

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092415\
 Data File : BF081780.D
 Acq On : 24 Sep 2015 23:31
 Operator : UM/IZ
 Sample : G3748-04 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MGP205-10-12DL

Quant Time: Sep 25 06:06:19 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 25 06:04:07 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.11	152	96121	20.00	ng	0.16
21) Naphthalene-d8	8.24	136	799772	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	385802	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	700922	20.00	ng	0.01
75) Chrysene-d12	14.12	240	416976	20.00	ng	0.00
86) Perylene-d12	15.59	264	477634	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	185268	32.61	ng	-0.01
7) Phenol-d6	6.56	99	245932	34.22	ng	-0.01
23) Nitrobenzene-d5	7.51	82	134683	11.11	ng	-0.01
41) 2,4,6-Tribromophenol	10.78	330	49641	14.82	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	306442	13.04	ng	0.00
78) Terphenyl-d14	13.06	244	254635	13.95	ng	0.00

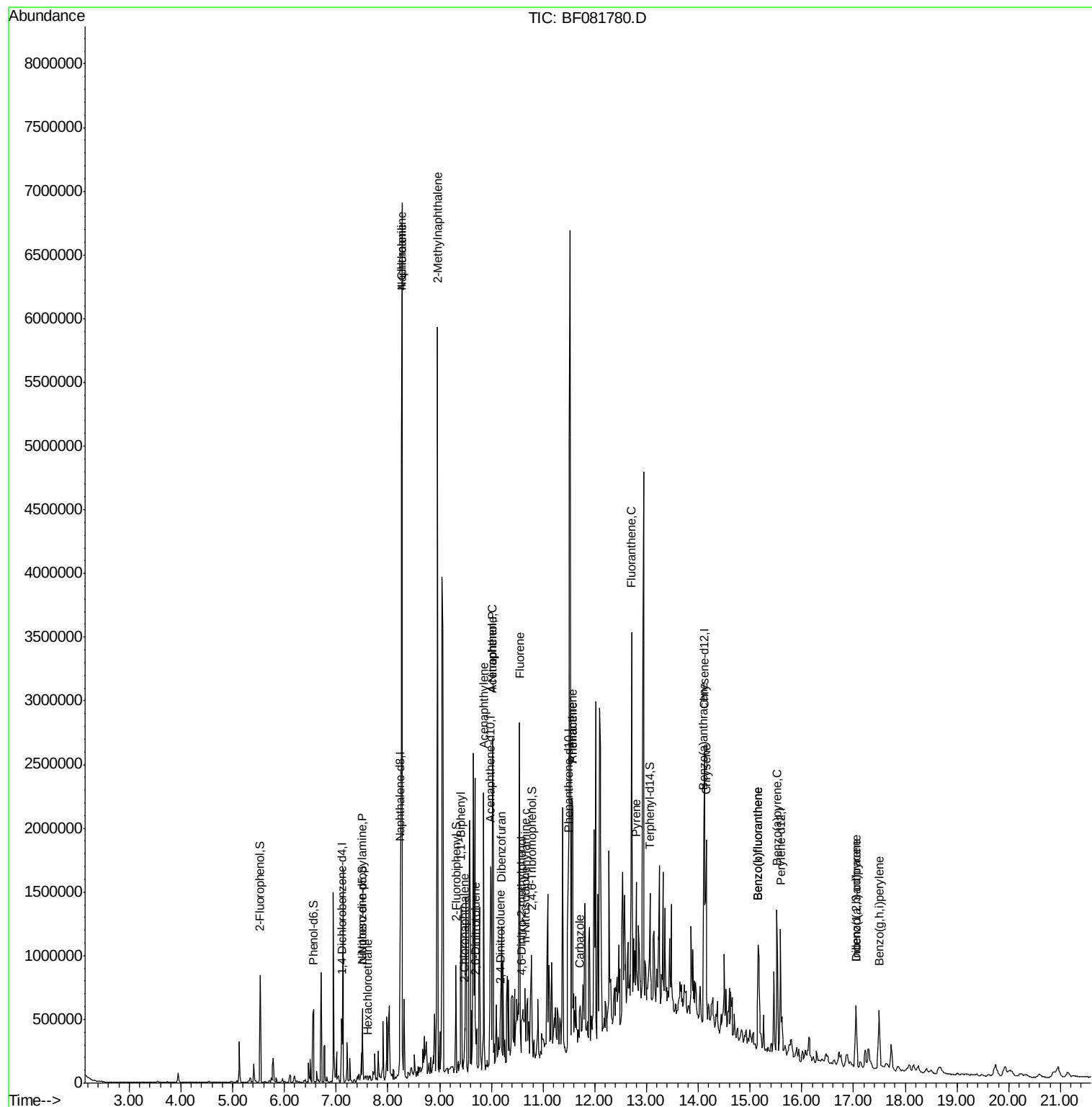
Target Compounds						Qvalue
18) Hexachloroethane	7.61	117	7825	3.21	ng	# 10
19) n-Nitroso-di-n-propylamine	7.51	70	20061	4.19	ng	# 65
31) Naphthalene	8.27	128	4022887	109.03	ng	# 90
33) 4-Chloroaniline	8.27	127	636492	39.31	ng	# 37
37) 2-Methylnaphthalene	8.96	142	1806051	68.69	ng	# 86
45) 1,1'-Biphenyl	9.42	154	524553	17.39	ng	95
46) 2-Chloronaphthalene	9.49	162	62993	2.60	ng	# 50
48) Acenaphthylene	9.85	152	413367	10.07	ng	# 88
50) 2,6-Dinitrotoluene	9.69	165	12289	2.17	ng	# 90
51) Acenaphthene	10.02	154	657566	27.78	ng	# 87
53) 2,4-Dinitrophenol	10.05	184	244	Below Cal		# 1
54) Dibenzofuran	10.19	168	202173	5.82	ng	# 78
55) 4-Nitrophenol	10.02	139	12735	3.00	ng	86
56) 2,4-Dinitrotoluene	10.17	165	25023	3.69	ng	# 63
57) Fluorene	10.55	166	1174932	44.10	ng	89
64) 4,6-Dinitro-2-methylphenol	10.59	198	1018	8.42	ng	# 1
65) n-Nitrosodiphenylamine	10.65	169	48219	2.04	ng	# 1
70) Phenanthrene	11.57	178	1228970	30.67	ng	96
71) Anthracene	11.57	178	1228970	31.83	ng	97
72) Carbazole	11.70	167	75413	2.10	ng	# 90
74) Fluoranthene	12.71	202	1615452	40.01	ng	91
77) Pyrene	12.80	202	350149	11.14	ng	97
80) Benzo(a)anthracene	14.10	228	818945	32.39	ng	# 89
82) Chrysene	14.15	228	680414	28.06	ng	# 91
85) Indeno(1,2,3-cd)pyrene	17.05	276	329303	14.83	ng	# 85
87) Benzo(b)fluoranthene	15.16	252	750946	26.51	ng	# 89
88) Benzo(k)fluoranthene	15.16	252	750946	27.52	ng	# 89
89) Benzo(a)pyrene	15.52	252	640965	25.06	ng	# 88
90) Dibenzo(a,h)anthracene	17.05	278	93081	3.49	ng	# 62
91) Benzo(g,h,i)perylene	17.50	276	370797	13.50	ng	# 77

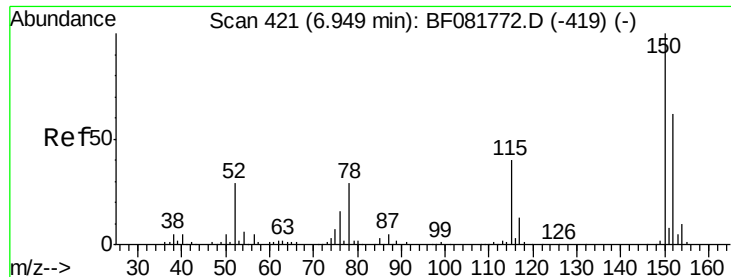
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.11 min Scan# 435

Delta R.T. 0.16 min

Lab File: BF081780.D

Acq: 24 Sep 2015 23:31

Instrument :

BNA_F

ClientSampleId :

MGP205-10-12DL

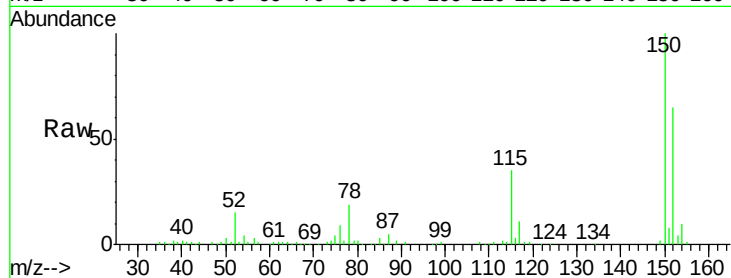
Tot Ion:152 Resp: 96121

Ion Ratio Lower Upper

152 100

150 153.3 124.7 187.1

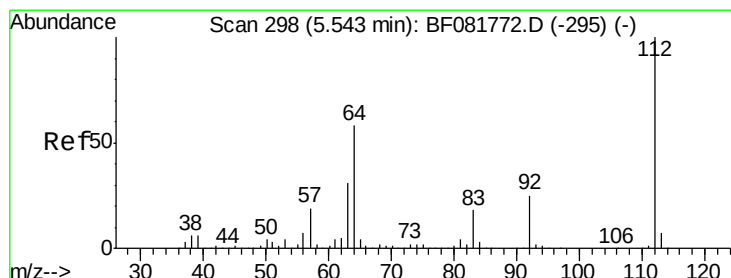
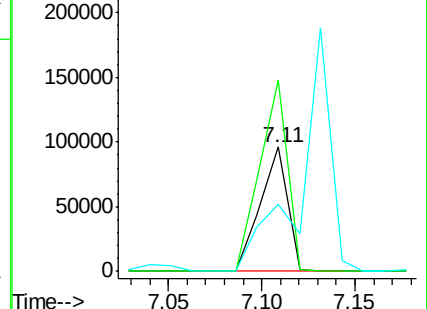
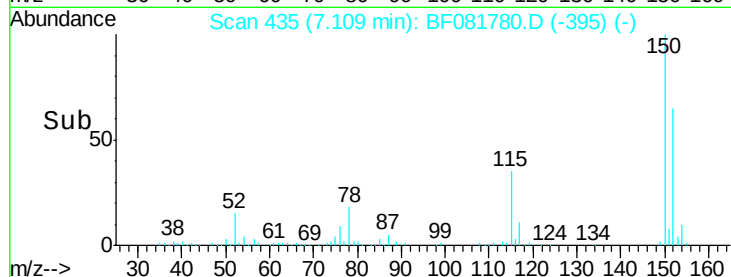
115 53.8 39.0 58.4



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



#5

2-Fluorophenol

Concen: 32.61 ng

RT: 5.53 min Scan# 297

Delta R.T. -0.01 min

Lab File: BF081780.D

Acq: 24 Sep 2015 23:31

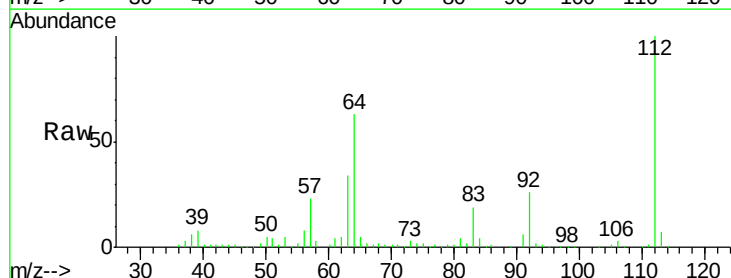
Tgt Ion:112 Resp: 185268

Ion Ratio Lower Upper

112 100

64 63.5 39.7 59.5#

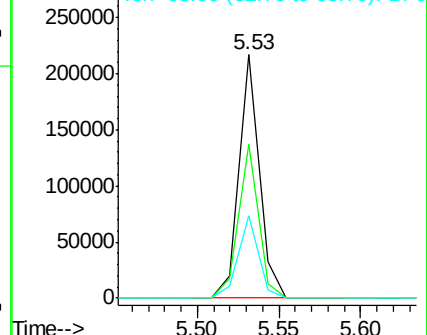
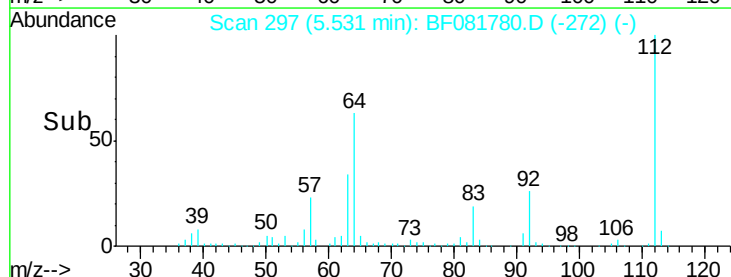
63 33.7 17.4 26.0#

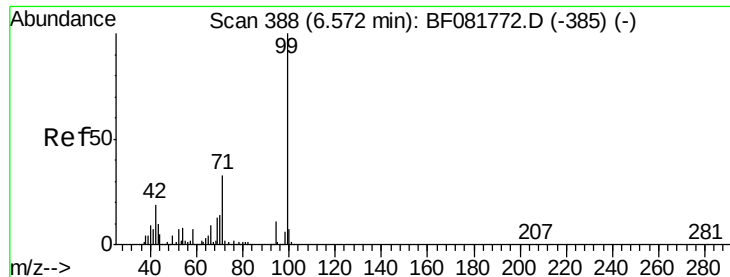


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 34.22 ng

RT: 6.56 min Scan# 387

Delta R.T. -0.01 min

Lab File: BF081780.D

Acq: 24 Sep 2015 23:31

Instrument :

BNA_F

ClientSampleId :

MGP205-10-12DL

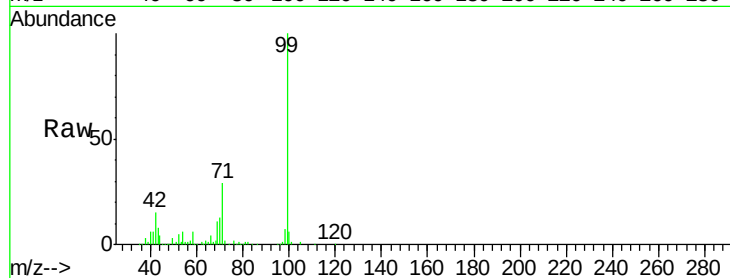
Tot Ion: 99 Resp: 245932

Ion Ratio Lower Upper

99 100

42 14.5 13.7 20.5

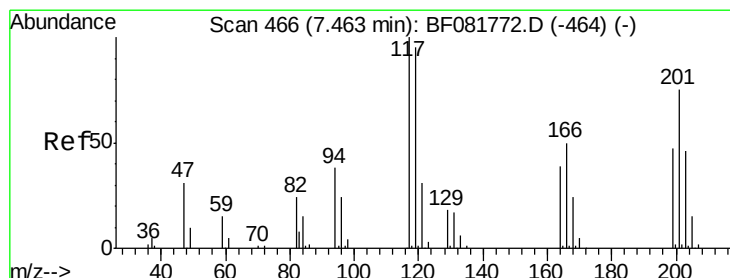
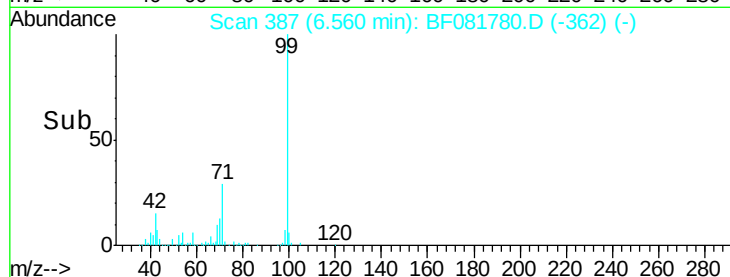
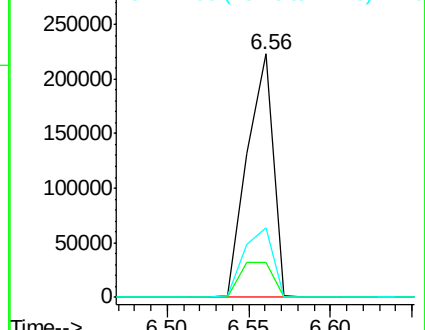
71 28.8 14.2 21.2#



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



#18

Hexachloroethane

Concen: 3.21 ng

RT: 7.61 min Scan# 479

Delta R.T. 0.15 min

Lab File: BF081780.D

Acq: 24 Sep 2015 23:31

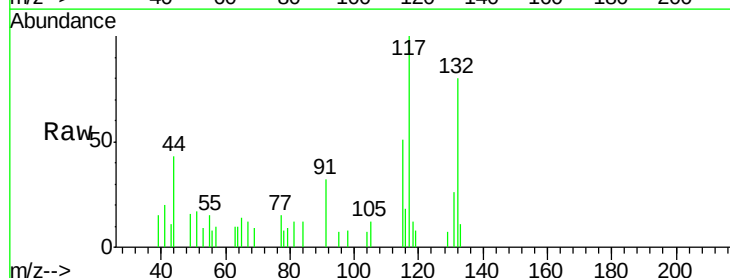
Tgt Ion: 117 Resp: 7825

Ion Ratio Lower Upper

117 100

119 8.0 83.8 125.6#

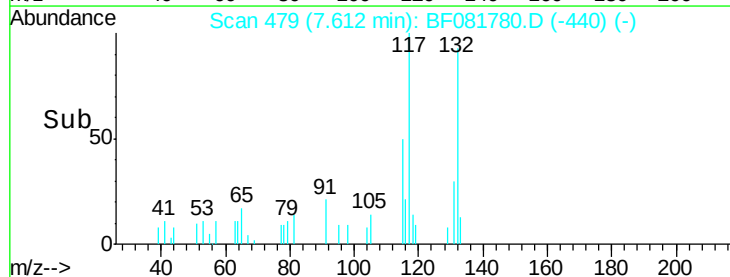
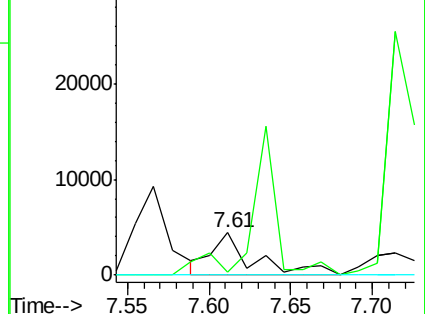
201 0.0 55.1 82.7#

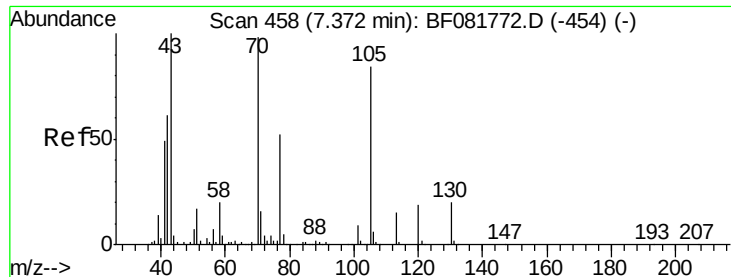


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

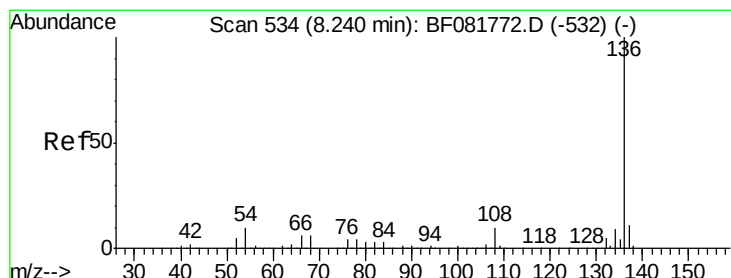
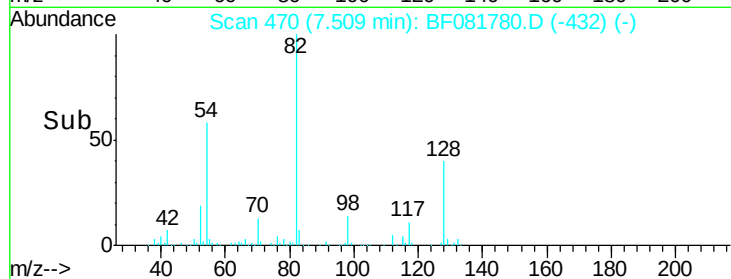
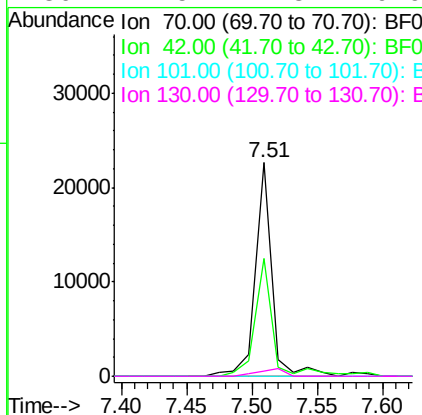
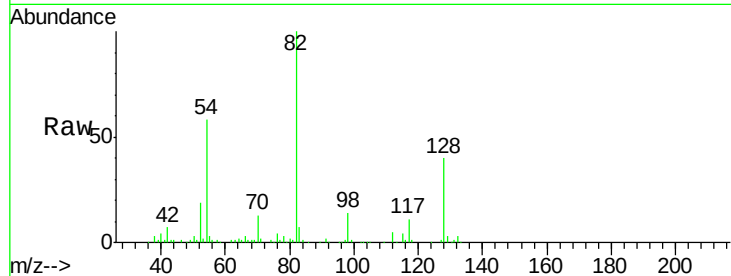




#19
n-Nitroso-di-n-propylamine
Concen: 4.19 ng
RT: 7.51 min Scan# 470
Delta R.T. 0.14 min
Lab File: BF081780.D
Acq: 24 Sep 2015 23:31

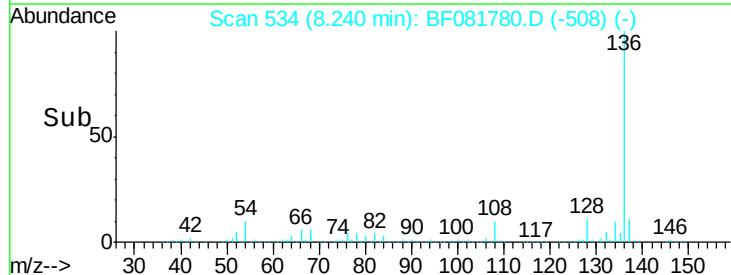
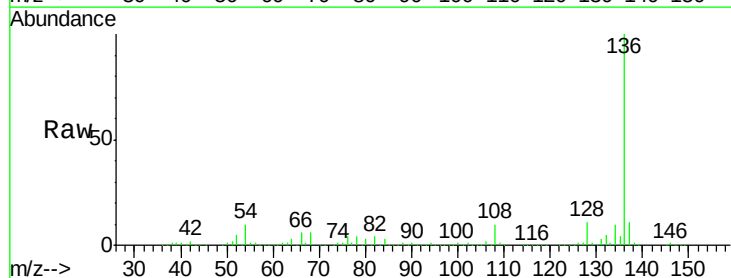
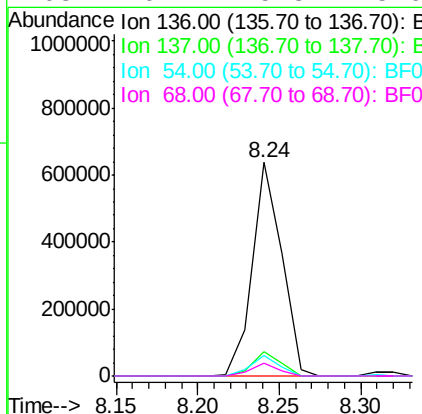
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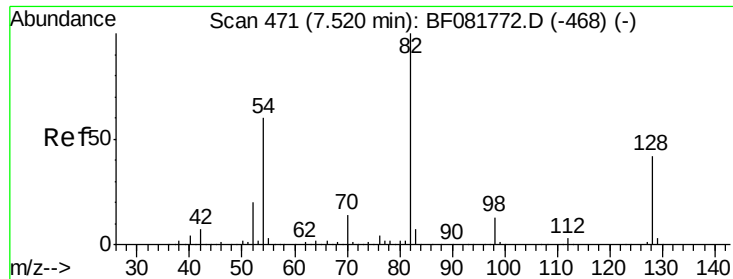
Tot Ion: 70 Resp: 20061
Ion Ratio Lower Upper
70 100
42 55.3 63.8 95.6#
101 0.0 9.2 13.8#
130 2.5 27.3 40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 534
Delta R.T. -0.00 min
Lab File: BF081780.D
Acq: 24 Sep 2015 23:31

Tgt Ion: 136 Resp: 799772
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.6
54 9.9 8.2 12.2
68 6.2 5.8 8.6

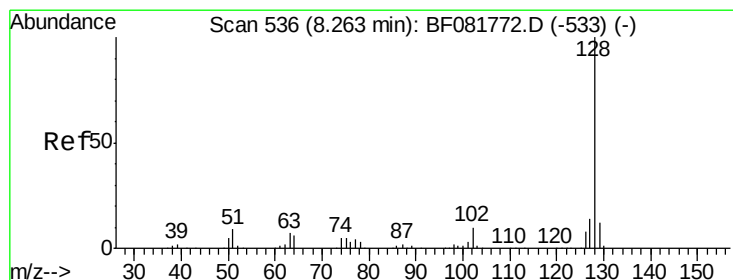
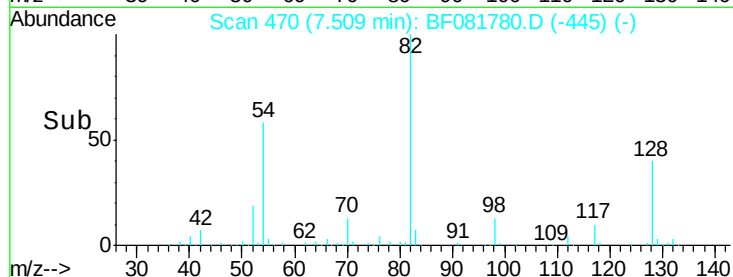
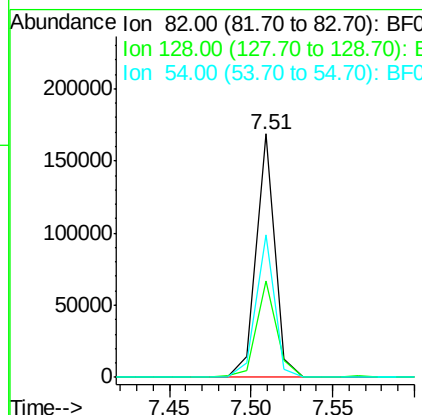
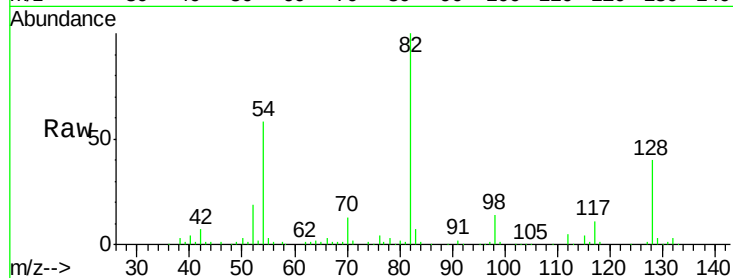




#23
 Nitrobenzene-d5
 Concen: 11.11 ng
 RT: 7.51 min Scan# 470
 Delta R.T. -0.01 min
 Lab File: BF081780.D
 Acq: 24 Sep 2015 23:31

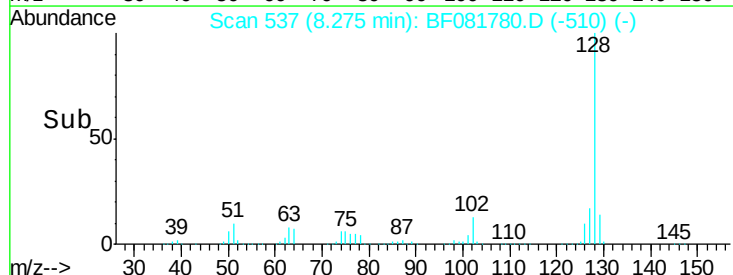
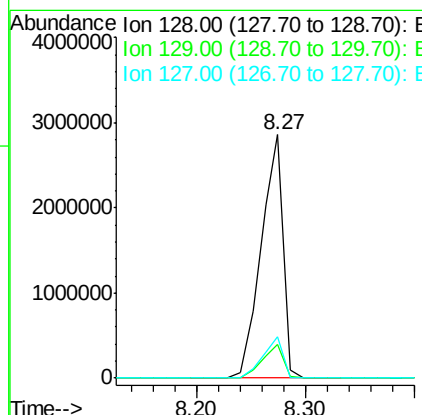
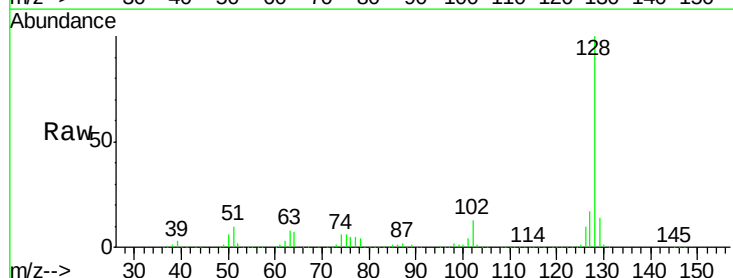
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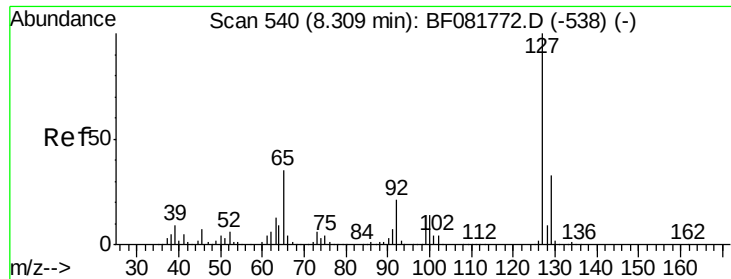
Tot Ion: 82 Resp: 134683
 Ion Ratio Lower Upper
 82 100
 128 39.7 51.0 76.6#
 54 58.5 47.5 71.3



#31
 Naphthalene
 Concen: 109.03 ng
 RT: 8.27 min Scan# 537
 Delta R.T. 0.01 min
 Lab File: BF081780.D
 Acq: 24 Sep 2015 23:31

Tgt Ion: 128 Resp: 4022887
 Ion Ratio Lower Upper
 128 100
 129 13.7 8.4 12.6#
 127 17.0 9.9 14.9#

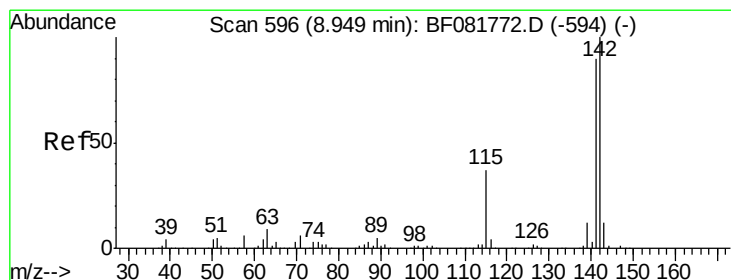
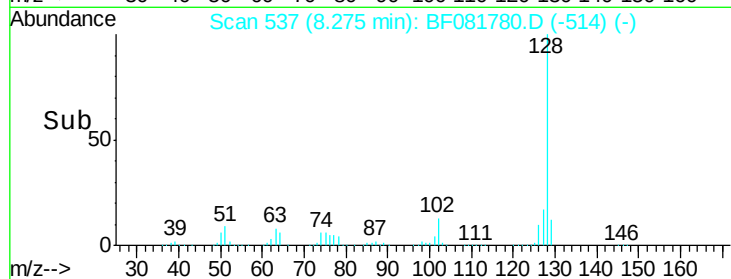
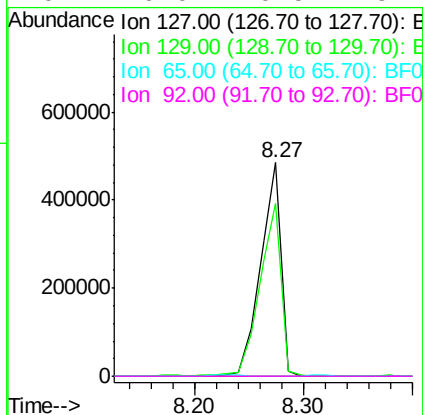
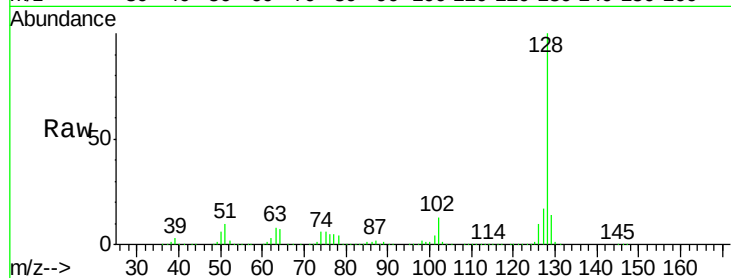




#33
 4-Chloroaniline
 Concen: 39.31 ng
 RT: 8.27 min Scan# 537
 Delta R.T. -0.03 min
 Lab File: BF081780.D
 Acq: 24 Sep 2015 23:31

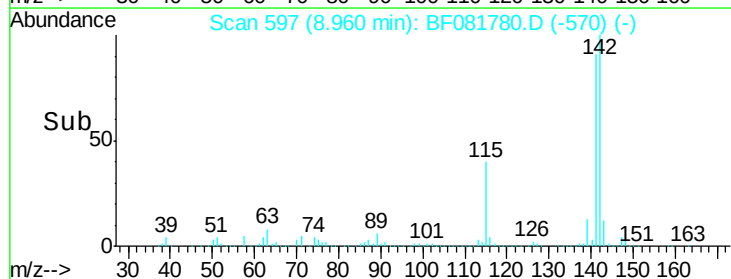
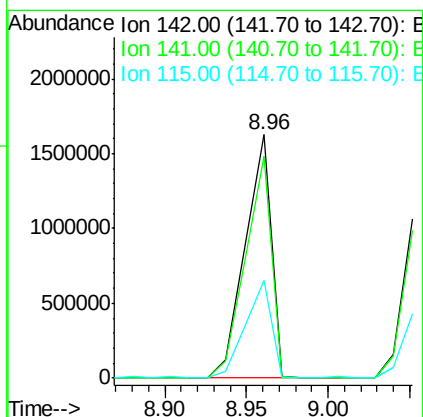
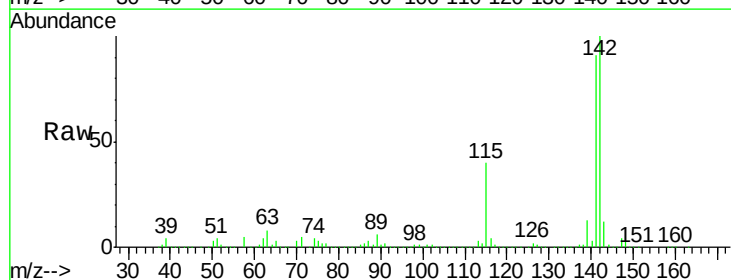
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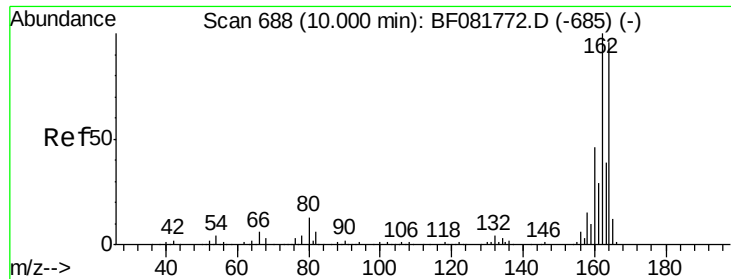
Tot Ion:	127	Resp:	636492
Ion	Ratio	Lower	Upper
127	100		
129	80.7	25.8	38.6#
65	0.0	17.9	26.9#
92	0.0	10.5	15.7#



#37
 2-Methylnaphthalene
 Concen: 68.69 ng
 RT: 8.96 min Scan# 597
 Delta R.T. 0.01 min
 Lab File: BF081780.D
 Acq: 24 Sep 2015 23:31

Tgt Ion:	142	Resp:	1806051
Ion	Ratio	Lower	Upper
142	100		
141	91.1	67.5	101.3
115	40.3	18.2	27.2#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.99 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF081780.D

Acq: 24 Sep 2015 23:31

Instrument :

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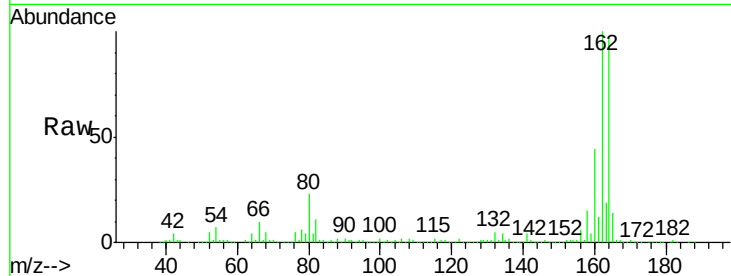
Tot Ion:164 Resp: 385802

Ion Ratio Lower Upper

164 100

162 103.1 75.2 112.8

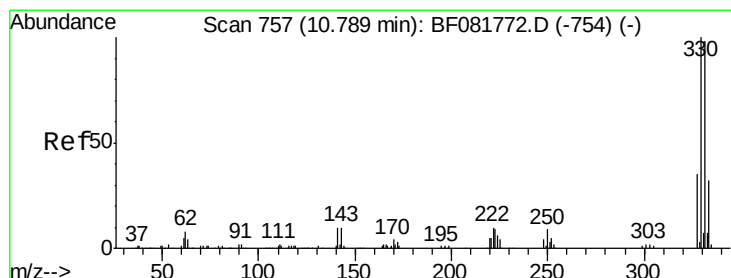
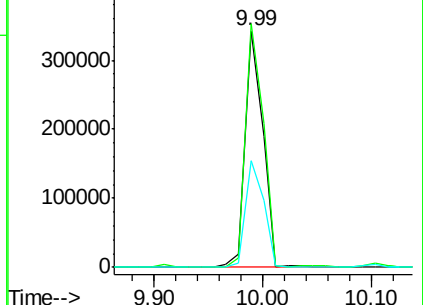
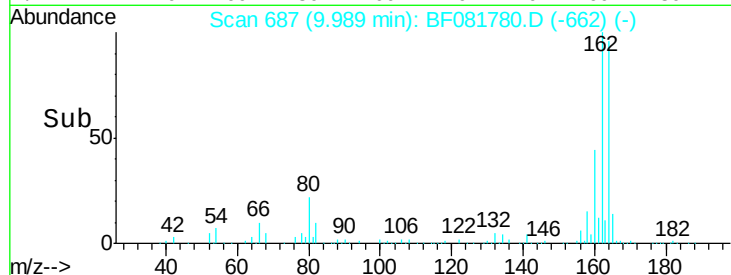
160 45.1 31.5 47.3



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: 14.82 ng

RT: 10.78 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF081780.D

Acq: 24 Sep 2015 23:31

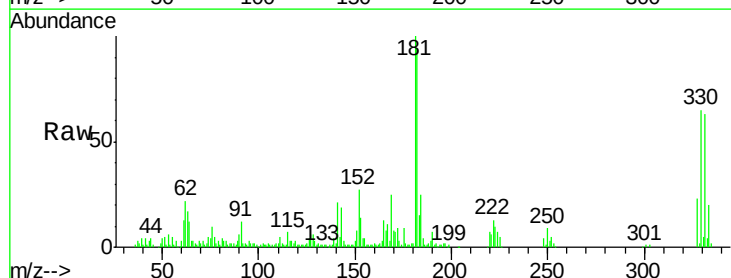
Tgt Ion:330 Resp: 49641

Ion Ratio Lower Upper

330 100

332 97.5 76.6 114.8

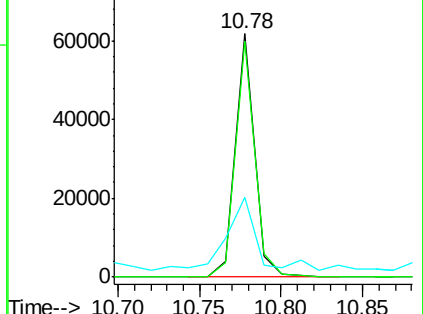
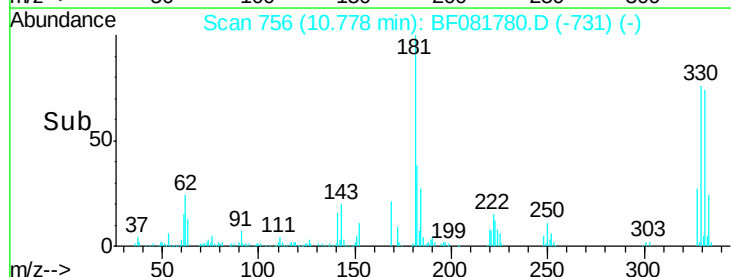
141 42.3 29.7 44.5

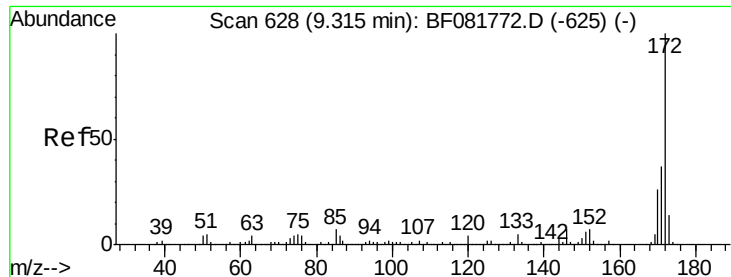


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

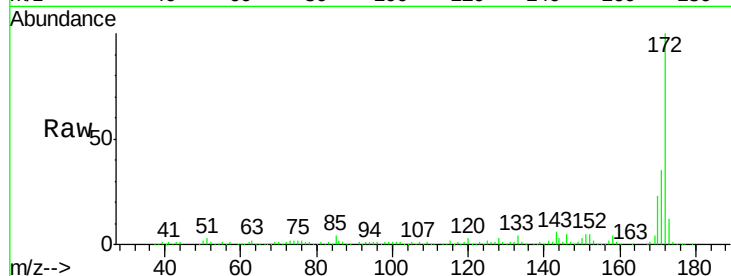




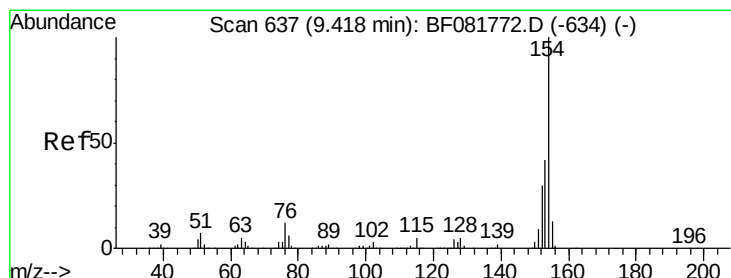
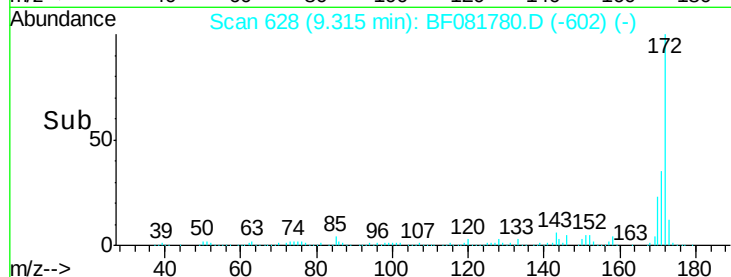
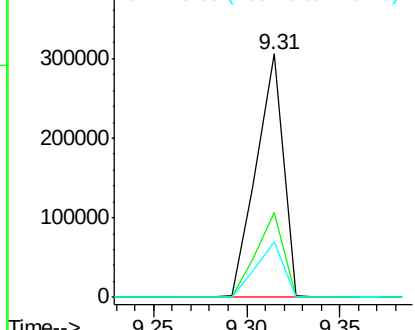
#44
2-Fluorobiphenyl
Concen: 13.04 ng
RT: 9.31 min Scan# 628
Delta R.T. -0.00 min
Lab File: BF081780.D
Acq: 24 Sep 2015 23:31

Instrument :
BNA_F
ClientSampleId :
MGP205-10-12DL

Tot Ion:172 Resp: 306442
Ion Ratio Lower Upper
172 100
171 34.8 26.1 39.1
170 22.8 17.4 26.2

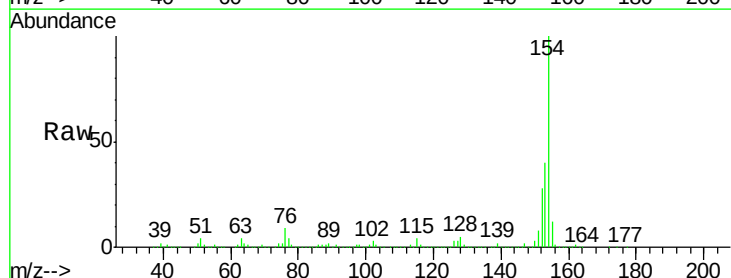


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

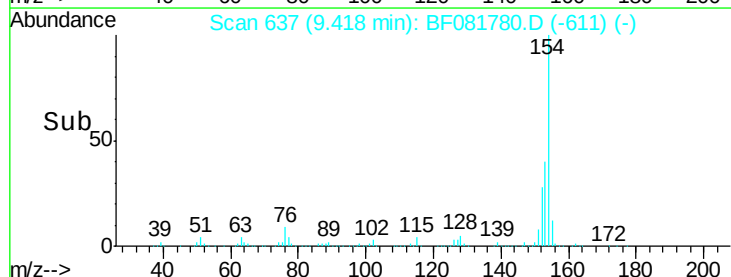
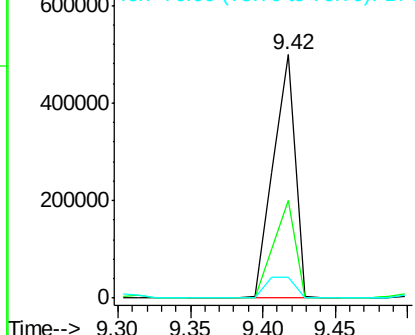


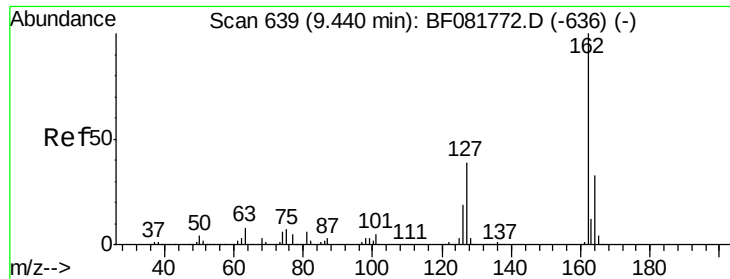
#45
1,1'-Biphenyl
Concen: 17.39 ng
RT: 9.42 min Scan# 637
Delta R.T. -0.00 min
Lab File: BF081780.D
Acq: 24 Sep 2015 23:31

Tgt Ion:154 Resp: 524553
Ion Ratio Lower Upper
154 100
153 40.0 17.1 57.1
76 8.7 0.0 31.6



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

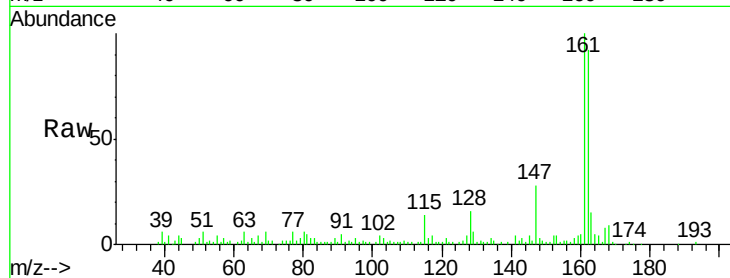




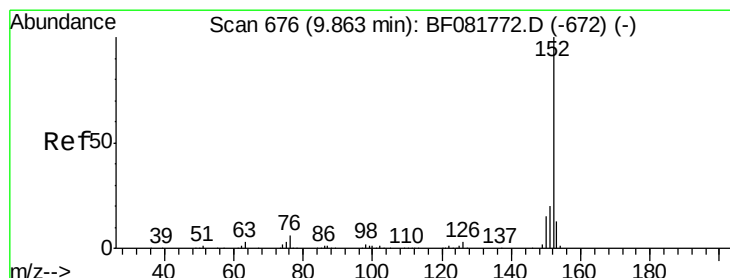
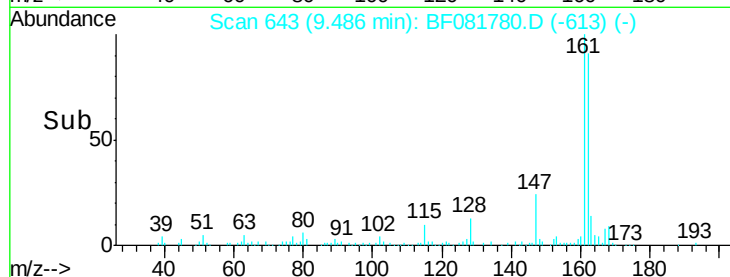
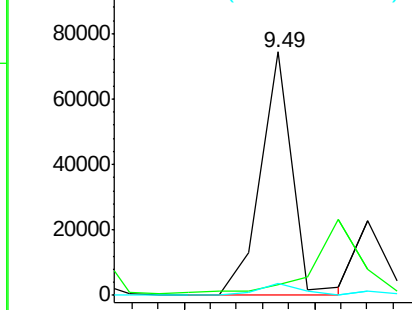
#46
 2-Chloronaphthalene
 Concen: 2.60 ng
 RT: 9.49 min Scan# 643
 Delta R.T. 0.05 min
 Lab File: BF081780.D
 Acq: 24 Sep 2015 23:31

Instrument :
 BNA_F
 ClientSampleId :
 MGP205-10-12DL

Tot Ion	Ratio	Lower	Upper
162	100		
127	4.2	27.6	41.4#
164	5.0	25.4	38.2#

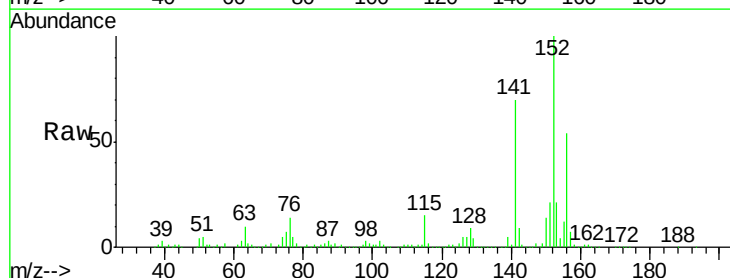


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

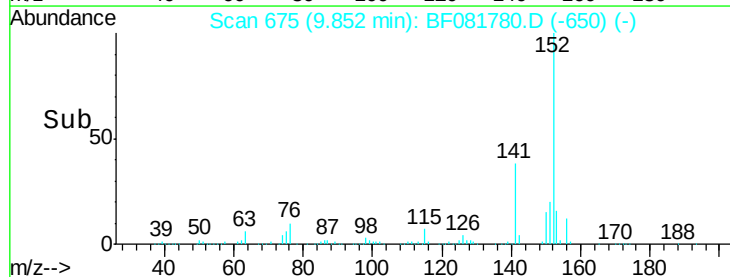
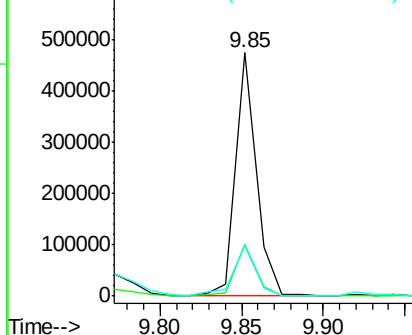


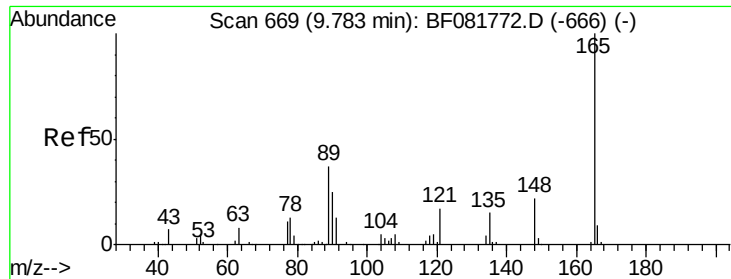
#48
 Acenaphthylene
 Concen: 10.07 ng
 RT: 9.85 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: BF081780.D
 Acq: 24 Sep 2015 23:31

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.1	14.6	22.0
153	20.6	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

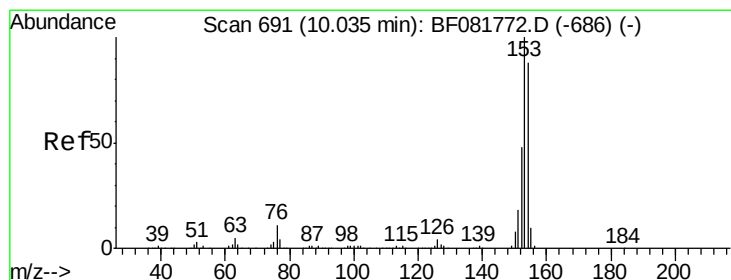
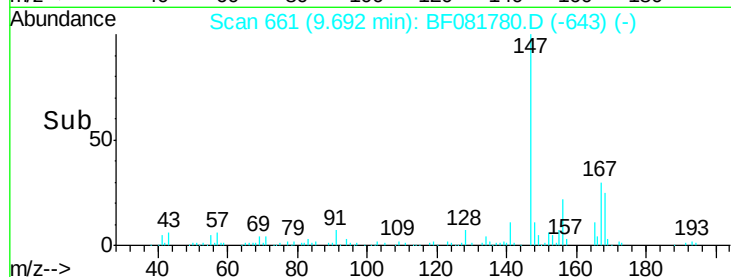
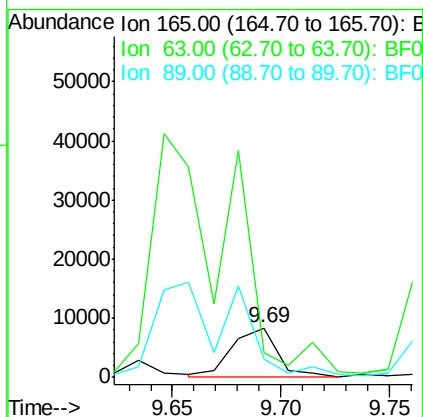
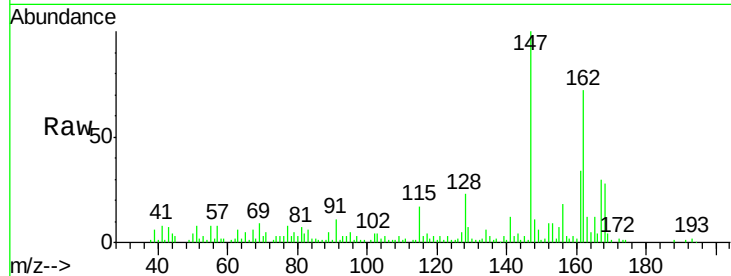




#50
 2,6-Dinitrotoluene
 Concen: 2.17 ng
 RT: 9.69 min Scan# 661
 Delta R.T. -0.09 min
 Lab File: BF081780.D
 Acq: 24 Sep 2015 23:31

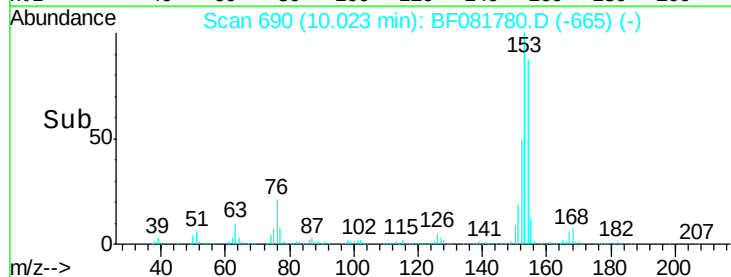
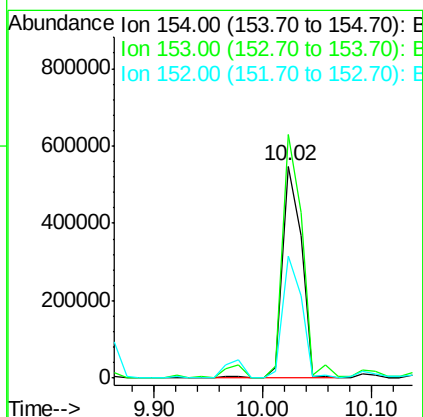
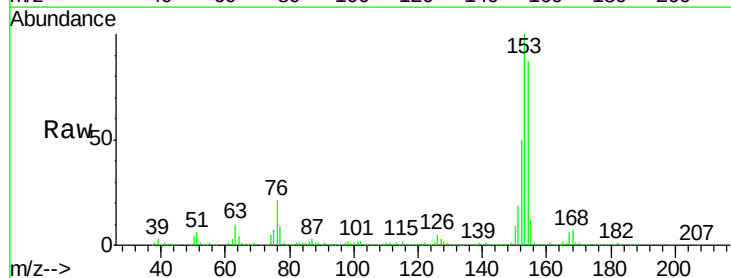
Instrument :
 BNA_F
 ClientSampleId :
 MGP205-10-12DL

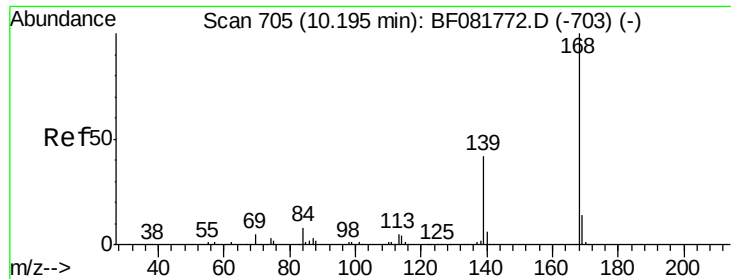
Tot Ion:165 Resp: 12289
 Ion Ratio Lower Upper
 165 100
 63 50.0 32.3 48.5#
 89 37.5 28.6 43.0



#51
 Acenaphthene
 Concen: 27.78 ng
 RT: 10.02 min Scan# 690
 Delta R.T. -0.01 min
 Lab File: BF081780.D
 Acq: 24 Sep 2015 23:31

Tgt Ion:154 Resp: 657566
 Ion Ratio Lower Upper
 154 100
 153 114.8 82.1 123.1
 152 57.3 37.9 56.9#

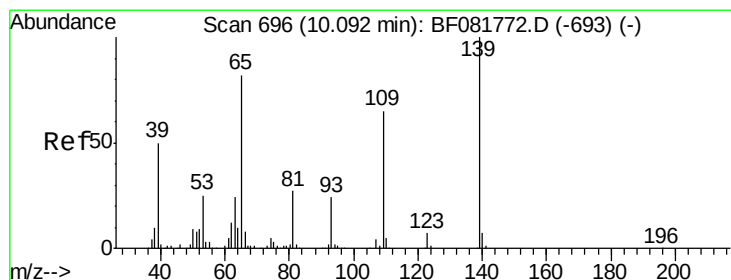
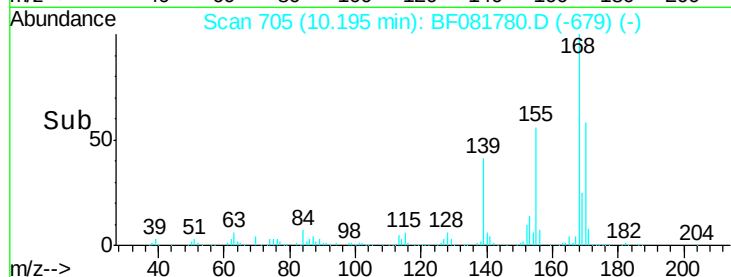
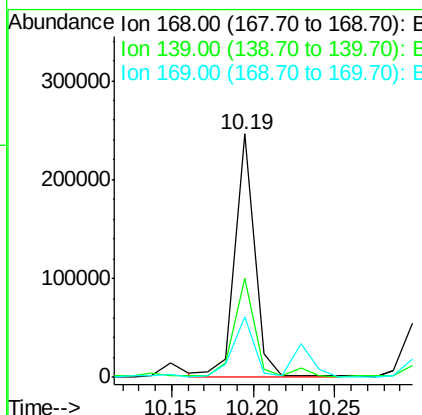
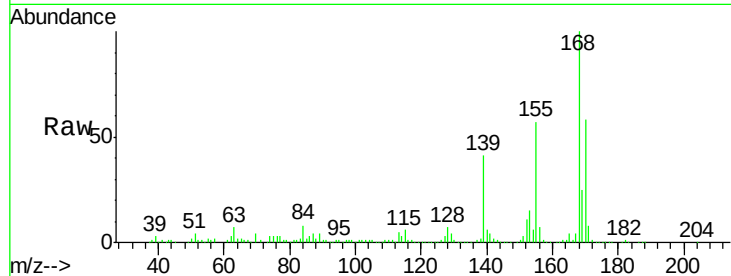




#54
Dibenzenofuran
Concen: 5.82 ng
RT: 10.19 min Scan# 705
Delta R.T. -0.00 min
Lab File: BF081780.D
Acq: 24 Sep 2015 23:31

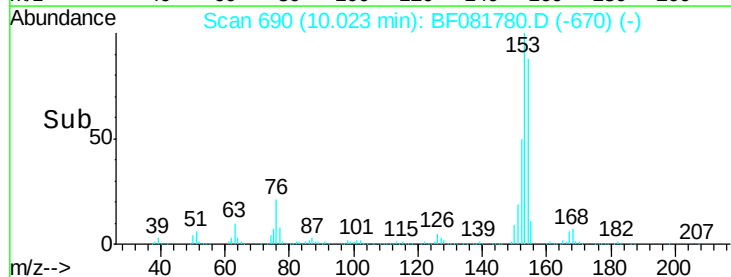
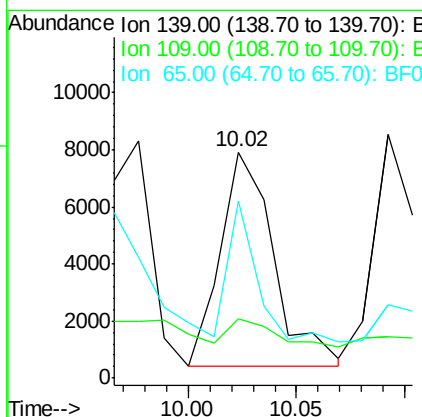
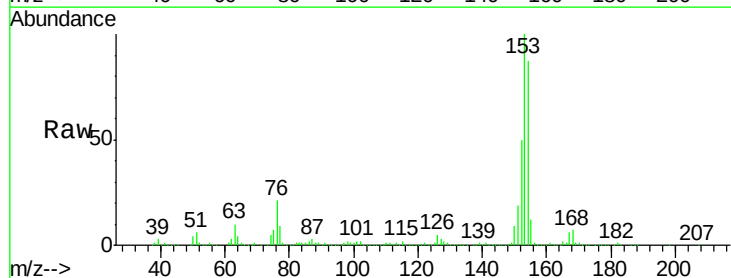
Instrument :
BNA_F
ClientSampleId :
MGP205-10-12DL

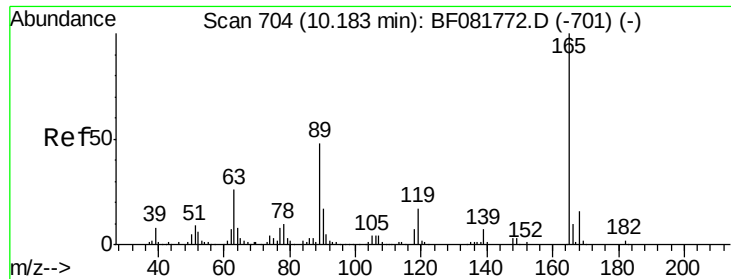
Tot Ion:168 Resp: 202173
Ion Ratio Lower Upper
168 100
139 40.9 24.2 36.2#
169 24.8 10.6 15.8#



#55
4-Nitrophenol
Concen: 3.00 ng
RT: 10.02 min Scan# 690
Delta R.T. -0.07 min
Lab File: BF081780.D
Acq: 24 Sep 2015 23:31

Tgt Ion:139 Resp: 12735
Ion Ratio Lower Upper
139 100
109 26.2 12.7 52.7
65 78.2 45.9 85.9

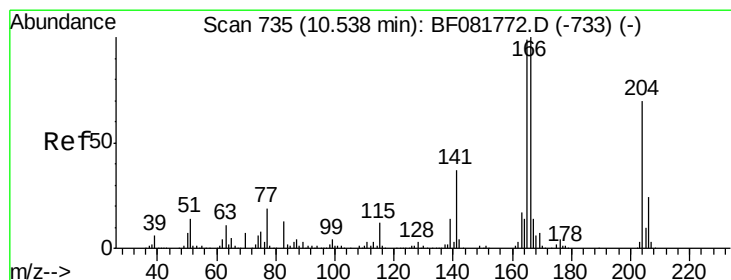
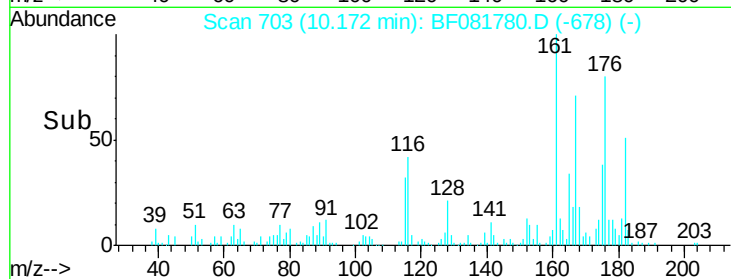
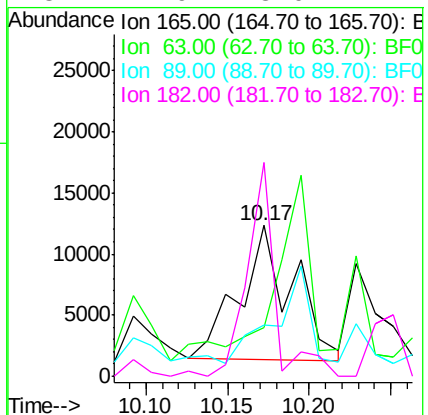
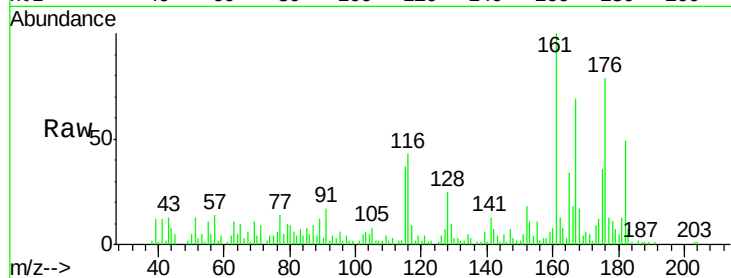




#56
2,4-Dinitrotoluene
Concen: 3.69 ng
RT: 10.17 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF081780.D
Acq: 24 Sep 2015 23:31

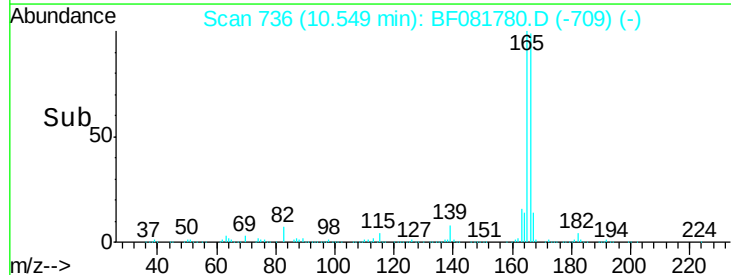
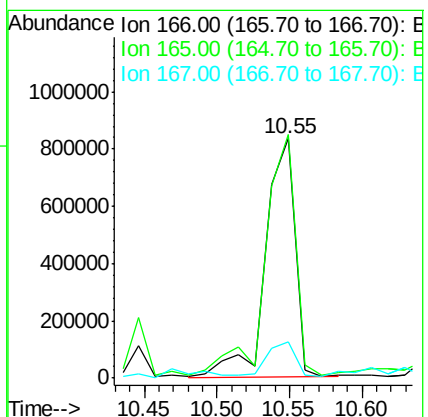
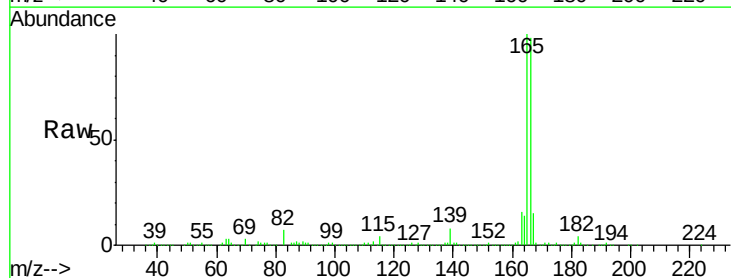
Instrument :
BNA_F
ClientSampleId :
MGP205-10-12DL

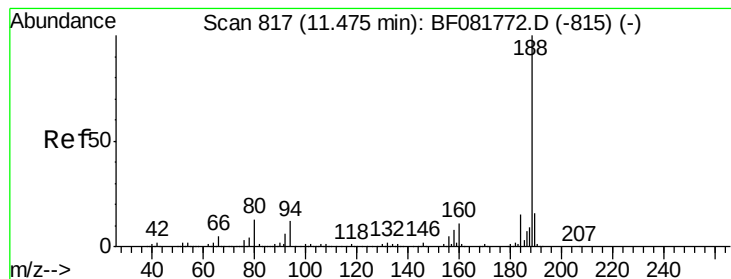
Tot Ion:165 Resp: 25023
Ion Ratio Lower Upper
165 100
63 32.4 29.8 44.6
89 33.7 44.5 66.7#
182 141.9 3.0 4.4#



#57
Fluorene
Concen: 44.10 ng
RT: 10.55 min Scan# 736
Delta R.T. 0.01 min
Lab File: BF081780.D
Acq: 24 Sep 2015 23:31

Tgt Ion:166 Resp: 1174932
Ion Ratio Lower Upper
166 100
165 101.8 72.6 109.0
167 15.2 10.6 16.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.49 min Scan# 818

Delta R.T. 0.01 min

Lab File: BF081780.D

Acq: 24 Sep 2015 23:31

Instrument :

BNA_F

ClientSampleId :

MGP205-10-12DL

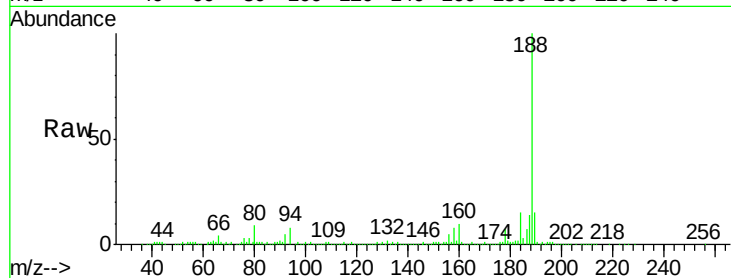
Tot Ion:188 Resp: 700922

Ion Ratio Lower Upper

188 100

94 8.2 11.1 16.7#

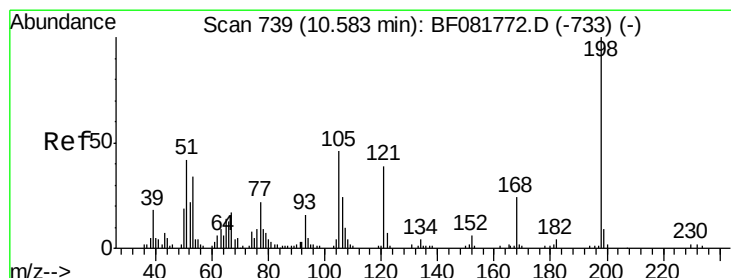
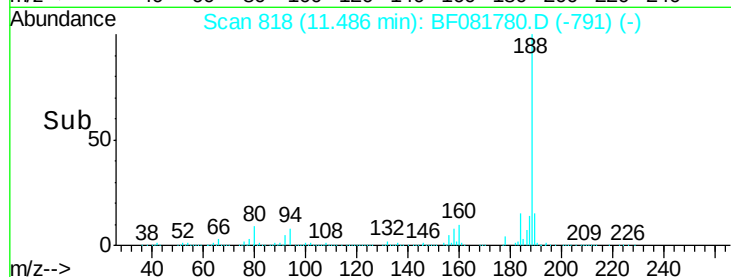
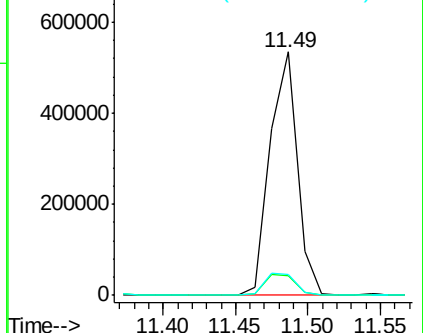
80 8.7 11.0 16.4#



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



#64

4,6-Dinitro-2-methylphenol

Concen: 8.42 ng

RT: 10.59 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF081780.D

Acq: 24 Sep 2015 23:31

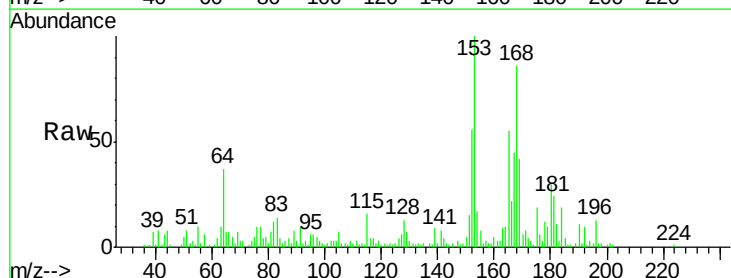
Tgt Ion:198 Resp: 1018

Ion Ratio Lower Upper

198 100

51 480.8 39.6 79.6#

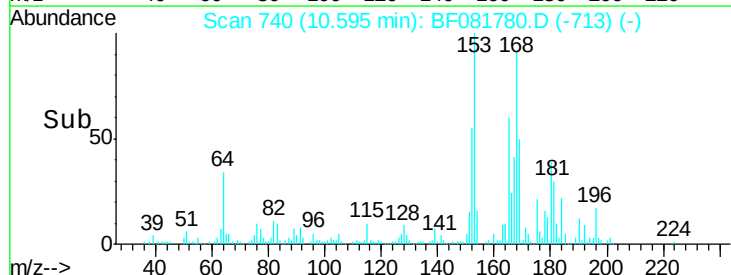
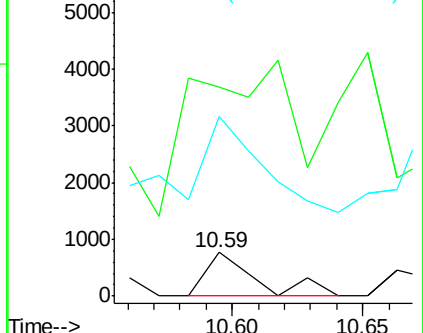
105 412.9 28.5 68.5#

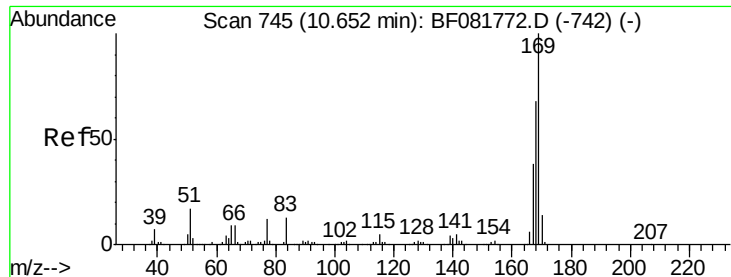


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 2.04 ng

RT: 10.65 min Scan# 745

Delta R.T. -0.00 min

Lab File: BF081780.D

Acq: 24 Sep 2015 23:31

Instrument :

BNA_F

ClientSampleId :

MGP205-10-12DL

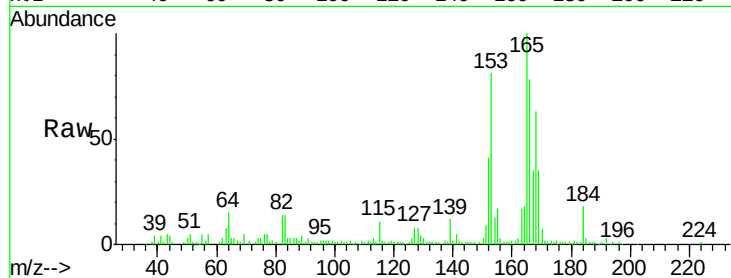
Tot Ion:169 Resp: 48219

Ion Ratio Lower Upper

169 100

168 179.2 48.9 73.3#

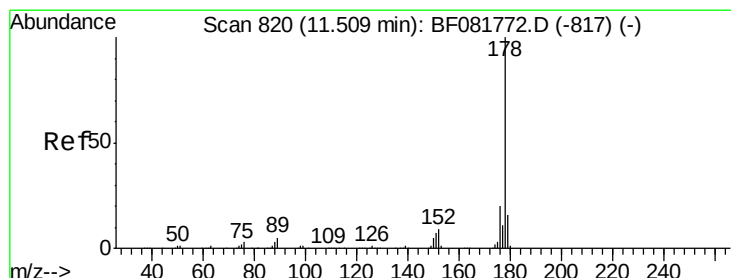
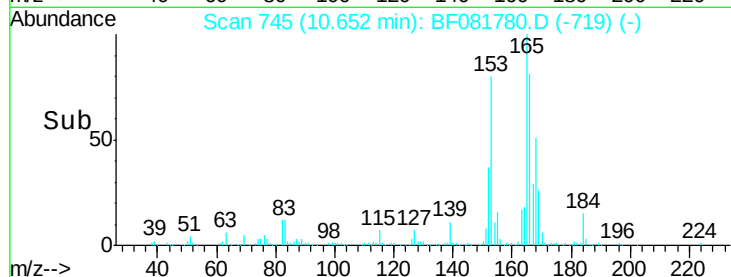
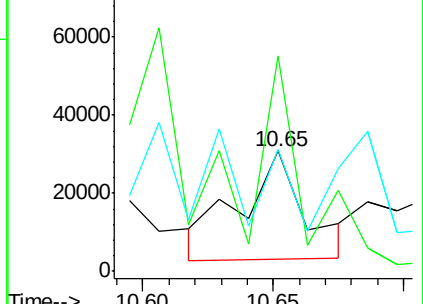
167 101.2 26.2 39.4#



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#70

Phenanthrene

Concen: 30.67 ng

RT: 11.57 min Scan# 825

Delta R.T. 0.06 min

Lab File: BF081780.D

Acq: 24 Sep 2015 23:31

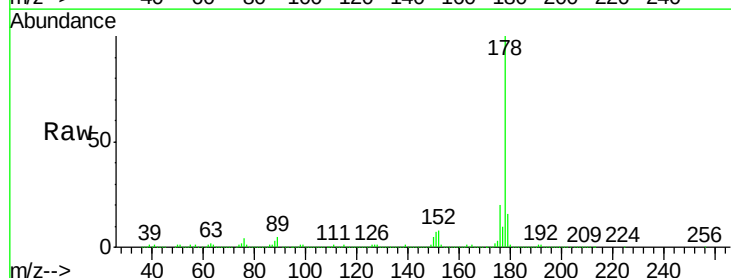
Tgt Ion:178 Resp: 1228970

Ion Ratio Lower Upper

178 100

176 19.7 13.8 20.8

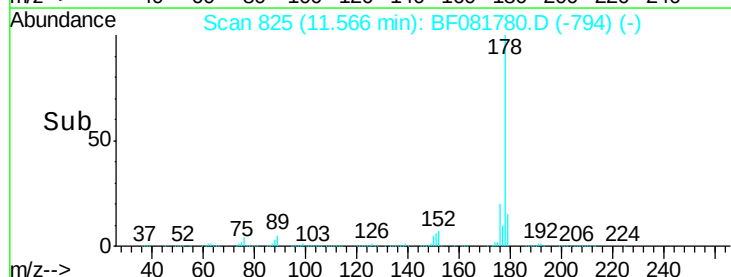
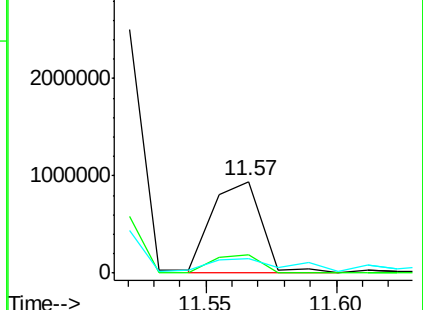
179 15.9 12.2 18.2

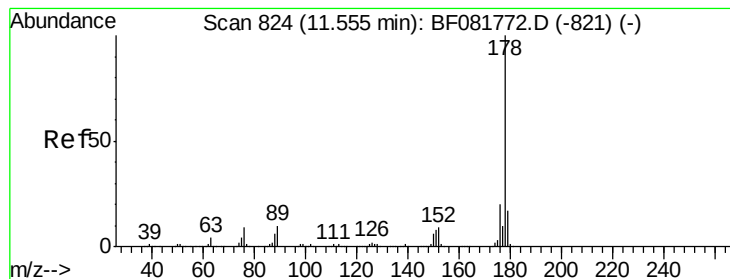


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 31.83 ng

RT: 11.57 min Scan# 825

Delta R.T. 0.01 min

Lab File: BF081780.D

Acq: 24 Sep 2015 23:31

Instrument :

BNA_F

ClientSampleId :

MGP205-10-12DL

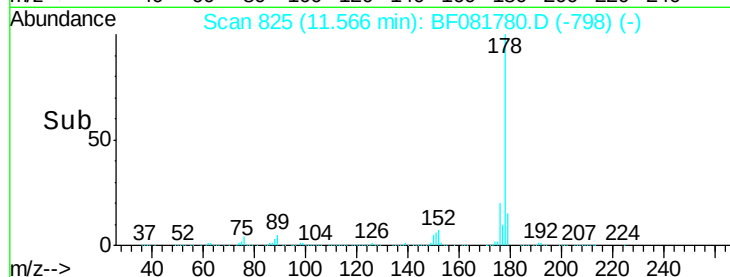
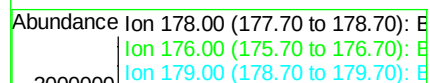
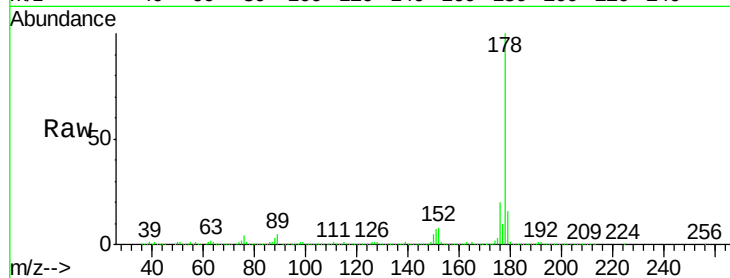
Tot Ion:178 Resp: 1228970

Ion Ratio Lower Upper

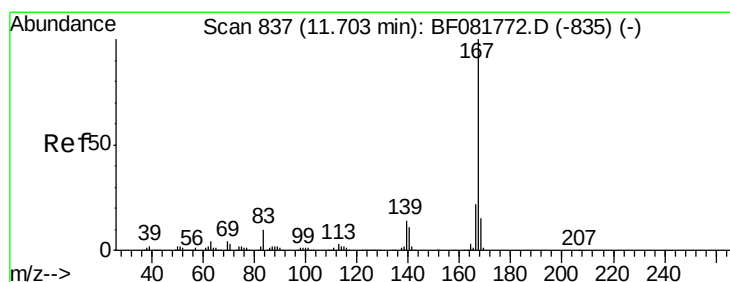
178 100

176 19.7 14.1 21.1

179 15.9 12.2 18.2



Time-->



#72

Carbazole

Concen: 2.10 ng

RT: 11.70 min Scan# 837

Delta R.T. -0.00 min

Lab File: BF081780.D

Acq: 24 Sep 2015 23:31

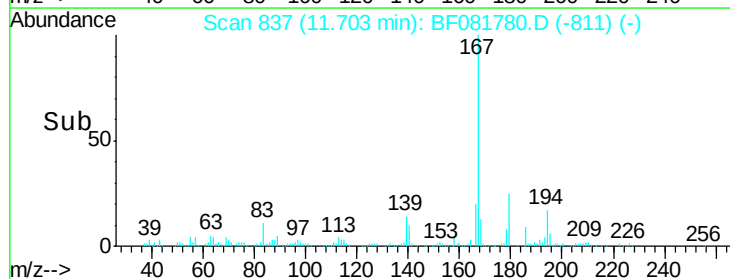
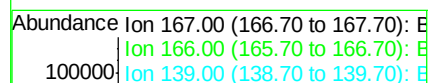
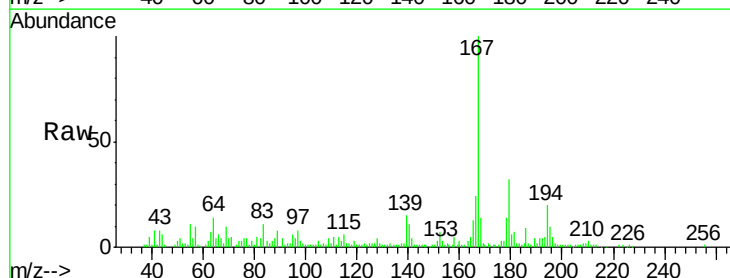
Tgt Ion:167 Resp: 75413

Ion Ratio Lower Upper

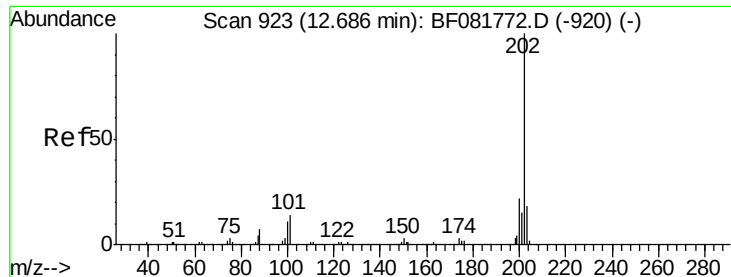
167 100

166 24.3 15.7 23.5#

139 15.5 9.5 14.3#



Time-->



#74

Fluoranthene

Concen: 40.01 ng

RT: 12.71 min Scan# 925

Delta R.T. 0.02 min

Lab File: BF081780.D

Acq: 24 Sep 2015 23:31

Instrument :

BNA_F

ClientSampleId :

MGP205-10-12DL

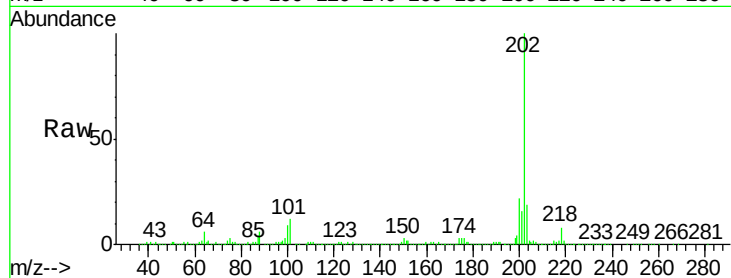
Tot Ion:202 Resp: 1615452

Ion Ratio Lower Upper

202 100

101 12.4 0.0 38.3

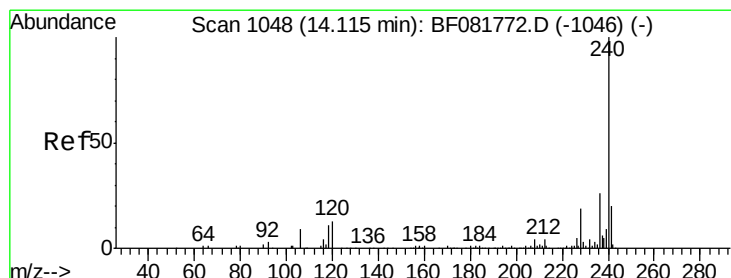
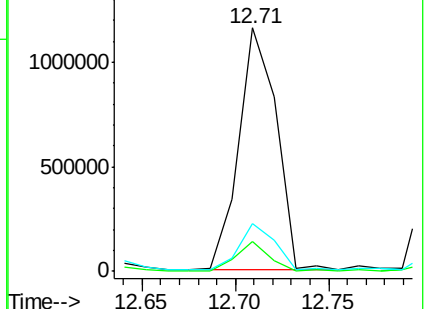
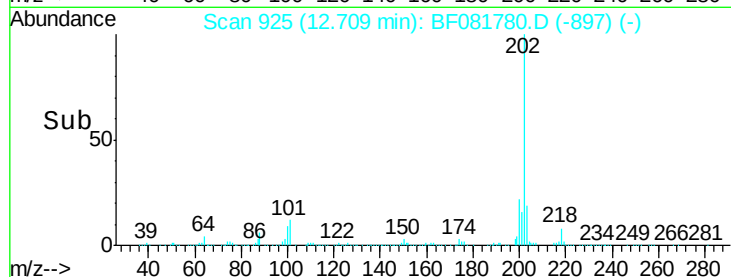
203 19.4 0.0 37.3



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.12 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BF081780.D

Acq: 24 Sep 2015 23:31

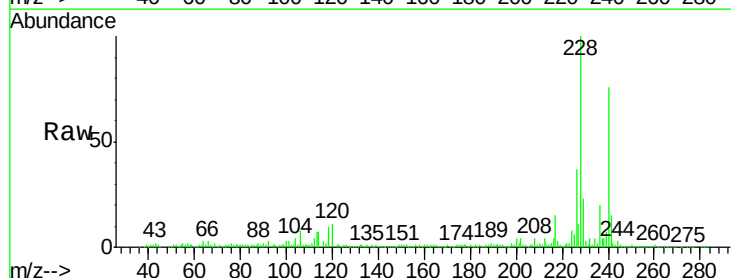
Tgt Ion:240 Resp: 416976

Ion Ratio Lower Upper

240 100

120 14.4 16.2 24.2#

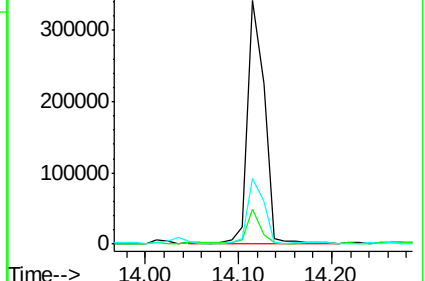
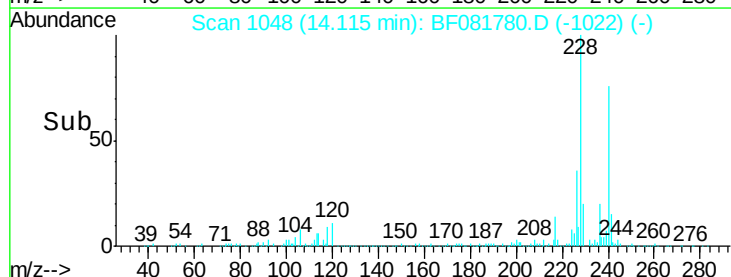
236 26.8 18.4 27.6

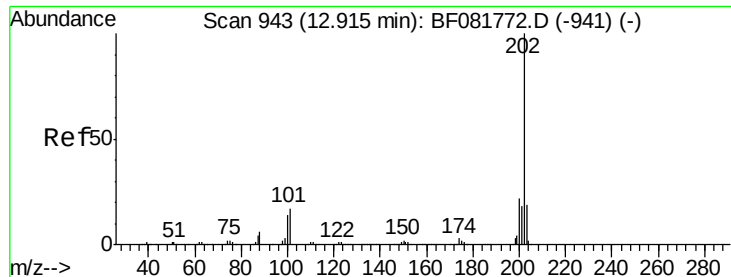


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 11.14 ng

RT: 12.80 min Scan# 933

Delta R.T. -0.11 min

Lab File: BF081780.D

Acq: 24 Sep 2015 23:31

Instrument :

BNA_F

ClientSampleId :

MGP205-10-12DL

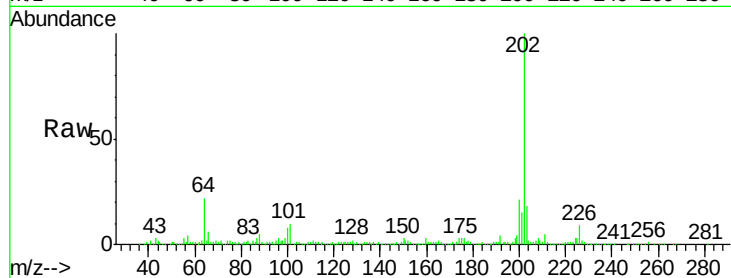
Tot Ion:202 Resp: 350149

Ion Ratio Lower Upper

202 100

200 21.1 15.0 22.4

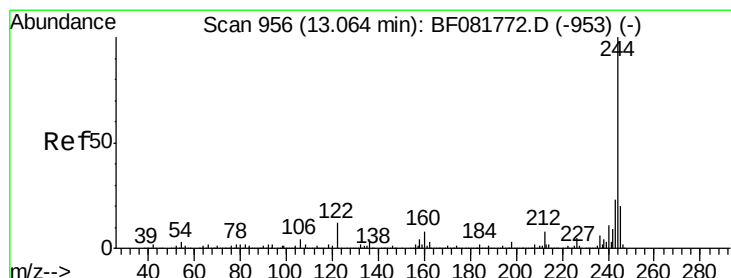
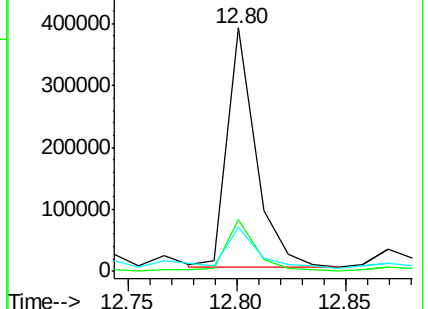
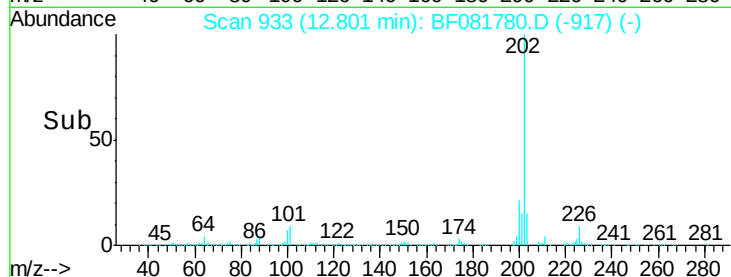
203 18.3 14.1 21.1



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: 13.95 ng

RT: 13.06 min Scan# 956

Delta R.T. -0.00 min

Lab File: BF081780.D

Acq: 24 Sep 2015 23:31

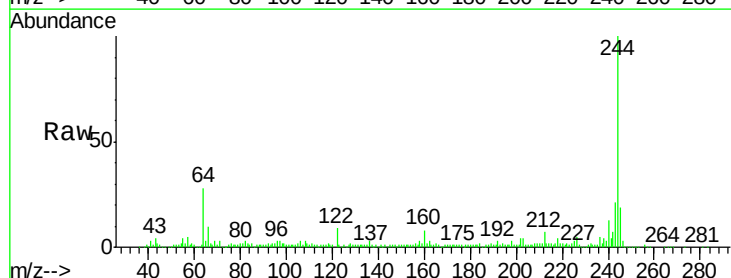
Tgt Ion:244 Resp: 254635

Ion Ratio Lower Upper

244 100

212 7.2 4.3 6.5#

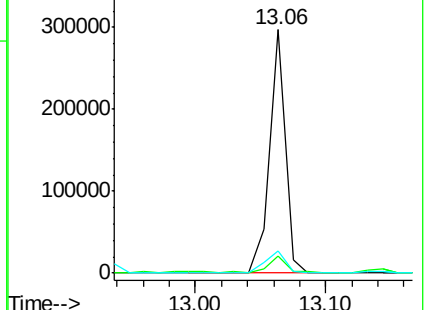
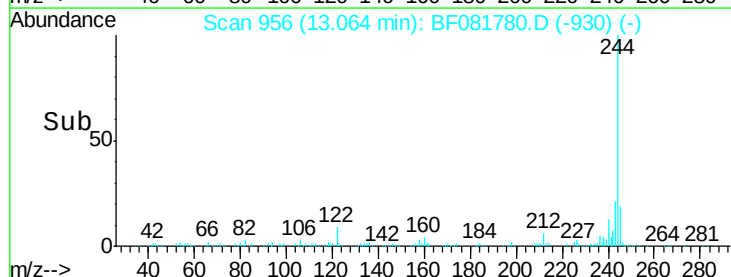
122 9.2 17.4 26.2#

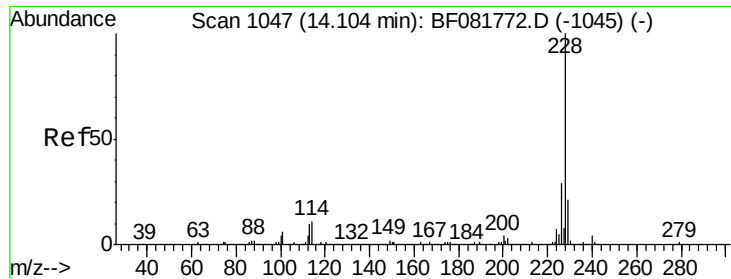


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

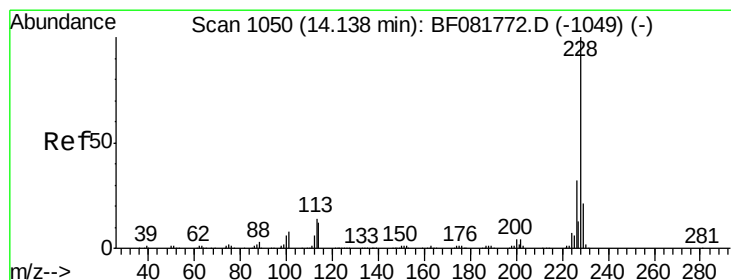
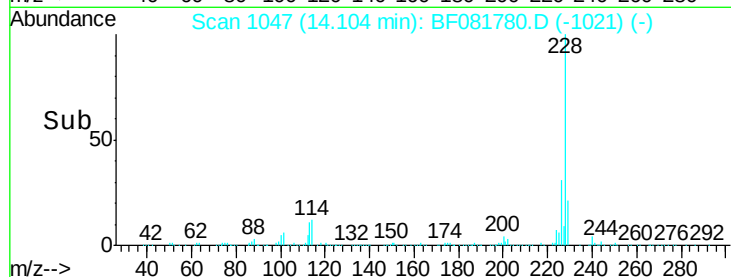
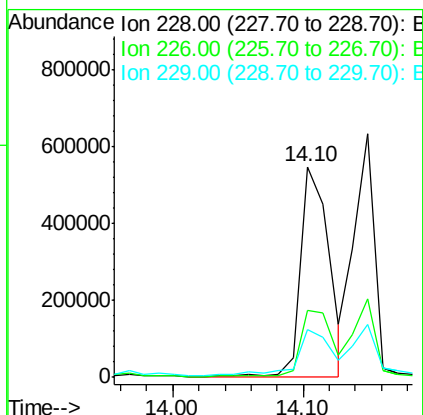
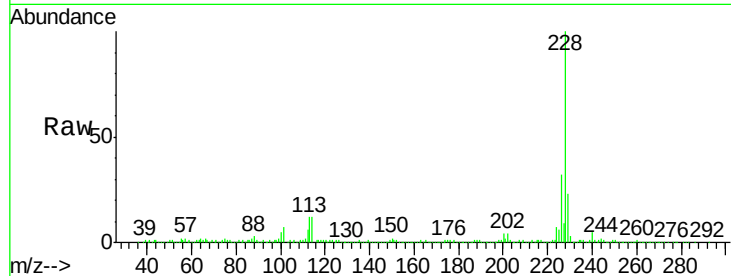




#80
Benzo(a)anthracene
Concen: 32.39 ng
RT: 14.10 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BF081780.D
Acq: 24 Sep 2015 23:31

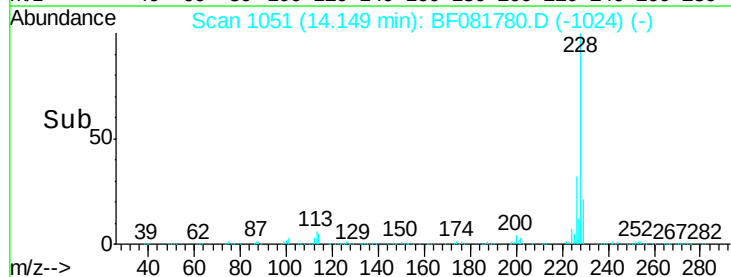
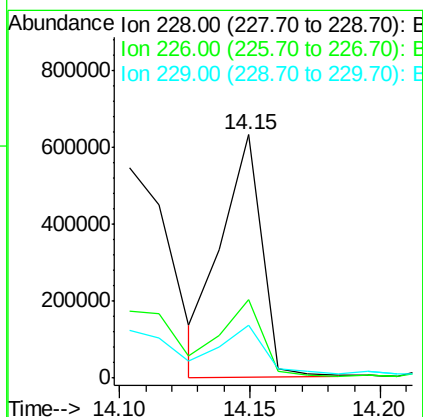
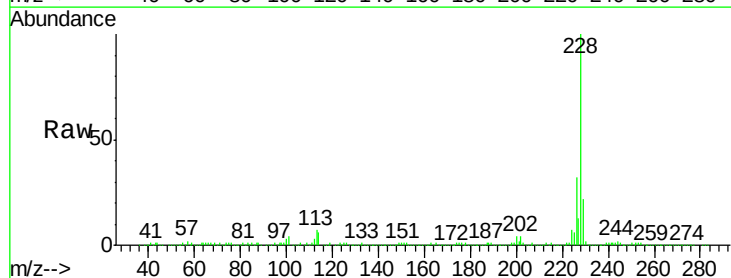
Instrument :
BNA_F
ClientSampleId :
MGP205-10-12DL

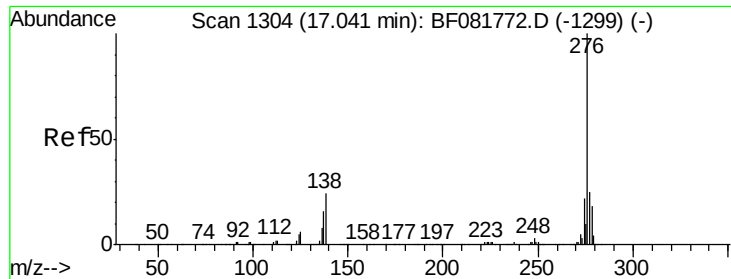
Tot Ion:228 Resp: 818945
Ion Ratio Lower Upper
228 100
226 31.6 20.0 30.0#
229 22.6 15.4 23.2



#82
Chrysene
Concen: 28.06 ng
RT: 14.15 min Scan# 1051
Delta R.T. 0.01 min
Lab File: BF081780.D
Acq: 24 Sep 2015 23:31

Tgt Ion:228 Resp: 680414
Ion Ratio Lower Upper
228 100
226 32.2 21.0 31.4#
229 22.0 15.6 23.4

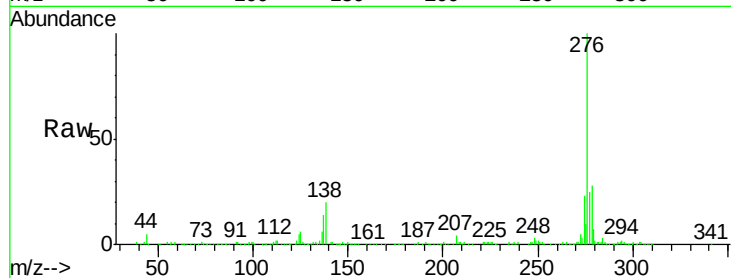




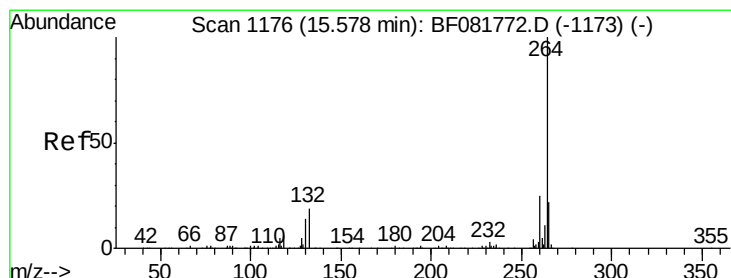
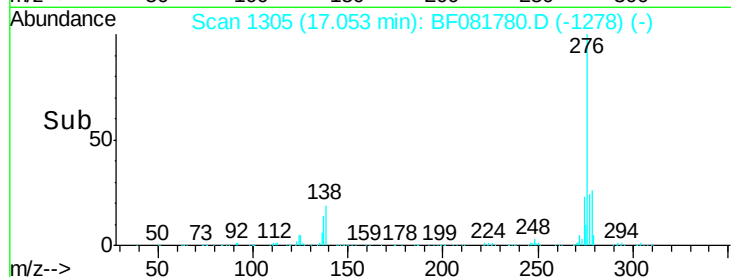
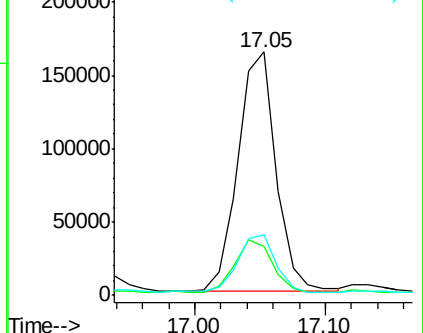
#85
Indeno(1,2,3-cd)pyrene
Concen: 14.83 ng
RT: 17.05 min Scan# 1305
Delta R.T. 0.01 min
Lab File: BF081780.D
Acq: 24 Sep 2015 23:31

Instrument :
BNA_F
ClientSampleId :
MGP205-10-12DL

Tot Ion:276 Resp: 329303
Ion Ratio Lower Upper
276 100
138 22.2 25.7 38.5#
277 24.1 15.6 23.4#

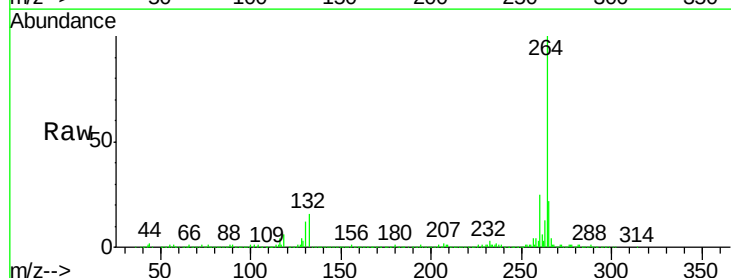


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

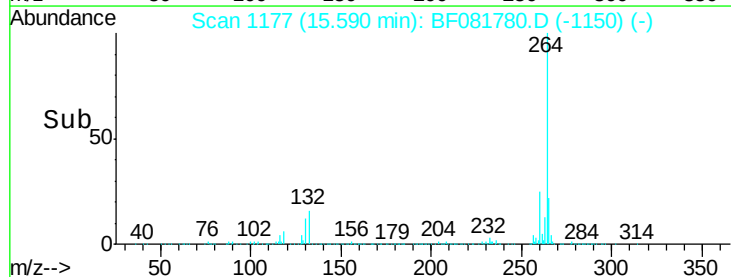
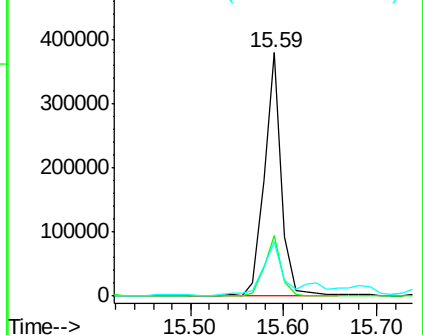


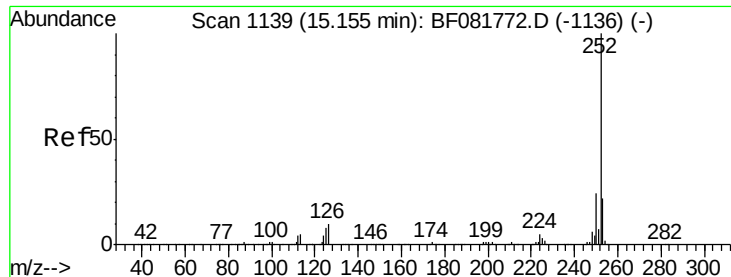
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.59 min Scan# 1177
Delta R.T. 0.01 min
Lab File: BF081780.D
Acq: 24 Sep 2015 23:31

Tgt Ion:264 Resp: 477634
Ion Ratio Lower Upper
264 100
260 24.7 16.7 25.1
265 22.5 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: 26.51 ng

RT: 15.16 min Scan# 1139

Delta R.T. -0.00 min

Lab File: BF081780.D

Acq: 24 Sep 2015 23:31

Instrument :

BNA_F

ClientSampleId :

MGP205-10-12DL

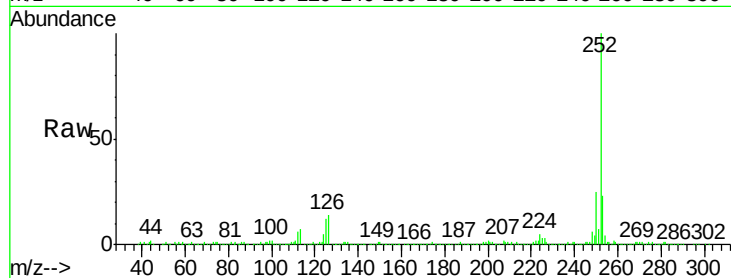
Tot Ion:252 Resp: 750946

Ion Ratio Lower Upper

252 100

253 22.7 17.5 26.3

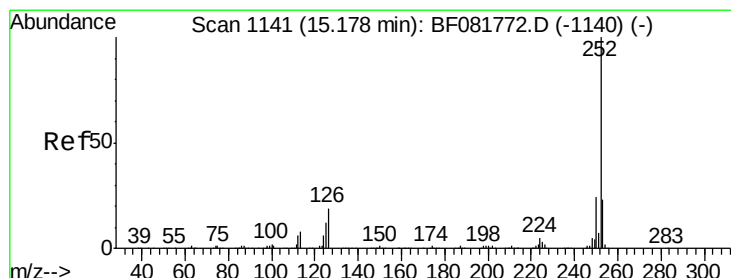
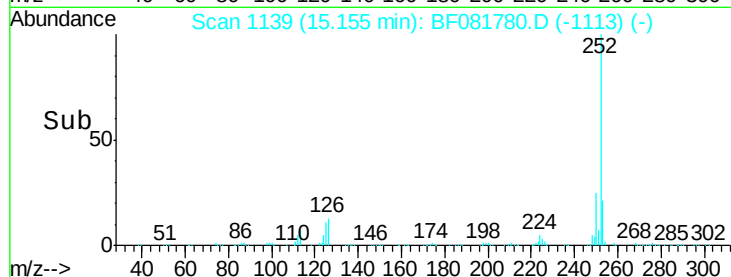
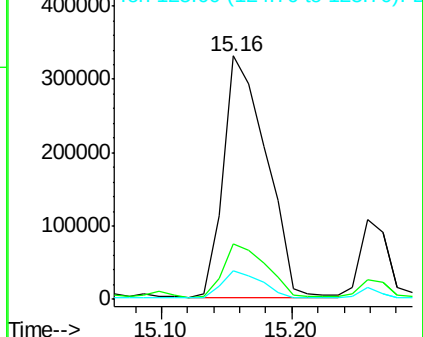
125 11.5 17.1 25.7#



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: 27.52 ng

RT: 15.16 min Scan# 1139

Delta R.T. -0.02 min

Lab File: BF081780.D

Acq: 24 Sep 2015 23:31

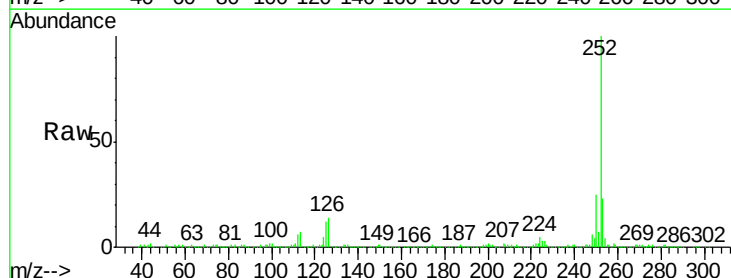
Tgt Ion:252 Resp: 750946

Ion Ratio Lower Upper

252 100

253 22.7 17.0 25.4

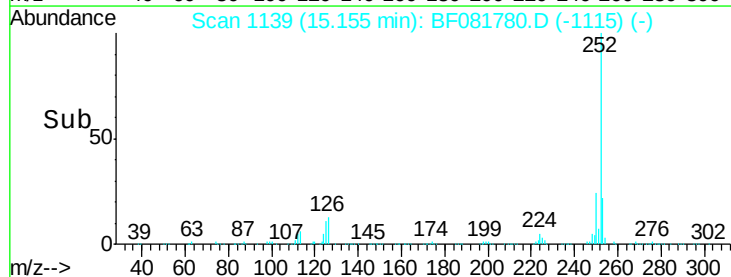
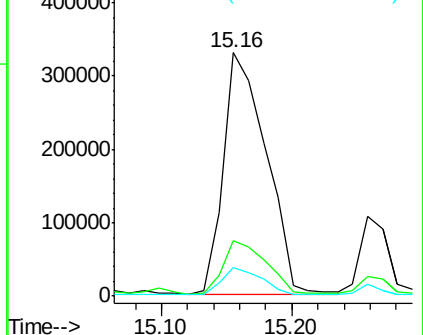
125 11.5 16.0 24.0#

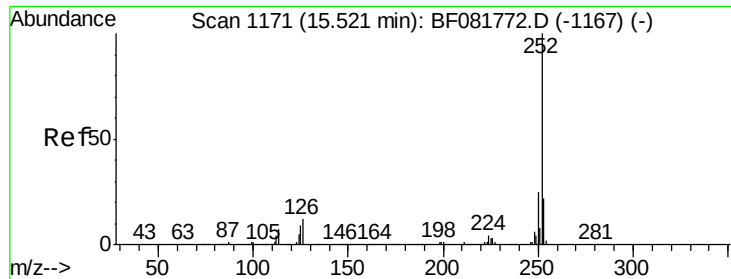


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

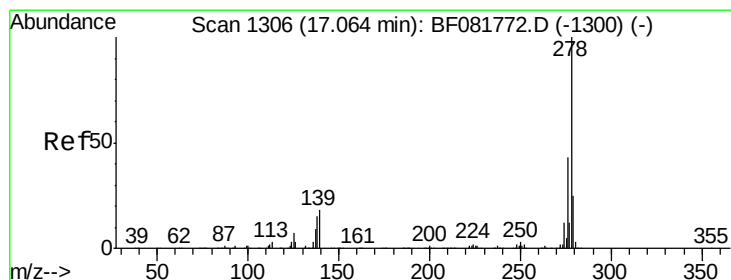
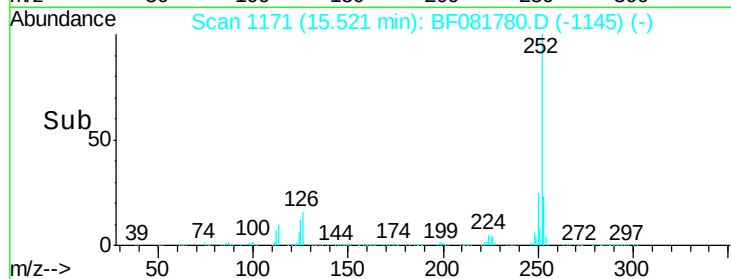
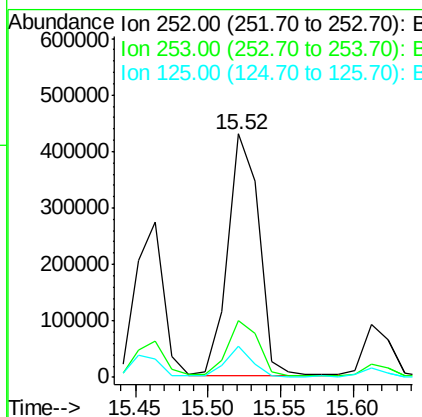
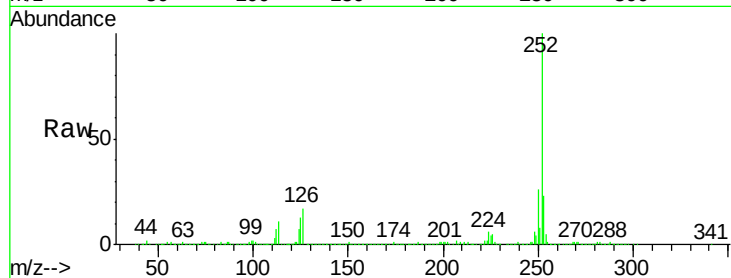




#89
Benzo(a)pyrene
Concen: 25.06 ng
RT: 15.52 min Scan# 1171
Delta R.T. -0.00 min
Lab File: BF081780.D
Acq: 24 Sep 2015 23:31

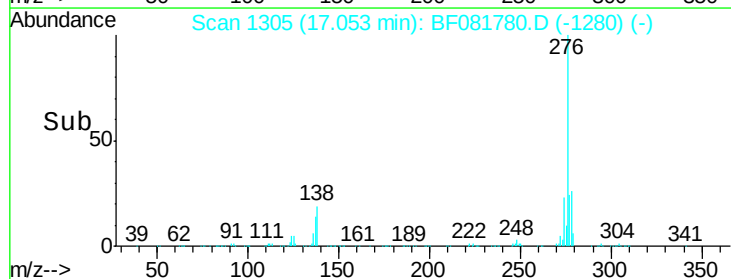
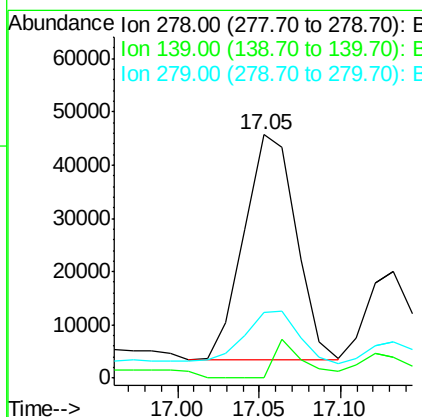
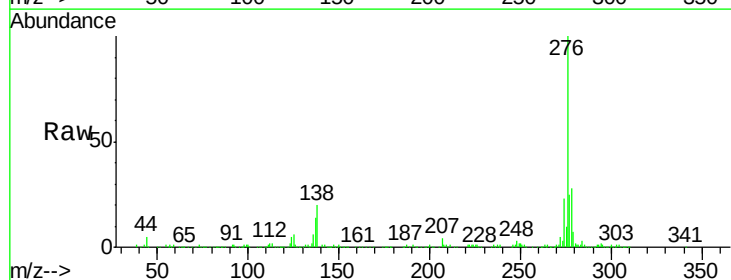
Instrument :
BNA_F
ClientSampleId :
MGP205-10-12DL

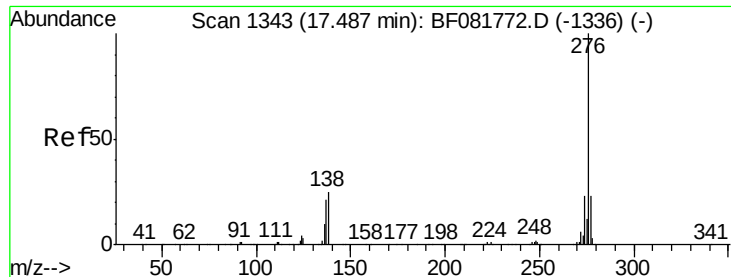
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.2	25.8
125	12.6	18.0	27.0#



#90
Dibenzo(a,h)anthracene
Concen: 3.49 ng
RT: 17.05 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF081780.D
Acq: 24 Sep 2015 23:31

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	26.3	39.5#
279	26.9	18.2	27.4





#91
 Benzo(a,h,i)perylene
 Concen: 13.50 ng
 RT: 17.50 min Scan# 1344
 Delta R.T. 0.01 min
 Lab File: BF081780.D
 Acq: 24 Sep 2015 23:31

Instrument :
 BNA_F
 ClientSampleId :
 MGP205-10-12DL

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	17.8	26.6
138	21.7	34.6	51.8#

