

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091715\
 Data File : BF081691.D
 Acq On : 17 Sep 2015 22:33
 Operator : UM/IZ
 Sample : G3654-05DL 10X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MGP204(20-22)DL

Quant Time: Sep 18 00:57:25 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 15 14:03:59 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	21510	20.00	ng	-0.04
21) Naphthalene-d8	11.10	136	86756	20.00	ng	-0.02
38) Acenaphthene-d10	15.20	164	40522	20.00	ng	-0.06
63) Phenanthrene-d10	18.71	188	72512	20.00	ng	-0.04
75) Chrysene-d12	23.35	240	47217	20.00	ng	-0.03
86) Perylene-d12	24.79	264	41545	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.33	112	34611	24.96	ng	-0.02
7) Phenol-d6	7.60	99	50356	27.44	ng	-0.04
23) Nitrobenzene-d5	9.46	82	33012	18.36	ng	-0.07
41) 2,4,6-Tribromophenol	17.11	330	8143	22.57	ng	-0.06
44) 2-Fluorobiphenyl	13.72	172	52802	16.70	ng	-0.06
78) Terphenyl-d14	22.07	244	37048	18.26	ng	-0.04

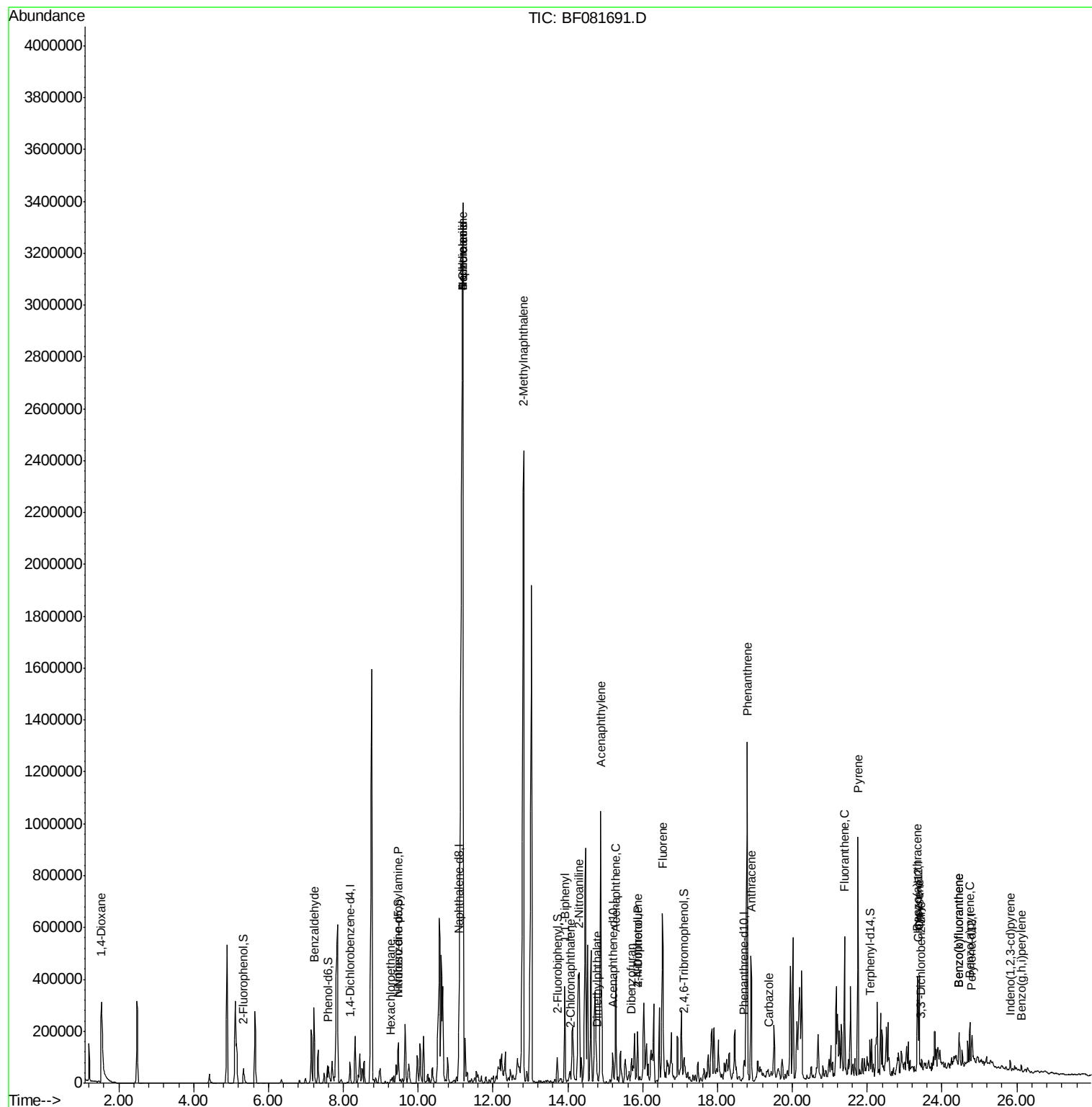
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.53	88	19191	30.82	ng	# 11
9) Benzaldehyde	7.21	77	24175	21.02	ng	# 1
18) Hexachloroethane	9.26	117	6901	10.67	ng	# 13
19) n-Nitroso-di-n-propylamine	9.46	70	4525	3.62	ng	# 69
31) Naphthalene	11.19	128	5687759	1229.31	ng	96
32) Benzoic acid	11.19	122	15248	16.93	ng	# 1
33) 4-Chloroaniline	11.19	127	738039	391.08	ng	# 35
37) 2-Methylnaphthalene	12.83	142	1871092	621.43	ng	# 89
45) 1,1'-Biphenyl	13.92	154	188294	50.51	ng	# 97
46) 2-Chloronaphthalene	14.06	162	12612	4.68	ng	# 54
47) 2-Nitroaniline	14.30	65	7372	6.72	ng	# 6
48) Acenaphthylene	14.88	152	873226	182.83	ng	96
49) Dimethylphthalate	14.78	163	8420	2.67	ng	# 92
51) Acenaphthene	15.28	154	80269	29.54	ng	# 62
54) Dibenzofuran	15.71	168	58854	14.83	ng	# 82
55) 4-Nitrophenol	15.87	139	4595	8.99	ng	# 57
56) 2,4-Dinitrotoluene	15.87	165	2898	3.19	ng	# 32
57) Fluorene	16.53	166	373378	124.01	ng	92
70) Phenanthrene	18.80	178	1296249	321.55	ng	96
71) Anthracene	18.89	178	342946	82.80	ng	96
72) Carbazole	19.36	167	13235	3.41	ng	# 82
74) Fluoranthene	21.40	202	294650	67.52	ng	89
77) Pyrene	21.75	202	478093	136.69	ng	95
80) Benzo(a)anthracene	23.34	228	168384	56.00	ng	# 83
81) 3,3'-Dichlorobenzidine	23.43	252	2874	2.83	ng	# 3
82) Chrysene	23.39	228	144104	53.46	ng	92
85) Indeno(1,2,3-cd)pyrene	25.82	276	17100	8.65	ng	# 86
87) Benzo(b)fluoranthene	24.45	252	78255	26.38	ng	# 88
88) Benzo(k)fluoranthene	24.45	252	78255	31.80	ng	# 89
89) Benzo(a)pyrene	24.75	252	80013	31.83	ng	# 82
91) Benzo(g,h,i)perylene	26.12	276	18706	10.09	ng	# 76

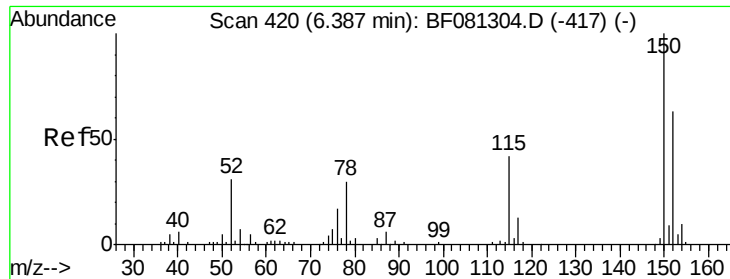
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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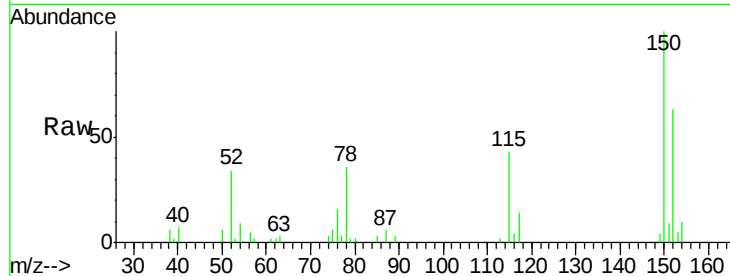




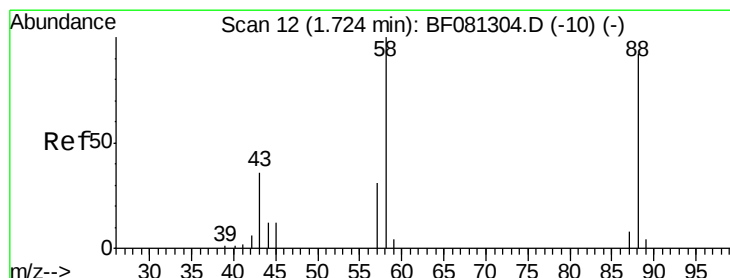
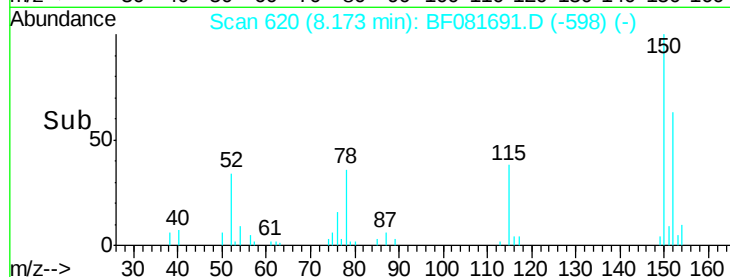
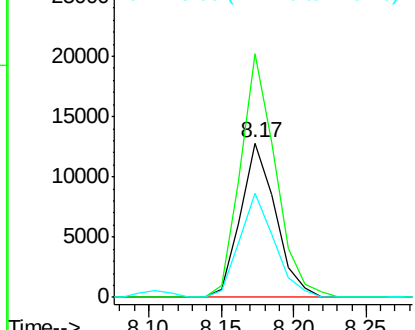
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.17 min Scan# 620
 Delta R.T. -0.04 min
 Lab File: BF081691.D
 Acq: 17 Sep 2015 22:33

Instrument :
 BNA_F
 ClientSampleId :
 MGP204(20-22)DL

Tgt Ion:152 Resp: 21510
 Ion Ratio Lower Upper
 152 100
 150 158.1 124.7 187.1
 115 67.3 39.0 58.4#

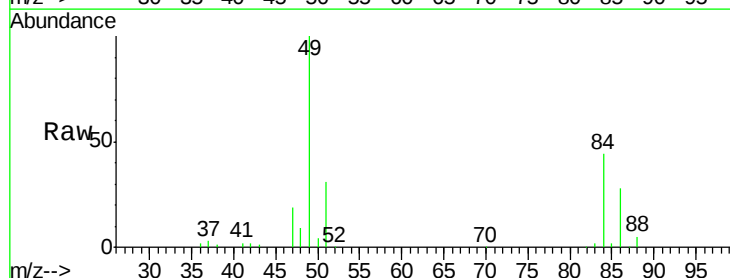


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

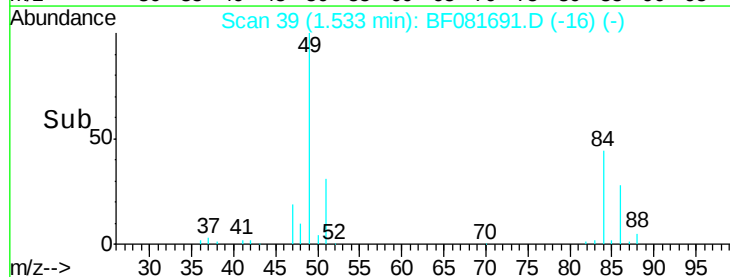
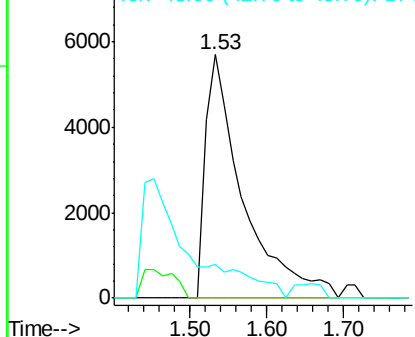


#2
 1,4-Dioxane
 Concen: 30.82 ng
 RT: 1.53 min Scan# 39
 Delta R.T. -0.03 min
 Lab File: BF081691.D
 Acq: 17 Sep 2015 22:33

Tgt Ion: 88 Resp: 19191
 Ion Ratio Lower Upper
 88 100
 58 0.0 77.7 116.5#
 43 0.0 26.6 40.0#



Abundance Ion 88.00 (87.70 to 88.70): BF0
 Ion 58.00 (57.70 to 58.70): BF0
 Ion 43.00 (42.70 to 43.70): BF0

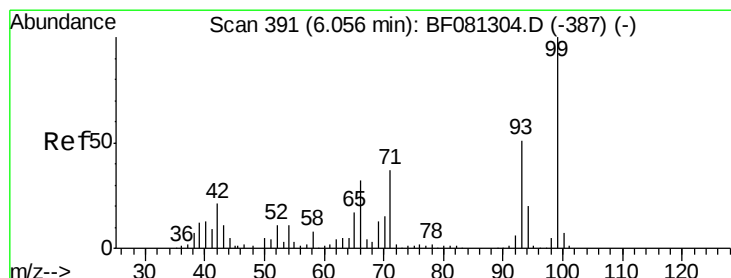
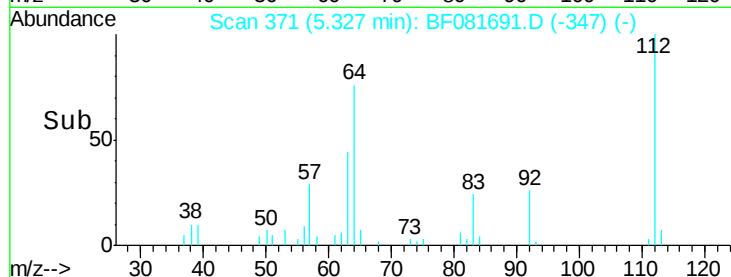
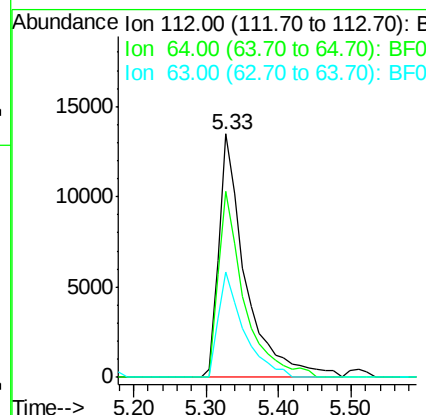
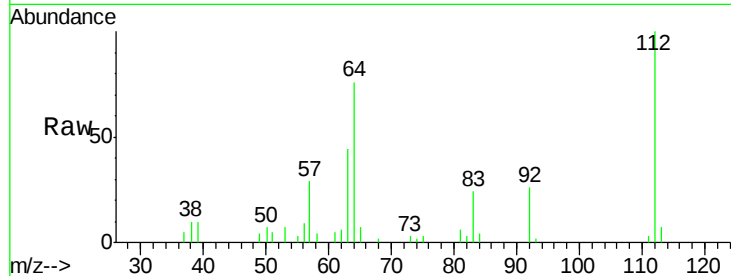




#5
 2-Fluorophenol
 Concen: 24.96 ng
 RT: 5.33 min Scan# 371
 Delta R.T. -0.02 min
 Lab File: BF081691.D
 Acq: 17 Sep 2015 22:33

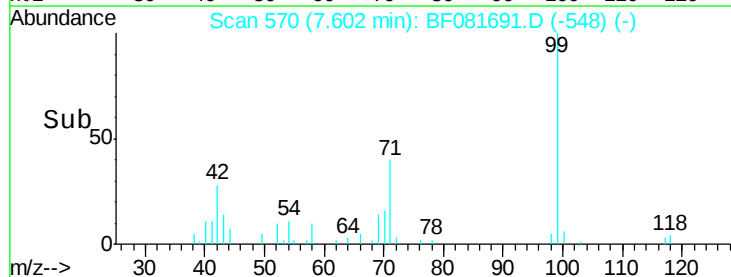
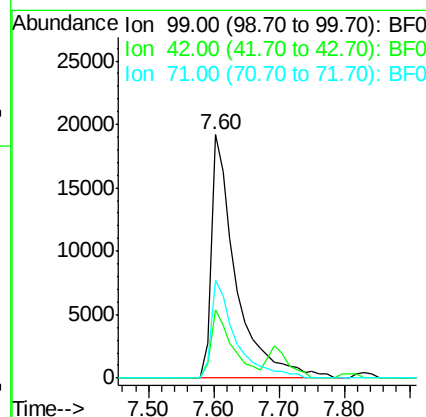
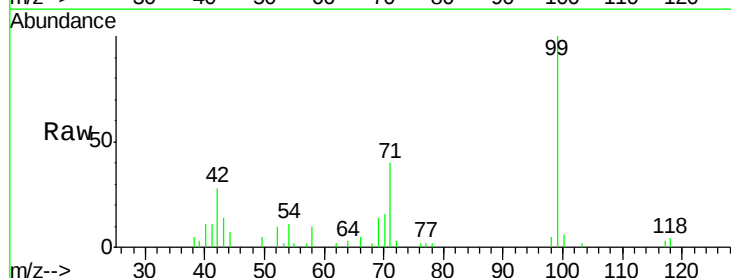
Instrument :
 BNA_F
 ClientSampleId :
 MGP204(20-22)DL

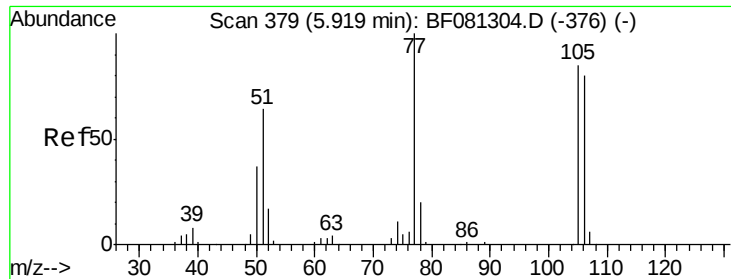
Tgt Ion: 112 Resp: 34611
 Ion Ratio Lower Upper
 112 100
 64 76.4 39.7 59.5#
 63 43.5 17.4 26.0#



#7
 Phenol-d6
 Concen: 27.44 ng
 RT: 7.60 min Scan# 570
 Delta R.T. -0.04 min
 Lab File: BF081691.D
 Acq: 17 Sep 2015 22:33

Tgt Ion: 99 Resp: 50356
 Ion Ratio Lower Upper
 99 100
 42 27.9 13.7 20.5#
 71 40.2 14.2 21.2#





#9

Benzaldehyde

Concen: 21.02 ng

RT: 7.21 min Scan# 536

Delta R.T. -0.02 min

Lab File: BF081691.D

Acq: 17 Sep 2015 22:33

Instrument :

BNA_F

ClientSampleId :

MGP204(20-22)DL

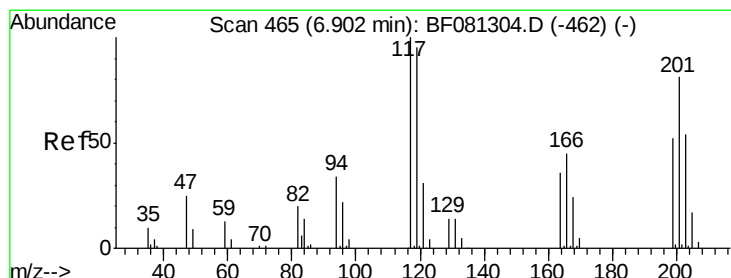
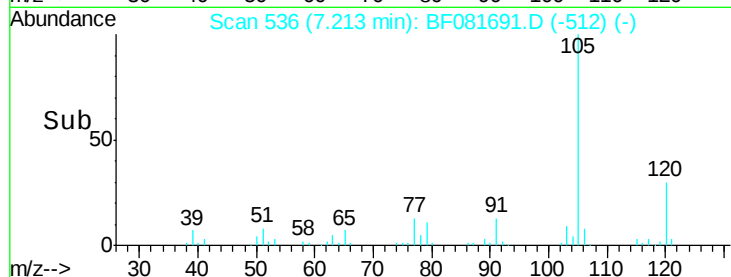
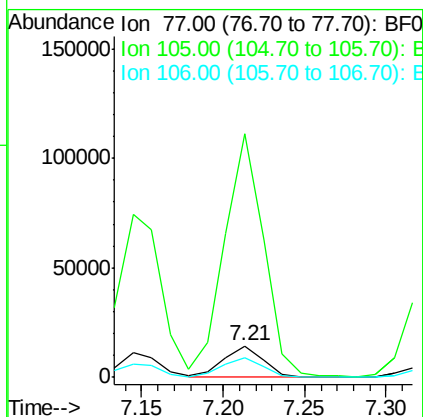
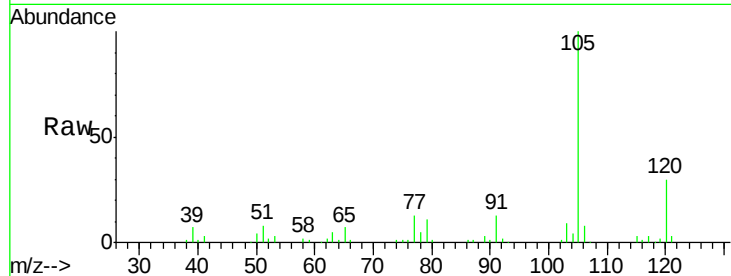
Tgt Ion: 77 Resp: 24175

Ion Ratio Lower Upper

77 100

105 779.2 91.6 131.6#

106 64.2 102.6 142.6#



#18

Hexachloroethane

Concen: 10.67 ng

RT: 9.26 min Scan# 715

Delta R.T. -0.06 min

Lab File: BF081691.D

Acq: 17 Sep 2015 22:33

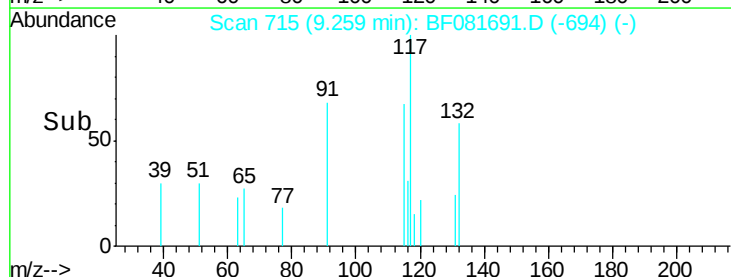
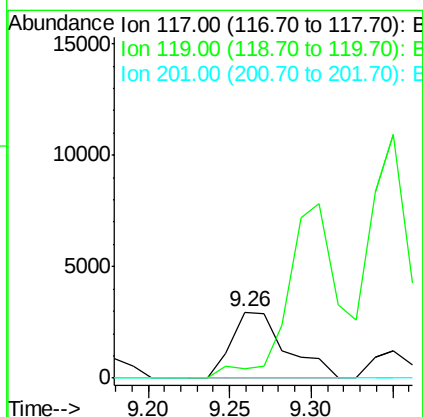
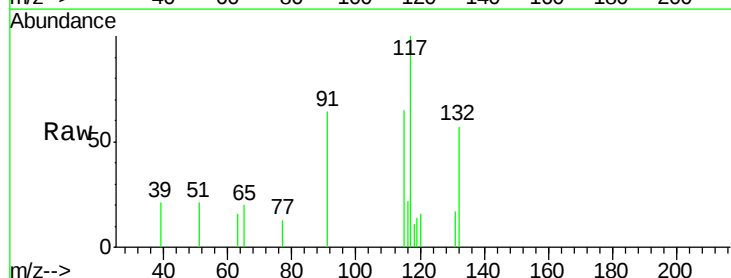
Tgt Ion: 117 Resp: 6901

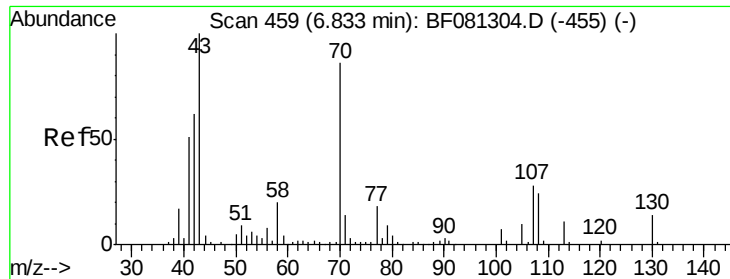
Ion Ratio Lower Upper

117 100

119 14.5 83.8 125.6#

201 0.0 55.1 82.7#

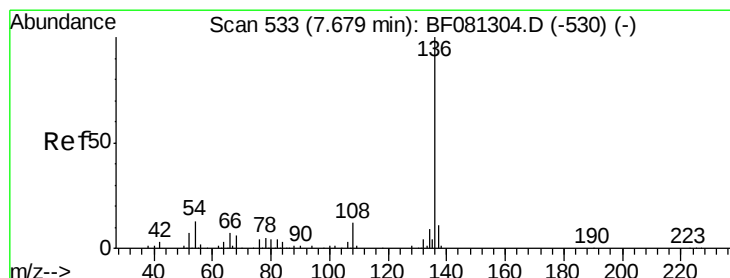
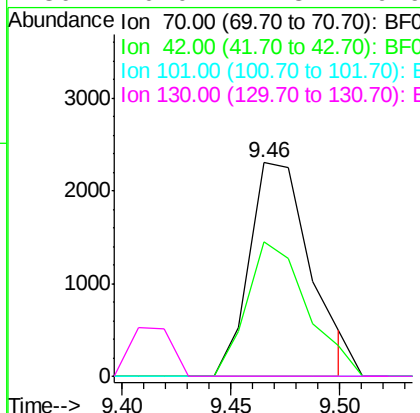
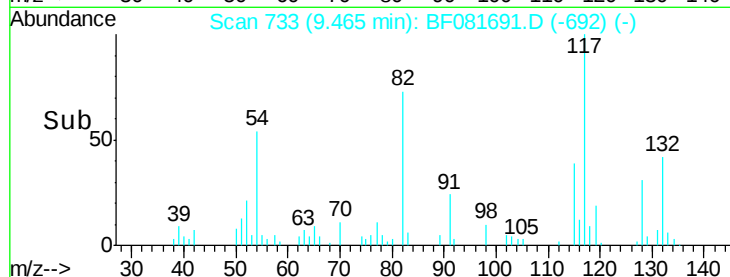
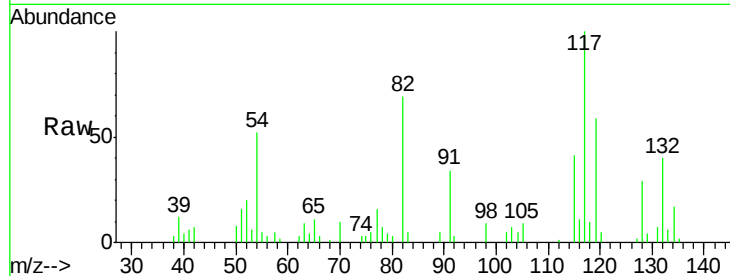




#19
n-Nitroso-di-n-propylamine
Concen: 3.62 ng
RT: 9.46 min Scan# 733
Delta R.T. 0.17 min
Lab File: BF081691.D
Acq: 17 Sep 2015 22:33

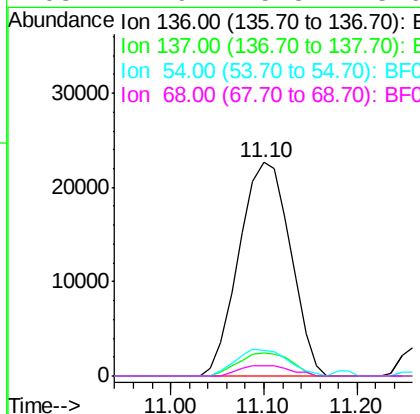
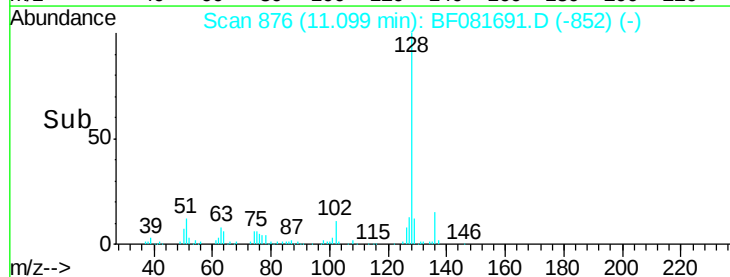
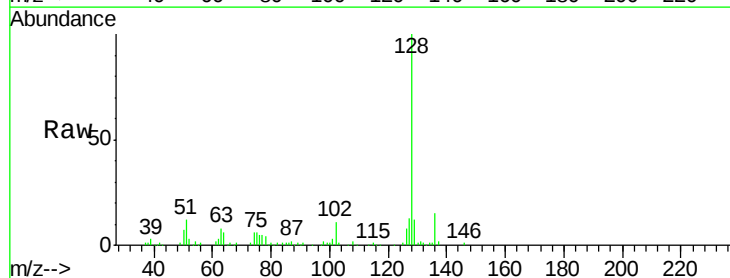
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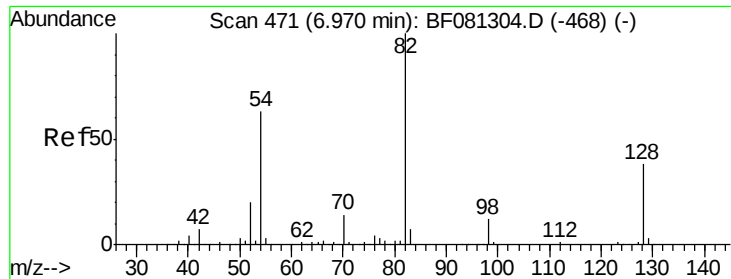
Tgt Ion: 70 Resp: 4525
Ion Ratio Lower Upper
70 100
42 62.7 63.8 95.6#
101 0.0 9.2 13.8#
130 0.0 27.3 40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.10 min Scan# 876
Delta R.T. -0.02 min
Lab File: BF081691.D
Acq: 17 Sep 2015 22:33

Tgt Ion: 136 Resp: 86756
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.6
54 12.0 8.2 12.2
68 4.9 5.8 8.6#

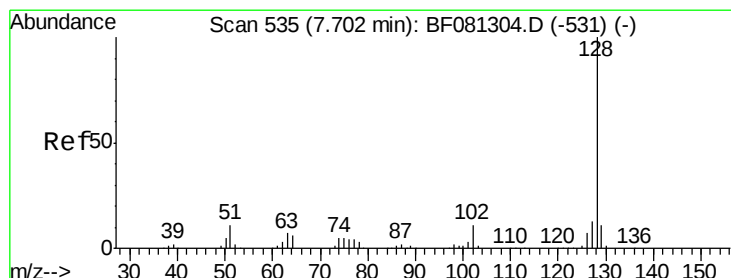
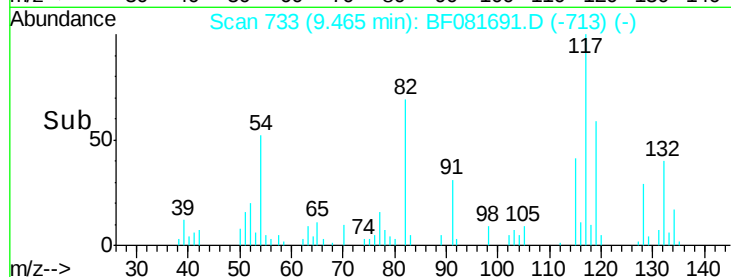
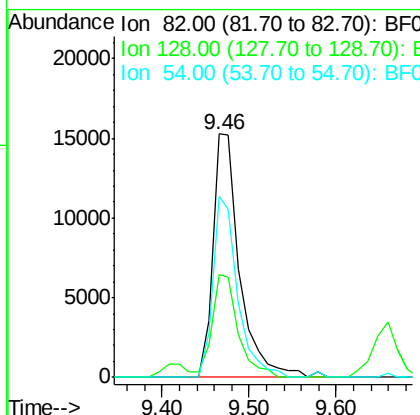
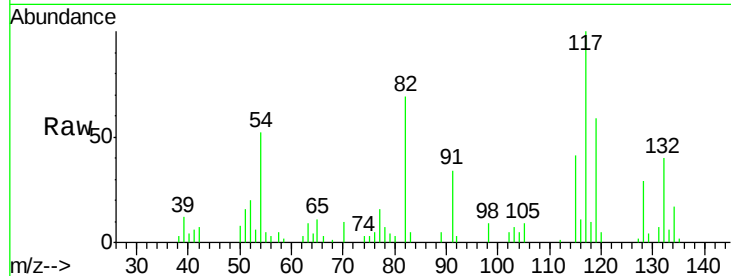




#23
Nitrobenzene-d5
Concen: 18.36 ng
RT: 9.46 min Scan# 733
Delta R.T. -0.07 min
Lab File: BF081691.D
Acq: 17 Sep 2015 22:33

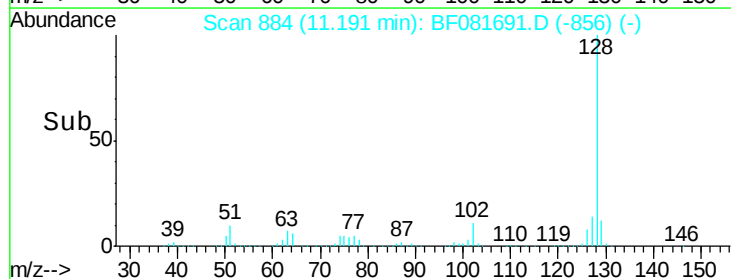
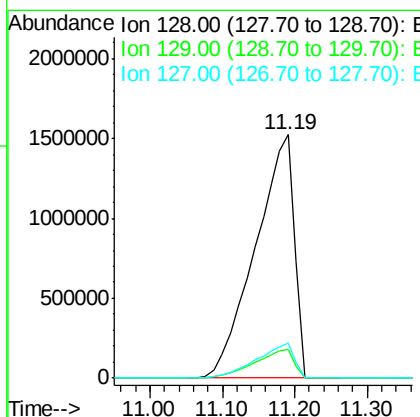
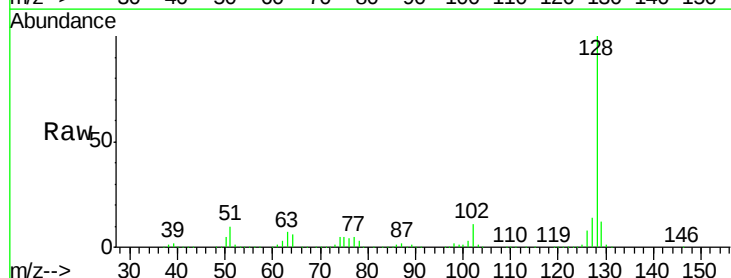
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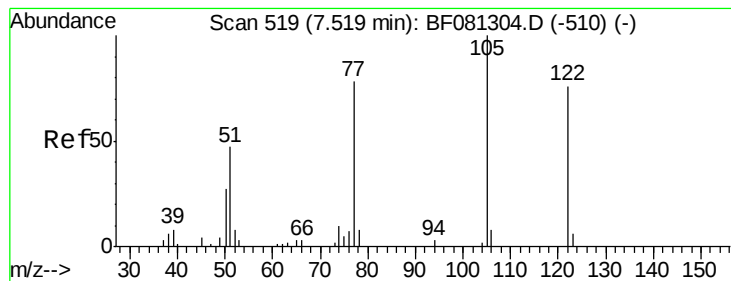
Tgt Ion: 82 Resp: 33012
Ion Ratio Lower Upper
82 100
128 42.3 51.0 76.6#
54 74.4 47.5 71.3#



#31
Naphthalene
Concen: 1229.31 ng
RT: 11.19 min Scan# 884
Delta R.T. 0.02 min
Lab File: BF081691.D
Acq: 17 Sep 2015 22:33

Tgt Ion: 128 Resp: 5687759
Ion Ratio Lower Upper
128 100
129 11.7 8.4 12.6
127 14.2 9.9 14.9





#32

Benzoic acid

Concen: 16.93 ng

RT: 11.19 min Scan# 884

Delta R.T. 0.10 min

Lab File: BF081691.D

Acq: 17 Sep 2015 22:33

Instrument :

BNA_F

ClientSampleId :

MGP204(20-22)DL

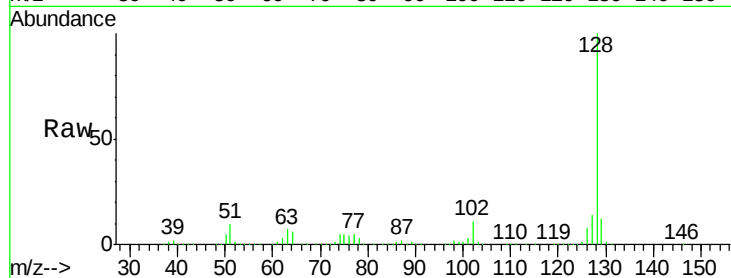
Tgt Ion:122 Resp: 15248

Ion Ratio Lower Upper

122 100

105 0.0 76.1 116.1#

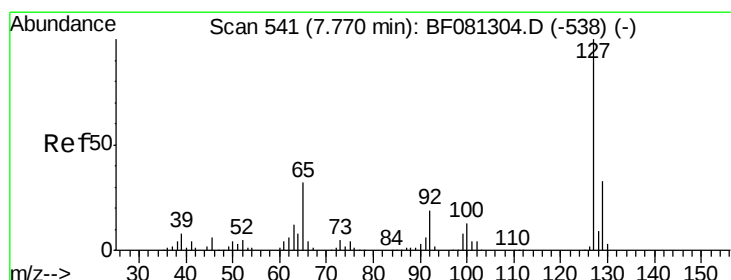
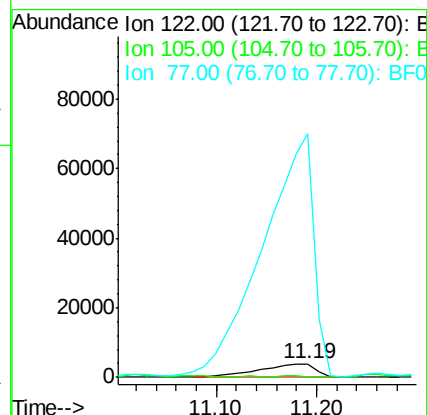
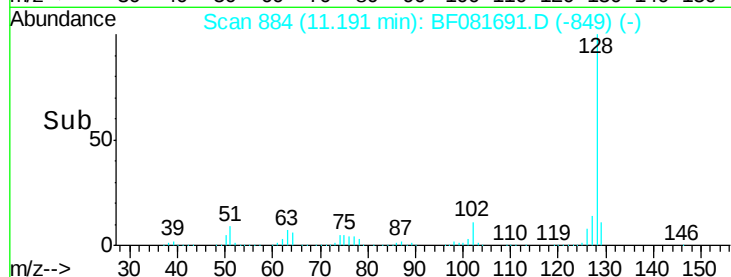
77 1773.7 40.5 80.5#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#33

4-Chloroaniline

Concen: 391.08 ng

RT: 11.19 min Scan# 884

Delta R.T. -0.22 min

Lab File: BF081691.D

Acq: 17 Sep 2015 22:33

Tgt Ion:127 Resp: 738039

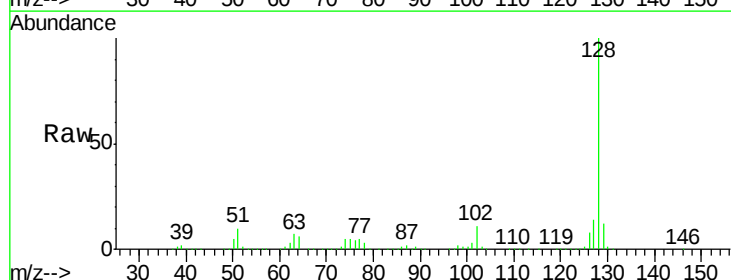
Ion Ratio Lower Upper

127 100

129 82.9 25.8 38.6#

65 0.0 17.9 26.9#

92 0.0 10.5 15.7#

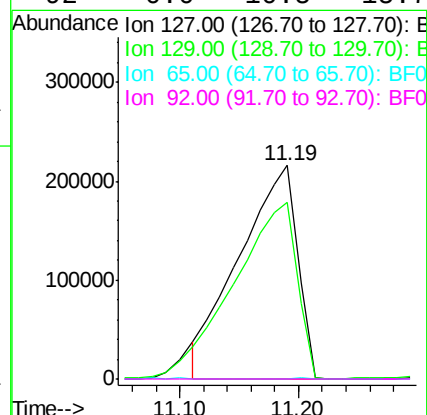
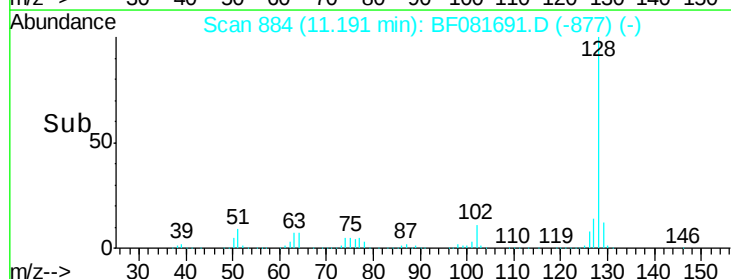


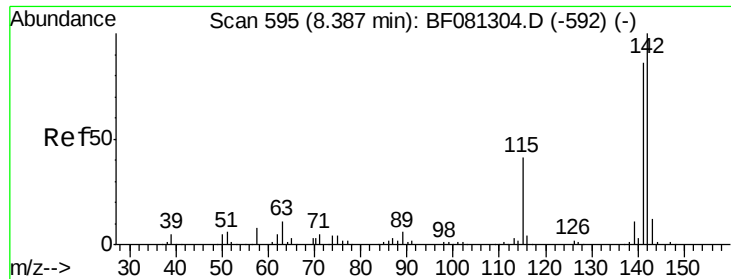
Abundance Ion 127.00 (126.70 to 127.70): E

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

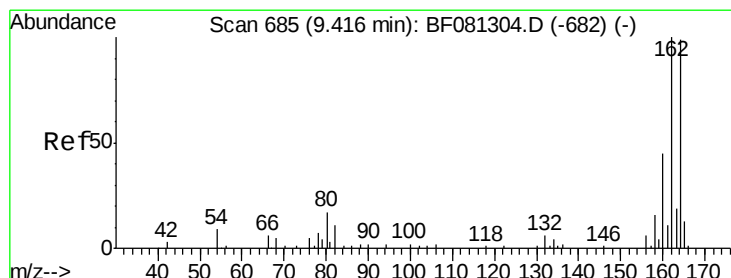
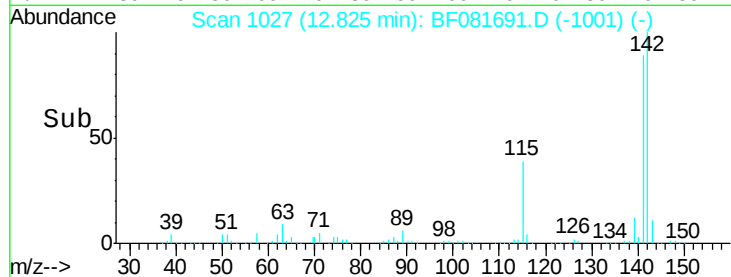
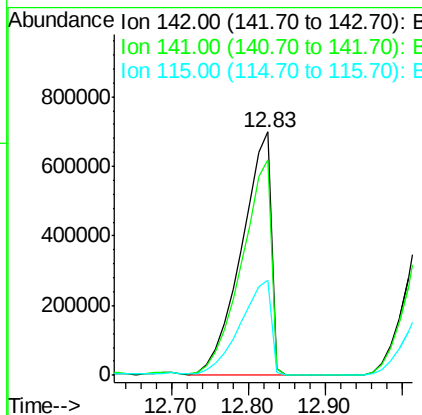
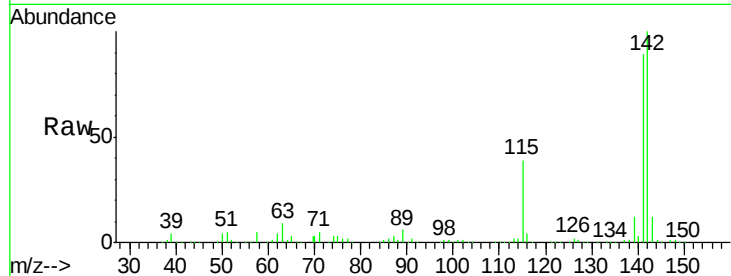




#37
 2-Methylnaphthalene
 Concen: 621.43 ng
 RT: 12.83 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BF081691.D
 Acq: 17 Sep 2015 22:33

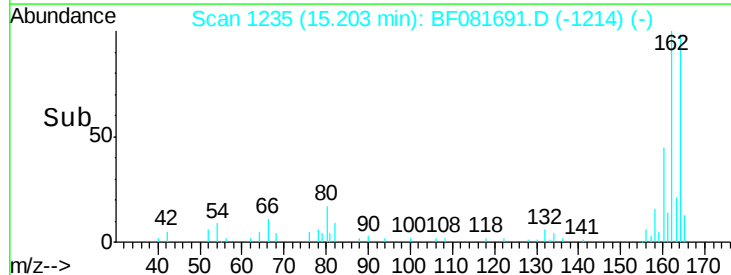
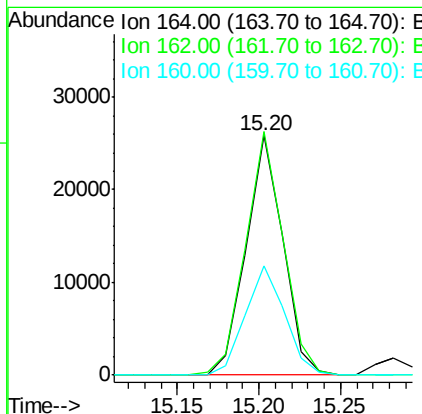
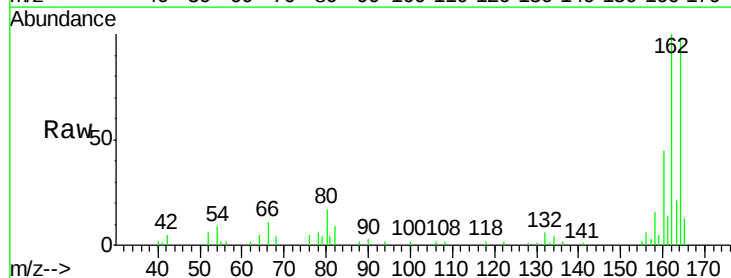
Instrument :
 BNA_F
 ClientSampleId :
 MGP204(20-22)DL

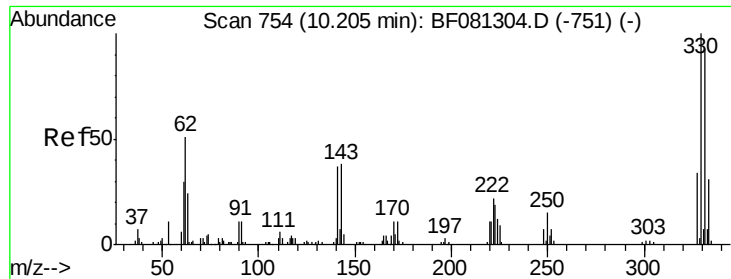
Tgt Ion:142 Resp: 1871092
 Ion Ratio Lower Upper
 142 100
 141 88.7 67.5 101.3
 115 39.0 18.2 27.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.20 min Scan# 1235
 Delta R.T. -0.06 min
 Lab File: BF081691.D
 Acq: 17 Sep 2015 22:33

Tgt Ion:164 Resp: 40522
 Ion Ratio Lower Upper
 164 100
 162 101.8 75.2 112.8
 160 45.8 31.5 47.3

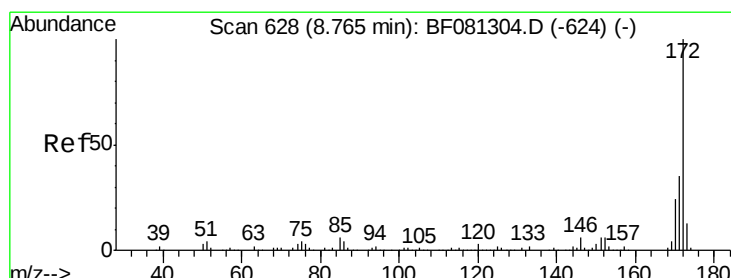
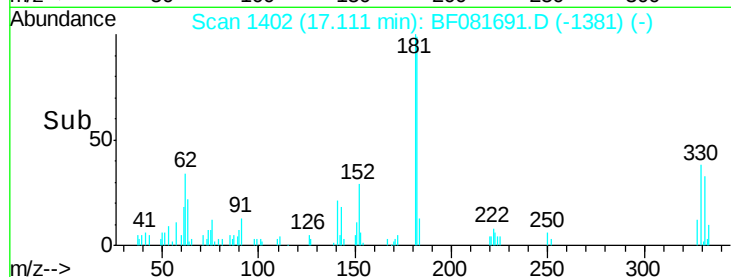
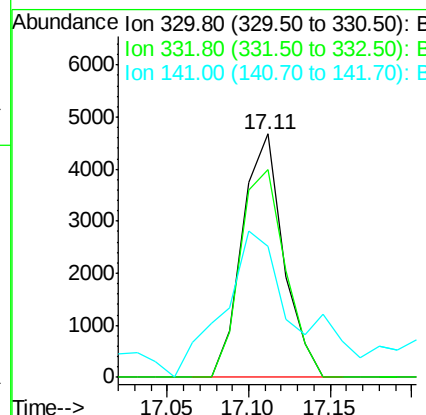
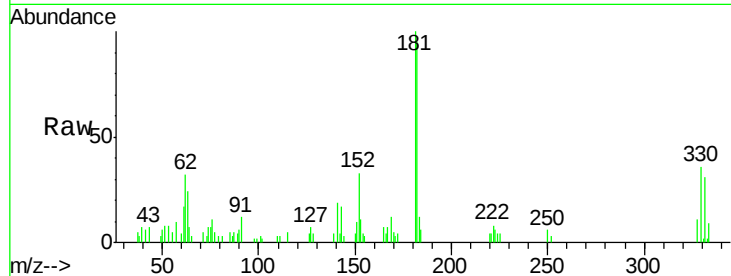




#41
 2,4,6-Tribromophenol
 Concen: 22.57 ng
 RT: 17.11 min Scan# 1402
 Delta R.T. -0.06 min
 Lab File: BF081691.D
 Acq: 17 Sep 2015 22:33

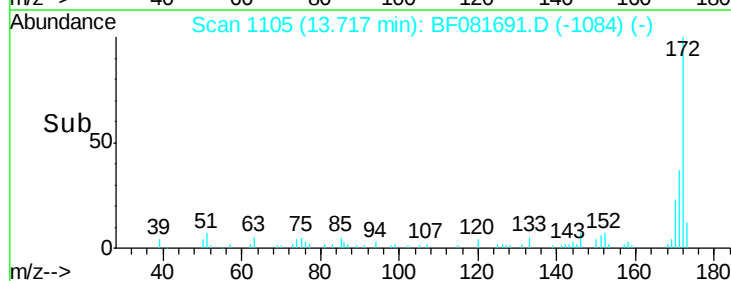
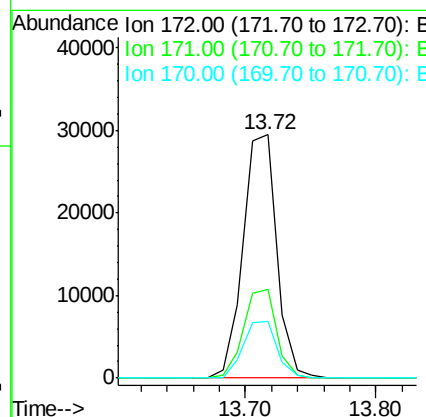
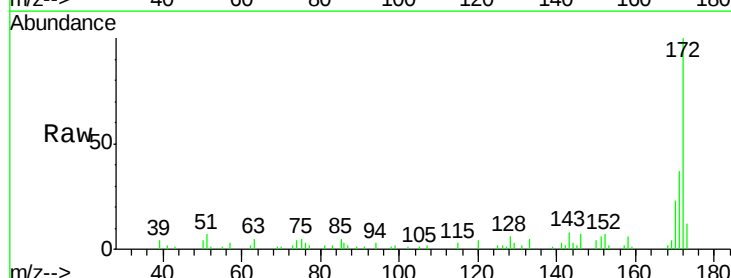
Instrument :
 BNA_F
 ClientSampleId :
 MGP204(20-22)DL

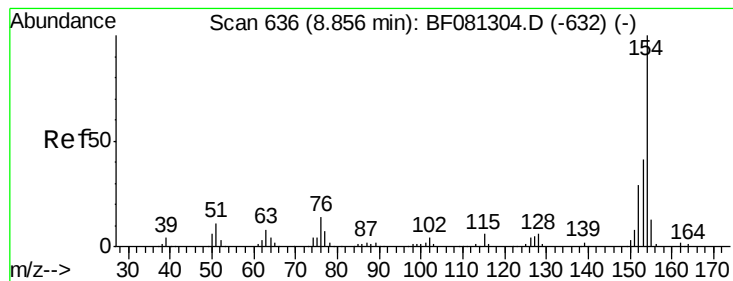
Tgt Ion:330 Resp: 8143
 Ion Ratio Lower Upper
 330 100
 332 93.9 76.6 114.8
 141 105.7 29.7 44.5#



#44
 2-Fluorobiphenyl
 Concen: 16.70 ng
 RT: 13.72 min Scan# 1105
 Delta R.T. -0.06 min
 Lab File: BF081691.D
 Acq: 17 Sep 2015 22:33

Tgt Ion:172 Resp: 52802
 Ion Ratio Lower Upper
 172 100
 171 36.6 26.1 39.1
 170 23.3 17.4 26.2





#45

1,1'-Biphenyl

Concen: 50.51 ng

RT: 13.92 min Scan# 1123

Delta R.T. -0.04 min

Lab File: BF081691.D

Acq: 17 Sep 2015 22:33

Instrument :

BNA_F

ClientSampleId :

MGP204(20-22)DL

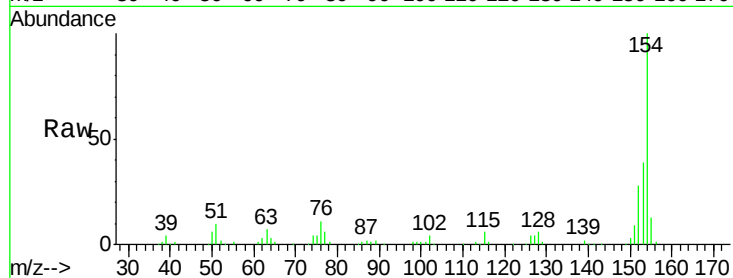
Tgt Ion:154 Resp: 188294

Ion Ratio Lower Upper

154 100

153 39.3 17.1 57.1

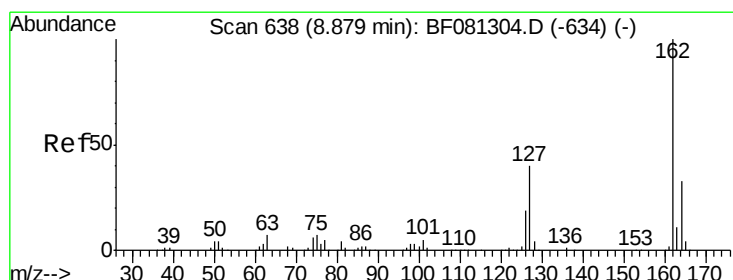
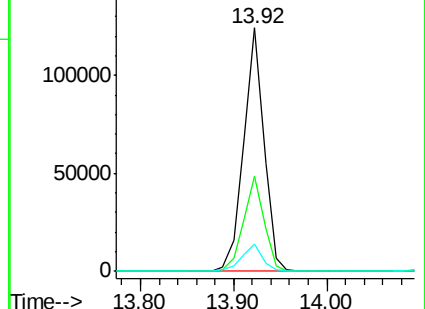
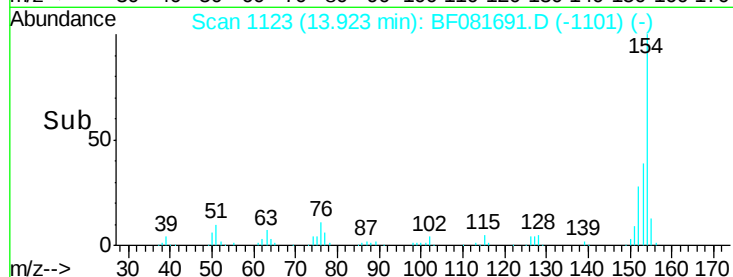
76 11.4 0.0 31.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 4.68 ng

RT: 14.06 min Scan# 1135

Delta R.T. 0.10 min

Lab File: BF081691.D

Acq: 17 Sep 2015 22:33

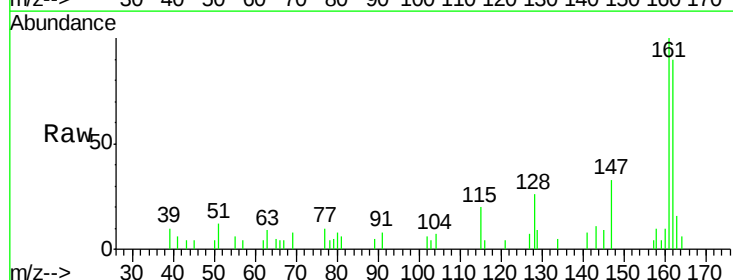
Tgt Ion:162 Resp: 12612

Ion Ratio Lower Upper

162 100

127 7.7 27.6 41.4#

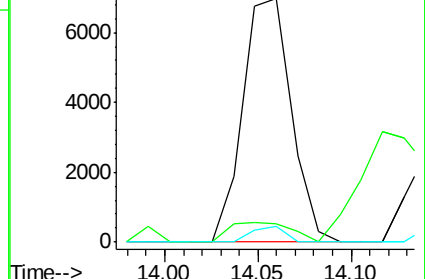
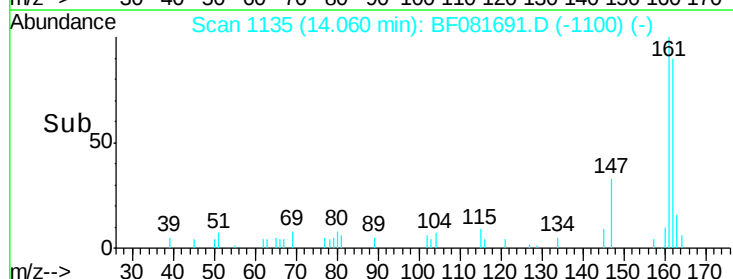
164 6.4 25.4 38.2#

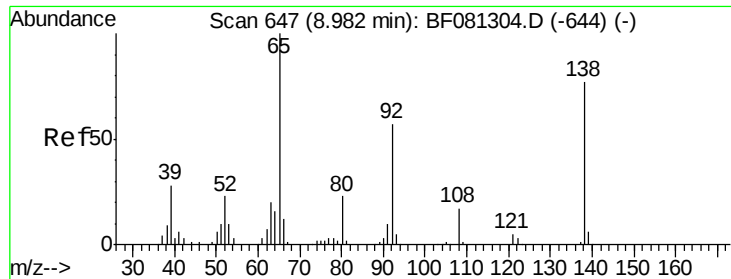


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

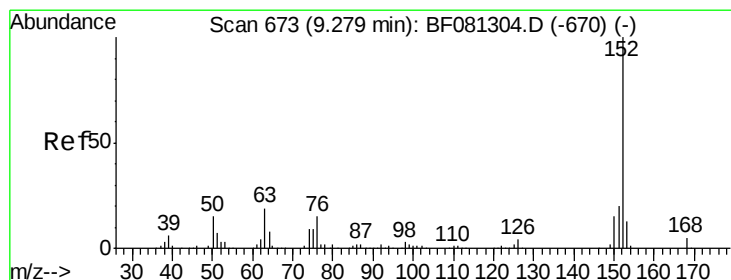
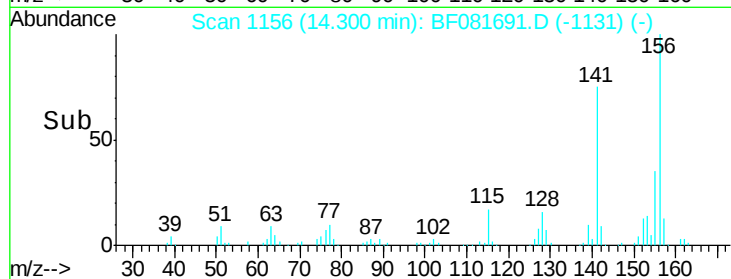
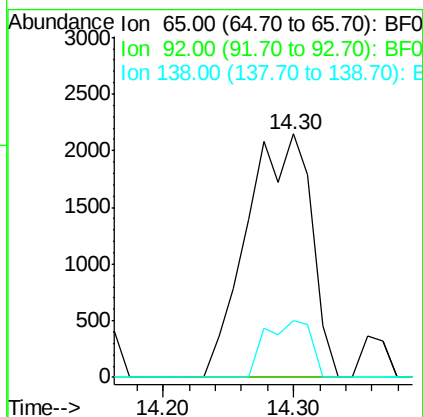
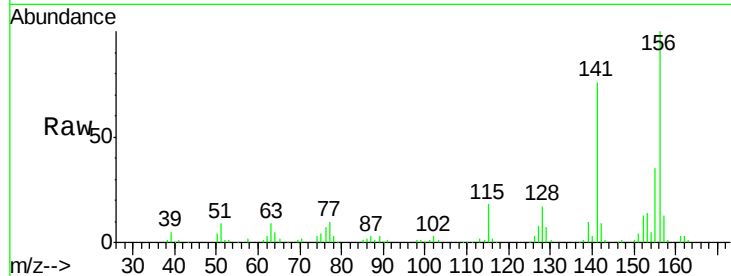




#47
2-Nitroaniline
Concen: 6.72 ng
RT: 14.30 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BF081691.D
Acq: 17 Sep 2015 22:33

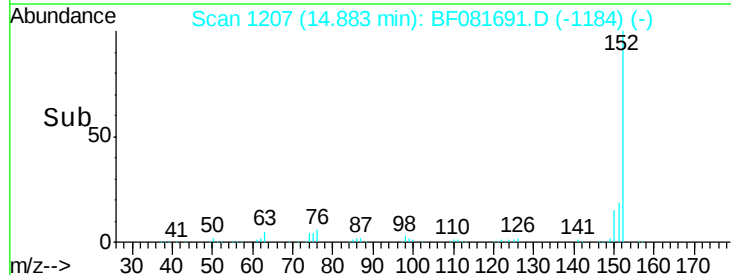
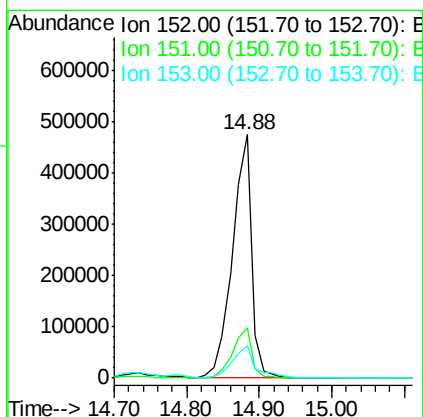
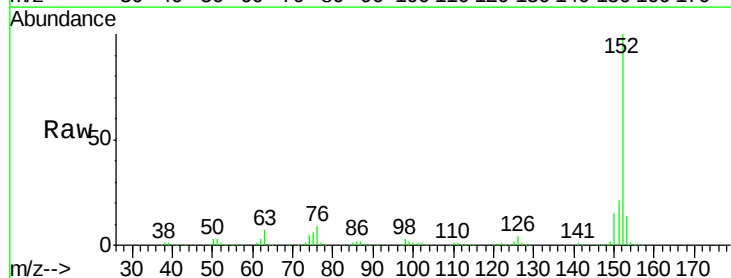
Instrument :
BNA_F
ClientSampleId :
MGP204(20-22)DL

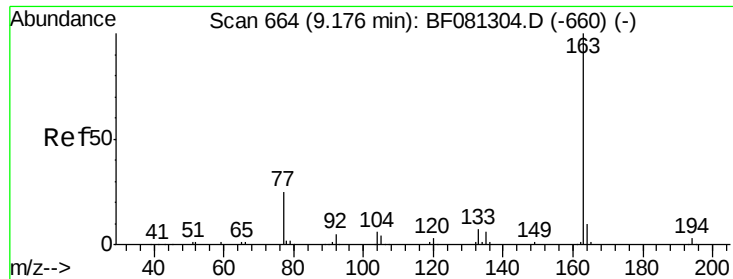
Tgt Ion: 65 Resp: 7372
Ion Ratio Lower Upper
65 100
92 0.0 55.4 83.0#
138 23.3 115.5 173.3#



#48
Acenaphthylene
Concen: 182.83 ng
RT: 14.88 min Scan# 1207
Delta R.T. -0.03 min
Lab File: BF081691.D
Acq: 17 Sep 2015 22:33

Tgt Ion: 152 Resp: 873226
Ion Ratio Lower Upper
152 100
151 20.5 14.6 22.0
153 13.6 10.3 15.5





#49

Dimethylphthalate

Concen: 2.67 ng

RT: 14.78 min Scan# 1198

Delta R.T. -0.08 min

Lab File: BF081691.D

Acq: 17 Sep 2015 22:33

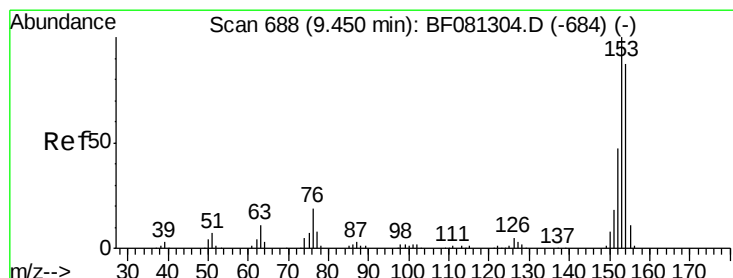
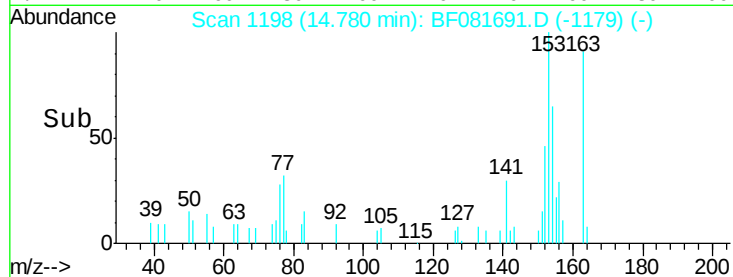
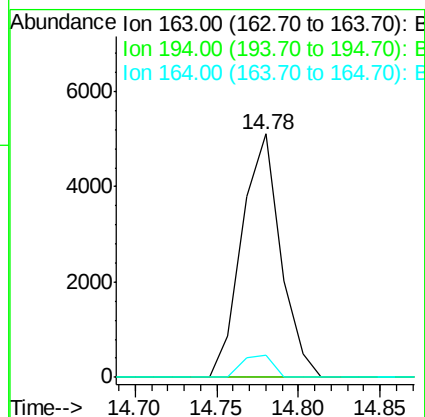
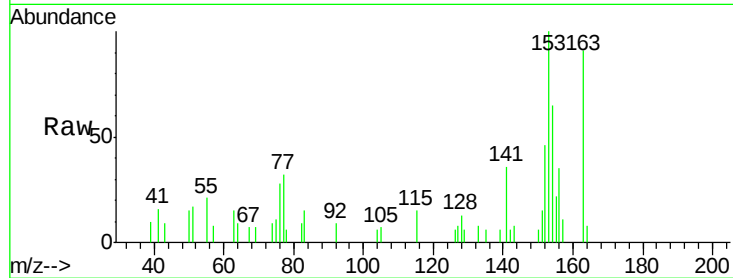
Instrument :

BNA_F

ClientSampleId :

MGP204(20-22)DL

Tgt Ion:	163	Resp:	8420
Ion Ratio	Lower	Upper	
163	100		
194	0.0	4.4	6.6#
164	9.1	8.3	12.5



#51

Acenaphthene

Concen: 29.54 ng

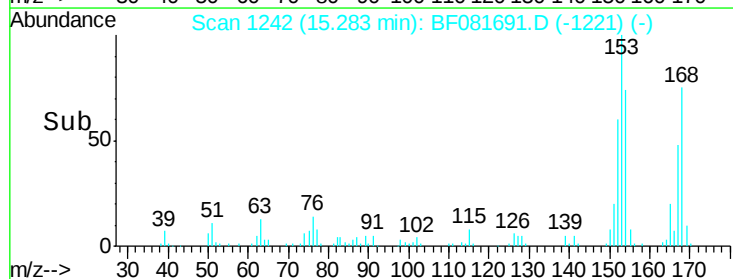
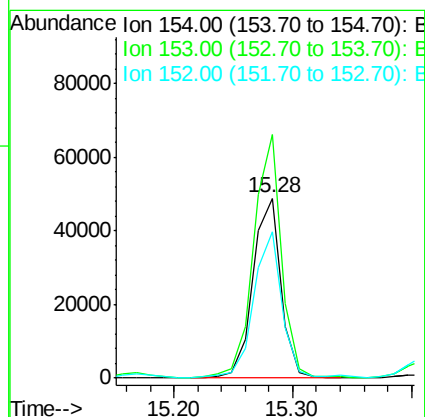
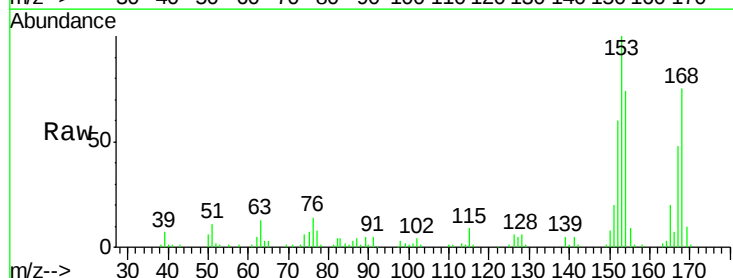
RT: 15.28 min Scan# 1242

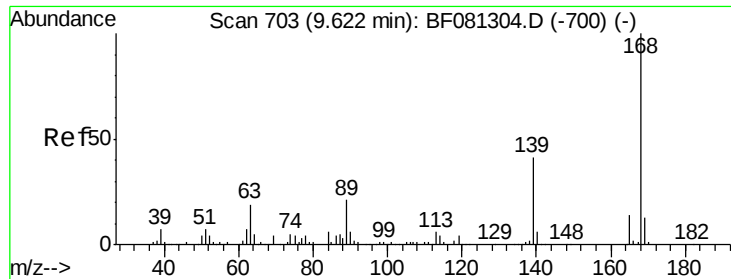
Delta R.T. -0.06 min

Lab File: BF081691.D

Acq: 17 Sep 2015 22:33

Tgt Ion:	154	Resp:	80269
Ion Ratio	Lower	Upper	
154	100		
153	135.2	82.1	123.1#
152	81.0	37.9	56.9#

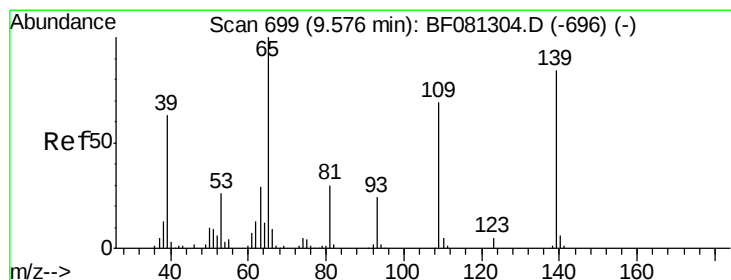
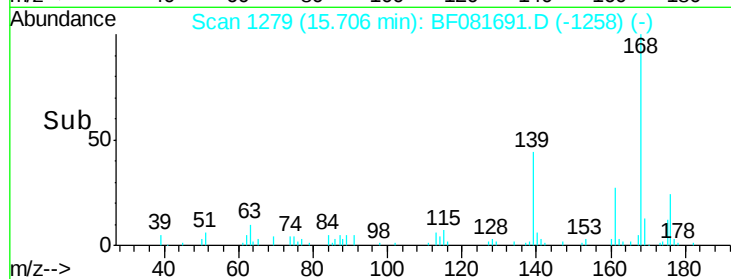
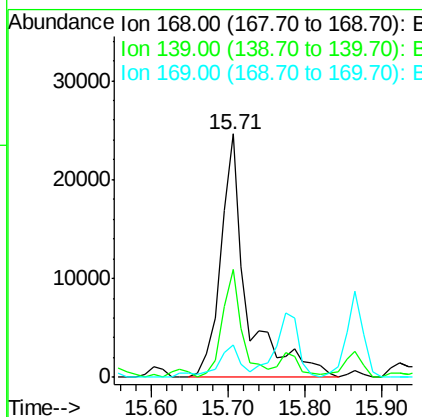
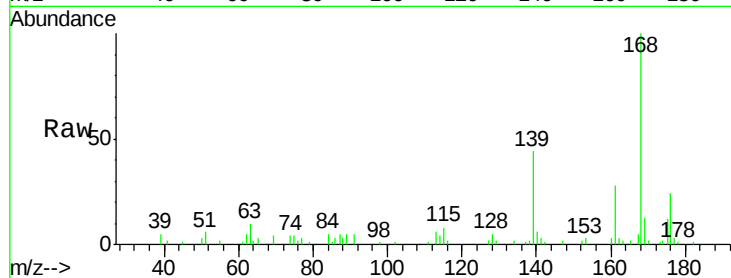




#54
Dibenzofuran
Concen: 14.83 ng
RT: 15.71 min Scan# 1279
Delta R.T. -0.06 min
Lab File: BF081691.D
Acq: 17 Sep 2015 22:33

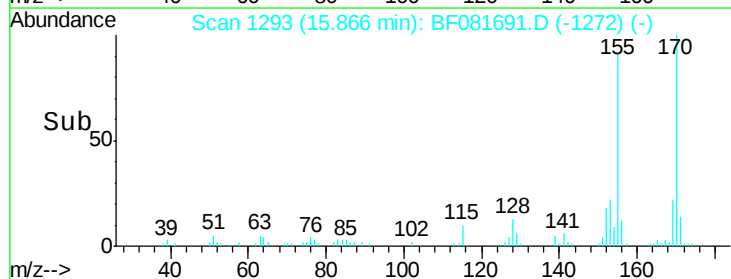
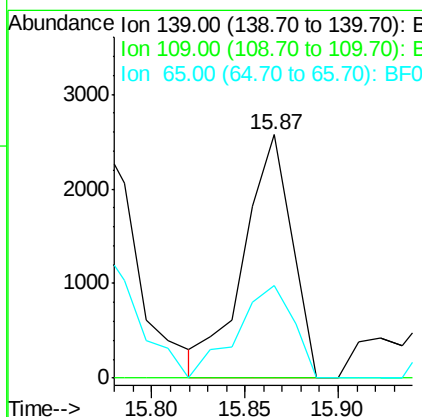
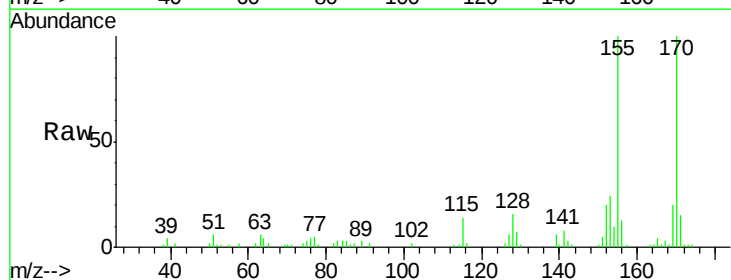
Instrument :
BNA_F
ClientSampleId :
MGP204(20-22)DL

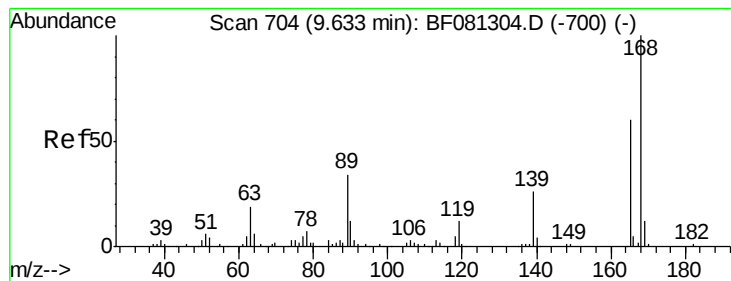
Tgt Ion:168 Resp: 58854
Ion Ratio Lower Upper
168 100
139 44.2 24.2 36.2#
169 13.2 10.6 15.8



#55
4-Nitrophenol
Concen: 8.99 ng
RT: 15.87 min Scan# 1293
Delta R.T. -0.06 min
Lab File: BF081691.D
Acq: 17 Sep 2015 22:33

Tgt Ion:139 Resp: 4595
Ion Ratio Lower Upper
139 100
109 0.0 12.7 52.7#
65 38.2 45.9 85.9#





#56

2,4-Dinitrotoluene

Concen: 3.19 ng

RT: 15.87 min Scan# 1293

Delta R.T. -0.03 min

Lab File: BF081691.D

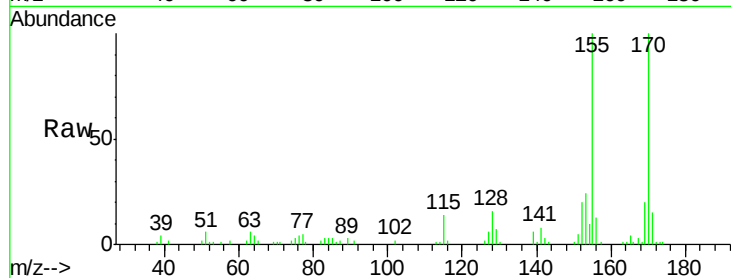
Acq: 17 Sep 2015 22:33

Instrument :

BNA_F

ClientSampleId :

MGP204(20-22)DL



Tgt Ion:165 Resp: 2898

Ion Ratio Lower Upper

165 100

63 138.5 29.8 44.6#

89 57.7 44.5 66.7

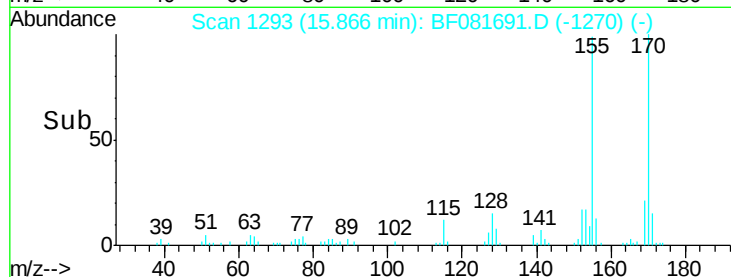
182 0.0 3.0 4.4#

Abundance Ion 165.00 (164.70 to 165.70): E

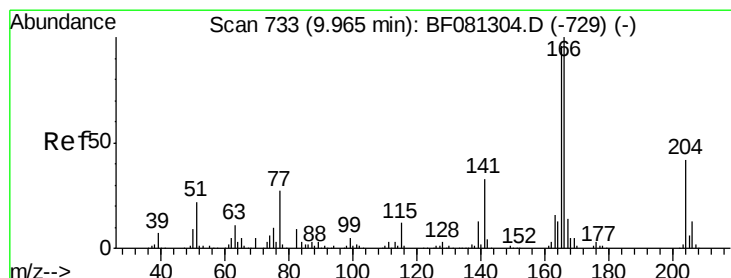
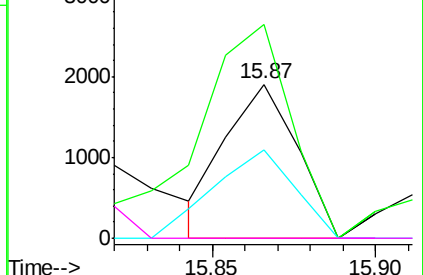
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



Time-->



#57

Fluorene

Concen: 124.01 ng

RT: 16.53 min Scan# 1351

Delta R.T. -0.04 min

Lab File: BF081691.D

Acq: 17 Sep 2015 22:33

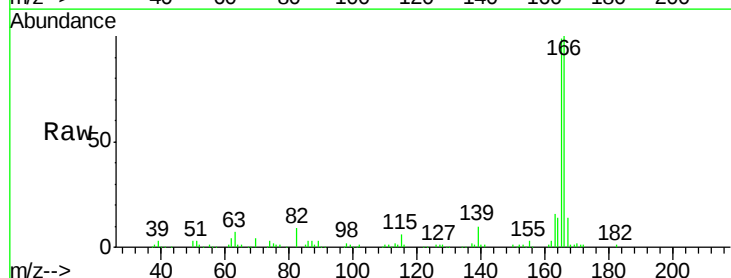
Tgt Ion:166 Resp: 373378

Ion Ratio Lower Upper

166 100

165 99.1 72.6 109.0

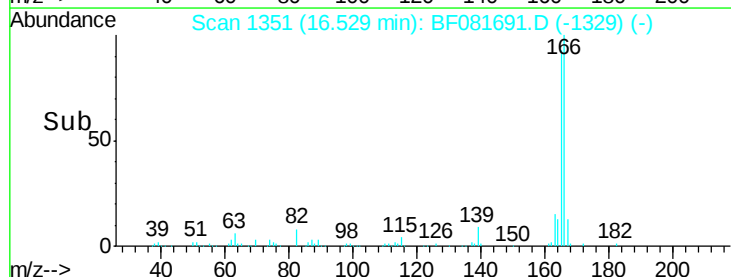
167 13.9 10.6 16.0



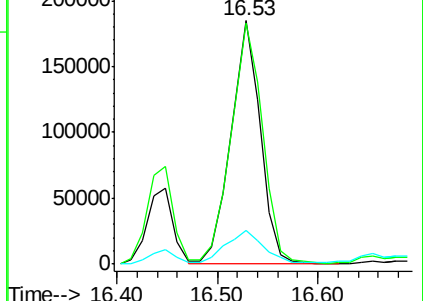
Abundance Ion 166.00 (165.70 to 166.70): E

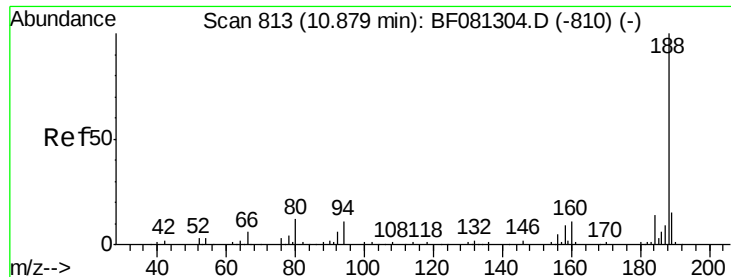
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->

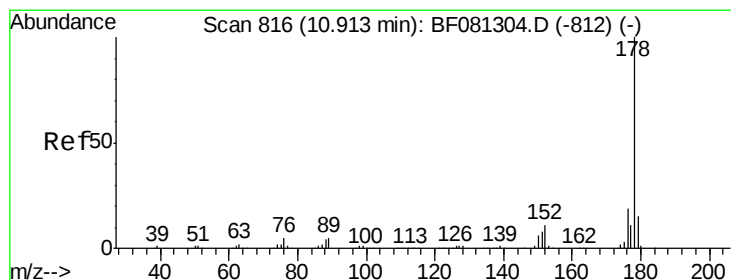
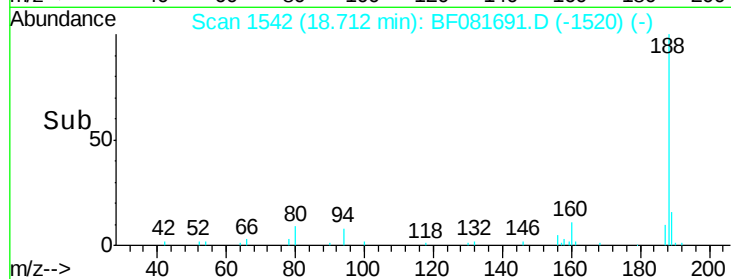
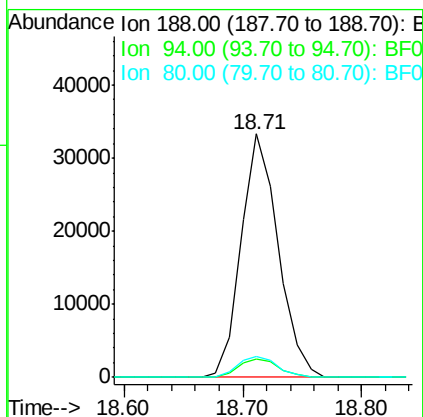
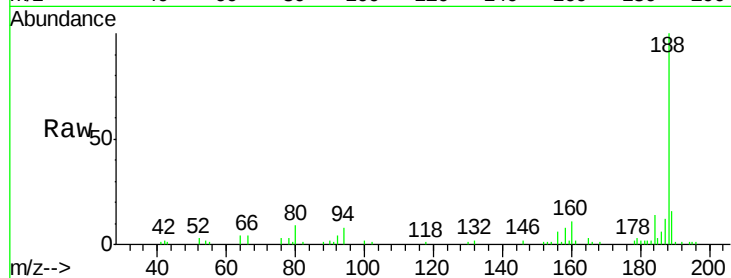




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 18.71 min Scan# 1542
 Delta R.T. -0.04 min
 Lab File: BF081691.D
 Acq: 17 Sep 2015 22:33

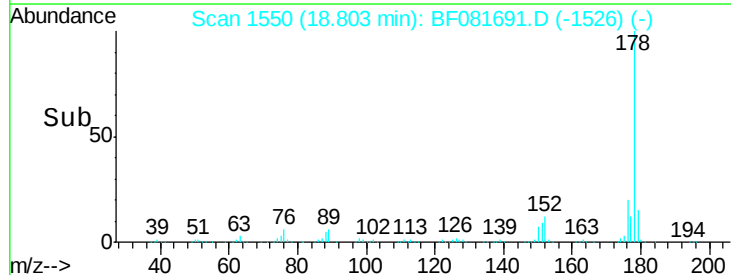
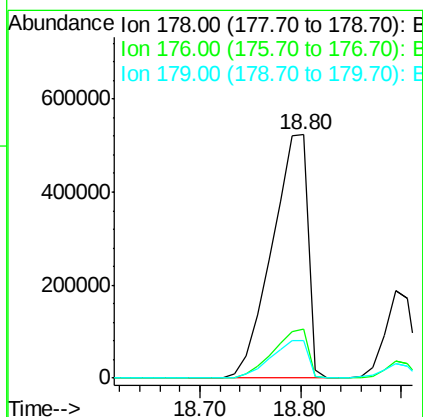
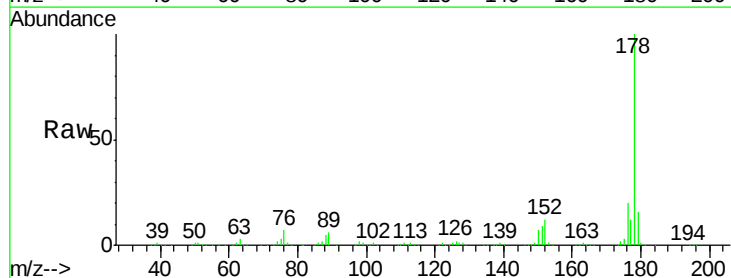
Instrument :
 BNA_F
 ClientSampleId :
 MGP204(20-22)DL

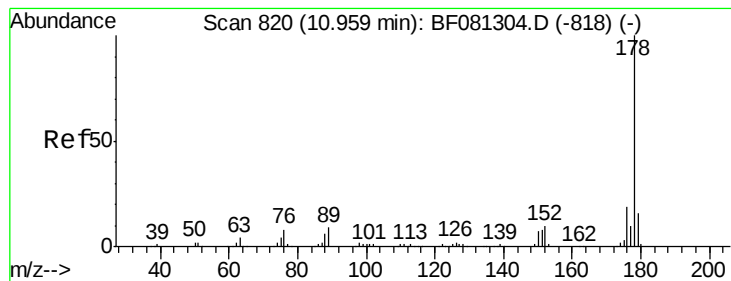
Tgt Ion:188 Resp: 72512
 Ion Ratio Lower Upper
 188 100
 94 7.6 11.1 16.7#
 80 8.5 11.0 16.4#



#70
 Phenanthrene
 Concen: 321.55 ng
 RT: 18.80 min Scan# 1550
 Delta R.T. -0.02 min
 Lab File: BF081691.D
 Acq: 17 Sep 2015 22:33

Tgt Ion:178 Resp: 1296249
 Ion Ratio Lower Upper
 178 100
 176 20.4 13.8 20.8
 179 15.6 12.2 18.2





#71

Anthracene

Concen: 82.80 ng

RT: 18.89 min Scan# 1558

Delta R.T. -0.06 min

Lab File: BF081691.D

Acq: 17 Sep 2015 22:33

Instrument :

BNA_F

ClientSampleId :

MGP204(20-22)DL

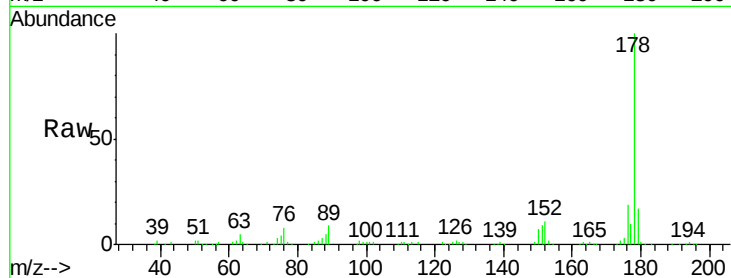
Tgt Ion:178 Resp: 342946

Ion Ratio Lower Upper

178 100

176 19.2 14.1 21.1

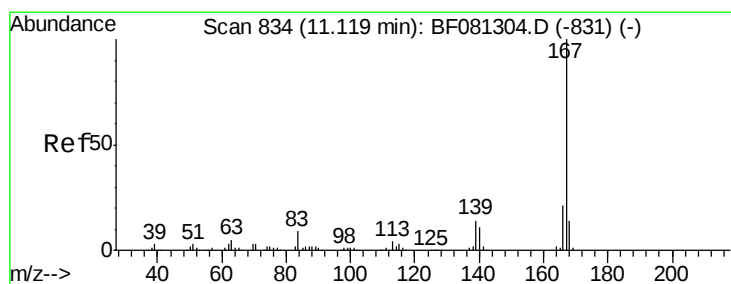
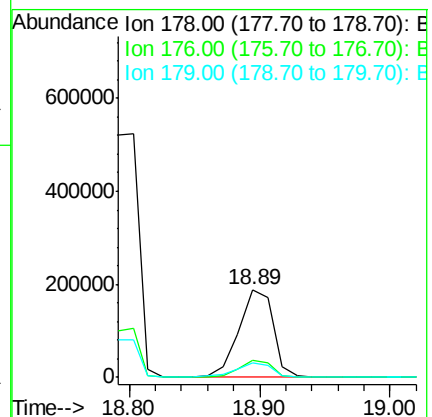
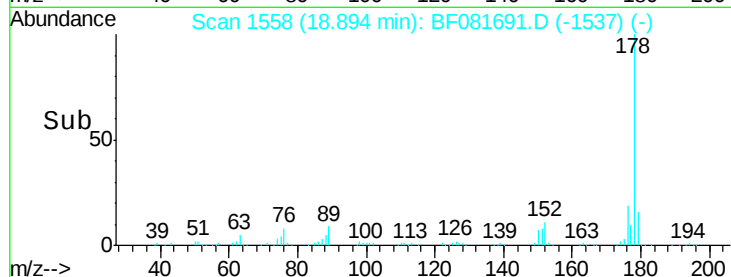
179 16.6 12.2 18.2



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



#72

Carbazole

Concen: 3.41 ng

RT: 19.36 min Scan# 1599

Delta R.T. -0.06 min

Lab File: BF081691.D

Acq: 17 Sep 2015 22:33

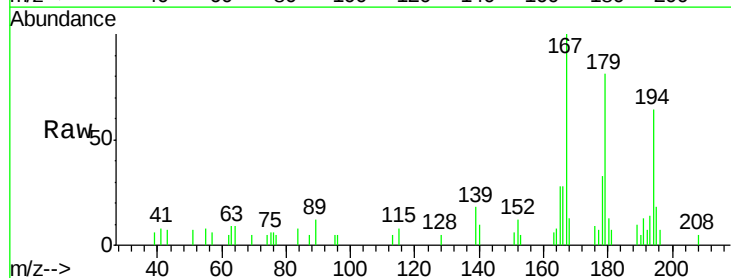
Tgt Ion:167 Resp: 13235

Ion Ratio Lower Upper

167 100

166 28.4 15.7 23.5#

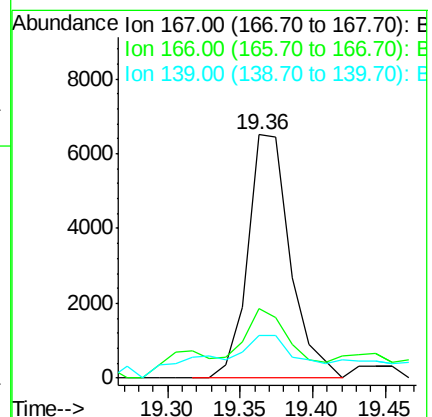
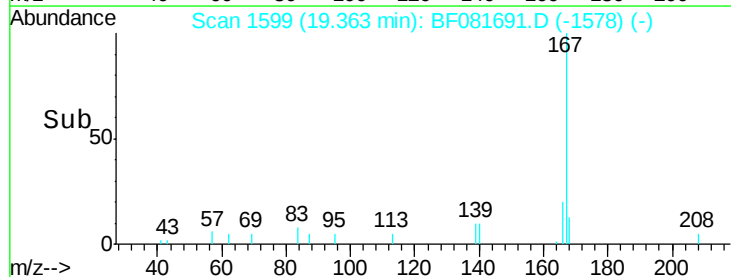
139 17.6 9.5 14.3#

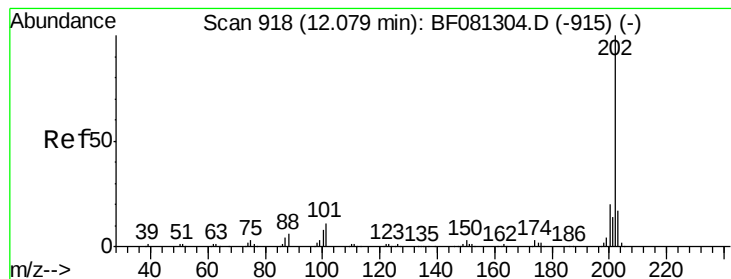


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 67.52 ng

RT: 21.40 min Scan# 1777

Delta R.T. -0.03 min

Lab File: BF081691.D

Acq: 17 Sep 2015 22:33

Instrument :

BNA_F

ClientSampleId :

MGP204(20-22)DL

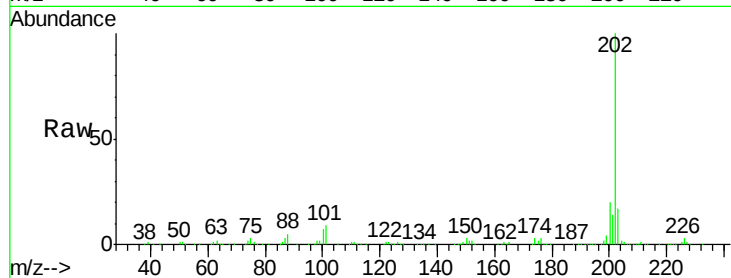
Tgt Ion:202 Resp: 294650

Ion Ratio Lower Upper

202 100

101 9.3 0.0 38.3

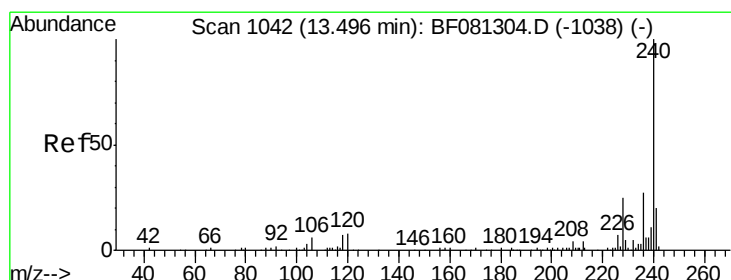
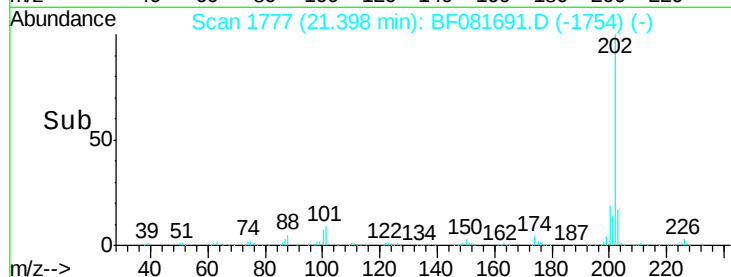
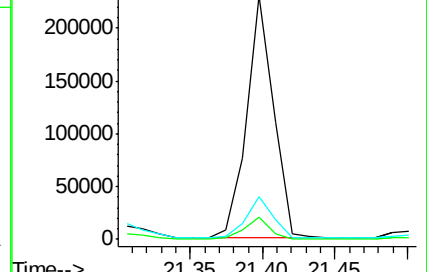
203 17.4 0.0 37.3



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: 23.35 min Scan# 1948

Delta R.T. -0.03 min

Lab File: BF081691.D

Acq: 17 Sep 2015 22:33

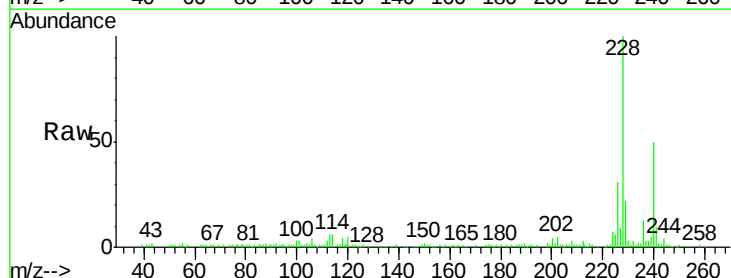
Tgt Ion:240 Resp: 47217

Ion Ratio Lower Upper

240 100

120 10.3 16.2 24.2#

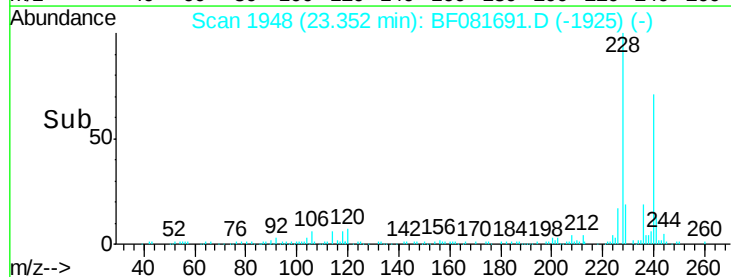
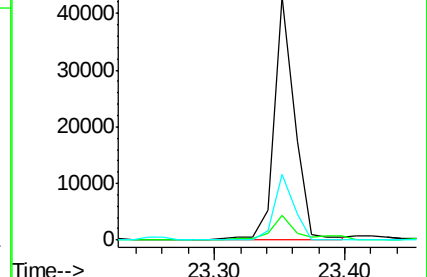
236 26.8 18.4 27.6

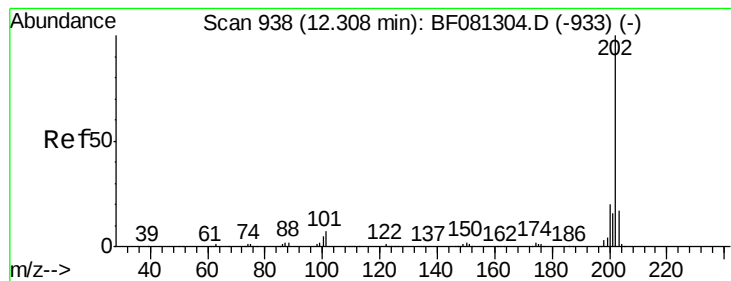


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 136.69 ng

RT: 21.75 min Scan# 1808

Delta R.T. -0.03 min

Lab File: BF081691.D

Acq: 17 Sep 2015 22:33

Instrument :

BNA_F

ClientSampleId :

MGP204(20-22)DL

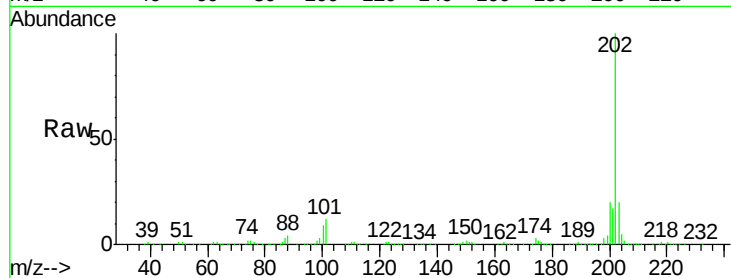
Tgt Ion:202 Resp: 478093

Ion Ratio Lower Upper

202 100

200 20.5 15.0 22.4

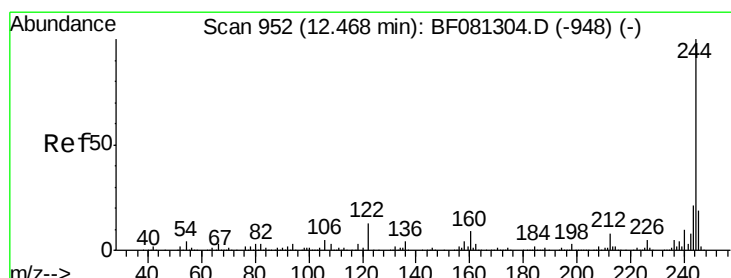
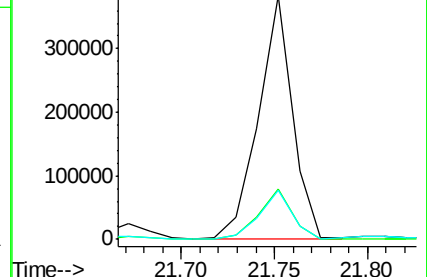
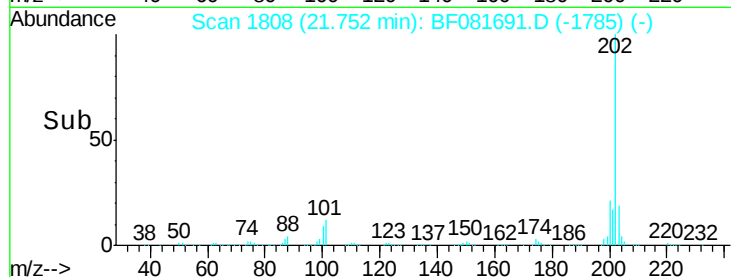
203 20.0 14.1 21.1



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: 18.26 ng

RT: 22.07 min Scan# 1836

Delta R.T. -0.04 min

Lab File: BF081691.D

Acq: 17 Sep 2015 22:33

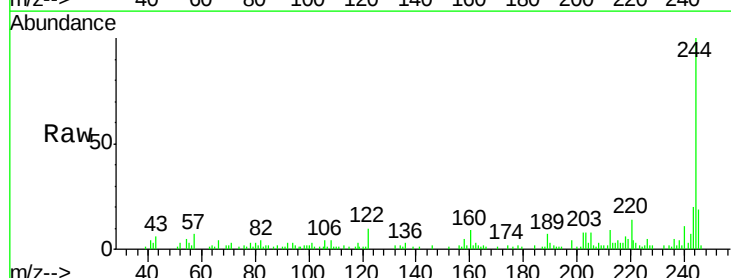
Tgt Ion:244 Resp: 37048

Ion Ratio Lower Upper

244 100

212 9.1 4.3 6.5#

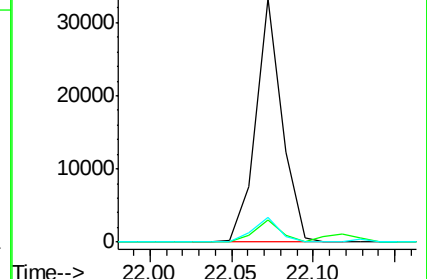
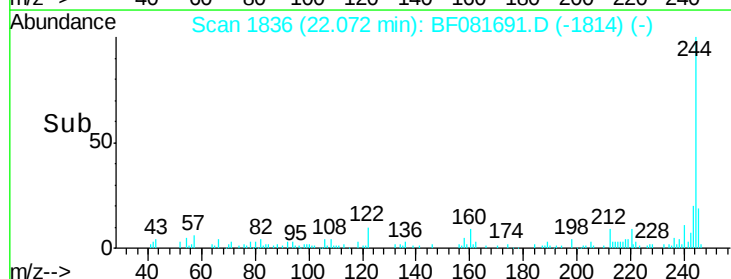
122 10.4 17.4 26.2#

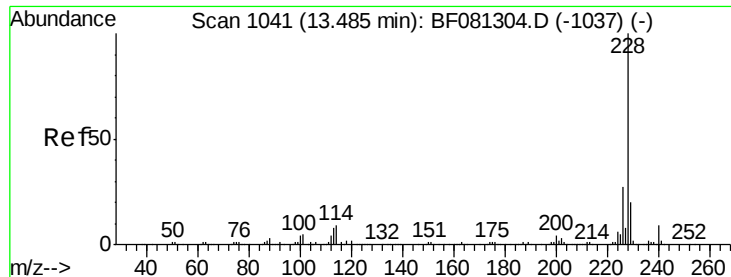


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 56.00 ng

RT: 23.34 min Scan# 1947

Delta R.T. -0.03 min

Lab File: BF081691.D

Acq: 17 Sep 2015 22:33

Instrument :

BNA_F

ClientSampleId :

MGP204(20-22)DL

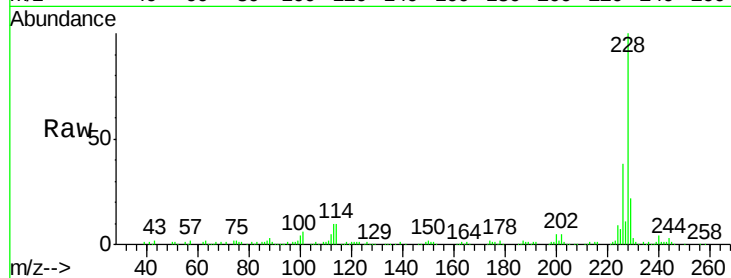
Tgt Ion:228 Resp: 168384

Ion Ratio Lower Upper

228 100

226 37.6 20.0 30.0#

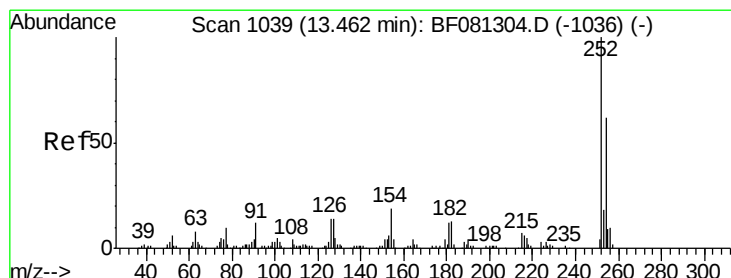
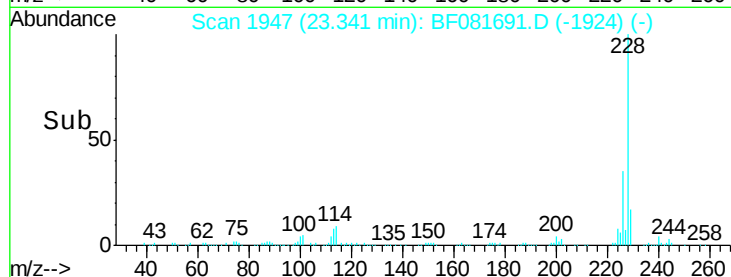
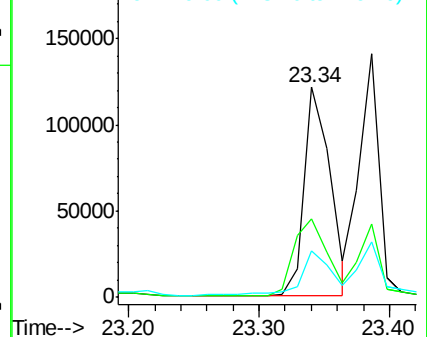
229 22.2 15.4 23.2



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



#81

3,3'-Dichlorobenzidine

Concen: 2.83 ng

RT: 23.43 min Scan# 1955

Delta R.T. 0.05 min

Lab File: BF081691.D

Acq: 17 Sep 2015 22:33

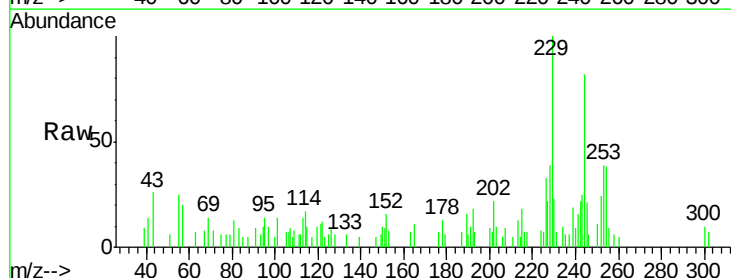
Tgt Ion:252 Resp: 2874

Ion Ratio Lower Upper

252 100

254 156.5 51.4 77.2#

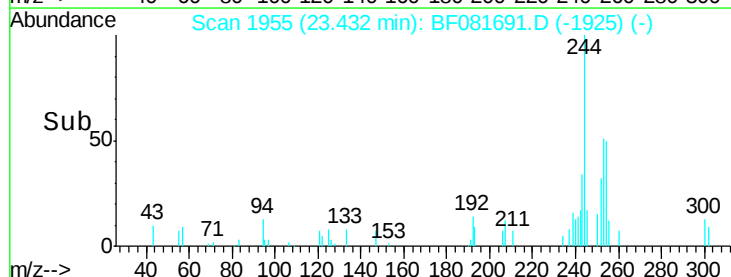
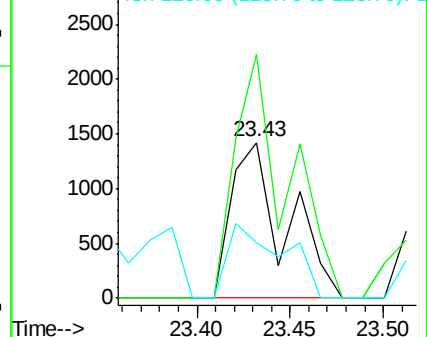
126 35.4 16.4 24.6#

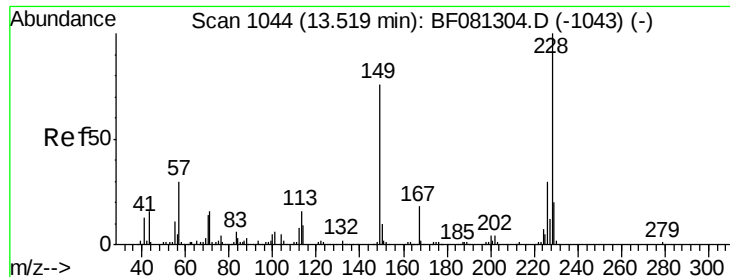


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 53.46 ng

RT: 23.39 min Scan# 1951

Delta R.T. -0.03 min

Lab File: BF081691.D

Acq: 17 Sep 2015 22:33

Instrument :

BNA_F

ClientSampleId :

MGP204(20-22)DL

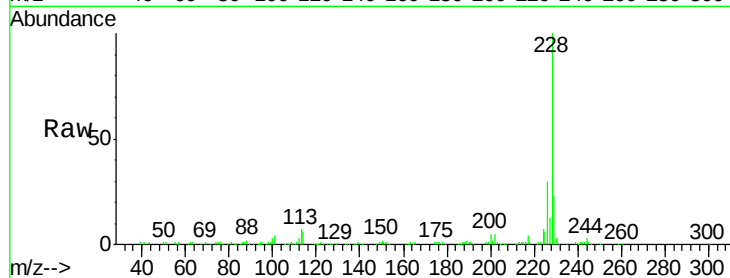
Tgt Ion:228 Resp: 144104

Ion Ratio Lower Upper

228 100

226 30.3 21.0 31.4

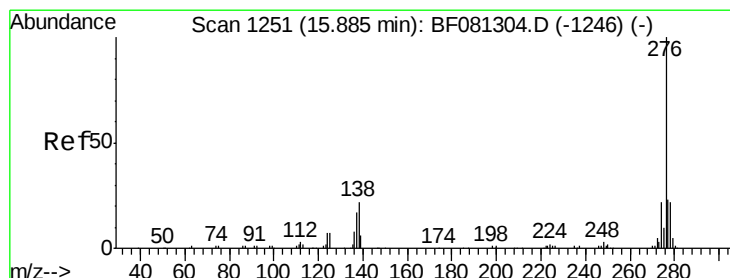
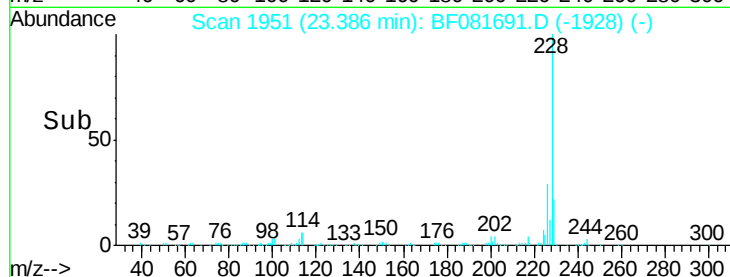
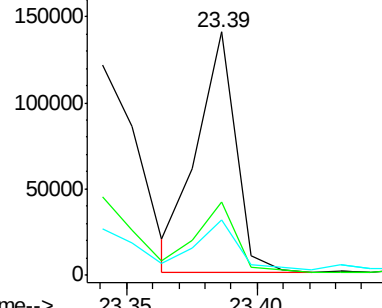
229 22.9 15.6 23.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#85

Indeno(1,2,3-cd)pyrene

Concen: 8.65 ng

RT: 25.82 min Scan# 2164

Delta R.T. -0.06 min

Lab File: BF081691.D

Acq: 17 Sep 2015 22:33

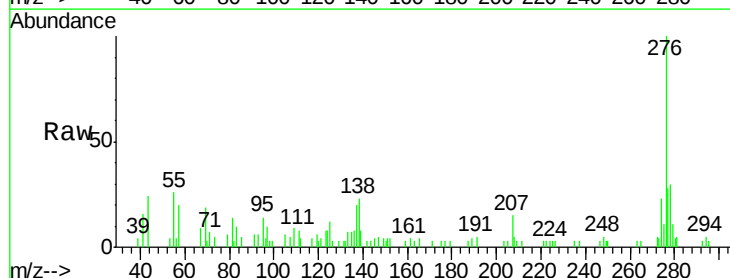
Tgt Ion:276 Resp: 17100

Ion Ratio Lower Upper

276 100

138 25.9 25.7 38.5

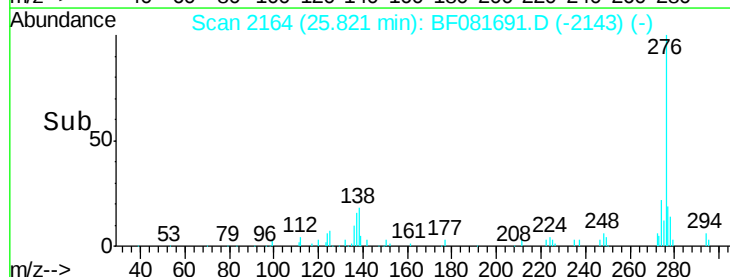
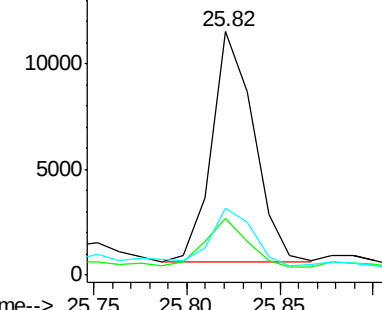
277 27.8 15.6 23.4#

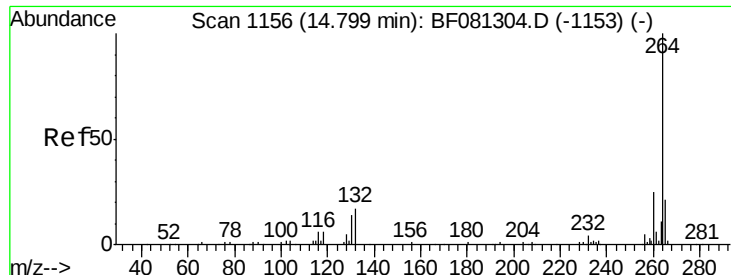


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

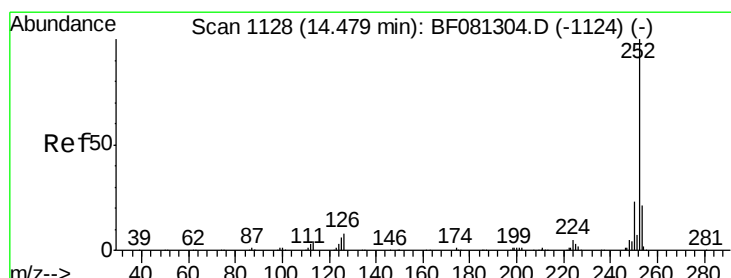
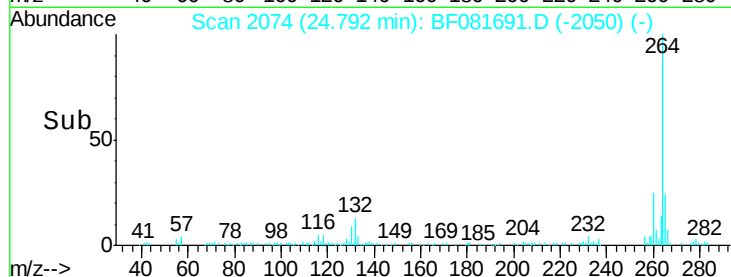
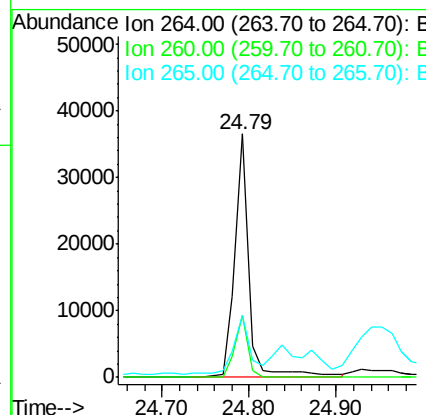
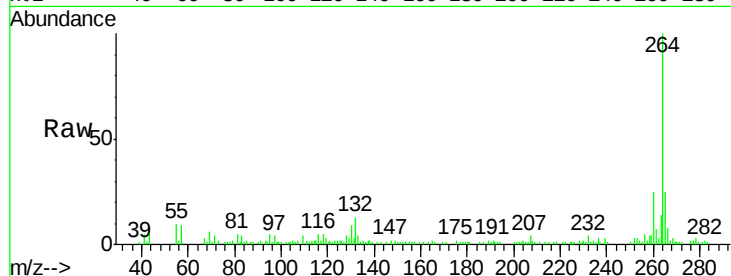




#86
Perylene-d12
Concen: 20.00 ng
RT: 24.79 min Scan# 2074
Delta R.T. -0.02 min
Lab File: BF081691.D
Acq: 17 Sep 2015 22:33

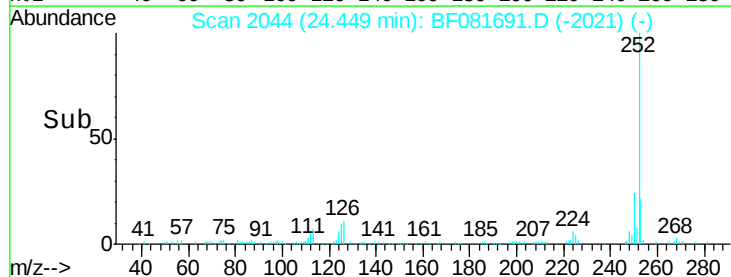
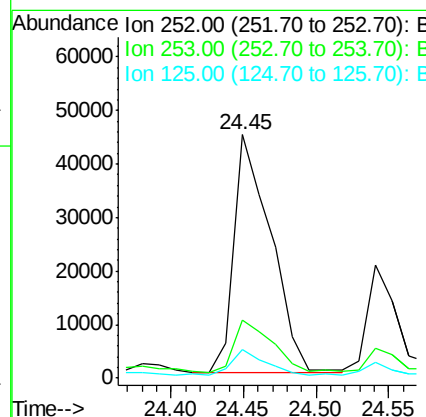
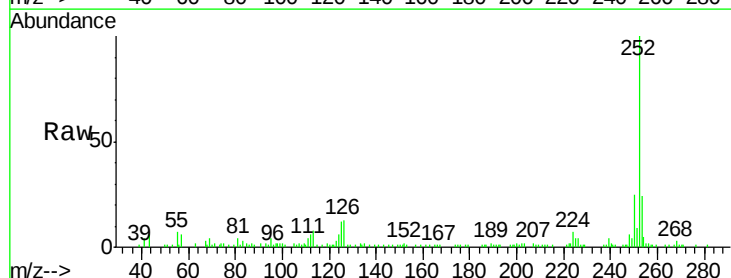
Instrument :
BNA_F
ClientSampleId :
MGP204(20-22)DL

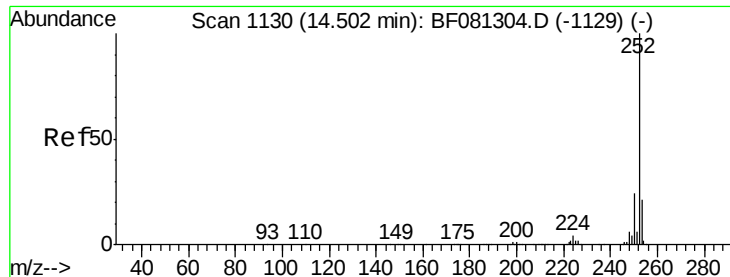
Tgt Ion:264 Resp: 41545
Ion Ratio Lower Upper
264 100
260 25.5 16.7 25.1#
265 25.2 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 26.38 ng
RT: 24.45 min Scan# 2044
Delta R.T. -0.03 min
Lab File: BF081691.D
Acq: 17 Sep 2015 22:33

Tgt Ion:252 Resp: 78255
Ion Ratio Lower Upper
252 100
253 23.7 17.5 26.3
125 11.8 17.1 25.7#





#88

Benzo(k)fluoranthene

Concen: 31.80 ng

RT: 24.45 min Scan# 2044

Delta R.T. -0.06 min

Lab File: BF081691.D

Acq: 17 Sep 2015 22:33

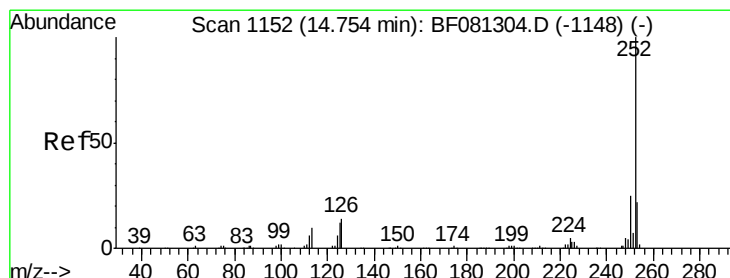
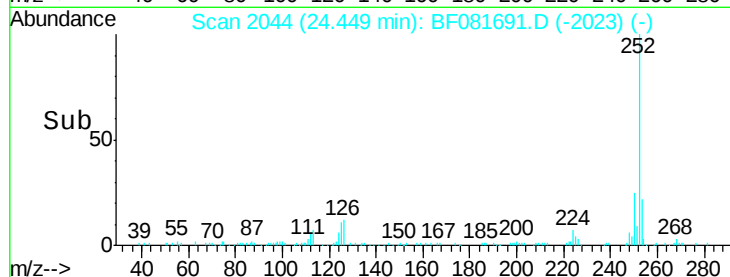
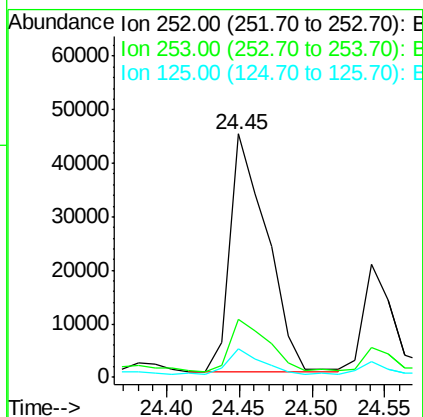
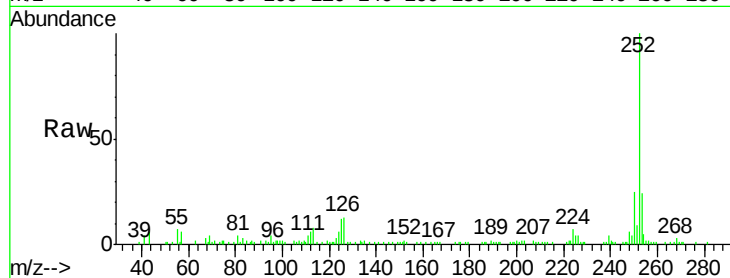
Instrument :

BNA_F

ClientSampleId :

MGP204(20-22)DL

Tgt Ion:	252	Resp:	78255
Ion Ratio		Lower	Upper
252	100		
253	23.7	17.0	25.4
125	11.8	16.0	24.0#



#89

Benzo(a)pyrene

Concen: 31.83 ng

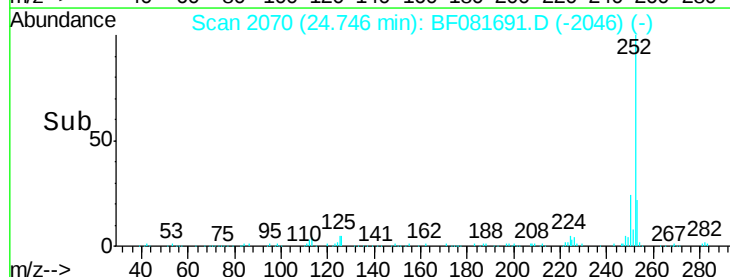
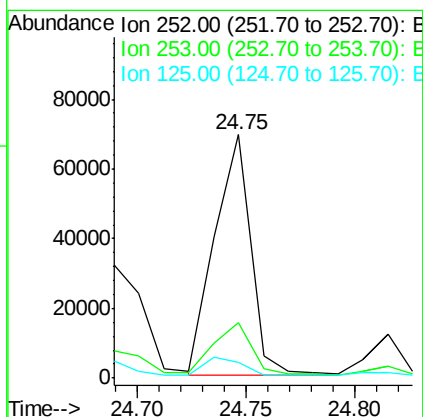
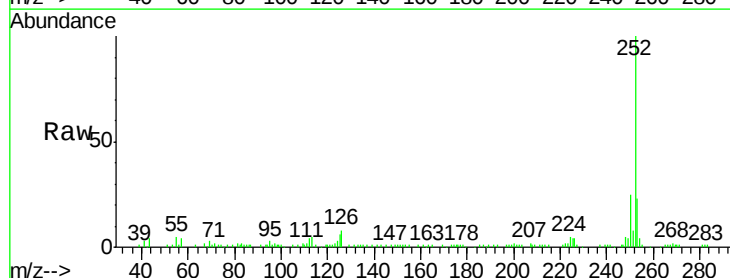
RT: 24.75 min Scan# 2070

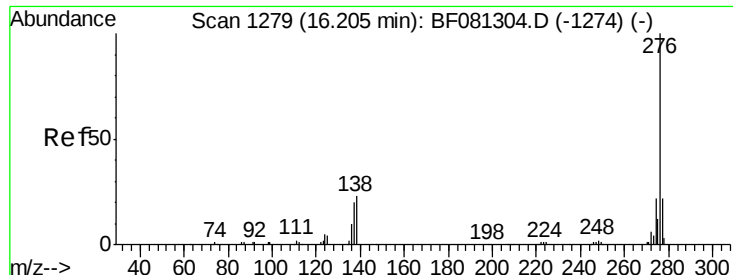
Delta R.T. -0.02 min

Lab File: BF081691.D

Acq: 17 Sep 2015 22:33

Tgt Ion:	252	Resp:	80013
Ion Ratio		Lower	Upper
252	100		
253	22.8	17.2	25.8
125	6.4	18.0	27.0#





#91

Benzo(g,h,i)perylene

Concen: 10.09 ng

RT: 26.12 min Scan# 2190

Delta R.T. -0.06 min

Lab File: BF081691.D

Acq: 17 Sep 2015 22:33

Instrument :

BNA_F

ClientSampleId :

MGP204(20-22)DL

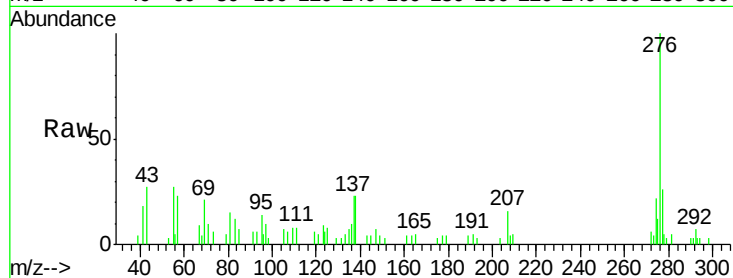
Tgt Ion:276 Resp: 18706

Ion Ratio Lower Upper

276 100

277 26.2 17.8 26.6

138 22.9 34.6 51.8#



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

