

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042016\
 Data File : BF086330.D
 Acq On : 21 Apr 2016 1:29
 Operator : UM/SJ
 Sample : H2601-15
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RODNEY-AVE-PS(0-2)H

Quant Time: Apr 21 02:04:26 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 20 15:45:26 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	222361	20.00	ng	-0.03
21) Naphthalene-d8	8.16	136	780144	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	289222	20.00	ng	-0.03
63) Phenanthrene-d10	11.39	188	507336	20.00	ng	-0.02
75) Chrysene-d12	14.04	240	271592	20.00	ng	-0.01
86) Perylene-d12	15.47	264	264523	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1387996	108.91	ng	-0.01
7) Phenol-d6	6.50	99	1626044	97.50	ng	-0.02
23) Nitrobenzene-d5	7.42	82	974420	71.53	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	242850	107.73	ng	-0.03
44) 2-Fluorobiphenyl	9.23	172	1348020	90.34	ng	-0.03
78) Terphenyl-d14	12.98	244	991179	86.87	ng	-0.02

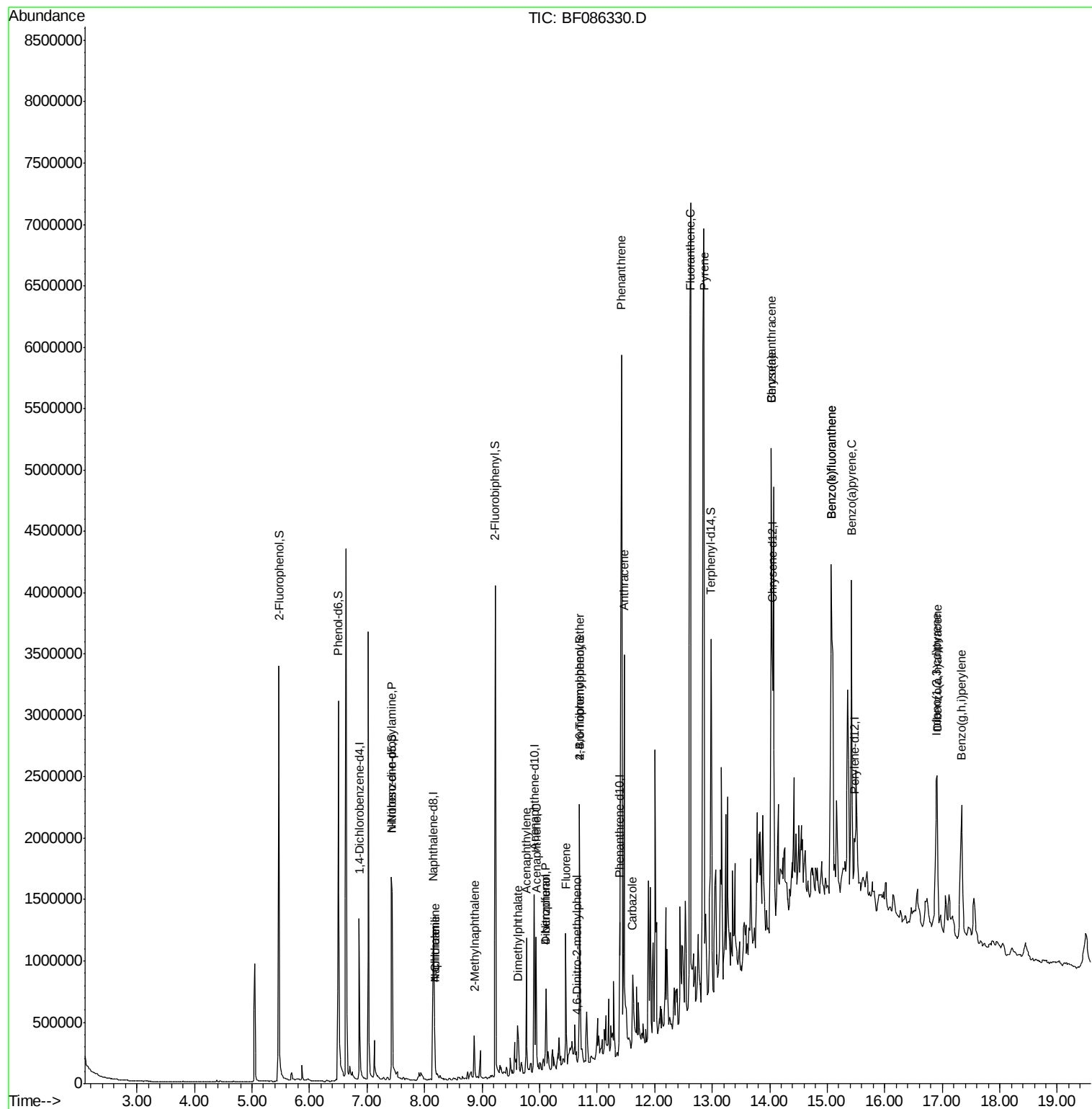
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.42	70	125017	12.37	ng	# 81
31) Naphthalene	8.18	128	315410	8.48	ng	96
33) 4-Chloroaniline	8.18	127	40463	2.63	ng	# 40
37) 2-Methylnaphthalene	8.86	142	101782	4.43	ng	99
48) Acenaphthylene	9.77	152	515047	19.16	ng	98
49) Dimethylphthalate	9.62	163	149740	6.80	ng	99
51) Acenaphthene	9.94	154	244828	15.53	ng	99
54) Dibenzofuran	10.11	168	237151	11.06	ng	97
55) 4-Nitrophenol	10.11	139	93176	26.08	ng	# 6
57) Fluorene	10.45	166	367428	23.13	ng	99
64) 4,6-Dinitro-2-methylphenol	10.65	198	230	6.18	ng	# 1
66) 4-Bromophenyl-phenylether	10.69	248	16074	2.95	ng	# 1
70) Phenanthrene	11.43	178	2782409	115.73	ng	99
71) Anthracene	11.47	178	1480948	57.52	ng	98
72) Carbazole	11.62	167	345279	14.17	ng	100
74) Fluoranthene	12.63	202	4742404	212.75	ng	96
77) Pyrene	12.85	202	4212108	209.07	ng	99
80) Benzo(a)anthracene	14.03	228	2622956	183.34	ng	95
82) Chrysene	14.03	228	2622956	169.61	ng	98
85) Indeno(1,2,3-cd)pyrene	16.90	276	1226013	77.10	ng	95
87) Benzo(b)fluoranthene	15.07	252	2896324	189.31	ng	96
88) Benzo(k)fluoranthene	15.07	252	2896324	224.87	ng	# 93
89) Benzo(a)pyrene	15.43	252	1572057	111.48	ng	98
90) Dibenzo(a,h)anthracene	16.91	278	325515	26.44	ng	# 90
91) Benzo(g,h,i)perylene	17.33	276	1217609	103.16	ng	96

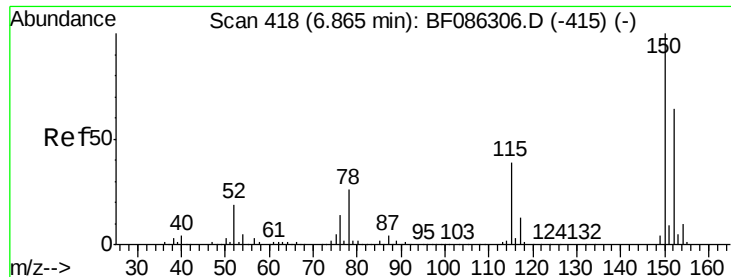
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.03 min

Lab File: BF086330.D

Acq: 21 Apr 2016 1:29

Instrument :

BNA_F

ClientSampleId :

RODNEY-AVE-PS(0-2)H

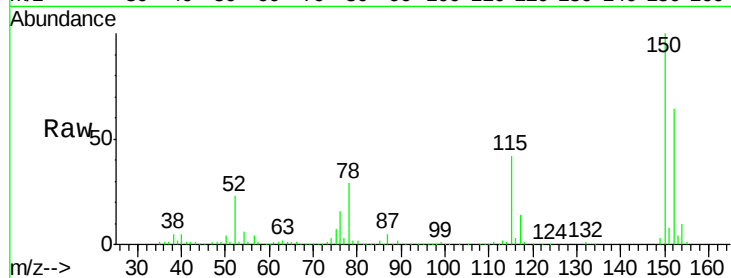
Tgt Ion:152 Resp: 222361

Ion Ratio Lower Upper

152 100

150 155.8 124.1 186.1

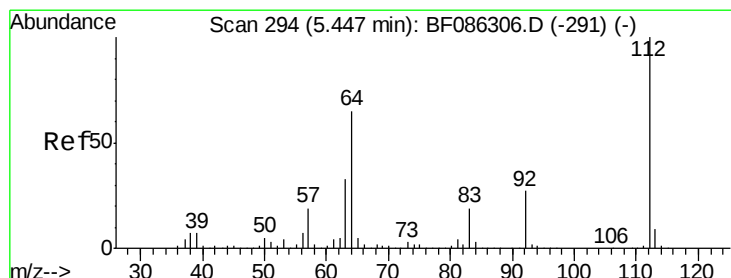
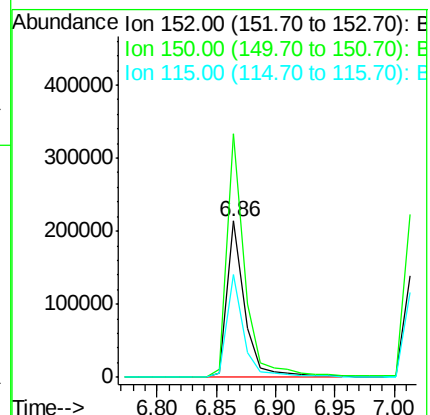
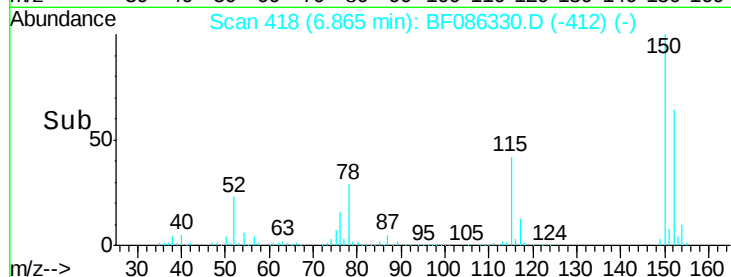
115 66.1 43.9 65.9#



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: 108.91 ng

RT: 5.47 min Scan# 296

Delta R.T. -0.01 min

Lab File: BF086330.D

Acq: 21 Apr 2016 1:29

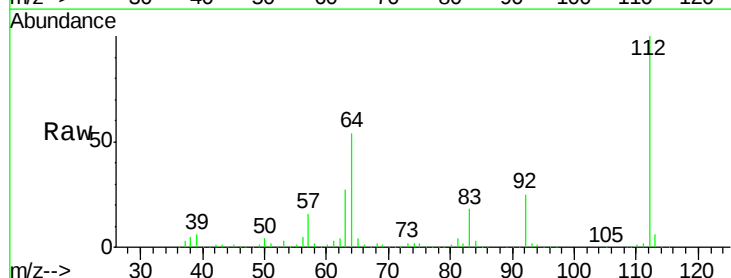
Tgt Ion:112 Resp: 1387996

Ion Ratio Lower Upper

112 100

64 53.6 48.1 72.1

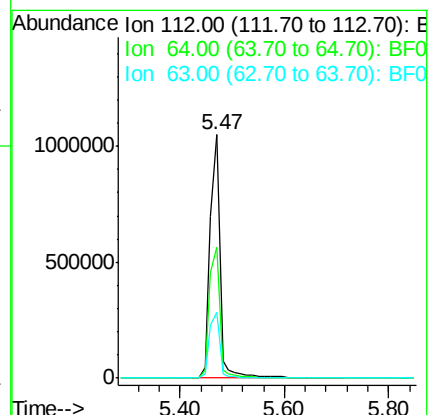
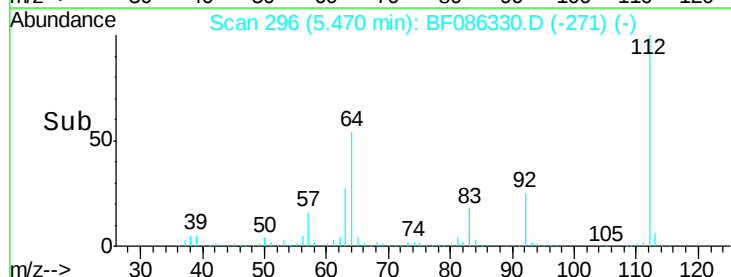
63 26.9 25.5 38.3

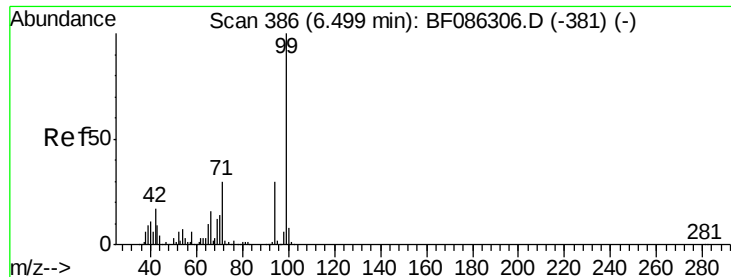


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 97.50 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.02 min

Lab File: BF086330.D

Acq: 21 Apr 2016 1:29

Instrument :

BNA_F

ClientSampleId :

RODNEY-AVE-PS(0-2)H

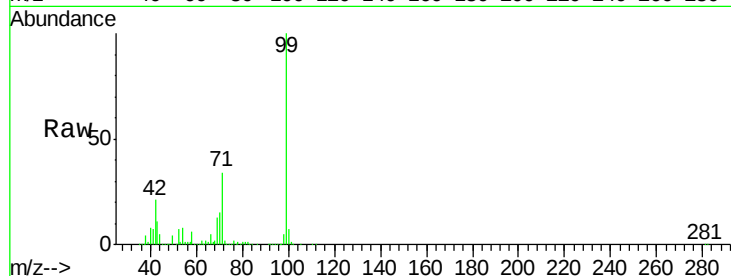
Tgt Ion: 99 Resp: 1626044

Ion Ratio Lower Upper

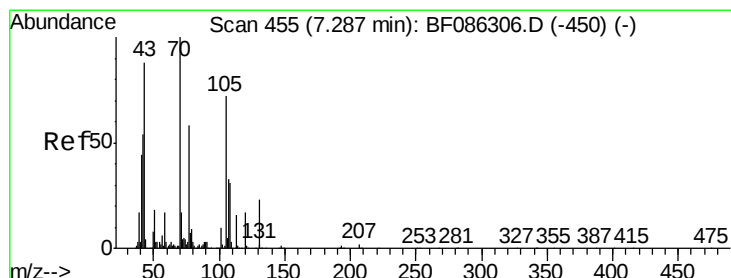
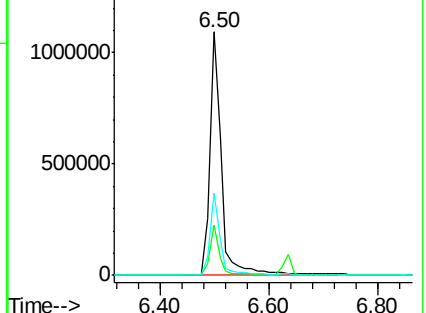
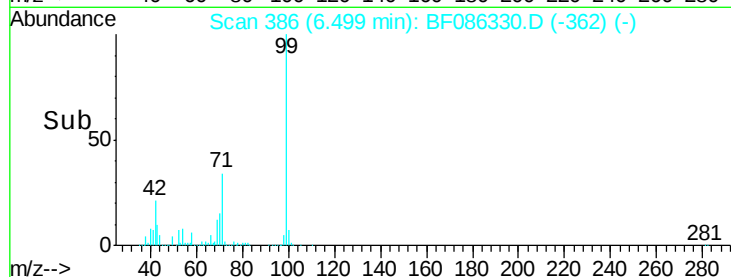
99 100

42 20.7 15.4 23.2

71 33.6 25.6 38.4



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: 12.37 ng

RT: 7.42 min Scan# 467

Delta R.T. 0.11 min

Lab File: BF086330.D

Acq: 21 Apr 2016 1:29

Tgt Ion: 70 Resp: 125017

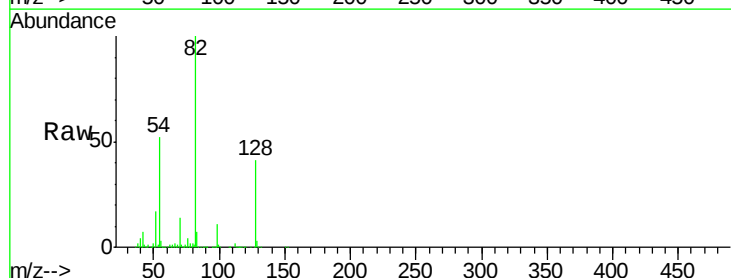
Ion Ratio Lower Upper

70 100

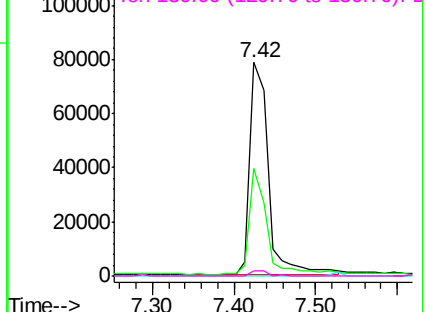
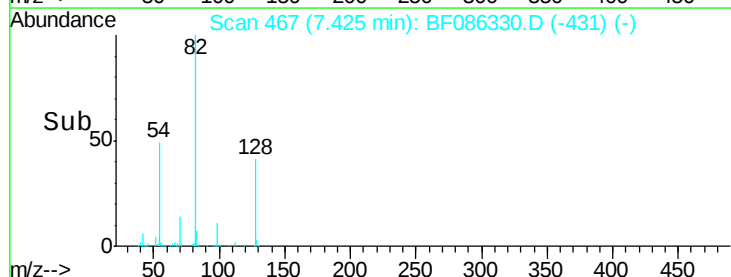
42 50.6 43.0 64.4

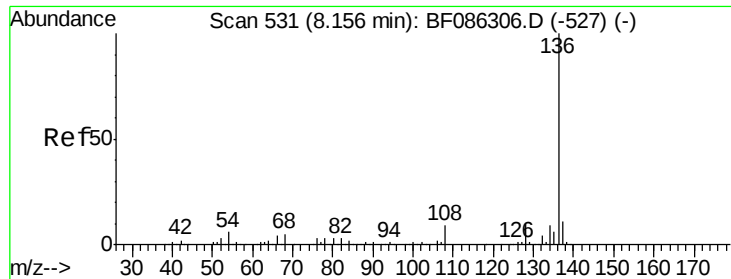
101 0.0 8.1 12.1#

130 2.2 20.1 30.1#



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: 8.16 min Scan# 531

Delta R.T. -0.02 min

Lab File: BF086330.D

Acq: 21 Apr 2016 1:29

Instrument :

BNA_F

ClientSampleId :

RODNEY-AVE-PS(0-2)H

Tgt Ion:136 Resp: 780144

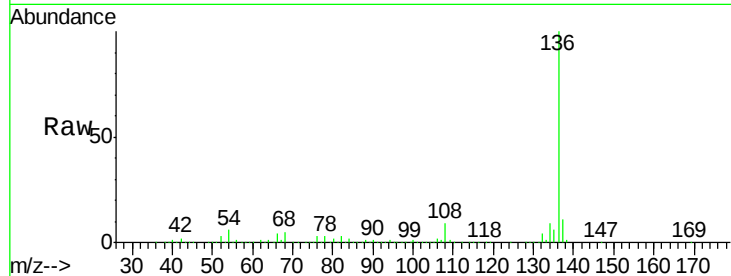
Ion Ratio Lower Upper

136 100

137 10.6 9.1 13.7

54 5.9 7.3 10.9#

68 5.3 5.7 8.5#



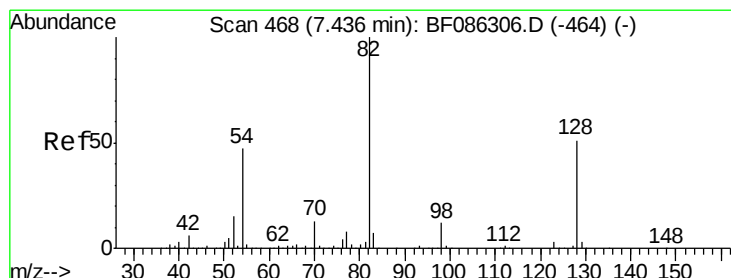
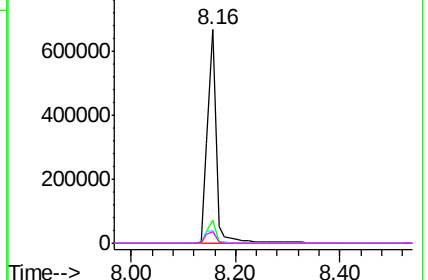
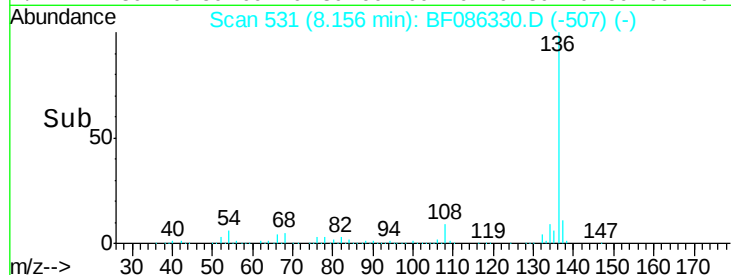
Abundance

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: 71.53 ng

RT: 7.42 min Scan# 467

Delta R.T. -0.03 min

Lab File: BF086330.D

Acq: 21 Apr 2016 1:29

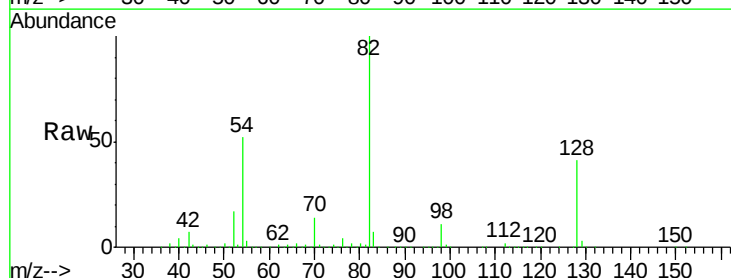
Tgt Ion: 82 Resp: 974420

Ion Ratio Lower Upper

82 100

128 41.0 35.4 53.2

54 52.4 43.4 65.0

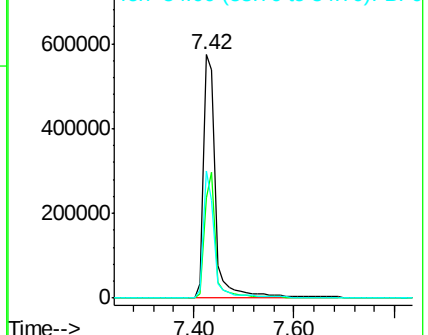
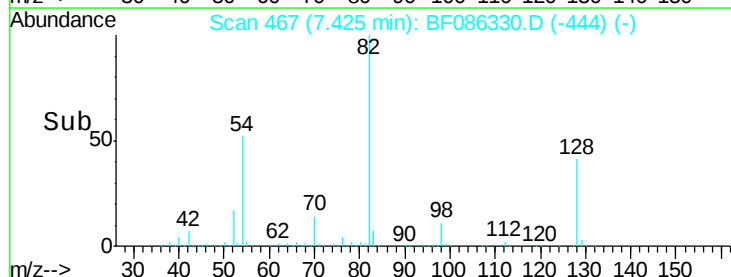


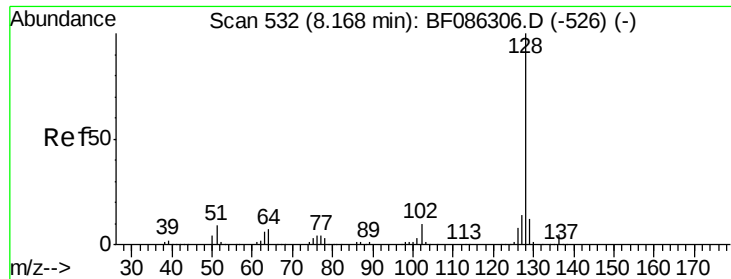
Abundance

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

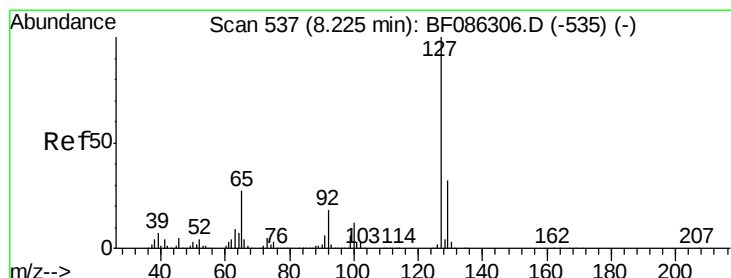
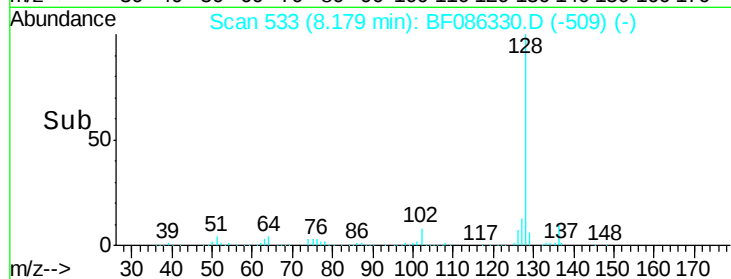
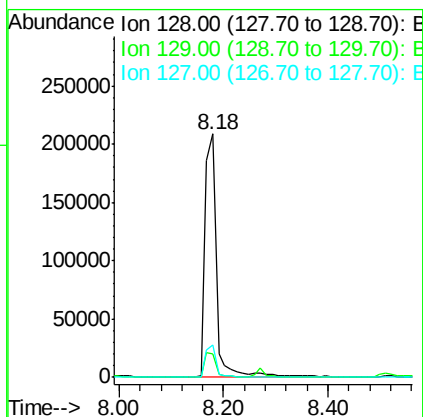
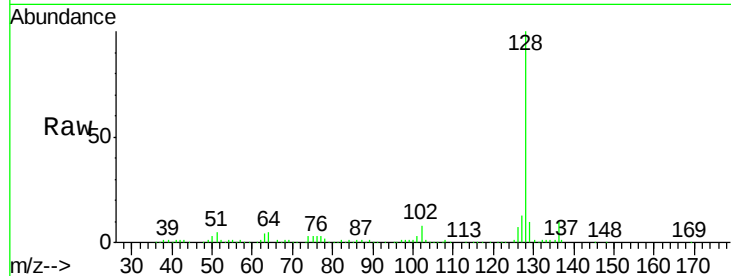




#31
Naphthalene
Concen: 8.48 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.02 min
Lab File: BF086330.D
Acq: 21 Apr 2016 1:29

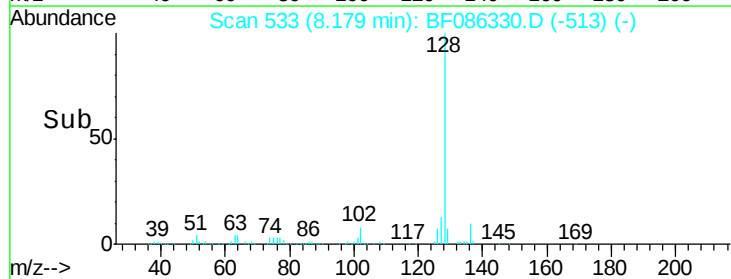
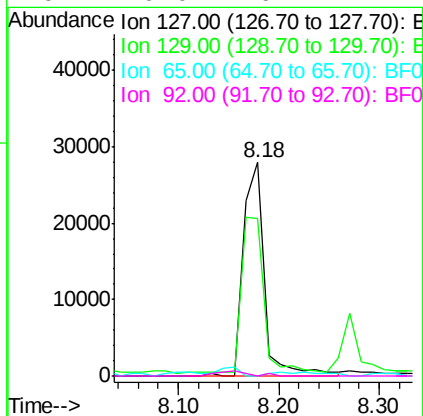
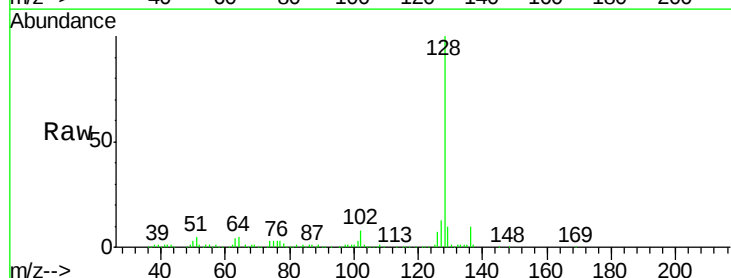
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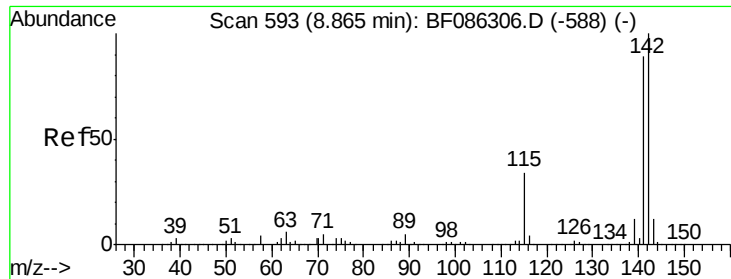
Tgt Ion:128 Resp: 315410
Ion Ratio Lower Upper
128 100
129 9.9 9.6 14.4
127 13.4 11.4 17.2



#33
4-Chloroaniline
Concen: 2.63 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.07 min
Lab File: BF086330.D
Acq: 21 Apr 2016 1:29

Tgt Ion:127 Resp: 40463
Ion Ratio Lower Upper
127 100
129 73.8 26.8 40.2#
65 0.0 27.1 40.7#
92 0.0 16.2 24.2#

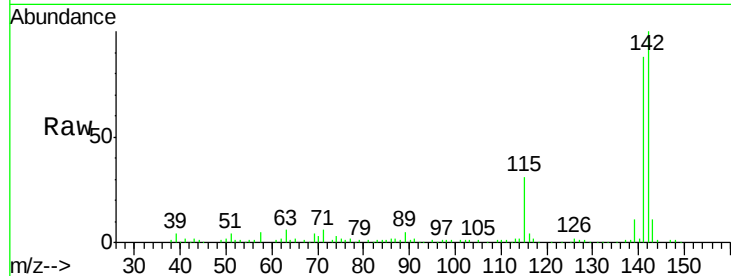




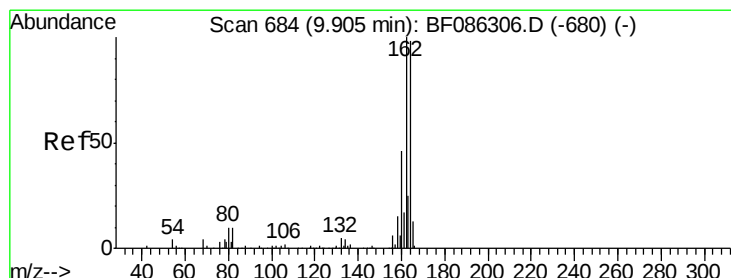
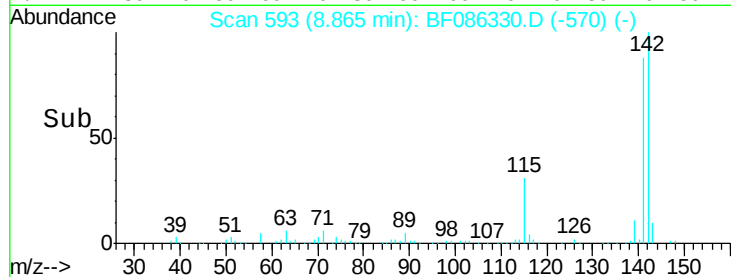
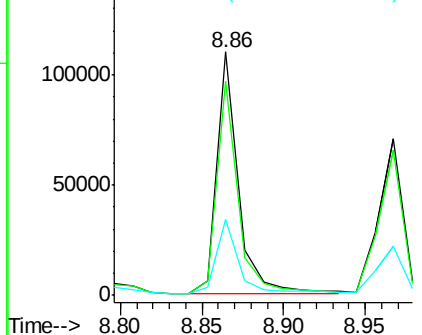
#37
 2-Methylnaphthalene
 Concen: 4.43 ng
 RT: 8.86 min Scan# 593
 Delta R.T. -0.03 min
 Lab File: BF086330.D
 Acq: 21 Apr 2016 1:29

Instrument :
 BNA_F
 ClientSampleId :
 RODNEY-AVE-PS(0-2)H

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.0	71.1	106.7
115	31.3	25.1	37.7

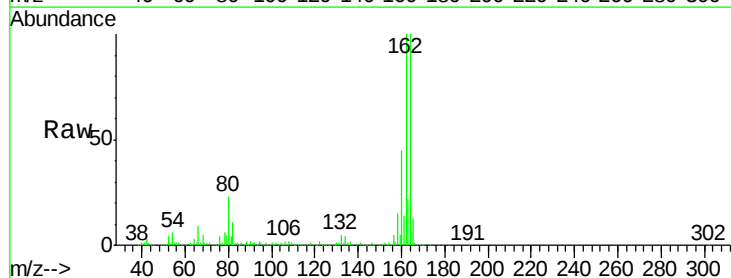


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

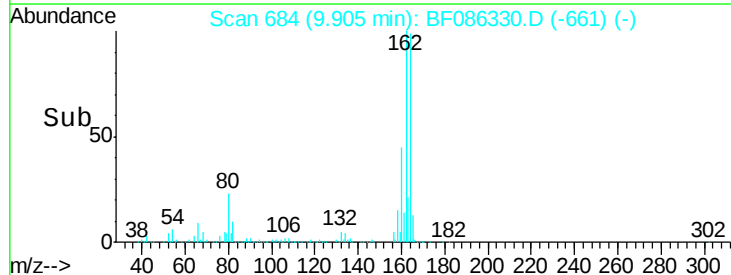
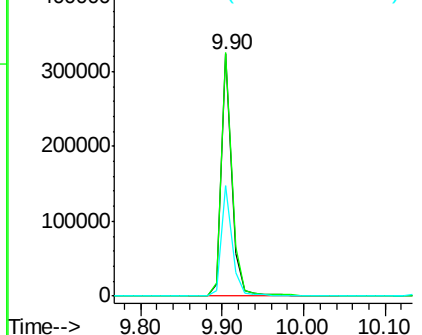


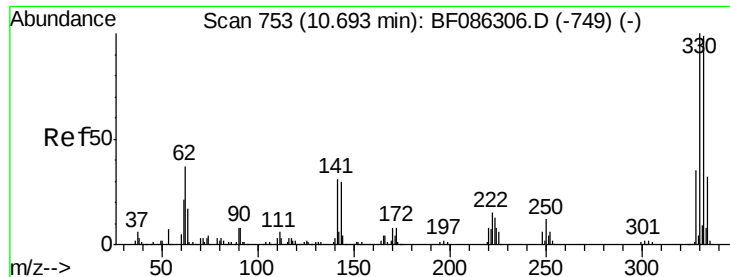
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.03 min
 Lab File: BF086330.D
 Acq: 21 Apr 2016 1:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.5	82.8	124.2
160	45.5	38.9	58.3



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

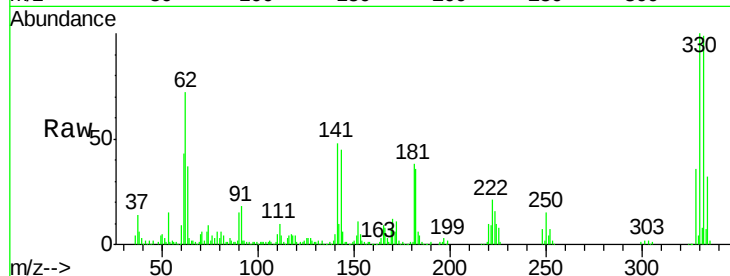




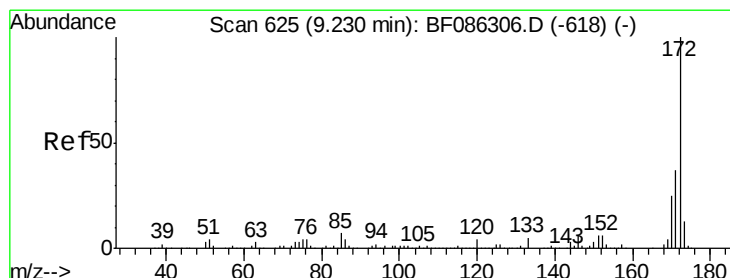
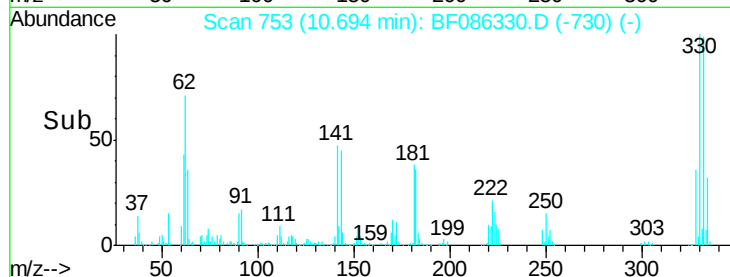
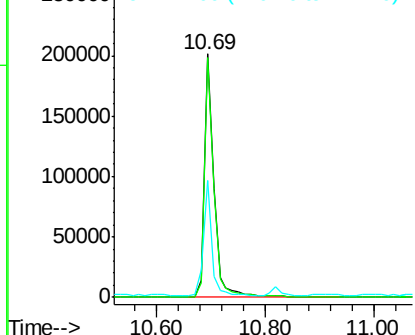
#41
 2,4,6-Tribromophenol
 Concen: 107.73 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.03 min
 Lab File: BF086330.D
 Acq: 21 Apr 2016 1:29

Instrument :
 BNA_F
 ClientSampleId :
 RODNEY-AVE-PS(0-2)H

Tgt Ion:330 Resp: 242850
 Ion Ratio Lower Upper
 330 100
 332 97.7 78.7 118.1
 141 41.5 28.6 42.8

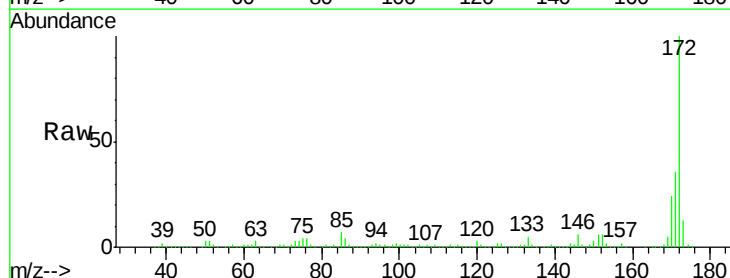


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

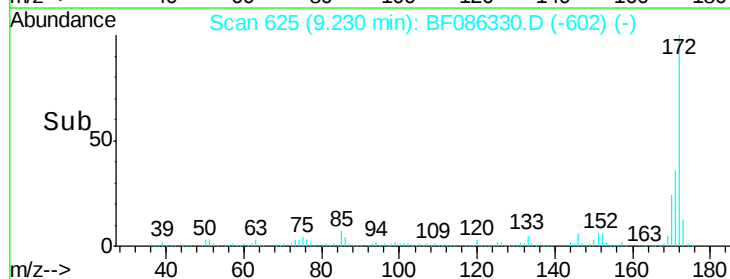
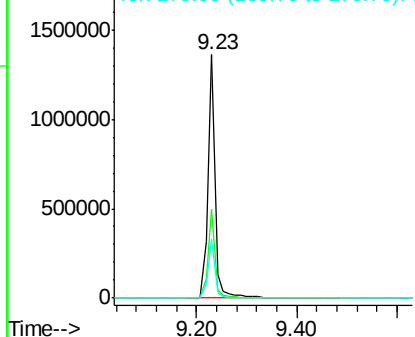


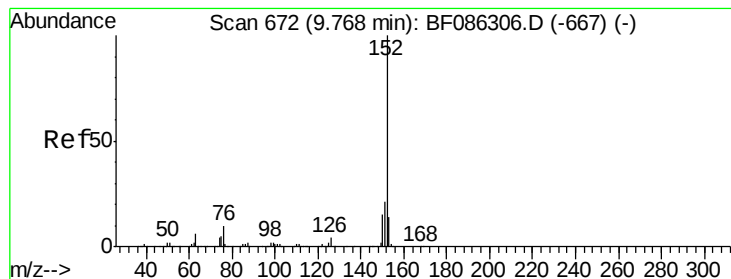
#44
 2-Fluorobiphenyl
 Concen: 90.34 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.03 min
 Lab File: BF086330.D
 Acq: 21 Apr 2016 1:29

Tgt Ion:172 Resp: 1348020
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.1 43.7
 170 24.5 19.9 29.9



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





#48

Acenaphthylene

Concen: 19.16 ng

RT: 9.77 min Scan# 672

Delta R.T. -0.03 min

Lab File: BF086330.D

Acq: 21 Apr 2016 1:29

Instrument :

BNA_F

ClientSampleId :

RODNEY-AVE-PS(0-2)H

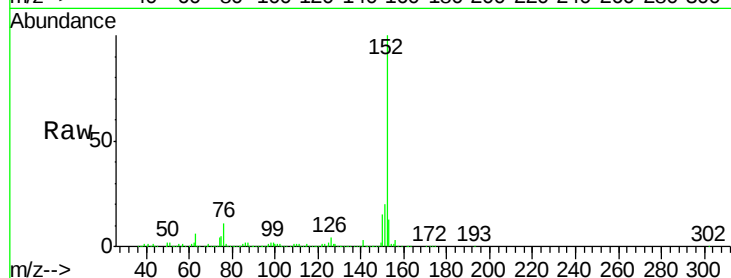
Tgt Ion:152 Resp: 515047

Ion Ratio Lower Upper

152 100

151 20.1 17.2 25.8

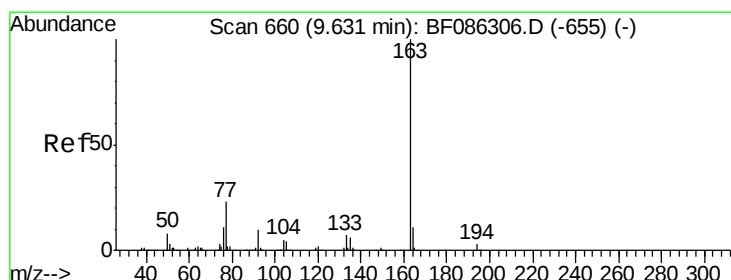
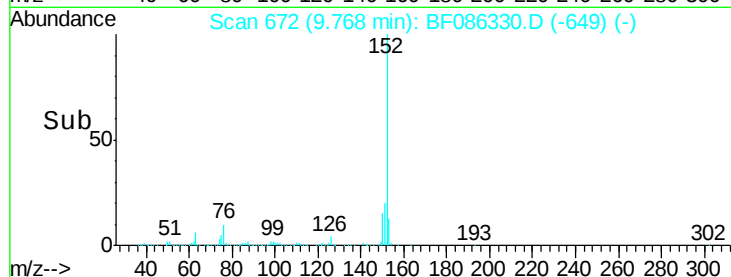
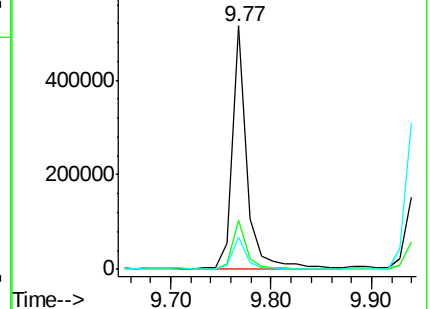
153 13.2 10.7 16.1



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: 6.80 ng

RT: 9.62 min Scan# 659

Delta R.T. -0.05 min

Lab File: BF086330.D

Acq: 21 Apr 2016 1:29

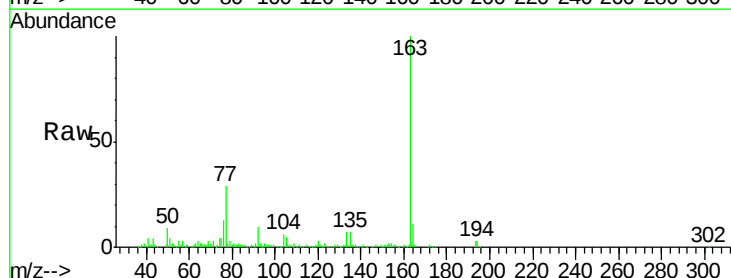
Tgt Ion:163 Resp: 149740

Ion Ratio Lower Upper

163 100

194 3.3 2.8 4.2

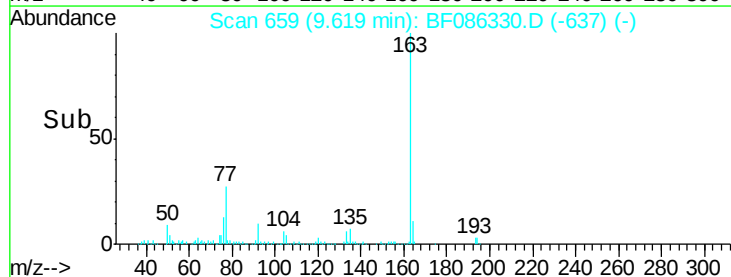
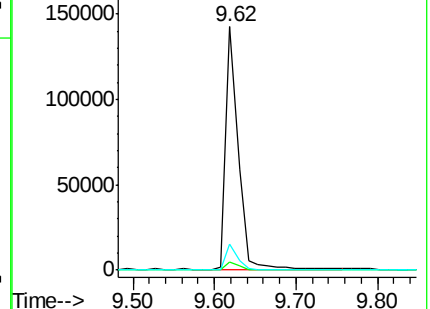
164 10.9 8.4 12.6

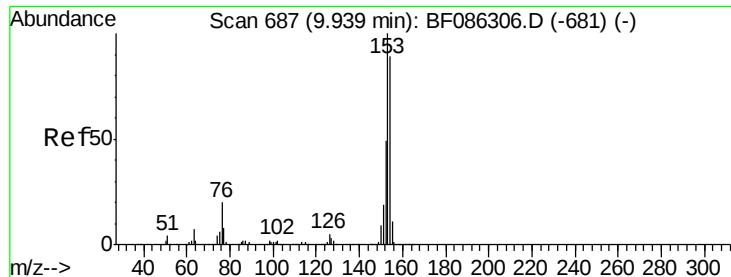


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 15.53 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.03 min

Lab File: BF086330.D

Acq: 21 Apr 2016 1:29

Instrument :

BNA_F

ClientSampleId :

RODNEY-AVE-PS(0-2)H

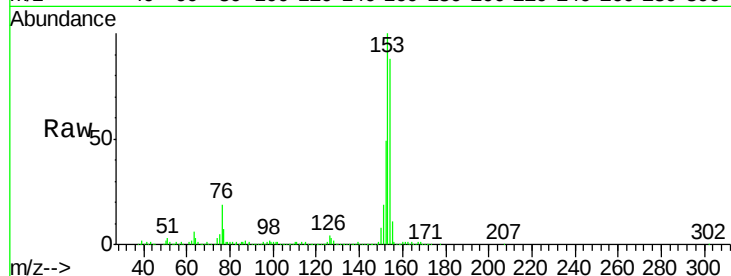
Tgt Ion:154 Resp: 244828

Ion Ratio Lower Upper

154 100

153 114.1 90.0 135.0

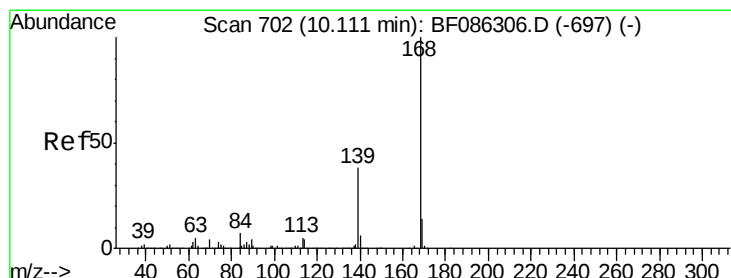
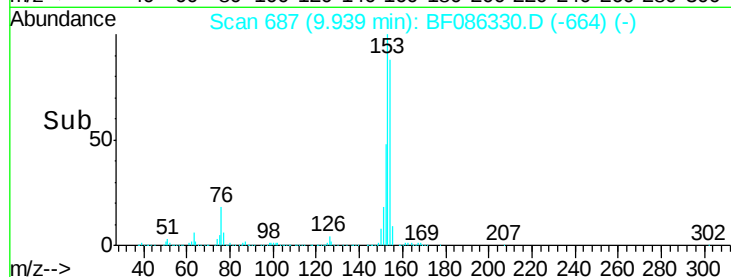
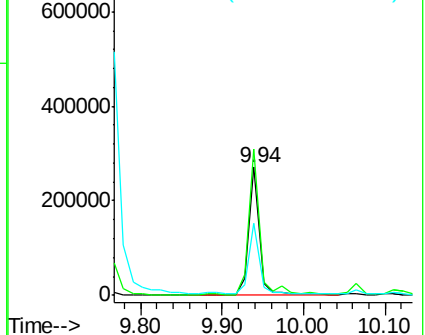
152 56.0 44.3 66.5



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: 11.06 ng

RT: 10.11 min Scan# 702

Delta R.T. -0.03 min

Lab File: BF086330.D

Acq: 21 Apr 2016 1:29

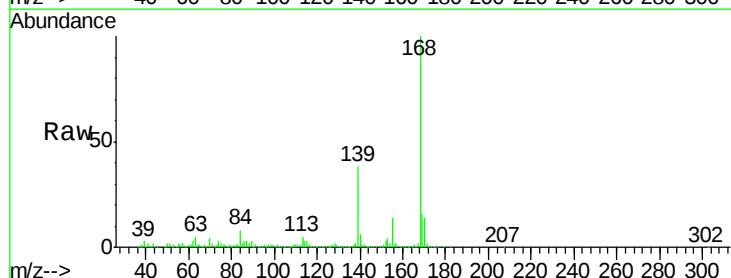
Tgt Ion:168 Resp: 237151

Ion Ratio Lower Upper

168 100

139 38.0 29.5 44.3

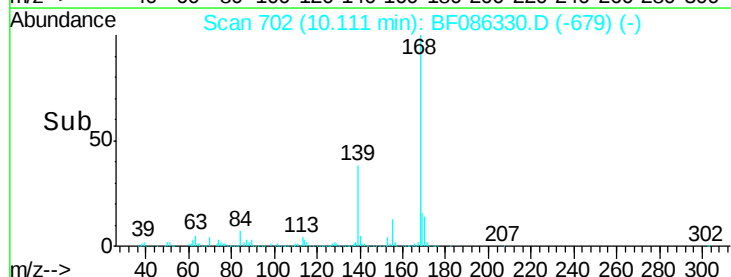
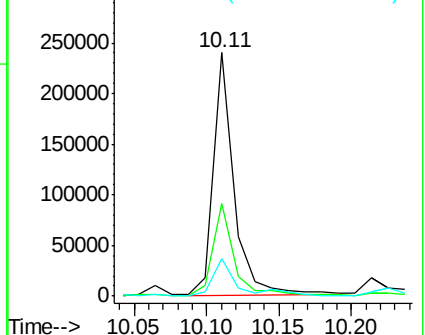
169 15.5 10.6 16.0

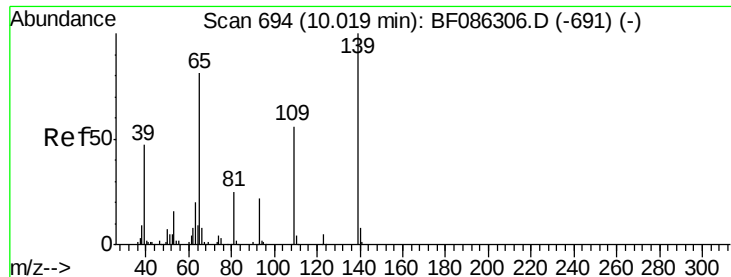


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 26.08 ng

RT: 10.11 min Scan# 702

Delta R.T. 0.08 min

Lab File: BF086330.D

Acq: 21 Apr 2016 1:29

Instrument :

BNA_F

ClientSampleId :

RODNEY-AVE-PS(0-2)H

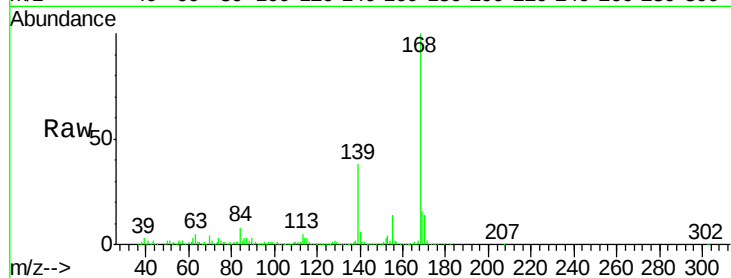
Tgt Ion:139 Resp: 93176

Ion Ratio Lower Upper

139 100

109 2.1 55.0 95.0#

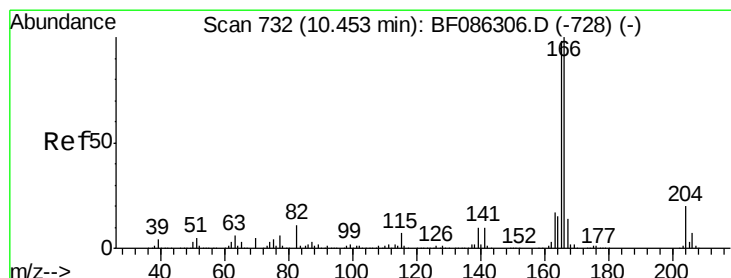
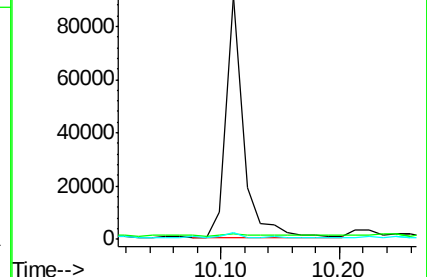
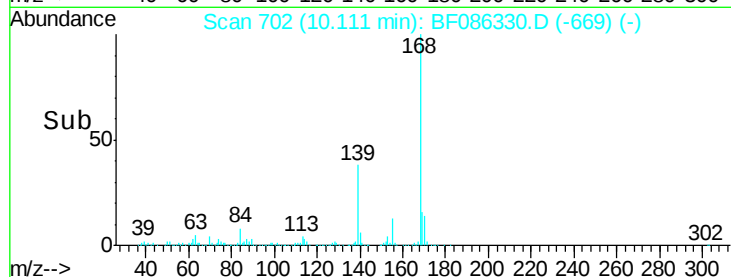
65 2.6 87.3 127.3#



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: 23.13 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.03 min

Lab File: BF086330.D

Acq: 21 Apr 2016 1:29

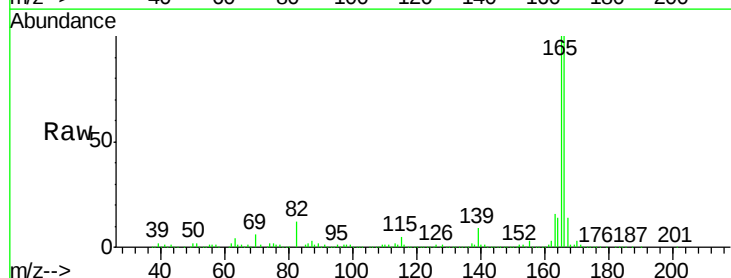
Tgt Ion:166 Resp: 367428

Ion Ratio Lower Upper

166 100

165 99.5 78.6 117.8

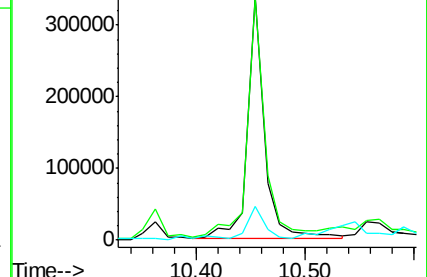
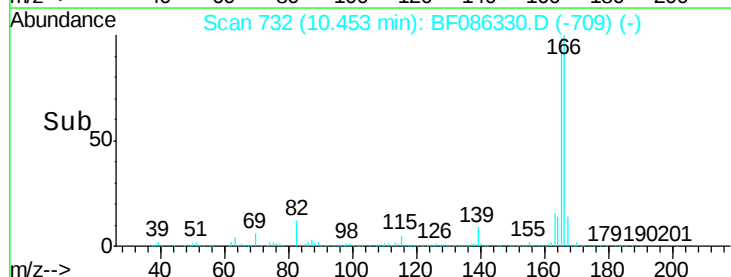
167 14.0 10.4 15.6

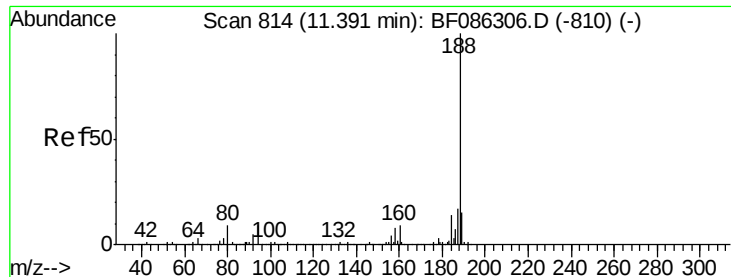


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

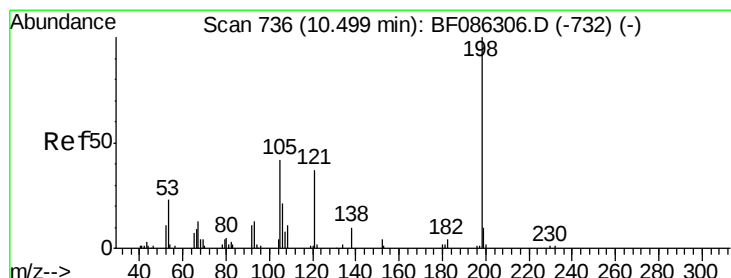
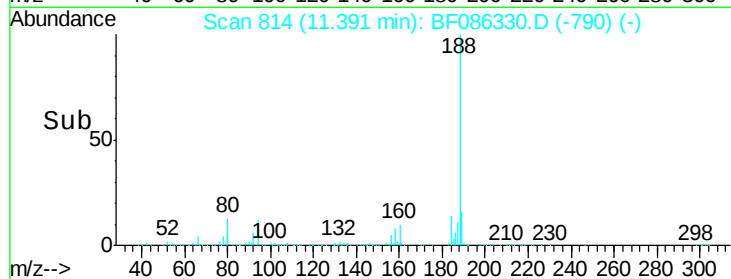
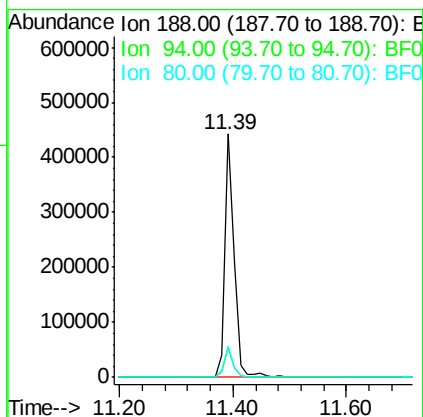
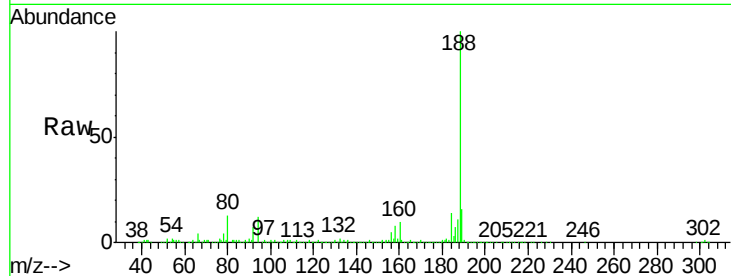




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.02 min
Lab File: BF086330.D
Acq: 21 Apr 2016 1:29

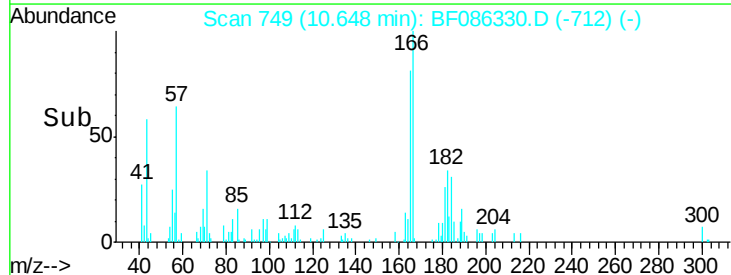
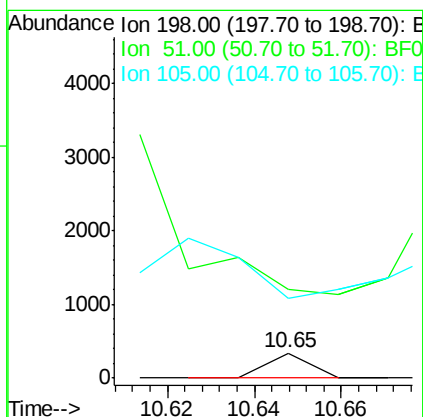
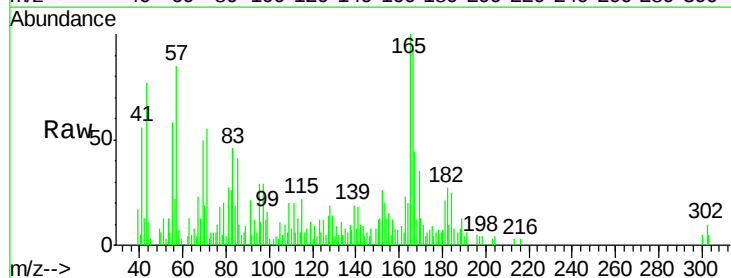
Instrument :
BNA_F
ClientSampleId :
RODNEY-AVE-PS(0-2)H

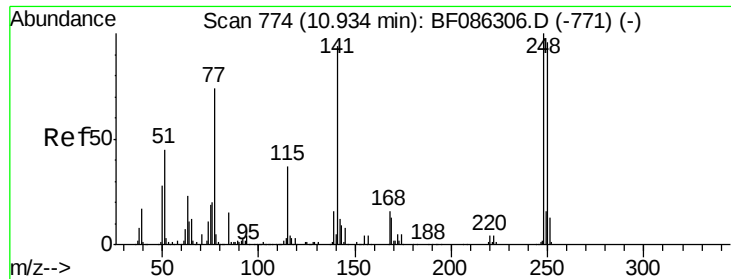
Tgt Ion:188 Resp: 507336
Ion Ratio Lower Upper
188 100
94 12.1 9.8 14.8
80 12.9 10.5 15.7



#64
4,6-Dinitro-2-methylphenol
Concen: 6.18 ng
RT: 10.65 min Scan# 749
Delta R.T. 0.13 min
Lab File: BF086330.D
Acq: 21 Apr 2016 1:29

Tgt Ion:198 Resp: 230
Ion Ratio Lower Upper
198 100
51 356.8 56.5 96.5#
105 320.5 48.0 88.0#

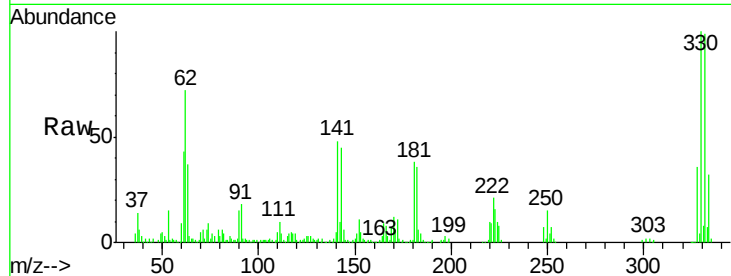




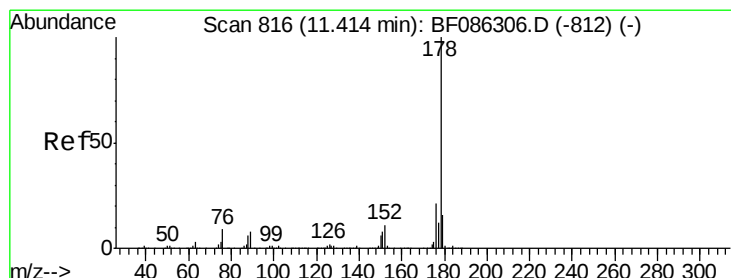
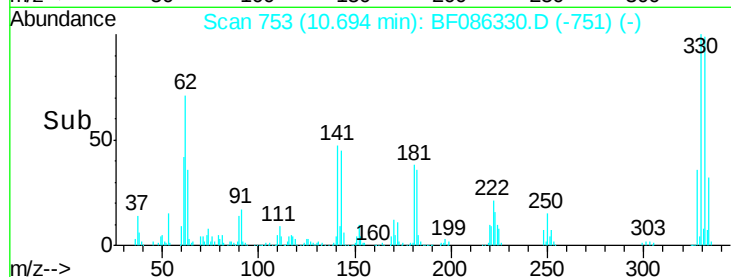
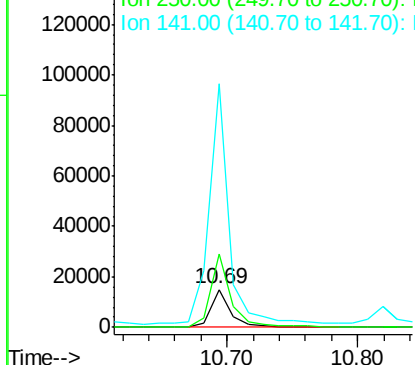
#66
4-Bromophenyl-phenylether
Concen: 2.95 ng
RT: 10.69 min Scan# 753
Delta R.T. -0.27 min
Lab File: BF086330.D
Acq: 21 Apr 2016 1:29

Instrument :
BNA_F
ClientSampleId :
RODNEY-AVE-PS(0-2)H

Tgt Ion:248 Resp: 16074
Ion Ratio Lower Upper
248 100
250 194.7 78.6 118.0#
141 641.3 57.9 86.9#

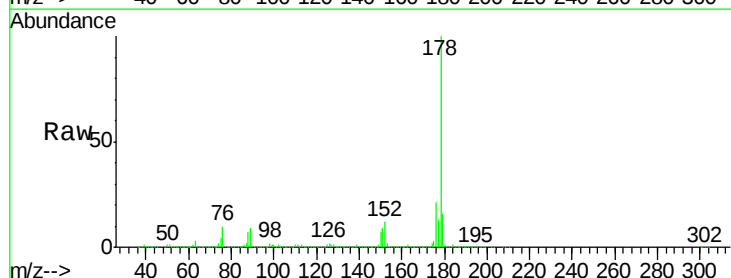


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

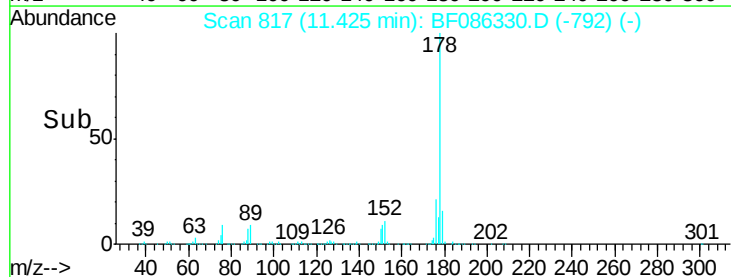
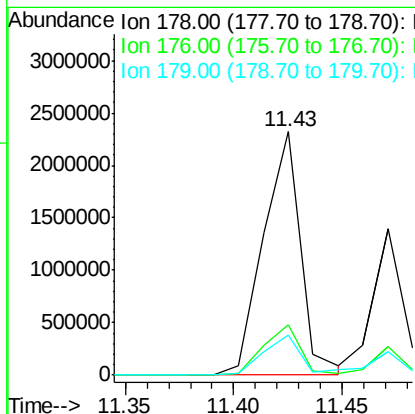


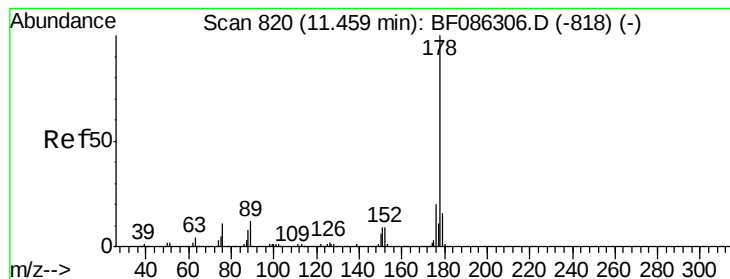
#70
Phenanthrene
Concen: 115.73 ng
RT: 11.43 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF086330.D
Acq: 21 Apr 2016 1:29

Tgt Ion:178 Resp: 2782409
Ion Ratio Lower Upper
178 100
176 20.9 16.3 24.5
179 16.4 13.0 19.6



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: 57.52 ng

RT: 11.47 min Scan# 821

Delta R.T. -0.02 min

Lab File: BF086330.D

Acq: 21 Apr 2016 1:29

Instrument :

BNA_F

ClientSampleId :

RODNEY-AVE-PS(0-2)H

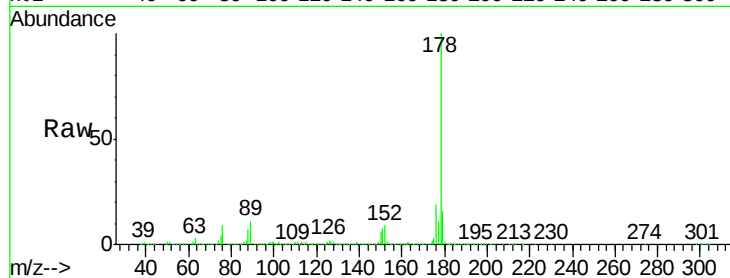
Tgt Ion:178 Resp: 1480948

Ion Ratio Lower Upper

178 100

176 19.4 16.2 24.4

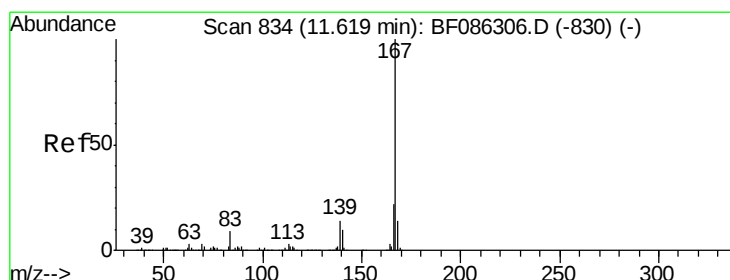
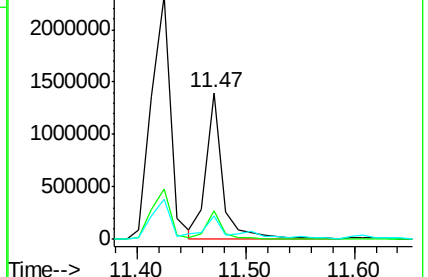
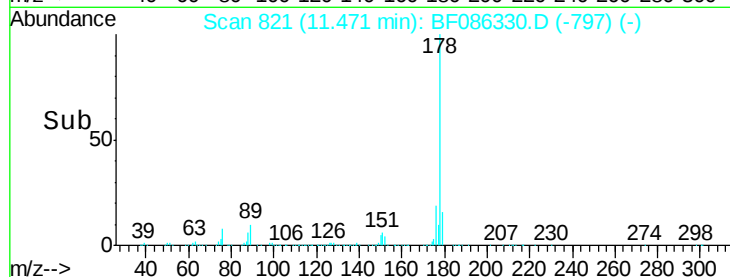
179 15.9 13.2 19.8



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: 14.17 ng

RT: 11.62 min Scan# 834

Delta R.T. -0.02 min

Lab File: BF086330.D

Acq: 21 Apr 2016 1:29

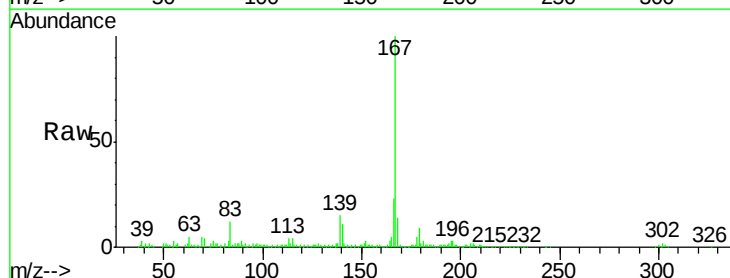
Tgt Ion:167 Resp: 345279

Ion Ratio Lower Upper

167 100

166 22.9 18.3 27.5

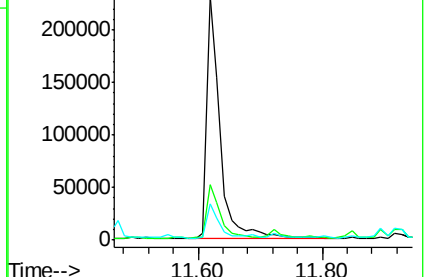
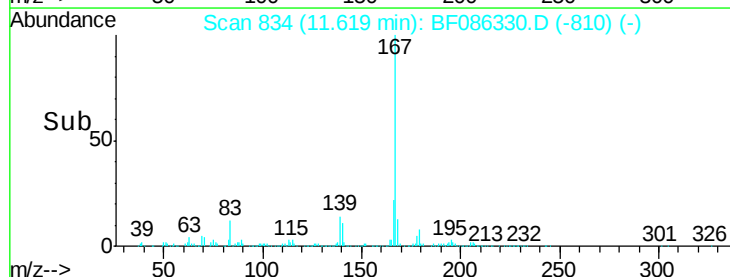
139 14.9 12.3 18.5

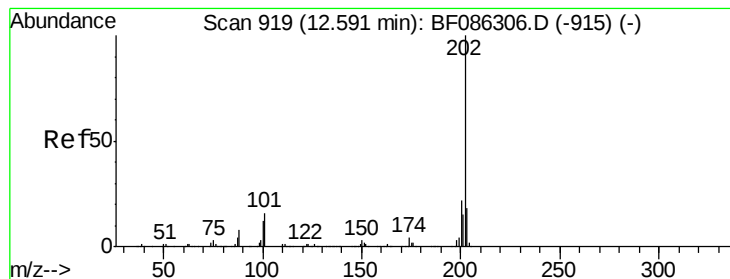


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 212.75 ng

RT: 12.63 min Scan# 922

Delta R.T. 0.00 min

Lab File: BF086330.D

Acq: 21 Apr 2016 1:29

Instrument :

BNA_F

ClientSampleId :

RODNEY-AVE-PS(0-2)H

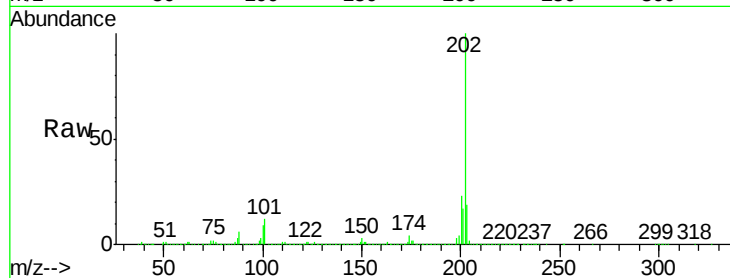
Tgt Ion:202 Resp: 4742404

Ion Ratio Lower Upper

202 100

101 12.2 0.0 35.2

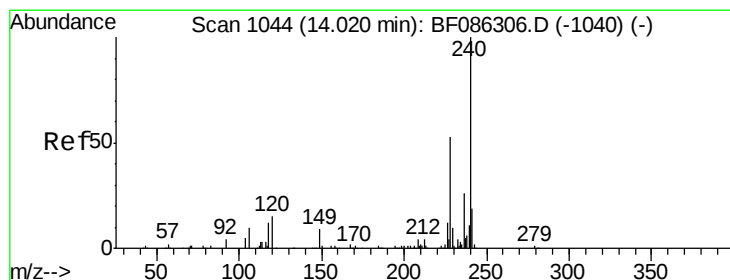
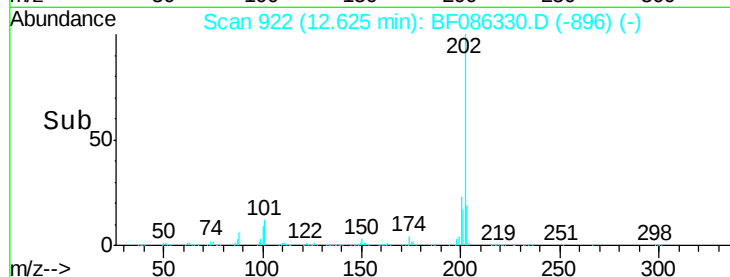
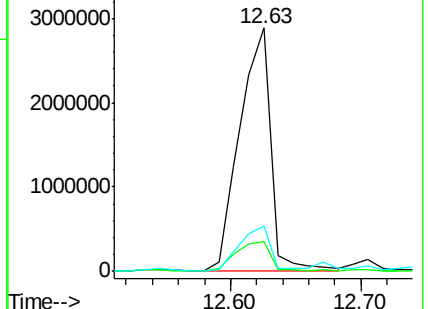
203 18.8 0.0 38.2



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: 14.04 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BF086330.D

Acq: 21 Apr 2016 1:29

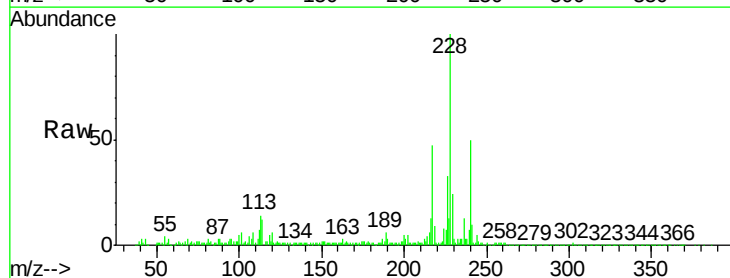
Tgt Ion:240 Resp: 271592

Ion Ratio Lower Upper

240 100

120 11.8 9.3 13.9

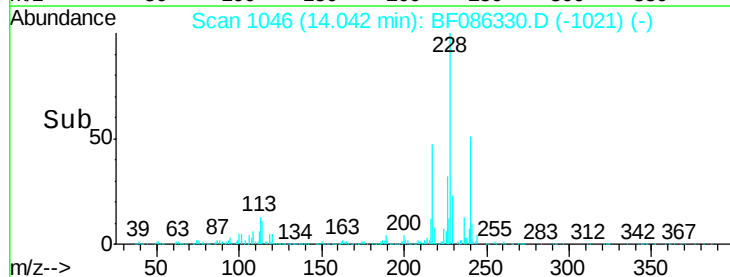
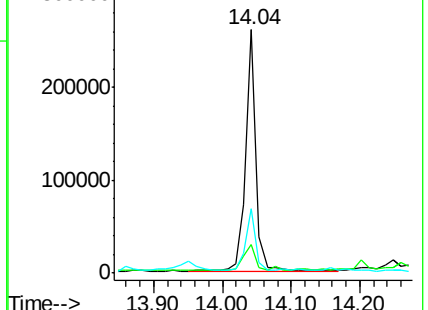
236 26.5 21.1 31.7

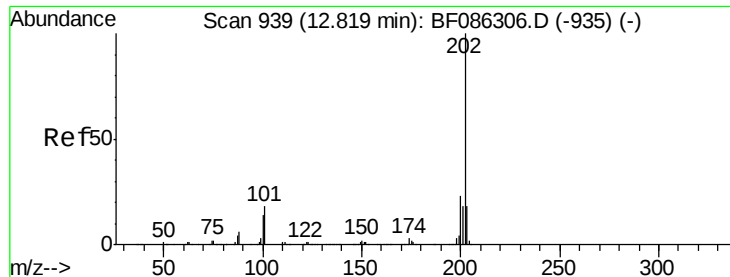


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

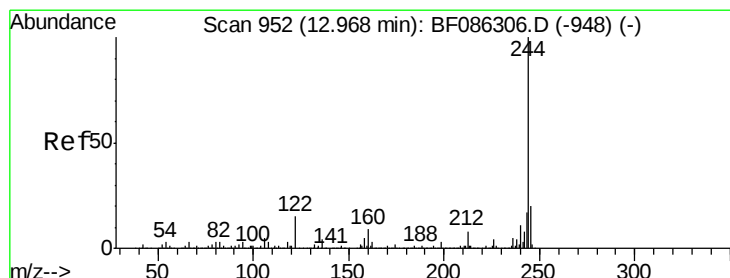
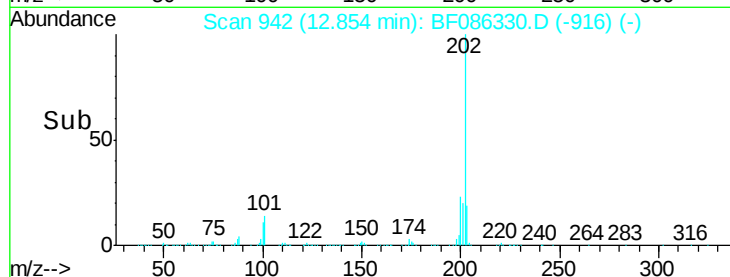
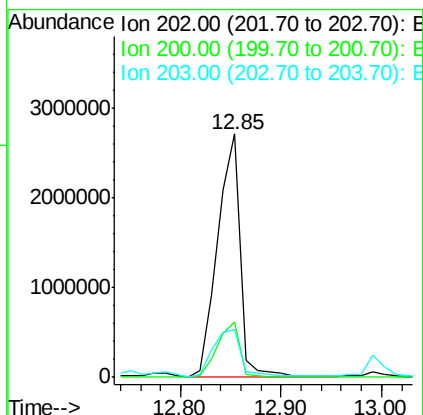
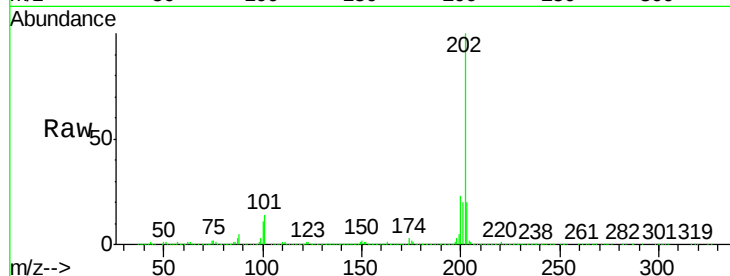




#77
 Pyrene
 Concen: 209.07 ng
 RT: 12.85 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: BF086330.D
 Acq: 21 Apr 2016 1:29

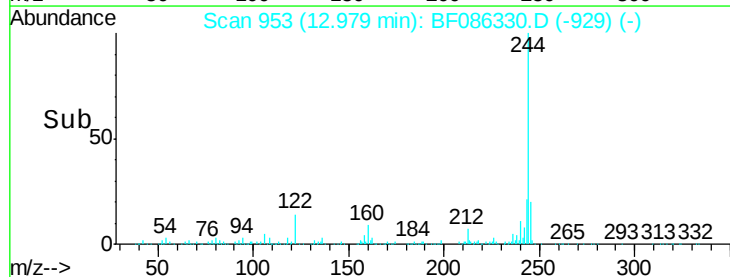
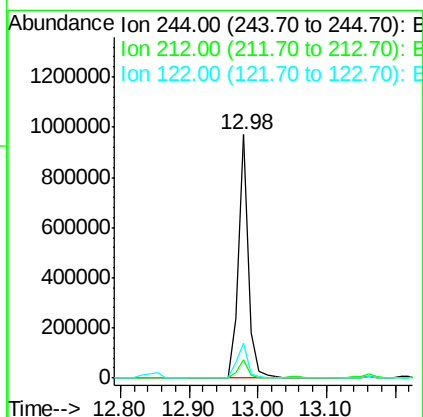
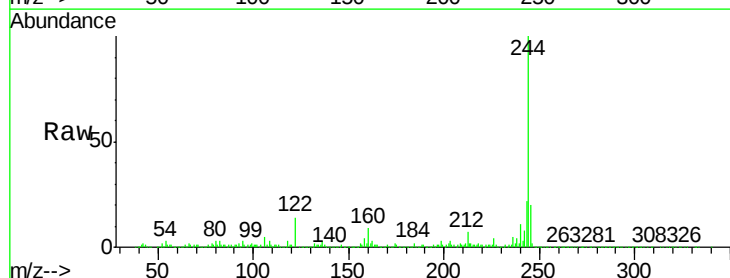
Instrument :
 BNA_F
 ClientSampleId :
 RODNEY-AVE-PS(0-2)H

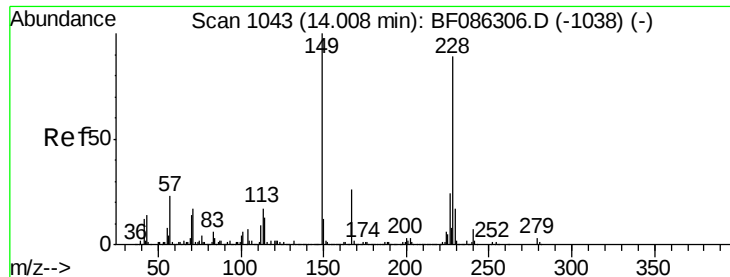
Tgt Ion:202 Resp: 4212108
 Ion Ratio Lower Upper
 202 100
 200 23.0 18.3 27.5
 203 19.5 14.9 22.3



#78
 Terphenyl-d14
 Concen: 86.87 ng
 RT: 12.98 min Scan# 953
 Delta R.T. -0.02 min
 Lab File: BF086330.D
 Acq: 21 Apr 2016 1:29

Tgt Ion:244 Resp: 991179
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.4 9.6
 122 14.3 11.7 17.5





#80

Benzo(a)anthracene

Concen: 183.34 ng

RT: 14.03 min Scan# 1045

Delta R.T. -0.01 min

Lab File: BF086330.D

Acq: 21 Apr 2016 1:29

Instrument :

BNA_F

ClientSampleId :

RODNEY-AVE-PS(0-2)H

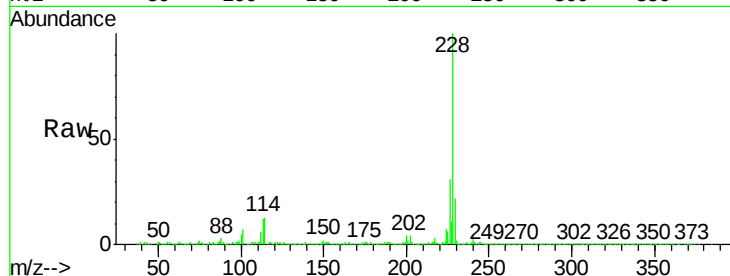
Tgt Ion:228 Resp: 2622956

Ion Ratio Lower Upper

228 100

226 31.0 22.5 33.7

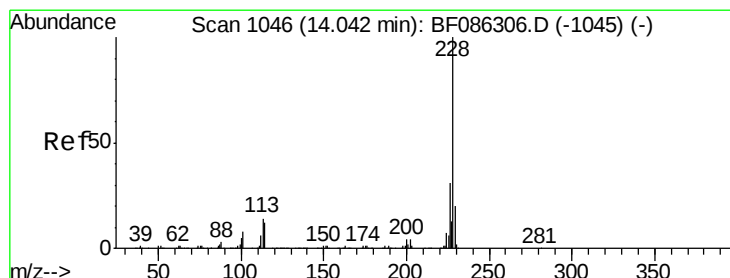
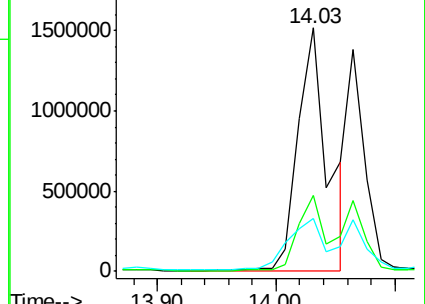
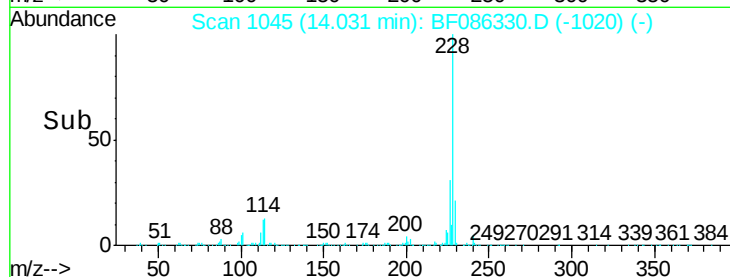
229 21.6 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

Chrysene

Concen: 169.61 ng

RT: 14.03 min Scan# 1045

Delta R.T. -0.05 min

Lab File: BF086330.D

Acq: 21 Apr 2016 1:29

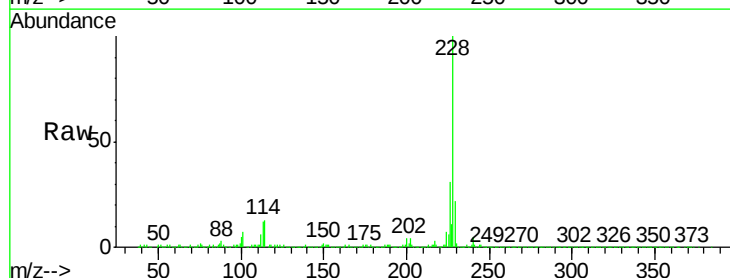
Tgt Ion:228 Resp: 2622956

Ion Ratio Lower Upper

228 100

226 31.0 25.4 38.2

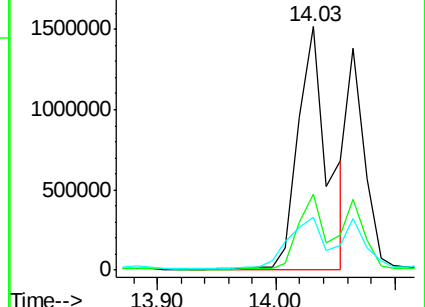
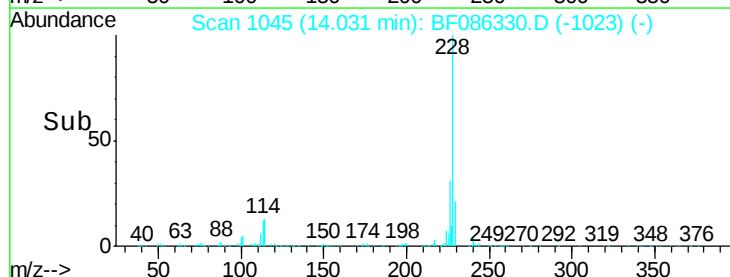
229 21.6 16.5 24.7

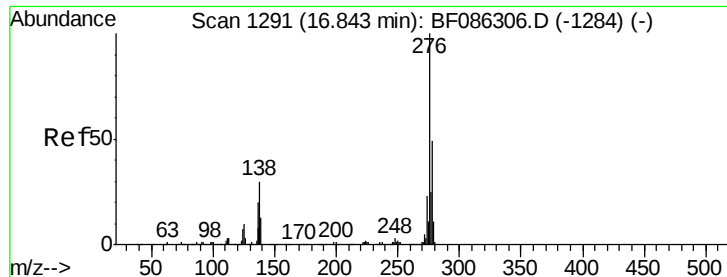


Abundance Ion 228.00 (227.70 to 228.70): E

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: 77.10 ng

RT: 16.90 min Scan# 1296

Delta R.T. 0.00 min

Lab File: BF086330.D

Acq: 21 Apr 2016 1:29

Instrument :

BNA_F

ClientSampleId :

RODNEY-AVE-PS(0-2)H

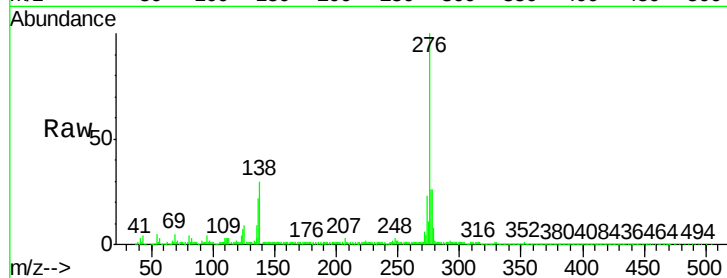
Tgt Ion:276 Resp: 1226013

Ion Ratio Lower Upper

276 100

138 25.5 23.8 35.6

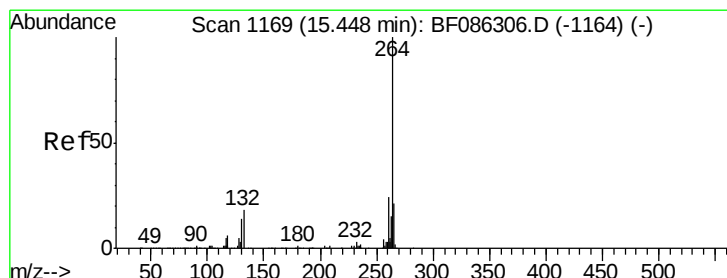
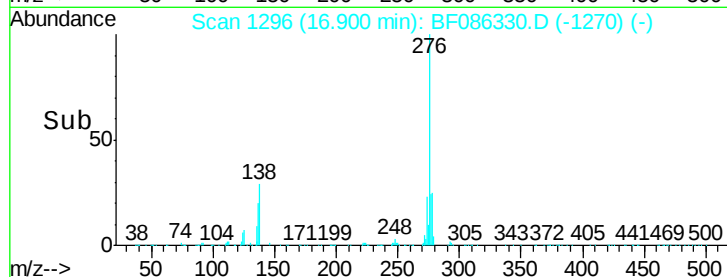
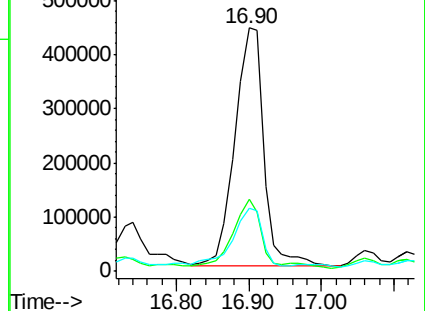
277 26.1 20.2 30.2



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: 15.47 min Scan# 1171

Delta R.T. -0.01 min

Lab File: BF086330.D

Acq: 21 Apr 2016 1:29

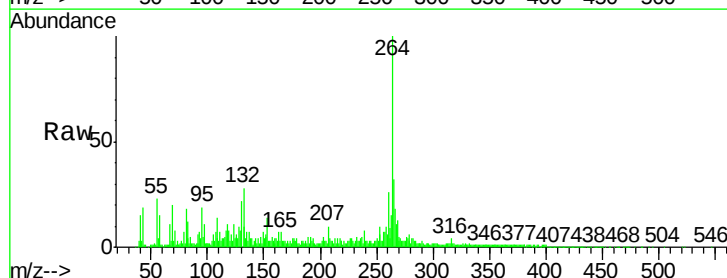
Tgt Ion:264 Resp: 264523

Ion Ratio Lower Upper

264 100

260 25.5 20.0 30.0

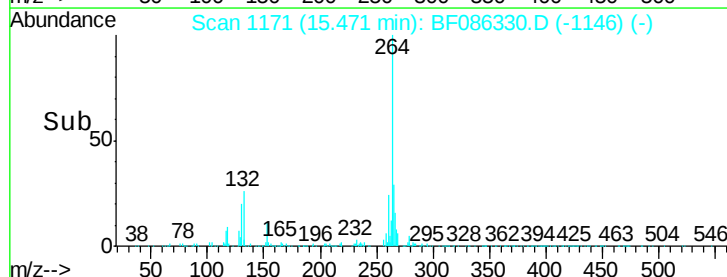
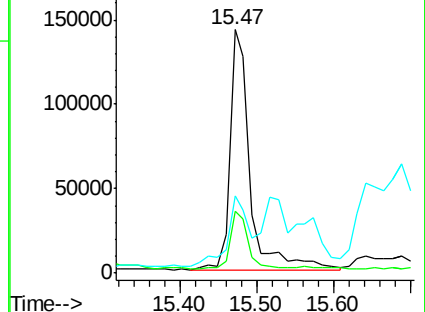
265 31.8 17.4 26.0#

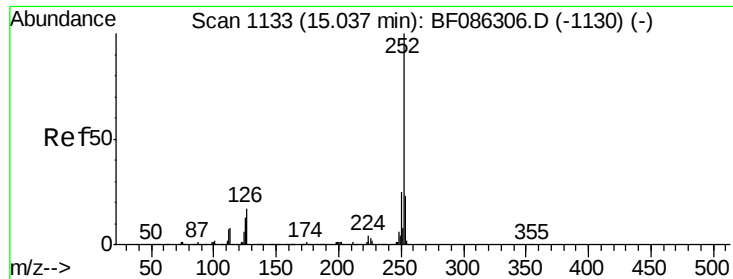


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 189.31 ng

RT: 15.07 min Scan# 1136

Delta R.T. 0.00 min

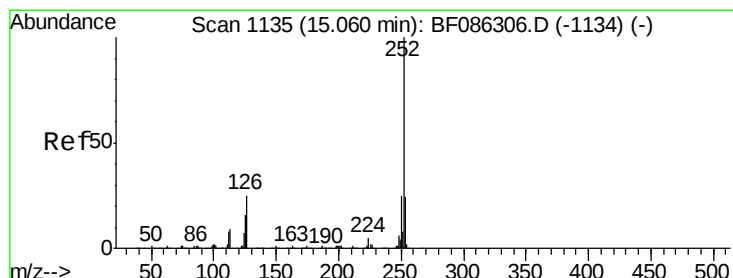
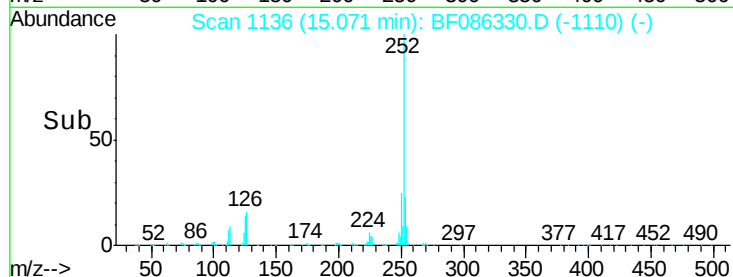
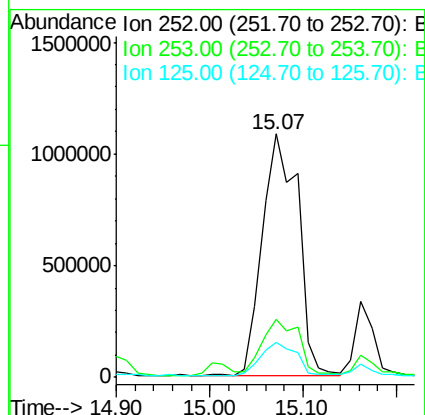
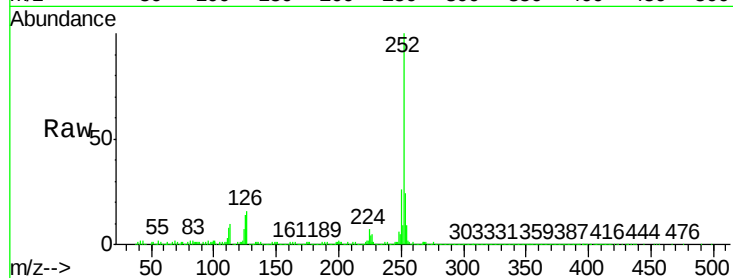
Lab File: BF086330.D

Acq: 21 Apr 2016 1:29

Instrument :
BNA_F
ClientSampleId :
RODNEY-AVE-PS(0-2)H

Tgt Ion:252 Resp: 2896324

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.7	26.5
125	14.4	10.3	15.5



#88

Benzo(k)fluoranthene

Concen: 224.87 ng

RT: 15.07 min Scan# 1136

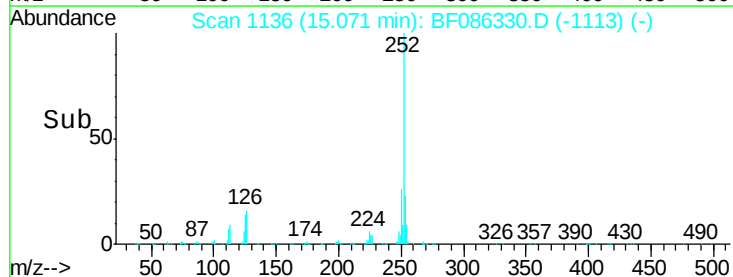
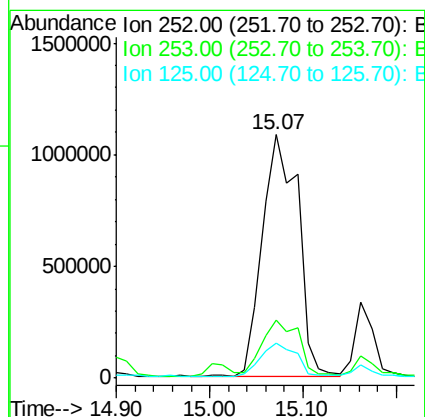
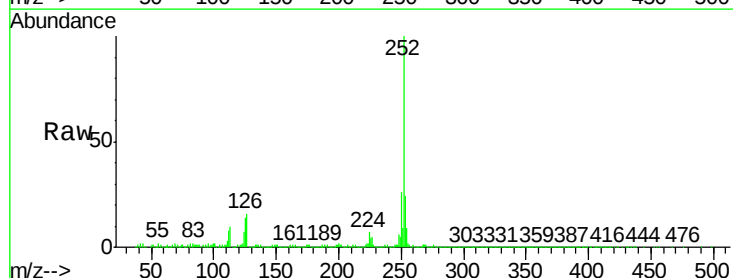
Delta R.T. -0.03 min

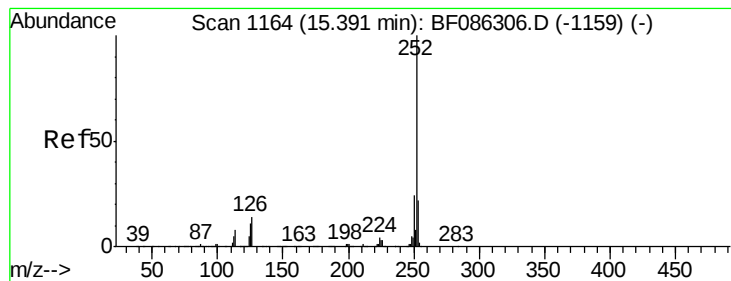
Lab File: BF086330.D

Acq: 21 Apr 2016 1:29

Tgt Ion:252 Resp: 2896324

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.5	26.3
125	14.4	7.8	11.6#





#89

Benzo(a)pyrene

Concen: 111.48 ng

RT: 15.43 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BF086330.D

Acq: 21 Apr 2016 1:29

Instrument :

BNA_F

ClientSampleId :

RODNEY-AVE-PS(0-2)H

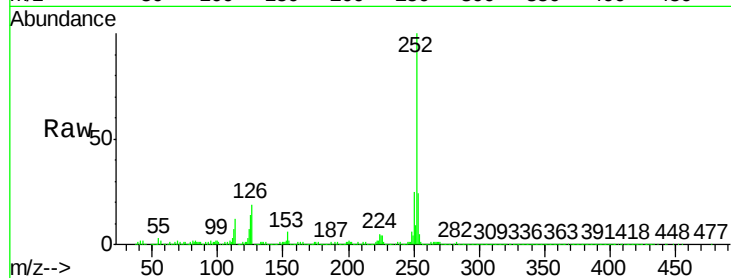
Tgt Ion:252 Resp: 1572057

Ion Ratio Lower Upper

252 100

253 23.8 17.8 26.8

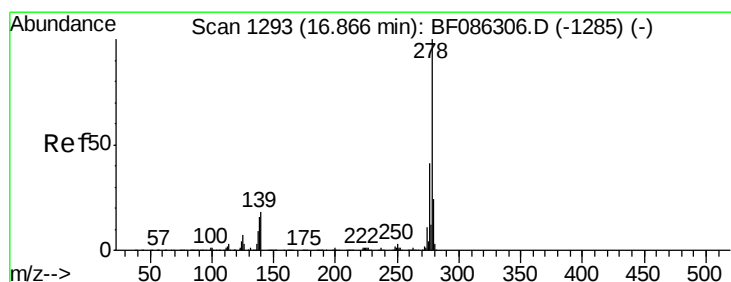
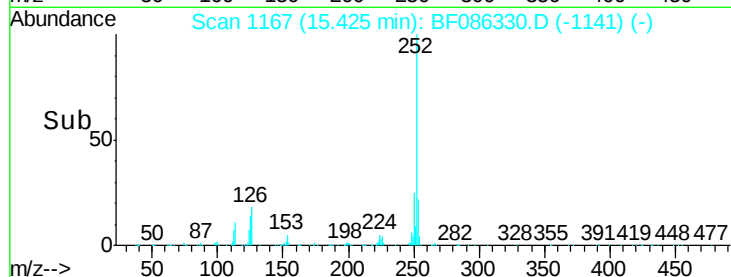
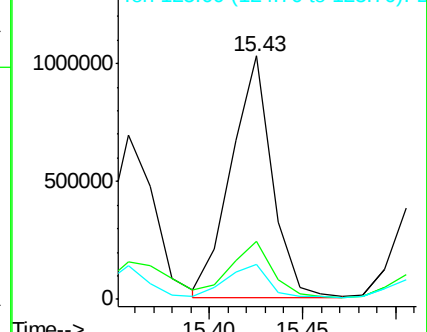
125 14.3 11.2 16.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 26.44 ng

RT: 16.91 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF086330.D

Acq: 21 Apr 2016 1:29

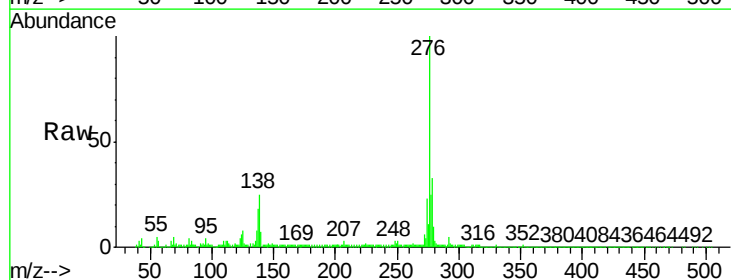
Tgt Ion:278 Resp: 325515

Ion Ratio Lower Upper

278 100

139 22.6 15.3 22.9

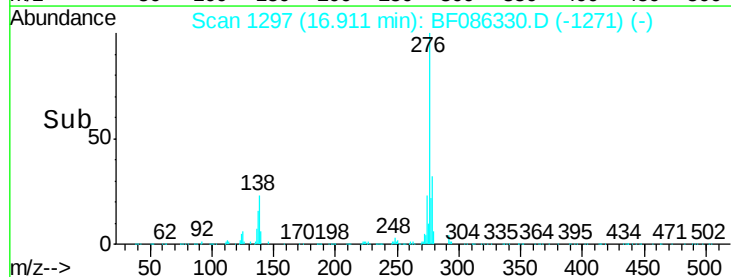
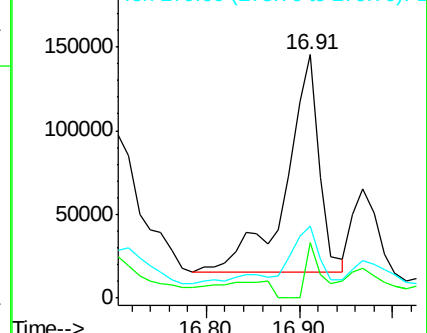
279 29.4 19.1 28.7#

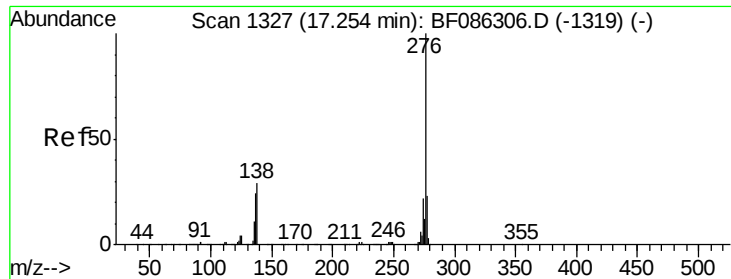


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(g,h,i)perylene
 Concen: 103.16 ng
 RT: 17.33 min Scan# 1334
 Delta R.T. 0.01 min
 Lab File: BF086330.D
 Acq: 21 Apr 2016 1:29

Instrument :
 BNA_F
 ClientSampleId :
 RODNEY-AVE-PS(0-2)H

Tgt Ion: 276 Resp: 1217609
 Ion Ratio Lower Upper
 276 100
 277 24.7 19.0 28.6
 138 28.0 19.6 29.4

