

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093015\
 Data File : BF081918.D
 Acq On : 30 Sep 2015 23:22
 Operator : UM/IZ
 Sample : G3785-02DL 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MGP221BR-30-32DL

Quant Time: Oct 01 03:54:46 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 18:10:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	132335	20.00	ng	-0.03
21) Naphthalene-d8	8.19	136	514678	20.00	ng	-0.02
38) Acenaphthene-d10	9.94	164	238766	20.00	ng	-0.03
63) Phenanthrene-d10	11.44	188	325266	20.00	ng	-0.02
75) Chrysene-d12	14.08	240	326489	20.00	ng	-0.03
86) Perylene-d12	15.54	264	393189	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	399293	54.77	ng	-0.02
7) Phenol-d6	6.53	99	483001	52.65	ng	-0.03
23) Nitrobenzene-d5	7.47	82	293889	38.06	ng	-0.02
41) 2,4,6-Tribromophenol	10.74	330	91229	37.73	ng	-0.02
44) 2-Fluorobiphenyl	9.27	172	481310	29.47	ng	-0.03
78) Terphenyl-d14	13.03	244	314375	25.02	ng	-0.02

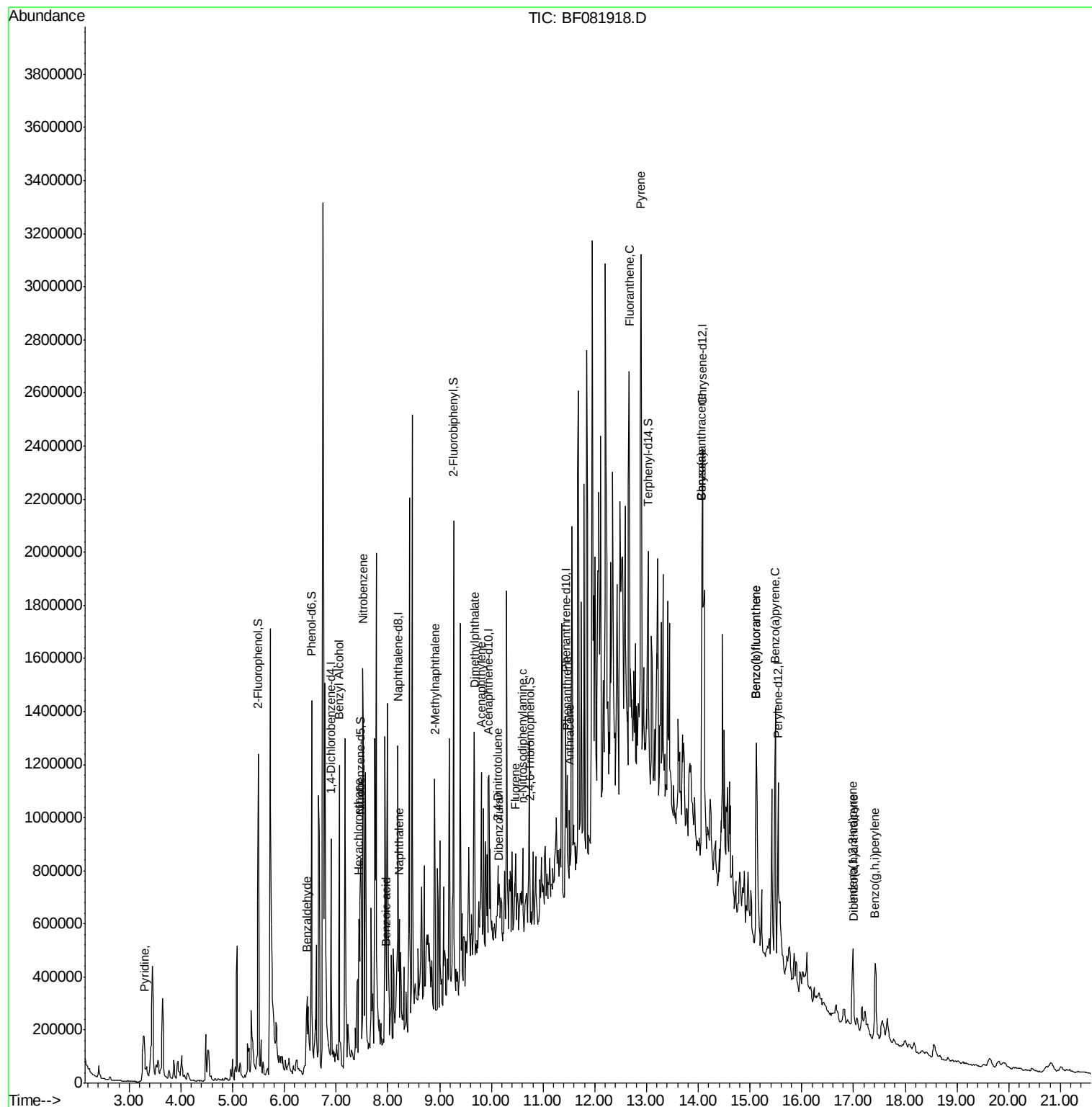
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Pyridine	3.29	79	188317	22.82	ng	# 19
9) Benzaldehyde	6.43	77	66210	11.02	ng	# 1
15) Benzyl Alcohol	7.06	79	13248	2.00	ng	# 27
18) Hexachloroethane	7.44	117	214019	68.85	ng	# 34
24) Nitrobenzene	7.52	77	49044	5.85	ng	# 1
31) Naphthalene	8.22	128	176856	7.75	ng	# 82
32) Benzoic acid	7.97	122	2417	7.83	ng	# 1
37) 2-Methylnaphthalene	8.90	142	78073	5.02	ng	# 33
48) Acenaphthylene	9.81	152	352846	15.24	ng	# 94
49) Dimethylphthalate	9.67	163	151782	9.21	ng	# 89
54) Dibenzofuran	10.14	168	45355	2.33	ng	# 73
56) 2,4-Dinitrotoluene	10.13	165	13222	2.90	ng	# 1
57) Fluorene	10.47	166	79692	3.78	ng	# 56
65) n-Nitrosodiphenylamine	10.61	169	27590	2.80	ng	# 75
70) Phenanthrene	11.46	178	199936	11.53	ng	# 93
71) Anthracene	11.51	178	167592	10.14	ng	# 94
73) Di-n-butylphthalate	12.00	149	6306	Below Cal		# 1
74) Fluoranthene	12.66	202	718796	41.25	ng	# 86
77) Pyrene	12.89	202	1170616	60.02	ng	# 94
80) Benzo(a)anthracene	14.07	228	759513	43.20	ng	# 87
82) Chrysene	14.07	228	759513	59.20	ng	# 88
85) Indeno(1,2,3-cd)pyrene	16.98	276	243783	17.73	ng	# 86
87) Benzo(b)fluoranthene	15.12	252	696097	31.01	ng	# 88
88) Benzo(k)fluoranthene	15.12	252	696097	33.83	ng	# 88
89) Benzo(a)pyrene	15.49	252	608844	31.27	ng	# 84
90) Dibenzo(a,h)anthracene	17.00	278	65931	4.04	ng	# 78
91) Benzo(g,h,i)perylene	17.42	276	268391	16.03	ng	# 79

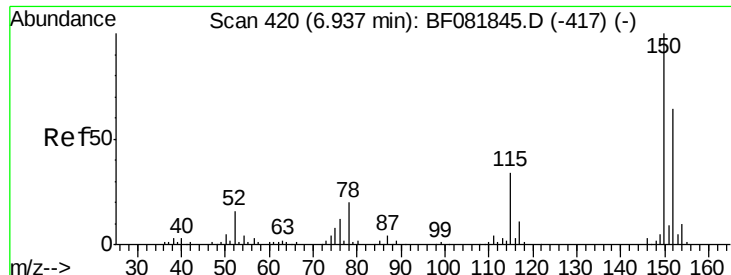
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 417

Delta R.T. -0.03 min

Lab File: BF081918.D

Acq: 30 Sep 2015 23:22

Instrument :

BNA_F

ClientSampleId :

MGP221BR-30-32DL

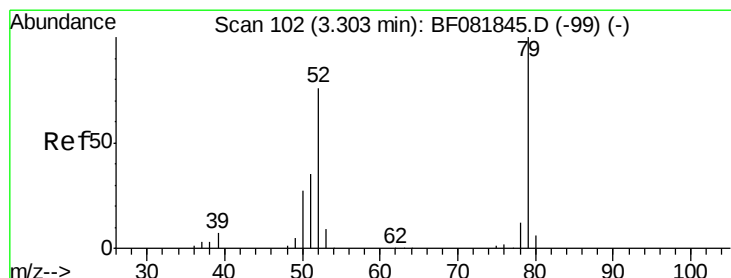
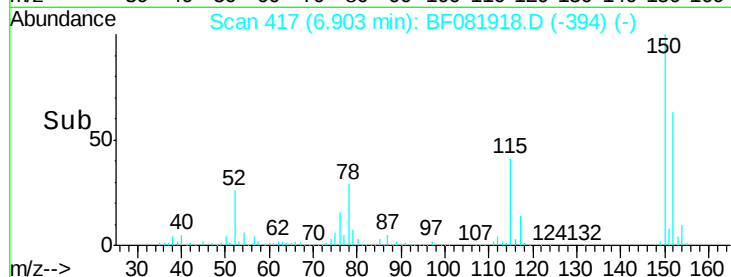
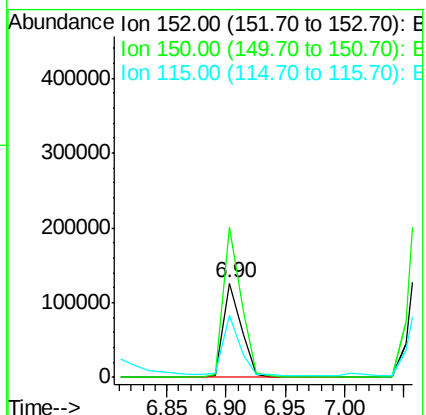
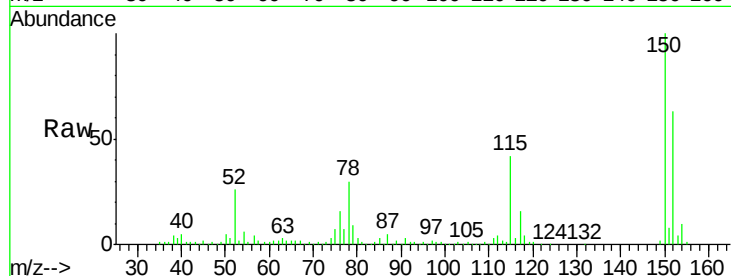
Tgt Ion:152 Resp: 132335

Ion Ratio Lower Upper

152 100

150 159.2 124.7 187.1

115 66.3 39.0 58.4#



#3

Pyridine

Concen: 22.82 ng

RT: 3.29 min Scan# 101

Delta R.T. -0.01 min

Lab File: BF081918.D

Acq: 30 Sep 2015 23:22

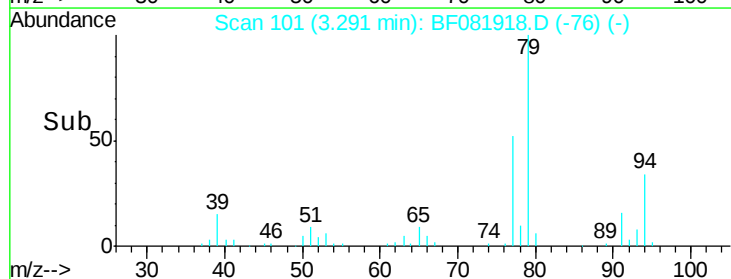
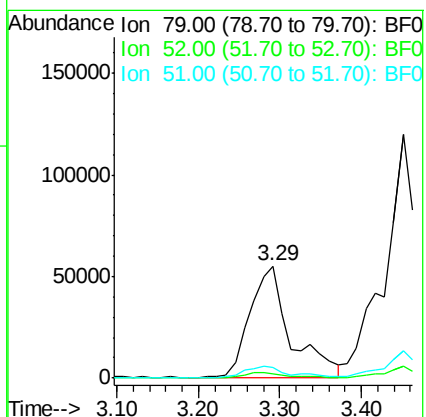
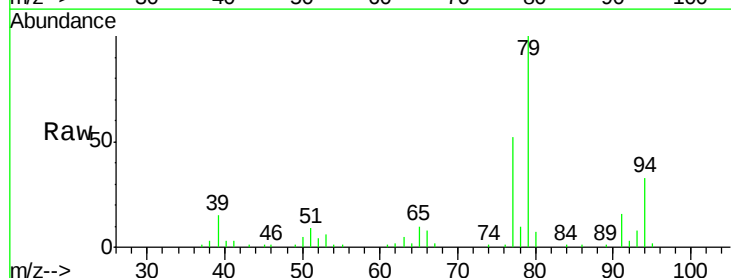
Tgt Ion: 79 Resp: 188317

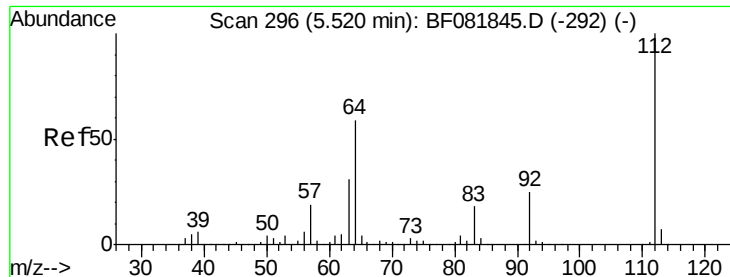
Ion Ratio Lower Upper

79 100

52 4.3 76.8 115.2#

51 9.1 32.2 48.4#





#5

2-Fluorophenol

Concen: 54.77 ng

RT: 5.50 min Scan# 294

Delta R.T. -0.02 min

Lab File: BF081918.D

Acq: 30 Sep 2015 23:22

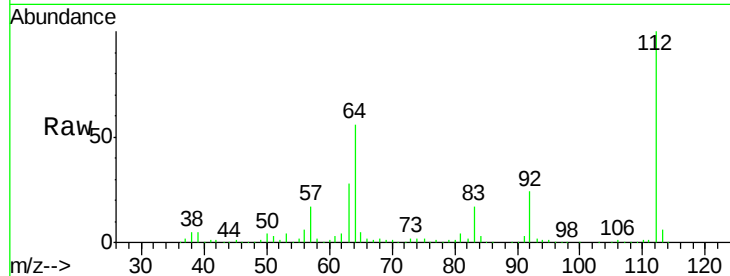
Instrument :

BNA_F

ClientSampleId :

MGP221BR-30-32DL

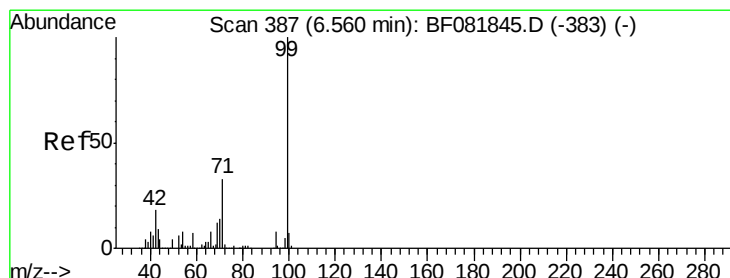
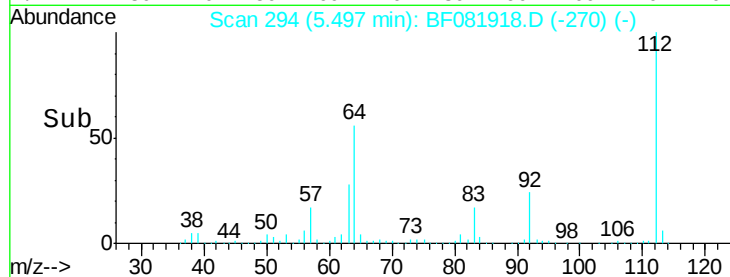
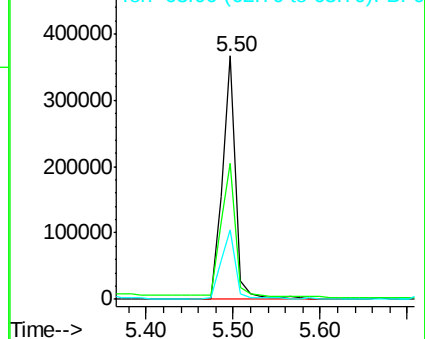
Tgt Ion:	112	Resp:	399293
Ion	Ratio	Lower	Upper
112	100		
64	55.8	39.7	59.5
63	28.4	17.4	26.0#



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: 52.65 ng

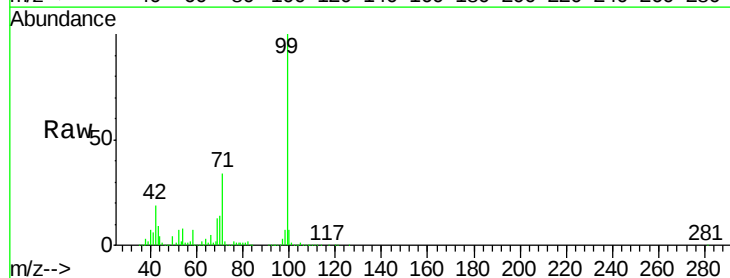
RT: 6.53 min Scan# 384

Delta R.T. -0.03 min

Lab File: BF081918.D

Acq: 30 Sep 2015 23:22

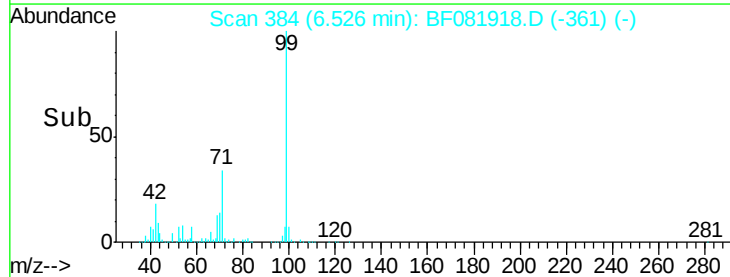
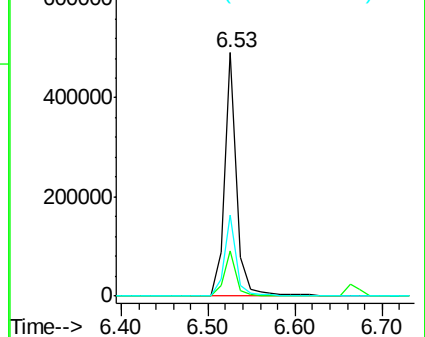
Tgt Ion:	99	Resp:	483001
Ion	Ratio	Lower	Upper
99	100		
42	18.5	13.7	20.5
71	33.5	14.2	21.2#

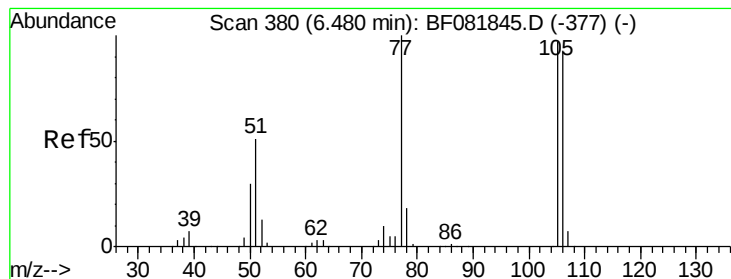


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#9

Benzaldehyde

Concen: 11.02 ng

RT: 6.43 min Scan# 376

Delta R.T. -0.05 min

Lab File: BF081918.D

Acq: 30 Sep 2015 23:22

Instrument :

BNA_F

ClientSampleId :

MGP221BR-30-32DL

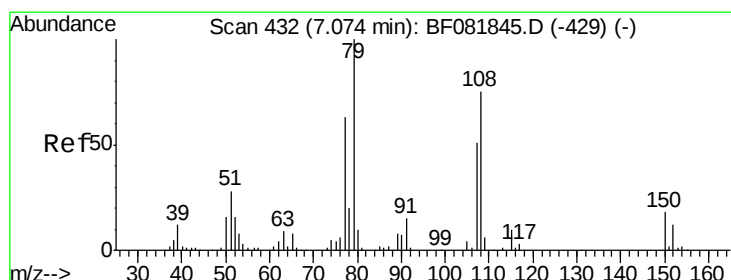
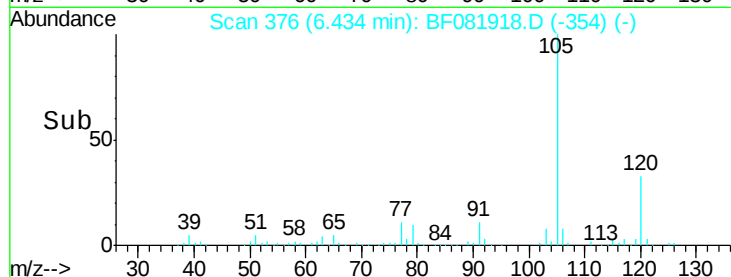
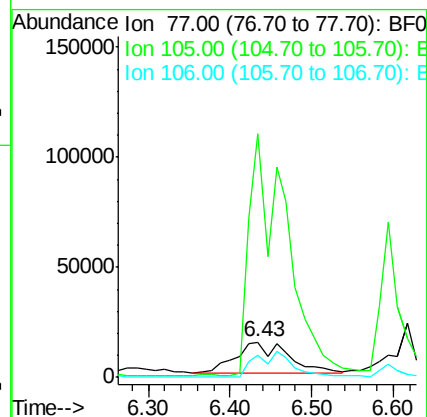
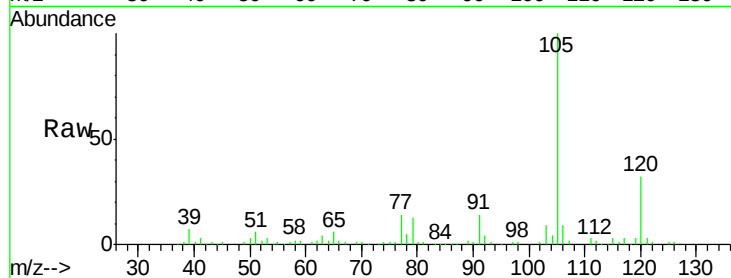
Tgt Ion: 77 Resp: 66210

Ion Ratio Lower Upper

77 100

105 694.8 91.6 131.6#

106 62.2 102.6 142.6#



#15

Benzyl Alcohol

Concen: 2.00 ng

RT: 7.06 min Scan# 431

Delta R.T. -0.01 min

Lab File: BF081918.D

Acq: 30 Sep 2015 23:22

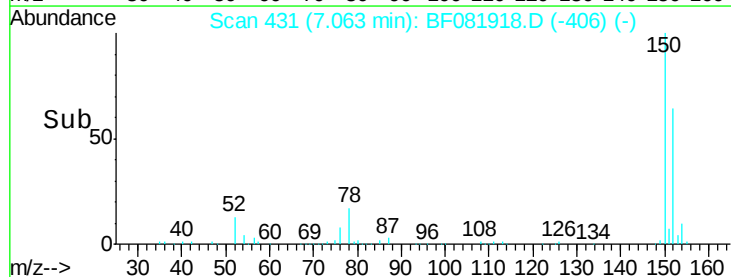
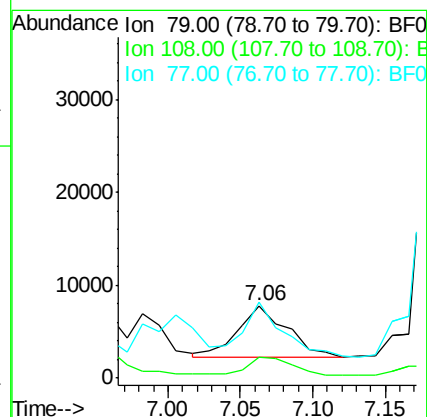
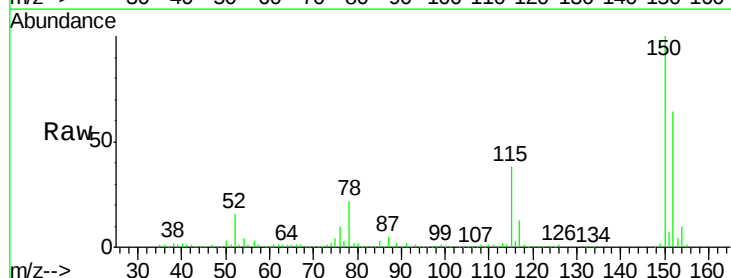
Tgt Ion: 79 Resp: 13248

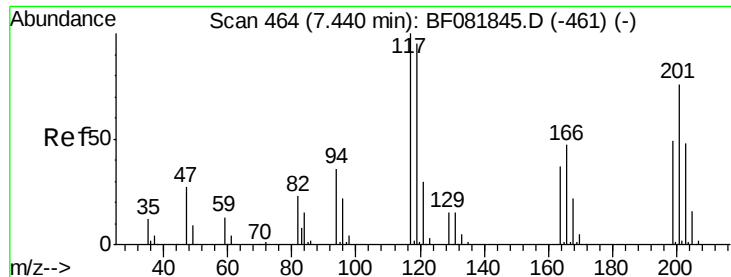
Ion Ratio Lower Upper

79 100

108 28.2 88.6 132.8#

77 105.8 47.0 70.4#

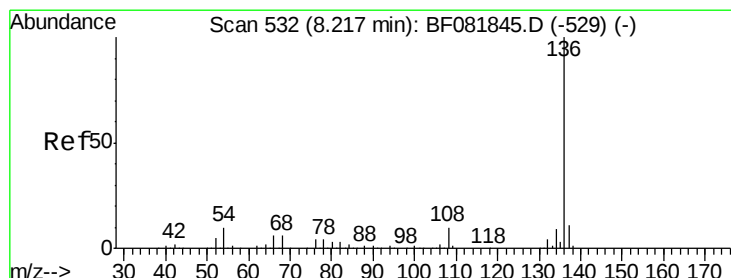
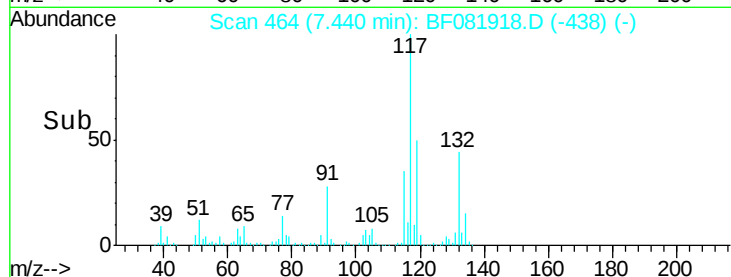
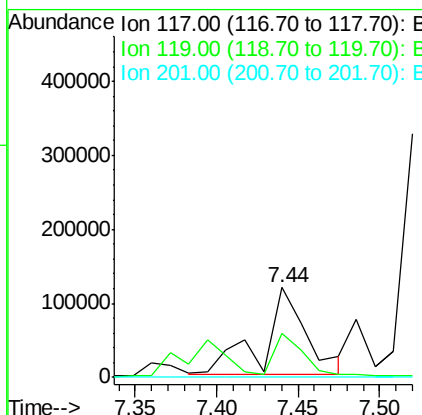
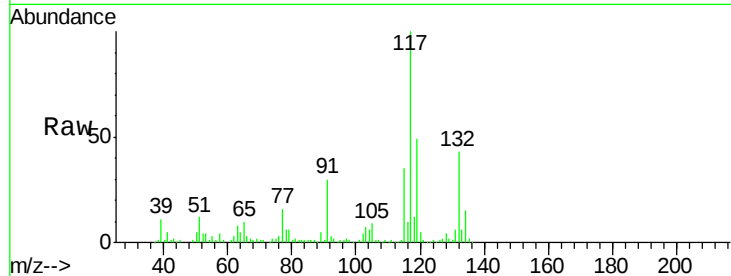




#18
Hexachloroethane
Concen: 68.85 ng
RT: 7.44 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF081918.D
Acq: 30 Sep 2015 23:22

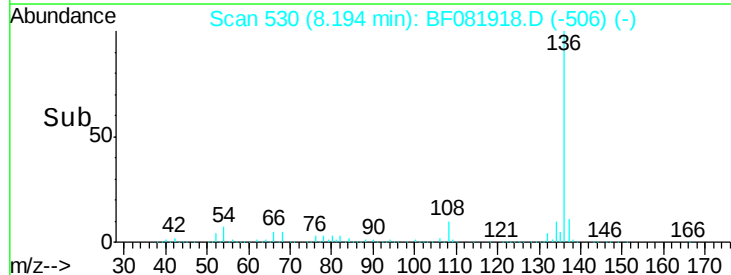
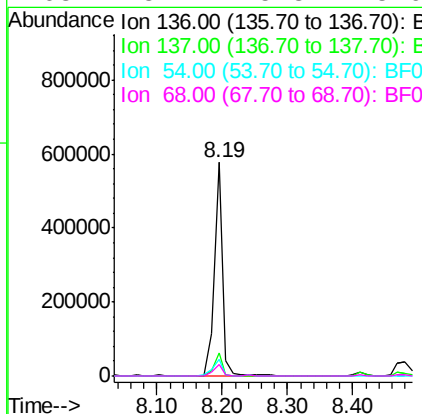
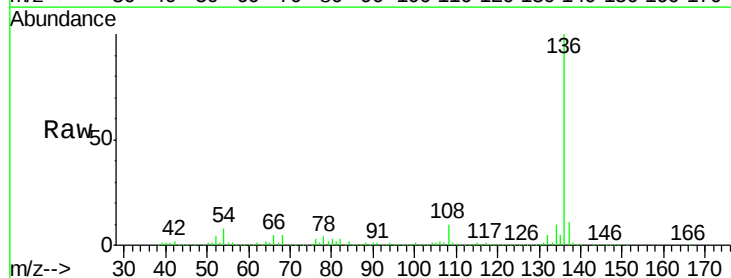
Instrument :
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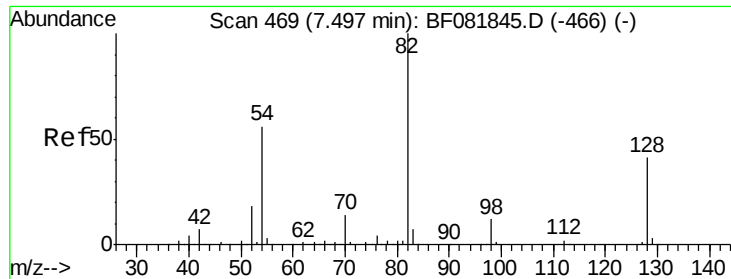
Tgt Ion:117 Resp: 214019
Ion Ratio Lower Upper
117 100
119 49.2 83.8 125.6#
201 0.0 55.1 82.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 530
Delta R.T. -0.02 min
Lab File: BF081918.D
Acq: 30 Sep 2015 23:22

Tgt Ion:136 Resp: 514678
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.6
54 7.6 8.2 12.2#
68 5.2 5.8 8.6#

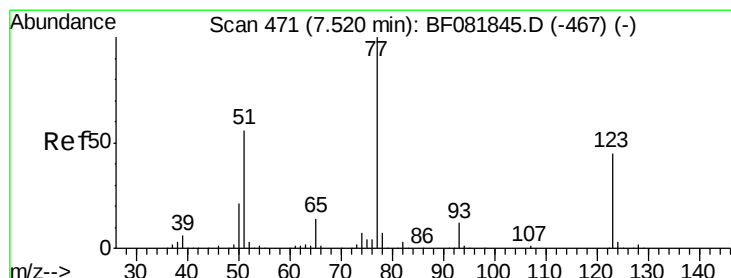
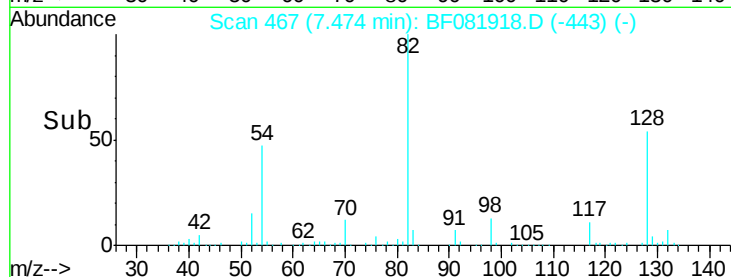
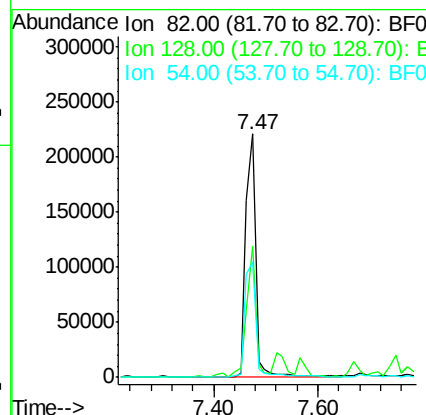
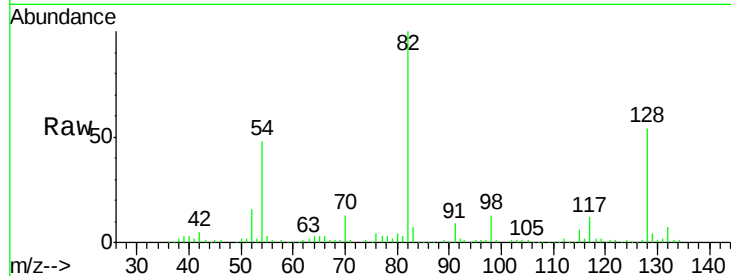




#23
 Nitrobenzene-d5
 Concen: 38.06 ng
 RT: 7.47 min Scan# 467
 Delta R.T. -0.02 min
 Lab File: BF081918.D
 Acq: 30 Sep 2015 23:22

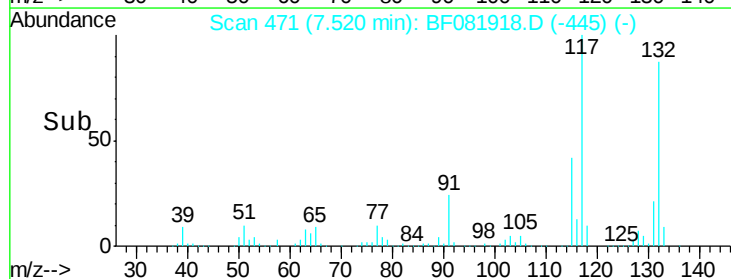
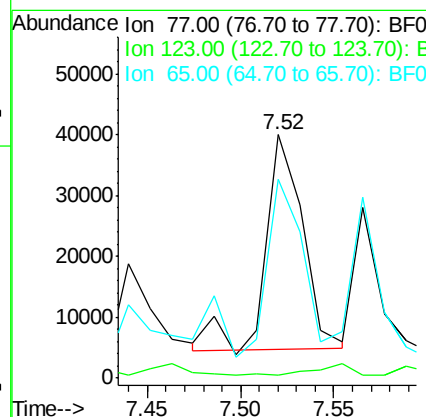
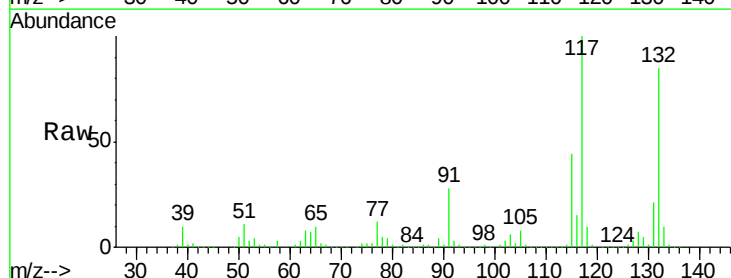
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 BNA_F
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 MGP221BR-30-32DL

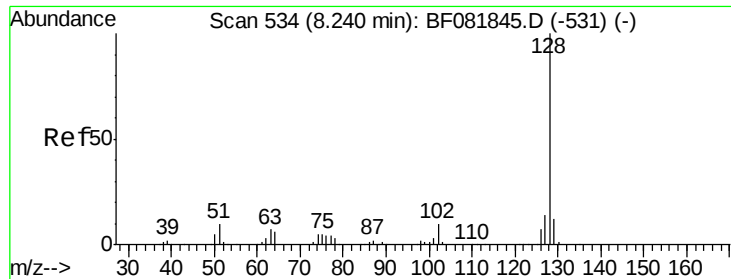
Tgt Ion: 82 Resp: 293889
 Ion Ratio Lower Upper
 82 100
 128 54.0 51.0 76.6
 54 47.5 47.5 71.3#



#24
 Nitrobenzene
 Concen: 5.85 ng
 RT: 7.52 min Scan# 471
 Delta R.T. -0.00 min
 Lab File: BF081918.D
 Acq: 30 Sep 2015 23:22

Tgt Ion: 77 Resp: 49044
 Ion Ratio Lower Upper
 77 100
 123 1.1 59.8 89.8#
 65 81.6 10.2 15.4#

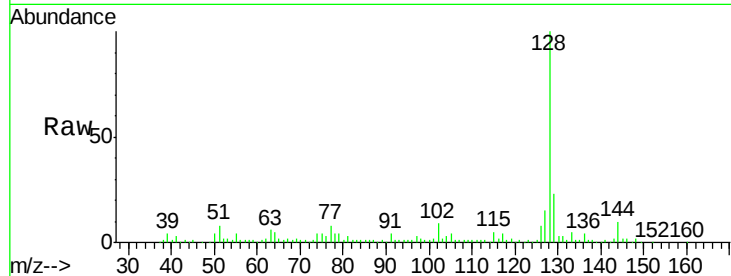




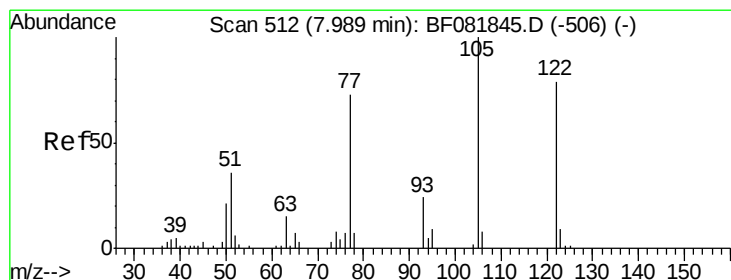
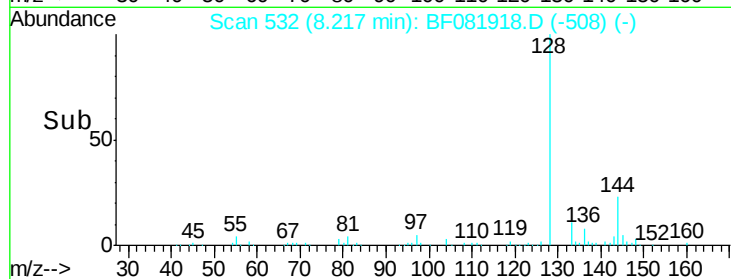
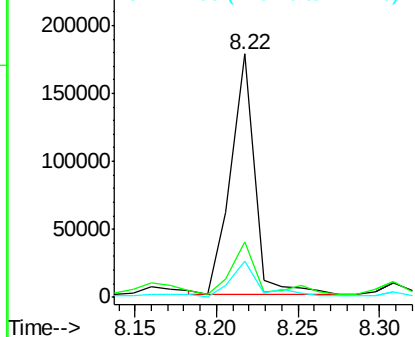
#31
Naphthalene
Concen: 7.75 ng
RT: 8.22 min Scan# 532
Delta R.T. -0.02 min
Lab File: BF081918.D
Acq: 30 Sep 2015 23:22

Instrument :
BNA_F
ClientSampleId :
MGP221BR-30-32DL

Tgt Ion	Ratio	Lower	Upper
128	100		
129	22.6	8.4	12.6#
127	14.8	9.9	14.9

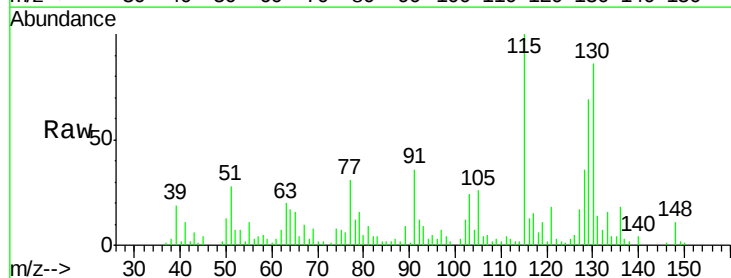


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

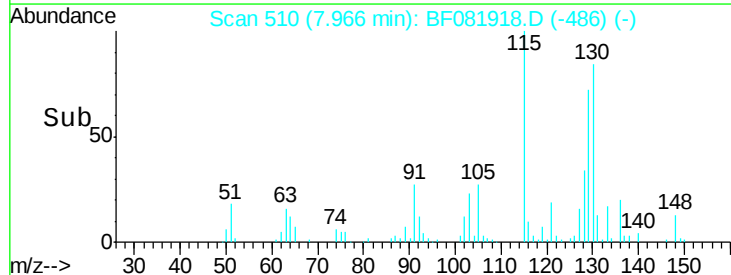
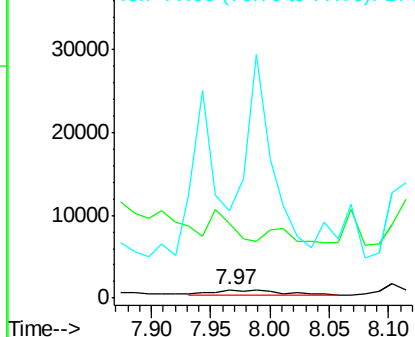


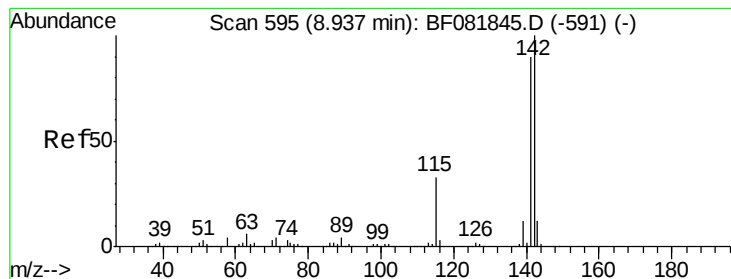
#32
Benzoic acid
Concen: 7.83 ng
RT: 7.97 min Scan# 510
Delta R.T. -0.02 min
Lab File: BF081918.D
Acq: 30 Sep 2015 23:22

Tgt Ion	Ratio	Lower	Upper
122	100		
105	895.5	76.1	116.1#
77	1042.8	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





#37

2-Methylnaphthalene

Concen: 5.02 ng

RT: 8.90 min Scan# 592

Delta R.T. -0.03 min

Lab File: BF081918.D

Acq: 30 Sep 2015 23:22

Instrument :

BNA_F

ClientSampleId :

MGP221BR-30-32DL

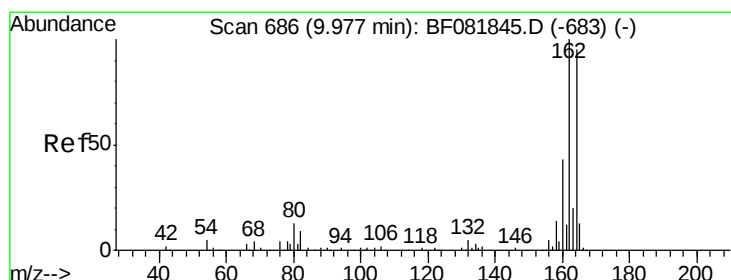
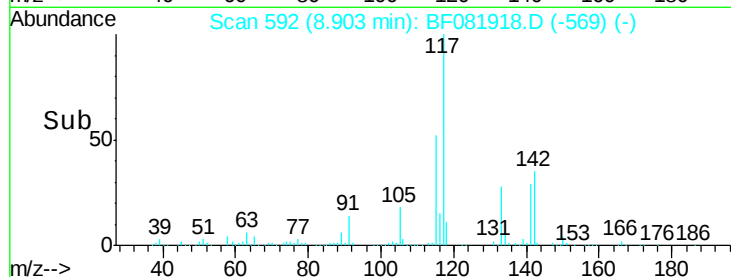
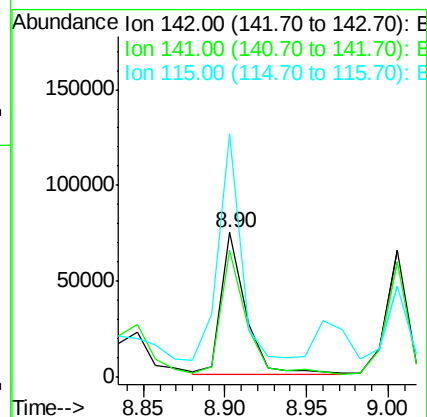
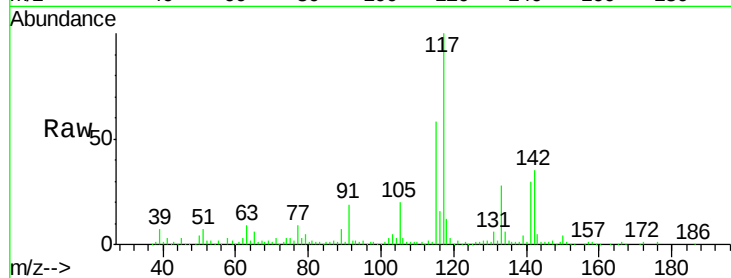
Tgt Ion:142 Resp: 78073

Ion Ratio Lower Upper

142 100

141 88.0 67.5 101.3

115 167.9 18.2 27.2#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.94 min Scan# 683

Delta R.T. -0.03 min

Lab File: BF081918.D

Acq: 30 Sep 2015 23:22

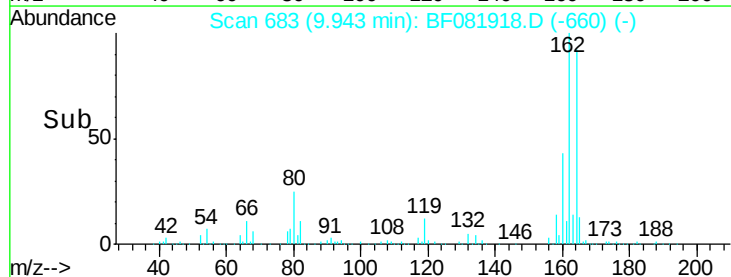
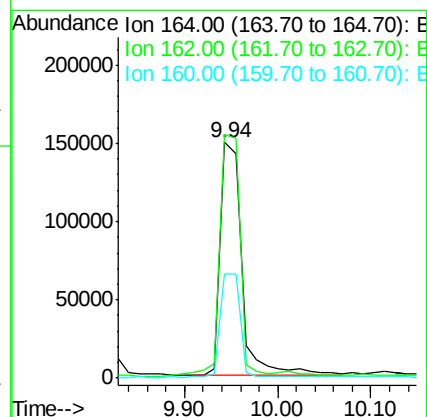
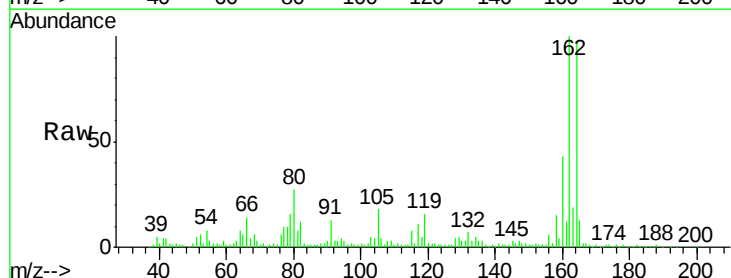
Tgt Ion:164 Resp: 238766

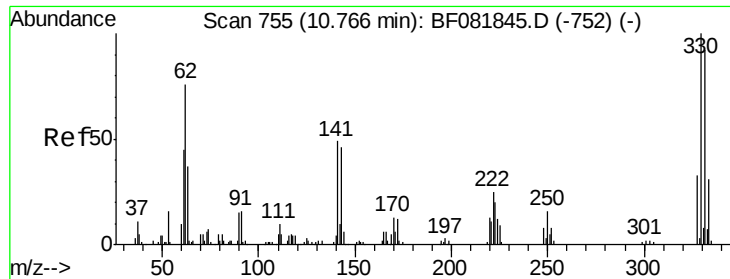
Ion Ratio Lower Upper

164 100

162 103.3 75.2 112.8

160 44.4 31.5 47.3

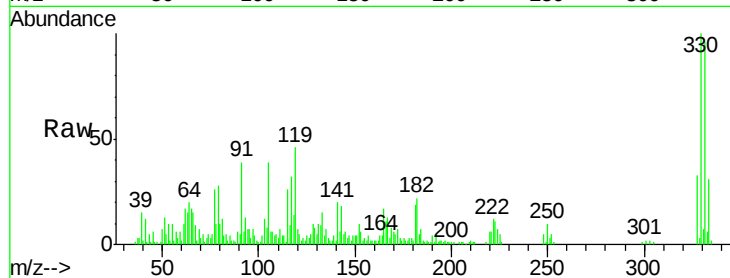




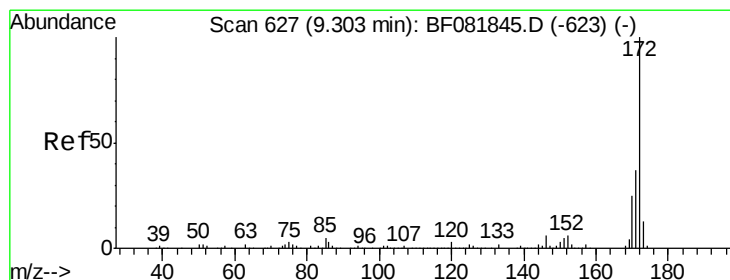
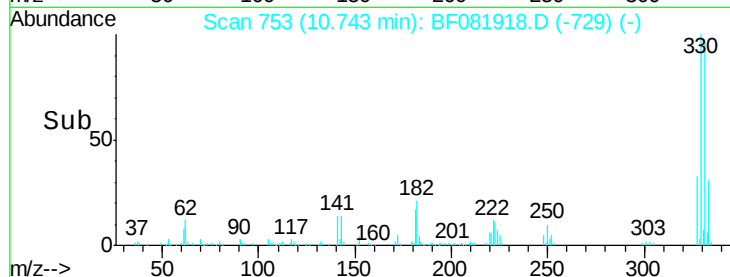
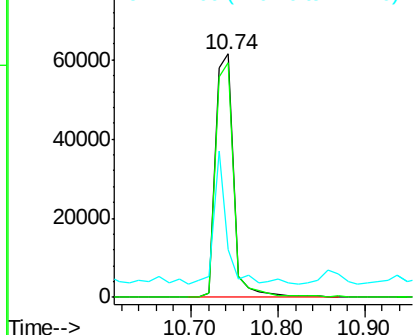
#41
 2,4,6-Tribromophenol
 Concen: 37.73 ng
 RT: 10.74 min Scan# 753
 Delta R.T. -0.02 min
 Lab File: BF081918.D
 Acq: 30 Sep 2015 23:22

Instrument :
 BNA_F
 ClientSampleId :
 MGP221BR-30-32DL

Tgt Ion: 330 Resp: 91229
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.6 114.8
 141 37.0 29.7 44.5

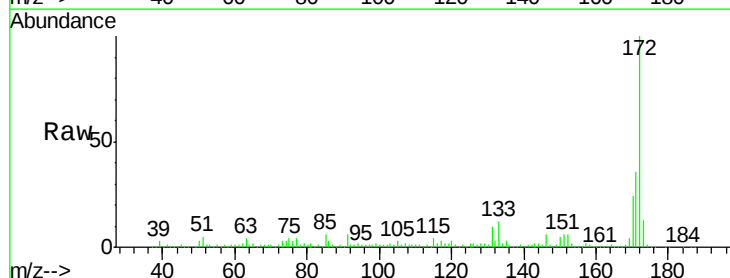


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

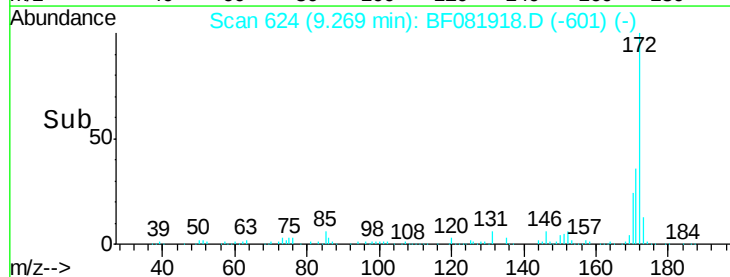
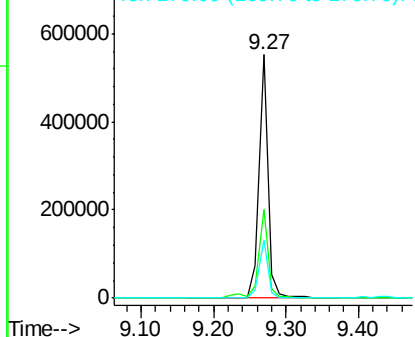


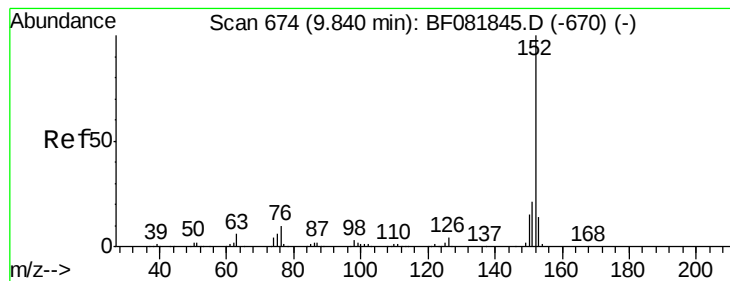
#44
 2-Fluorobiphenyl
 Concen: 29.47 ng
 RT: 9.27 min Scan# 624
 Delta R.T. -0.03 min
 Lab File: BF081918.D
 Acq: 30 Sep 2015 23:22

Tgt Ion: 172 Resp: 481310
 Ion Ratio Lower Upper
 172 100
 171 36.3 26.1 39.1
 170 24.0 17.4 26.2



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#48

Acenaphthylene

Concen: 15.24 ng

RT: 9.81 min Scan# 671

Delta R.T. -0.03 min

Lab File: BF081918.D

Acq: 30 Sep 2015 23:22

Instrument :

BNA_F

ClientSampleId :

MGP221BR-30-32DL

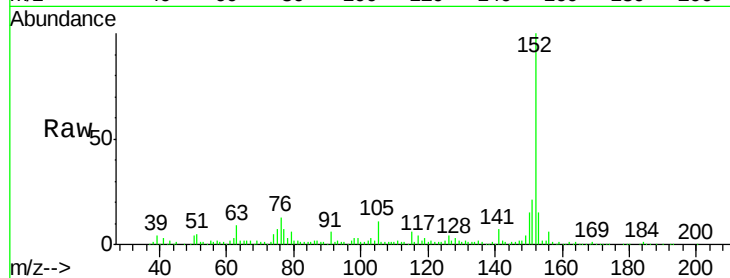
Tgt Ion:152 Resp: 352846

Ion Ratio Lower Upper

152 100

151 20.6 14.6 22.0

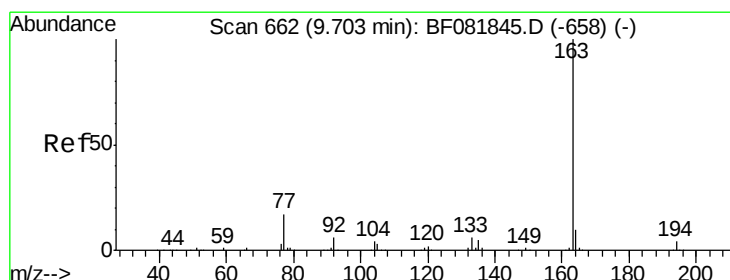
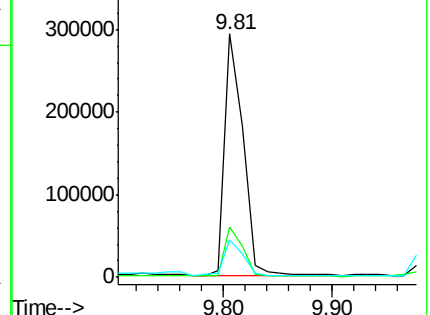
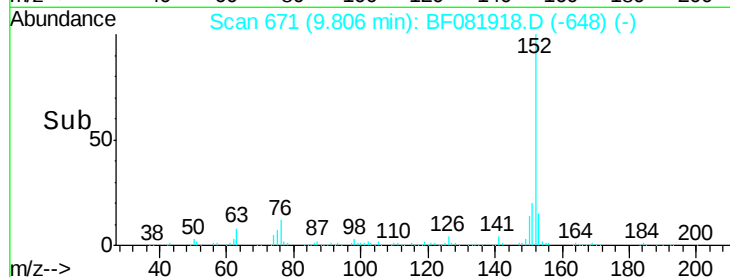
153 15.4 10.3 15.5



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



#49

Dimethylphthalate

Concen: 9.21 ng

RT: 9.67 min Scan# 659

Delta R.T. -0.03 min

Lab File: BF081918.D

Acq: 30 Sep 2015 23:22

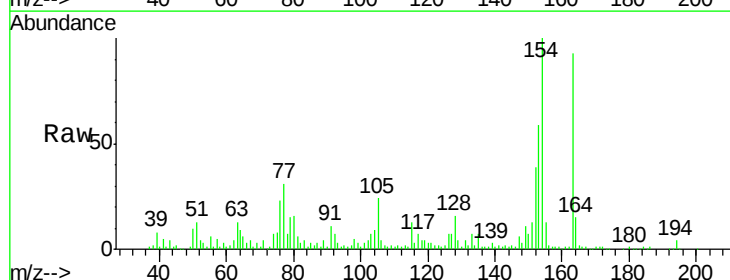
Tgt Ion:163 Resp: 151782

Ion Ratio Lower Upper

163 100

194 4.0 4.4 6.6#

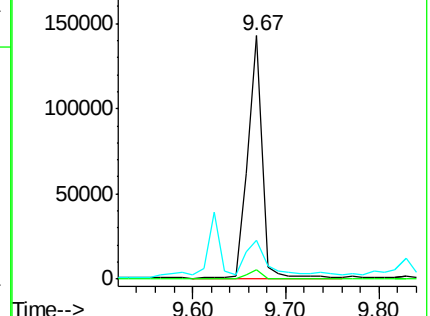
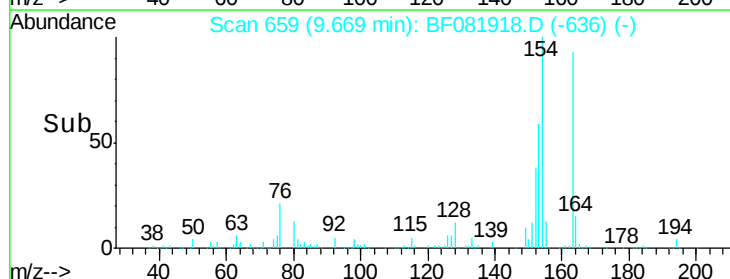
164 15.9 8.3 12.5#

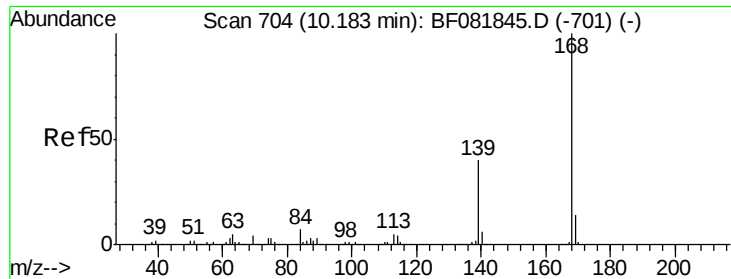


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#54

Dibenzofuran

Concen: 2.33 ng

RT: 10.14 min Scan# 700

Delta R.T. -0.05 min

Lab File: BF081918.D

Acq: 30 Sep 2015 23:22

Instrument :

BNA_F

ClientSampleId :

MGP221BR-30-32DL

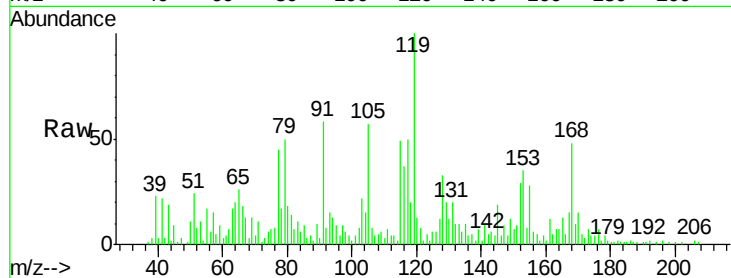
Tgt Ion:168 Resp: 45355

Ion Ratio Lower Upper

168 100

139 13.6 24.2 36.2#

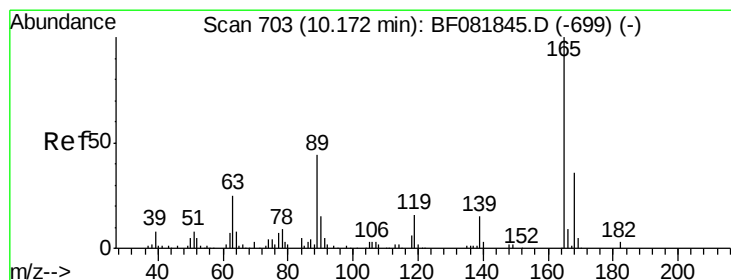
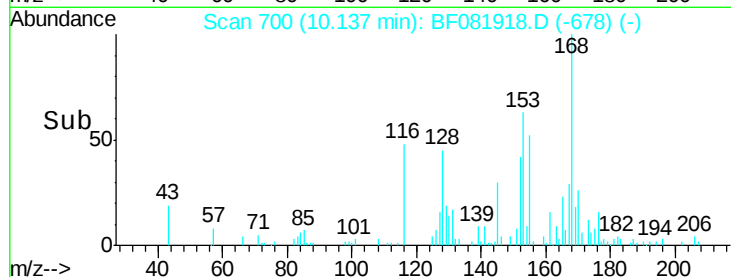
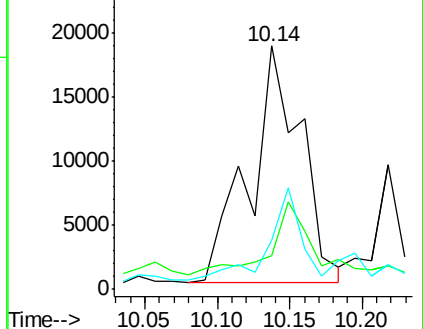
169 20.3 10.6 15.8#



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



#56

2,4-Dinitrotoluene

Concen: 2.90 ng

RT: 10.13 min Scan# 699

Delta R.T. -0.05 min

Lab File: BF081918.D

Acq: 30 Sep 2015 23:22

Tgt Ion:165 Resp: 13222

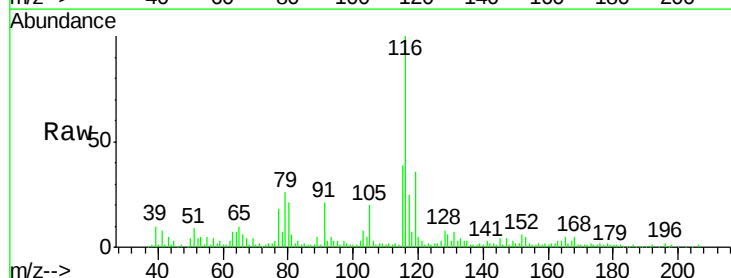
Ion Ratio Lower Upper

165 100

63 141.6 29.8 44.6#

89 106.5 44.5 66.7#

182 26.3 3.0 4.4#

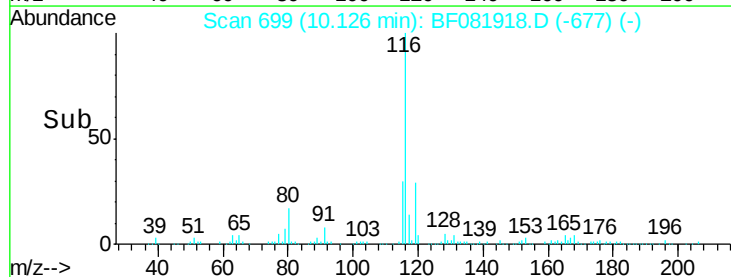
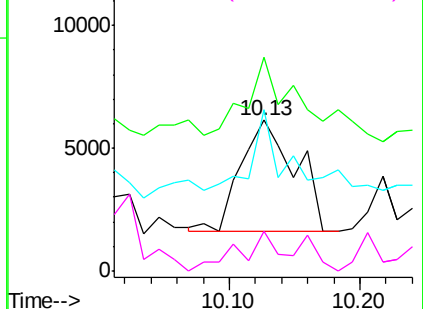


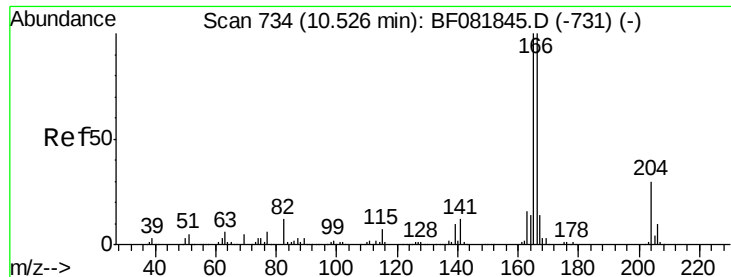
Abundance Ion 165.00 (164.70 to 165.70): E

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





#57

Fluorene

Concen: 3.78 ng

RT: 10.47 min Scan# 729

Delta R.T. -0.06 min

Lab File: BF081918.D

Acq: 30 Sep 2015 23:22

Instrument :

BNA_F

ClientSampleId :

MGP221BR-30-32DL

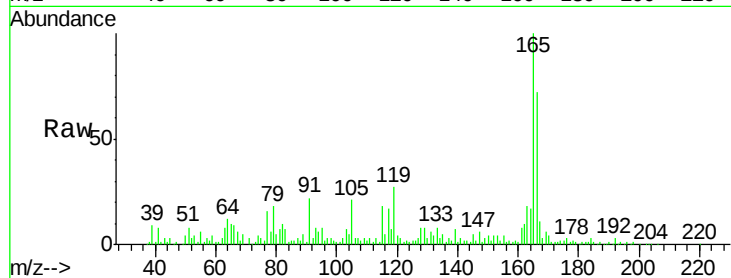
Tgt Ion:166 Resp: 79692

Ion Ratio Lower Upper

166 100

165 138.1 72.6 109.0#

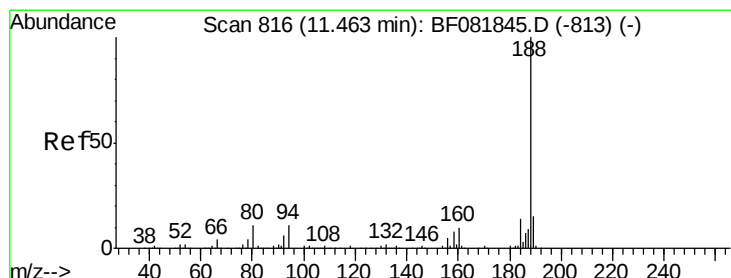
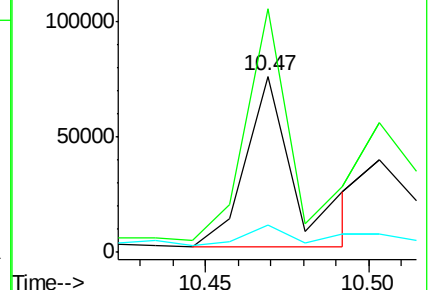
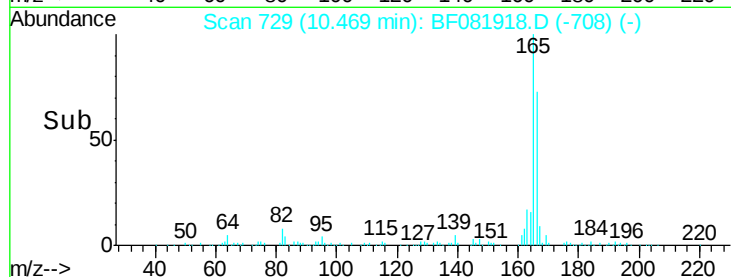
167 15.8 10.6 16.0



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: 11.44 min Scan# 814

Delta R.T. -0.02 min

Lab File: BF081918.D

Acq: 30 Sep 2015 23:22

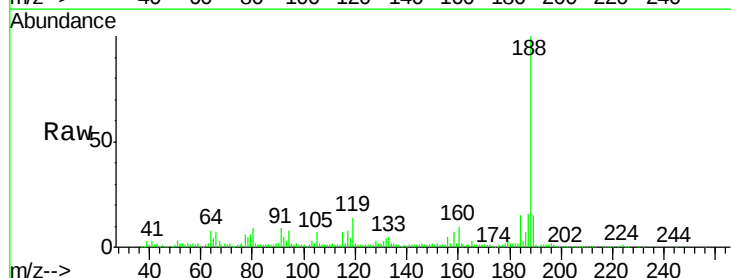
Tgt Ion:188 Resp: 325266

Ion Ratio Lower Upper

188 100

94 7.6 11.1 16.7#

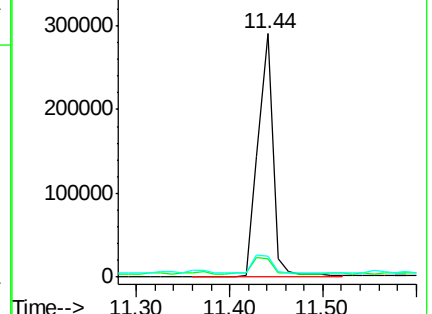
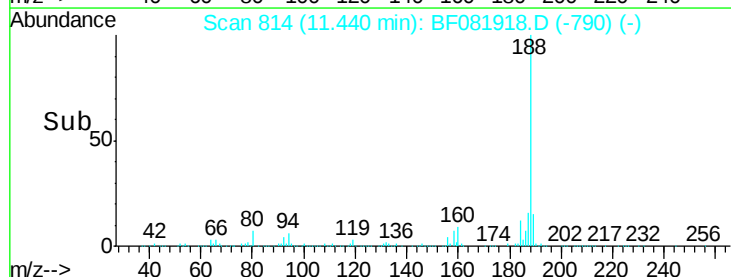
80 8.6 11.0 16.4#

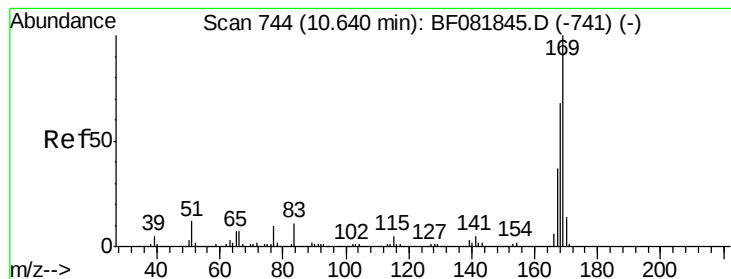


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#65

n-Nitrosodiphenylamine

Concen: 2.80 ng

RT: 10.61 min Scan# 741

Delta R.T. -0.03 min

Lab File: BF081918.D

Acq: 30 Sep 2015 23:22

Instrument :

BNA_F

ClientSampleId :

MGP221BR-30-32DL

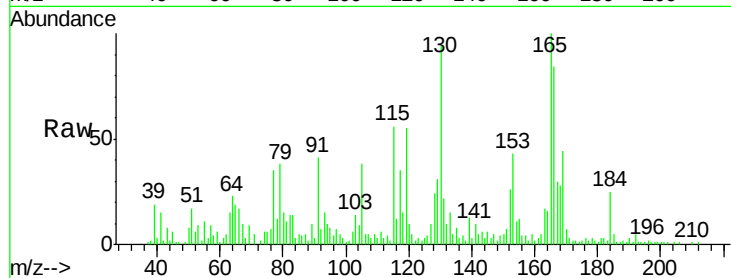
Tgt Ion:169 Resp: 27590

Ion Ratio Lower Upper

169 100

168 64.8 48.9 73.3

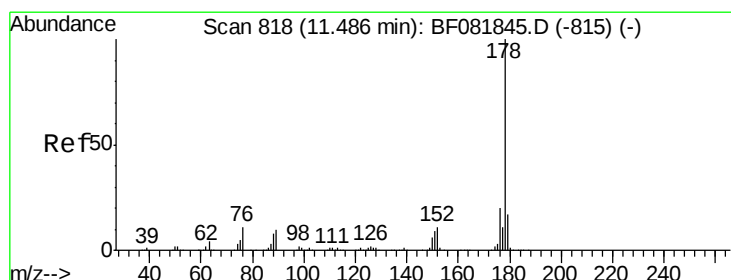
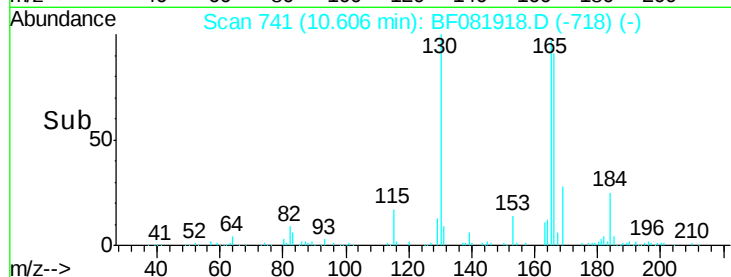
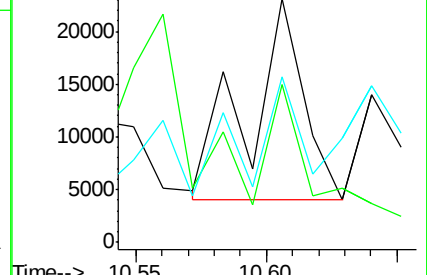
167 67.8 26.2 39.4#



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#70

Phenanthrene

Concen: 11.53 ng

RT: 11.46 min Scan# 816

Delta R.T. -0.02 min

Lab File: BF081918.D

Acq: 30 Sep 2015 23:22

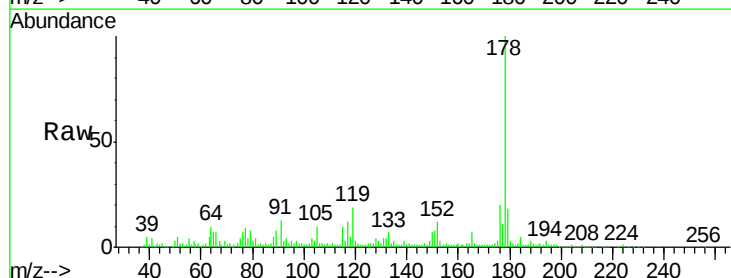
Tgt Ion:178 Resp: 199936

Ion Ratio Lower Upper

178 100

176 19.9 13.8 20.8

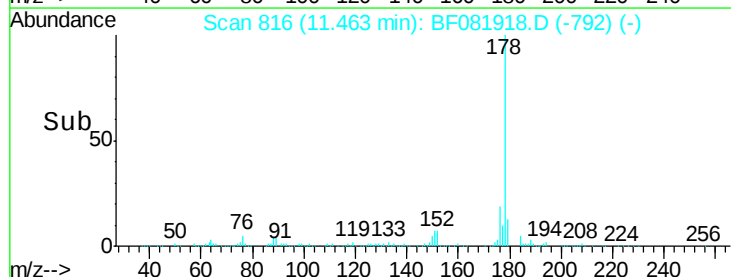
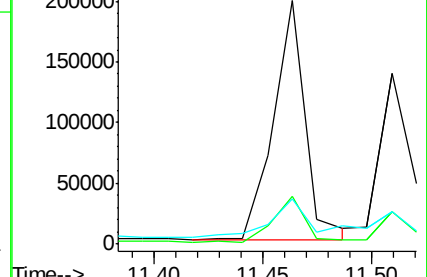
179 18.4 12.2 18.2#

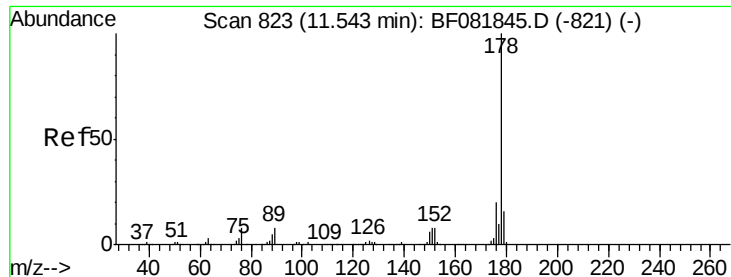


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

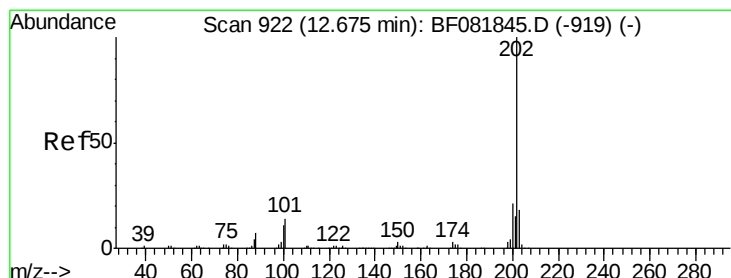
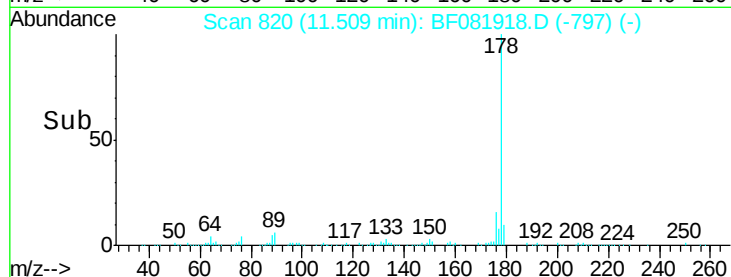
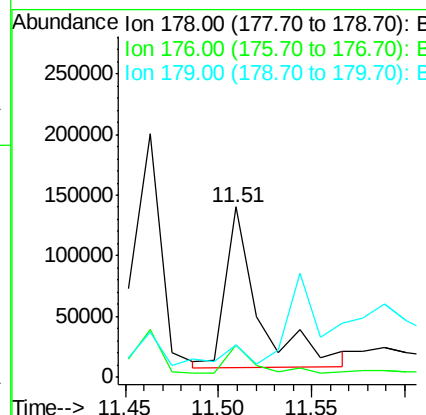
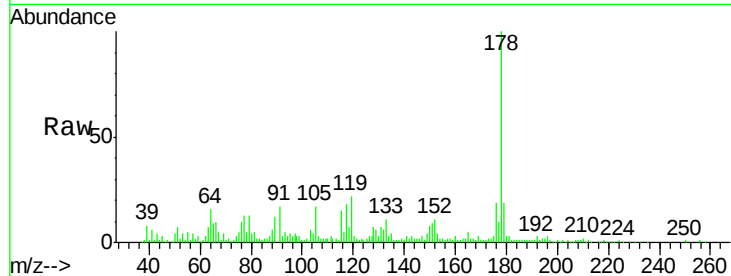




#71
 Anthracene
 Concen: 10.14 ng
 RT: 11.51 min Scan# 820
 Delta R.T. -0.03 min
 Lab File: BF081918.D
 Acq: 30 Sep 2015 23:22

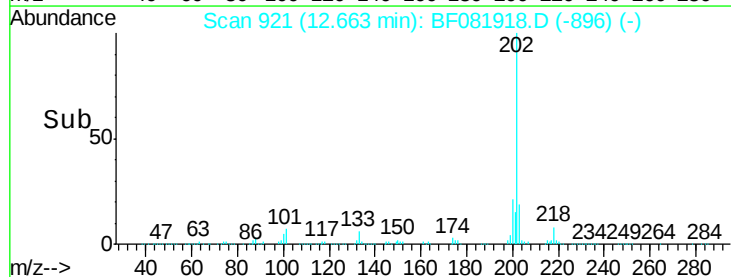
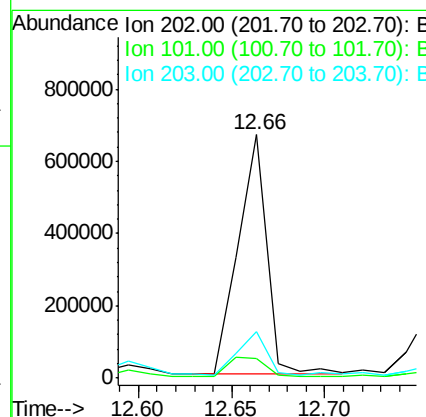
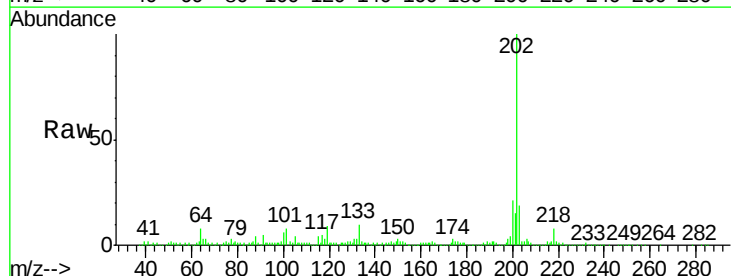
Instrument :
 BNA_F
 ClientSampleId :
 MGP221BR-30-32DL

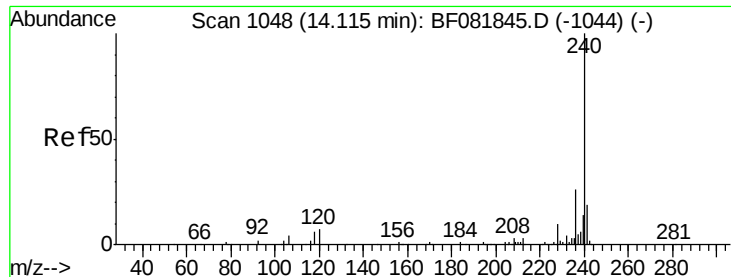
Tgt Ion:178 Resp: 167592
 Ion Ratio Lower Upper
 178 100
 176 18.9 14.1 21.1
 179 19.1 12.2 18.2#



#74
 Fluoranthene
 Concen: 41.25 ng
 RT: 12.66 min Scan# 921
 Delta R.T. -0.01 min
 Lab File: BF081918.D
 Acq: 30 Sep 2015 23:22

Tgt Ion:202 Resp: 718796
 Ion Ratio Lower Upper
 202 100
 101 7.9 0.0 38.3
 203 19.0 0.0 37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.08 min Scan# 1045

Delta R.T. -0.03 min

Lab File: BF081918.D

Acq: 30 Sep 2015 23:22

Instrument :

BNA_F

ClientSampleId :

MGP221BR-30-32DL

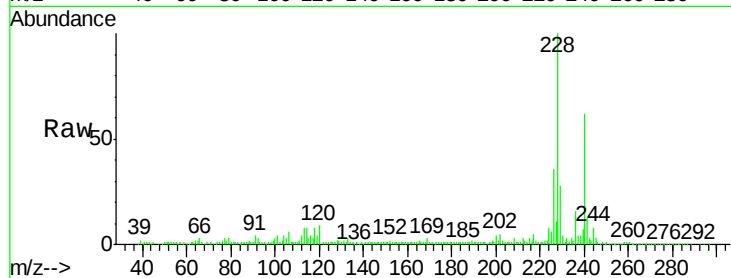
Tgt Ion:240 Resp: 326489

Ion Ratio Lower Upper

240 100

120 14.4 16.2 24.2#

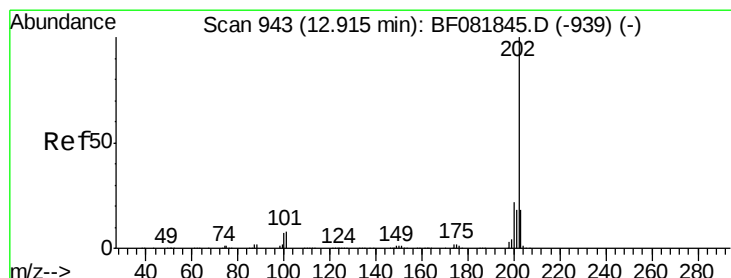
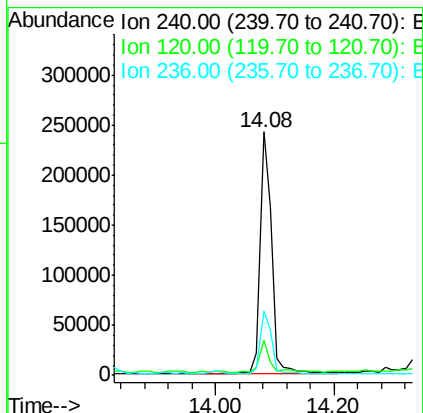
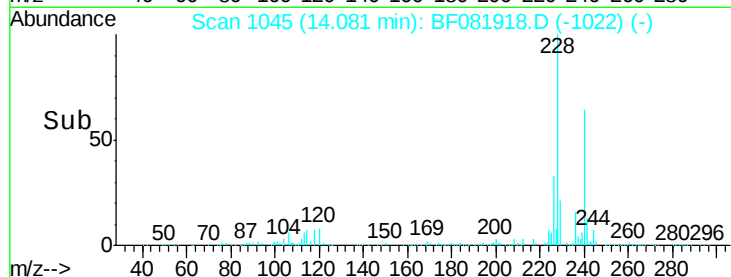
236 26.2 18.4 27.6



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: 60.02 ng

RT: 12.89 min Scan# 941

Delta R.T. -0.02 min

Lab File: BF081918.D

Acq: 30 Sep 2015 23:22

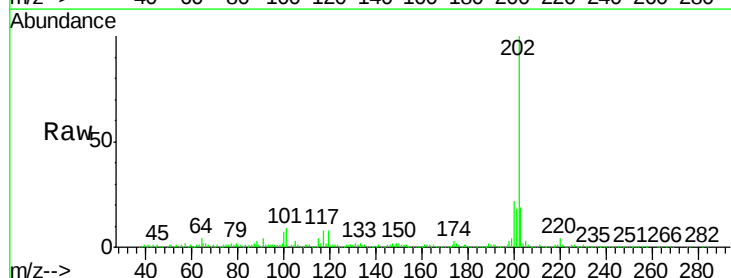
Tgt Ion:202 Resp: 1170616

Ion Ratio Lower Upper

202 100

200 22.0 15.0 22.4

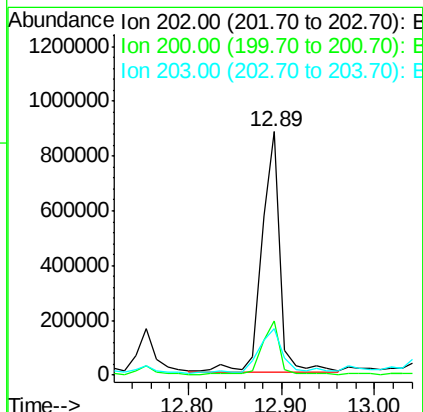
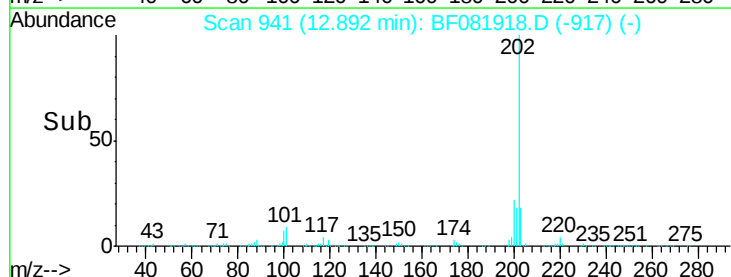
203 19.2 14.1 21.1

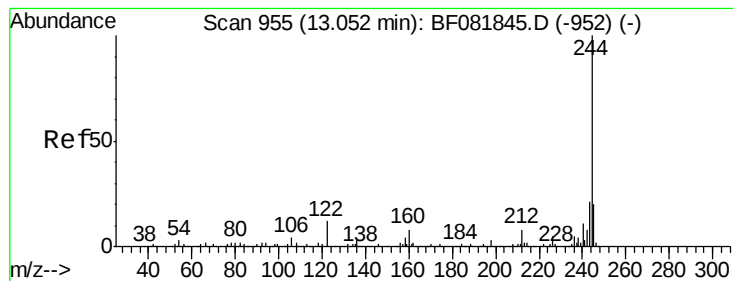


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 25.02 ng

RT: 13.03 min Scan# 953

Delta R.T. -0.02 min

Lab File: BF081918.D

Acq: 30 Sep 2015 23:22

Instrument :

BNA_F

ClientSampleId :

MGP221BR-30-32DL

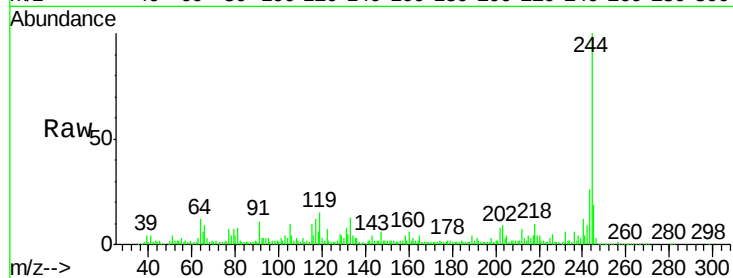
Tgt Ion:244 Resp: 314375

Ion Ratio Lower Upper

244 100

212 6.8 4.3 6.5#

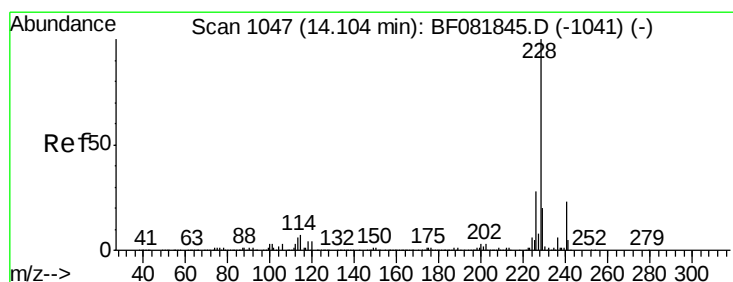
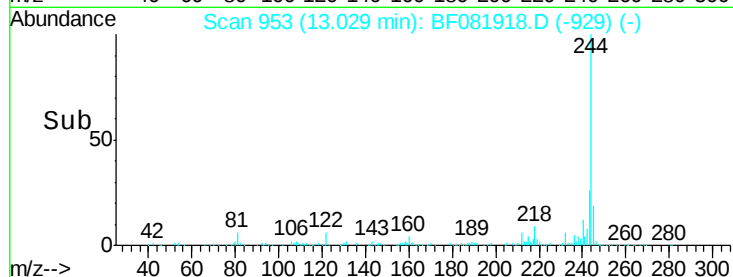
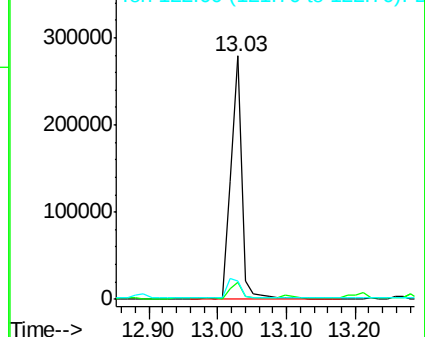
122 7.4 17.4 26.2#



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: 43.20 ng

RT: 14.07 min Scan# 1044

Delta R.T. -0.03 min

Lab File: BF081918.D

Acq: 30 Sep 2015 23:22

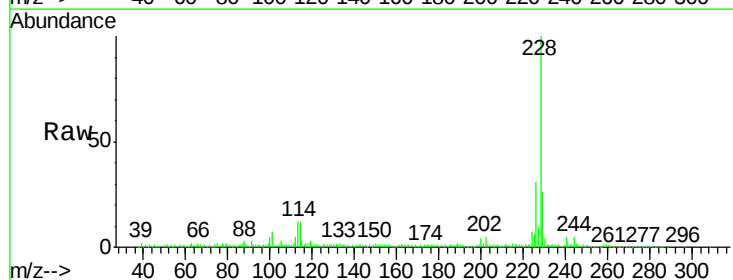
Tgt Ion:228 Resp: 759513

Ion Ratio Lower Upper

228 100

226 31.3 20.0 30.0#

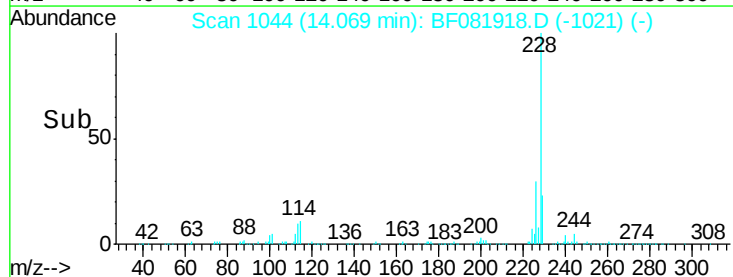
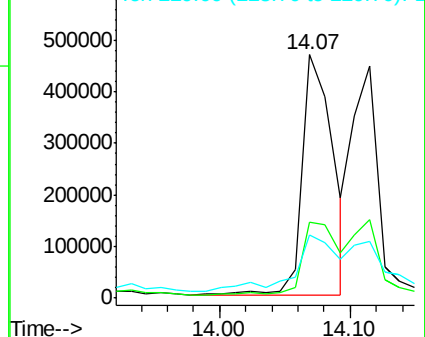
229 25.7 15.4 23.2#

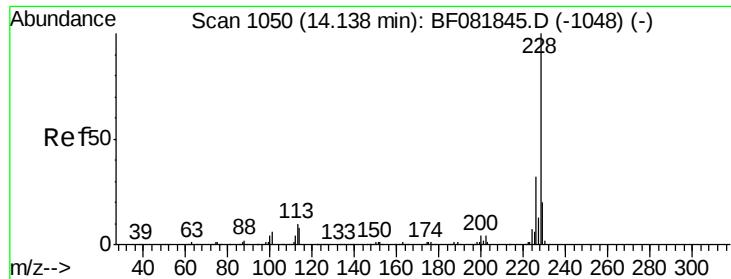


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 59.20 ng

RT: 14.07 min Scan# 1044

Delta R.T. -0.07 min

Lab File: BF081918.D

Acq: 30 Sep 2015 23:22

Instrument :

BNA_F

ClientSampleId :

MGP221BR-30-32DL

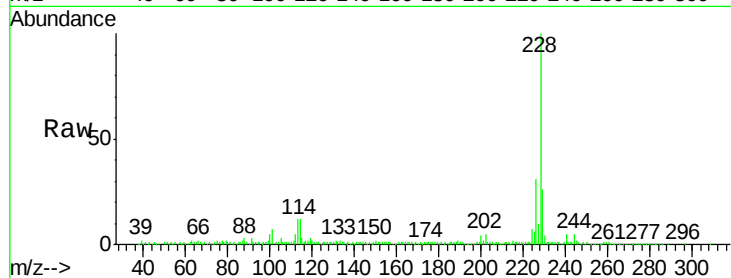
Tgt Ion:228 Resp: 759513

Ion Ratio Lower Upper

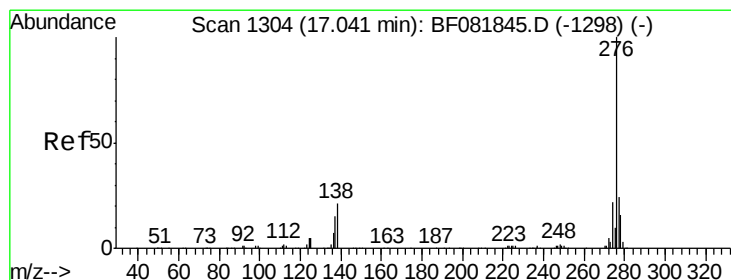
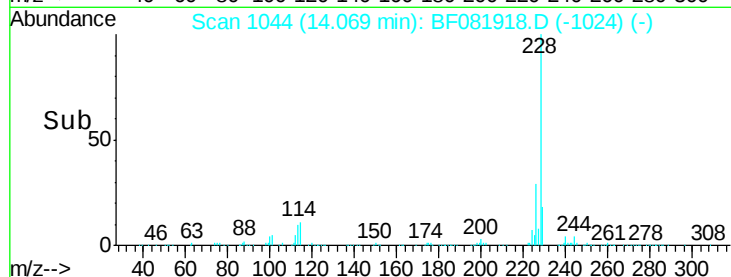
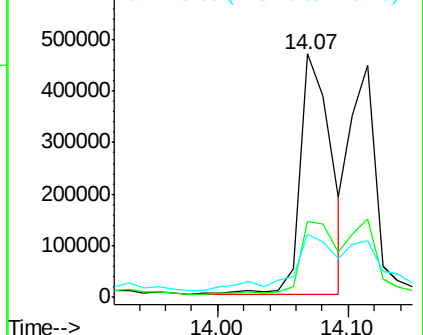
228 100

226 31.3 21.0 31.4

229 25.7 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: 17.73 ng

RT: 16.98 min Scan# 1299

Delta R.T. -0.06 min

Lab File: BF081918.D

Acq: 30 Sep 2015 23:22

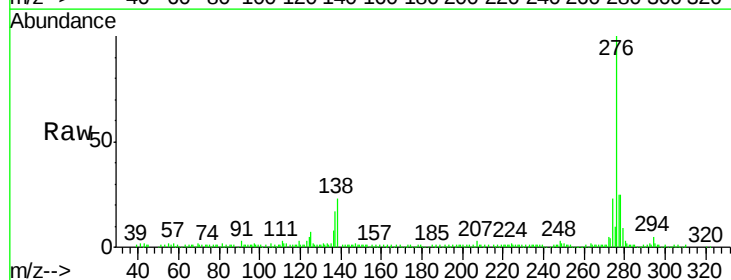
Tgt Ion:276 Resp: 243783

Ion Ratio Lower Upper

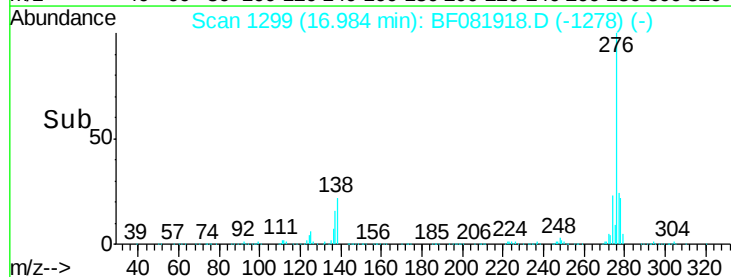
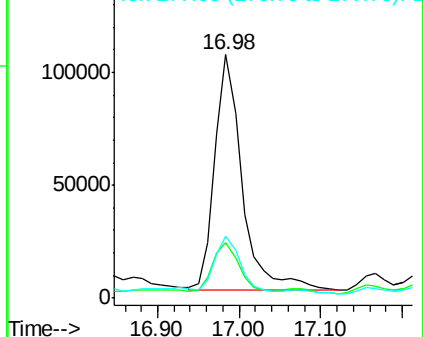
276 100

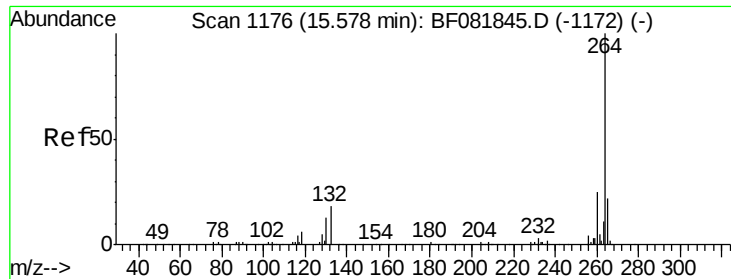
138 20.9 25.7 38.5#

277 21.3 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

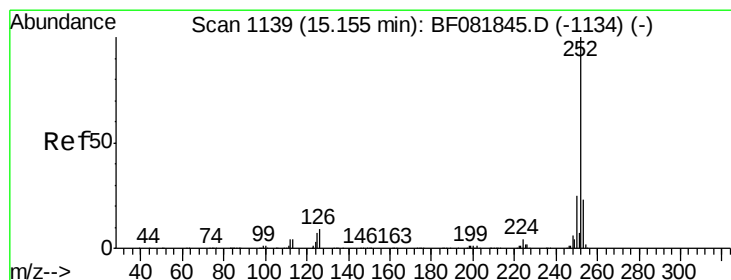
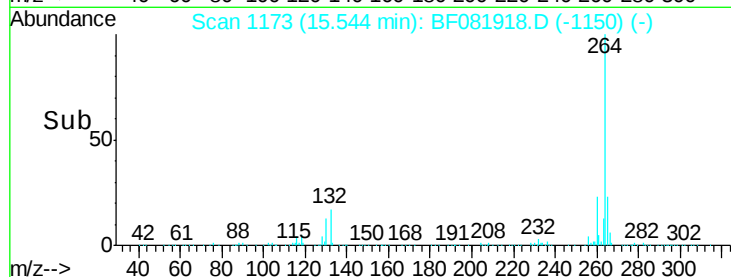
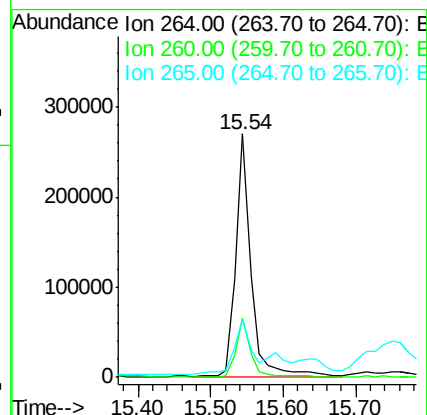
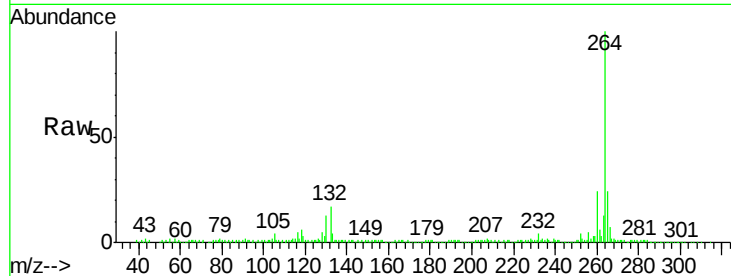




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.54 min Scan# 1173
Delta R.T. -0.03 min
Lab File: BF081918.D
Acq: 30 Sep 2015 23:22

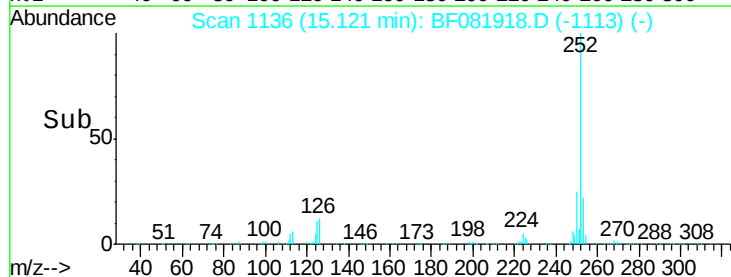
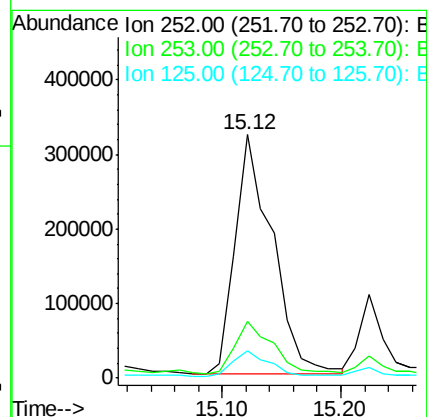
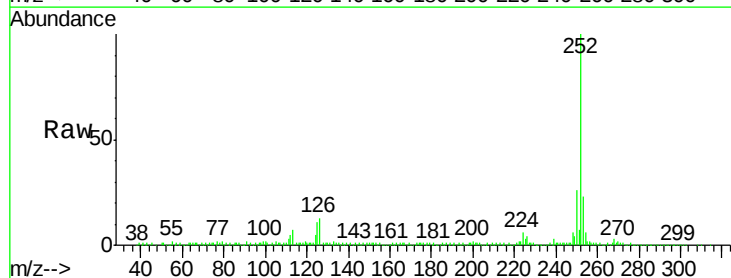
Instrument :
BNA_F
ClientSampleId :
MGP221BR-30-32DL

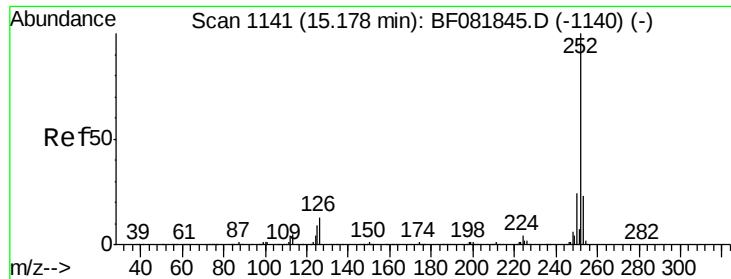
Tgt Ion:	264	Resp:	393189
Ion	Ratio	Lower	Upper
264	100		
260	24.2	16.7	25.1
265	23.9	17.2	25.8



#87
Benzo(b)fluoranthene
Concen: 31.01 ng
RT: 15.12 min Scan# 1136
Delta R.T. -0.03 min
Lab File: BF081918.D
Acq: 30 Sep 2015 23:22

Tgt Ion:	252	Resp:	696097
Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.5	26.3
125	11.3	17.1	25.7#





#88

Benzo(k)fluoranthene

Concen: 33.83 ng

RT: 15.12 min Scan# 1136

Delta R.T. -0.06 min

Lab File: BF081918.D

Acq: 30 Sep 2015 23:22

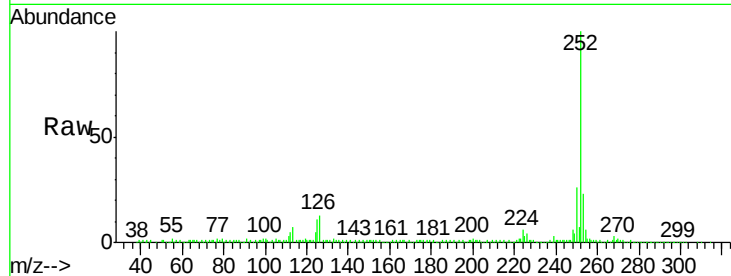
Instrument :

BNA_F

ClientSampleId :

MGP221BR-30-32DL

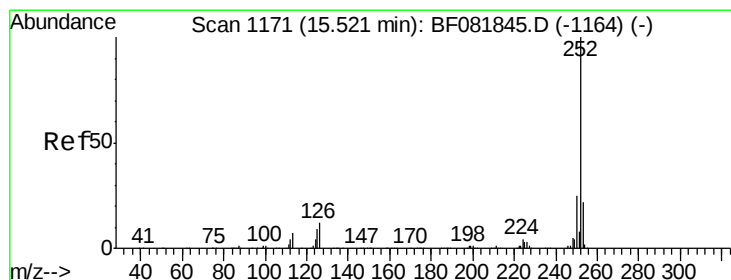
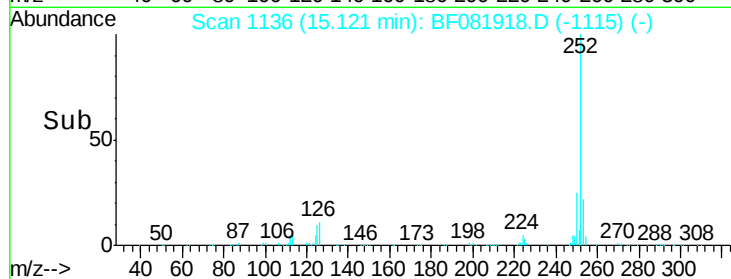
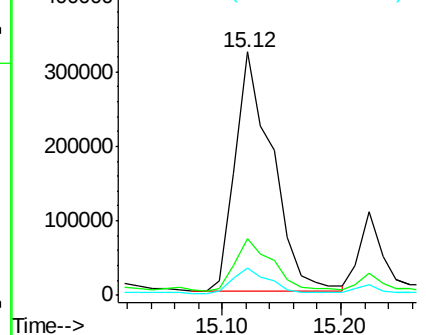
Tgt Ion:	252	Resp:	696097
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.0	25.4
125	11.3	16.0	24.0#



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: 31.27 ng

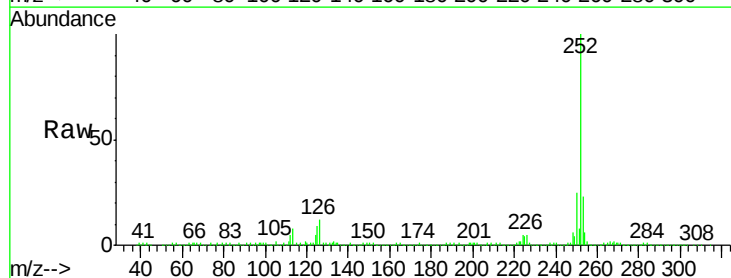
RT: 15.49 min Scan# 1168

Delta R.T. -0.03 min

Lab File: BF081918.D

Acq: 30 Sep 2015 23:22

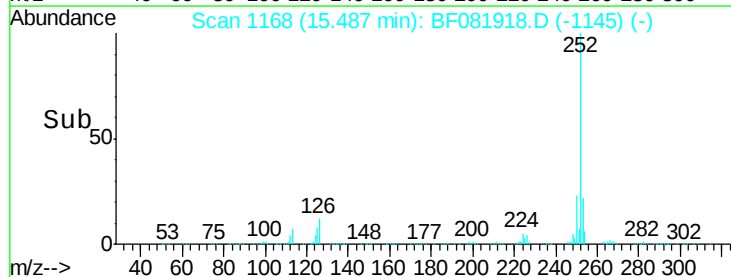
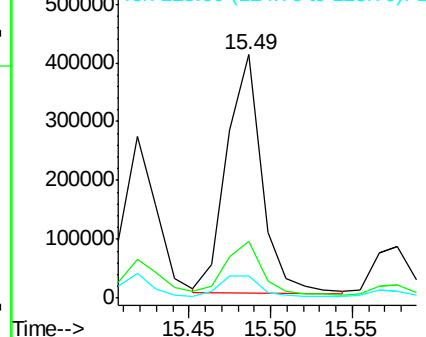
Tgt Ion:	252	Resp:	608844
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.2	25.8
125	9.2	18.0	27.0#

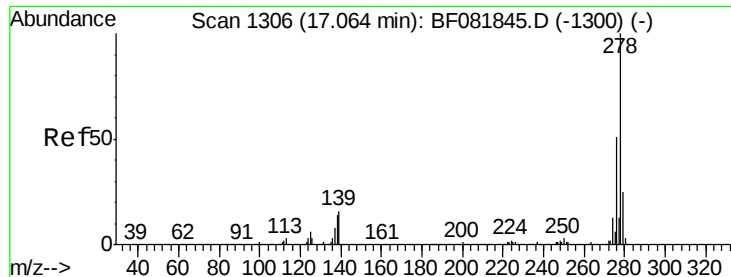


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 4.04 ng

RT: 17.00 min Scan# 1300

Delta R.T. -0.07 min

Lab File: BF081918.D

Acq: 30 Sep 2015 23:22

Instrument :

BNA_F

ClientSampleId :

MGP221BR-30-32DL

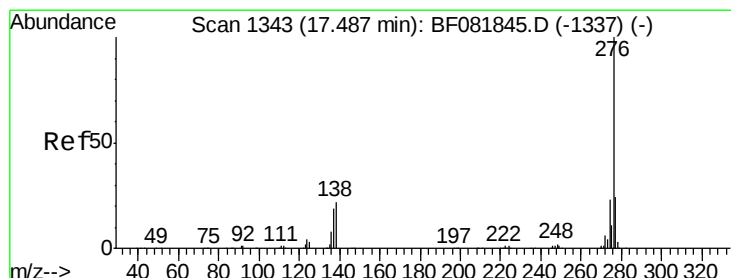
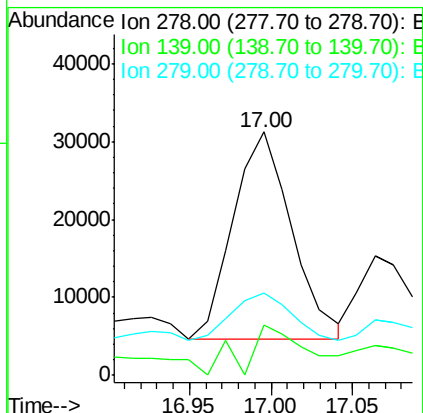
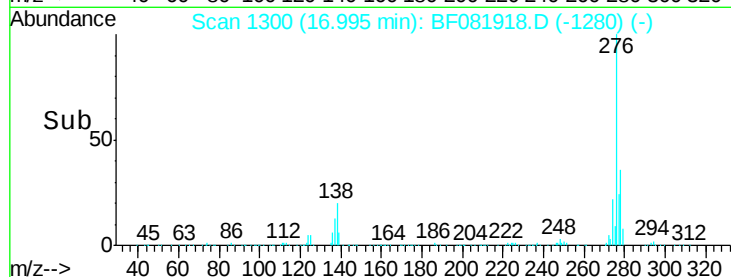
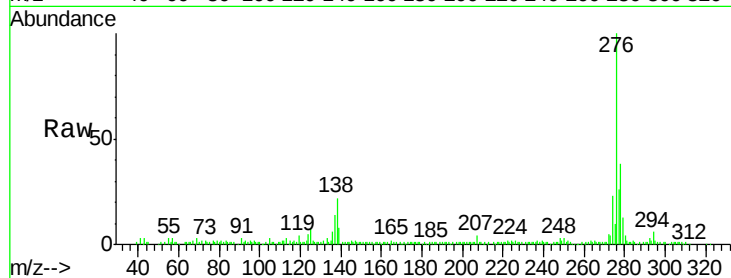
Tgt Ion:278 Resp: 65931

Ion Ratio Lower Upper

278 100

139 20.8 26.3 39.5#

279 33.8 18.2 27.4#



#91

Benzo(g,h,i)perylene

Concen: 16.03 ng

RT: 17.42 min Scan# 1337

Delta R.T. -0.07 min

Lab File: BF081918.D

Acq: 30 Sep 2015 23:22

Tgt Ion:276 Resp: 268391

Ion Ratio Lower Upper

276 100

277 23.5 17.8 26.6

138 23.7 34.6 51.8#

