

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090515\
 Data File : BF081499.D
 Acq On : 6 Sep 2015 9:41
 Operator : UM/IZ
 Sample : G3469-04DL 2X
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MGP207BR-25-25.5DL

Quant Time: Sep 07 01:54:52 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 01 17:35:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.35	152	50618	20.00	ng	-0.03
21) Naphthalene-d8	7.64	136	192321	20.00	ng	-0.03
38) Acenaphthene-d10	9.38	164	88784	20.00	ng	-0.03
63) Phenanthrene-d10	10.86	188	166157	20.00	ng	-0.02
75) Chrysene-d12	13.46	240	117917	20.00	ng	-0.03
86) Perylene-d12	14.77	264	86570	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	4.90	112	277160	84.95	ng	-0.02
7) Phenol-d6	6.02	99	351053	81.29	ng	-0.03
23) Nitrobenzene-d5	6.94	82	250009	62.72	ng	-0.03
41) 2,4,6-Tribromophenol	10.17	330	69292	87.65	ng	-0.03
44) 2-Fluorobiphenyl	8.73	172	411957	59.46	ng	-0.03
78) Terphenyl-d14	12.43	244	301931	59.61	ng	-0.03

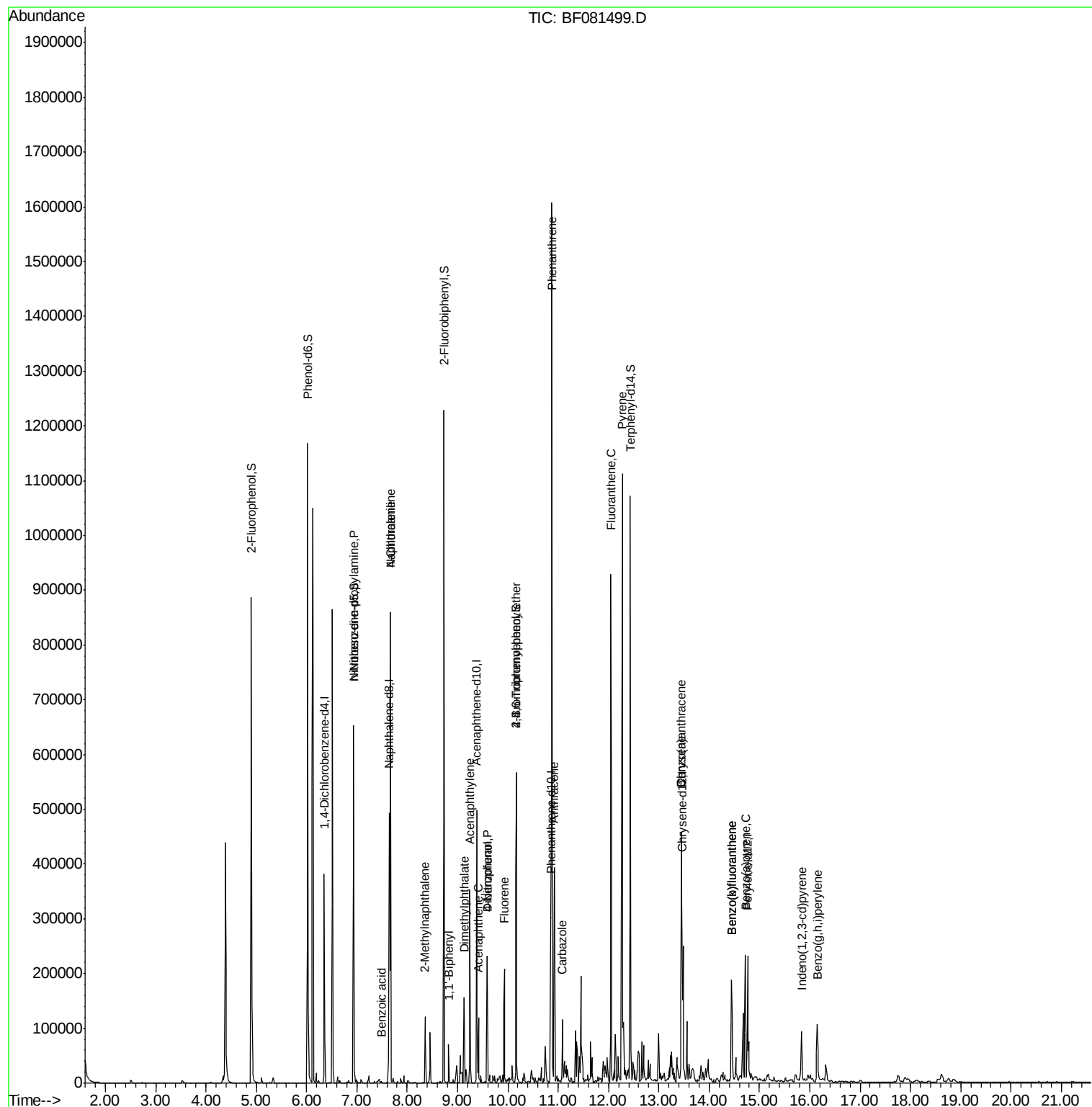
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	6.94	70	33743	11.48	ng	# 58
31) Naphthalene	7.67	128	336870	32.84	ng	98
32) Benzoic acid	7.48	122	859	2.91	ng	# 36
33) 4-Chloroaniline	7.67	127	43514	10.40	ng	# 34
37) 2-Methylnaphthalene	8.35	142	40534	6.07	ng	# 90
45) 1,1'-Biphenyl	8.82	154	20511	2.51	ng	99
48) Acenaphthylene	9.24	152	133451	12.75	ng	98
49) Dimethylphthalate	9.13	163	50233	7.28	ng	# 98
51) Acenaphthene	9.42	154	24947	4.19	ng	91
54) Dibenzofuran	9.59	168	81503	9.38	ng	# 87
55) 4-Nitrophenol	9.59	139	32378	28.92	ng	# 27
57) Fluorene	9.93	166	77997	11.82	ng	96
66) 4-Bromophenyl-phenylether	10.17	248	5034	3.00	ng	# 1
70) Phenanthrene	10.88	178	605621	65.56	ng	96
71) Anthracene	10.92	178	141491	14.91	ng	98
72) Carbazole	11.08	167	49731	5.58	ng	96
74) Fluoranthene	12.04	202	468375	46.84	ng	91
77) Pyrene	12.27	202	504461	57.75	ng	99
80) Benzo(a)anthracene	13.45	228	156636	20.86	ng	# 91
82) Chrysene	13.45	228	156636	23.27	ng	# 92
85) Indeno(1,2,3-cd)pyrene	15.84	276	65824	13.33	ng	# 79
87) Benzo(b)fluoranthene	14.45	252	149828	24.24	ng	# 87
88) Benzo(k)fluoranthene	14.45	252	149828	29.22	ng	# 87
89) Benzo(a)pyrene	14.72	252	93245	17.80	ng	# 83
91) Benzo(g,h,i)perylene	16.15	276	75124	19.45	ng	# 77

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

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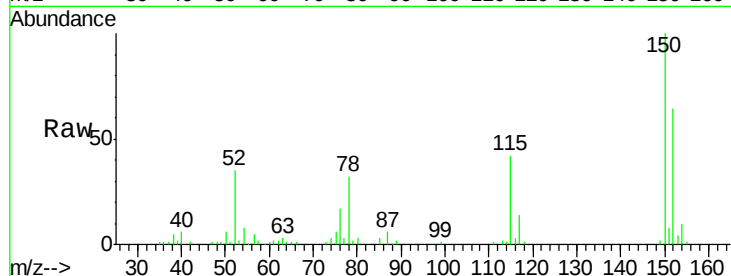


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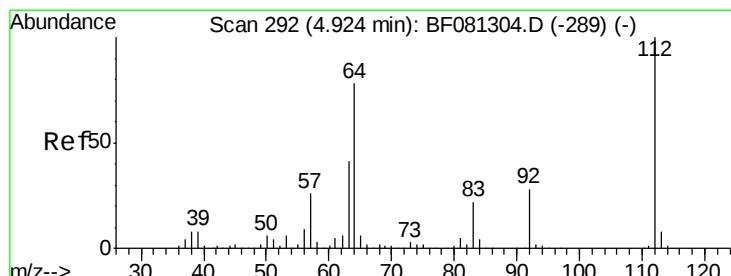
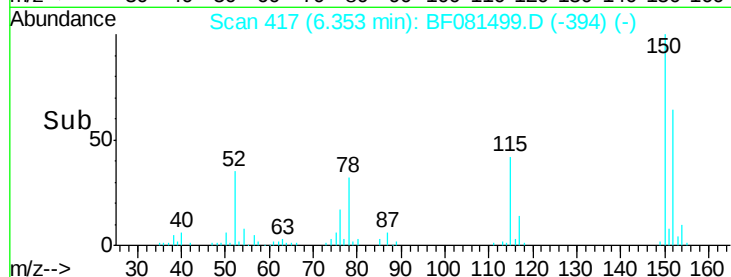
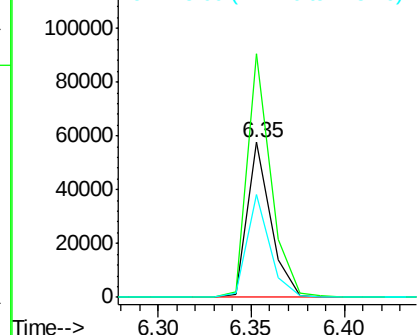
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.35 min Scan# 417
Delta R.T. -0.03 min
Lab File: BF081499.D
Acq: 6 Sep 2015 9:41

Instrument :
BNA_F
ClientSampleId :
MGP207BR-25-25.5DL

Tot Ion:152 Resp: 50618
Ion Ratio Lower Upper
152 100
150 157.3 124.7 187.1
115 66.7 39.0 58.4#



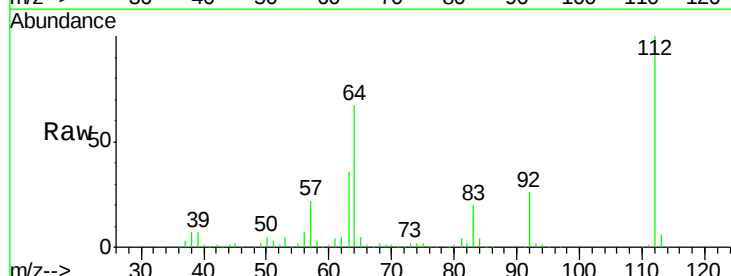
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



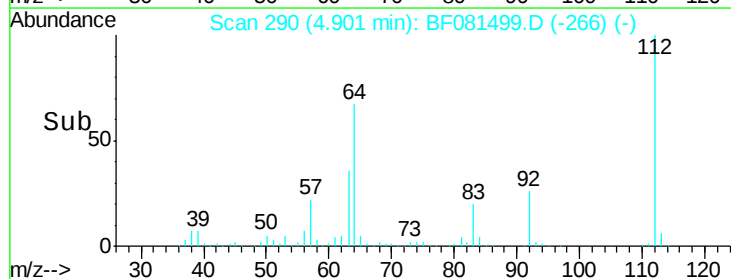
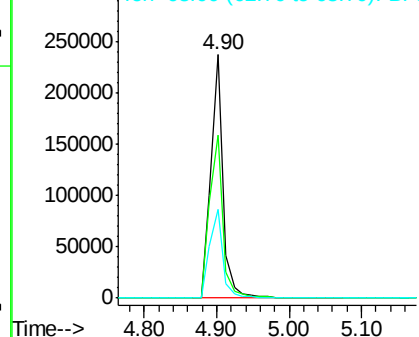
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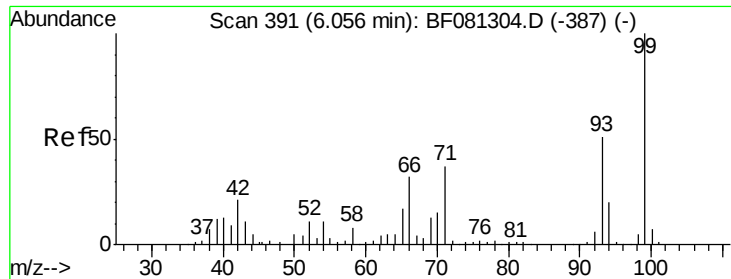
2-Fluorophenol
Concen: 84.95 ng
RT: 4.90 min Scan# 290
Delta R.T. -0.02 min
Lab File: BF081499.D
Acq: 6 Sep 2015 9:41

Tgt Ion:112 Resp: 277160
Ion Ratio Lower Upper
112 100
64 66.9 39.7 59.5#
63 36.4 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: 81.29 ng

RT: 6.02 min Scan# 388

Delta R.T. -0.03 min

Lab File: BF081499.D

Acq: 6 Sep 2015 9:41

Instrument :

BNA_F

ClientSampleId :

MGP207BR-25-25.5DL

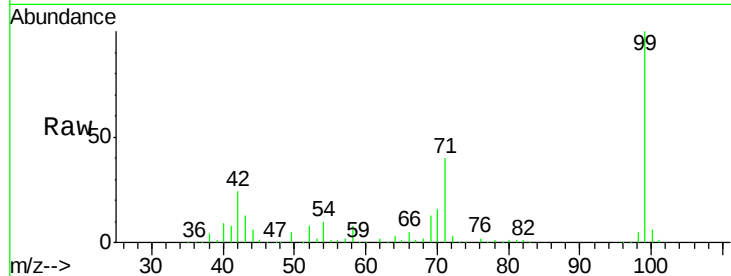
Tot Ion: 99 Resp: 351053

Ion Ratio Lower Upper

99 100

42 23.7 13.7 20.5#

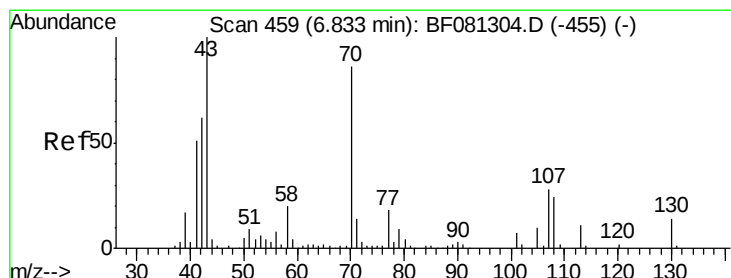
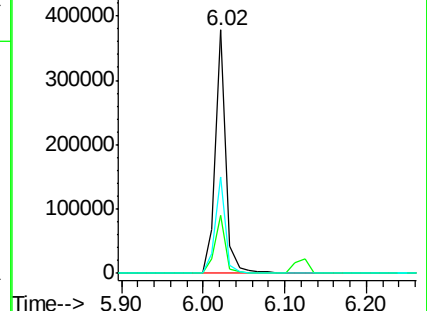
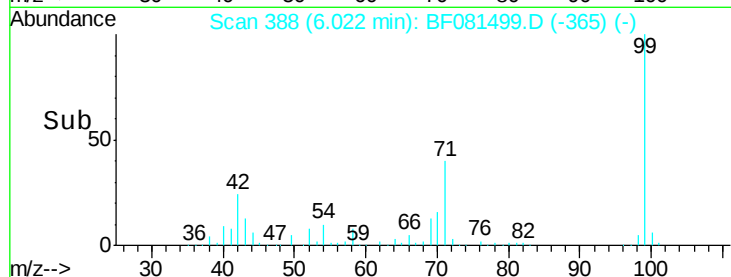
71 39.6 14.2 21.2#



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



#19

n-Nitroso-di-n-propylamine

Concen: 11.48 ng

RT: 6.94 min Scan# 468

Delta R.T. 0.10 min

Lab File: BF081499.D

Acq: 6 Sep 2015 9:41

Tgt Ion: 70 Resp: 33743

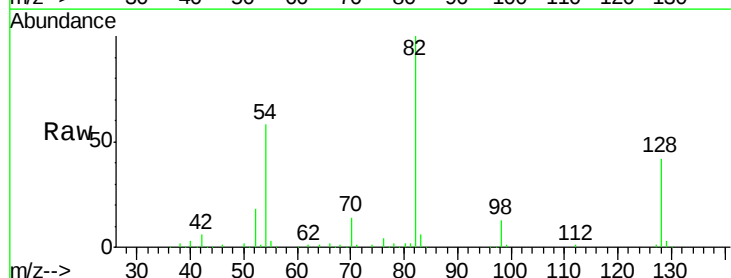
Ion Ratio Lower Upper

70 100

42 46.3 63.8 95.6#

101 0.0 9.2 13.8#

130 1.5 27.3 40.9#

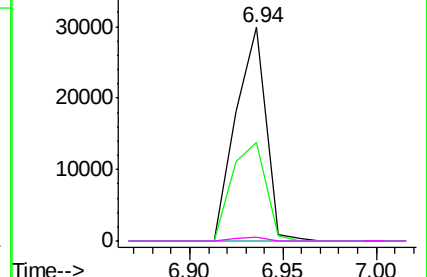
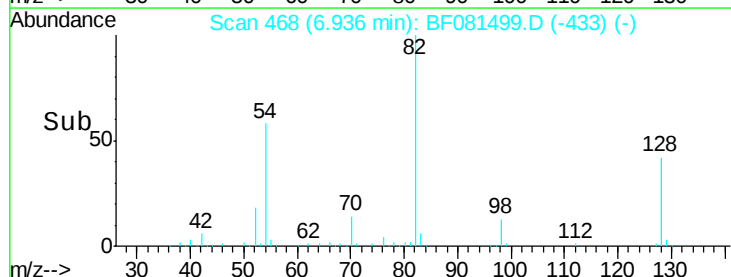


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.64 min Scan# 530

Delta R.T. -0.03 min

Lab File: BF081499.D

Acq: 6 Sep 2015 9:41

Instrument :

BNA_F

ClientSampleId :

MGP207BR-25-25.5DL

Tot Ion:136 Resp: 192321

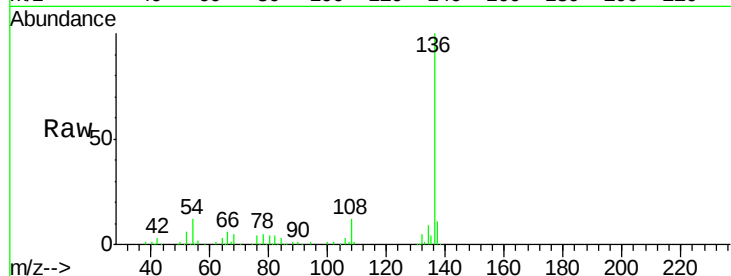
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.6

54 12.4 8.2 12.2#

68 5.4 5.8 8.6#

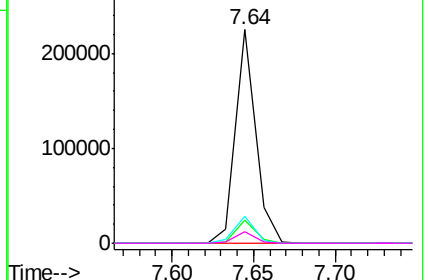
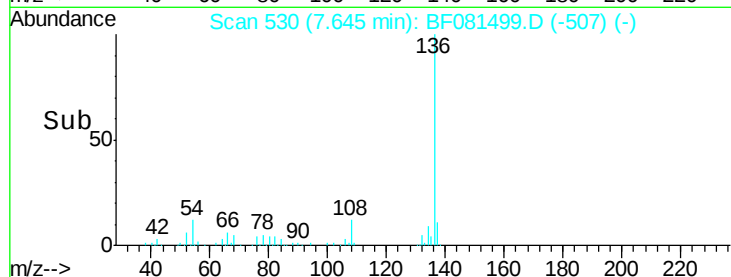


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 62.72 ng

RT: 6.94 min Scan# 468

Delta R.T. -0.03 min

Lab File: BF081499.D

Acq: 6 Sep 2015 9:41

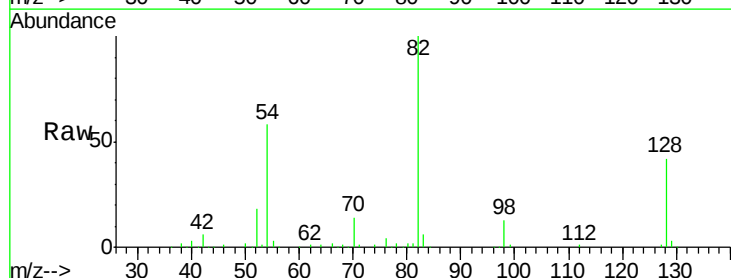
Tgt Ion: 82 Resp: 250009

Ion Ratio Lower Upper

82 100

128 42.5 51.0 76.6#

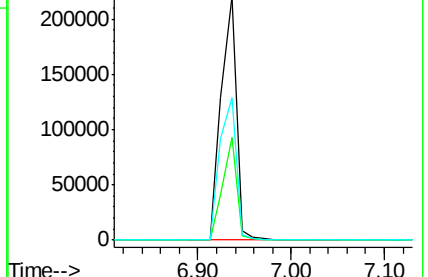
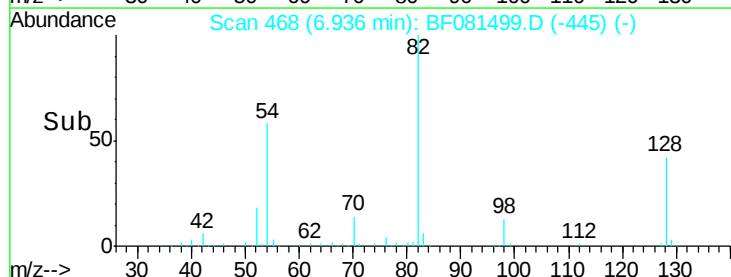
54 58.3 47.5 71.3

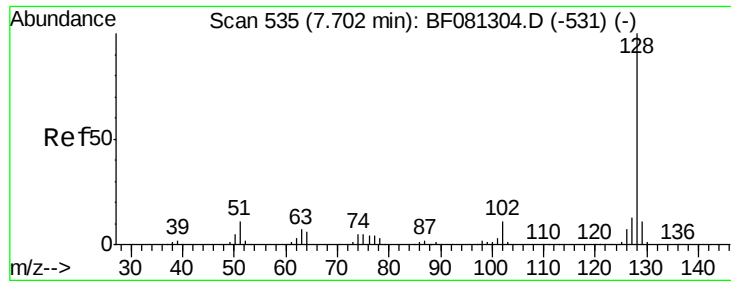


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

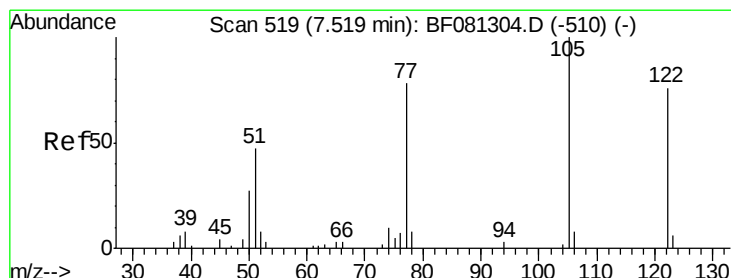
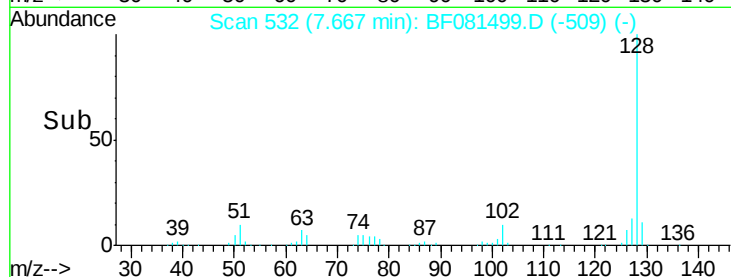
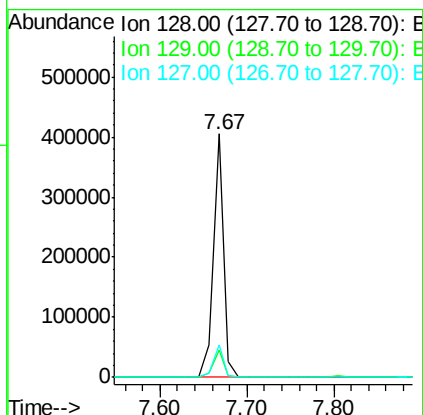
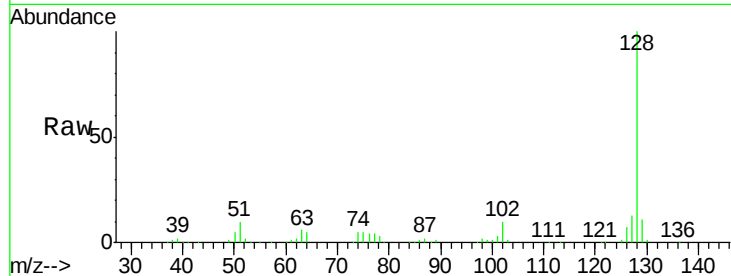




#31
Naphthalene
Concen: 32.84 ng
RT: 7.67 min Scan# 532
Delta R.T. -0.03 min
Lab File: BF081499.D
Acq: 6 Sep 2015 9:41

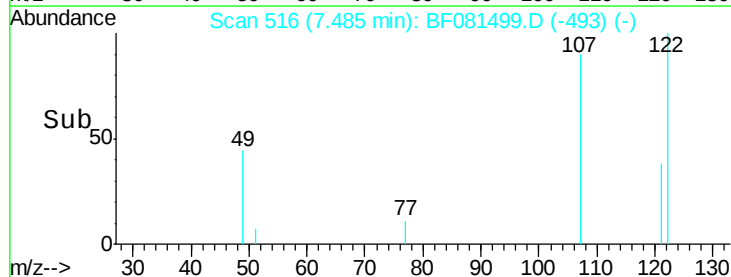
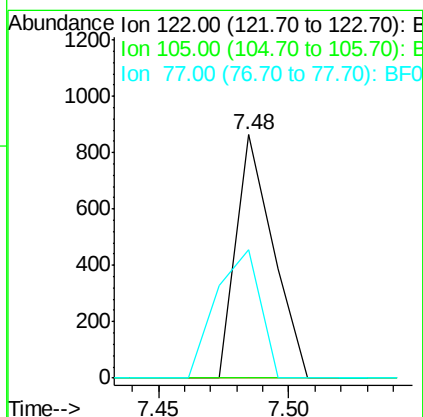
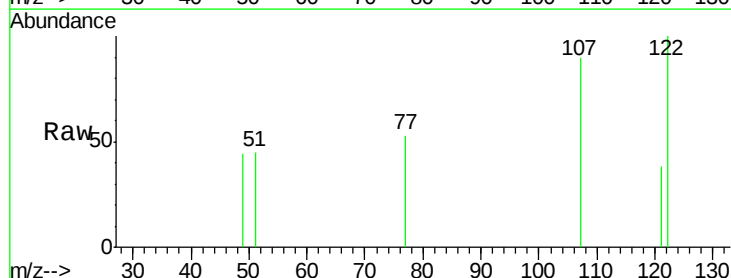
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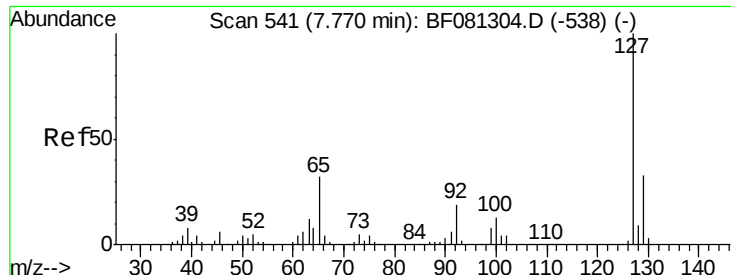
Tot Ion:128 Resp: 336870
Ion Ratio Lower Upper
128 100
129 11.1 8.4 12.6
127 13.2 9.9 14.9



#32
Benzoic acid
Concen: 2.91 ng
RT: 7.48 min Scan# 516
Delta R.T. -0.03 min
Lab File: BF081499.D
Acq: 6 Sep 2015 9:41

Tgt Ion:122 Resp: 859
Ion Ratio Lower Upper
122 100
105 0.0 76.1 116.1#
77 52.8 40.5 80.5

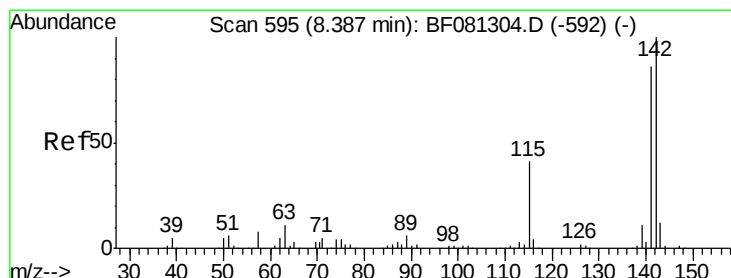
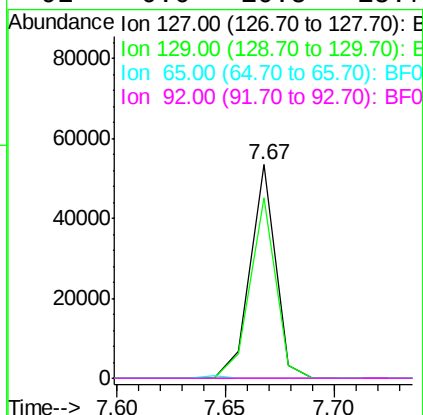
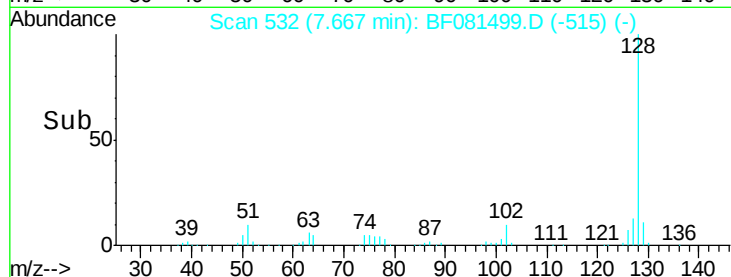
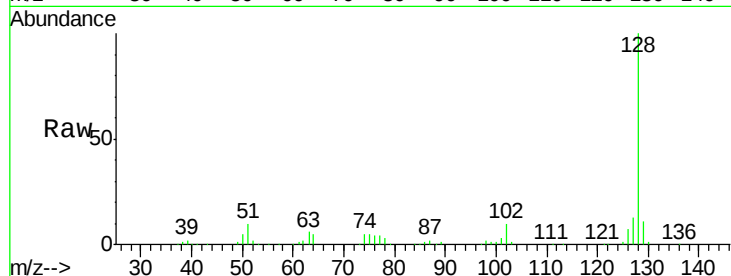




#33
4-Chloroaniline
Concen: 10.40 ng
RT: 7.67 min Scan# 532
Delta R.T. -0.10 min
Lab File: BF081499.D
Acq: 6 Sep 2015 9:41

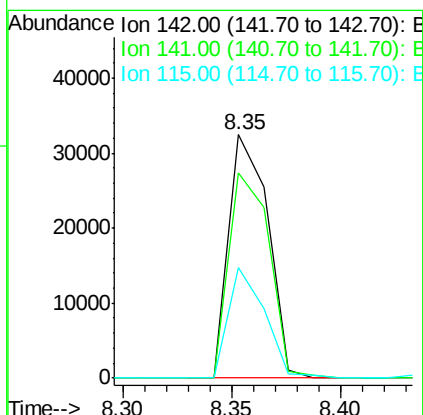
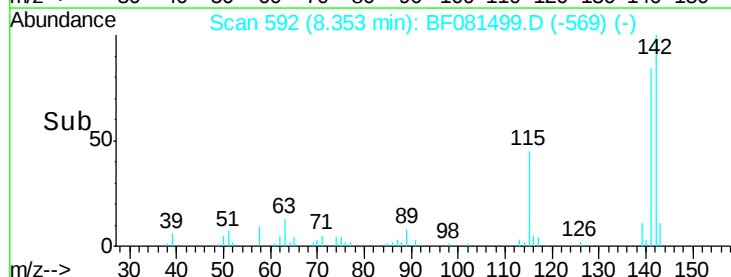
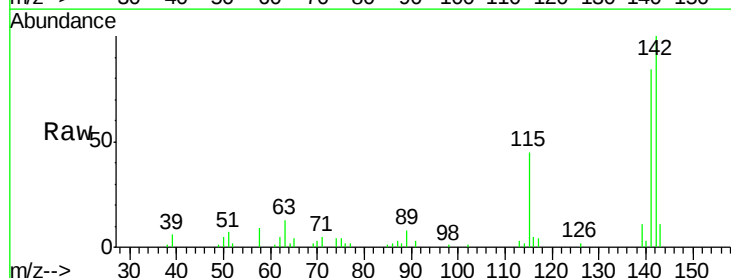
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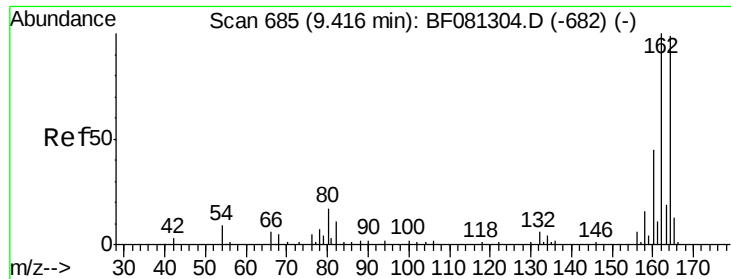
Tot Ion:127 Resp: 43514
Ion Ratio Lower Upper
127 100
129 84.5 25.8 38.6#
65 0.0 17.9 26.9#
92 0.0 10.5 15.7#



#37
2-Methylnaphthalene
Concen: 6.07 ng
RT: 8.35 min Scan# 592
Delta R.T. -0.03 min
Lab File: BF081499.D
Acq: 6 Sep 2015 9:41

Tgt Ion:142 Resp: 40534
Ion Ratio Lower Upper
142 100
141 84.5 67.5 101.3
115 45.3 18.2 27.2#

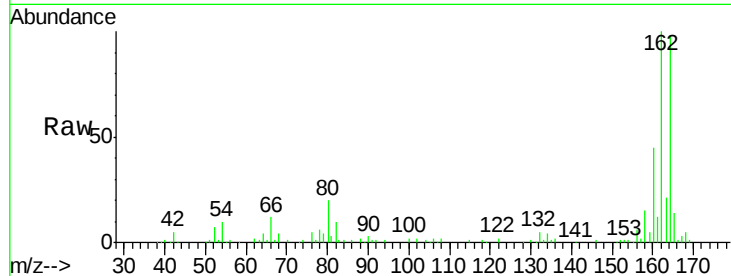




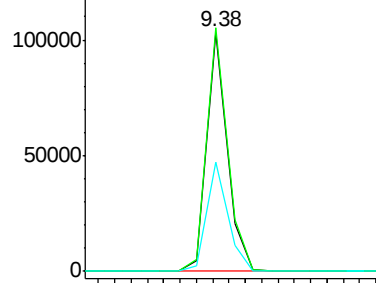
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Acenaphthene-d10
Concen: 20.00 ng
RT: 9.38 min Scan# 682
Delta R.T. -0.03 min
Lab File: BF081499.D
Acq: 6 Sep 2015 9:41

Instrument :
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ClientSampleId :
MGP207BR-25-25.5DL

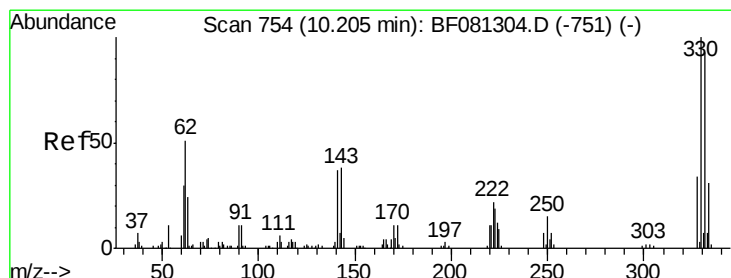
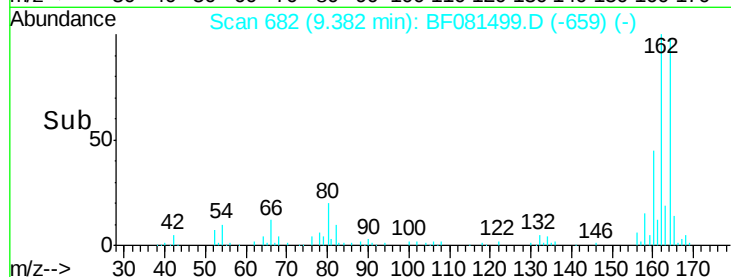
Tot Ion:164 Resp: 88784
Ion Ratio Lower Upper
164 100
162 102.0 75.2 112.8
160 45.7 31.5 47.3



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

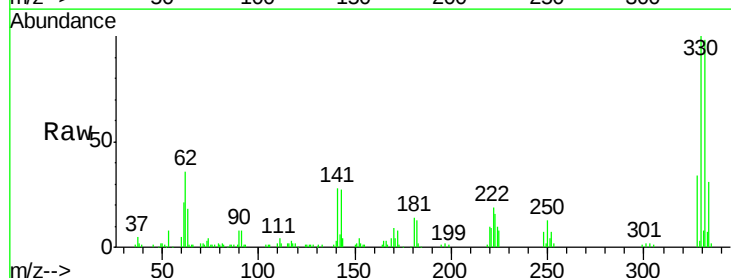


Time-->

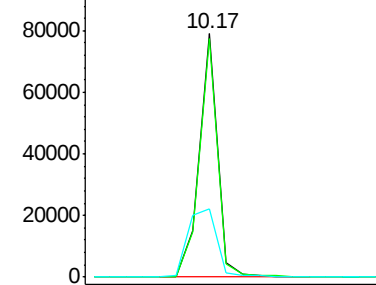


#41
2,4,6-Tribromophenol
Concen: 87.65 ng
RT: 10.17 min Scan# 751
Delta R.T. -0.03 min
Lab File: BF081499.D
Acq: 6 Sep 2015 9:41

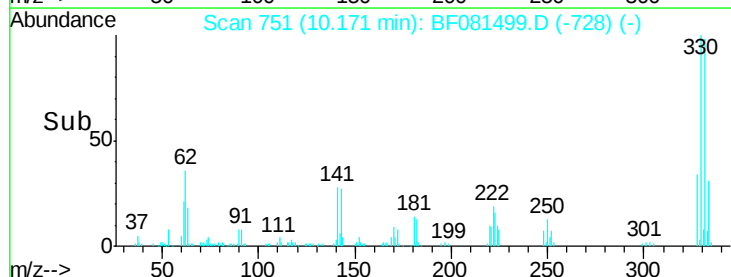
Tgt Ion:330 Resp: 69292
Ion Ratio Lower Upper
330 100
332 96.9 76.6 114.8
141 44.2 29.7 44.5

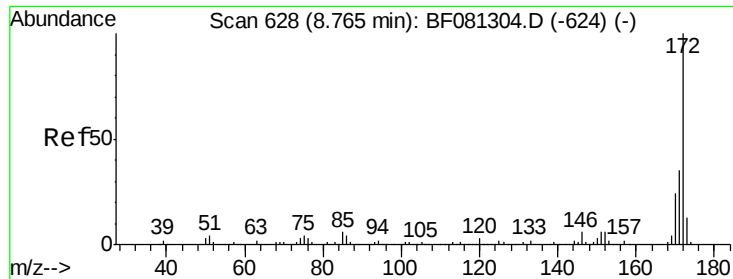


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



Time-->

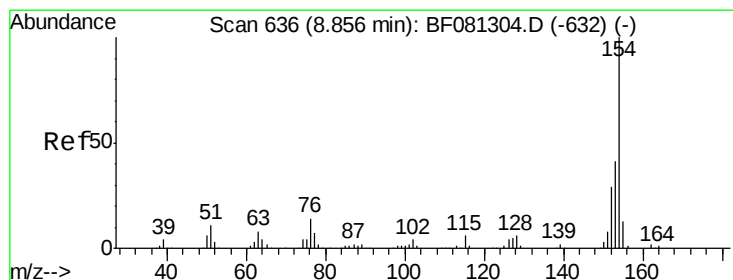
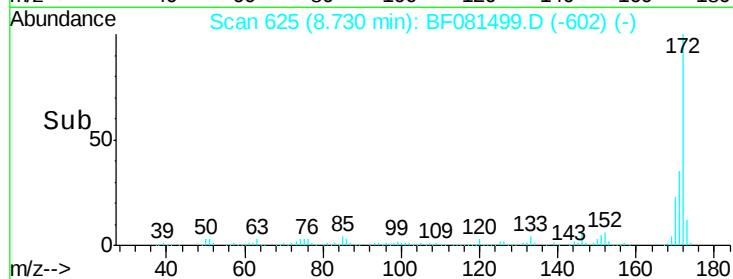
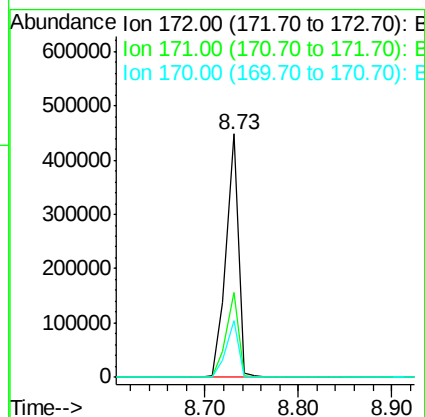
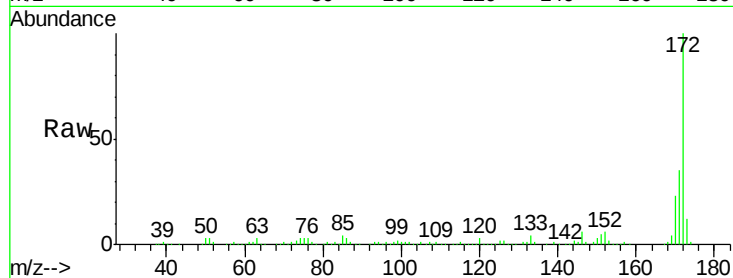




#44
 2-Fluorobiphenyl
 Concen: 59.46 ng
 RT: 8.73 min Scan# 625
 Delta R.T. -0.03 min
 Lab File: BF081499.D
 Acq: 6 Sep 2015 9:41

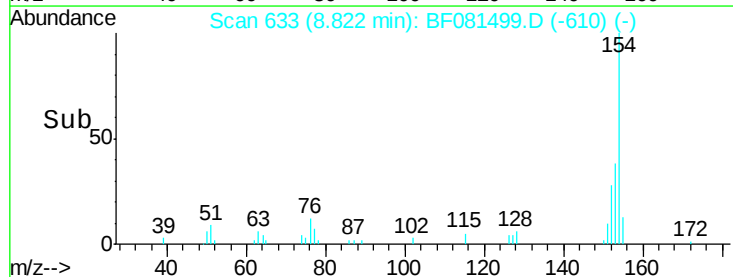
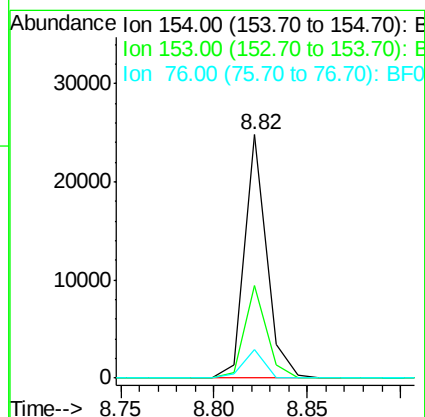
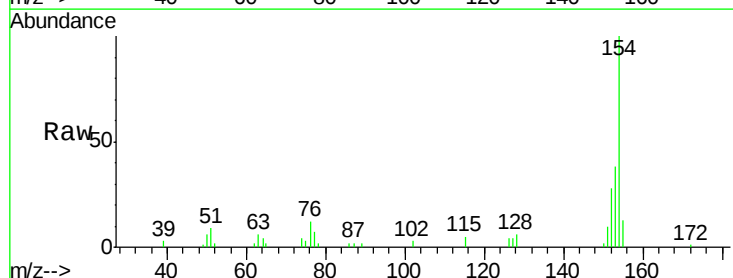
Instrument :
 BNA_F
 ClientSampleId :
 MGP207BR-25-25.5DL

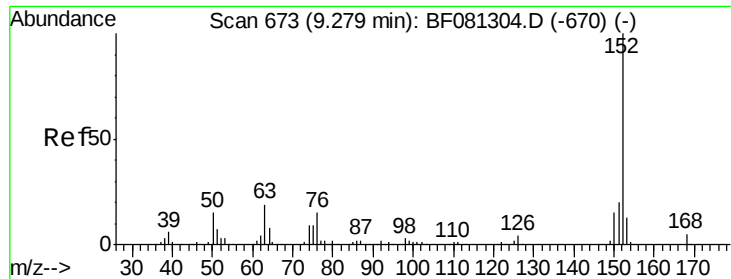
Tot Ion:172 Resp: 411957
 Ion Ratio Lower Upper
 172 100
 171 35.0 26.1 39.1
 170 23.5 17.4 26.2



#45
 1,1'-Biphenyl
 Concen: 2.51 ng
 RT: 8.82 min Scan# 633
 Delta R.T. -0.03 min
 Lab File: BF081499.D
 Acq: 6 Sep 2015 9:41

Tgt Ion:154 Resp: 20511
 Ion Ratio Lower Upper
 154 100
 153 38.2 17.1 57.1
 76 11.5 0.0 31.6





#48

Acenaphthylene

Concen: 12.75 ng

RT: 9.24 min Scan# 670

Delta R.T. -0.03 min

Lab File: BF081499.D

Acq: 6 Sep 2015 9:41

Instrument :

BNA_F

ClientSampleId :

MGP207BR-25-25.5DL

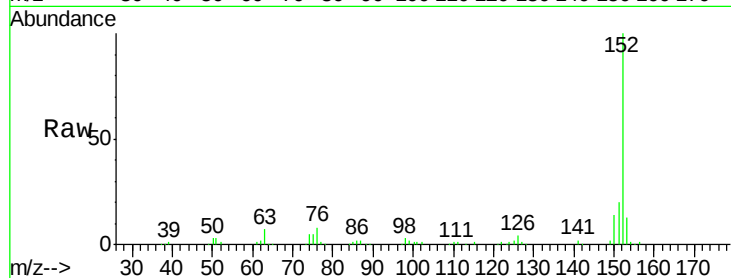
Tot Ion:152 Resp: 133451

Ion Ratio Lower Upper

152 100

151 19.9 14.6 22.0

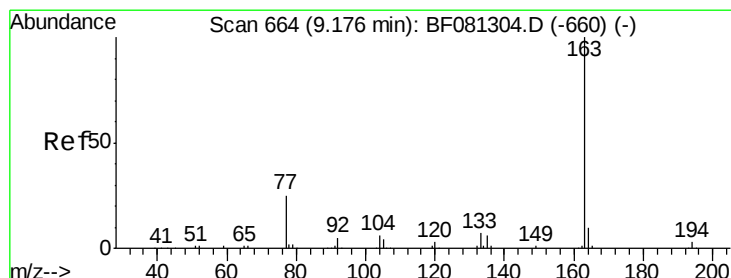
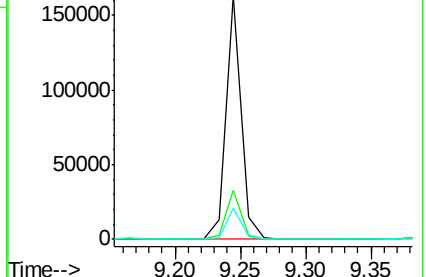
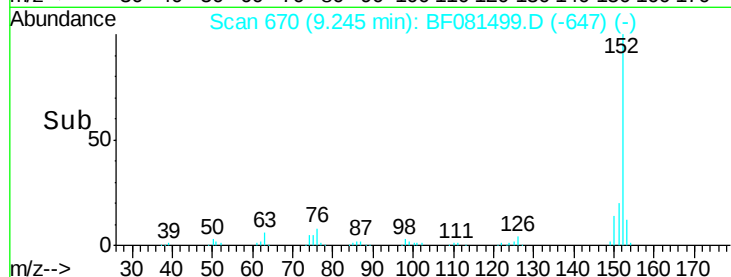
153 12.9 10.3 15.5



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: 7.28 ng

RT: 9.13 min Scan# 660

Delta R.T. -0.05 min

Lab File: BF081499.D

Acq: 6 Sep 2015 9:41

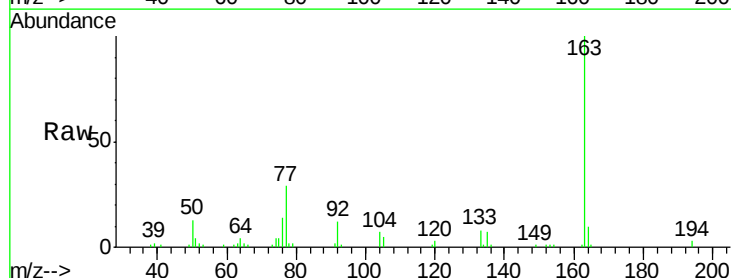
Tgt Ion:163 Resp: 50233

Ion Ratio Lower Upper

163 100

194 3.4 4.4 6.6#

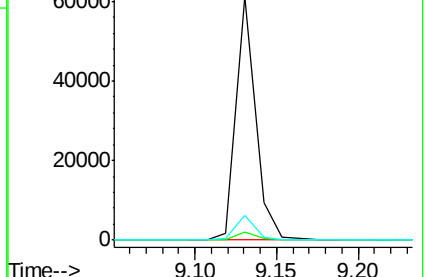
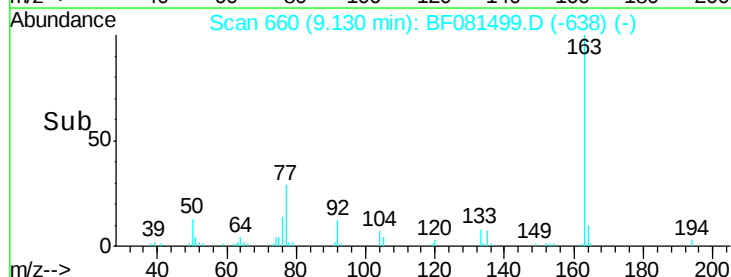
164 10.2 8.3 12.5

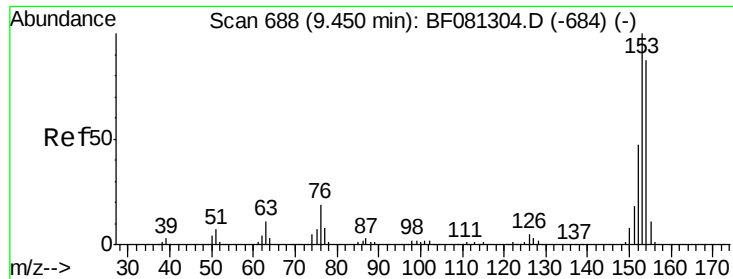


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 4.19 ng

RT: 9.42 min Scan# 685

Delta R.T. -0.03 min

Lab File: BF081499.D

Acq: 6 Sep 2015 9:41

Instrument :

BNA_F

ClientSampleId :

MGP207BR-25-25.5DL

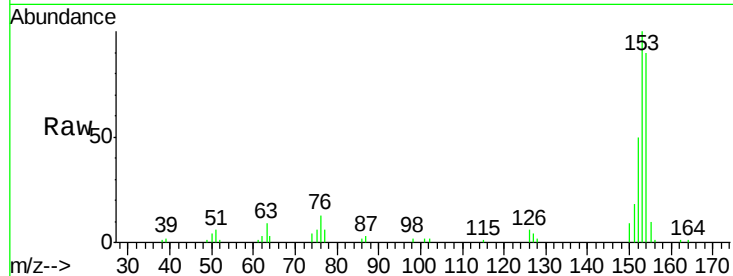
Tot Ion:154 Resp: 24947

Ion Ratio Lower Upper

154 100

153 111.2 82.1 123.1

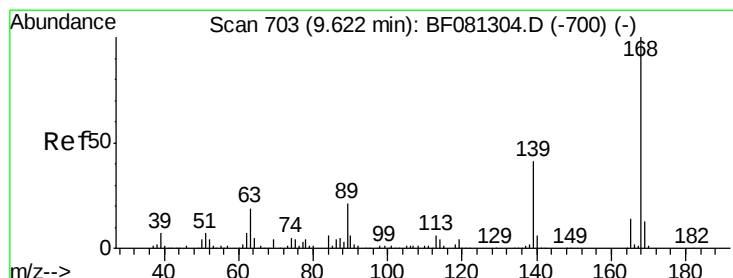
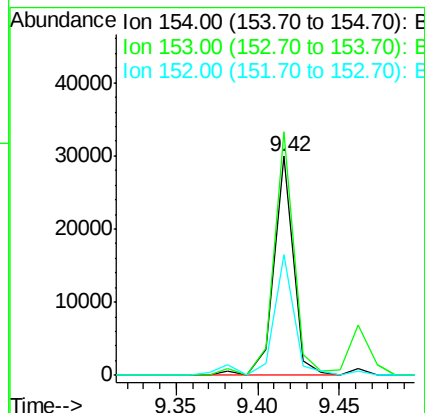
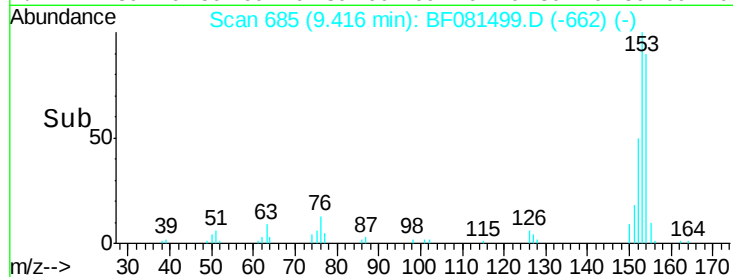
152 55.1 37.9 56.9



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



#54

Dibenzofuran

Concen: 9.38 ng

RT: 9.59 min Scan# 700

Delta R.T. -0.03 min

Lab File: BF081499.D

Acq: 6 Sep 2015 9:41

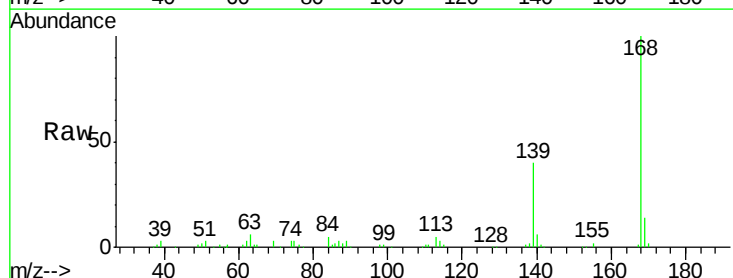
Tgt Ion:168 Resp: 81503

Ion Ratio Lower Upper

168 100

139 39.9 24.2 36.2#

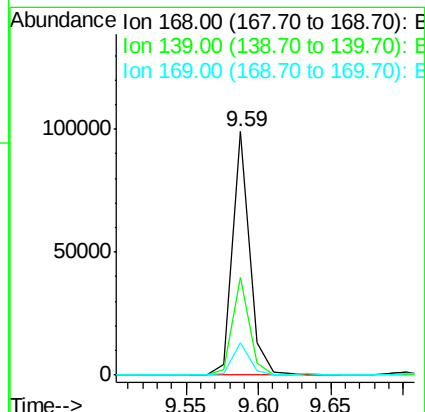
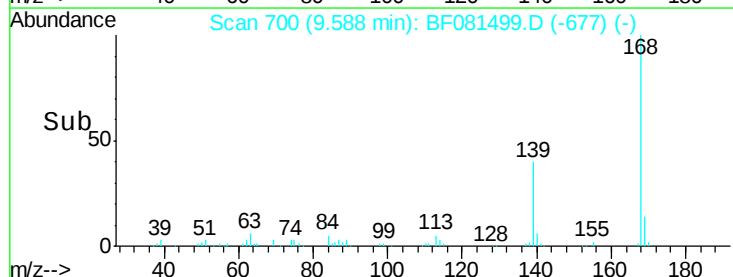
169 13.6 10.6 15.8

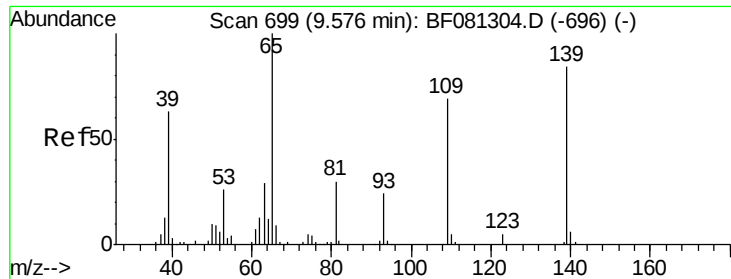


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

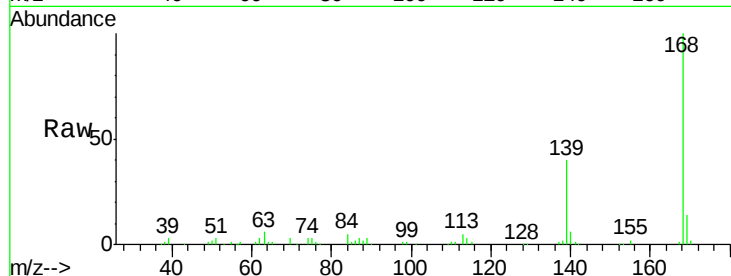




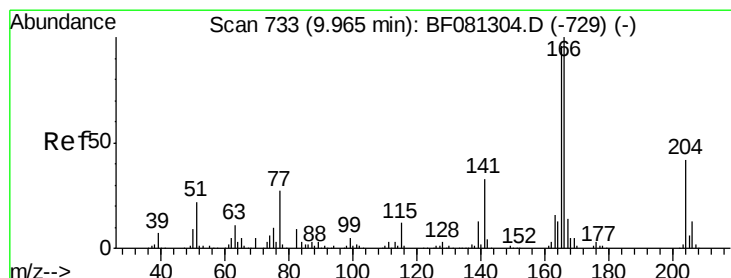
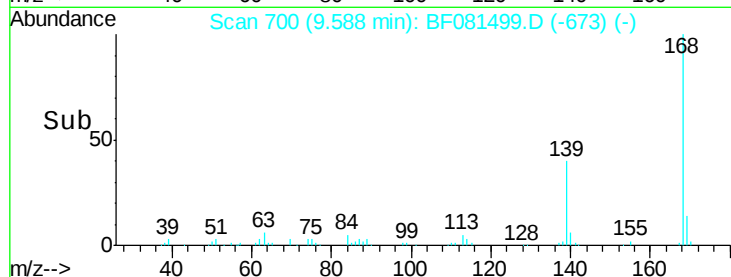
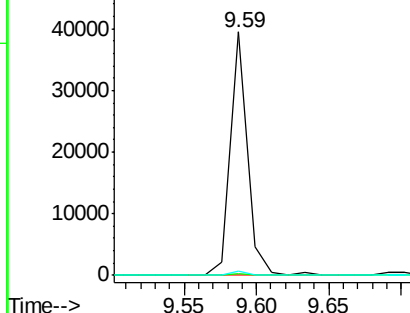
#55
4-Nitrophenol
Concen: 28.92 ng
RT: 9.59 min Scan# 700
Delta R.T. 0.01 min
Lab File: BF081499.D
Acq: 6 Sep 2015 9:41

Instrument :
BNA_F
ClientSampleId :
MGP207BR-25-25.5DL

Tot Ion	Ratio	Lower	Upper
139	100		
109	0.9	12.7	52.7#
65	2.0	45.9	85.9#

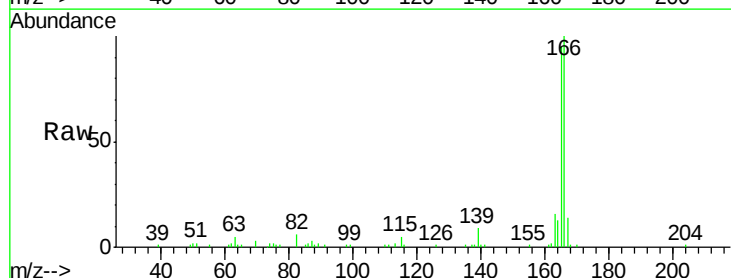


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

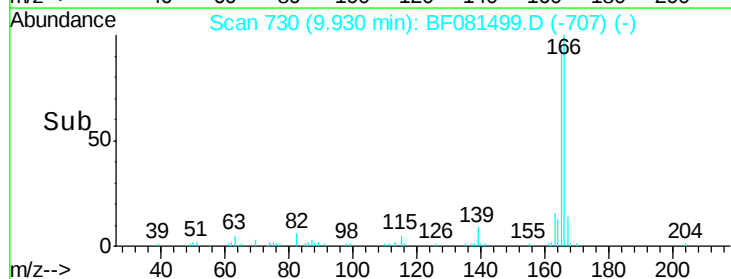
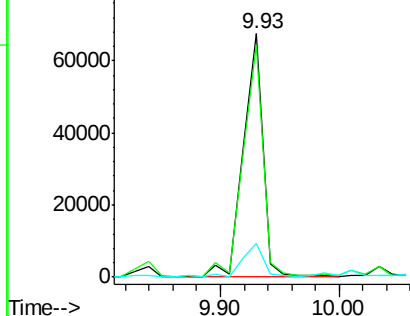


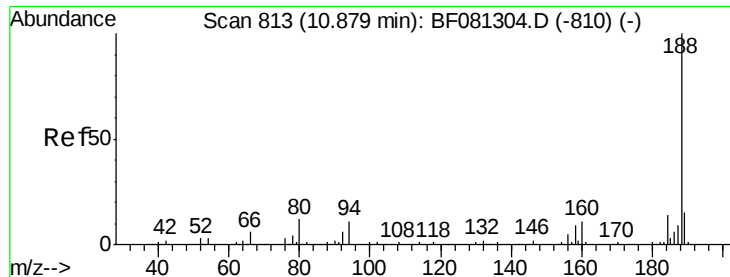
#57
Fluorene
Concen: 11.82 ng
RT: 9.93 min Scan# 730
Delta R.T. -0.03 min
Lab File: BF081499.D
Acq: 6 Sep 2015 9:41

Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.3	72.6	109.0
167	13.9	10.6	16.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

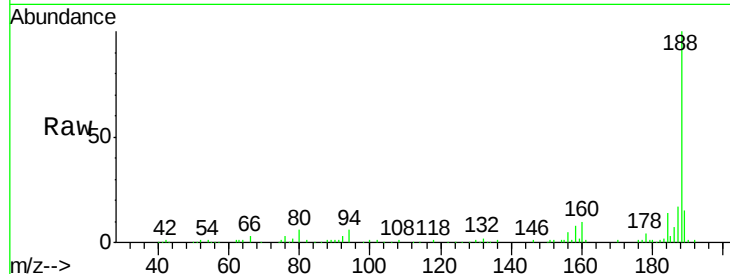




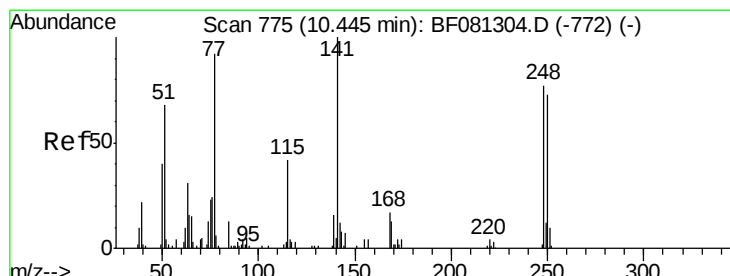
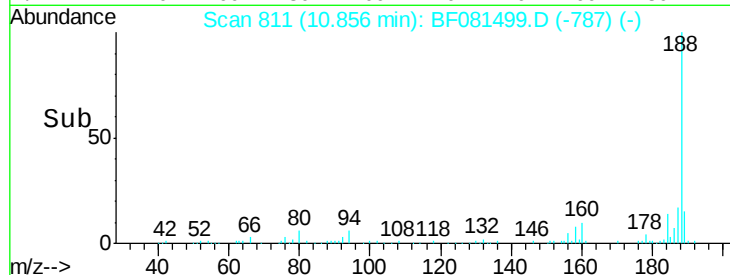
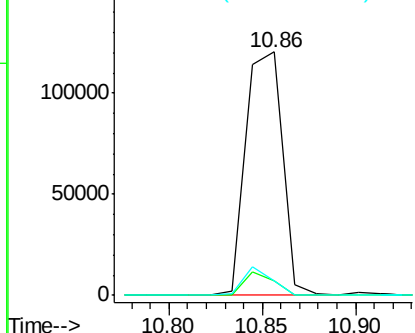
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.86 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF081499.D
Acq: 6 Sep 2015 9:41

Instrument :
BNA_F
ClientSampleId :
MGP207BR-25-25.5DL

Tot Ion:188 Resp: 166157
Ion Ratio Lower Upper
188 100
94 5.8 11.1 16.7#
80 5.9 11.0 16.4#

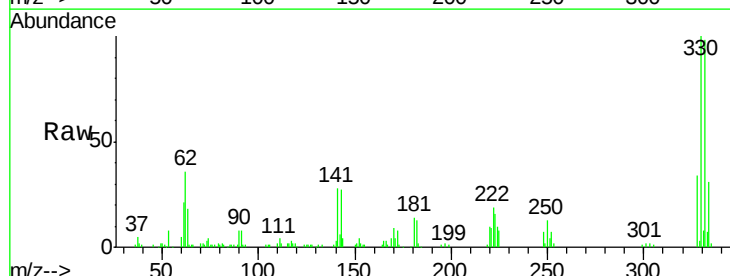


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

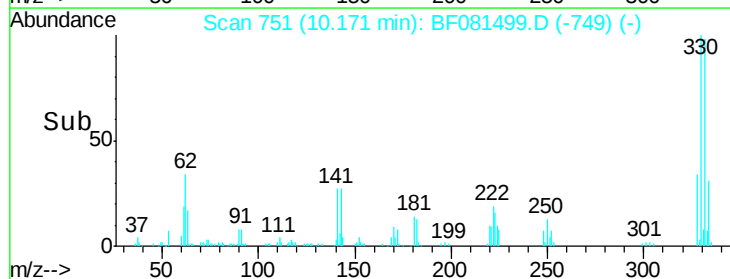
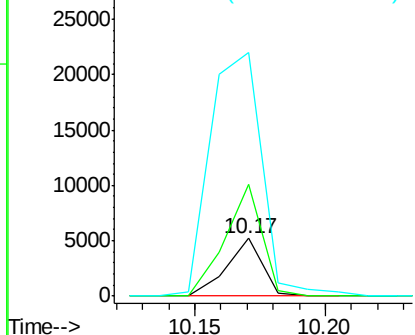


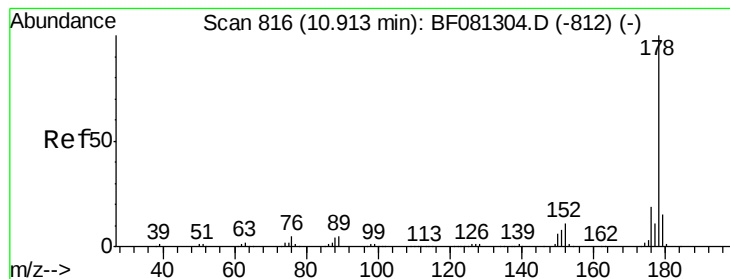
#66
4-Bromophenyl-phenylether
Concen: 3.00 ng
RT: 10.17 min Scan# 751
Delta R.T. -0.27 min
Lab File: BF081499.D
Acq: 6 Sep 2015 9:41

Tgt Ion:248 Resp: 5034
Ion Ratio Lower Upper
248 100
250 194.4 78.5 117.7#
141 423.4 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





#70

Phenanthrene

Concen: 65.56 ng

RT: 10.88 min Scan# 813

Delta R.T. -0.03 min

Lab File: BF081499.D

Acq: 6 Sep 2015 9:41

Instrument :

BNA_F

ClientSampleId :

MGP207BR-25-25.5DL

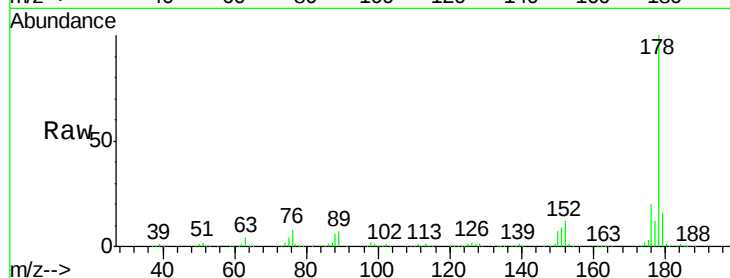
Tot Ion:178 Resp: 605621

Ion Ratio Lower Upper

178 100

176 19.9 13.8 20.8

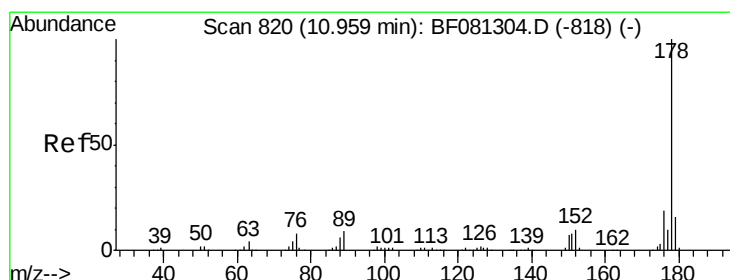
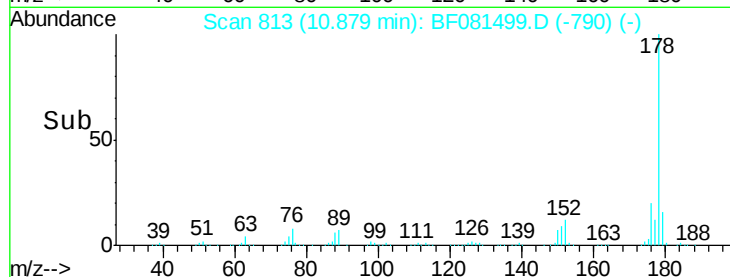
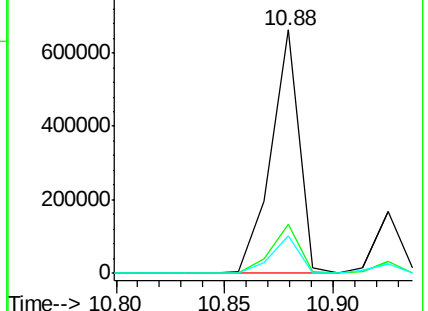
179 15.6 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 14.91 ng

RT: 10.92 min Scan# 817

Delta R.T. -0.03 min

Lab File: BF081499.D

Acq: 6 Sep 2015 9:41

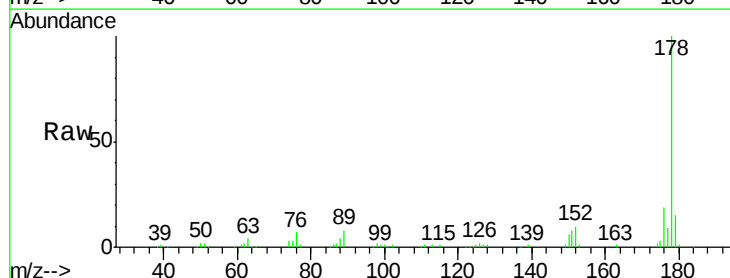
Tgt Ion:178 Resp: 141491

Ion Ratio Lower Upper

178 100

176 19.1 14.1 21.1

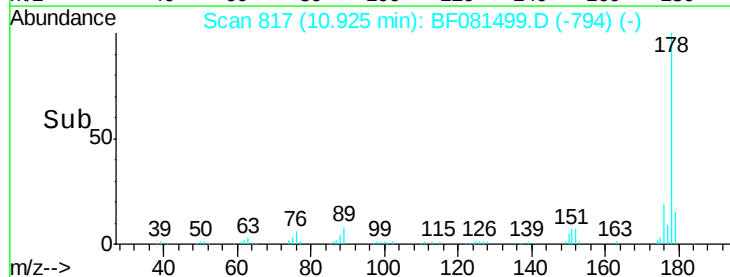
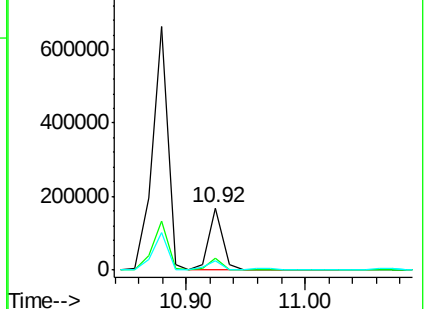
179 15.1 12.2 18.2

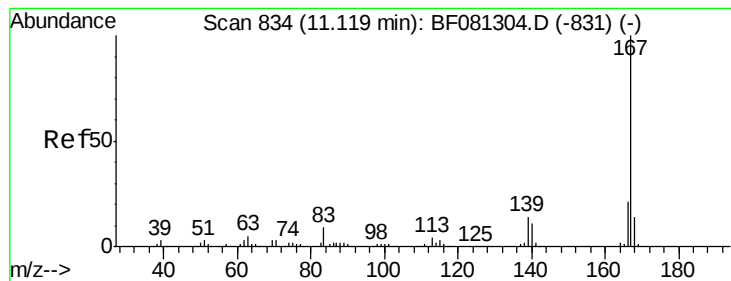


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 5.58 ng

RT: 11.08 min Scan# 831

Delta R.T. -0.03 min

Lab File: BF081499.D

Acq: 6 Sep 2015 9:41

Instrument :

BNA_F

ClientSampleId :

MGP207BR-25-25.5DL

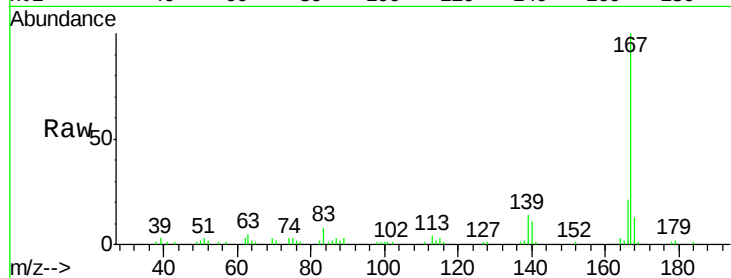
Tot Ion:167 Resp: 49731

Ion Ratio Lower Upper

167 100

166 21.1 15.7 23.5

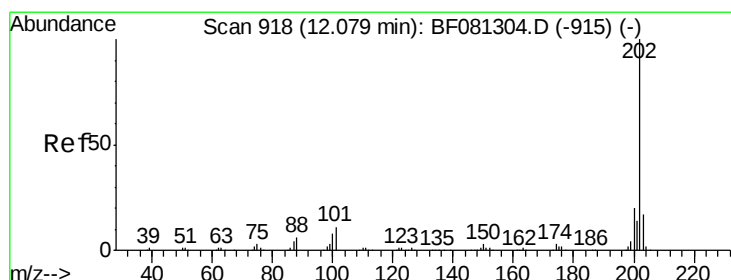
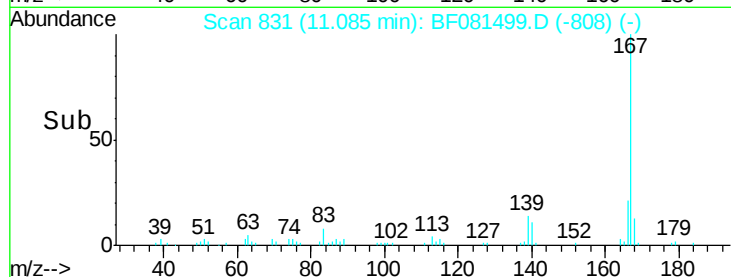
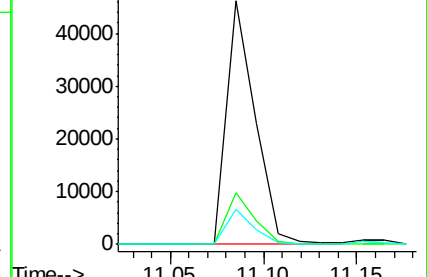
139 14.2 9.5 14.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Fluoranthene

Concen: 46.84 ng

RT: 12.04 min Scan# 915

Delta R.T. -0.03 min

Lab File: BF081499.D

Acq: 6 Sep 2015 9:41

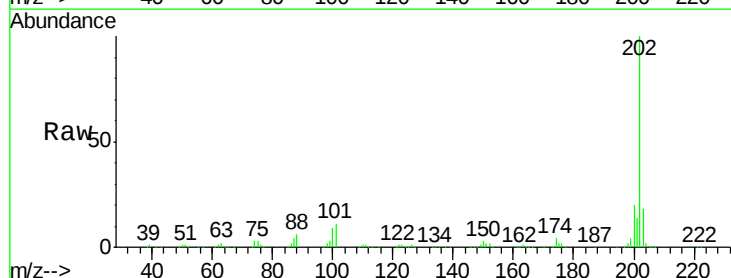
Tgt Ion:202 Resp: 468375

Ion Ratio Lower Upper

202 100

101 10.9 0.0 38.3

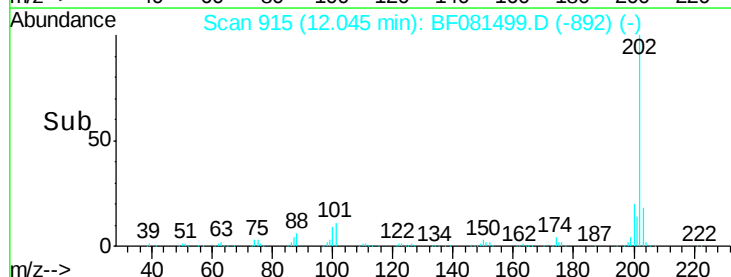
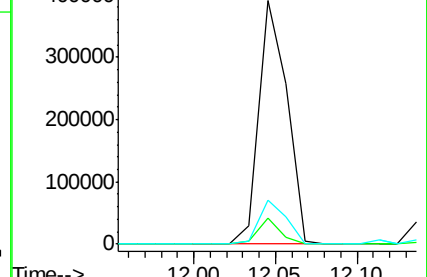
203 17.9 0.0 37.3

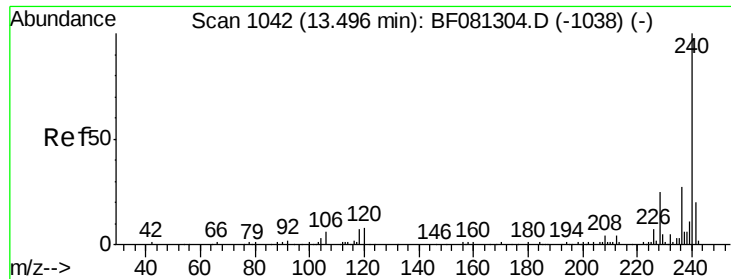


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.46 min Scan# 1039

Delta R.T. -0.03 min

Lab File: BF081499.D

Acq: 6 Sep 2015 9:41

Instrument :

BNA_F

ClientSampleId :

MGP207BR-25-25.5DL

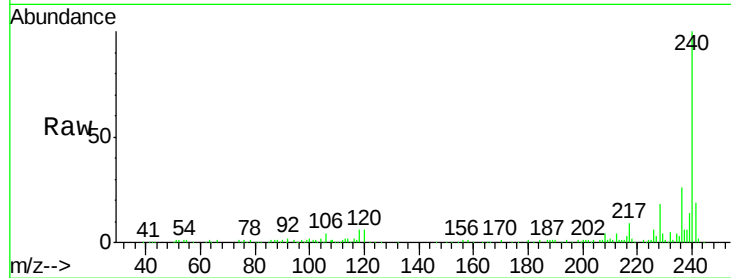
Tot Ion:240 Resp: 117917

Ion Ratio Lower Upper

240 100

120 5.8 16.2 24.2#

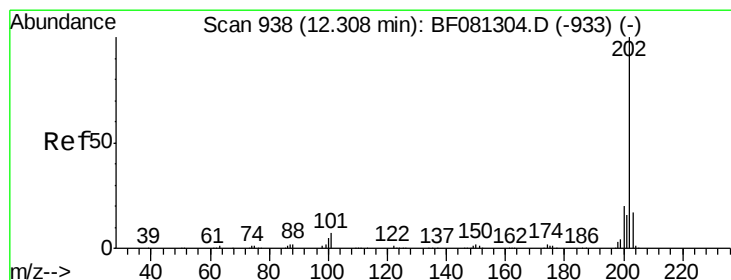
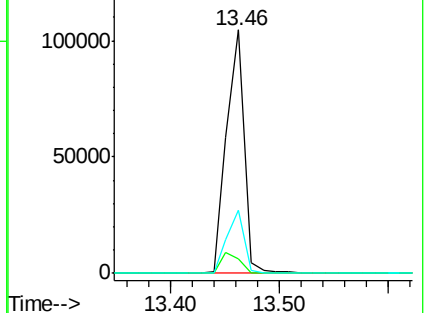
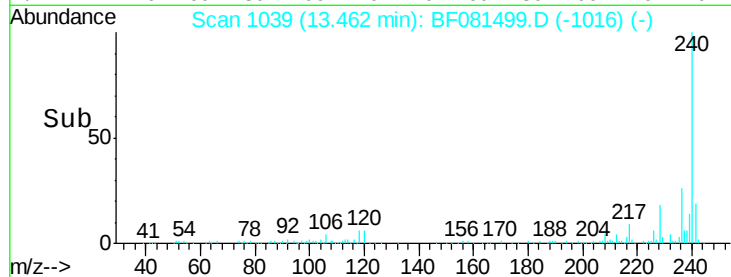
236 26.1 18.4 27.6



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: 57.75 ng

RT: 12.27 min Scan# 935

Delta R.T. -0.03 min

Lab File: BF081499.D

Acq: 6 Sep 2015 9:41

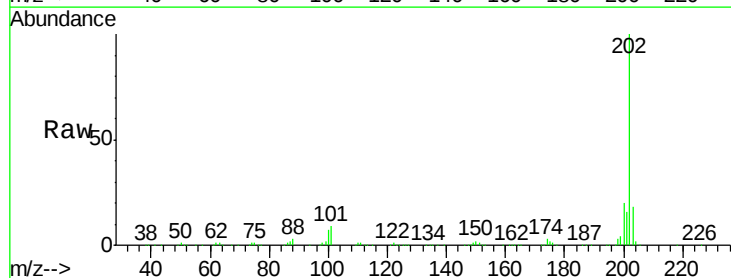
Tgt Ion:202 Resp: 504461

Ion Ratio Lower Upper

202 100

200 19.7 15.0 22.4

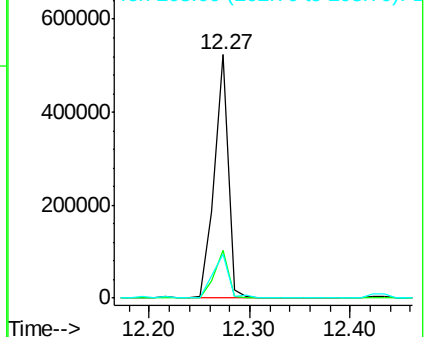
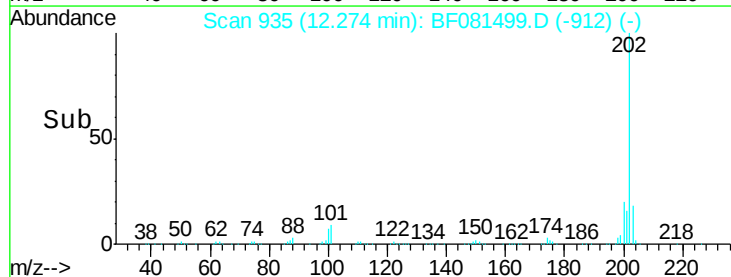
203 17.9 14.1 21.1

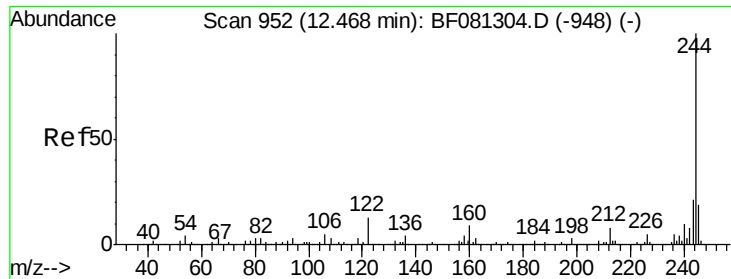


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

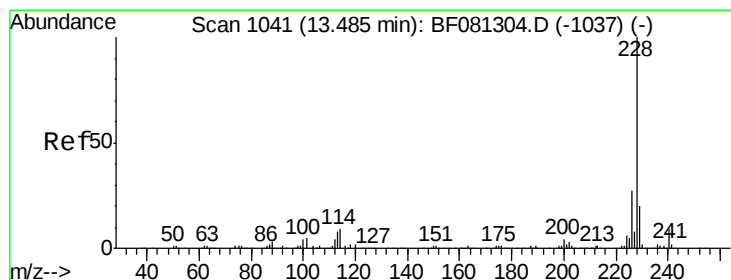
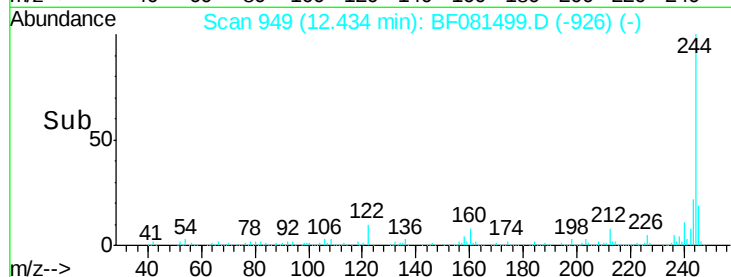
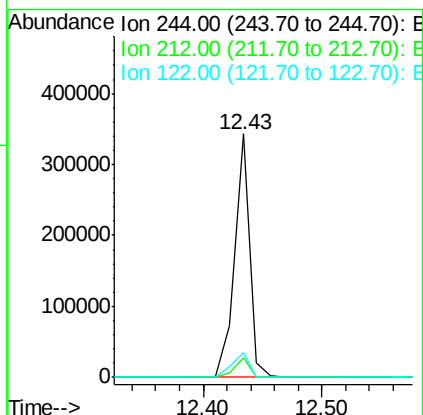
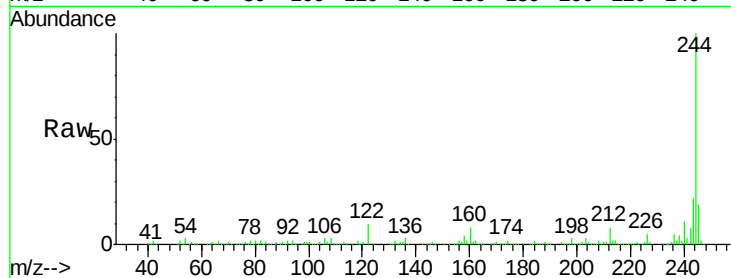




#78
 Terphenyl-d14
 Concen: 59.61 ng
 RT: 12.43 min Scan# 949
 Delta R.T. -0.03 min
 Lab File: BF081499.D
 Acq: 6 Sep 2015 9:41

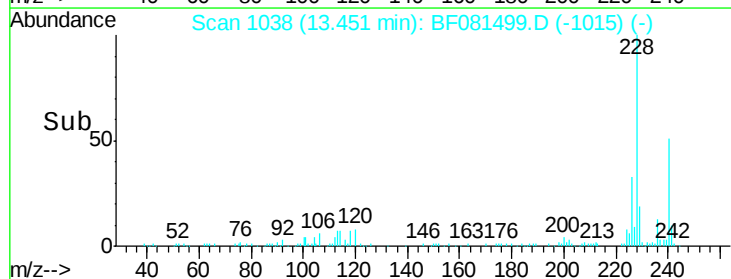
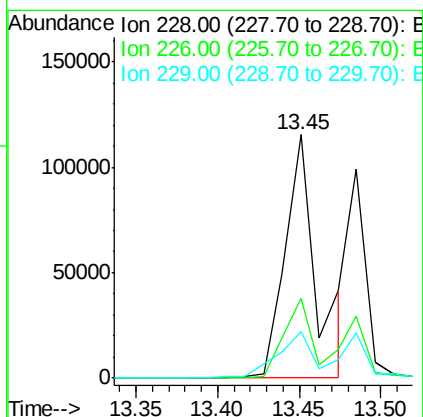
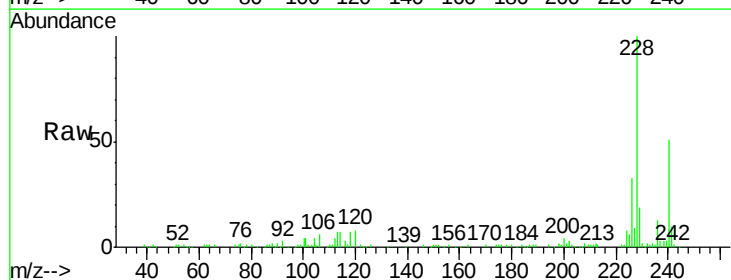
Instrument :
 BNA_F
 ClientSampleId :
 MGP207BR-25-25.5DL

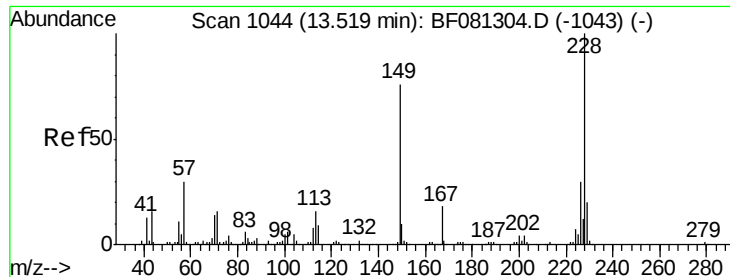
Tot Ion:244 Resp: 301931
 Ion Ratio Lower Upper
 244 100
 212 7.9 4.3 6.5#
 122 9.9 17.4 26.2#



#80
 Benzo(a)anthracene
 Concen: 20.86 ng
 RT: 13.45 min Scan# 1038
 Delta R.T. -0.03 min
 Lab File: BF081499.D
 Acq: 6 Sep 2015 9:41

Tgt Ion:228 Resp: 156636
 Ion Ratio Lower Upper
 228 100
 226 33.0 20.0 30.0#
 229 19.0 15.4 23.2





#82

Chrysene

Concen: 23.27 ng

RT: 13.45 min Scan# 1038

Delta R.T. -0.07 min

Lab File: BF081499.D

Acq: 6 Sep 2015 9:41

Instrument :

BNA_F

ClientSampleId :

MGP207BR-25-25.5DL

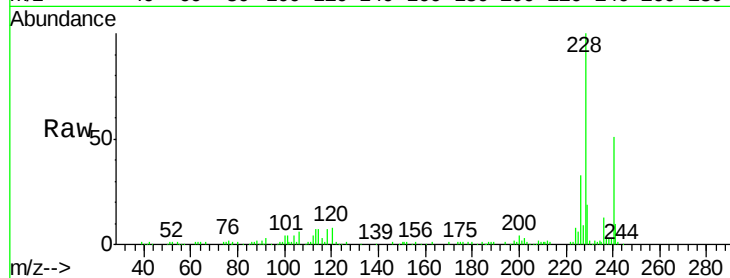
Tot Ion:228 Resp: 156636

Ion Ratio Lower Upper

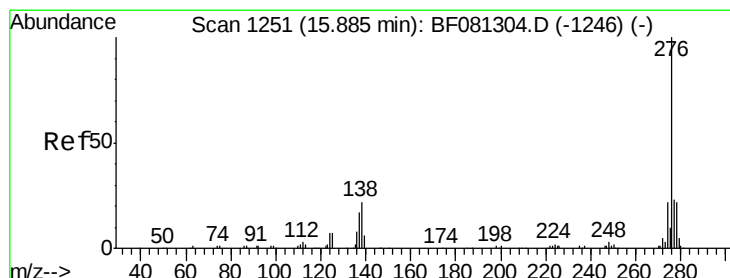
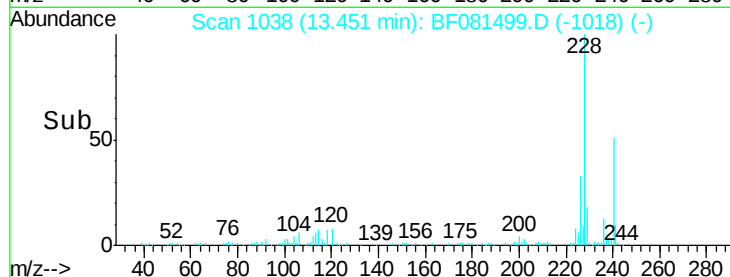
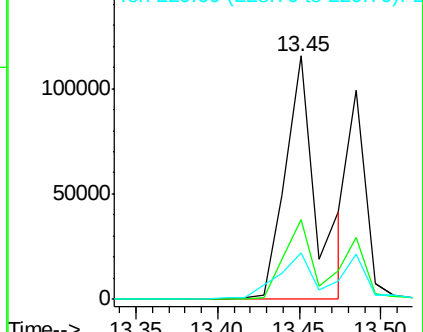
228 100

226 33.0 21.0 31.4#

229 19.0 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: 13.33 ng

RT: 15.84 min Scan# 1247

Delta R.T. -0.05 min

Lab File: BF081499.D

Acq: 6 Sep 2015 9:41

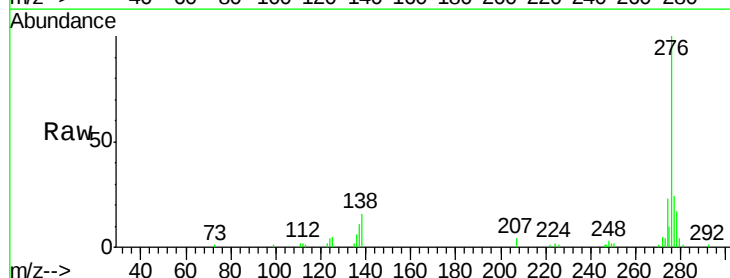
Tgt Ion:276 Resp: 65824

Ion Ratio Lower Upper

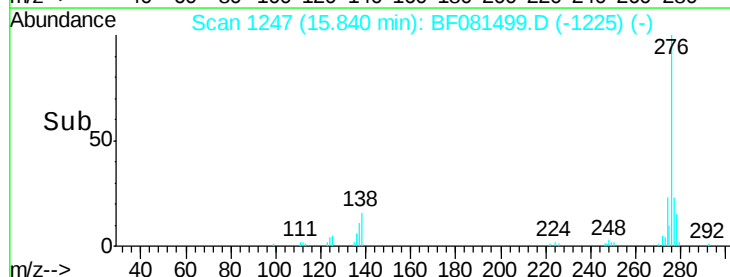
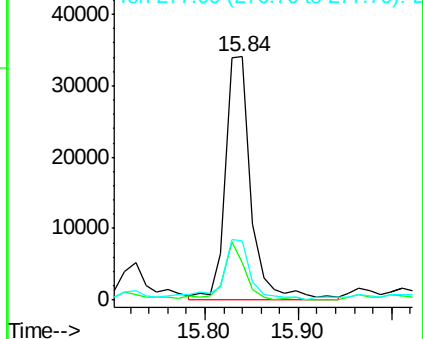
276 100

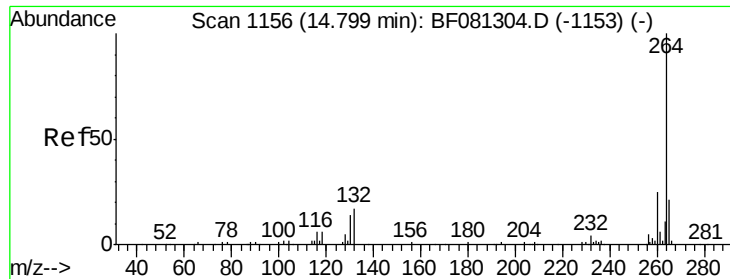
138 19.5 25.7 38.5#

277 28.4 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

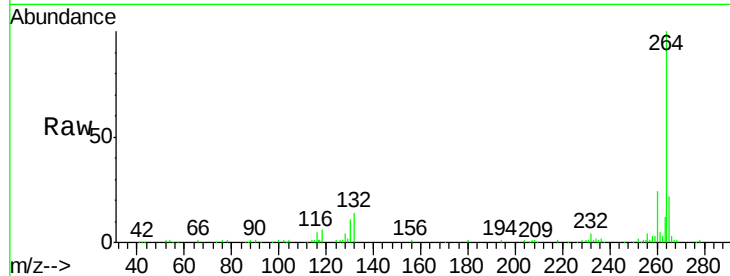




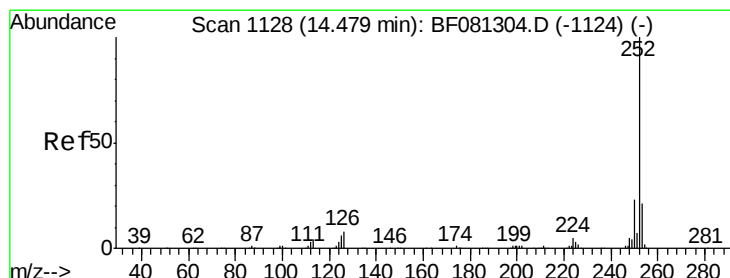
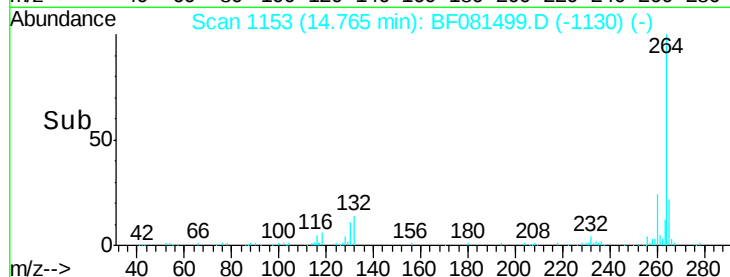
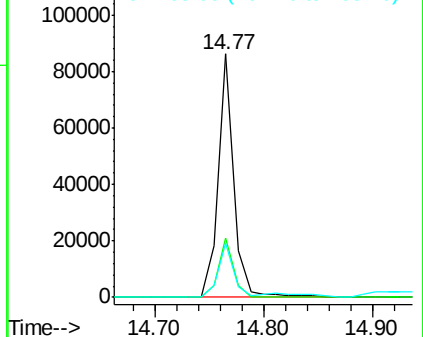
#86
Pervlene-d12
Concen: 20.00 ng
RT: 14.77 min Scan# 1153
Delta R.T. -0.03 min
Lab File: BF081499.D
Acq: 6 Sep 2015 9:41

Instrument :
BNA_F
ClientSampleId :
MGP207BR-25-25.5DL

Tot Ion:264 Resp: 86570
Ion Ratio Lower Upper
264 100
260 24.5 16.7 25.1
265 22.1 17.2 25.8

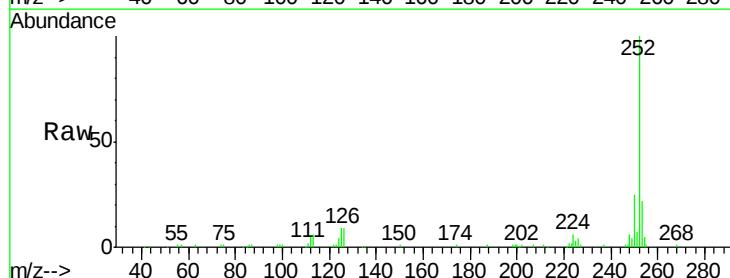


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

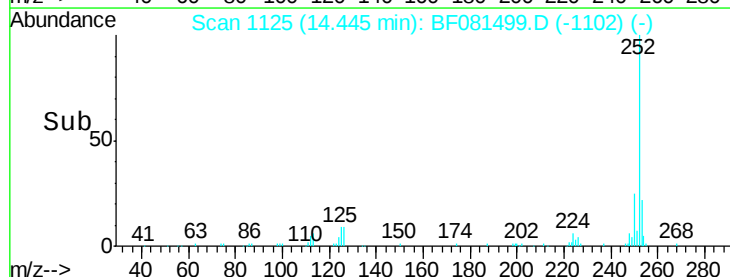
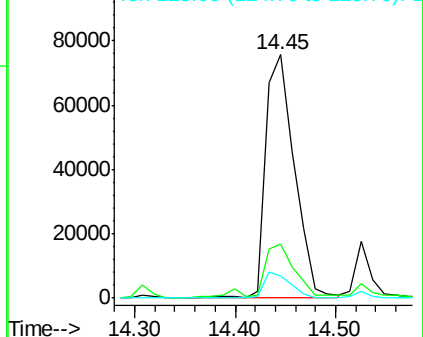


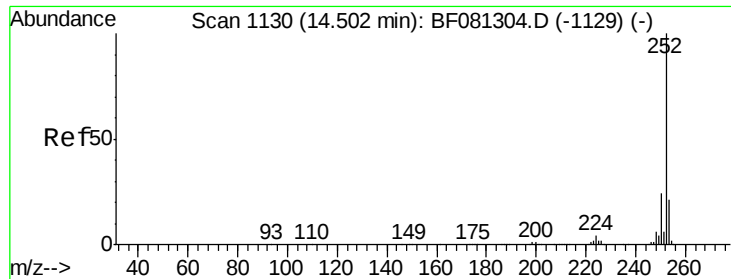
#87
Benzo(b)fluoranthene
Concen: 24.24 ng
RT: 14.45 min Scan# 1125
Delta R.T. -0.03 min
Lab File: BF081499.D
Acq: 6 Sep 2015 9:41

Tgt Ion:252 Resp: 149828
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 9.1 17.1 25.7#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 29.22 ng

RT: 14.45 min Scan# 1125

Delta R.T. -0.06 min

Lab File: BF081499.D

Acq: 6 Sep 2015 9:41

Instrument :

BNA_F

ClientSampleId :

MGP207BR-25-25.5DL

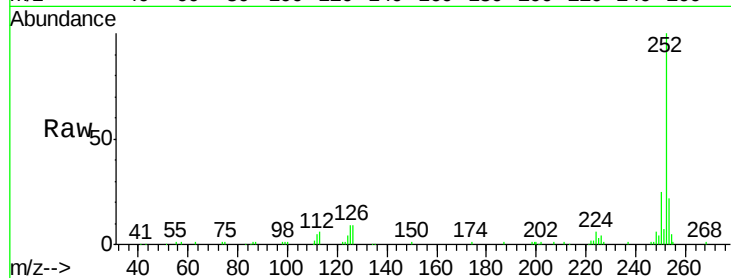
Tot Ion:252 Resp: 149828

Ion Ratio Lower Upper

252 100

253 22.3 17.0 25.4

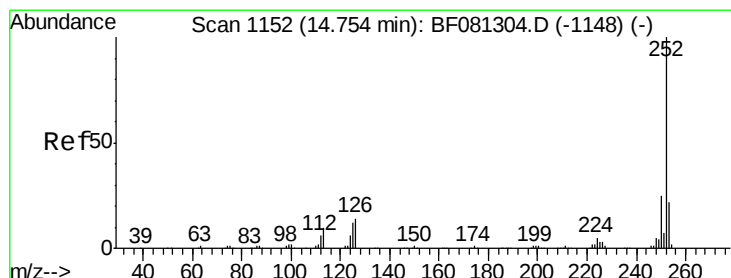
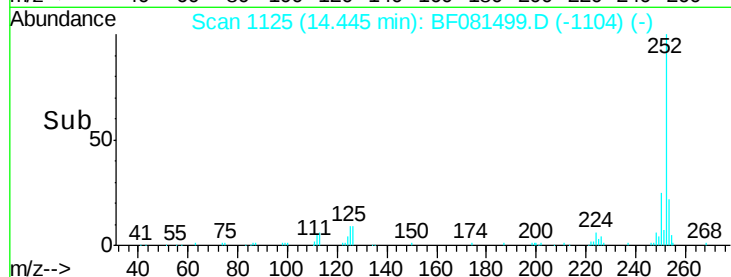
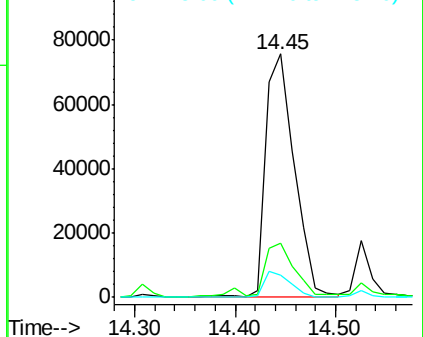
125 9.1 16.0 24.0#



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: 17.80 ng

RT: 14.72 min Scan# 1149

Delta R.T. -0.03 min

Lab File: BF081499.D

Acq: 6 Sep 2015 9:41

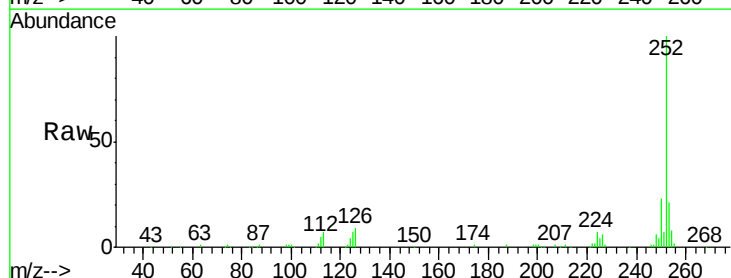
Tgt Ion:252 Resp: 93245

Ion Ratio Lower Upper

252 100

253 21.0 17.2 25.8

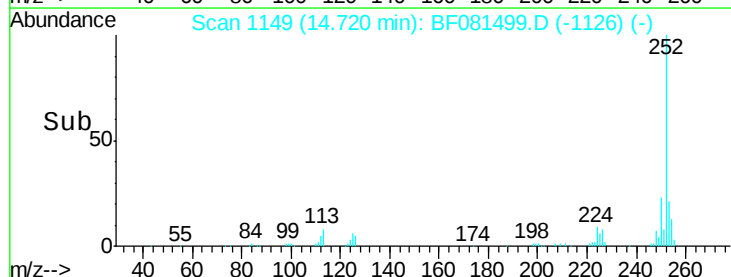
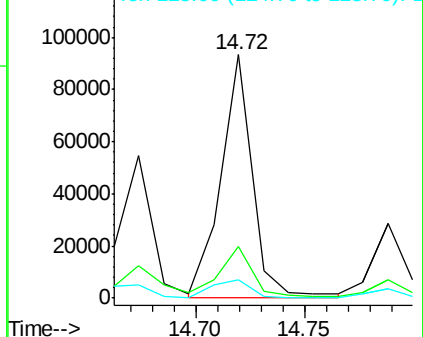
125 7.4 18.0 27.0#

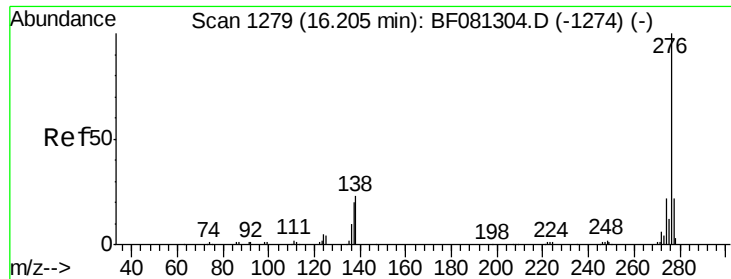


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a,h,i)perylene

Concen: 19.45 ng

RT: 16.15 min Scan# 1274

Delta R.T. -0.06 min

Lab File: BF081499.D

Acq: 6 Sep 2015 9:41

Instrument :

BNA_F

ClientSampleId :

MGP207BR-25-25.5DL

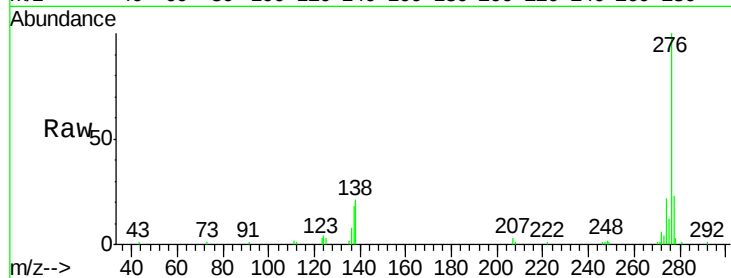
Tot Ion:276 Resp: 75124

Ion Ratio Lower Upper

276 100

277 22.7 17.8 26.6

138 20.8 34.6 51.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

