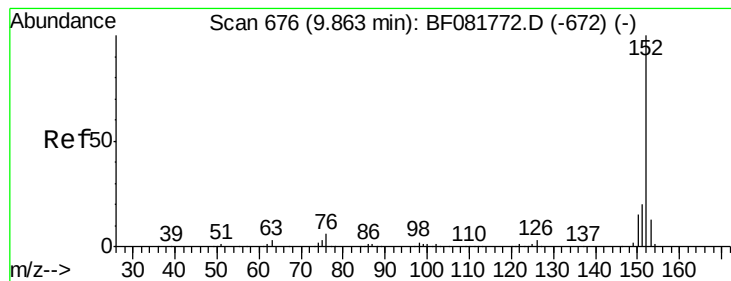
Tgt Ion: 330 Resp: 1374
 Ion Ratio Lower Upper
 330 100
 332 90.6 76.6 114.8
 141 59.8 29.7 44.5#



#44
 2-Fluorobiphenyl
 Concen: 0.79 ng
 RT: 9.30 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF081783.D
 Acq: 25 Sep 2015 1:03

Tgt Ion: 172 Resp: 19296
 Ion Ratio Lower Upper
 172 100
 171 35.2 26.1 39.1
 170 23.0 17.4 26.2





#48

Acenaphthylene

Concen: 5.26 ng

RT: 9.85 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF081783.D

Acq: 25 Sep 2015 1:03

Instrument :

BNA_F

ClientSampleId :

MGP201-19-20DL2

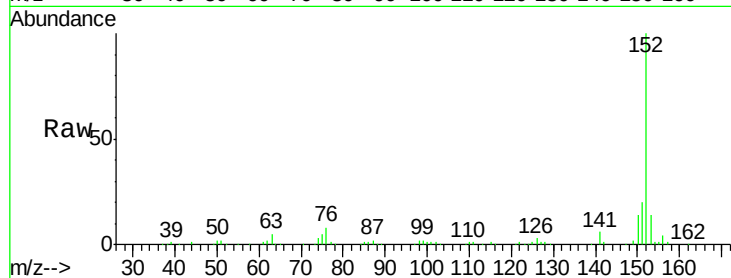
Tgt Ion:152 Resp: 224310

Ion Ratio Lower Upper

152 100

151 19.6 14.6 22.0

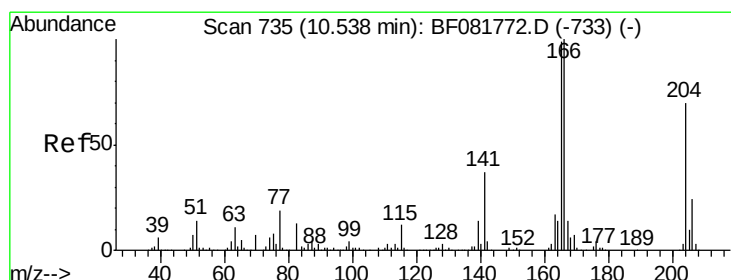
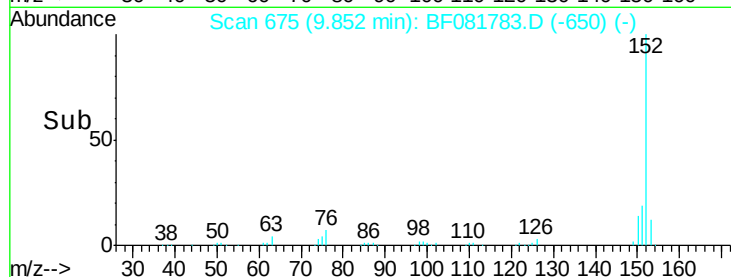
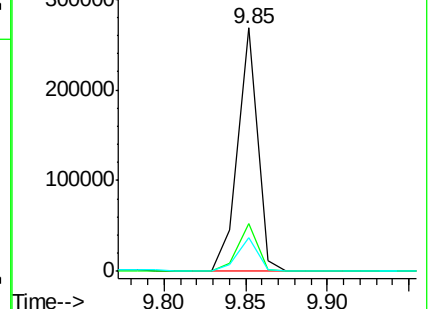
153 13.7 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#57

Fluorene

Concen: 4.59 ng

RT: 10.54 min Scan# 735

Delta R.T. -0.00 min

Lab File: BF081783.D

Acq: 25 Sep 2015 1:03

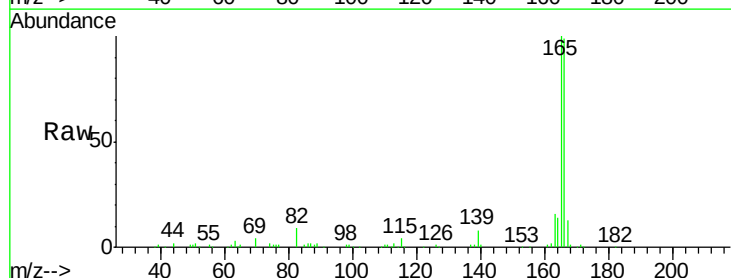
Tgt Ion:166 Resp: 126968

Ion Ratio Lower Upper

166 100

165 100.7 72.6 109.0

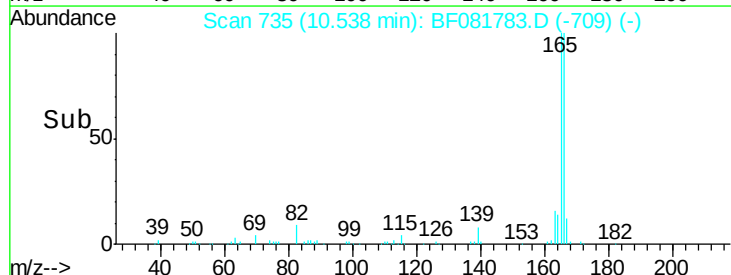
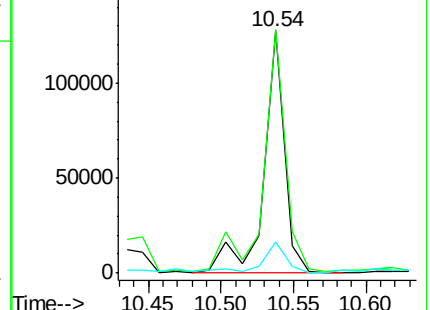
167 13.0 10.6 16.0

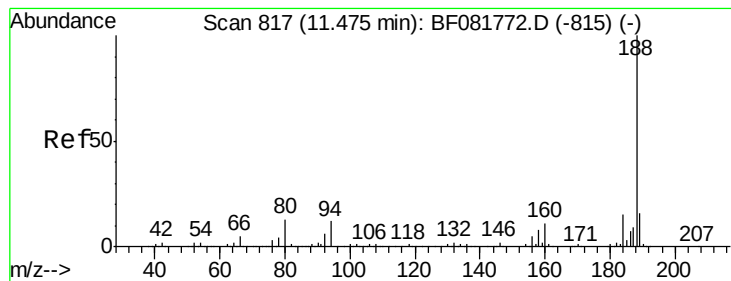


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.47 min Scan# 817

Delta R.T. -0.00 min

Lab File: BF081783.D

Acq: 25 Sep 2015 1:03

Instrument :

BNA_F

ClientSampleId :

MGP201-19-20DL2

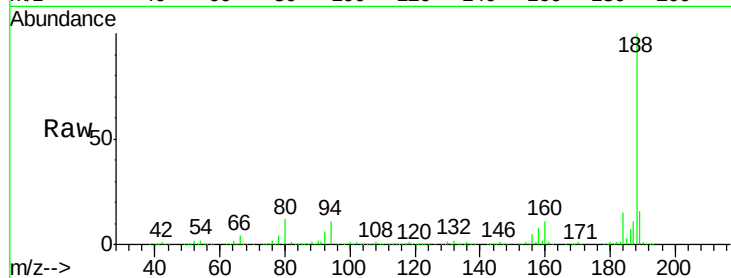
Tgt Ion:188 Resp: 739244

Ion Ratio Lower Upper

188 100

94 10.6 11.1 16.7#

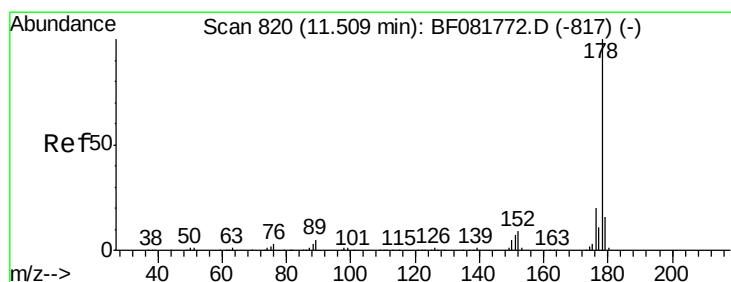
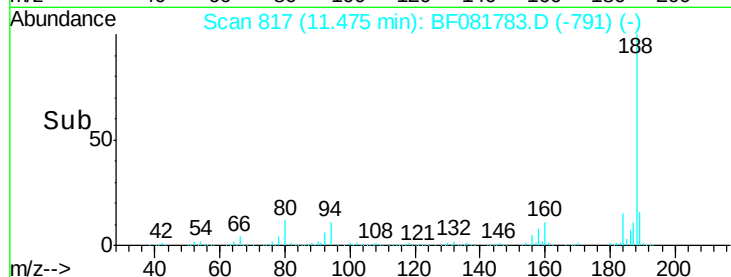
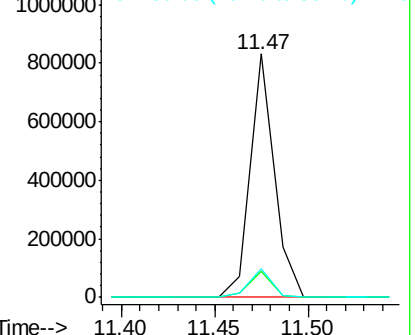
80 11.6 11.0 16.4



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: 8.71 ng

RT: 11.50 min Scan# 819

Delta R.T. -0.01 min

Lab File: BF081783.D

Acq: 25 Sep 2015 1:03

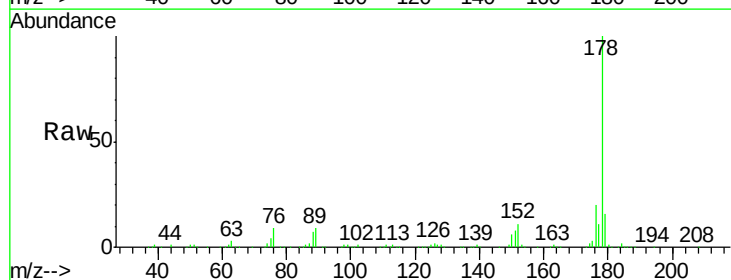
Tgt Ion:178 Resp: 367969

Ion Ratio Lower Upper

178 100

176 19.9 13.8 20.8

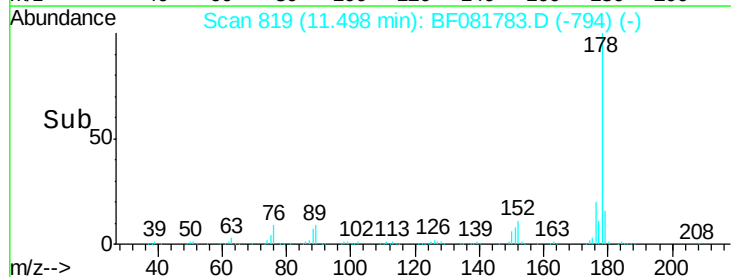
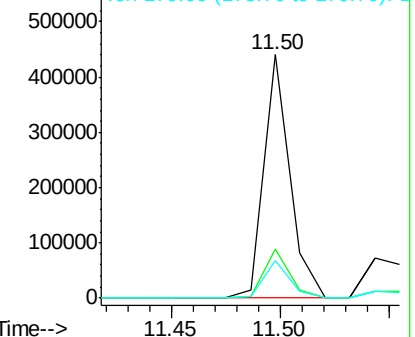
179 15.6 12.2 18.2

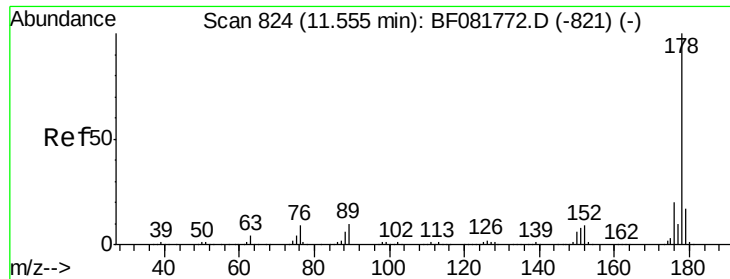


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

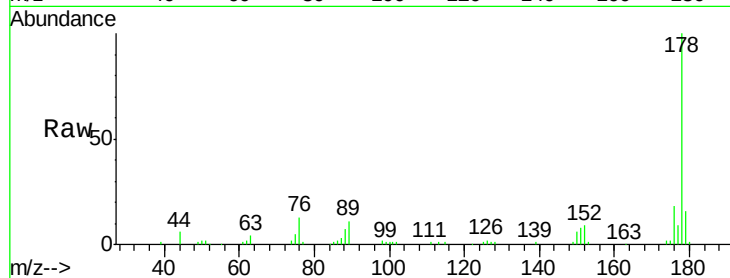




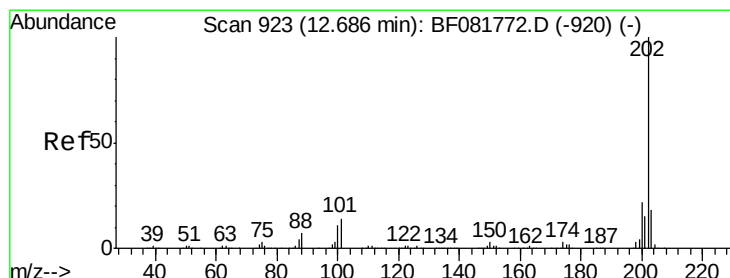
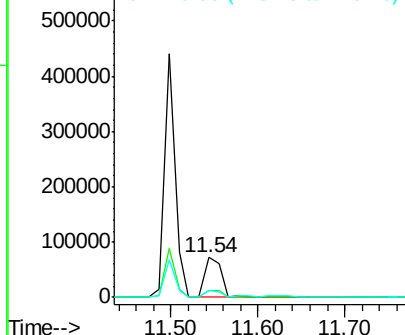
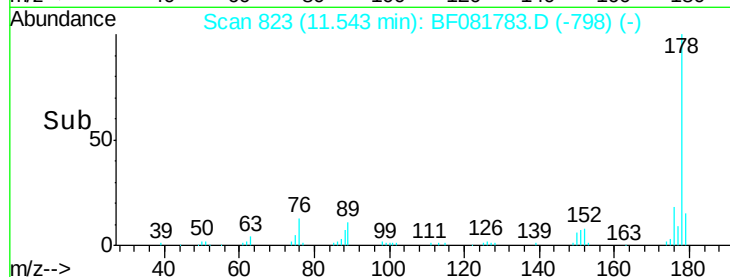
#71
 Anthracene
 Concen: 2.41 ng
 RT: 11.54 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BF081783.D
 Acq: 25 Sep 2015 1:03

Instrument :
 BNA_F
 ClientSampleId :
 MGP201-19-20DL2

Tgt Ion:178 Resp: 98043
 Ion Ratio Lower Upper
 178 100
 176 17.9 14.1 21.1
 179 16.0 12.2 18.2

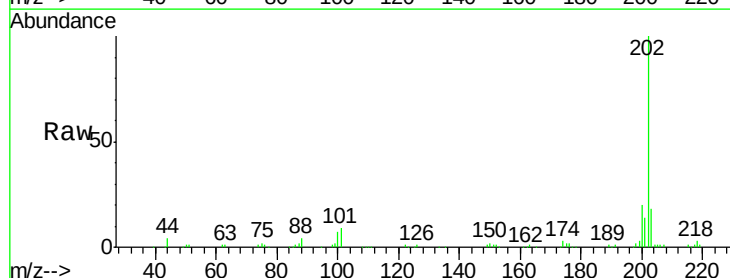


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

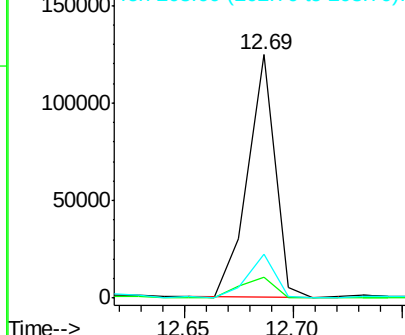
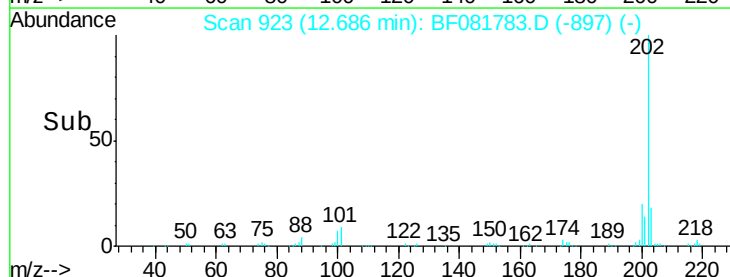


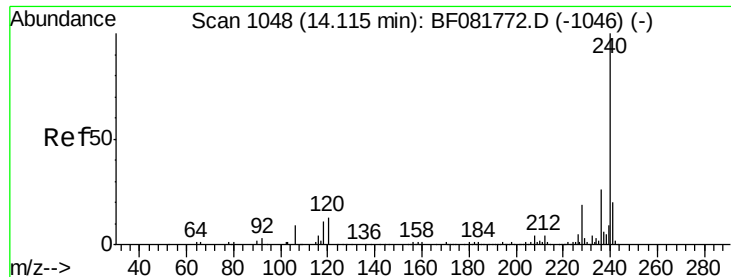
#74
 Fluoranthene
 Concen: 2.55 ng
 RT: 12.69 min Scan# 923
 Delta R.T. -0.00 min
 Lab File: BF081783.D
 Acq: 25 Sep 2015 1:03

Tgt Ion:202 Resp: 108651
 Ion Ratio Lower Upper
 202 100
 101 8.8 0.0 38.3
 203 18.1 0.0 37.3



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: 14.12 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BF081783.D

Acq: 25 Sep 2015 1:03

Instrument :

BNA_F

ClientSampleId :

MGP201-19-20DL2

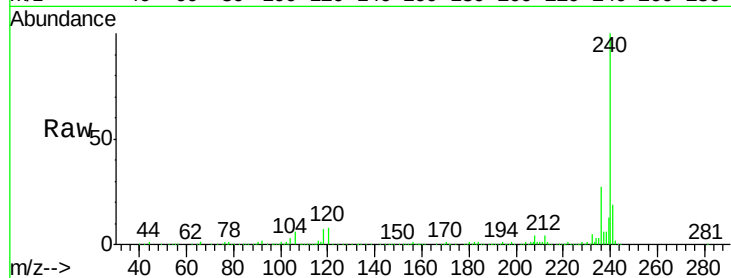
Tgt Ion:240 Resp: 596317

Ion Ratio Lower Upper

240 100

120 8.2 16.2 24.2#

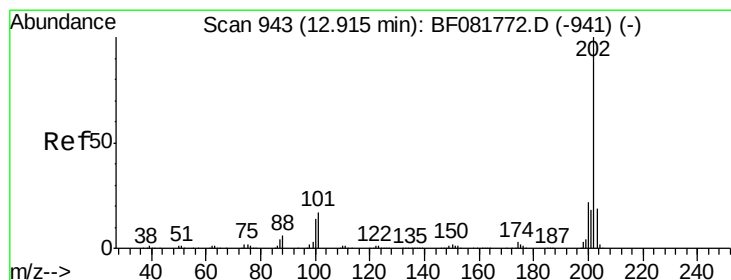
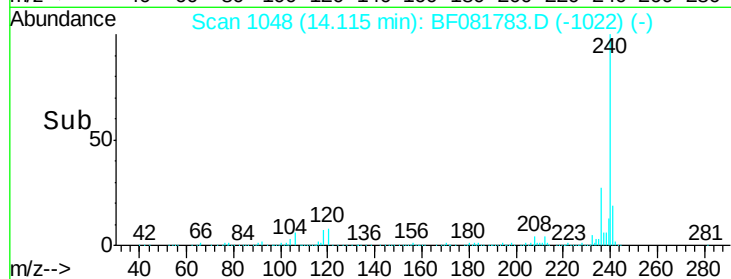
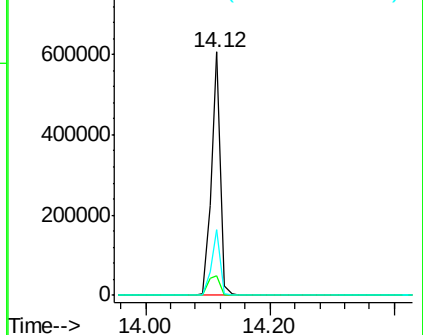
236 27.0 18.4 27.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 3.46 ng

RT: 12.91 min Scan# 943

Delta R.T. -0.00 min

Lab File: BF081783.D

Acq: 25 Sep 2015 1:03

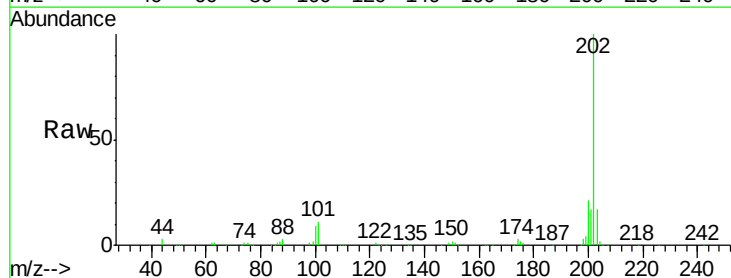
Tgt Ion:202 Resp: 155434

Ion Ratio Lower Upper

202 100

200 20.9 15.0 22.4

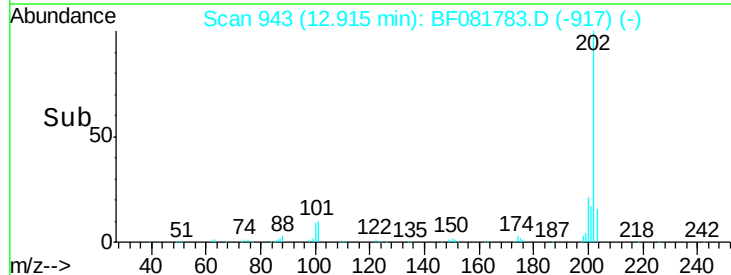
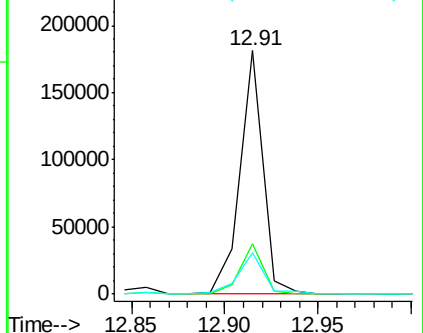
203 17.0 14.1 21.1

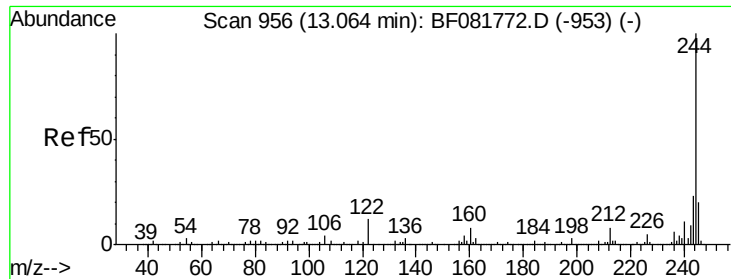


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

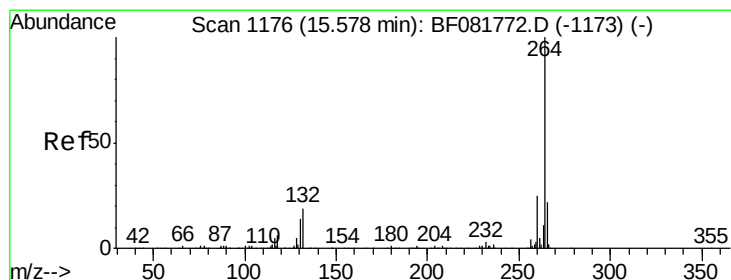
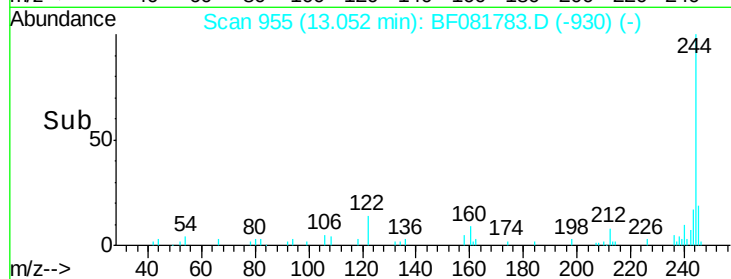
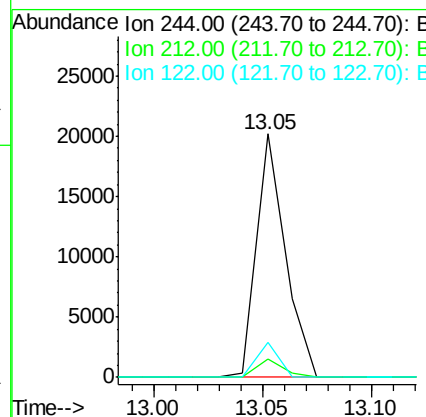
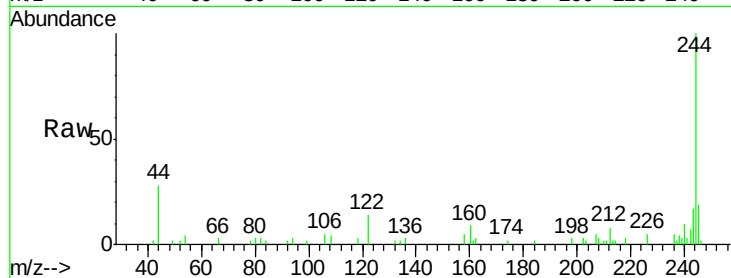




#78
 Terphenyl-d14
 Concen: 0.71 ng
 RT: 13.05 min Scan# 955
 Delta R.T. -0.01 min
 Lab File: BF081783.D
 Acq: 25 Sep 2015 1:03

Instrument :
 BNA_F
 ClientSampleId :
 MGP201-19-20DL2

Tgt Ion: 244 Resp: 18563
 Ion Ratio Lower Upper
 244 100
 212 7.7 4.3 6.5#
 122 14.3 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.58 min Scan# 1176
 Delta R.T. -0.00 min
 Lab File: BF081783.D
 Acq: 25 Sep 2015 1:03

Tgt Ion: 264 Resp: 490628
 Ion Ratio Lower Upper
 264 100
 260 24.4 16.7 25.1
 265 21.7 17.2 25.8

