

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042216\
 Data File : BF086399.D
 Acq On : 23 Apr 2016 19:25
 Operator : UM/SJ
 Sample : H2640-23
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WPG-B17(0-6)-C

Quant Time: Apr 25 00:55:29 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 23 00:24:02 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	189183	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	729331	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	312348	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	508792	20.00	ng	0.00
75) Chrysene-d12	14.00	240	319497	20.00	ng	0.00
86) Perylene-d12	15.43	264	295005	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1445811	131.98	ng	0.02
7) Phenol-d6	6.49	99	2008506	134.86	ng	0.01
23) Nitrobenzene-d5	7.41	82	1257889	102.17	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	328676	116.24	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1890261	103.27	ng	0.00
78) Terphenyl-d14	12.96	244	1372219	106.71	ng	0.01

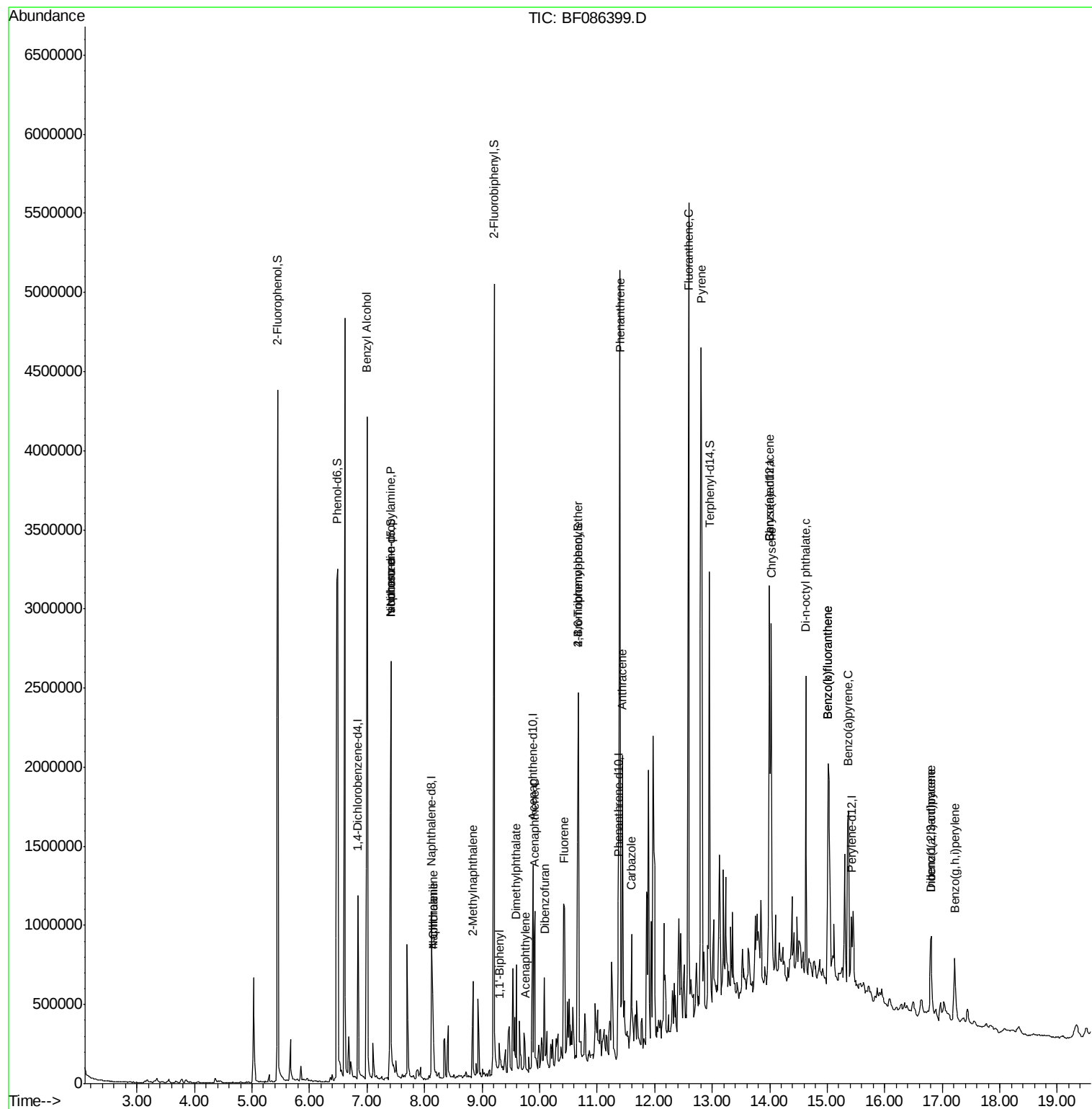
Target Compounds						Qvalue
15) Benzyl Alcohol	7.00	79	20304	2.30	ng	# 37
19) n-Nitroso-di-n-propylamine	7.41	70	166584	18.72	ng	# 78
25) Isophorone	7.41	82	1271574	52.70	ng	# 68
31) Naphthalene	8.14	128	263262	7.09	ng	99
33) 4-Chloroaniline	8.14	127	33604	2.32	ng	# 35
37) 2-Methylnaphthalene	8.84	142	177613	8.29	ng	99
45) 1,1'-Biphenyl	9.30	154	70524	2.91	ng	95
48) Acenaphthylene	9.74	152	80964	2.60	ng	# 96
49) Dimethylphthalate	9.60	163	253511	11.23	ng	99
51) Acenaphthene	9.92	154	312959	16.38	ng	99
54) Dibenzofuran	10.09	168	321378	13.10	ng	94
57) Fluorene	10.43	166	449788	22.37	ng	98
66) 4-Bromophenyl-phenylether	10.67	248	21186	4.25	ng	# 1
70) Phenanthrene	11.40	178	3116259	121.90	ng	99
71) Anthracene	11.44	178	1154711	39.42	ng	98
72) Carbazole	11.60	167	384973	13.99	ng	99
74) Fluoranthene	12.59	202	2544722	92.30	ng	97
77) Pyrene	12.81	202	2740387	122.98	ng	97
80) Benzo(a)anthracene	14.00	228	1241513	74.85	ng	99
82) Chrysene	14.03	228	1114445	59.64	ng	97
84) Di-n-octyl phthalate	14.63	149	206759	9.27	ng	# 47
85) Indeno(1,2,3-cd)pyrene	16.81	276	433162	26.08	ng	# 91
87) Benzo(b)fluoranthene	15.01	252	1378341	85.12	ng	97
88) Benzo(k)fluoranthene	15.01	252	1378341	86.73	ng	# 95
89) Benzo(a)pyrene	15.37	252	769817	48.19	ng	98
90) Dibenzo(a,h)anthracene	16.81	278	87283	6.62	ng	92
91) Benzo(g,h,i)perylene	17.22	276	395205	29.05	ng	95

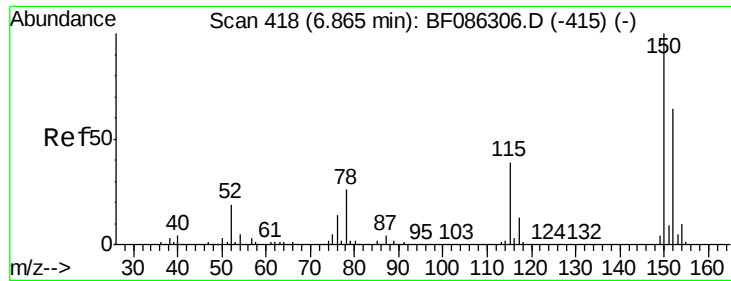
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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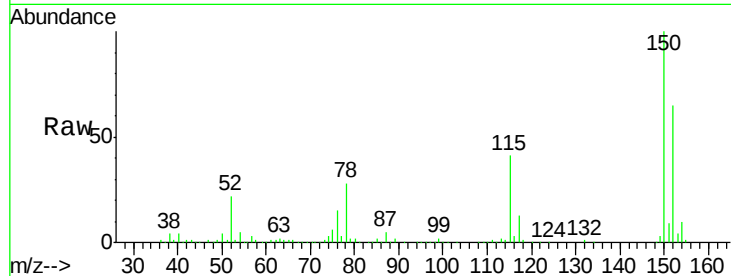




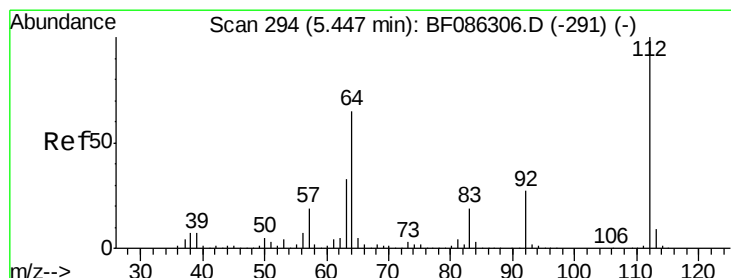
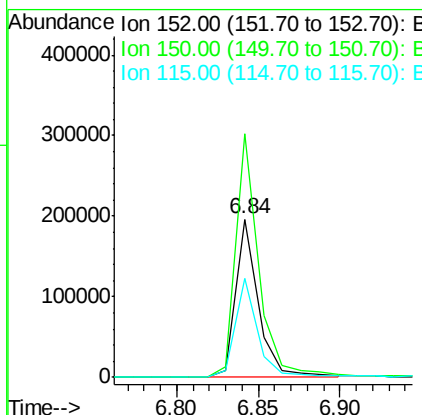
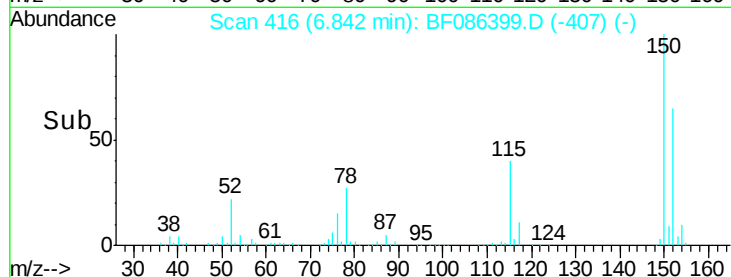
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.84 min Scan# 416
 Delta R.T. 0.00 min
 Lab File: BF086399.D
 Acq: 23 Apr 2016 19:25

Instrument :
 BNA_F
 ClientSampleId :
 WPG-B17(0-6)-C

Tgt Ion:152 Resp: 189183
 Ion Ratio Lower Upper
 152 100
 150 153.9 125.8 188.6
 115 62.4 51.5 77.3

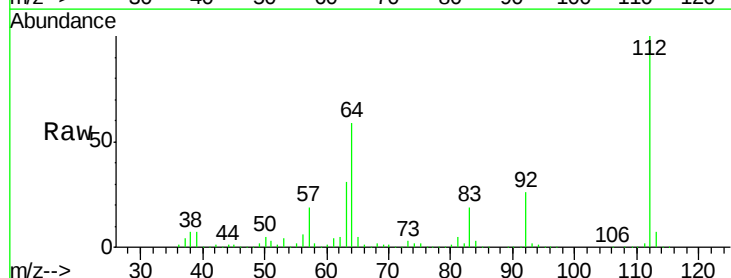


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

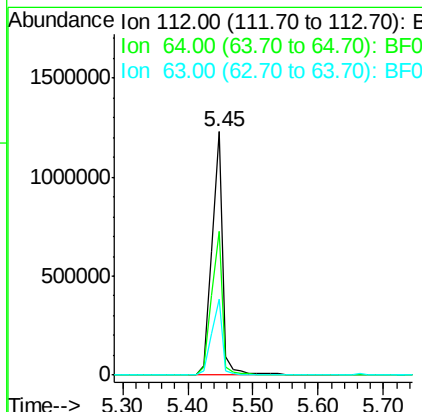
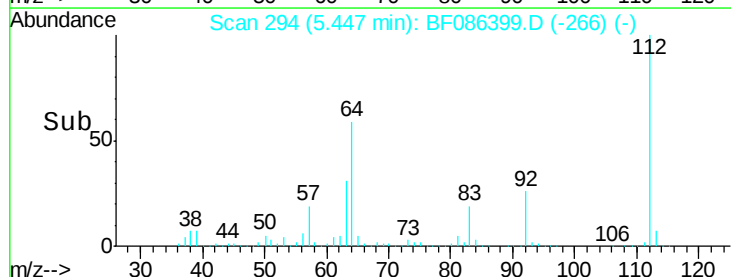


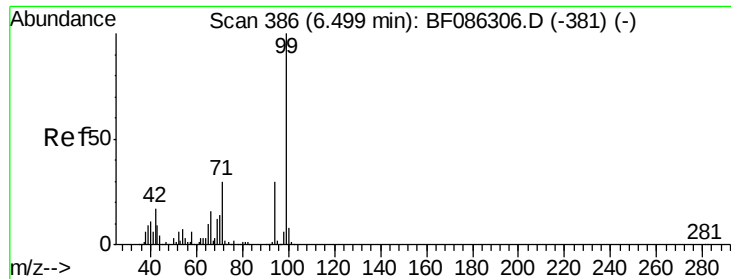
#5
 2-Fluorophenol
 Concen: 131.98 ng
 RT: 5.45 min Scan# 294
 Delta R.T. 0.02 min
 Lab File: BF086399.D
 Acq: 23 Apr 2016 19:25

Tgt Ion:112 Resp: 1445811
 Ion Ratio Lower Upper
 112 100
 64 58.9 52.1 78.1
 63 31.4 25.7 38.5



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: 134.86 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.01 min

Lab File: BF086399.D

Acq: 23 Apr 2016 19:25

Instrument :

BNA_F

ClientSampleId :

WPG-B17(0-6)-C

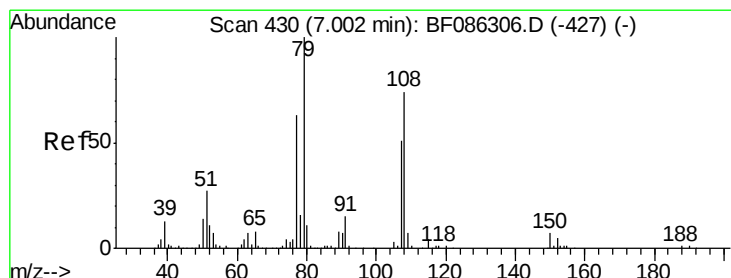
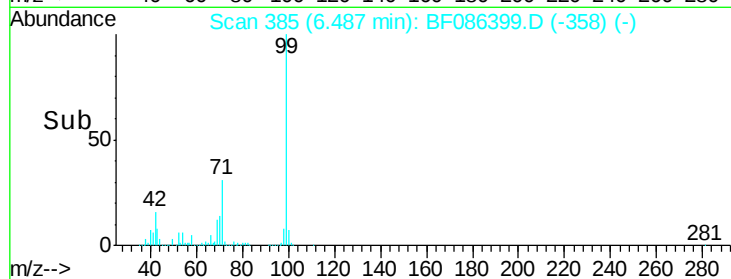
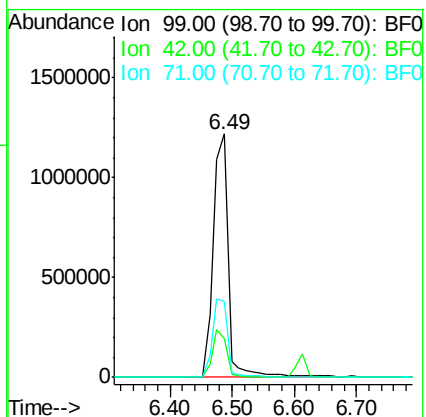
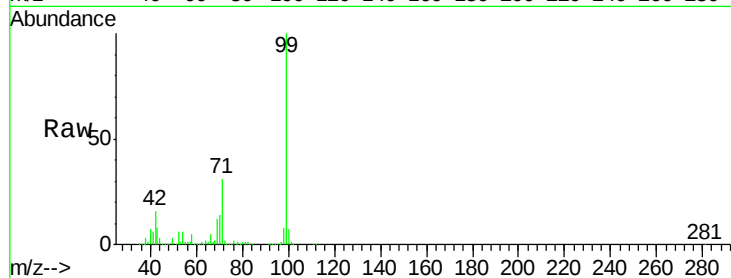
Tgt Ion: 99 Resp: 2008506

Ion Ratio Lower Upper

99 100

42 16.1 13.6 20.4

71 31.3 24.6 36.8



#15

Benzyl Alcohol

Concen: 2.30 ng

RT: 7.00 min Scan# 430

Delta R.T. 0.01 min

Lab File: BF086399.D

Acq: 23 Apr 2016 19:25

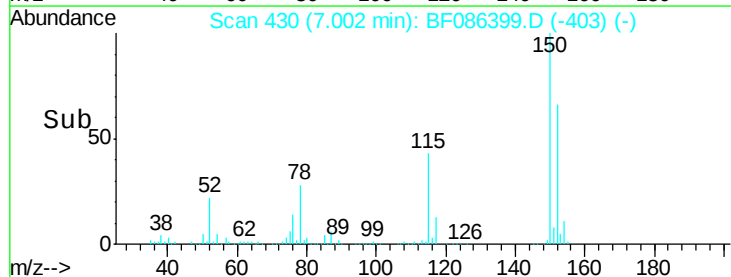
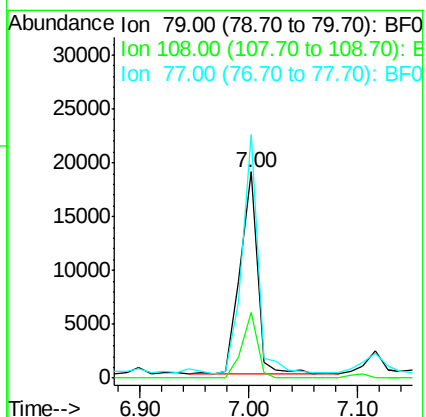
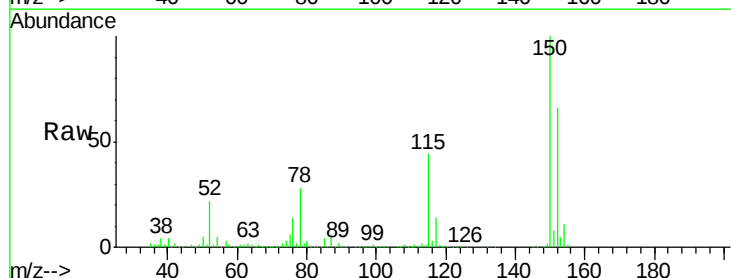
Tgt Ion: 79 Resp: 20304

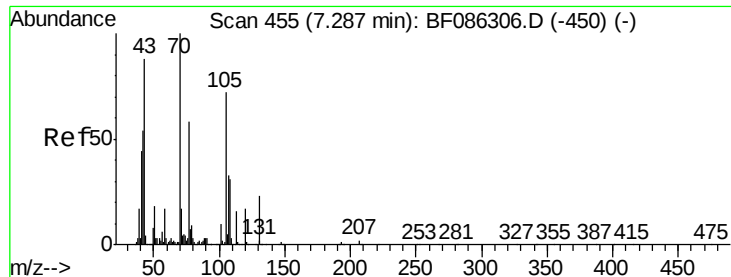
Ion Ratio Lower Upper

79 100

108 32.1 68.4 102.6#

77 118.0 50.6 76.0#

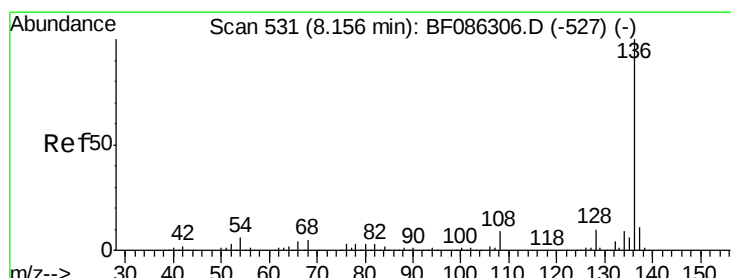
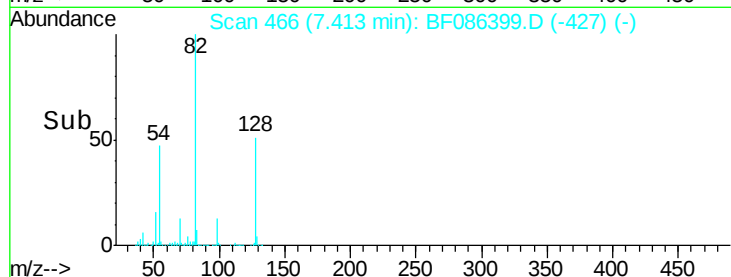
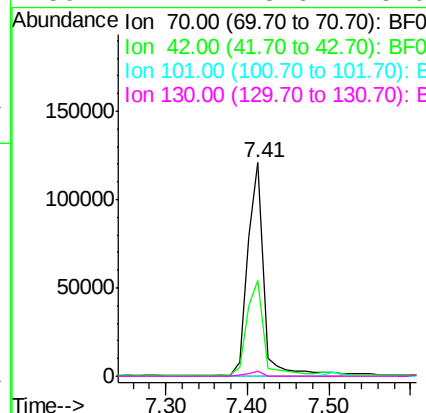
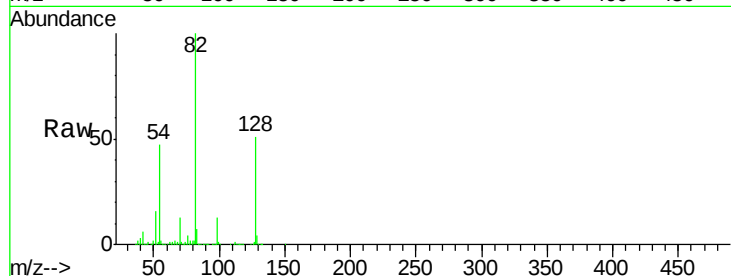




#19
n-Nitroso-di-n-propylamine
Concen: 18.72 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.15 min
Lab File: BF086399.D
Acq: 23 Apr 2016 19:25

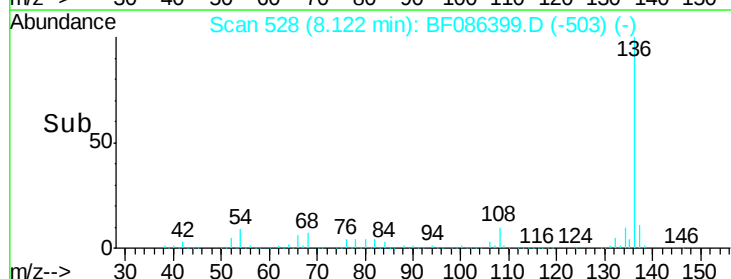
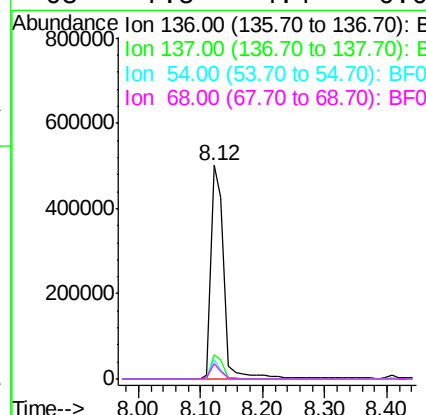
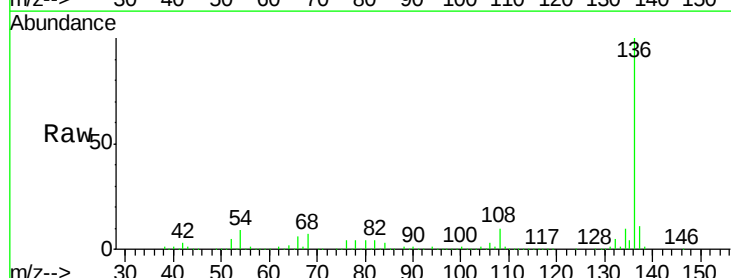
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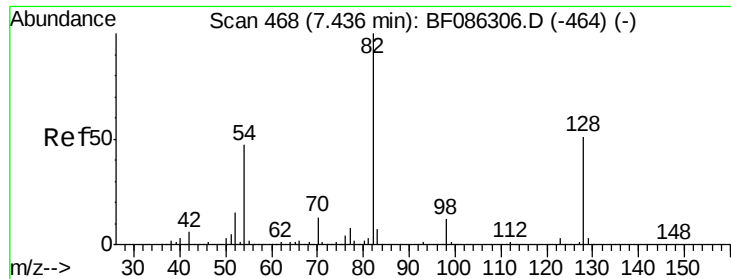
Tgt Ion: 70 Resp: 166584
Ion Ratio Lower Upper
70 100
42 45.3 43.1 64.7
101 0.0 8.1 12.1#
130 2.4 18.6 28.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF086399.D
Acq: 23 Apr 2016 19:25

Tgt Ion: 136 Resp: 729331
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 9.2 5.0 7.4#
68 7.5 4.4 6.6#

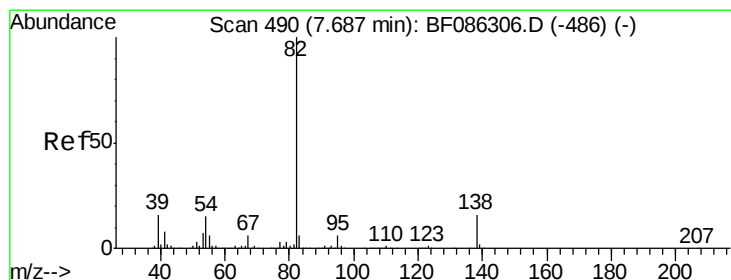
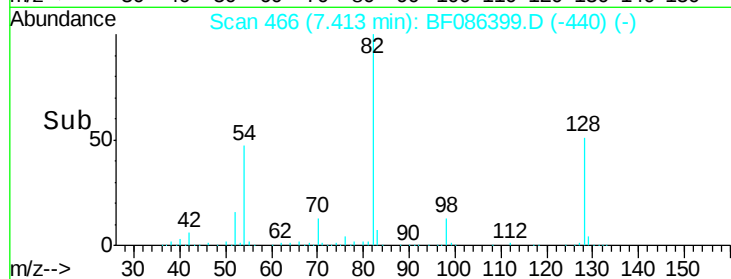
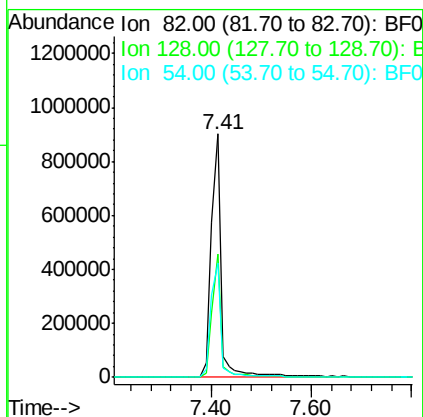
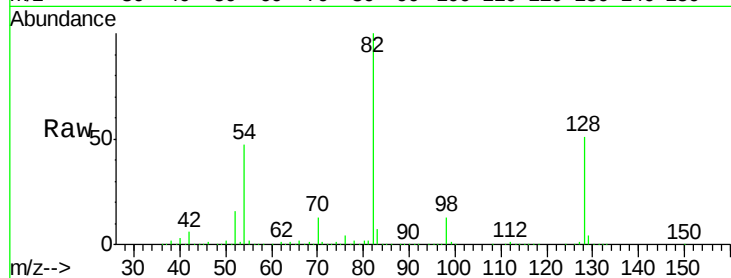




#23
Nitrobenzene-d5
Concen: 102.17 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.00 min
Lab File: BF086399.D
Acq: 23 Apr 2016 19:25

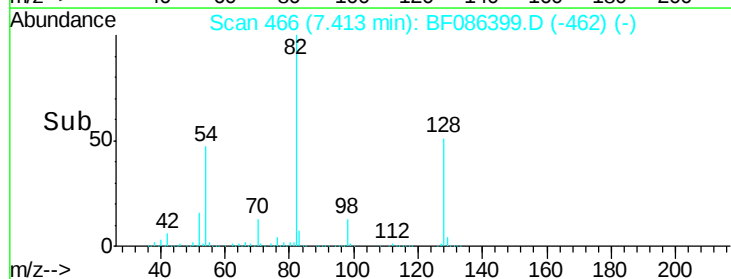
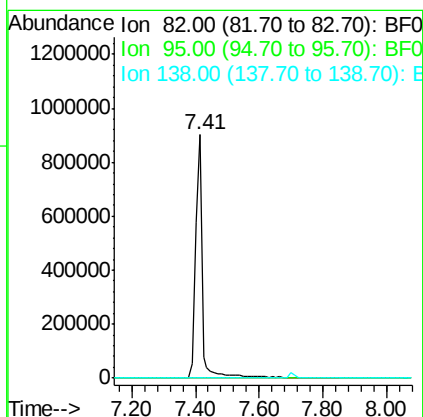
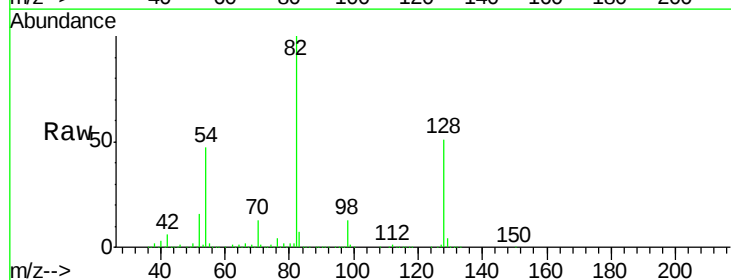
Instrument :
BNA_F
ClientSampleId :
WPG-B17(0-6)-C

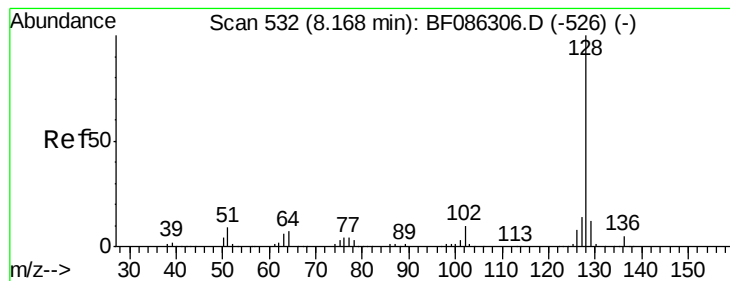
Tgt Ion: 82 Resp: 1257889
Ion Ratio Lower Upper
82 100
128 50.8 40.6 61.0
54 47.1 38.1 57.1



#25
Isophorone
Concen: 52.70 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.25 min
Lab File: BF086399.D
Acq: 23 Apr 2016 19:25

Tgt Ion: 82 Resp: 1271574
Ion Ratio Lower Upper
82 100
95 0.0 5.1 7.7#
138 0.0 12.4 18.6#





#31

Naphthalene

Concen: 7.09 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF086399.D

Acq: 23 Apr 2016 19:25

Instrument :

BNA_F

ClientSampleId :

WPG-B17(0-6)-C

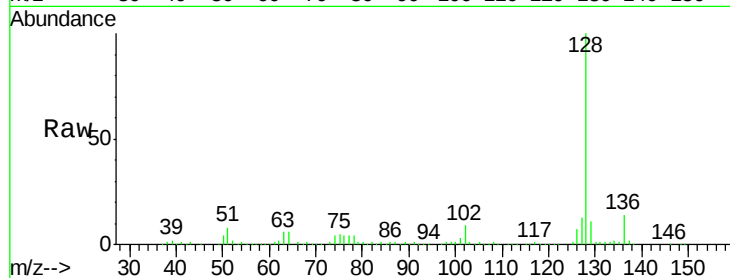
Tgt Ion:128 Resp: 263262

Ion Ratio Lower Upper

128 100

129 11.1 8.6 13.0

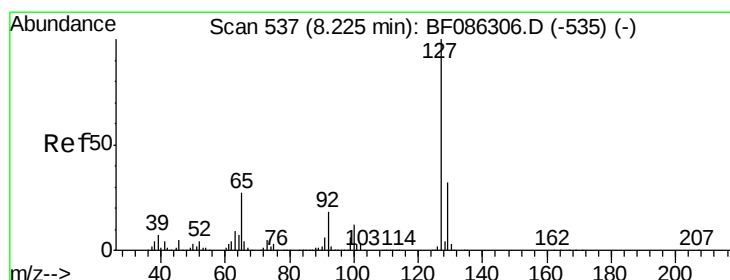
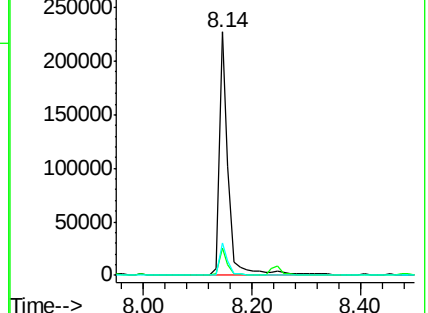
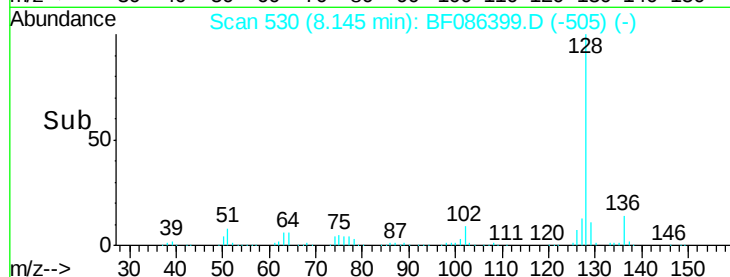
127 13.4 10.8 16.2



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



#33

4-Chloroaniline

Concen: 2.32 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.06 min

Lab File: BF086399.D

Acq: 23 Apr 2016 19:25

Tgt Ion:127 Resp: 33604

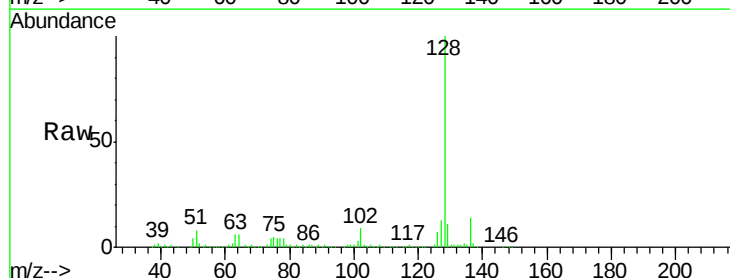
Ion Ratio Lower Upper

127 100

129 83.1 26.2 39.4#

65 0.0 23.0 34.4#

92 1.4 15.1 22.7#

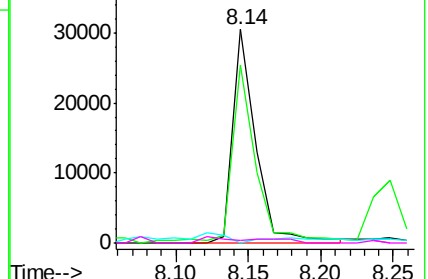
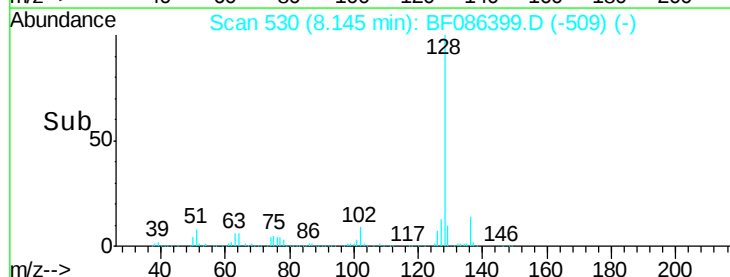


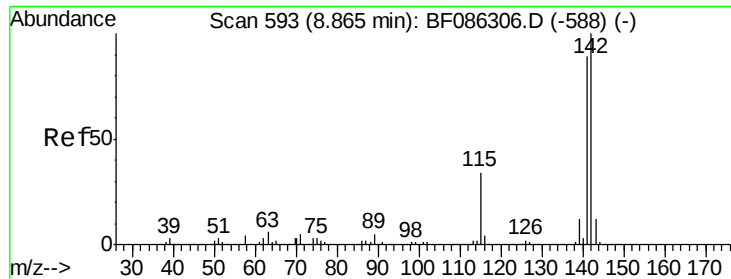
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

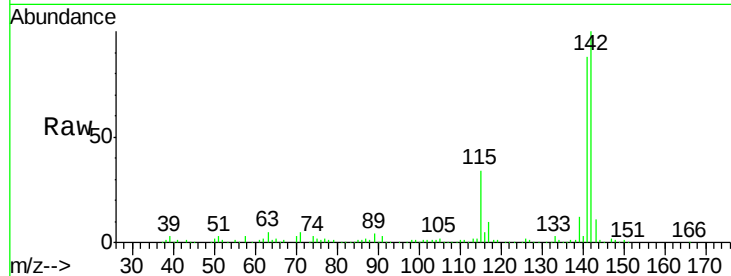




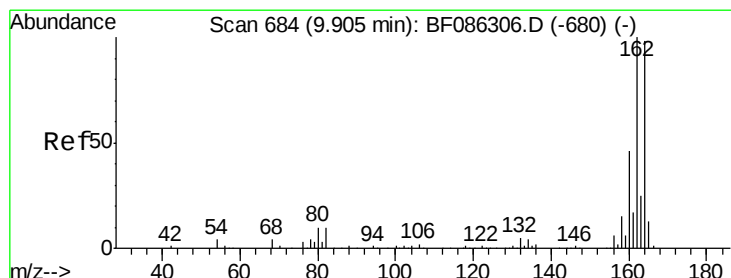
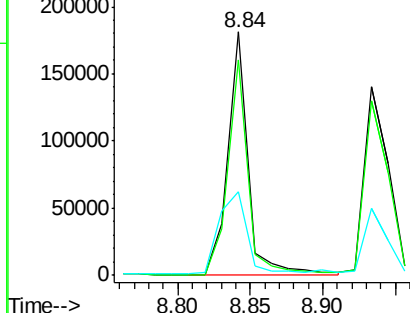
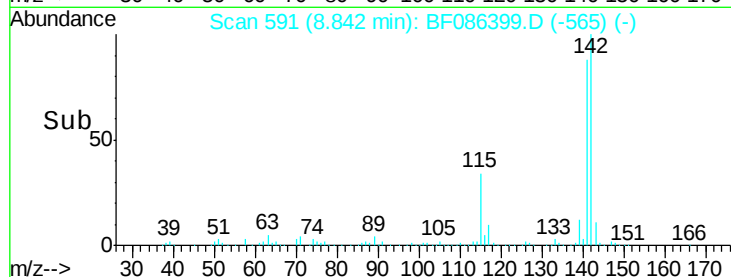
#37
 2-Methylnaphthalene
 Concen: 8.29 ng
 RT: 8.84 min Scan# 591
 Delta R.T. 0.00 min
 Lab File: BF086399.D
 Acq: 23 Apr 2016 19:25

Instrument :
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Tgt Ion:142 Resp: 177613
 Ion Ratio Lower Upper
 142 100
 141 88.4 71.0 106.6
 115 34.4 26.6 39.8

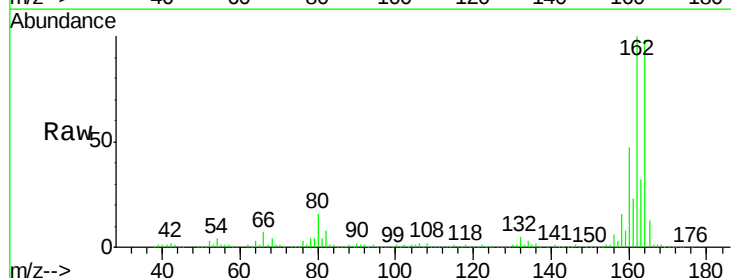


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

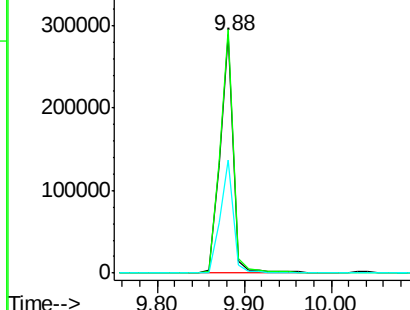
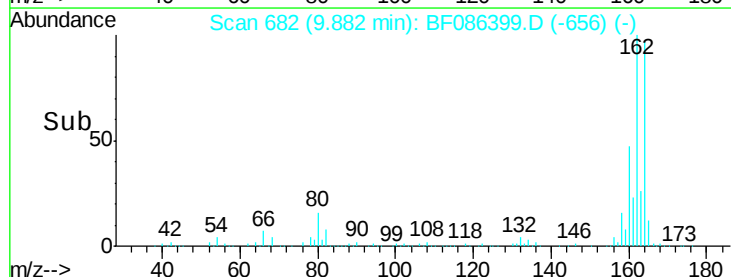


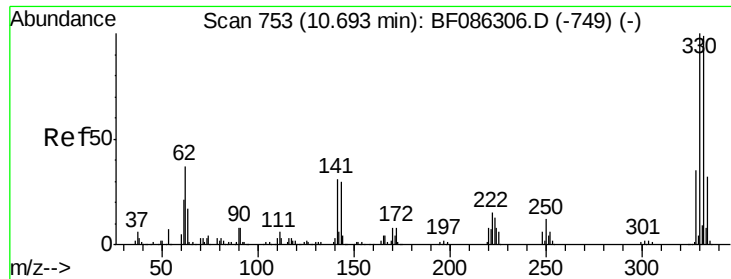
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 682
 Delta R.T. 0.00 min
 Lab File: BF086399.D
 Acq: 23 Apr 2016 19:25

Tgt Ion:164 Resp: 312348
 Ion Ratio Lower Upper
 164 100
 162 102.3 82.8 124.2
 160 47.6 36.9 55.3



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

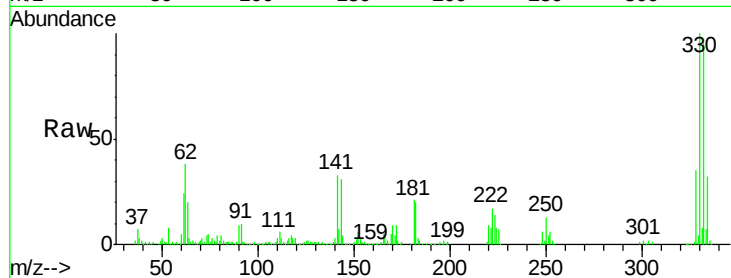




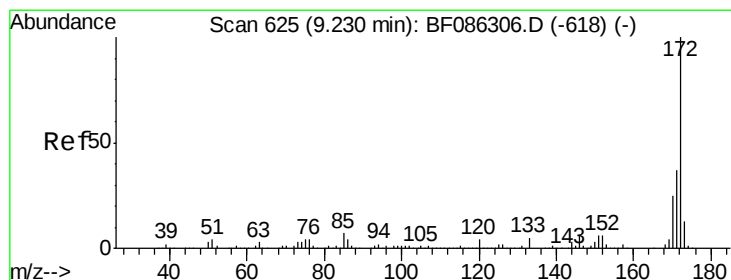
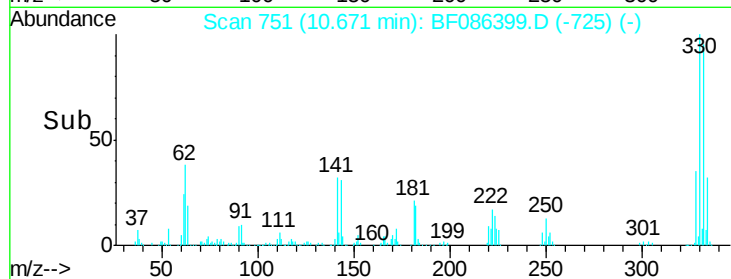
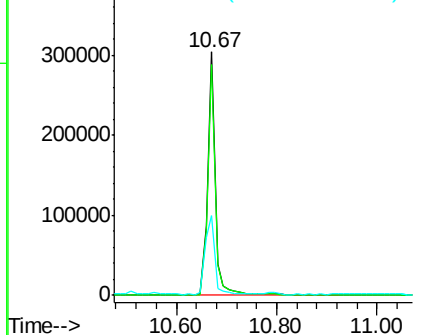
#41
 2,4,6-Tribromophenol
 Concen: 116.24 ng
 RT: 10.67 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: BF086399.D
 Acq: 23 Apr 2016 19:25

Instrument :
 BNA_F
 ClientSampleId :
 WPG-B17(0-6)-C

Tgt Ion:330 Resp: 328676
 Ion Ratio Lower Upper
 330 100
 332 95.3 79.0 118.4
 141 39.9 31.2 46.8

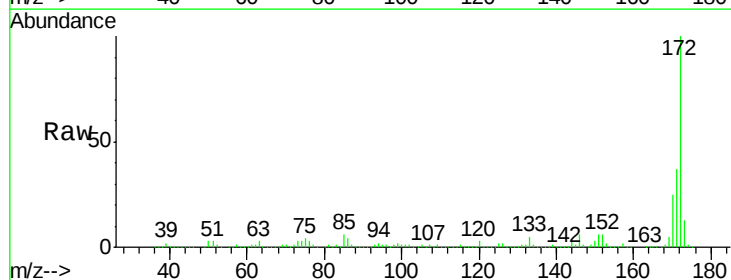


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

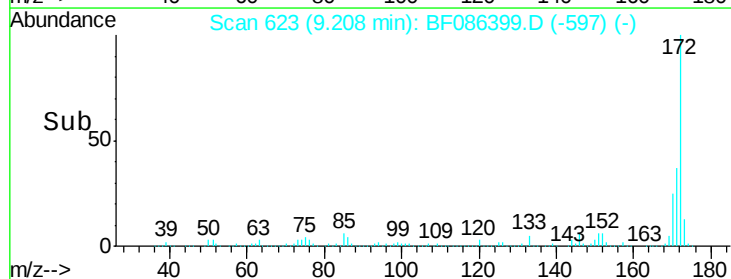
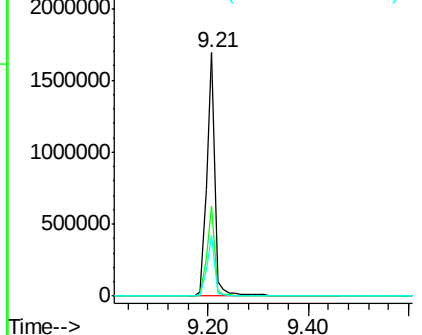


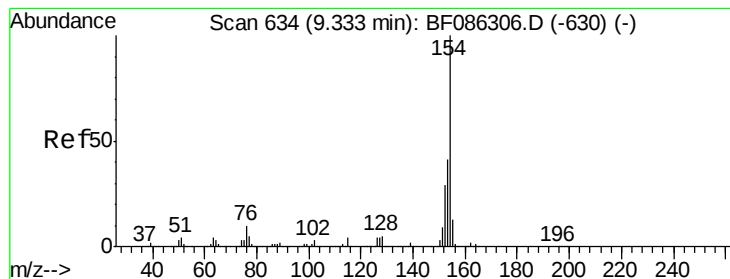
#44
 2-Fluorobiphenyl
 Concen: 103.27 ng
 RT: 9.21 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF086399.D
 Acq: 23 Apr 2016 19:25

Tgt Ion:172 Resp: 1890261
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.0 43.6
 170 25.1 19.8 29.8



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: 2.91 ng

RT: 9.30 min Scan# 631

Delta R.T. -0.01 min

Lab File: BF086399.D

Acq: 23 Apr 2016 19:25

Instrument :

BNA_F

ClientSampleId :

WPG-B17(0-6)-C

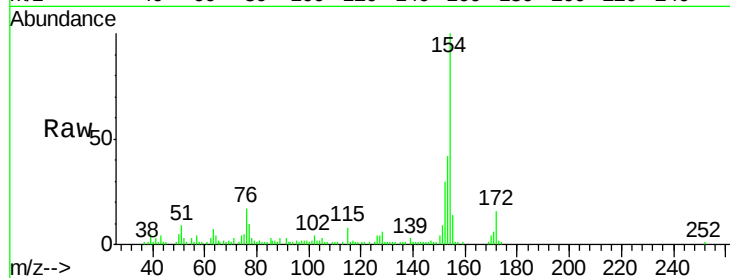
Tgt Ion:154 Resp: 70524

Ion Ratio Lower Upper

154 100

153 41.6 20.3 60.3

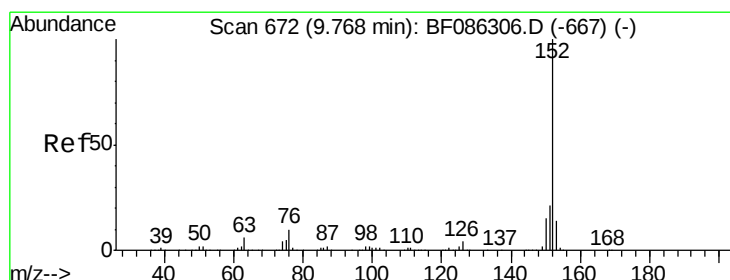
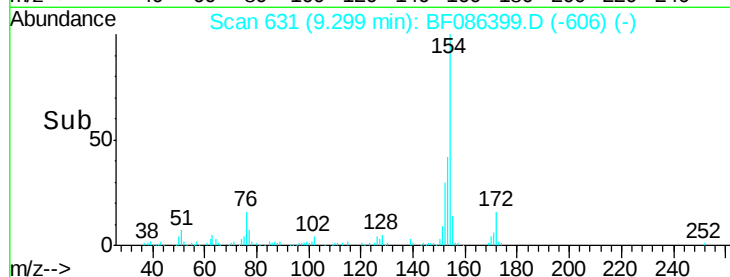
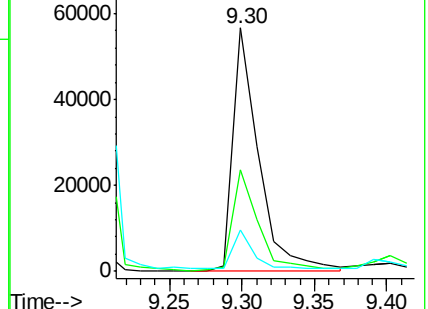
76 17.0 0.0 30.2



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



#48

Acenaphthylene

Concen: 2.60 ng

RT: 9.74 min Scan# 670

Delta R.T. 0.00 min

Lab File: BF086399.D

Acq: 23 Apr 2016 19:25

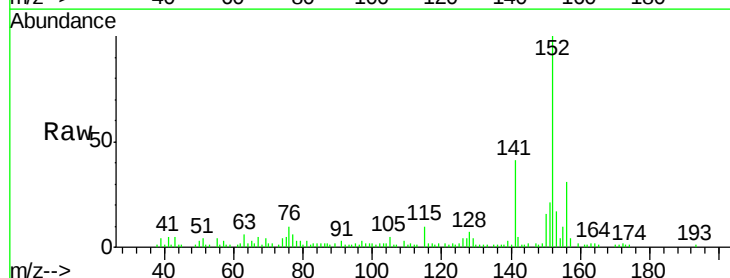
Tgt Ion:152 Resp: 80964

Ion Ratio Lower Upper

152 100

151 21.2 16.8 25.2

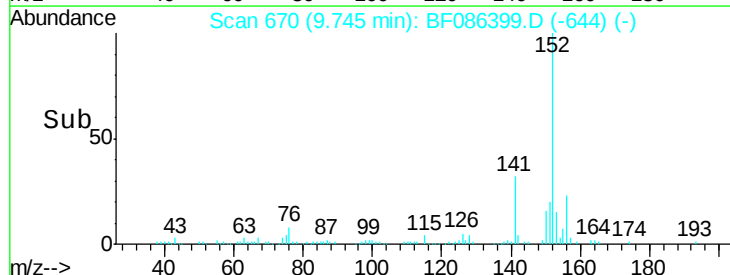
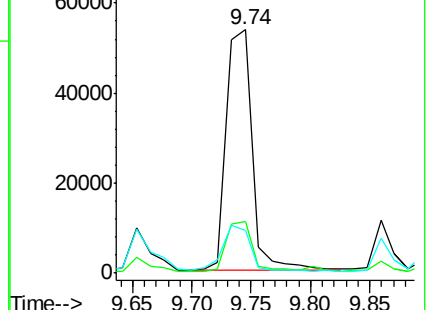
153 17.3 10.9 16.3#

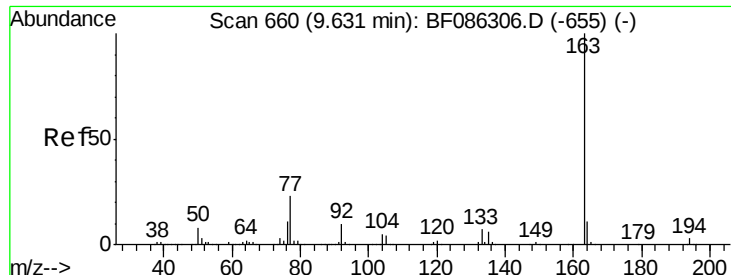


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 11.23 ng

RT: 9.60 min Scan# 657

Delta R.T. -0.01 min

Lab File: BF086399.D

Acq: 23 Apr 2016 19:25

Instrument :

BNA_F

ClientSampleId :

WPG-B17(0-6)-C

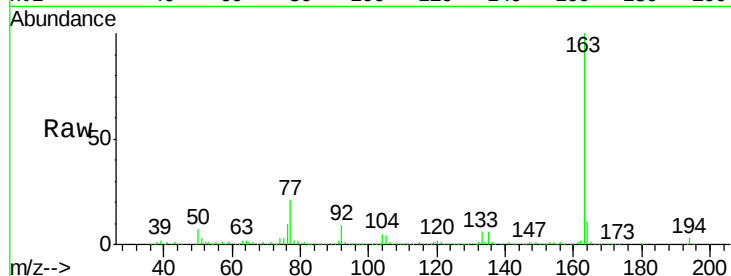
Tgt Ion:163 Resp: 253511

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

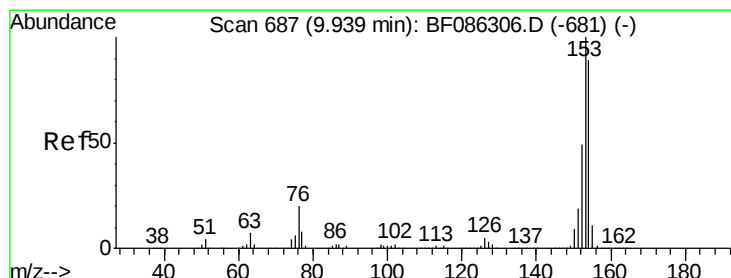
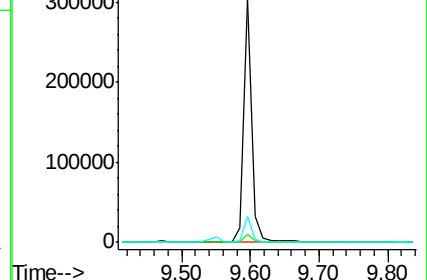
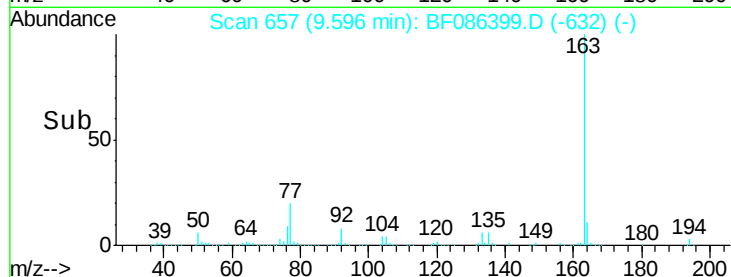
164 10.7 8.2 12.4



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: 16.38 ng

RT: 9.92 min Scan# 685

Delta R.T. 0.00 min

Lab File: BF086399.D

Acq: 23 Apr 2016 19:25

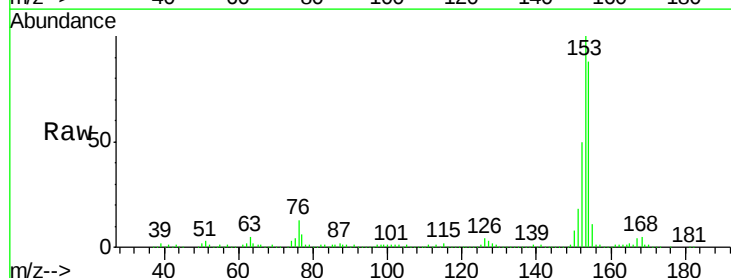
Tgt Ion:154 Resp: 312959

Ion Ratio Lower Upper

154 100

153 113.0 89.8 134.6

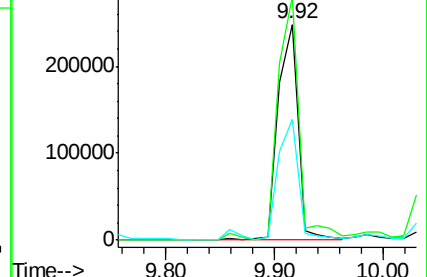
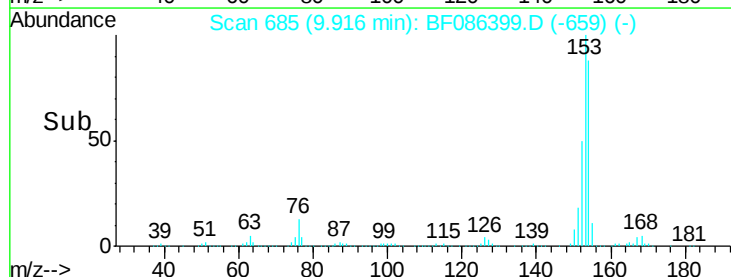
152 56.2 43.4 65.0

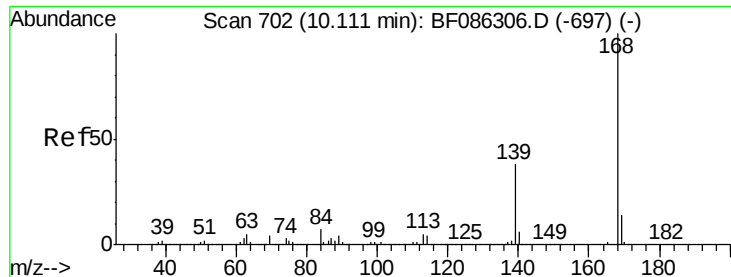


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

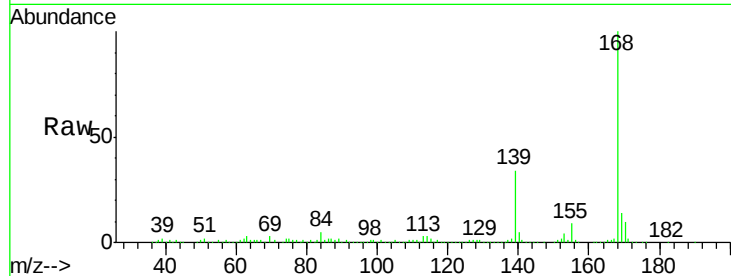




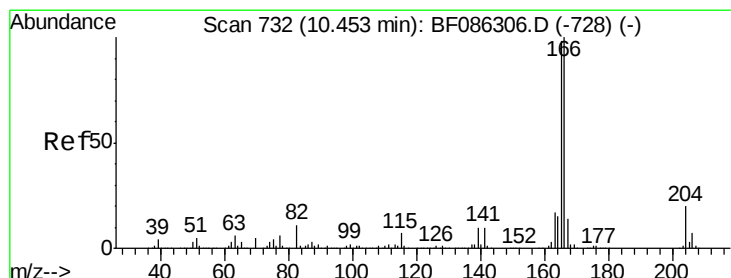
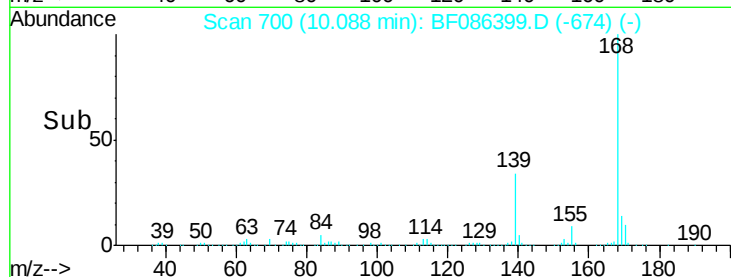
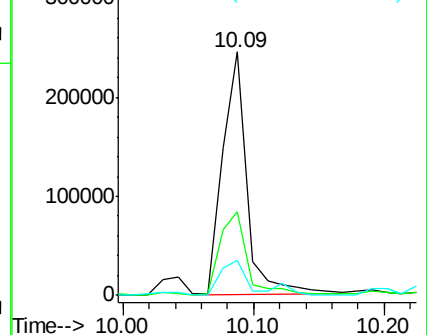
#54
Dibenzofuran
Concen: 13.10 ng
RT: 10.09 min Scan# 700
Delta R.T. 0.00 min
Lab File: BF086399.D
Acq: 23 Apr 2016 19:25

Instrument :
BNA_F
ClientSampleId :
WPG-B17(0-6)-C

Tgt Ion:168 Resp: 321378
Ion Ratio Lower Upper
168 100
139 34.3 31.4 47.0
169 14.1 10.7 16.1

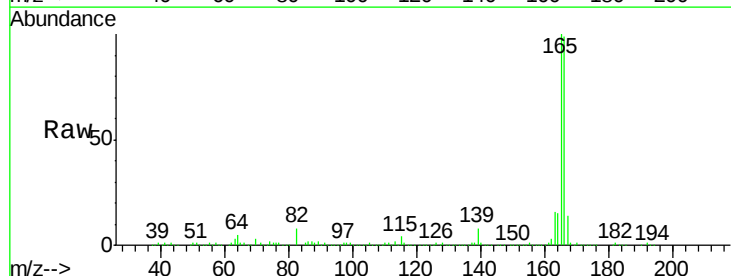


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

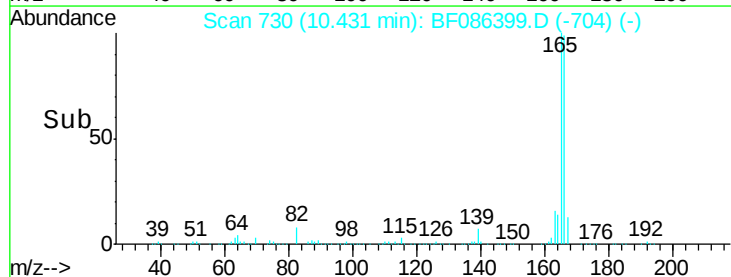
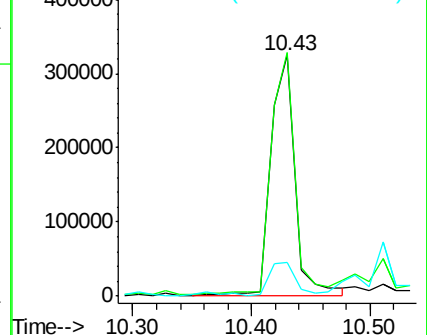


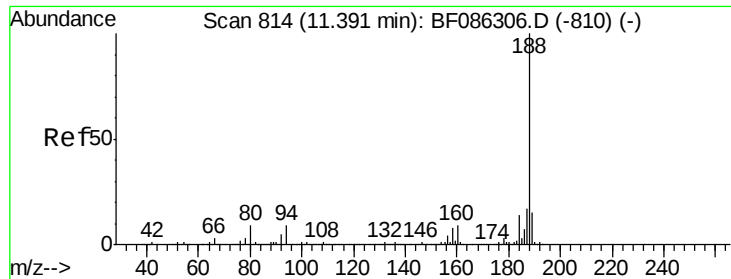
#57
Fluorene
Concen: 22.37 ng
RT: 10.43 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF086399.D
Acq: 23 Apr 2016 19:25

Tgt Ion:166 Resp: 449788
Ion Ratio Lower Upper
166 100
165 101.3 79.0 118.6
167 13.8 10.6 15.8



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

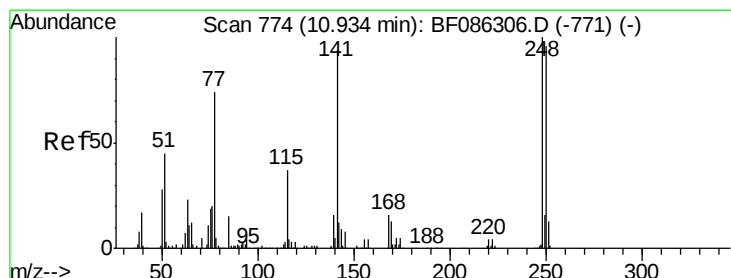
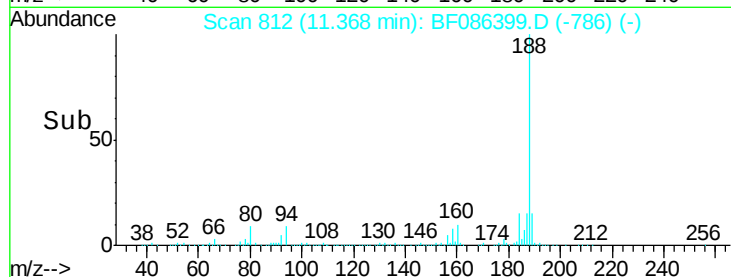
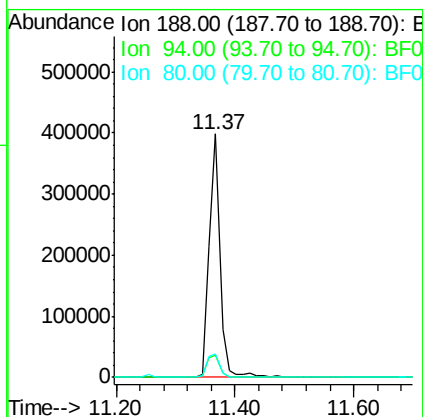
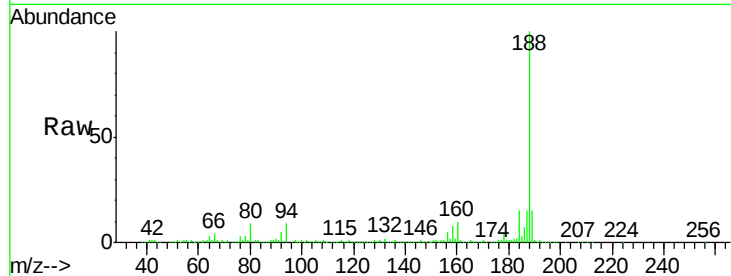




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF086399.D
Acq: 23 Apr 2016 19:25

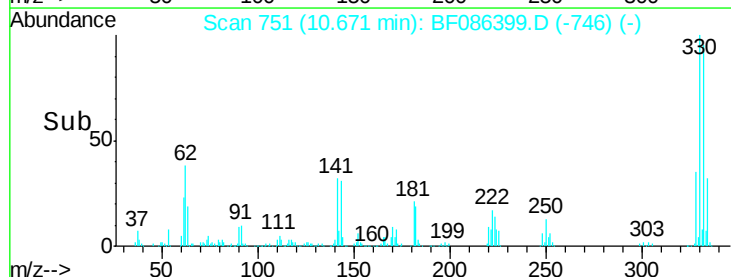
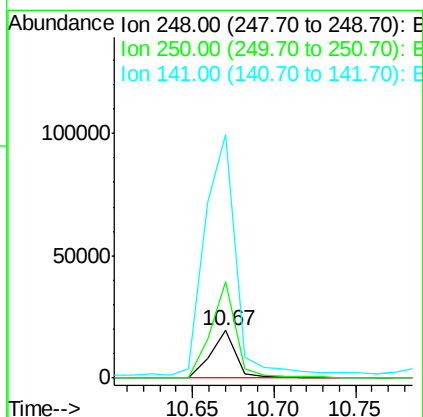
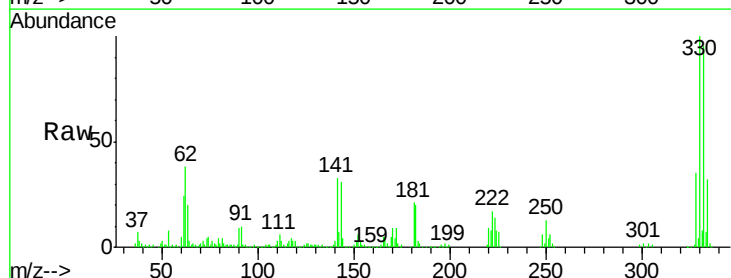
Instrument :
BNA_F
ClientSampleId :
WPG-B17(0-6)-C

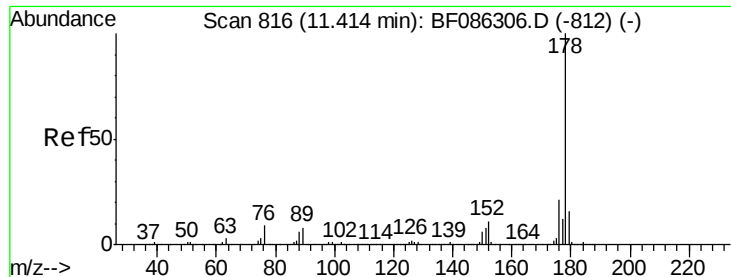
Tgt Ion:188 Resp: 508792
Ion Ratio Lower Upper
188 100
94 9.2 6.8 10.2
80 9.5 7.1 10.7



#66
4-Bromophenyl-phenylether
Concen: 4.25 ng
RT: 10.67 min Scan# 751
Delta R.T. -0.24 min
Lab File: BF086399.D
Acq: 23 Apr 2016 19:25

Tgt Ion:248 Resp: 21186
Ion Ratio Lower Upper
248 100
250 201.3 78.6 117.8#
141 510.7 76.0 114.0#

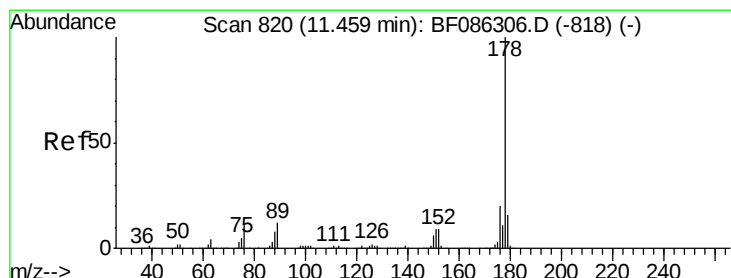
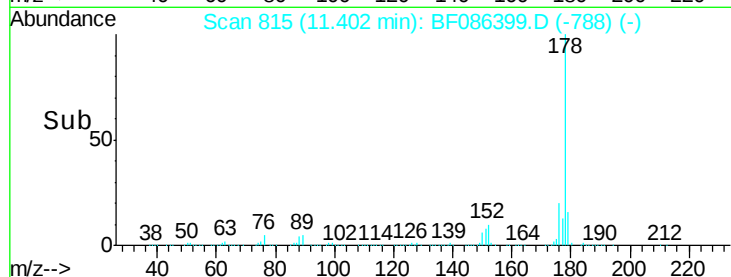
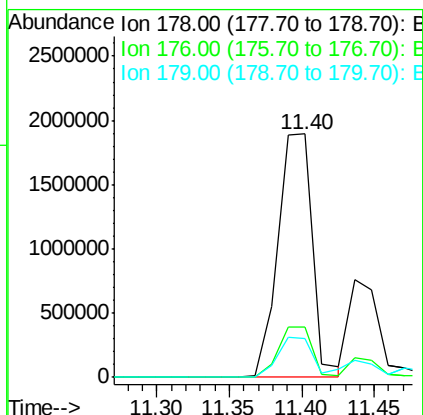
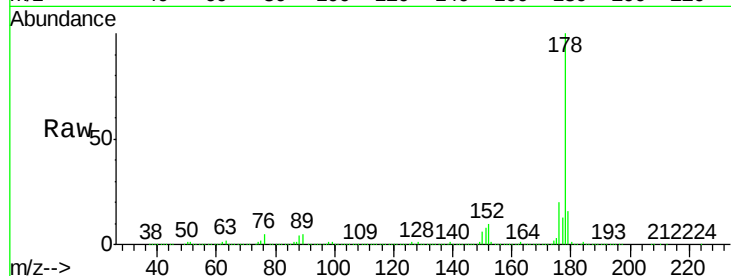




#70
Phenanthrene
Concen: 121.90 ng
RT: 11.40 min Scan# 815
Delta R.T. 0.01 min
Lab File: BF086399.D
Acq: 23 Apr 2016 19:25

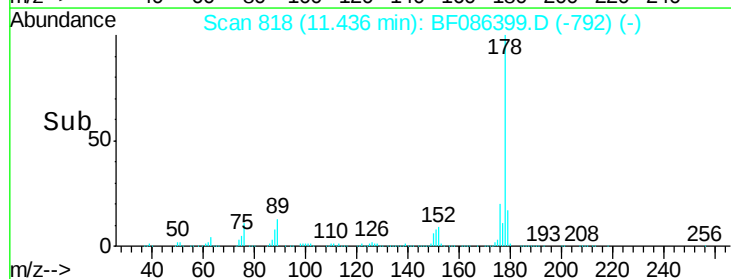
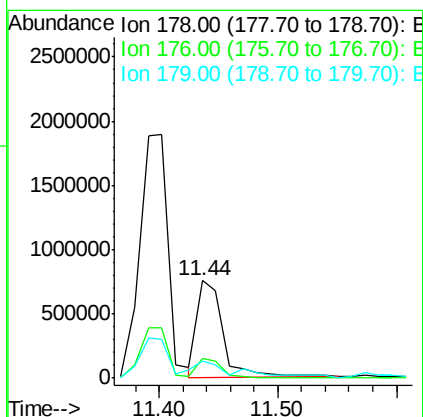
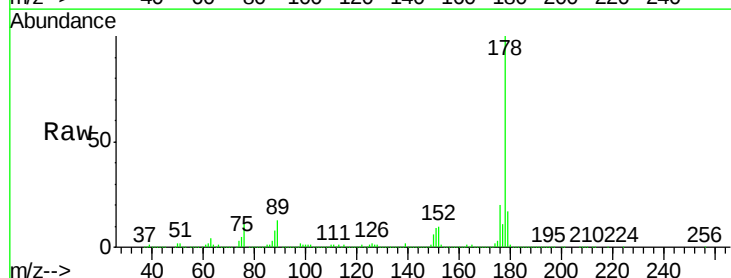
Instrument :
BNA_F
ClientSampleId :
WPG-B17(0-6)-C

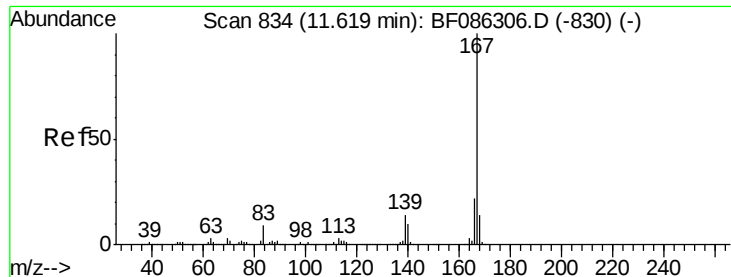
Tgt Ion:178 Resp: 3116259
Ion Ratio Lower Upper
178 100
176 20.4 16.0 24.0
179 15.7 12.6 18.8



#71
Anthracene
Concen: 39.42 ng
RT: 11.44 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF086399.D
Acq: 23 Apr 2016 19:25

Tgt Ion:178 Resp: 1154711
Ion Ratio Lower Upper
178 100
176 19.6 15.6 23.4
179 17.3 12.7 19.1





#72

Carbazole

Concen: 13.99 ng

RT: 11.60 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF086399.D

Acq: 23 Apr 2016 19:25

Instrument :

BNA_F

ClientSampleId :

WPG-B17(0-6)-C

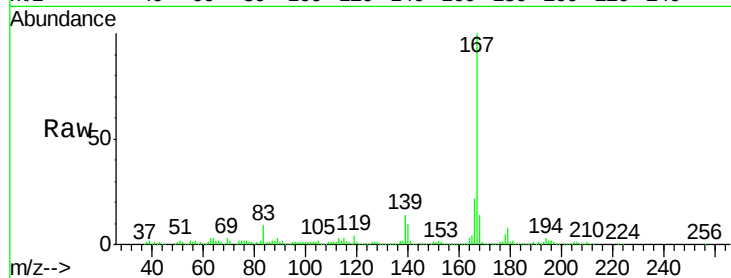
Tgt Ion:167 Resp: 384973

Ion Ratio Lower Upper

167 100

166 22.5 17.7 26.5

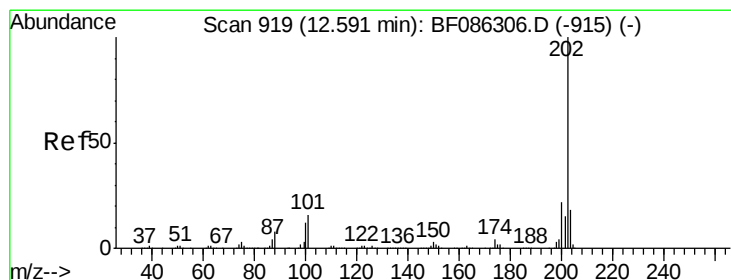
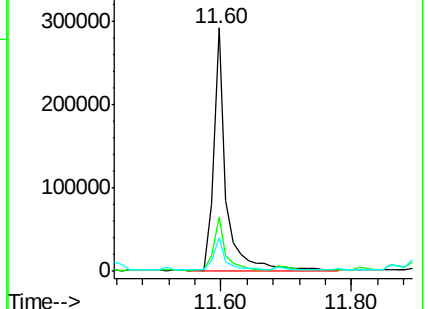
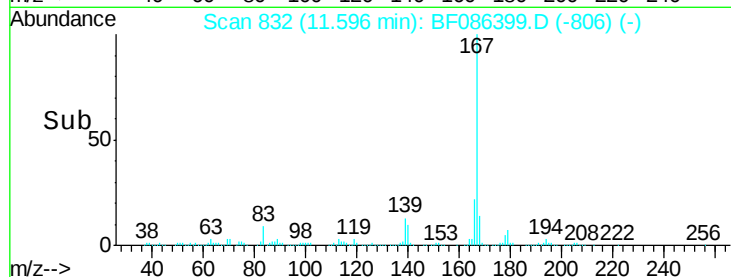
139 13.6 10.8 16.2



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: 92.30 ng

RT: 12.59 min Scan# 919

Delta R.T. 0.02 min

Lab File: BF086399.D

Acq: 23 Apr 2016 19:25

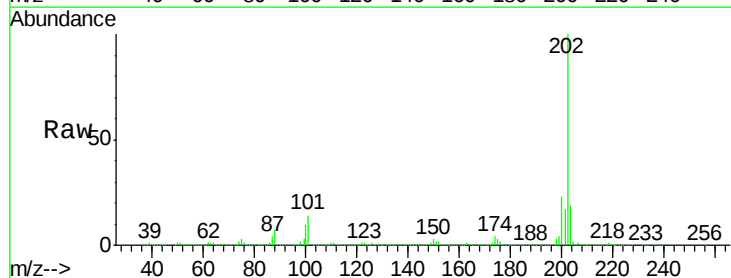
Tgt Ion:202 Resp: 2544722

Ion Ratio Lower Upper

202 100

101 13.6 0.0 35.4

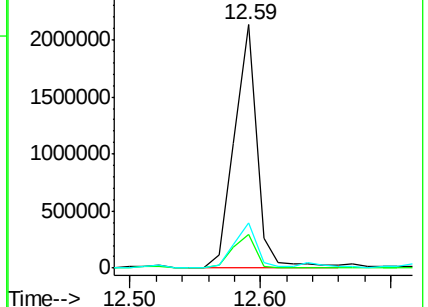
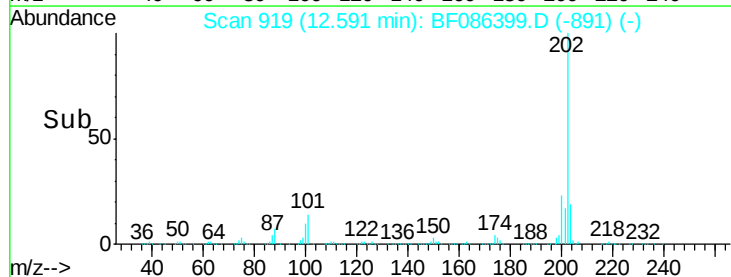
203 18.8 0.0 38.1

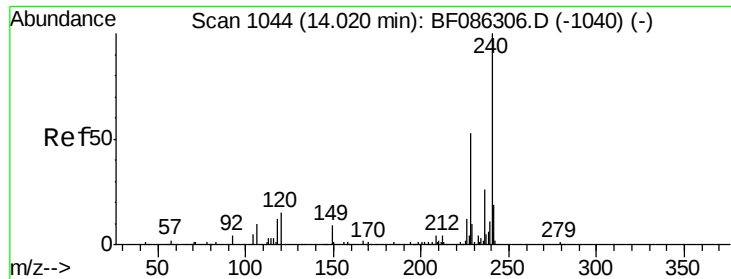


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.00 min Scan# 1042

Delta R.T. 0.00 min

Lab File: BF086399.D

Acq: 23 Apr 2016 19:25

Instrument :

BNA_F

ClientSampleId :

WPG-B17(0-6)-C

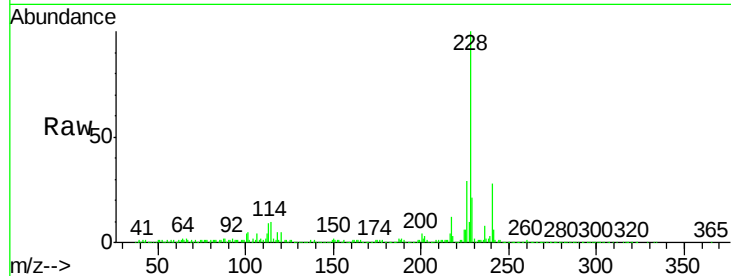
Tgt Ion:240 Resp: 319497

Ion Ratio Lower Upper

240 100

120 19.3 11.2 16.8#

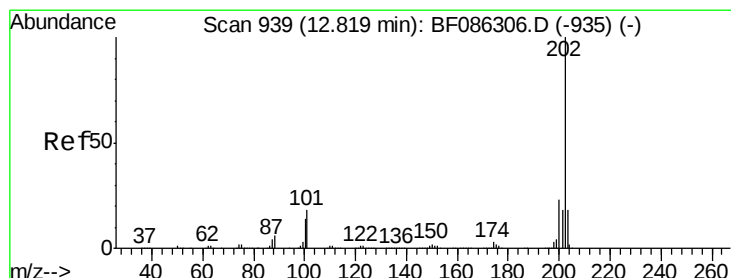
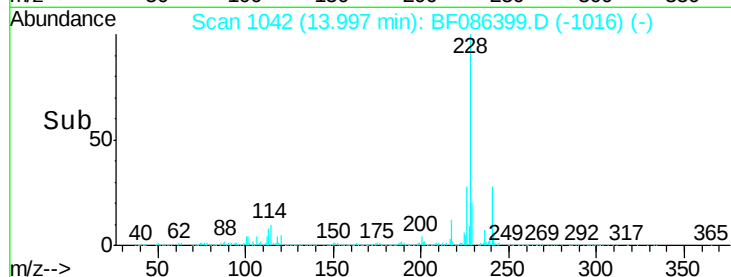
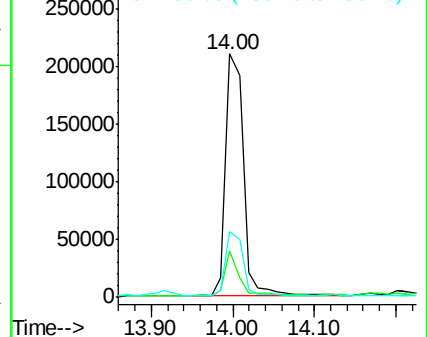
236 27.0 21.2 31.8



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: 122.98 ng

RT: 12.81 min Scan# 938

Delta R.T. 0.01 min

Lab File: BF086399.D

Acq: 23 Apr 2016 19:25

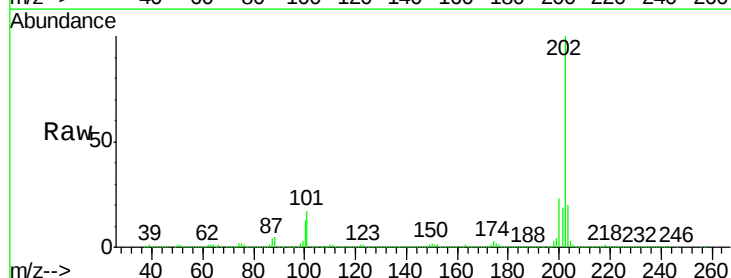
Tgt Ion:202 Resp: 2740387

Ion Ratio Lower Upper

202 100

200 22.7 17.7 26.5

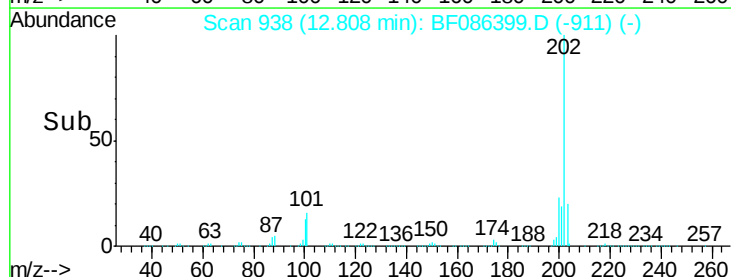
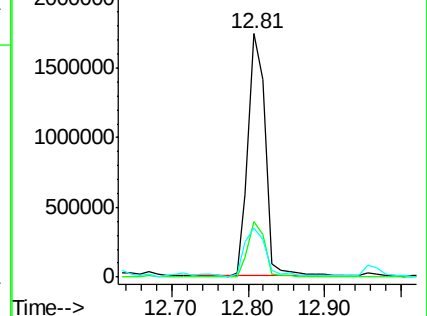
203 20.1 14.2 21.4

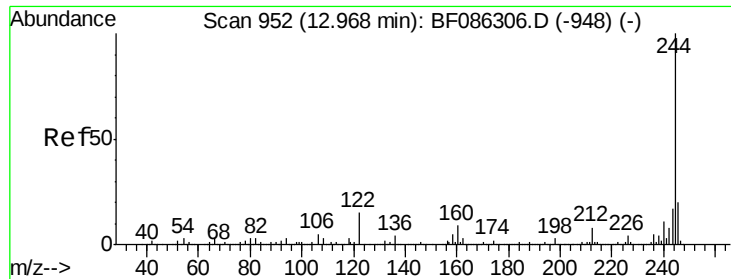


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

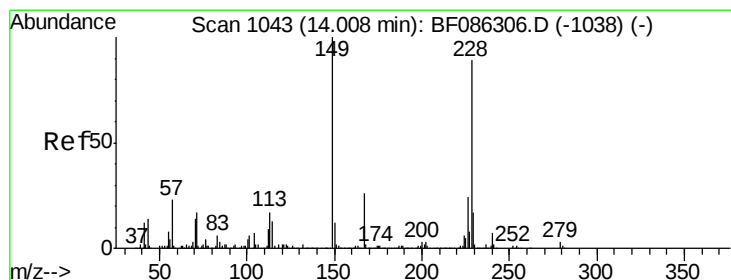
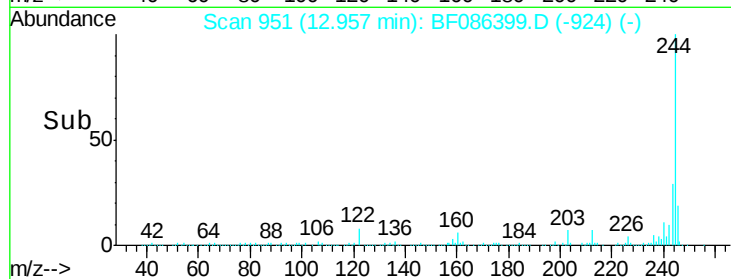
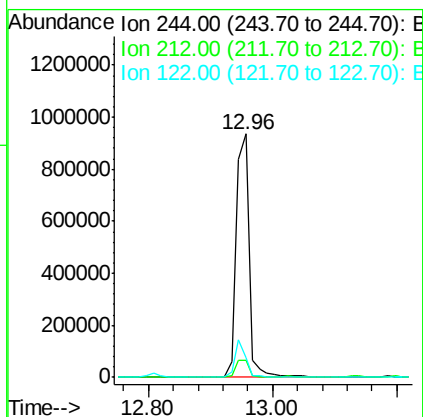
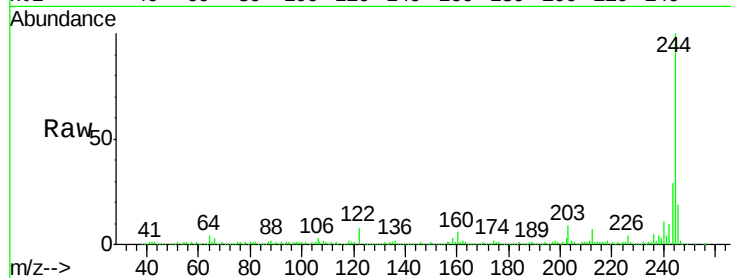




#78
 Terphenyl-d14
 Concen: 106.71 ng
 RT: 12.96 min Scan# 951
 Delta R.T. 0.01 min
 Lab File: BF086399.D
 Acq: 23 Apr 2016 19:25

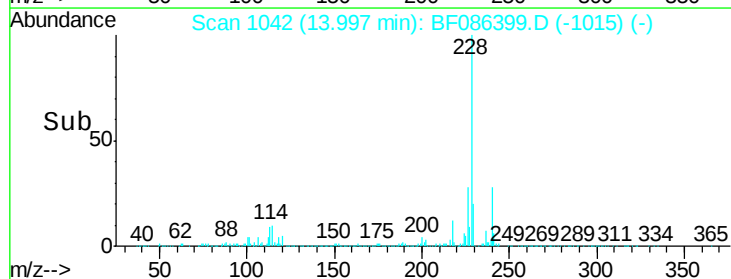
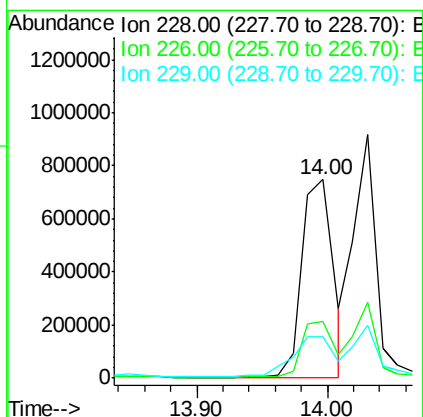
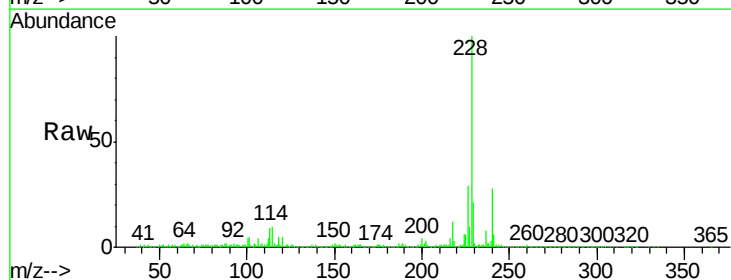
Instrument :
 BNA_F
 ClientSampleId :
 WPG-B17(0-6)-C

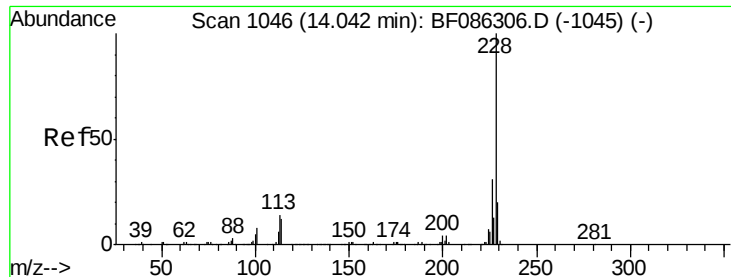
Tgt Ion:244 Resp: 1372219
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.2 9.2
 122 8.1 12.0 18.0#



#80
 Benzo(a)anthracene
 Concen: 74.85 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. 0.01 min
 Lab File: BF086399.D
 Acq: 23 Apr 2016 19:25

Tgt Ion:228 Resp: 1241513
 Ion Ratio Lower Upper
 228 100
 226 28.6 22.5 33.7
 229 20.9 16.6 25.0





#82

Chrysene

Concen: 59.64 ng

RT: 14.03 min Scan# 1045

Delta R.T. 0.01 min

Lab File: BF086399.D

Acq: 23 Apr 2016 19:25

Instrument :

BNA_F

ClientSampleId :

WPG-B17(0-6)-C

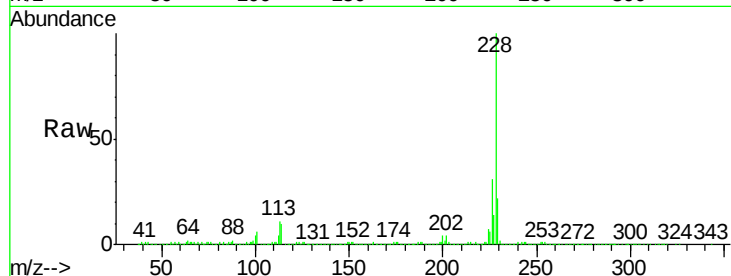
Tgt Ion:228 Resp: 1114445

Ion Ratio Lower Upper

228 100

226 31.2 24.4 36.6

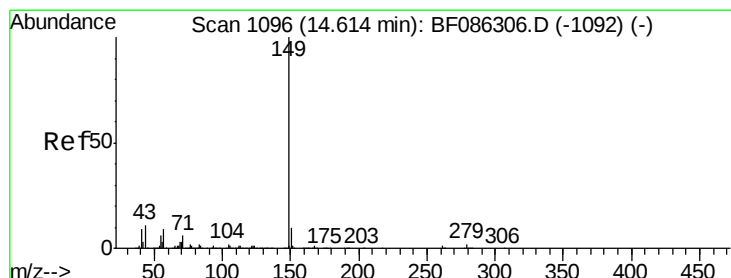
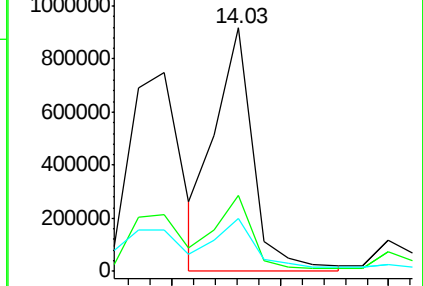
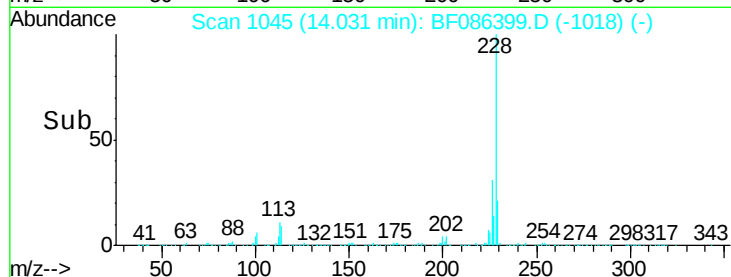
229 21.9 15.8 23.8



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



#84

Di-n-octyl phthalate

Concen: 9.27 ng

RT: 14.63 min Scan# 1097

Delta R.T. 0.03 min

Lab File: BF086399.D

Acq: 23 Apr 2016 19:25

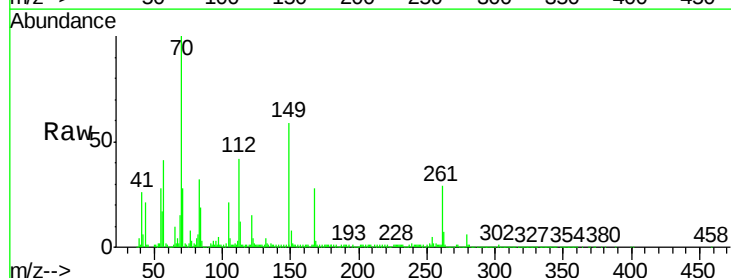
Tgt Ion:149 Resp: 206759

Ion Ratio Lower Upper

149 100

167 50.2 1.2 1.8#

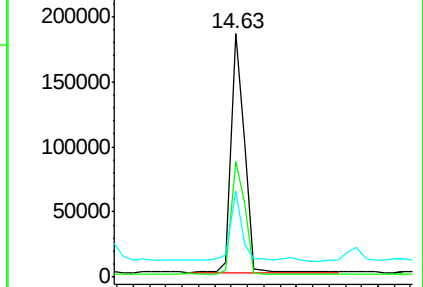
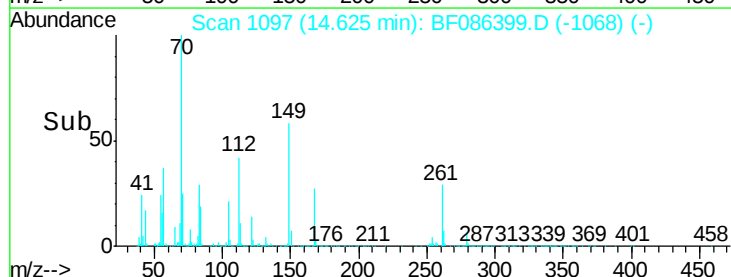
43 26.1 8.2 12.4#

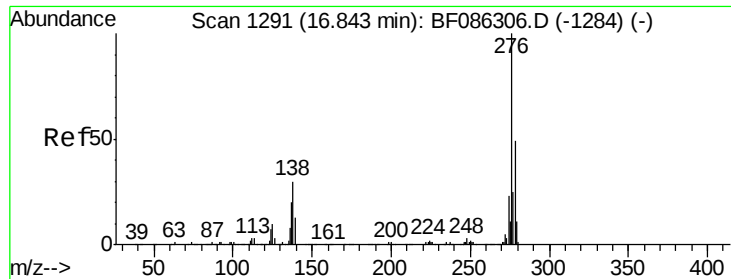


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

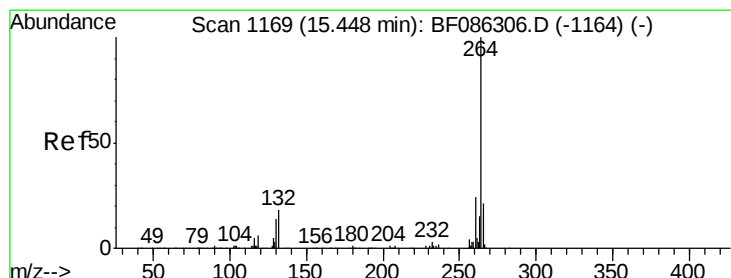
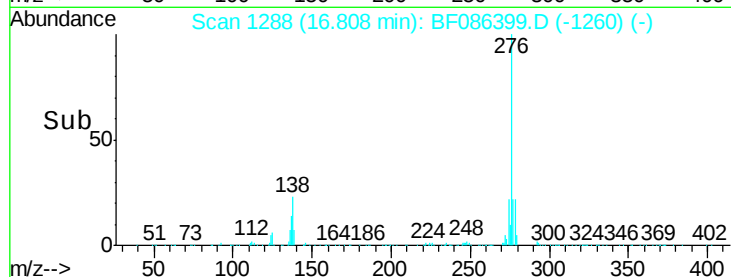
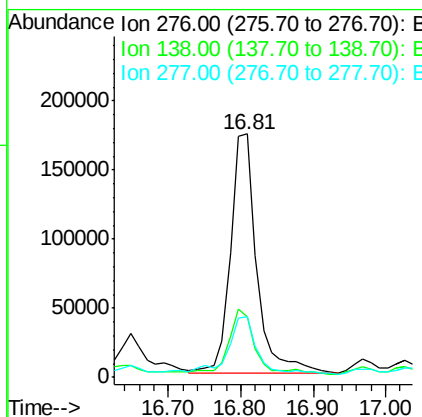
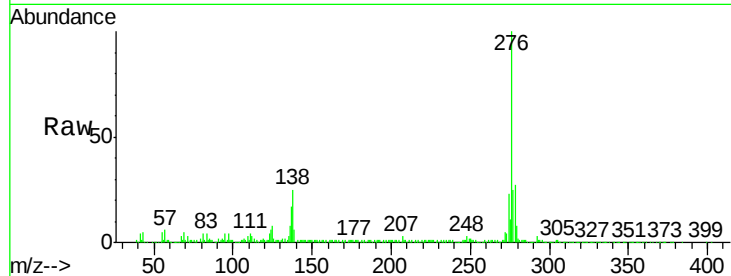




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 26.08 ng
 RT: 16.81 min Scan# 1288
 Delta R.T. 0.02 min
 Lab File: BF086399.D
 Acq: 23 Apr 2016 19:25

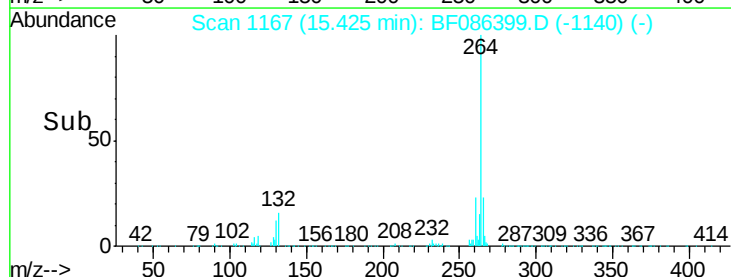
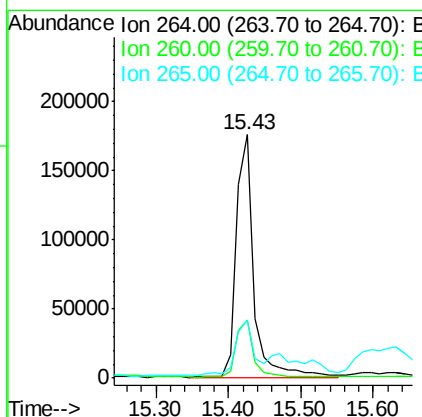
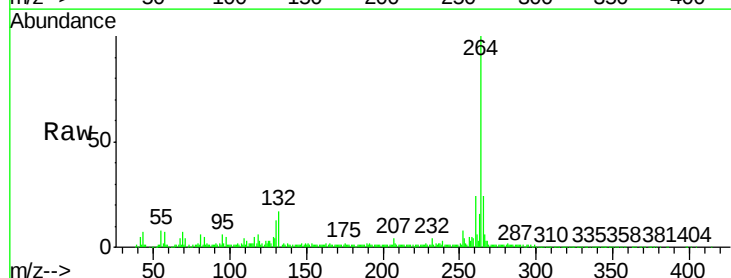
Instrument :
 BNA_F
 ClientSampleId :
 WPG-B17(0-6)-C

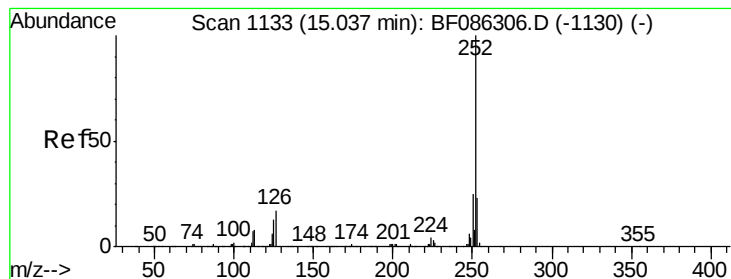
Tgt Ion: 276 Resp: 433162
 Ion Ratio Lower Upper
 276 100
 138 23.9 25.6 38.4#
 277 24.6 20.5 30.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1167
 Delta R.T. 0.01 min
 Lab File: BF086399.D
 Acq: 23 Apr 2016 19:25

Tgt Ion: 264 Resp: 295005
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.5 29.3
 265 23.8 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 85.12 ng

RT: 15.01 min Scan# 1131

Delta R.T. 0.01 min

Lab File: BF086399.D

Acq: 23 Apr 2016 19:25

Instrument :

BNA_F

ClientSampleId :

WPG-B17(0-6)-C

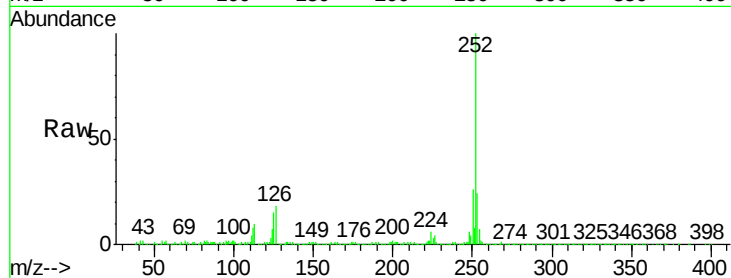
Tgt Ion:252 Resp: 1378341

Ion Ratio Lower Upper

252 100

253 23.6 17.8 26.6

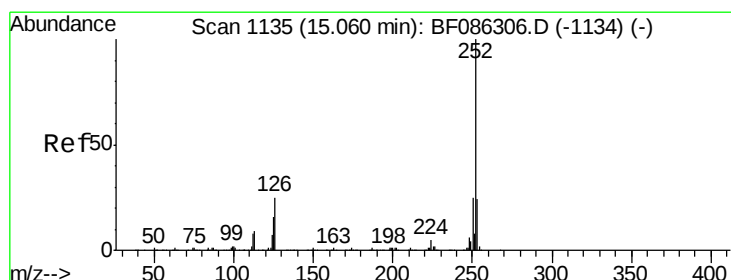
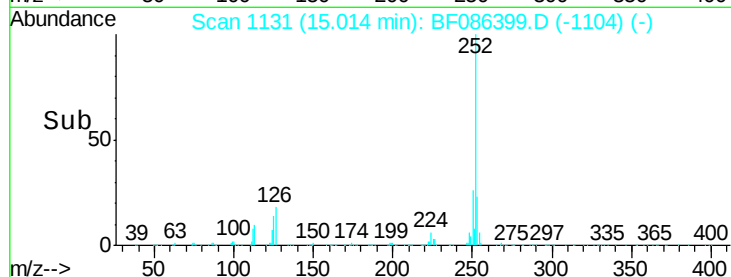
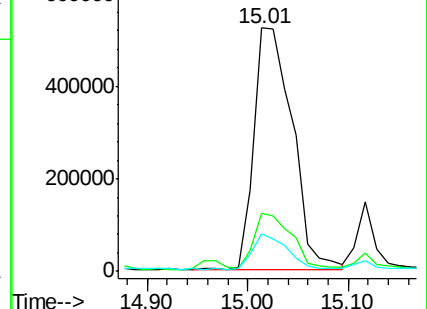
125 15.3 11.4 17.0



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



#88

Benzo(k)fluoranthene

Concen: 86.73 ng

RT: 15.01 min Scan# 1131

Delta R.T. -0.02 min

Lab File: BF086399.D

Acq: 23 Apr 2016 19:25

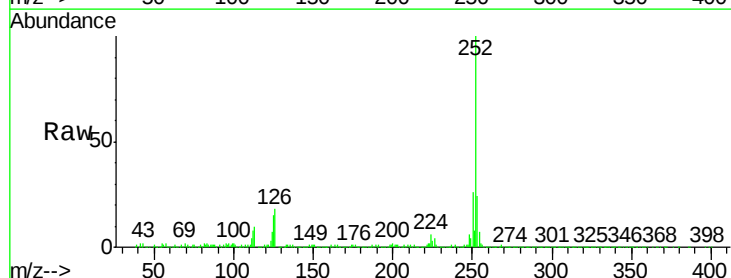
Tgt Ion:252 Resp: 1378341

Ion Ratio Lower Upper

252 100

253 23.6 17.8 26.6

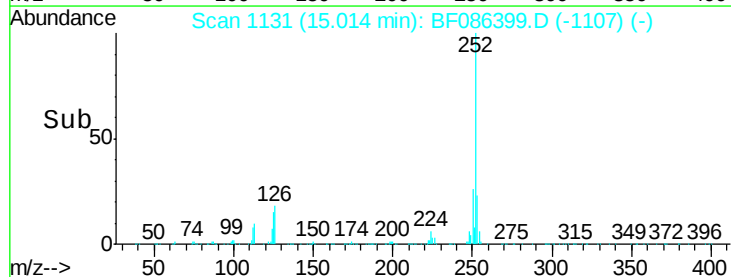
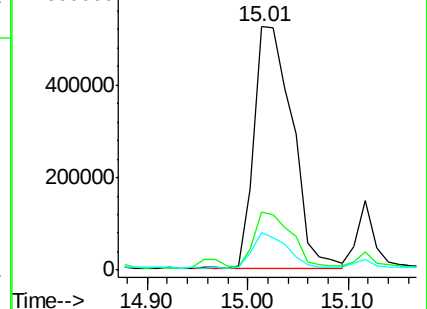
125 15.3 9.1 13.7#

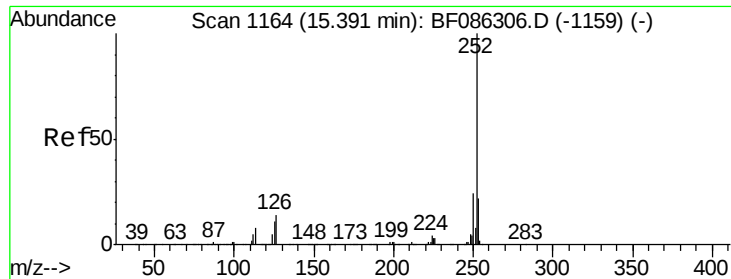


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

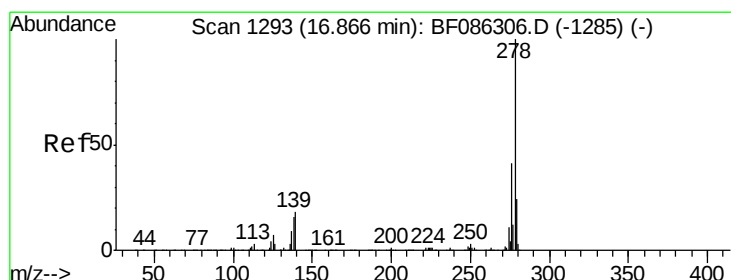
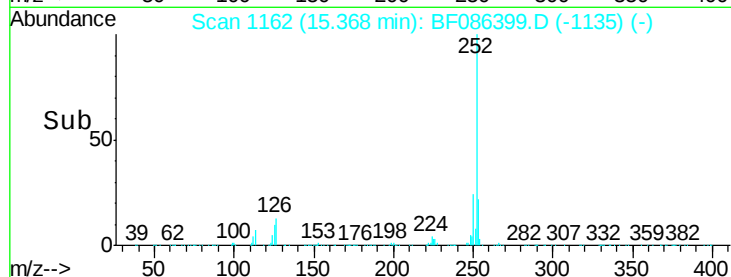
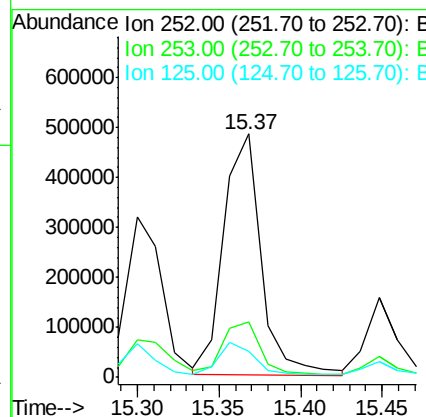
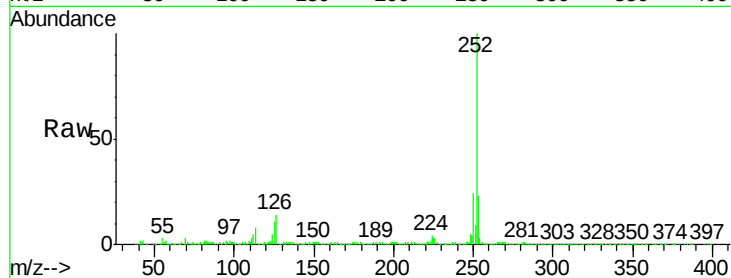




#89
Benzo(a)pyrene
Concen: 48.19 ng
RT: 15.37 min Scan# 1162
Delta R.T. 0.01 min
Lab File: BF086399.D
Acq: 23 Apr 2016 19:25

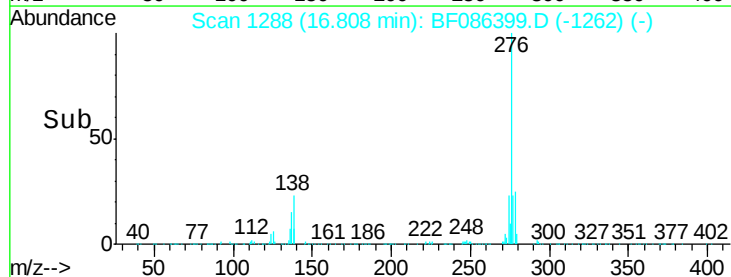
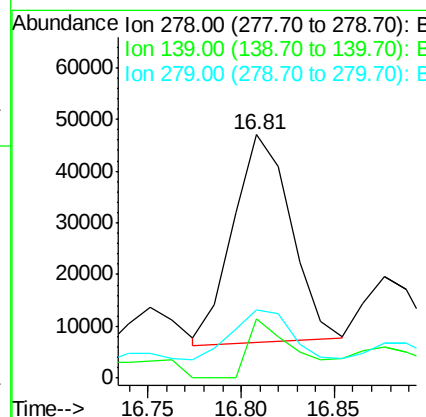
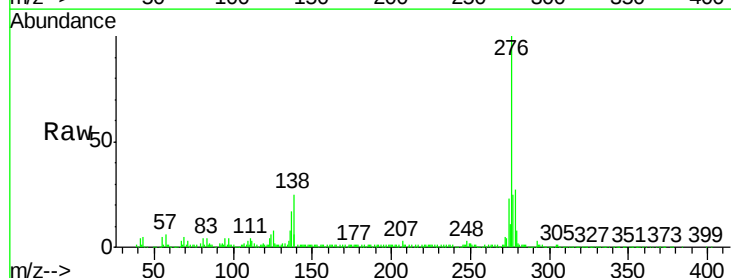
Instrument :
BNA_F
ClientSampleId :
WPG-B17(0-6)-C

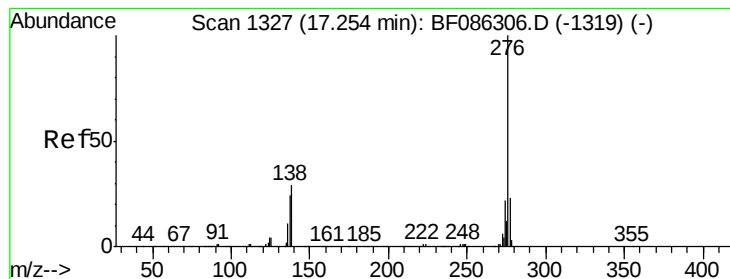
Tgt Ion: 252 Resp: 769817
Ion Ratio Lower Upper
252 100
253 22.9 17.2 25.8
125 10.9 9.0 13.6



#90
Dibenzo(a,h)anthracene
Concen: 6.62 ng
RT: 16.81 min Scan# 1288
Delta R.T. 0.00 min
Lab File: BF086399.D
Acq: 23 Apr 2016 19:25

Tgt Ion: 278 Resp: 87283
Ion Ratio Lower Upper
278 100
139 24.3 16.6 24.8
279 28.1 19.6 29.4





#91

Benzo(g,h,i)perylene

Concen: 29.05 ng

RT: 17.22 min Scan# 1324

Delta R.T. 0.02 min

Lab File: BF086399.D

Acq: 23 Apr 2016 19:25

Instrument :

BNA_F

ClientSampleId :

WPG-B17(0-6)-C

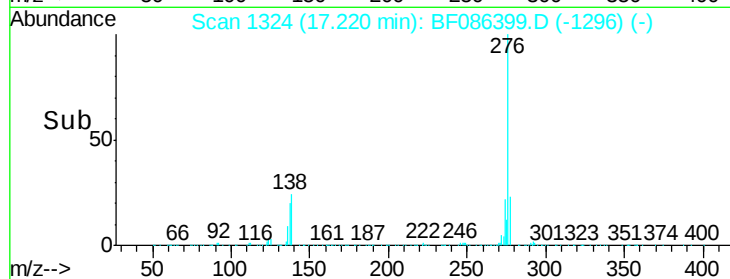
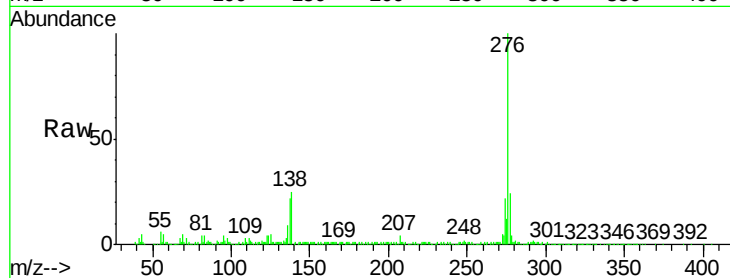
Tgt Ion: 276 Resp: 395205

Ion Ratio Lower Upper

276 100

277 24.3 19.6 29.4

138 24.9 23.6 35.4



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

