

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042016\
 Data File : BF086329.D
 Acq On : 21 Apr 2016 1:01
 Operator : UM/SJ
 Sample : H2601-13
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

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

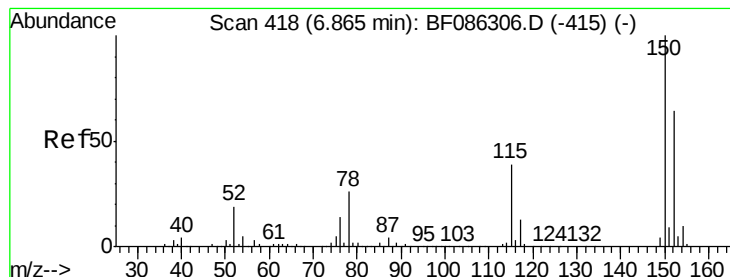
Quant Time: Apr 21 02:04:00 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 20 15:45:26 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	231488	20.00	ng	-0.03
21) Naphthalene-d8	8.16	136	792462	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	289519	20.00	ng	-0.03
63) Phenanthrene-d10	11.39	188	490979	20.00	ng	-0.02
75) Chrysene-d12	14.04	240	292334	20.00	ng	-0.01
86) Perylene-d12	15.47	264	296548	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1525756	115.00	ng	-0.01
7) Phenol-d6	6.50	99	1799913	103.67	ng	-0.02
23) Nitrobenzene-d5	7.42	82	1115193	80.59	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	270314	119.79	ng	-0.03
44) 2-Fluorobiphenyl	9.23	172	1452626	99.55	ng	-0.03
78) Terphenyl-d14	12.98	244	1089275	88.69	ng	-0.02

Target Compounds						Qvalue
15) Benzyl Alcohol	7.02	79	22302	2.07	ng	# 47
19) n-Nitroso-di-n-propylamine	7.42	70	143395	13.63	ng	# 82
31) Naphthalene	8.17	128	288907	7.65	ng	98
37) 2-Methylnaphthalene	8.86	142	111907	4.80	ng	98
48) Acenaphthylene	9.77	152	560841	20.85	ng	98
49) Dimethylphthalate	9.62	163	148725	6.75	ng	99
51) Acenaphthene	9.94	154	275837	17.48	ng	100
53) 2,4-Dinitrophenol	10.19	184	209	6.84	ng	# 1
54) Dibenzofuran	10.11	168	282690	13.17	ng	98
55) 4-Nitrophenol	10.11	139	102553	28.67	ng	# 5
57) Fluorene	10.45	166	430398	27.07	ng	98
64) 4,6-Dinitro-2-methylphenol	10.61	198	207	6.18	ng	# 1
66) 4-Bromophenyl-phenylether	10.69	248	16972	3.22	ng	# 1
70) Phenanthrene	11.42	178	3082271	132.48	ng	100
71) Anthracene	11.47	178	1527178	61.29	ng	99
72) Carbazole	11.62	167	449483	19.06	ng	98
74) Fluoranthene	12.61	202	4717025	218.66	ng	98
77) Pyrene	12.84	202	4241390	195.58	ng	97
80) Benzo(a)anthracene	14.03	228	2321906	150.78	ng	95
82) Chrysene	14.03	228	2321906	139.49	ng	99
85) Indeno(1,2,3-cd)pyrene	16.90	276	1281157	74.85	ng	94
87) Benzo(b)fluoranthene	15.07	252	3142885	183.24	ng	97
88) Benzo(k)fluoranthene	15.07	252	3142885	217.66	ng	# 93
89) Benzo(a)pyrene	15.43	252	1700429	107.56	ng	98
90) Dibenzo(a,h)anthracene	17.06	278	272434	19.74	ng	92
91) Benzo(g,h,i)perylene	17.33	276	1223997	92.51	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.03 min

Lab File: BF086329.D

Acq: 21 Apr 2016 1:01

Instrument :

BNA_F

ClientSampleId :

RODNEY-AVE-PS(0-2)G

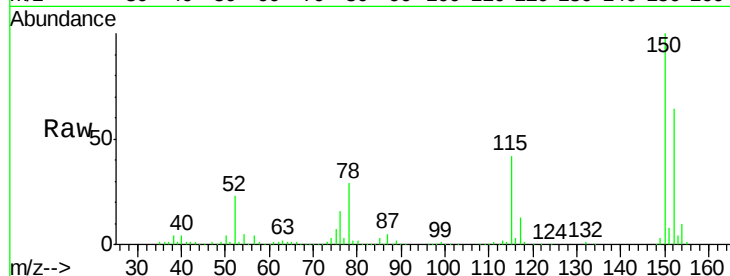
Tgt Ion:152 Resp: 231488

Ion Ratio Lower Upper

152 100

150 155.9 124.1 186.1

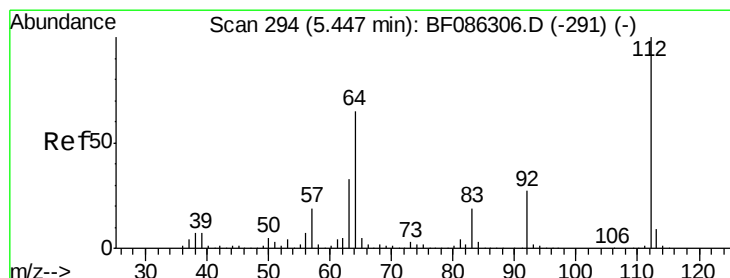
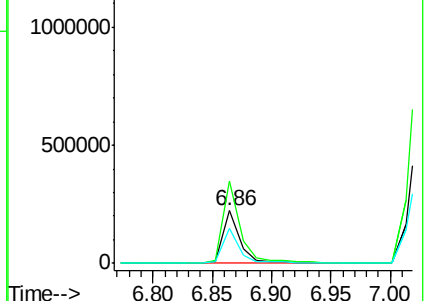
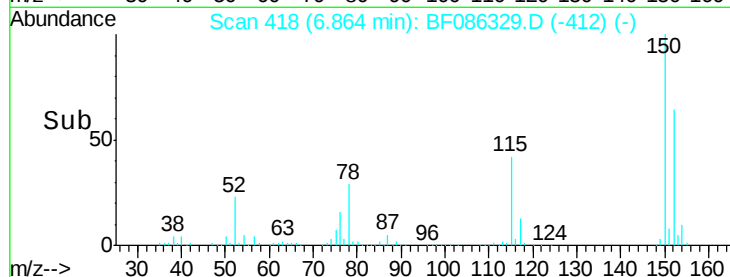
115 65.1 43.9 65.9



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: 115.00 ng

RT: 5.47 min Scan# 296

Delta R.T. -0.01 min

Lab File: BF086329.D

Acq: 21 Apr 2016 1:01

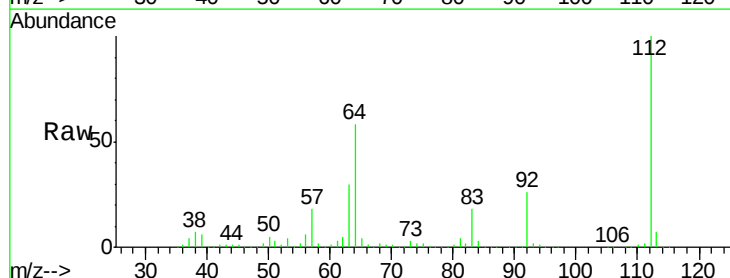
Tgt Ion:112 Resp: 1525756

Ion Ratio Lower Upper

112 100

64 58.2 48.1 72.1

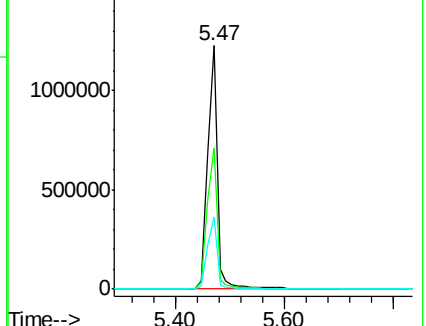
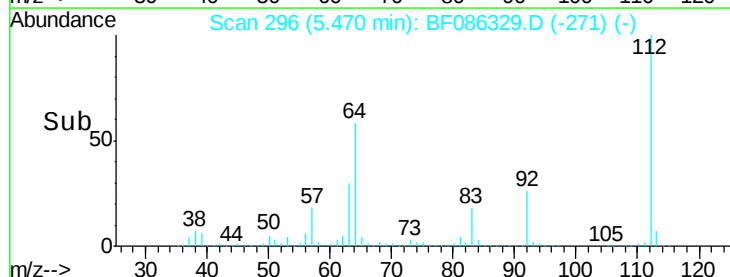
63 29.5 25.5 38.3

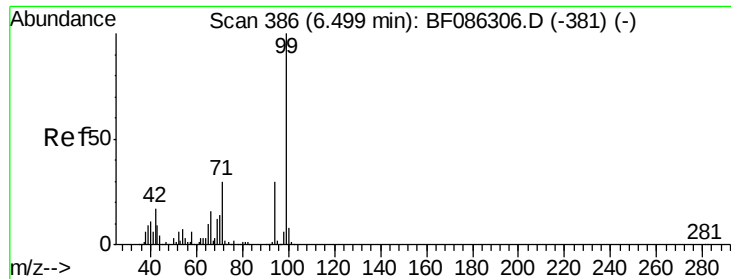


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 103.67 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.02 min

Lab File: BF086329.D

Acq: 21 Apr 2016 1:01

Instrument :

BNA_F

ClientSampleId :

RODNEY-AVE-PS(0-2)G

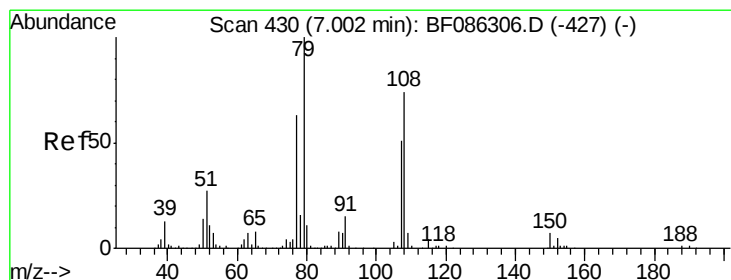
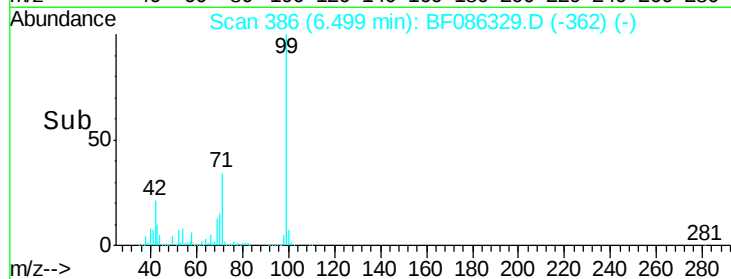
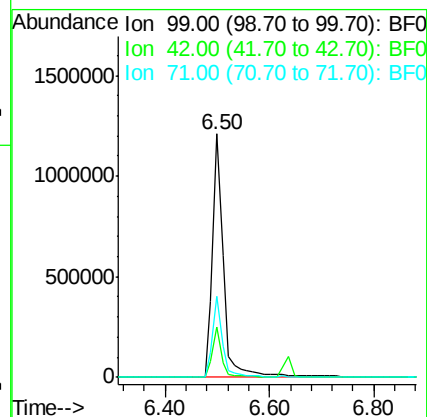
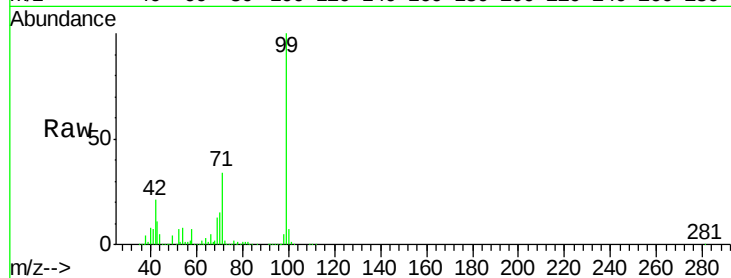
Tgt Ion: 99 Resp: 1799913

Ion Ratio Lower Upper

99 100

42 20.9 15.4 23.2

71 33.5 25.6 38.4



#15

Benzyl Alcohol

Concen: 2.07 ng

RT: 7.02 min Scan# 432

Delta R.T. -0.01 min

Lab File: BF086329.D

Acq: 21 Apr 2016 1:01

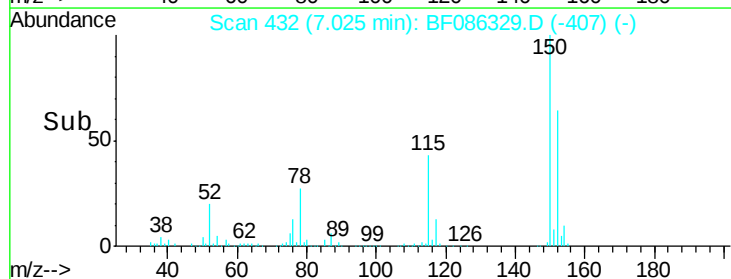
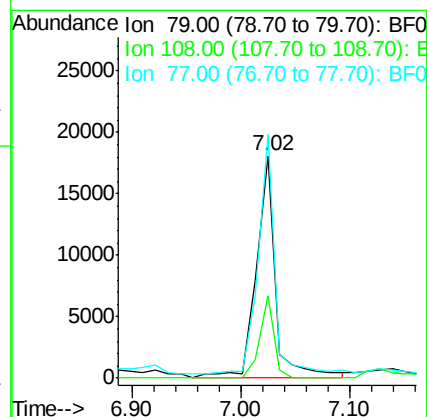
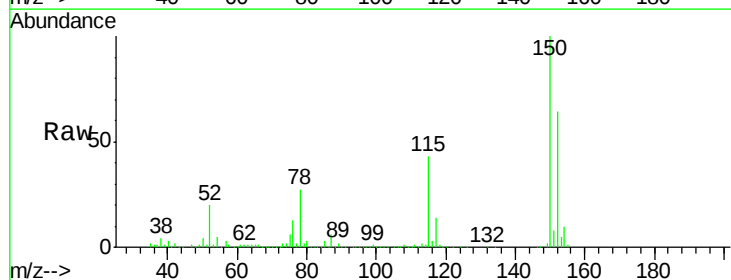
Tgt Ion: 79 Resp: 22302

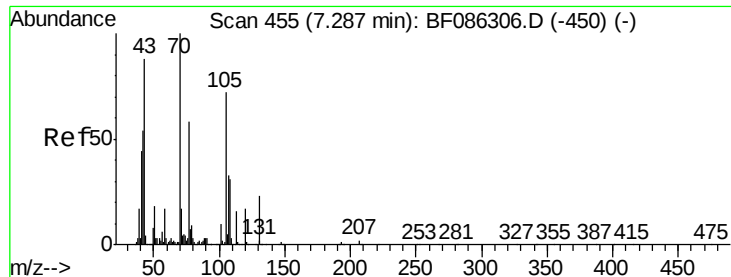
Ion Ratio Lower Upper

79 100

108 37.1 64.8 97.2#

77 109.6 51.9 77.9#

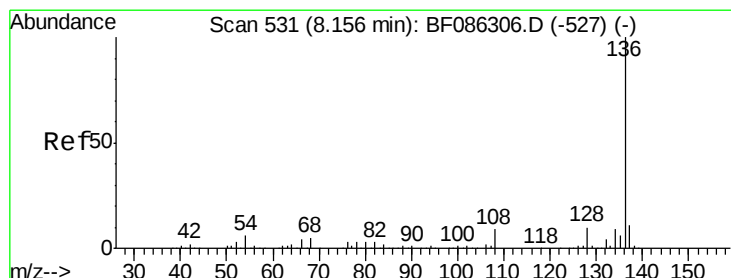
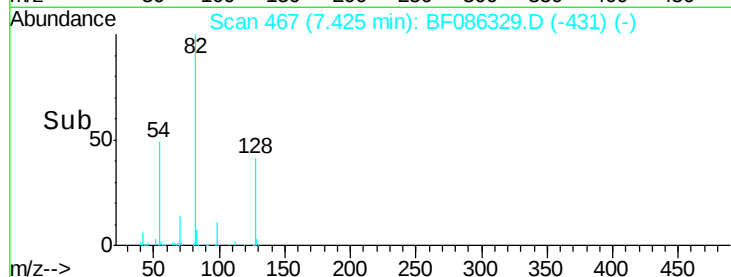
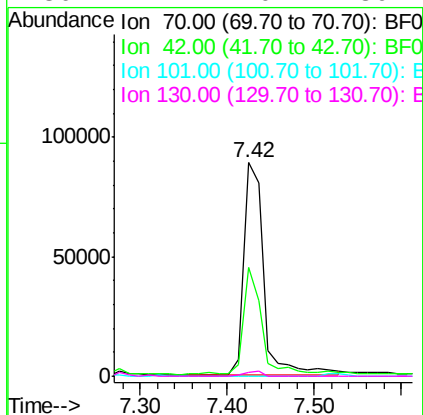
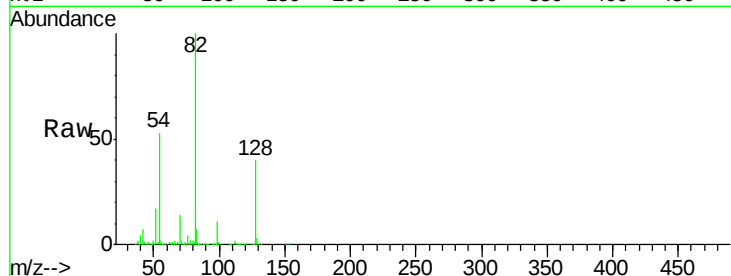




#19
n-Nitroso-di-n-propylamine
Concen: 13.63 ng
RT: 7.42 min Scan# 467
Delta R.T. 0.11 min
Lab File: BF086329.D
Acq: 21 Apr 2016 1:01

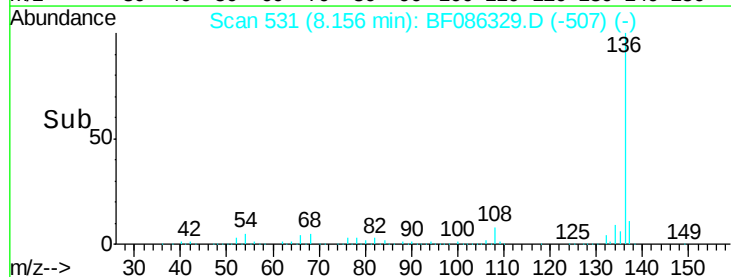
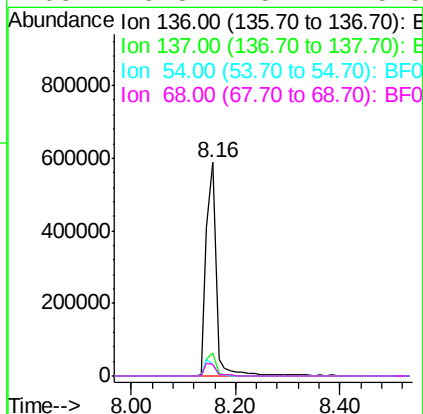
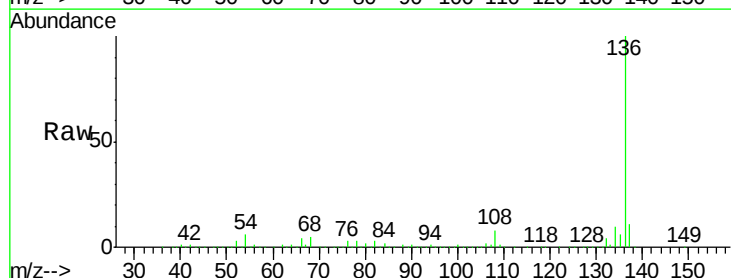
Instrument :
BNA_F
ClientSampleId :
RODNEY-AVE-PS(0-2)G

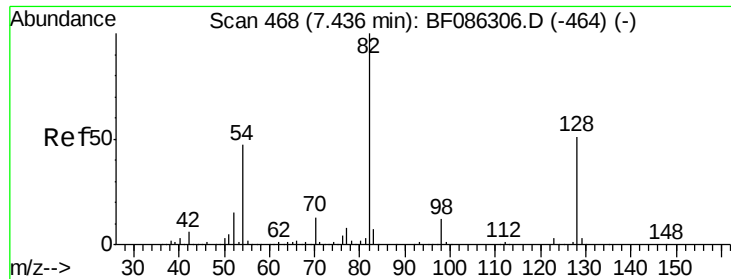
Tgt Ion: 70 Resp: 143395
Ion Ratio Lower Upper
70 100
42 50.8 43.0 64.4
101 0.0 8.1 12.1#
130 2.1 20.1 30.1#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.02 min
Lab File: BF086329.D
Acq: 21 Apr 2016 1:01

Tgt Ion: 136 Resp: 792462
Ion Ratio Lower Upper
136 100
137 10.8 9.1 13.7
54 5.7 7.3 10.9#
68 5.3 5.7 8.5#

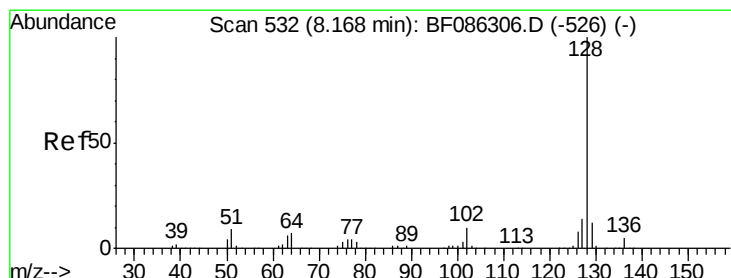
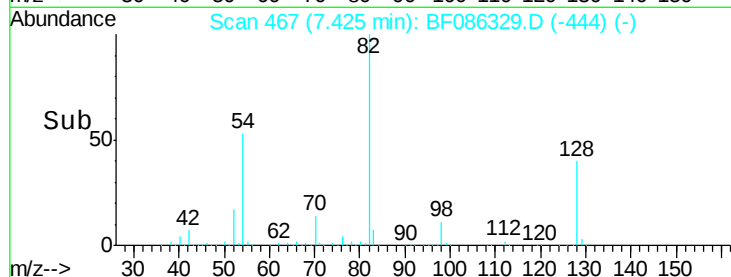
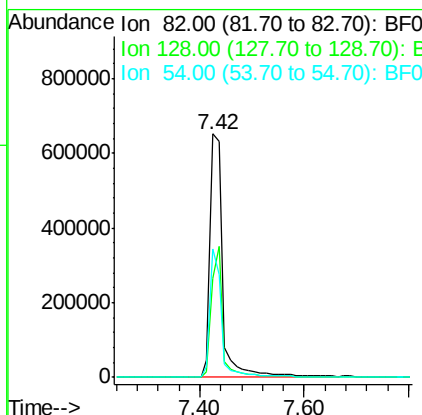
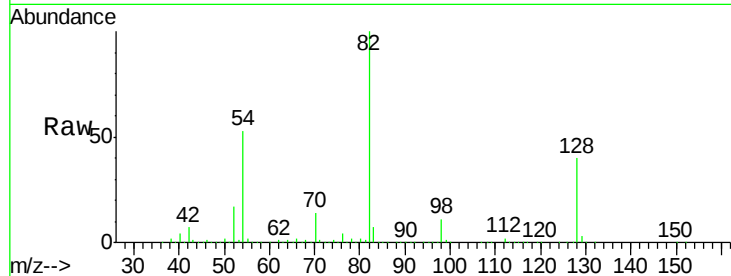




#23
 Nitrobenzene-d5
 Concen: 80.59 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.03 min
 Lab File: BF086329.D
 Acq: 21 Apr 2016 1:01

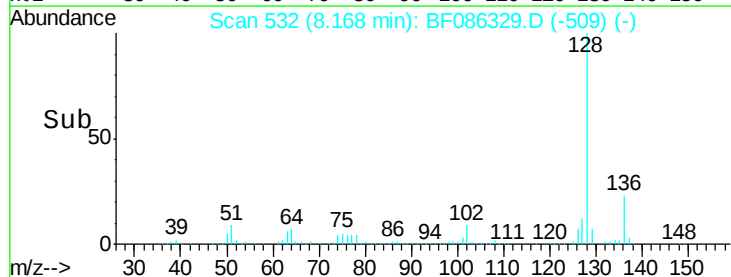
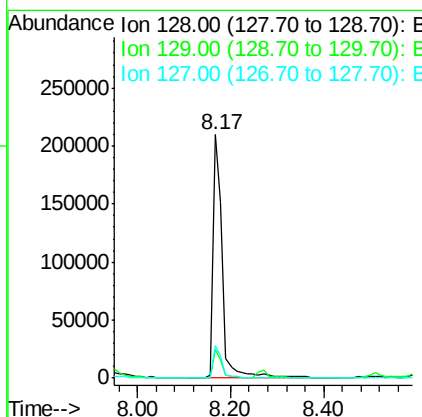
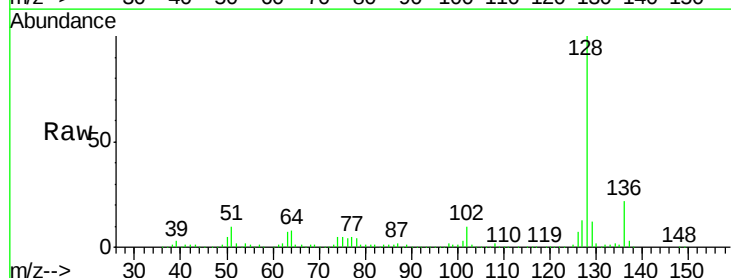
Instrument :
 BNA_F
 ClientSampleId :
 RODNEY-AVE-PS(0-2)G

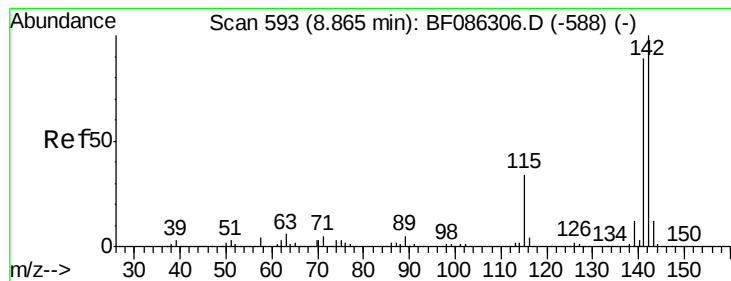
Tgt Ion: 82 Resp: 1115193
 Ion Ratio Lower Upper
 82 100
 128 40.5 35.4 53.2
 54 52.6 43.4 65.0



#31
 Naphthalene
 Concen: 7.65 ng
 RT: 8.17 min Scan# 532
 Delta R.T. -0.03 min
 Lab File: BF086329.D
 Acq: 21 Apr 2016 1:01

Tgt Ion: 128 Resp: 288907
 Ion Ratio Lower Upper
 128 100
 129 12.0 9.6 14.4
 127 13.1 11.4 17.2





#37

2-Methylnaphthalene

Concen: 4.80 ng

RT: 8.86 min Scan# 593

Delta R.T. -0.03 min

Lab File: BF086329.D

Acq: 21 Apr 2016 1:01

Instrument :

BNA_F

ClientSampleId :

RODNEY-AVE-PS(0-2)G

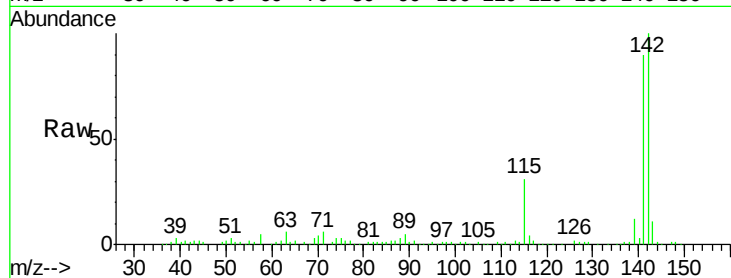
Tgt Ion:142 Resp: 111907

Ion Ratio Lower Upper

142 100

141 90.5 71.1 106.7

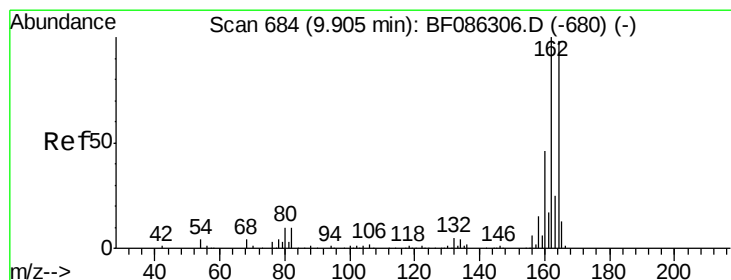
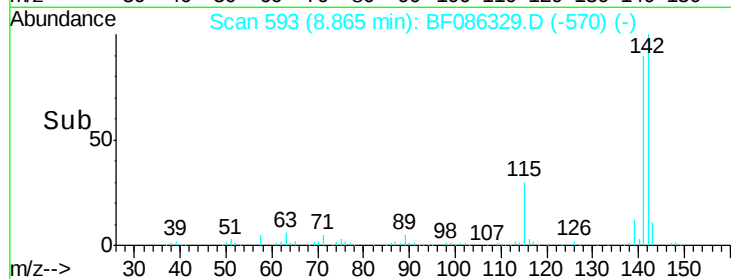
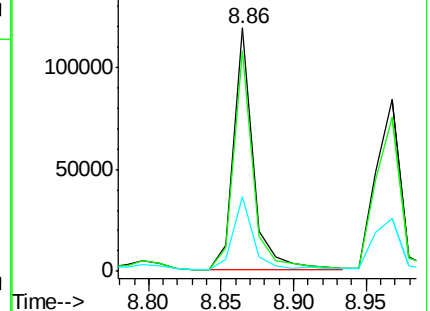
115 30.6 25.1 37.7



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: BF086329.D

Acq: 21 Apr 2016 1:01

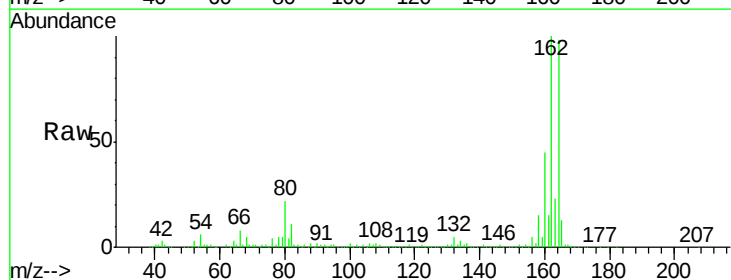
Tgt Ion:164 Resp: 289519

Ion Ratio Lower Upper

164 100

162 102.3 82.8 124.2

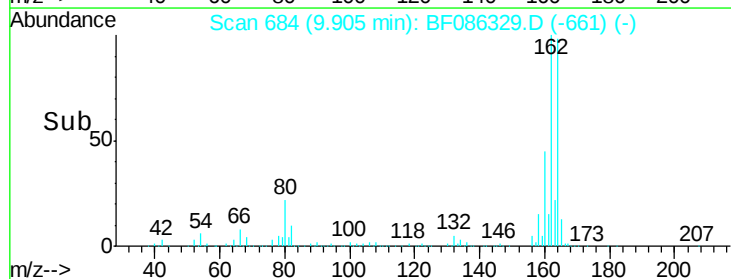
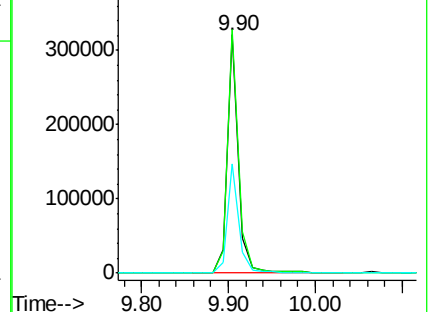
160 46.1 38.9 58.3

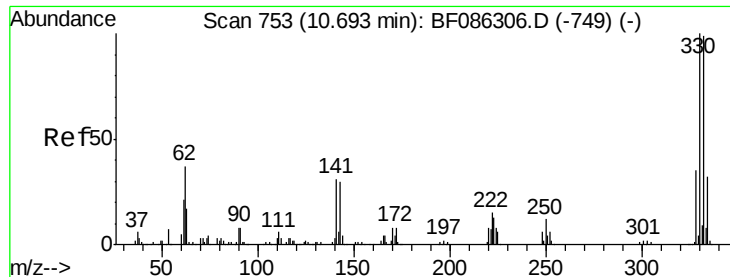


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

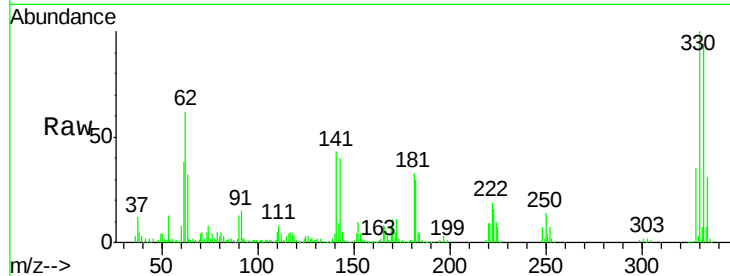




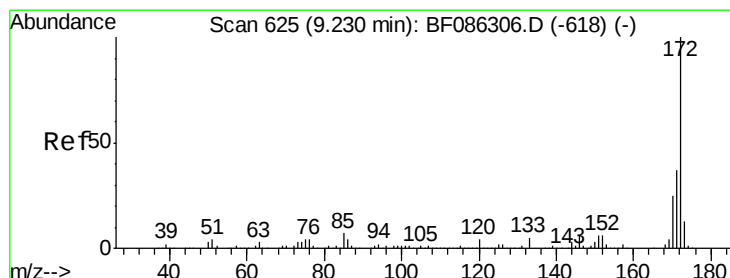
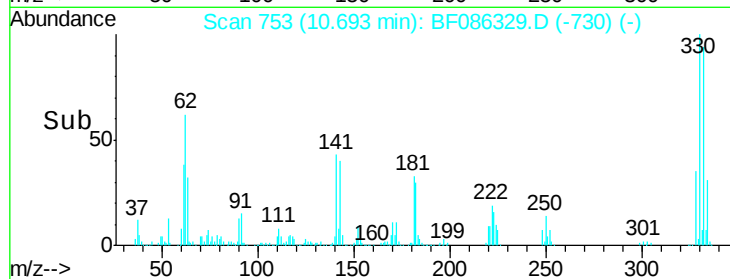
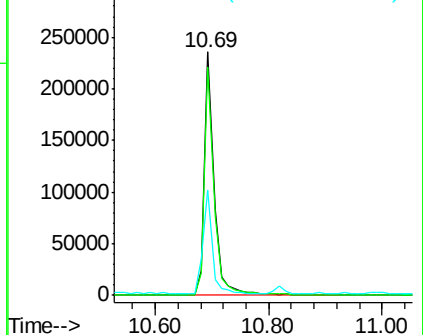
#41
 2,4,6-Tribromophenol
 Concen: 119.79 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.03 min
 Lab File: BF086329.D
 Acq: 21 Apr 2016 1:01

Instrument :
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Tgt Ion:330 Resp: 270314
 Ion Ratio Lower Upper
 330 100
 332 94.4 78.7 118.1
 141 41.4 28.6 42.8

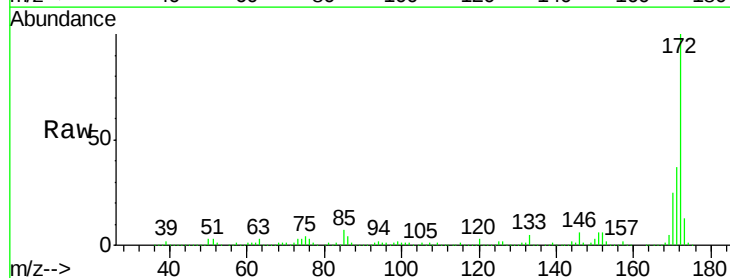


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

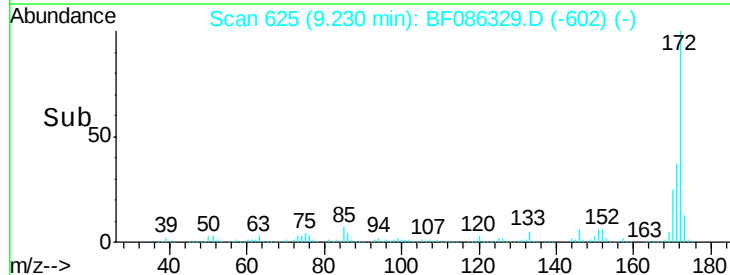
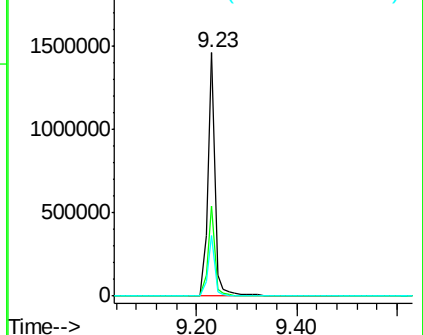


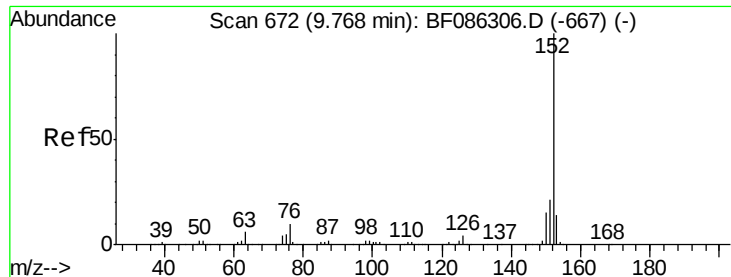
#44
 2-Fluorobiphenyl
 Concen: 99.55 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.03 min
 Lab File: BF086329.D
 Acq: 21 Apr 2016 1:01

Tgt Ion:172 Resp: 1452626
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.1 43.7
 170 24.9 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: 20.85 ng

RT: 9.77 min Scan# 672

Delta R.T. -0.03 min

Lab File: BF086329.D

Acq: 21 Apr 2016 1:01

Instrument :

BNA_F

ClientSampleId :

RODNEY-AVE-PS(0-2)G

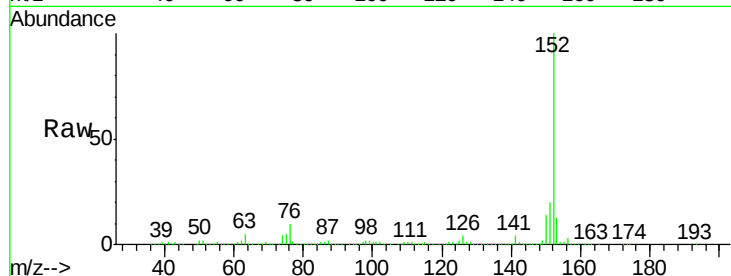
Tgt Ion:152 Resp: 560841

Ion Ratio Lower Upper

152 100

151 20.1 17.2 25.8

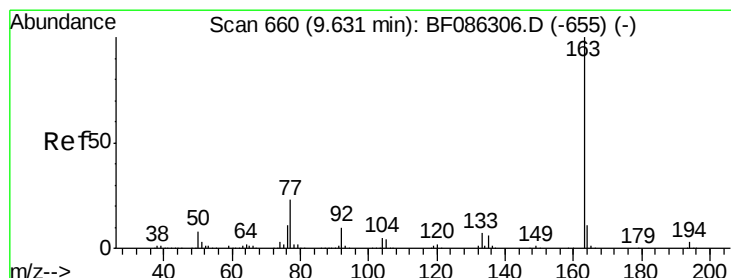
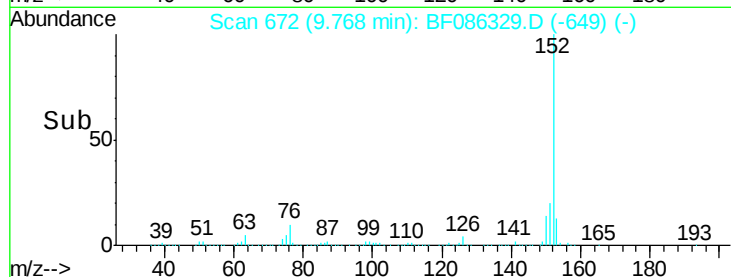
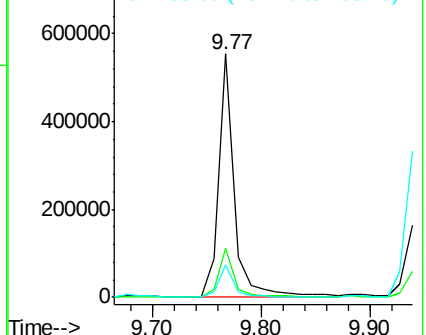
153 13.4 10.7 16.1



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: 6.75 ng

RT: 9.62 min Scan# 659

Delta R.T. -0.05 min

Lab File: BF086329.D

Acq: 21 Apr 2016 1:01

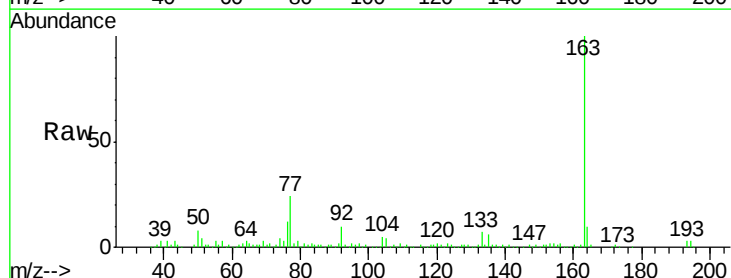
Tgt Ion:163 Resp: 148725

Ion Ratio Lower Upper

163 100

194 3.3 2.8 4.2

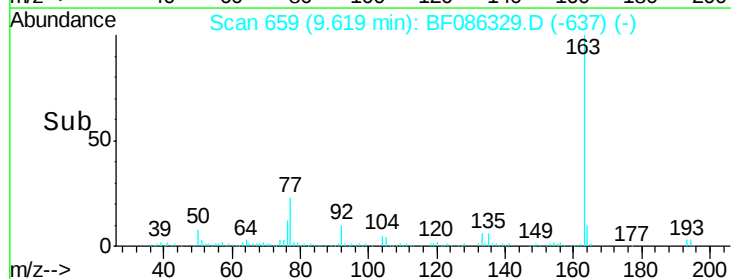
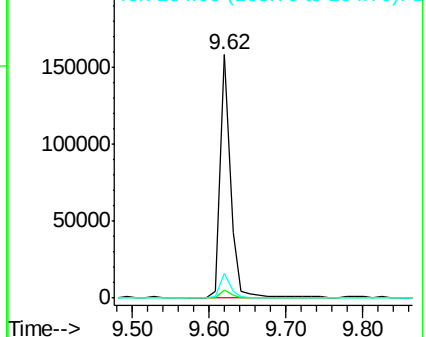
164 10.2 8.4 12.6

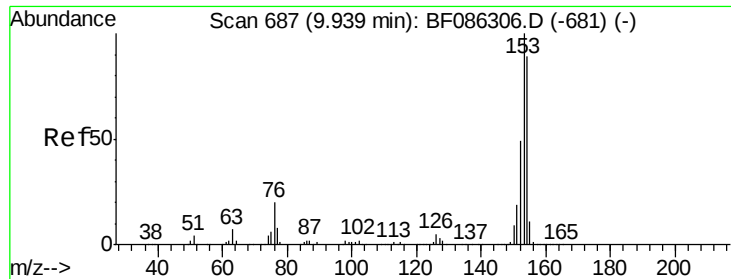


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

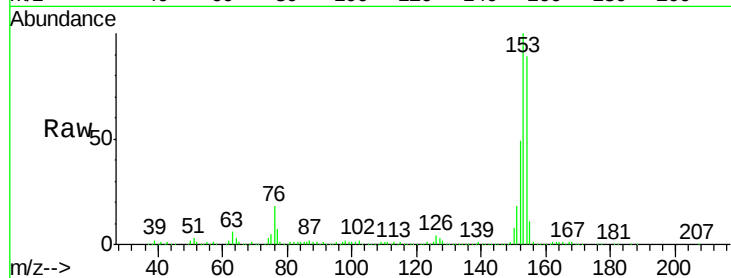




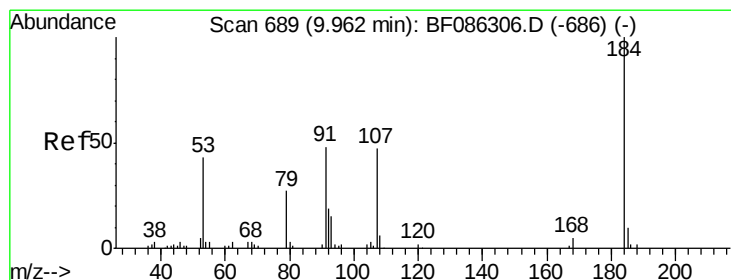
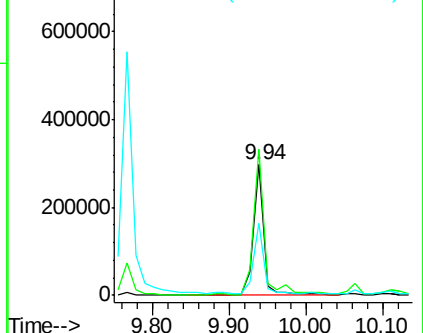
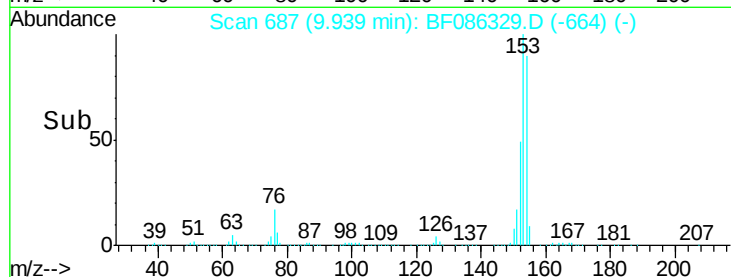
#51
Acenaphthene
Concen: 17.48 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.03 min
Lab File: BF086329.D
Acq: 21 Apr 2016 1:01

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

Tgt Ion:154 Resp: 275837
Ion Ratio Lower Upper
154 100
153 112.1 90.0 135.0
152 55.2 44.3 66.5

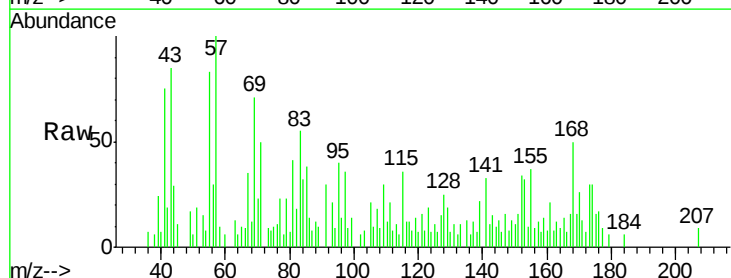


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

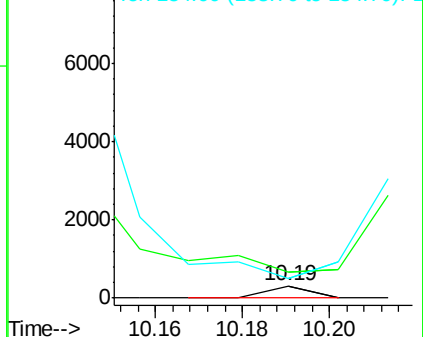
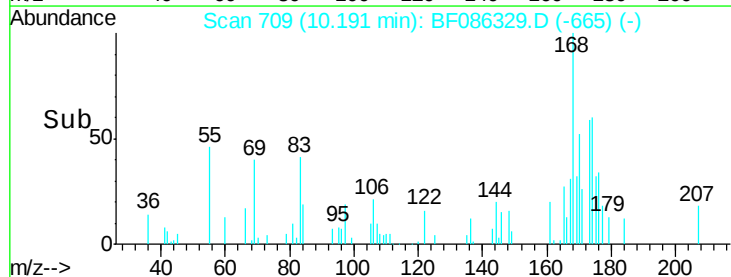


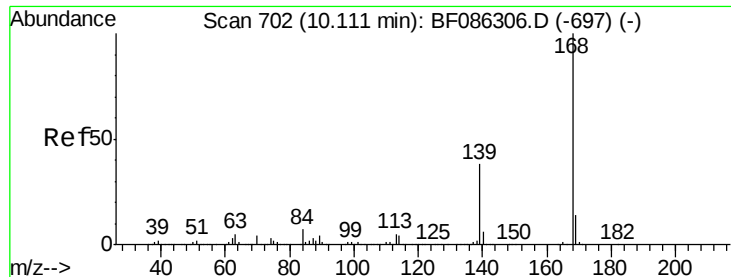
#53
2,4-Dinitrophenol
Concen: 6.84 ng
RT: 10.19 min Scan# 709
Delta R.T. 0.21 min
Lab File: BF086329.D
Acq: 21 Apr 2016 1:01

Tgt Ion:184 Resp: 209
Ion Ratio Lower Upper
184 100
63 215.8 64.7 97.1#
154 167.4 59.4 89.2#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

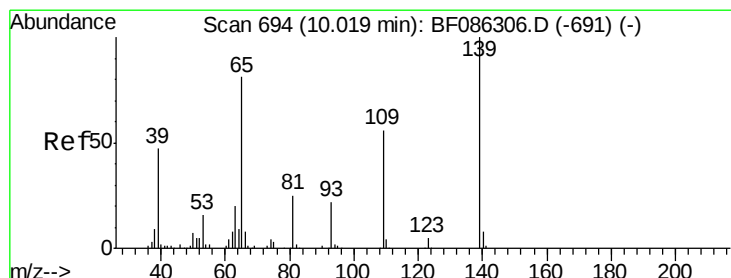
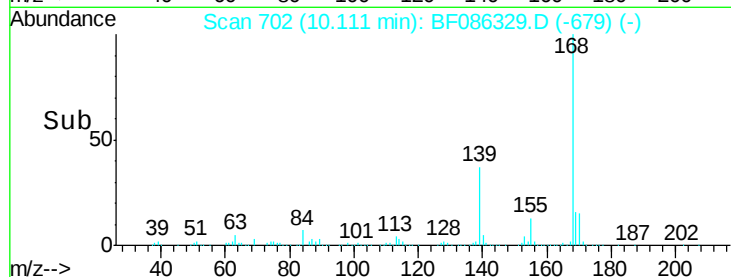
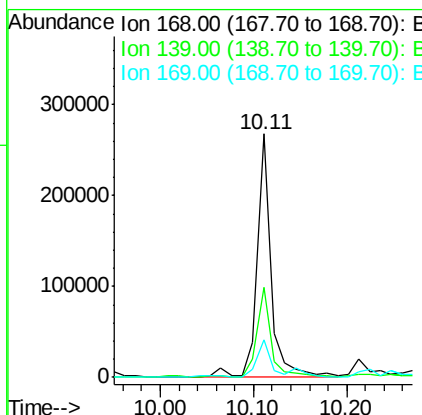
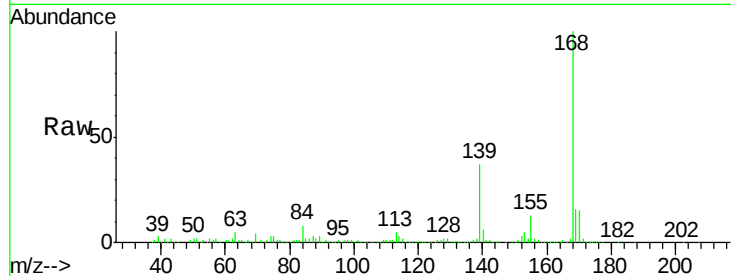




#54
Dibenzenofuran
Concen: 13.17 ng
RT: 10.11 min Scan# 702
Delta R.T. -0.03 min
Lab File: BF086329.D
Acq: 21 Apr 2016 1:01

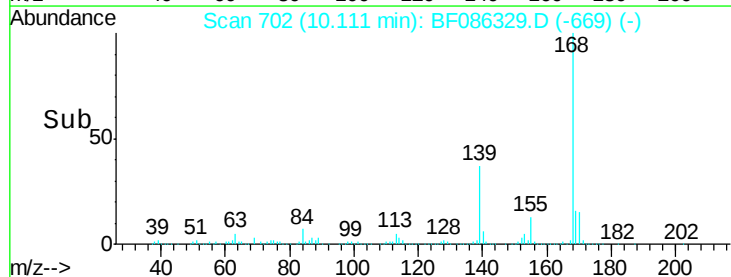
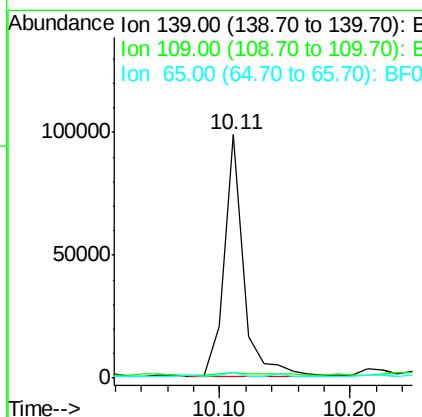
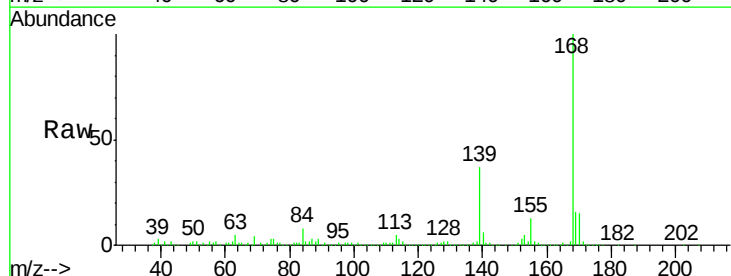
Instrument :
BNA_F
ClientSampleId :
RODNEY-AVE-PS(0-2)G

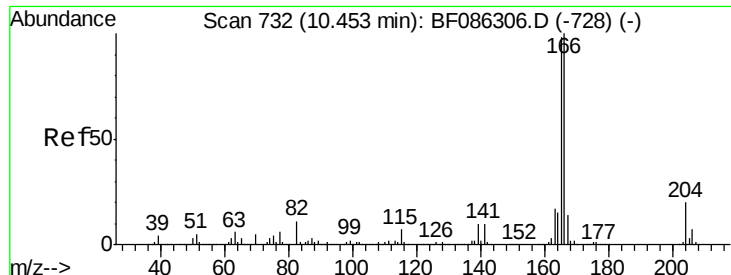
Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.0	29.5	44.3
169	15.6	10.6	16.0



#55
4-Nitrophenol
Concen: 28.67 ng
RT: 10.11 min Scan# 702
Delta R.T. 0.08 min
Lab File: BF086329.D
Acq: 21 Apr 2016 1:01

Tgt Ion	Ratio	Lower	Upper
139	100		
109	2.2	55.0	95.0#
65	2.1	87.3	127.3#

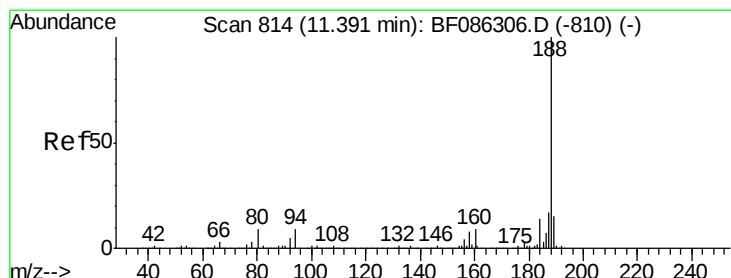
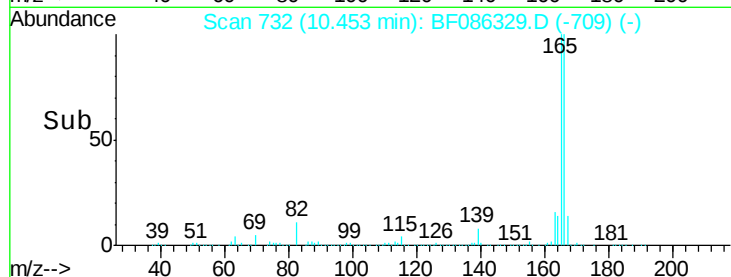
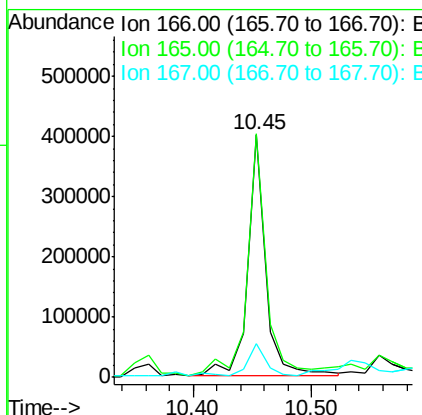
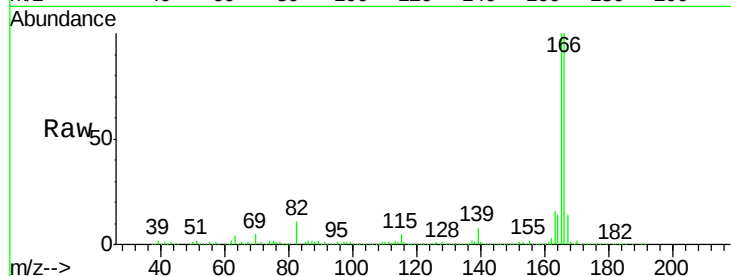




#57
Fluorene
 Concen: 27.07 ng
 RT: 10.45 min Scan# 732
 Delta R.T. -0.03 min
 Lab File: BF086329.D
 Acq: 21 Apr 2016 1:01

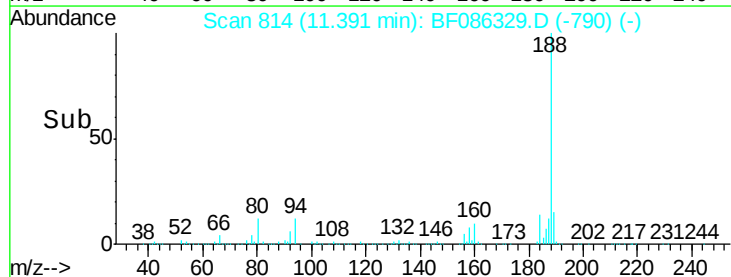
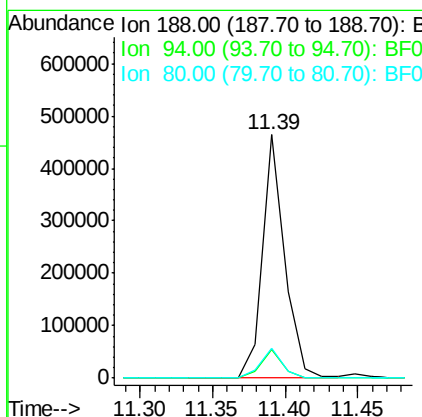
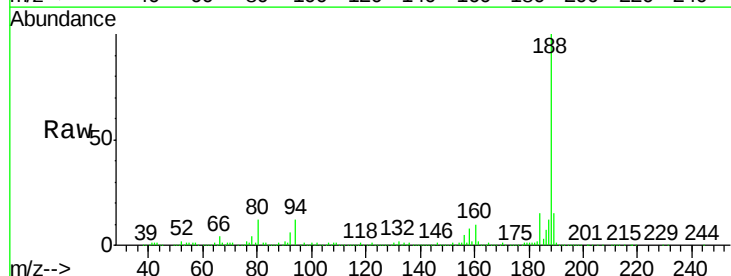
Instrument :
 BNA_F
 ClientSampleId :
 RODNEY-AVE-PS(0-2)G

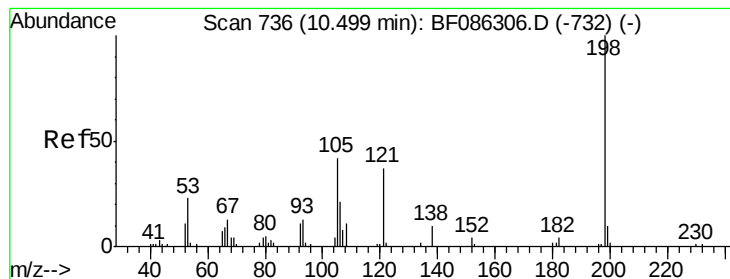
Tgt Ion:166 Resp: 430398
 Ion Ratio Lower Upper
 166 100
 165 100.3 78.6 117.8
 167 14.0 10.4 15.6



#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.02 min
 Lab File: BF086329.D
 Acq: 21 Apr 2016 1:01

Tgt Ion:188 Resp: 490979
 Ion Ratio Lower Upper
 188 100
 94 11.7 9.8 14.8
 80 12.3 10.5 15.7





#64

4,6-Dinitro-2-methylphenol

Concen: 6.18 ng

RT: 10.61 min Scan# 746

Delta R.T. 0.09 min

Lab File: BF086329.D

Acq: 21 Apr 2016 1:01

Instrument :

BNA_F

ClientSampleId :

RODNEY-AVE-PS(0-2)G

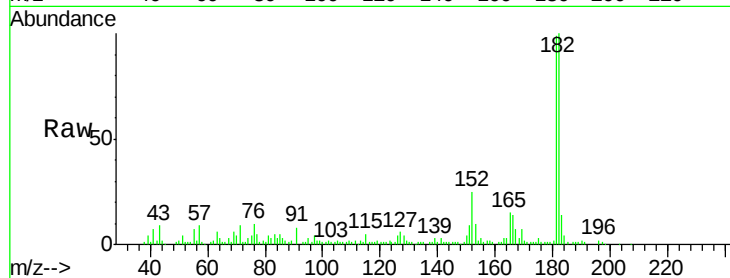
Tgt Ion:198 Resp: 207

Ion Ratio Lower Upper

198 100

51 1060.9 56.5 96.5#

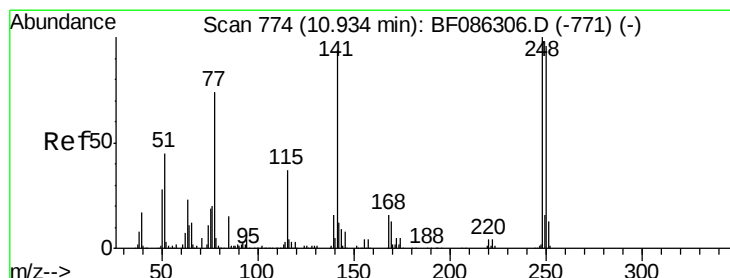
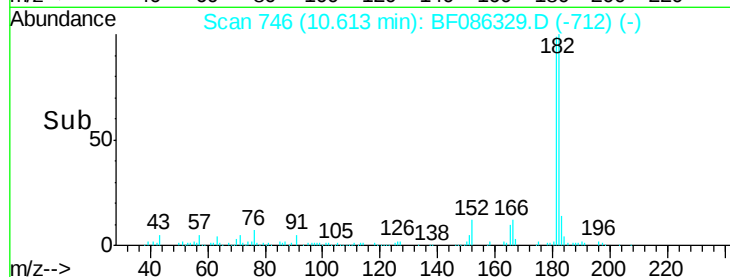
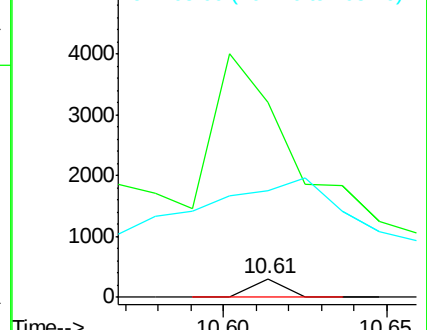
105 579.8 48.0 88.0#



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



#66

4-Bromophenyl-phenylether

Concen: 3.22 ng

RT: 10.69 min Scan# 753

Delta R.T. -0.27 min

Lab File: BF086329.D

Acq: 21 Apr 2016 1:01

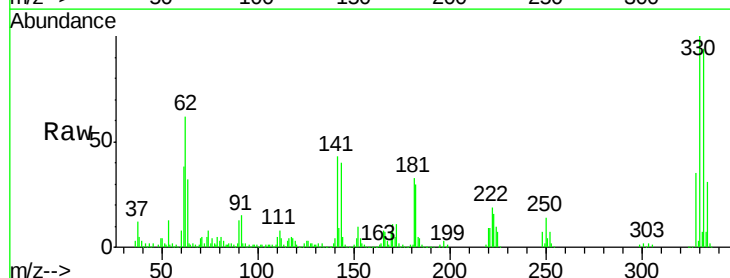
Tgt Ion:248 Resp: 16972

Ion Ratio Lower Upper

248 100

250 206.2 78.6 118.0#

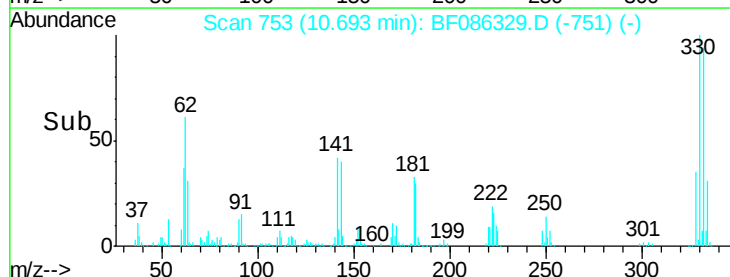
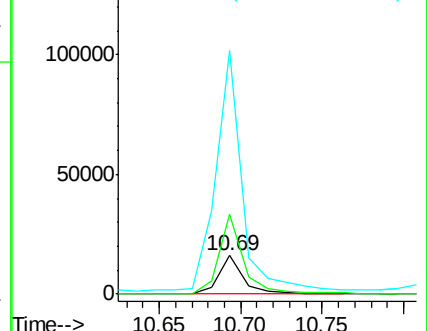
141 634.0 57.9 86.9#

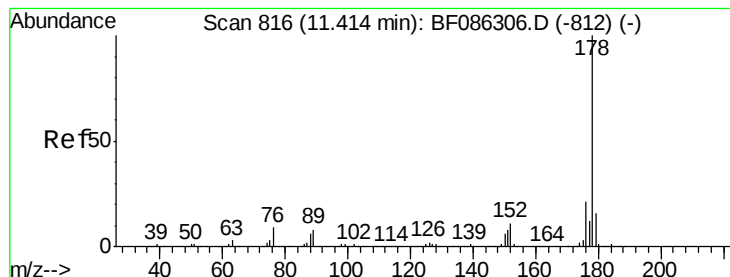


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#70

Phenanthrene

Concen: 132.48 ng

RT: 11.42 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF086329.D

Acq: 21 Apr 2016 1:01

Instrument :

BNA_F

ClientSampleId :

RODNEY-AVE-PS(0-2)G

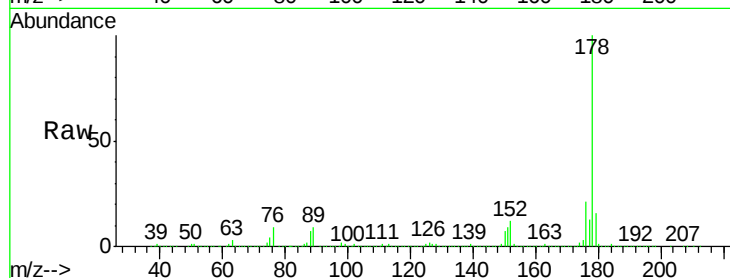
Tgt Ion:178 Resp: 3082271

Ion Ratio Lower Upper

178 100

176 20.7 16.3 24.5

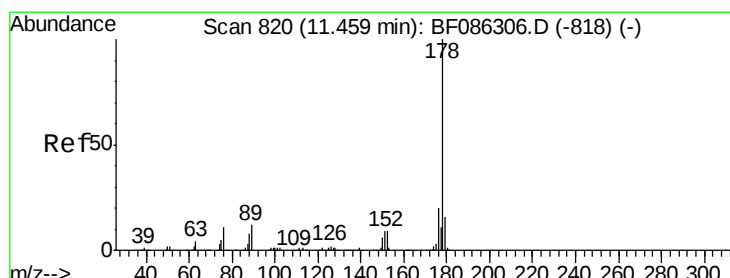
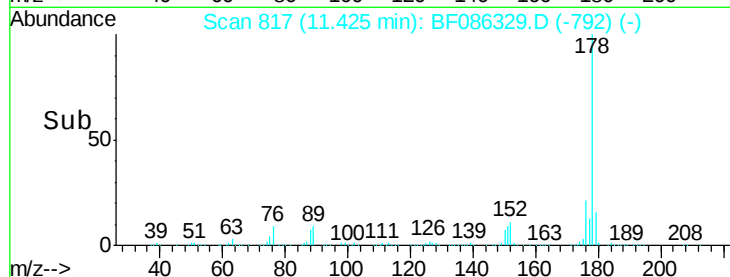
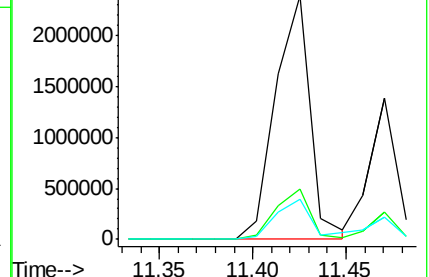
179 16.2 13.0 19.6



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: 61.29 ng

RT: 11.47 min Scan# 821

Delta R.T. -0.02 min

Lab File: BF086329.D

Acq: 21 Apr 2016 1:01

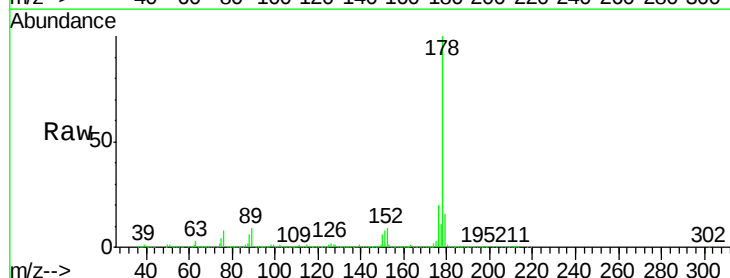
Tgt Ion:178 Resp: 1527178

Ion Ratio Lower Upper

178 100

176 19.5 16.2 24.4

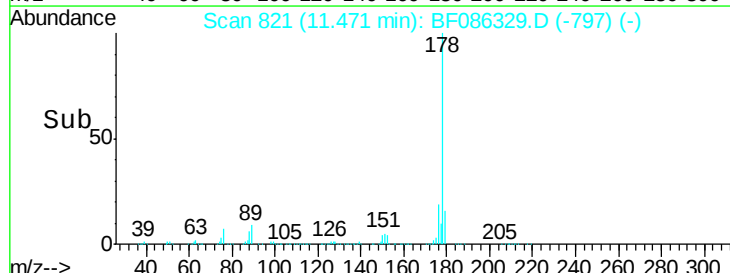
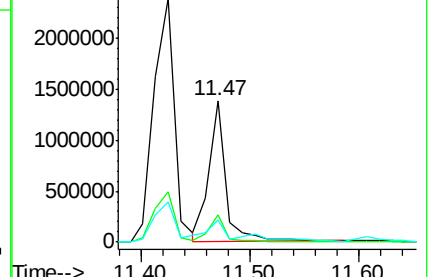
179 16.0 13.2 19.8

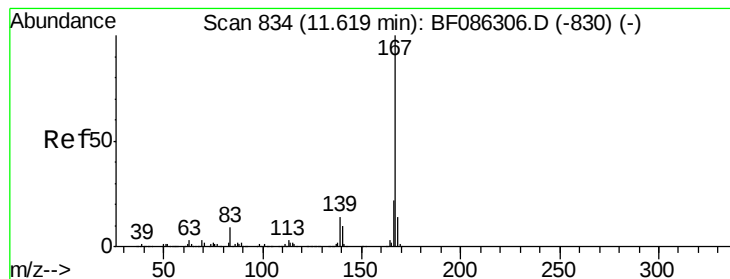


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 19.06 ng

RT: 11.62 min Scan# 834

Delta R.T. -0.02 min

Lab File: BF086329.D

Acq: 21 Apr 2016 1:01

Instrument :

BNA_F

ClientSampleId :

RODNEY-AVE-PS(0-2)G

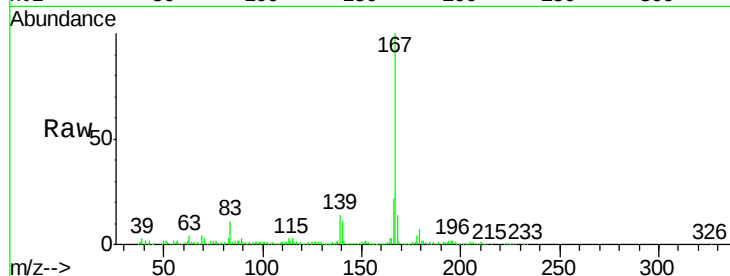
Tgt Ion:167 Resp: 449483

Ion Ratio Lower Upper

167 100

166 22.2 18.3 27.5

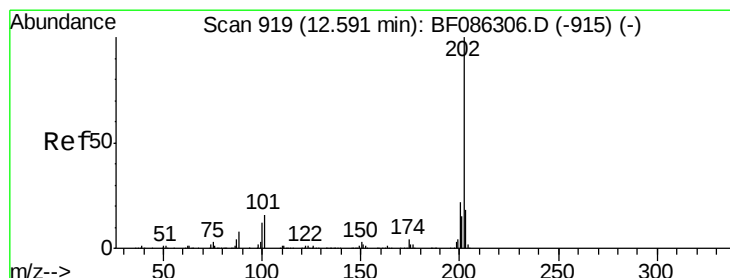
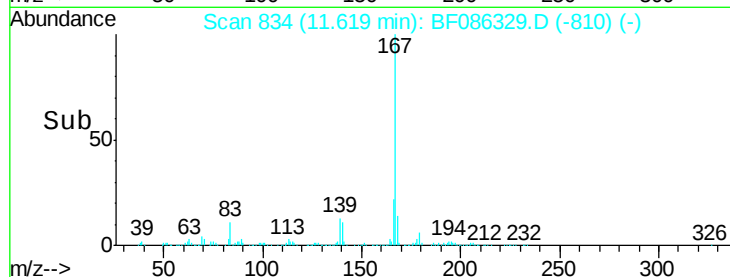
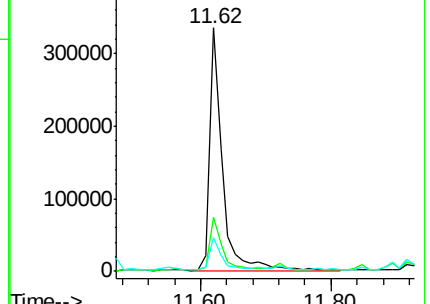
139 13.8 12.3 18.5



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: 218.66 ng

RT: 12.61 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF086329.D

Acq: 21 Apr 2016 1:01

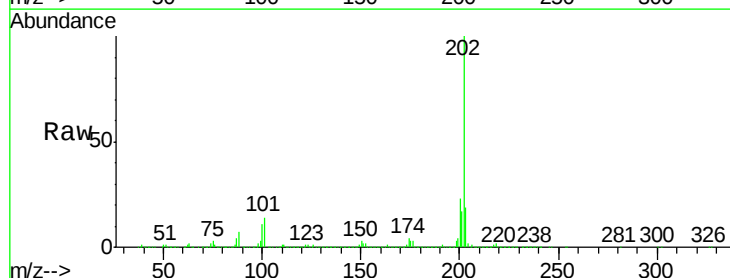
Tgt Ion:202 Resp: 4717025

Ion Ratio Lower Upper

202 100

101 13.8 0.0 35.2

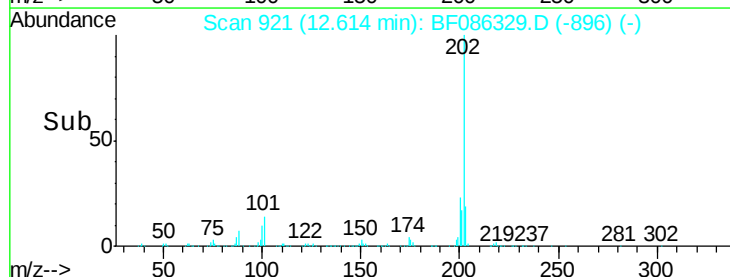
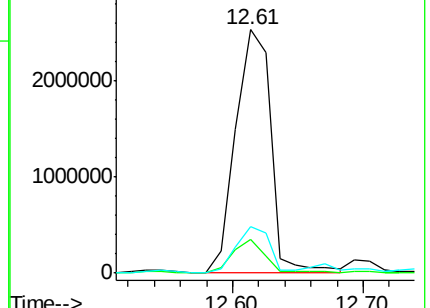
203 19.0 0.0 38.2

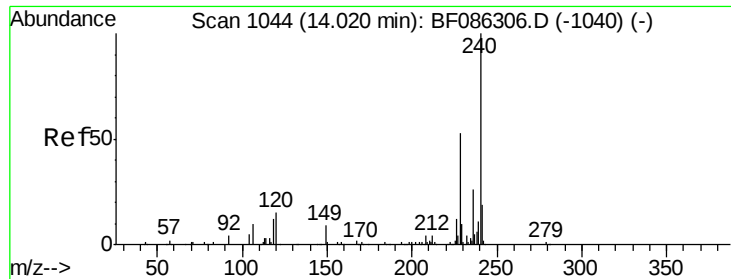


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

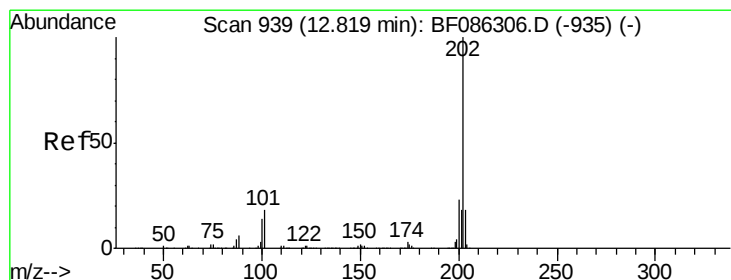
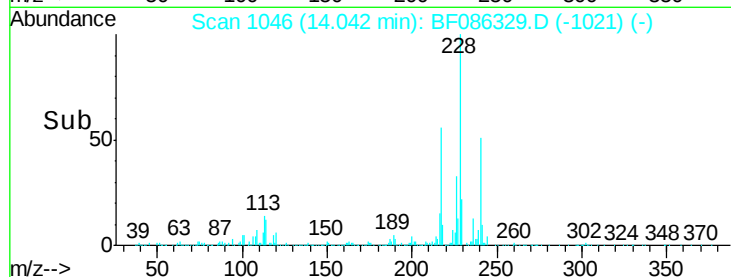
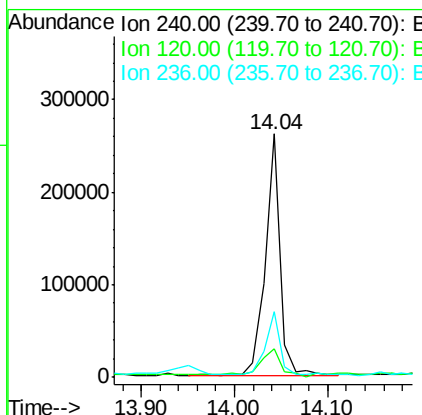
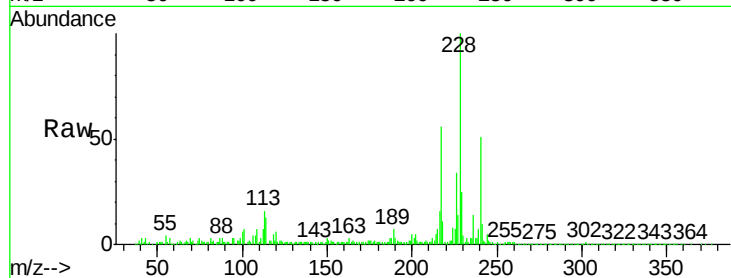




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF086329.D
Acq: 21 Apr 2016 1:01

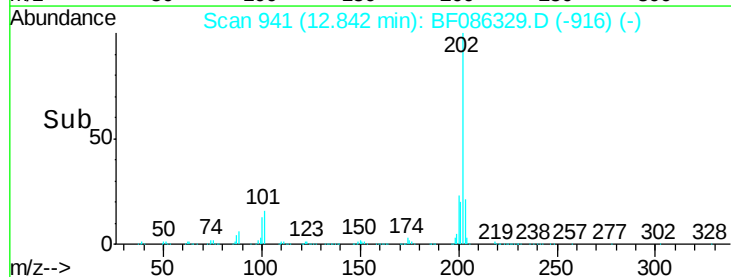
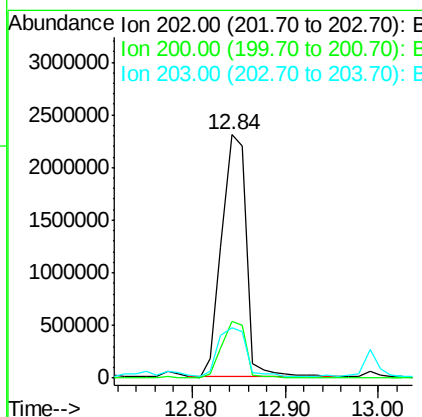
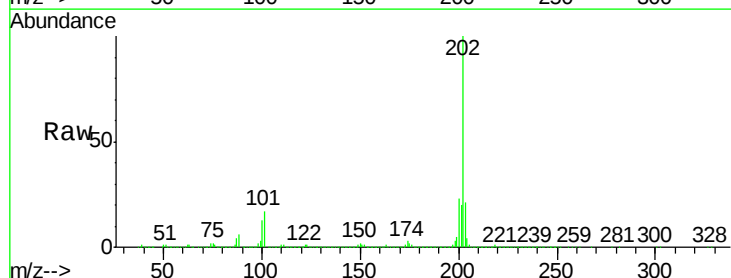
Instrument :
BNA_F
ClientSampleId :
RODNEY-AVE-PS(0-2)G

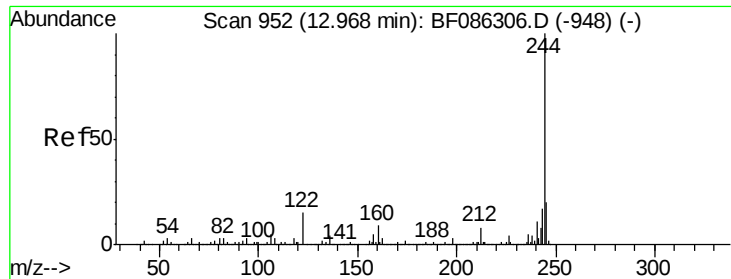
Tgt Ion:240 Resp: 292334
Ion Ratio Lower Upper
240 100
120 11.9 9.3 13.9
236 26.8 21.1 31.7



#77
Pyrene
Concen: 195.58 ng
RT: 12.84 min Scan# 941
Delta R.T. -0.01 min
Lab File: BF086329.D
Acq: 21 Apr 2016 1:01

Tgt Ion:202 Resp: 4241390
Ion Ratio Lower Upper
202 100
200 23.2 18.3 27.5
203 20.9 14.9 22.3

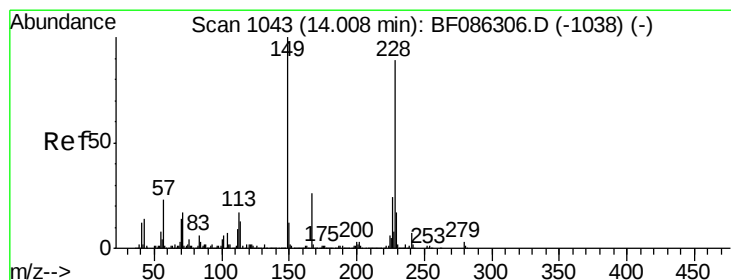
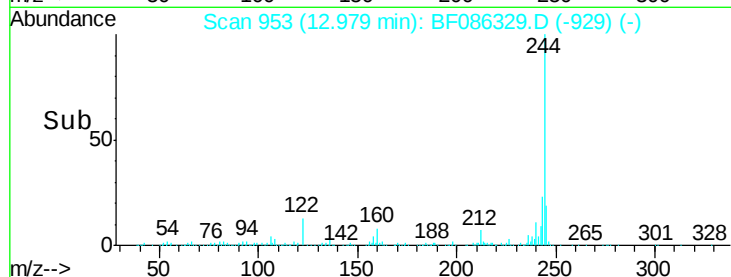
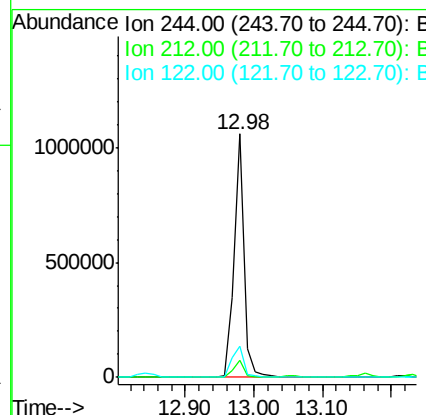
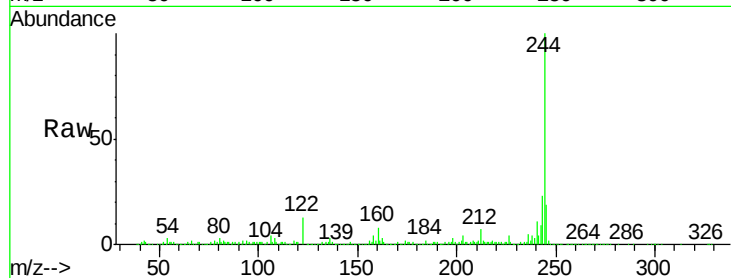




#78
 Terphenyl-d14
 Concen: 88.69 ng
 RT: 12.98 min Scan# 953
 Delta R.T. -0.02 min
 Lab File: BF086329.D
 Acq: 21 Apr 2016 1:01

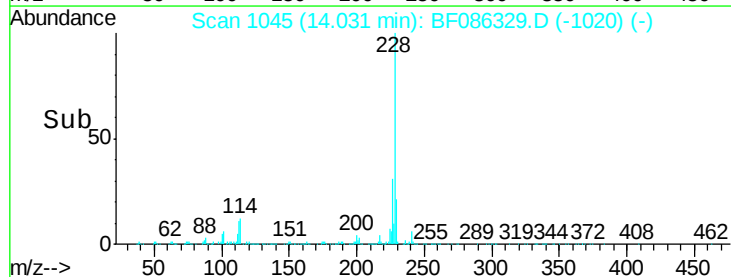
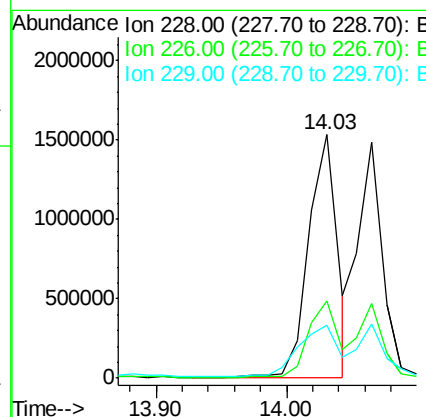
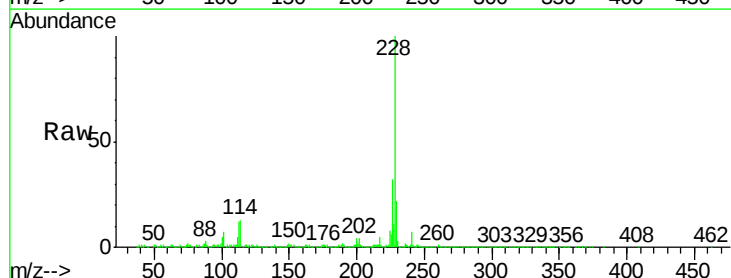
Instrument :
 BNA_F
 ClientSampleId :
 RODNEY-AVE-PS(0-2)G

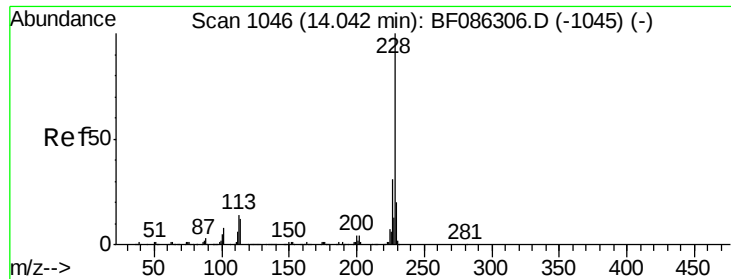
Tgt Ion:244 Resp: 1089275
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.4 9.6
 122 12.8 11.7 17.5



#80
 Benzo(a)anthracene
 Concen: 150.78 ng
 RT: 14.03 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: BF086329.D
 Acq: 21 Apr 2016 1:01

Tgt Ion:228 Resp: 2321906
 Ion Ratio Lower Upper
 228 100
 226 31.6 22.5 33.7
 229 21.9 16.2 24.2





#82

Chrysene

Concen: 139.49 ng

RT: 14.03 min Scan# 1045

Delta R.T. -0.05 min

Lab File: BF086329.D

Acq: 21 Apr 2016 1:01

Instrument :

BNA_F

ClientSampleId :

RODNEY-AVE-PS(0-2)G

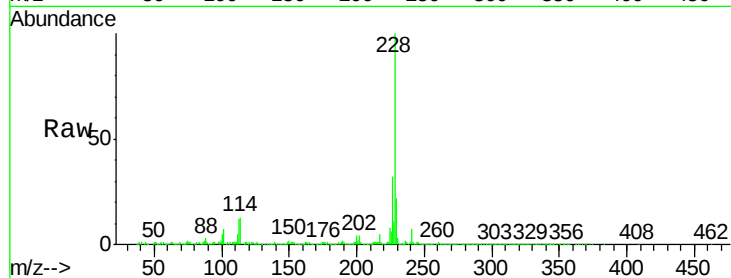
Tgt Ion:228 Resp: 2321906

Ion Ratio Lower Upper

228 100

226 31.6 25.4 38.2

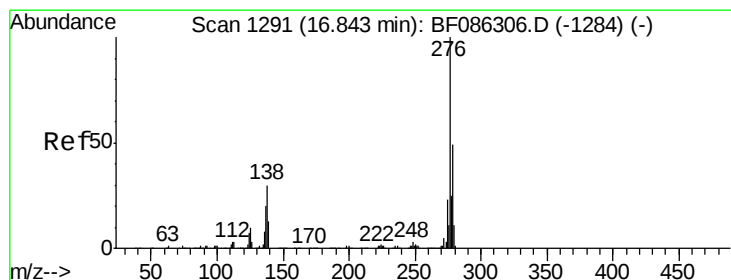
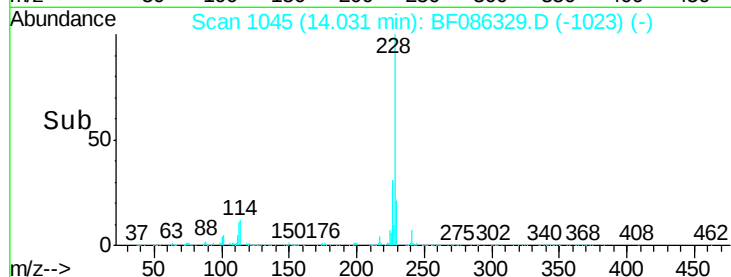
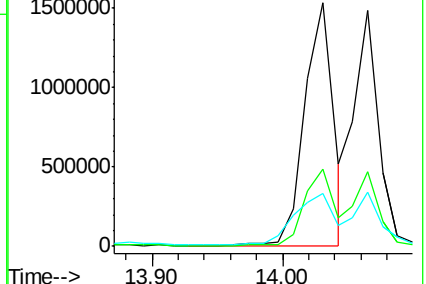
229 21.9 16.5 24.7



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: 74.85 ng

RT: 16.90 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BF086329.D

Acq: 21 Apr 2016 1:01

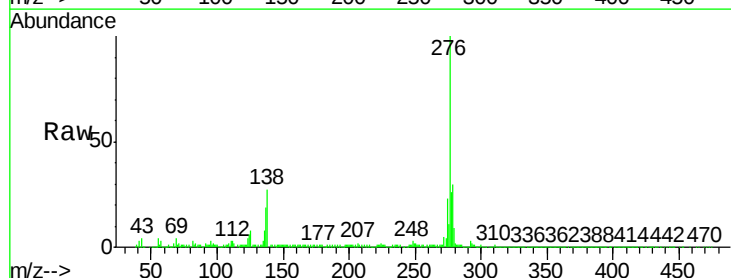
Tgt Ion:276 Resp: 1281157

Ion Ratio Lower Upper

276 100

138 25.2 23.8 35.6

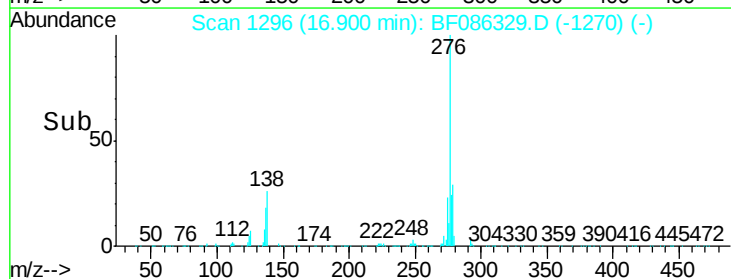
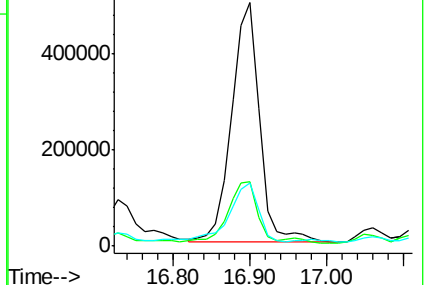
277 27.0 20.2 30.2

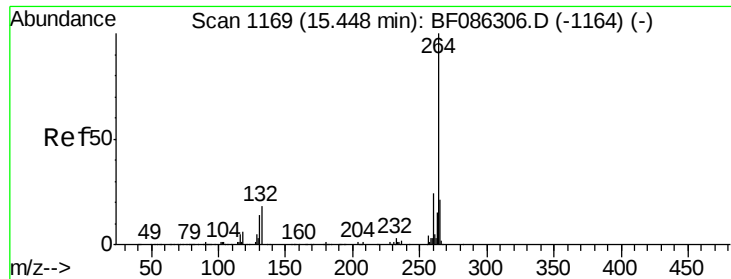


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

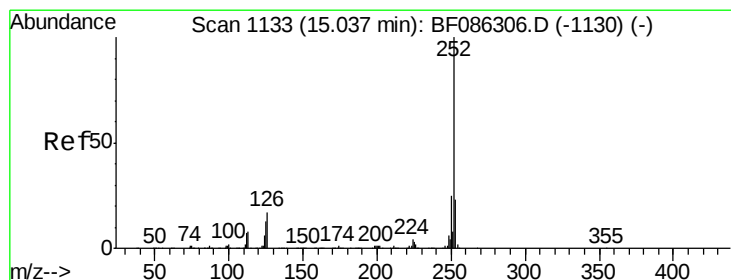
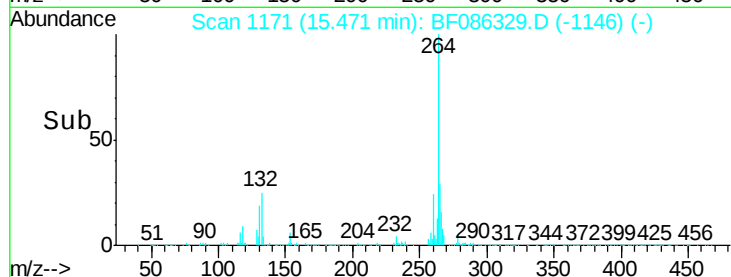
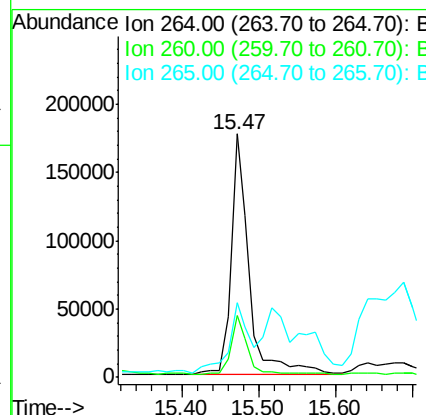
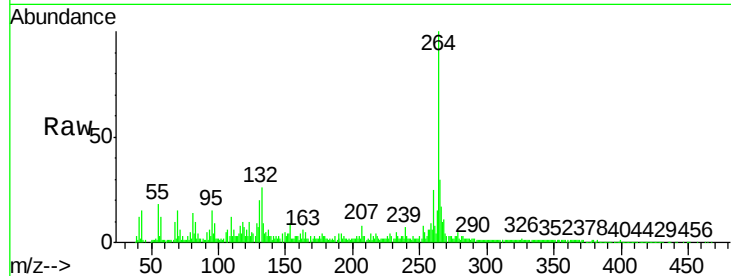




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.47 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF086329.D
Acq: 21 Apr 2016 1:01

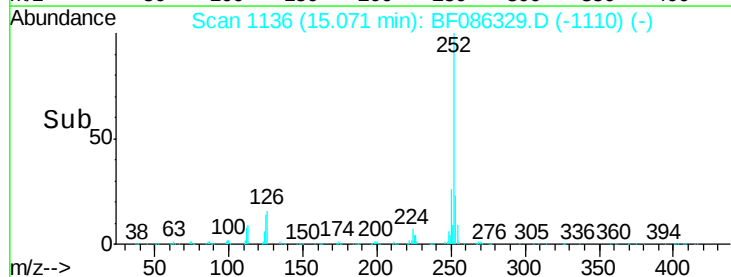
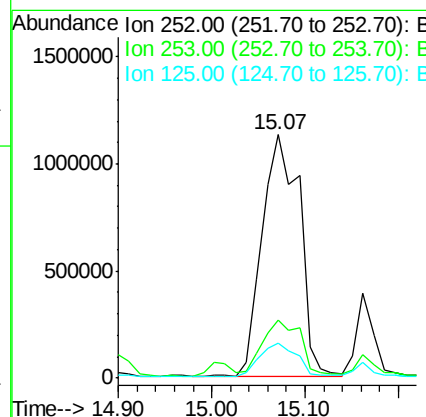
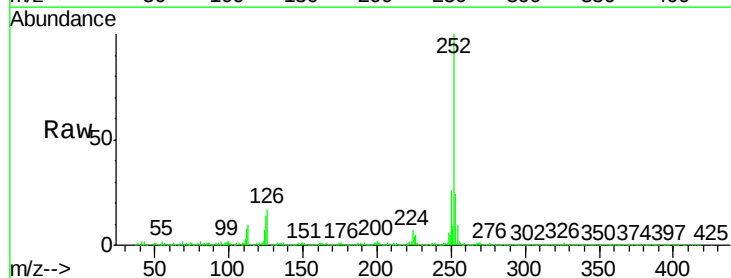
Instrument :
BNA_F
ClientSampleId :
RODNEY-AVE-PS(0-2)G

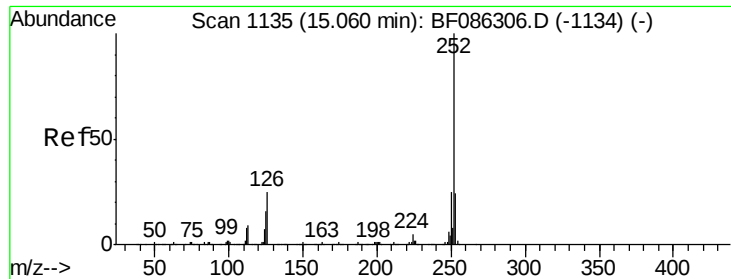
Tgt Ion: 264 Resp: 296548
Ion Ratio Lower Upper
264 100
260 25.2 20.0 30.0
265 30.4 17.4 26.0#



#87
Benzo(b)fluoranthene
Concen: 183.24 ng
RT: 15.07 min Scan# 1136
Delta R.T. -0.00 min
Lab File: BF086329.D
Acq: 21 Apr 2016 1:01

Tgt Ion: 252 Resp: 3142885
Ion Ratio Lower Upper
252 100
253 23.7 17.7 26.5
125 14.4 10.3 15.5

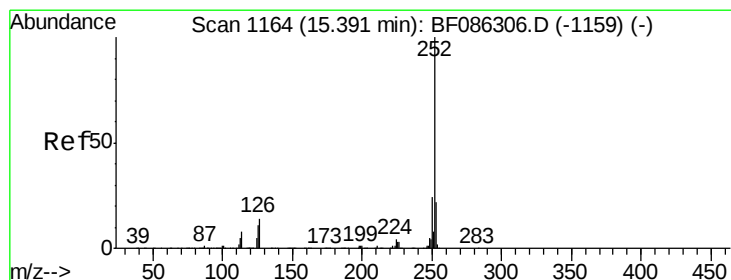
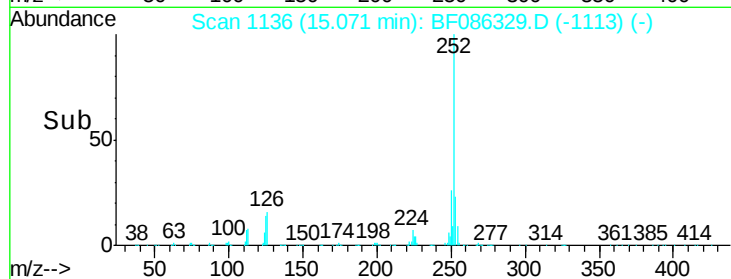
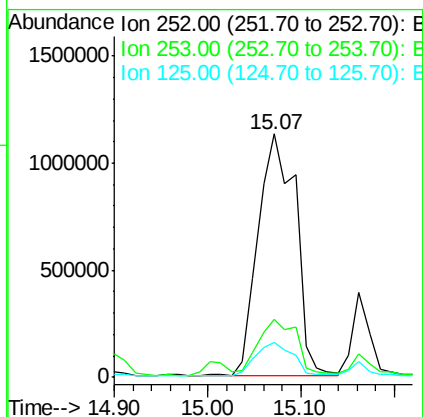
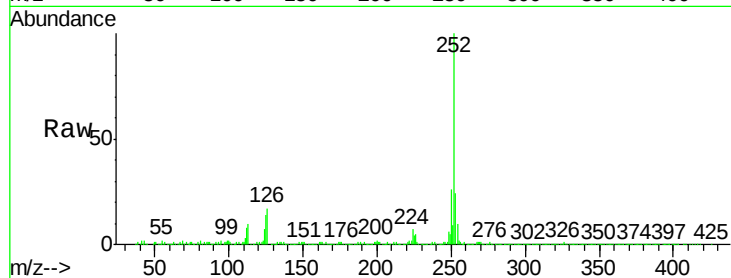




#88
Benzo(k)fluoranthene
Concen: 217.66 ng
RT: 15.07 min Scan# 1136
Delta R.T. -0.03 min
Lab File: BF086329.D
Acq: 21 Apr 2016 1:01

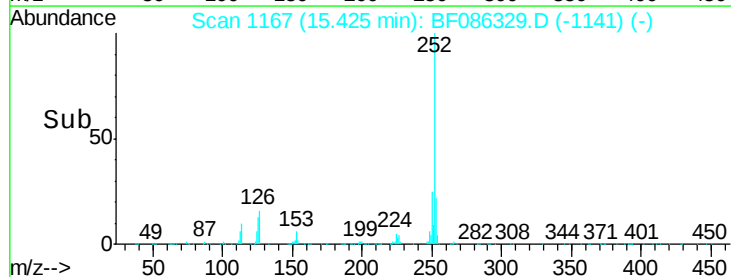
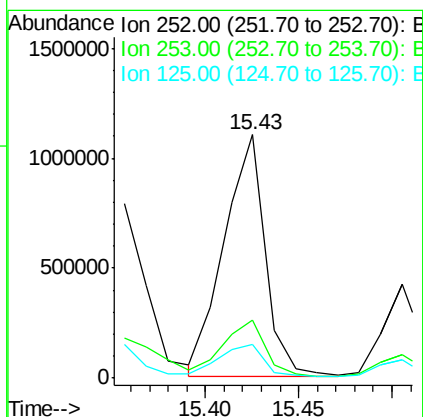
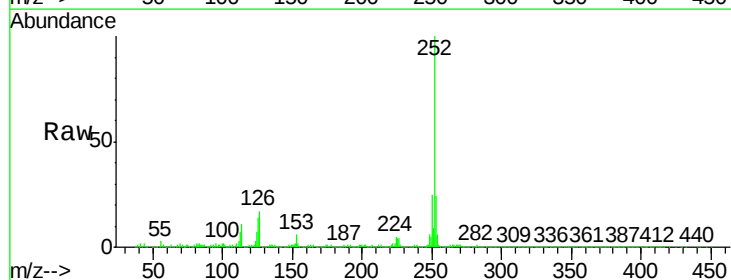
Instrument :
BNA_F
ClientSampleId :
RODNEY-AVE-PS(0-2)G

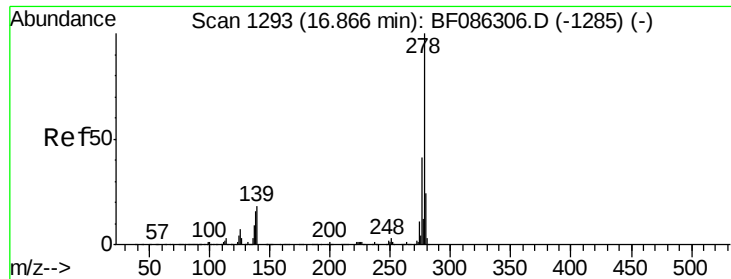
Tgt Ion:252 Resp: 3142885
Ion Ratio Lower Upper
252 100
253 23.7 17.5 26.3
125 14.4 7.8 11.6#



#89
Benzo(a)pyrene
Concen: 107.56 ng
RT: 15.43 min Scan# 1167
Delta R.T. -0.00 min
Lab File: BF086329.D
Acq: 21 Apr 2016 1:01

Tgt Ion:252 Resp: 1700429
Ion Ratio Lower Upper
252 100
253 23.8 17.8 26.8
125 13.6 11.2 16.8





#90

Dibenzo(a,h)anthracene

Concen: 19.74 ng

RT: 17.06 min Scan# 1310

Delta R.T. 0.15 min

Lab File: BF086329.D

Acq: 21 Apr 2016 1:01

Instrument :

BNA_F

ClientSampleId :

RODNEY-AVE-PS(0-2)G

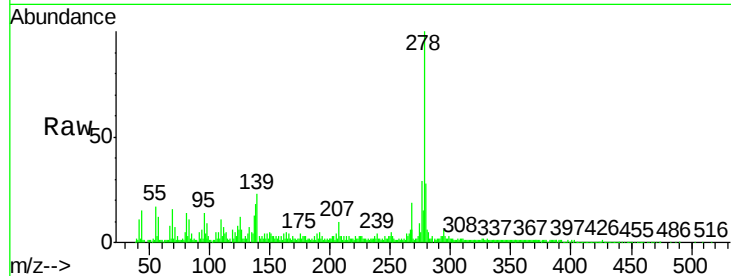
Tgt Ion:278 Resp: 272434

Ion Ratio Lower Upper

278 100

139 22.8 15.3 22.9

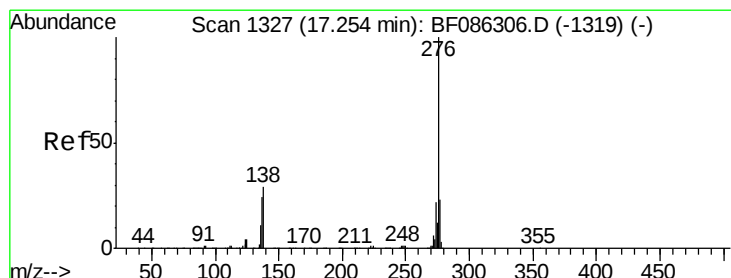
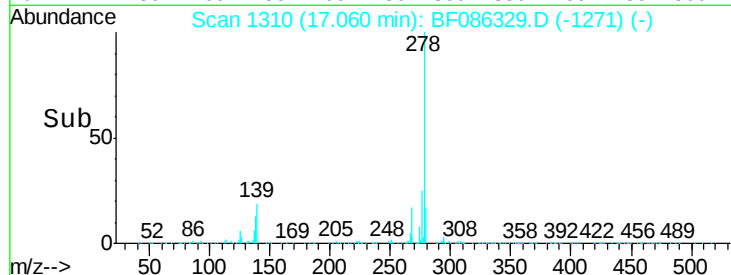
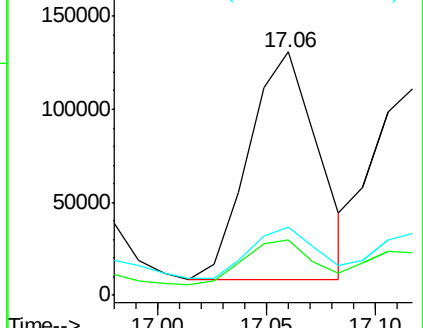
279 28.0 19.1 28.7



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: 92.51 ng

RT: 17.33 min Scan# 1334

Delta R.T. 0.01 min

Lab File: BF086329.D

Acq: 21 Apr 2016 1:01

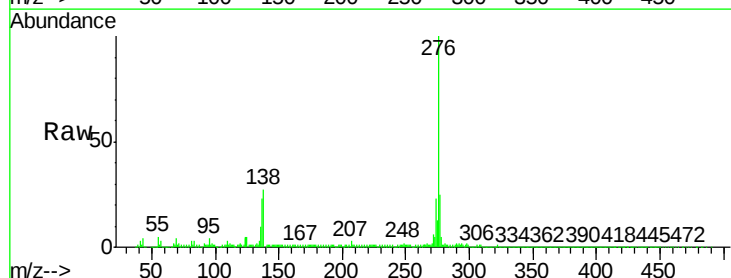
Tgt Ion:276 Resp: 1223997

Ion Ratio Lower Upper

276 100

277 25.1 19.0 28.6

138 27.0 19.6 29.4



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

