

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021715\
 Data File : BF077330.D
 Acq On : 17 Feb 2015 23:20
 Operator : TP/IZ
 Sample : G1299-02 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP2

Quant Time: Feb 18 03:37:19 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 18 02:50:27 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	53314	20.00	ng	0.00
21) Naphthalene-d8	8.96	136	216863	20.00	ng	0.00
38) Acenaphthene-d10	11.13	164	102230	20.00	ng	-0.01
63) Phenanthrene-d10	12.98	188	209618	20.00	ng	0.00
75) Chrysene-d12	16.29	240	201795	20.00	ng	0.02
86) Perylene-d12	18.05	264	236839	20.00	ng	0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	69715	22.35	ng	0.00
7) Phenol-d6	6.91	99	96853	23.77	ng	-0.01
23) Nitrobenzene-d5	8.06	82	43806	13.99	ng	0.00
41) 2,4,6-Tribromophenol	12.11	330	16743	18.68	ng	0.00
44) 2-Fluorobiphenyl	10.30	172	108177	15.95	ng	0.00
78) Terphenyl-d14	14.98	244	123698	13.94	ng	0.00

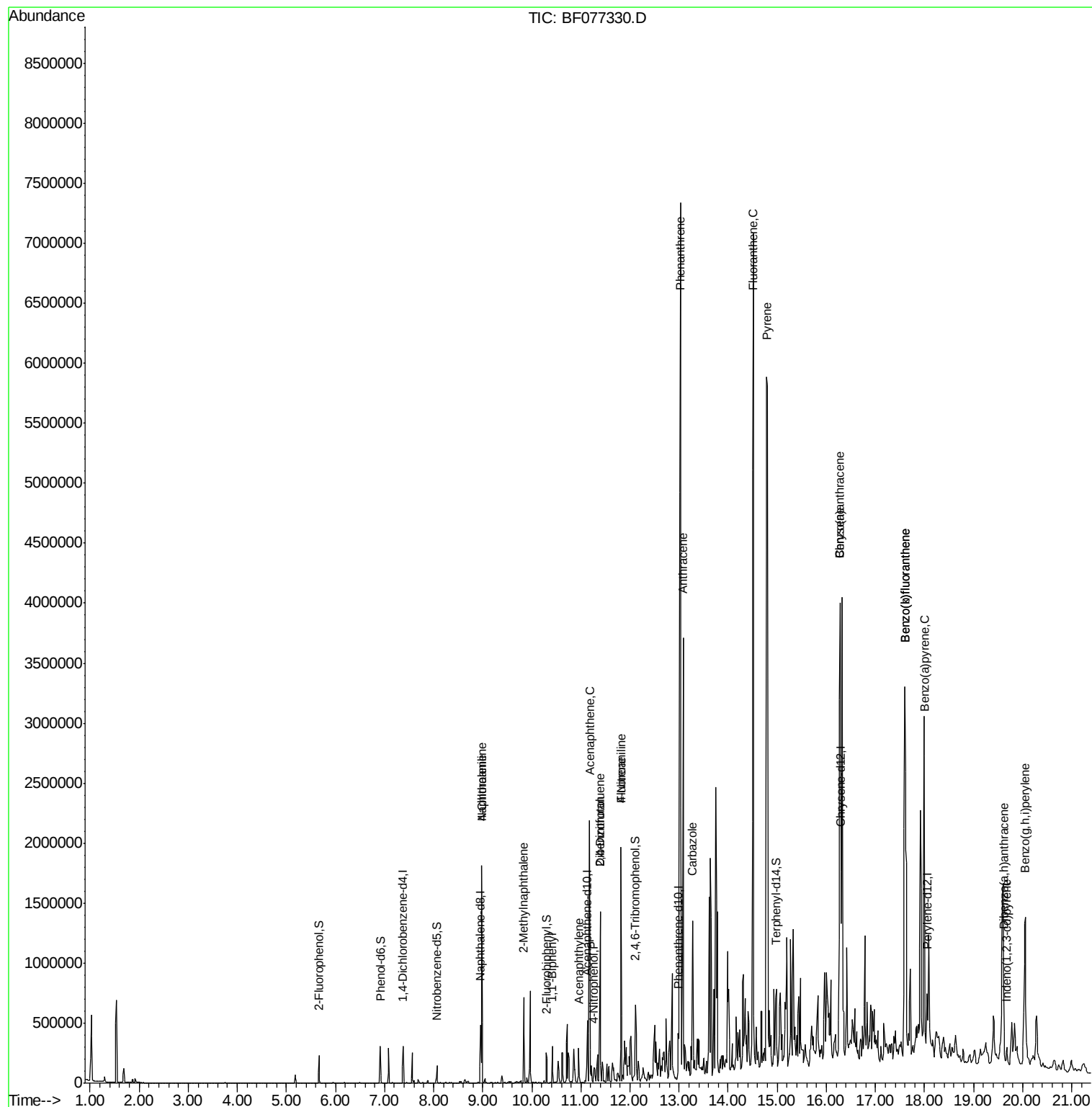
Target Compounds				Qvalue		
31) Naphthalene	8.98	128	827954	76.30	ng	99
33) 4-Chloroaniline	8.98	127	105951	22.85	ng	# 29
37) 2-Methylnaphthalene	9.84	142	242041	31.01	ng	97
45) 1,1'-Biphenyl	10.42	154	89649	11.00	ng	97
48) Acenaphthylene	10.96	152	48699	4.88	ng	# 91
51) Acenaphthene	11.17	154	472770	79.78	ng	99
54) Dibenzofuran	11.39	168	529186	58.87	ng	98
55) 4-Nitrophenol	11.26	139	4670	5.01	ng	# 28
56) 2,4-Dinitrotoluene	11.39	165	4111	5.35	ng	# 1
57) Fluorene	11.81	166	558900	79.25	ng	99
61) 4-Nitroaniline	11.81	138	6080	5.57	ng	# 18
70) Phenanthrene	13.03	178	4362685	358.16	ng	# 92
71) Anthracene	13.08	178	1433549	118.36	ng	98
72) Carbazole	13.28	167	490584	46.07	ng	99
74) Fluoranthene	14.51	202	3919322	318.67	ng	95
77) Pyrene	14.80	202	4084418	327.42	ng	93
80) Benzo(a)anthracene	16.28	228	2098640	178.58	ng	96
82) Chrysene	16.28	228	2006705	180.59	ng	98
85) Indeno(1,2,3-cd)pyrene	19.68	276	29091	2.29	ng	# 39
87) Benzo(b)fluoranthene	17.60	252	2967448	194.91	ng	# 92
88) Benzo(k)fluoranthene	17.60	252	2974022	236.49	ng	98
89) Benzo(a)pyrene	18.00	252	1784535	134.66	ng	97
90) Dibenzo(a,h)anthracene	19.61	278	276156	20.48	ng	95
91) Benzo(g,h,i)perylene	20.05	276	1206679	89.99	ng	97

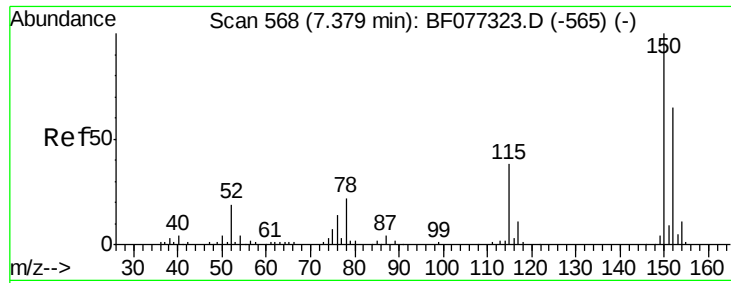
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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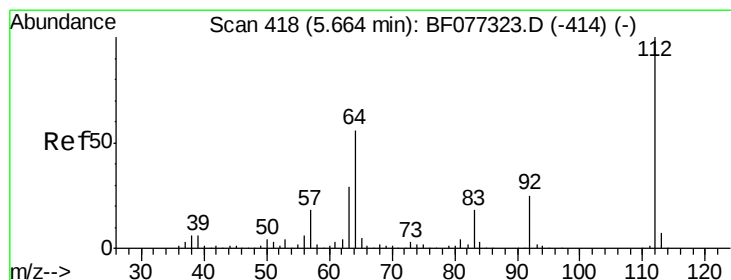
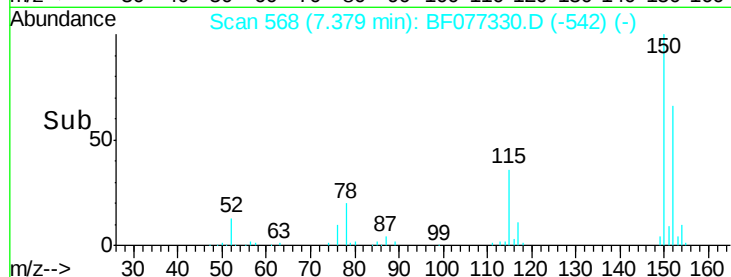
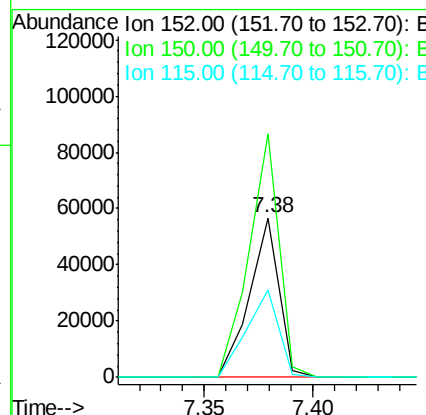
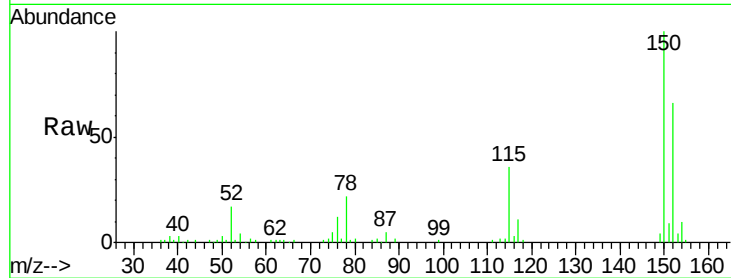




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.38 min Scan# 568
 Delta R.T. 0.00 min
 Lab File: BF077330.D
 Acq: 17 Feb 2015 23:20

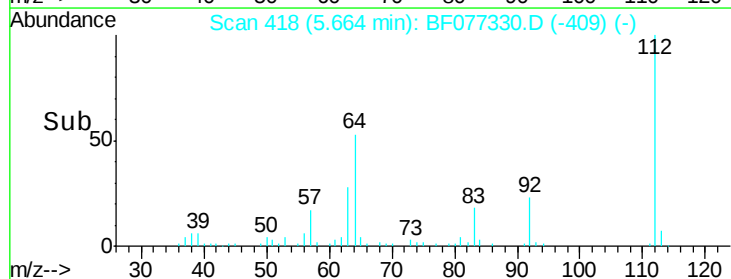
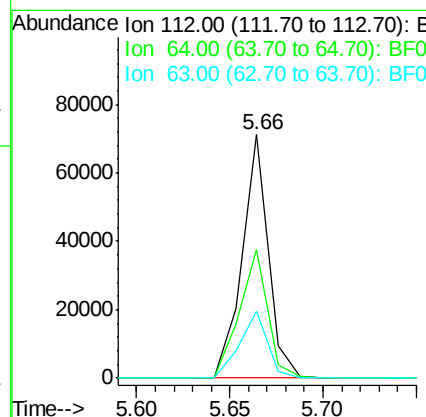
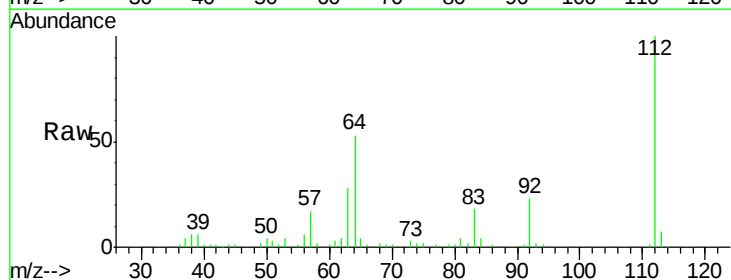
Instrument :
 BNA_F
 ClientSampleId :
 COMP2

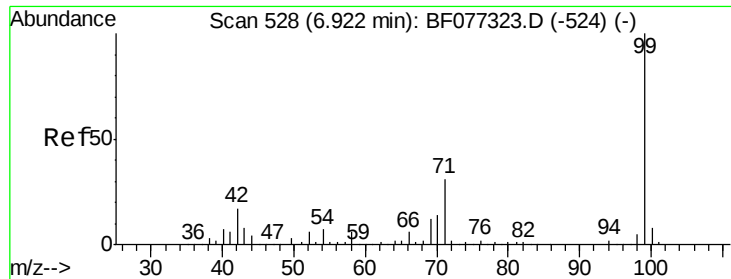
Tgt Ion:152 Resp: 53314
 Ion Ratio Lower Upper
 152 100
 150 152.6 123.1 184.7
 115 55.0 46.2 69.4



#5
 2-Fluorophenol
 Concen: 22.35 ng
 RT: 5.66 min Scan# 418
 Delta R.T. 0.00 min
 Lab File: BF077330.D
 Acq: 17 Feb 2015 23:20

Tgt Ion:112 Resp: 69715
 Ion Ratio Lower Upper
 112 100
 64 52.7 44.7 67.1
 63 27.7 23.3 34.9





#7

Phenol-d6

Concen: 23.77 ng

RT: 6.91 min Scan# 527

Delta R.T. -0.01 min

Lab File: BF077330.D

Acq: 17 Feb 2015 23:20

Instrument :

BNA_F

ClientSampleId :

COMP2

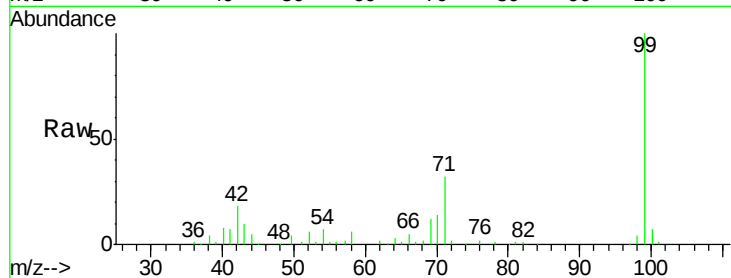
Tgt Ion: 99 Resp: 96853

Ion Ratio Lower Upper

99 100

42 18.2 13.8 20.6

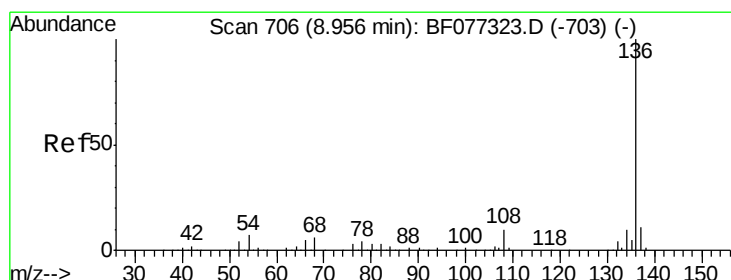
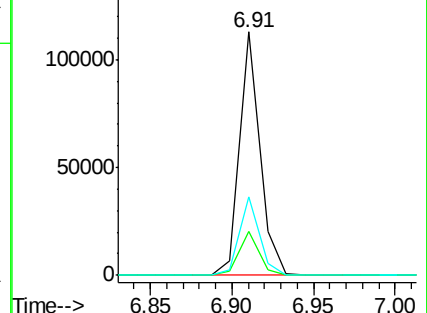
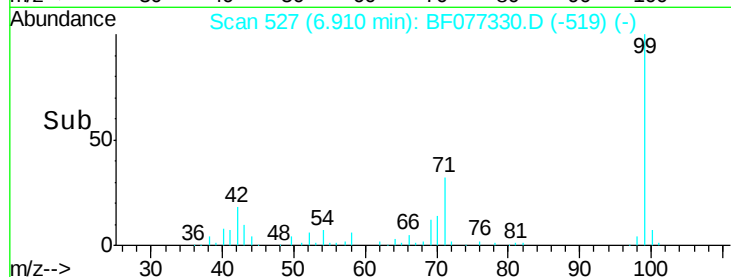
71 32.2 24.6 37.0



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.96 min Scan# 706

Delta R.T. 0.00 min

Lab File: BF077330.D

Acq: 17 Feb 2015 23:20

Tgt Ion: 136 Resp: 216863

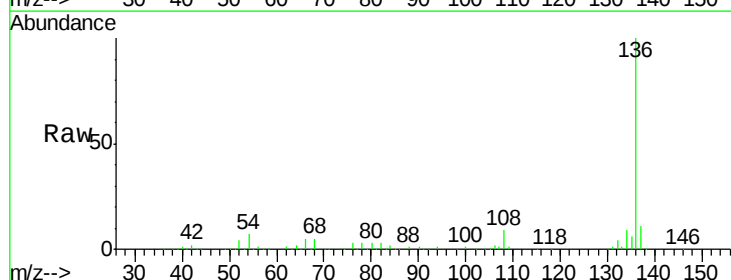
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 6.6 5.8 8.6

68 5.4 4.6 6.8

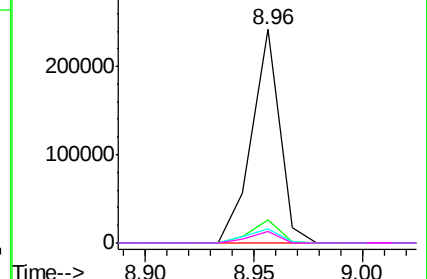
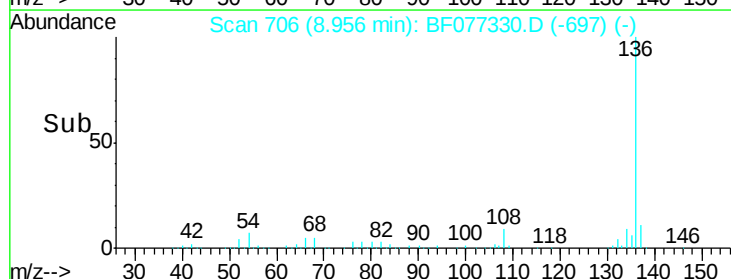


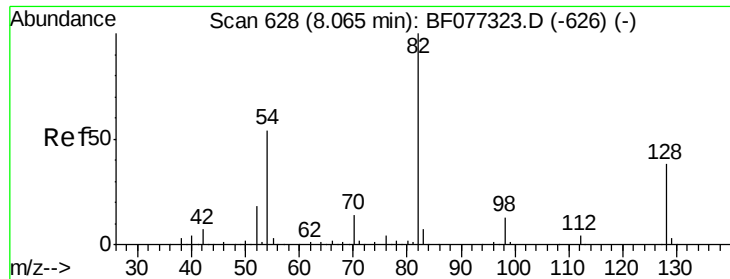
Abundance Ion 136.00 (135.70 to 136.70): E

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

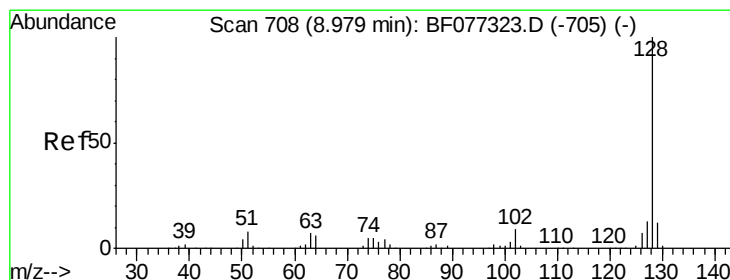
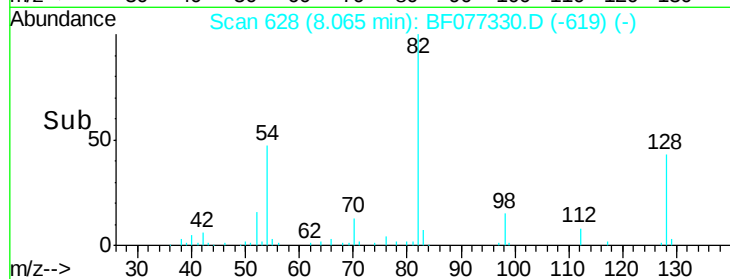
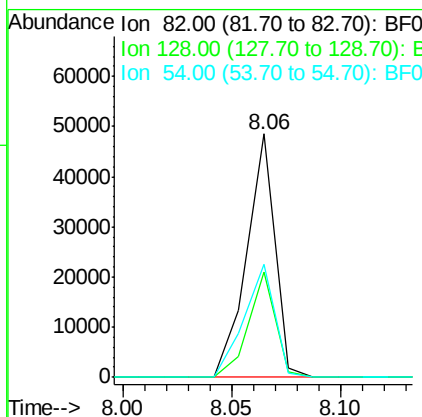
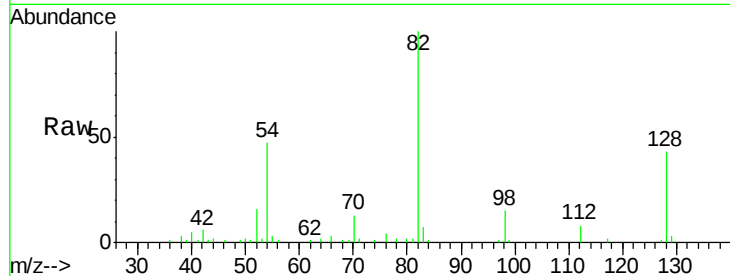




#23
 Nitrobenzene-d5
 Concen: 13.99 ng
 RT: 8.06 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF077330.D
 Acq: 17 Feb 2015 23:20

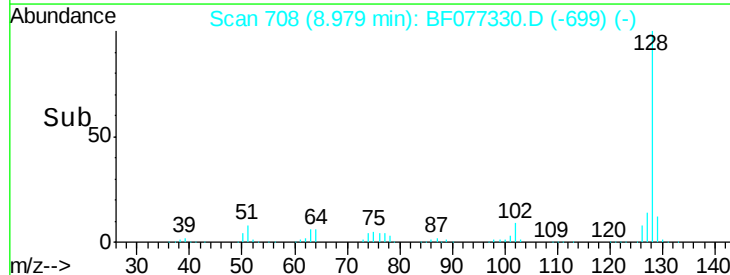
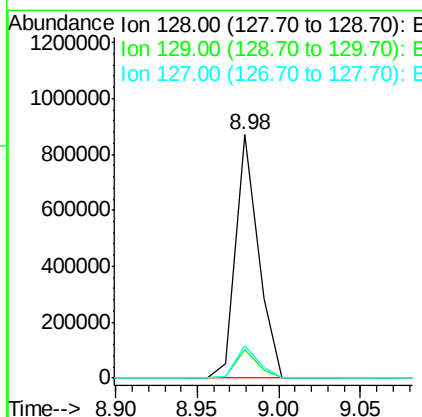
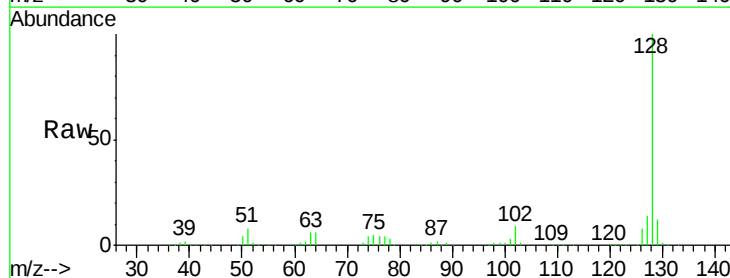
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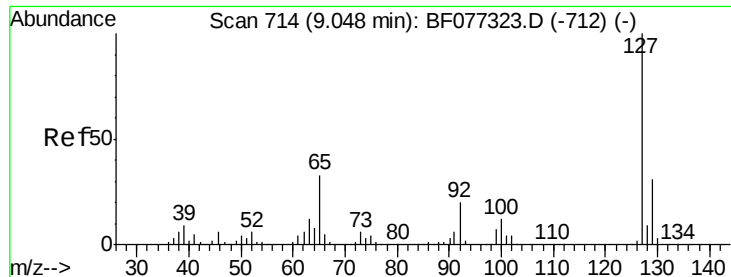
Tgt Ion: 82 Resp: 43806
 Ion Ratio Lower Upper
 82 100
 128 43.4 30.7 46.1
 54 46.7 43.1 64.7



#31
 Naphthalene
 Concen: 76.30 ng
 RT: 8.98 min Scan# 708
 Delta R.T. 0.00 min
 Lab File: BF077330.D
 Acq: 17 Feb 2015 23:20

Tgt Ion: 128 Resp: 827954
 Ion Ratio Lower Upper
 128 100
 129 11.8 9.5 14.3
 127 13.5 10.5 15.7

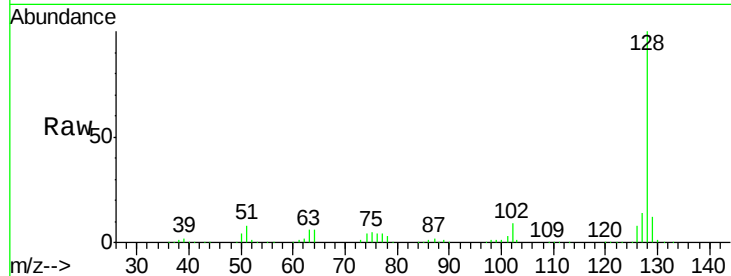




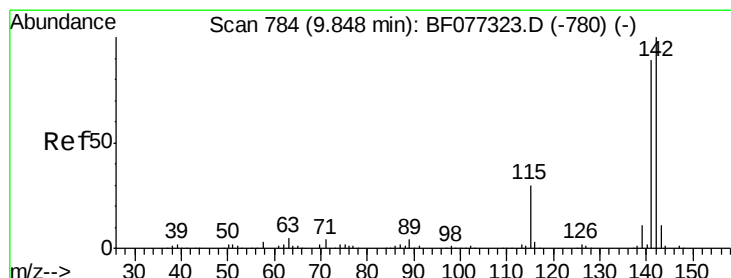
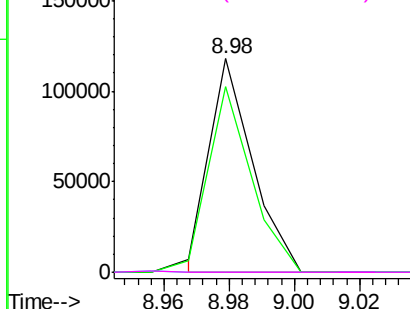
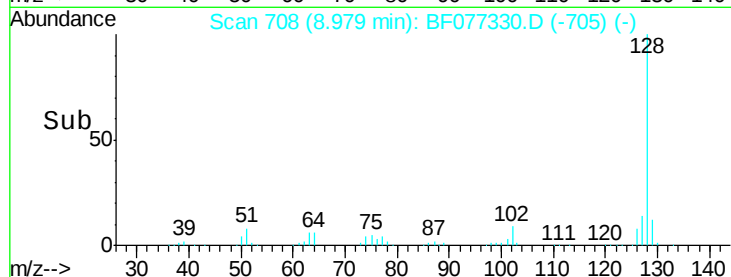
#33
4-Chloroaniline
Concen: 22.85 ng
RT: 8.98 min Scan# 708
Delta R.T. -0.07 min
Lab File: BF077330.D
Acq: 17 Feb 2015 23:20

Instrument :
BNA_F
ClientSampleId :
COMP2

Tgt Ion:127 Resp: 105951
Ion Ratio Lower Upper
127 100
129 86.9 24.9 37.3#
65 0.0 26.4 39.6#
92 0.0 15.9 23.9#

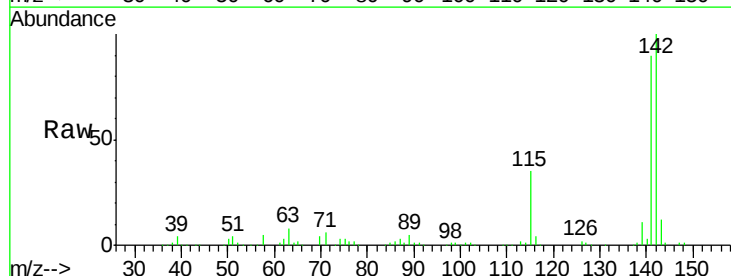


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

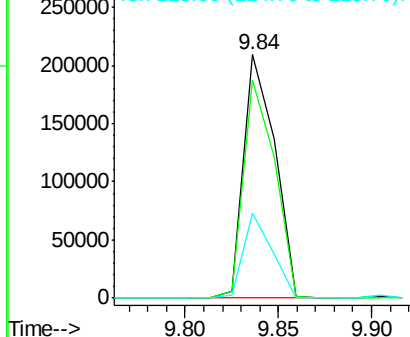
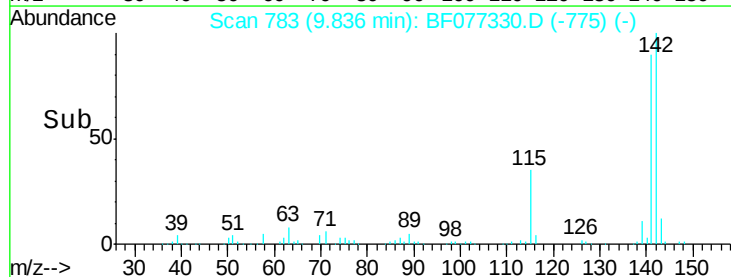


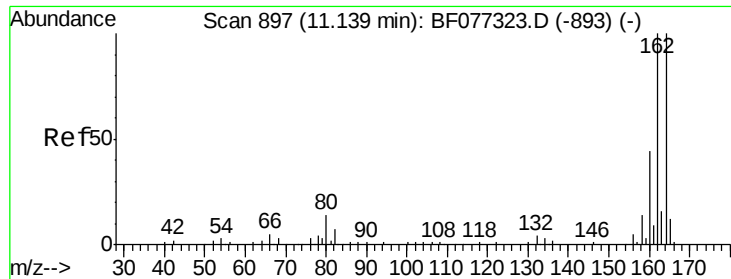
#37
2-Methylnaphthalene
Concen: 31.01 ng
RT: 9.84 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF077330.D
Acq: 17 Feb 2015 23:20

Tgt Ion:142 Resp: 242041
Ion Ratio Lower Upper
142 100
141 89.7 71.2 106.8
115 35.0 23.8 35.8



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

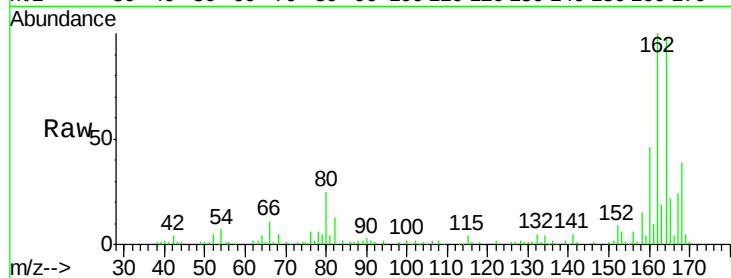




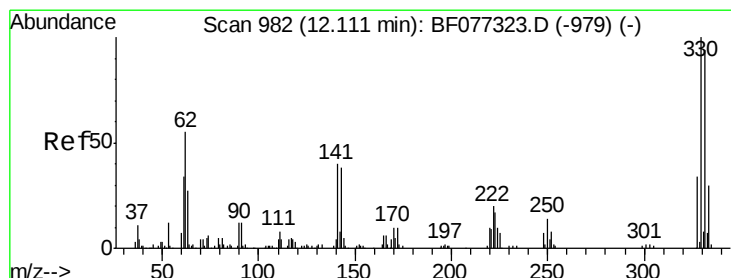
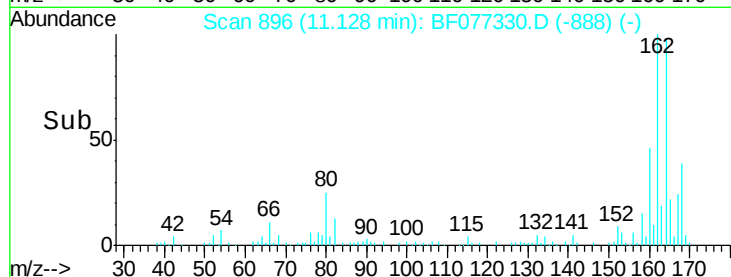
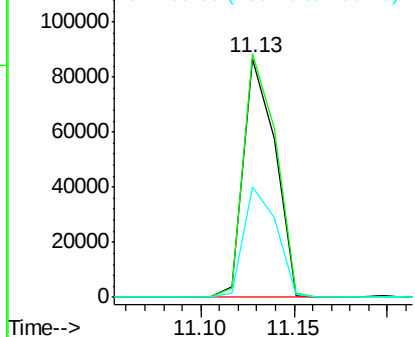
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF077330.D
Acq: 17 Feb 2015 23:20

Instrument :
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ClientSampleId :
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Tgt Ion:164 Resp: 102230
Ion Ratio Lower Upper
164 100
162 102.0 80.4 120.6
160 46.5 35.3 52.9

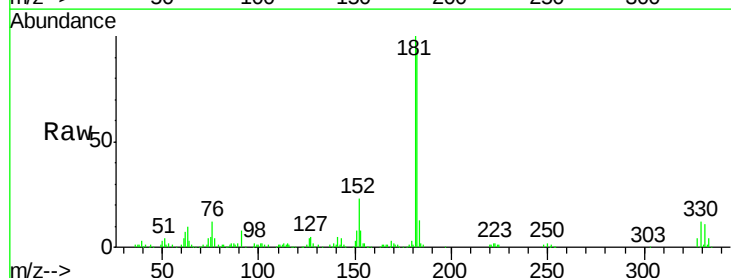


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

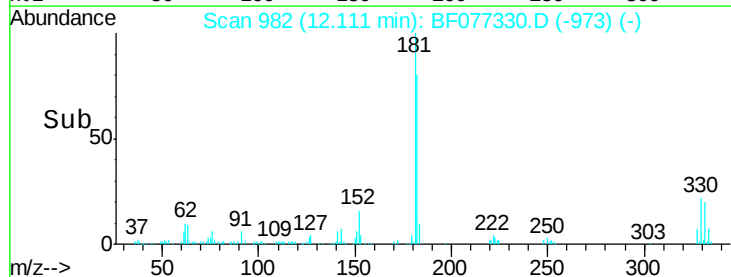
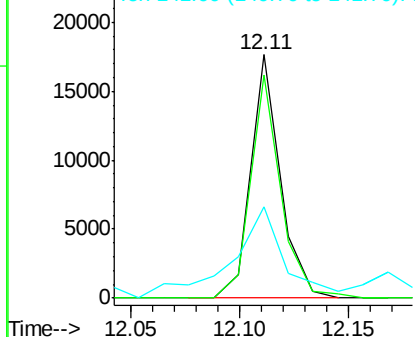


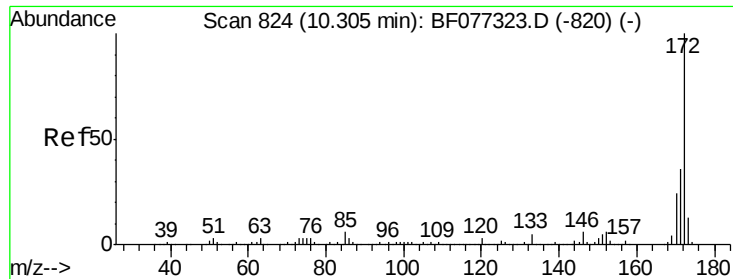
#41
2,4,6-Tribromophenol
Concen: 18.68 ng
RT: 12.11 min Scan# 982
Delta R.T. 0.00 min
Lab File: BF077330.D
Acq: 17 Feb 2015 23:20

Tgt Ion:330 Resp: 16743
Ion Ratio Lower Upper
330 100
332 93.5 76.1 114.1
141 68.2 28.5 42.7#



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

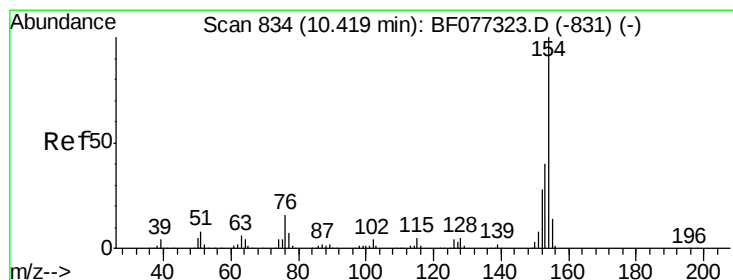
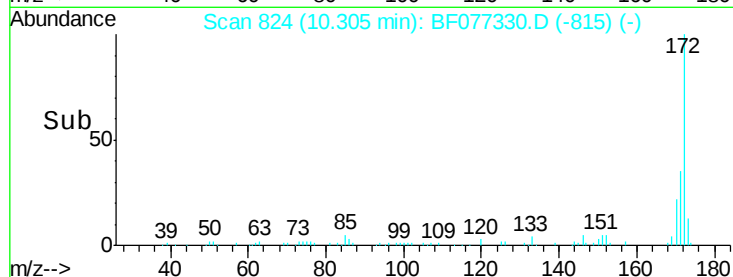
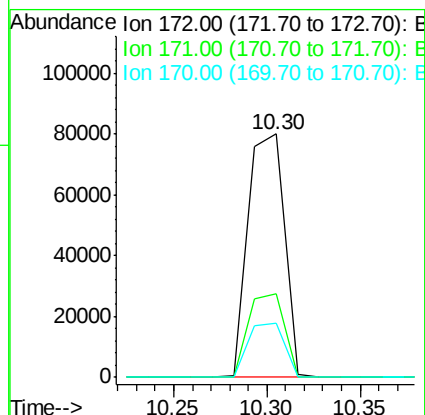
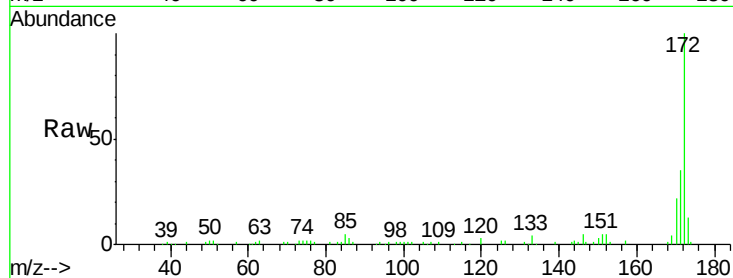




#44
 2-Fluorobiphenyl
 Concen: 15.95 ng
 RT: 10.30 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: BF077330.D
 Acq: 17 Feb 2015 23:20

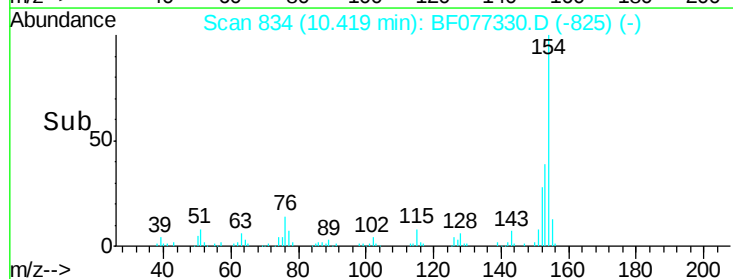
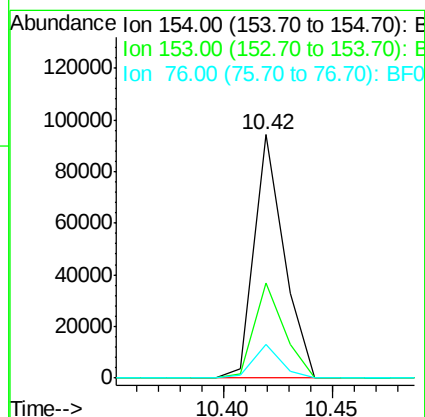
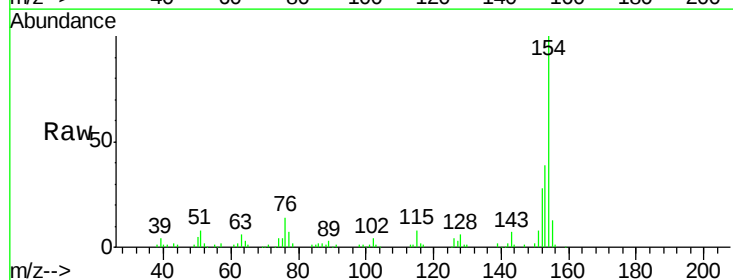
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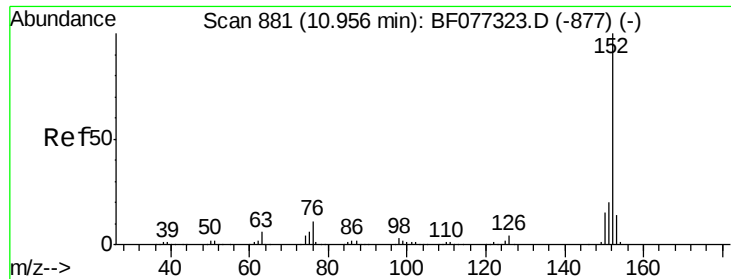
Tgt Ion:172 Resp: 108177
 Ion Ratio Lower Upper
 172 100
 171 34.6 28.9 43.3
 170 22.3 19.4 29.2



#45
 1,1'-Biphenyl
 Concen: 11.00 ng
 RT: 10.42 min Scan# 834
 Delta R.T. 0.00 min
 Lab File: BF077330.D
 Acq: 17 Feb 2015 23:20

Tgt Ion:154 Resp: 89649
 Ion Ratio Lower Upper
 154 100
 153 39.1 20.5 60.5
 76 14.0 0.0 35.9

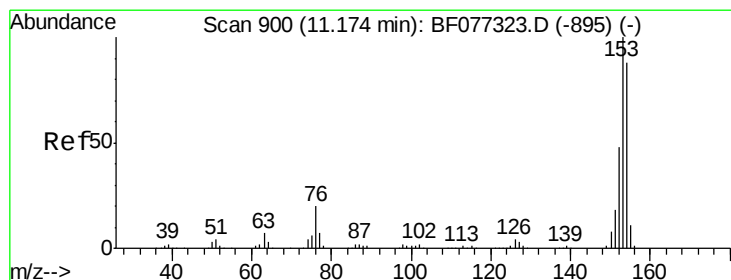
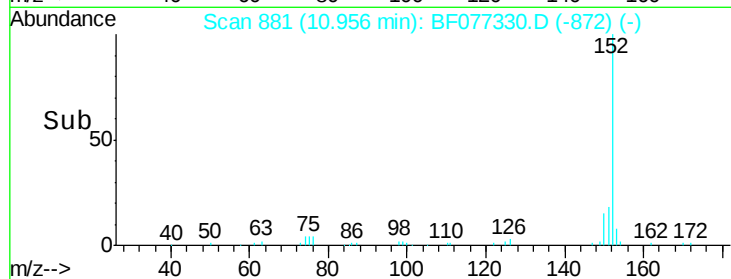
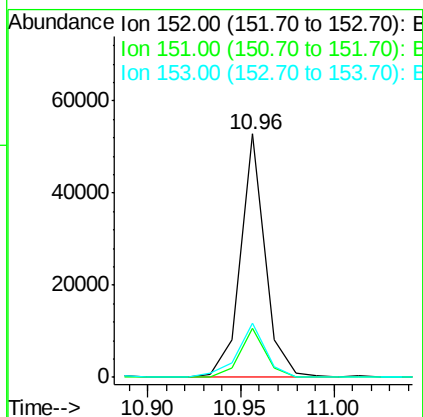
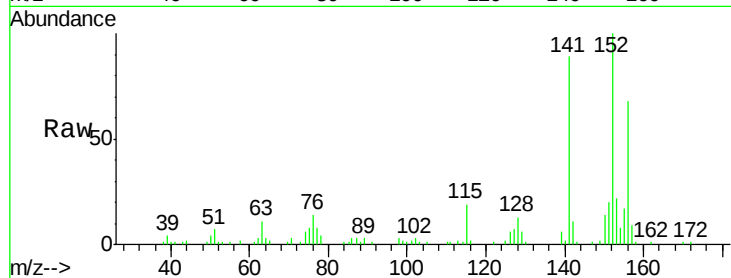




#48
Acenaphthylene
Concen: 4.88 ng
RT: 10.96 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF077330.D
Acq: 17 Feb 2015 23:20

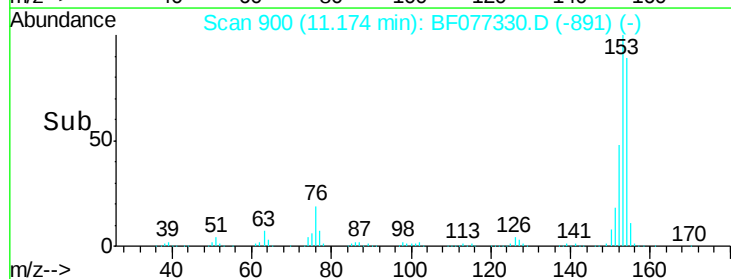
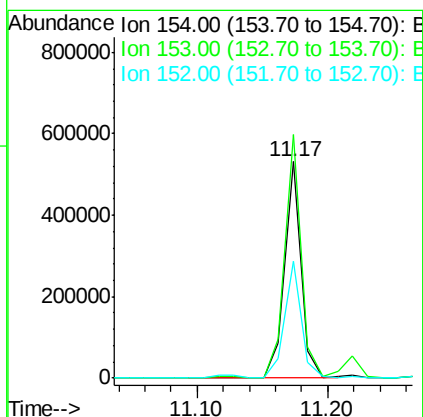
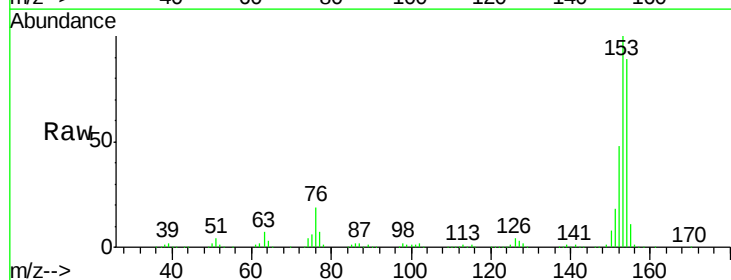
Instrument :
BNA_F
ClientSampleId :
COMP2

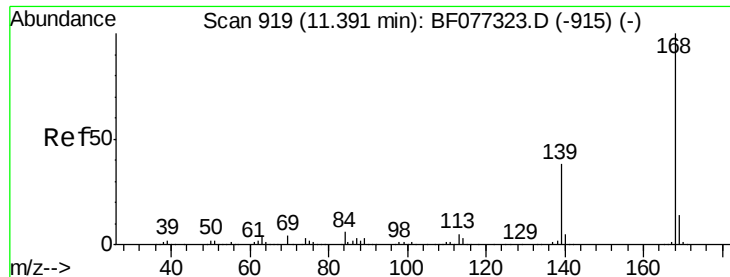
Tgt Ion:152 Resp: 48699
Ion Ratio Lower Upper
152 100
151 19.9 16.3 24.5
153 22.2 10.9 16.3#



#51
Acenaphthene
Concen: 79.78 ng
RT: 11.17 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF077330.D
Acq: 17 Feb 2015 23:20

Tgt Ion:154 Resp: 472770
Ion Ratio Lower Upper
154 100
153 112.6 90.9 136.3
152 54.0 43.5 65.3

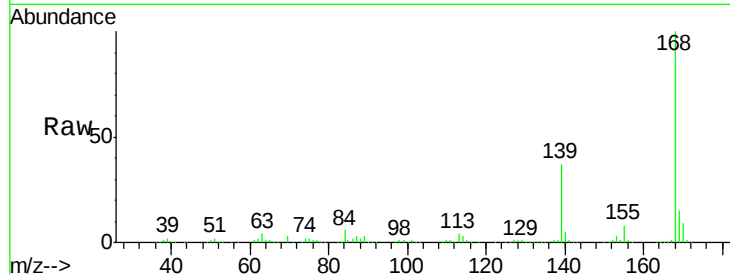




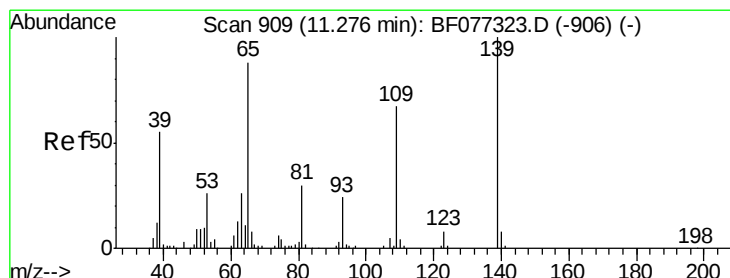
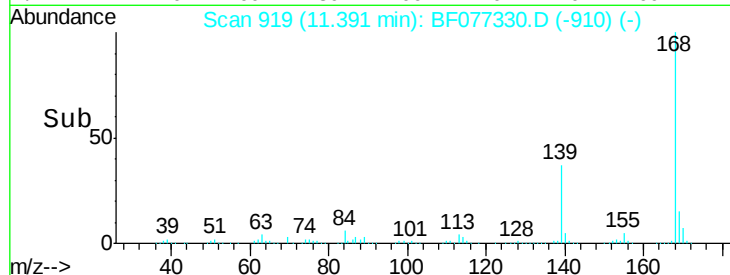
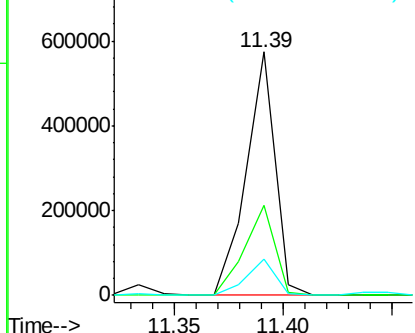
#54
Dibenzenofuran
Concen: 58.87 ng
RT: 11.39 min Scan# 919
Delta R.T. 0.00 min
Lab File: BF077330.D
Acq: 17 Feb 2015 23:20

Instrument :
BNA_F
ClientSampleId :
COMP2

Tgt Ion:168 Resp: 529186
Ion Ratio Lower Upper
168 100
139 36.9 30.6 45.8
169 14.7 11.0 16.4

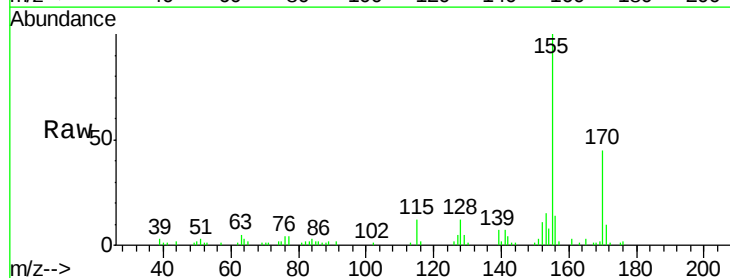


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

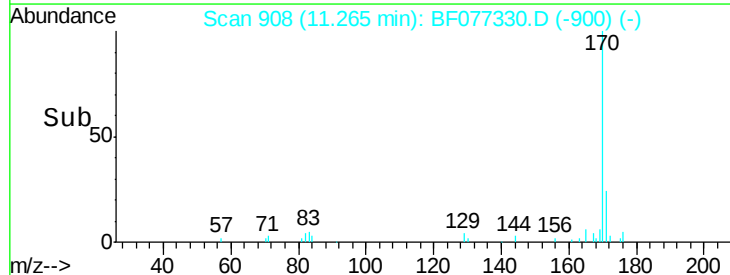
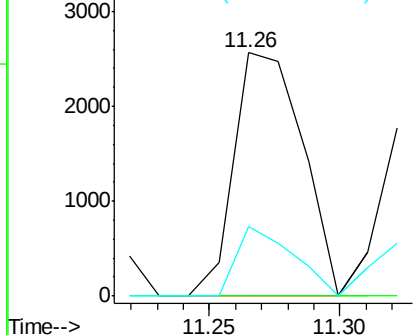


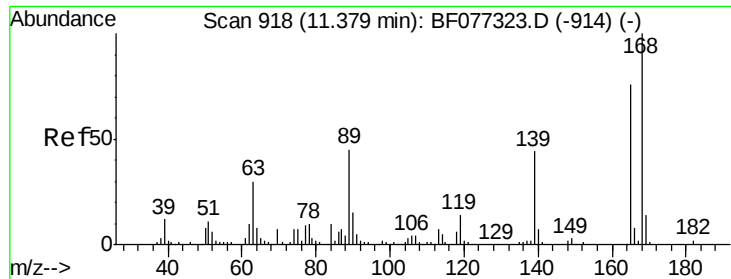
#55
4-Nitrophenol
Concen: 5.01 ng
RT: 11.26 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF077330.D
Acq: 17 Feb 2015 23:20

Tgt Ion:139 Resp: 4670
Ion Ratio Lower Upper
139 100
109 0.0 47.5 87.5#
65 28.6 67.8 107.8#



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





#56

2,4-Dinitrotoluene

Concen: 5.35 ng

RT: 11.39 min Scan# 919

Delta R.T. 0.01 min

Lab File: BF077330.D

Acq: 17 Feb 2015 23:20

Instrument :

BNA_F

ClientSampleId :

COMP2

Tgt Ion:165 Resp: 4111

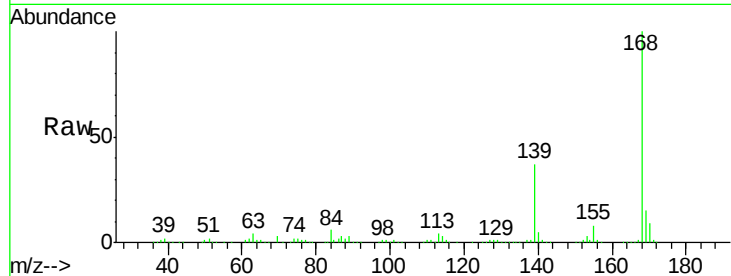
Ion Ratio Lower Upper

165 100

63 996.1 31.6 47.4#

89 619.2 48.1 72.1#

182 0.0 1.9 2.9#

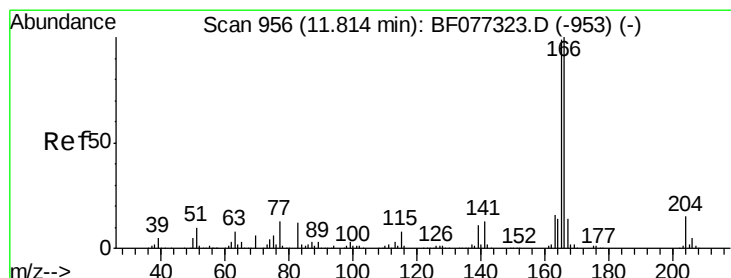
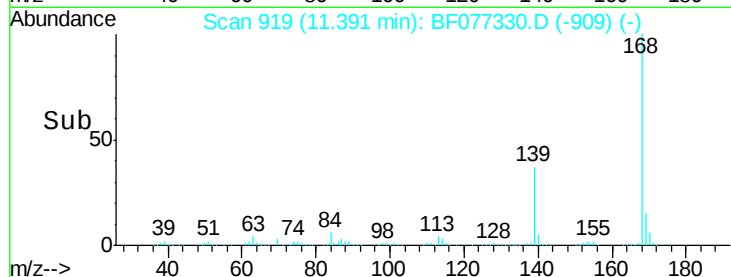
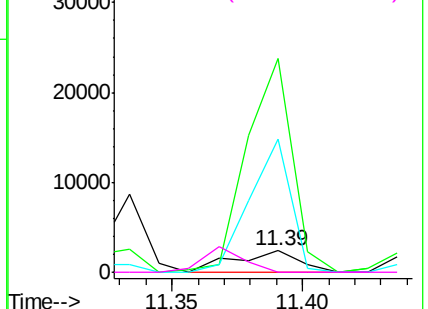


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 79.25 ng

RT: 11.81 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF077330.D

Acq: 17 Feb 2015 23:20

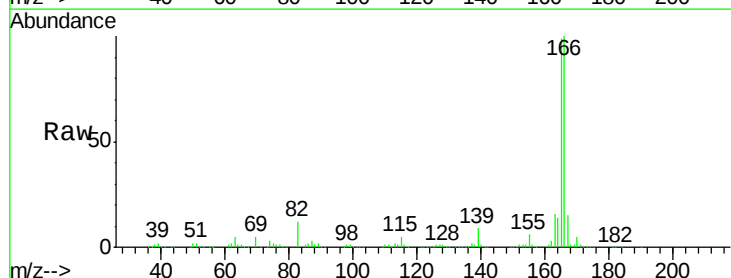
Tgt Ion:166 Resp: 558900

Ion Ratio Lower Upper

166 100

165 98.9 79.2 118.8

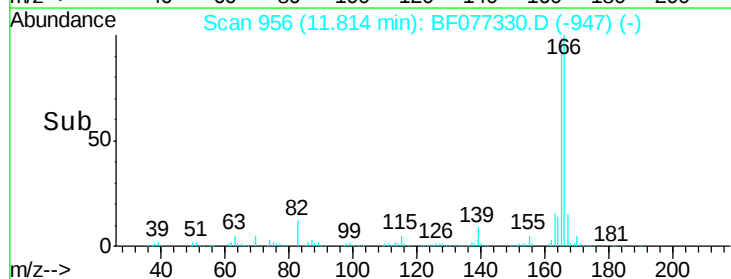
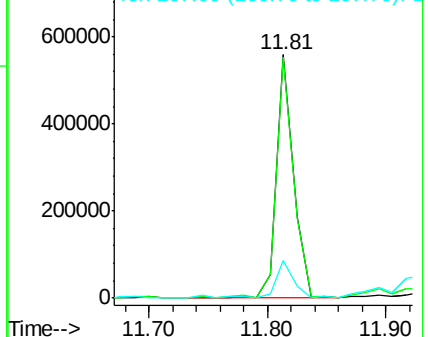
167 15.2 11.0 16.6

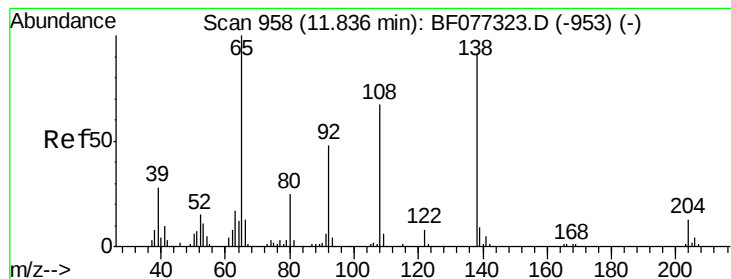


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

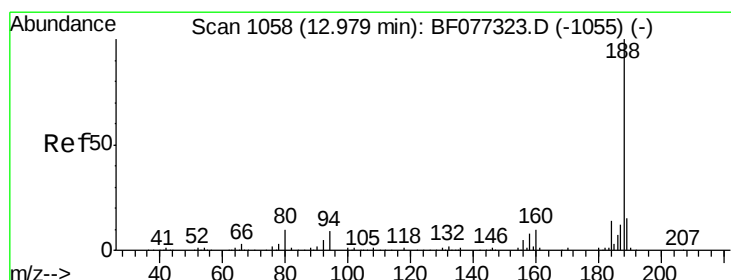
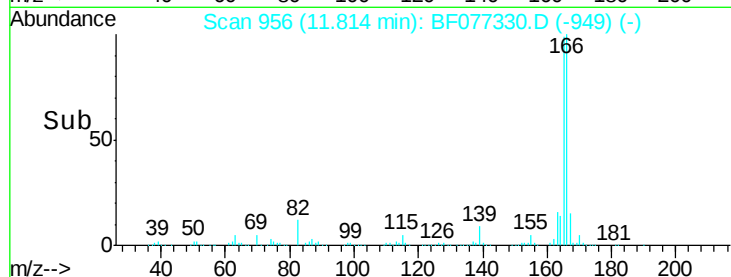
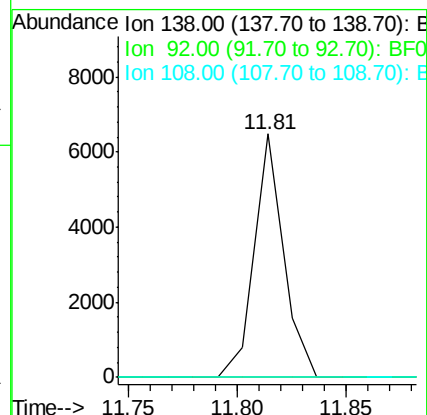
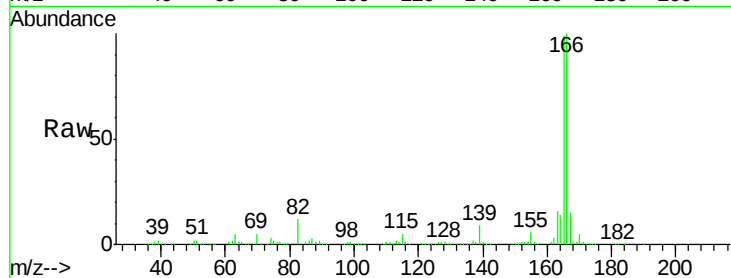




#61
4-Nitroaniline
Concen: 5.57 ng
RT: 11.81 min Scan# 956
Delta R.T. -0.02 min
Lab File: BF077330.D
Acq: 17 Feb 2015 23:20

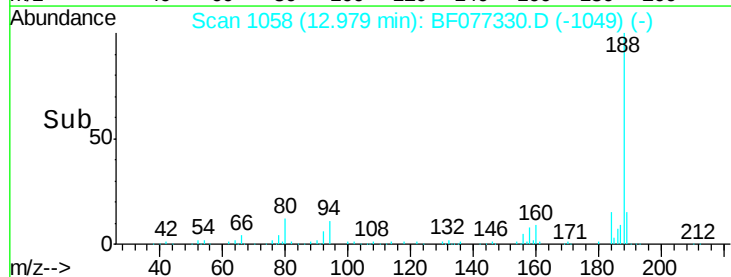
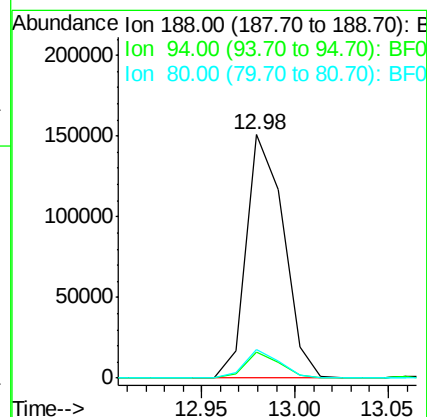
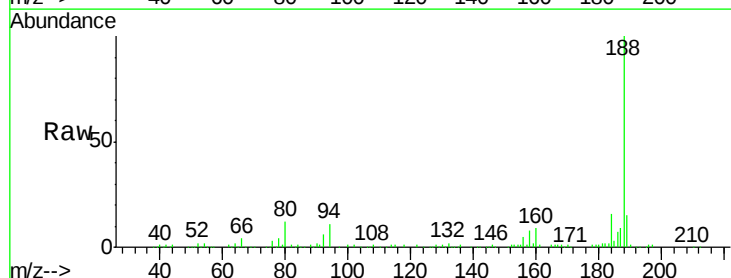
Instrument :
BNA_F
ClientSampleId :
COMP2

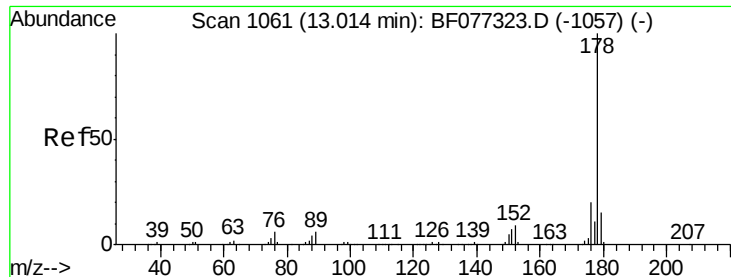
Tgt Ion:138 Resp: 6080
Ion Ratio Lower Upper
138 100
92 0.0 32.7 72.7#
108 0.0 53.9 93.9#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.98 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BF077330.D
Acq: 17 Feb 2015 23:20

Tgt Ion:188 Resp: 209618
Ion Ratio Lower Upper
188 100
94 10.9 7.2 10.8#
80 11.8 7.8 11.8#

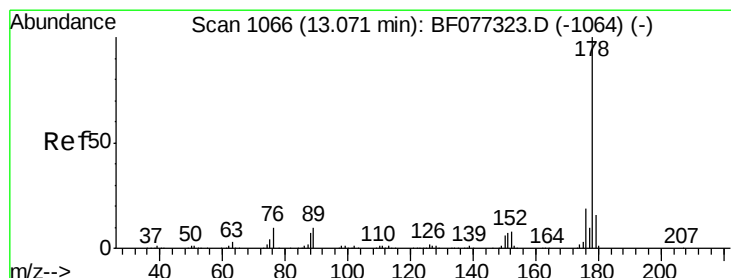
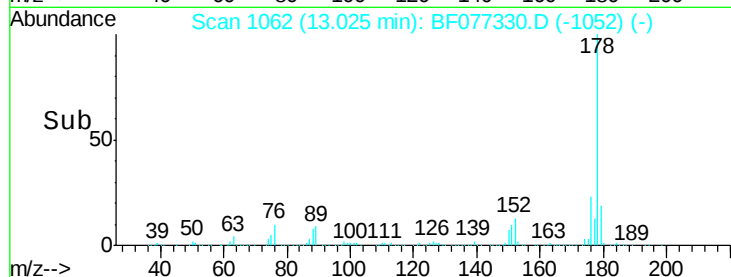
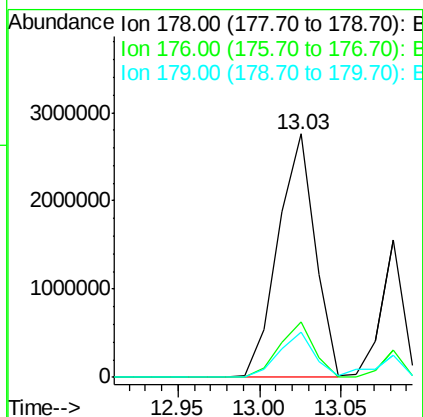
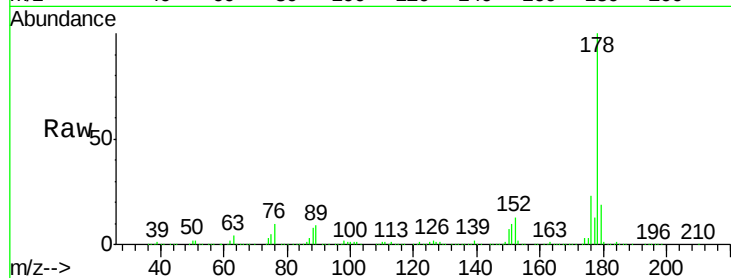




#70
Phenanthrene
Concen: 358.16 ng
RT: 13.03 min Scan# 1062
Delta R.T. 0.01 min
Lab File: BF077330.D
Acq: 17 Feb 2015 23:20

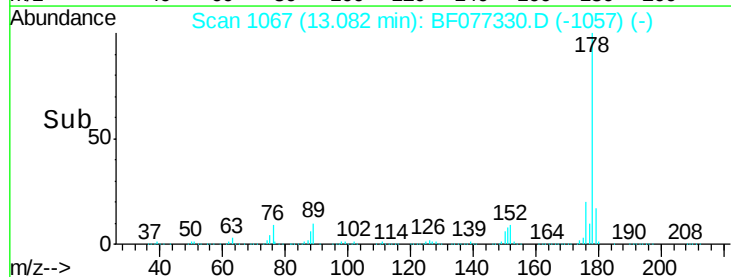
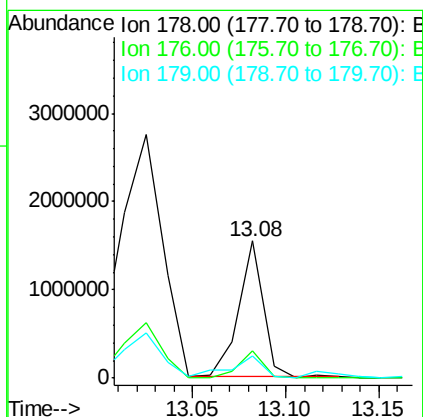
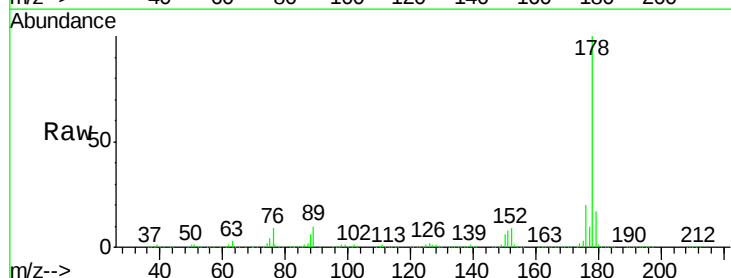
Instrument :
BNA_F
ClientSampleId :
COMP2

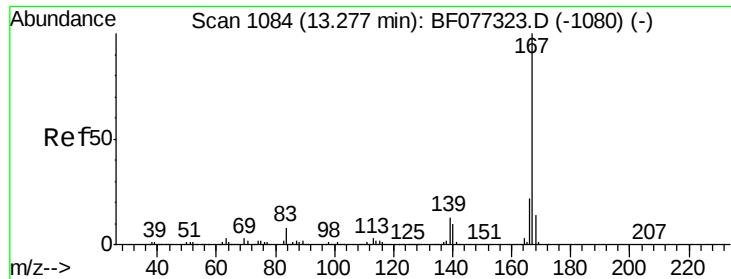
Tgt Ion:178 Resp: 4362685
Ion Ratio Lower Upper
178 100
176 23.0 15.6 23.4
179 18.7 12.3 18.5#



#71
Anthracene
Concen: 118.36 ng
RT: 13.08 min Scan# 1067
Delta R.T. 0.01 min
Lab File: BF077330.D
Acq: 17 Feb 2015 23:20

Tgt Ion:178 Resp: 1433549
Ion Ratio Lower Upper
178 100
176 19.9 15.3 22.9
179 16.6 12.8 19.2





#72

Carbazole

Concen: 46.07 ng

RT: 13.28 min Scan# 1084

Delta R.T. 0.00 min

Lab File: BF077330.D

Acq: 17 Feb 2015 23:20

Instrument :

BNA_F

ClientSampleId :

COMP2

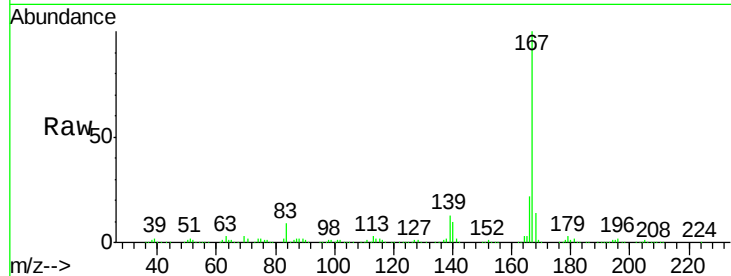
Tgt Ion:167 Resp: 490584

Ion Ratio Lower Upper

167 100

166 22.4 17.4 26.2

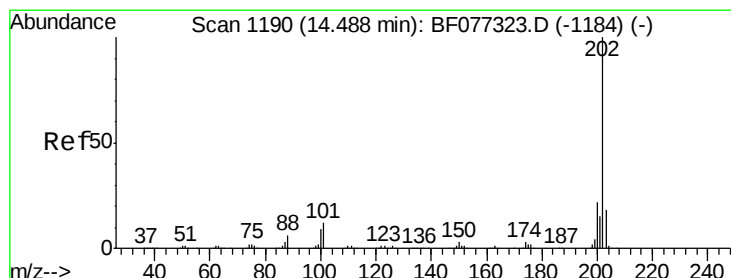
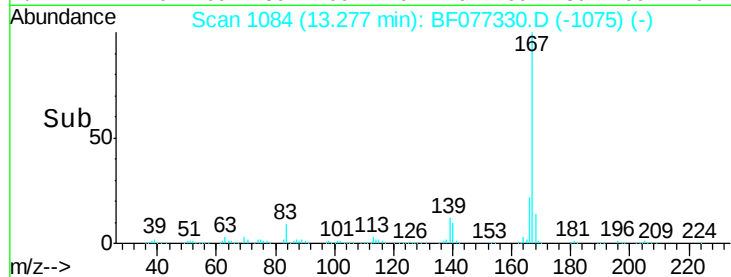
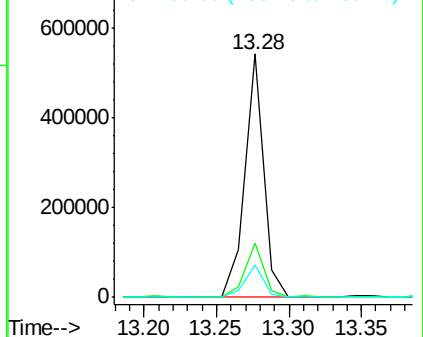
139 13.5 10.6 15.8



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: 318.67 ng

RT: 14.51 min Scan# 1192

Delta R.T. 0.02 min

Lab File: BF077330.D

Acq: 17 Feb 2015 23:20

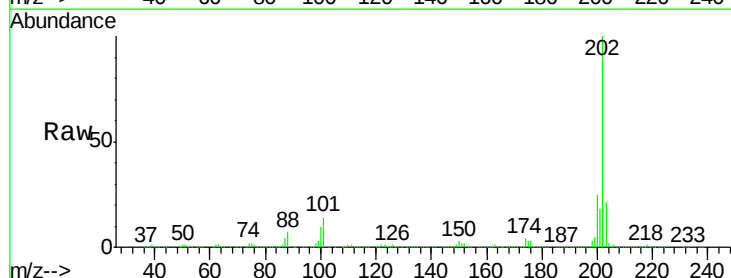
Tgt Ion:202 Resp: 3919322

Ion Ratio Lower Upper

202 100

101 13.6 0.0 32.4

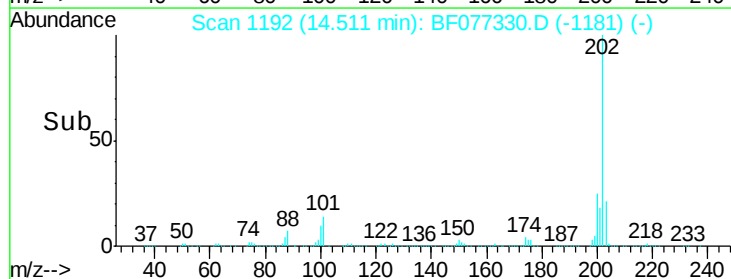
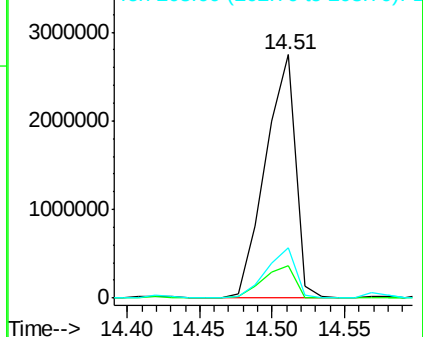
203 20.8 0.0 37.7

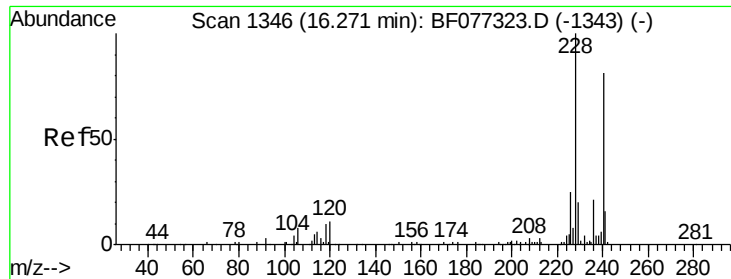


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

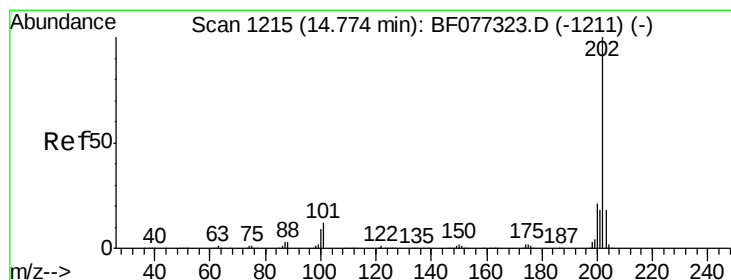
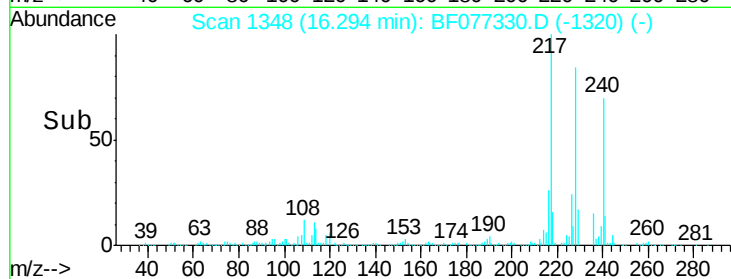
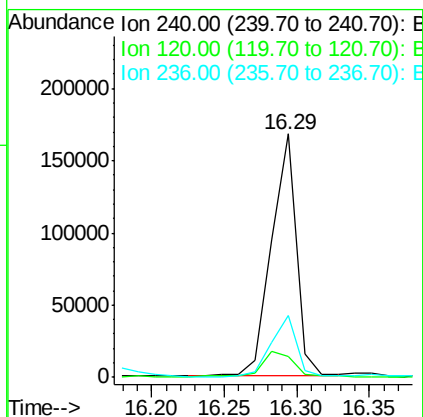
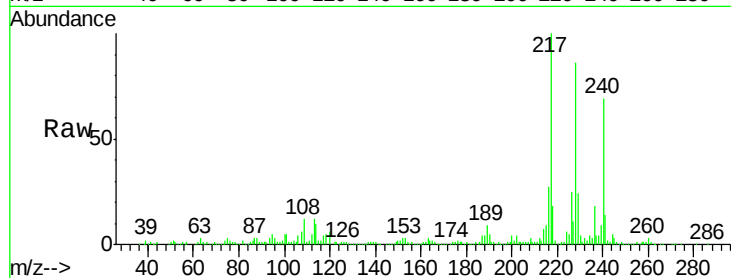




#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.29 min Scan# 1348
Delta R.T. 0.02 min
Lab File: BF077330.D
Acq: 17 Feb 2015 23:20

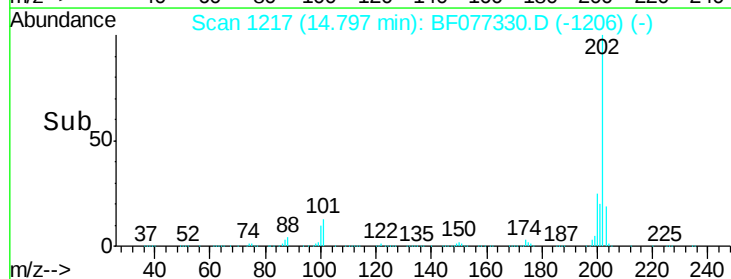
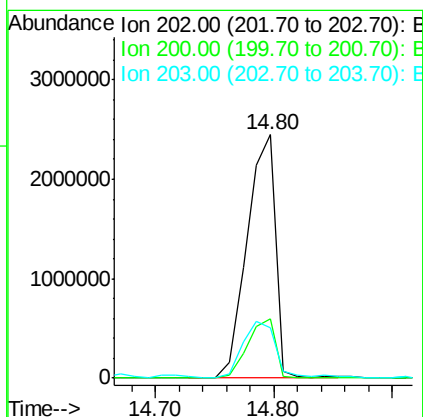
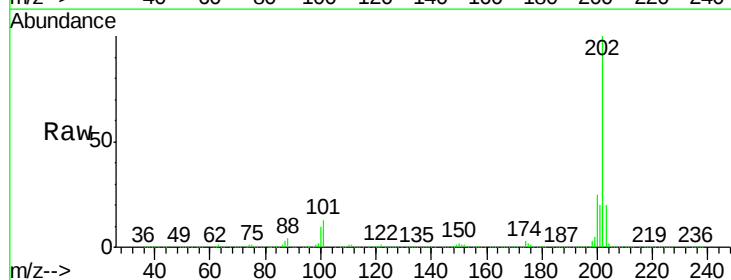
Instrument :
BNA_F
ClientSampleId :
COMP2

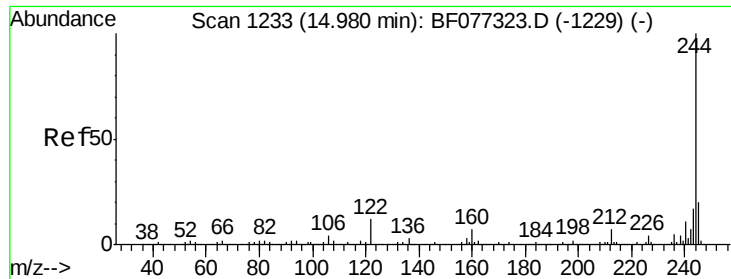
Tgt Ion:240 Resp: 201795
Ion Ratio Lower Upper
240 100
120 8.7 11.3 16.9#
236 25.7 20.3 30.5



#77
Pyrene
Concen: 327.42 ng
RT: 14.80 min Scan# 1217
Delta R.T. 0.02 min
Lab File: BF077330.D
Acq: 17 Feb 2015 23:20

Tgt Ion:202 Resp: 4084418
Ion Ratio Lower Upper
202 100
200 24.5 17.0 25.4
203 20.5 14.2 21.4





#78

Terphenyl-d14

Concen: 13.94 ng

RT: 14.98 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BF077330.D

Acq: 17 Feb 2015 23:20

Instrument :

BNA_F

ClientSampleId :

COMP2

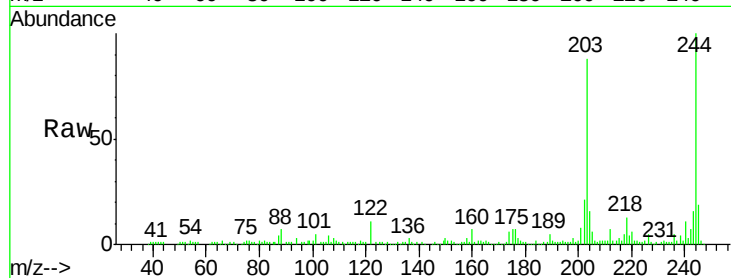
Tgt Ion:244 Resp: 123698

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

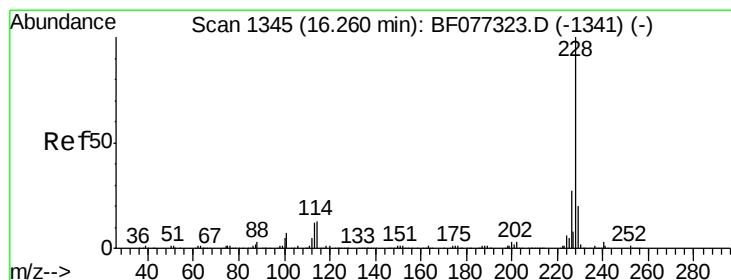
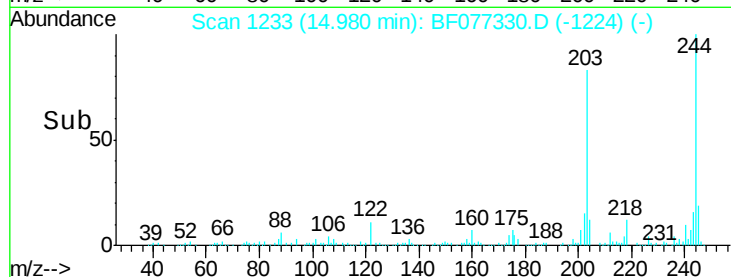
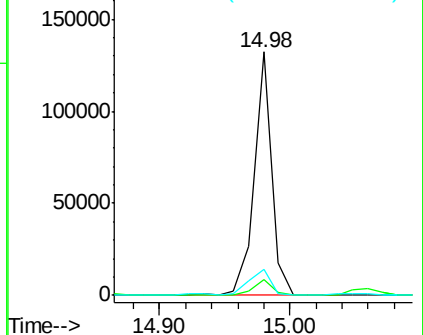
122 10.6 9.3 13.9



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Benzo(a)anthracene

Concen: 178.58 ng

RT: 16.28 min Scan# 1347

Delta R.T. 0.02 min

Lab File: BF077330.D

Acq: 17 Feb 2015 23:20

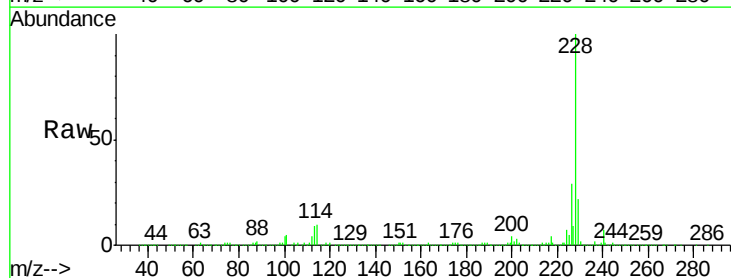
Tgt Ion:228 Resp: 2098640

Ion Ratio Lower Upper

228 100

226 29.3 21.9 32.9

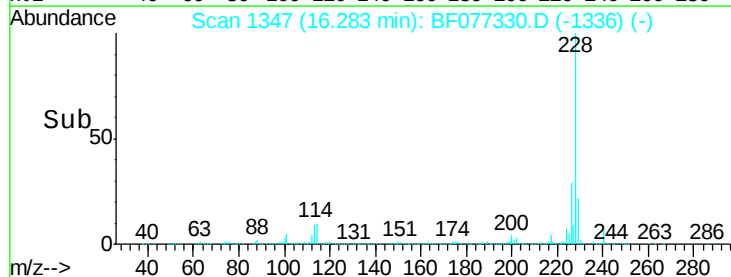
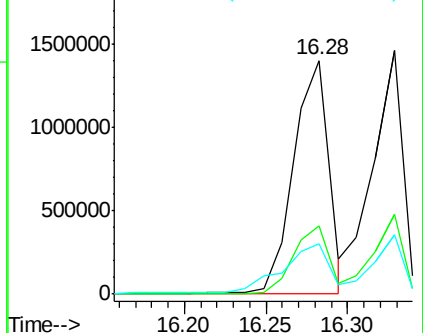
229 21.8 16.1 24.1

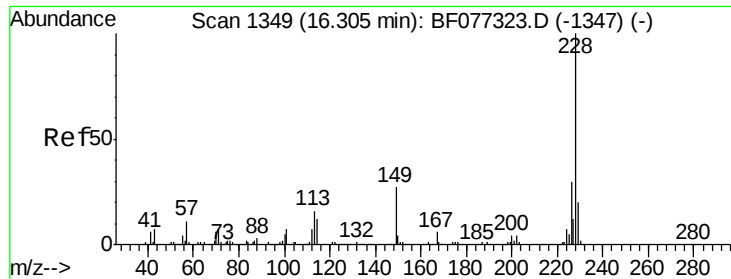


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 180.59 ng

RT: 16.28 min Scan# 1347

Delta R.T. -0.02 min

Lab File: BF077330.D

Acq: 17 Feb 2015 23:20

Instrument :

BNA_F

ClientSampleId :

COMP2

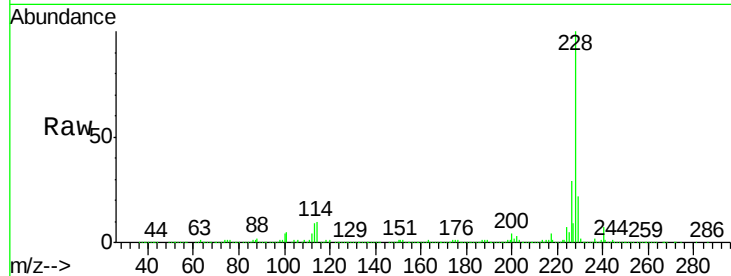
Tgt Ion:228 Resp: 2006705

Ion Ratio Lower Upper

228 100

226 29.3 24.2 36.2

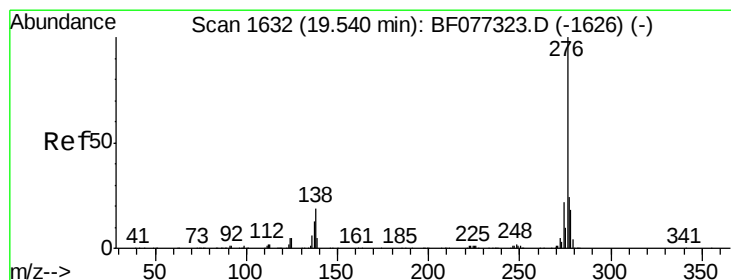
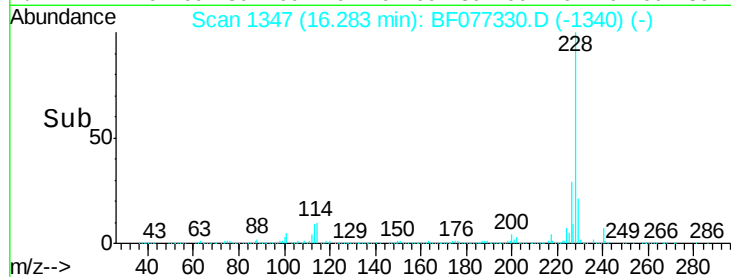
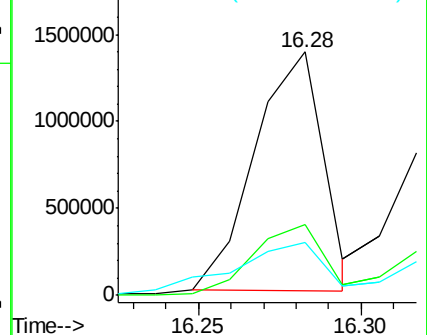
229 21.8 16.2 24.2



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



#85

Indeno(1,2,3-cd)pyrene

Concen: 2.29 ng

RT: 19.68 min Scan# 1644

Delta R.T. 0.02 min

Lab File: BF077330.D

Acq: 17 Feb 2015 23:20

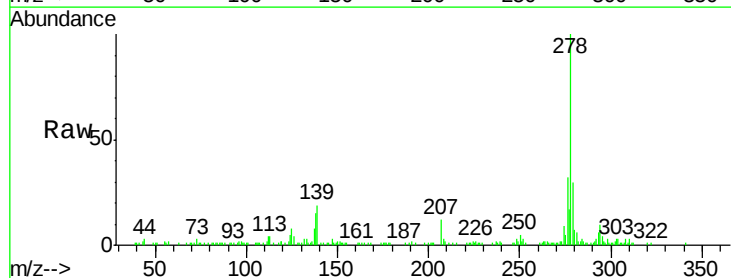
Tgt Ion:276 Resp: 29091

Ion Ratio Lower Upper

276 100

138 50.4 20.2 30.2#

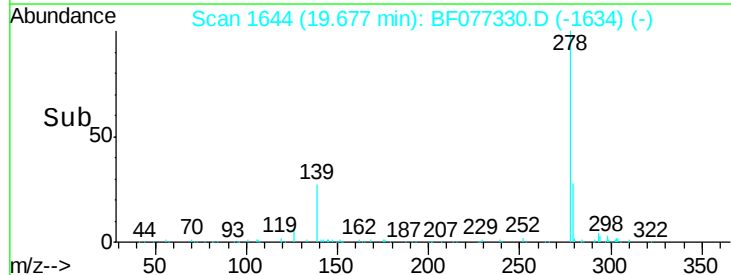
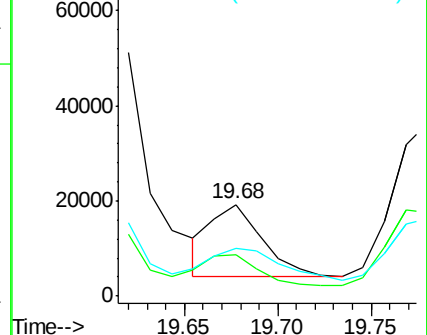
277 61.8 20.2 30.2#

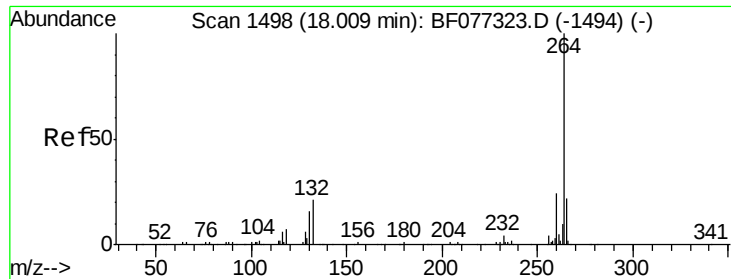


Abundance Ion 276.00 (275.70 to 276.70): E

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: 18.05 min Scan# 1502

Delta R.T. 0.05 min

Lab File: BF077330.D

Acq: 17 Feb 2015 23:20

Instrument :

BNA_F

ClientSampleId :

COMP2

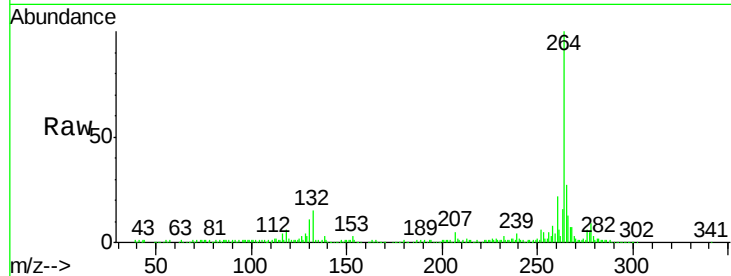
Tgt Ion:264 Resp: 236839

Ion Ratio Lower Upper

264 100

260 22.4 18.9 28.3

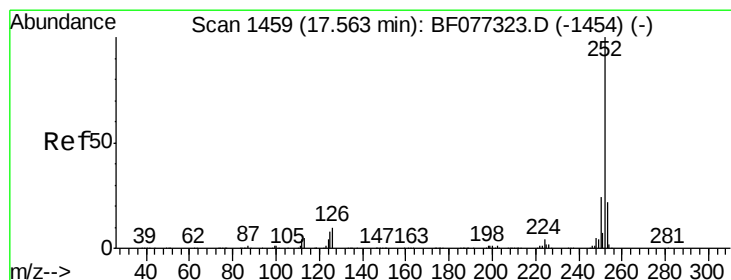
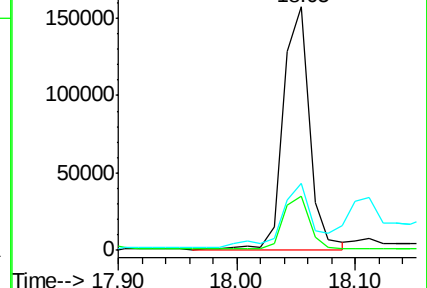
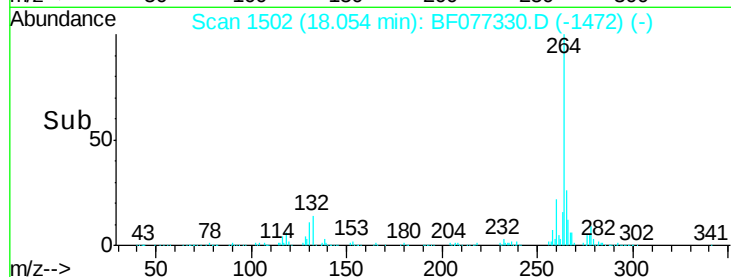
265 27.5 17.7 26.5#



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: 194.91 ng

RT: 17.60 min Scan# 1462

Delta R.T. 0.03 min

Lab File: BF077330.D

Acq: 17 Feb 2015 23:20

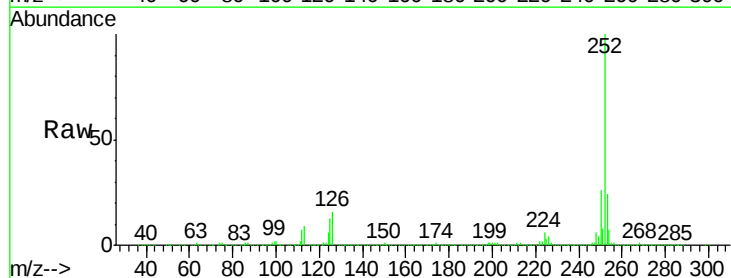
Tgt Ion:252 Resp: 2967448

Ion Ratio Lower Upper

252 100

253 24.0 17.3 25.9

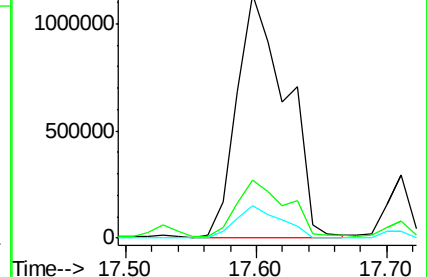
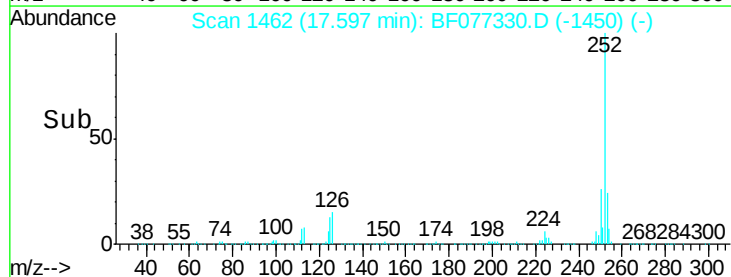
125 13.3 6.1 9.1#

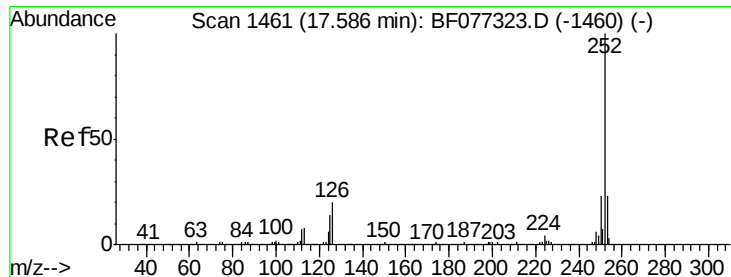


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

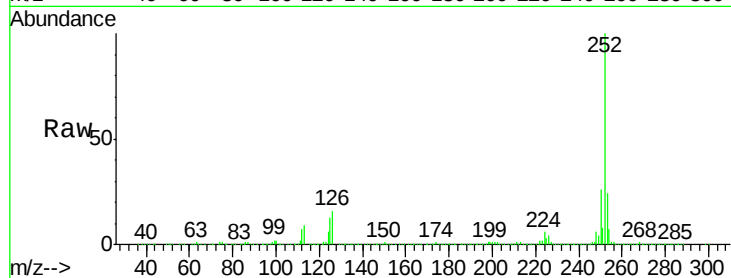




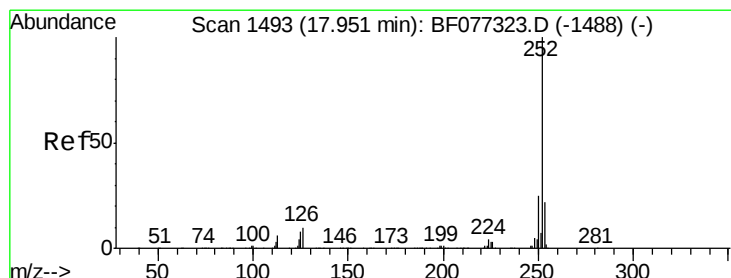
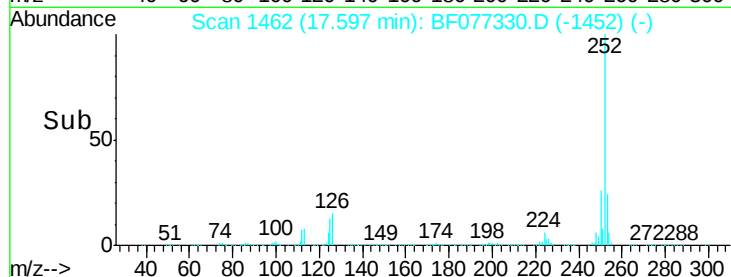
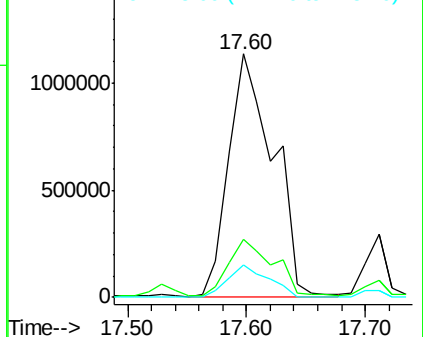
#88
Benzo(k)fluoranthene
Concen: 236.49 ng
RT: 17.60 min Scan# 1462
Delta R.T. 0.01 min
Lab File: BF077330.D
Acq: 17 Feb 2015 23:20

Instrument :
BNA_F
ClientSampleId :
COMP2

Tgt Ion:252 Resp: 2974022
Ion Ratio Lower Upper
252 100
253 24.0 18.0 27.0
125 13.3 11.0 16.4

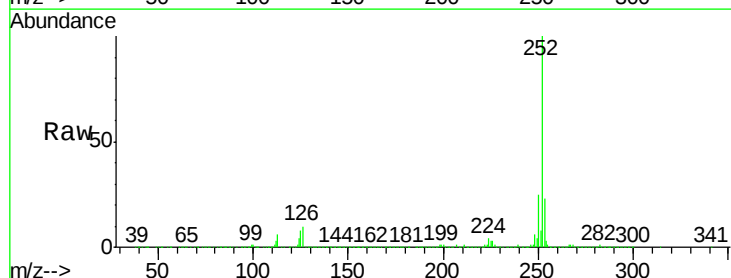


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

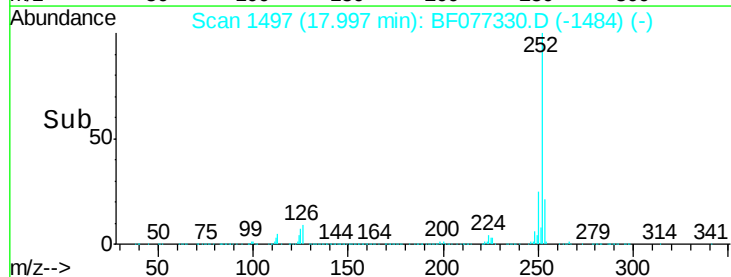
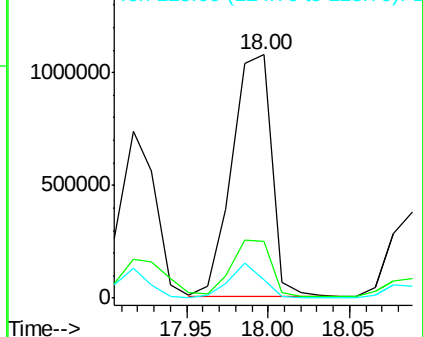


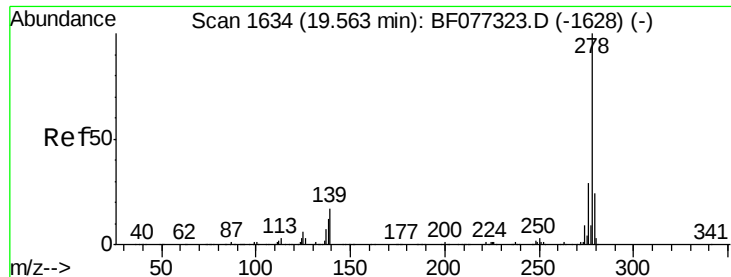
#89
Benzo(a)pyrene
Concen: 134.66 ng
RT: 18.00 min Scan# 1497
Delta R.T. 0.05 min
Lab File: BF077330.D
Acq: 17 Feb 2015 23:20

Tgt Ion:252 Resp: 1784535
Ion Ratio Lower Upper
252 100
253 23.5 17.4 26.0
125 7.7 6.2 9.2



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: 20.48 ng

RT: 19.61 min Scan# 1638

Delta R.T. 0.05 min

Lab File: BF077330.D

Acq: 17 Feb 2015 23:20

Instrument :

BNA_F

ClientSampleId :

COMP2

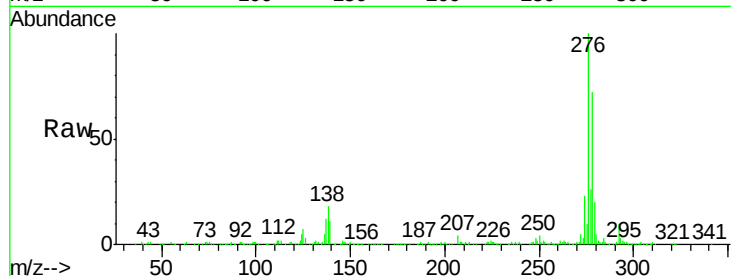
Tgt Ion:278 Resp: 276156

Ion Ratio Lower Upper

278 100

139 15.9 13.4 20.2

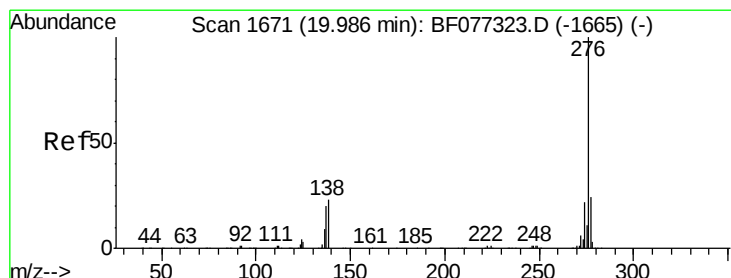
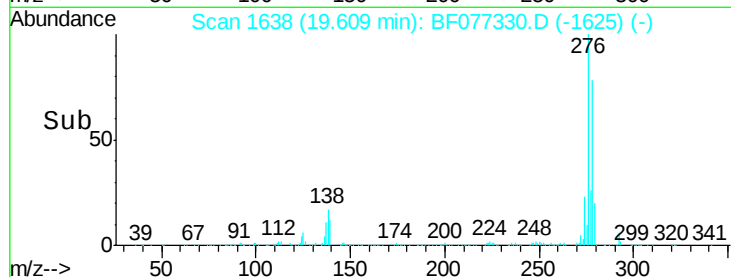
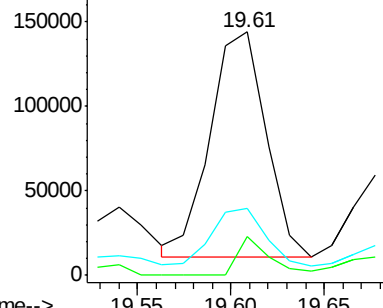
279 27.7 19.1 28.7



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: 89.99 ng

RT: 20.05 min Scan# 1677

Delta R.T. 0.07 min

Lab File: BF077330.D

Acq: 17 Feb 2015 23:20

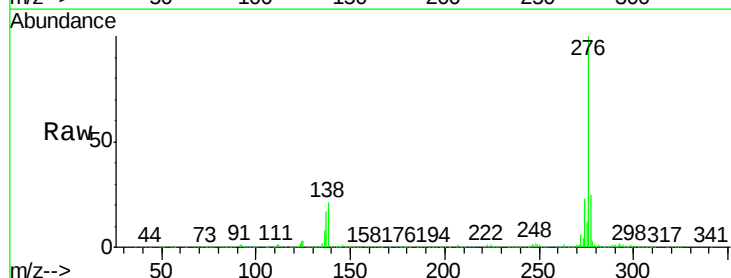
Tgt Ion:276 Resp: 1206679

Ion Ratio Lower Upper

276 100

277 24.6 19.0 28.6

138 20.8 18.7 28.1



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

