

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF043015\
 Data File : BF078864.D
 Acq On : 30 Apr 2015 23:12
 Operator : TP/IZ
 Sample : G2044-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-59D

Quant Time: May 01 00:46:07 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	75832	20.00	ng	0.00
21) Naphthalene-d8	8.95	136	317203	20.00	ng	0.00
38) Acenaphthene-d10	11.12	164	146451	20.00	ng	-0.01
63) Phenanthrene-d10	12.97	188	289227	20.00	ng	0.00
75) Chrysene-d12	16.26	240	289505	20.00	ng	-0.01
86) Perylene-d12	18.01	264	303492	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.67	112	641723	145.67	ng	0.00
7) Phenol-d6	6.92	99	876250	150.48	ng	0.01
23) Nitrobenzene-d5	8.06	82	458756	83.12	ng	0.00
41) 2,4,6-Tribromophenol	12.10	330	235951	148.93	ng	0.00
44) 2-Fluorobiphenyl	10.30	172	862950	82.09	ng	0.00
78) Terphenyl-d14	14.97	244	998711	82.59	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.39	88	455	0.24	ng	# 1
10) Phenol	6.94	94	4676	0.69	ng	90
11) bis(2-Chloroethyl)ether	7.08	93	1017	0.21	ng	# 1
15) Benzyl Alcohol	7.55	79	7775	1.80	ng	# 53
24) Nitrobenzene	8.06	77	1551	0.28	ng	# 35
25) Isophorone	8.38	82	625	0.06	ng	# 69
27) 2,4-Dimethylphenol	8.57	122	4853	1.07	ng	# 4
31) Naphthalene	8.97	128	3111	0.21	ng	97
32) Benzoic acid	8.57	122	5108	7.87	ng	96
33) 4-Chloroaniline	8.97	127	289	0.05	ng	# 30
37) 2-Methylnaphthalene	9.83	142	1337	0.13	ng	# 82
48) Acenaphthylene	10.95	152	1199	0.08	ng	# 60
49) Dimethylphthalate	10.80	163	54660	5.09	ng	98
50) 2,6-Dinitrotoluene	10.80	165	404	0.19	ng	# 15
51) Acenaphthene	11.16	154	3757	0.42	ng	98
54) Dibenzofuran	11.38	168	3039	0.24	ng	96
57) Fluorene	11.80	166	4241	0.40	ng	97
59) Diethylphthalate	11.68	149	452	0.04	ng	# 59
70) Phenanthrene	13.01	178	49146	3.04	ng	98
71) Anthracene	13.06	178	10768	0.68	ng	99
72) Carbazole	13.27	167	2409	0.16	ng	96
73) Di-n-butylphthalate	13.71	149	1297	0.07	ng	# 77
74) Fluoranthene	14.48	202	50829	3.01	ng	93
77) Pyrene	14.77	202	52079	3.12	ng	97
79) Butylbenzylphthalate	15.59	149	252	0.03	ng	# 81
80) Benzo(a)anthracene	16.25	228	24346	1.54	ng	93
82) Chrysene	16.25	228	24345	1.60	ng	97
83) Bis(2-ethylhexyl)phthalate	16.31	149	7274	0.66	ng	# 91
84) Di-n-octyl phthalate	17.09	149	1306	0.07	ng	# 100
85) Indeno(1,2,3-cd)pyrene	19.52	276	12713	0.65	ng	# 100
87) Benzo(b)fluoranthene	17.55	252	33284	2.00	ng	# 94
88) Benzo(k)fluoranthene	17.55	252	33800	2.10	ng	# 95
89) Benzo(a)pyrene	17.94	252	19192	1.25	ng	# 94
90) Dibenzo(a,h)anthracene	19.54	278	3594	0.22	ng	# 74

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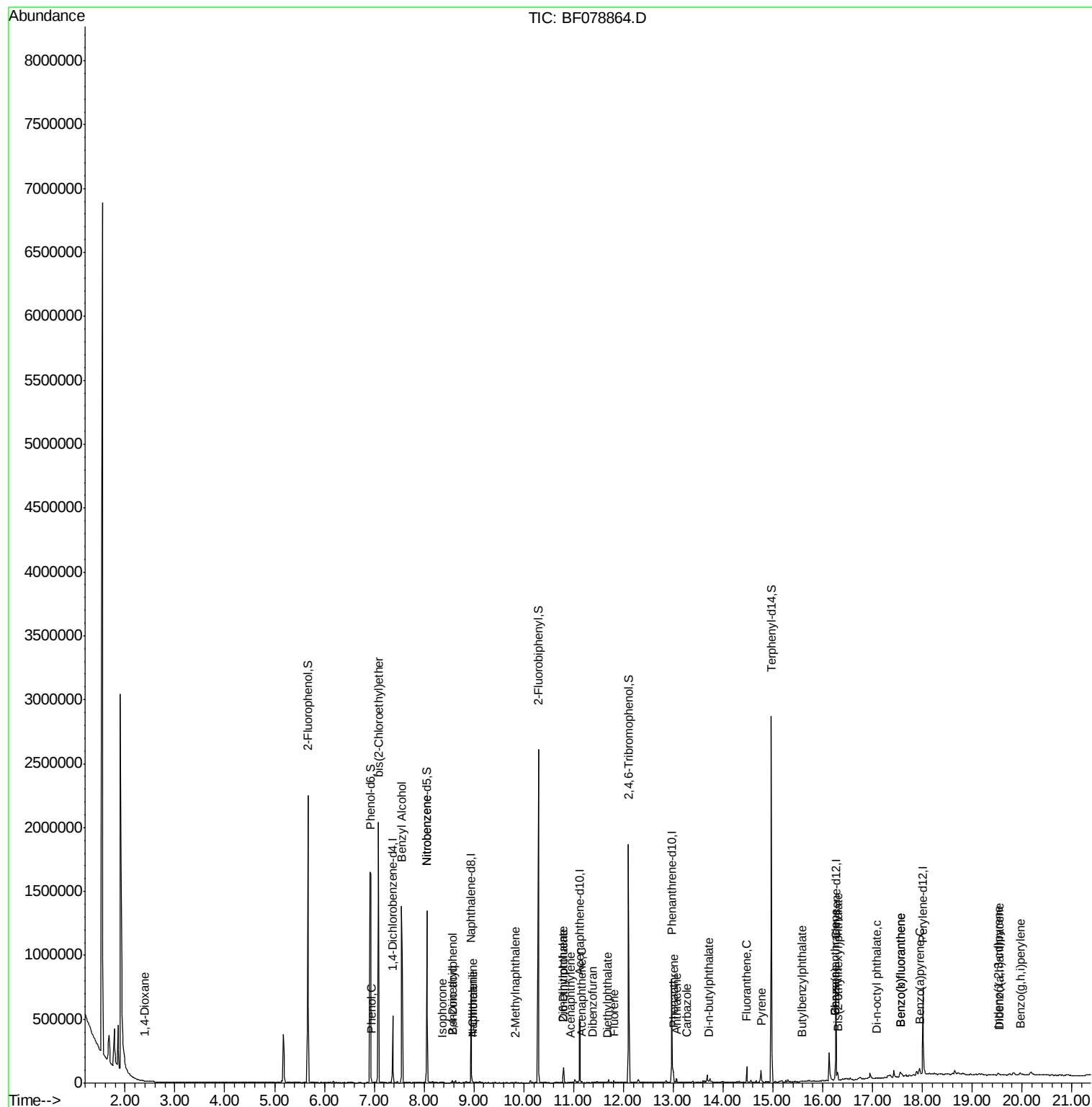
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) Benzo(g,h,i)perylene	19.97	276	12219	0.75	ng	97

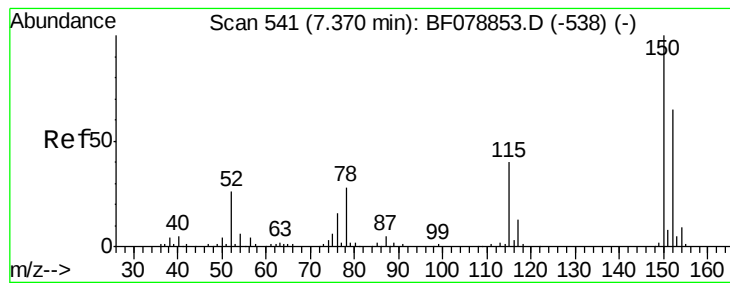
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.37 min Scan# 541

Delta R.T. -0.00 min

Lab File: BF078864.D

Acq: 30 Apr 2015 23:12

Instrument :

BNA_F

ClientSampleId :

SB-59D

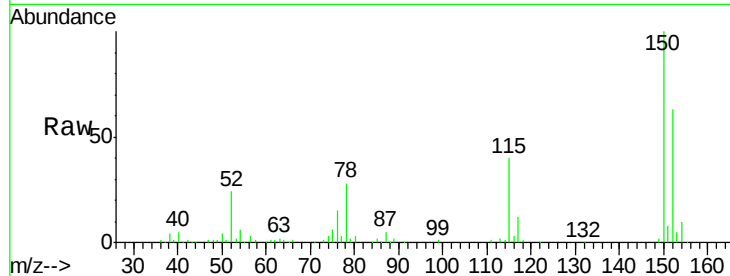
Tgt Ion:152 Resp: 75832

Ion Ratio Lower Upper

152 100

150 157.6 122.0 183.0

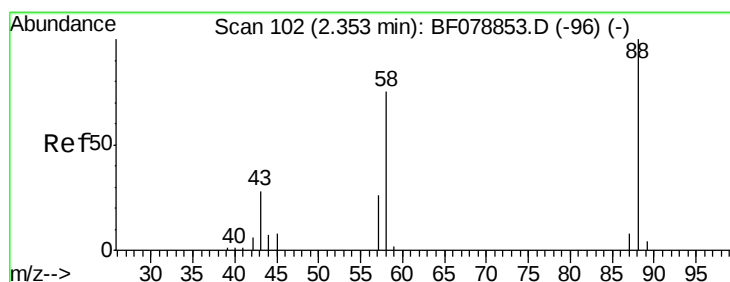
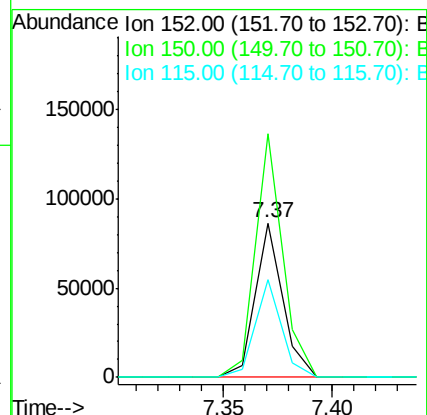
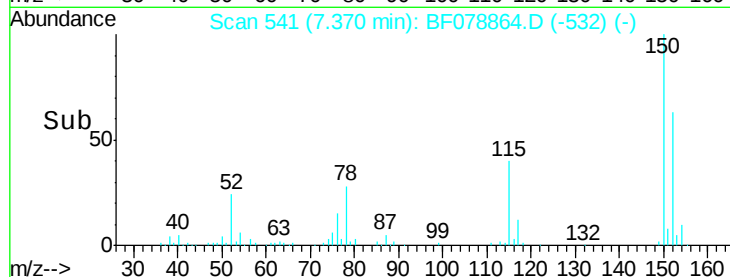
115 63.3 46.3 69.5



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: 0.24 ng

RT: 2.39 min Scan# 105

Delta R.T. 0.03 min

Lab File: BF078864.D

Acq: 30 Apr 2015 23:12

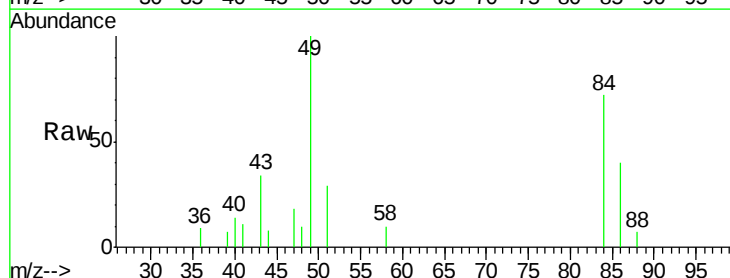
Tgt Ion: 88 Resp: 455

Ion Ratio Lower Upper

88 100

58 0.0 0.0 0.0

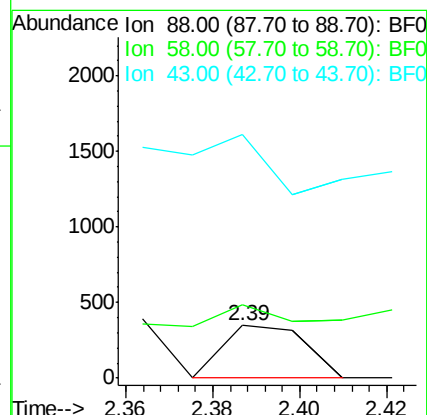
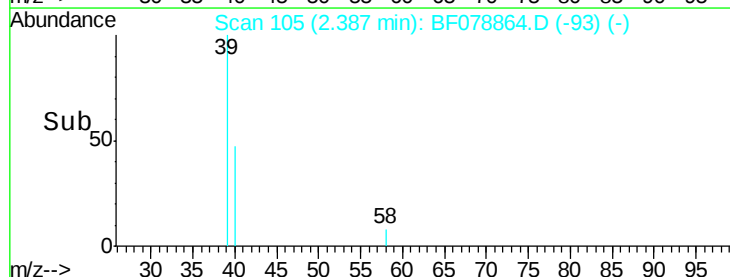
43 145.5 3.3 4.9#

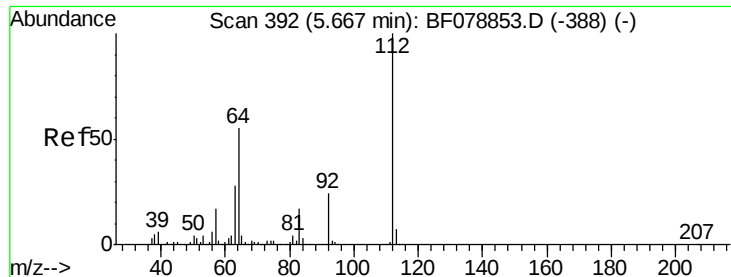


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 145.67 ng

RT: 5.67 min Scan# 392

Delta R.T. -0.00 min

Lab File: BF078864.D

Acq: 30 Apr 2015 23:12

Instrument :

BNA_F

ClientSampleId :

SB-59D

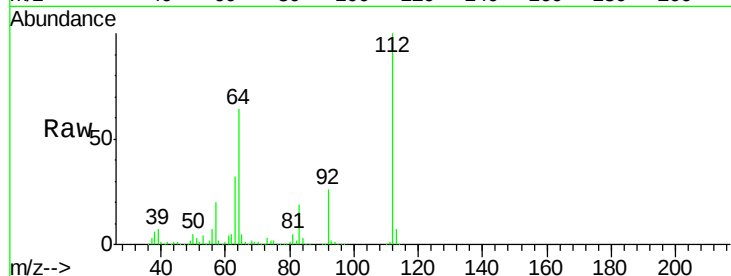
Tgt Ion: 112 Resp: 641723

Ion Ratio Lower Upper

112 100

64 63.8 53.5 80.3

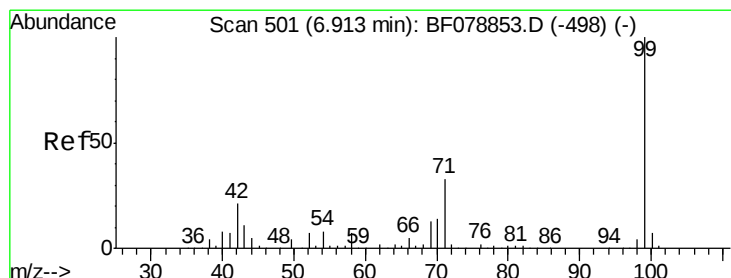
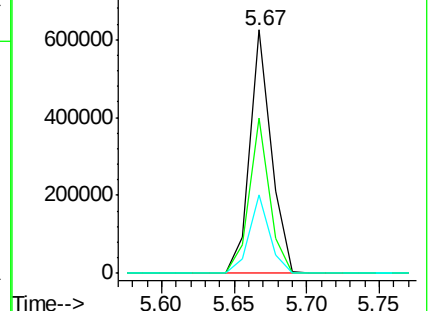
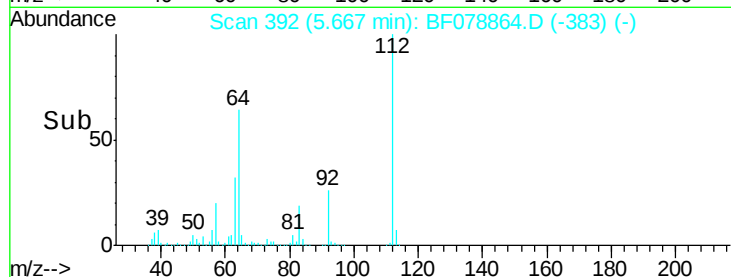
63 32.1 27.5 41.3



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: 150.48 ng

RT: 6.92 min Scan# 502

Delta R.T. 0.01 min

Lab File: BF078864.D

Acq: 30 Apr 2015 23:12

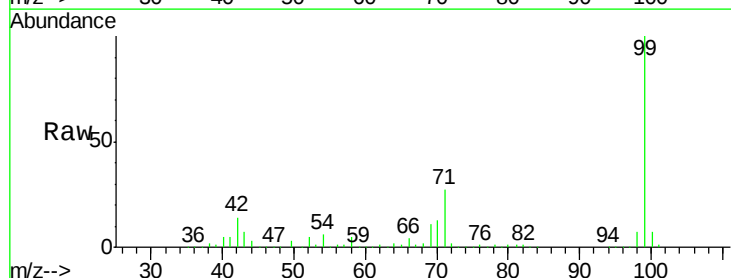
Tgt Ion: 99 Resp: 876250

Ion Ratio Lower Upper

99 100

42 14.4 12.8 19.2

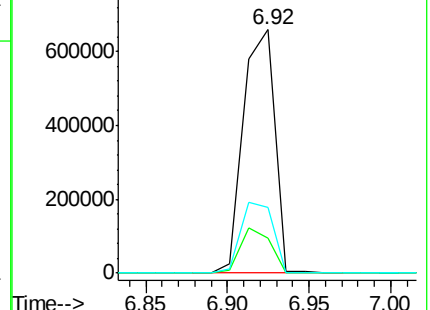
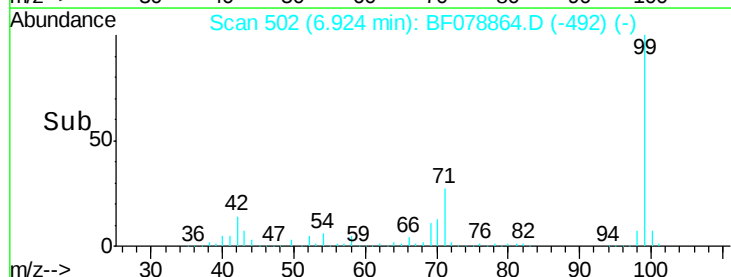
71 27.1 23.4 35.2

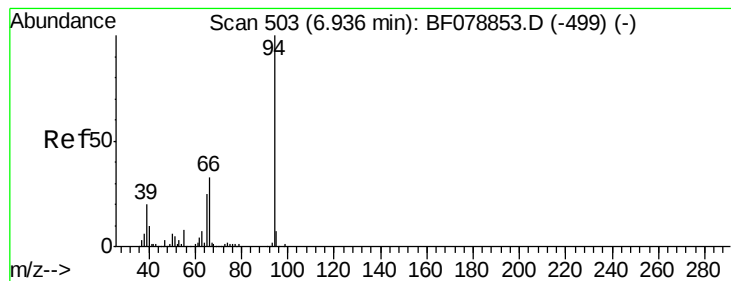


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#10

Phenol

Concen: 0.69 ng

RT: 6.94 min Scan# 503

Delta R.T. -0.00 min

Lab File: BF078864.D

Acq: 30 Apr 2015 23:12

Instrument :

BNA_F

ClientSampleId :

SB-59D

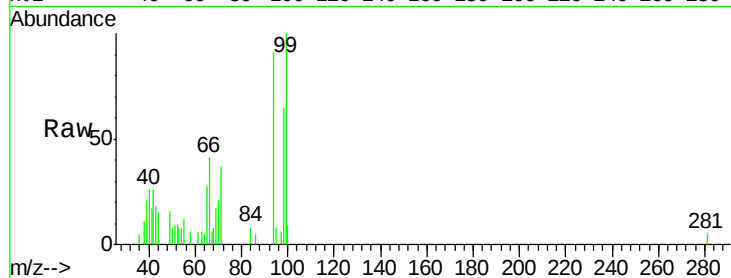
Tgt Ion: 94 Resp: 4676

Ion Ratio Lower Upper

94 100

65 30.5 8.5 48.5

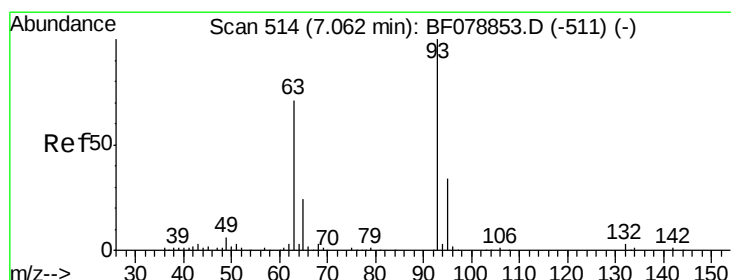
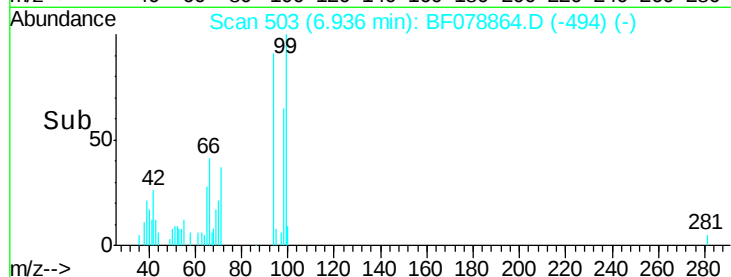
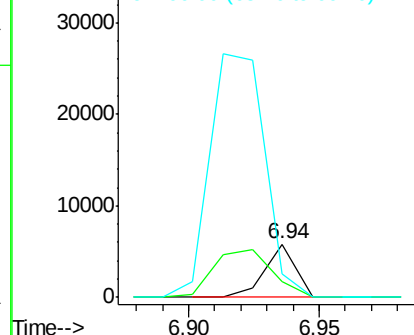
66 44.5 16.0 56.0



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: 0.21 ng

RT: 7.08 min Scan# 516

Delta R.T. 0.02 min

Lab File: BF078864.D

Acq: 30 Apr 2015 23:12

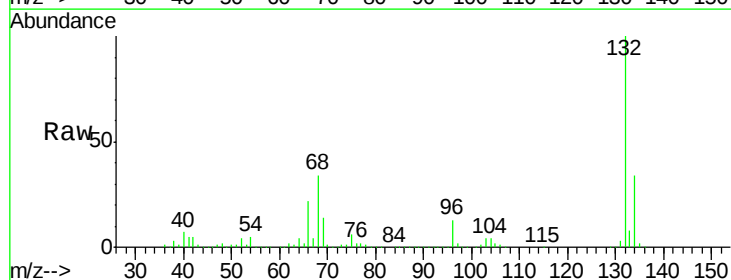
Tgt Ion: 93 Resp: 1017

Ion Ratio Lower Upper

93 100

63 568.1 64.8 104.8#

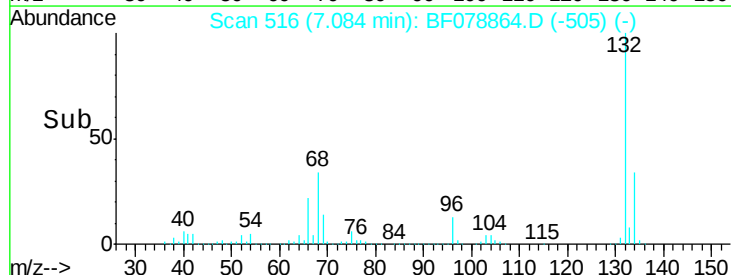
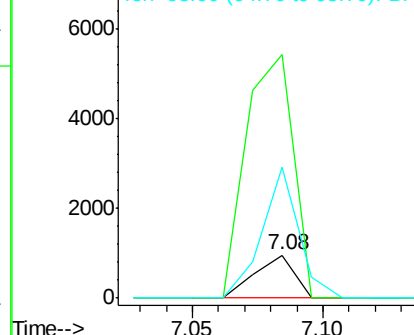
95 304.8 12.4 52.4#

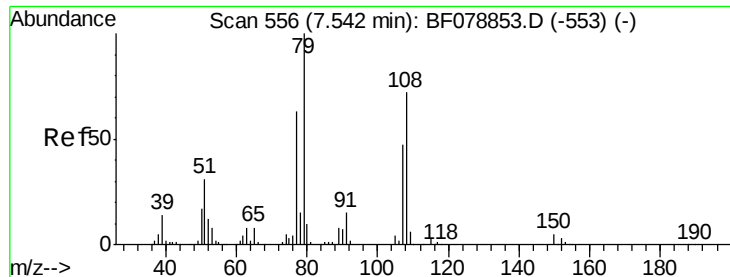


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0





#15

Benzyl Alcohol

Concen: 1.80 ng

RT: 7.55 min Scan# 557

Delta R.T. 0.01 min

Lab File: BF078864.D

Acq: 30 Apr 2015 23:12

Instrument :

BNA_F

ClientSampleID :

SB-59D

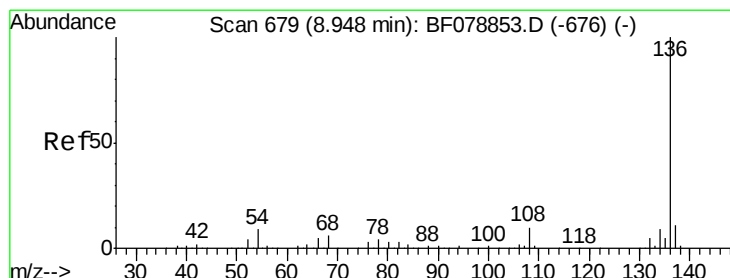
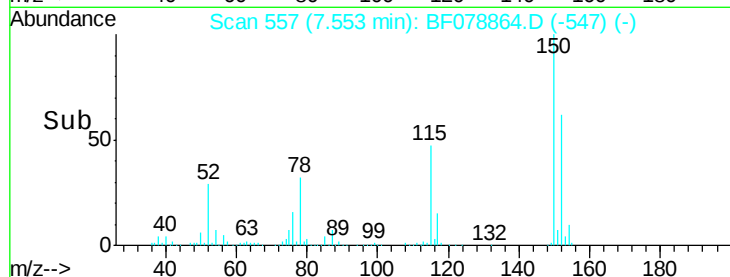
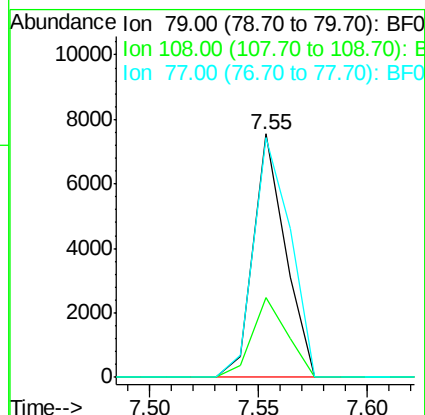
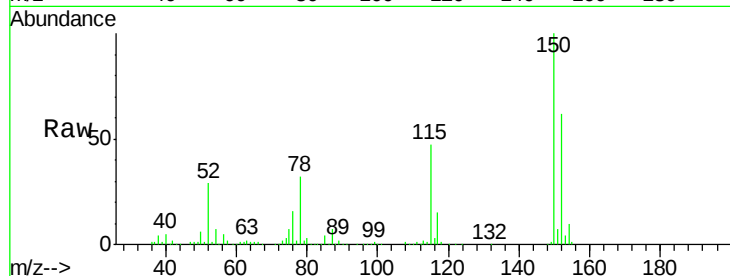
Tgt Ion: 79 Resp: 7775

Ion Ratio Lower Upper

79 100

108 32.7 62.5 93.7#

77 98.4 52.2 78.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.95 min Scan# 679

Delta R.T. -0.00 min

Lab File: BF078864.D

Acq: 30 Apr 2015 23:12

Tgt Ion: 136 Resp: 317203

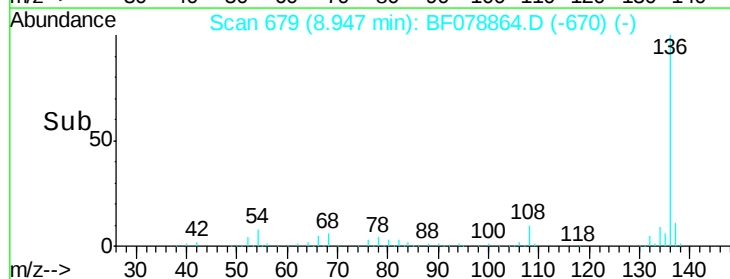
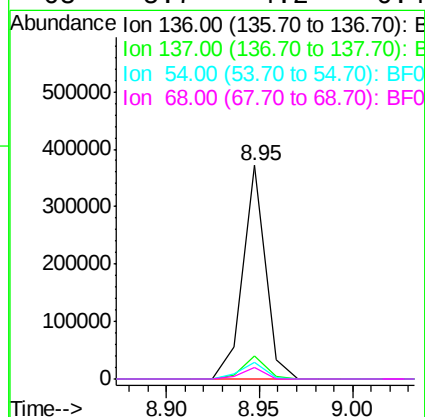
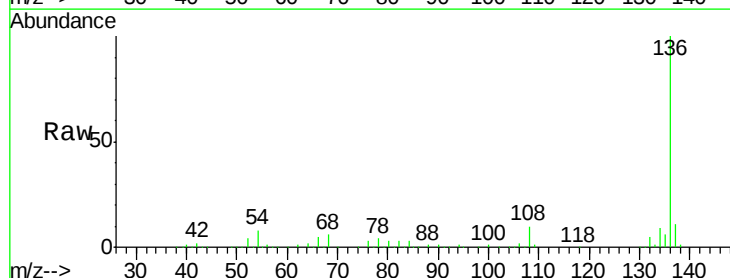
Ion Ratio Lower Upper

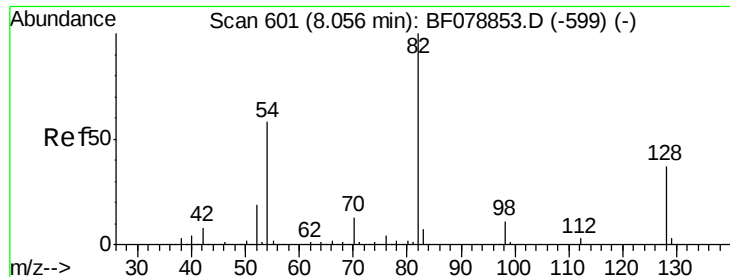
136 100

137 10.7 8.7 13.1

54 7.9 5.8 8.8

68 5.7 4.2 6.4

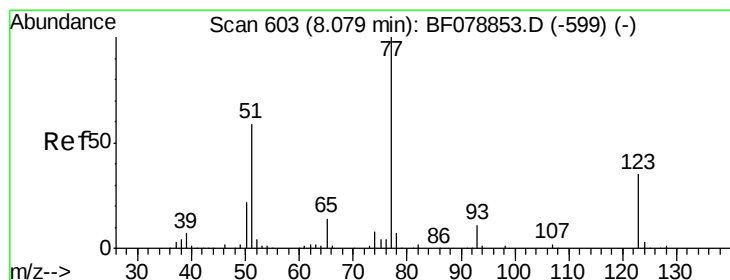
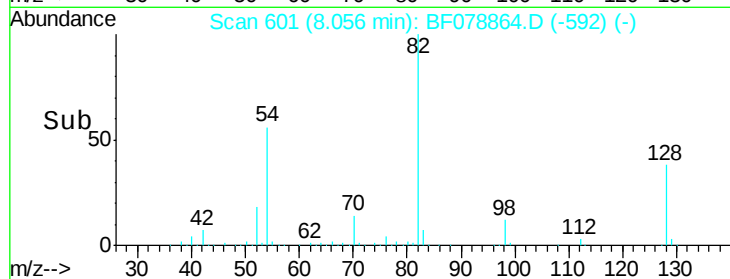
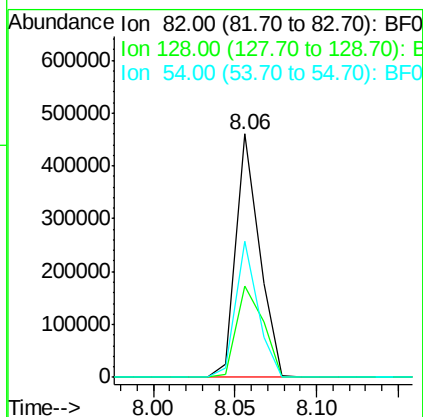
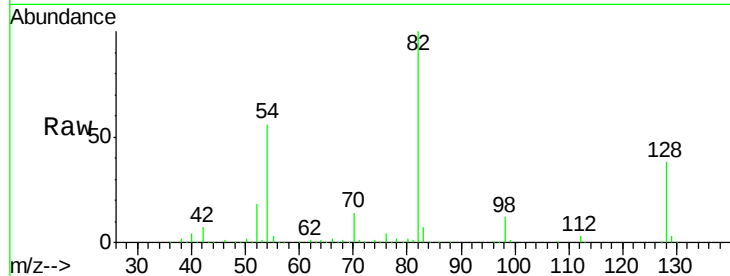




#23
 Nitrobenzene-d5
 Concen: 83.12 ng
 RT: 8.06 min Scan# 601
 Delta R.T. -0.00 min
 Lab File: BF078864.D
 Acq: 30 Apr 2015 23:12

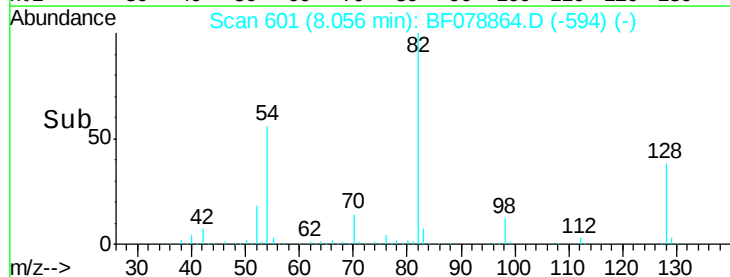
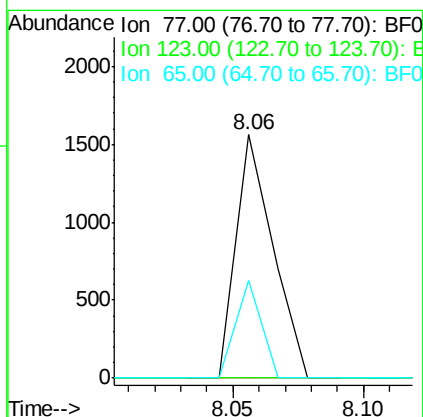
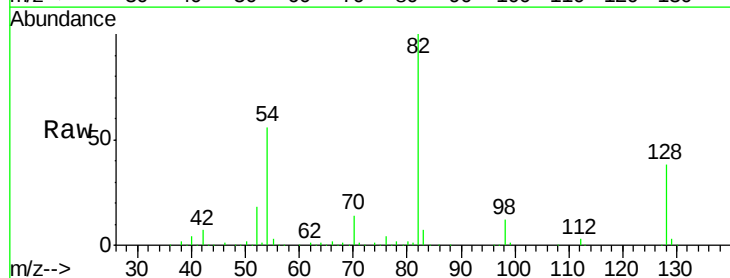
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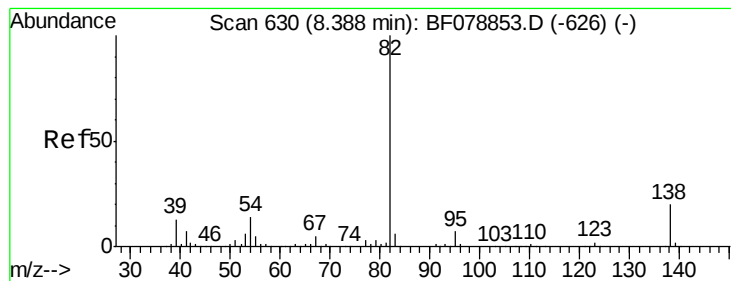
Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.7	30.0	45.0
54	56.0	46.4	69.6



#24
 Nitrobenzene
 Concen: 0.28 ng
 RT: 8.06 min Scan# 601
 Delta R.T. -0.02 min
 Lab File: BF078864.D
 Acq: 30 Apr 2015 23:12

Tgt Ion	Ratio	Lower	Upper
77	100		
123	0.0	31.8	47.8#
65	40.2	10.6	15.8#





#25

Isophorone

Concen: 0.06 ng

RT: 8.38 min Scan# 629

Delta R.T. -0.01 min

Lab File: BF078864.D

Acq: 30 Apr 2015 23:12

Instrument :

BNA_F

ClientSampleId :

SB-59D

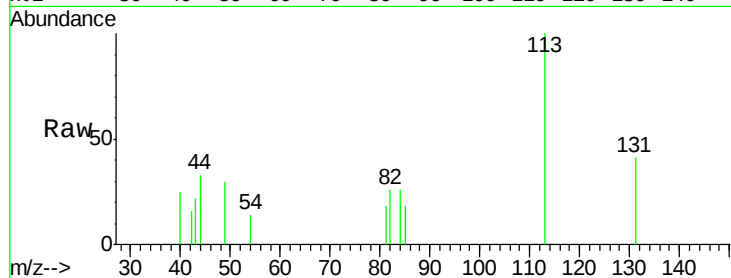
Tgt Ion: 82 Resp: 625

Ion Ratio Lower Upper

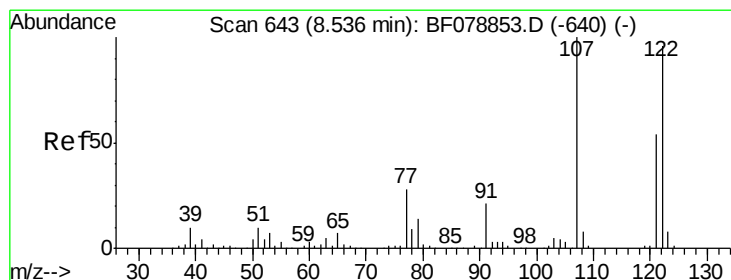
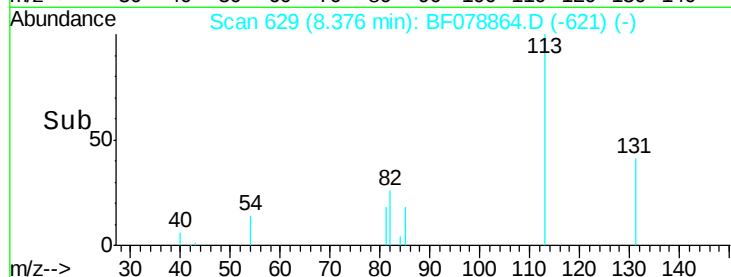
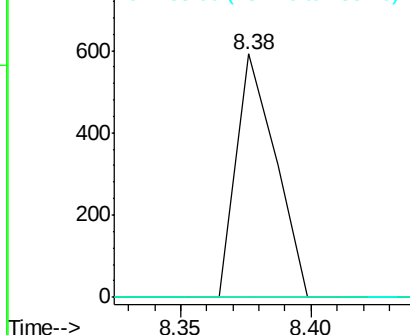
82 100

95 0.0 5.3 7.9#

138 0.0 12.0 18.0#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E



#27

2,4-Dimethylphenol

Concen: 1.07 ng

RT: 8.57 min Scan# 646

Delta R.T. 0.03 min

Lab File: BF078864.D

Acq: 30 Apr 2015 23:12

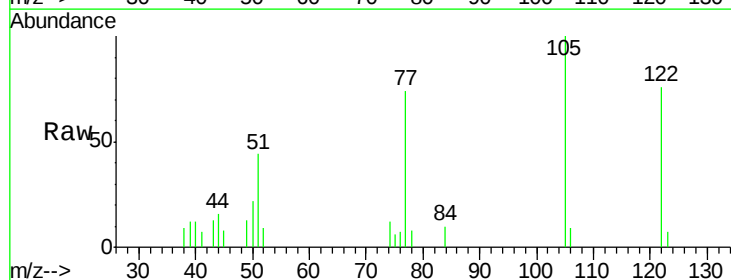
Tgt Ion: 122 Resp: 4853

Ion Ratio Lower Upper

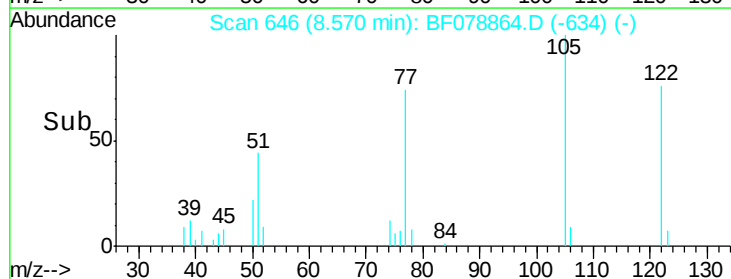
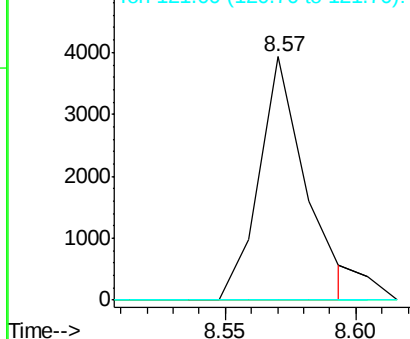
122 100

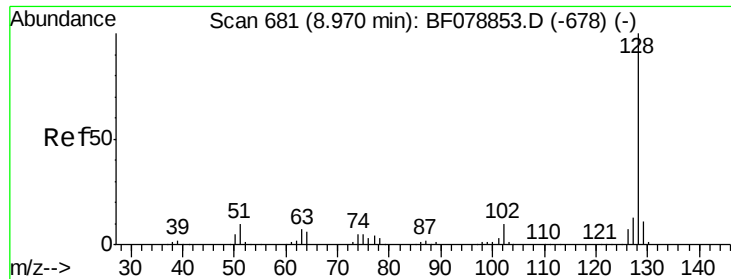
107 0.0 90.6 135.8#

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

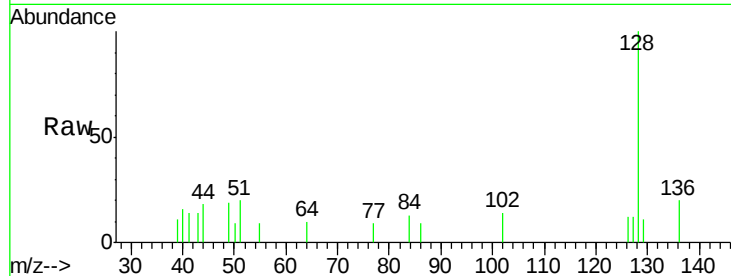




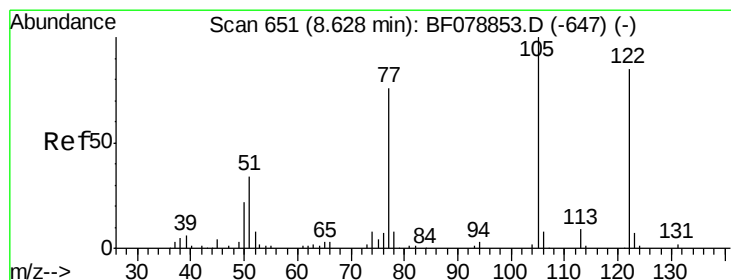
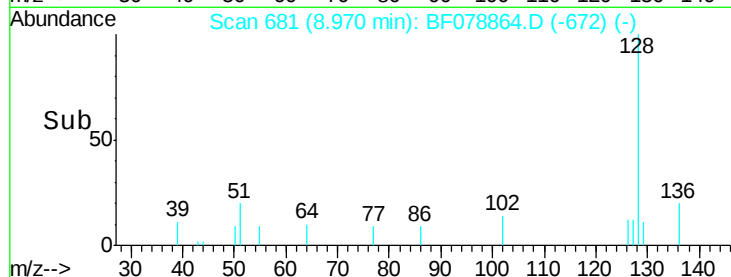
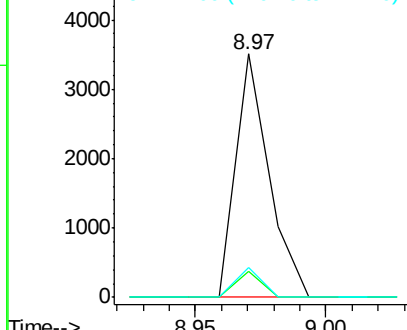
#31
Naphthalene
Concen: 0.21 ng
RT: 8.97 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF078864.D
Acq: 30 Apr 2015 23:12

Instrument :
BNA_F
ClientSampleId :
SB-59D

Tgt Ion:128 Resp: 3111
Ion Ratio Lower Upper
128 100
129 10.5 9.3 13.9
127 12.0 10.7 16.1

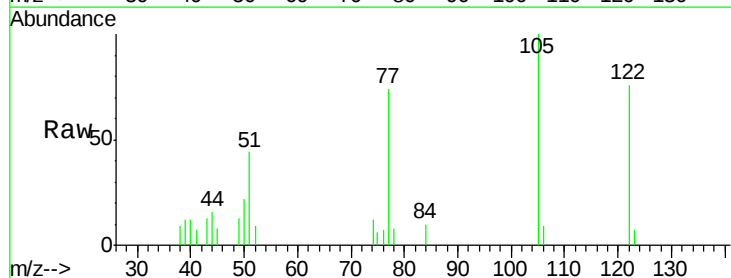


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

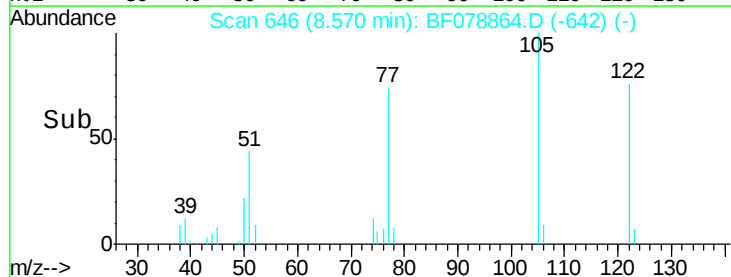
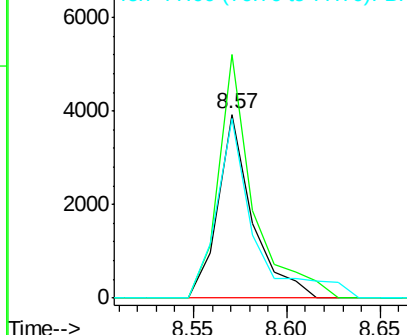


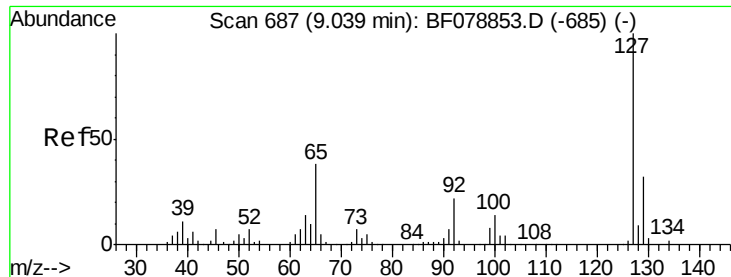
#32
Benzoic acid
Concen: 7.87 ng
RT: 8.57 min Scan# 646
Delta R.T. -0.06 min
Lab File: BF078864.D
Acq: 30 Apr 2015 23:12

Tgt Ion:122 Resp: 5108
Ion Ratio Lower Upper
122 100
105 132.4 107.1 147.1
77 97.8 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

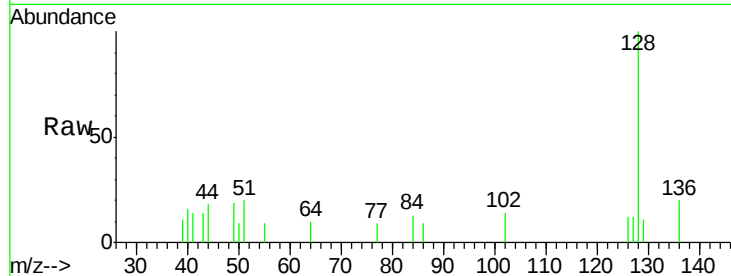




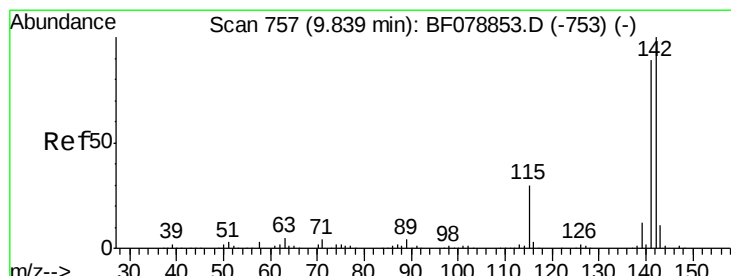
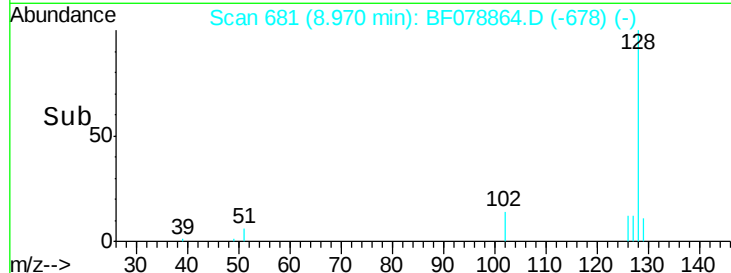
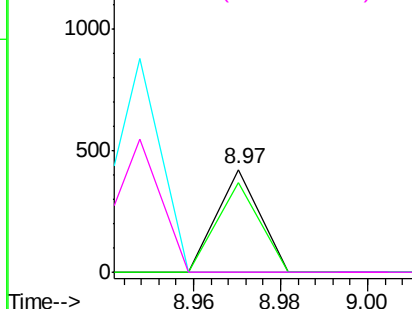
#33
4-Chloroaniline
Concen: 0.05 ng
RT: 8.97 min Scan# 681
Delta R.T. -0.07 min
Lab File: BF078864.D
Acq: 30 Apr 2015 23:12

Instrument :
BNA_F
ClientSampleId :
SB-59D

Tgt Ion:	127	Resp:	289
Ion	Ratio	Lower	Upper
127	100		
129	87.4	25.8	38.8#
65	0.0	25.8	38.6#
92	0.0	15.5	23.3#

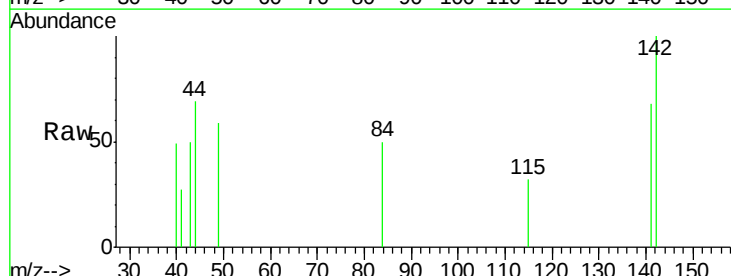


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

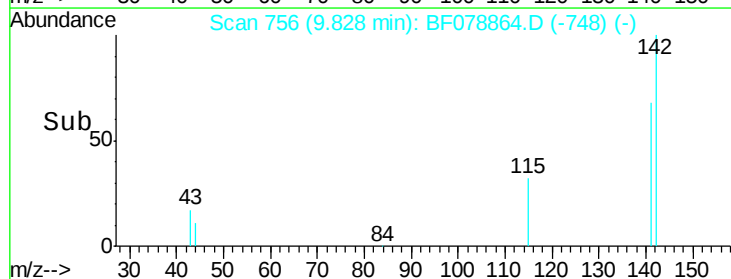
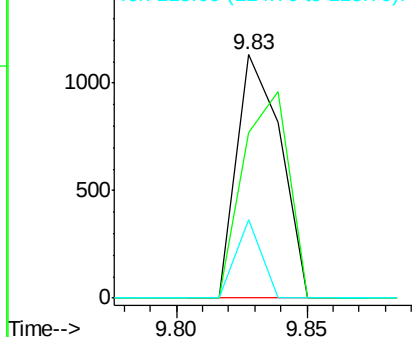


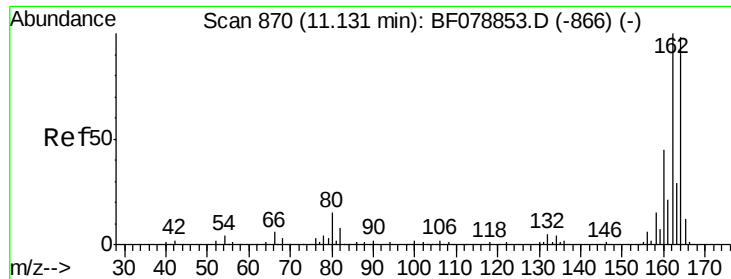
#37
2-Methylnaphthalene
Concen: 0.13 ng
RT: 9.83 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF078864.D
Acq: 30 Apr 2015 23:12

Tgt Ion:	142	Resp:	1337
Ion	Ratio	Lower	Upper
142	100		
141	67.8	70.9	106.3#
115	32.0	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: BF078864.D

Acq: 30 Apr 2015 23:12

Instrument :

BNA_F

ClientSampleId :

SB-59D

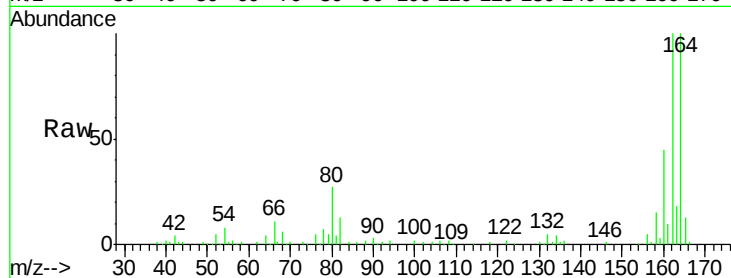
Tgt Ion:164 Resp: 146451

Ion Ratio Lower Upper

164 100

162 99.9 82.7 124.1

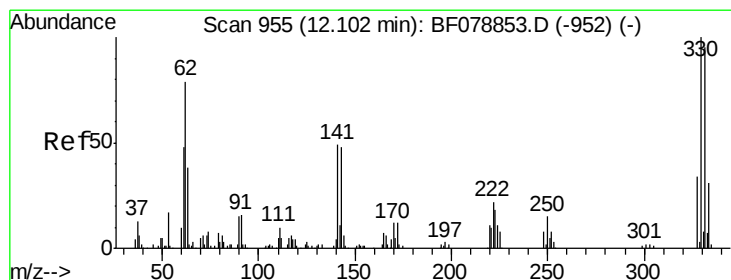
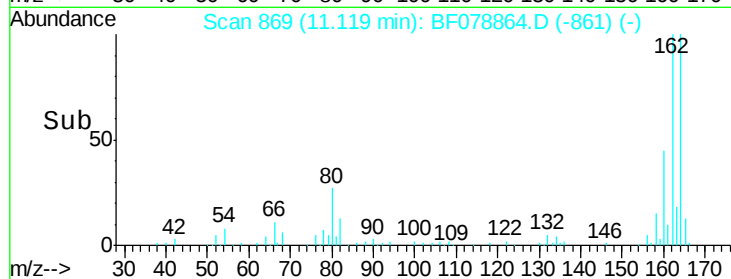
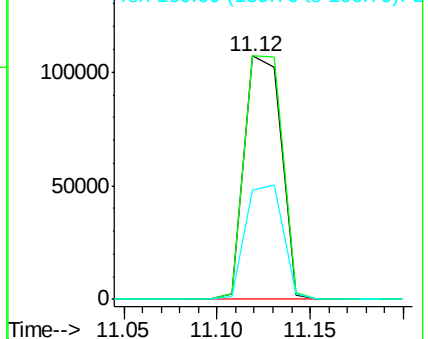
160 45.0 35.8 53.8



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: 148.93 ng

RT: 12.10 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF078864.D

Acq: 30 Apr 2015 23:12

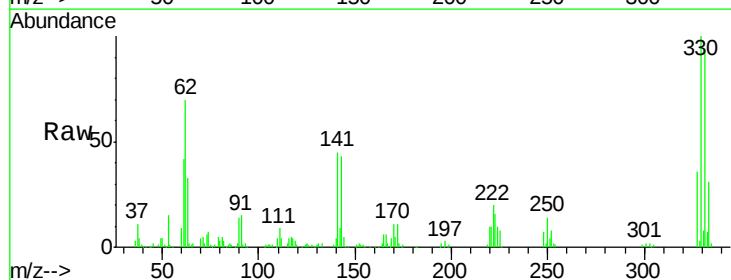
Tgt Ion:330 Resp: 235951

Ion Ratio Lower Upper

330 100

332 95.9 0.0 0.0#

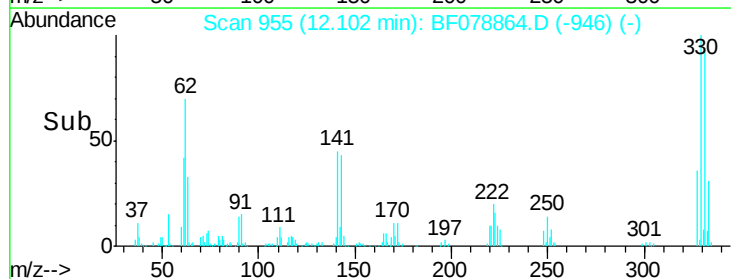
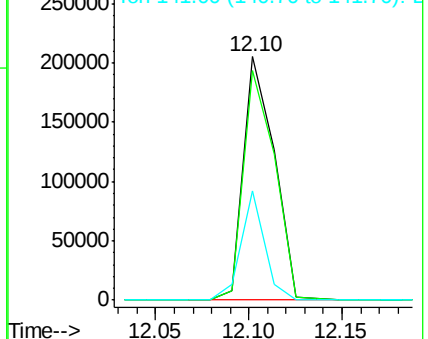
141 34.5 0.0 0.0#

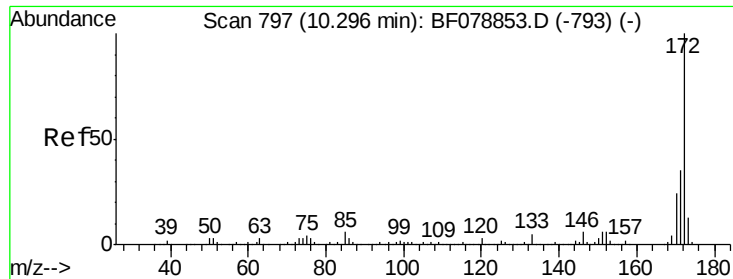


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

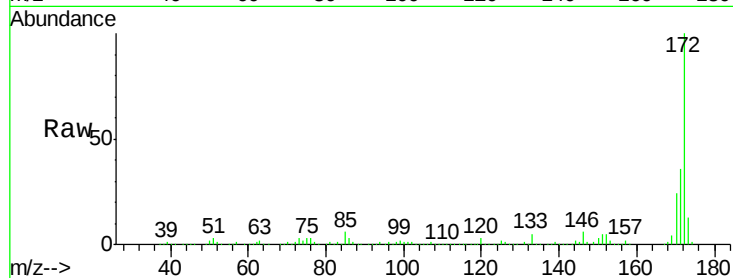




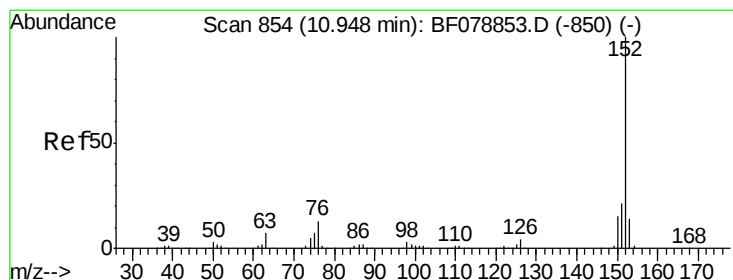
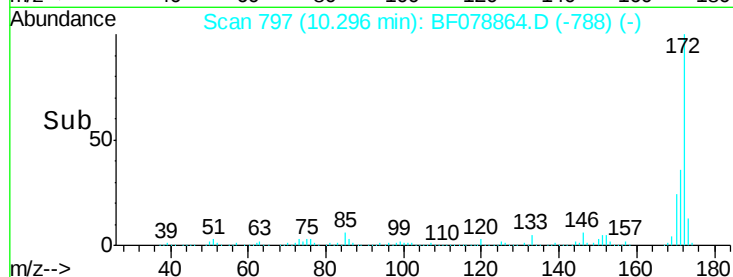
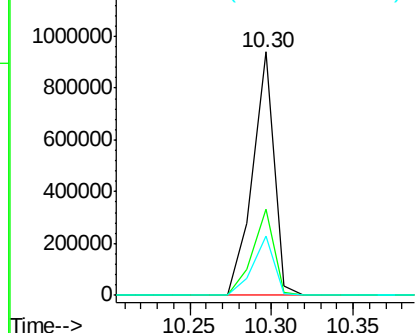
#44
2-Fluorobiphenyl
Concen: 82.09 ng
RT: 10.30 min Scan# 797
Delta R.T. -0.00 min
Lab File: BF078864.D
Acq: 30 Apr 2015 23:12

Instrument :
BNA_F
ClientSampleId :
SB-59D

Tgt Ion:172 Resp: 862950
Ion Ratio Lower Upper
172 100
171 35.5 27.9 41.9
170 24.3 19.4 29.0

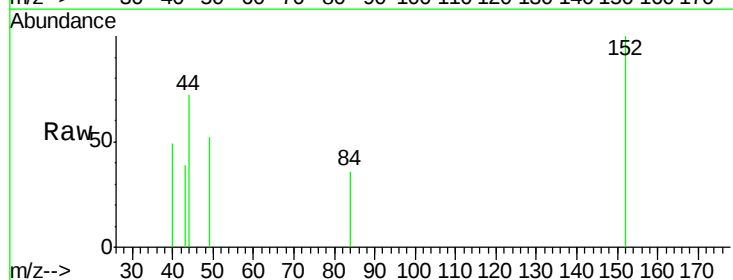


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

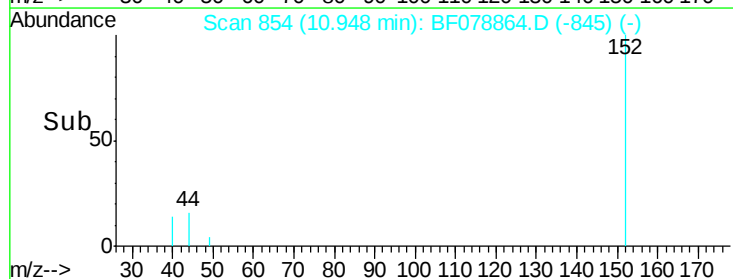
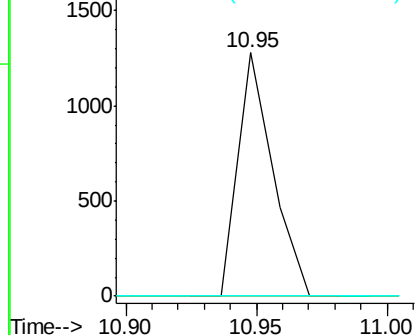


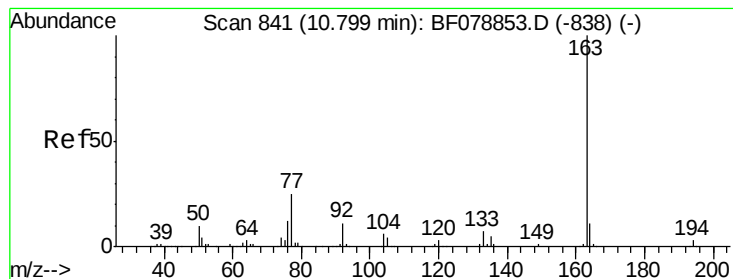
#48
Acenaphthylene
Concen: 0.08 ng
RT: 10.95 min Scan# 854
Delta R.T. -0.00 min
Lab File: BF078864.D
Acq: 30 Apr 2015 23:12

Tgt Ion:152 Resp: 1199
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





#49

Dimethylphthalate

Concen: 5.09 ng

RT: 10.80 min Scan# 841

Delta R.T. -0.00 min

Lab File: BF078864.D

Acq: 30 Apr 2015 23:12

Instrument :

BNA_F

ClientSampleId :

SB-59D

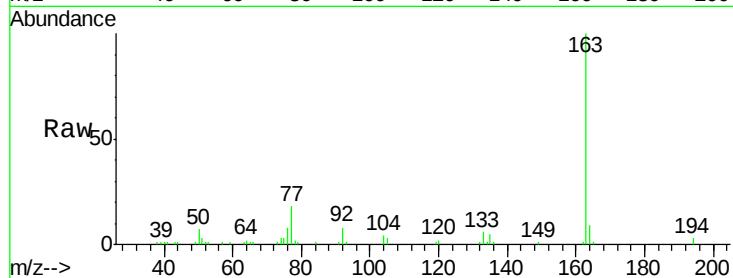
Tgt Ion:163 Resp: 54660

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

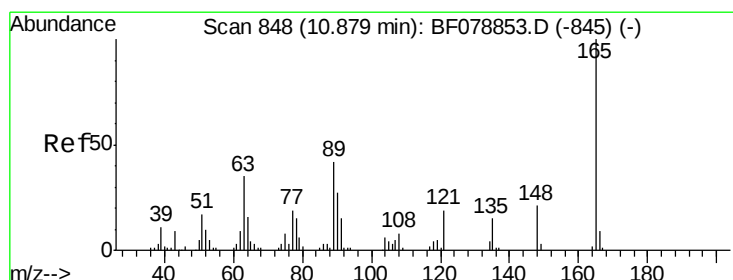
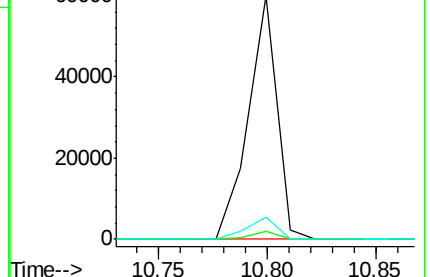
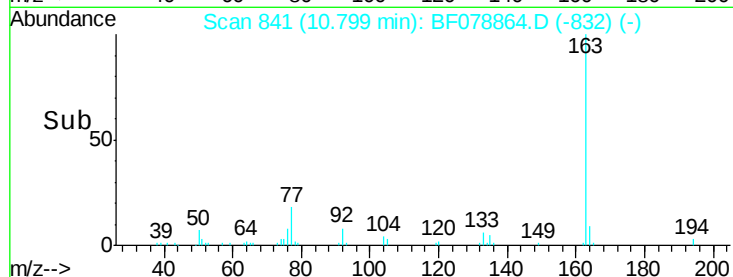
164 9.2 8.1 12.1



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



#50

2,6-Dinitrotoluene

Concen: 0.19 ng

RT: 10.80 min Scan# 841

Delta R.T. -0.07 min

Lab File: BF078864.D

Acq: 30 Apr 2015 23:12

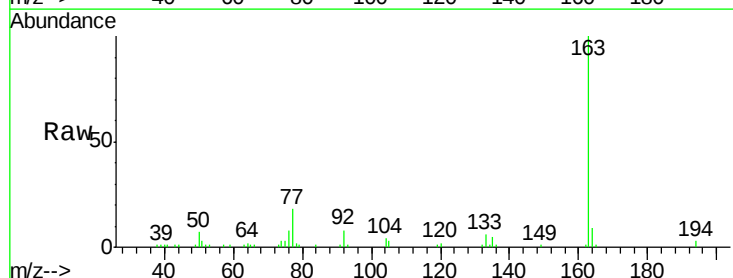
Tgt Ion:165 Resp: 404

Ion Ratio Lower Upper

165 100

63 136.8 54.4 81.6#

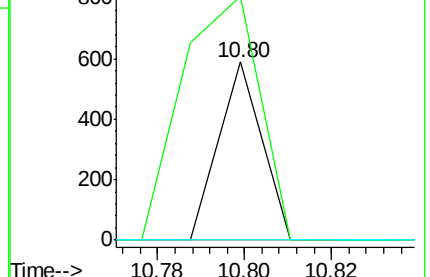
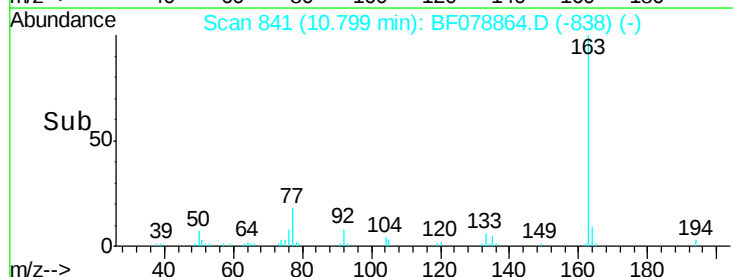
89 0.0 55.7 83.5#

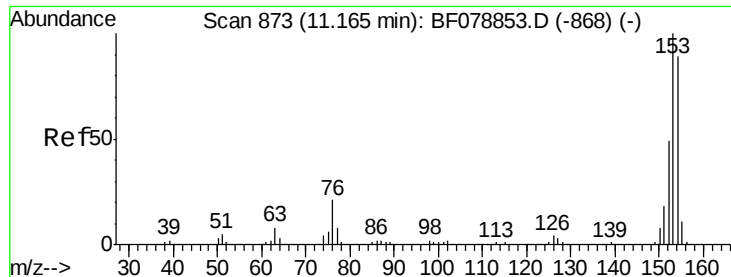


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 0.42 ng

RT: 11.16 min Scan# 873

Delta R.T. -0.00 min

Lab File: BF078864.D

Acq: 30 Apr 2015 23:12

Instrument :

BNA_F

ClientSampled :

SB-59D

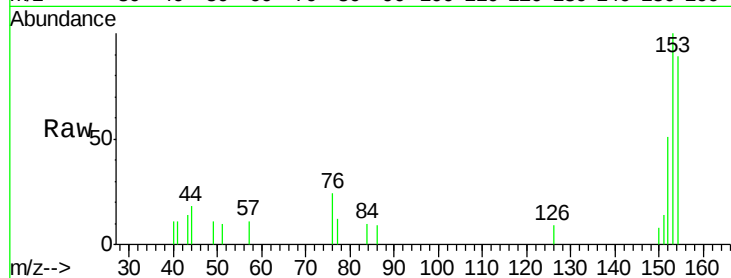
Tgt Ion:154 Resp: 3757

Ion Ratio Lower Upper

154 100

153 112.8 91.5 137.3

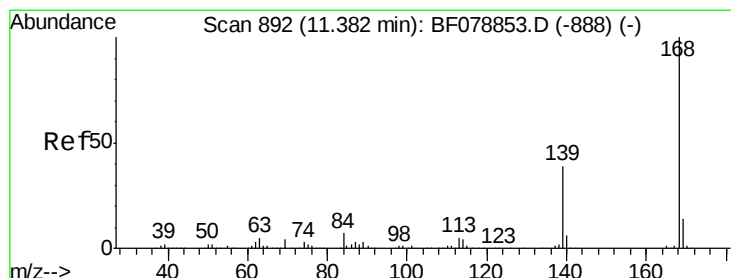
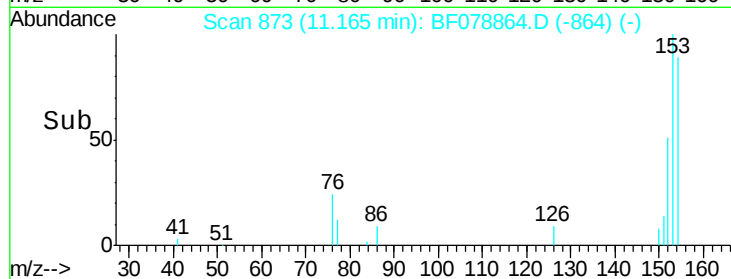
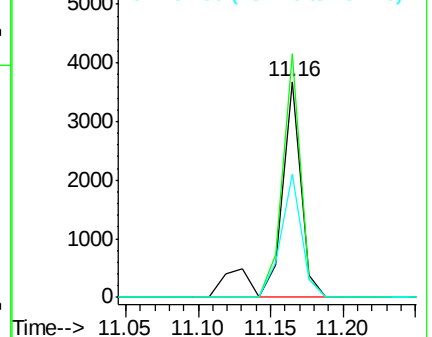
152 57.0 44.2 66.4



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

Dibenzofuran

Concen: 0.24 ng

RT: 11.38 min Scan# 892

Delta R.T. -0.00 min

Lab File: BF078864.D

Acq: 30 Apr 2015 23:12

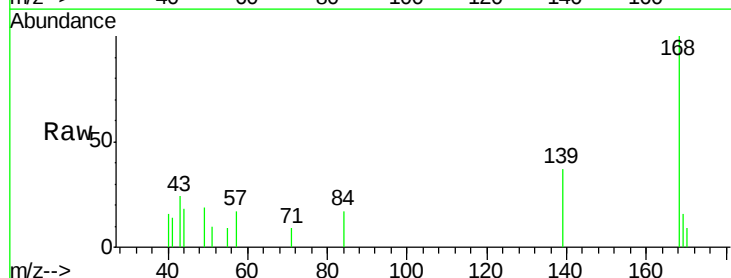
Tgt Ion:168 Resp: 3039

Ion Ratio Lower Upper

168 100

139 36.7 31.0 46.4

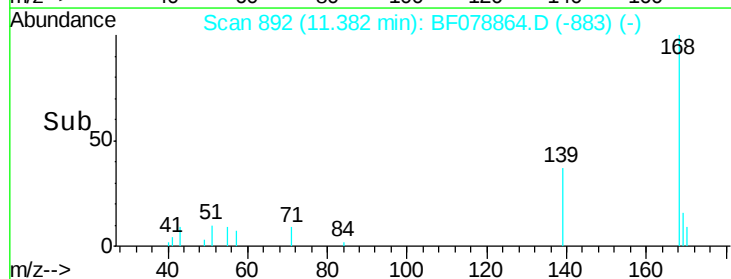
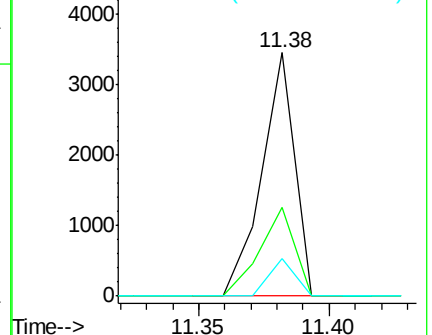
169 15.5 10.6 16.0

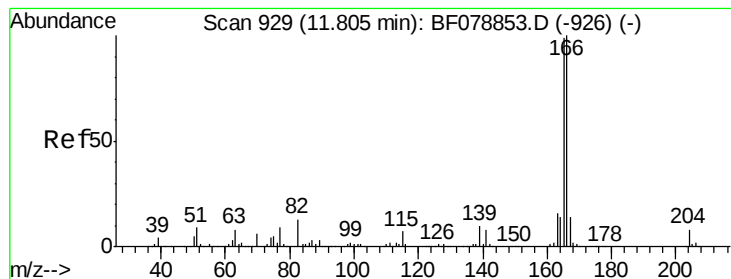


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#57

Fluorene

Concen: 0.40 ng

RT: 11.80 min Scan# 929

Delta R.T. -0.00 min

Lab File: BF078864.D

Acq: 30 Apr 2015 23:12

Instrument :

BNA_F

ClientSampleId :

SB-59D

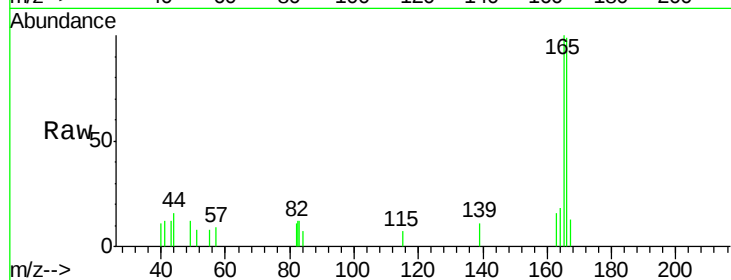
Tgt Ion:166 Resp: 4241

Ion Ratio Lower Upper

166 100

165 101.1 78.5 117.7

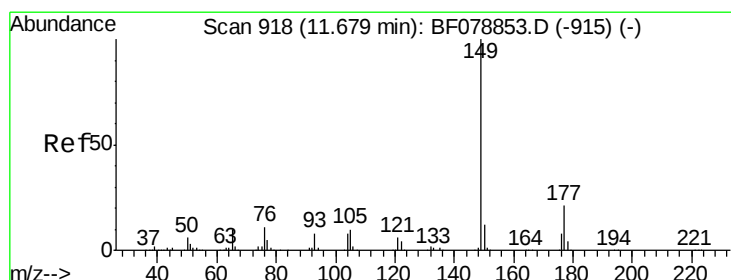
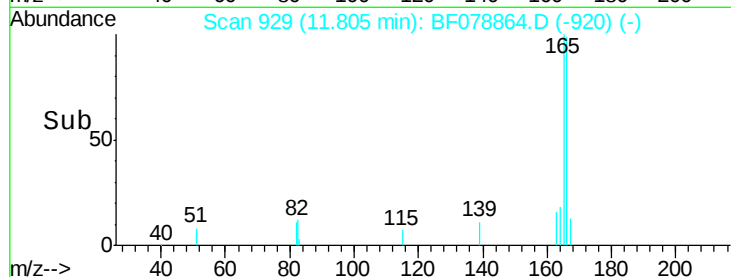
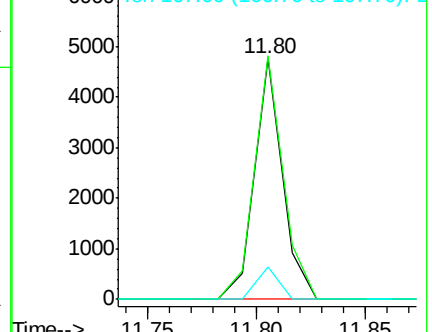
167 13.3 11.0 16.6



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: 0.04 ng

RT: 11.68 min Scan# 918

Delta R.T. -0.00 min

Lab File: BF078864.D

Acq: 30 Apr 2015 23:12

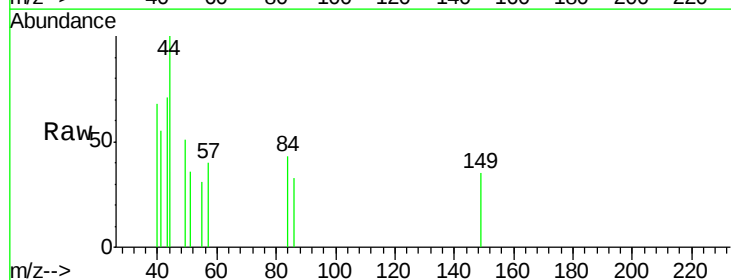
Tgt Ion:149 Resp: 452

Ion Ratio Lower Upper

149 100

177 0.0 17.5 26.3#

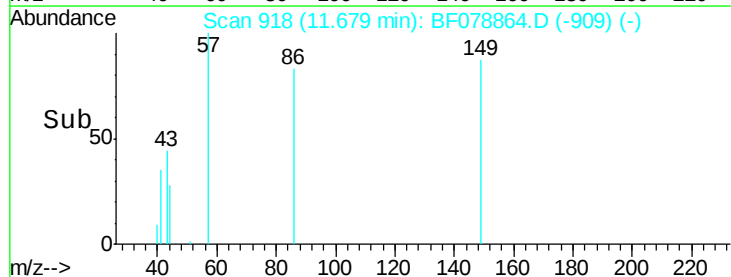
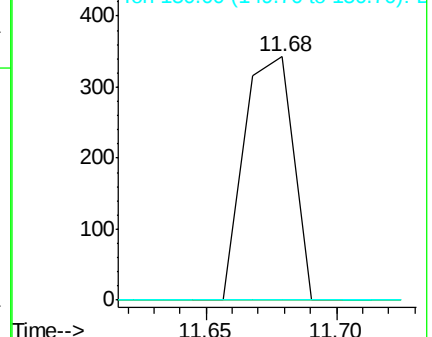
150 0.0 9.6 14.4#

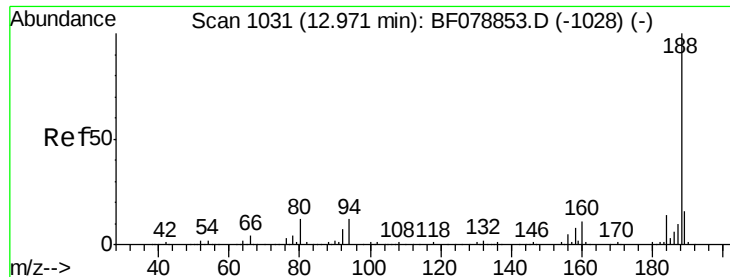


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

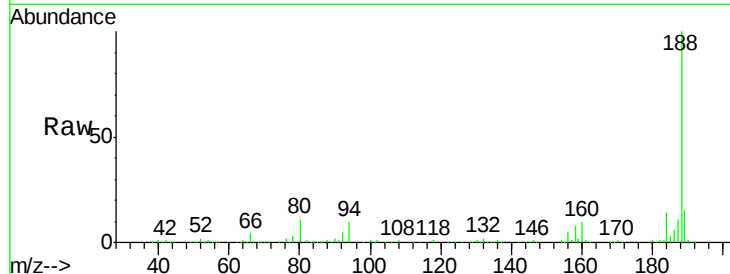




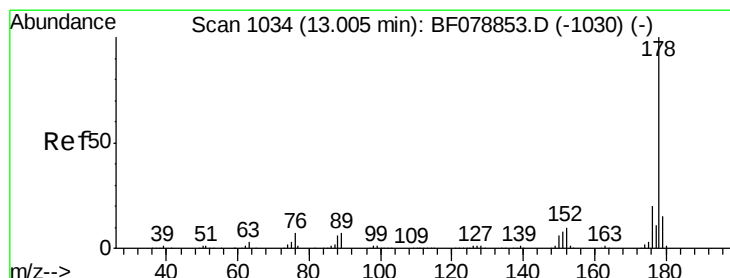
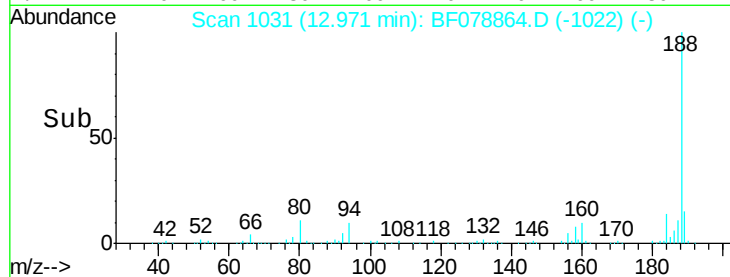
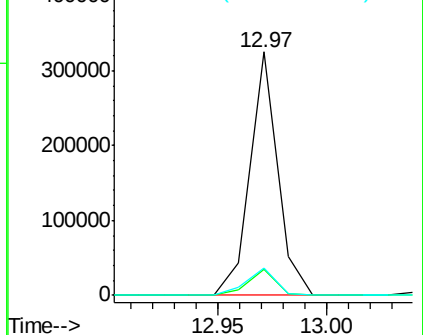
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.97 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF078864.D
Acq: 30 Apr 2015 23:12

Instrument :
BNA_F
ClientSampleId :
SB-59D

Tgt Ion:188 Resp: 289227
Ion Ratio Lower Upper
188 100
94 10.5 8.2 12.2
80 11.3 8.9 13.3

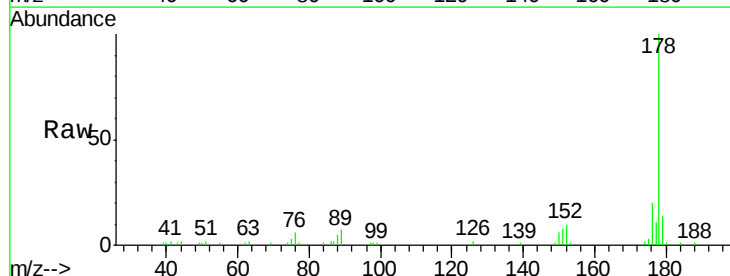


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

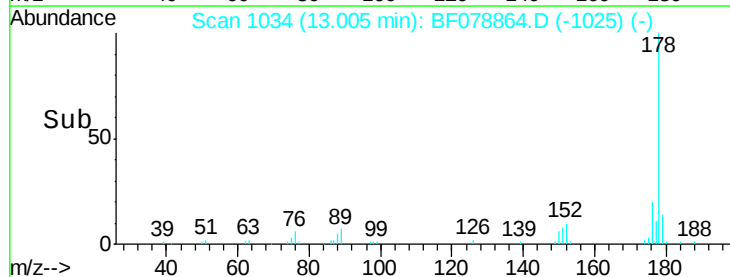
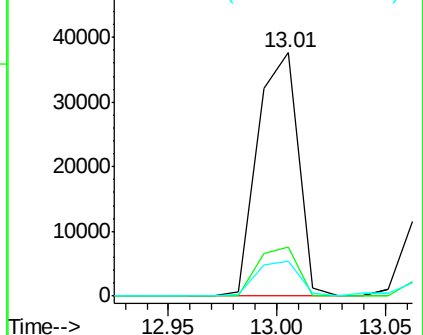


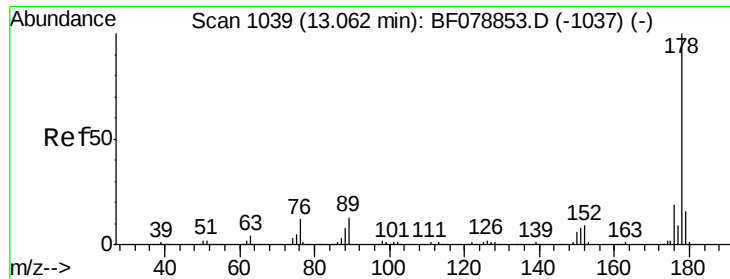
#70
Phenanthrene
Concen: 3.04 ng
RT: 13.01 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF078864.D
Acq: 30 Apr 2015 23:12

Tgt Ion:178 Resp: 49146
Ion Ratio Lower Upper
178 100
176 20.0 15.8 23.8
179 14.1 12.5 18.7



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: 0.68 ng

RT: 13.06 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF078864.D

Acq: 30 Apr 2015 23:12

Instrument :

BNA_F

ClientSampleId :

SB-59D

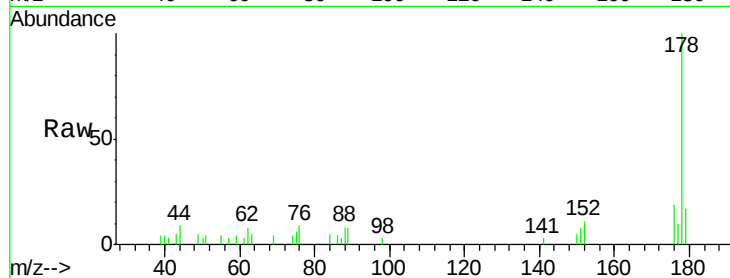
Tgt Ion:178 Resp: 10768

Ion Ratio Lower Upper

178 100

176 19.3 15.5 23.3

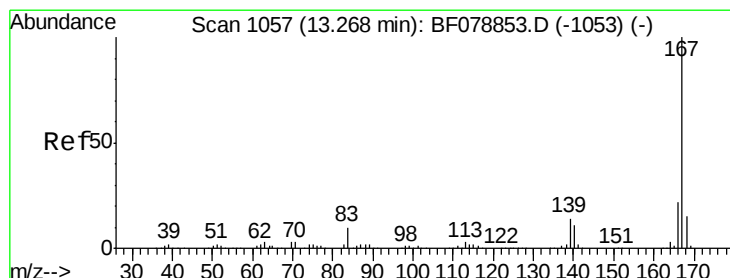
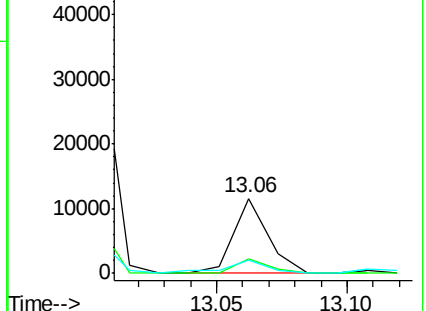
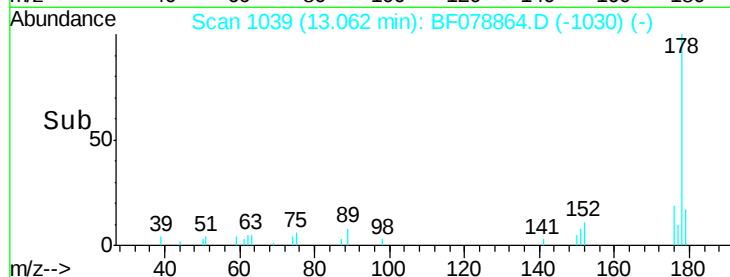
179 17.0 12.7 19.1



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: 0.16 ng

RT: 13.27 min Scan# 1057

Delta R.T. -0.00 min

Lab File: BF078864.D

Acq: 30 Apr 2015 23:12

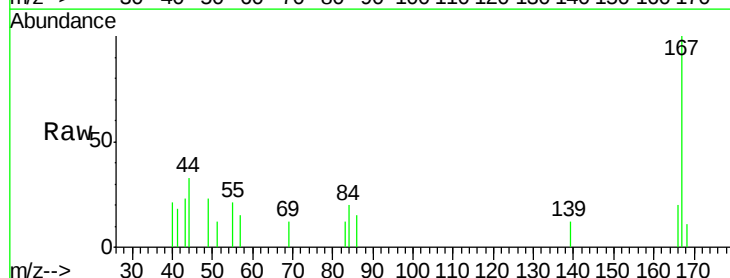
Tgt Ion:167 Resp: 2409

Ion Ratio Lower Upper

167 100

166 20.4 17.8 26.8

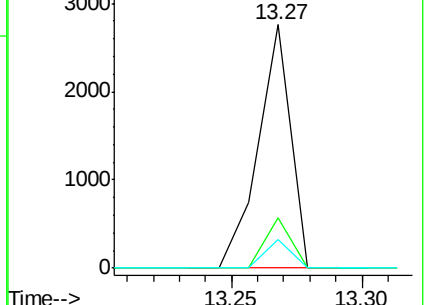
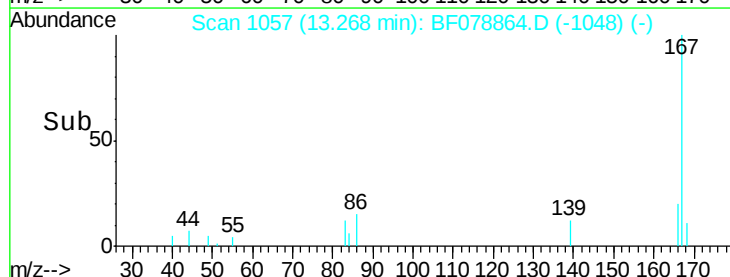
139 11.9 10.6 16.0

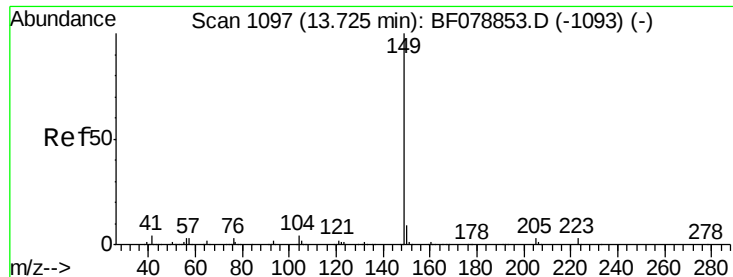


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 0.07 ng

RT: 13.71 min Scan# 1096

Delta R.T. -0.00 min

Lab File: BF078864.D

Acq: 30 Apr 2015 23:12

Instrument :

BNA_F

ClientSampleId :

SB-59D

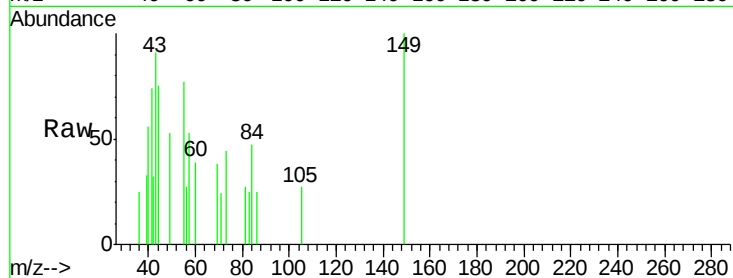
Tgt Ion:149 Resp: 1297

Ion Ratio Lower Upper

149 100

150 0.0 7.7 11.5#

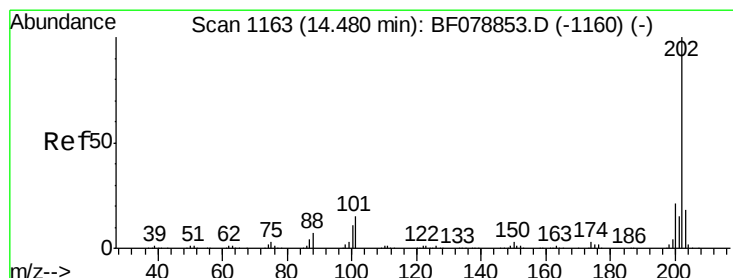
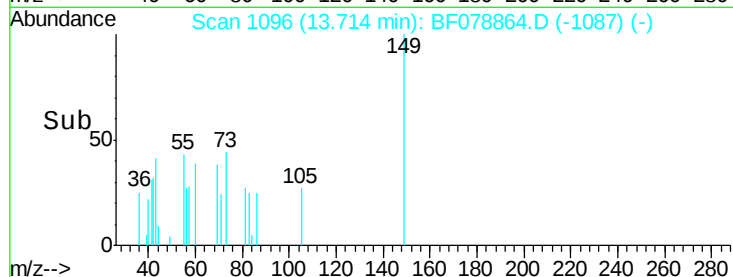
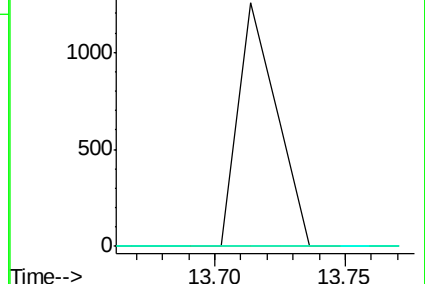
104 0.0 4.6 7.0#



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: 3.01 ng

RT: 14.48 min Scan# 1163

Delta R.T. -0.00 min

Lab File: BF078864.D

Acq: 30 Apr 2015 23:12

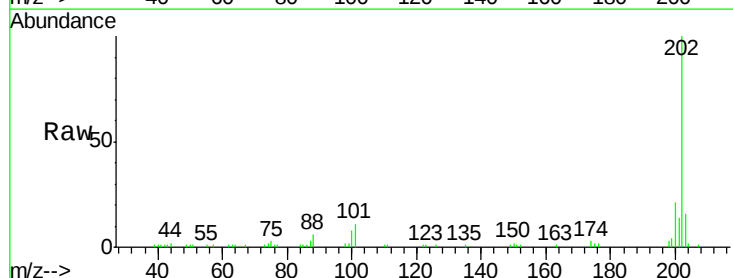
Tgt Ion:202 Resp: 50829

Ion Ratio Lower Upper

202 100

101 11.3 0.0 34.6

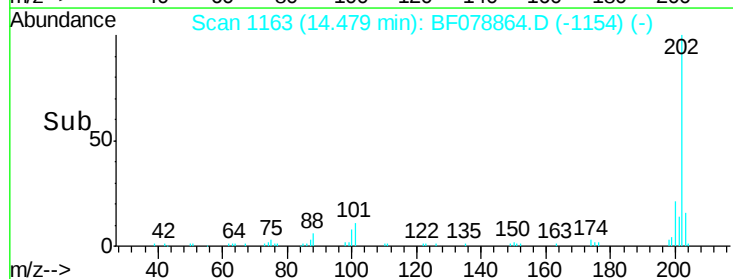
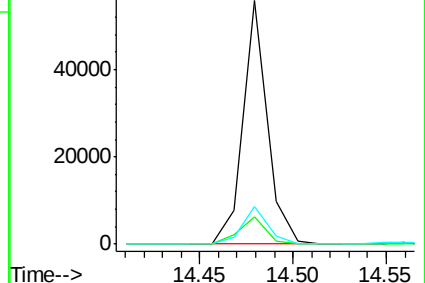
203 15.7 0.0 38.4

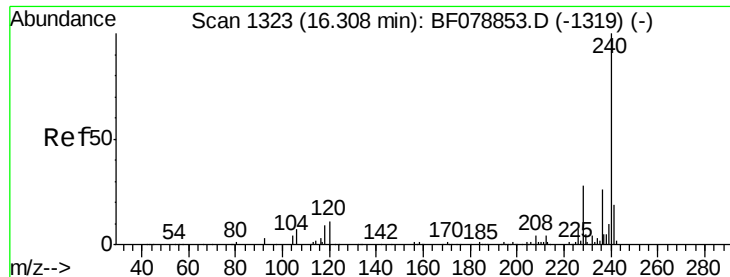


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.26 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF078864.D

Acq: 30 Apr 2015 23:12

Instrument :

BNA_F

ClientSampleId :

SB-59D

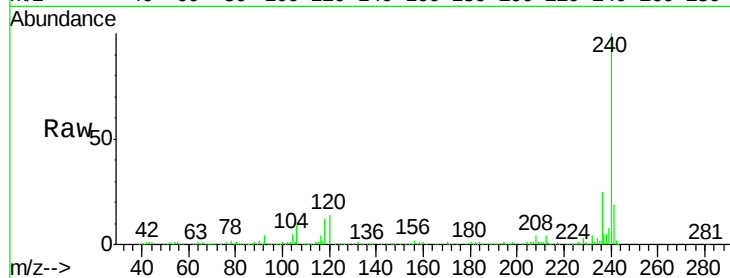
Tgt Ion:240 Resp: 289505

Ion Ratio Lower Upper

240 100

120 14.1 9.7 14.5

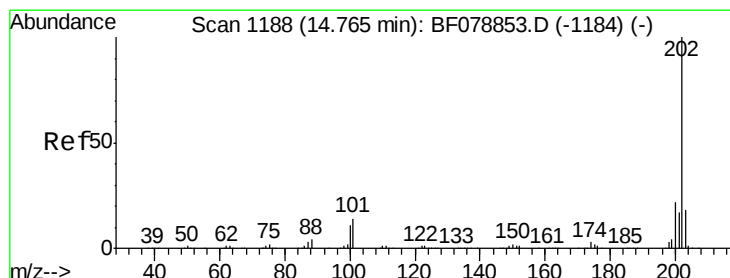
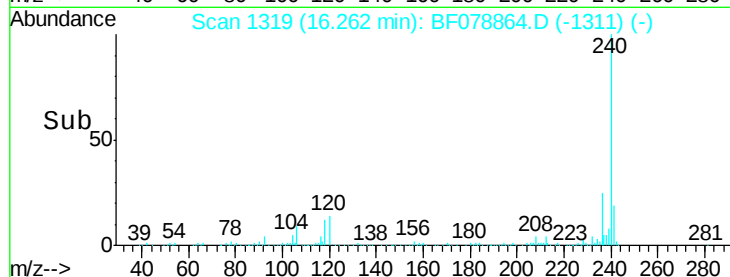
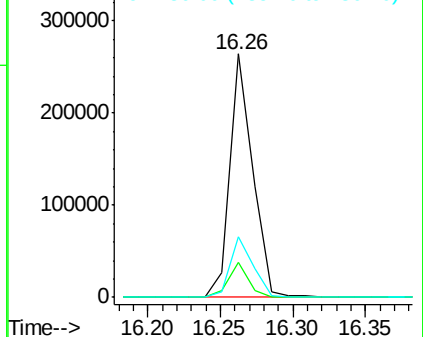
236 24.9 20.2 30.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 3.12 ng

RT: 14.77 min Scan# 1188

Delta R.T. -0.00 min

Lab File: BF078864.D

Acq: 30 Apr 2015 23:12

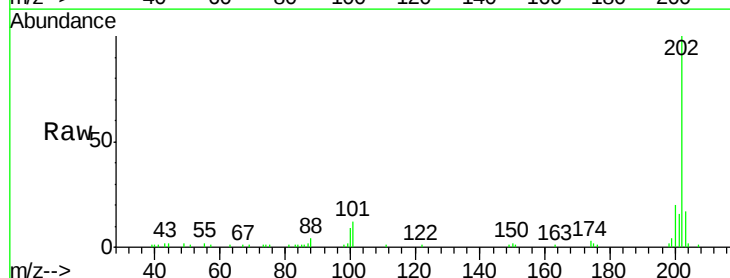
Tgt Ion:202 Resp: 52079

Ion Ratio Lower Upper

202 100

200 19.9 17.5 26.3

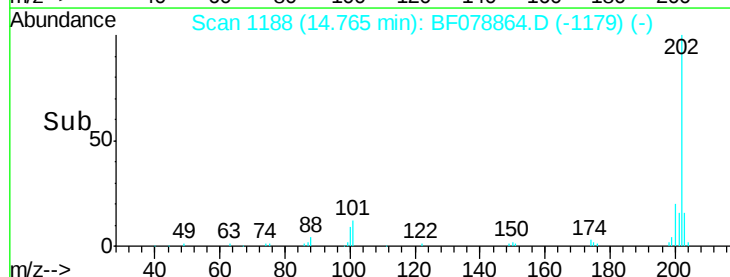
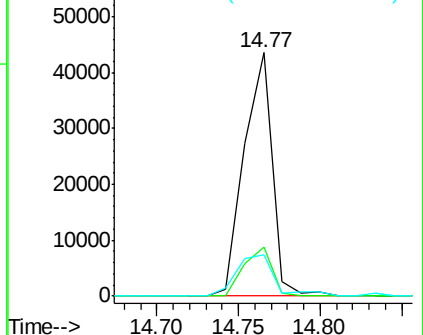
203 17.1 13.9 20.9

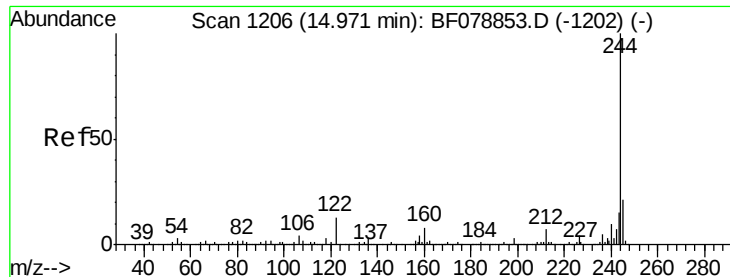


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 82.59 ng

RT: 14.97 min Scan# 1206

Delta R.T. -0.00 min

Lab File: BF078864.D

Acq: 30 Apr 2015 23:12

Instrument :

BNA_F

ClientSampleId :

SB-59D

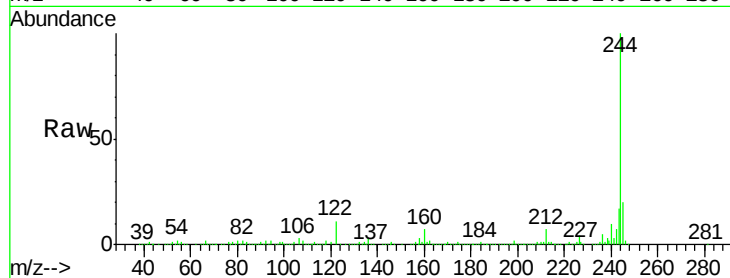
Tgt Ion:244 Resp: 998711

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

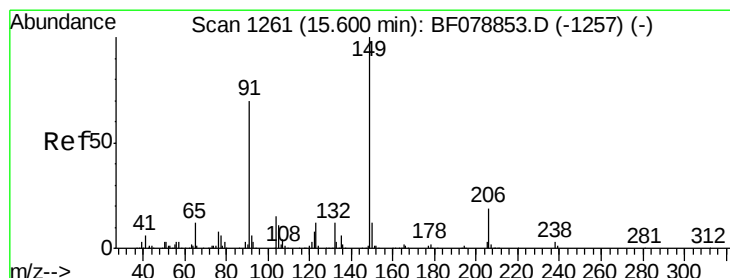
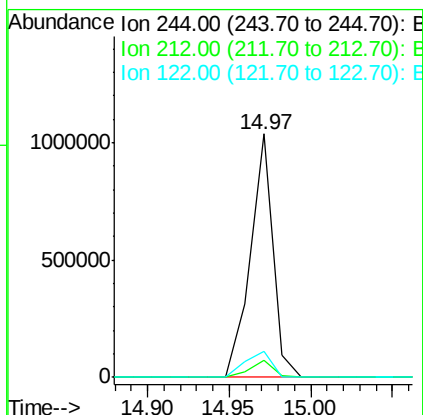
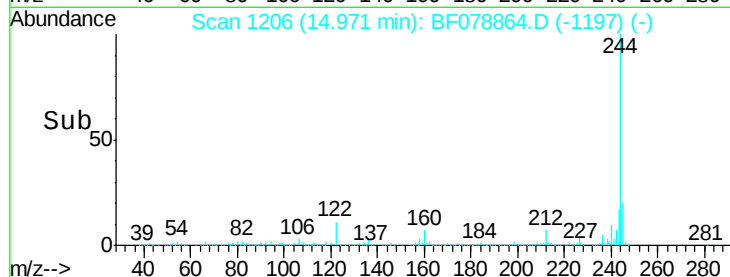
122 10.7 10.3 15.5



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: BF078864.D

Acq: 30 Apr 2015 23:12

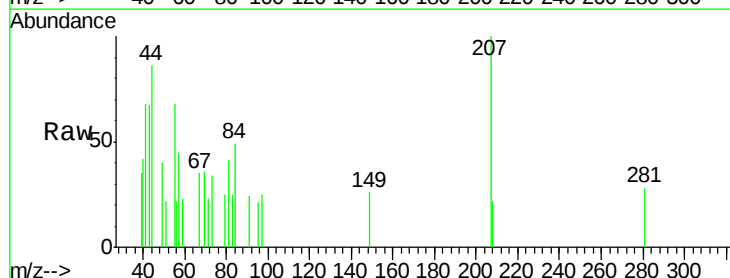
Tgt Ion:149 Resp: 252

Ion Ratio Lower Upper

149 100

91 95.1 64.6 97.0

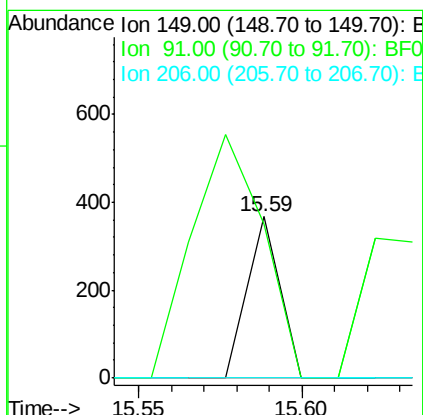
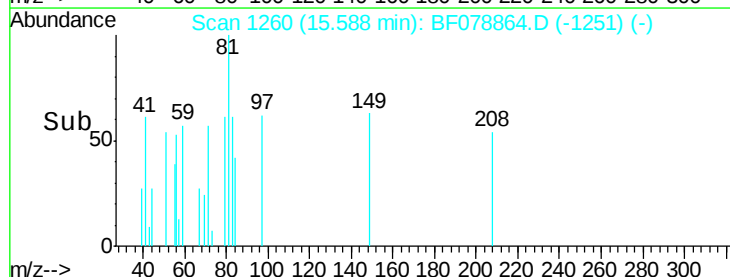
206 0.0 12.2 18.4#

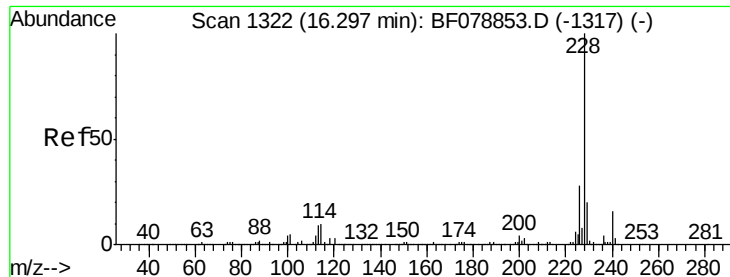


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 1.54 ng

RT: 16.25 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF078864.D

Acq: 30 Apr 2015 23:12

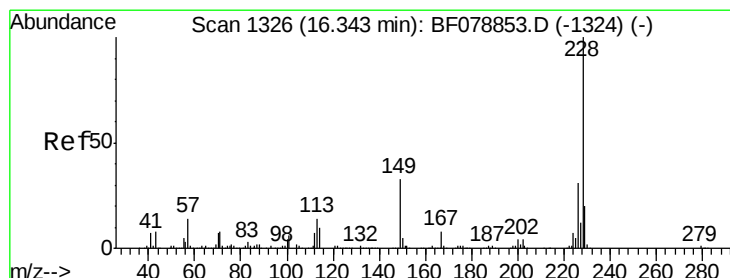
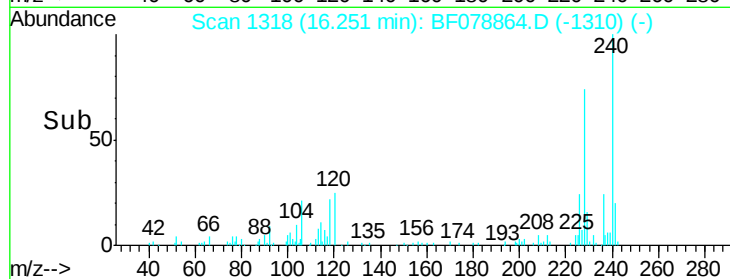
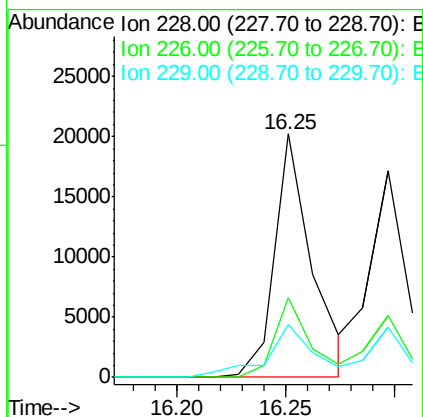
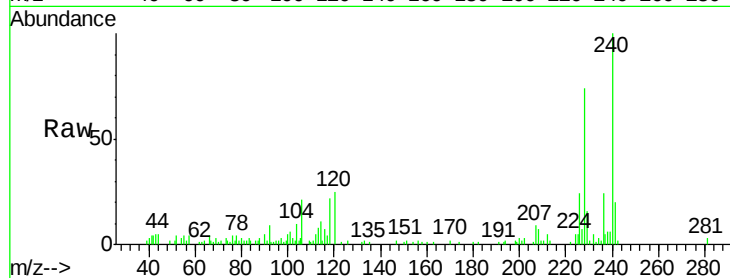
Instrument :

BNA_F

ClientSampled :

SB-59D

Tgt Ion:	228	Resp:	24346
Ion	Ratio	Lower	Upper
228	100		
226	32.5	22.6	33.8
229	22.0	15.9	23.9



#82

Chrysene

Concen: 1.60 ng

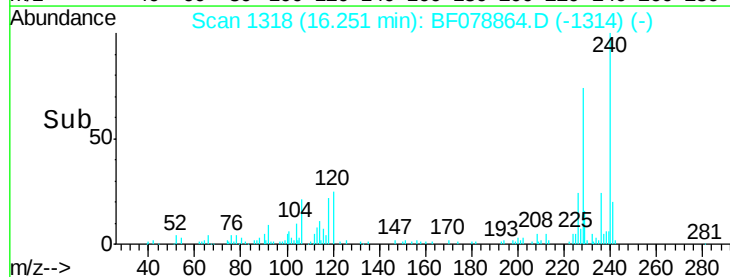
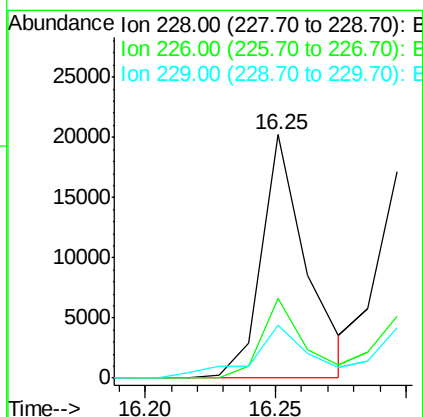
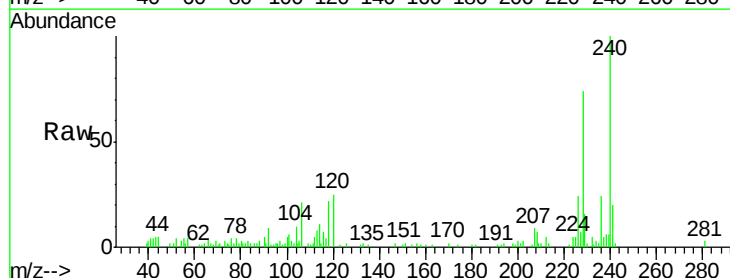
RT: 16.25 min Scan# 1318

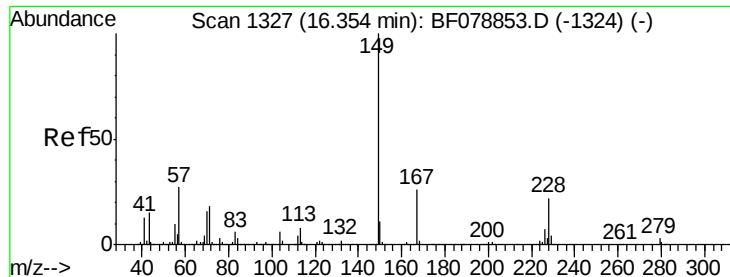
Delta R.T. -0.06 min

Lab File: BF078864.D

Acq: 30 Apr 2015 23:12

Tgt Ion:	228	Resp:	24345
Ion	Ratio	Lower	Upper
228	100		
226	32.5	24.9	37.3
229	22.0	16.0	24.0

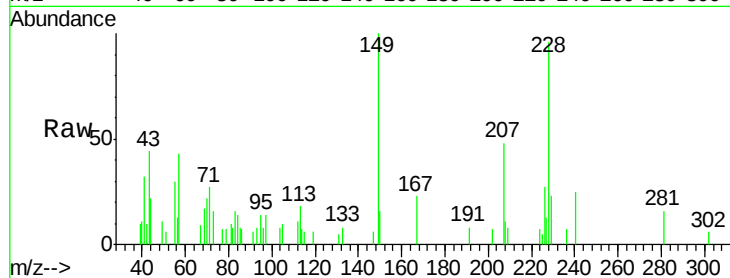




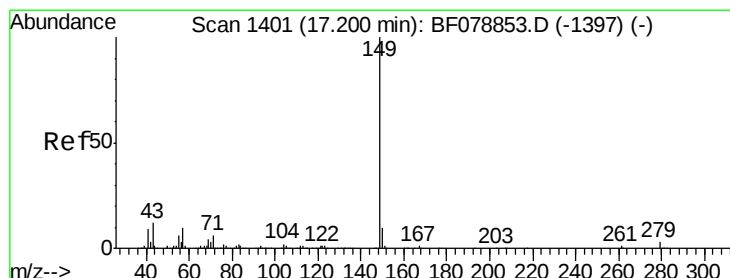
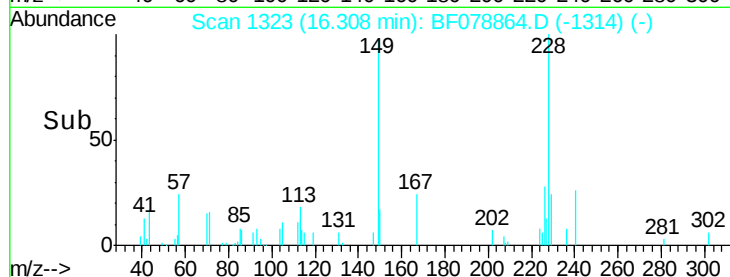
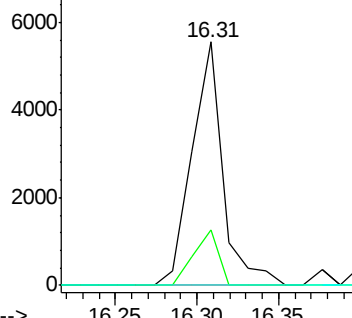
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.66 ng
 RT: 16.31 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: BF078864.D
 Acq: 30 Apr 2015 23:12

Instrument :
 BNA_F
 ClientSampleId :
 SB-59D

Tgt Ion:149 Resp: 7274
 Ion Ratio Lower Upper
 149 100
 167 22.9 21.8 32.8
 279 0.0 2.9 4.3#

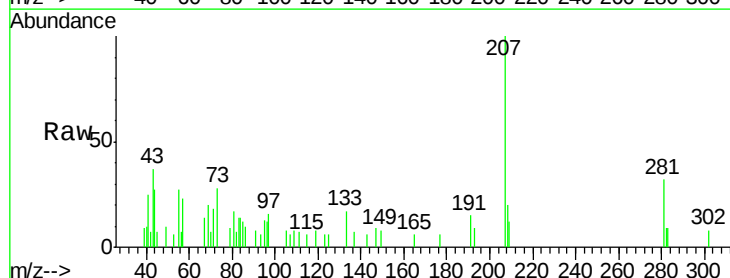


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

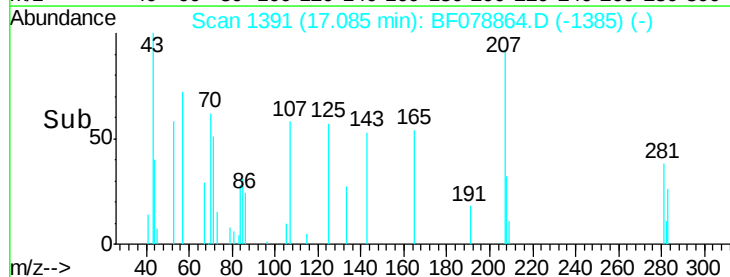
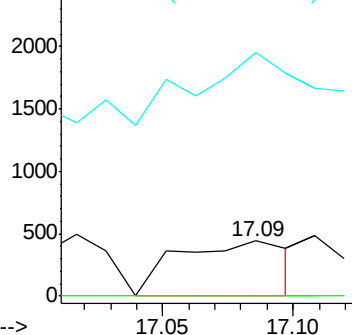


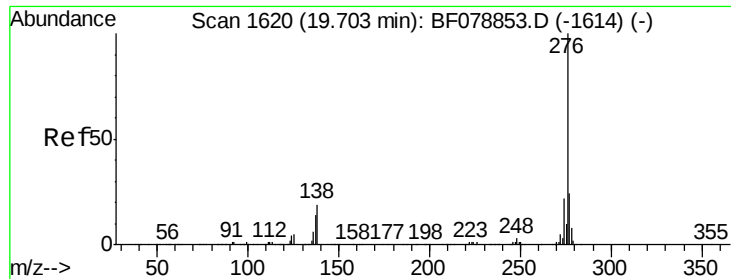
#84
 Di-n-octyl phthalate
 Concen: 0.07 ng
 RT: 17.09 min Scan# 1391
 Delta R.T. -0.03 min
 Lab File: BF078864.D
 Acq: 30 Apr 2015 23:12

Tgt Ion:149 Resp: 1306
 Ion Ratio Lower Upper
 149 100
 167 0.0 0.0 0.0
 43 140.7 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

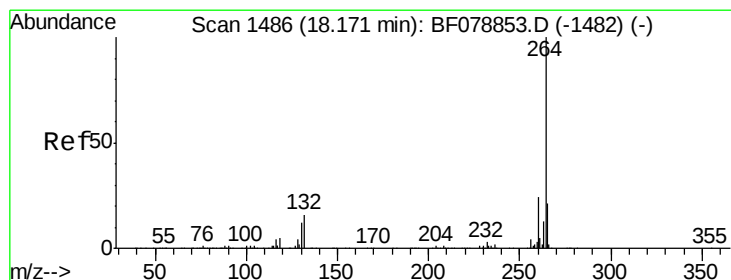
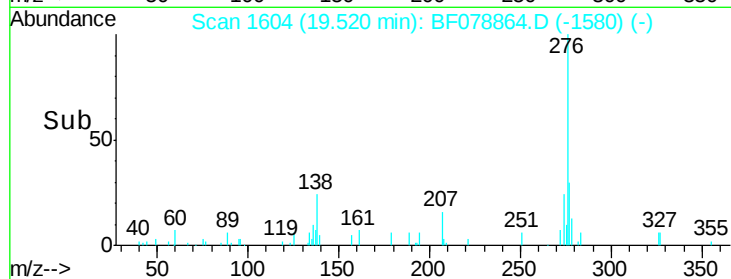
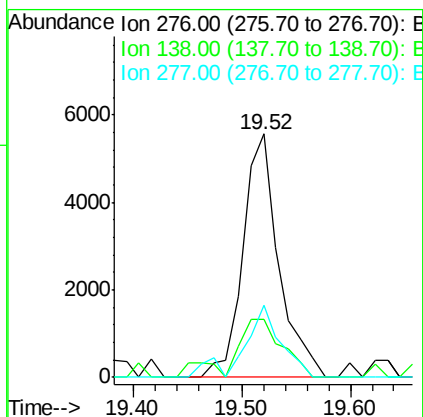
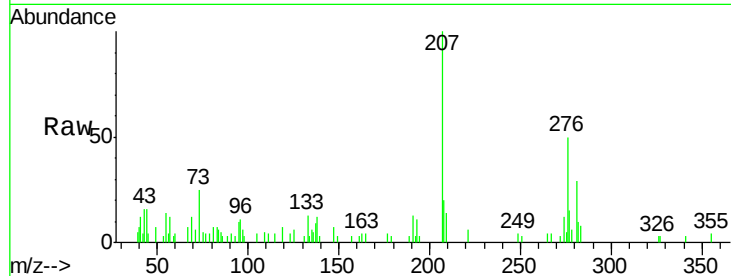




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 0.65 ng
 RT: 19.52 min Scan# 1604
 Delta R.T. -0.02 min
 Lab File: BF078864.D
 Acq: 30 Apr 2015 23:12

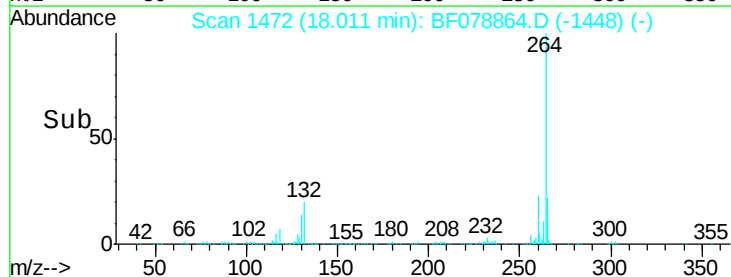
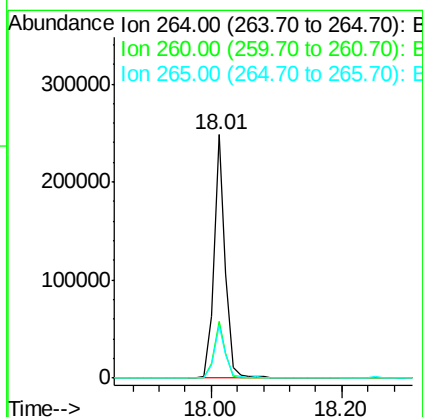
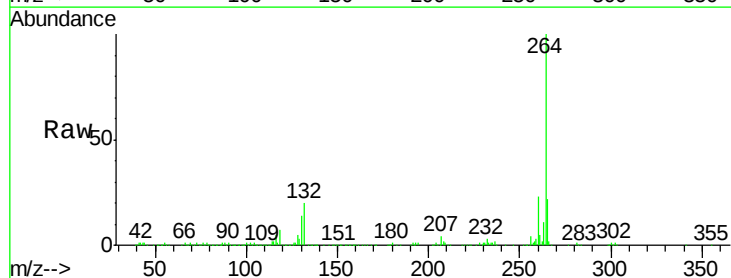
Instrument :
 BNA_F
 ClientSampleId :
 SB-59D

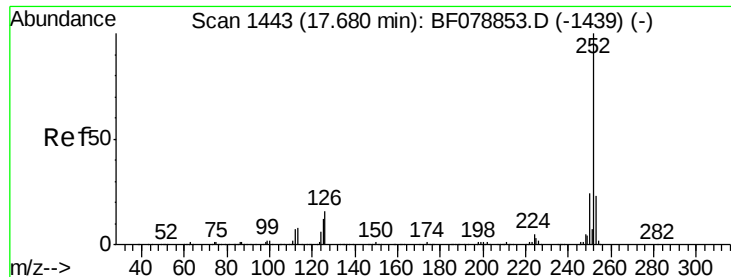
Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.7	0.0	0.0#
277	30.5	0.0	0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.01 min Scan# 1472
 Delta R.T. -0.02 min
 Lab File: BF078864.D
 Acq: 30 Apr 2015 23:12

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.2
265	21.7	18.3	27.5





#87

Benzo(b)fluoranthene

Concen: 2.00 ng

RT: 17.55 min Scan# 1432

Delta R.T. -0.02 min

Lab File: BF078864.D

Acq: 30 Apr 2015 23:12

Instrument :

BNA_F

ClientSampleId :

SB-59D

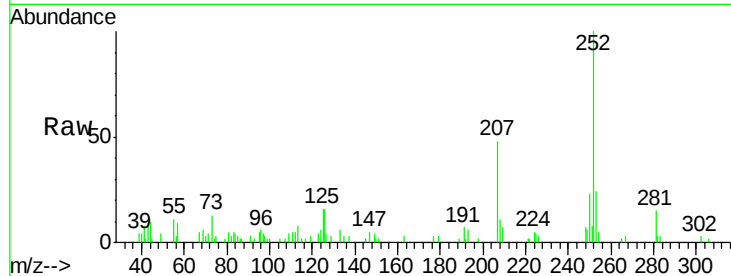
Tgt Ion:252 Resp: 33284

Ion Ratio Lower Upper

252 100

253 24.4 17.7 26.5

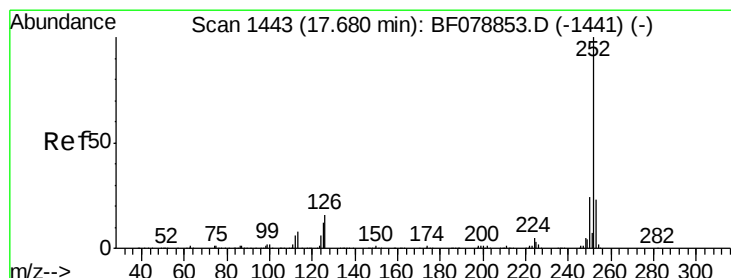
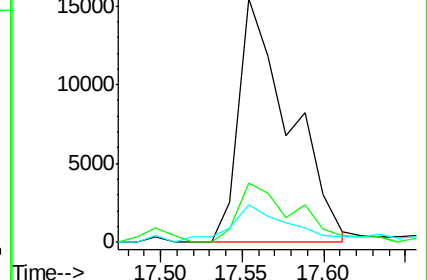
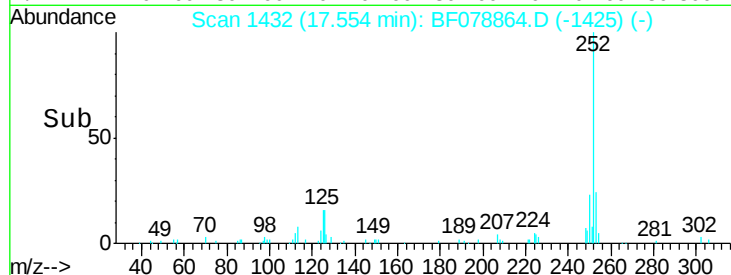
125 15.5 9.5 14.3#



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: 2.10 ng

RT: 17.55 min Scan# 1432

Delta R.T. -0.06 min

Lab File: BF078864.D

Acq: 30 Apr 2015 23:12

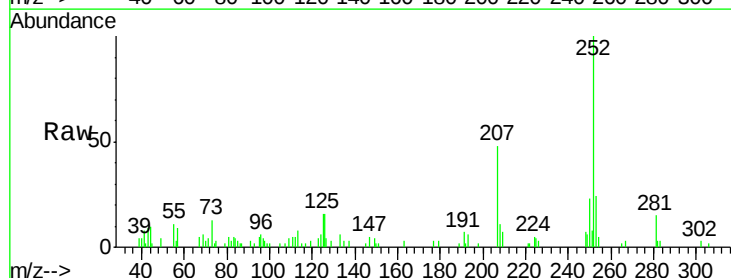
Tgt Ion:252 Resp: 33800

Ion Ratio Lower Upper

252 100

253 24.4 18.1 27.1

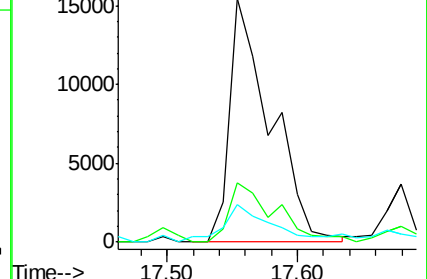
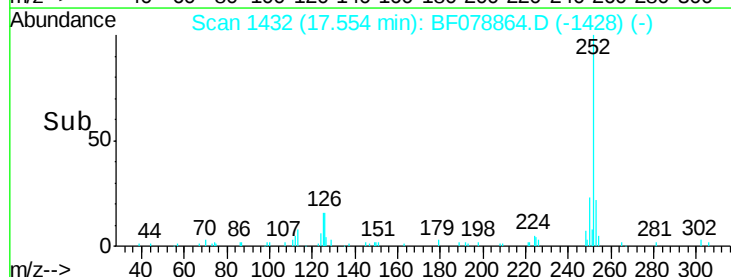
125 15.5 10.0 15.0#

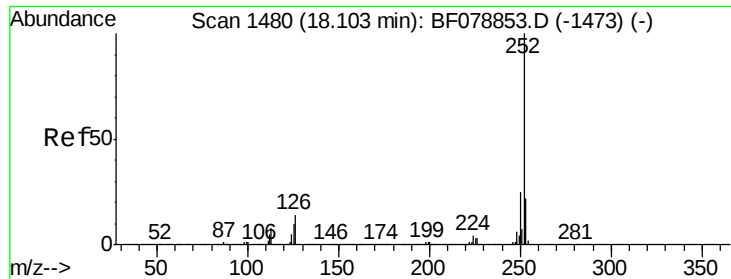


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 1.25 ng

RT: 17.94 min Scan# 1466

Delta R.T. -0.02 min

Lab File: BF078864.D

Acq: 30 Apr 2015 23:12

Instrument :

BNA_F

ClientSampleId :

SB-59D

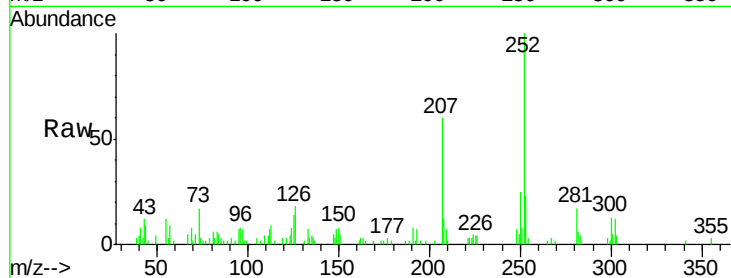
Tgt Ion:252 Resp: 19192

Ion Ratio Lower Upper

252 100

253 22.9 17.3 25.9

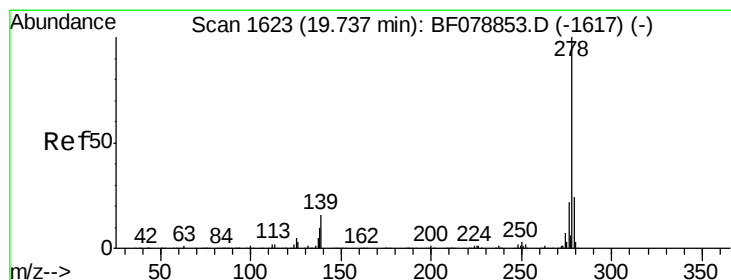
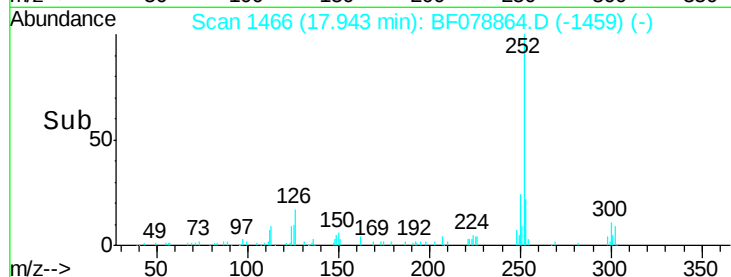
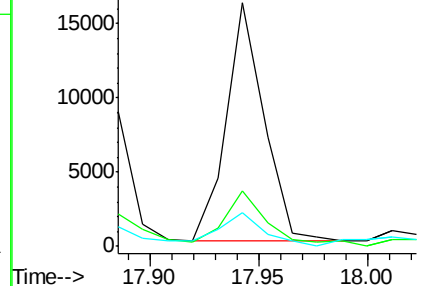
125 14.0 7.0 10.6#



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: 0.22 ng

RT: 19.54 min Scan# 1606

Delta R.T. -0.03 min

Lab File: BF078864.D

Acq: 30 Apr 2015 23:12

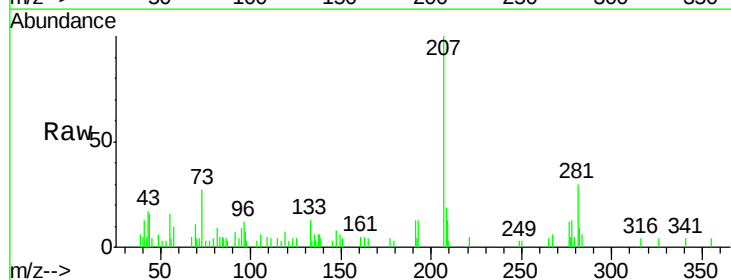
Tgt Ion:278 Resp: 3594

Ion Ratio Lower Upper

278 100

139 26.4 12.8 19.2#

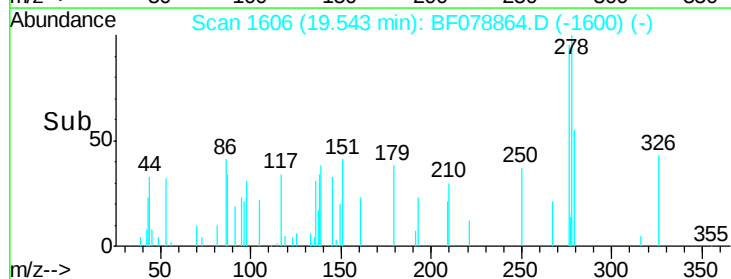
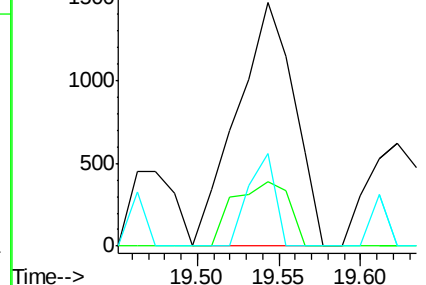
279 37.9 19.6 29.4#

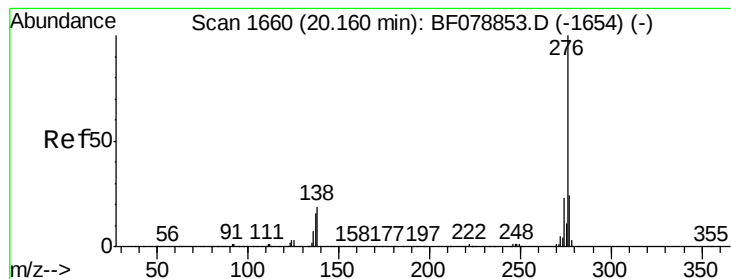


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.75 ng

RT: 19.97 min Scan# 1643

Delta R.T. -0.03 min

Lab File: BF078864.D

Acq: 30 Apr 2015 23:12

Instrument :

BNA_F

ClientSampleId :

SB-59D

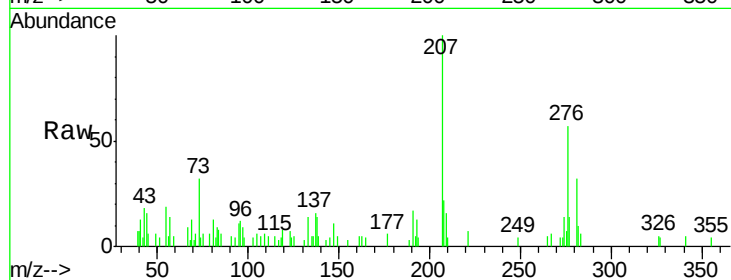
Tgt Ion: 276 Resp: 12219

Ion Ratio Lower Upper

276 100

277 24.0 18.6 28.0

138 24.1 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

