

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092615\
 Data File : BF081832.D
 Acq On : 26 Sep 2015 17:25
 Operator : UM/IZ
 Sample : G3785-02
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MGP221BR-30-32

Quant Time: Sep 28 03:15:32 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 06:02:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	109924	20.00	ng	-0.01
21) Naphthalene-d8	8.23	136	445043	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	273638	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	307300	20.00	ng	0.00
75) Chrysene-d12	14.13	240	270650	20.00	ng	0.01
86) Perylene-d12	15.60	264	295325	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.53	112	654999	100.80	ng	-0.01
7) Phenol-d6	6.56	99	810014	98.56	ng	-0.01
23) Nitrobenzene-d5	7.51	82	550383	81.60	ng	-0.01
41) 2,4,6-Tribromophenol	10.78	330	189588	79.80	ng	-0.01
44) 2-Fluorobiphenyl	9.30	172	713506	42.80	ng	-0.01
78) Terphenyl-d14	13.06	244	539036	45.50	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Pyridine	3.37	79	395745	43.62	ng	# 19
9) Benzaldehyde	6.47	77	147183	30.29	ng	# 1
15) Benzyl Alcohol	7.10	79	29768	4.59	ng	# 39
18) Hexachloroethane	7.47	117	516938	185.18	ng	# 27
22) Acetophenone	7.35	105	27950	2.86	ng	# 85
24) Nitrobenzene	7.57	77	112879	15.00	ng	# 1
26) 2-Nitrophenol	7.82	139	15519	5.68	ng	# 1
31) Naphthalene	8.25	128	338957	16.51	ng	# 81
32) Benzoic acid	8.00	122	6290	4.77	ng	# 1
33) 4-Chloroaniline	8.25	127	64469	7.15	ng	# 1
35) Caprolactam	8.62	113	6095	3.62	ng	# 34
37) 2-Methylnaphthalene	8.95	142	127981	8.75	ng	# 69
48) Acenaphthylene	9.85	152	685166	23.52	ng	96
49) Dimethylphthalate	9.70	163	282097	13.55	ng	# 85
51) Acenaphthene	10.02	154	46973	2.80	ng	# 79
53) 2,4-Dinitrophenol	10.05	184	3119	18.70	ng	# 1
54) Dibenzofuran	10.17	168	91839	3.73	ng	# 71
56) 2,4-Dinitrotoluene	10.15	165	30304	6.30	ng	# 64
57) Fluorene	10.50	166	137190	7.26	ng	# 58
64) 4,6-Dinitro-2-methylphenol	10.63	198	894	9.44	ng	# 1
65) n-Nitrosodiphenylamine	10.64	169	51729	4.99	ng	# 70
66) 4-Bromophenyl-phenylether	10.78	248	12824	3.75	ng	# 1
69) Pentachlorophenol	11.28	266	289	5.78	ng	# 19
70) Phenanthrene	11.56	178	318338	18.12	ng	95
71) Anthracene	11.56	178	318778	18.83	ng	96
74) Fluoranthene	12.71	202	1247331	70.46	ng	89
77) Pyrene	12.80	202	320898	15.73	ng	95
80) Benzo(a)anthracene	14.12	228	1286021	78.36	ng	# 86
82) Chrysene	14.16	228	1035796	65.81	ng	# 87
85) Indeno(1,2,3-cd)pyrene	17.06	276	337258	23.41	ng	# 82
87) Benzo(b)fluoranthene	15.18	252	1080779	61.71	ng	# 87
88) Benzo(k)fluoranthene	15.18	252	1082940	64.20	ng	# 88
89) Benzo(a)pyrene	15.54	252	869851	55.01	ng	# 85
90) Dibenzo(a,h)anthracene	17.08	278	103108	6.26	ng	# 78

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QLast Update : Fri Sep 25 06:02:49 2015
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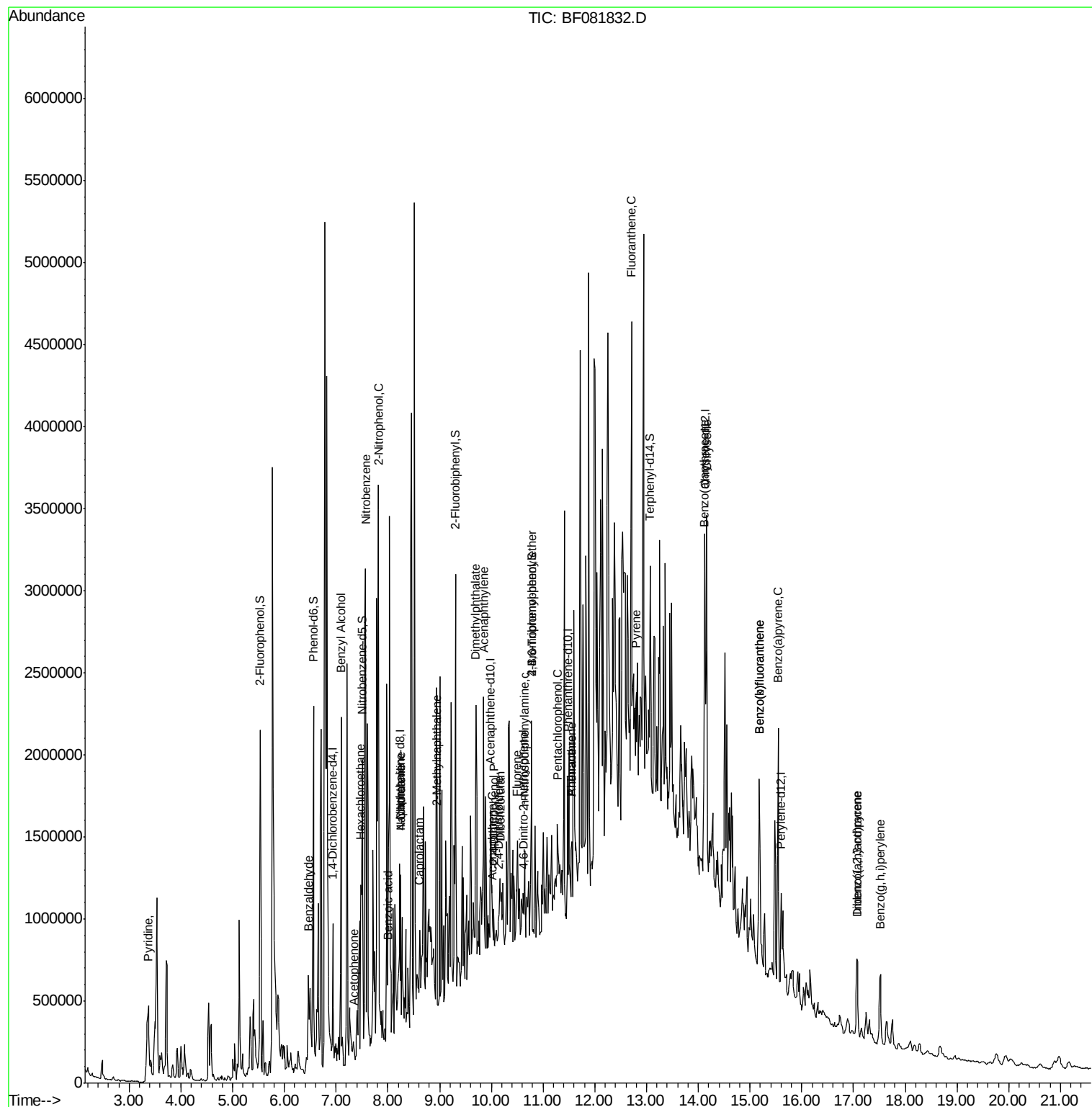
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) Benzo(g,h,i)perylene	17.52	276	395353	23.27	ng	# 74

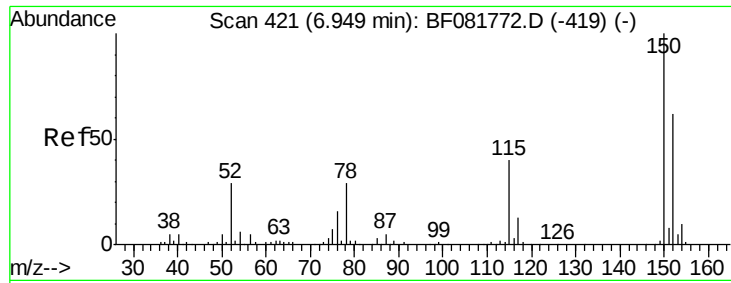
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF081832.D

Acq: 26 Sep 2015 17:25

Instrument :

BNA_F

ClientSampleId :

MGP221BR-30-32

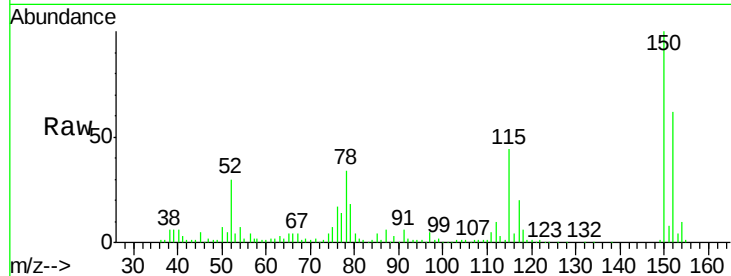
Tgt Ion:152 Resp: 109924

Ion Ratio Lower Upper

152 100

150 161.3 124.7 187.1

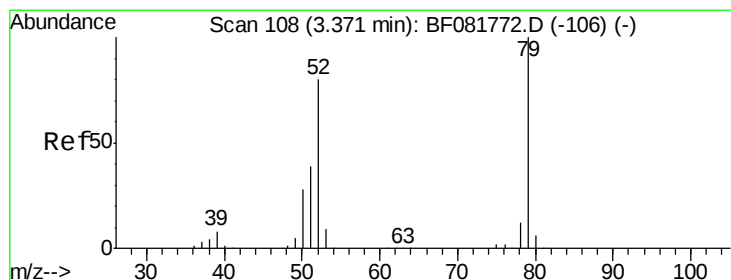
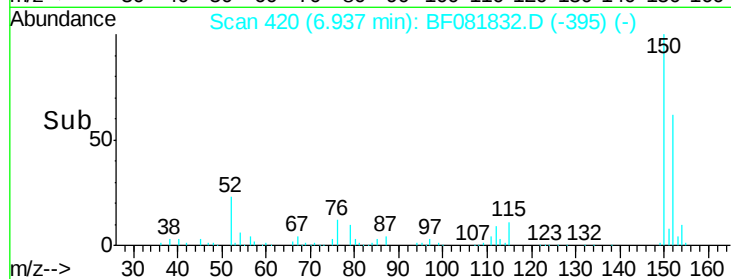
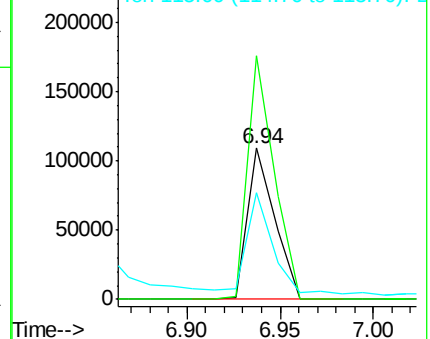
115 70.8 39.0 58.4#



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



#3

Pyridine

Concen: 43.62 ng

RT: 3.37 min Scan# 108

Delta R.T. 0.00 min

Lab File: BF081832.D

Acq: 26 Sep 2015 17:25

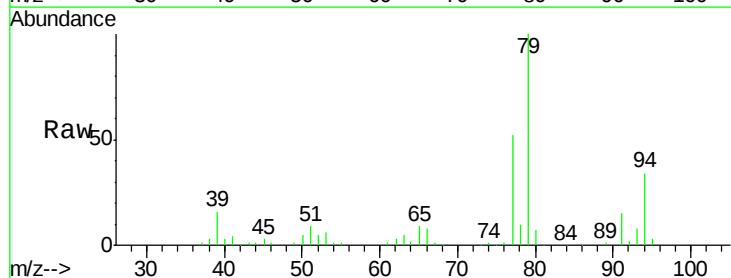
Tgt Ion: 79 Resp: 395745

Ion Ratio Lower Upper

79 100

52 4.8 76.8 115.2#

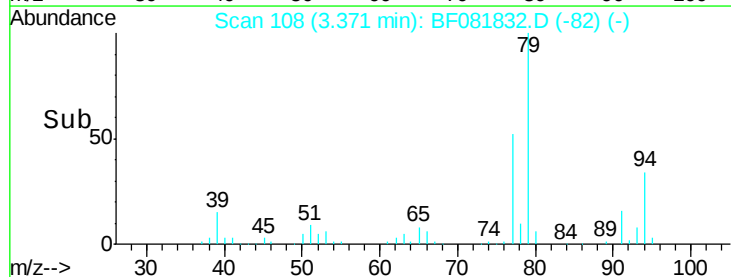
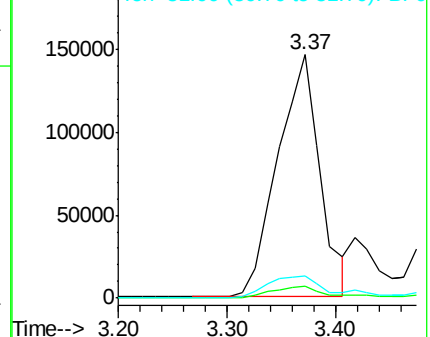
51 9.4 32.2 48.4#

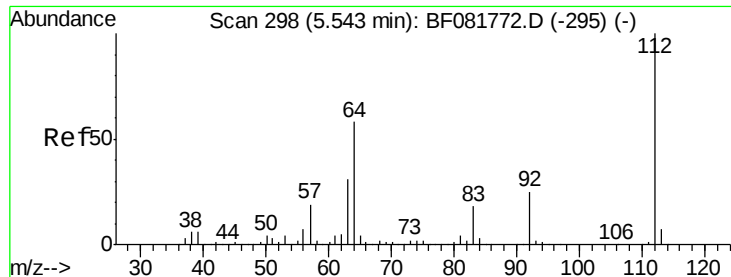


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

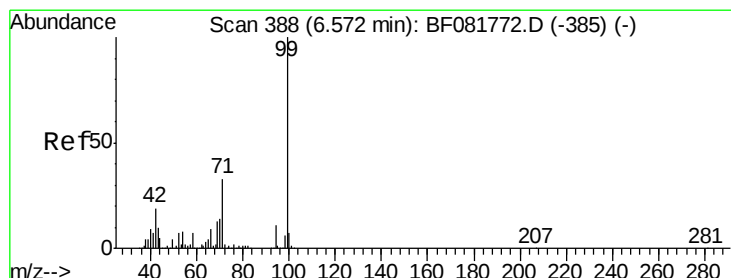
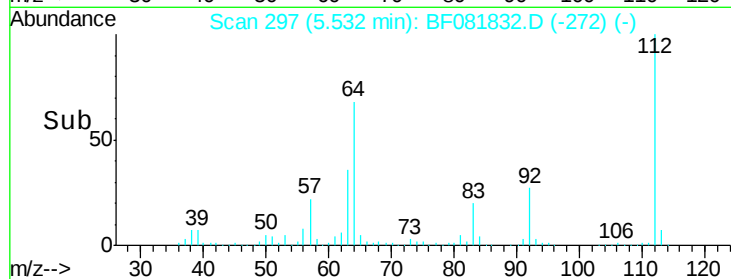
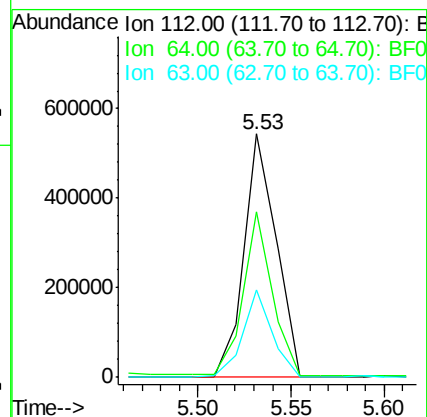
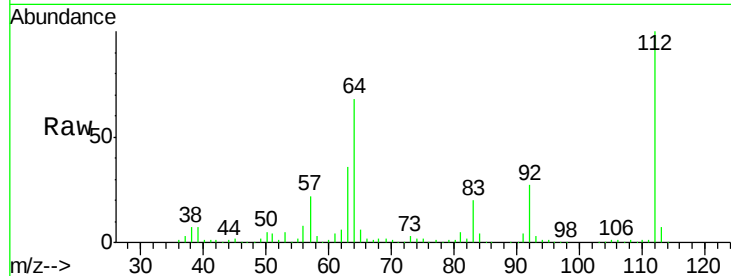




#5
 2-Fluorophenol
 Concen: 100.80 ng
 RT: 5.53 min Scan# 297
 Delta R.T. -0.01 min
 Lab File: BF081832.D
 Acq: 26 Sep 2015 17:25

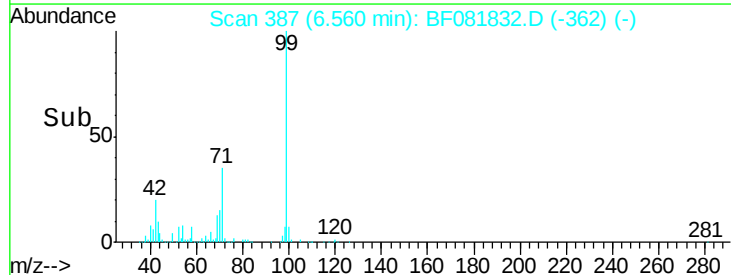
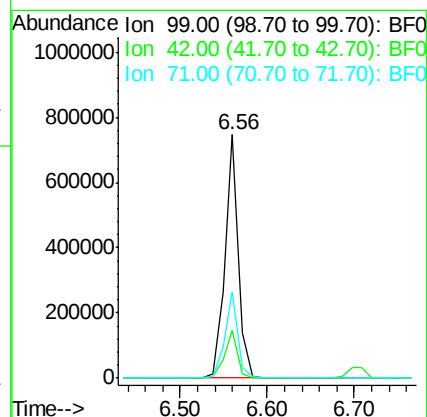
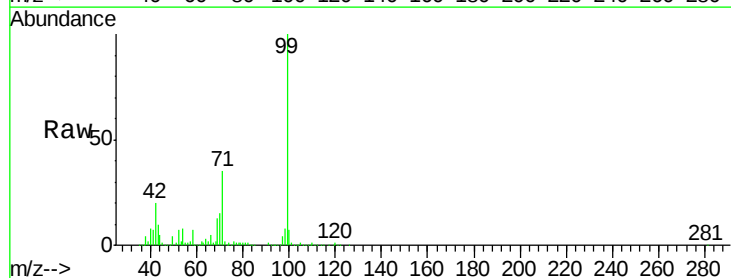
Instrument :
 BNA_F
 ClientSampleId :
 MGP221BR-30-32

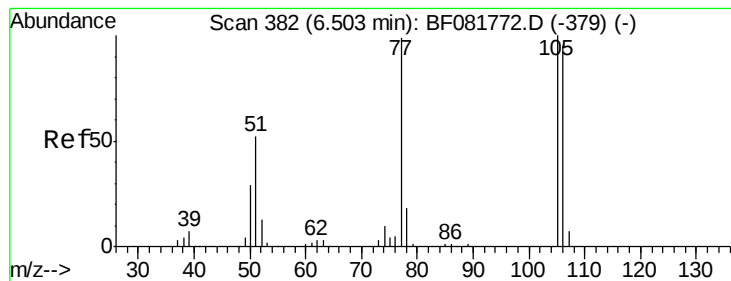
Tgt Ion: 112 Resp: 654999
 Ion Ratio Lower Upper
 112 100
 64 68.1 39.7 59.5#
 63 36.0 17.4 26.0#



#7
 Phenol-d6
 Concen: 98.56 ng
 RT: 6.56 min Scan# 387
 Delta R.T. -0.01 min
 Lab File: BF081832.D
 Acq: 26 Sep 2015 17:25

Tgt Ion: 99 Resp: 810014
 Ion Ratio Lower Upper
 99 100
 42 19.7 13.7 20.5
 71 35.4 14.2 21.2#





#9

Benzaldehyde

Concen: 30.29 ng

RT: 6.47 min Scan# 379

Delta R.T. -0.03 min

Lab File: BF081832.D

Acq: 26 Sep 2015 17:25

Instrument :

BNA_F

ClientSampleId :

MGP221BR-30-32

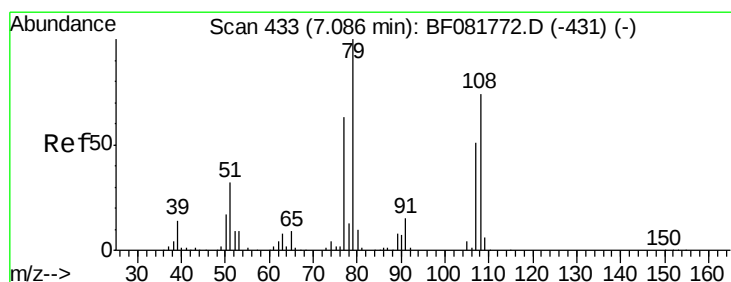
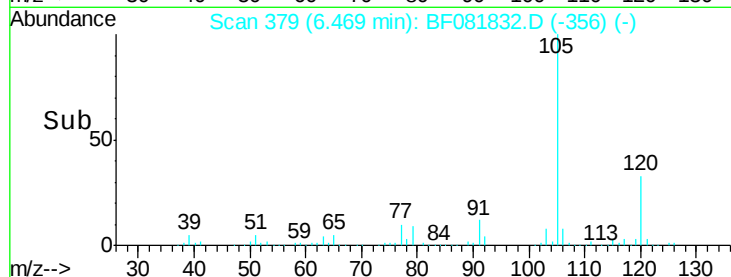
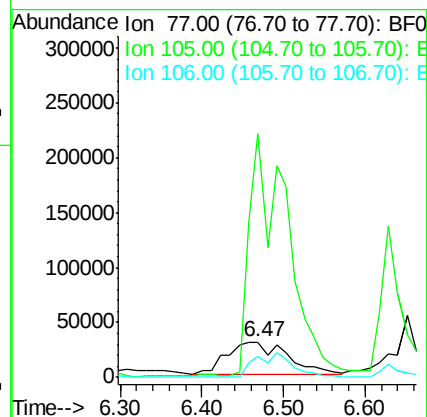
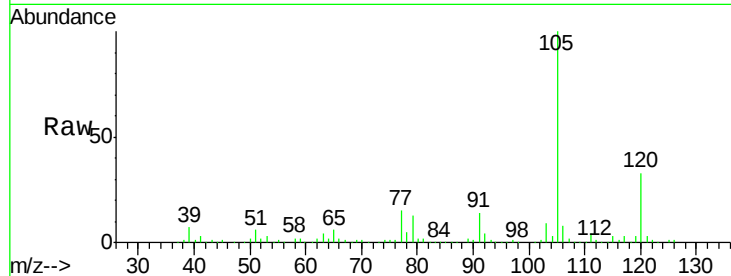
Tgt Ion: 77 Resp: 147183

Ion Ratio Lower Upper

77 100

105 684.4 91.6 131.6#

106 58.1 102.6 142.6#



#15

Benzyl Alcohol

Concen: 4.59 ng

RT: 7.10 min Scan# 434

Delta R.T. 0.01 min

Lab File: BF081832.D

Acq: 26 Sep 2015 17:25

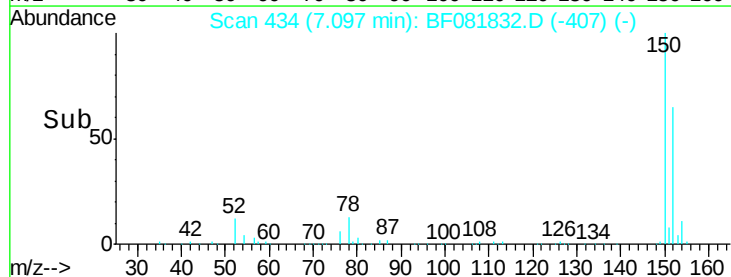
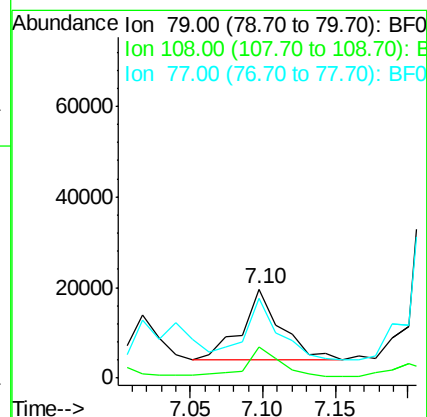
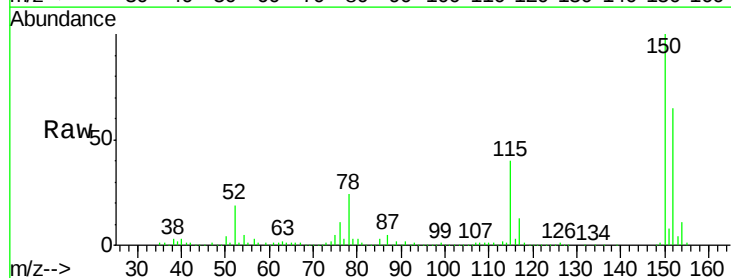
Tgt Ion: 79 Resp: 29768

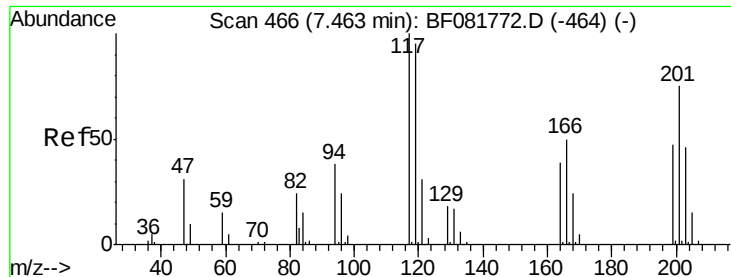
Ion Ratio Lower Upper

79 100

108 35.2 88.6 132.8#

77 89.7 47.0 70.4#

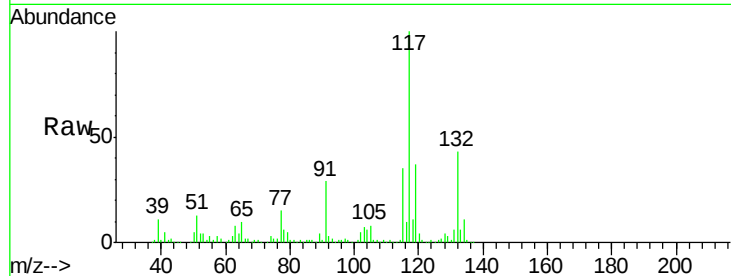




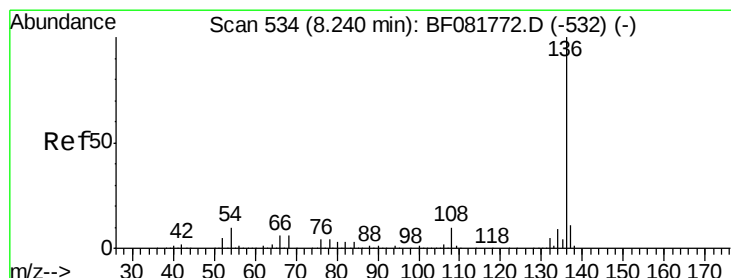
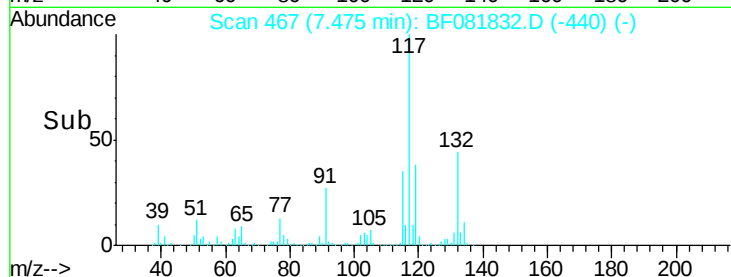
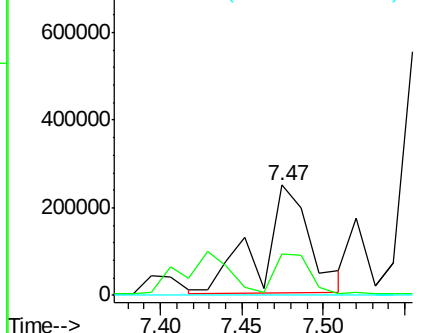
#18
Hexachloroethane
Concen: 185.18 ng
RT: 7.47 min Scan# 467
Delta R.T. 0.01 min
Lab File: BF081832.D
Acq: 26 Sep 2015 17:25

Instrument :
BNA_F
ClientSampleId :
MGP221BR-30-32

Tgt Ion:117 Resp: 516938
Ion Ratio Lower Upper
117 100
119 37.4 83.8 125.6#
201 0.0 55.1 82.7#

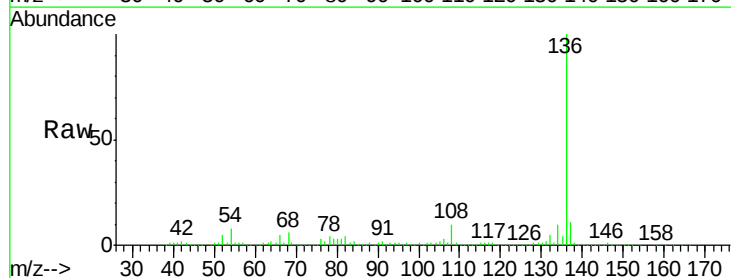


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

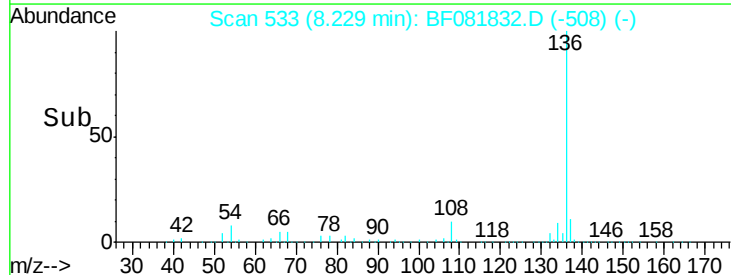
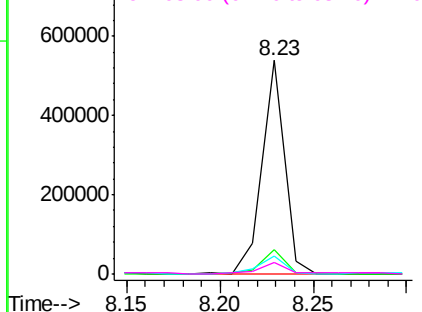


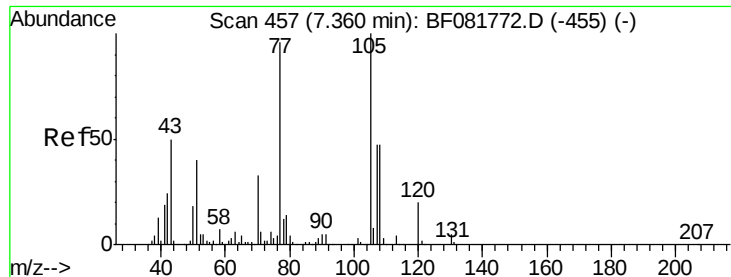
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.23 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF081832.D
Acq: 26 Sep 2015 17:25

Tgt Ion:136 Resp: 445043
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.6
54 8.4 8.2 12.2
68 5.5 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





#22

Acetophenone

Concen: 2.86 ng

RT: 7.35 min Scan# 456

Delta R.T. -0.01 min

Lab File: BF081832.D

Acq: 26 Sep 2015 17:25

Instrument :

BNA_F

ClientSampleId :

MGP221BR-30-32

Tgt Ion:105 Resp: 27950

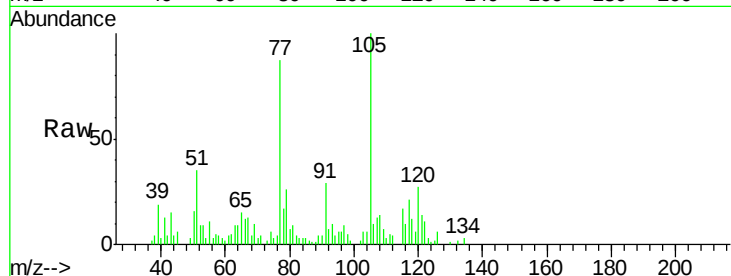
Ion Ratio Lower Upper

105 100

71 3.9 4.7 7.1#

51 35.2 22.0 33.0#

120 27.1 30.1 45.1#

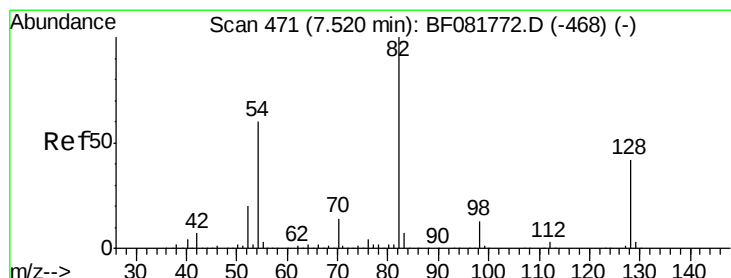
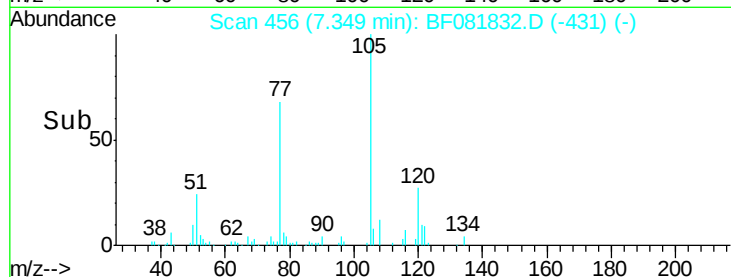
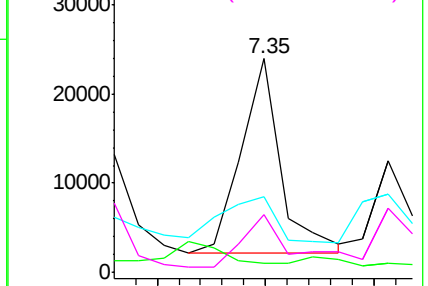


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 81.60 ng

RT: 7.51 min Scan# 470

Delta R.T. -0.01 min

Lab File: BF081832.D

Acq: 26 Sep 2015 17:25

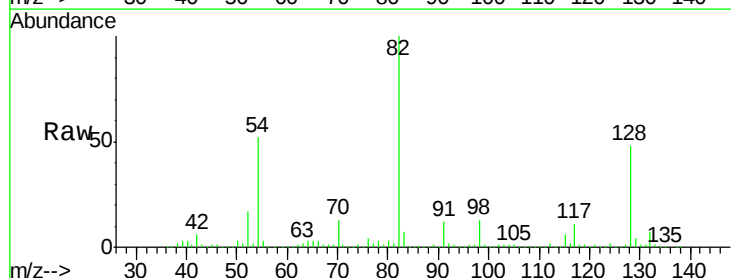
Tgt Ion: 82 Resp: 550383

Ion Ratio Lower Upper

82 100

128 47.8 51.0 76.6#

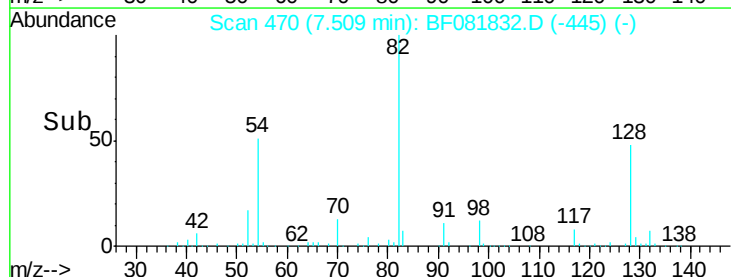
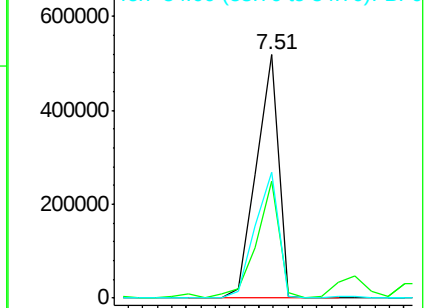
54 51.5 47.5 71.3

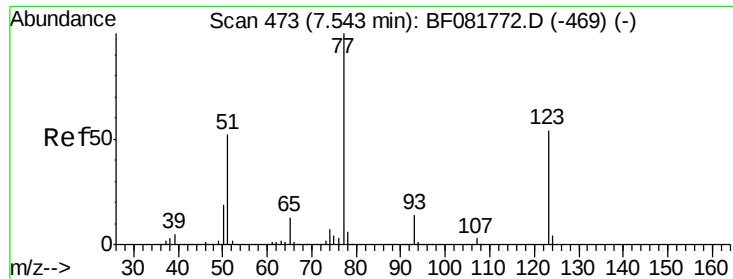


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

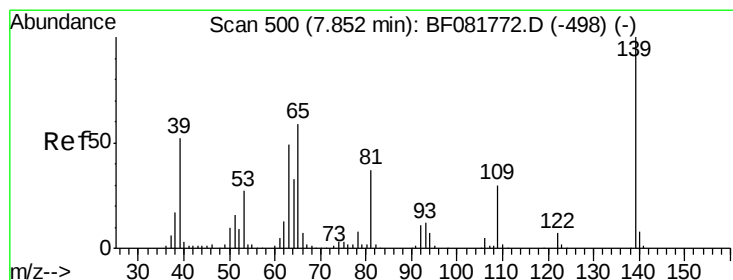
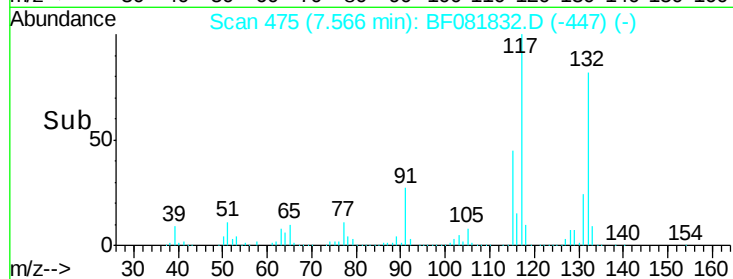
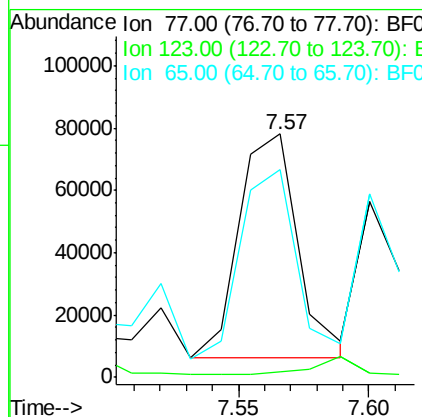
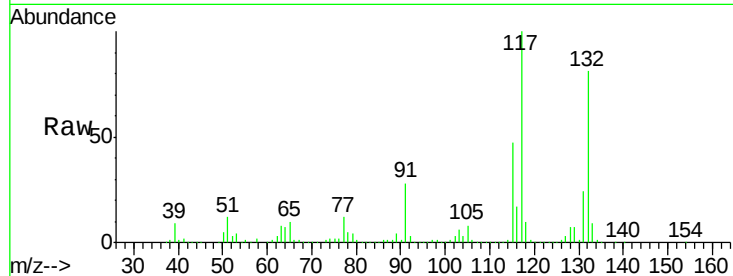




#24
 Nitrobenzene
 Concen: 15.00 ng
 RT: 7.57 min Scan# 475
 Delta R.T. 0.02 min
 Lab File: BF081832.D
 Acq: 26 Sep 2015 17:25

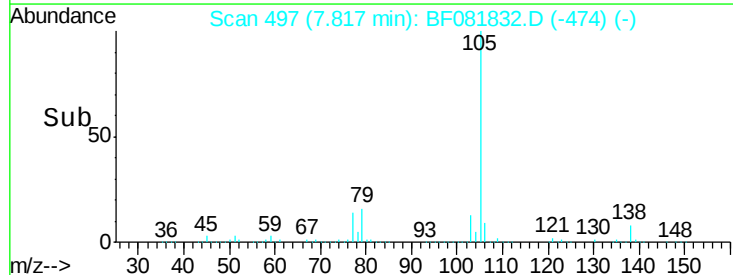
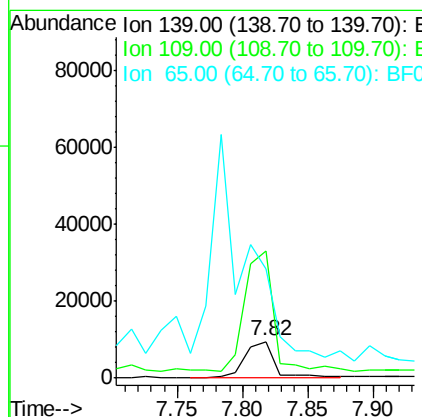
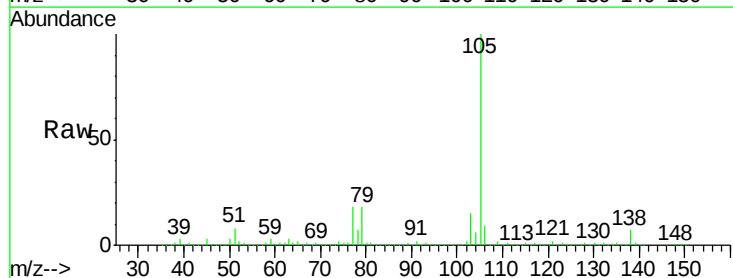
Instrument :
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 MGP221BR-30-32

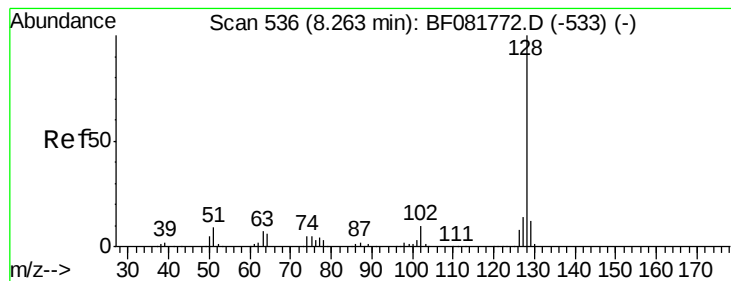
Tgt Ion: 77 Resp: 112879
 Ion Ratio Lower Upper
 77 100
 123 2.4 59.8 89.8#
 65 85.2 10.2 15.4#



#26
 2-Nitrophenol
 Concen: 5.68 ng
 RT: 7.82 min Scan# 497
 Delta R.T. -0.03 min
 Lab File: BF081832.D
 Acq: 26 Sep 2015 17:25

Tgt Ion: 139 Resp: 15519
 Ion Ratio Lower Upper
 139 100
 109 348.2 11.0 16.4#
 65 301.6 24.7 37.1#





#31

Naphthalene

Concen: 16.51 ng

RT: 8.25 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF081832.D

Acq: 26 Sep 2015 17:25

Instrument :

BNA_F

ClientSampleId :

MGP221BR-30-32

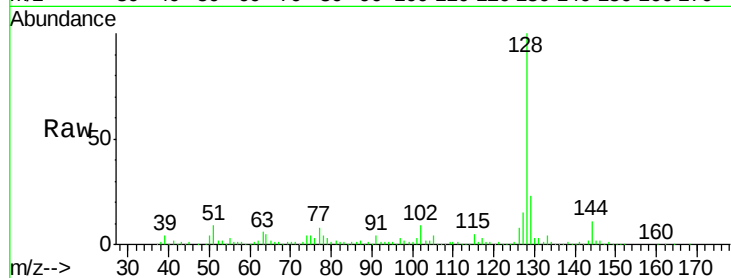
Tgt Ion:128 Resp: 338957

Ion Ratio Lower Upper

128 100

129 23.4 8.4 12.6#

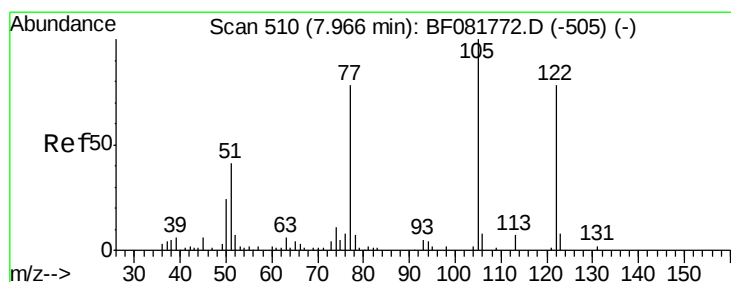
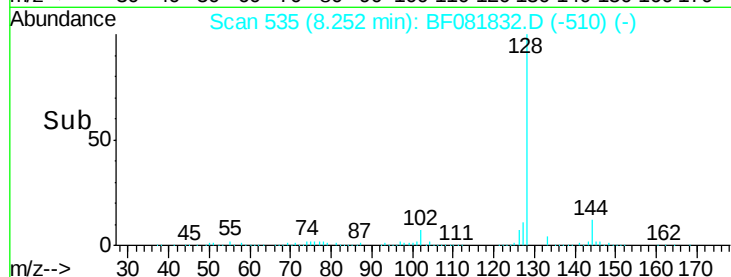
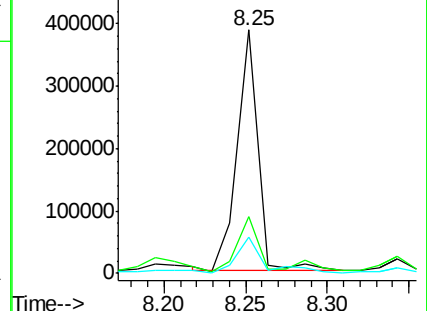
127 15.1 9.9 14.9#



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: 4.77 ng

RT: 8.00 min Scan# 513

Delta R.T. 0.03 min

Lab File: BF081832.D

Acq: 26 Sep 2015 17:25

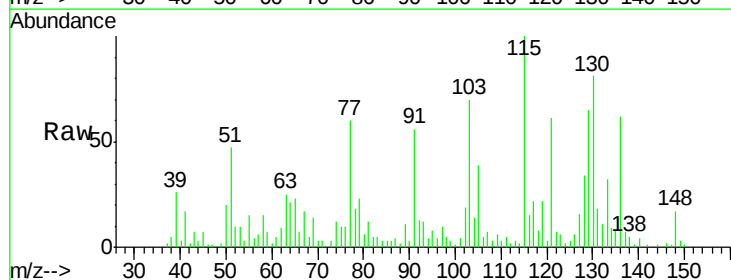
Tgt Ion:122 Resp: 6290

Ion Ratio Lower Upper

122 100

105 563.8 76.1 116.1#

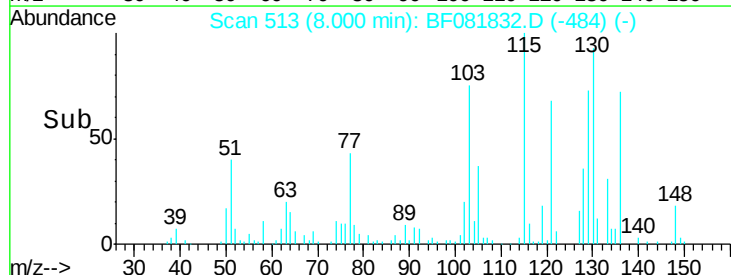
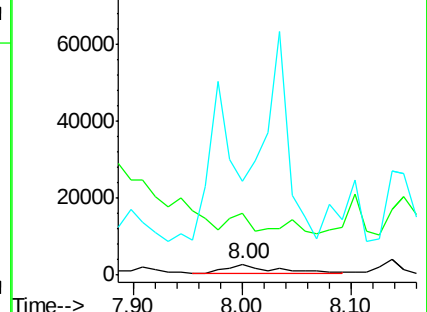
77 865.5 40.5 80.5#

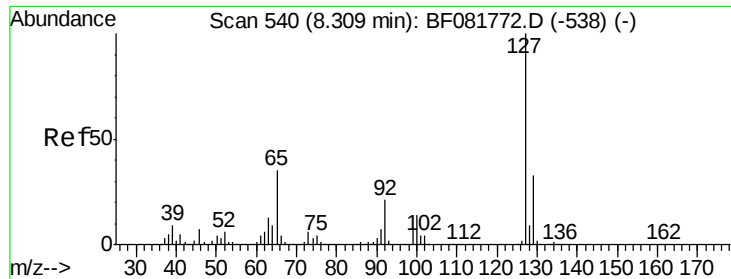


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

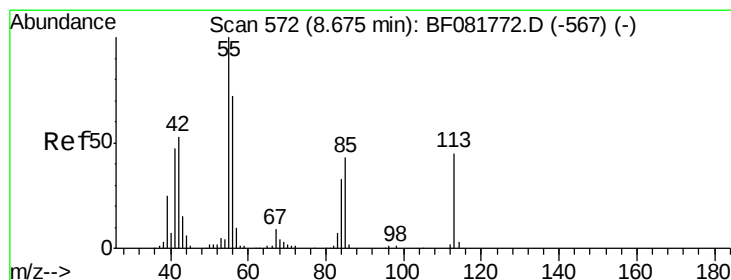
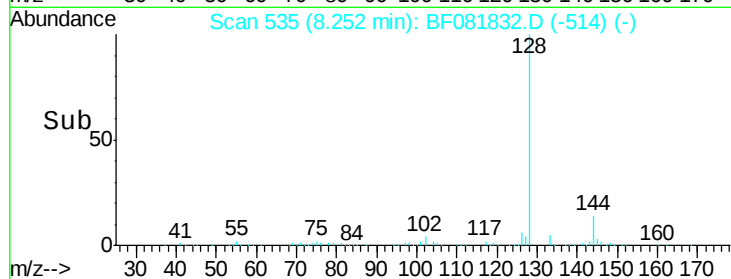
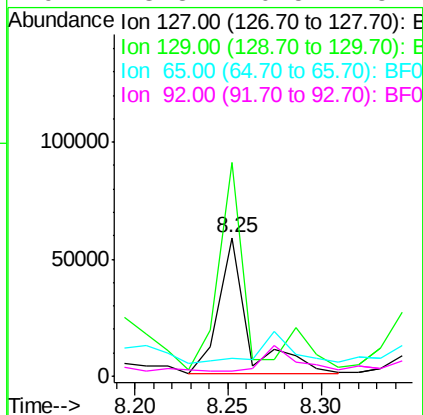
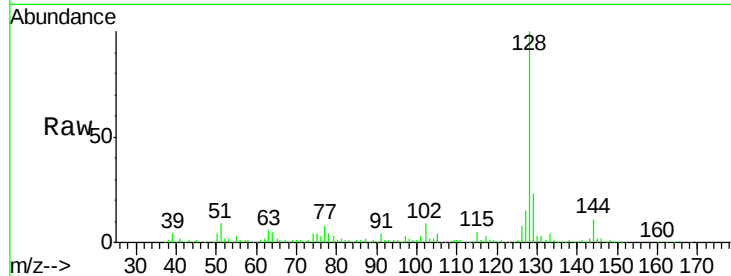




#33
4-Chloroaniline
Concen: 7.15 ng
RT: 8.25 min Scan# 535
Delta R.T. -0.06 min
Lab File: BF081832.D
Acq: 26 Sep 2015 17:25

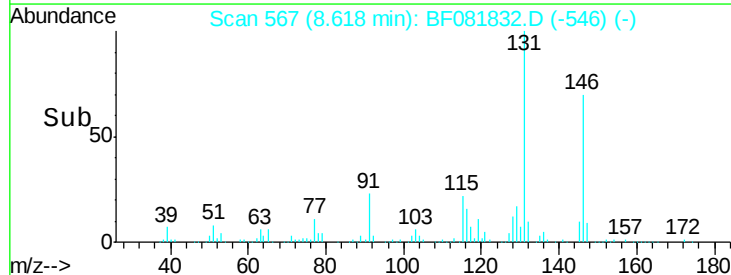
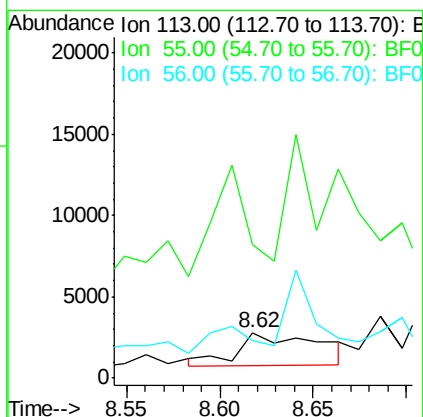
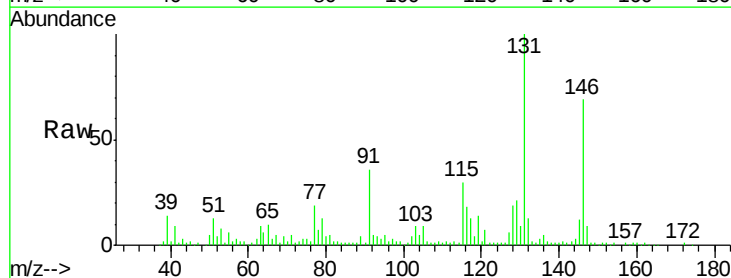
Instrument :
BNA_F
ClientSampleId :
MGP221BR-30-32

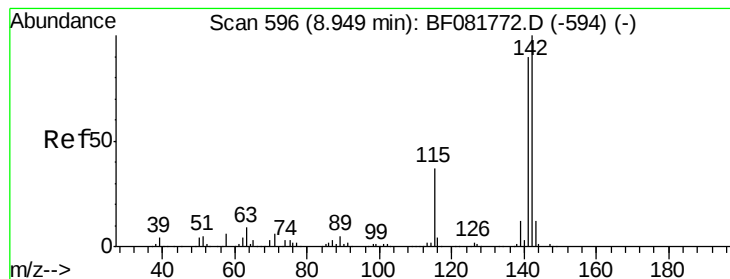
Tgt Ion:	127	Resp:	64469
Ion	Ratio	Lower	Upper
127	100		
129	154.5	25.8	38.6#
65	13.0	17.9	26.9#
92	3.8	10.5	15.7#



#35
Caprolactam
Concen: 3.62 ng
RT: 8.62 min Scan# 567
Delta R.T. -0.06 min
Lab File: BF081832.D
Acq: 26 Sep 2015 17:25

Tgt Ion:	113	Resp:	6095
Ion	Ratio	Lower	Upper
113	100		
55	290.9	152.4	192.4#
56	81.1	104.6	144.6#





#37

2-Methylnaphthalene

Concen: 8.75 ng

RT: 8.95 min Scan# 596

Delta R.T. 0.00 min

Lab File: BF081832.D

Acq: 26 Sep 2015 17:25

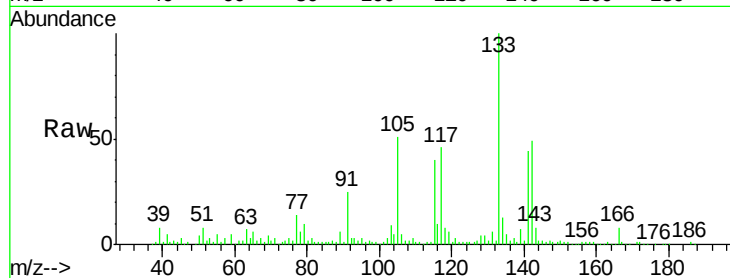
Instrument :

BNA_F

ClientSampleId :

MGP221BR-30-32

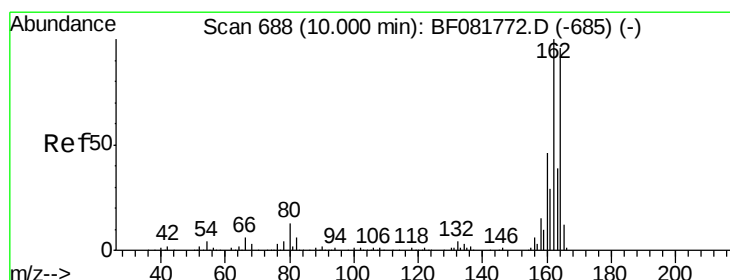
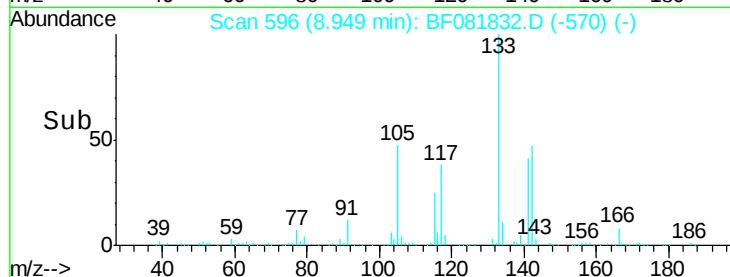
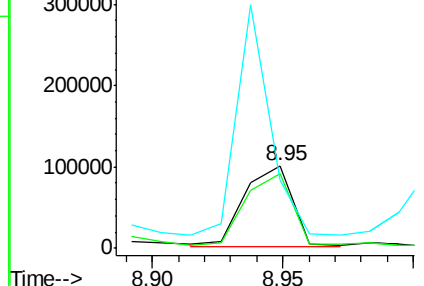
Tgt Ion:	142	Resp:	127981
Ion Ratio	Lower	Upper	
142	100		
141	90.2	67.5	101.3
115	82.0	18.2	27.2#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

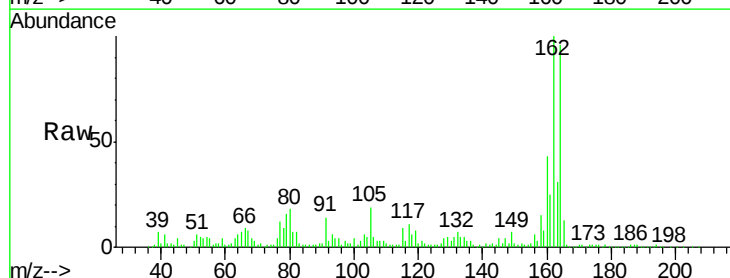
RT: 9.99 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF081832.D

Acq: 26 Sep 2015 17:25

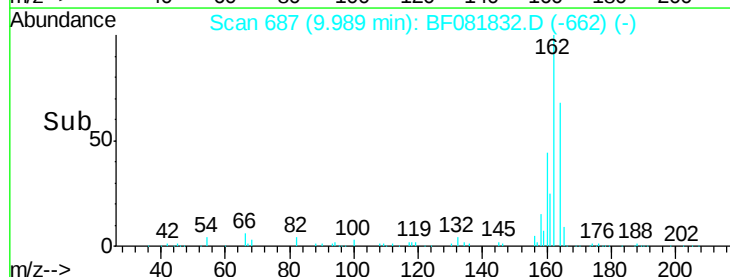
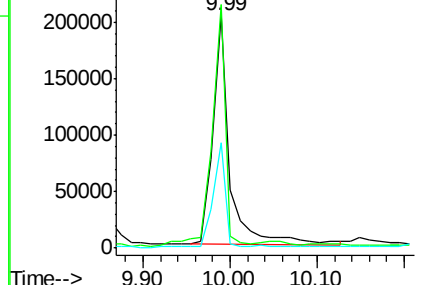
Tgt Ion:	164	Resp:	273638
Ion Ratio	Lower	Upper	
164	100		
162	104.6	75.2	112.8
160	45.4	31.5	47.3

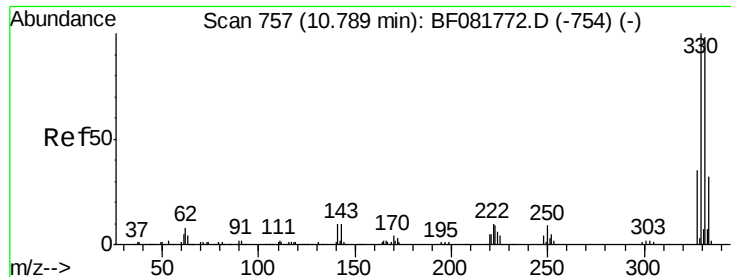


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

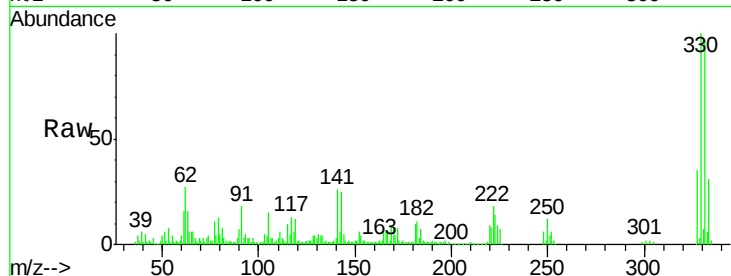




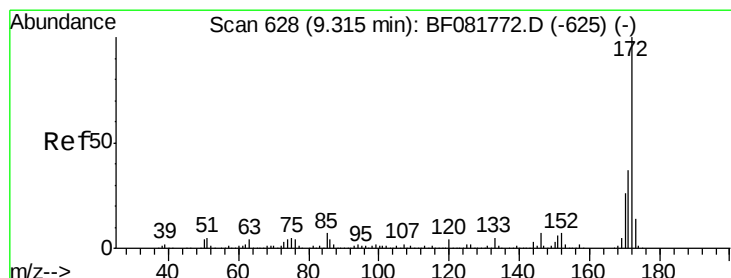
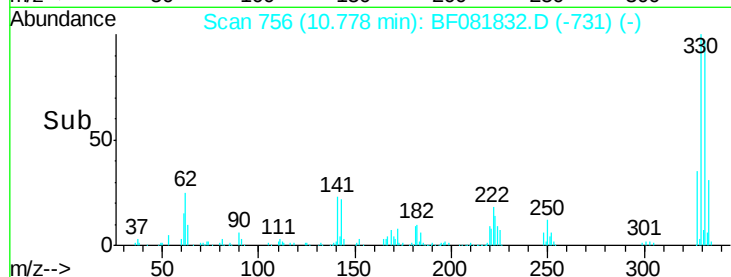
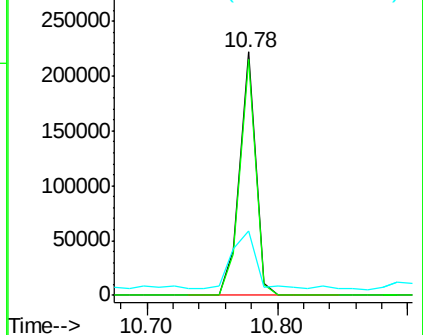
#41
 2,4,6-Tribromophenol
 Concen: 79.80 ng
 RT: 10.78 min Scan# 756
 Delta R.T. -0.01 min
 Lab File: BF081832.D
 Acq: 26 Sep 2015 17:25

Instrument :
 BNA_F
 ClientSampleId :
 MGP221BR-30-32

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.6	114.8
141	35.7	29.7	44.5

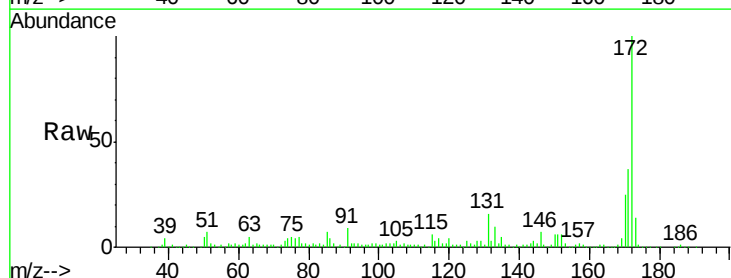


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

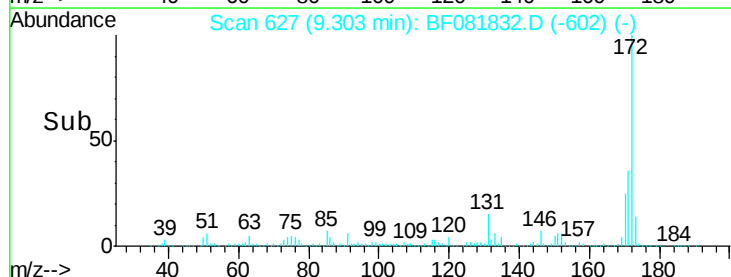
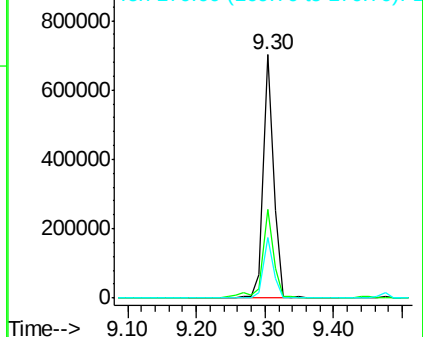


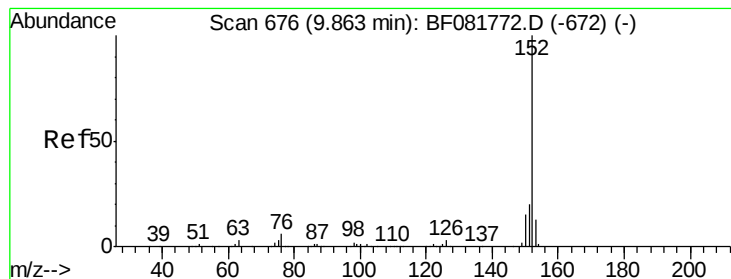
#44
 2-Fluorobiphenyl
 Concen: 42.80 ng
 RT: 9.30 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF081832.D
 Acq: 26 Sep 2015 17:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	26.1	39.1
170	24.8	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: 23.52 ng

RT: 9.85 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF081832.D

Acq: 26 Sep 2015 17:25

Instrument :

BNA_F

ClientSampleId :

MGP221BR-30-32

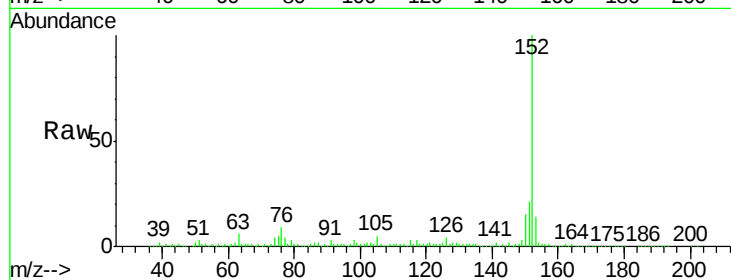
Tgt Ion:152 Resp: 685166

Ion Ratio Lower Upper

152 100

151 20.5 14.6 22.0

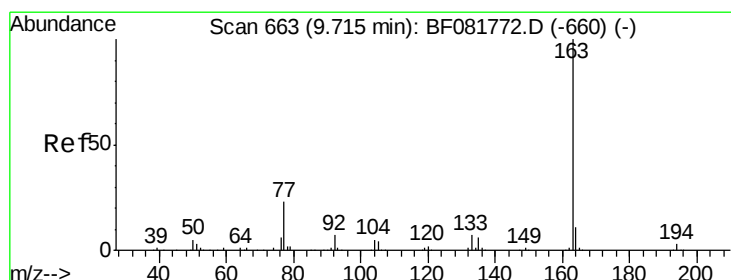
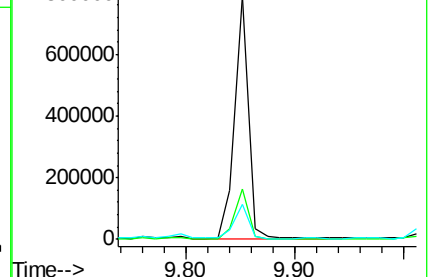
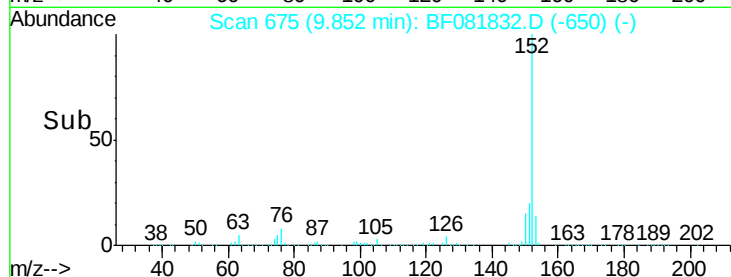
153 14.3 10.3 15.5



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: 13.55 ng

RT: 9.70 min Scan# 662

Delta R.T. -0.01 min

Lab File: BF081832.D

Acq: 26 Sep 2015 17:25

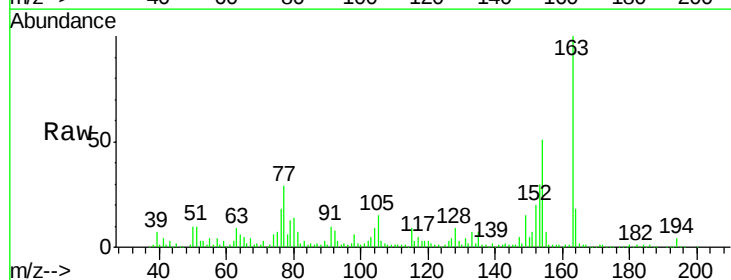
Tgt Ion:163 Resp: 282097

Ion Ratio Lower Upper

163 100

194 3.7 4.4 6.6#

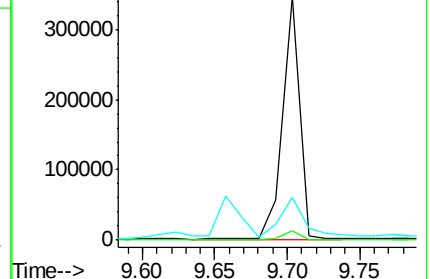
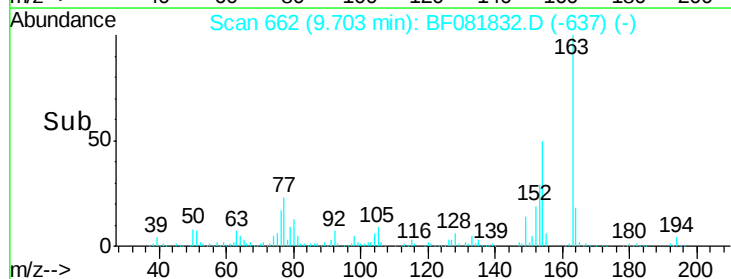
164 17.8 8.3 12.5#

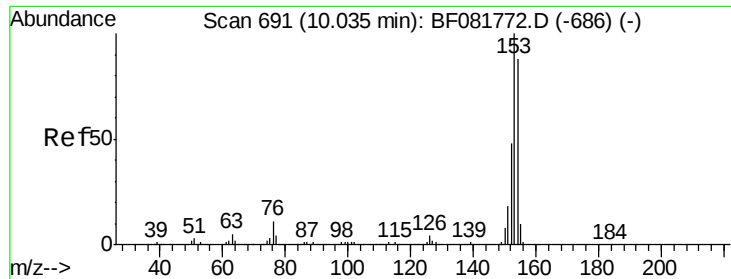


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 2.80 ng

RT: 10.02 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF081832.D

Acq: 26 Sep 2015 17:25

Instrument :

BNA_F

ClientSampleId :

MGP221BR-30-32

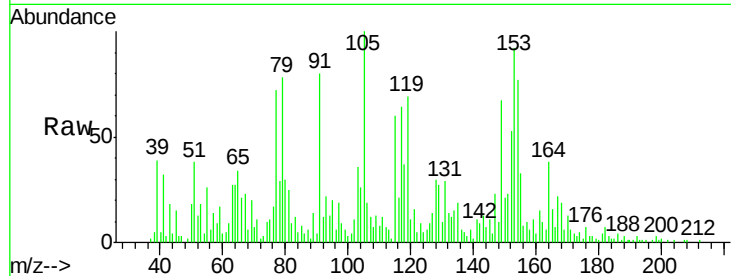
Tgt Ion:154 Resp: 46973

Ion Ratio Lower Upper

154 100

153 119.3 82.1 123.1

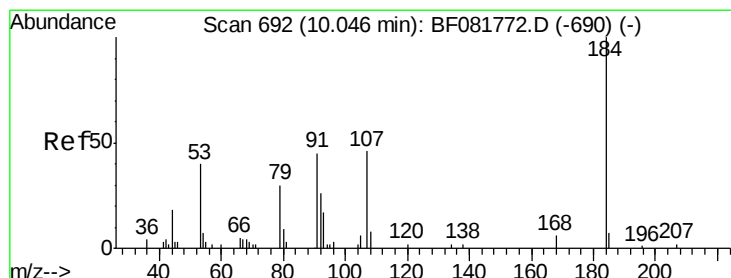
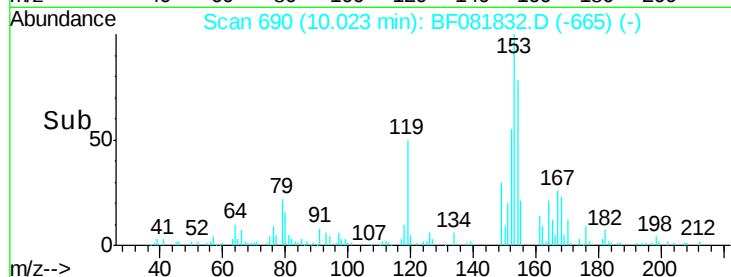
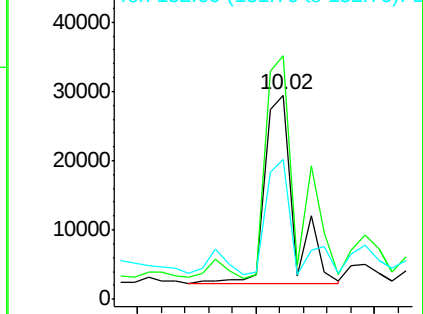
152 68.5 37.9 56.9#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

2,4-Dinitrophenol

Concen: 18.70 ng

RT: 10.05 min Scan# 692

Delta R.T. 0.00 min

Lab File: BF081832.D

Acq: 26 Sep 2015 17:25

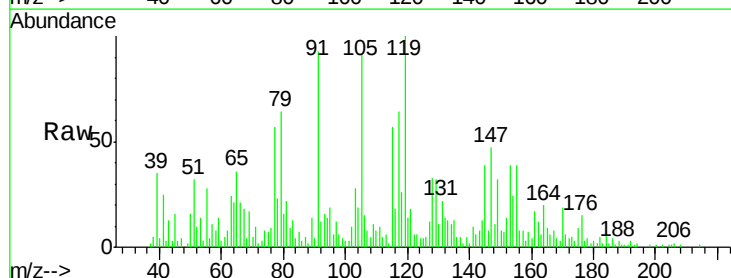
Tgt Ion:184 Resp: 3119

Ion Ratio Lower Upper

184 100

63 355.4 35.4 53.2#

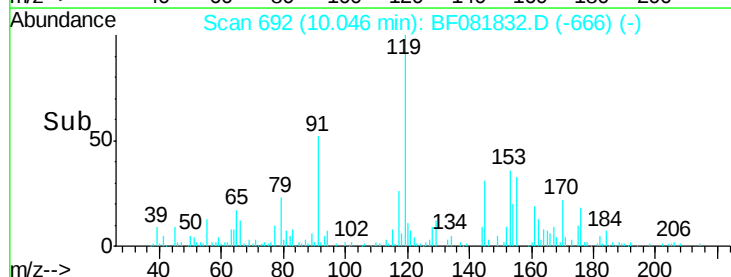
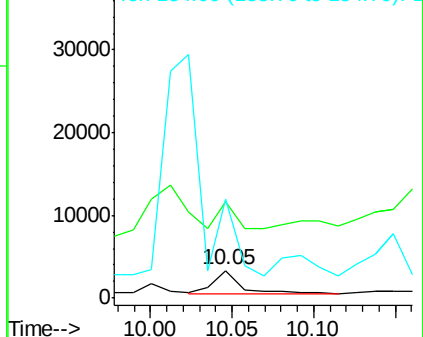
154 363.1 32.2 48.4#

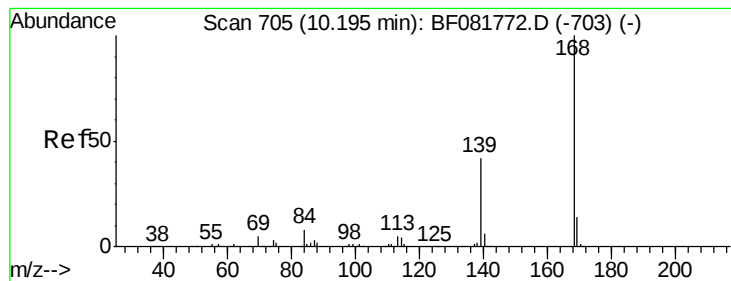


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 3.73 ng

RT: 10.17 min Scan# 703

Delta R.T. -0.02 min

Lab File: BF081832.D

Acq: 26 Sep 2015 17:25

Instrument :

BNA_F

ClientSampleId :

MGP221BR-30-32

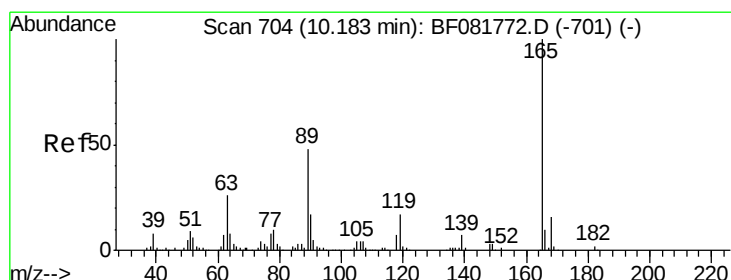
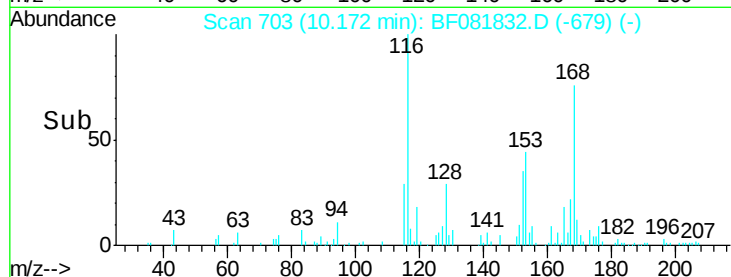
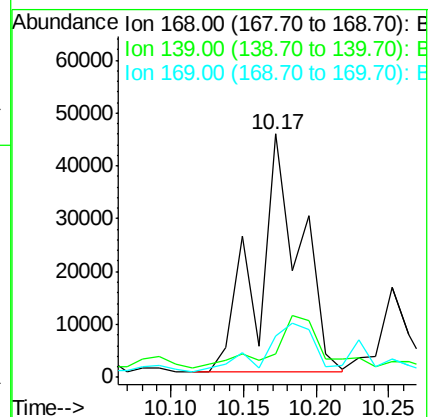
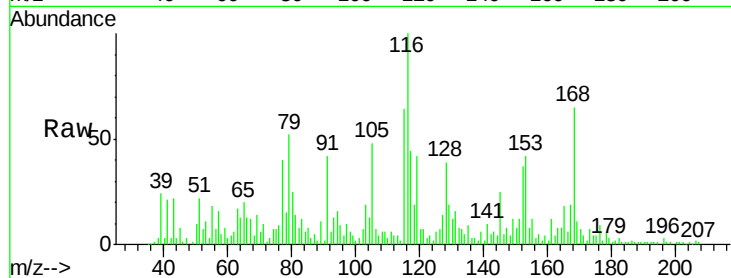
Tgt Ion:168 Resp: 91839

Ion Ratio Lower Upper

168 100

139 9.9 24.2 36.2#

169 16.9 10.6 15.8#



#56

2,4-Dinitrotoluene

Concen: 6.30 ng

RT: 10.15 min Scan# 701

Delta R.T. -0.03 min

Lab File: BF081832.D

Acq: 26 Sep 2015 17:25

Tgt Ion:165 Resp: 30304

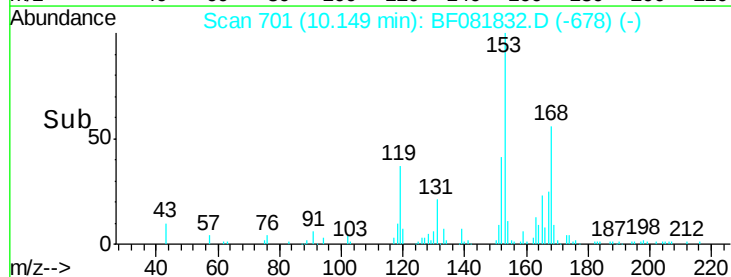
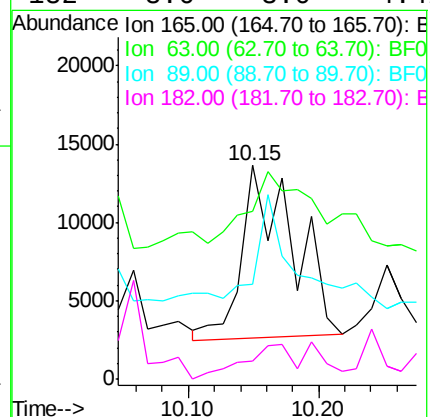
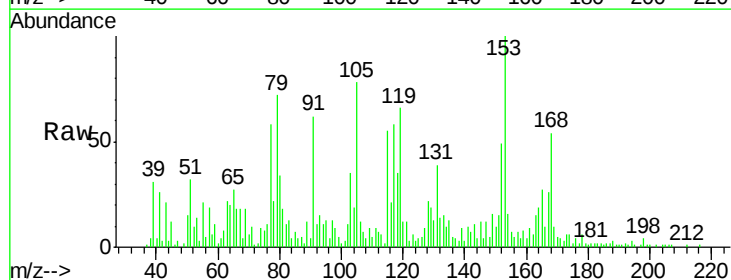
Ion Ratio Lower Upper

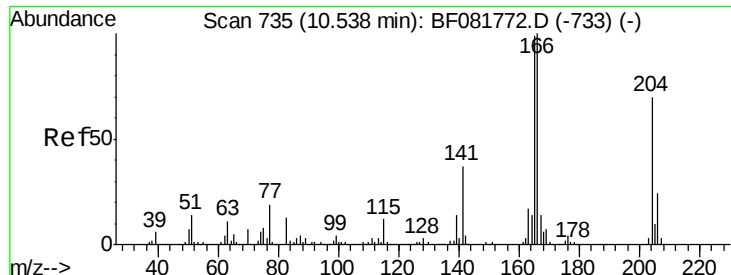
165 100

63 78.4 29.8 44.6#

89 44.2 44.5 66.7#

182 8.6 3.0 4.4#

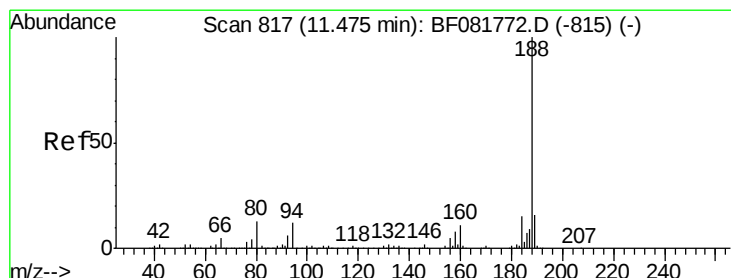
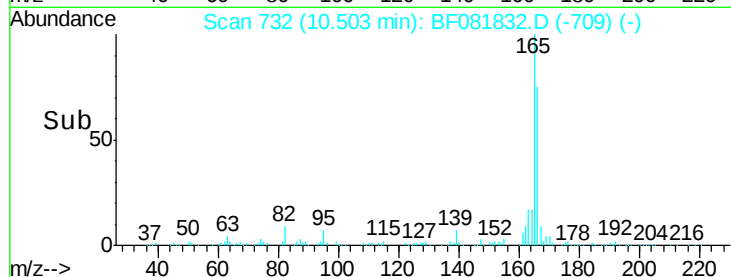
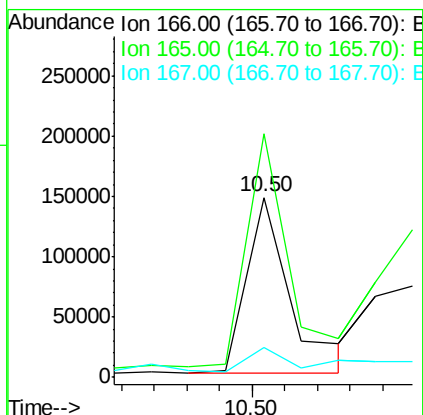
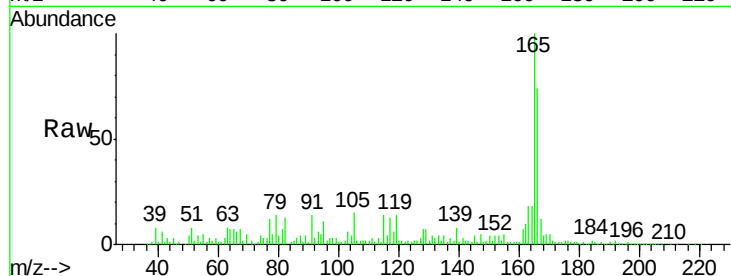




#57
Fluorene
 Concen: 7.26 ng
 RT: 10.50 min Scan# 732
 Delta R.T. -0.03 min
 Lab File: BF081832.D
 Acq: 26 Sep 2015 17:25

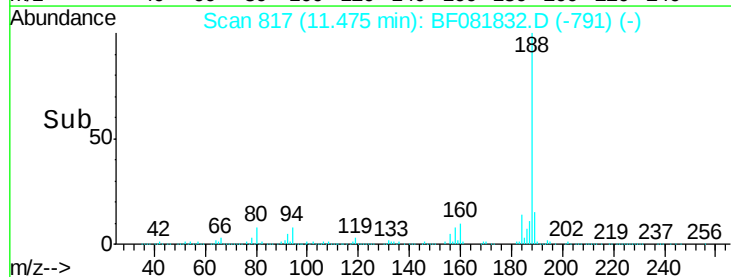
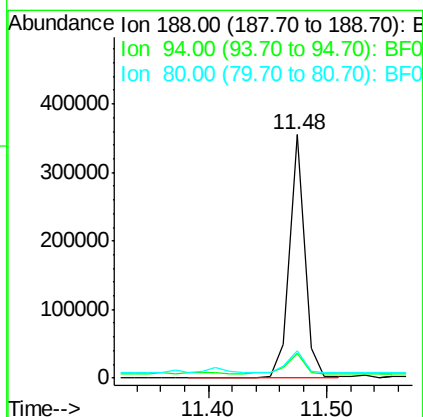
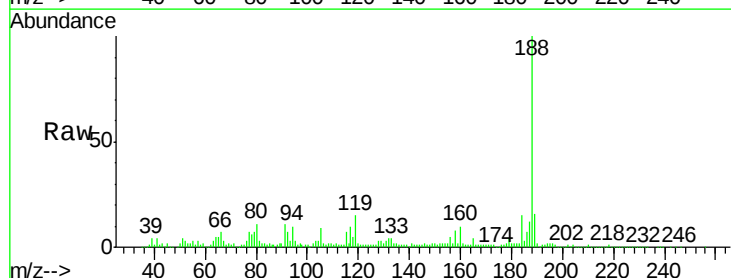
Instrument :
 BNA_F
 ClientSampleId :
 MGP221BR-30-32

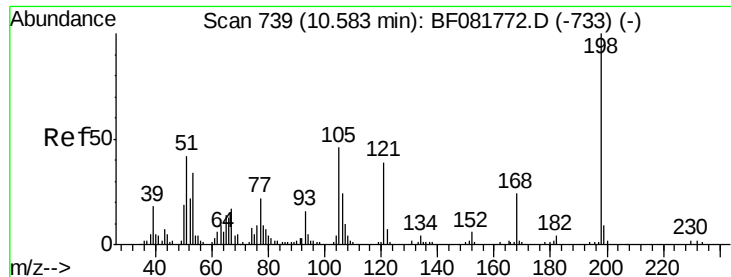
Tgt Ion:166 Resp: 137190
 Ion Ratio Lower Upper
 166 100
 165 135.1 72.6 109.0#
 167 16.3 10.6 16.0#



#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.48 min Scan# 817
 Delta R.T. 0.00 min
 Lab File: BF081832.D
 Acq: 26 Sep 2015 17:25

Tgt Ion:188 Resp: 307300
 Ion Ratio Lower Upper
 188 100
 94 10.2 11.1 16.7#
 80 11.3 11.0 16.4





#64

4,6-Dinitro-2-methylphenol

Concen: 9.44 ng

RT: 10.63 min Scan# 743

Delta R.T. 0.05 min

Lab File: BF081832.D

Acq: 26 Sep 2015 17:25

Instrument :

BNA_F

ClientSampleId :

MGP221BR-30-32

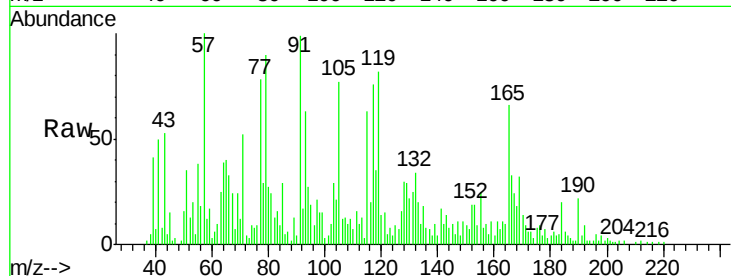
Tgt Ion:198 Resp: 894

Ion Ratio Lower Upper

198 100

51 871.0 39.6 79.6#

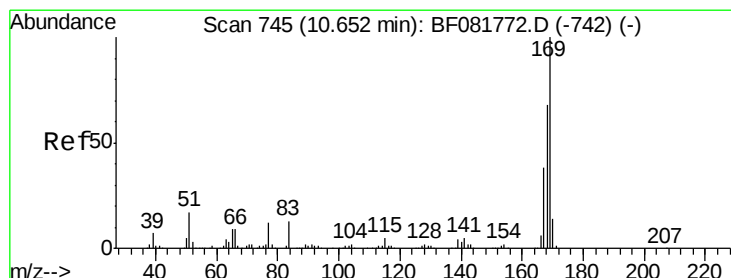
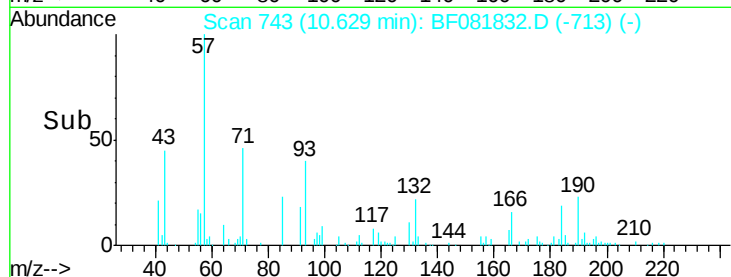
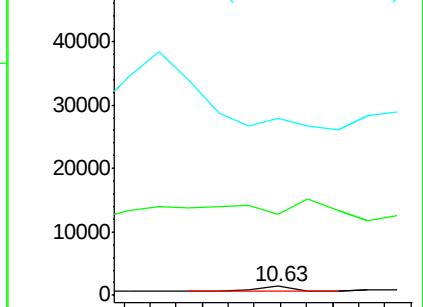
105 1898.8 28.5 68.5#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 4.99 ng

RT: 10.64 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF081832.D

Acq: 26 Sep 2015 17:25

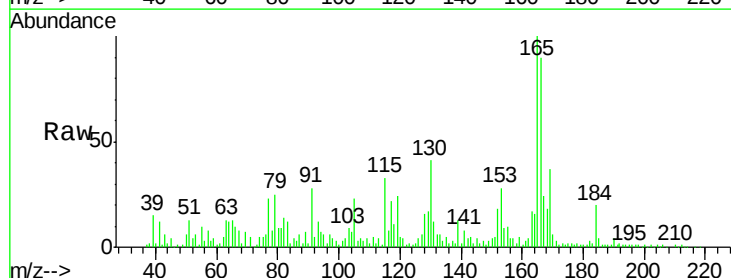
Tgt Ion:169 Resp: 51729

Ion Ratio Lower Upper

169 100

168 48.6 48.9 73.3#

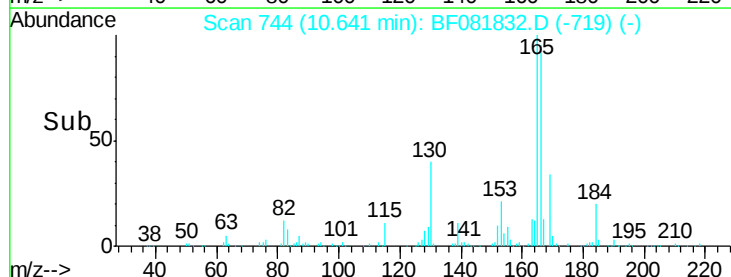
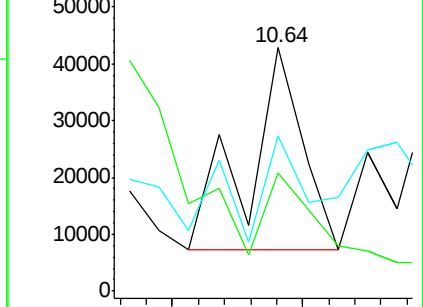
167 64.0 26.2 39.4#

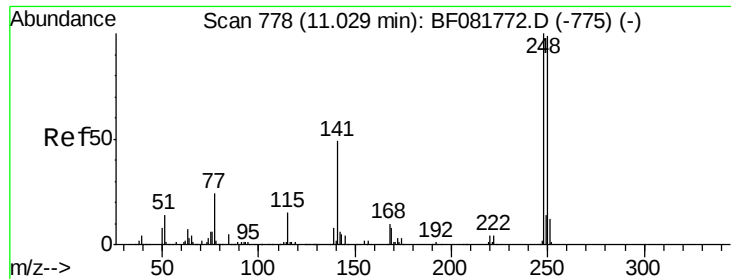


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

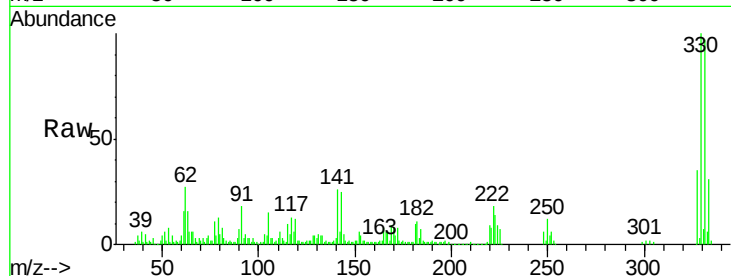




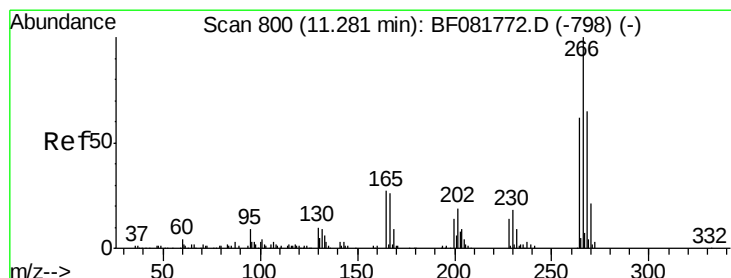
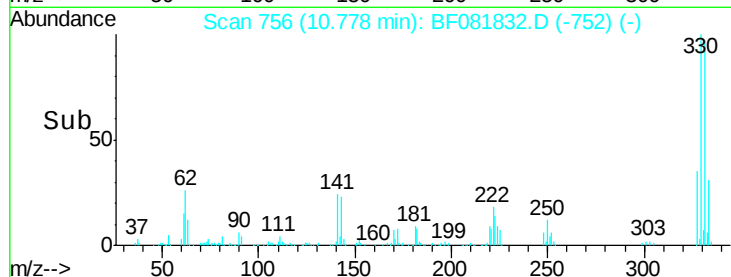
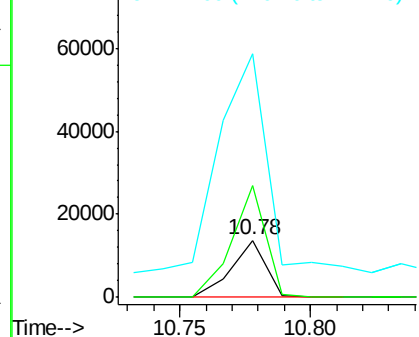
#66
4-Bromophenyl-phenylether
Concen: 3.75 ng
RT: 10.78 min Scan# 756
Delta R.T. -0.25 min
Lab File: BF081832.D
Acq: 26 Sep 2015 17:25

Instrument :
BNA_F
ClientSampleId :
MGP221BR-30-32

Tgt Ion:248 Resp: 12824
Ion Ratio Lower Upper
248 100
250 196.0 78.5 117.7#
141 425.4 59.0 88.6#

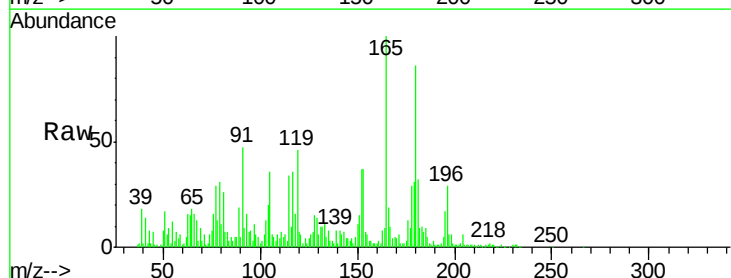


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

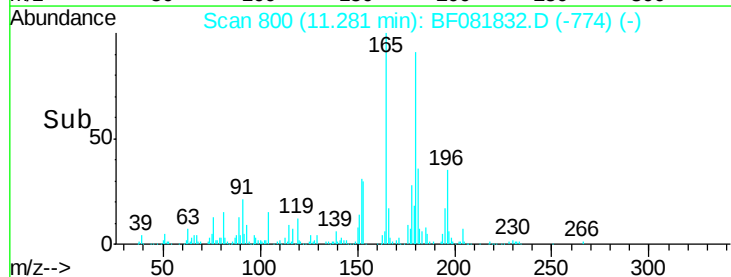
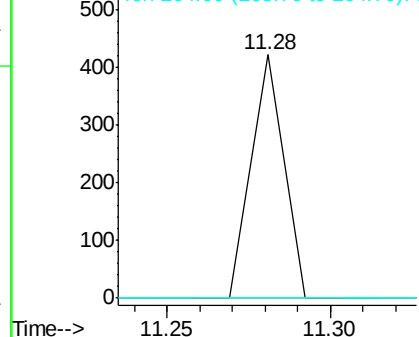


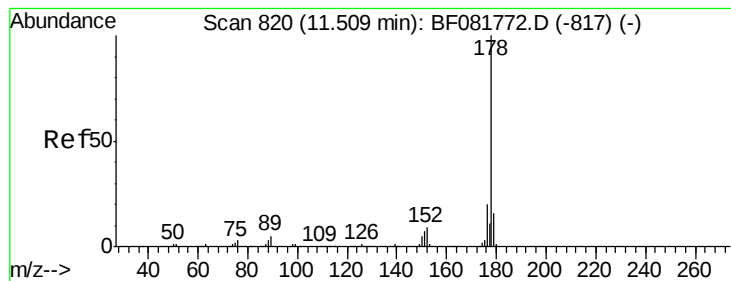
#69
Pentachlorophenol
Concen: 5.78 ng
RT: 11.28 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF081832.D
Acq: 26 Sep 2015 17:25

Tgt Ion:266 Resp: 289
Ion Ratio Lower Upper
266 100
268 0.0 49.8 74.6#
264 0.0 50.2 75.2#



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 18.12 ng

RT: 11.56 min Scan# 824

Delta R.T. 0.05 min

Lab File: BF081832.D

Acq: 26 Sep 2015 17:25

Instrument :

BNA_F

ClientSampleId :

MGP221BR-30-32

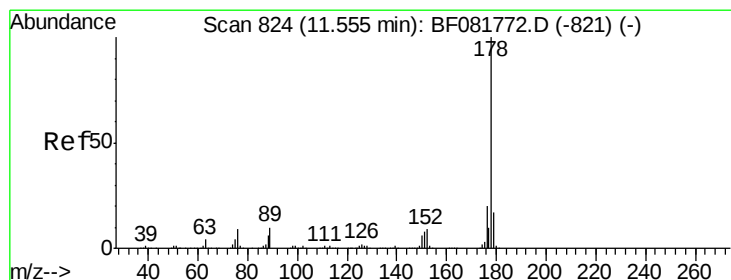
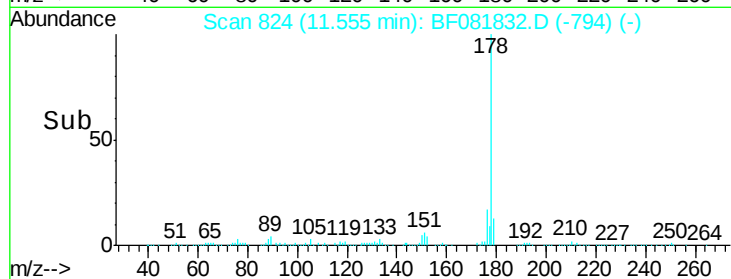
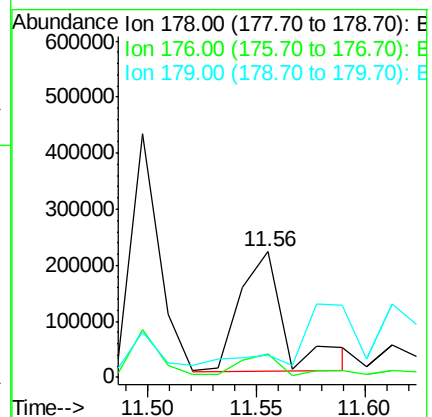
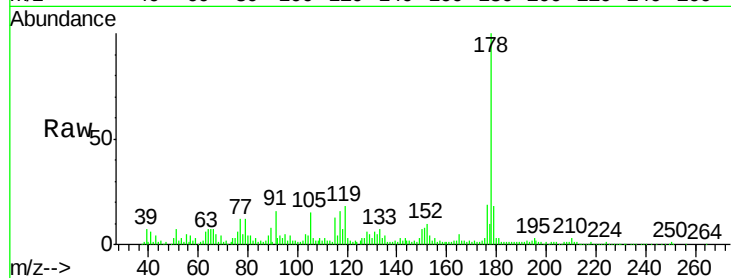
Tgt Ion:178 Resp: 318338

Ion Ratio Lower Upper

178 100

176 18.9 13.8 20.8

179 17.7 12.2 18.2



#71

Anthracene

Concen: 18.83 ng

RT: 11.56 min Scan# 824

Delta R.T. 0.00 min

Lab File: BF081832.D

Acq: 26 Sep 2015 17:25

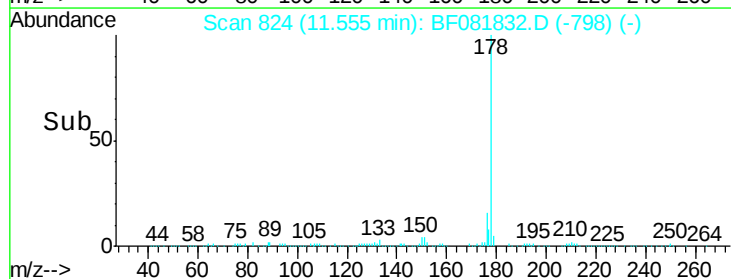
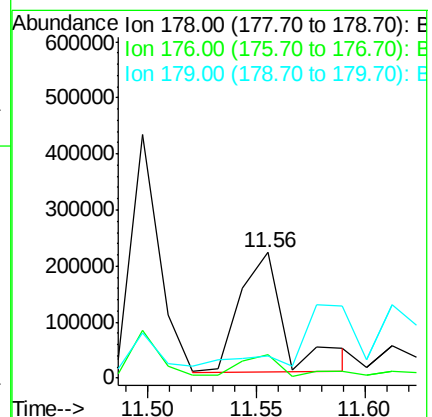
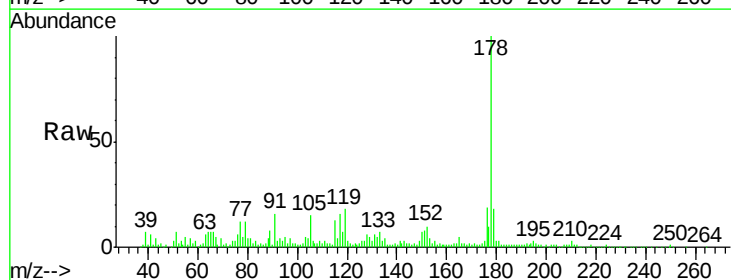
Tgt Ion:178 Resp: 318778

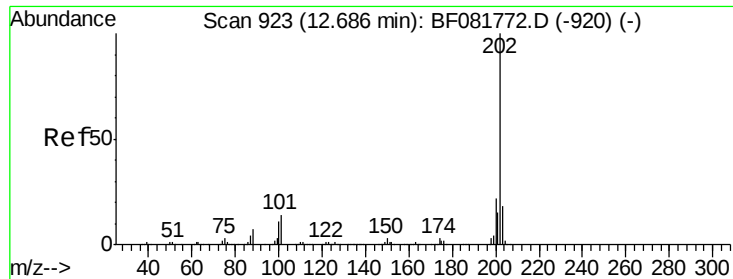
Ion Ratio Lower Upper

178 100

176 18.9 14.1 21.1

179 17.7 12.2 18.2

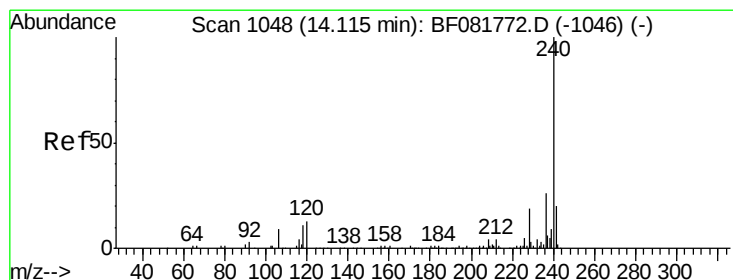
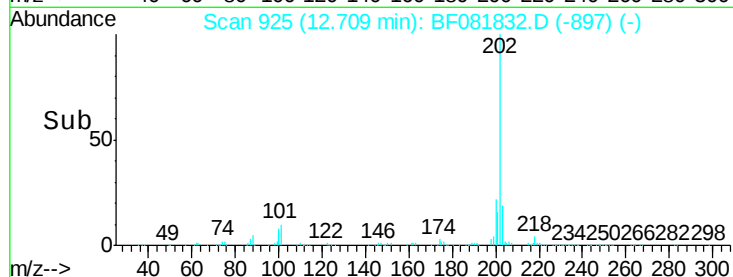
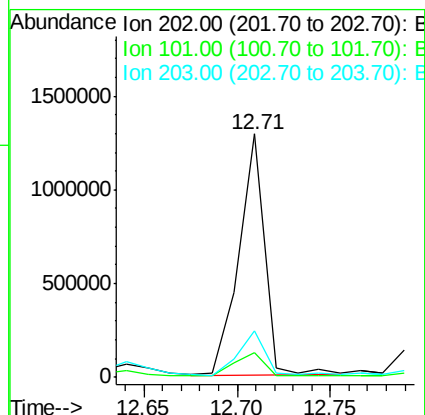
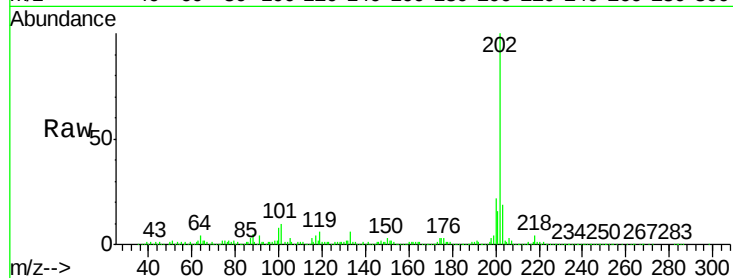




#74
Fluoranthene
Concen: 70.46 ng
RT: 12.71 min Scan# 925
Delta R.T. 0.02 min
Lab File: BF081832.D
Acq: 26 Sep 2015 17:25

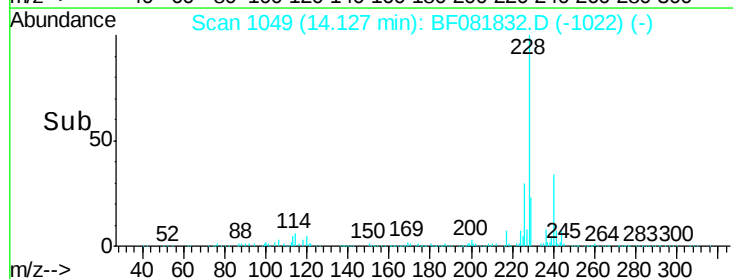
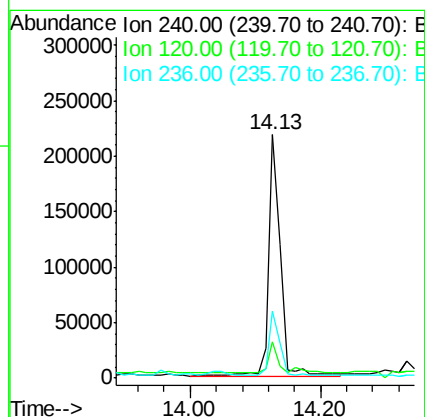
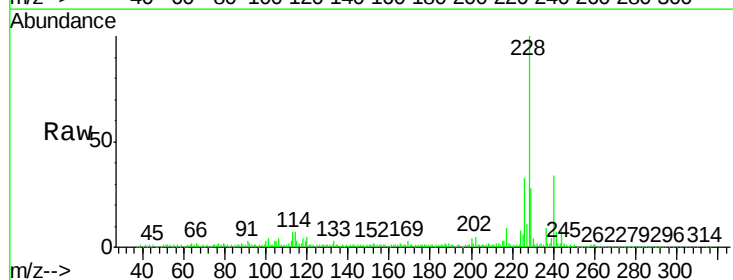
Instrument :
BNA_F
ClientSampleId :
MGP221BR-30-32

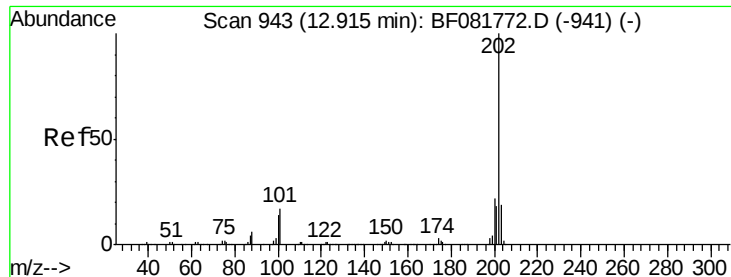
Tgt Ion:202 Resp: 1247331
Ion Ratio Lower Upper
202 100
101 10.4 0.0 38.3
203 19.1 0.0 37.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.13 min Scan# 1049
Delta R.T. 0.01 min
Lab File: BF081832.D
Acq: 26 Sep 2015 17:25

Tgt Ion:240 Resp: 270650
Ion Ratio Lower Upper
240 100
120 15.0 16.2 24.2#
236 27.4 18.4 27.6





#77

Pyrene

Concen: 15.73 ng

RT: 12.80 min Scan# 933

Delta R.T. -0.11 min

Lab File: BF081832.D

Acq: 26 Sep 2015 17:25

Instrument :

BNA_F

ClientSampleId :

MGP221BR-30-32

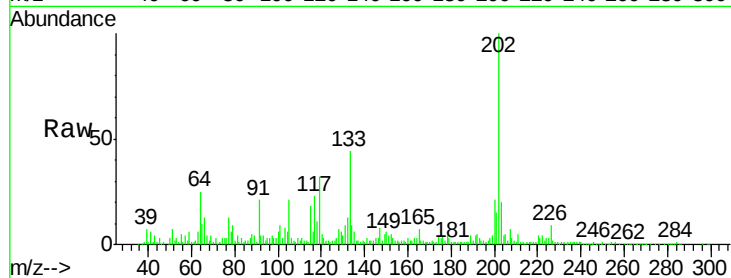
Tgt Ion: 202 Resp: 320898

Ion Ratio Lower Upper

202 100

200 20.9 15.0 22.4

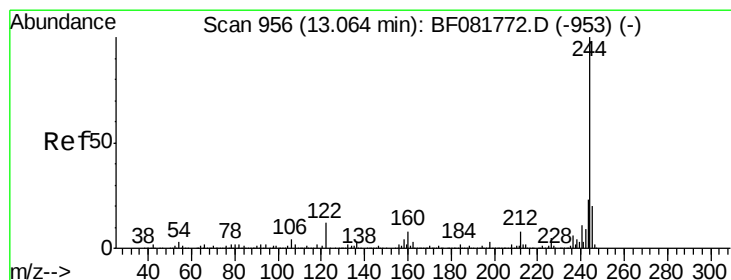
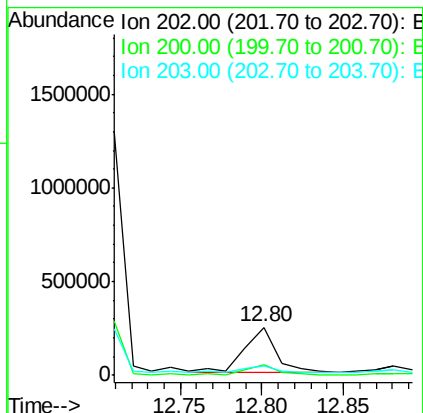
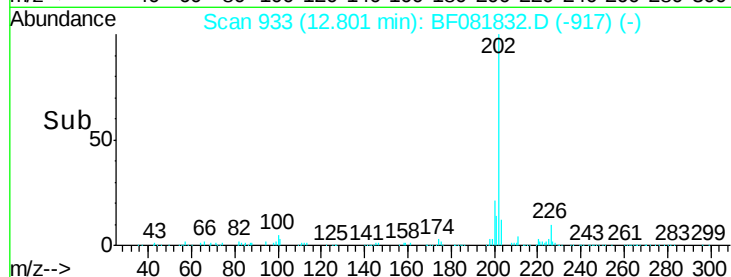
203 19.8 14.1 21.1



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: 45.50 ng

RT: 13.06 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF081832.D

Acq: 26 Sep 2015 17:25

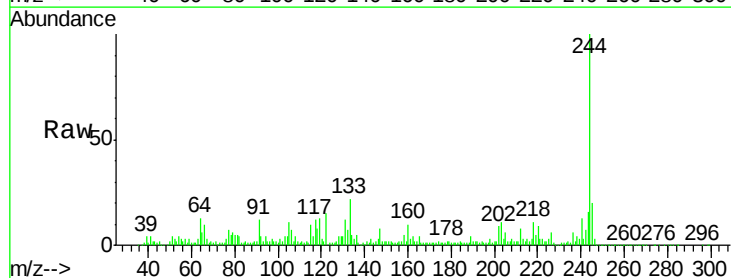
Tgt Ion: 244 Resp: 539036

Ion Ratio Lower Upper

244 100

212 8.2 4.3 6.5#

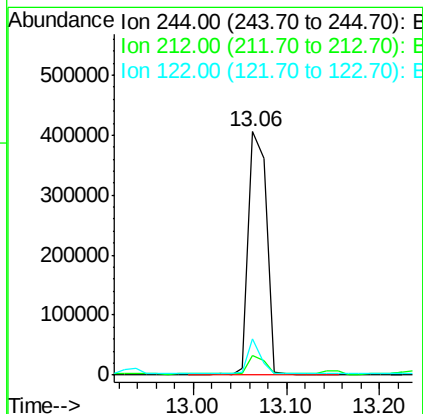
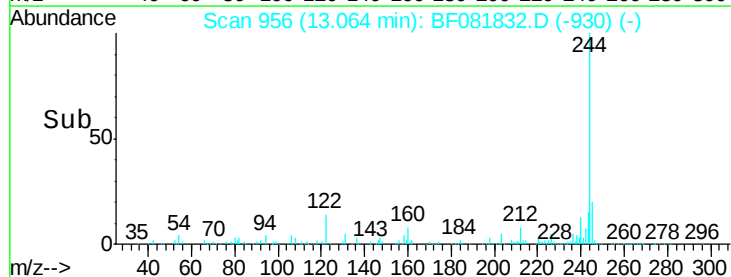
122 14.7 17.4 26.2#

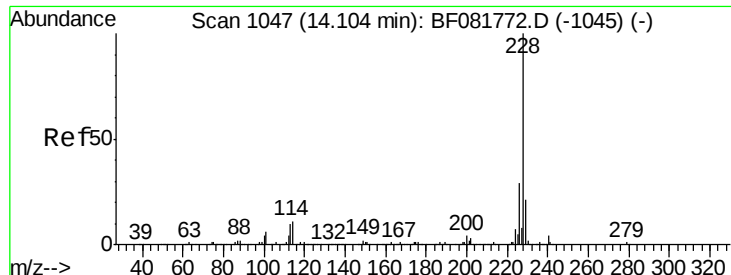


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 78.36 ng

RT: 14.12 min Scan# 1048

Delta R.T. 0.01 min

Lab File: BF081832.D

Acq: 26 Sep 2015 17:25

Instrument :

BNA_F

ClientSampleId :

MGP221BR-30-32

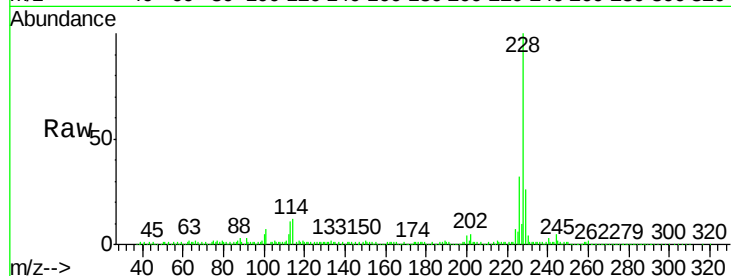
Tgt Ion:228 Resp: 1286021

Ion Ratio Lower Upper

228 100

226 31.8 20.0 30.0#

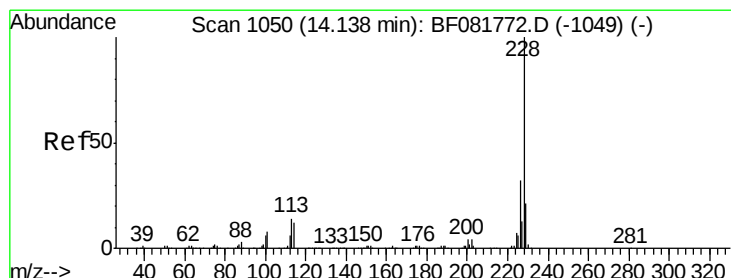
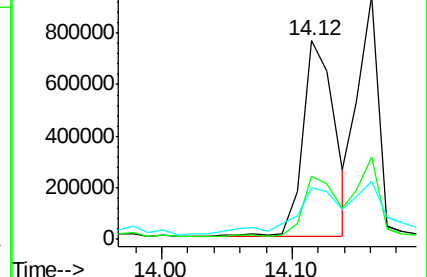
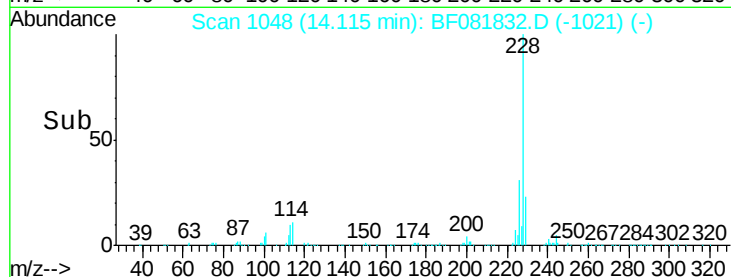
229 25.9 15.4 23.2#



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: 65.81 ng

RT: 14.16 min Scan# 1052

Delta R.T. 0.02 min

Lab File: BF081832.D

Acq: 26 Sep 2015 17:25

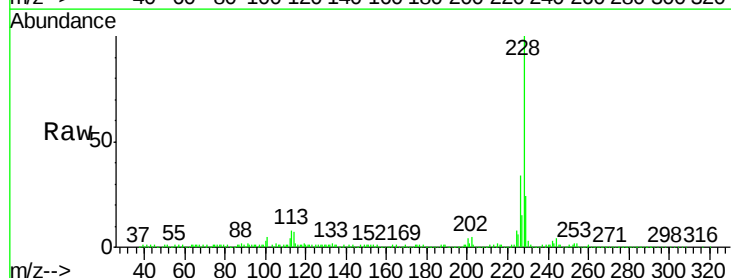
Tgt Ion:228 Resp: 1035796

Ion Ratio Lower Upper

228 100

226 33.7 21.0 31.4#

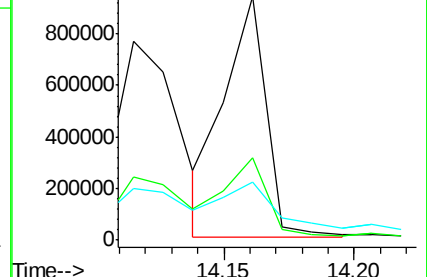
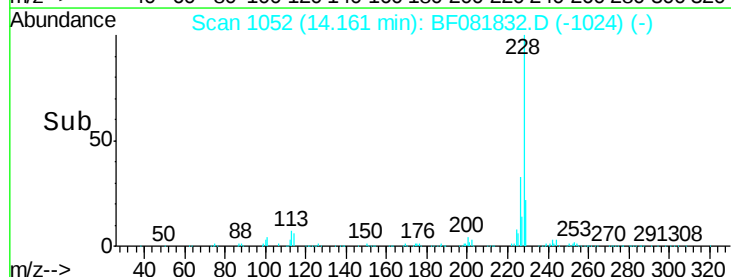
229 23.9 15.6 23.4#

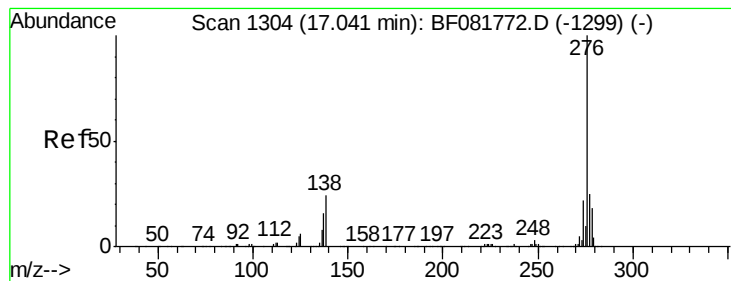


Abundance Ion 228.00 (227.70 to 228.70): E

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: 23.41 ng

RT: 17.06 min Scan# 1306

Delta R.T. 0.02 min

Lab File: BF081832.D

Acq: 26 Sep 2015 17:25

Instrument :

BNA_F

ClientSampleId :

MGP221BR-30-32

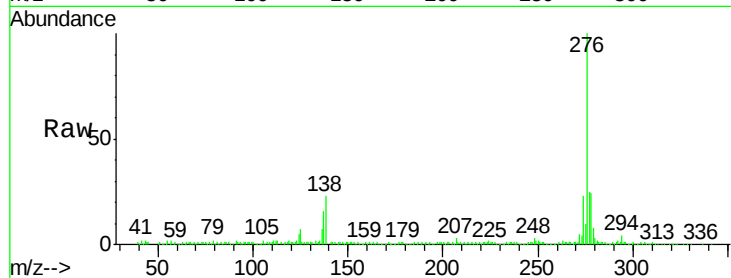
Tgt Ion:276 Resp: 337258

Ion Ratio Lower Upper

276 100

138 21.1 25.7 38.5#

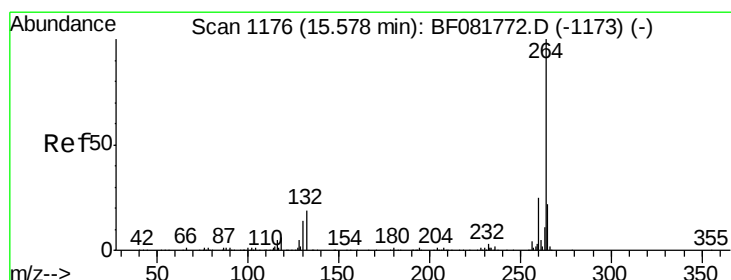
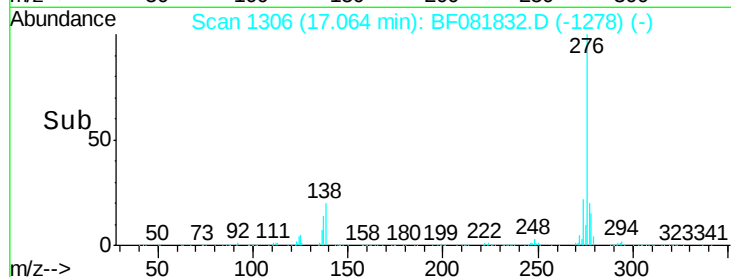
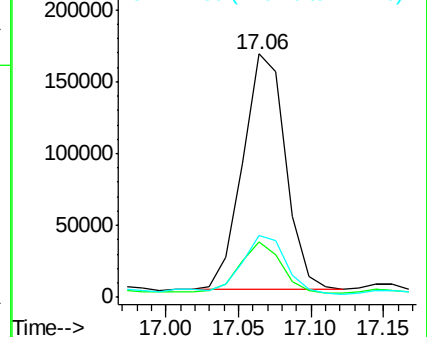
277 26.3 15.6 23.4#



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: 15.60 min Scan# 1178

Delta R.T. 0.02 min

Lab File: BF081832.D

Acq: 26 Sep 2015 17:25

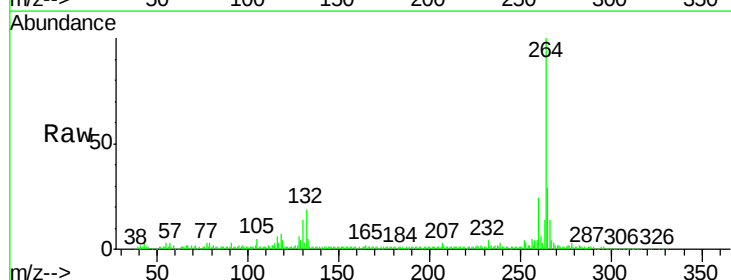
Tgt Ion:264 Resp: 295325

Ion Ratio Lower Upper

264 100

260 24.4 16.7 25.1

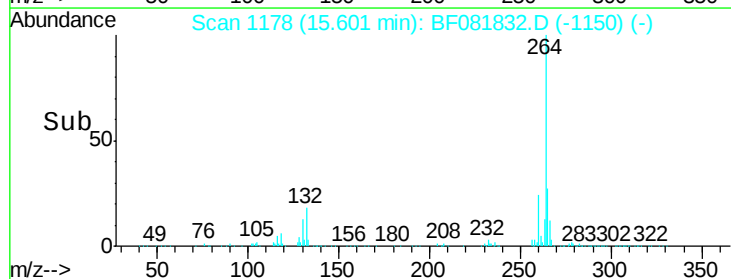
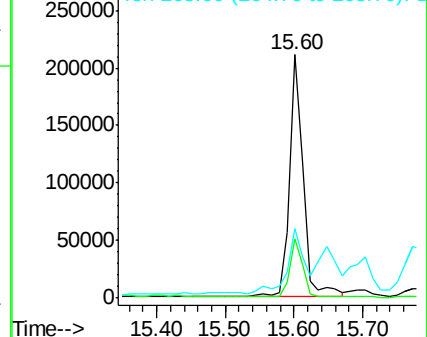
265 28.6 17.2 25.8#

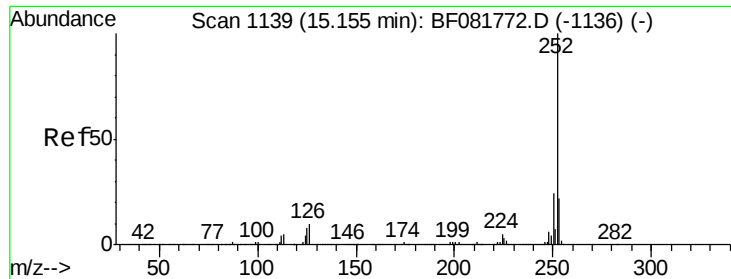


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

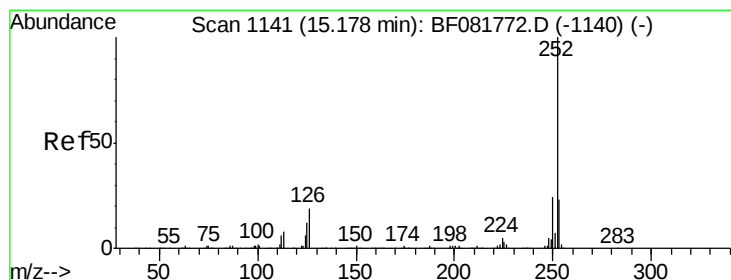
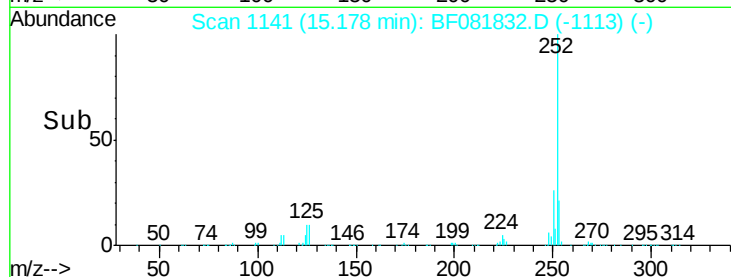
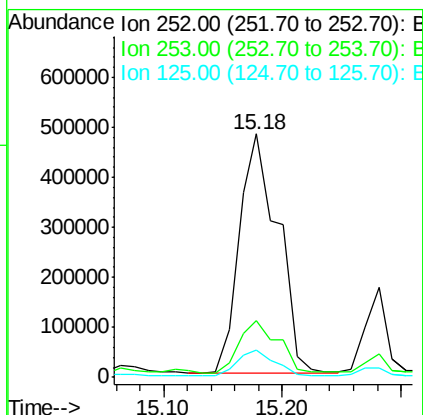
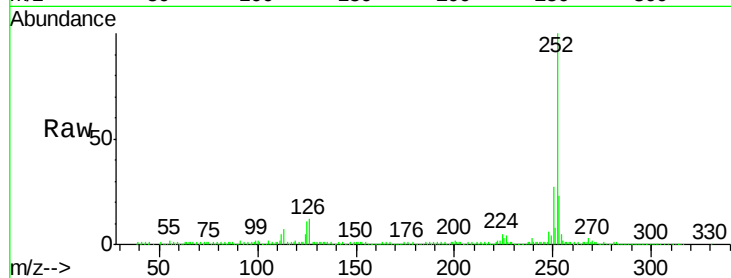




#87
Benzo(b)fluoranthene
Concen: 61.71 ng
RT: 15.18 min Scan# 1141
Delta R.T. 0.02 min
Lab File: BF081832.D
Acq: 26 Sep 2015 17:25

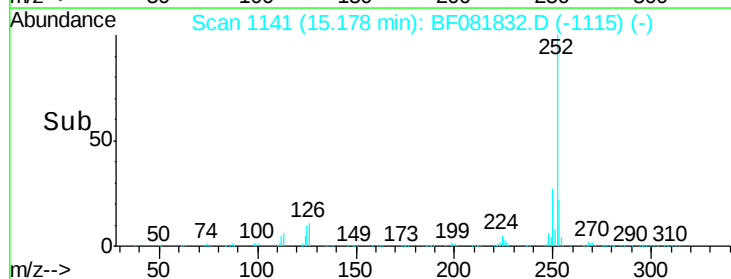
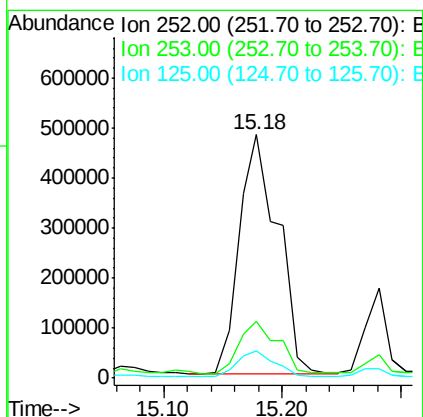
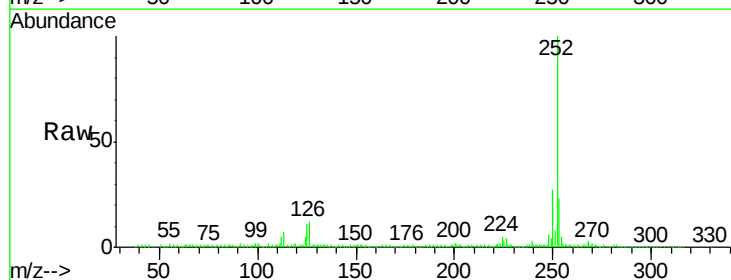
Instrument :
BNA_F
ClientSampleId :
MGP221BR-30-32

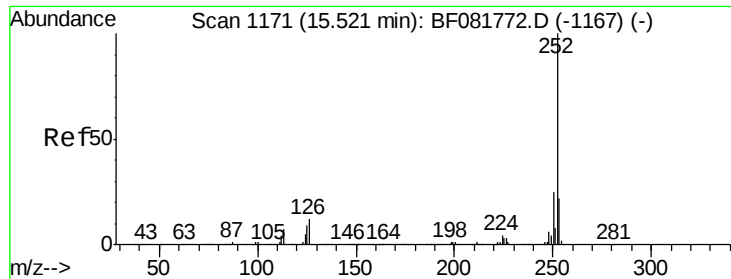
Tgt Ion:252 Resp: 1080779
Ion Ratio Lower Upper
252 100
253 23.4 17.5 26.3
125 11.0 17.1 25.7#



#88
Benzo(k)fluoranthene
Concen: 64.20 ng
RT: 15.18 min Scan# 1141
Delta R.T. 0.00 min
Lab File: BF081832.D
Acq: 26 Sep 2015 17:25

Tgt Ion:252 Resp: 1082940
Ion Ratio Lower Upper
252 100
253 23.4 17.0 25.4
125 11.0 16.0 24.0#

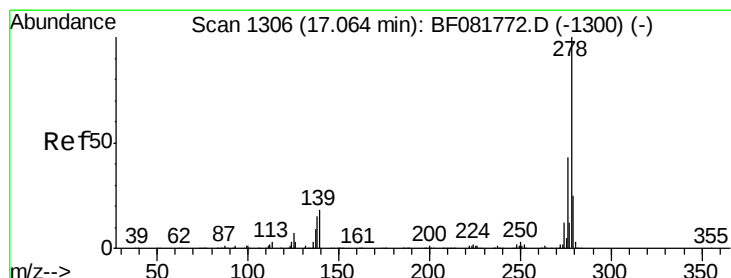
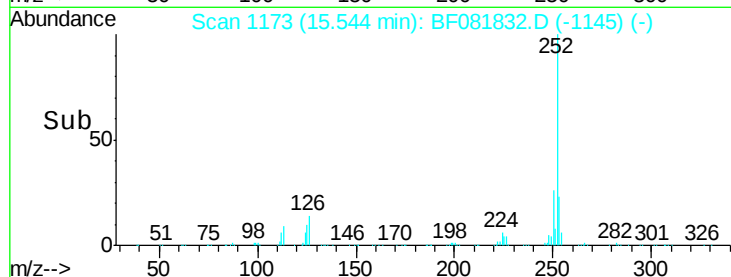
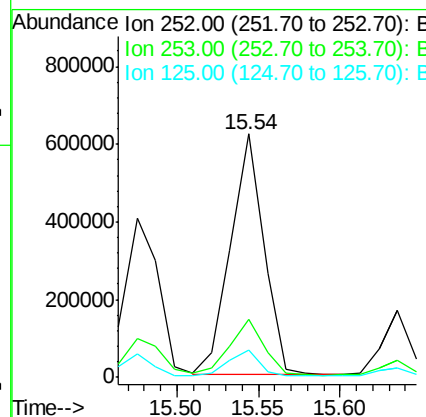
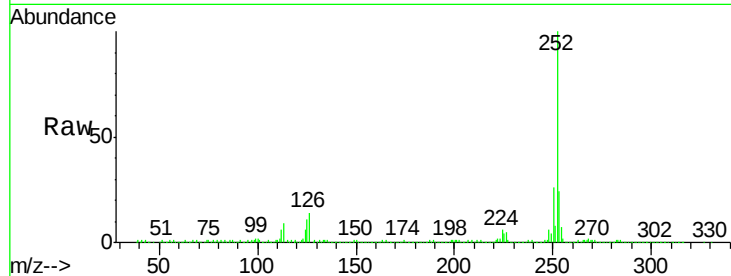




#89
Benzo(a)pyrene
Concen: 55.01 ng
RT: 15.54 min Scan# 1173
Delta R.T. 0.02 min
Lab File: BF081832.D
Acq: 26 Sep 2015 17:25

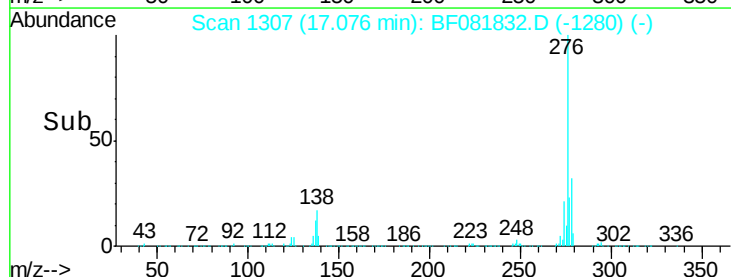
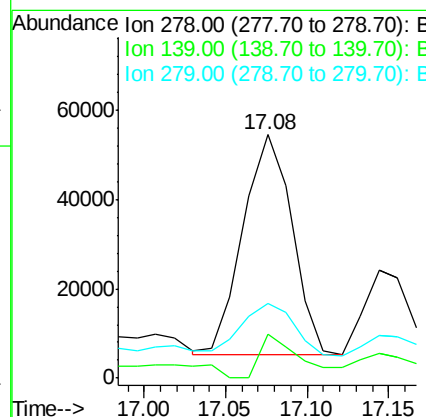
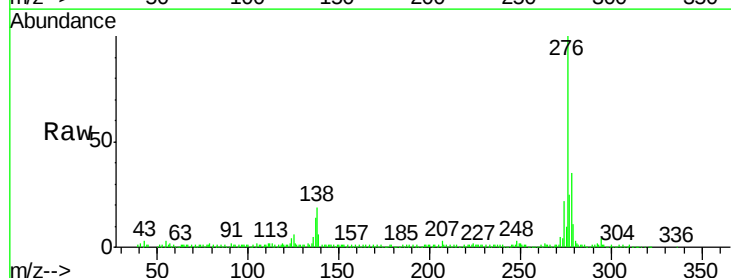
Instrument :
BNA_F
ClientSampleId :
MGP221BR-30-32

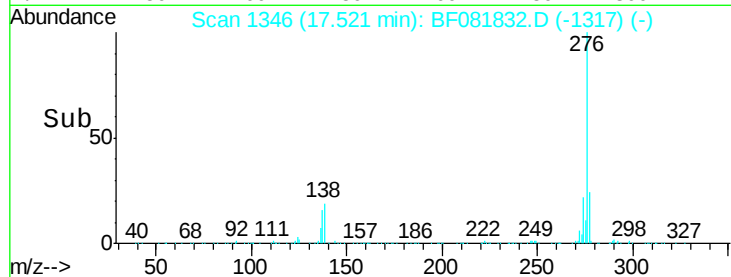
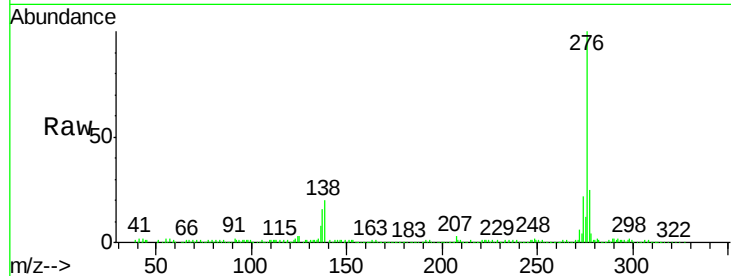
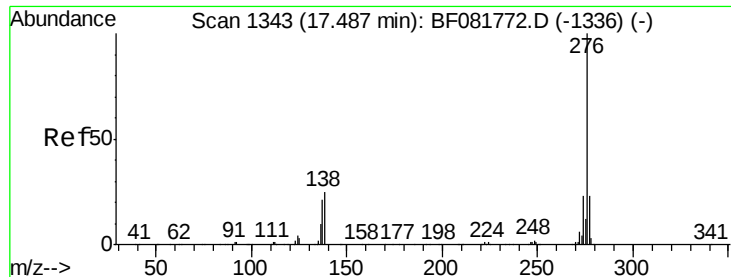
Tgt Ion: 252 Resp: 869851
Ion Ratio Lower Upper
252 100
253 23.8 17.2 25.8
125 11.0 18.0 27.0#



#90
Dibenzo(a,h)anthracene
Concen: 6.26 ng
RT: 17.08 min Scan# 1307
Delta R.T. 0.01 min
Lab File: BF081832.D
Acq: 26 Sep 2015 17:25

Tgt Ion: 278 Resp: 103108
Ion Ratio Lower Upper
278 100
139 17.9 26.3 39.5#
279 30.5 18.2 27.4#





#91

Benzo(g,h,i)perylene

Concen: 23.27 ng

RT: 17.52 min Scan# 1346

Delta R.T. 0.03 min

Lab File: BF081832.D

Acq: 26 Sep 2015 17:25

Instrument :

BNA_F

ClientSampleId :

MGP221BR-30-32

Tgt Ion: 276 Resp: 395353

Ion Ratio Lower Upper

276 100

277 24.8 17.8 26.6

138 20.1 34.6 51.8#

