

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021715\
 Data File : BF077331.D
 Acq On : 17 Feb 2015 23:49
 Operator : TP/IZ
 Sample : G1299-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP1

Quant Time: Feb 18 03:37:35 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	58980	20.00	ng	0.00
21) Naphthalene-d8	8.96	136	245863	20.00	ng	0.00
38) Acenaphthene-d10	11.13	164	119334	20.00	ng	-0.01
63) Phenanthrene-d10	12.98	188	235741	20.00	ng	0.00
75) Chrysene-d12	16.28	240	230705	20.00	ng	0.01
86) Perylene-d12	18.02	264	250463	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	304080	88.11	ng	0.00
7) Phenol-d6	6.92	99	421201	93.42	ng	0.00
23) Nitrobenzene-d5	8.06	82	223742	63.02	ng	0.00
41) 2,4,6-Tribromophenol	12.11	330	92820	83.96	ng	0.00
44) 2-Fluorobiphenyl	10.30	172	485747	61.36	ng	0.00
78) Terphenyl-d14	14.98	244	524832	51.72	ng	0.00

Target Compounds

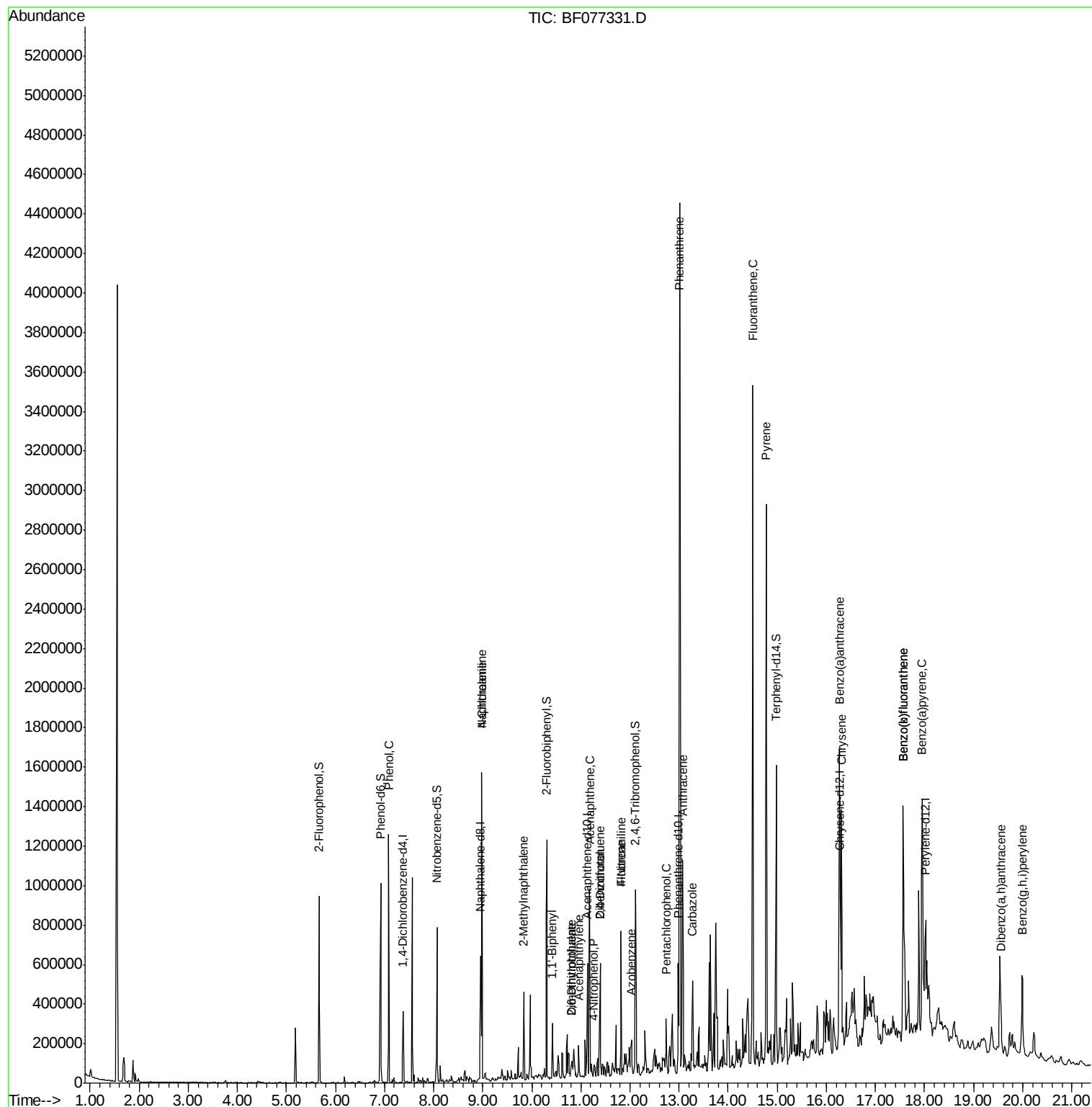
						Qvalue
10) Phenol	7.08	94	586	3.52	ng	# 1
31) Naphthalene	8.98	128	725292	58.96	ng	99
33) 4-Chloroaniline	8.98	127	93048	17.70	ng	# 29
37) 2-Methylnaphthalene	9.84	142	161464	18.25	ng	# 96
45) 1,1'-Biphenyl	10.42	154	54179	5.69	ng	98
48) Acenaphthylene	10.96	152	41276	3.54	ng	97
49) Dimethylphthalate	10.81	163	27205	3.31	ng	# 99
50) 2,6-Dinitrotoluene	10.81	165	490	2.04	ng	# 38
51) Acenaphthene	11.17	154	202945	29.34	ng	99
54) Dibenzofuran	11.39	168	225706	21.51	ng	97
55) 4-Nitrophenol	11.27	139	2187	2.38	ng	# 76
56) 2,4-Dinitrotoluene	11.39	165	2271	4.10	ng	# 1
57) Fluorene	11.81	166	200022	24.30	ng	99
61) 4-Nitroaniline	11.81	138	2655	3.12	ng	# 18
62) Azobenzene	12.03	77	30989	3.66	ng	# 1
69) Pentachlorophenol	12.74	266	211	3.18	ng	# 18
70) Phenanthrene	13.01	178	1960176	143.09	ng	97
71) Anthracene	13.07	178	474644	34.85	ng	100
72) Carbazole	13.28	167	203363	16.98	ng	99
74) Fluoranthene	14.50	202	1751476	126.63	ng	97
77) Pyrene	14.77	202	1550062	108.69	ng	95
80) Benzo(a)anthracene	16.27	228	699326	52.05	ng	99
82) Chrysene	16.31	228	583224	45.91	ng	96
87) Benzo(b)fluoranthene	17.56	252	955220	59.33	ng	# 94
88) Benzo(k)fluoranthene	17.56	252	956923	71.95	ng	97
89) Benzo(a)pyrene	17.95	252	555744	39.66	ng	# 96
90) Dibenzo(a,h)anthracene	19.55	278	80469	5.64	ng	93
91) Benzo(g,h,i)perylene	20.00	276	363327	25.62	ng	96

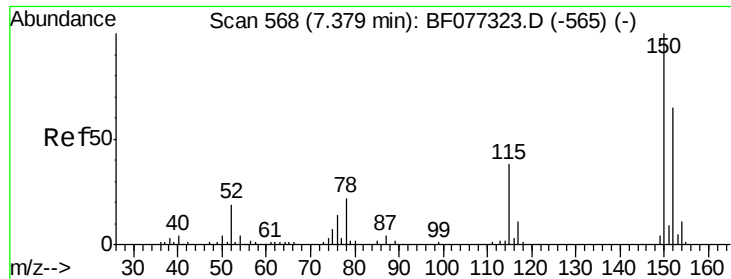
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.38 min Scan# 568

Delta R.T. 0.00 min

Lab File: BF077331.D

Acq: 17 Feb 2015 23:49

Instrument :

BNA_F

ClientSampleId :

COMP1

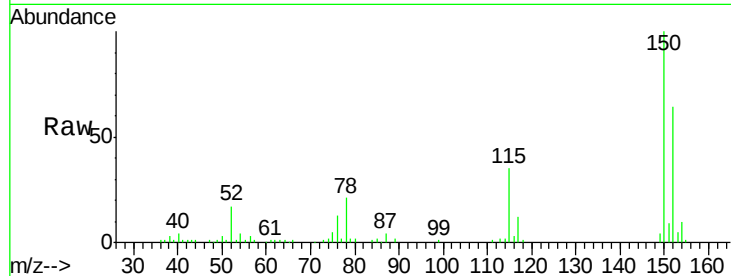
Tgt Ion:152 Resp: 58980

Ion Ratio Lower Upper

152 100

150 155.9 123.1 184.7

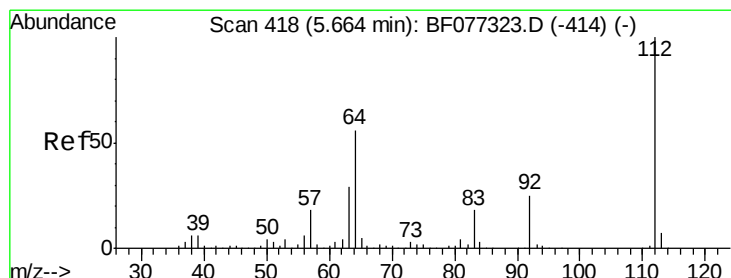
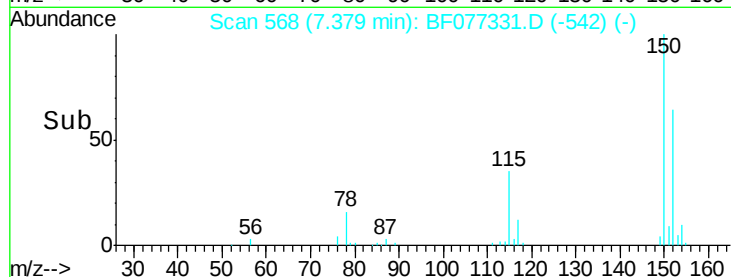
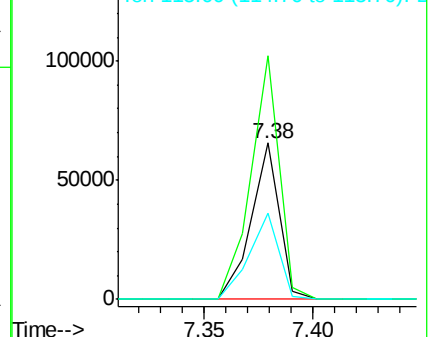
115 55.0 46.2 69.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 88.11 ng

RT: 5.66 min Scan# 418

Delta R.T. 0.00 min

Lab File: BF077331.D

Acq: 17 Feb 2015 23:49

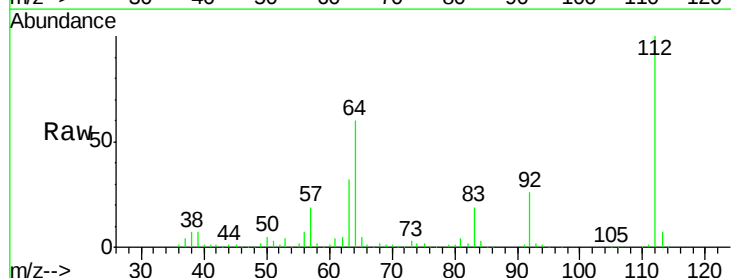
Tgt Ion:112 Resp: 304080

Ion Ratio Lower Upper

112 100

64 60.4 44.7 67.1

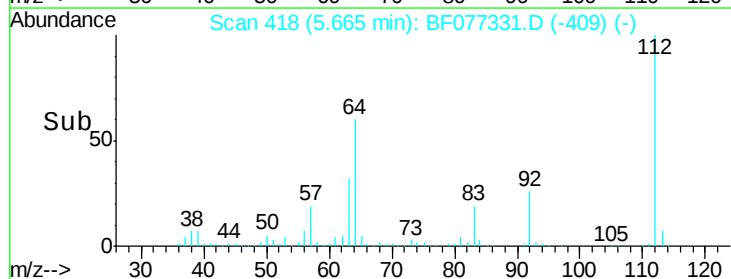
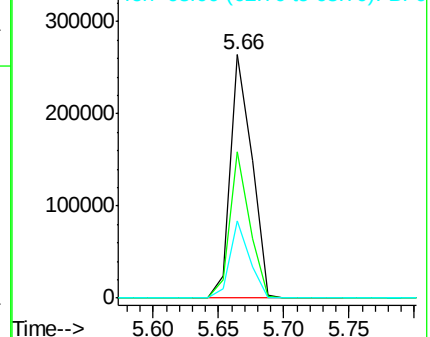
63 31.8 23.3 34.9

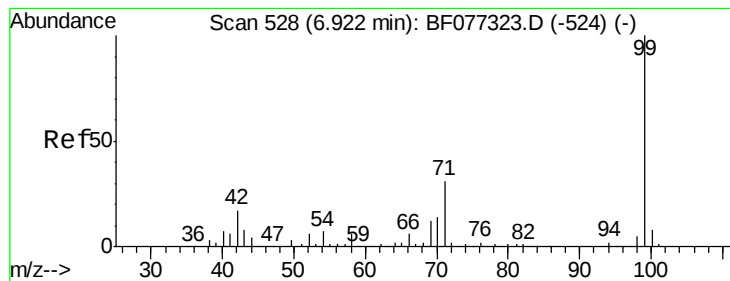


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 93.42 ng

RT: 6.92 min Scan# 528

Delta R.T. 0.00 min

Lab File: BF077331.D

Acq: 17 Feb 2015 23:49

Instrument :

BNA_F

ClientSampleId :

COMP1

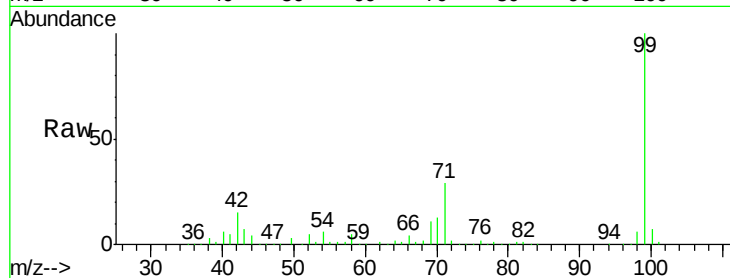
Tgt Ion: 99 Resp: 421201

Ion Ratio Lower Upper

99 100

42 15.0 13.8 20.6

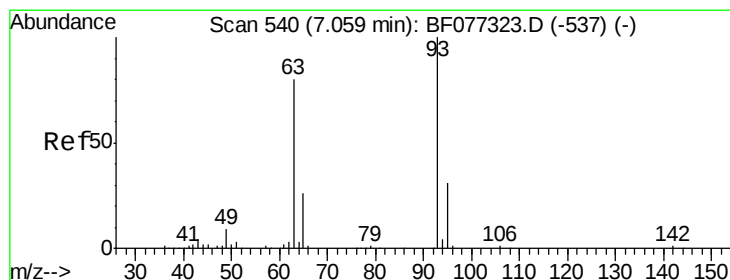
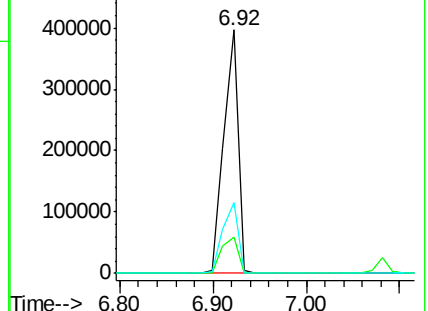
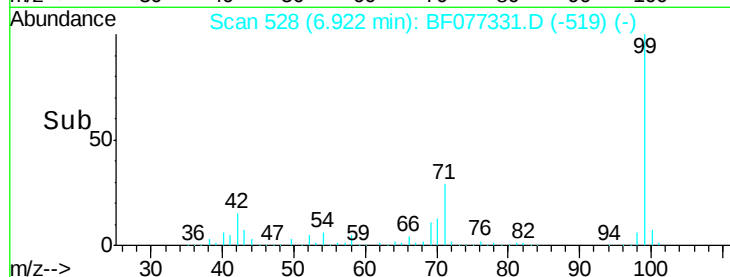
71 29.3 24.6 37.0



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



#10

Phenol

Concen: 3.52 ng

RT: 7.08 min Scan# 542

Delta R.T. 0.02 min

Lab File: BF077331.D

Acq: 17 Feb 2015 23:49

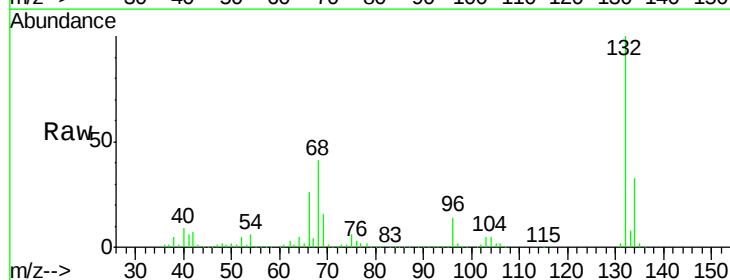
Tgt Ion: 94 Resp: 586

Ion Ratio Lower Upper

94 100

65 879.3 718.6 758.6#

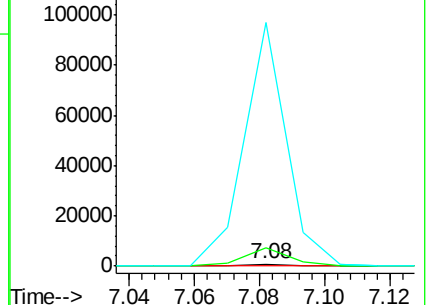
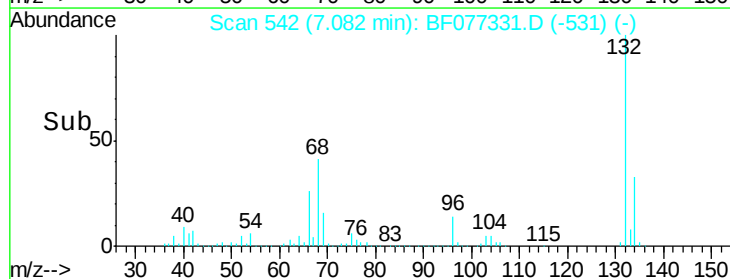
66 11354.6 0.0 37.8#

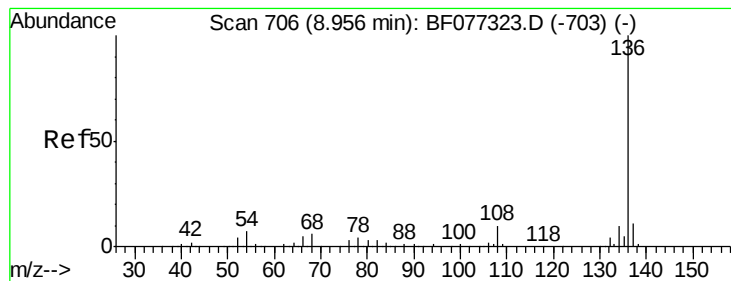


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.96 min Scan# 706

Delta R.T. 0.00 min

Lab File: BF077331.D

Acq: 17 Feb 2015 23:49

Instrument :

BNA_F

ClientSampleId :

COMP1

Tgt Ion: 136 Resp: 245863

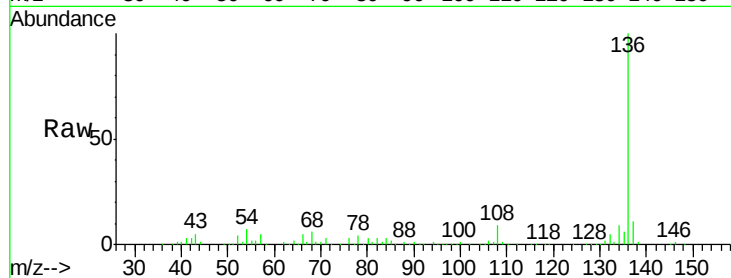
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 7.0 5.8 8.6

68 5.8 4.6 6.8

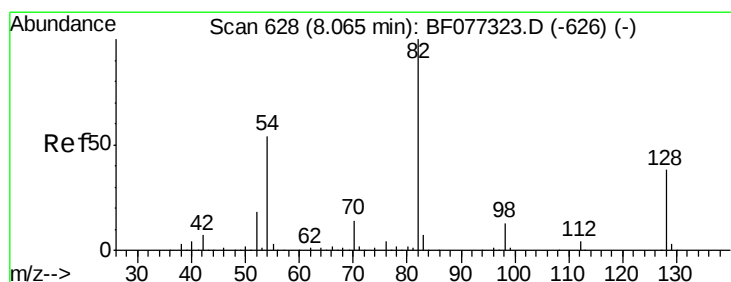
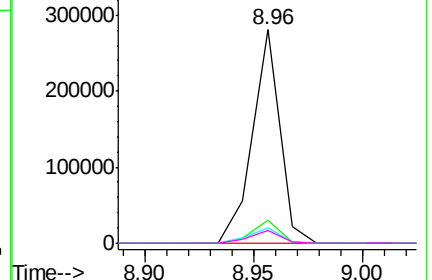
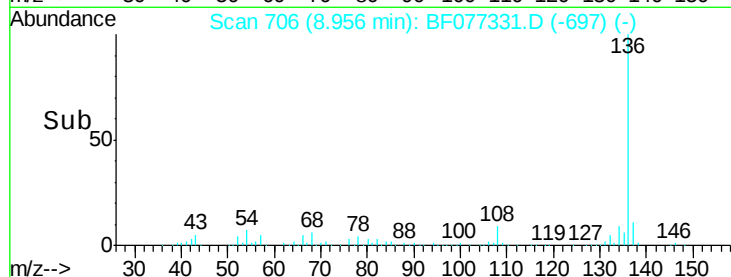


Abundance Ion 136.00 (135.70 to 136.70): E

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: 63.02 ng

RT: 8.06 min Scan# 628

Delta R.T. 0.00 min

Lab File: BF077331.D

Acq: 17 Feb 2015 23:49

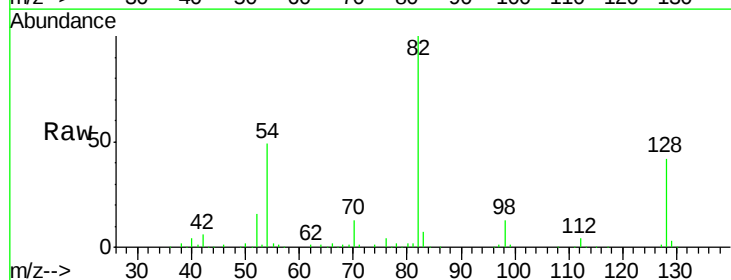
Tgt Ion: 82 Resp: 223742

Ion Ratio Lower Upper

82 100

128 41.8 30.7 46.1

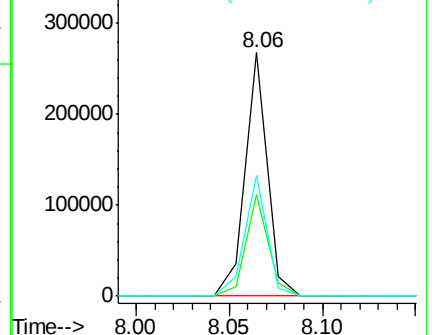
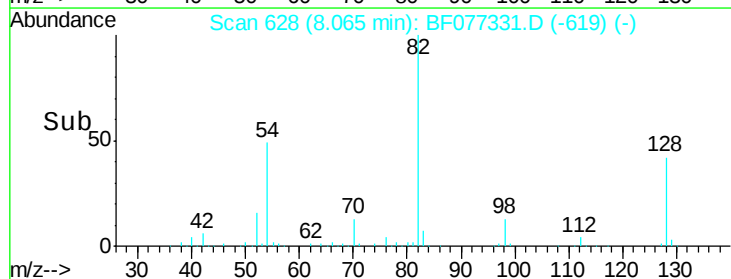
54 49.4 43.1 64.7

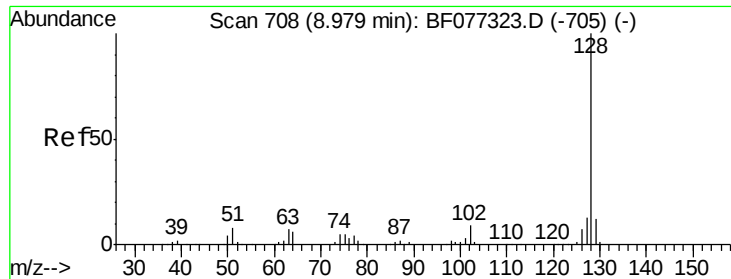


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

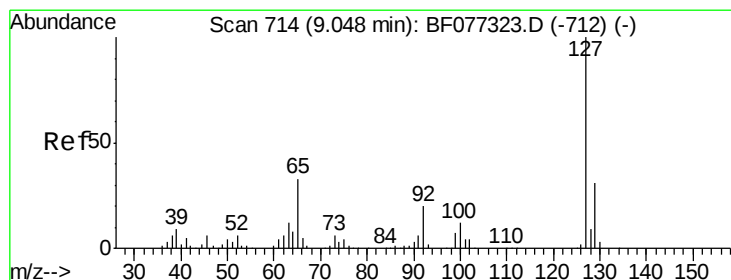
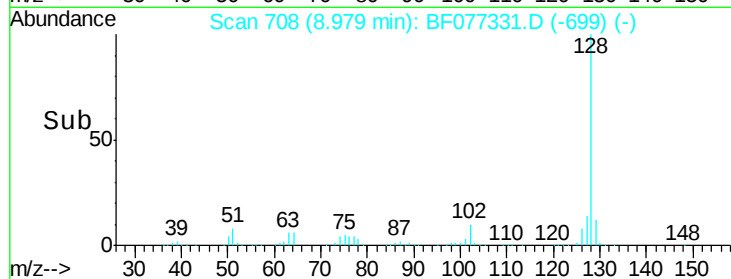
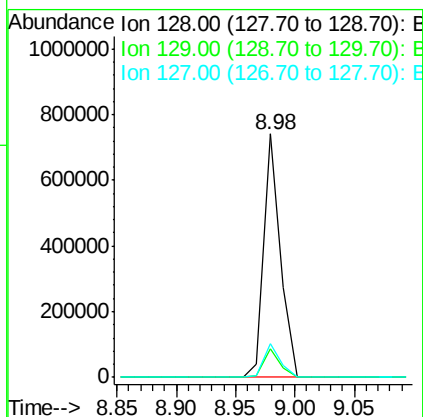
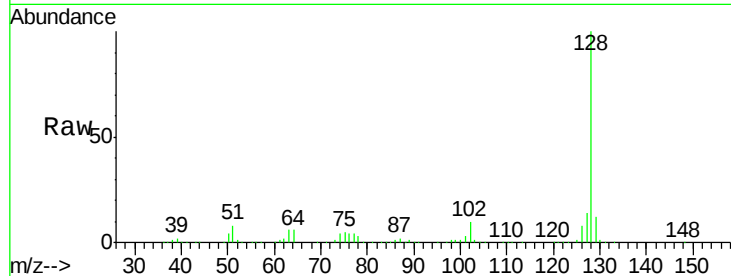




#31
Naphthalene
Concen: 58.96 ng
RT: 8.98 min Scan# 708
Delta R.T. 0.00 min
Lab File: BF077331.D
Acq: 17 Feb 2015 23:49

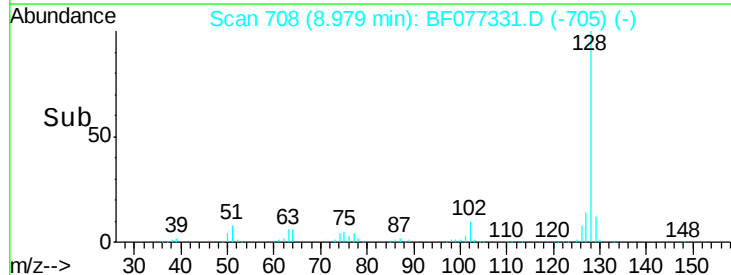
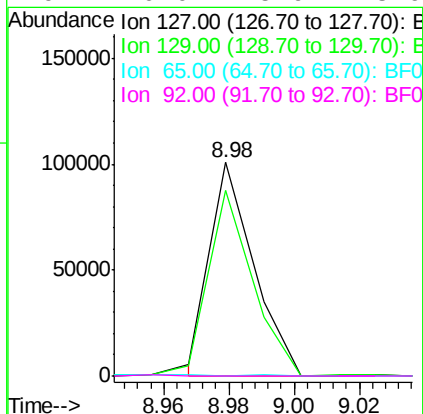
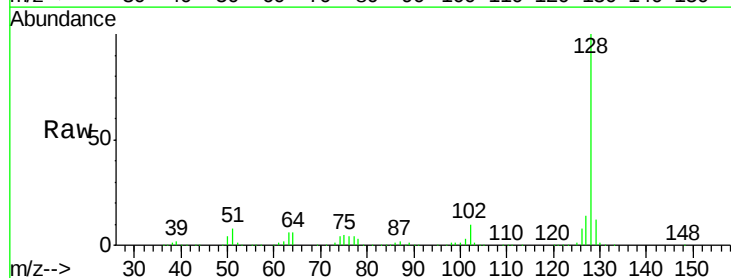
Instrument :
BNA_F
ClientSampleId :
COMP1

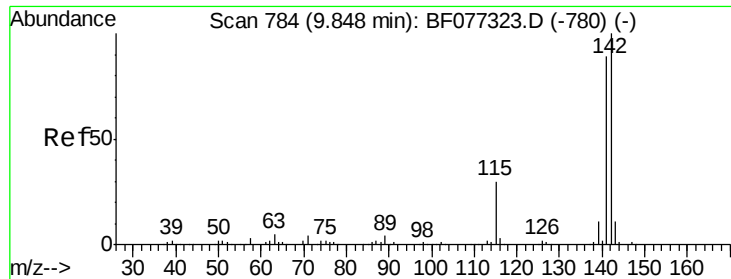
Tgt Ion:128 Resp: 725292
Ion Ratio Lower Upper
128 100
129 11.8 9.5 14.3
127 13.6 10.5 15.7



#33
4-Chloroaniline
Concen: 17.70 ng
RT: 8.98 min Scan# 708
Delta R.T. -0.07 min
Lab File: BF077331.D
Acq: 17 Feb 2015 23:49

Tgt Ion:127 Resp: 93048
Ion Ratio Lower Upper
127 100
129 86.8 24.9 37.3#
65 0.0 26.4 39.6#
92 0.0 15.9 23.9#





#37

2-Methylnaphthalene

Concen: 18.25 ng

RT: 9.84 min Scan# 783

Delta R.T. -0.01 min

Lab File: BF077331.D

Acq: 17 Feb 2015 23:49

Instrument :

BNA_F

ClientSampleId :

COMP1

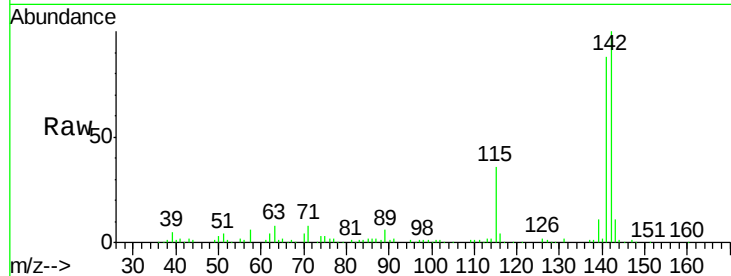
Tgt Ion:142 Resp: 161464

Ion Ratio Lower Upper

142 100

141 87.9 71.2 106.8

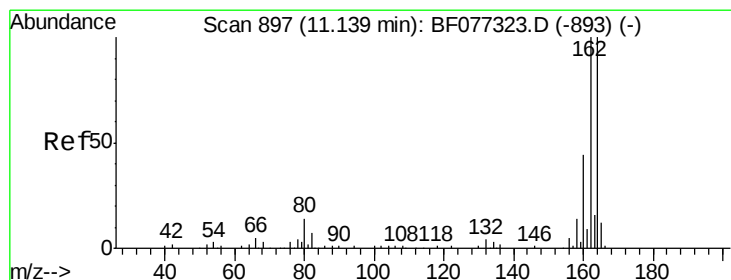
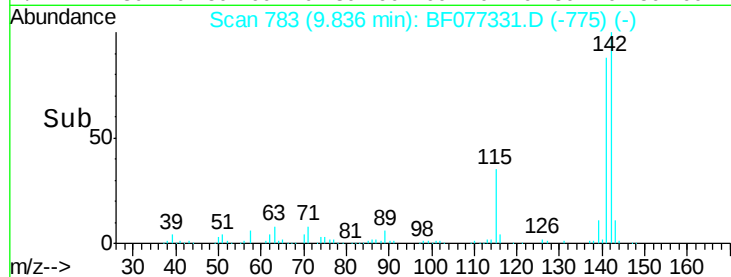
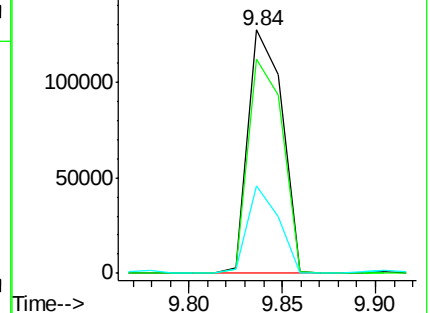
115 35.8 23.8 35.8#



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: BF077331.D

Acq: 17 Feb 2015 23:49

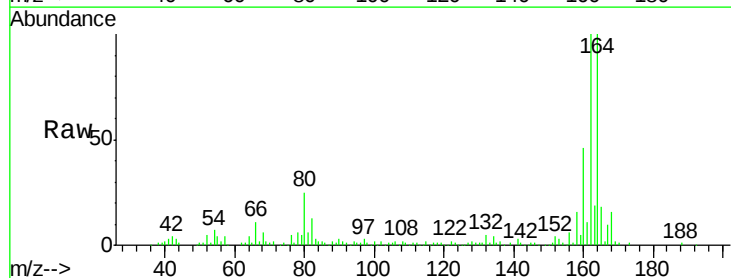
Tgt Ion:164 Resp: 119334

Ion Ratio Lower Upper

164 100

162 100.3 80.4 120.6

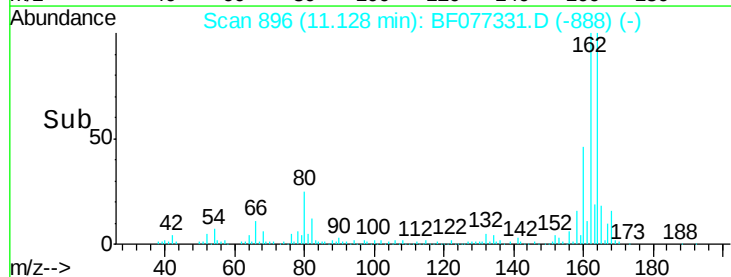
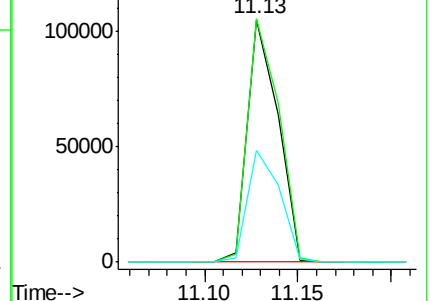
160 46.0 35.3 52.9

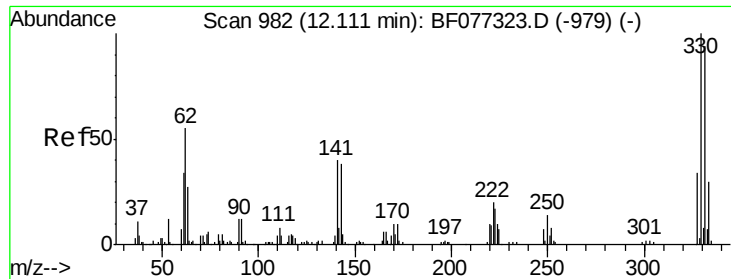


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

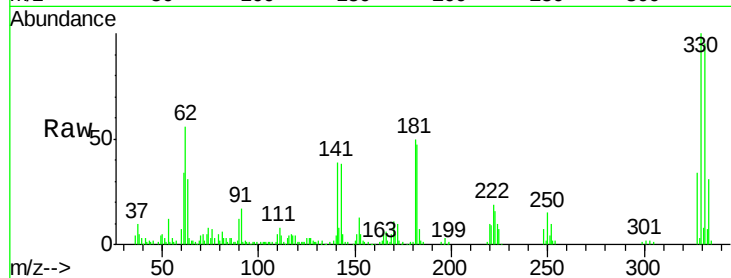




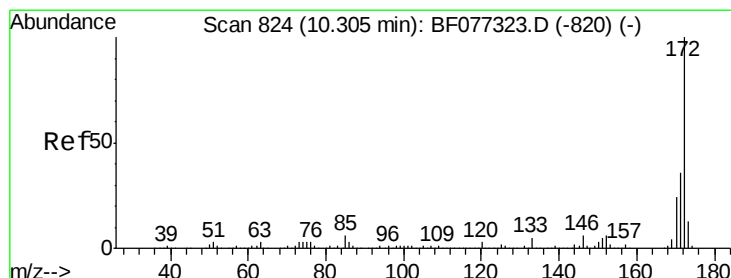
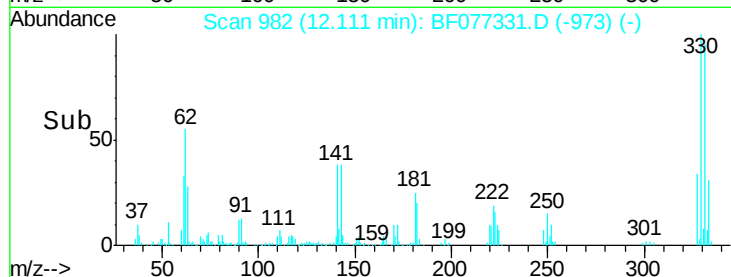
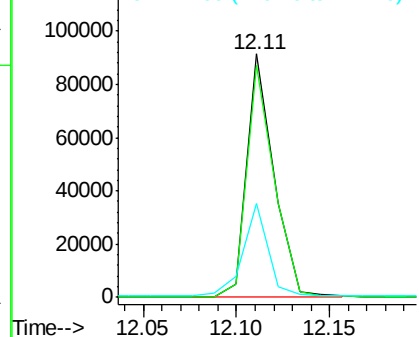
#41
 2,4,6-Tribromophenol
 Concen: 83.96 ng
 RT: 12.11 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: BF077331.D
 Acq: 17 Feb 2015 23:49

Instrument :
 BNA_F
 ClientSampleId :
 COMP1

Tgt Ion:330 Resp: 92820
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.1 114.1
 141 35.7 28.5 42.7

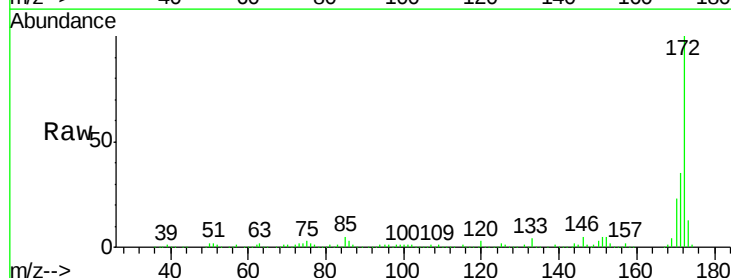


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

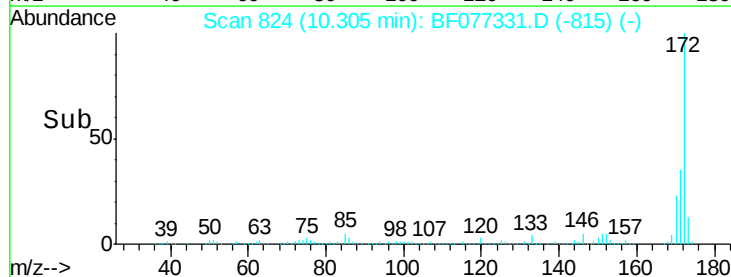
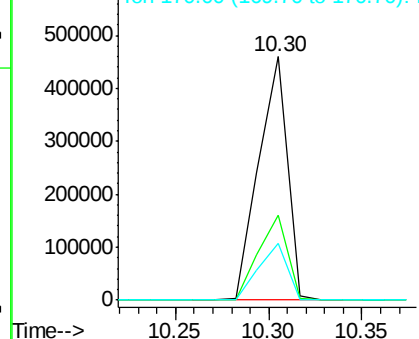


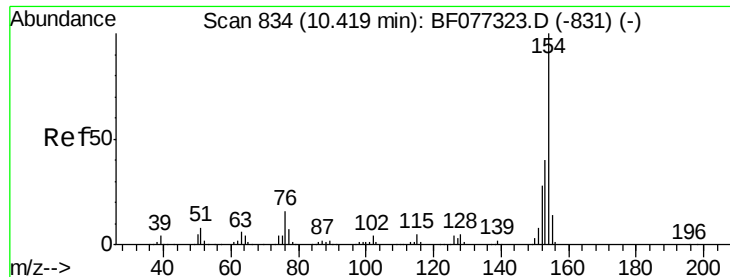
#44
 2-Fluorobiphenyl
 Concen: 61.36 ng
 RT: 10.30 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: BF077331.D
 Acq: 17 Feb 2015 23:49

Tgt Ion:172 Resp: 485747
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.9 43.3
 170 23.4 19.4 29.2



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

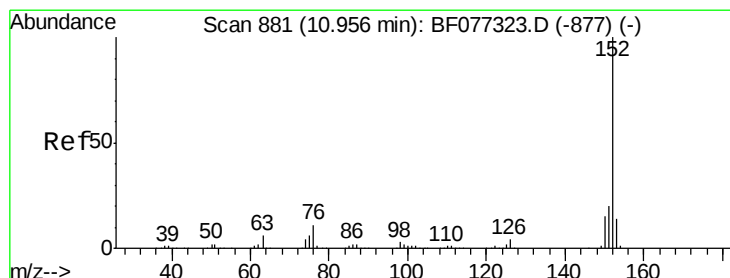
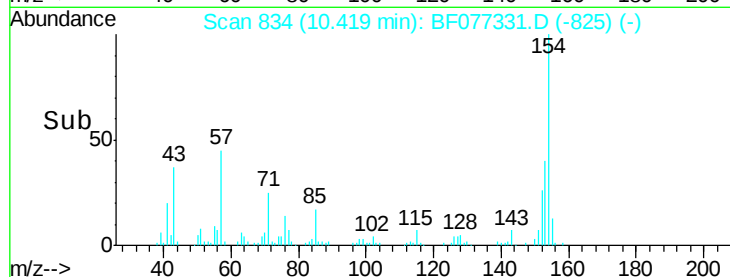
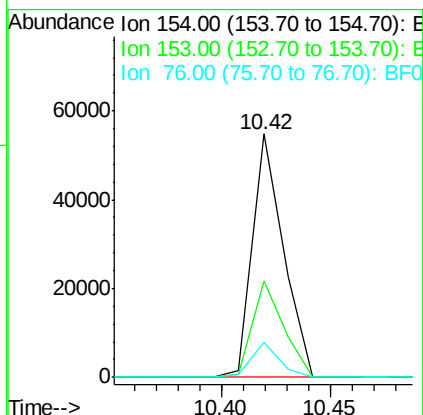
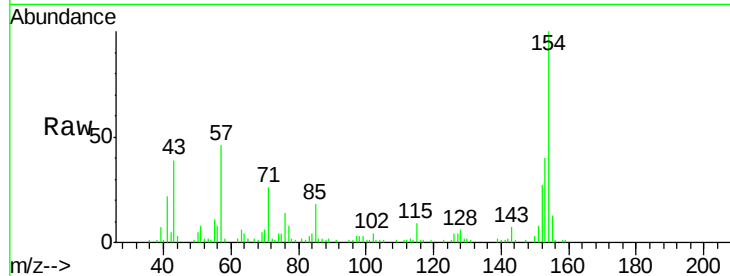




#45
 1,1'-Biphenyl
 Concen: 5.69 ng
 RT: 10.42 min Scan# 834
 Delta R.T. 0.00 min
 Lab File: BF077331.D
 Acq: 17 Feb 2015 23:49

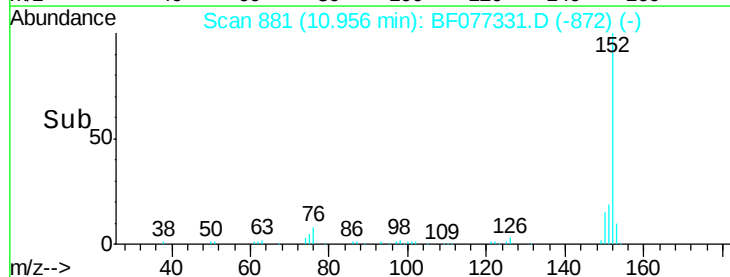
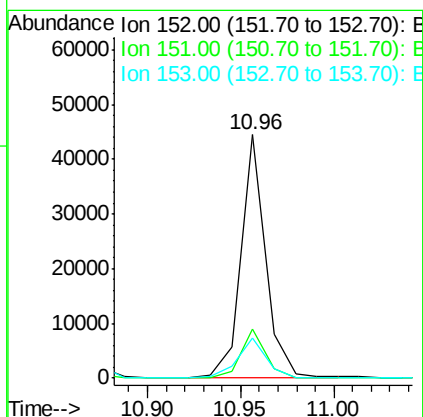
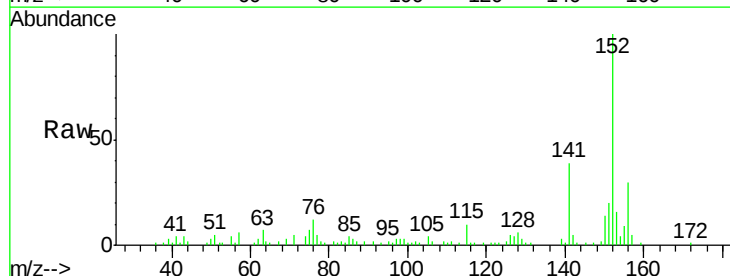
Instrument :
 BNA_F
 ClientSampleId :
 COMP1

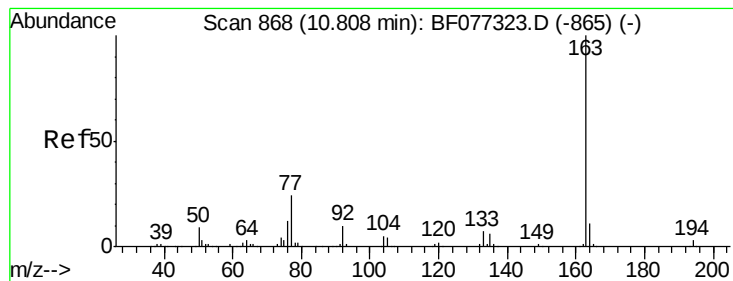
Tgt Ion:154 Resp: 54179
 Ion Ratio Lower Upper
 154 100
 153 39.8 20.5 60.5
 76 14.4 0.0 35.9



#48
 Acenaphthylene
 Concen: 3.54 ng
 RT: 10.96 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BF077331.D
 Acq: 17 Feb 2015 23:49

Tgt Ion:152 Resp: 41276
 Ion Ratio Lower Upper
 152 100
 151 20.3 16.3 24.5
 153 16.3 10.9 16.3





#49

Dimethylphthalate

Concen: 3.31 ng

RT: 10.81 min Scan# 868

Delta R.T. 0.00 min

Lab File: BF077331.D

Acq: 17 Feb 2015 23:49

Instrument :

BNA_F

ClientSampleId :

COMP1

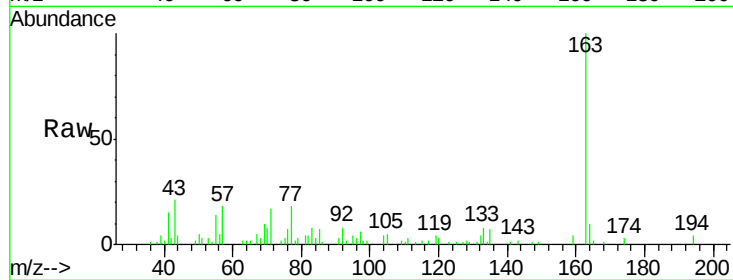
Tgt Ion:163 Resp: 27205

Ion Ratio Lower Upper

163 100

194 3.9 2.6 3.8#

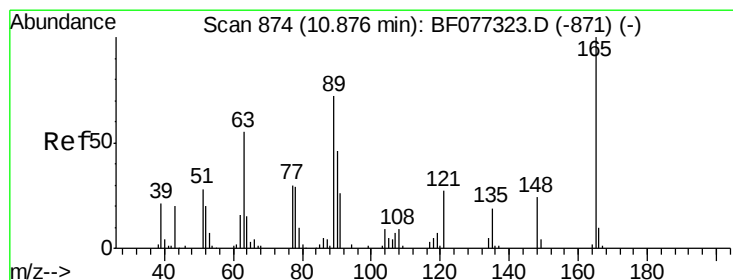
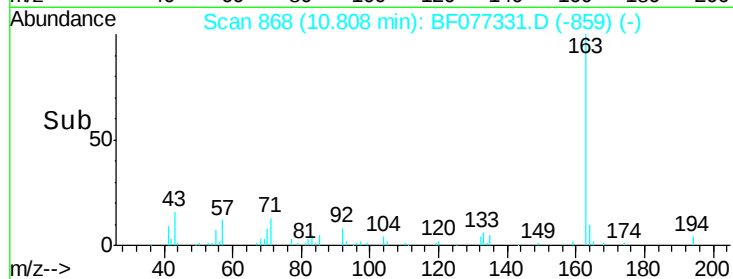
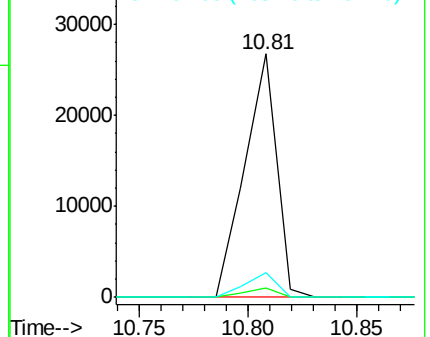
164 10.3 8.4 12.6



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



#50

2,6-Dinitrotoluene

Concen: 2.04 ng

RT: 10.81 min Scan# 868

Delta R.T. -0.07 min

Lab File: BF077331.D

Acq: 17 Feb 2015 23:49

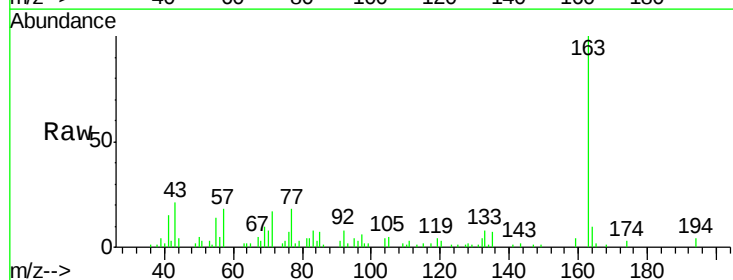
Tgt Ion:165 Resp: 490

Ion Ratio Lower Upper

165 100

63 101.9 57.2 85.8#

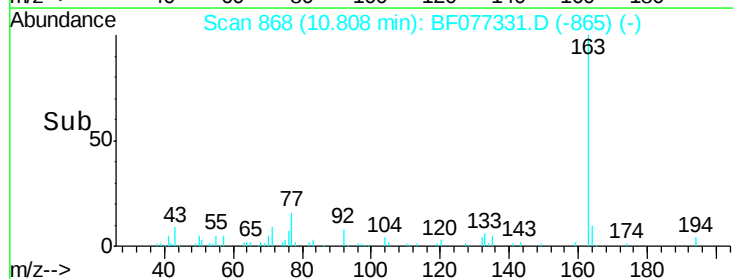
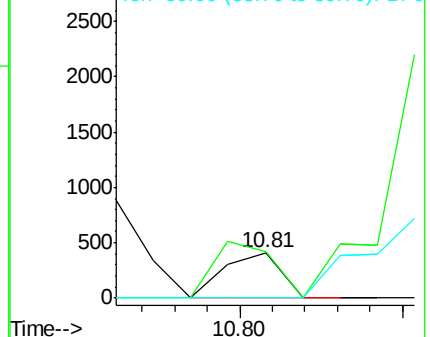
89 0.0 57.8 86.6#

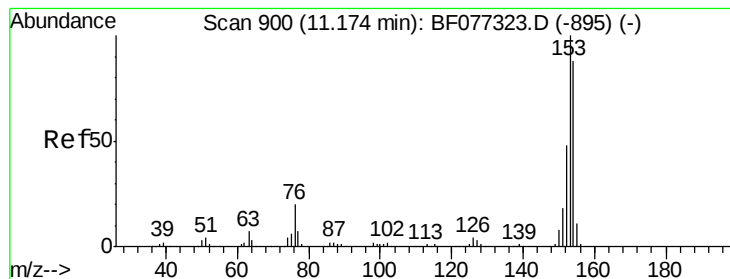


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 29.34 ng

RT: 11.17 min Scan# 900

Delta R.T. 0.00 min

Lab File: BF077331.D

Acq: 17 Feb 2015 23:49

Instrument :

BNA_F

ClientSampleId :

COMP1

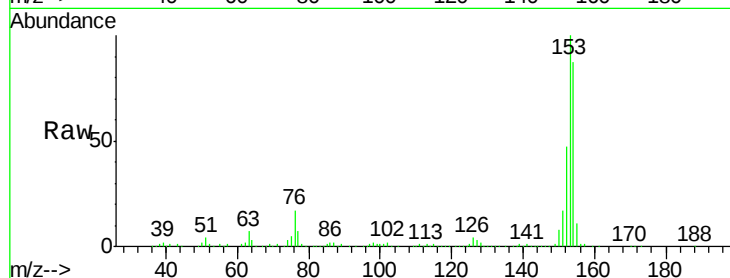
Tgt Ion:154 Resp: 202945

Ion Ratio Lower Upper

154 100

153 114.4 90.9 136.3

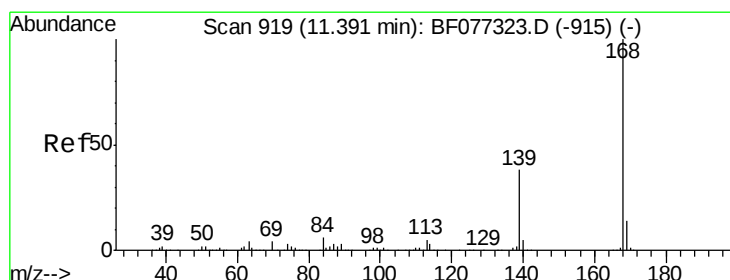
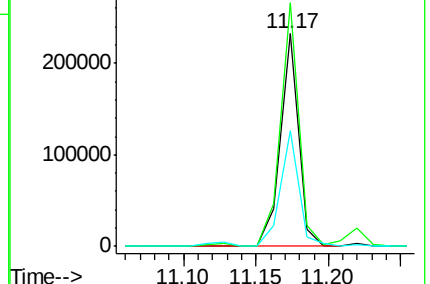
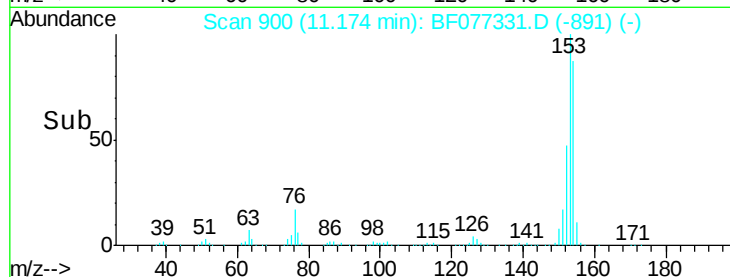
152 54.2 43.5 65.3



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: 21.51 ng

RT: 11.39 min Scan# 919

Delta R.T. 0.00 min

Lab File: BF077331.D

Acq: 17 Feb 2015 23:49

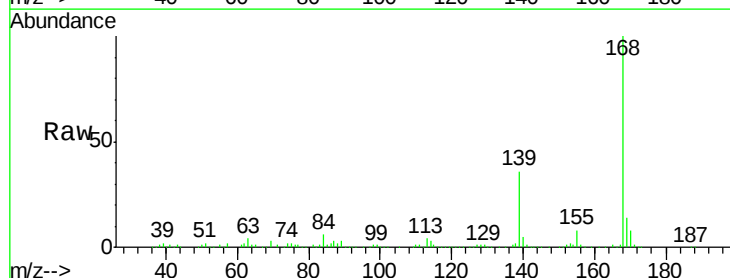
Tgt Ion:168 Resp: 225706

Ion Ratio Lower Upper

168 100

139 36.0 30.6 45.8

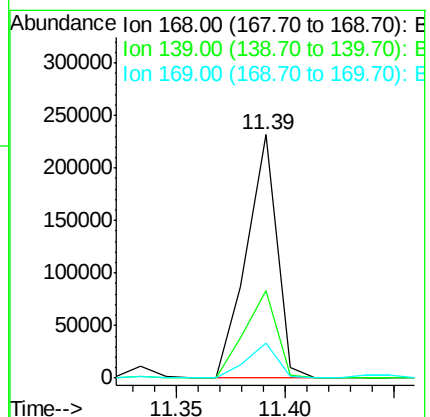
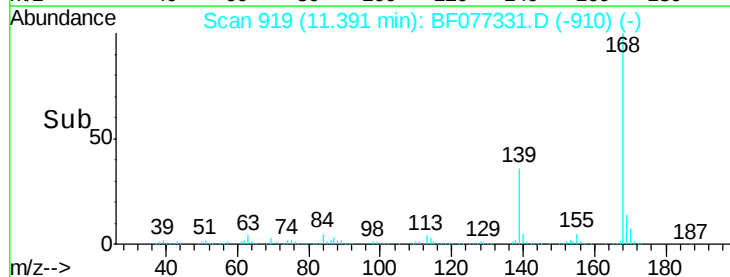
169 14.2 11.0 16.4

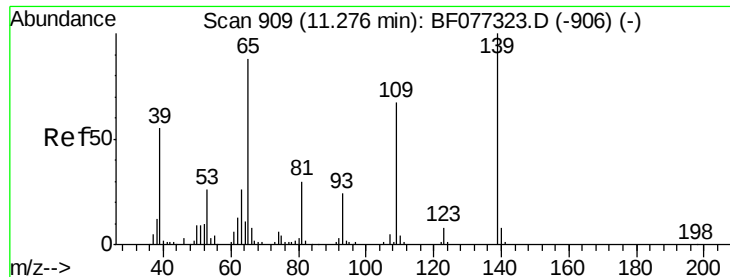


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

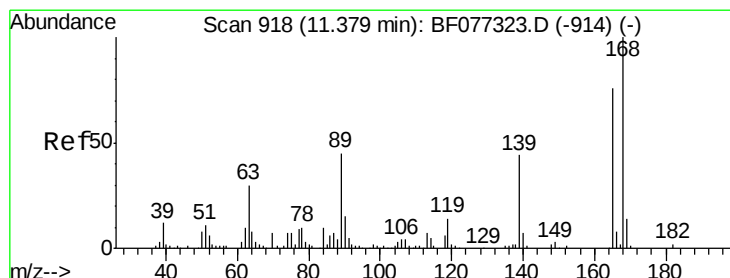
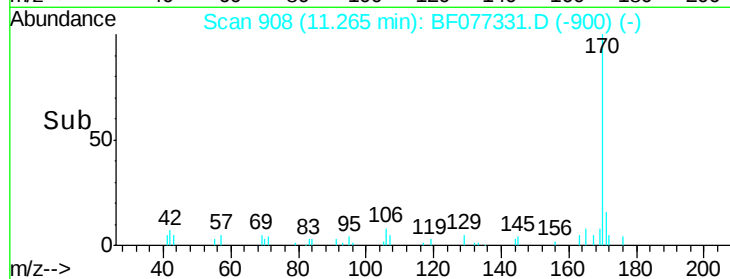
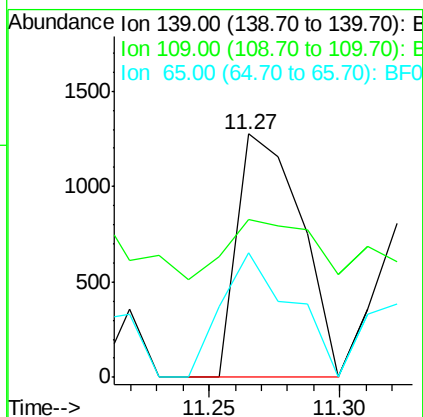
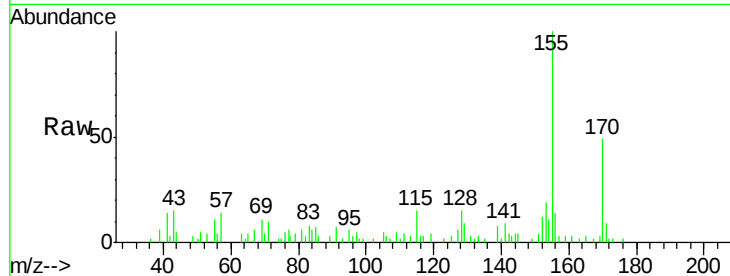




#55
4-Nitrophenol
Concen: 2.38 ng
RT: 11.27 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF077331.D
Acq: 17 Feb 2015 23:49

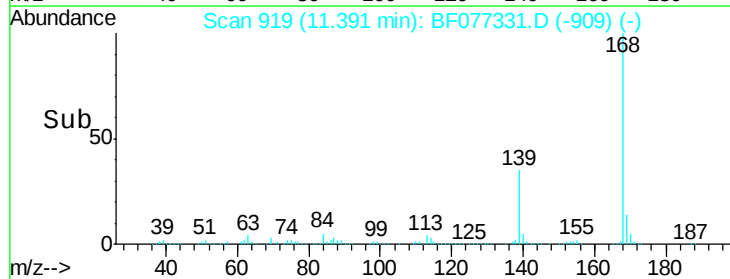
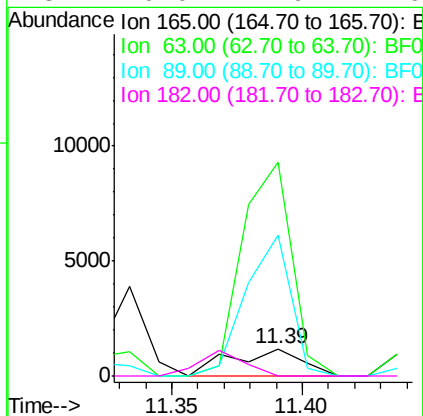
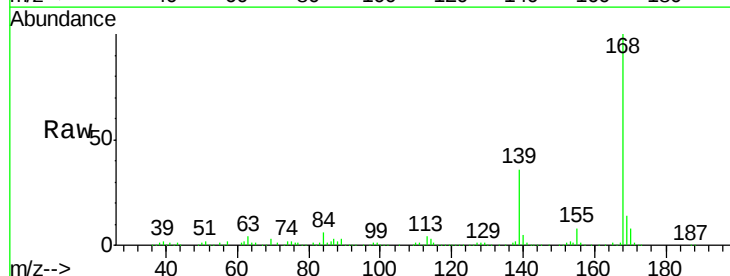
Instrument :
BNA_F
ClientSampleId :
COMP1

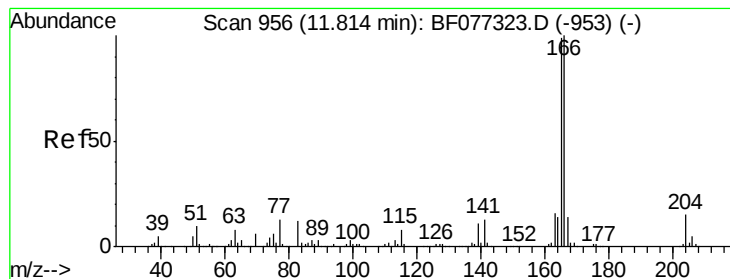
Tgt Ion:139 Resp: 2187
Ion Ratio Lower Upper
139 100
109 64.8 47.5 87.5
65 51.0 67.8 107.8#



#56
2,4-Dinitrotoluene
Concen: 4.10 ng
RT: 11.39 min Scan# 919
Delta R.T. 0.01 min
Lab File: BF077331.D
Acq: 17 Feb 2015 23:49

Tgt Ion:165 Resp: 2271
Ion Ratio Lower Upper
165 100
63 793.6 31.6 47.4#
89 525.2 48.1 72.1#
182 0.0 1.9 2.9#





#57

Fluorene

Concen: 24.30 ng

RT: 11.81 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF077331.D

Acq: 17 Feb 2015 23:49

Instrument :

BNA_F

ClientSampleId :

COMP1

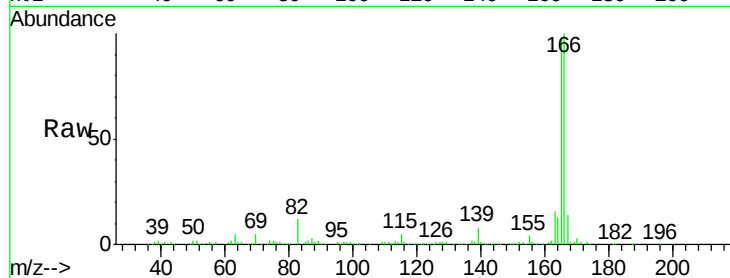
Tgt Ion:166 Resp: 200022

Ion Ratio Lower Upper

166 100

165 98.3 79.2 118.8

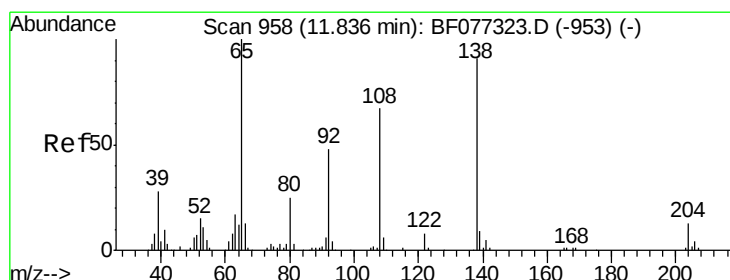
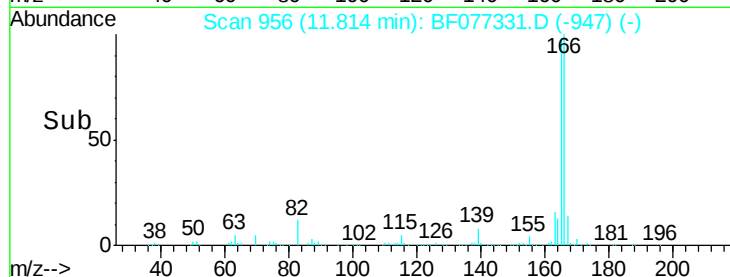
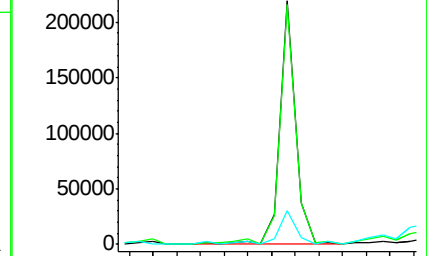
167 14.0 11.0 16.6



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: 3.12 ng

RT: 11.81 min Scan# 956

Delta R.T. -0.02 min

Lab File: BF077331.D

Acq: 17 Feb 2015 23:49

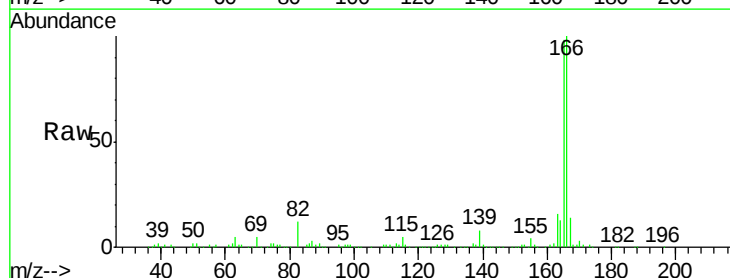
Tgt Ion:138 Resp: 2655

Ion Ratio Lower Upper

138 100

92 0.0 32.7 72.7#

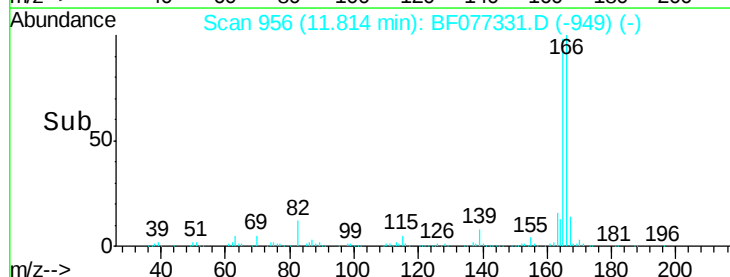
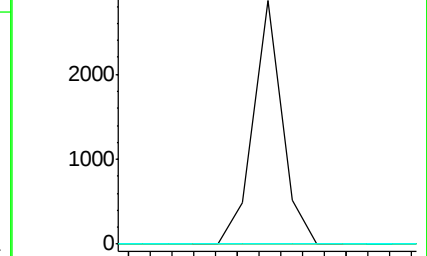
108 0.0 53.9 93.9#

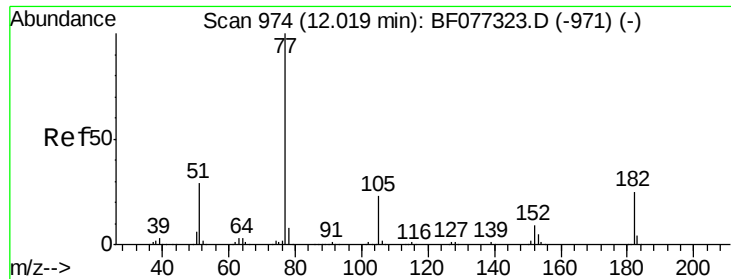


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 3.66 ng

RT: 12.03 min Scan# 975

Delta R.T. 0.01 min

Lab File: BF077331.D

Acq: 17 Feb 2015 23:49

Instrument :

BNA_F

ClientSampleId :

COMP1

Tgt Ion: 77 Resp: 30989

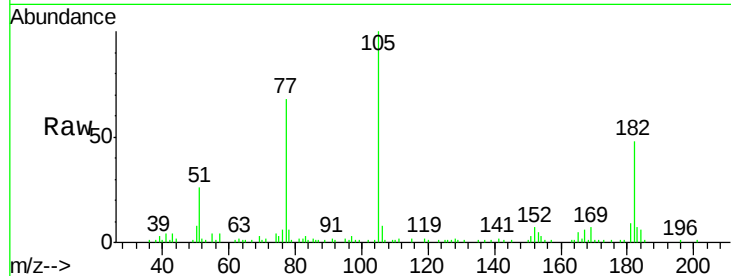
Ion Ratio Lower Upper

77 100

182 71.0 5.0 45.0#

105 147.7 3.3 43.3#

51 38.3 9.1 49.1

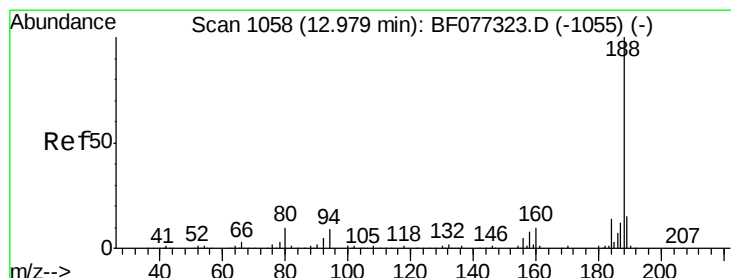
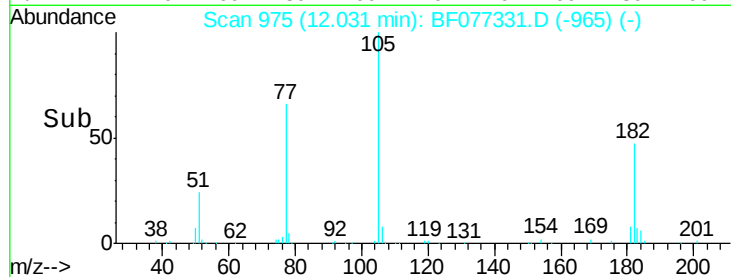
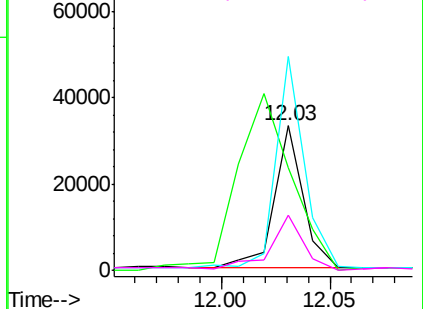


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.98 min Scan# 1058

Delta R.T. 0.00 min

Lab File: BF077331.D

Acq: 17 Feb 2015 23:49

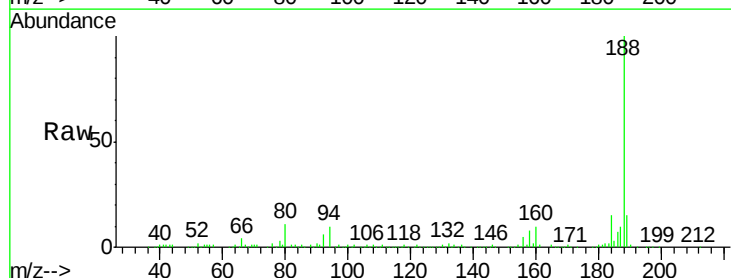
Tgt Ion: 188 Resp: 235741

Ion Ratio Lower Upper

188 100

94 10.2 7.2 10.8

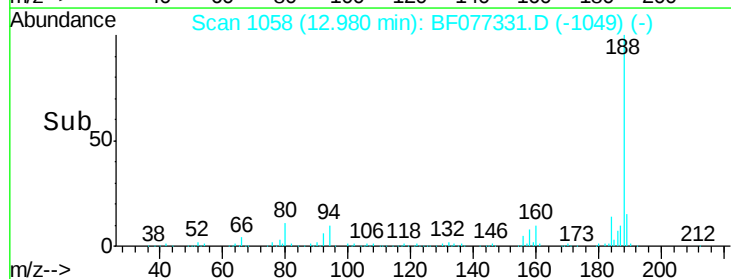
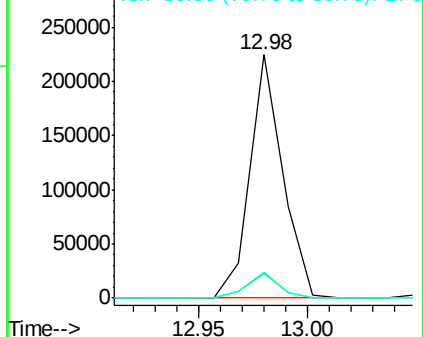
80 10.9 7.8 11.8

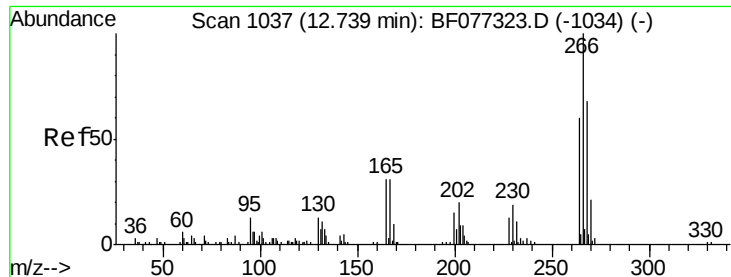


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

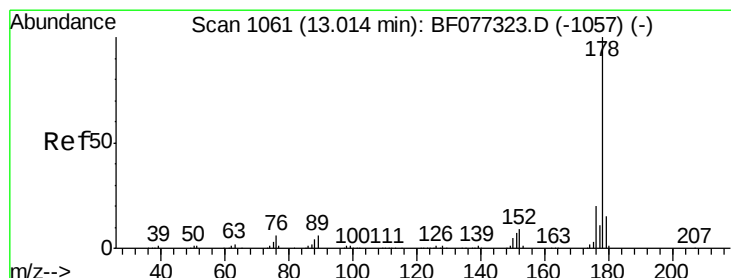
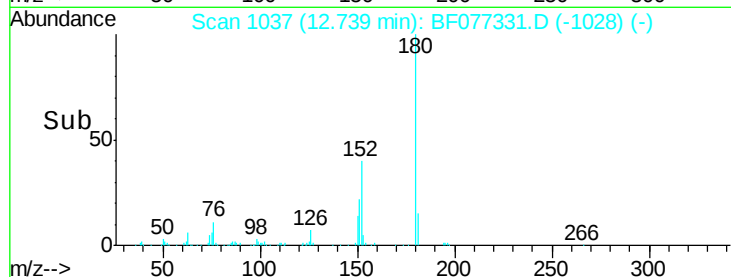
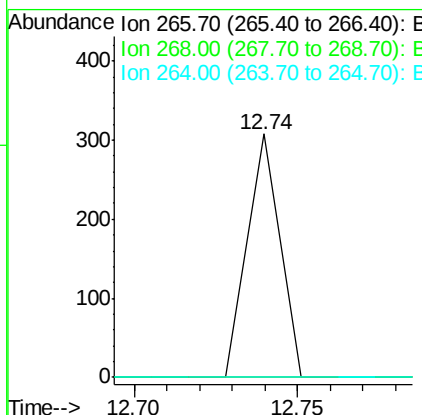
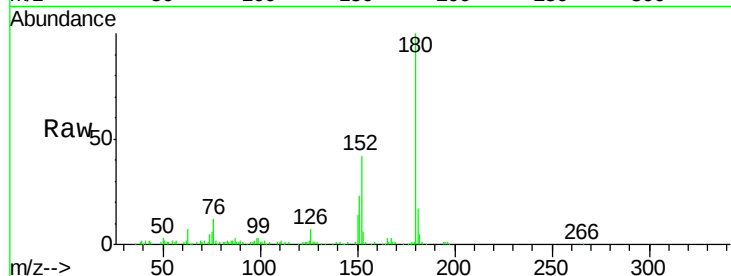




#69
 Pentachlorophenol
 Concen: 3.18 ng
 RT: 12.74 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: BF077331.D
 Acq: 17 Feb 2015 23:49

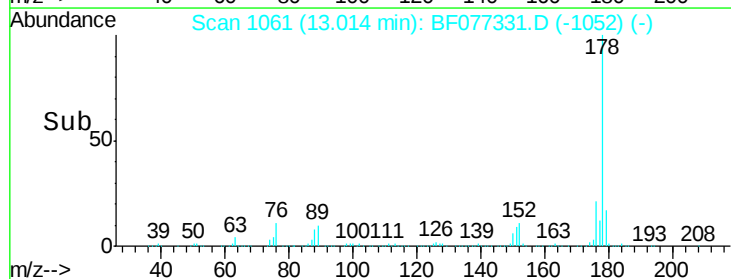
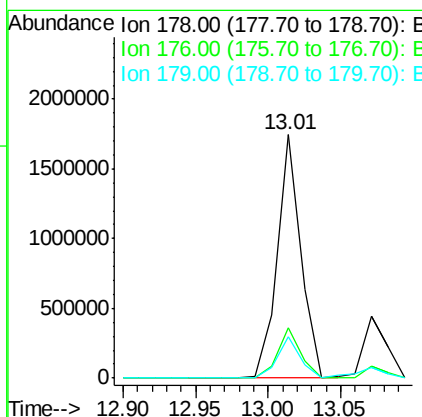
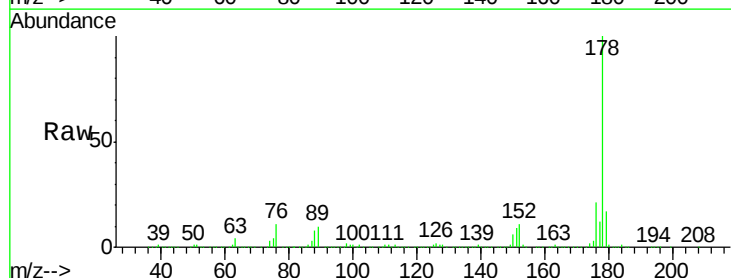
Instrument :
 BNA_F
 ClientSampleId :
 COMP1

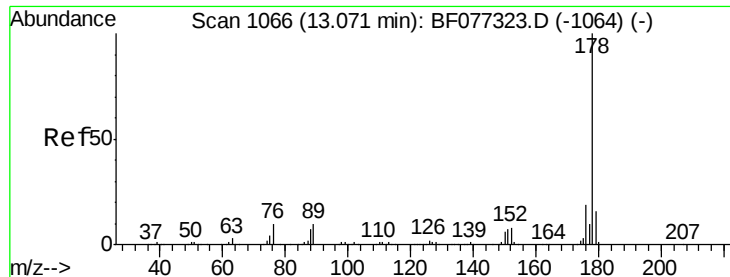
Tgt Ion: 266 Resp: 211
 Ion Ratio Lower Upper
 266 100
 268 0.0 54.0 81.0#
 264 0.0 48.2 72.2#



#70
 Phenanthrene
 Concen: 143.09 ng
 RT: 13.01 min Scan# 1061
 Delta R.T. 0.00 min
 Lab File: BF077331.D
 Acq: 17 Feb 2015 23:49

Tgt Ion: 178 Resp: 1960176
 Ion Ratio Lower Upper
 178 100
 176 20.9 15.6 23.4
 179 17.0 12.3 18.5

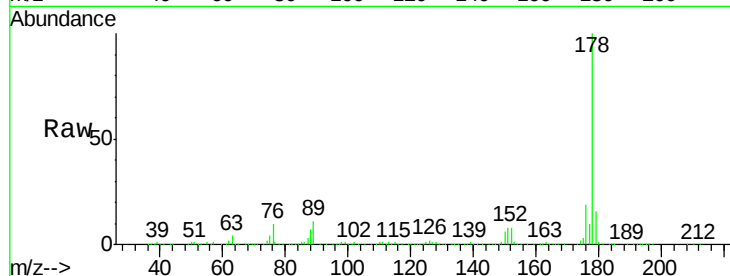




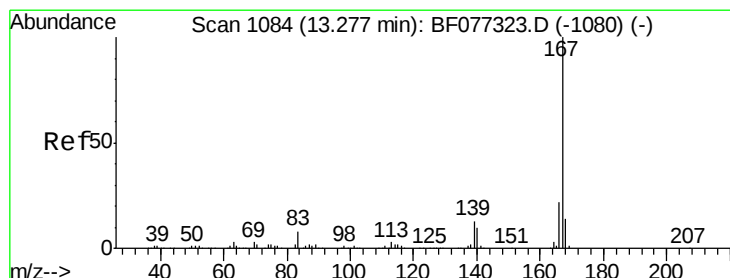
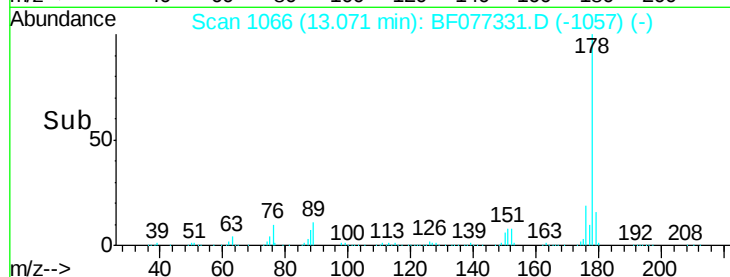
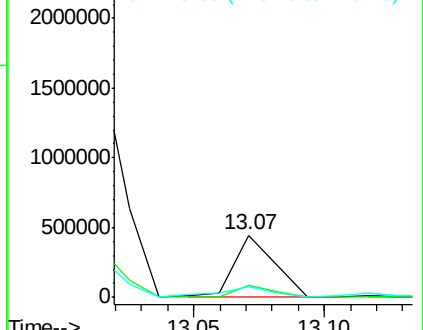
#71
 Anthracene
 Concen: 34.85 ng
 RT: 13.07 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: BF077331.D
 Acq: 17 Feb 2015 23:49

Instrument :
 BNA_F
 ClientSampleId :
 COMP1

Tgt Ion:178 Resp: 474644
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.3 22.9
 179 16.3 12.8 19.2

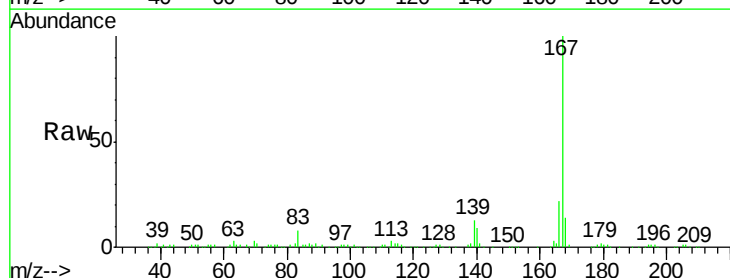


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

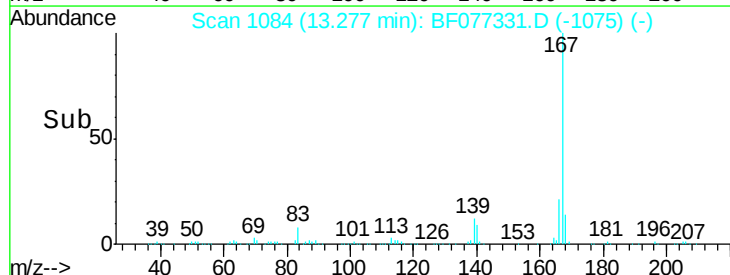
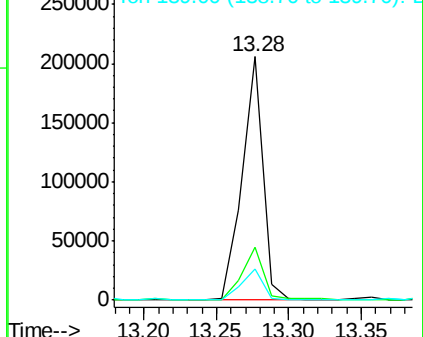


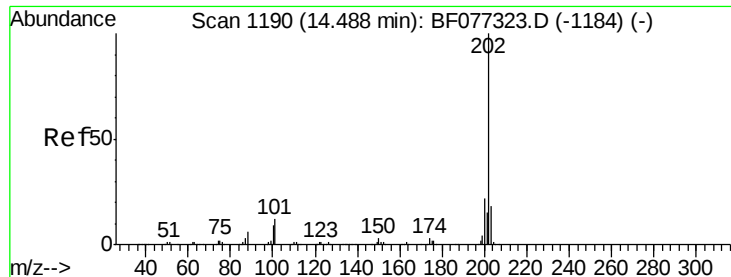
#72
 Carbazole
 Concen: 16.98 ng
 RT: 13.28 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: BF077331.D
 Acq: 17 Feb 2015 23:49

Tgt Ion:167 Resp: 203363
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.4 26.2
 139 12.7 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: 126.63 ng

RT: 14.50 min Scan# 1191

Delta R.T. 0.01 min

Lab File: BF077331.D

Acq: 17 Feb 2015 23:49

Instrument :

BNA_F

ClientSampleId :

COMP1

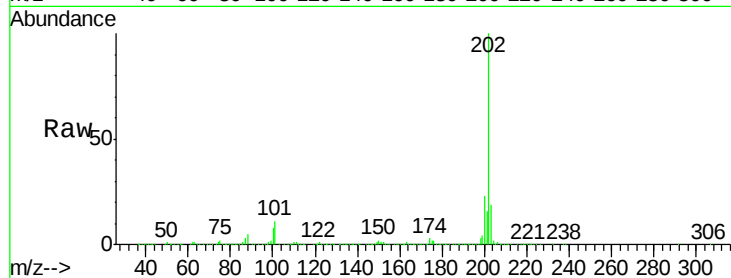
Tgt Ion:202 Resp: 1751476

Ion Ratio Lower Upper

202 100

101 10.6 0.0 32.4

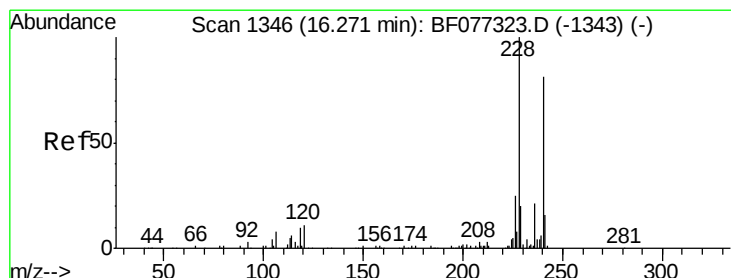
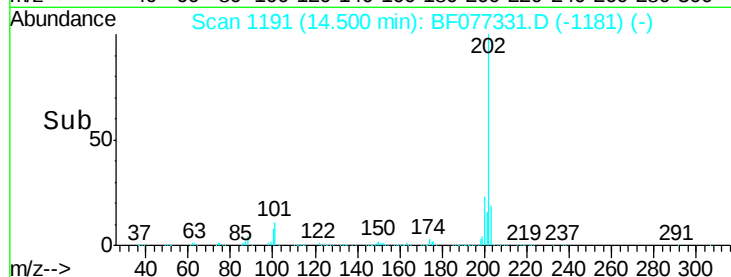
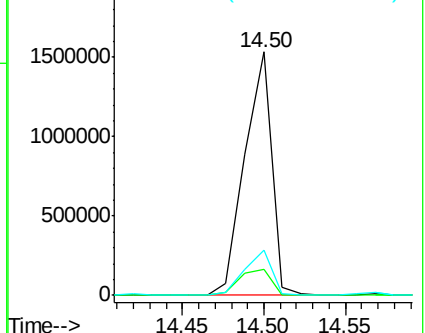
203 18.8 0.0 37.7



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: 16.28 min Scan# 1347

Delta R.T. 0.01 min

Lab File: BF077331.D

Acq: 17 Feb 2015 23:49

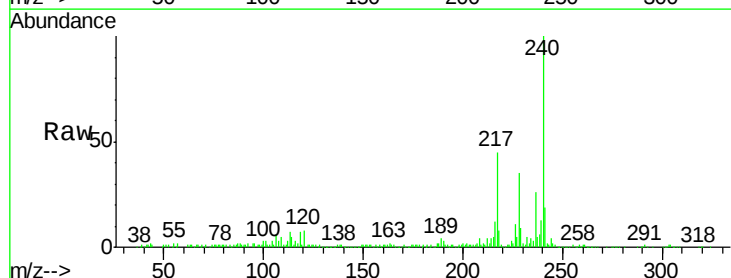
Tgt Ion:240 Resp: 230705

Ion Ratio Lower Upper

240 100

120 7.8 11.3 16.9#

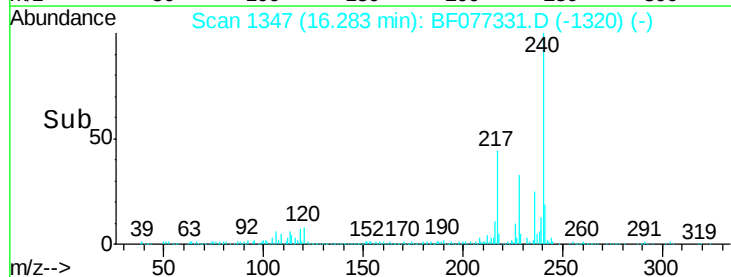
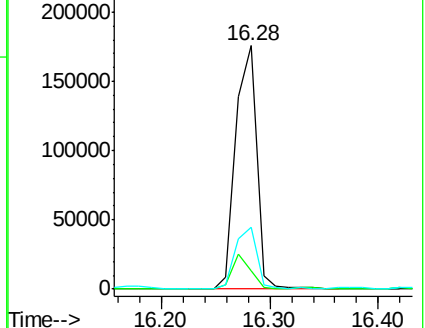
236 25.6 20.3 30.5

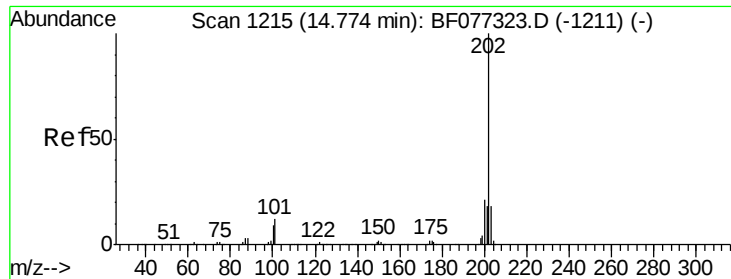


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



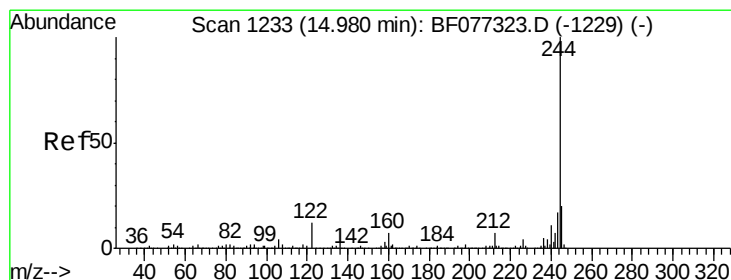
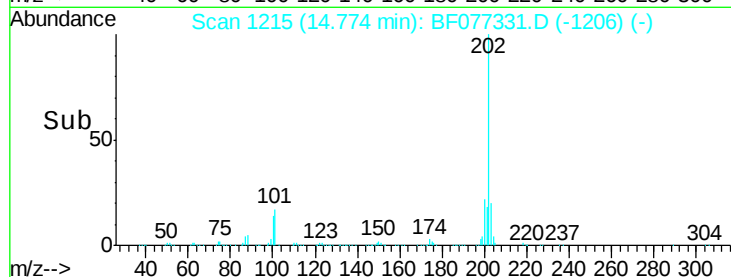
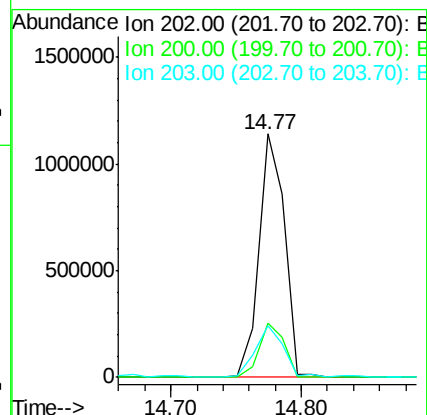
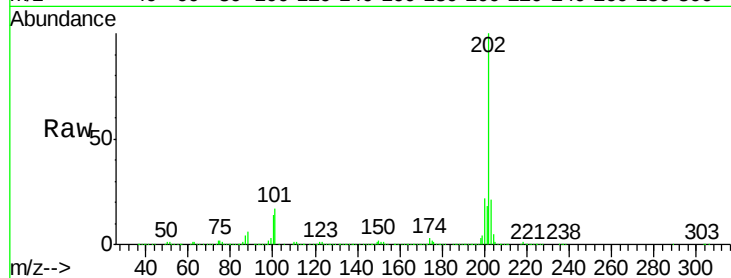


#77
 Pyrene
 Concen: 108.69 ng
 RT: 14.77 min Scan# 1215
 Delta R.T. 0.00 min
 Lab File: BF077331.D
 Acq: 17 Feb 2015 23:49

Instrument :
 BNA_F
 ClientSampleId :
 COMP1

Tgt Ion:202 Resp: 1550062

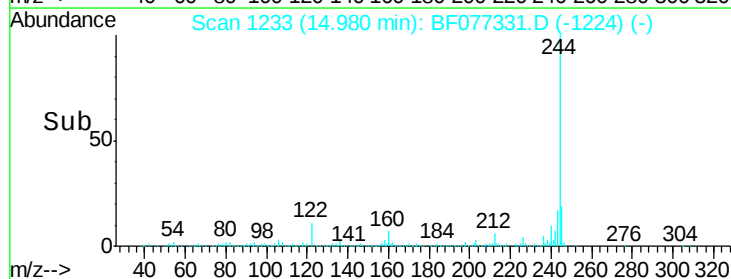
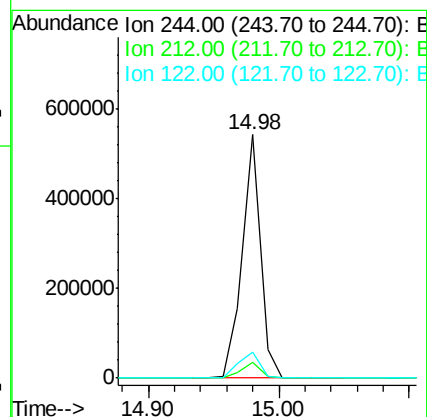
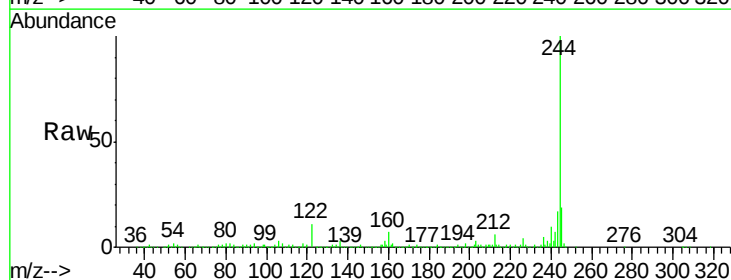
Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.0	25.4
203	21.0	14.2	21.4

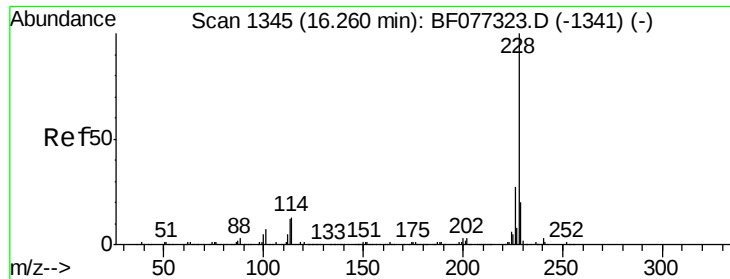


#78
 Terphenyl-d14
 Concen: 51.72 ng
 RT: 14.98 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: BF077331.D
 Acq: 17 Feb 2015 23:49

Tgt Ion:244 Resp: 524832

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.4	8.0
122	10.7	9.3	13.9





#80

Benzo(a)anthracene

Concen: 52.05 ng

RT: 16.27 min Scan# 1346

Delta R.T. 0.01 min

Lab File: BF077331.D

Acq: 17 Feb 2015 23:49

Instrument :

BNA_F

ClientSampleId :

COMP1

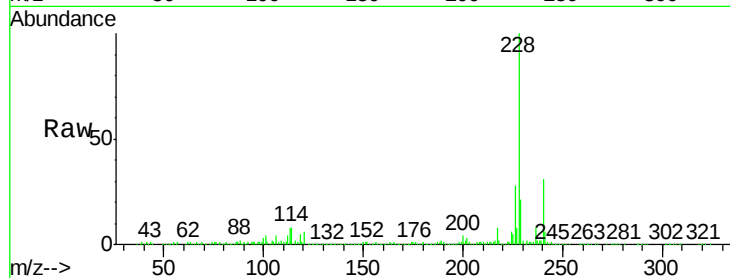
Tgt Ion:228 Resp: 699326

Ion Ratio Lower Upper

228 100

226 27.6 21.9 32.9

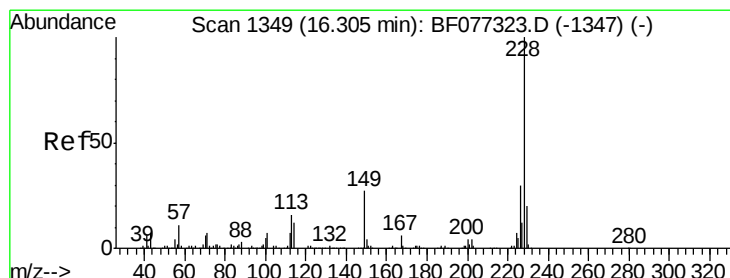
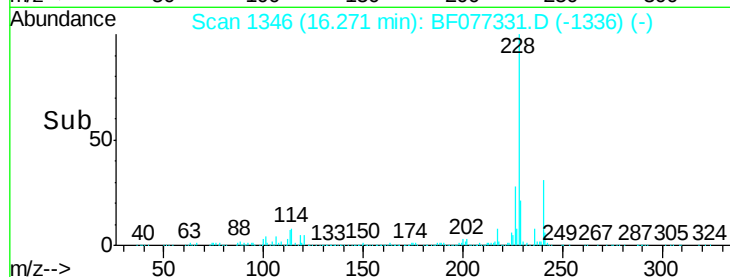
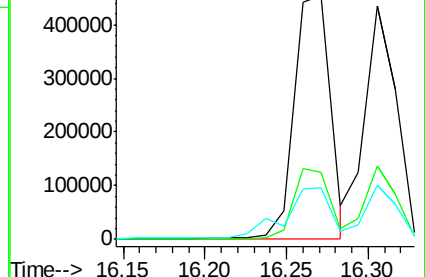
229 21.0 16.1 24.1



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: 45.91 ng

RT: 16.31 min Scan# 1349

Delta R.T. 0.00 min

Lab File: BF077331.D

Acq: 17 Feb 2015 23:49

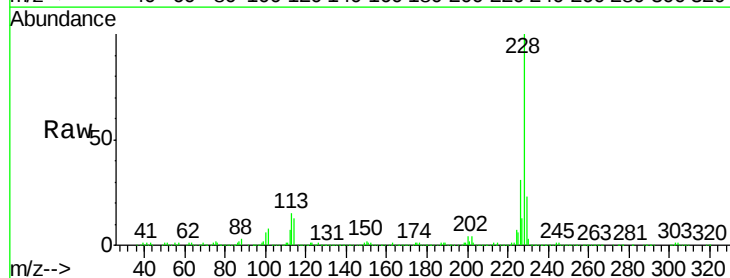
Tgt Ion:228 Resp: 583224

Ion Ratio Lower Upper

228 100

226 31.2 24.2 36.2

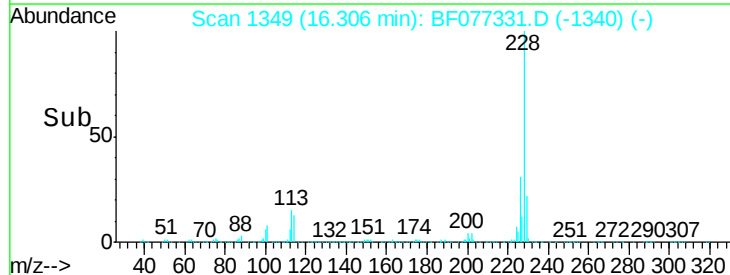
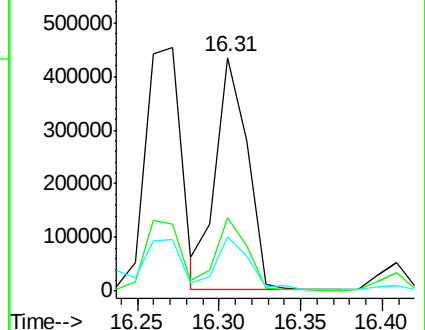
229 23.1 16.2 24.2

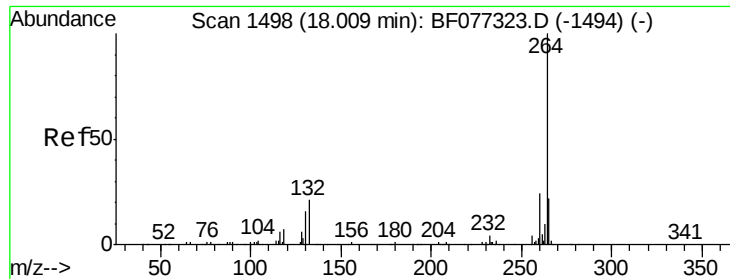


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

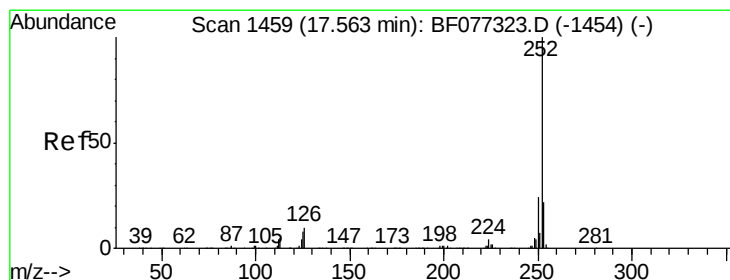
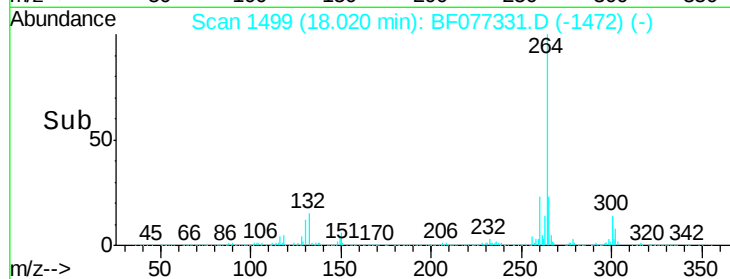
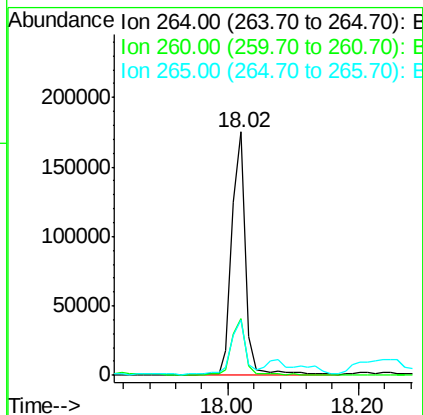
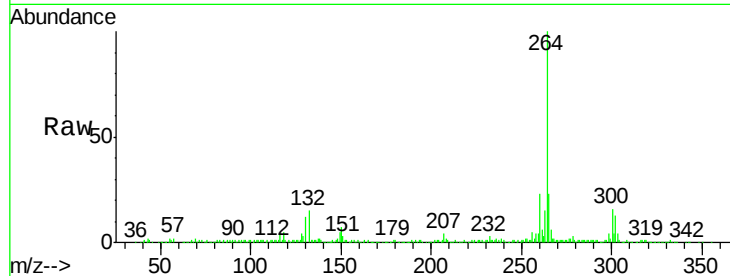




#86
Perylene-d12
Concen: 20.00 ng
RT: 18.02 min Scan# 1499
Delta R.T. 0.01 min
Lab File: BF077331.D
Acq: 17 Feb 2015 23:49

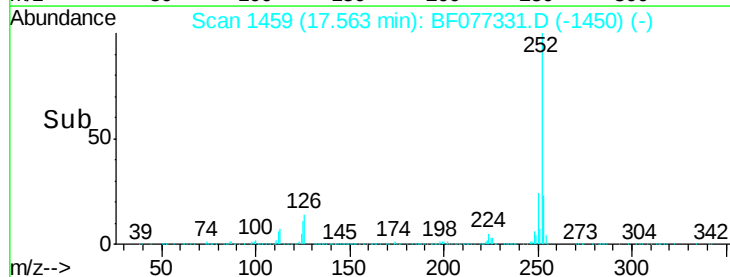
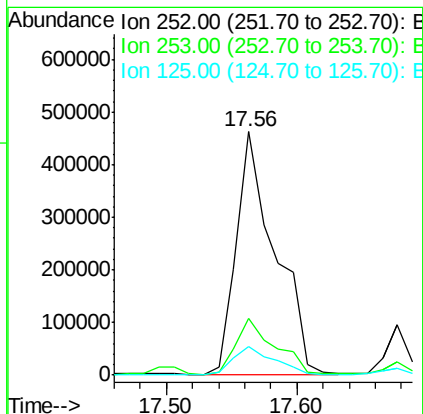
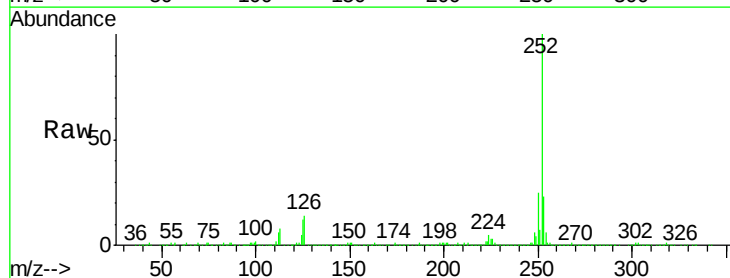
Instrument :
BNA_F
ClientSampleId :
COMP1

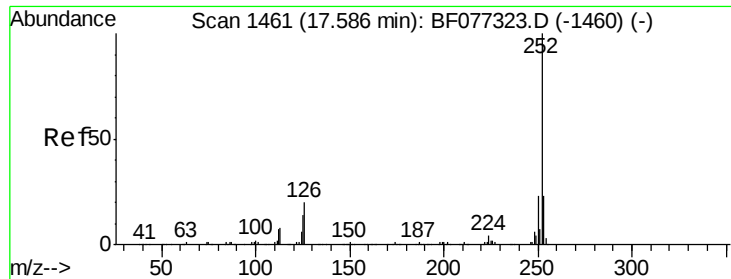
Tgt Ion:264 Resp: 250463
Ion Ratio Lower Upper
264 100
260 23.3 18.9 28.3
265 22.9 17.7 26.5



#87
Benzo(b)fluoranthene
Concen: 59.33 ng
RT: 17.56 min Scan# 1459
Delta R.T. 0.00 min
Lab File: BF077331.D
Acq: 17 Feb 2015 23:49

Tgt Ion:252 Resp: 955220
Ion Ratio Lower Upper
252 100
253 23.4 17.3 25.9
125 11.6 6.1 9.1#

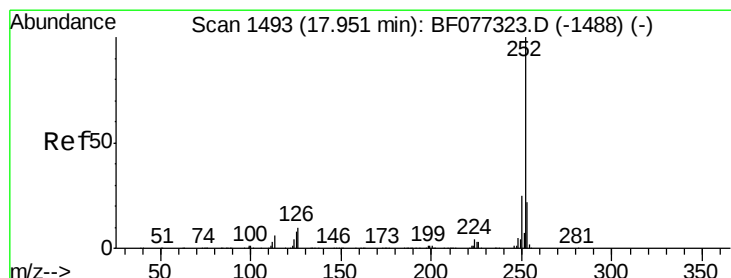
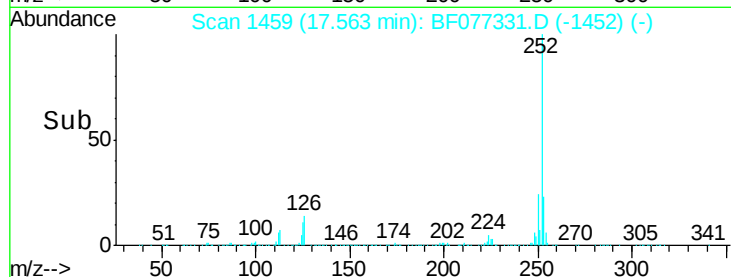
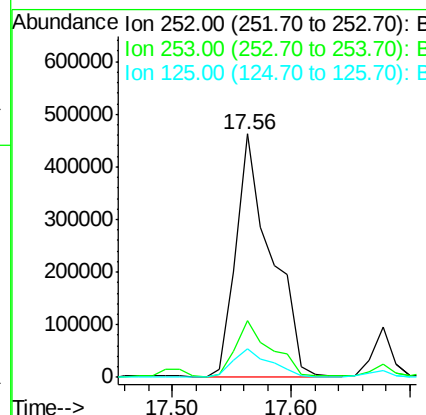
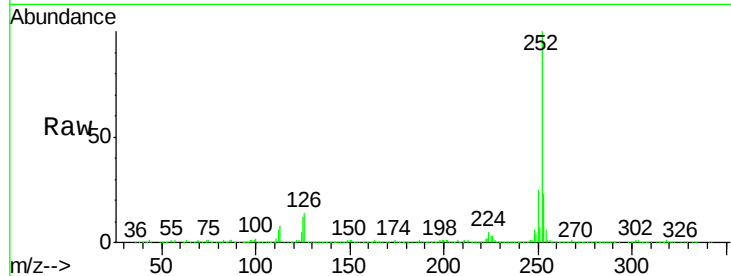




#88
Benzo(k)fluoranthene
Concen: 71.95 ng
RT: 17.56 min Scan# 1459
Delta R.T. -0.02 min
Lab File: BF077331.D
Acq: 17 Feb 2015 23:49

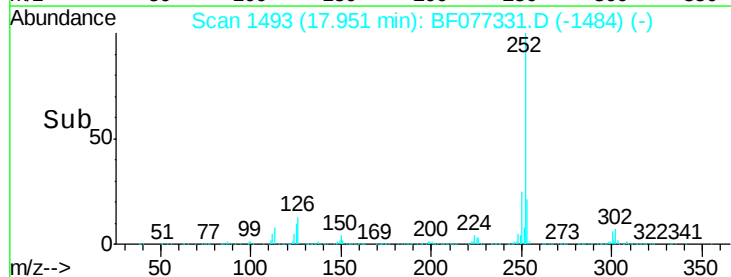
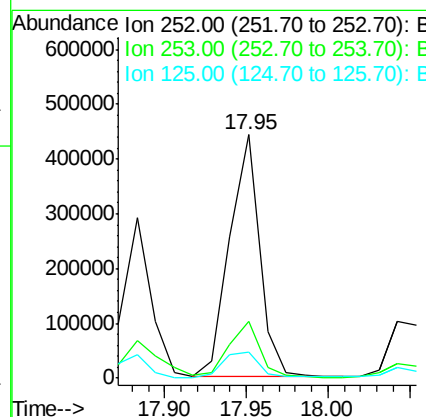
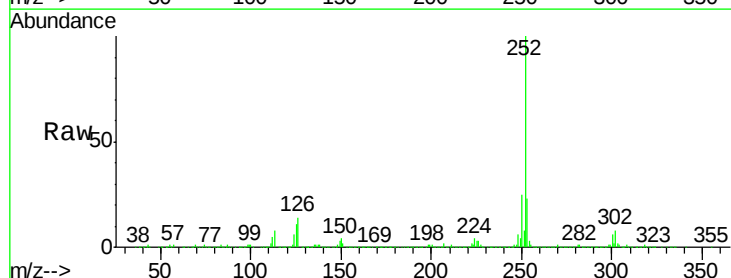
Instrument :
BNA_F
ClientSampleId :
COMP1

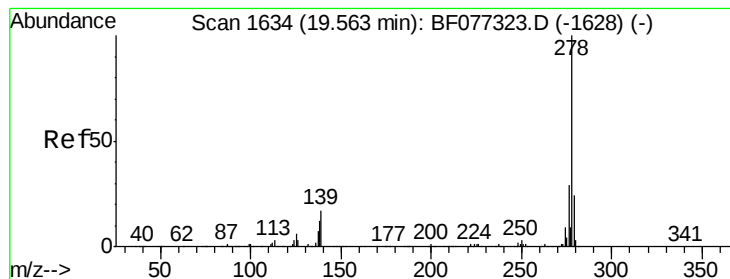
Tgt Ion:252 Resp: 956923
Ion Ratio Lower Upper
252 100
253 23.4 18.0 27.0
125 11.6 11.0 16.4



#89
Benzo(a)pyrene
Concen: 39.66 ng
RT: 17.95 min Scan# 1493
Delta R.T. 0.00 min
Lab File: BF077331.D
Acq: 17 Feb 2015 23:49

Tgt Ion:252 Resp: 555744
Ion Ratio Lower Upper
252 100
253 23.1 17.4 26.0
125 10.5 6.2 9.2#





#90

Dibenzo(a,h)anthracene

Concen: 5.64 ng

RT: 19.55 min Scan# 1633

Delta R.T. -0.01 min

Lab File: BF077331.D

Acq: 17 Feb 2015 23:49

Instrument :

BNA_F

ClientSampleId :

COMP1

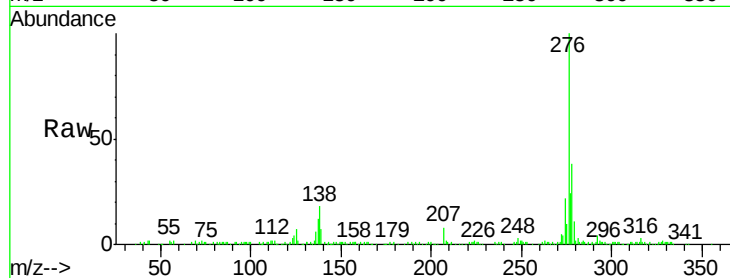
Tgt Ion: 278 Resp: 80469

Ion Ratio Lower Upper

278 100

139 19.0 13.4 20.2

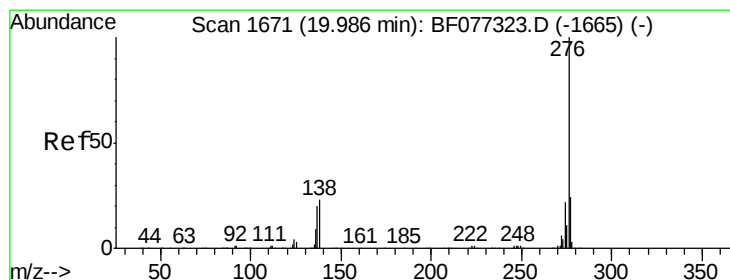
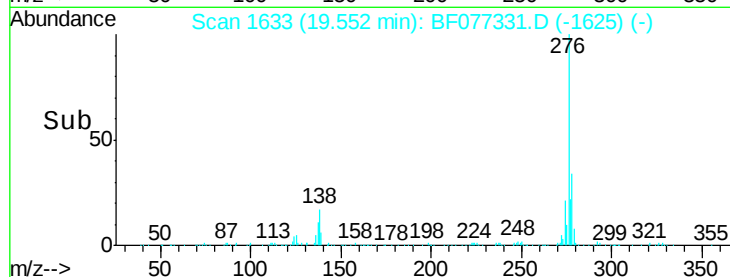
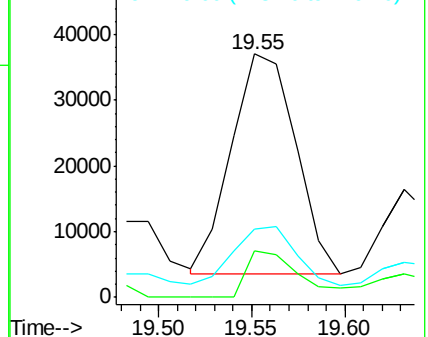
279 28.2 19.1 28.7



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: 25.62 ng

RT: 20.00 min Scan# 1672

Delta R.T. 0.01 min

Lab File: BF077331.D

Acq: 17 Feb 2015 23:49

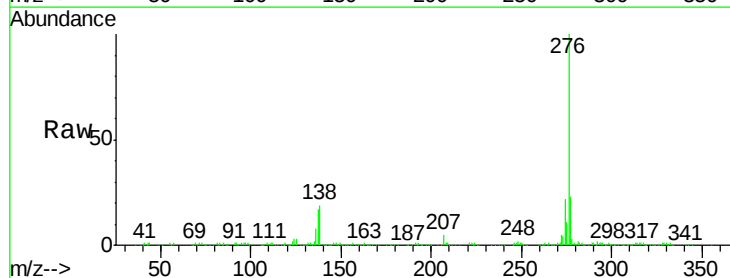
Tgt Ion: 276 Resp: 363327

Ion Ratio Lower Upper

276 100

277 23.4 19.0 28.6

138 19.4 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

