

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF043015\
 Data File : BF078861.D
 Acq On : 30 Apr 2015 21:47
 Operator : TP/IZ
 Sample : G2067-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SINGSING-SS2-0-6

Quant Time: May 01 00:44:41 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 01 00:31:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	79638	20.00	ng	0.00
21) Naphthalene-d8	8.95	136	323130	20.00	ng	0.00
38) Acenaphthene-d10	11.12	164	151116	20.00	ng	-0.01
63) Phenanthrene-d10	12.97	188	300864	20.00	ng	0.00
75) Chrysene-d12	16.26	240	306316	20.00	ng	-0.01
86) Perylene-d12	18.01	264	318089	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.67	112	671006	145.04	ng	0.00
7) Phenol-d6	6.91	99	895786	146.48	ng	0.00
23) Nitrobenzene-d5	8.06	82	501475	89.19	ng	0.00
41) 2,4,6-Tribromophenol	12.10	330	248514	152.02	ng	0.00
44) 2-Fluorobiphenyl	10.30	172	1100694	101.48	ng	0.00
78) Terphenyl-d14	14.97	244	1297561	101.42	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.33	88	326	0.16	ng	# 88
4) n-Nitrosodimethylamine	2.99	42	233	0.09	ng	# 1
10) Phenol	6.94	94	4225	0.60	ng	# 96
11) bis(2-Chloroethyl)ether	7.07	93	1234	0.24	ng	# 1
15) Benzyl Alcohol	7.55	79	9792	2.16	ng	# 52
24) Nitrobenzene	8.06	77	1446	0.26	ng	# 39
25) Isophorone	8.38	82	617	0.06	ng	# 69
27) 2,4-Dimethylphenol	8.57	122	2156	0.47	ng	# 4
31) Naphthalene	8.97	128	311	0.02	ng	# 68
32) Benzoic acid	8.57	122	2156	6.96	ng	# 75
37) 2-Methylnaphthalene	9.83	142	339	0.03	ng	# 80
45) 1,1'-Biphenyl	10.41	154	211	0.02	ng	# 43
48) Acenaphthylene	10.95	152	390	0.03	ng	# 60
49) Dimethylphthalate	10.80	163	76756	6.92	ng	# 99
50) 2,6-Dinitrotoluene	10.80	165	824	0.38	ng	# 12
51) Acenaphthene	11.16	154	732	0.08	ng	# 98
54) Dibenzofuran	11.38	168	1280	0.10	ng	# 79
57) Fluorene	11.81	166	2103	0.19	ng	# 93
59) Diethylphthalate	11.68	149	1013	0.09	ng	# 59
70) Phenanthrene	12.99	178	26192	1.56	ng	# 99
71) Anthracene	13.06	178	7733	0.47	ng	# 97
72) Carbazole	13.27	167	3546	0.23	ng	# 96
73) Di-n-butylphthalate	13.71	149	2162	0.11	ng	# 77
74) Fluoranthene	14.48	202	30388	1.73	ng	# 95
77) Pyrene	14.75	202	24388	1.38	ng	# 92
79) Butylbenzylphthalate	15.59	149	254	0.03	ng	# 60
80) Benzo(a)anthracene	16.25	228	13445	0.80	ng	# 97
82) Chrysene	16.25	228	13448	0.83	ng	# 94
83) Bis(2-ethylhexyl)phthalate	16.31	149	2496	0.21	ng	# 93
84) Di-n-octyl phthalate	17.11	149	487	0.02	ng	# 100
85) Indeno(1,2,3-cd)pyrene	19.52	276	5773	0.28	ng	# 100
87) Benzo(b)fluoranthene	17.55	252	17613	1.01	ng	# 86
88) Benzo(k)fluoranthene	17.55	252	17614	1.05	ng	# 87
89) Benzo(a)pyrene	17.94	252	9230	0.58	ng	# 85

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QLast Update : Fri May 01 00:31:00 2015
Response via : Initial Calibration

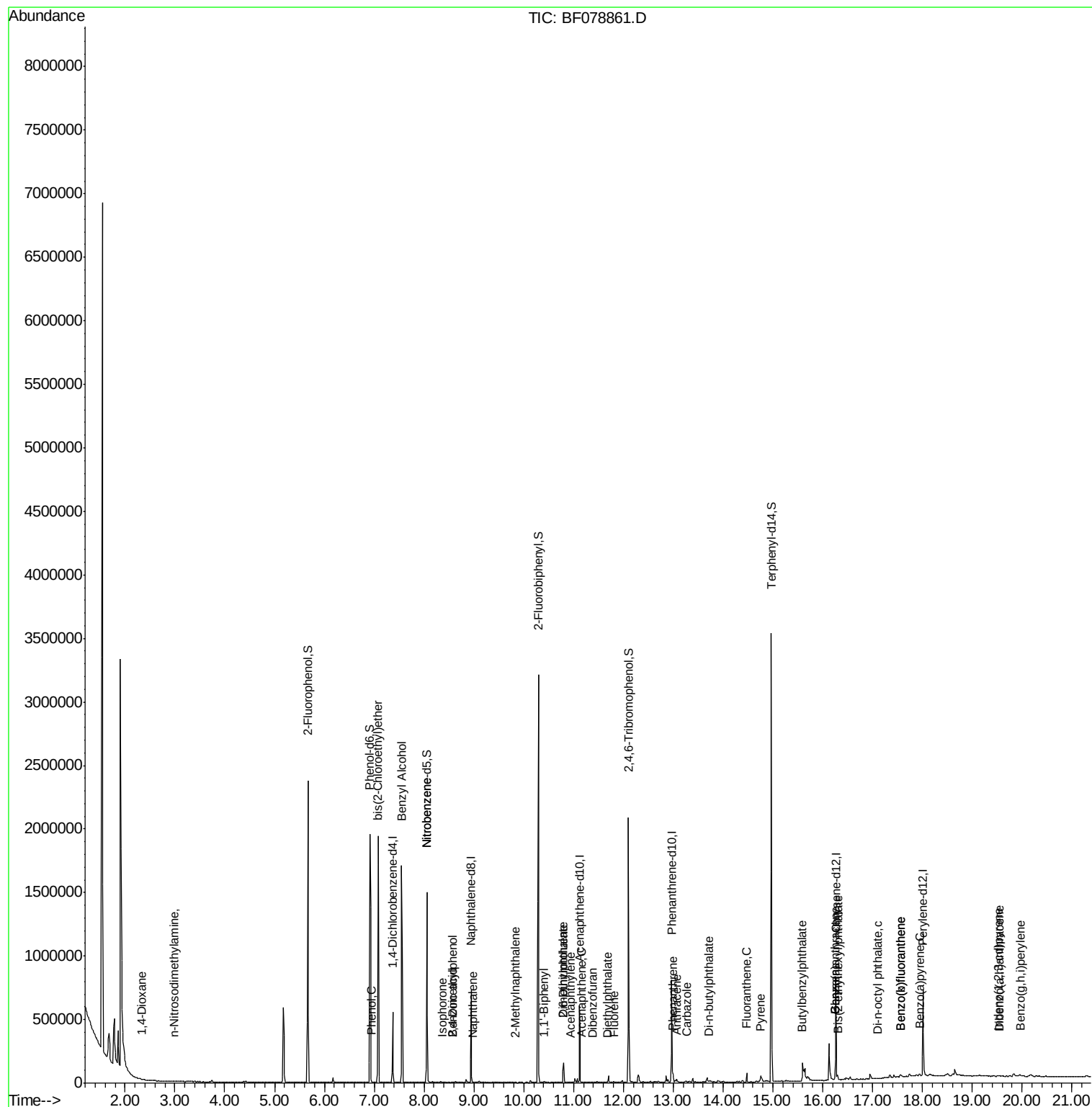
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Dibenzo(a,h)anthracene	19.54	278	1802	0.11	ng	# 66
91) Benzo(g,h,i)perylene	19.97	276	5734	0.34	ng	93

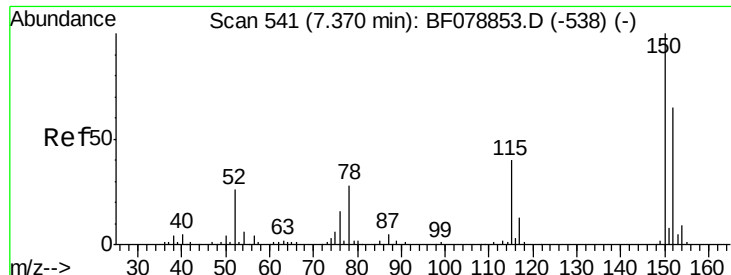
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.37 min Scan# 541

Delta R.T. -0.00 min

Lab File: BF078861.D

Acq: 30 Apr 2015 21:47

Instrument :

BNA_F

ClientSampleId :

SINGSING-SS2-0-6

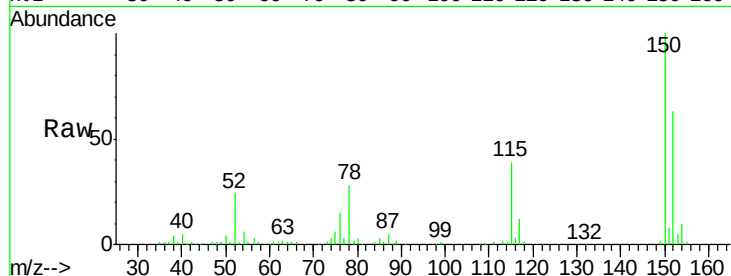
Tgt Ion:152 Resp: 79638

Ion Ratio Lower Upper

152 100

150 159.1 122.0 183.0

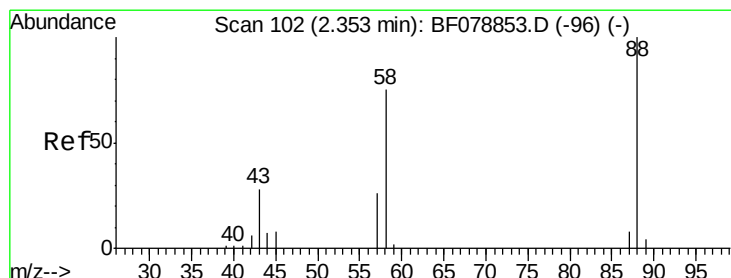
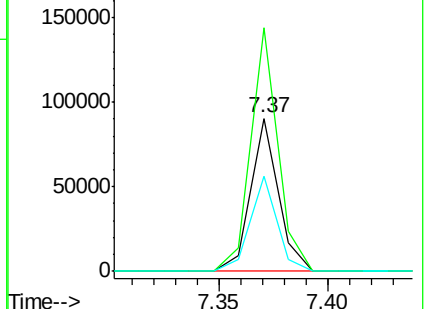
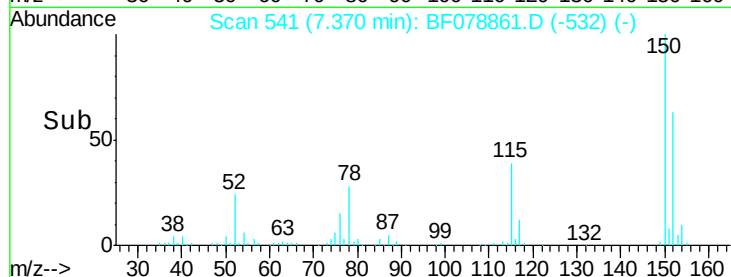
115 62.0 46.3 69.5



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



#2

1,4-Dioxane

Concen: 0.16 ng

RT: 2.33 min Scan# 100

Delta R.T. -0.02 min

Lab File: BF078861.D

Acq: 30 Apr 2015 21:47

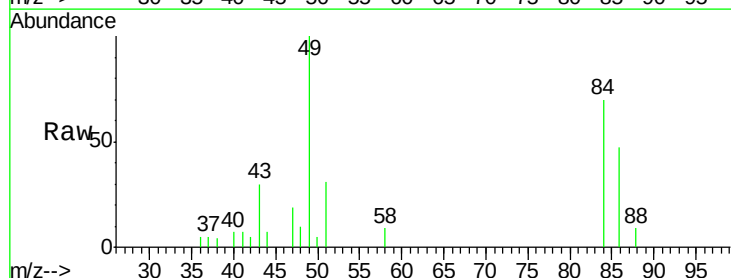
Tgt Ion: 88 Resp: 326

Ion Ratio Lower Upper

88 100

58 248.8 0.0 0.0#

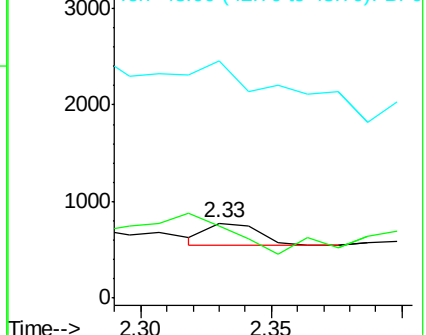
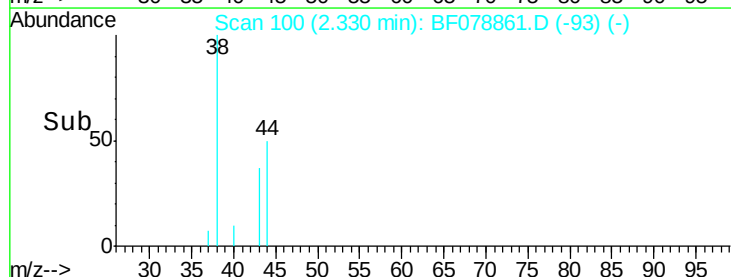
43 0.0 3.3 4.9#

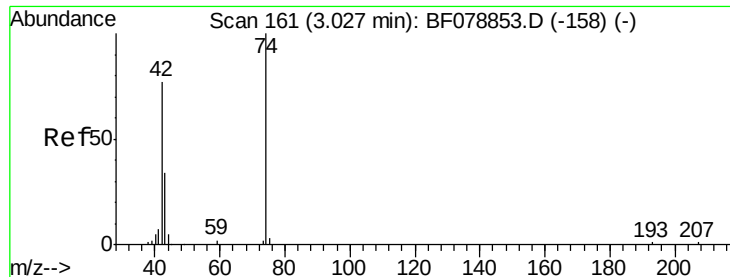


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#4

n-Nitrosodimethylamine

Concen: 0.09 ng

RT: 2.99 min Scan# 158

Delta R.T. -0.03 min

Lab File: BF078861.D

Acq: 30 Apr 2015 21:47

Instrument :

BNA_F

ClientSampleId :

SINGSING-SS2-0-6

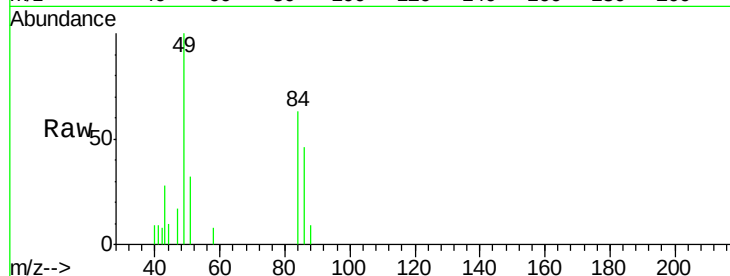
Tgt Ion: 42 Resp: 233

Ion Ratio Lower Upper

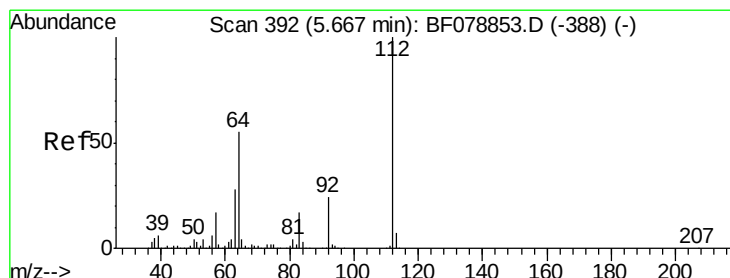
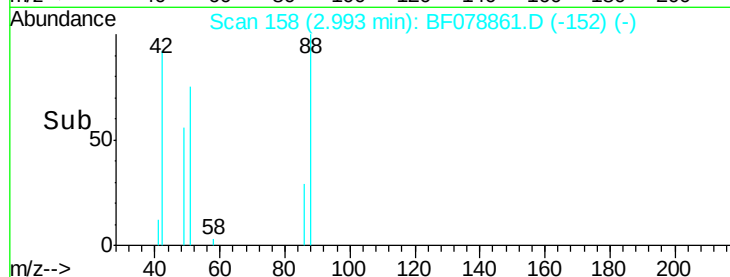
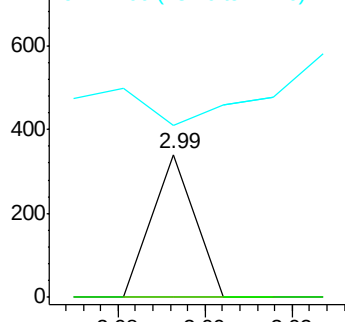
42 100

74 0.0 96.5 144.7#

44 120.3 6.1 9.1#



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0



#5

2-Fluorophenol

Concen: 145.04 ng

RT: 5.67 min Scan# 392

Delta R.T. -0.00 min

Lab File: BF078861.D

Acq: 30 Apr 2015 21:47

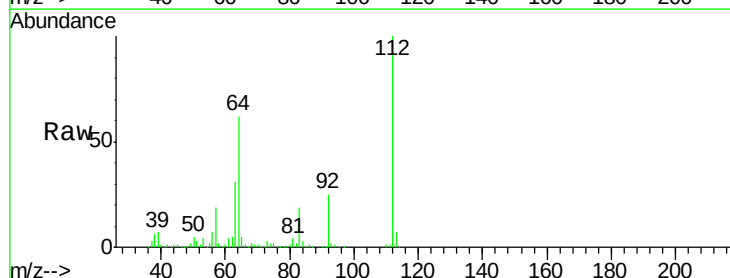
Tgt Ion: 112 Resp: 671006

Ion Ratio Lower Upper

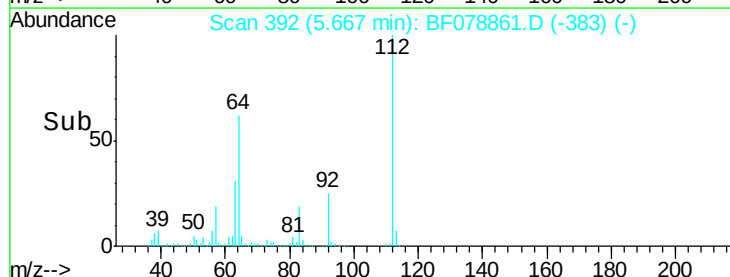
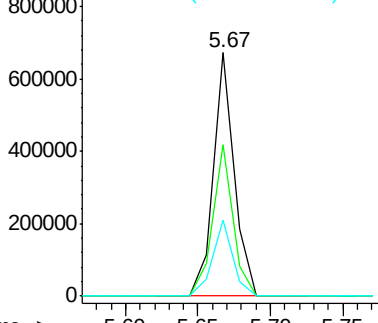
112 100

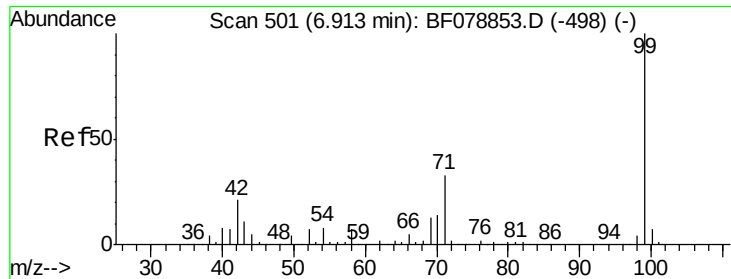
64 62.3 53.5 80.3

63 31.2 27.5 41.3



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: 146.48 ng

RT: 6.91 min Scan# 501

Delta R.T. -0.00 min

Lab File: BF078861.D

Acq: 30 Apr 2015 21:47

Instrument :

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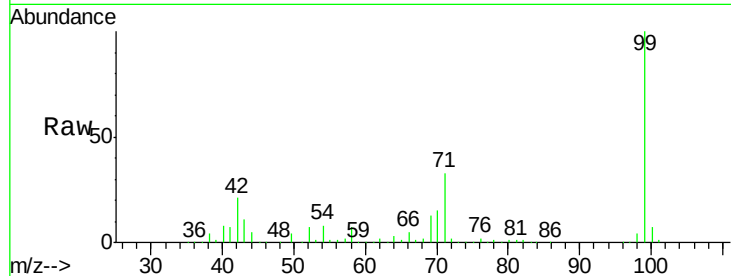
Tgt Ion: 99 Resp: 895786

Ion Ratio Lower Upper

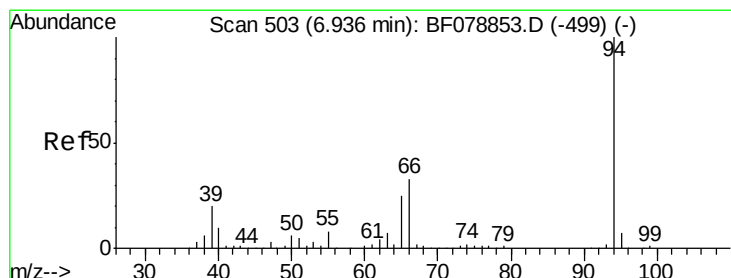
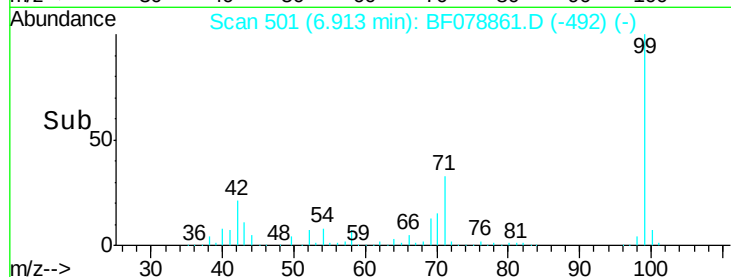
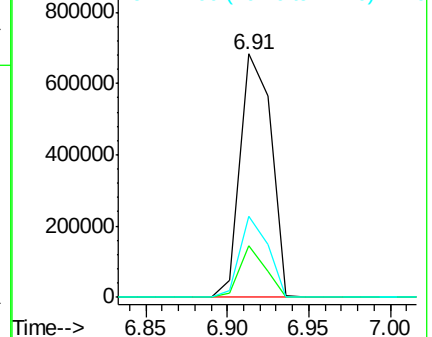
99 100

42 21.3 12.8 19.2#

71 33.5 23.4 35.2



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: 0.60 ng

RT: 6.94 min Scan# 503

Delta R.T. -0.00 min

Lab File: BF078861.D

Acq: 30 Apr 2015 21:47

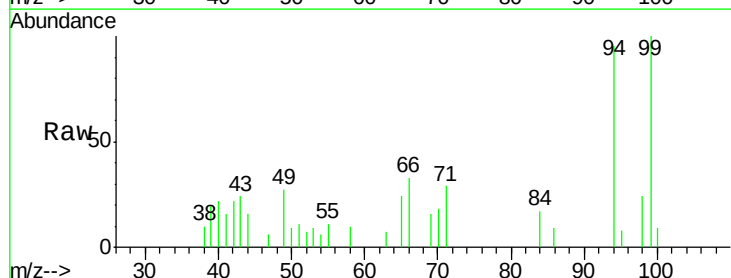
Tgt Ion: 94 Resp: 4225

Ion Ratio Lower Upper

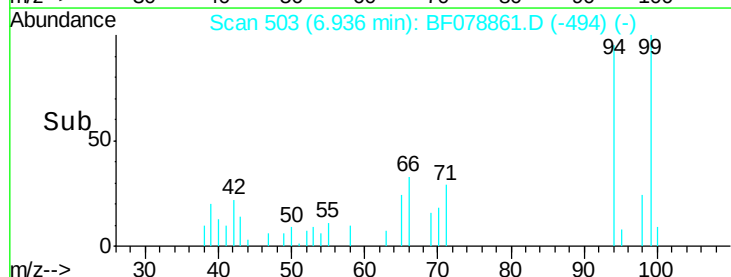
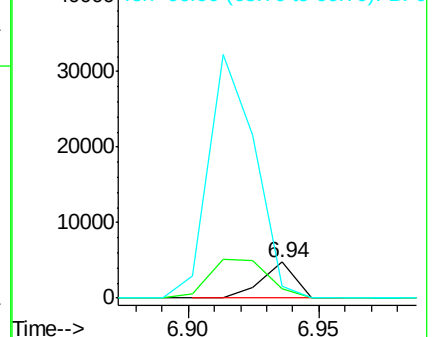
94 100

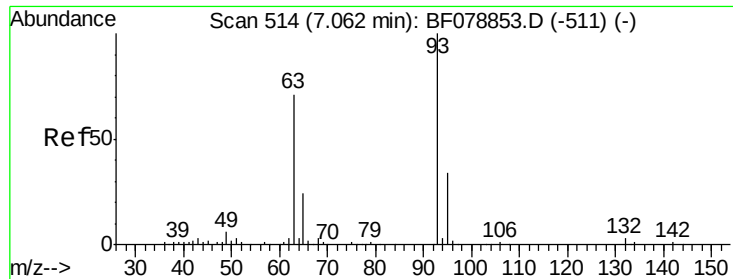
65 25.3 8.5 48.5

66 34.3 16.0 56.0



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

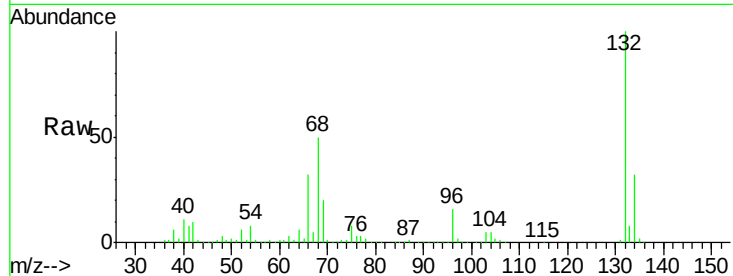




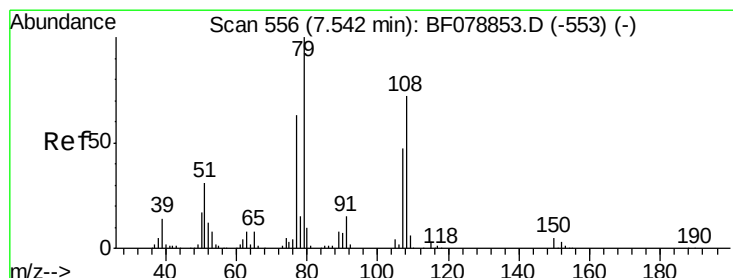
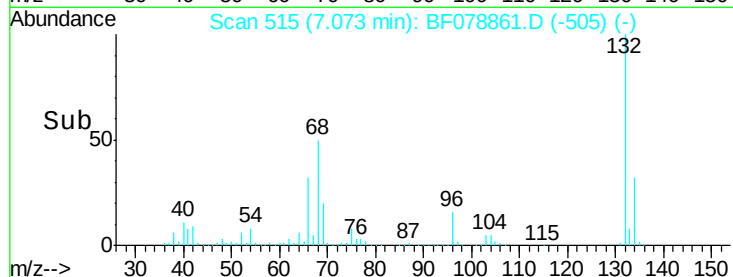
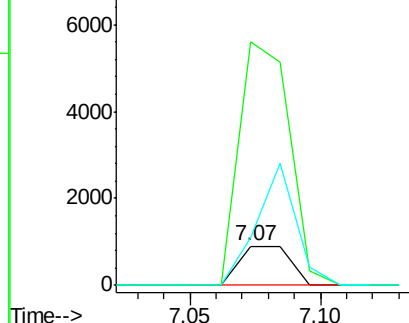
#11
bis(2-Chloroethyl)ether
Concen: 0.24 ng
RT: 7.07 min Scan# 515
Delta R.T. 0.01 min
Lab File: BF078861.D
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Tgt Ion: 93 Resp: 1234
Ion Ratio Lower Upper
93 100
63 619.9 64.8 104.8#
95 120.1 12.4 52.4#

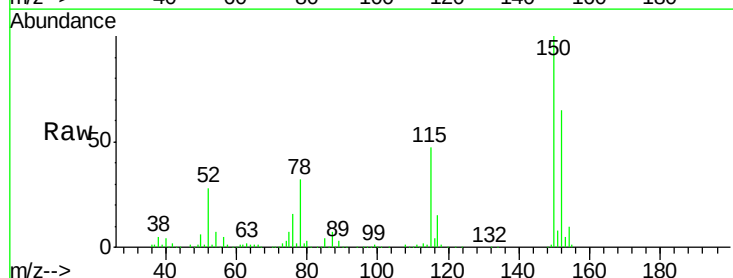


Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0

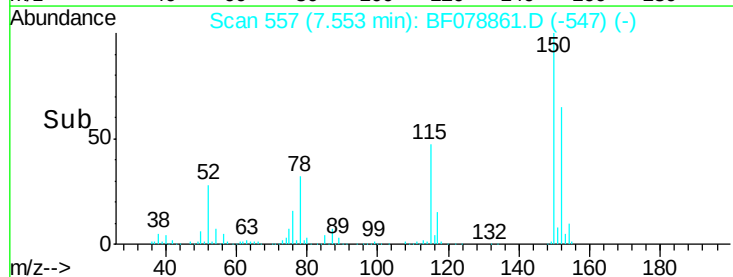
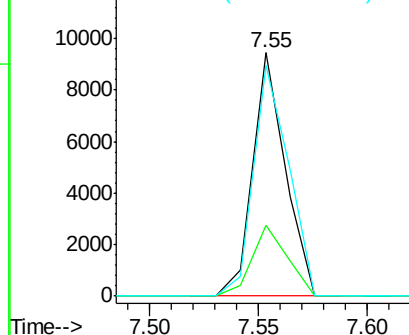


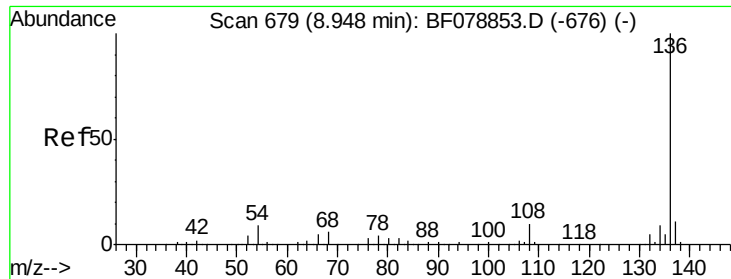
#15
Benzyl Alcohol
Concen: 2.16 ng
RT: 7.55 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF078861.D
Acq: 30 Apr 2015 21:47

Tgt Ion: 79 Resp: 9792
Ion Ratio Lower Upper
79 100
108 28.9 62.5 93.7#
77 95.0 52.2 78.4#



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0

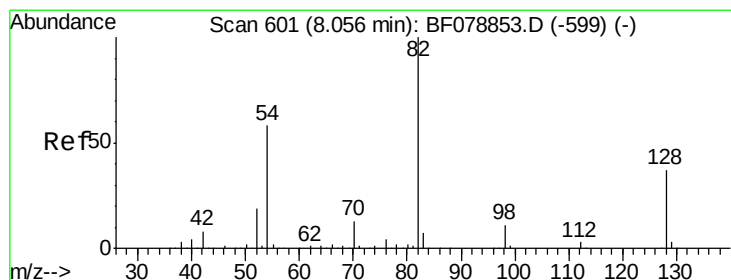
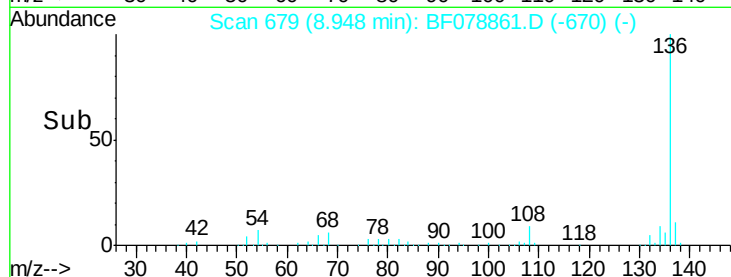
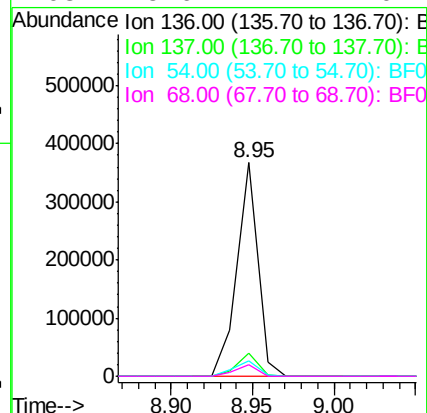
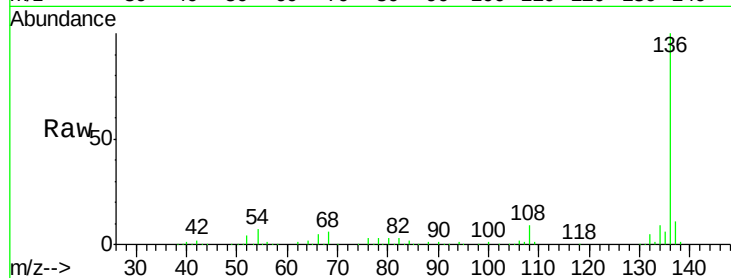




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.95 min Scan# 679
Delta R.T. -0.00 min
Lab File: BF078861.D
Acq: 30 Apr 2015 21:47

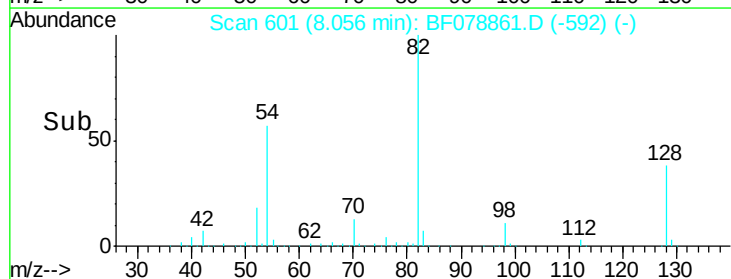
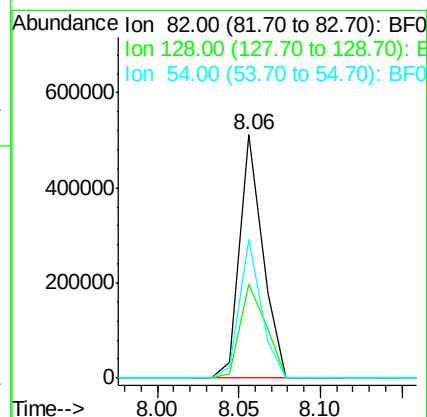
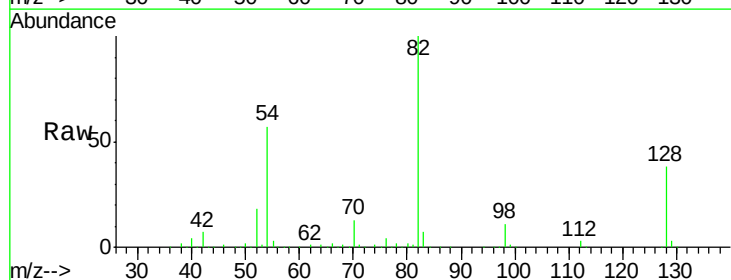
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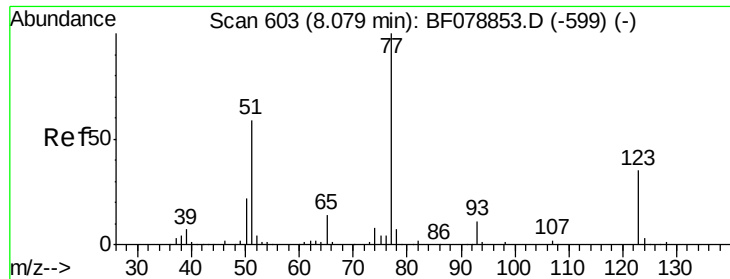
Tgt Ion:	136	Resp:	323130
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	7.2	5.8	8.8
68	5.6	4.2	6.4



#23
Nitrobenzene-d5
Concen: 89.19 ng
RT: 8.06 min Scan# 601
Delta R.T. -0.00 min
Lab File: BF078861.D
Acq: 30 Apr 2015 21:47

Tgt Ion:	82	Resp:	501475
Ion	Ratio	Lower	Upper
82	100		
128	38.5	30.0	45.0
54	57.0	46.4	69.6

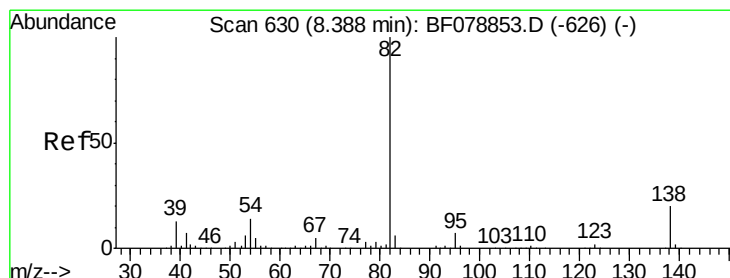
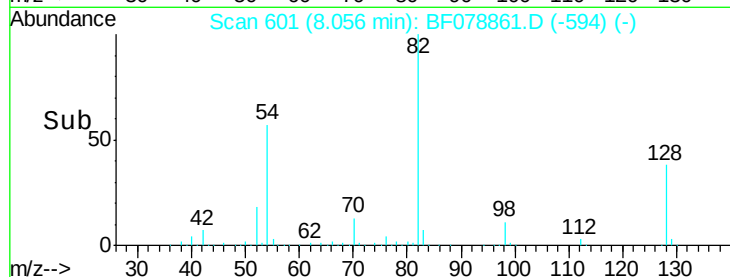
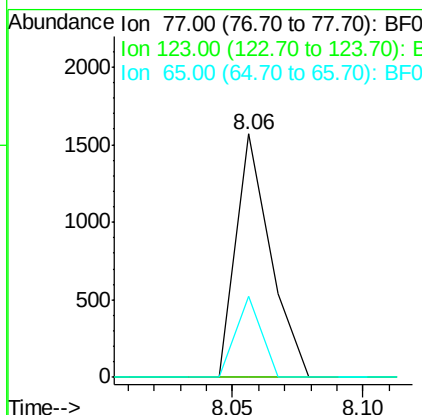
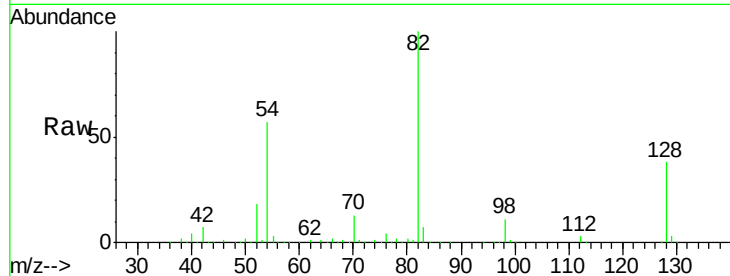




#24
 Nitrobenzene
 Concen: 0.26 ng
 RT: 8.06 min Scan# 601
 Delta R.T. -0.02 min
 Lab File: BF078861.D
 Acq: 30 Apr 2015 21:47

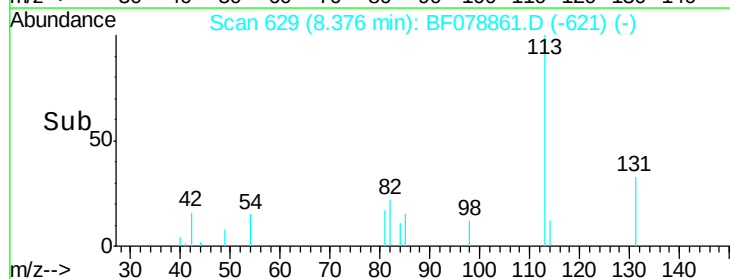
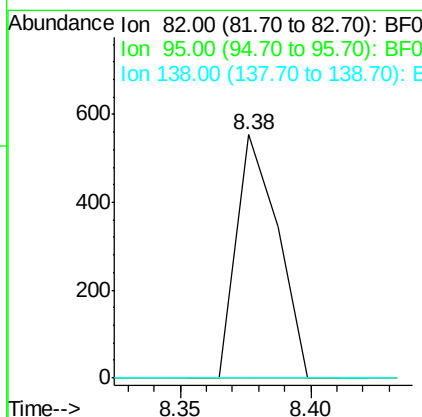
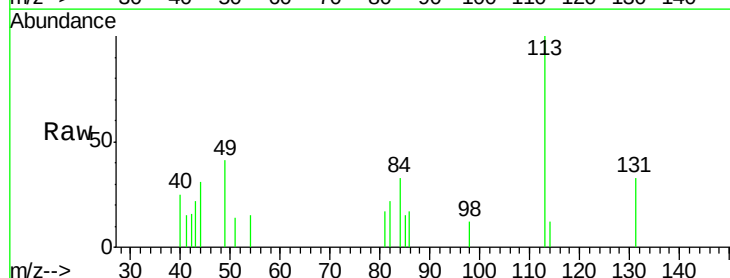
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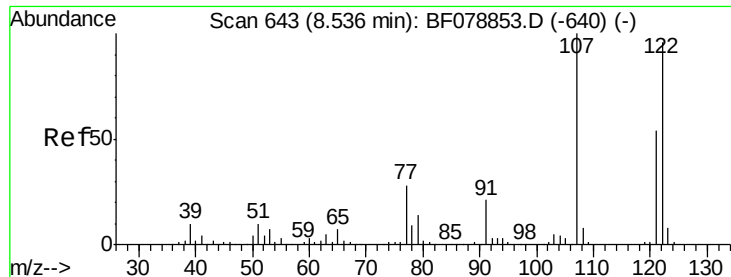
Tgt Ion: 77 Resp: 1446
 Ion Ratio Lower Upper
 77 100
 123 0.0 31.8 47.8#
 65 33.2 10.6 15.8#



#25
 Isophorone
 Concen: 0.06 ng
 RT: 8.38 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: BF078861.D
 Acq: 30 Apr 2015 21:47

Tgt Ion: 82 Resp: 617
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.3 7.9#
 138 0.0 12.0 18.0#

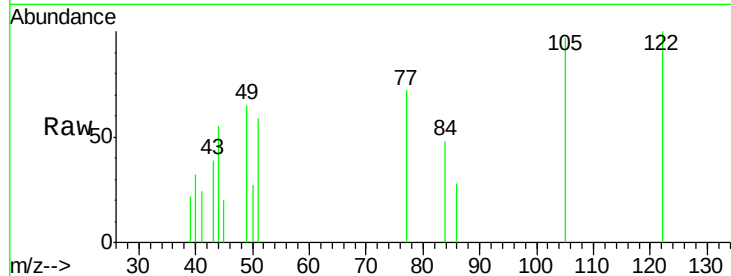




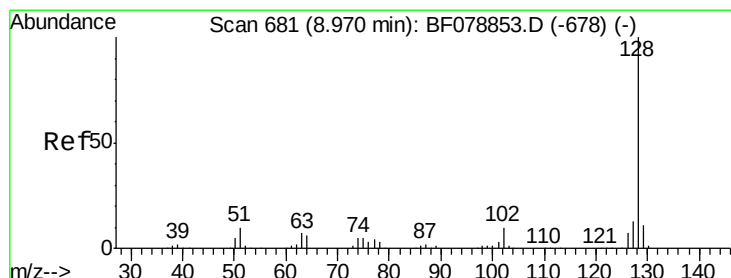
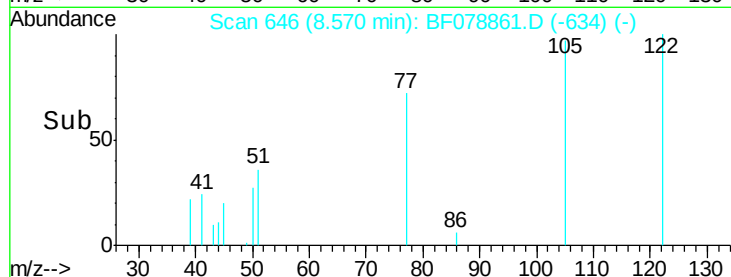
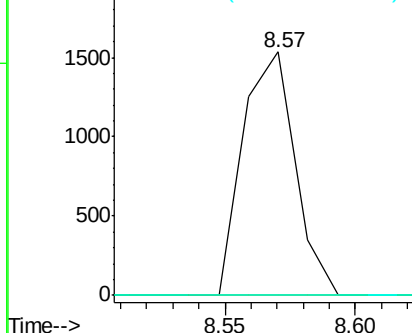
#27
 2,4-Dimethylphenol
 Concen: 0.47 ng
 RT: 8.57 min Scan# 646
 Delta R.T. 0.03 min
 Lab File: BF078861.D
 Acq: 30 Apr 2015 21:47

Instrument :
 BNA_F
 ClientSampleId :
 SINGSING-SS2-0-6

Tgt Ion:122 Resp: 2156
 Ion Ratio Lower Upper
 122 100
 107 0.0 90.6 135.8#
 121 0.0 45.4 68.2#

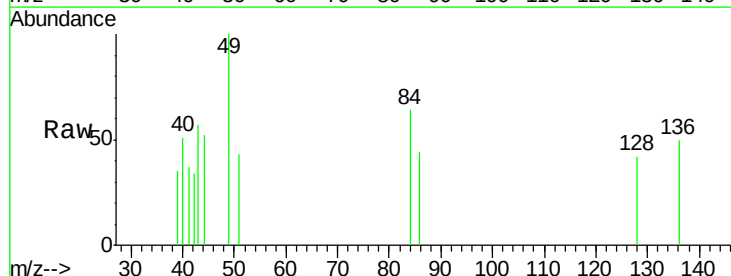


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

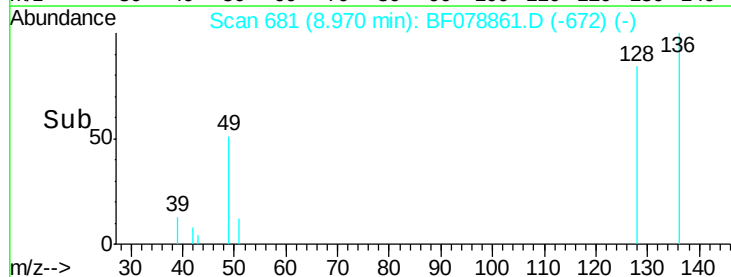
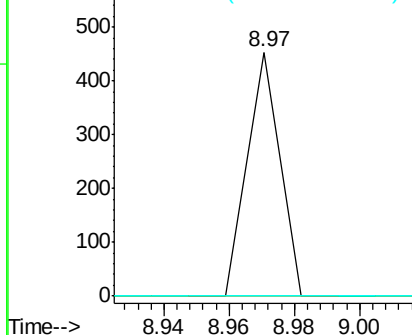


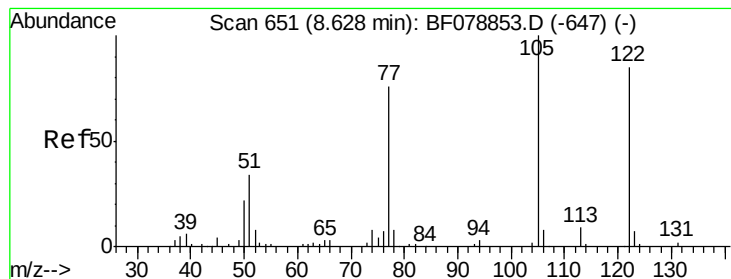
#31
 Naphthalene
 Concen: 0.02 ng
 RT: 8.97 min Scan# 681
 Delta R.T. -0.00 min
 Lab File: BF078861.D
 Acq: 30 Apr 2015 21:47

Tgt Ion:128 Resp: 311
 Ion Ratio Lower Upper
 128 100
 129 0.0 9.3 13.9#
 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





#32

Benzoic acid

Concen: 6.96 ng

RT: 8.57 min Scan# 646

Delta R.T. -0.06 min

Lab File: BF078861.D

Acq: 30 Apr 2015 21:47

Instrument :

BNA_F

ClientSampleId :

SINGSING-SS2-0-6

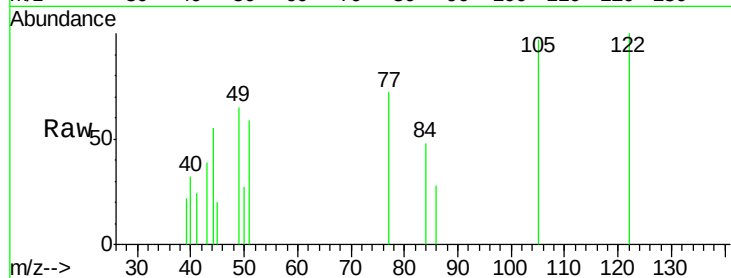
Tgt Ion:122 Resp: 2156

Ion Ratio Lower Upper

122 100

105 96.8 107.1 147.1#

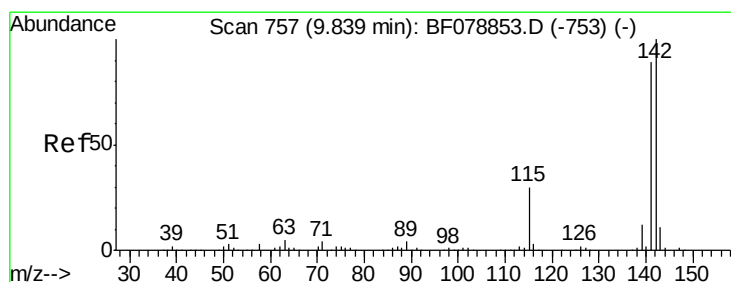
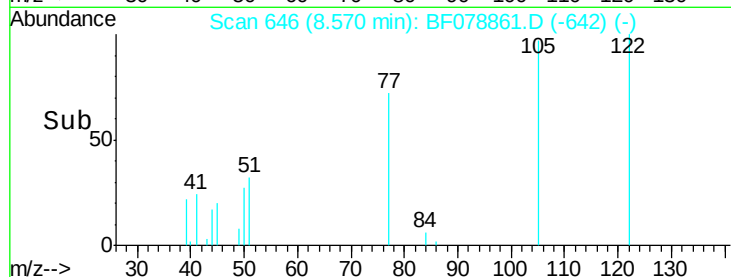
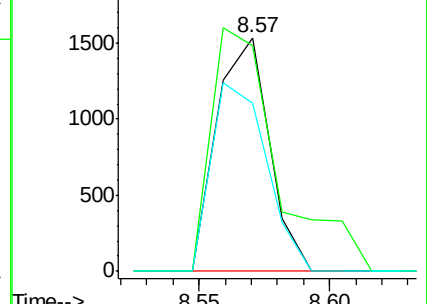
77 72.1 73.9 113.9#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#37

2-Methylnaphthalene

Concen: 0.03 ng

RT: 9.83 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF078861.D

Acq: 30 Apr 2015 21:47

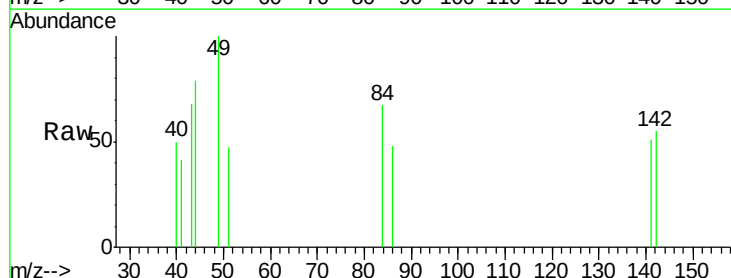
Tgt Ion:142 Resp: 339

Ion Ratio Lower Upper

142 100

141 92.3 70.9 106.3

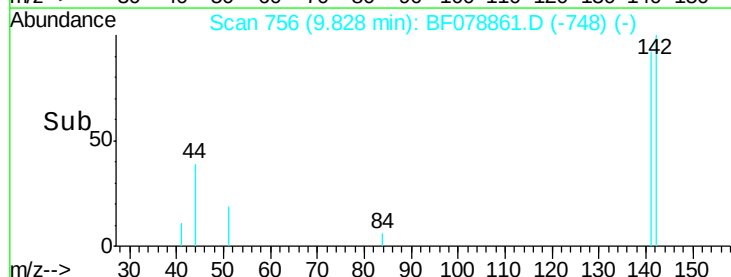
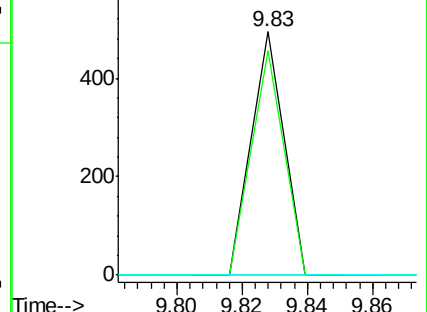
115 0.0 28.5 42.7#

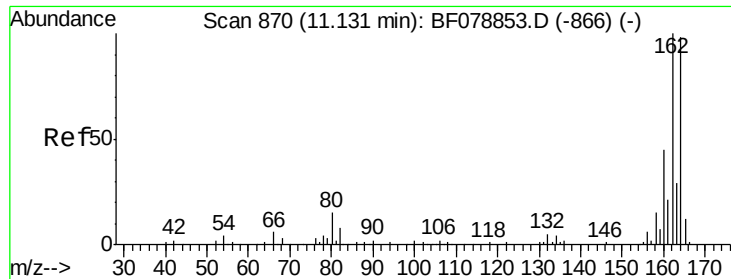


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

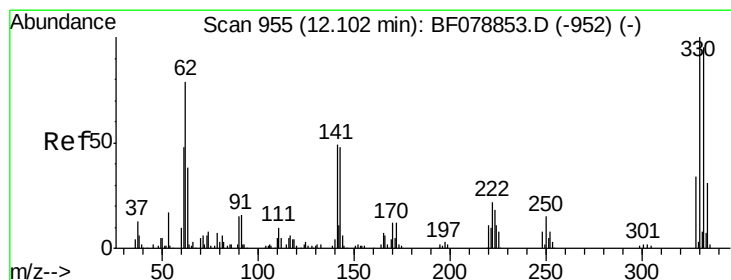
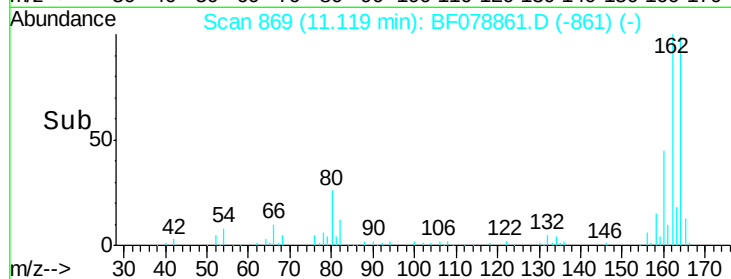
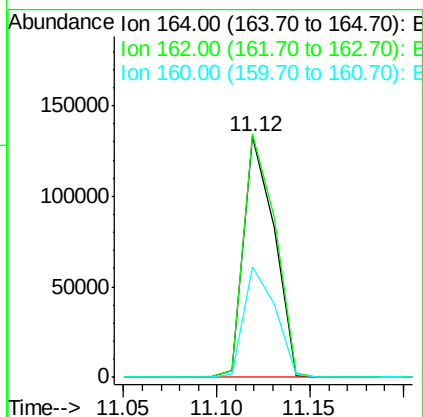
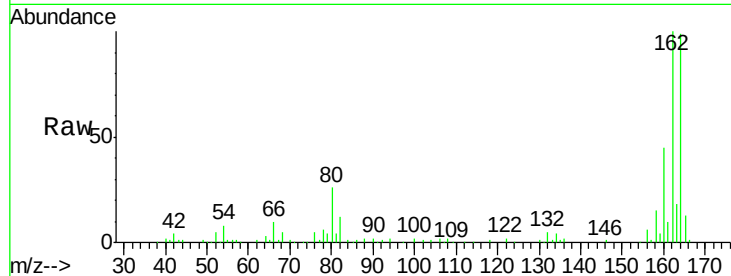




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.12 min Scan# 869
 Delta R.T. -0.01 min
 Lab File: BF078861.D
 Acq: 30 Apr 2015 21:47

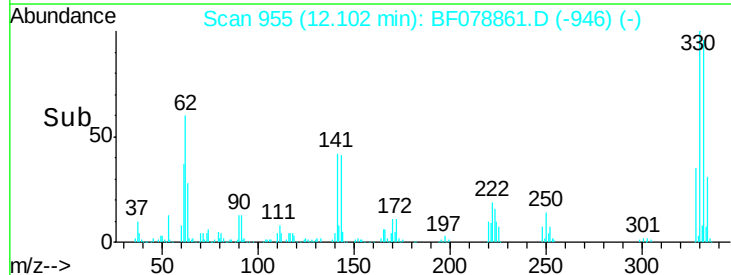
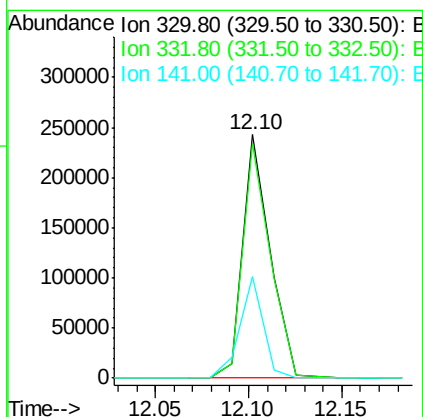
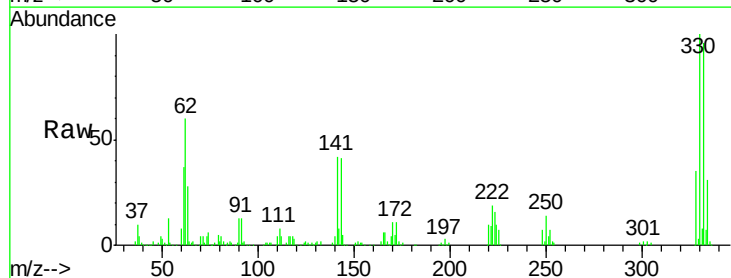
Instrument :
 BNA_F
 ClientSampleId :
 SINGSING-SS2-0-6

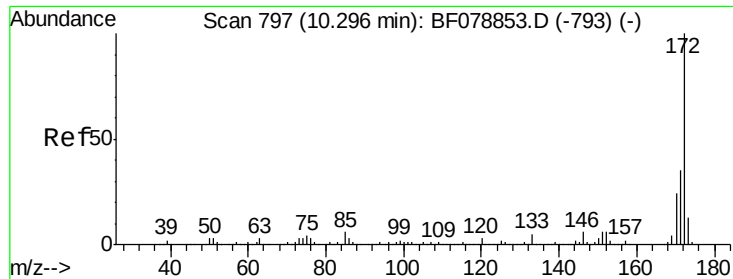
Tgt Ion:164 Resp: 151116
 Ion Ratio Lower Upper
 164 100
 162 101.1 82.7 124.1
 160 45.7 35.8 53.8



#41
 2,4,6-Tribromophenol
 Concen: 152.02 ng
 RT: 12.10 min Scan# 955
 Delta R.T. -0.00 min
 Lab File: BF078861.D
 Acq: 30 Apr 2015 21:47

Tgt Ion:330 Resp: 248514
 Ion Ratio Lower Upper
 330 100
 332 97.0 0.0 0.0#
 141 36.8 0.0 0.0#

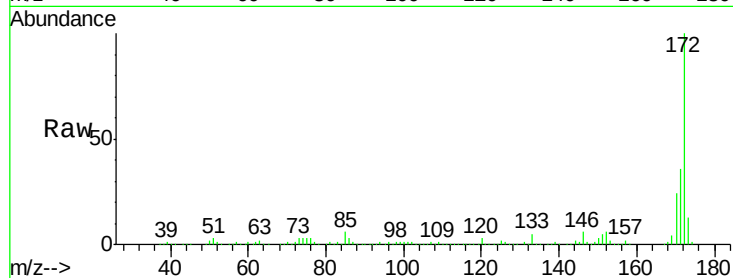




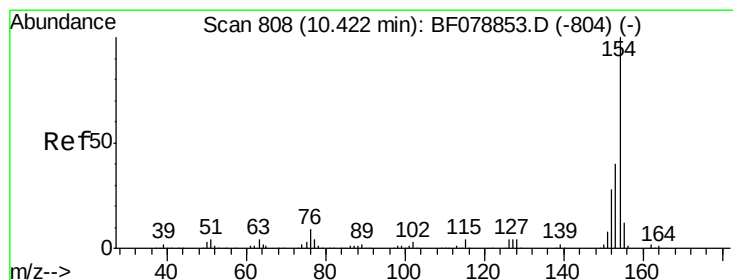
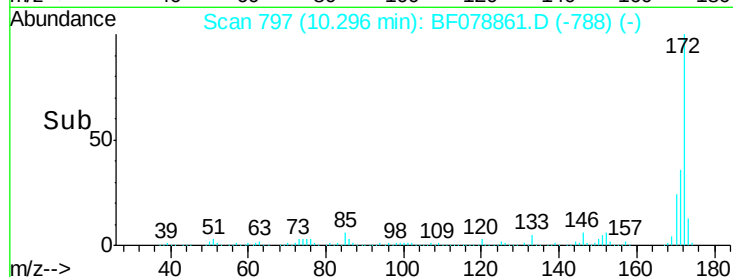
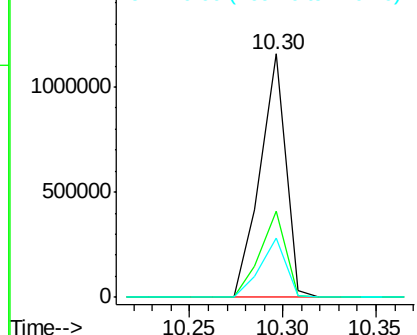
#44
 2-Fluorobiphenyl
 Concen: 101.48 ng
 RT: 10.30 min Scan# 797
 Delta R.T. -0.00 min
 Lab File: BF078861.D
 Acq: 30 Apr 2015 21:47

Instrument :
 BNA_F
 ClientSampleId :
 SINGSING-SS2-0-6

Tgt Ion:172 Resp: 1100694
 Ion Ratio Lower Upper
 172 100
 171 35.6 27.9 41.9
 170 24.2 19.4 29.0

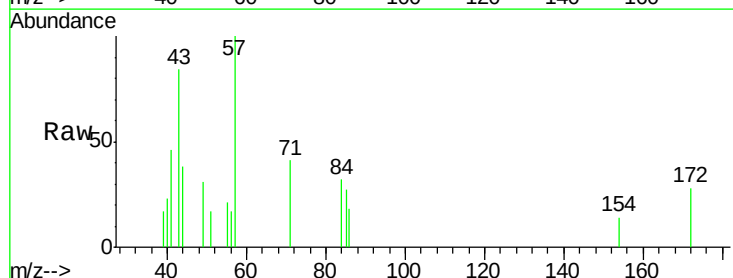


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

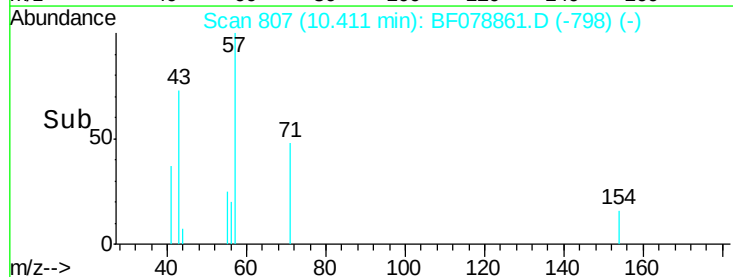
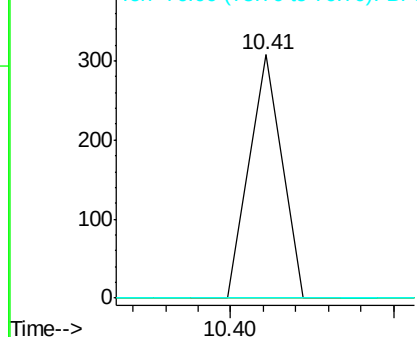


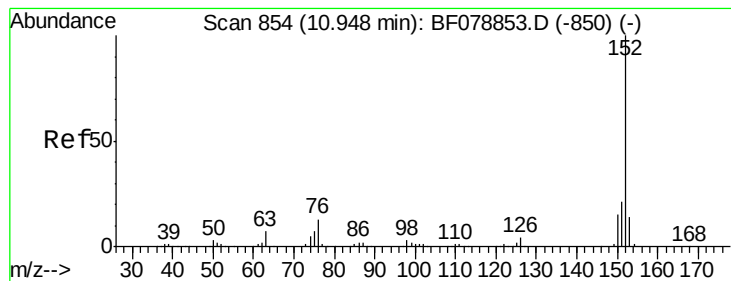
#45
 1,1'-Biphenyl
 Concen: 0.02 ng
 RT: 10.41 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF078861.D
 Acq: 30 Apr 2015 21:47

Tgt Ion:154 Resp: 211
 Ion Ratio Lower Upper
 154 100
 153 0.0 19.9 59.9#
 76 0.0 0.0 35.0



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0





#48

Acenaphthylene

Concen: 0.03 ng

RT: 10.95 min Scan# 854

Delta R.T. -0.00 min

Lab File: BF078861.D

Acq: 30 Apr 2015 21:47

Instrument :

BNA_F

ClientSampleId :

SINGSING-SS2-0-6

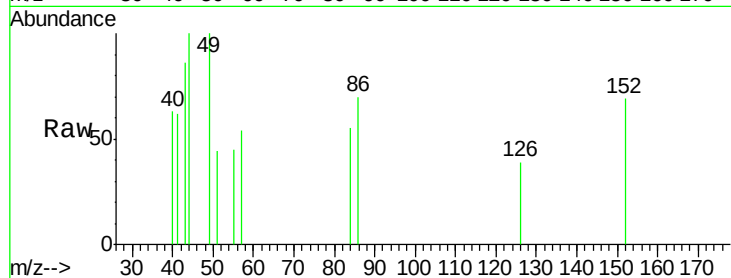
Tgt Ion:152 Resp: 390

Ion Ratio Lower Upper

152 100

151 0.0 16.2 24.4#

153 0.0 10.9 16.3#

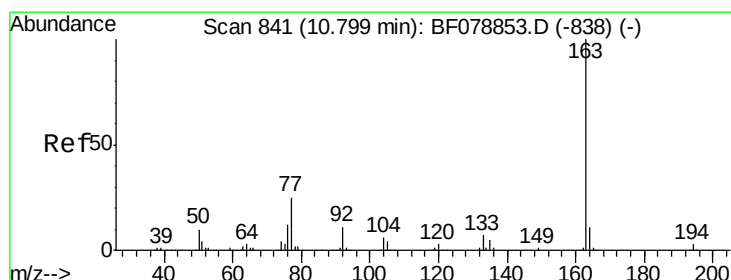
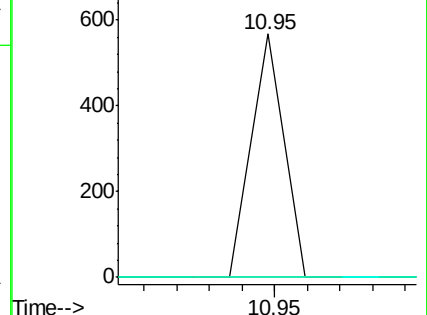
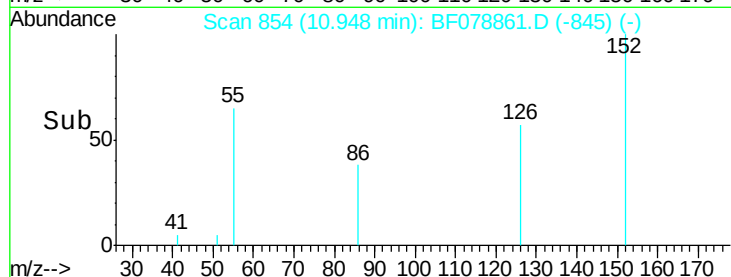


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

Time-->



#49

Dimethylphthalate

Concen: 6.92 ng

RT: 10.80 min Scan# 841

Delta R.T. -0.00 min

Lab File: BF078861.D

Acq: 30 Apr 2015 21:47

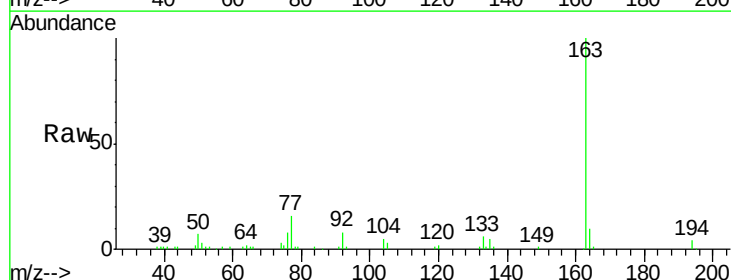
Tgt Ion:163 Resp: 76756

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

164 9.9 8.1 12.1

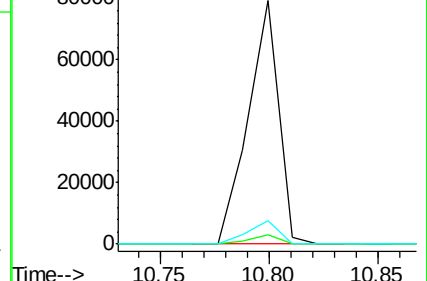
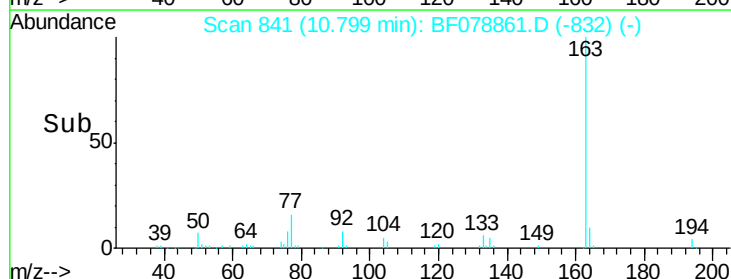


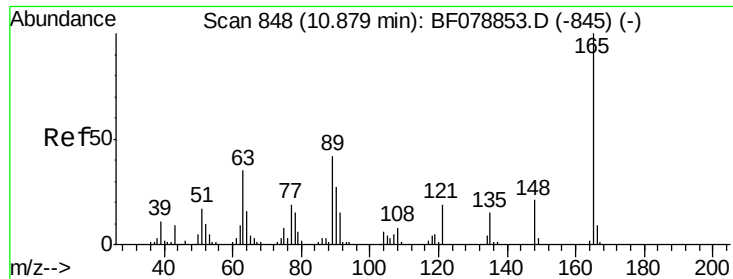
Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

Time-->

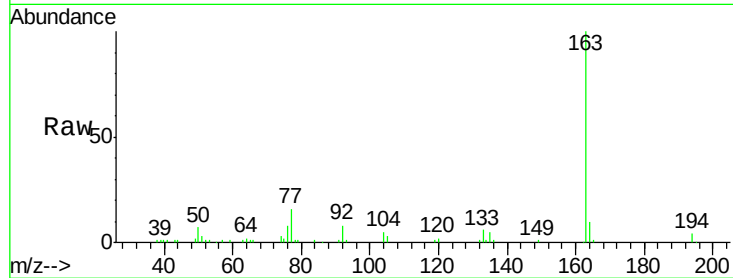




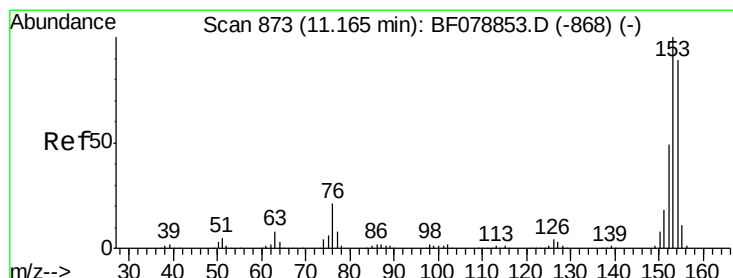
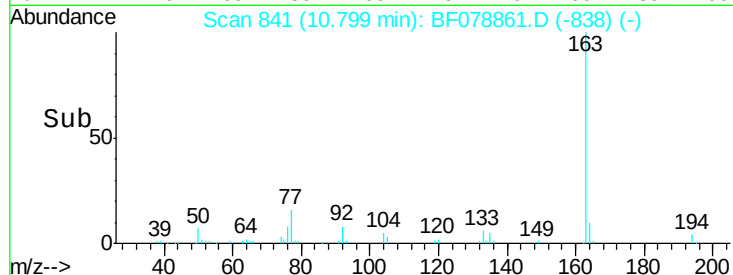
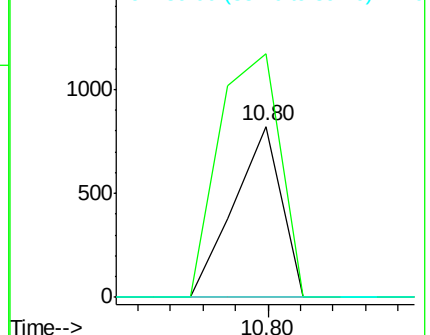
#50
 2,6-Dinitrotoluene
 Concen: 0.38 ng
 RT: 10.80 min Scan# 841
 Delta R.T. -0.07 min
 Lab File: BF078861.D
 Acq: 30 Apr 2015 21:47

Instrument :
 BNA_F
 ClientSampleId :
 SINGSING-SS2-0-6

Tgt Ion:165 Resp: 824
 Ion Ratio Lower Upper
 165 100
 63 142.2 54.4 81.6#
 89 0.0 55.7 83.5#

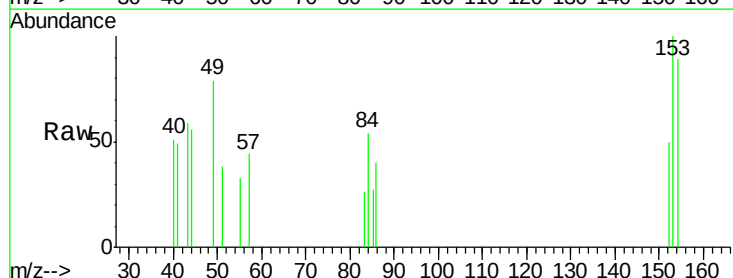


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

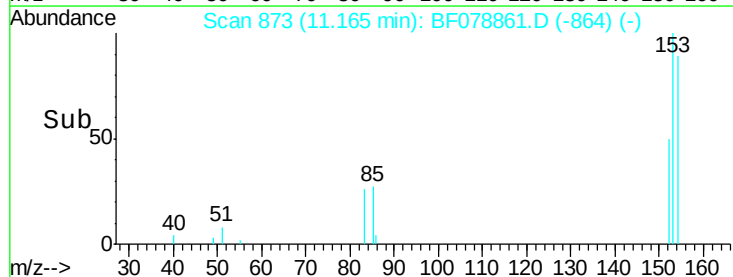
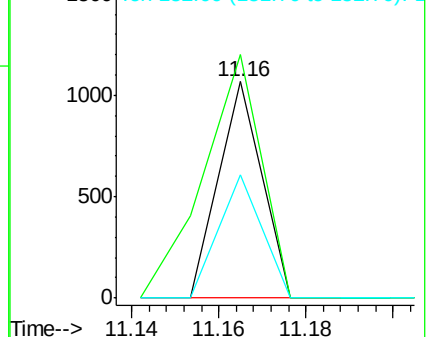


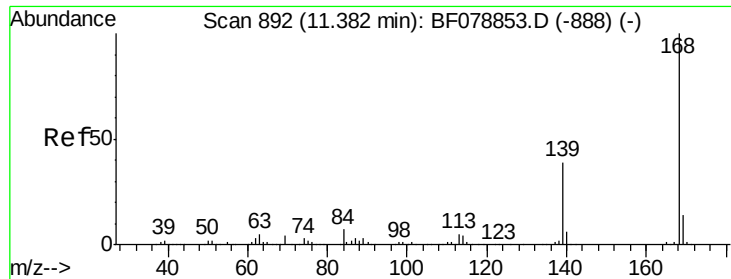
#51
 Acenaphthene
 Concen: 0.08 ng
 RT: 11.16 min Scan# 873
 Delta R.T. -0.00 min
 Lab File: BF078861.D
 Acq: 30 Apr 2015 21:47

Tgt Ion:154 Resp: 732
 Ion Ratio Lower Upper
 154 100
 153 112.6 91.5 137.3
 152 56.8 44.2 66.4



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

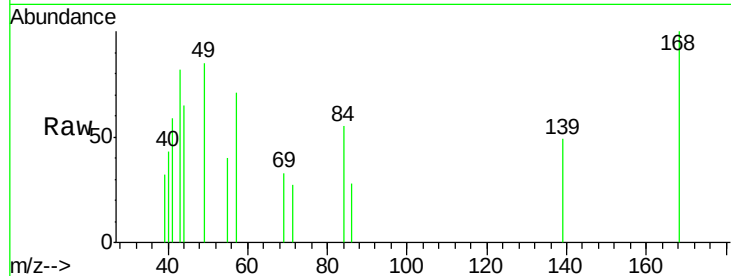




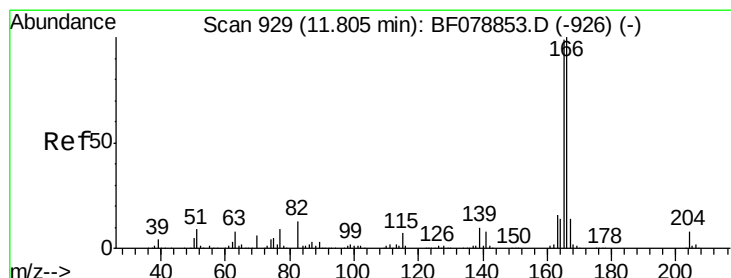
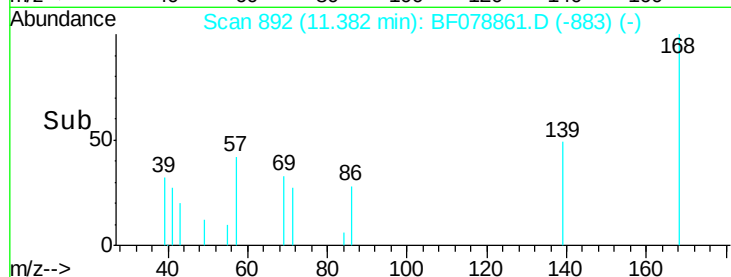
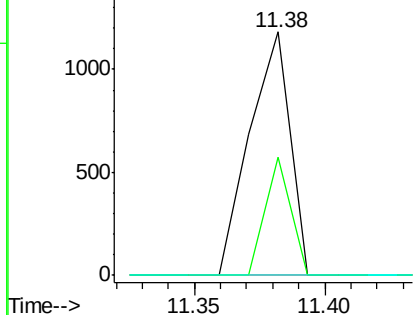
#54
Dibenzenofuran
Concen: 0.10 ng
RT: 11.38 min Scan# 892
Delta R.T. -0.00 min
Lab File: BF078861.D
Acq: 30 Apr 2015 21:47

Instrument :
BNA_F
ClientSampleId :
SINGSING-SS2-0-6

Tgt Ion:168 Resp: 1280
Ion Ratio Lower Upper
168 100
139 48.8 31.0 46.4#
169 0.0 10.6 16.0#

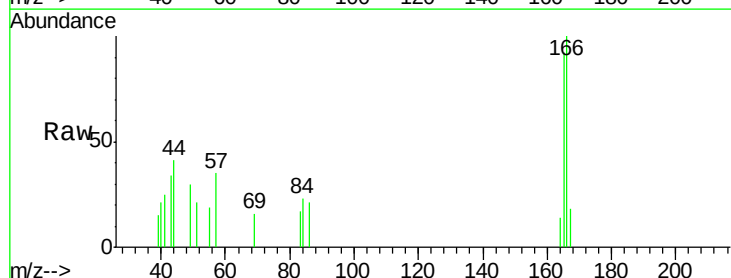


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

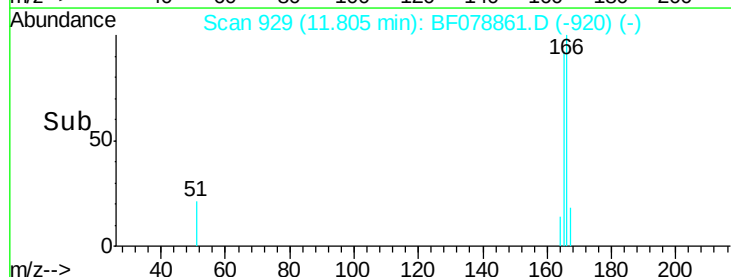
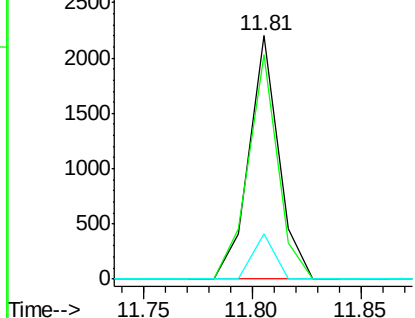


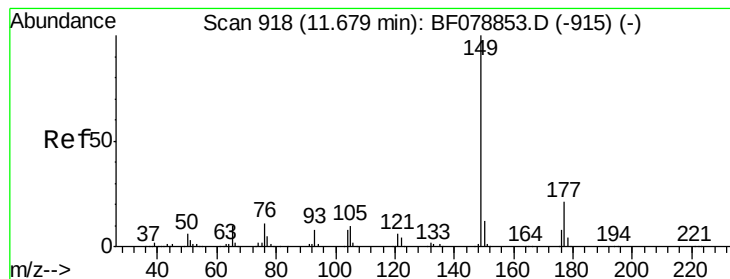
#57
Fluorene
Concen: 0.19 ng
RT: 11.81 min Scan# 929
Delta R.T. -0.00 min
Lab File: BF078861.D
Acq: 30 Apr 2015 21:47

Tgt Ion:166 Resp: 2103
Ion Ratio Lower Upper
166 100
165 92.0 78.5 117.7
167 18.3 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





#59

Diethylphthalate

Concen: 0.09 ng

RT: 11.68 min Scan# 918

Delta R.T. -0.00 min

Lab File: BF078861.D

Acq: 30 Apr 2015 21:47

Instrument :

BNA_F

ClientSampleId :

SINGSING-SS2-0-6

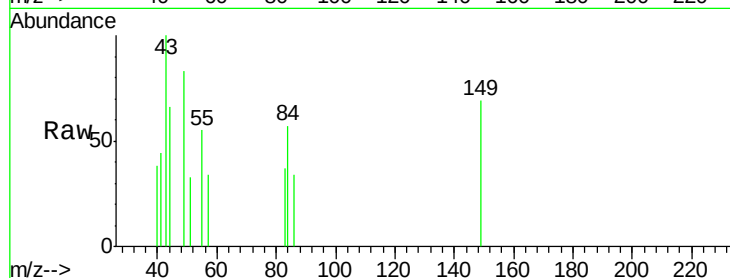
Tgt Ion:149 Resp: 1013

Ion Ratio Lower Upper

149 100

177 0.0 17.5 26.3#

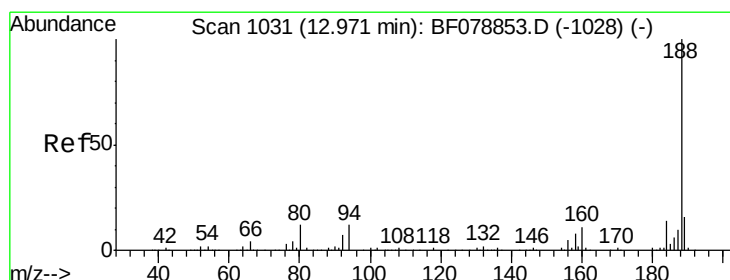
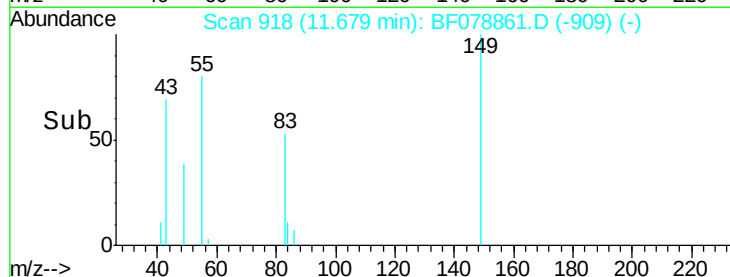
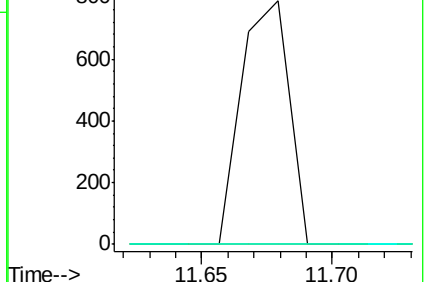
150 0.0 9.6 14.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.97 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BF078861.D

Acq: 30 Apr 2015 21:47

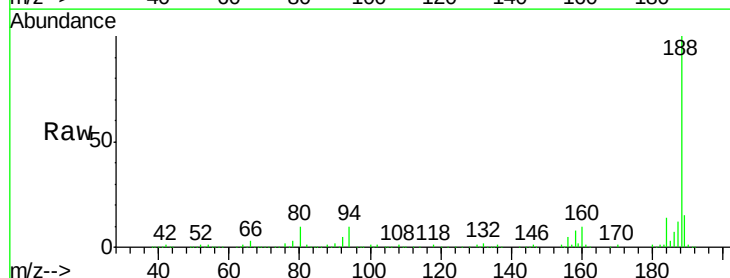
Tgt Ion:188 Resp: 300864

Ion Ratio Lower Upper

188 100

94 10.0 8.2 12.2

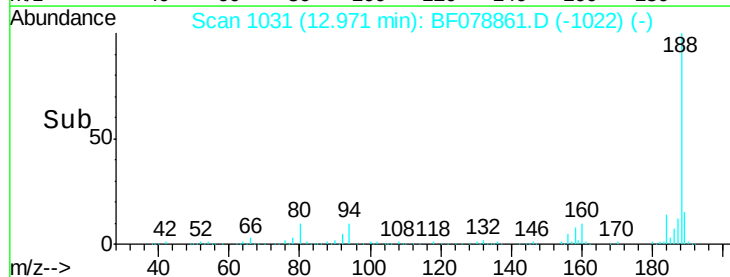
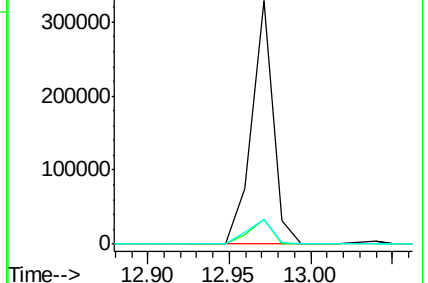
80 9.9 8.9 13.3

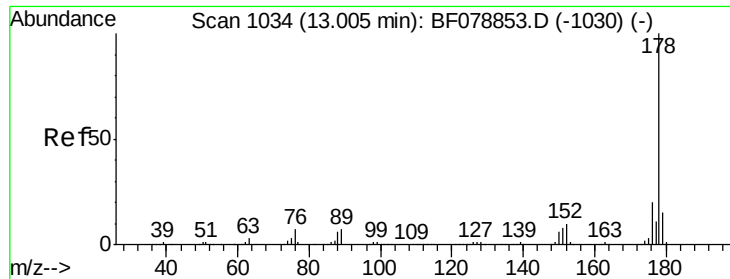


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

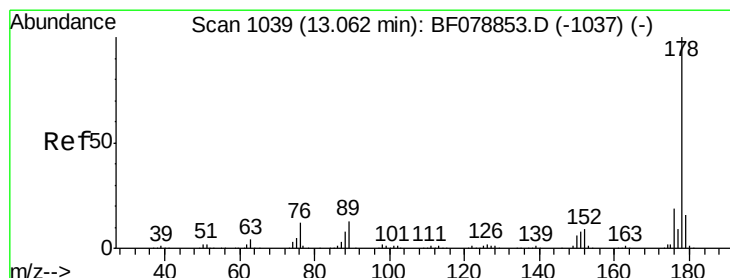
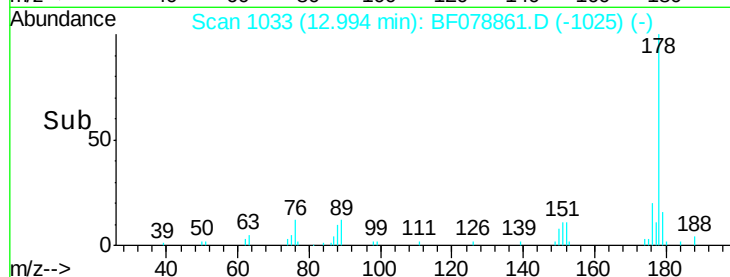
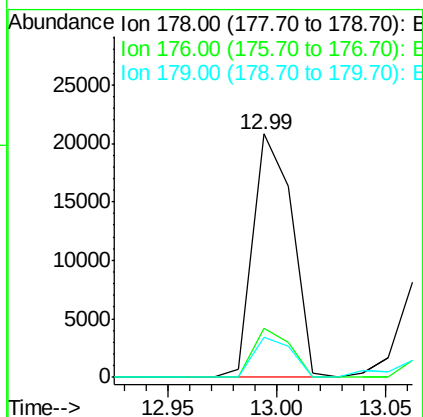
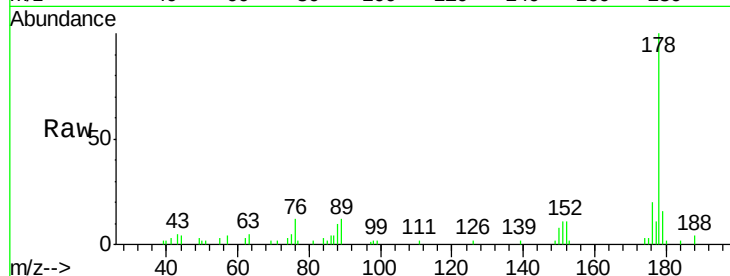




#70
Phenanthrene
Concen: 1.56 ng
RT: 12.99 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF078861.D
Acq: 30 Apr 2015 21:47

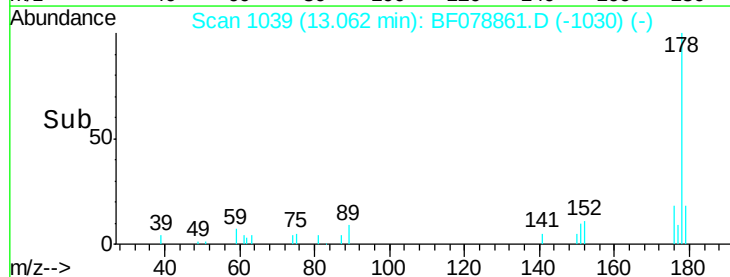
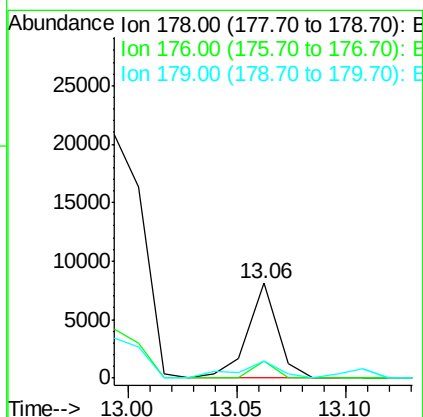
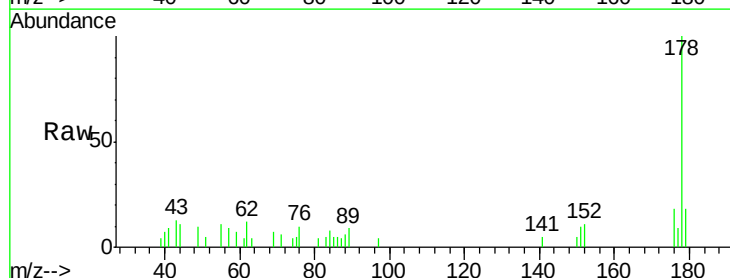
Instrument :
BNA_F
ClientSampleId :
SINGSING-SS2-0-6

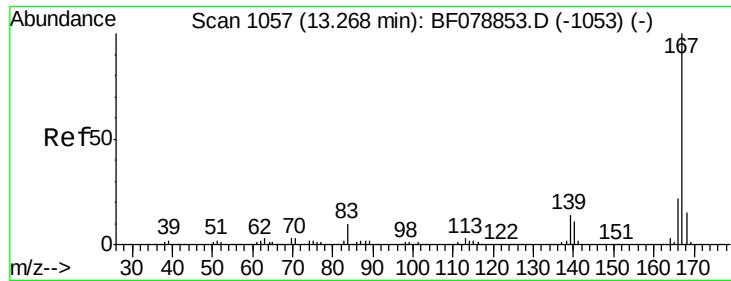
Tgt Ion:178 Resp: 26192
Ion Ratio Lower Upper
178 100
176 20.3 15.8 23.8
179 16.2 12.5 18.7



#71
Anthracene
Concen: 0.47 ng
RT: 13.06 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BF078861.D
Acq: 30 Apr 2015 21:47

Tgt Ion:178 Resp: 7733
Ion Ratio Lower Upper
178 100
176 18.5 15.5 23.3
179 17.6 12.7 19.1





#72

Carbazole

Concen: 0.23 ng

RT: 13.27 min Scan# 1057

Delta R.T. -0.00 min

Lab File: BF078861.D

Acq: 30 Apr 2015 21:47

Instrument :

BNA_F

ClientSampleId :

SINGSING-SS2-0-6

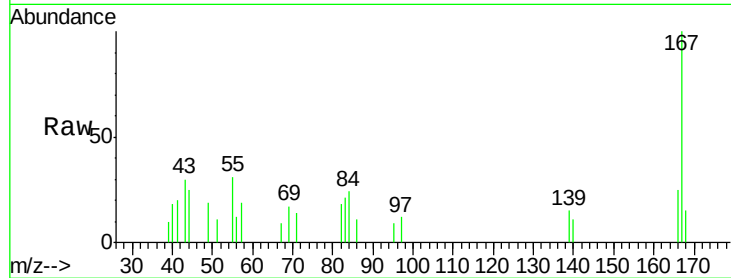
Tgt Ion:167 Resp: 3546

Ion Ratio Lower Upper

167 100

166 24.5 17.8 26.8

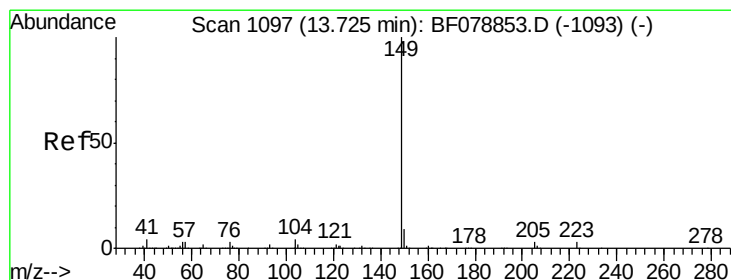
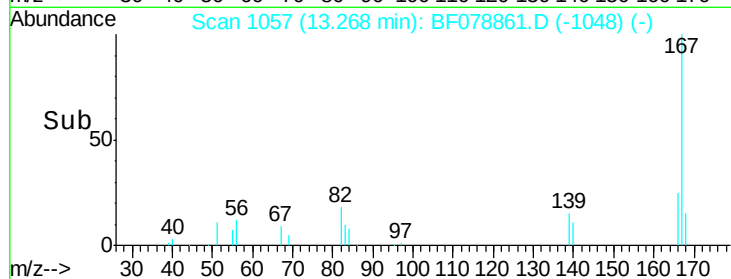
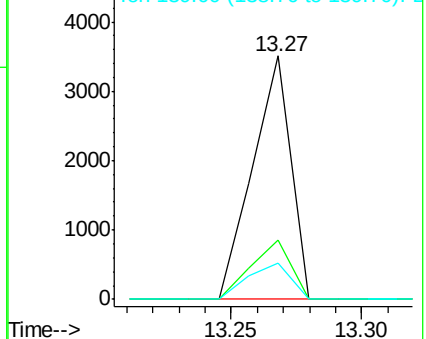
139 14.8 10.6 16.0



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: 0.11 ng

RT: 13.71 min Scan# 1096

Delta R.T. -0.00 min

Lab File: BF078861.D

Acq: 30 Apr 2015 21:47

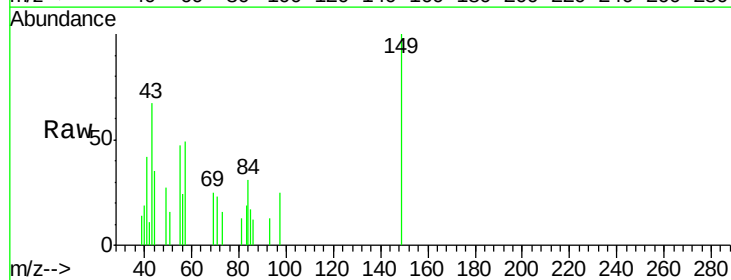
Tgt Ion:149 Resp: 2162

Ion Ratio Lower Upper

149 100

150 0.0 7.7 11.5#

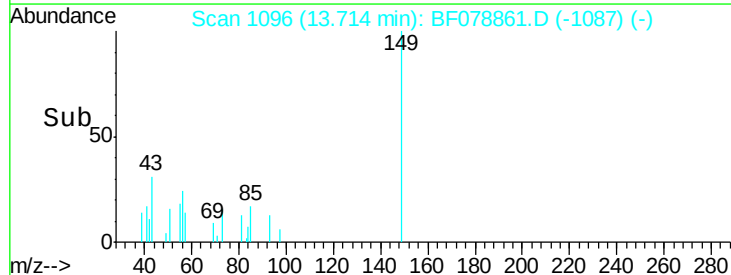
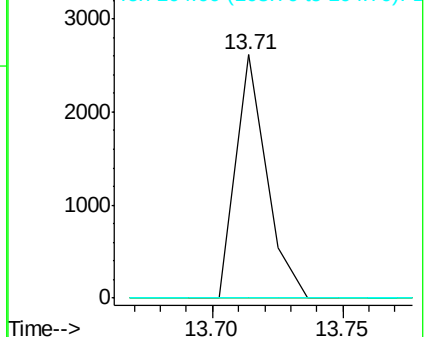
104 0.0 4.6 7.0#

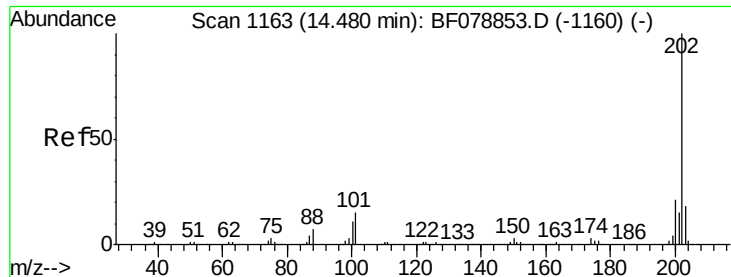


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

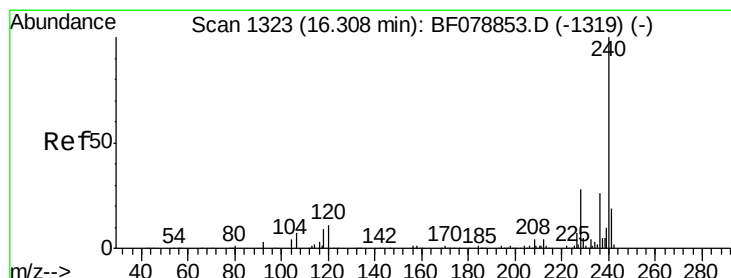
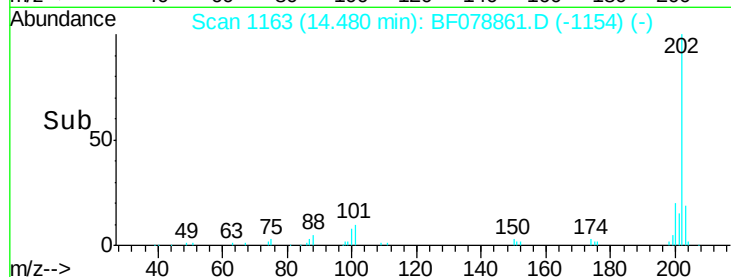
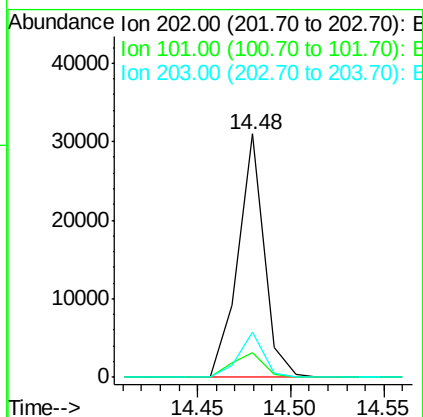
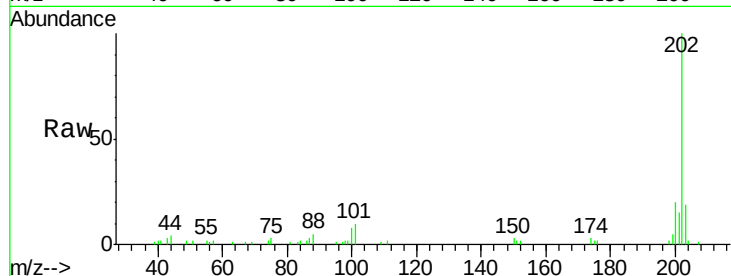




#74
 Fluoranthene
 Concen: 1.73 ng
 RT: 14.48 min Scan# 1163
 Delta R.T. -0.00 min
 Lab File: BF078861.D
 Acq: 30 Apr 2015 21:47

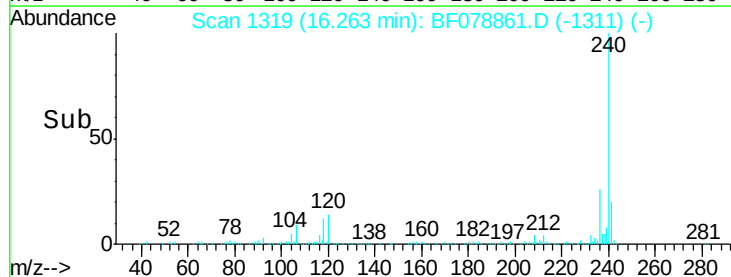
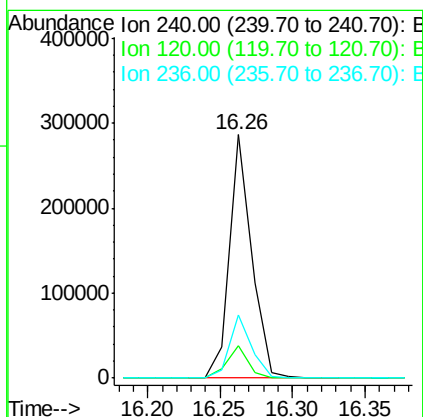
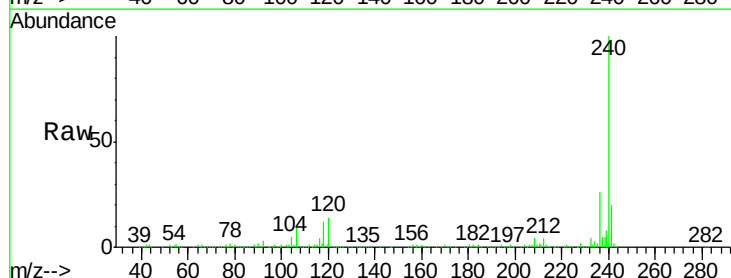
Instrument :
 BNA_F
 ClientSampleId :
 SINGSING-SS2-0-6

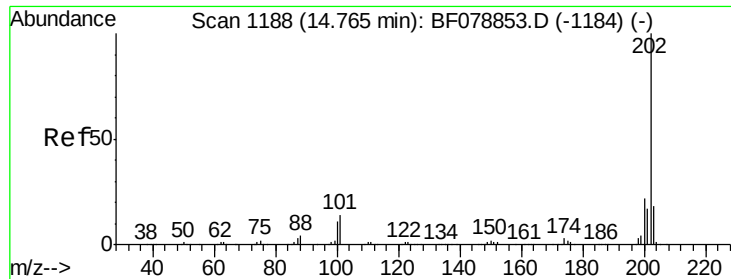
Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	34.6
203	18.5	0.0	38.4



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 16.26 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF078861.D
 Acq: 30 Apr 2015 21:47

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.6	9.7	14.5
236	25.8	20.2	30.4

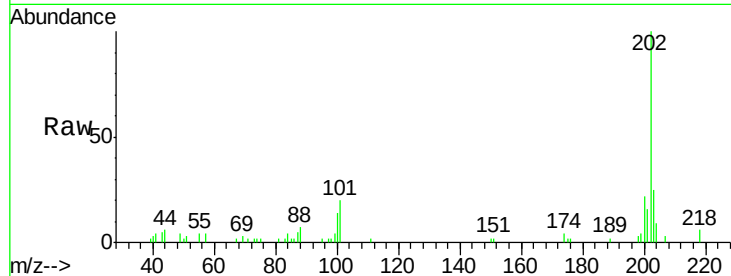




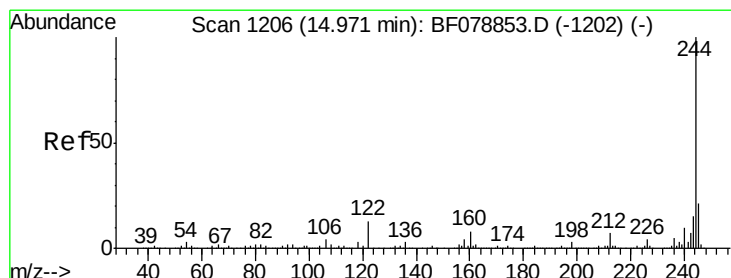
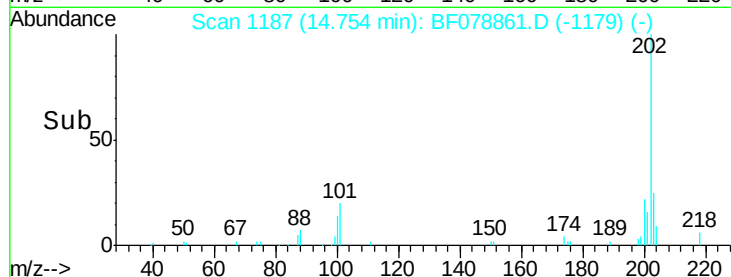
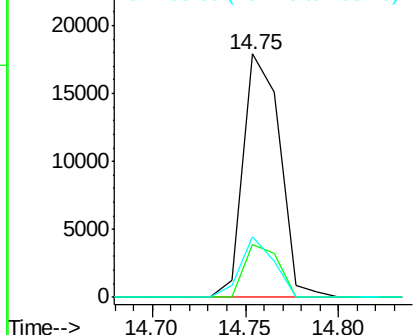
#77
 Pyrene
 Concen: 1.38 ng
 RT: 14.75 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF078861.D
 Acq: 30 Apr 2015 21:47

Instrument :
 BNA_F
 ClientSampleId :
 SINGSING-SS2-0-6

Tgt Ion: 202 Resp: 24388
 Ion Ratio Lower Upper
 202 100
 200 22.0 17.5 26.3
 203 25.1 13.9 20.9#

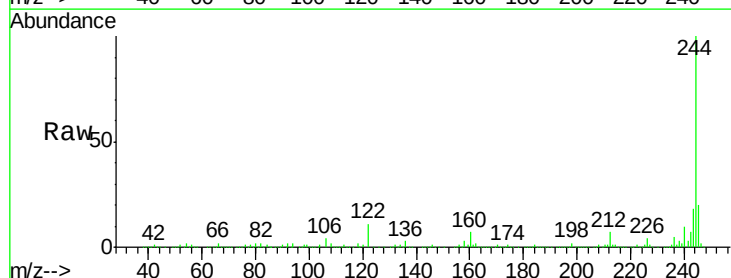


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

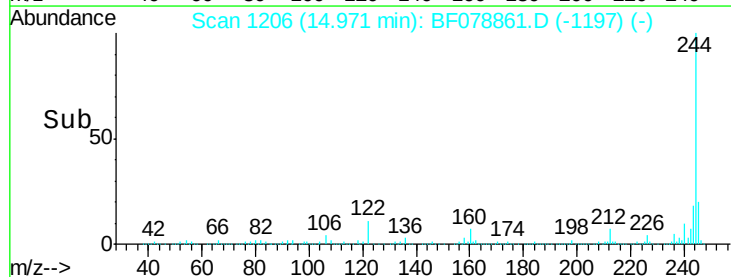
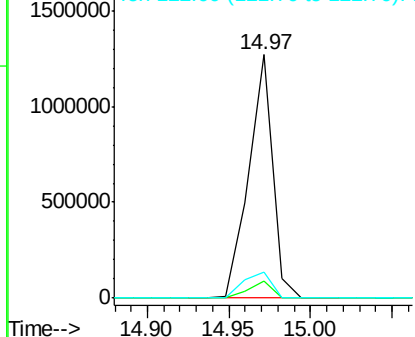


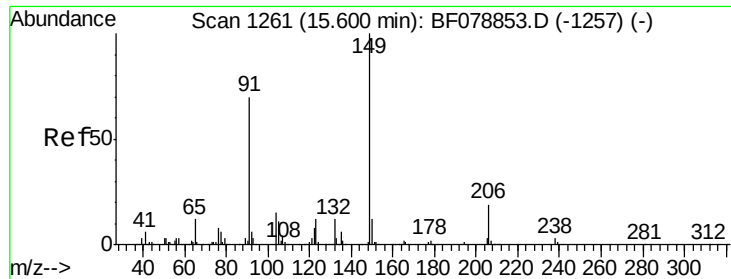
#78
 Terphenyl-d14
 Concen: 101.42 ng
 RT: 14.97 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BF078861.D
 Acq: 30 Apr 2015 21:47

Tgt Ion: 244 Resp: 1297561
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 10.7 10.3 15.5



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

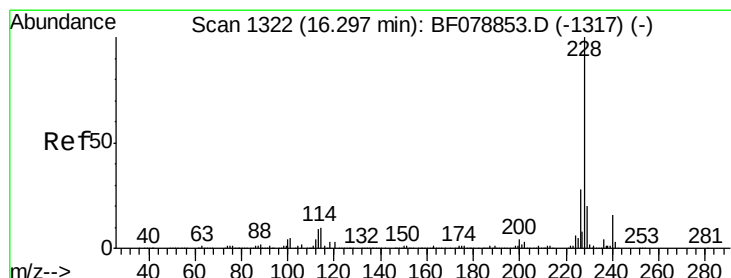
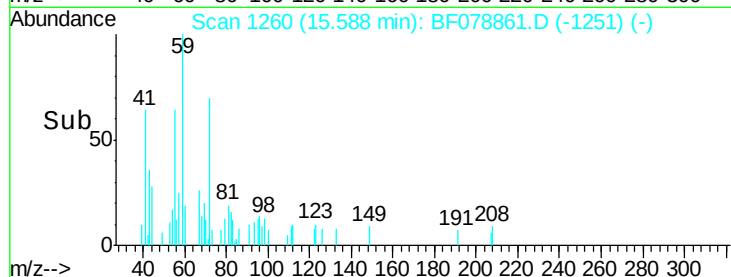
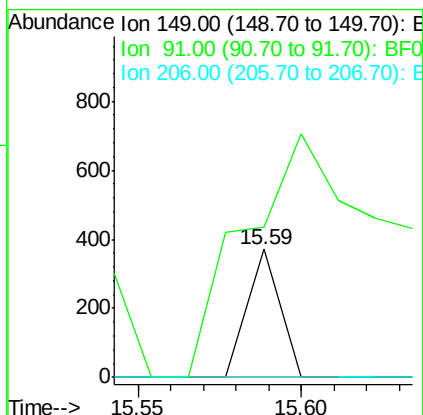
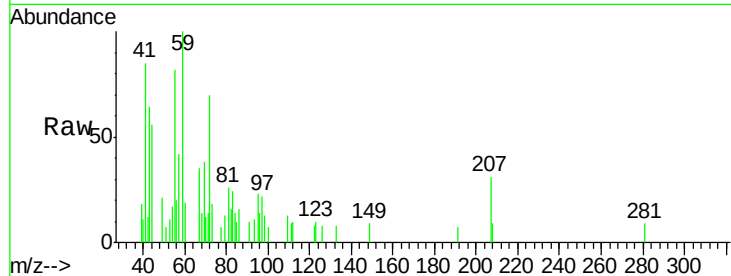




#79
Butylbenzylphthalate
Concen: 0.03 ng
RT: 15.59 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BF078861.D
Acq: 30 Apr 2015 21:47

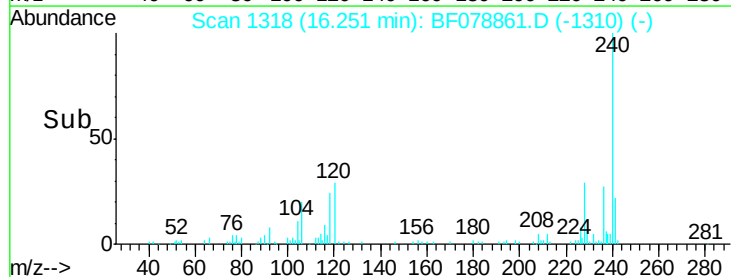
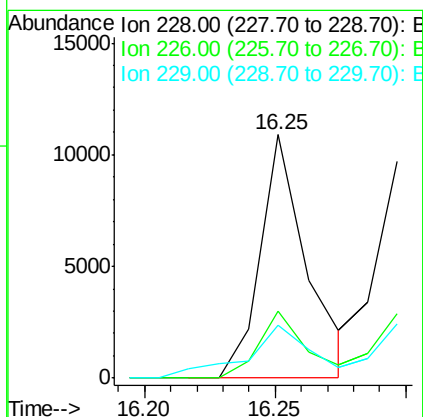
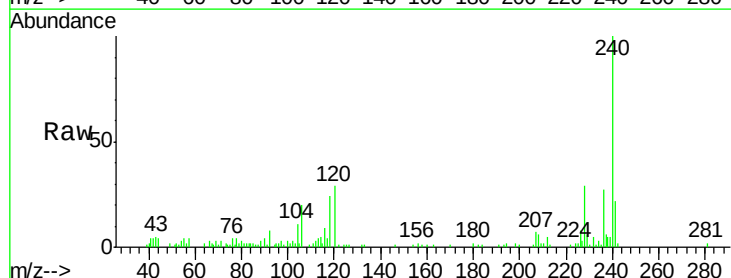
Instrument :
BNA_F
ClientSampleId :
SINGSING-SS2-0-6

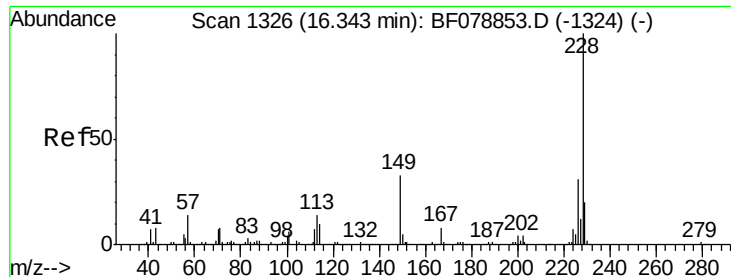
Tgt Ion:149 Resp: 254
Ion Ratio Lower Upper
149 100
91 117.0 64.6 97.0#
206 0.0 12.2 18.4#



#80
Benzo(a)anthracene
Concen: 0.80 ng
RT: 16.25 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF078861.D
Acq: 30 Apr 2015 21:47

Tgt Ion:228 Resp: 13445
Ion Ratio Lower Upper
228 100
226 27.5 22.6 33.8
229 21.9 15.9 23.9





#82

Chrysene

Concen: 0.83 ng

RT: 16.25 min Scan# 1318

Delta R.T. -0.06 min

Lab File: BF078861.D

Acq: 30 Apr 2015 21:47

Instrument :

BNA_F

ClientSampleId :

SINGSING-SS2-0-6

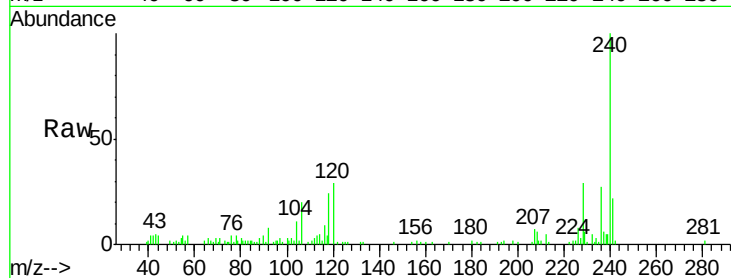
Tgt Ion:228 Resp: 13448

Ion Ratio Lower Upper

228 100

226 27.5 24.9 37.3

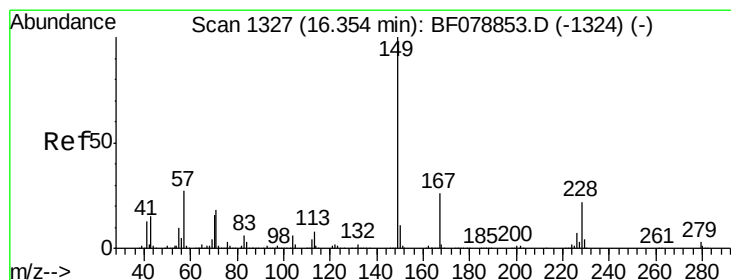
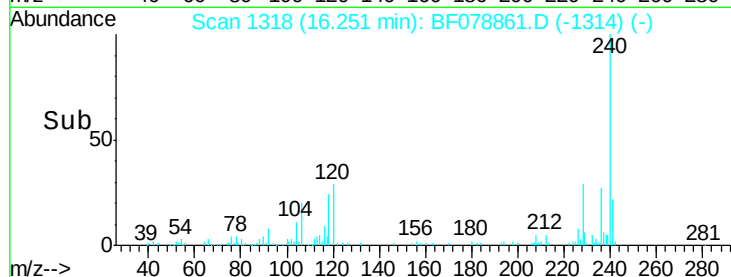
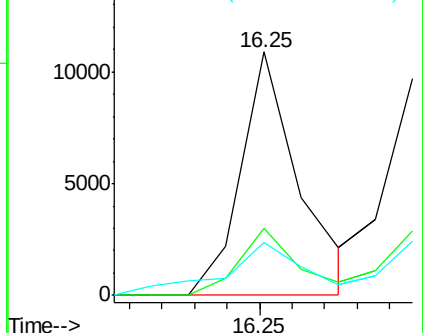
229 21.9 16.0 24.0



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.21 ng

RT: 16.31 min Scan# 1323

Delta R.T. -0.00 min

Lab File: BF078861.D

Acq: 30 Apr 2015 21:47

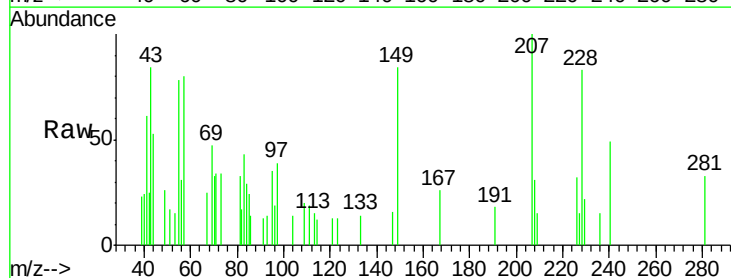
Tgt Ion:149 Resp: 2496

Ion Ratio Lower Upper

149 100

167 30.8 21.8 32.8

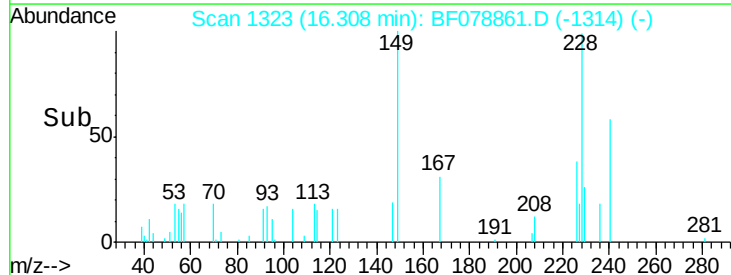
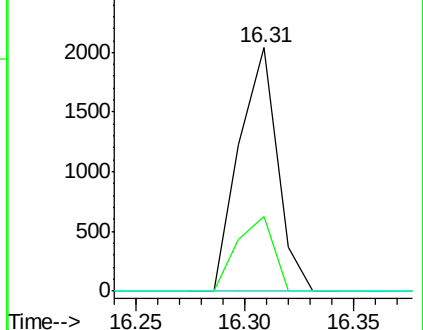
279 0.0 2.9 4.3#

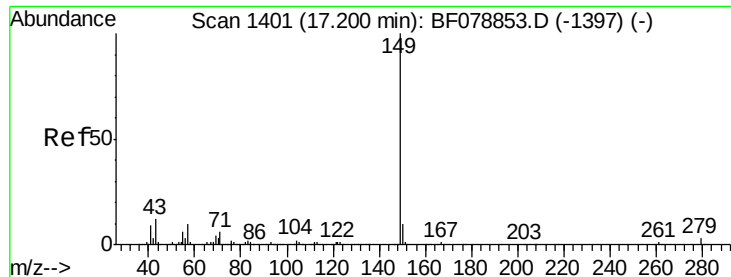


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

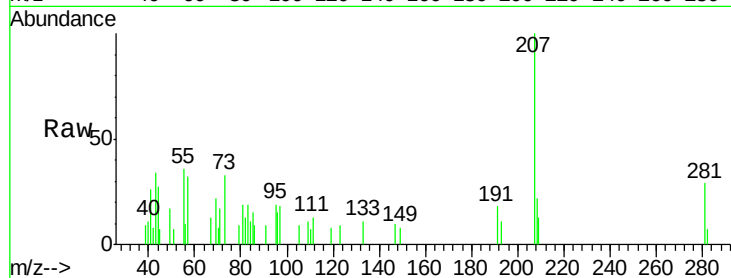




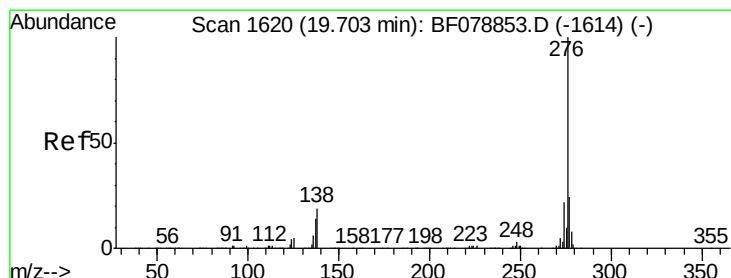
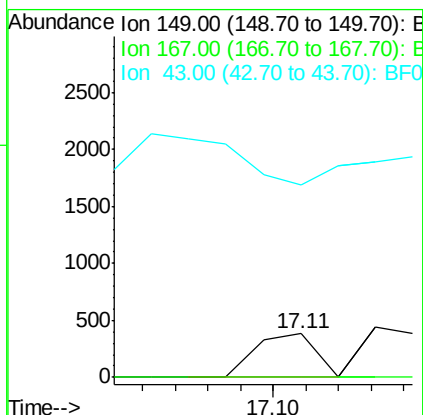
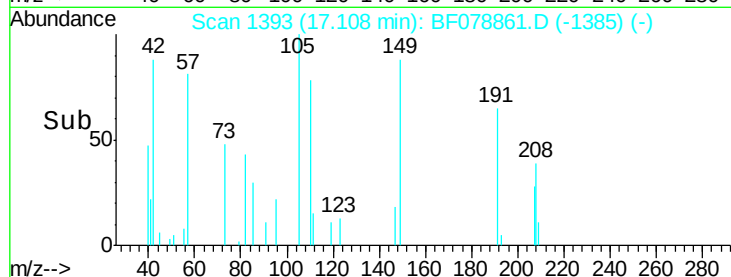
#84
Di-n-octyl phthalate
Concen: 0.02 ng
RT: 17.11 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF078861.D
Acq: 30 Apr 2015 21:47

Instrument :
BNA_F
ClientSampleId :
SINGSING-SS2-0-6

Tgt Ion	Ratio	Lower	Upper
149	100		
167	0.0	0.0	0.0
43	0.0	0.0	0.0

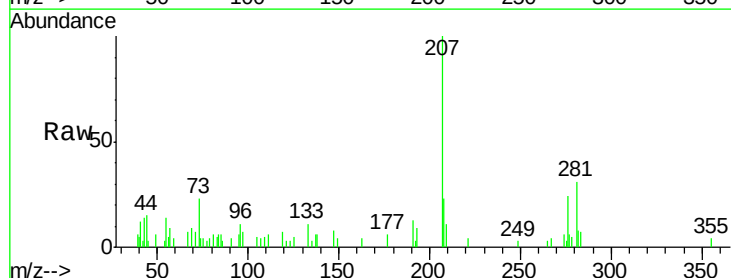


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

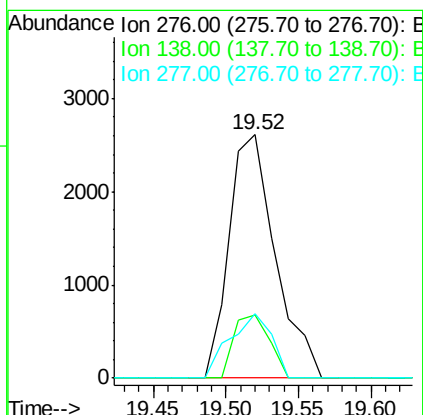
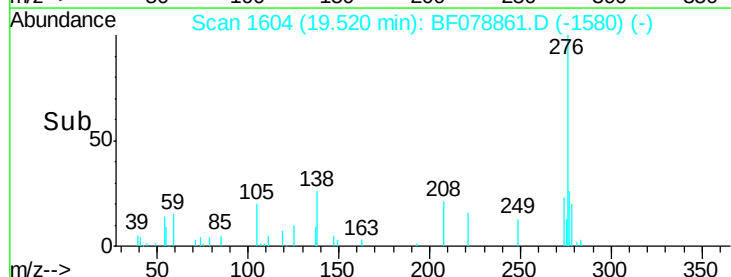


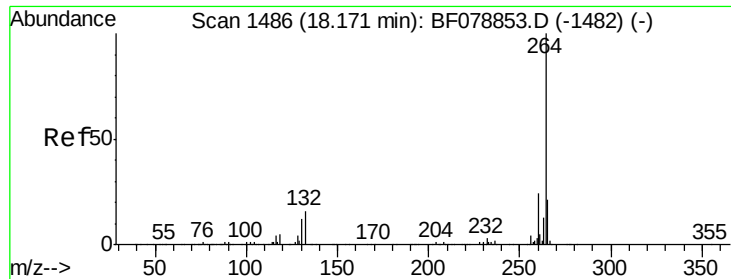
#85
Indeno(1,2,3-cd)pyrene
Concen: 0.28 ng
RT: 19.52 min Scan# 1604
Delta R.T. -0.02 min
Lab File: BF078861.D
Acq: 30 Apr 2015 21:47

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.9	0.0	0.0#
277	23.9	0.0	0.0#



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

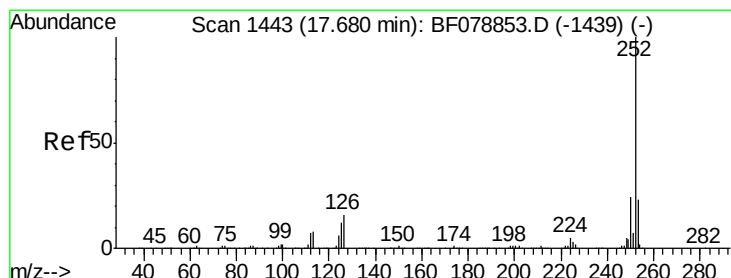
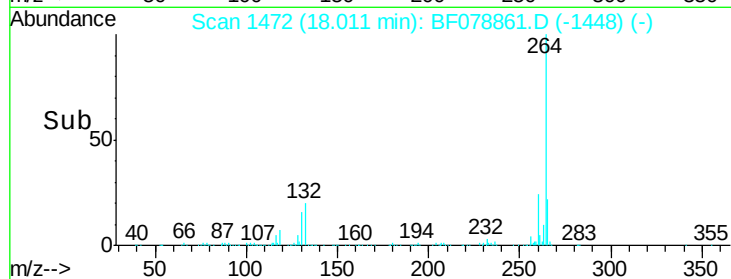
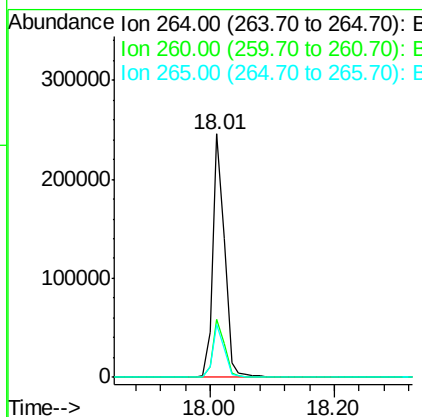
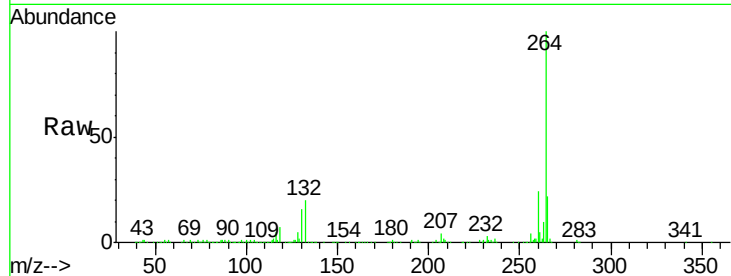




#86
Perylene-d12
Concen: 20.00 ng
RT: 18.01 min Scan# 1472
Delta R.T. -0.02 min
Lab File: BF078861.D
Acq: 30 Apr 2015 21:47

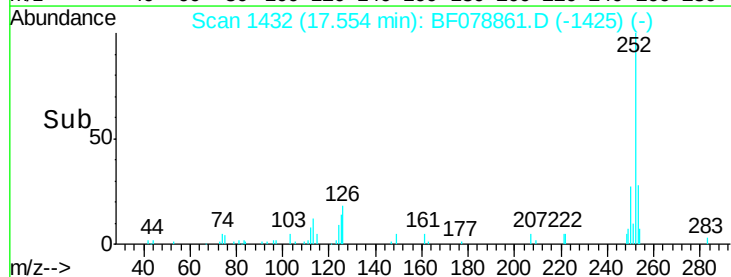
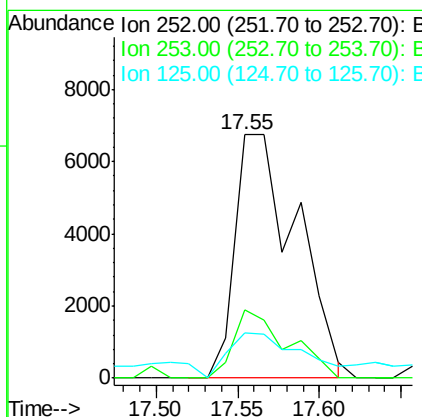
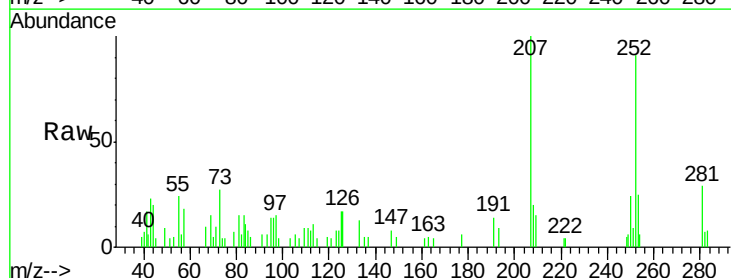
Instrument :
BNA_F
ClientSampleId :
SINGSING-SS2-0-6

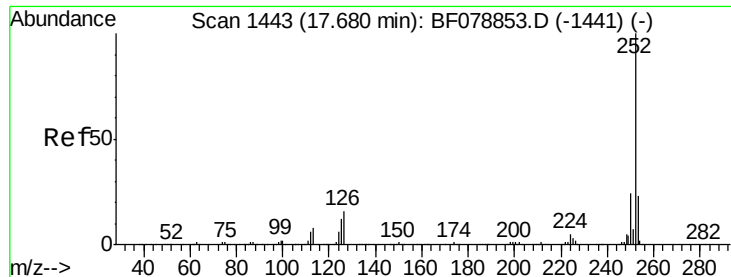
Tgt Ion:264 Resp: 318089
Ion Ratio Lower Upper
264 100
260 23.8 19.4 29.2
265 21.6 18.3 27.5



#87
Benzo(b)fluoranthene
Concen: 1.01 ng
RT: 17.55 min Scan# 1432
Delta R.T. -0.02 min
Lab File: BF078861.D
Acq: 30 Apr 2015 21:47

Tgt Ion:252 Resp: 17613
Ion Ratio Lower Upper
252 100
253 27.8 17.7 26.5#
125 18.8 9.5 14.3#

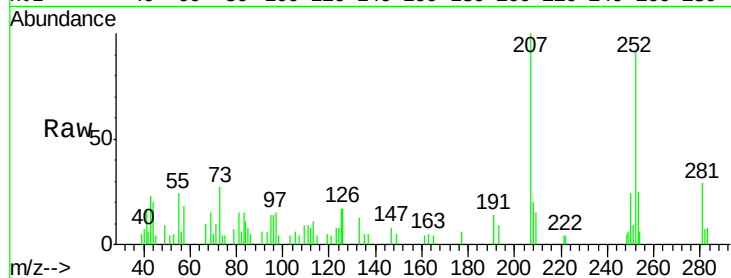




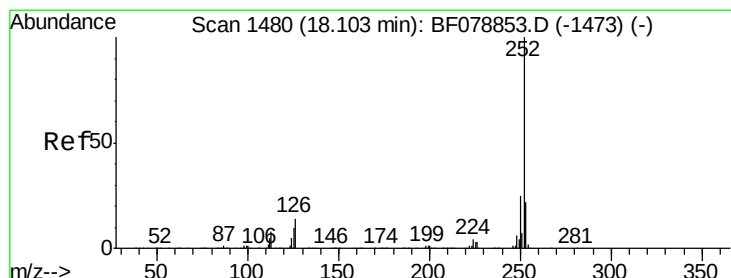
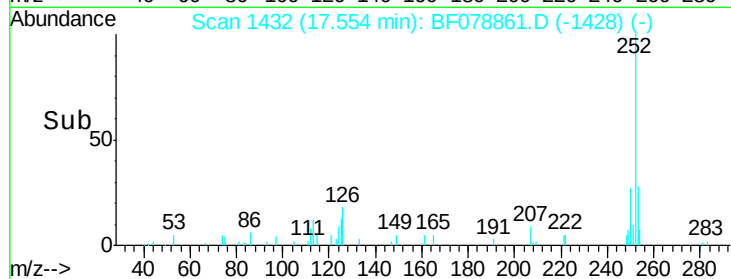
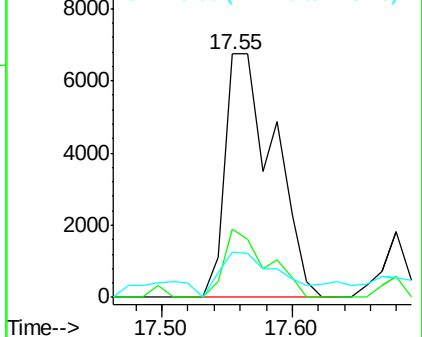
#88
Benzo(k)fluoranthene
Concen: 1.05 ng
RT: 17.55 min Scan# 1432
Delta R.T. -0.06 min
Lab File: BF078861.D
Acq: 30 Apr 2015 21:47

Instrument :
BNA_F
ClientSampleId :
SINGSING-SS2-0-6

Tgt Ion:252 Resp: 17614
Ion Ratio Lower Upper
252 100
253 27.8 18.1 27.1#
125 18.8 10.0 15.0#

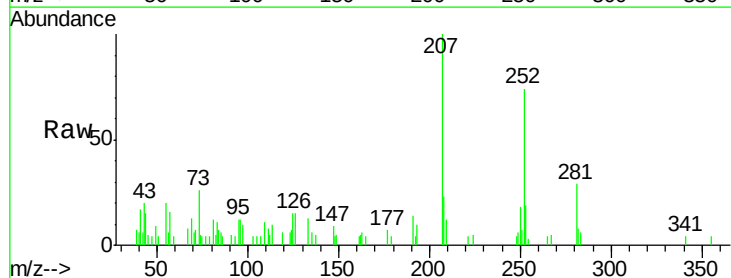


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

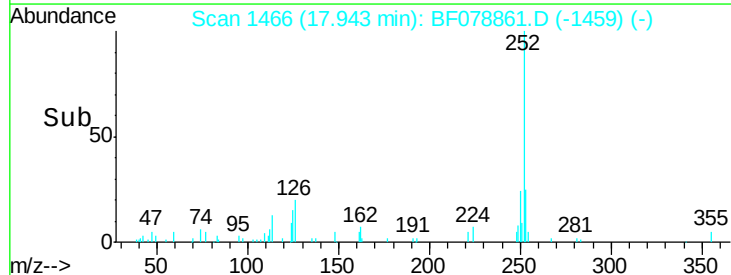
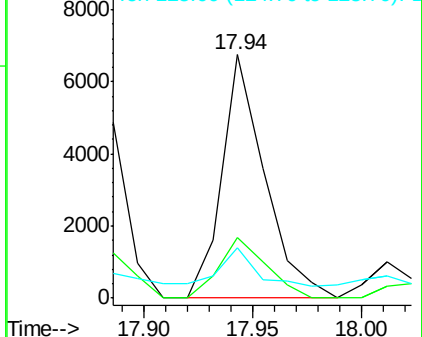


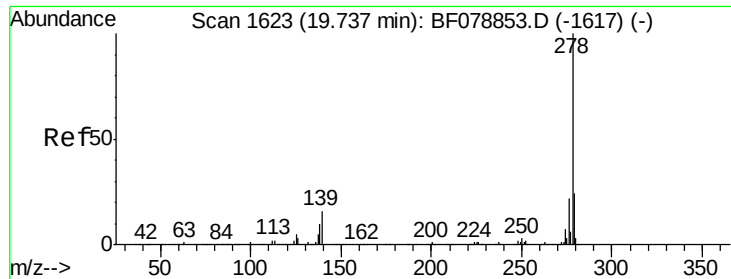
#89
Benzo(a)pyrene
Concen: 0.58 ng
RT: 17.94 min Scan# 1466
Delta R.T. -0.02 min
Lab File: BF078861.D
Acq: 30 Apr 2015 21:47

Tgt Ion:252 Resp: 9230
Ion Ratio Lower Upper
252 100
253 25.1 17.3 25.9
125 20.9 7.0 10.6#



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: 0.11 ng

RT: 19.54 min Scan# 1606

Delta R.T. -0.03 min

Lab File: BF078861.D

Acq: 30 Apr 2015 21:47

Instrument :

BNA_F

ClientSampleId :

SINGSING-SS2-0-6

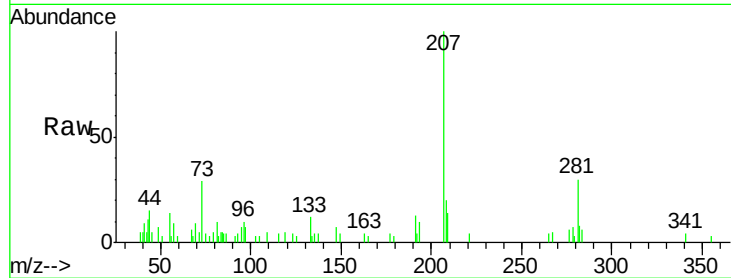
Tgt Ion:278 Resp: 1802

Ion Ratio Lower Upper

278 100

139 0.0 12.8 19.2#

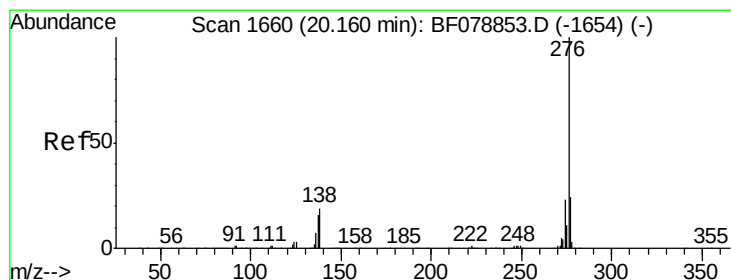
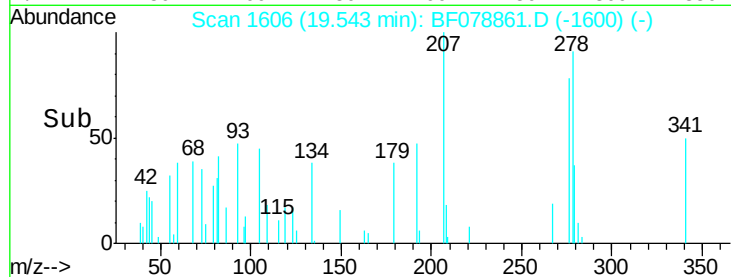
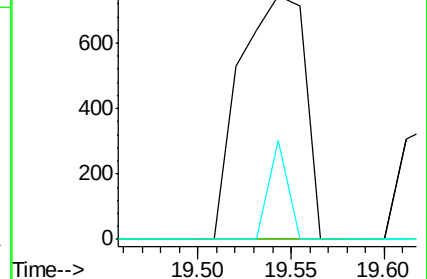
279 40.6 19.6 29.4#



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: 0.34 ng

RT: 19.97 min Scan# 1643

Delta R.T. -0.03 min

Lab File: BF078861.D

Acq: 30 Apr 2015 21:47

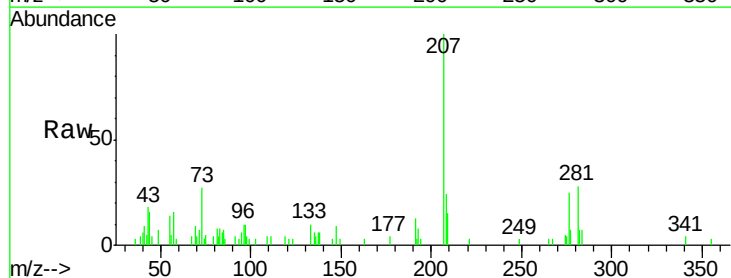
Tgt Ion:276 Resp: 5734

Ion Ratio Lower Upper

276 100

277 26.1 18.6 28.0

138 25.8 17.4 26.0



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

