

Data Path : Y:\HPCHEM1\BNA F\DATA\BF060515\
 Data File : BF079751.D
 Acq On : 6 Jun 2015 3:04
 Operator : TP/IZ
 Sample : G2464-13 10X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-17AS

Quant Time: Jun 08 04:42:32 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 08 04:31:55 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	47671	20.00	ng	-0.01
21) Naphthalene-d8	8.79	136	191512	20.00	ng	0.00
38) Acenaphthene-d10	10.56	164	108944	20.00	ng	0.00
63) Phenanthrene-d10	12.07	188	219242	20.00	ng	0.00
75) Chrysene-d12	14.93	240	255129	20.00	ng	-0.09
86) Perylene-d12	16.81	264	244764	20.00	ng	-0.14

System Monitoring Compounds						
5) 2-Fluorophenol	6.10	112	30699	5.40	ng	0.00
7) Phenol-d6	7.07	99	38576	5.25	ng	-0.01
23) Nitrobenzene-d5	8.04	82	17543	2.81	ng	0.00
41) 2,4,6-Tribromophenol	11.35	330	7978	3.83	ng	-0.01
44) 2-Fluorobiphenyl	9.86	172	48363	3.01	ng	0.00
78) Terphenyl-d14	13.70	244	67960	3.05	ng	-0.05

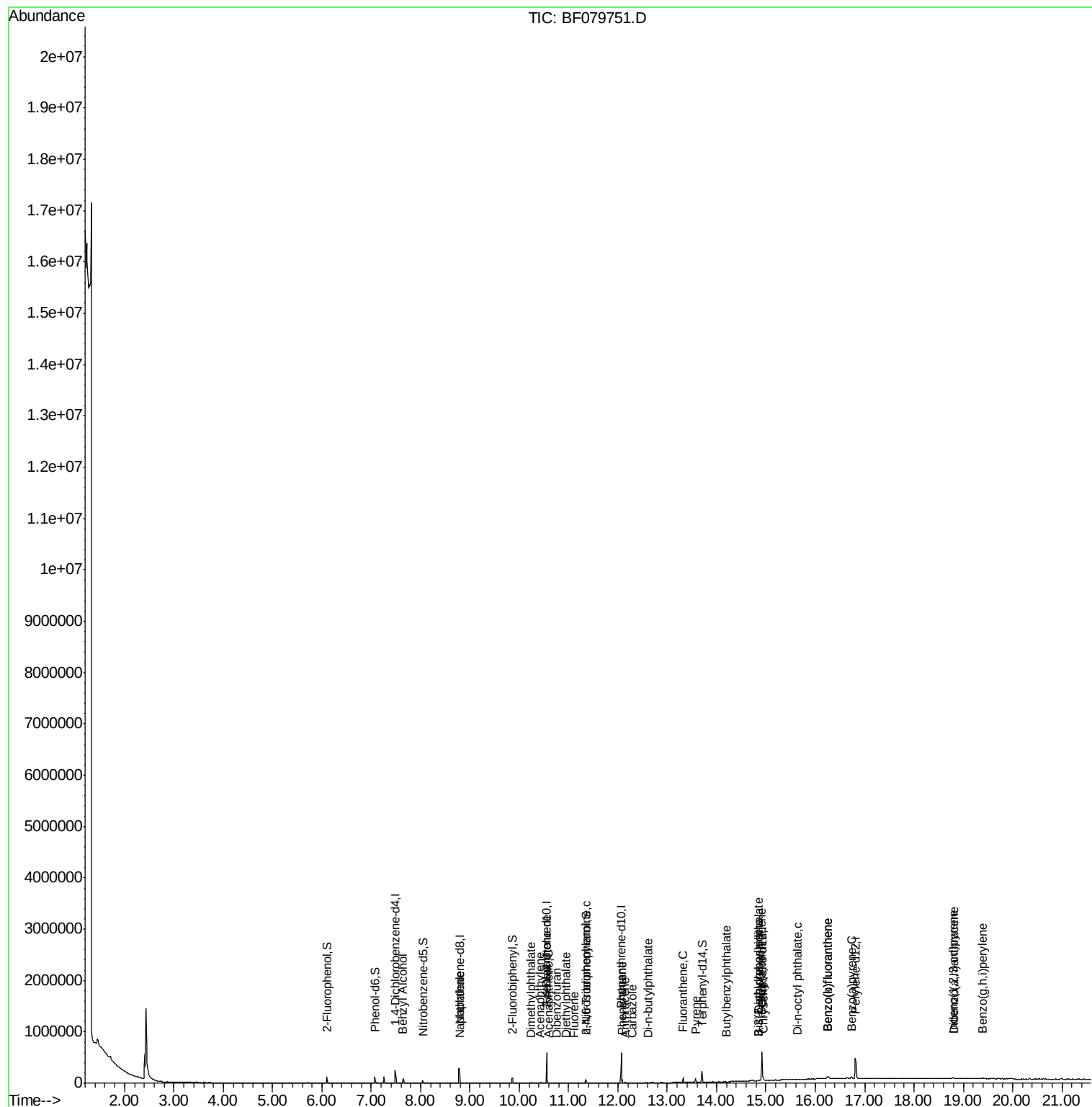
Target Compounds						Qvalue
15) Benzyl Alcohol	7.64	79	309	0.10	ng	# 24
31) Naphthalene	8.80	128	570	0.06	ng	# 68
48) Acenaphthylene	10.42	152	1829	0.14	ng	# 94
49) Dimethylphthalate	10.24	163	7002	0.83	ng	# 94
51) Acenaphthene	10.59	154	647	0.09	ng	90
54) Dibenzofuran	10.76	168	610	0.06	ng	# 47
56) 2,4-Dinitrotoluene	10.56	165	12879	10.75	ng	# 32
57) Fluorene	11.11	166	874	0.10	ng	# 88
59) Diethylphthalate	10.95	149	241	0.03	ng	# 58
65) n-Nitrosodiphenylamine	11.35	169	318	0.04	ng	# 23
70) Phenanthrene	12.09	178	23795	1.85	ng	98
71) Anthracene	12.15	178	5408	0.43	ng	96
72) Carbazole	12.28	167	1575	0.13	ng	# 80
73) Di-n-butylphthalate	12.61	149	402	0.03	ng	# 65
74) Fluoranthene	13.33	202	45508	3.24	ng	98
77) Pyrene	13.58	202	42387	2.71	ng	97
79) Butylbenzylphthalate	14.19	149	218	0.03	ng	# 36
80) Benzo(a)anthracene	14.91	228	27502	1.76	ng	97
81) 3,3'-Dichlorobenzidine	14.85	252	239	0.05	ng	# 24
82) Chrysene	14.95	228	23706	1.64	ng	99
83) Bis(2-ethylhexyl)phthalate	14.86	149	2312	0.23	ng	# 88
84) Di-n-octyl phthalate	15.65	149	822	0.05	ng	# 1
85) Indeno(1,2,3-cd)pyrene	18.79	276	20810	1.25	ng	99
87) Benzo(b)fluoranthene	16.25	252	44465	2.92	ng	# 91
88) Benzo(k)fluoranthene	16.25	252	44465	3.05	ng	94
89) Benzo(a)pyrene	16.73	252	23078	1.64	ng	# 96
90) Dibenzo(a,h)anthracene	18.81	278	9394	0.69	ng	# 92
91) Benzo(g,h,i)perylene	19.39	276	21136	1.51	ng	# 84

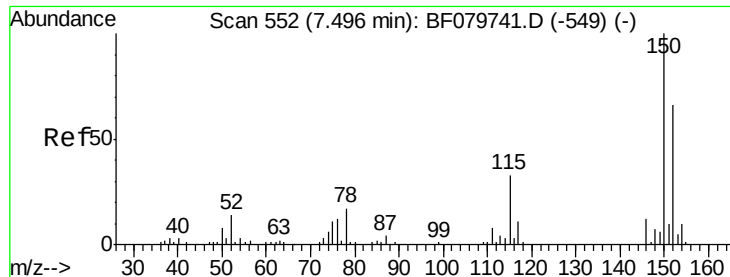
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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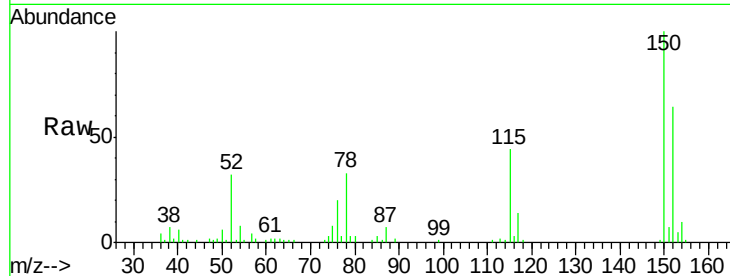


#1

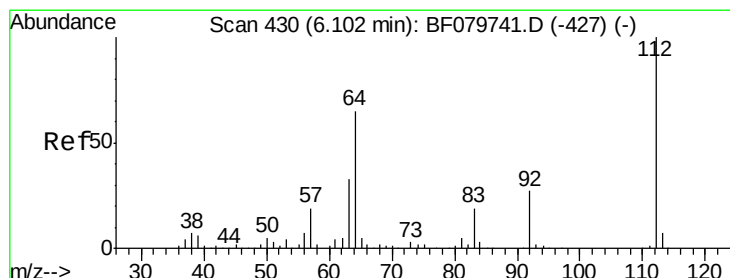
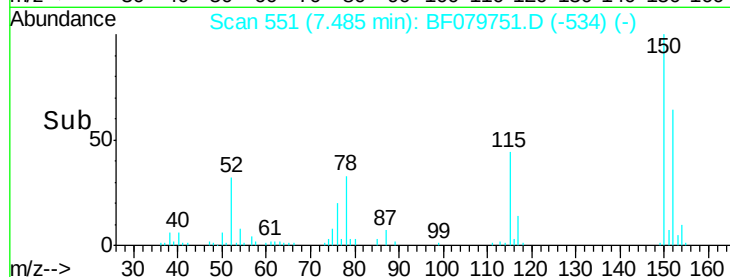
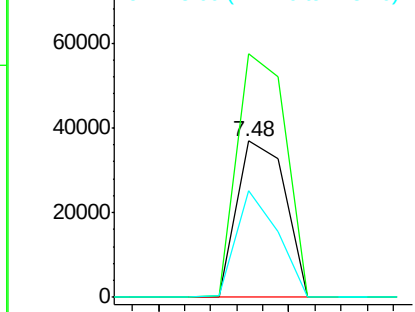
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.48 min Scan# 551
Delta R.T. -0.01 min
Lab File: BF079751.D
Acq: 6 Jun 2015 3:04

Instrument :
BNA_F
ClientSampleId :
SB-17AS

Tot Ion:152 Resp: 47671
Ion Ratio Lower Upper
152 100
150 156.0 128.1 192.1
115 68.1 49.7 74.5



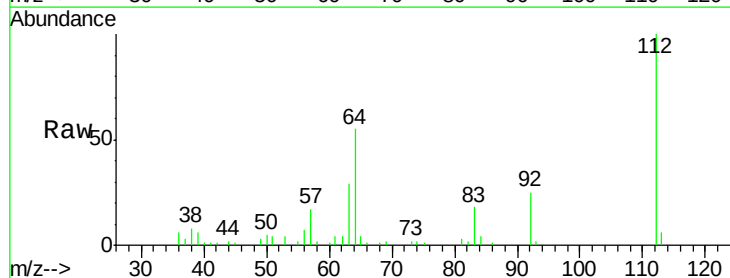
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



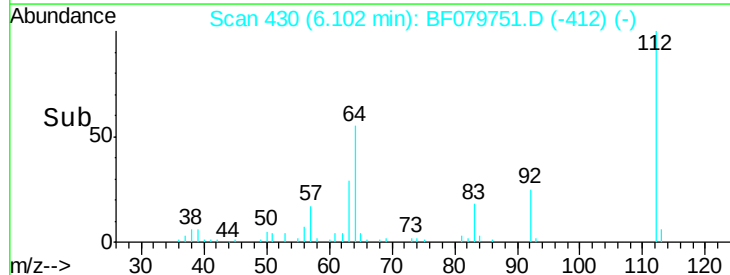
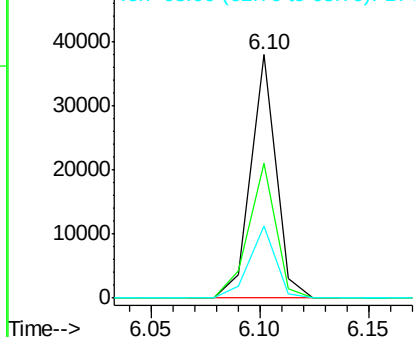
#5

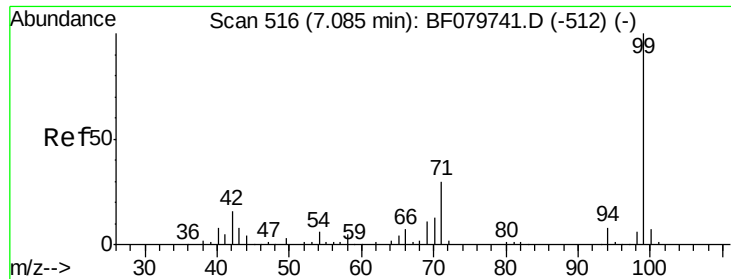
2-Fluorophenol
Concen: 5.40 ng
RT: 6.10 min Scan# 430
Delta R.T. 0.00 min
Lab File: BF079751.D
Acq: 6 Jun 2015 3:04

Tgt Ion:112 Resp: 30699
Ion Ratio Lower Upper
112 100
64 55.5 49.6 74.4
63 29.5 24.9 37.3



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: 5.25 ng

RT: 7.07 min Scan# 515

Delta R.T. -0.01 min

Lab File: BF079751.D

Acq: 6 Jun 2015 3:04

Instrument :

BNA_F

ClientSampleId :

SB-17AS

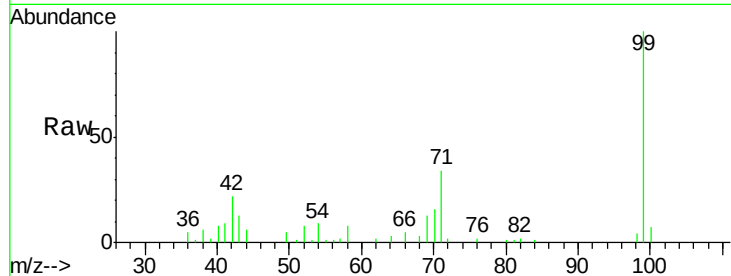
Tot Ion: 99 Resp: 38576

Ion Ratio Lower Upper

99 100

42 22.2 18.0 27.0

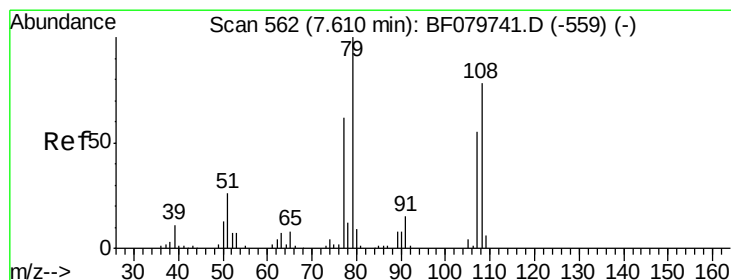
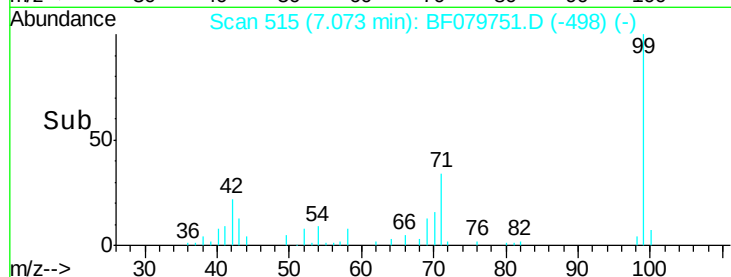
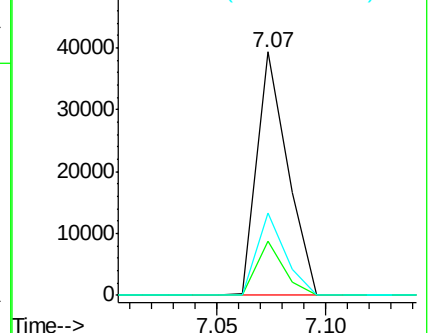
71 33.9 28.4 42.6



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



#15

Benzyl Alcohol

Concen: 0.10 ng

RT: 7.64 min Scan# 565

Delta R.T. 0.03 min

Lab File: BF079751.D

Acq: 6 Jun 2015 3:04

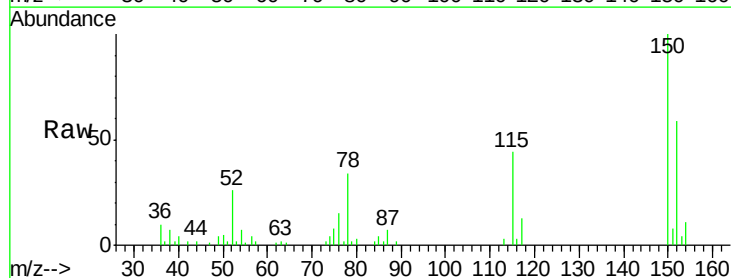
Tgt Ion: 79 Resp: 309

Ion Ratio Lower Upper

79 100

108 0.0 68.4 102.6#

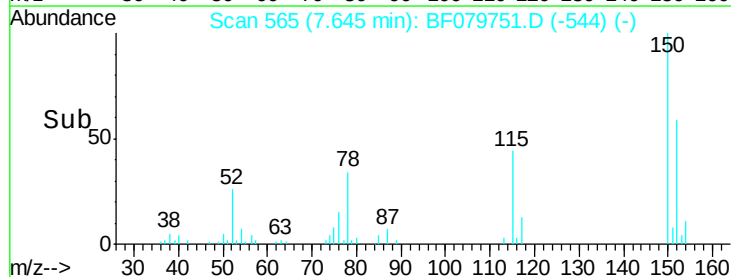
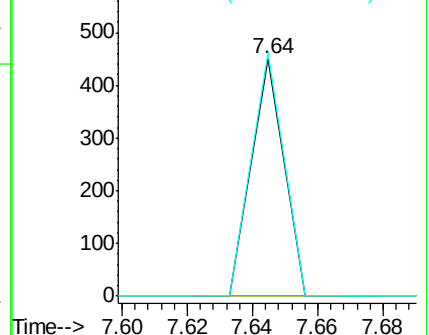
77 102.4 50.0 75.0#

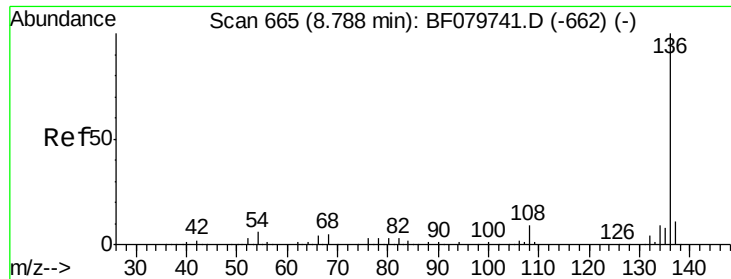


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

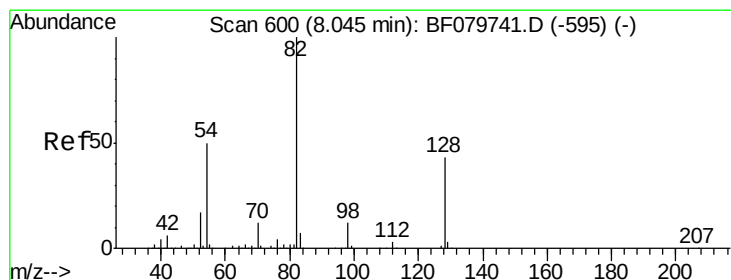
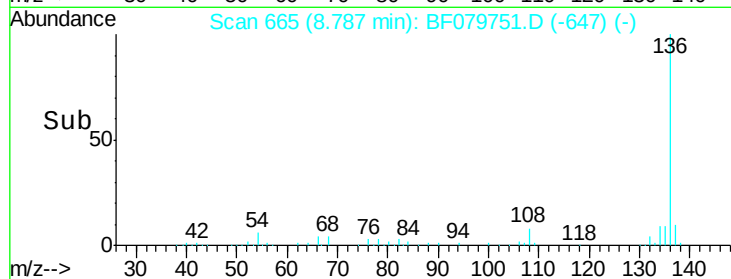
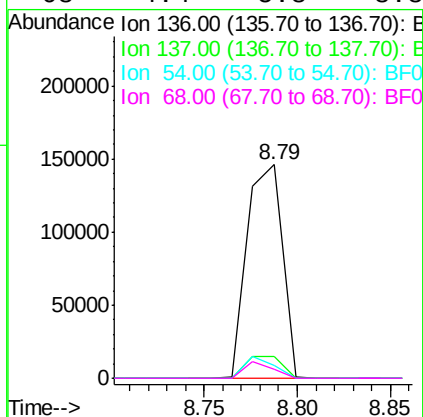
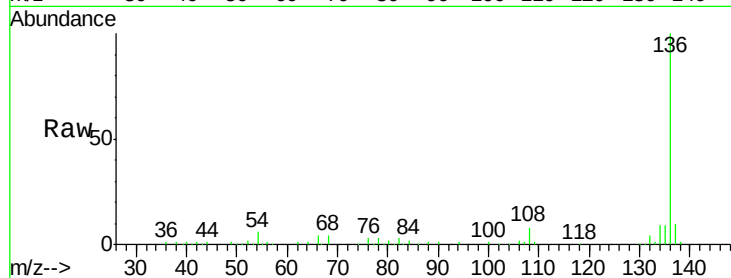




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.79 min Scan# 665
Delta R.T. 0.00 min
Lab File: BF079751.D
Acq: 6 Jun 2015 3:04

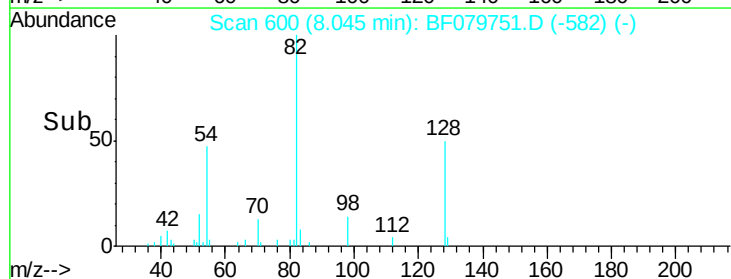
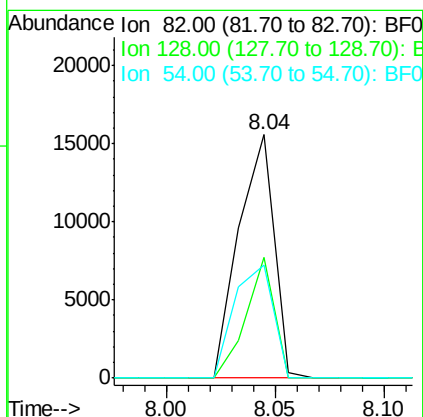
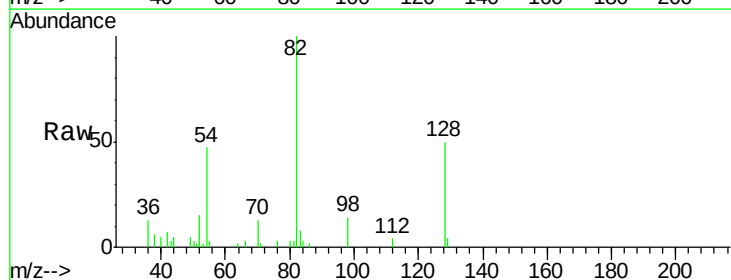
Instrument :
BNA_F
ClientSampleId :
SB-17AS

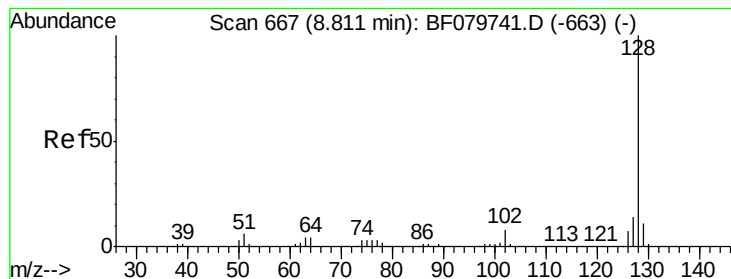
Tot Ion:136	Resp:	191512
Ion Ratio	Lower	Upper
136	100	
137	10.4	8.8 13.2
54	5.9	8.7 13.1#
68	4.4	5.8 8.8#



#23
Nitrobenzene-d5
Concen: 2.81 ng
RT: 8.04 min Scan# 600
Delta R.T. 0.00 min
Lab File: BF079751.D
Acq: 6 Jun 2015 3:04

Tgt Ion: 82	Resp:	17543
Ion Ratio	Lower	Upper
82	100	
128	49.8	37.6 56.4
54	46.5	39.4 59.2





#31

Naphthalene

Concen: 0.06 ng

RT: 8.80 min Scan# 666

Delta R.T. -0.01 min

Lab File: BF079751.D

Acq: 6 Jun 2015 3:04

Instrument :

BNA_F

ClientSampled :

SB-17AS

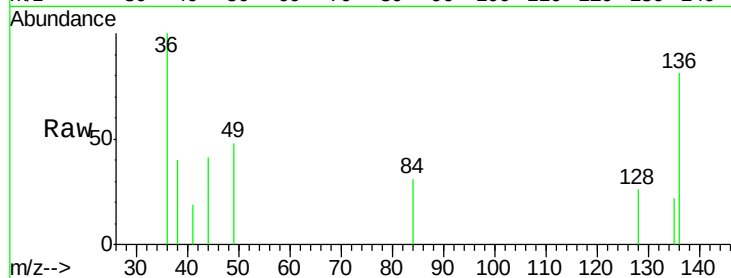
Tot Ion:128 Resp: 570

Ion Ratio Lower Upper

128 100

129 0.0 9.4 14.2#

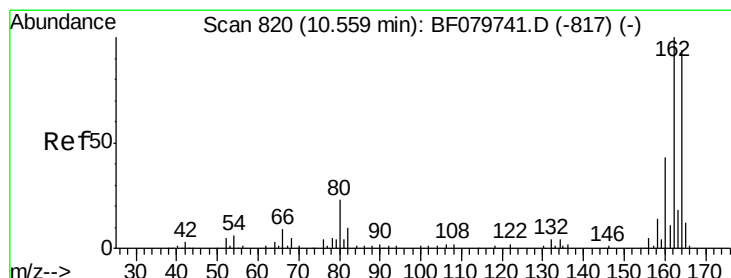
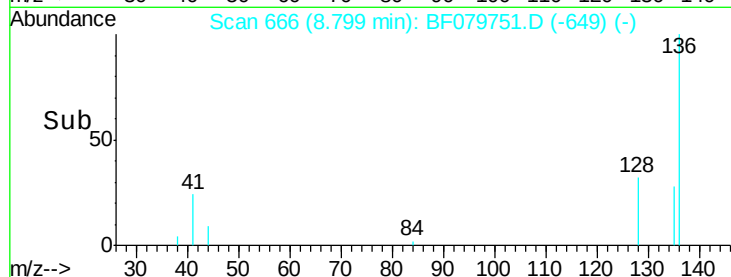
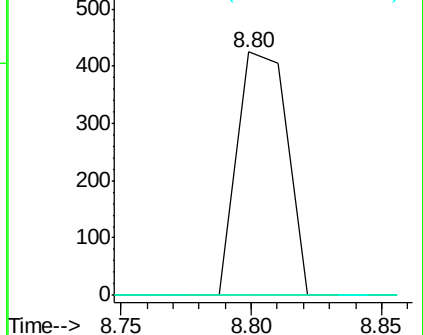
127 0.0 10.7 16.1#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.56 min Scan# 820

Delta R.T. 0.00 min

Lab File: BF079751.D

Acq: 6 Jun 2015 3:04

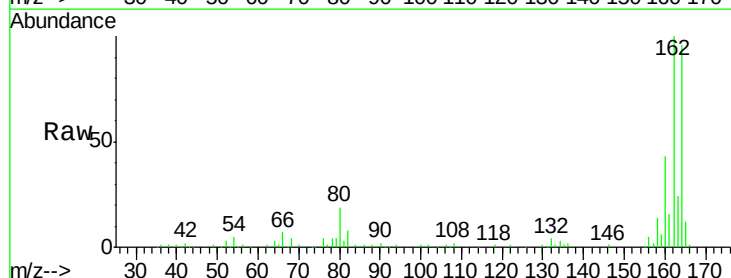
Tgt Ion:164 Resp: 108944

Ion Ratio Lower Upper

164 100

162 104.1 82.6 123.8

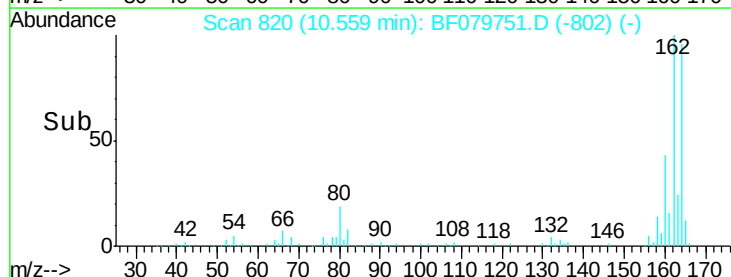
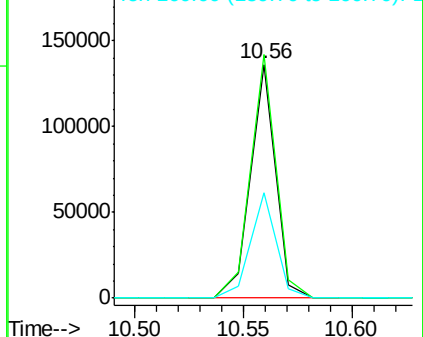
160 45.2 36.8 55.2

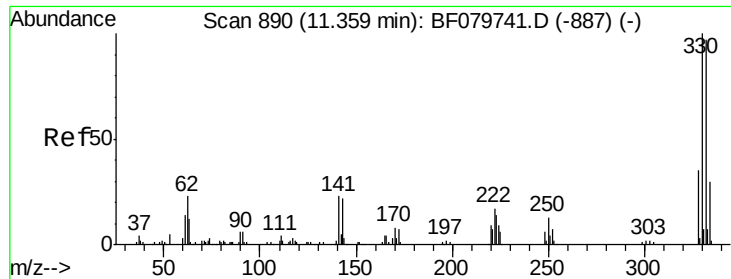


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

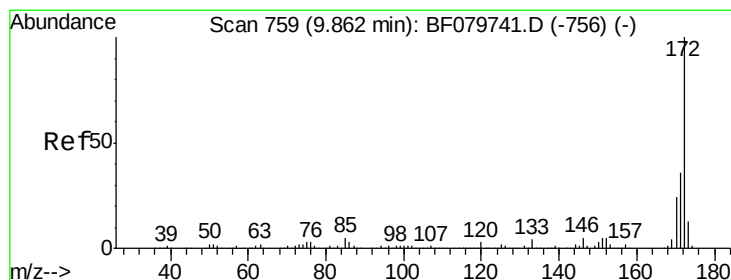
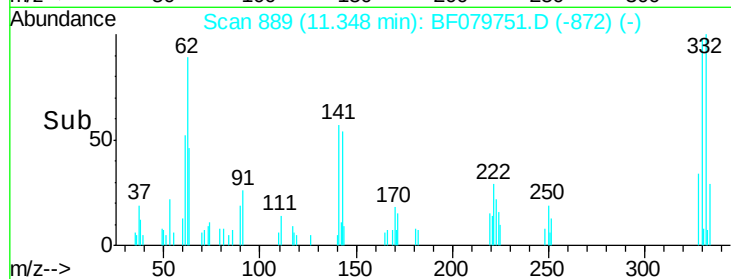
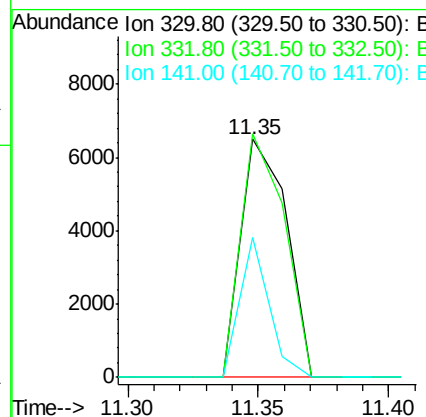
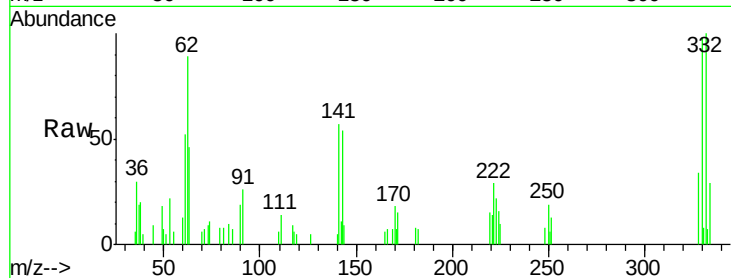




#41
 2,4,6-Tribromophenol
 Concen: 3.83 ng
 RT: 11.35 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF079751.D
 Acq: 6 Jun 2015 3:04

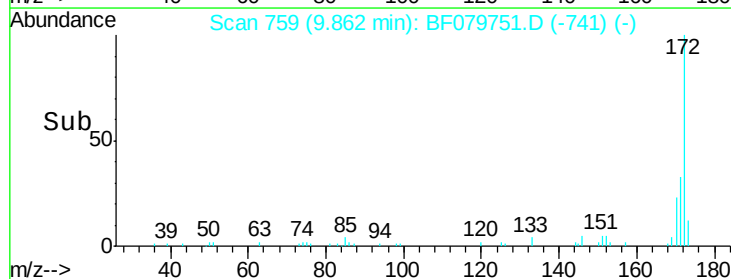
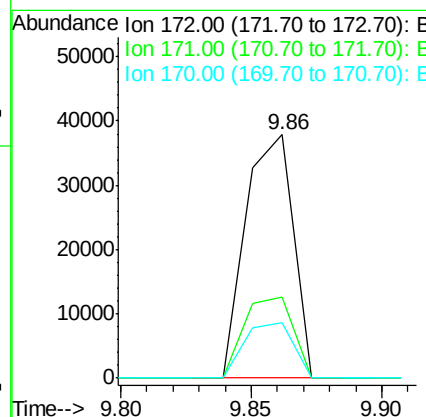
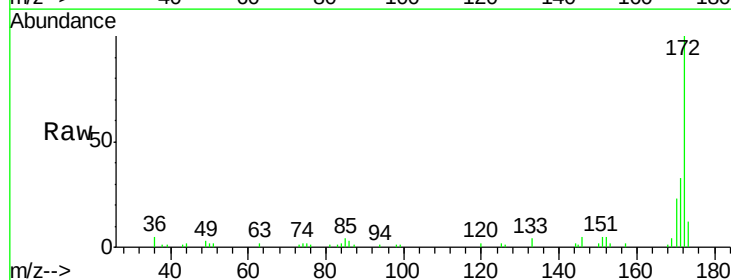
Instrument :
 BNA_F
 ClientSampled :
 SB-17AS

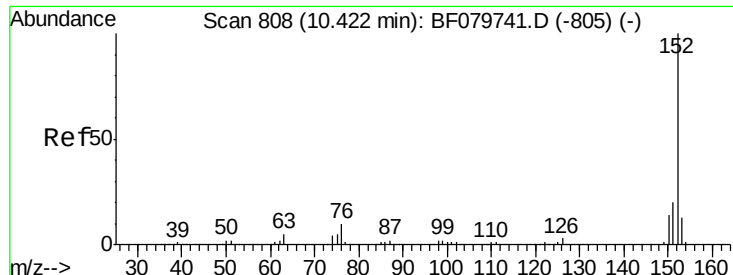
Tot Ion:330 Resp: 7978
 Ion Ratio Lower Upper
 330 100
 332 98.1 77.4 116.0
 141 37.6 30.2 45.2



#44
 2-Fluorobiphenyl
 Concen: 3.01 ng
 RT: 9.86 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: BF079751.D
 Acq: 6 Jun 2015 3:04

Tgt Ion:172 Resp: 48363
 Ion Ratio Lower Upper
 172 100
 171 33.3 29.4 44.0
 170 22.8 19.7 29.5





#48

Acenaphthylene

Concen: 0.14 ng

RT: 10.42 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF079751.D

Acq: 6 Jun 2015 3:04

Instrument :

BNA_F

ClientSampleId :

SB-17AS

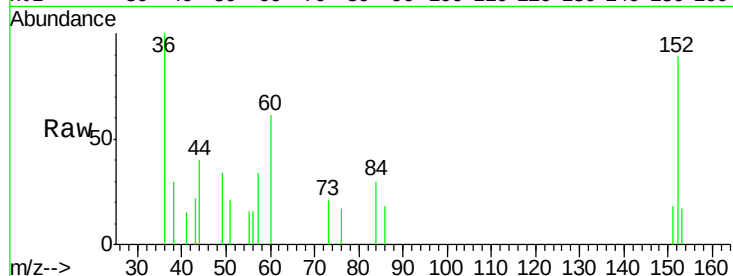
Tot Ion:152 Resp: 1829

Ion Ratio Lower Upper

152 100

151 19.9 16.2 24.4

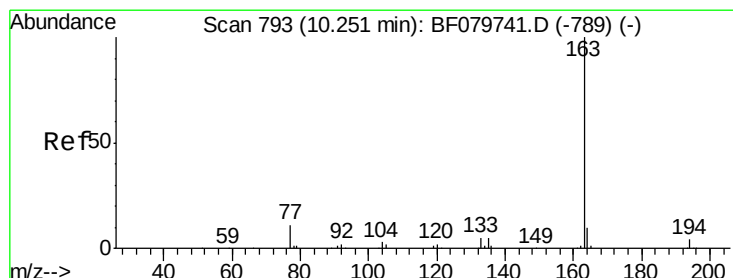
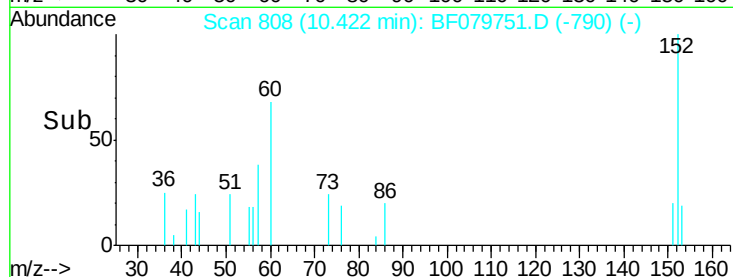
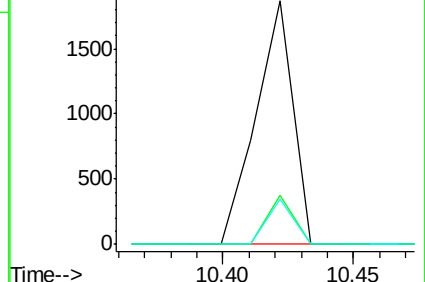
153 18.5 10.4 15.6#



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: 0.83 ng

RT: 10.24 min Scan# 792

Delta R.T. -0.01 min

Lab File: BF079751.D

Acq: 6 Jun 2015 3:04

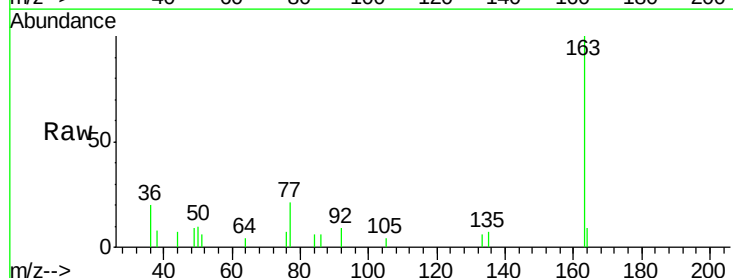
Tgt Ion:163 Resp: 7002

Ion Ratio Lower Upper

163 100

194 0.0 2.6 3.8#

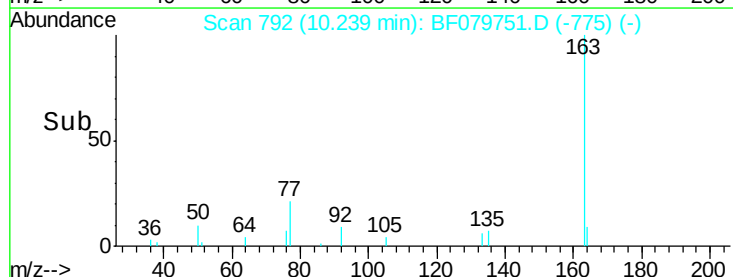
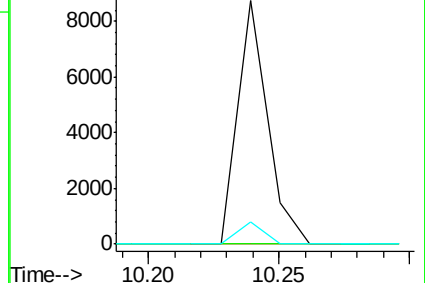
164 8.9 8.5 12.7

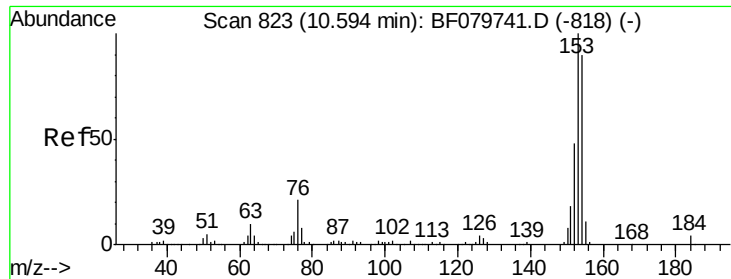


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 0.09 ng

RT: 10.59 min Scan# 823

Delta R.T. 0.00 min

Lab File: BF079751.D

Acq: 6 Jun 2015 3:04

Instrument :

BNA_F

ClientSampleId :

SB-17AS

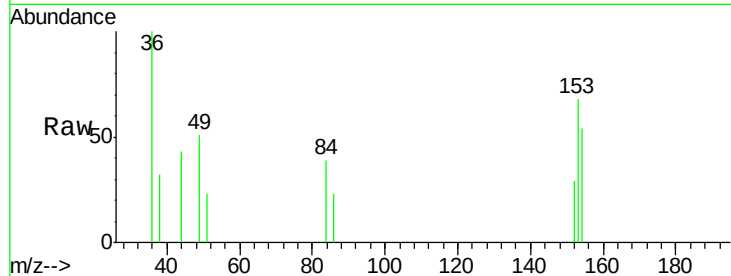
Tot Ion:154 Resp: 647

Ion Ratio Lower Upper

154 100

153 127.7 90.1 135.1

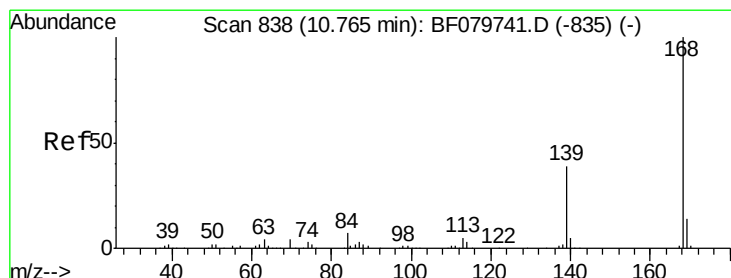
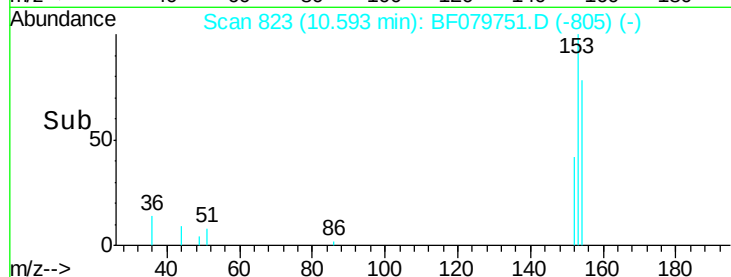
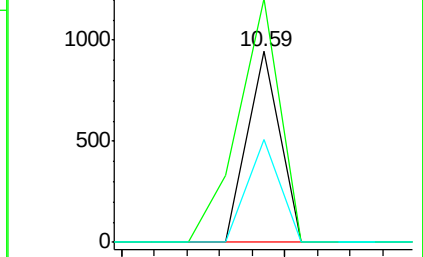
152 53.7 43.4 65.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 0.06 ng

RT: 10.76 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF079751.D

Acq: 6 Jun 2015 3:04

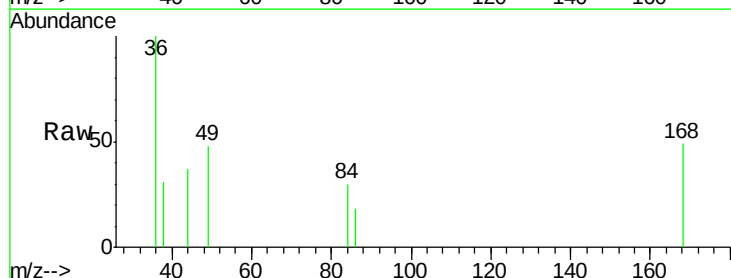
Tgt Ion:168 Resp: 610

Ion Ratio Lower Upper

168 100

139 0.0 27.7 41.5#

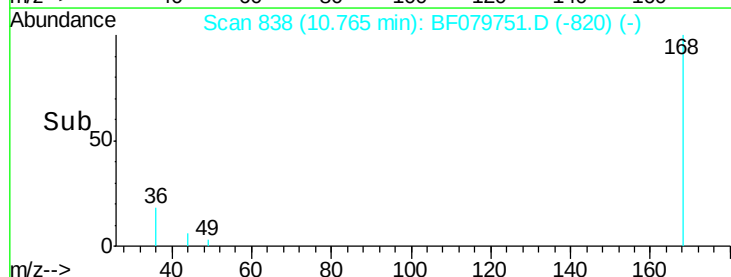
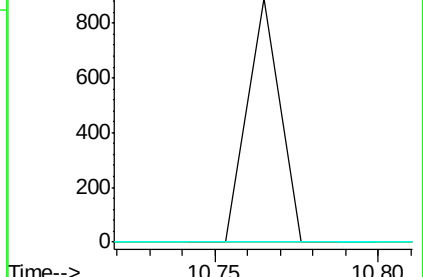
169 0.0 11.0 16.4#

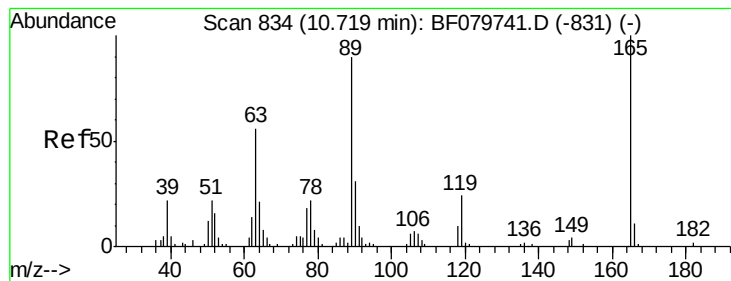


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#56

2,4-Dinitrotoluene

Concen: 10.75 ng

RT: 10.56 min Scan# 820

Delta R.T. -0.16 min

Lab File: BF079751.D

Acq: 6 Jun 2015 3:04

Instrument :

BNA_F

ClientSampleId :

SB-17AS

Tot Ion:165 Resp: 12879

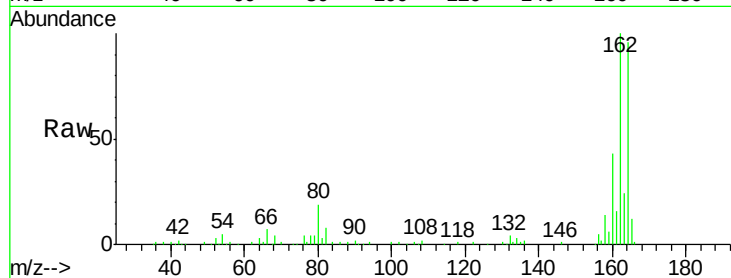
Ion Ratio Lower Upper

165 100

63 0.0 24.7 37.1#

89 0.0 45.7 68.5#

182 0.0 1.8 2.8#

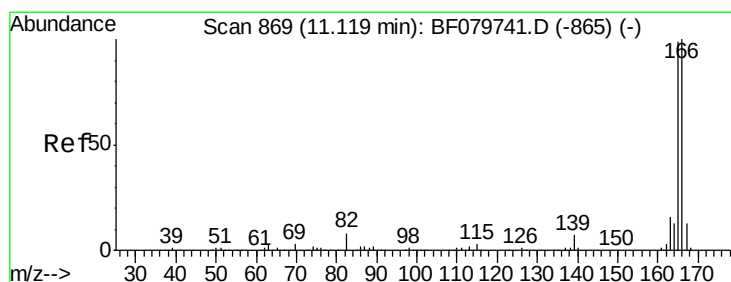
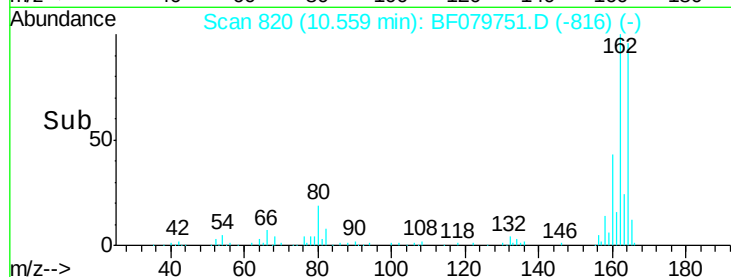
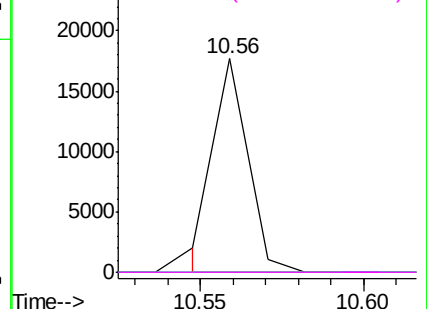


Abundance Ion 165.00 (164.70 to 165.70): E

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: 0.10 ng

RT: 11.11 min Scan# 868

Delta R.T. -0.01 min

Lab File: BF079751.D

Acq: 6 Jun 2015 3:04

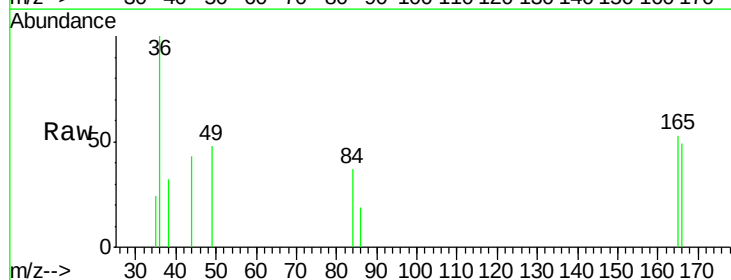
Tgt Ion:166 Resp: 874

Ion Ratio Lower Upper

166 100

165 108.5 79.4 119.0

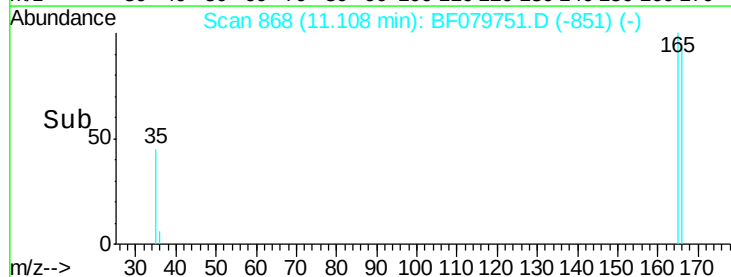
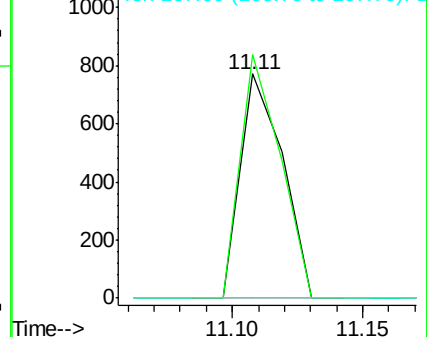
167 0.0 11.0 16.4#

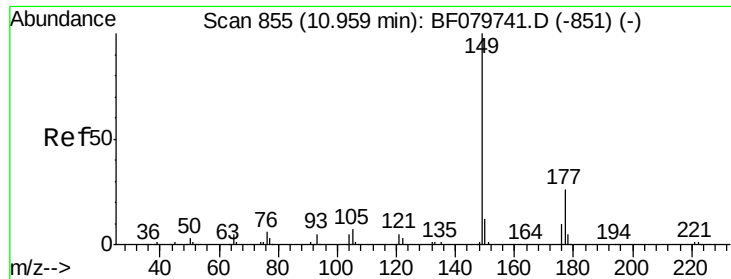


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

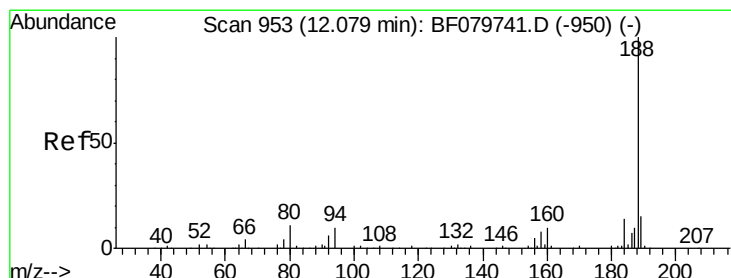
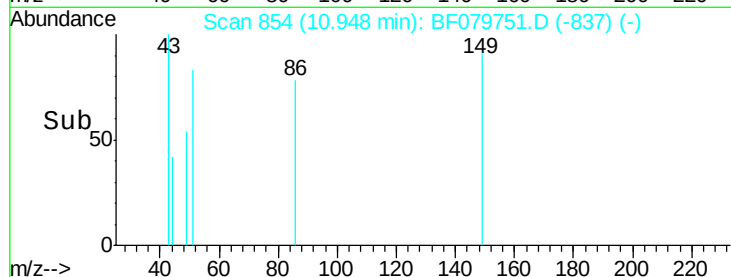
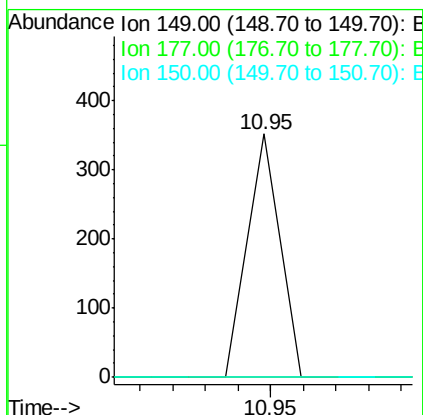
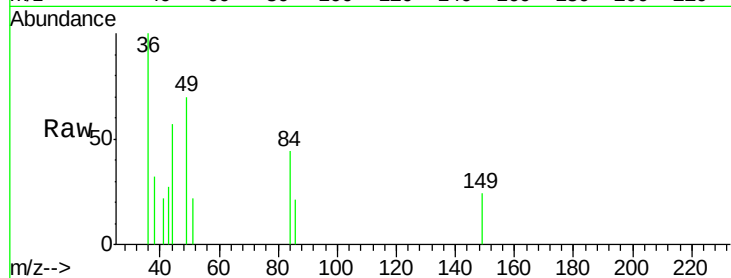




#59
Diethylphthalate
Concen: 0.03 ng
RT: 10.95 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF079751.D
Acq: 6 Jun 2015 3:04

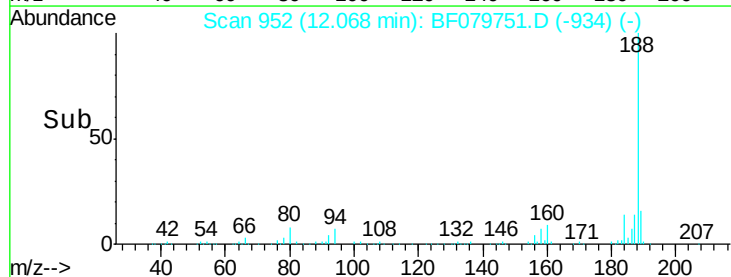
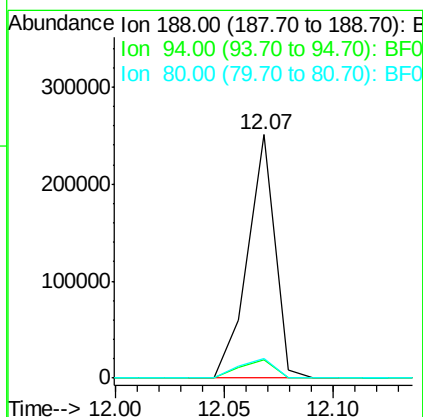
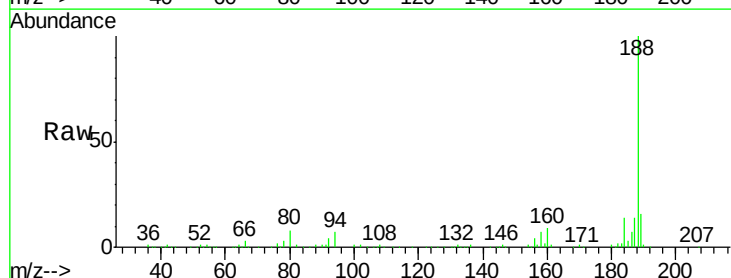
Instrument :
BNA_F
ClientSampleId :
SB-17AS

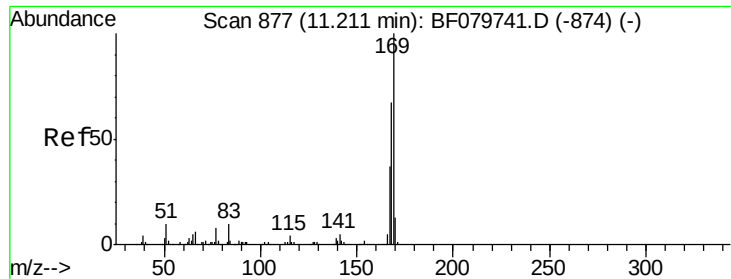
Tot Ion:149 Resp: 241
Ion Ratio Lower Upper
149 100
177 0.0 18.1 27.1#
150 0.0 10.5 15.7#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.07 min Scan# 952
Delta R.T. 0.00 min
Lab File: BF079751.D
Acq: 6 Jun 2015 3:04

Tgt Ion:188 Resp: 219242
Ion Ratio Lower Upper
188 100
94 7.4 5.0 7.4
80 7.8 5.3 7.9

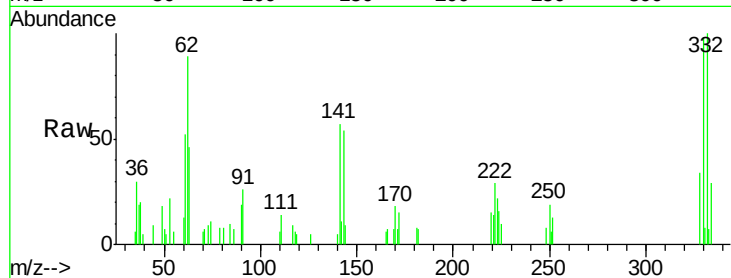




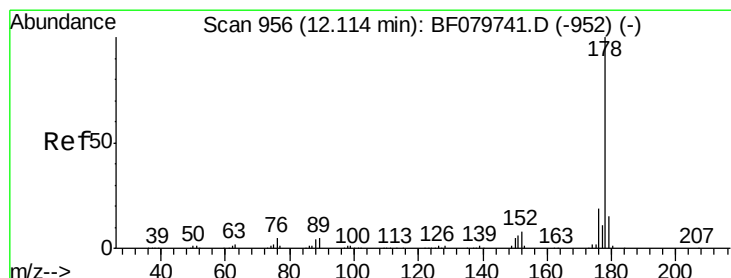
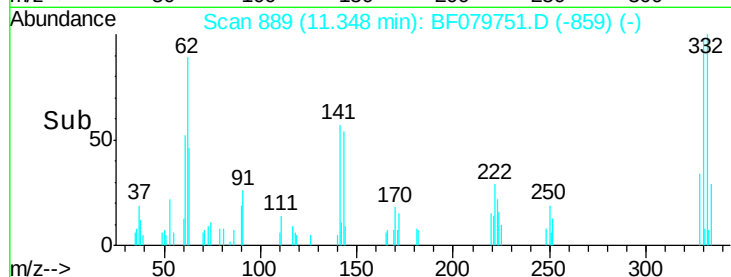
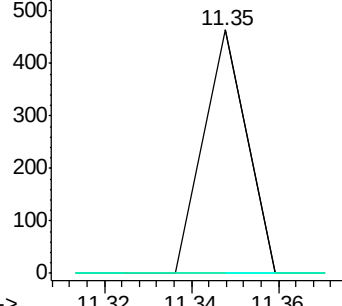
#65
n-Nitrosodiphenylamine
Concen: 0.04 ng
RT: 11.35 min Scan# 889
Delta R.T. 0.14 min
Lab File: BF079751.D
Acq: 6 Jun 2015 3:04

Instrument :
BNA_F
ClientSampleId :
SB-17AS

Tot Ion:169 Resp: 318
Ion Ratio Lower Upper
169 100
168 0.0 54.8 82.2#
167 0.0 29.7 44.5#

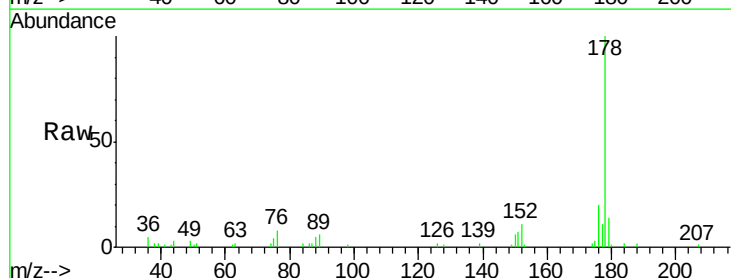


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

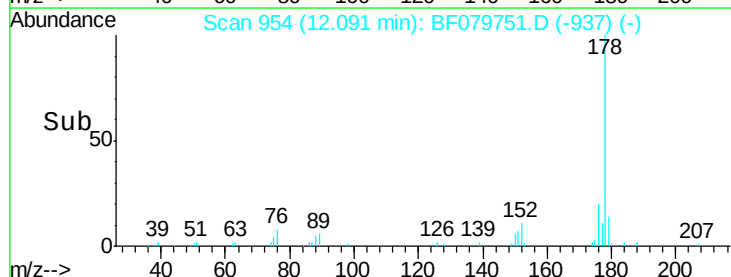
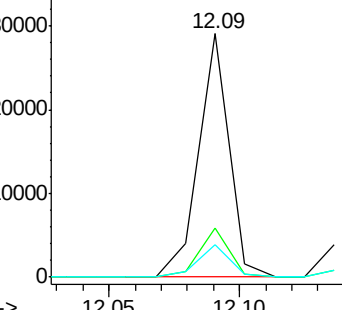


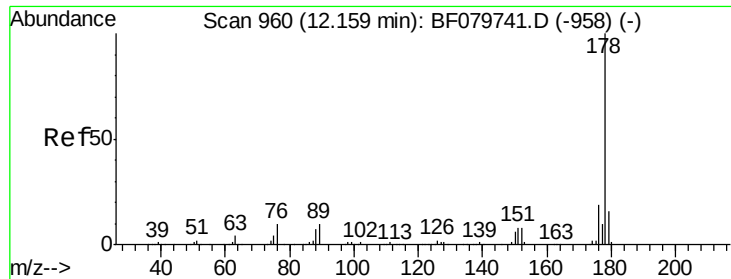
#70
Phenanthrene
Concen: 1.85 ng
RT: 12.09 min Scan# 954
Delta R.T. -0.01 min
Lab File: BF079751.D
Acq: 6 Jun 2015 3:04

Tgt Ion:178 Resp: 23795
Ion Ratio Lower Upper
178 100
176 20.3 16.2 24.4
179 13.5 12.6 19.0



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

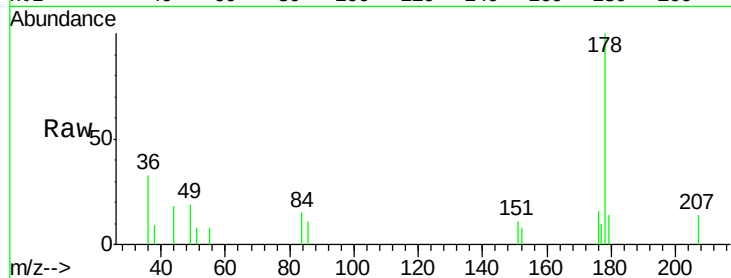




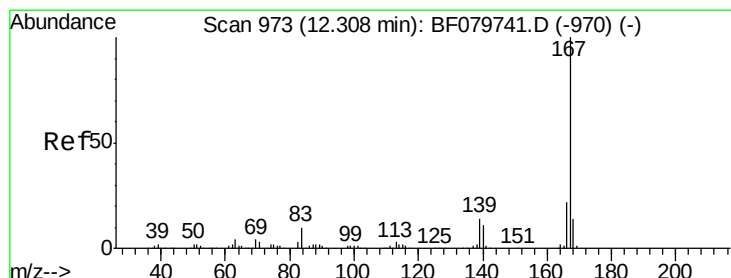
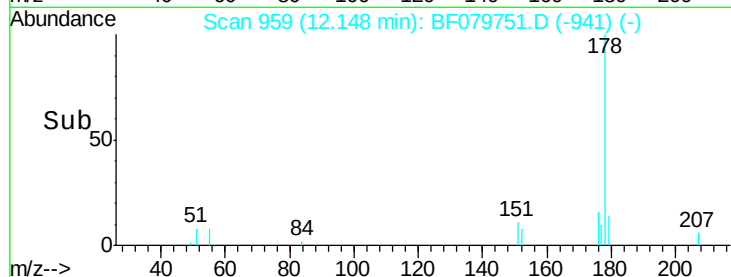
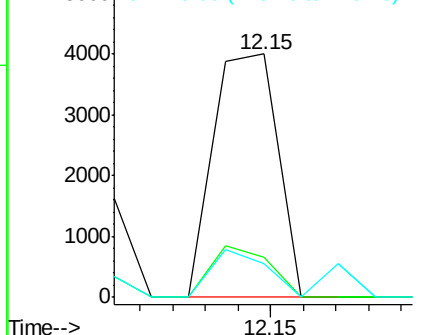
#71
 Anthracene
 Concen: 0.43 ng
 RT: 12.15 min Scan# 959
 Delta R.T. 0.00 min
 Lab File: BF079751.D
 Acq: 6 Jun 2015 3:04

Instrument :
 BNA_F
 ClientSampleId :
 SB-17AS

Tot Ion:178 Resp: 5408
 Ion Ratio Lower Upper
 178 100
 176 16.5 14.8 22.2
 179 13.8 12.2 18.2

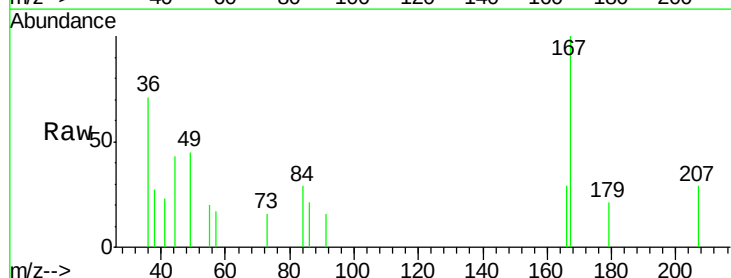


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

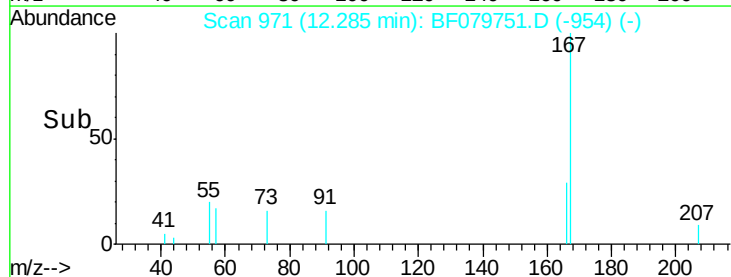
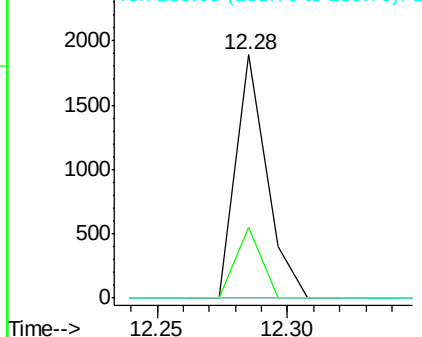


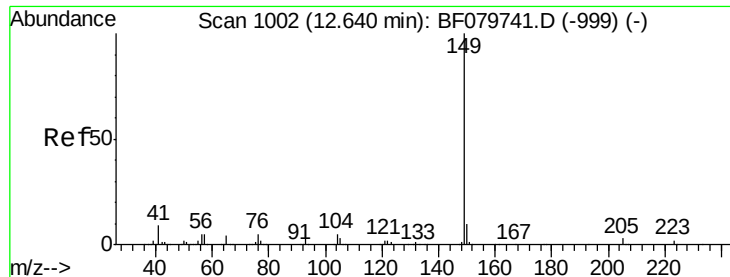
#72
 Carbazole
 Concen: 0.13 ng
 RT: 12.28 min Scan# 971
 Delta R.T. -0.01 min
 Lab File: BF079751.D
 Acq: 6 Jun 2015 3:04

Tgt Ion:167 Resp: 1575
 Ion Ratio Lower Upper
 167 100
 166 29.1 17.7 26.5#
 139 0.0 9.3 13.9#



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





#73

Di-n-butylphthalate

Concen: 0.03 ng

RT: 12.61 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF079751.D

Acq: 6 Jun 2015 3:04

Instrument :

BNA_F

ClientSampleId :

SB-17AS

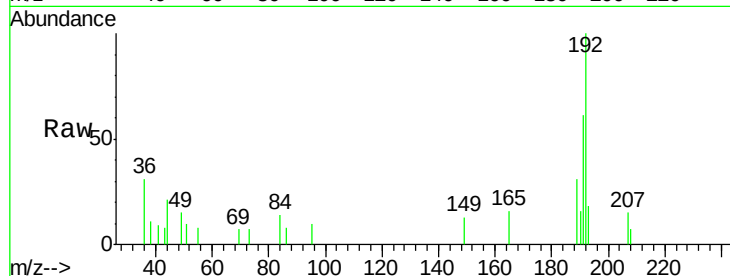
Tot Ion:149 Resp: 402

Ion Ratio Lower Upper

149 100

150 0.0 9.8 14.8#

104 0.0 12.9 19.3#

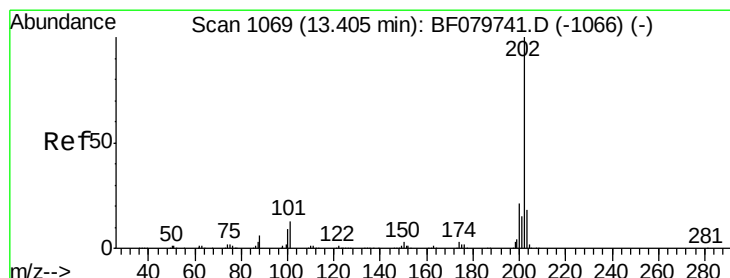
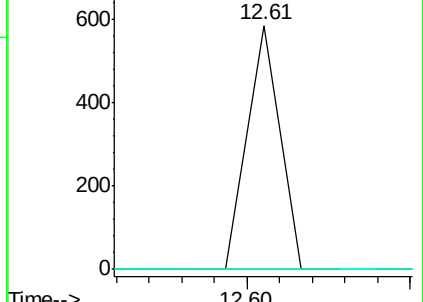
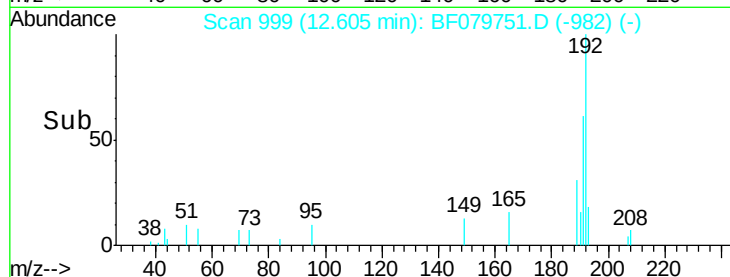


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

Time-->



#74

Fluoranthene

Concen: 3.24 ng

RT: 13.33 min Scan# 1062

Delta R.T. -0.03 min

Lab File: BF079751.D

Acq: 6 Jun 2015 3:04

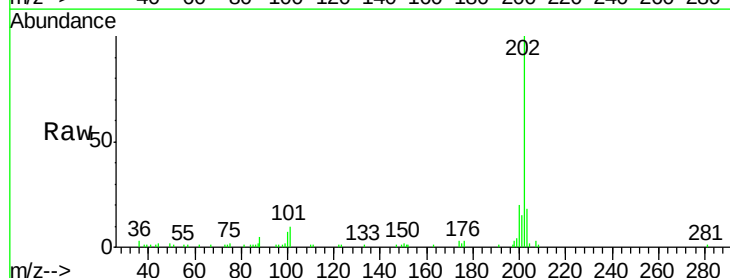
Tgt Ion:202 Resp: 45508

Ion Ratio Lower Upper

202 100

101 10.0 0.0 31.3

203 17.6 0.0 38.4

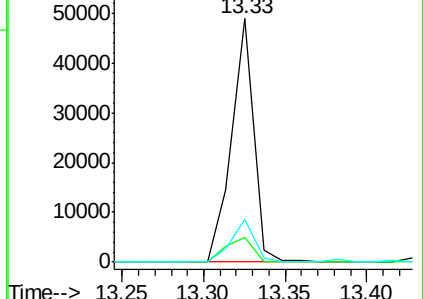
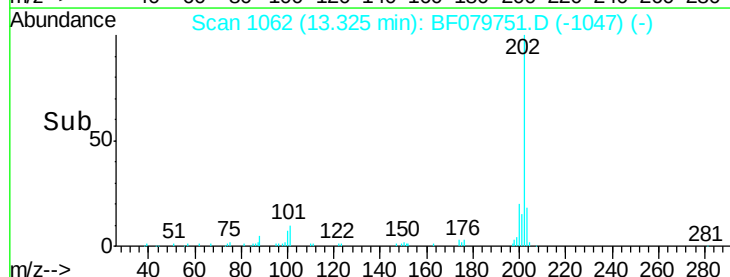


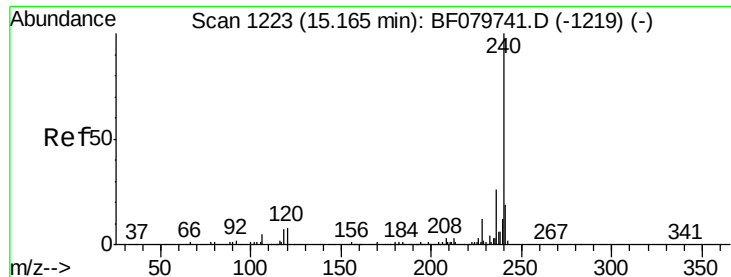
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

Time-->

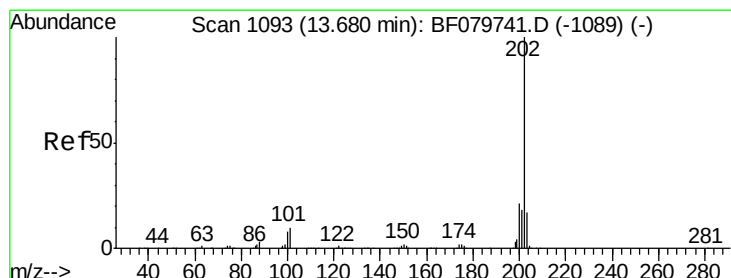
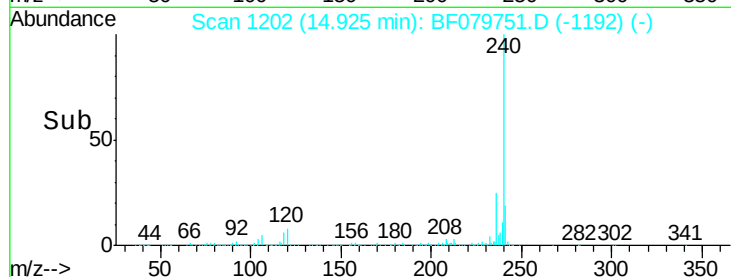
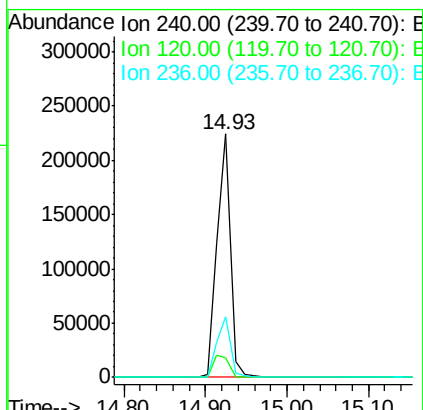
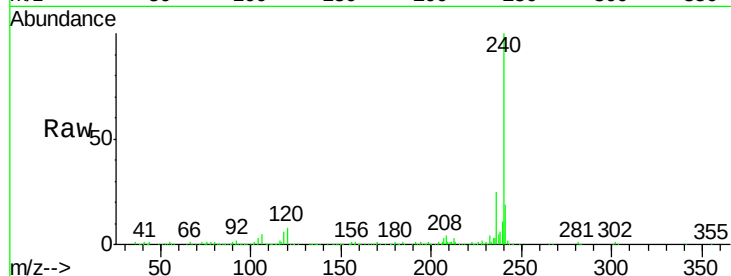




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.93 min Scan# 1202
 Delta R.T. -0.09 min
 Lab File: BF079751.D
 Acq: 6 Jun 2015 3:04

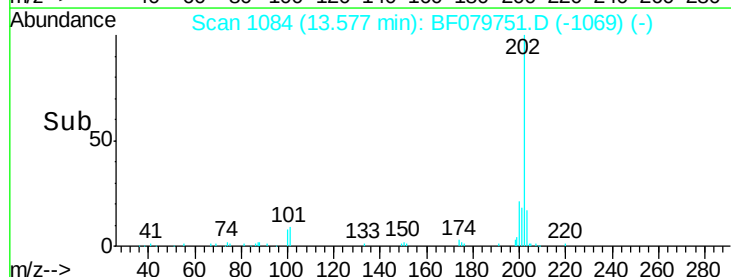
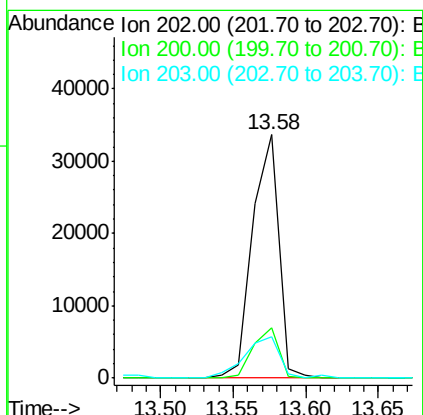
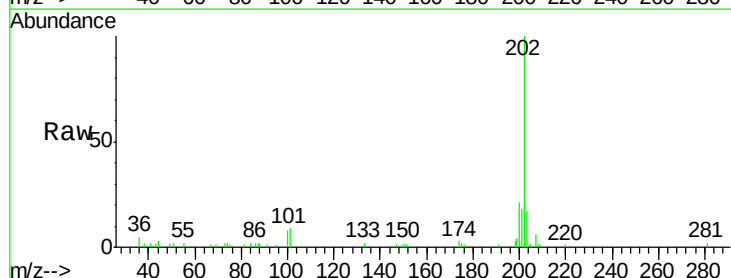
Instrument :
 BNA_F
 ClientSampleId :
 SB-17AS

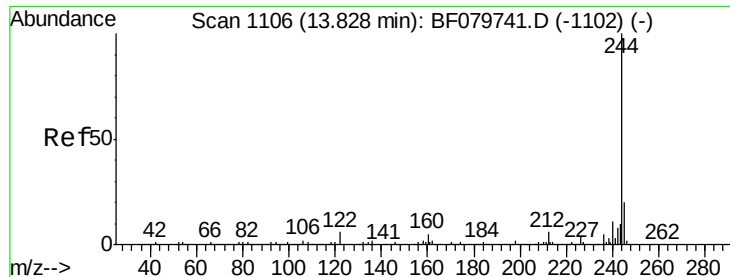
Tot Ion:240 Resp: 255129
 Ion Ratio Lower Upper
 240 100
 120 7.8 6.2 9.2
 236 24.7 21.0 31.4



#77
 Pyrene
 Concen: 2.71 ng
 RT: 13.58 min Scan# 1084
 Delta R.T. -0.03 min
 Lab File: BF079751.D
 Acq: 6 Jun 2015 3:04

Tgt Ion:202 Resp: 42387
 Ion Ratio Lower Upper
 202 100
 200 20.6 17.5 26.3
 203 17.1 14.8 22.2





#78

Terphenyl-d14

Concen: 3.05 ng

RT: 13.70 min Scan# 1095

Delta R.T. -0.05 min

Lab File: BF079751.D

Acq: 6 Jun 2015 3:04

Instrument :

BNA_F

ClientSampleId :

SB-17AS

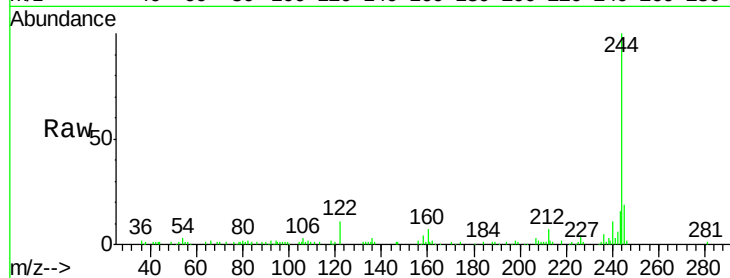
Tot Ion:244 Resp: 67960

Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

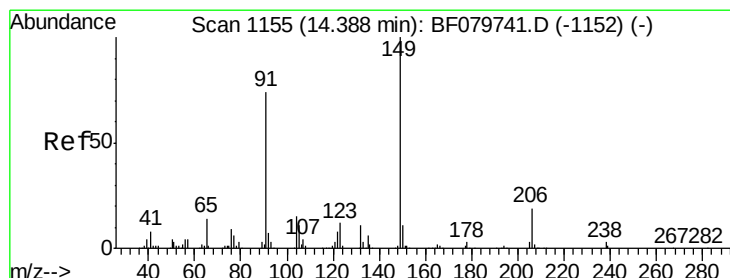
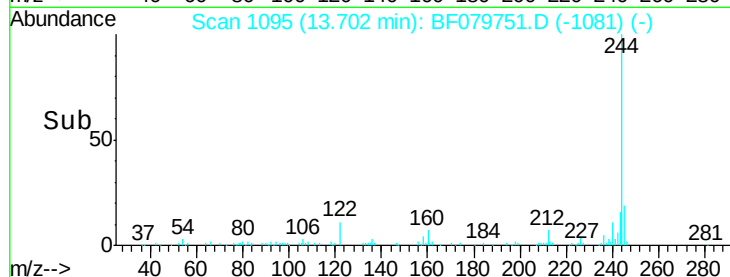
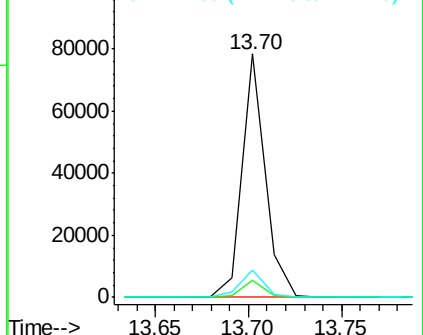
122 11.0 9.3 13.9



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



#79

Butylbenzylphthalate

Concen: 0.03 ng

RT: 14.19 min Scan# 1138

Delta R.T. -0.09 min

Lab File: BF079751.D

Acq: 6 Jun 2015 3:04

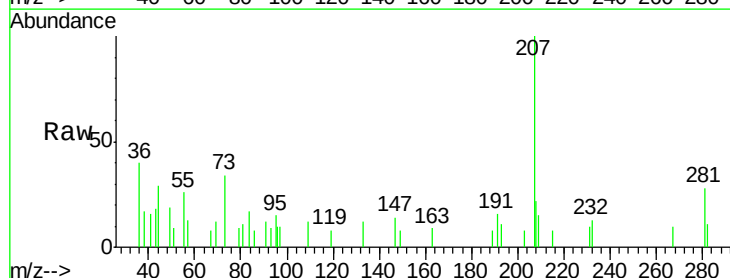
Tgt Ion:149 Resp: 218

Ion Ratio Lower Upper

149 100

91 141.5 64.4 96.6#

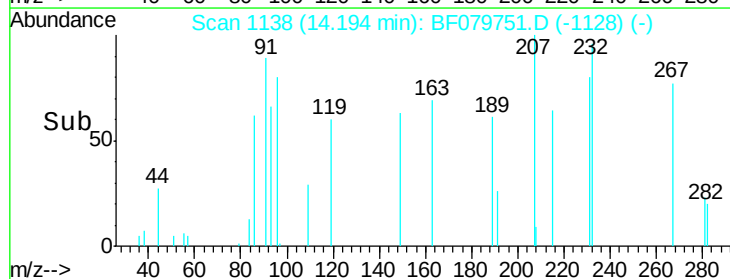
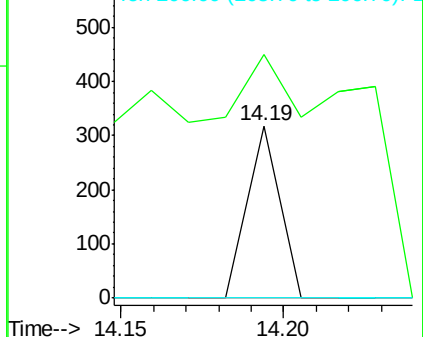
206 0.0 14.8 22.2#

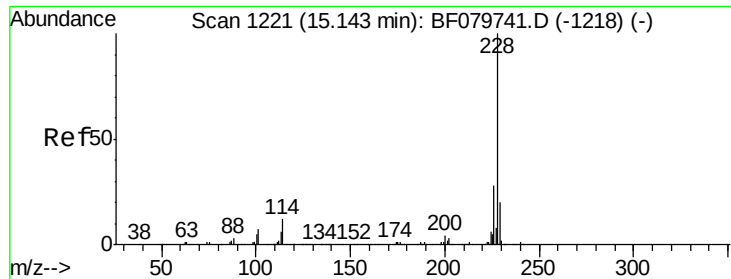


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

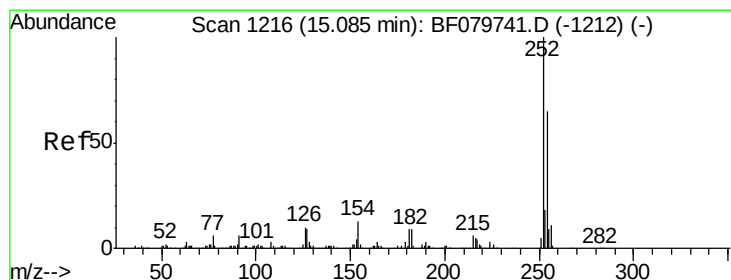
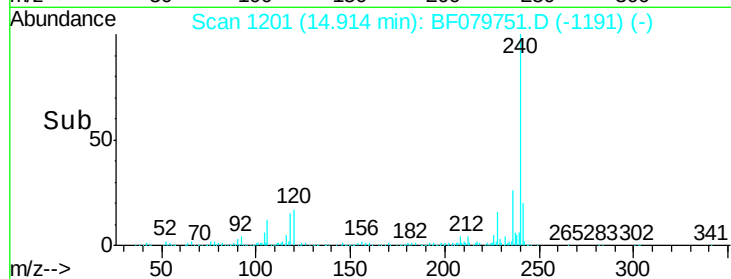
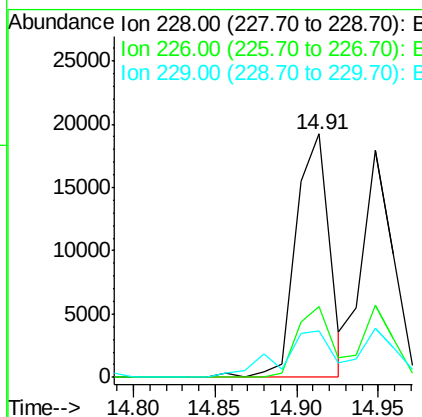
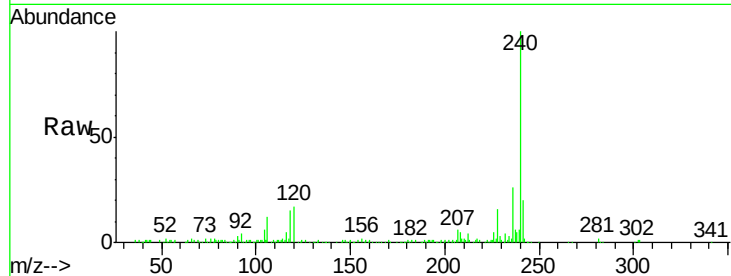




#80
Benzo(a)anthracene
Concen: 1.76 ng
RT: 14.91 min Scan# 1201
Delta R.T. -0.09 min
Lab File: BF079751.D
Acq: 6 Jun 2015 3:04

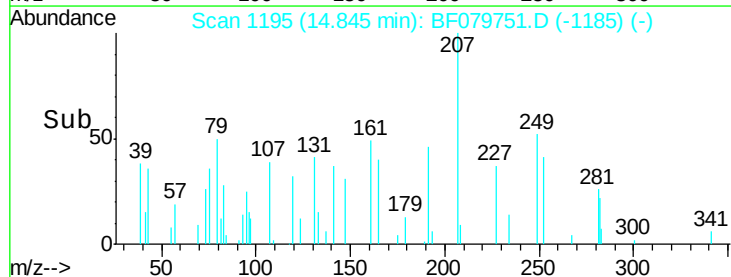
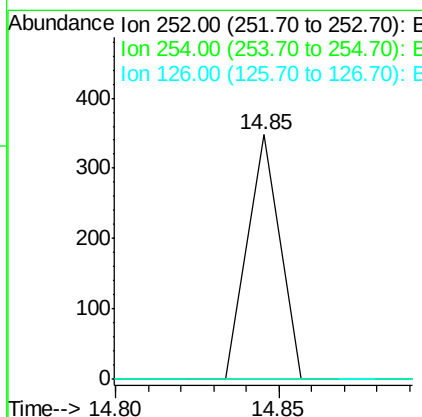
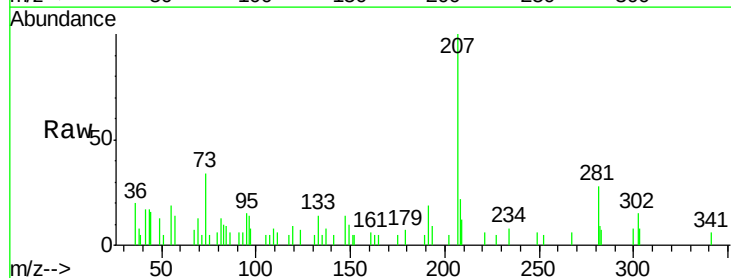
Instrument :
BNA_F
ClientSampled :
SB-17AS

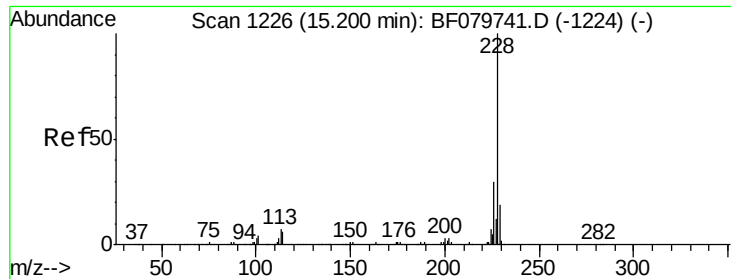
Tot Ion:228 Resp: 27502
Ion Ratio Lower Upper
228 100
226 29.2 22.2 33.4
229 19.1 16.6 25.0



#81
3,3'-Dichlorobenzidine
Concen: 0.05 ng
RT: 14.85 min Scan# 1195
Delta R.T. -0.09 min
Lab File: BF079751.D
Acq: 6 Jun 2015 3:04

Tgt Ion:252 Resp: 239
Ion Ratio Lower Upper
252 100
254 0.0 52.0 78.0#
126 0.0 6.9 10.3#

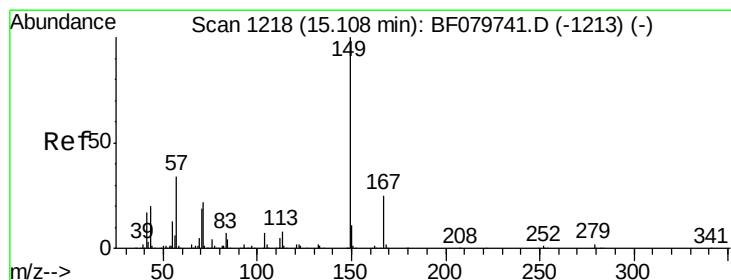
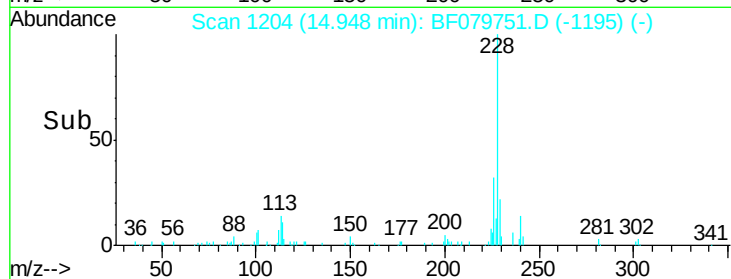
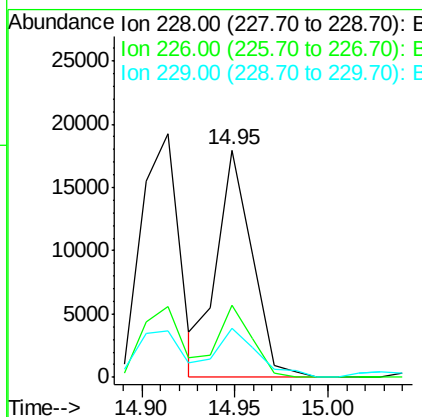
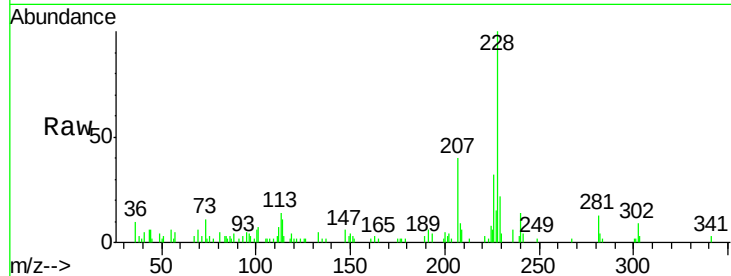




#82
 Chrysene
 Concen: 1.64 ng
 RT: 14.95 min Scan# 1204
 Delta R.T. -0.10 min
 Lab File: BF079751.D
 Acq: 6 Jun 2015 3:04

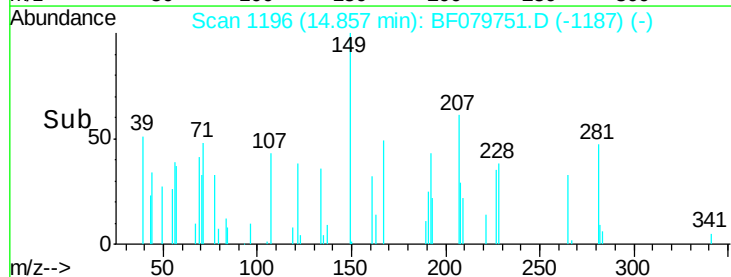
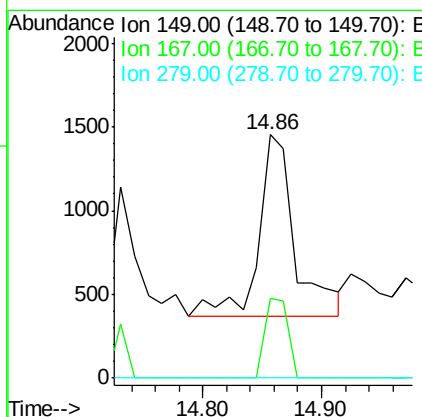
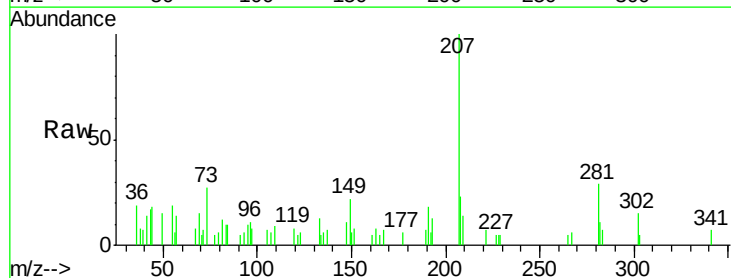
Instrument :
 BNA_F
 ClientSampleId :
 SB-17AS

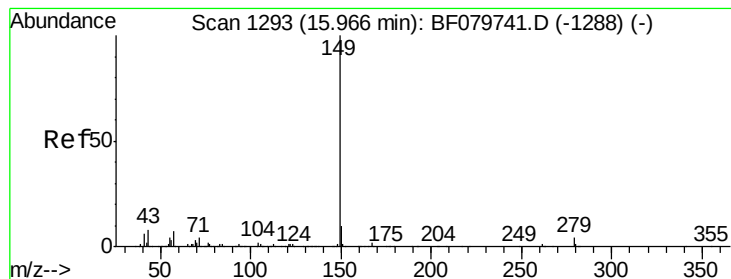
Tot Ion:228 Resp: 23706
 Ion Ratio Lower Upper
 228 100
 226 31.7 25.2 37.8
 229 21.5 16.2 24.4



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.23 ng
 RT: 14.86 min Scan# 1196
 Delta R.T. -0.10 min
 Lab File: BF079751.D
 Acq: 6 Jun 2015 3:04

Tgt Ion:149 Resp: 2312
 Ion Ratio Lower Upper
 149 100
 167 32.5 20.9 31.3#
 279 0.0 2.2 3.2#





#84

Di-n-octyl phthalate

Concen: 0.05 ng

RT: 15.65 min Scan# 1265

Delta R.T. -0.10 min

Lab File: BF079751.D

Acq: 6 Jun 2015 3:04

Instrument :

BNA_F

ClientSampleId :

SB-17AS

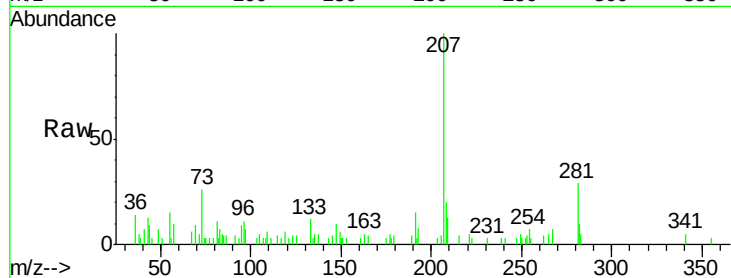
Tot Ion:149 Resp: 822

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

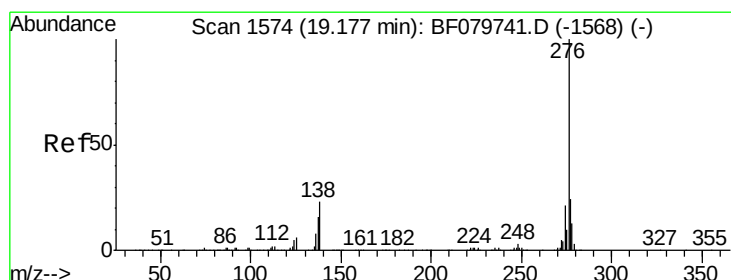
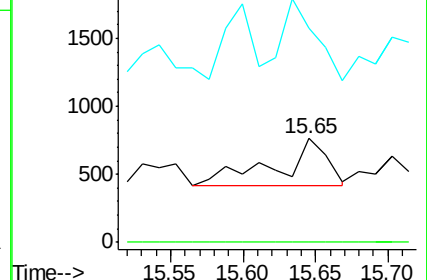
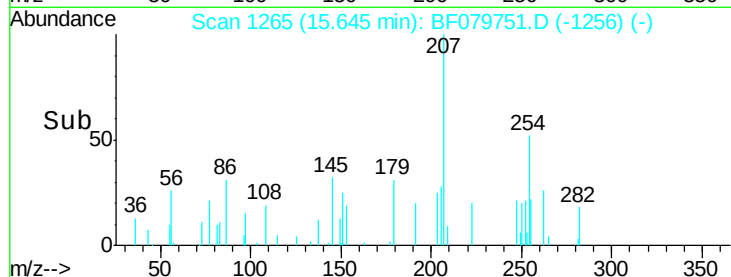
43 116.4 9.0 13.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 1.25 ng

RT: 18.79 min Scan# 1540

Delta R.T. -0.16 min

Lab File: BF079751.D

Acq: 6 Jun 2015 3:04

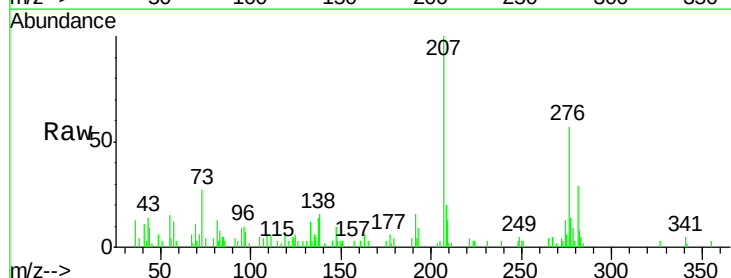
Tgt Ion:276 Resp: 20810

Ion Ratio Lower Upper

276 100

138 26.1 20.8 31.2

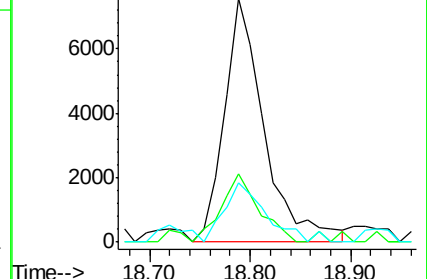
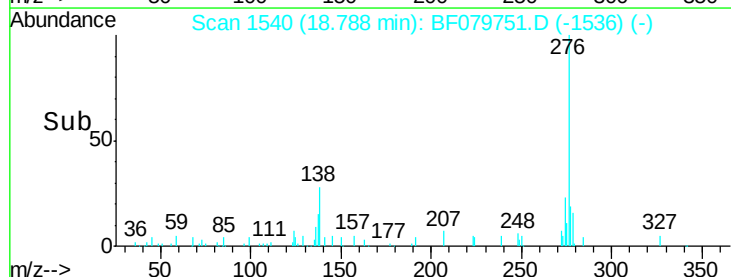
277 25.6 20.0 30.0

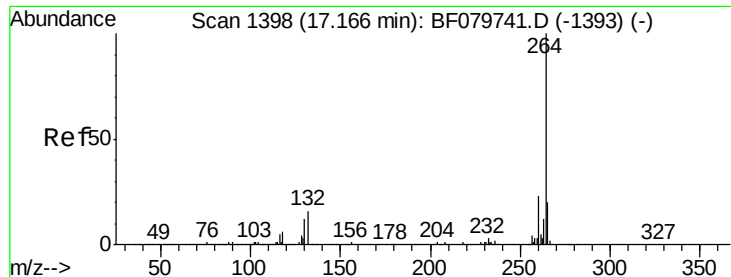


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



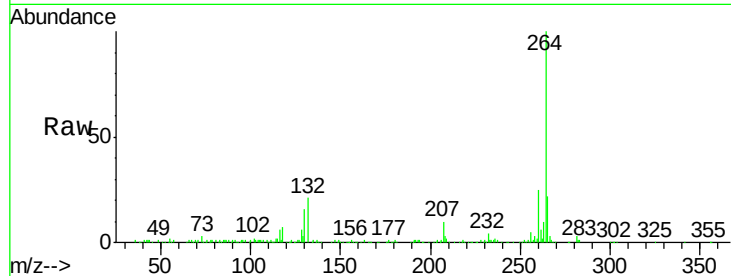


#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.81 min Scan# 1367
Delta R.T. -0.14 min
Lab File: BF079751.D
Acq: 6 Jun 2015 3:04

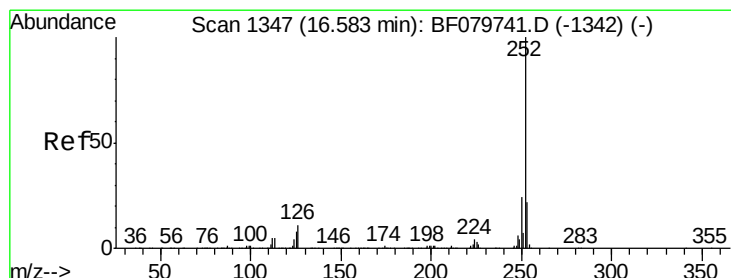
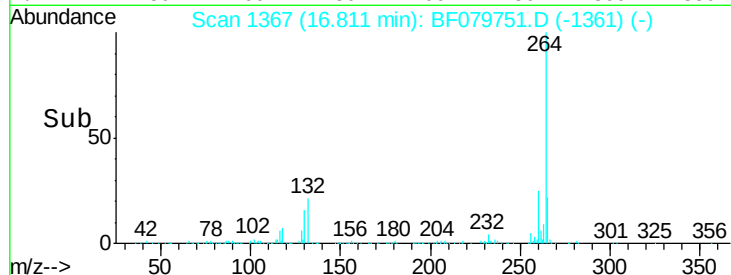
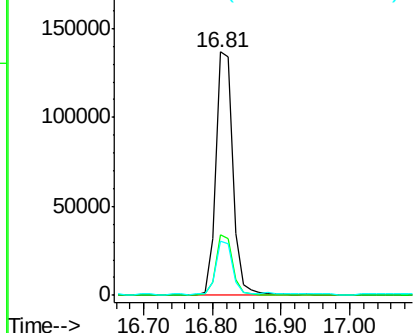
Instrument :
BNA_F
ClientSampleId :
SB-17AS

Tot Ion:264 Resp: 244764

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.6	27.8
265	22.4	18.2	27.4



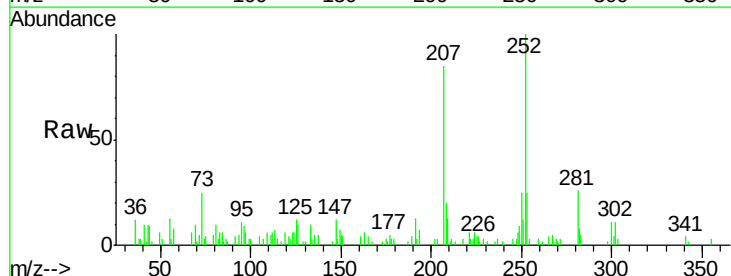
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



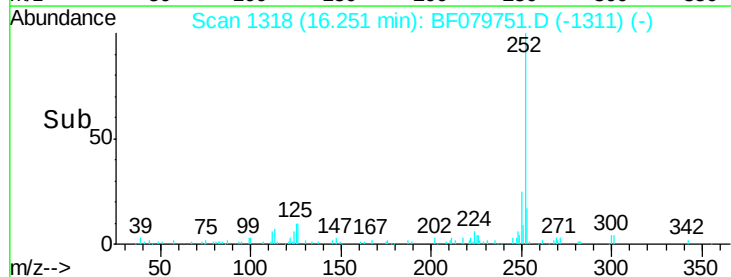
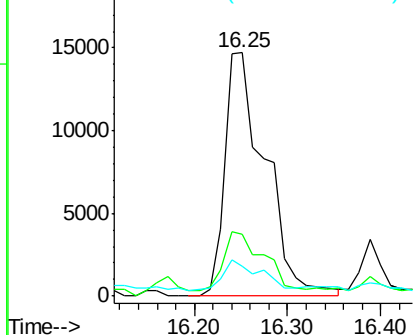
#87
Benzo(b)fluoranthene
Concen: 2.92 ng
RT: 16.25 min Scan# 1318
Delta R.T. -0.13 min
Lab File: BF079751.D
Acq: 6 Jun 2015 3:04

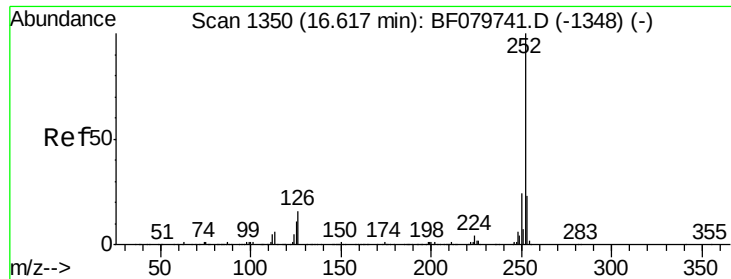
Tgt Ion:252 Resp: 44465

Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.4	26.2
125	12.5	6.5	9.7#



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

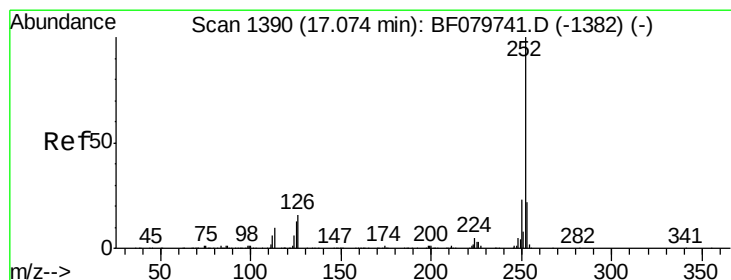
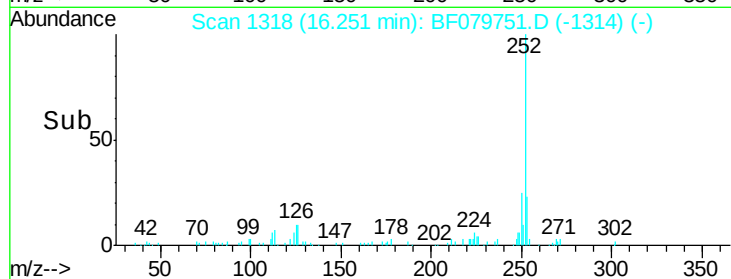
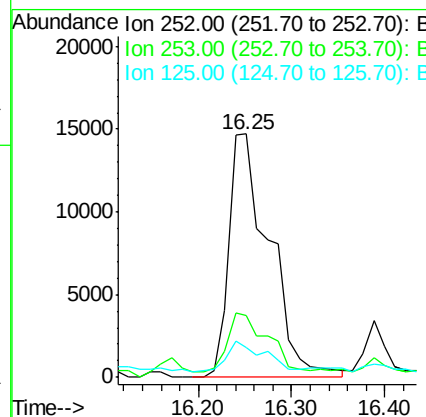
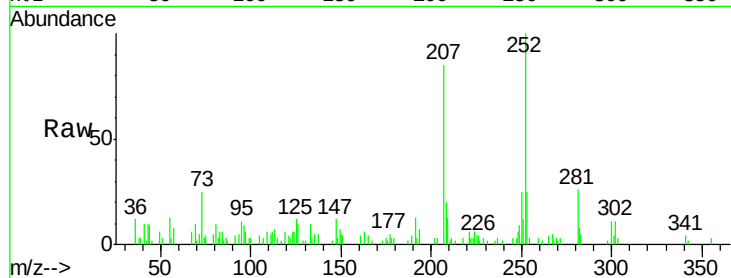




#88
Benzo(k)fluoranthene
Concen: 3.05 ng
RT: 16.25 min Scan# 1318
Delta R.T. -0.16 min
Lab File: BF079751.D
Acq: 6 Jun 2015 3:04

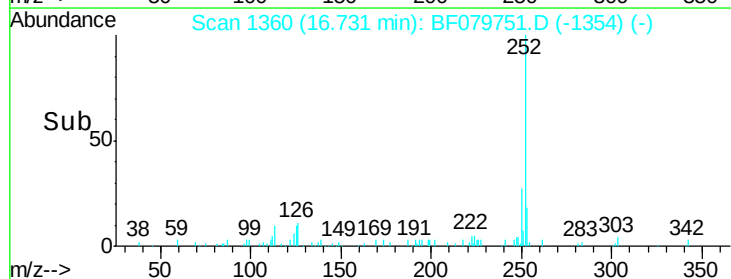
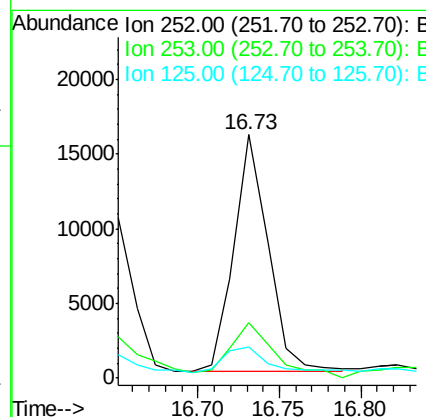
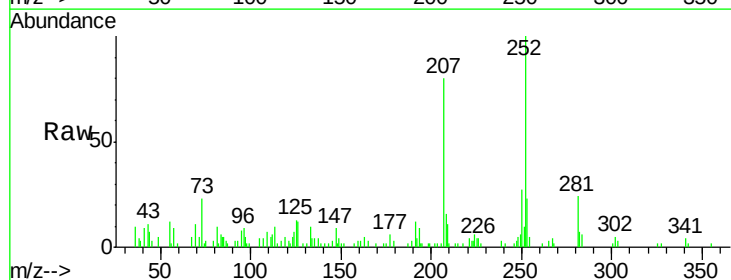
Instrument :
BNA_F
ClientSampleId :
SB-17AS

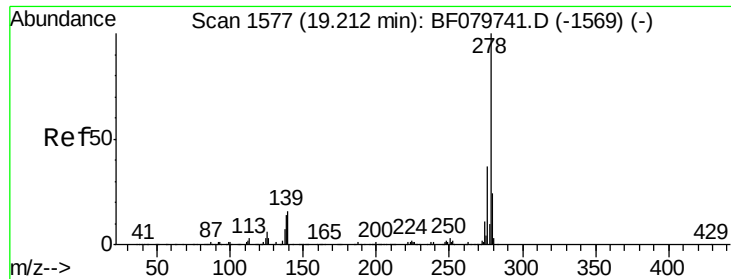
Tot Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.8	26.8
125	12.5	8.4	12.6



#89
Benzo(a)pyrene
Concen: 1.64 ng
RT: 16.73 min Scan# 1360
Delta R.T. -0.14 min
Lab File: BF079751.D
Acq: 6 Jun 2015 3:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.6	26.4
125	12.7	7.4	11.0#





#90

Dibenzo(a,h)anthracene

Concen: 0.69 ng

RT: 18.81 min Scan# 1542

Delta R.T. -0.16 min

Lab File: BF079751.D

Acq: 6 Jun 2015 3:04

Instrument :

BNA_F

ClientSampleId :

SB-17AS

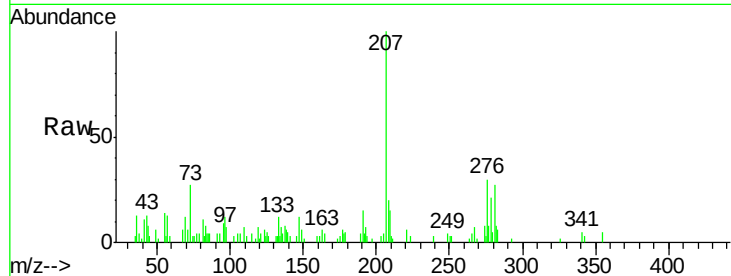
Tot Ion:278 Resp: 9394

Ion Ratio Lower Upper

278 100

139 23.4 12.7 19.1#

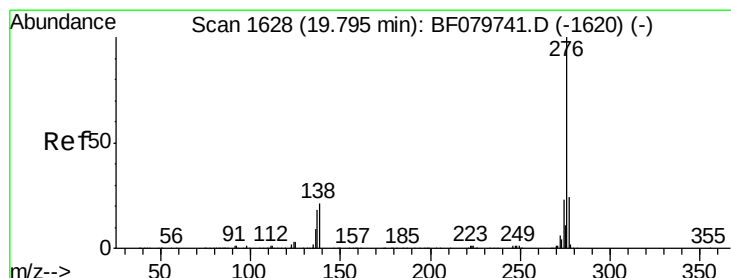
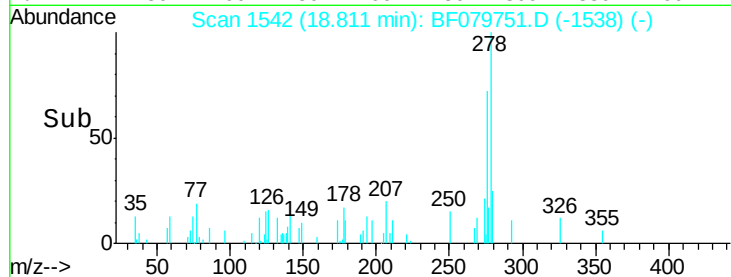
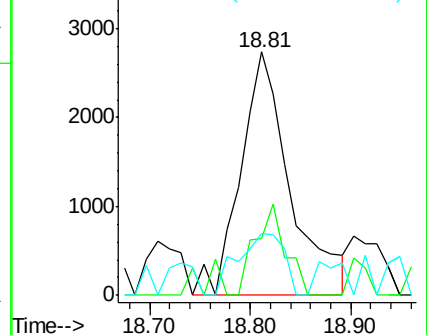
279 25.3 19.4 29.2



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: 1.51 ng

RT: 19.39 min Scan# 1593

Delta R.T. -0.17 min

Lab File: BF079751.D

Acq: 6 Jun 2015 3:04

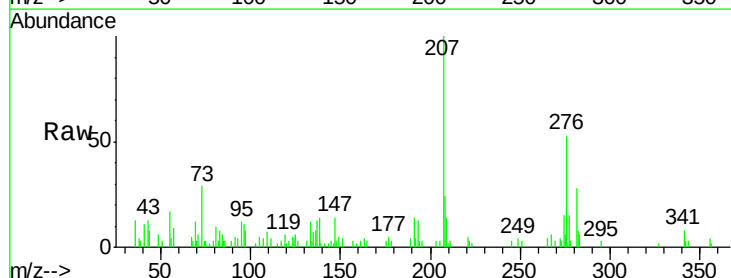
Tgt Ion:276 Resp: 21136

Ion Ratio Lower Upper

276 100

277 28.4 18.8 28.2#

138 33.8 18.2 27.2#



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

