

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060517\
 Data File : BF095686.D
 Acq On : 5 Jun 2017 22:09
 Operator : SJ/MA
 Sample : I3444-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 06 01:18:33 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:15:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	106146	20.00	ng	0.00
21) Naphthalene-d8	9.43	136	449911	20.00	ng	0.00
38) Acenaphthene-d10	12.25	164	195103	20.00	ng	0.00
63) Phenanthrene-d10	14.64	188	315032	20.00	ng	0.00
75) Chrysene-d12	18.35	240	216383	20.00	ng	0.00
86) Perylene-d12	20.02	264	175789	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	393351	59.05	ng	0.00
7) Phenol-d6	6.95	99	475432	59.62	ng	0.00
23) Nitrobenzene-d5	8.31	82	283629	39.15	ng	-0.01
41) 2,4,6-Tribromophenol	13.54	330	92912	53.82	ng	0.00
44) 2-Fluorobiphenyl	11.21	172	551304	39.32	ng	0.00
78) Terphenyl-d14	17.02	244	330707	37.93	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	1.60	88	38343	12.10	ng	# 21
6) Aniline	7.05	93	309	0.03	ng	# 1
9) Benzaldehyde	6.95	77	391	0.07	ng	# 1
10) Phenol	6.98	94	6943	0.84	ng	# 64
11) bis(2-Chloroethyl)ether	7.05	93	309	0.05	ng	# 1
15) Benzyl Alcohol	7.63	79	4709	0.86	ng	# 34
18) Hexachloroethane	8.31	117	582	0.22	ng	# 1
19) n-Nitroso-di-n-propylamine	8.31	70	34733	6.87	ng	# 75
22) Acetophenone	8.07	105	1384	0.13	ng	# 46
24) Nitrobenzene	8.31	77	468	0.06	ng	# 39
25) Isophorone	8.72	82	217	0.02	ng	# 67
29) 2,4-Dichlorophenol	9.44	162	106	0.02	ng	# 26
31) Naphthalene	9.45	128	797	0.04	ng	# 19
33) 4-Chloroaniline	9.53	127	123	0.01	ng	# 44
35) Caprolactam	10.24	113	389	0.22	ng	# 35
37) 2-Methylnaphthalene	10.63	142	2435	0.16	ng	# 90
45) 1,1'-Biphenyl	11.38	154	2100	0.13	ng	# 94
47) 2-Nitroaniline	11.45	65	265	0.07	ng	# 7
48) Acenaphthylene	11.94	152	110	0.01	ng	# 60
49) Dimethylphthalate	11.90	163	72322	4.88	ng	# 98
50) 2,6-Dinitrotoluene	12.25	165	24664	7.63	ng	# 31
51) Acenaphthene	12.30	154	387	0.03	ng	# 63
54) Dibenzofuran	12.63	168	110	0.01	ng	# 1
55) 4-Nitrophenol	12.62	139	112	4.67	ng	# 11
57) Fluorene	13.14	166	109	0.01	ng	# 58
59) Diethylphthalate	13.05	149	8781	0.62	ng	# 92
60) 4-Chlorophenyl-phenylether	12.95	204	110	0.02	ng	# 21
62) Azobenzene	13.41	77	108	0.01	ng	# 50
65) n-Nitrosodiphenylamine	13.38	169	1038	0.09	ng	# 24
68) Atrazine	14.36	200	126	0.04	ng	# 36
70) Phenanthrene	14.69	178	2630	0.14	ng	# 59
71) Anthracene	14.74	178	108	0.01	ng	# 59
73) Di-n-butylphthalate	15.66	149	5757	0.29	ng	# 88
74) Fluoranthene	16.44	202	654	0.04	ng	# 1

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 ALS Vial : 11 Sample Multiplier: 1

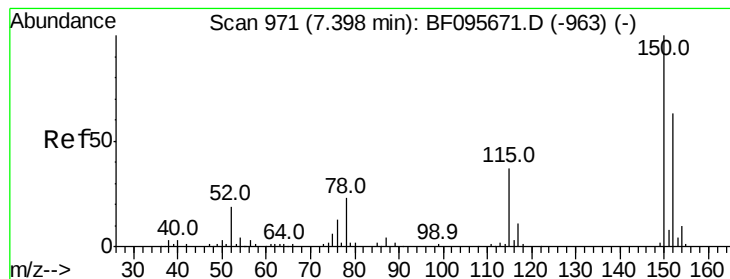
Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 06 01:18:33 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

76) Benzidine	16.53	184	1285	0.15	nq	# 1
77) Pyrene	16.81	202	3036	0.19	nq	# 71
79) Butylbenzylphthalate	17.71	149	317	0.04	nq	# 1
80) Benzo(a)anthracene	18.35	228	1585	0.13	nq	# 55
81) 3,3'-Dichlorobenzidine	18.08	252	109	0.02	nq	# 27
82) Chrysene	18.39	228	1961	0.16	nq	# 57
83) Bis(2-ethylhexyl)phthalate	18.43	149	3746	0.38	nq	# 85
84) Di-n-octyl phthalate	19.20	149	1530	0.09	nq	# 71
85) Indeno(1,2,3-cd)pyrene	21.19	276	257	0.02	nq	# 1
87) Benzo(b)fluoranthene	19.64	252	2580	0.23	nq	# 12
88) Benzo(k)fluoranthene	19.64	252	2580	0.25	nq	# 19
89) Benzo(a)pyrene	19.98	252	1115	0.11	nq	# 1
90) Dibenzo(a,h)anthracene	21.21	278	242	0.03	nq	# 1
91) Benzo(q,h,i)perylene	21.51	276	107	0.01	nq	# 47

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.40 min Scan# 996

Delta R.T. -0.00 min

Lab File: BF095686.D

Acq: 5 Jun 2017 22:09

Instrument :

BNA_F

ClientSampleId :

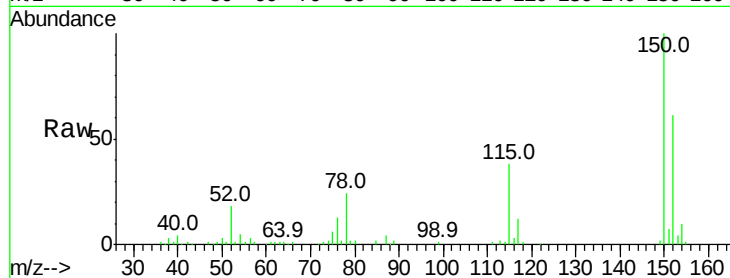
Tot Ion:152 Resp: 106146

Ion Ratio Lower Upper

152 100

150 164.9 126.2 189.2

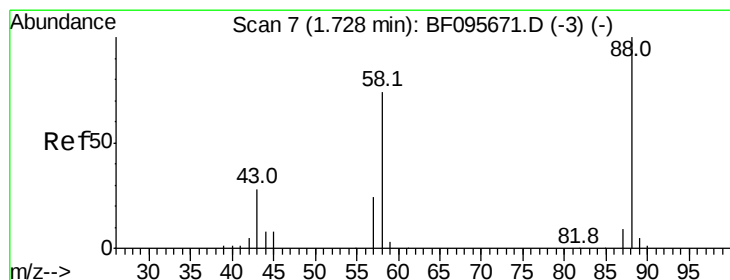
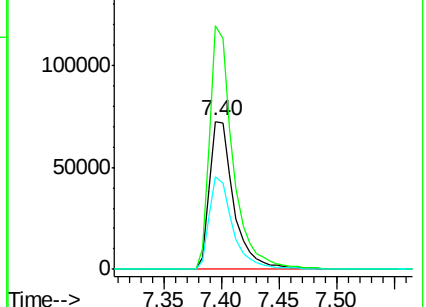
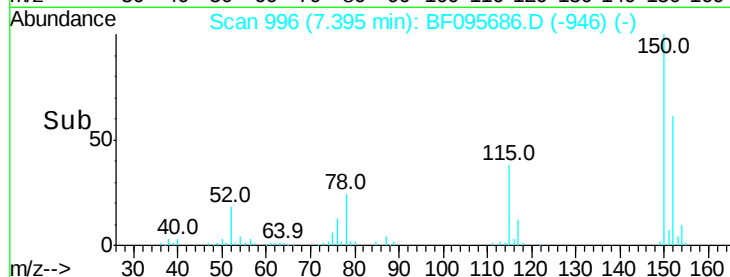
115 62.4 52.2 78.2



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: 12.10 ng

RT: 1.60 min Scan# 11

Delta R.T. -0.13 min

Lab File: BF095686.D

Acq: 5 Jun 2017 22:09

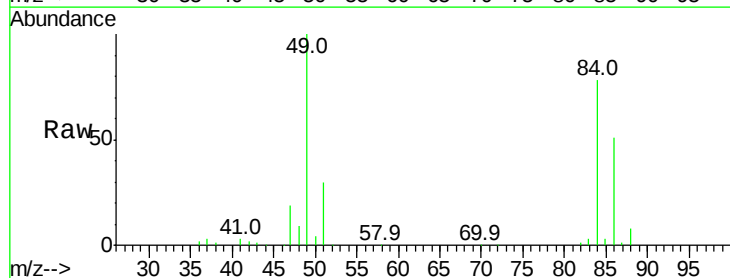
Tgt Ion: 88 Resp: 38343

Ion Ratio Lower Upper

88 100

58 0.0 61.4 92.0#

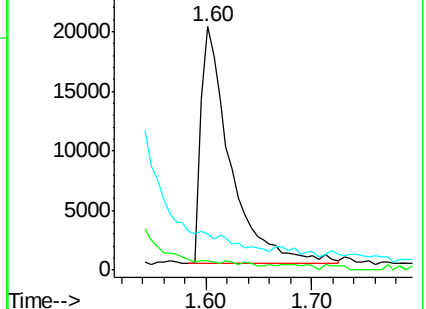
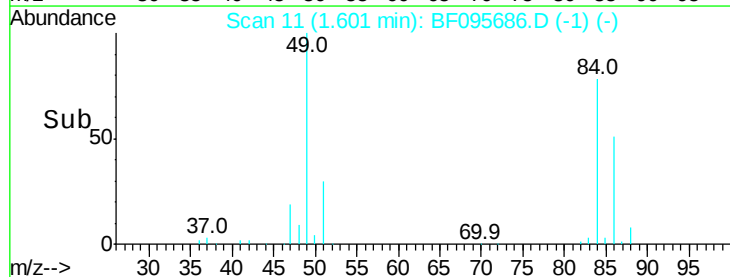
43 0.0 23.4 35.0#

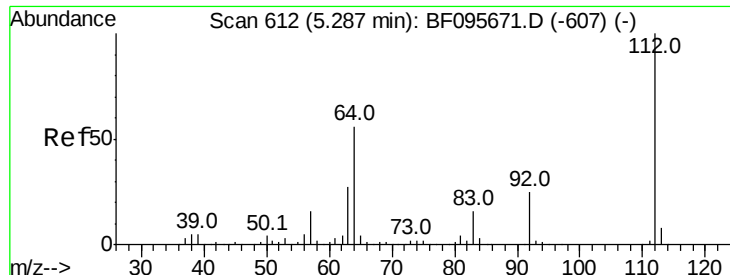


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 59.05 ng

RT: 5.29 min Scan# 638

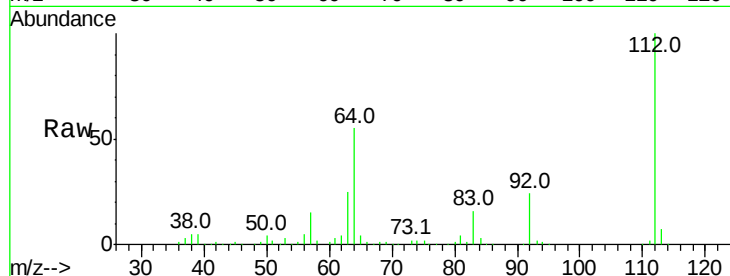
Delta R.T. 0.00 min

Lab File: BF095686.D

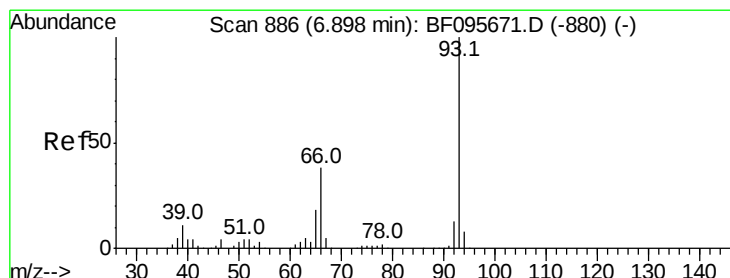
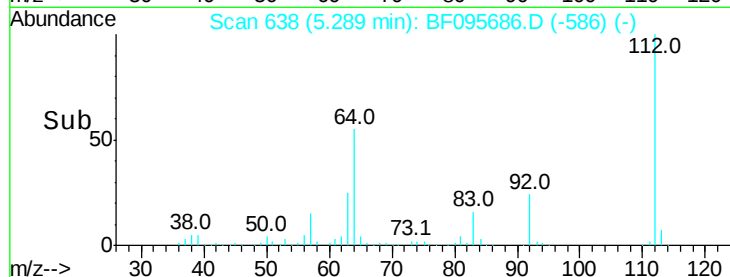
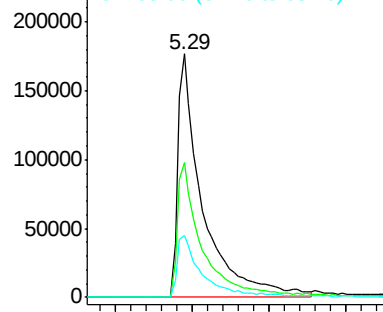
Acq: 5 Jun 2017 22:09

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	393351
Ion	Ratio	Lower	Upper
112	100		
64	55.4	46.0	69.0
63	25.3	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 0.03 ng

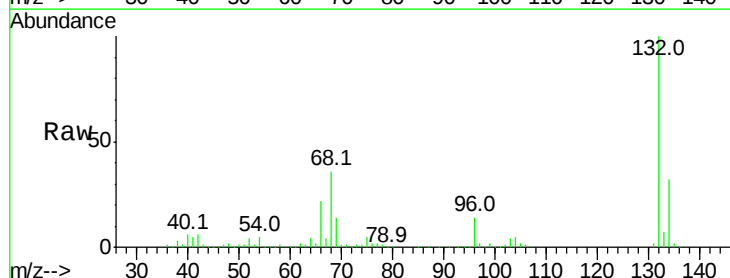
RT: 7.05 min Scan# 938

Delta R.T. 0.16 min

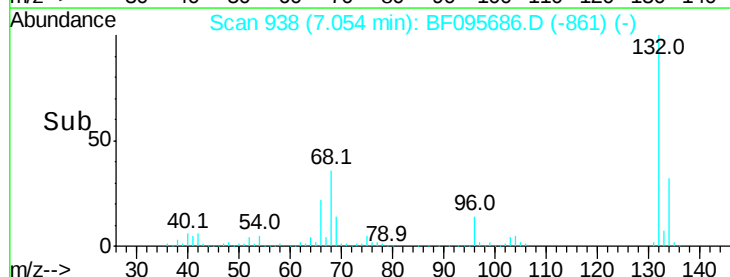
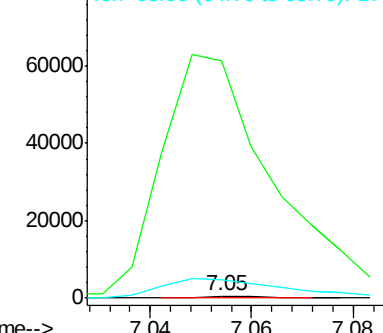
Lab File: BF095686.D

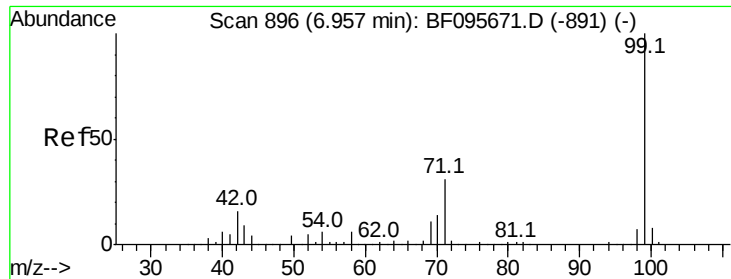
Acq: 5 Jun 2017 22:09

Tgt Ion:	93	Resp:	309
Ion	Ratio	Lower	Upper
93	100		
66	13260.6	32.9	49.3#
65	1015.6	16.0	24.0#



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 59.62 ng

RT: 6.95 min Scan# 920

Delta R.T. -0.01 min

Lab File: BF095686.D

Acq: 5 Jun 2017 22:09

Instrument :

BNA_F

ClientSampleId :

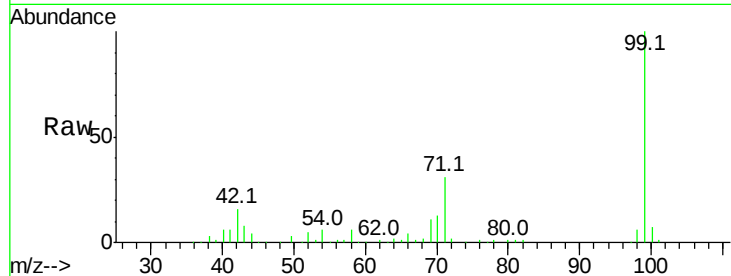
Tot Ion: 99 Resp: 475432

Ion Ratio Lower Upper

99 100

42 16.0 13.5 20.3

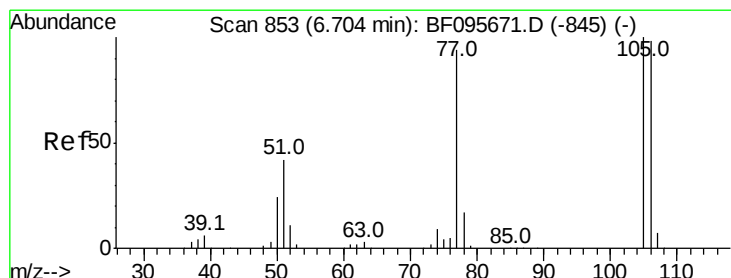
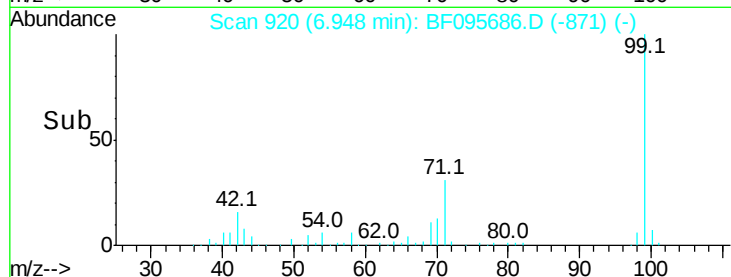
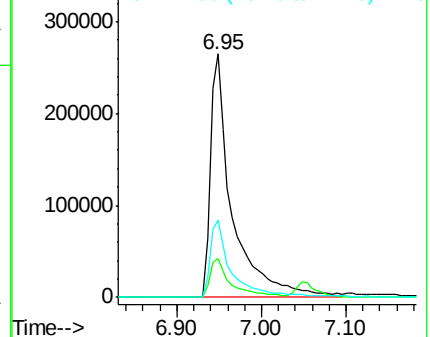
71 31.5 24.5 36.7



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



#9

Benzaldehyde

Concen: 0.07 ng

RT: 6.95 min Scan# 920

Delta R.T. 0.24 min

Lab File: BF095686.D

Acq: 5 Jun 2017 22:09

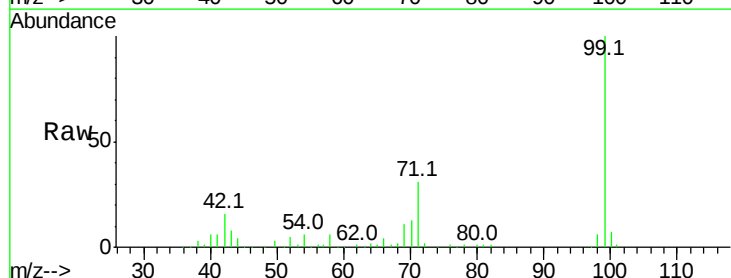
Tgt Ion: 77 Resp: 391

Ion Ratio Lower Upper

77 100

105 0.0 83.8 123.8#

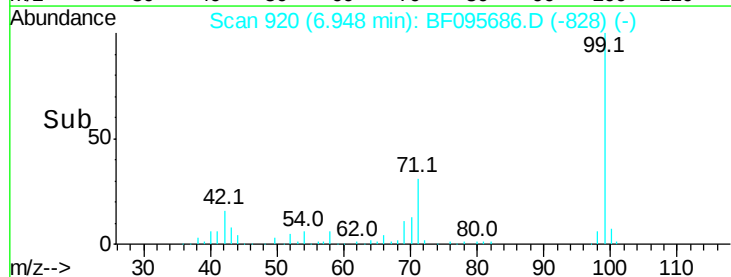
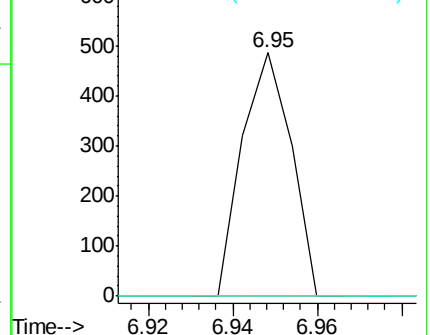
106 0.0 79.1 119.1#

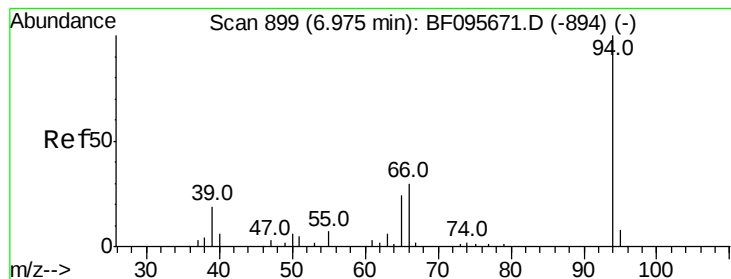


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.84 ng

RT: 6.98 min Scan# 926

Delta R.T. 0.01 min

Lab File: BF095686.D

Acq: 5 Jun 2017 22:09

Instrument :

BNA_F

ClientSampleId :

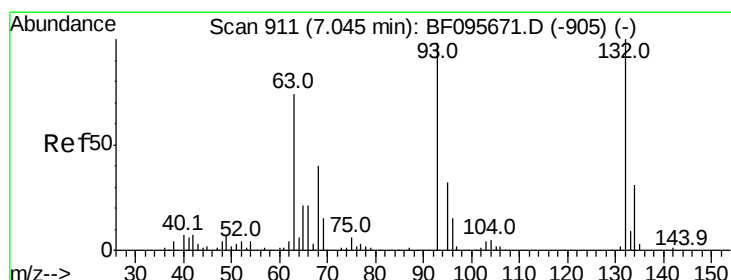
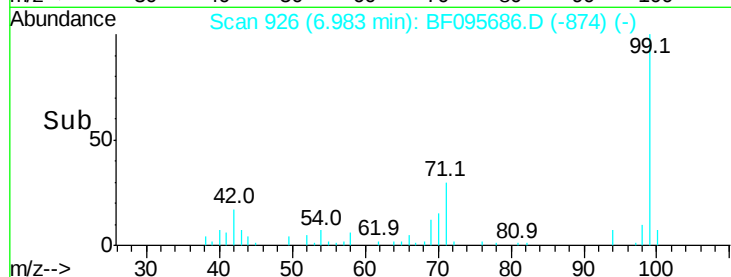
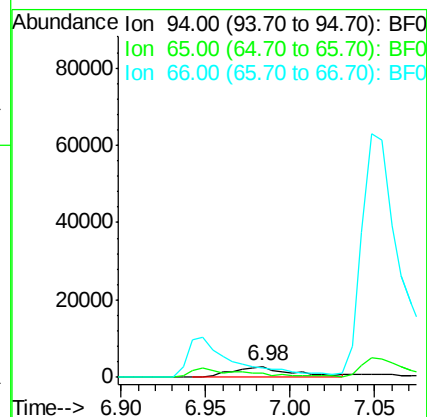
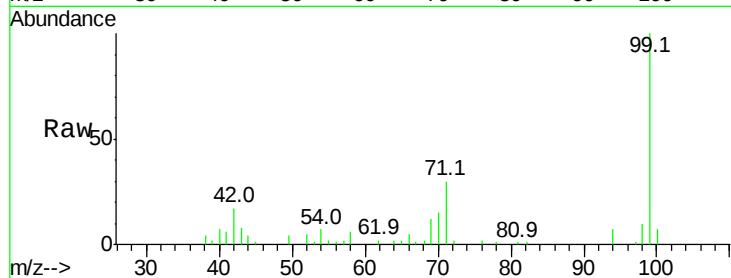
Tot Ion: 94 Resp: 6943

Ion Ratio Lower Upper

94 100

65 32.8 9.9 49.9

66 80.1 23.1 63.1#



#11

bis(2-Chloroethyl)ether

Concen: 0.05 ng

RT: 7.05 min Scan# 938

Delta R.T. 0.01 min

Lab File: BF095686.D

Acq: 5 Jun 2017 22:09

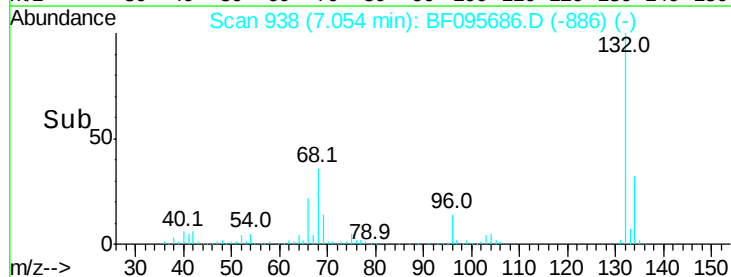
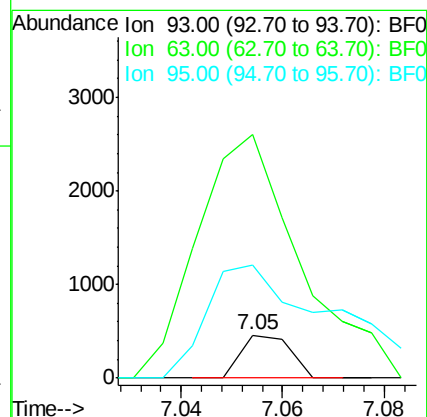
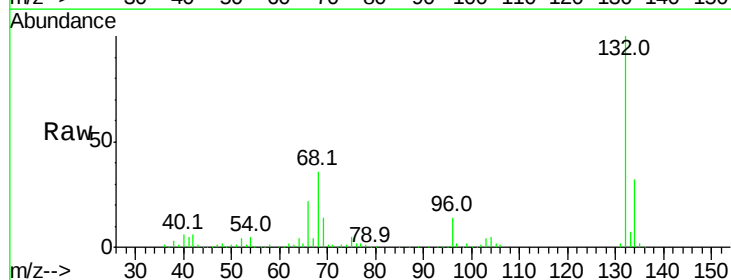
Tgt Ion: 93 Resp: 309

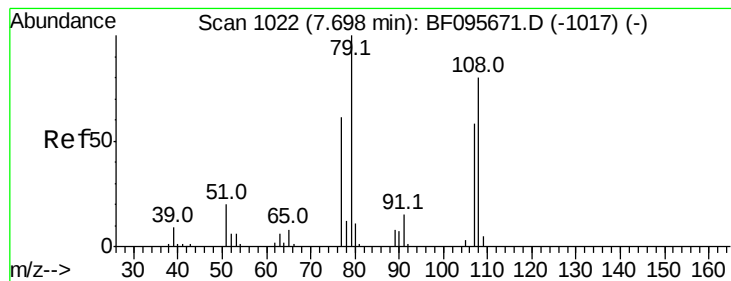
Ion Ratio Lower Upper

93 100

63 563.4 59.2 99.2#

95 260.4 12.8 52.8#





#15

Benzyl Alcohol

Concen: 0.86 ng

RT: 7.63 min Scan# 1036

Delta R.T. -0.07 min

Lab File: BF095686.D

Acq: 5 Jun 2017 22:09

Instrument :

BNA_F

ClientSampleId :

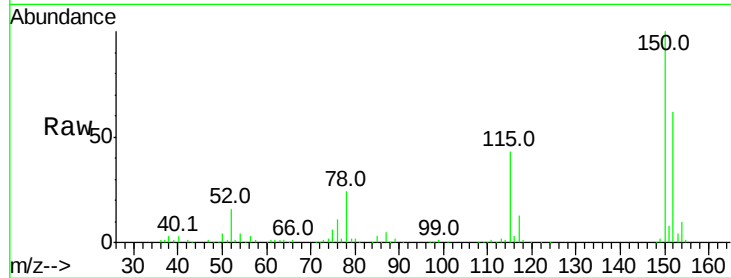
Tot Ion: 79 Resp: 4709

Ion Ratio Lower Upper

79 100

108 27.9 63.4 95.0#

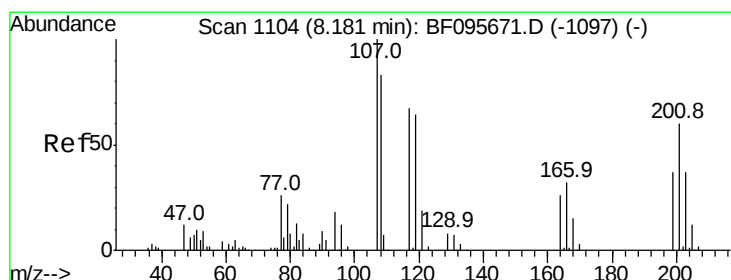
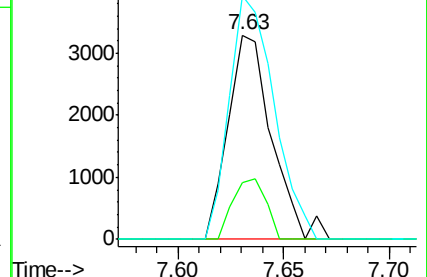
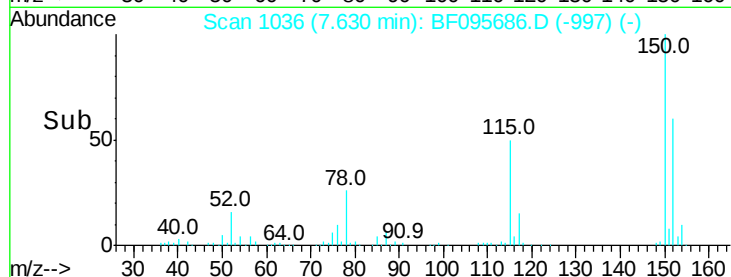
77 119.3 49.2 73.8#



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



#18

Hexachloroethane

Concen: 0.22 ng

RT: 8.31 min Scan# 1151

Delta R.T. 0.13 min

Lab File: BF095686.D

Acq: 5 Jun 2017 22:09

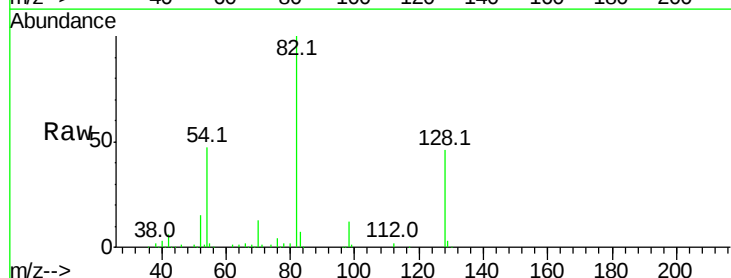
Tgt Ion: 117 Resp: 582

Ion Ratio Lower Upper

117 100

119 0.0 77.4 116.0#

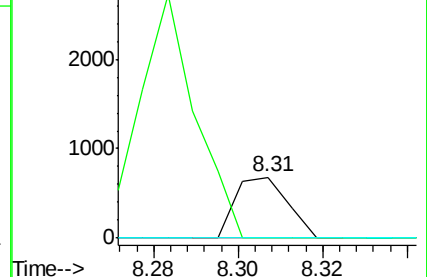
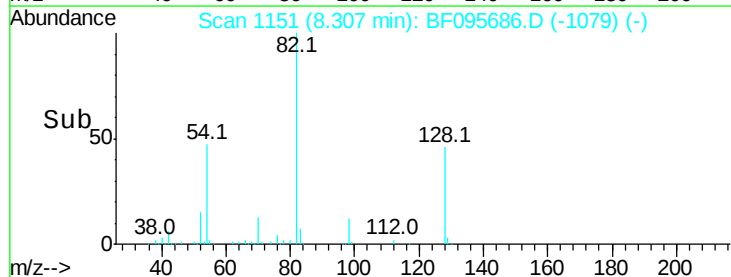
201 0.0 94.6 141.8#

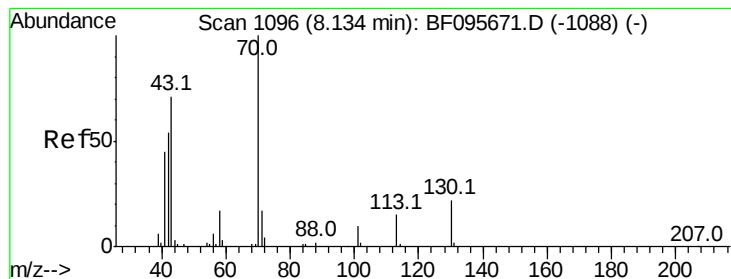


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 6.87 ng

RT: 8.31 min Scan# 1151

Delta R.T. 0.17 min

Lab File: BF095686.D

Acq: 5 Jun 2017 22:09

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 34733

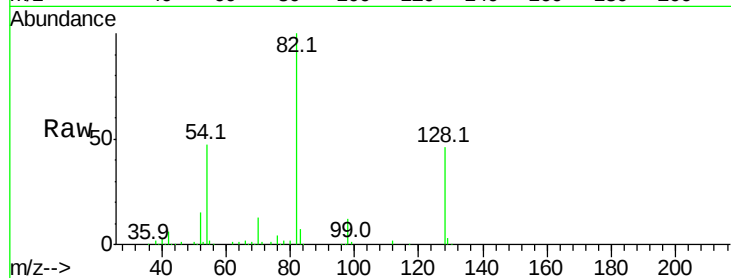
Ion Ratio Lower Upper

70 100

42 44.1 47.2 70.8#

101 0.0 7.2 10.8#

130 2.5 15.9 23.9#

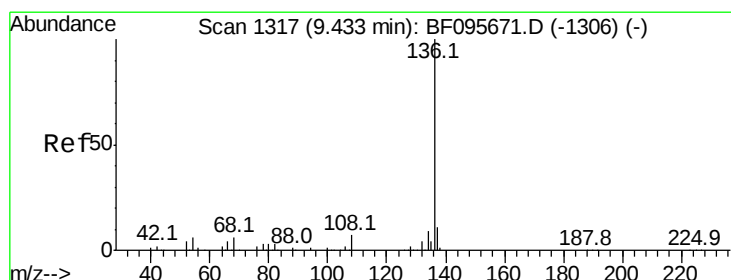
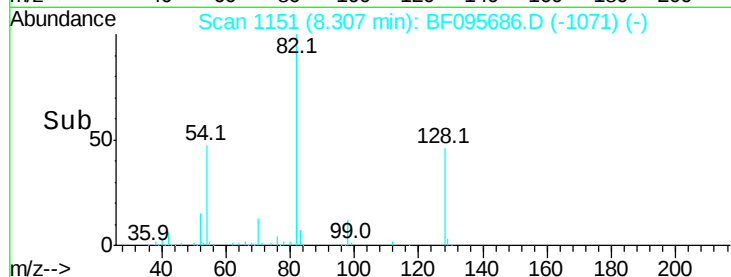
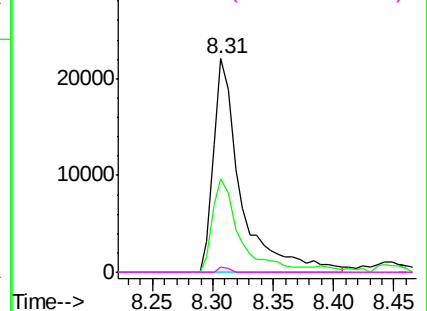


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.43 min Scan# 1342

Delta R.T. -0.00 min

Lab File: BF095686.D

Acq: 5 Jun 2017 22:09

Tgt Ion:136 Resp: 449911

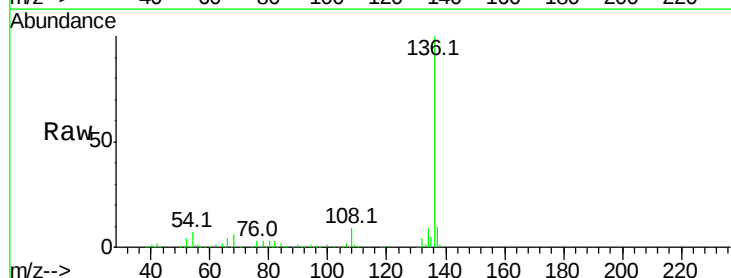
Ion Ratio Lower Upper

136 100

137 10.4 8.5 12.7

54 6.8 4.9 7.3

68 5.8 4.1 6.1

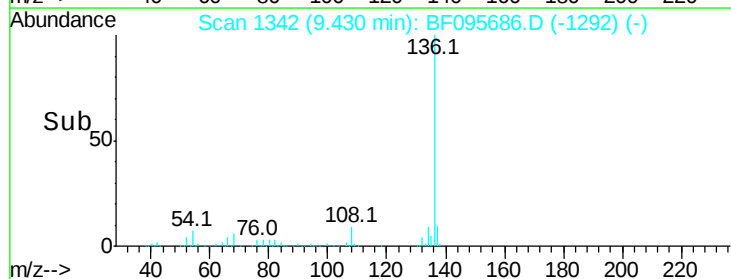
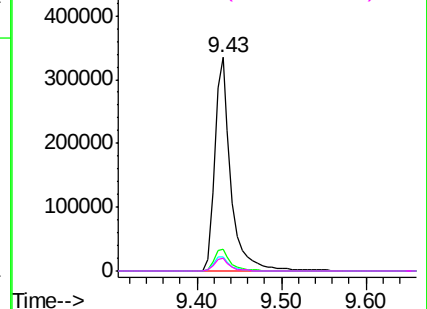


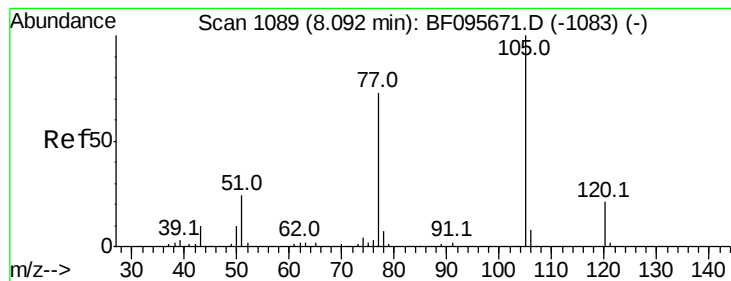
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#22

Acetophenone

Concen: 0.13 ng

RT: 8.07 min Scan# 1110

Delta R.T. -0.03 min

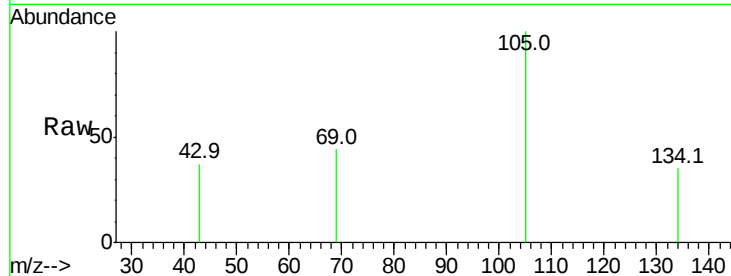
Lab File: BF095686.D

Acq: 5 Jun 2017 22:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 105 Resp: 1384

Ion	Ratio	Lower	Upper
105	100		
71	0.0	2.8	4.2#
51	0.0	30.7	46.1#
120	0.0	17.4	26.0#

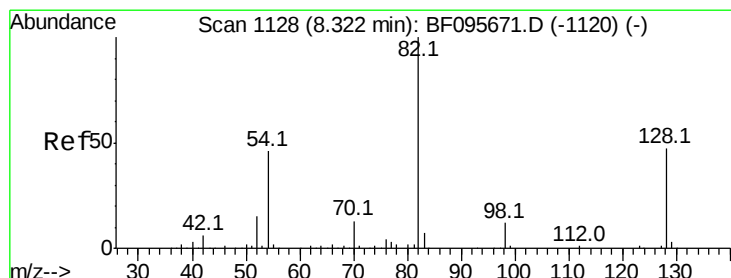
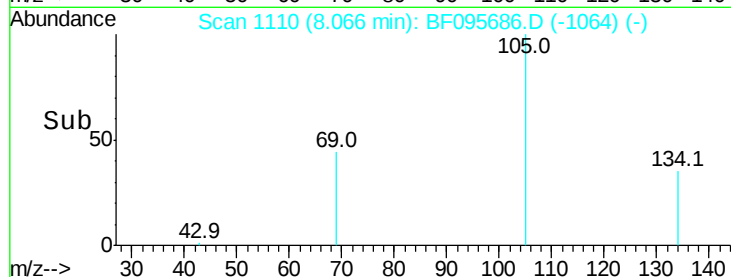
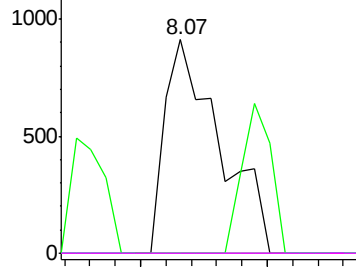


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 39.15 ng

RT: 8.31 min Scan# 1151

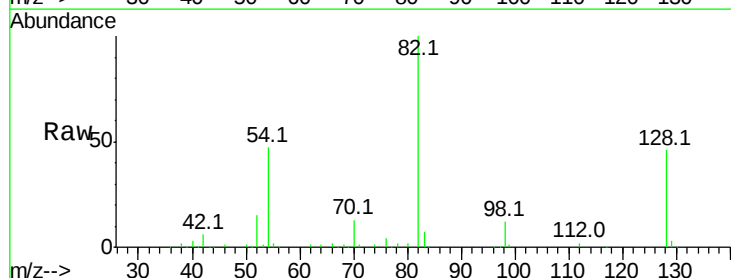
Delta R.T. -0.01 min

Lab File: BF095686.D

Acq: 5 Jun 2017 22:09

Tgt Ion: 82 Resp: 283629

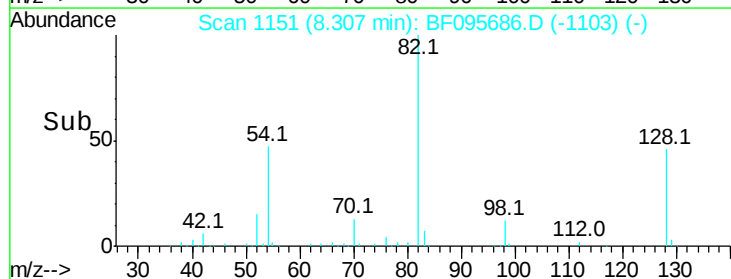
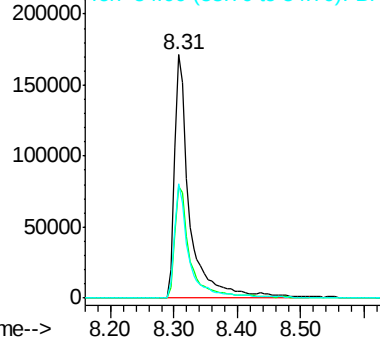
Ion	Ratio	Lower	Upper
82	100		
128	45.9	34.0	51.0
54	47.0	42.2	63.2

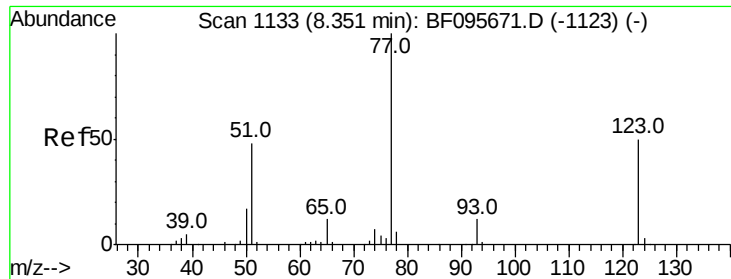


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

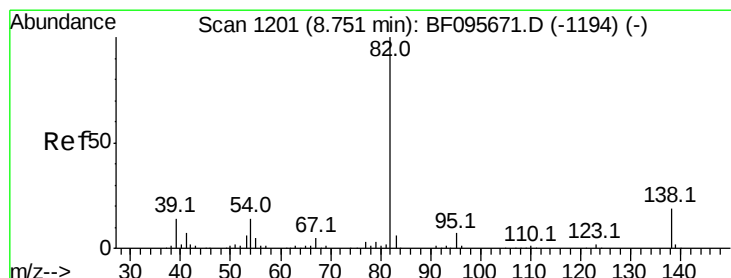
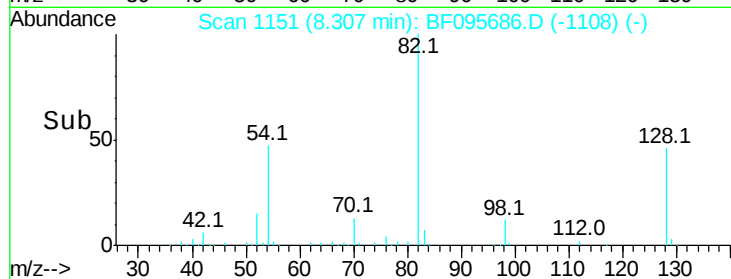
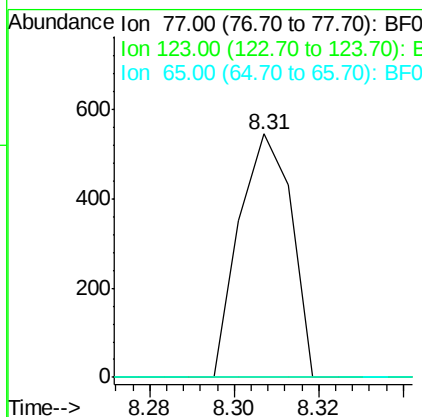
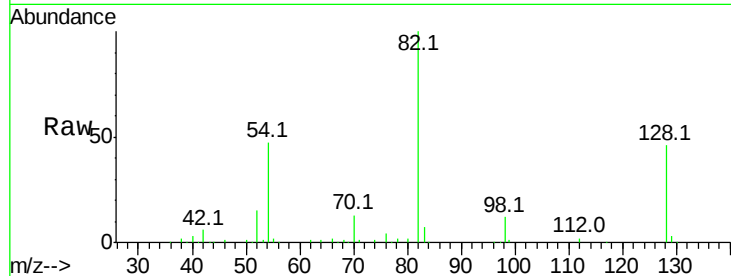




#24
 Nitrobenzene
 Concen: 0.06 ng
 RT: 8.31 min Scan# 1151
 Delta R.T. -0.04 min
 Lab File: BF095686.D
 Acq: 5 Jun 2017 22:09

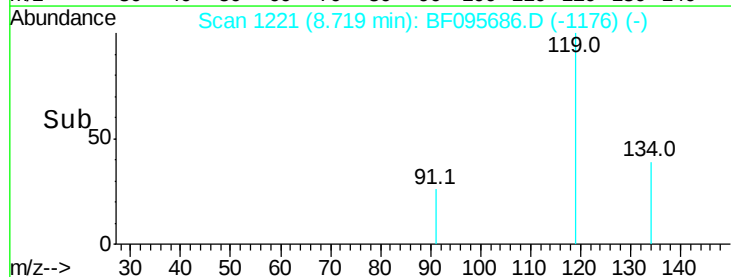
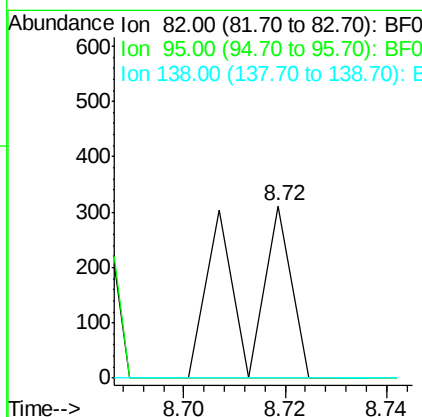
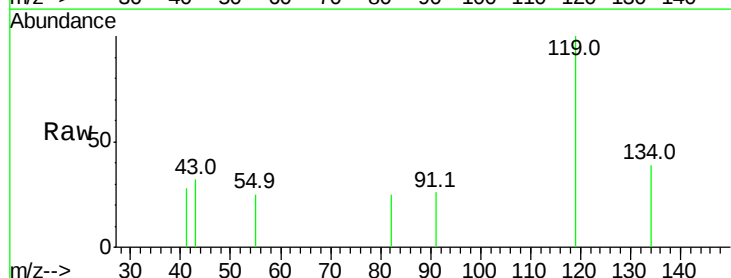
Instrument :
 BNA_F
 ClientSampled :

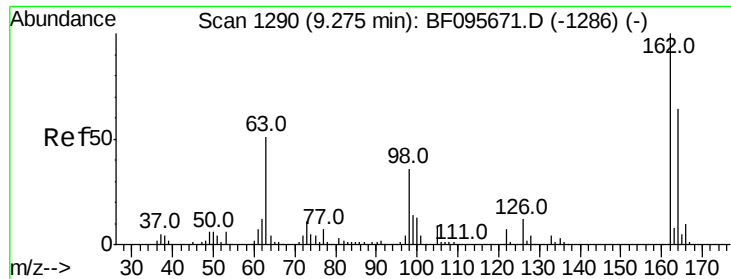
Tot Ion: 77 Resp: 468
 Ion Ratio Lower Upper
 77 100
 123 0.0 35.8 53.8#
 65 0.0 10.6 15.8#



#25
 Isophorone
 Concen: 0.02 ng
 RT: 8.72 min Scan# 1221
 Delta R.T. -0.03 min
 Lab File: BF095686.D
 Acq: 5 Jun 2017 22:09

Tgt Ion: 82 Resp: 217
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.3 7.9#
 138 0.0 13.1 19.7#

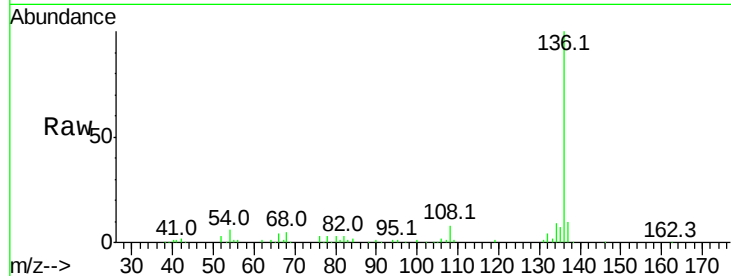




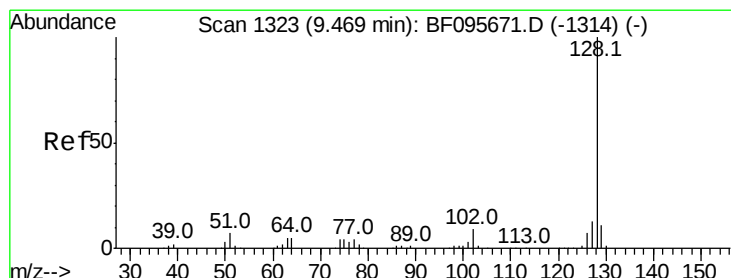
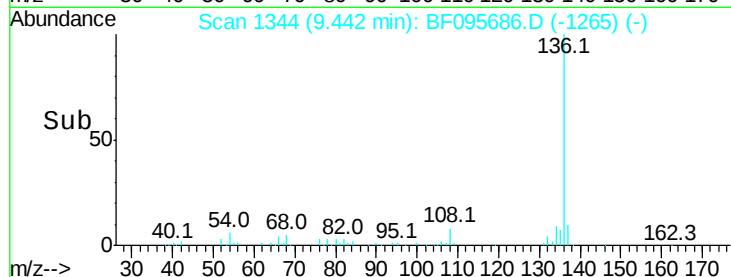
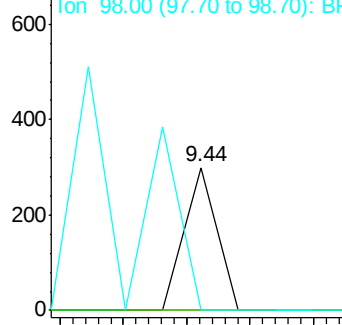
#29
2,4-Dichlorophenol
Concen: 0.02 ng
RT: 9.44 min Scan# 1344
Delta R.T. 0.17 min
Lab File: BF095686.D
Acq: 5 Jun 2017 22:09

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 106
Ion Ratio Lower Upper
162 100
164 0.0 44.6 84.6#
98 0.0 14.8 54.8#

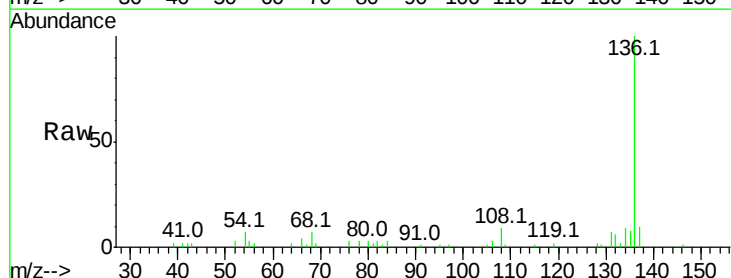


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

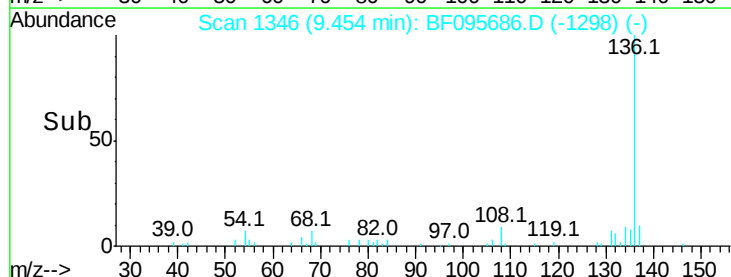
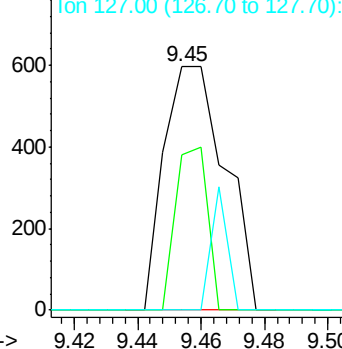


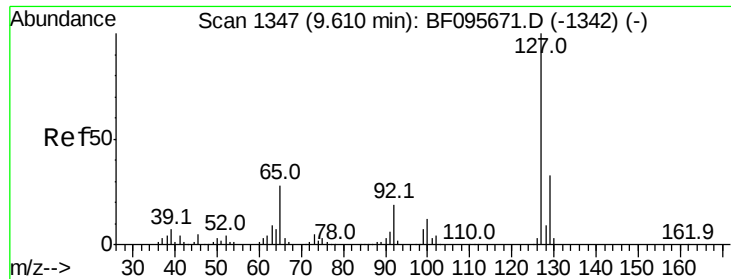
#31
Naphthalene
Concen: 0.04 ng
RT: 9.45 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF095686.D
Acq: 5 Jun 2017 22:09

Tgt Ion:128 Resp: 797
Ion Ratio Lower Upper
128 100
129 63.8 9.0 13.6#
127 0.0 10.8 16.2#



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

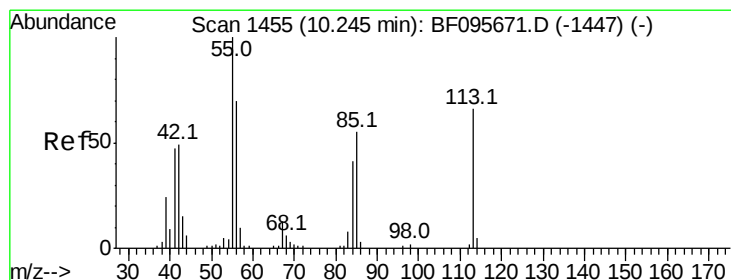
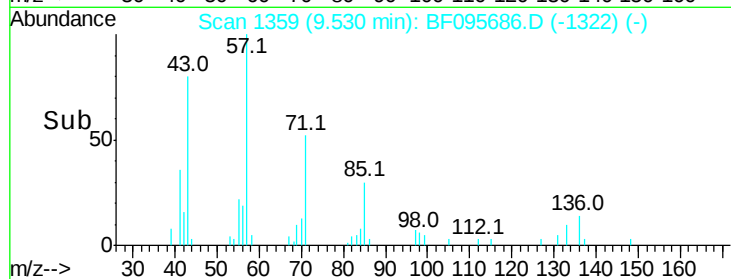
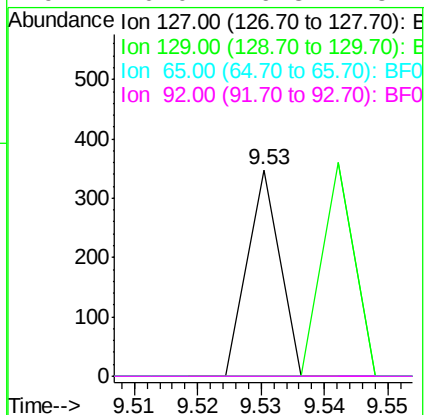
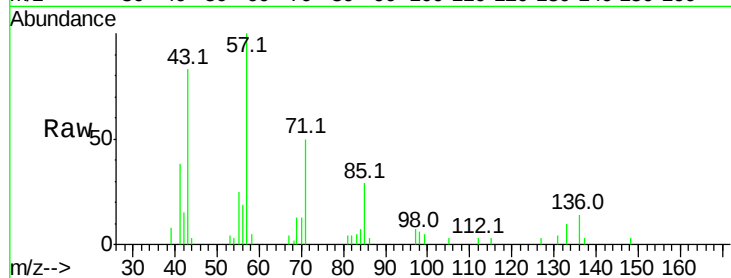




#33
4-Chloroaniline
Concen: 0.01 ng
RT: 9.53 min Scan# 1359
Delta R.T. -0.08 min
Lab File: BF095686.D
Acq: 5 Jun 2017 22:09

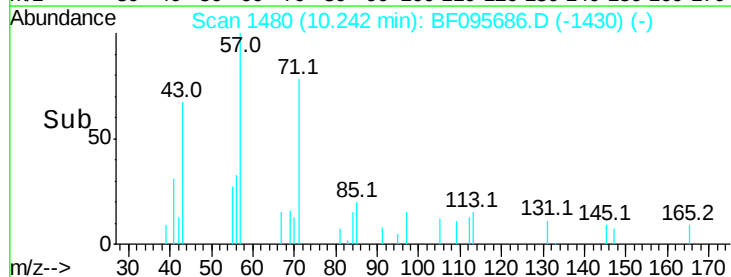
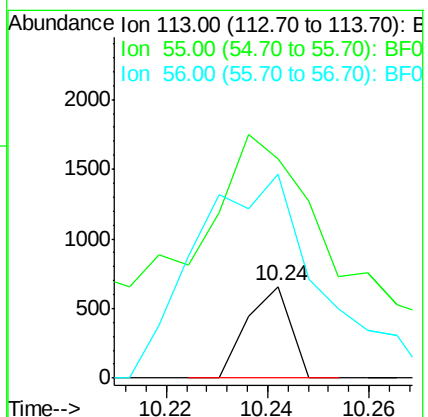
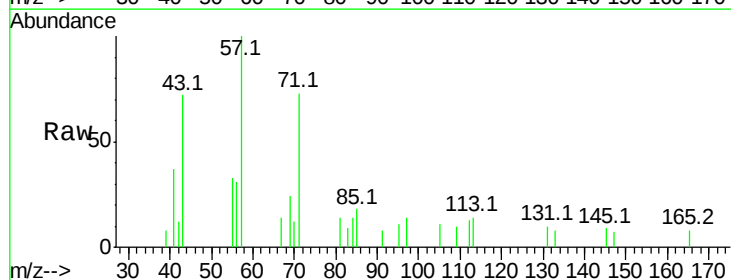
Instrument :
BNA_F
ClientSampleId :

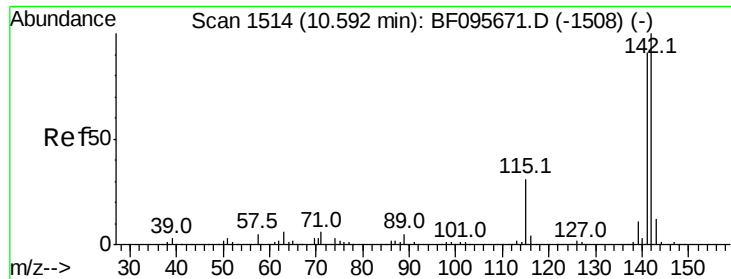
Tot Ion:	127	Resp:	123
Ion	Ratio	Lower	Upper
127	100		
129	0.0	26.2	39.2#
65	0.0	27.8	41.8#
92	0.0	16.8	25.2#



#35
Caprolactam
Concen: 0.22 ng
RT: 10.24 min Scan# 1480
Delta R.T. -0.00 min
Lab File: BF095686.D
Acq: 5 Jun 2017 22:09

Tgt Ion:	113	Resp:	389
Ion	Ratio	Lower	Upper
113	100		
55	240.0	150.2	190.2#
56	223.1	107.8	147.8#

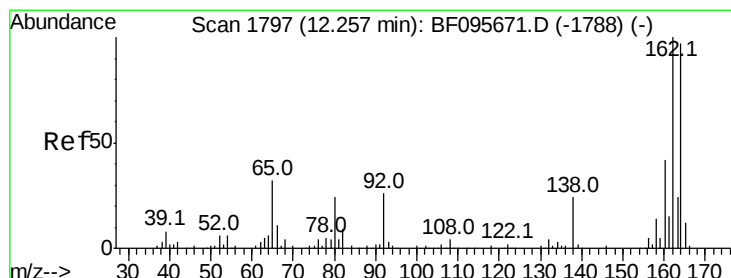
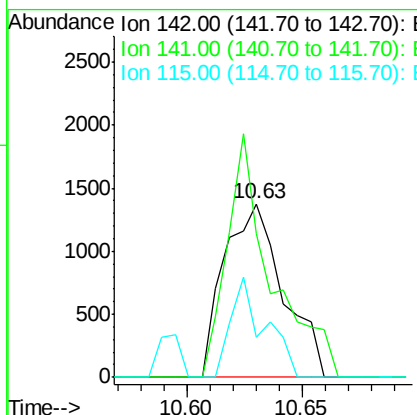
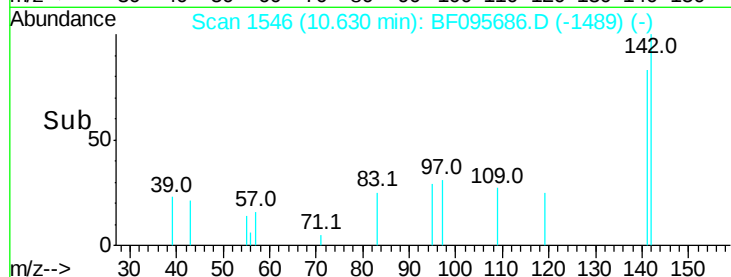
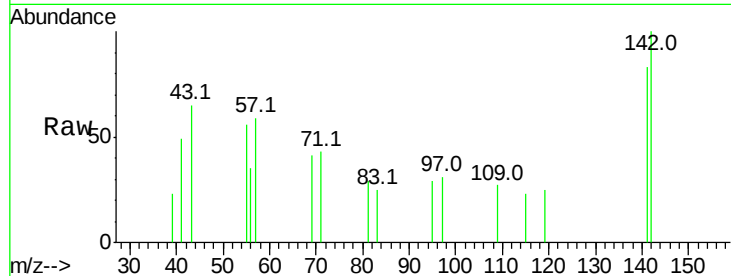




#37
 2-Methylnaphthalene
 Concen: 0.16 ng
 RT: 10.63 min Scan# 1546
 Delta R.T. 0.04 min
 Lab File: BF095686.D
 Acq: 5 Jun 2017 22:09

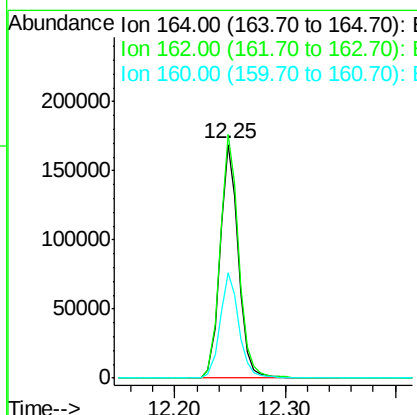
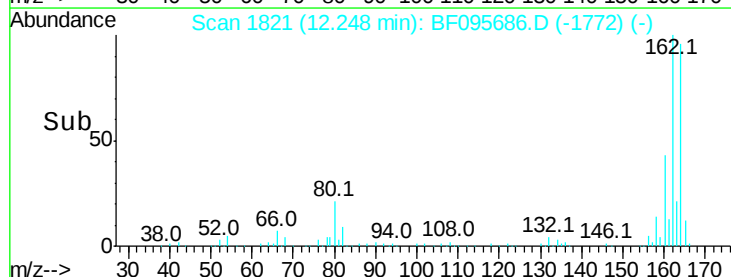
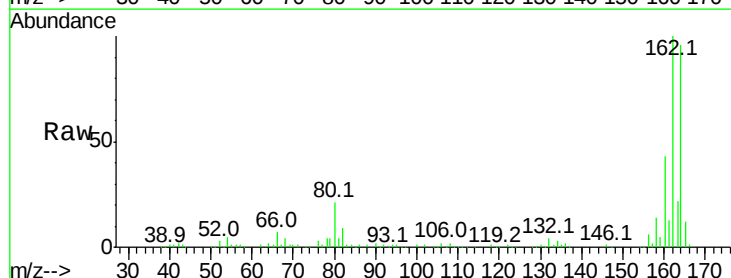
Instrument :
 BNA_F
 ClientSampled :

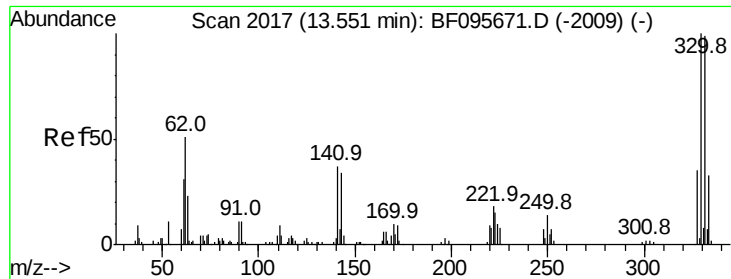
Tot Ion:142 Resp: 2435
 Ion Ratio Lower Upper
 142 100
 141 82.6 71.3 106.9
 115 22.9 27.1 40.7#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.25 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: BF095686.D
 Acq: 5 Jun 2017 22:09

Tgt Ion:164 Resp: 195103
 Ion Ratio Lower Upper
 164 100
 162 104.1 82.6 123.8
 160 45.1 36.2 54.2

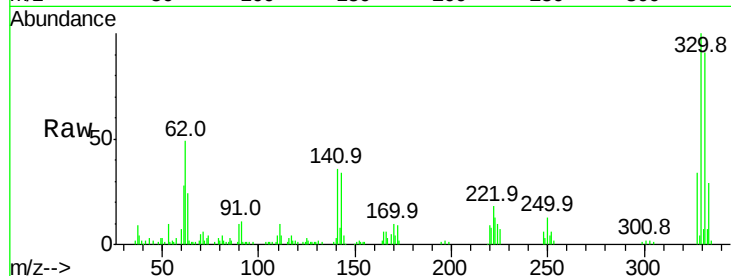




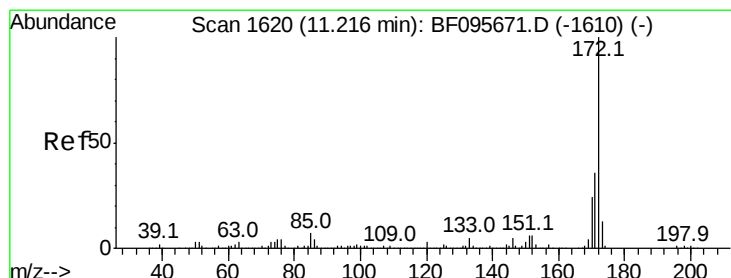
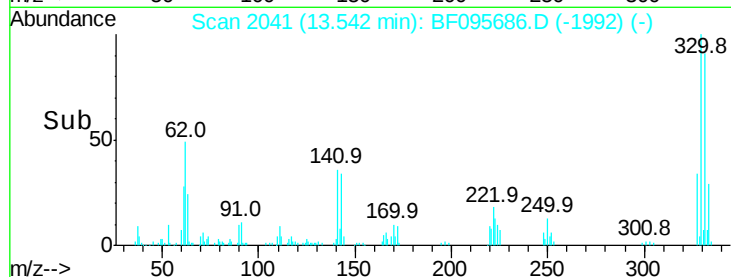
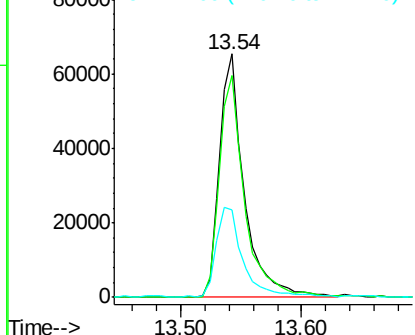
#41
 2,4,6-Tribromophenol
 Concen: 53.82 ng
 RT: 13.54 min Scan# 2041
 Delta R.T. -0.01 min
 Lab File: BF095686.D
 Acq: 5 Jun 2017 22:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 92912
 Ion Ratio Lower Upper
 330 100
 332 93.1 76.6 115.0
 141 40.1 31.4 47.2

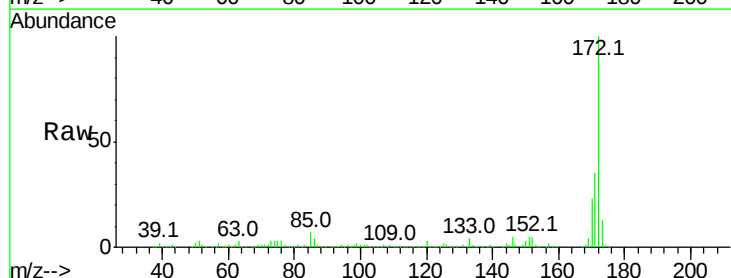


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

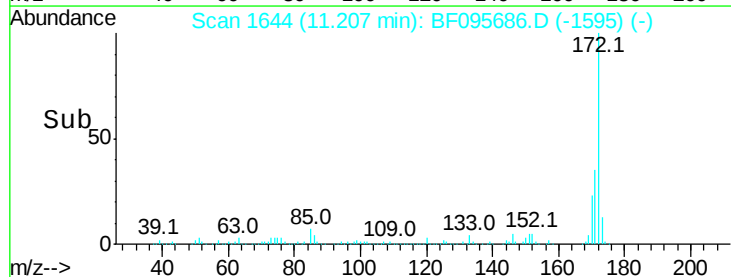
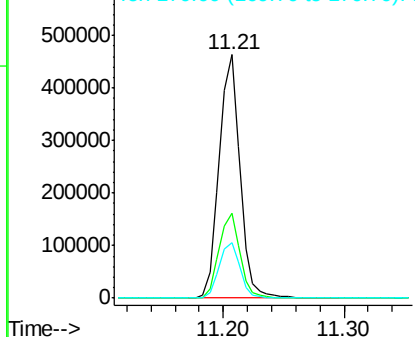


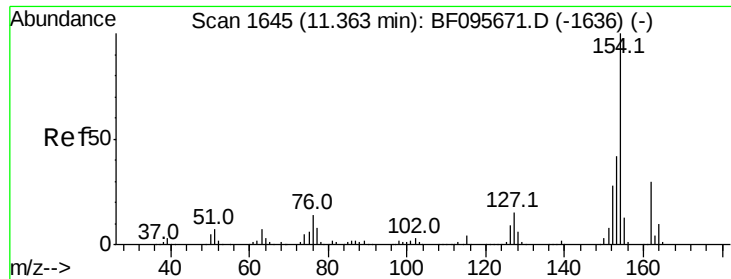
#44
 2-Fluorobiphenyl
 Concen: 39.32 ng
 RT: 11.21 min Scan# 1644
 Delta R.T. -0.01 min
 Lab File: BF095686.D
 Acq: 5 Jun 2017 22:09

Tgt Ion:172 Resp: 551304
 Ion Ratio Lower Upper
 172 100
 171 34.7 29.6 44.4
 170 22.6 19.8 29.8



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: 0.13 ng

RT: 11.38 min Scan# 1674

Delta R.T. 0.02 min

Lab File: BF095686.D

Acq: 5 Jun 2017 22:09

Instrument :

BNA_F

ClientSampleId :

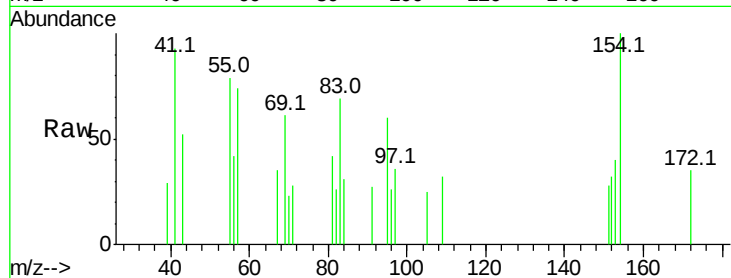
Tot Ion:154 Resp: 2100

Ion Ratio Lower Upper

154 100

153 40.3 21.2 61.2

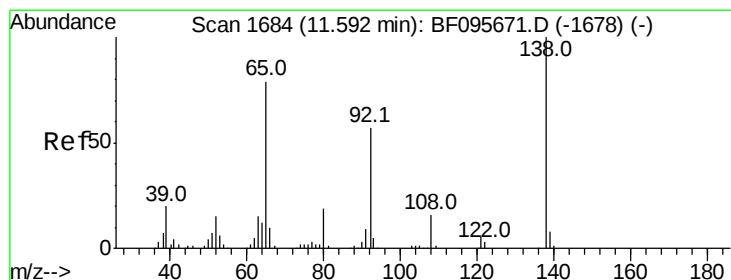
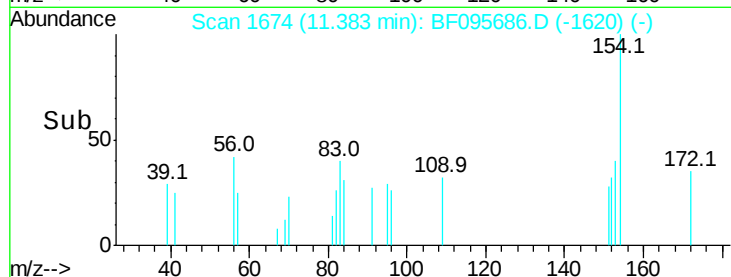
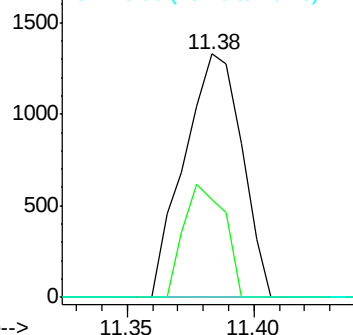
76 0.0 0.0 29.9



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



#47

2-Nitroaniline

Concen: 0.07 ng

RT: 11.45 min Scan# 1685

Delta R.T. -0.14 min

Lab File: BF095686.D

Acq: 5 Jun 2017 22:09

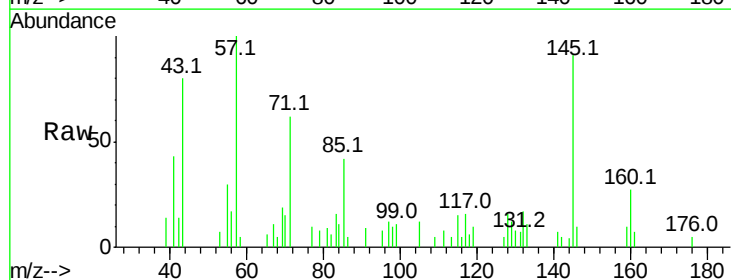
Tgt Ion: 65 Resp: 265

Ion Ratio Lower Upper

65 100

92 0.0 53.9 80.9#

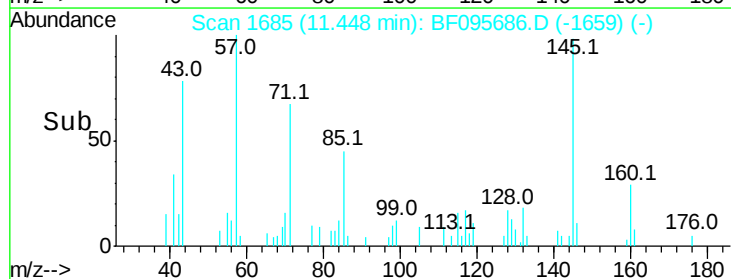
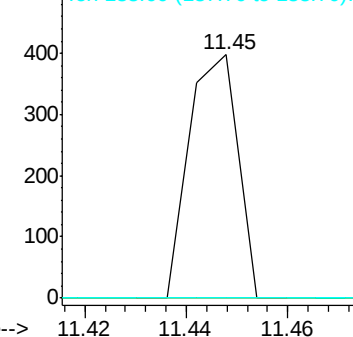
138 0.0 78.8 118.2#

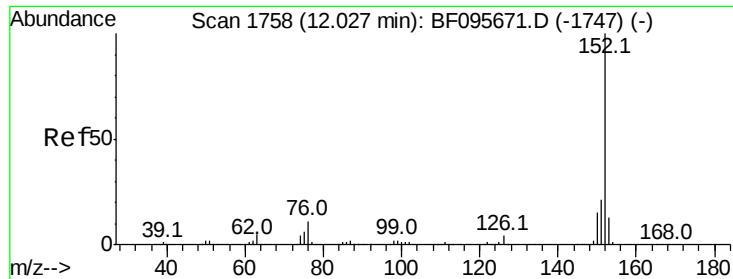


Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 0.01 ng

RT: 11.94 min Scan# 1768

Delta R.T. -0.09 min

Lab File: BF095686.D

Acq: 5 Jun 2017 22:09

Instrument :

BNA_F

ClientSampleId :

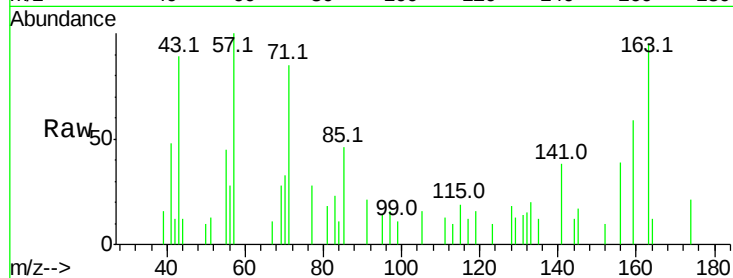
Tot Ion:152 Resp: 110

Ion Ratio Lower Upper

152 100

151 0.0 16.8 25.2#

153 0.0 10.8 16.2#



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

11.94

300

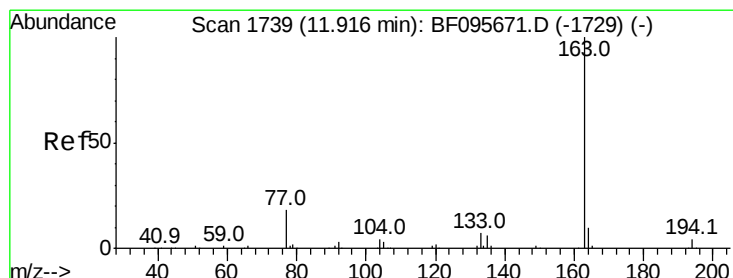
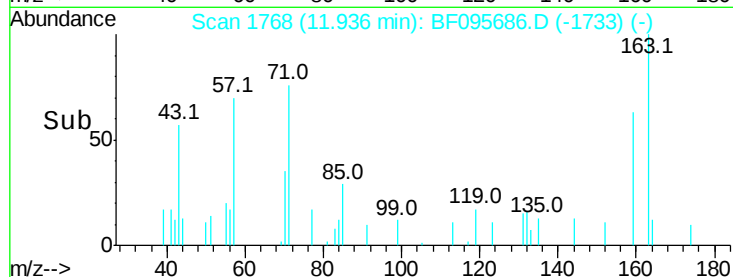
200

100

0

11.92 11.94

Time-->



#49

Dimethylphthalate

Concen: 4.88 ng

RT: 11.90 min Scan# 1762

Delta R.T. -0.01 min

Lab File: BF095686.D

Acq: 5 Jun 2017 22:09

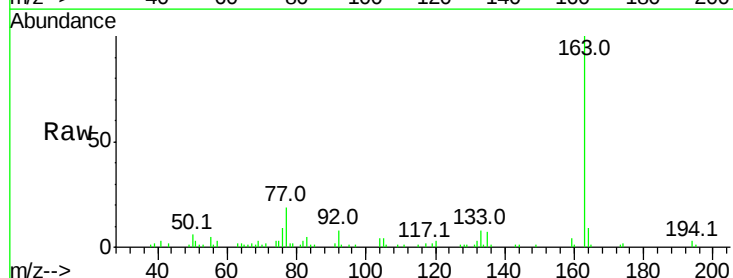
Tgt Ion:163 Resp: 72322

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

164 9.3 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

11.90

60000

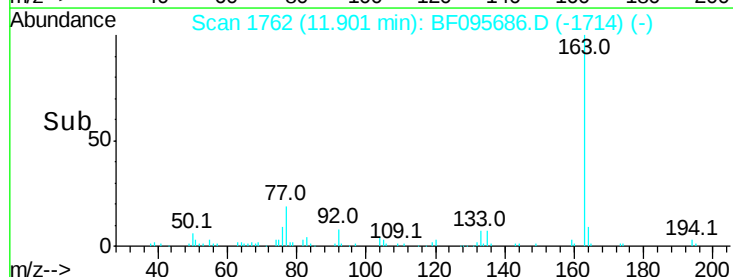
40000

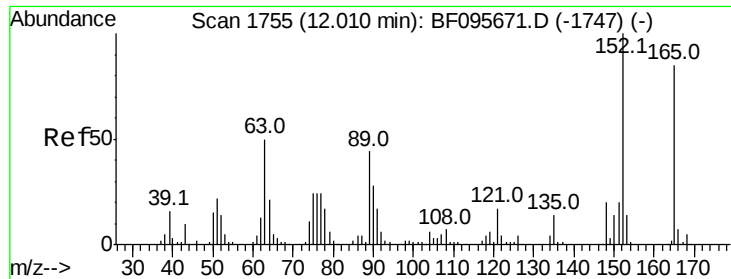
20000

0

11.90 12.00

Time-->

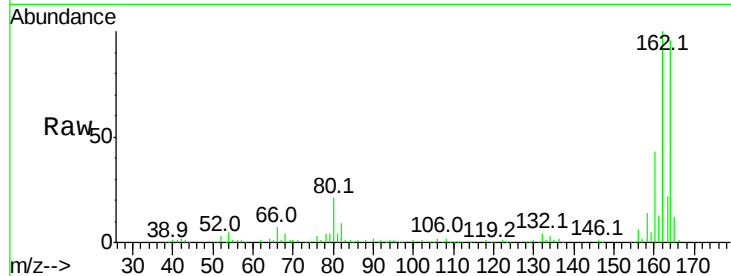




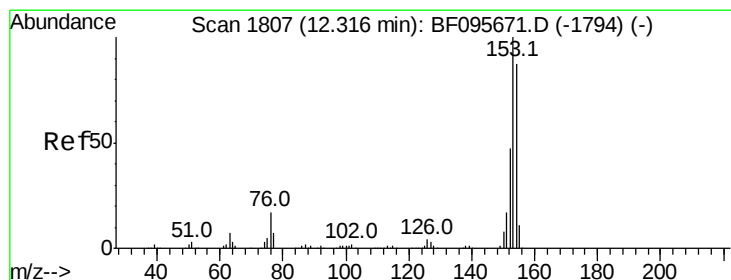
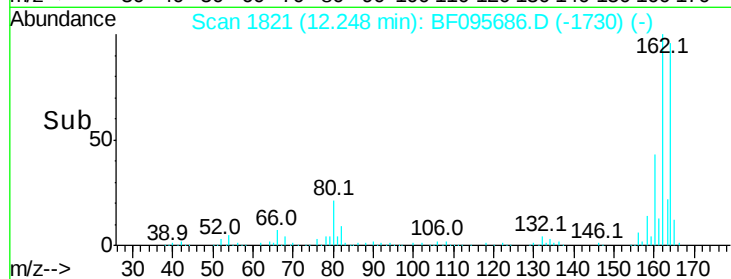
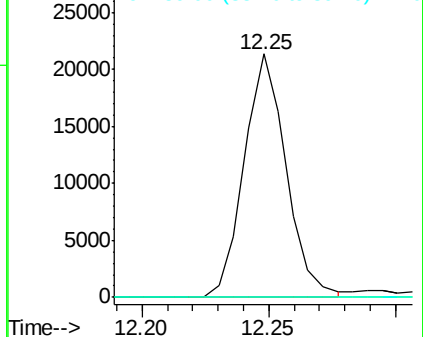
#50
2,6-Dinitrotoluene
Concen: 7.63 ng
RT: 12.25 min Scan# 1821
Delta R.T. 0.24 min
Lab File: BF095686.D
Acq: 5 Jun 2017 22:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 24664
Ion Ratio Lower Upper
165 100
63 0.0 34.3 51.5#
89 0.0 37.1 55.7#

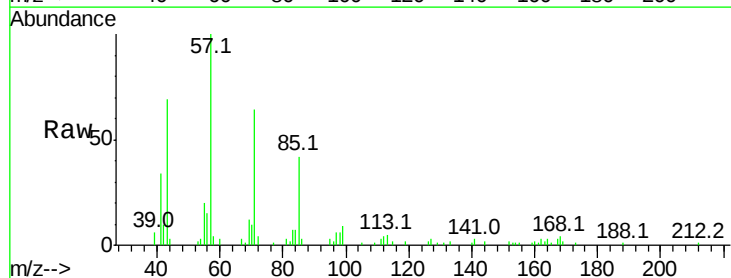


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

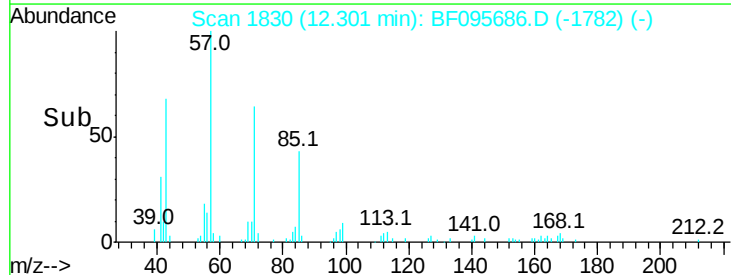
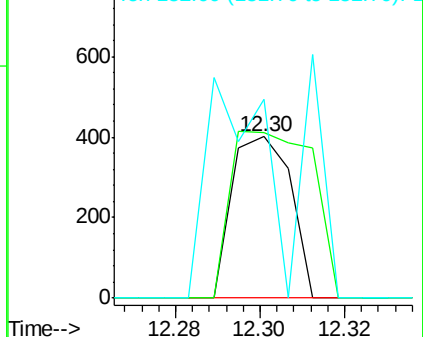


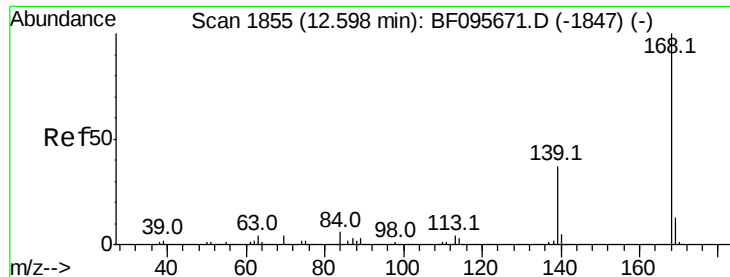
#51
Acenaphthene
Concen: 0.03 ng
RT: 12.30 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF095686.D
Acq: 5 Jun 2017 22:09

Tgt Ion:154 Resp: 387
Ion Ratio Lower Upper
154 100
153 103.0 90.5 135.7
152 122.9 43.6 65.4#



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: 0.01 ng

RT: 12.63 min Scan# 1886

Delta R.T. 0.03 min

Lab File: BF095686.D

Acq: 5 Jun 2017 22:09

Instrument :

BNA_F

ClientSampleId :

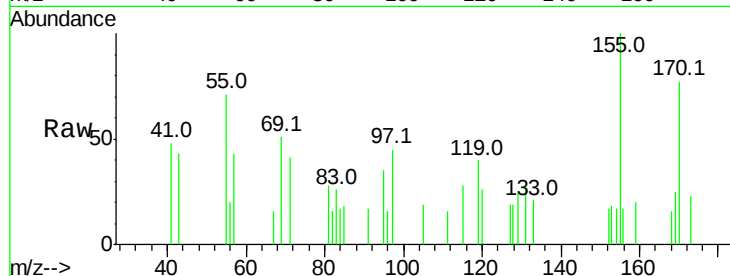
Tot Ion:168 Resp: 110

Ion Ratio Lower Upper

168 100

139 0.0 30.6 45.8#

169 156.2 10.8 16.2#

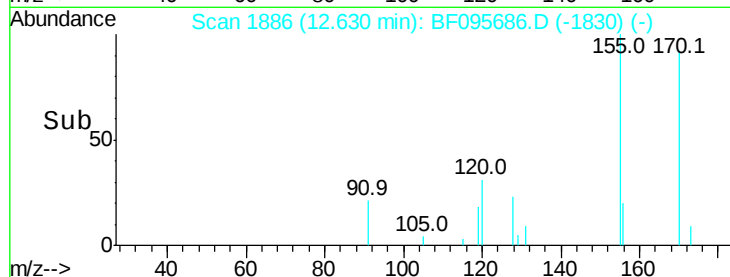


Abundance Ion 168.00 (167.70 to 168.70): E

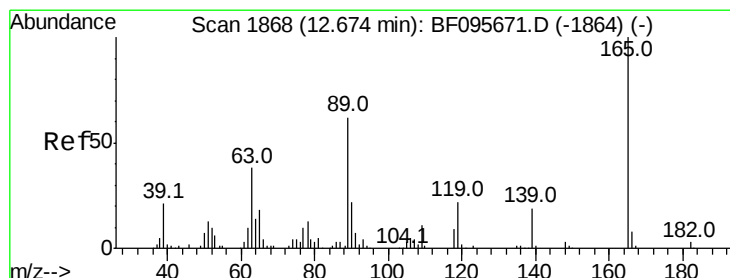
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

Time-->



Time-->



#55

4-Nitrophenol

Concen: 4.67 ng

RT: 12.62 min Scan# 1885

Delta R.T. -0.05 min

Lab File: BF095686.D

Acq: 5 Jun 2017 22:09

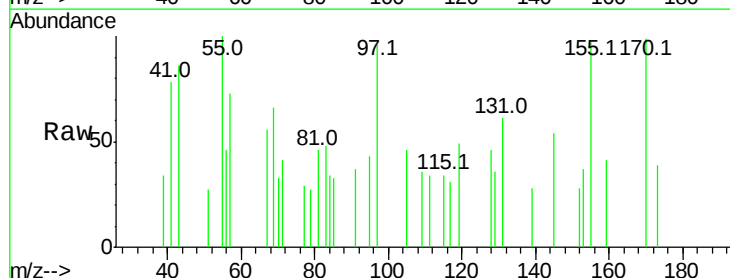
Tgt Ion:139 Resp: 112

Ion Ratio Lower Upper

139 100

109 128.2 34.1 74.1#

65 0.0 31.4 71.4#

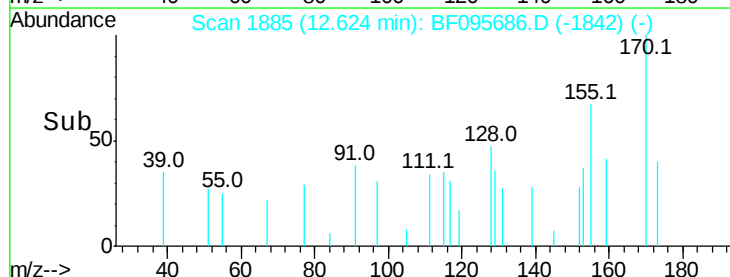


Abundance Ion 139.00 (138.70 to 139.70): E

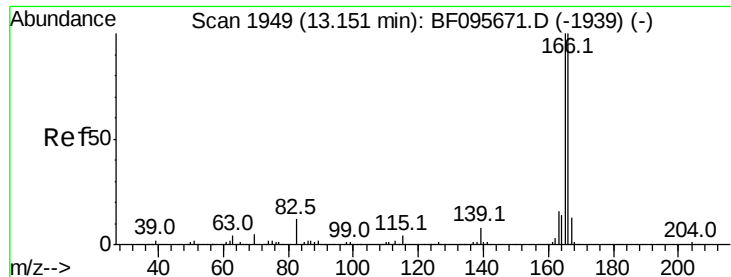
Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

Time-->



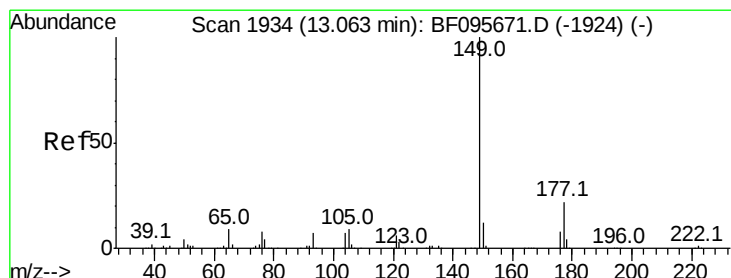
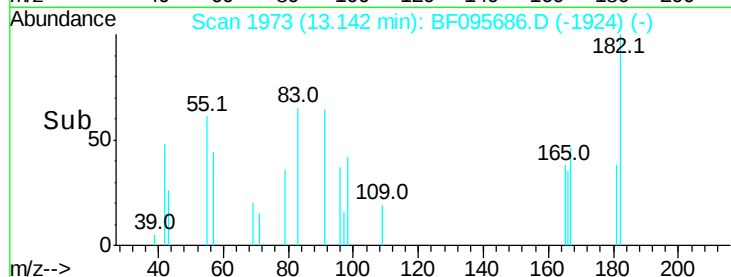
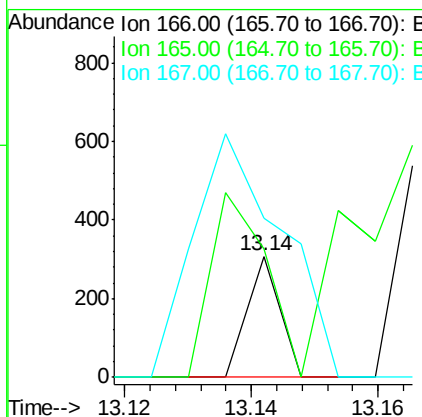
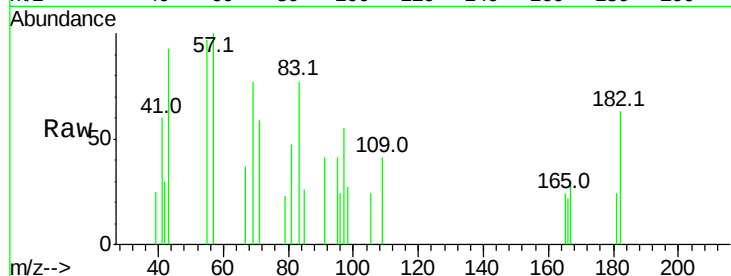
Time-->



#57
Fluorene
Concen: 0.01 ng
RT: 13.14 min Scan# 1973
Delta R.T. -0.01 min
Lab File: BF095686.D
Acq: 5 Jun 2017 22:09

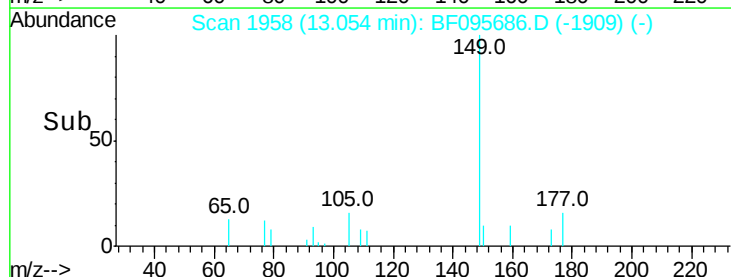
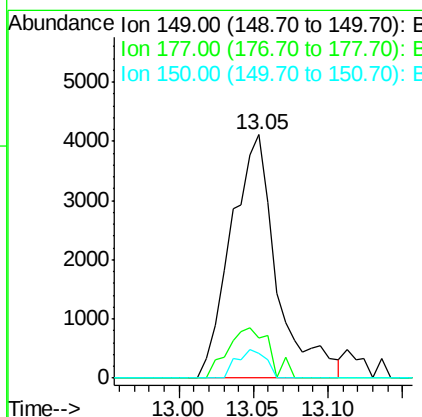
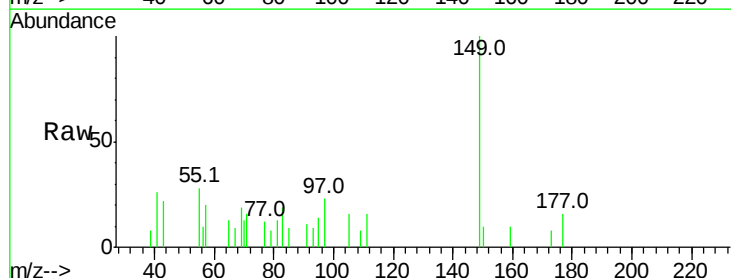
Instrument :
BNA_F
ClientSampleId :

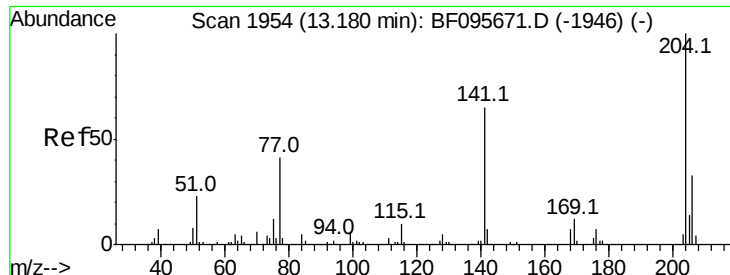
Tot Ion:166 Resp: 109
Ion Ratio Lower Upper
166 100
165 106.5 78.8 118.2
167 130.8 10.6 16.0#



#59
Diethylphthalate
Concen: 0.62 ng
RT: 13.05 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BF095686.D
Acq: 5 Jun 2017 22:09

Tgt Ion:149 Resp: 8781
Ion Ratio Lower Upper
149 100
177 16.4 16.7 25.1#
150 10.4 10.2 15.2

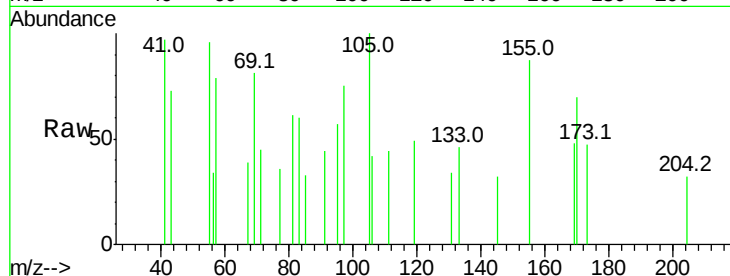




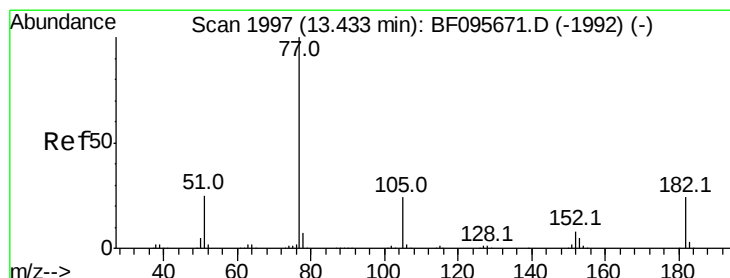
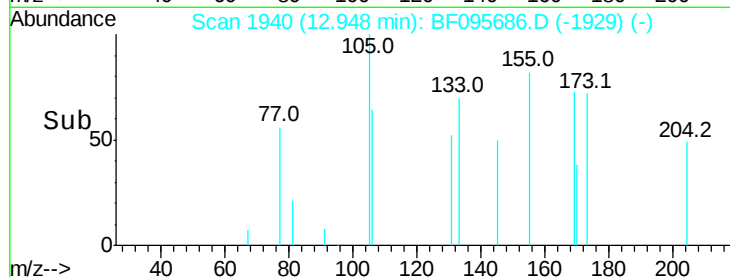
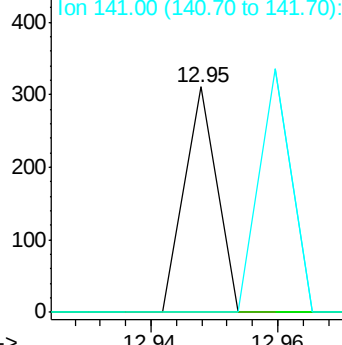
#60
4-Chlorophenyl-phenylether
Concen: 0.02 ng
RT: 12.95 min Scan# 1940
Delta R.T. -0.23 min
Lab File: BF095686.D
Acq: 5 Jun 2017 22:09

Instrument :
BNA_F
ClientSampled :

Tot Ion: 204 Resp: 110
Ion Ratio Lower Upper
204 100
206 0.0 26.2 39.2#
141 0.0 60.8 91.2#

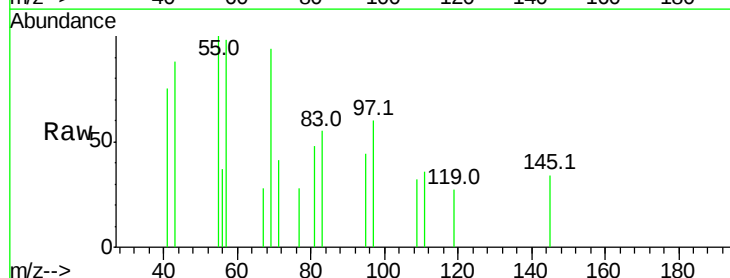


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

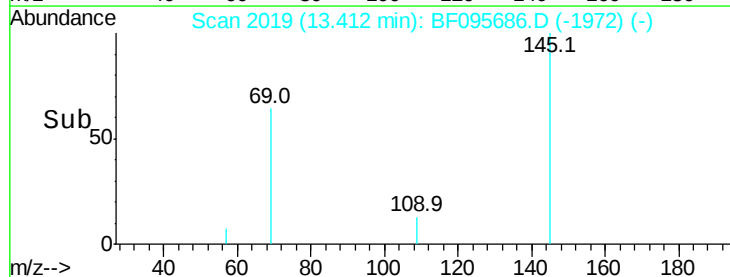
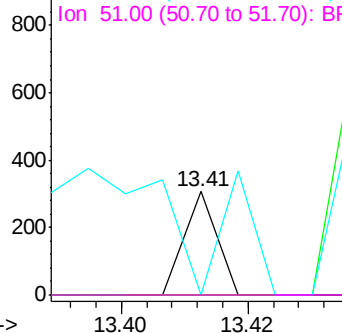


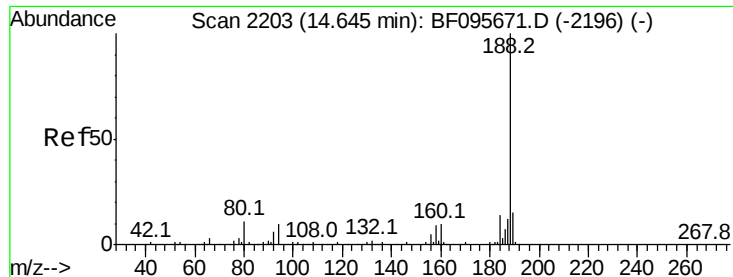
#62
Azobenzene
Concen: 0.01 ng
RT: 13.41 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BF095686.D
Acq: 5 Jun 2017 22:09

Tgt Ion: 77 Resp: 108
Ion Ratio Lower Upper
77 100
182 0.0 0.1 40.1#
105 0.0 3.6 43.6#
51 0.0 9.4 49.4#



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

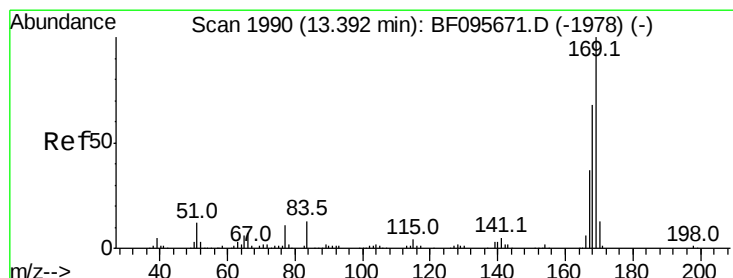
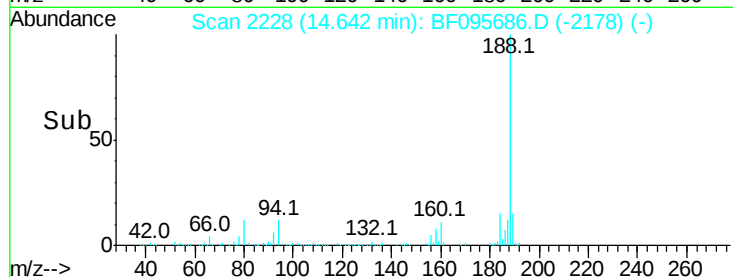
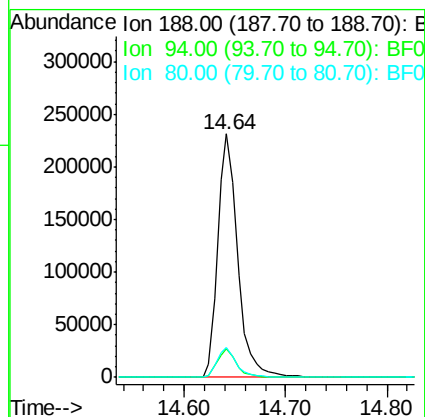
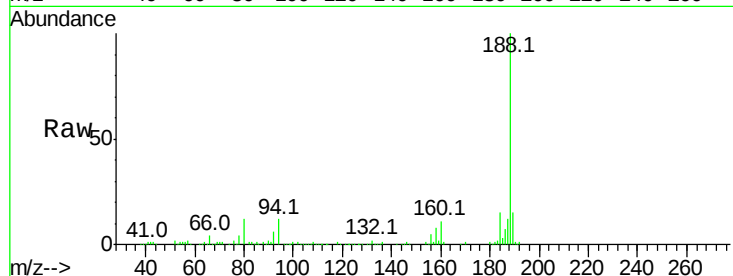




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.64 min Scan# 2228
Delta R.T. -0.00 min
Lab File: BF095686.D
Acq: 5 Jun 2017 22:09

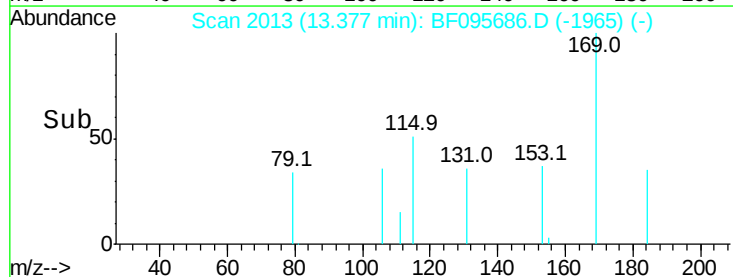
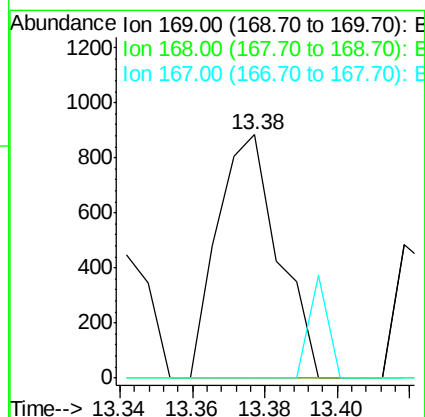
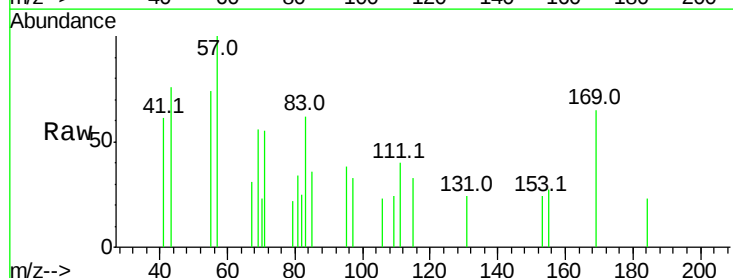
Instrument :
BNA_F
ClientSampleId :

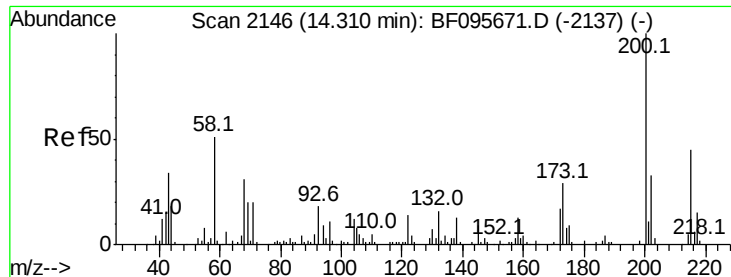
Tot Ion:188 Resp: 315032
Ion Ratio Lower Upper
188 100
94 11.5 9.4 14.2
80 12.1 10.2 15.2



#65
n-Nitrosodiphenylamine
Concen: 0.09 ng
RT: 13.38 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF095686.D
Acq: 5 Jun 2017 22:09

Tgt Ion:169 Resp: 1038
Ion Ratio Lower Upper
169 100
168 0.0 53.2 79.8#
167 0.0 29.5 44.3#

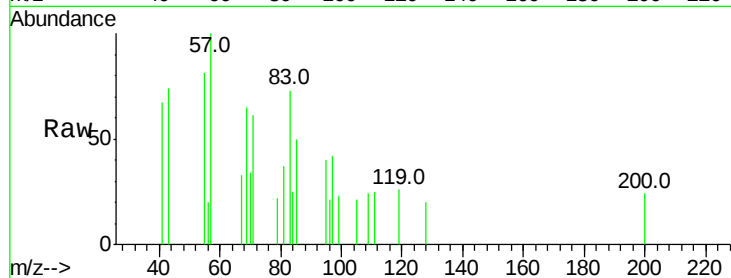




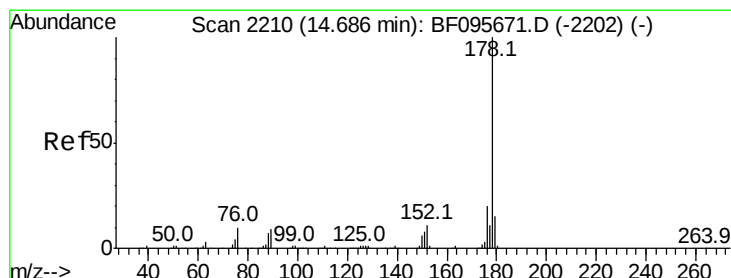
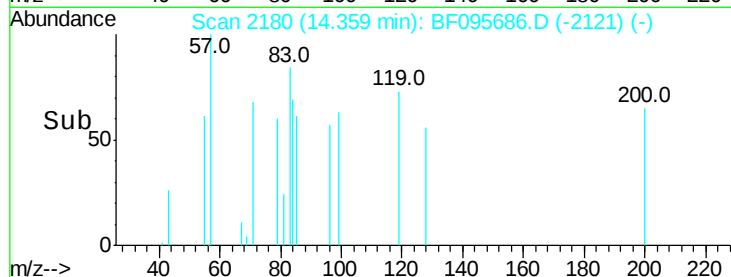
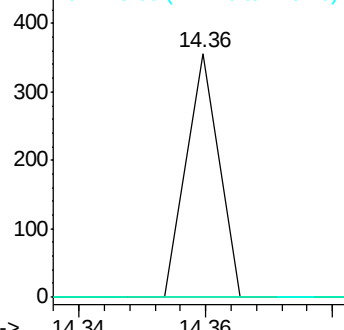
#68
Atrazine
Concen: 0.04 ng
RT: 14.36 min Scan# 2180
Delta R.T. 0.05 min
Lab File: BF095686.D
Acq: 5 Jun 2017 22:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 126
Ion Ratio Lower Upper
200 100
173 0.0 6.3 46.3#
215 0.0 27.2 67.2#

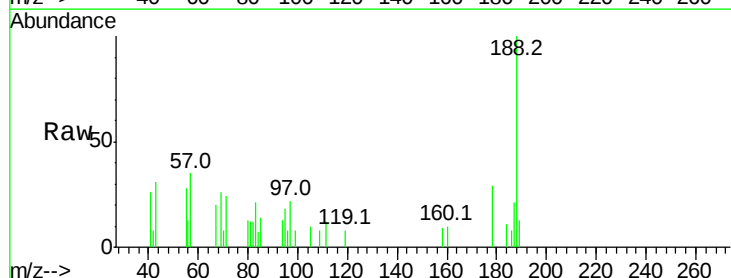


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

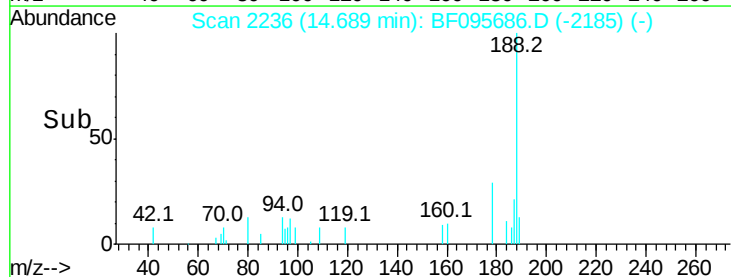
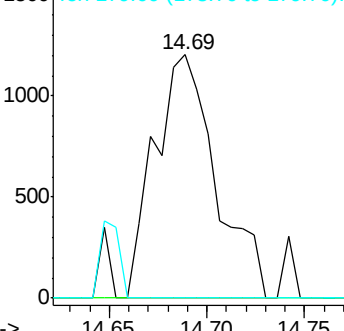


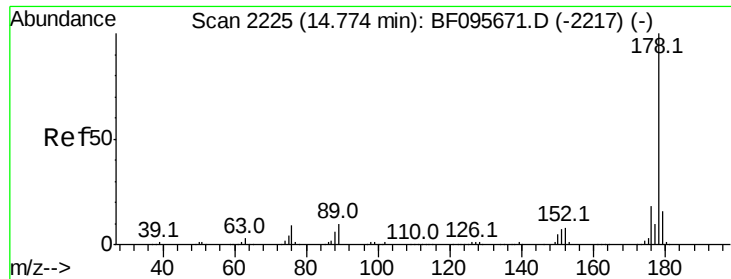
#70
Phenanthrene
Concen: 0.14 ng
RT: 14.69 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BF095686.D
Acq: 5 Jun 2017 22:09

Tgt Ion:178 Resp: 2630
Ion Ratio Lower Upper
178 100
176 0.0 16.2 24.4#
179 0.0 12.6 19.0#



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

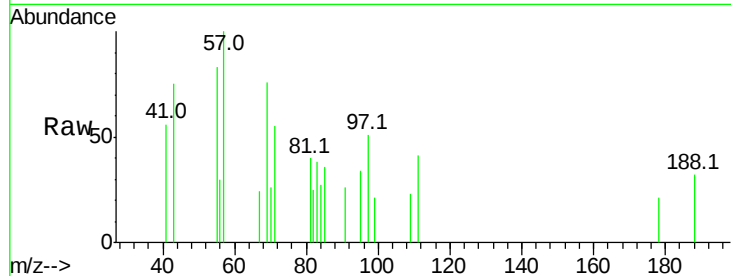




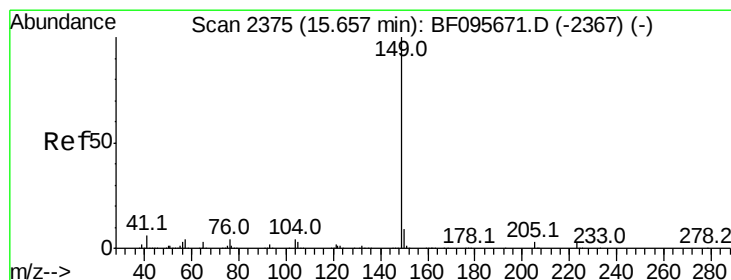
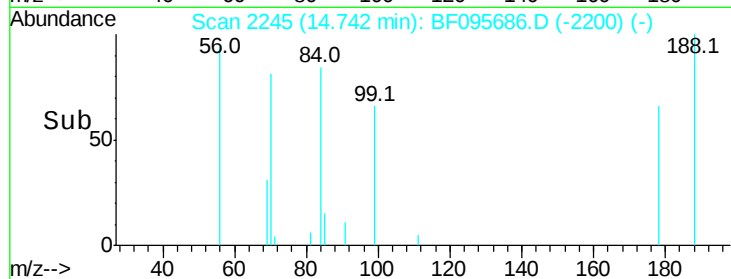
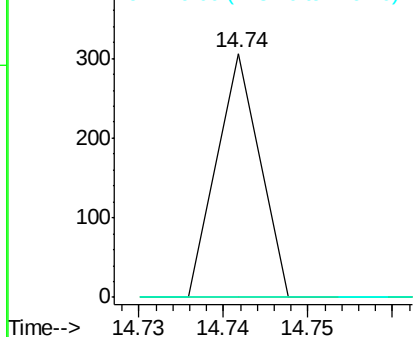
#71
 Anthracene
 Concen: 0.01 ng
 RT: 14.74 min Scan# 2245
 Delta R.T. -0.03 min
 Lab File: BF095686.D
 Acq: 5 Jun 2017 22:09

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:178 Resp: 108
 Ion Ratio Lower Upper
 178 100
 176 0.0 15.8 23.8#
 179 0.0 12.7 19.1#

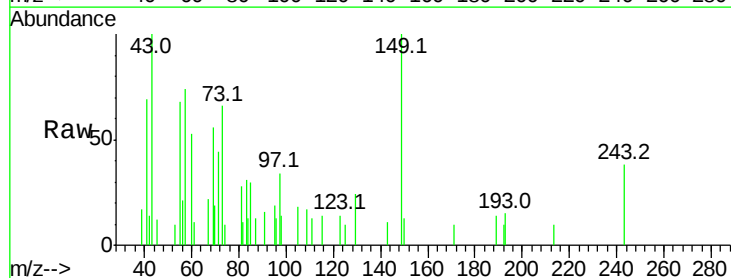


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

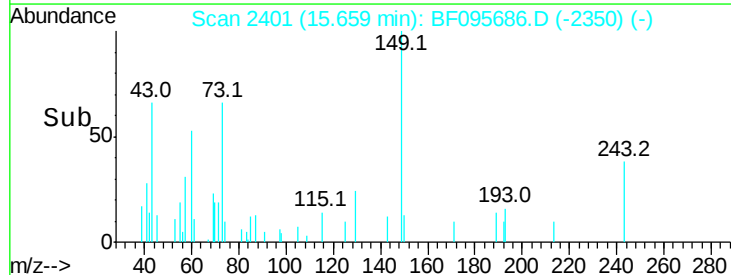
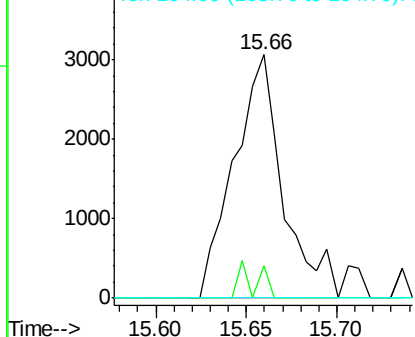


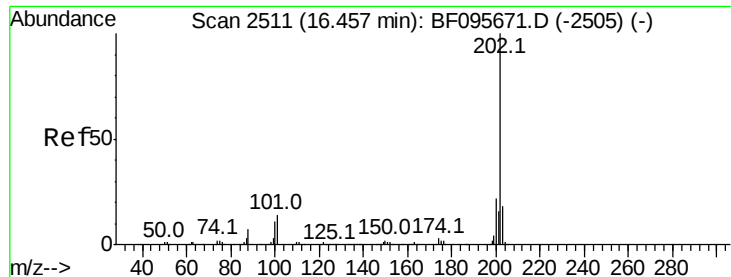
#73
 Di-n-butylphthalate
 Concen: 0.29 ng
 RT: 15.66 min Scan# 2401
 Delta R.T. 0.00 min
 Lab File: BF095686.D
 Acq: 5 Jun 2017 22:09

Tgt Ion:149 Resp: 5757
 Ion Ratio Lower Upper
 149 100
 150 13.4 7.7 11.5#
 104 0.0 4.0 6.0#



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: 0.04 ng

RT: 16.44 min Scan# 2534

Delta R.T. -0.01 min

Lab File: BF095686.D

Acq: 5 Jun 2017 22:09

Instrument :

BNA_F

ClientSampleId :

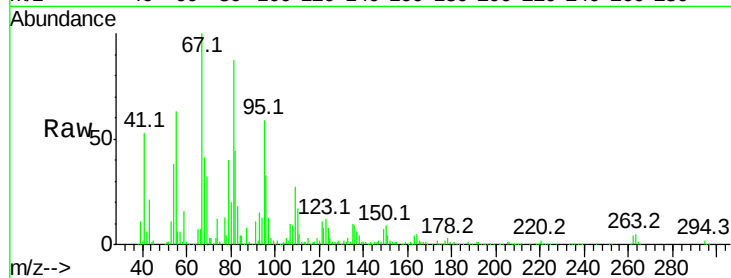
Tot Ion:202 Resp: 654

Ion Ratio Lower Upper

202 100

101 2252.4 0.0 33.2#

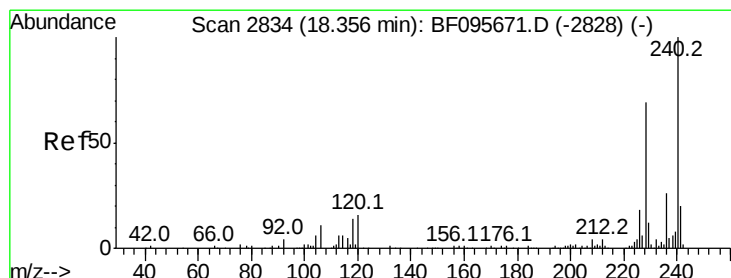
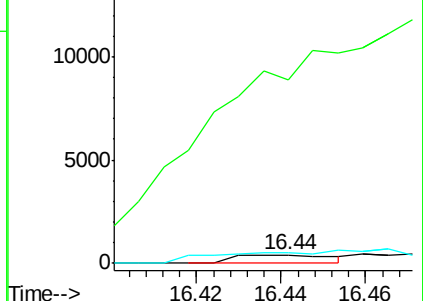
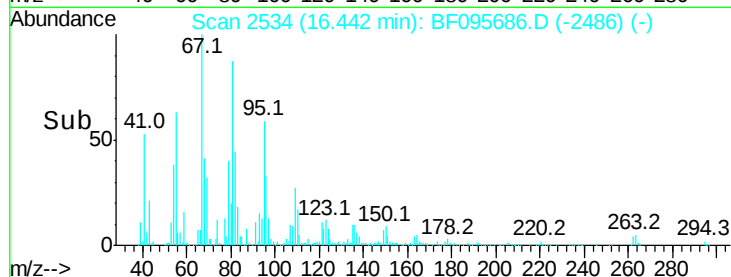
203 123.9 0.0 38.1#



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: 18.35 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BF095686.D

Acq: 5 Jun 2017 22:09

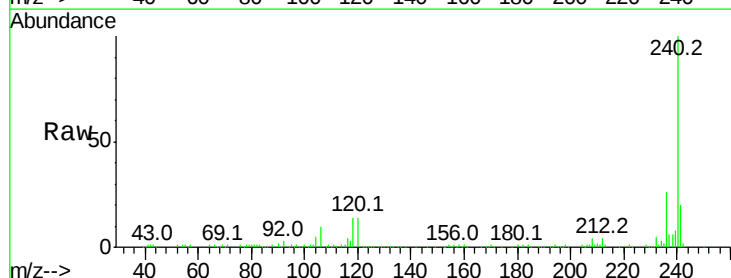
Tgt Ion:240 Resp: 216383

Ion Ratio Lower Upper

240 100

120 13.8 5.8 8.8#

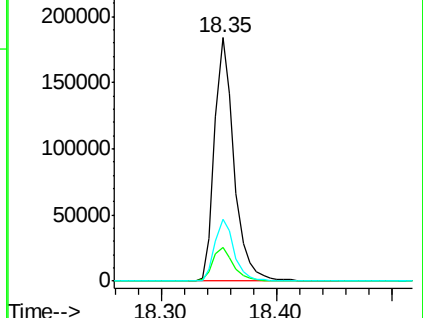
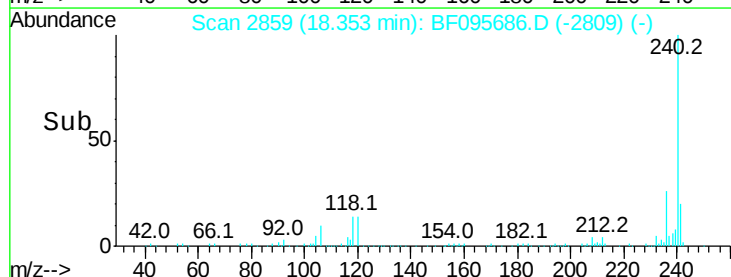
236 25.6 20.5 30.7

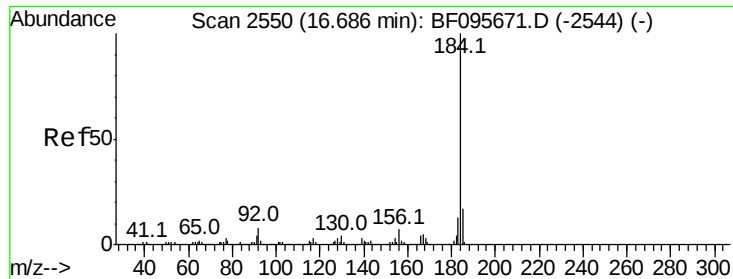


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 0.15 ng

RT: 16.53 min Scan# 2549

Delta R.T. -0.16 min

Lab File: BF095686.D

Acq: 5 Jun 2017 22:09

Instrument :

BNA_F

ClientSampled :

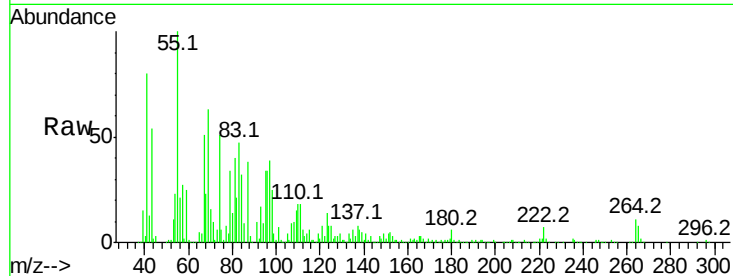
Tot Ion:184 Resp: 1285

Ion Ratio Lower Upper

184 100

185 275.0 15.5 23.3#

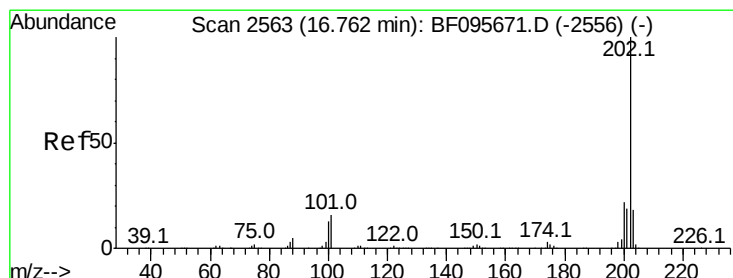
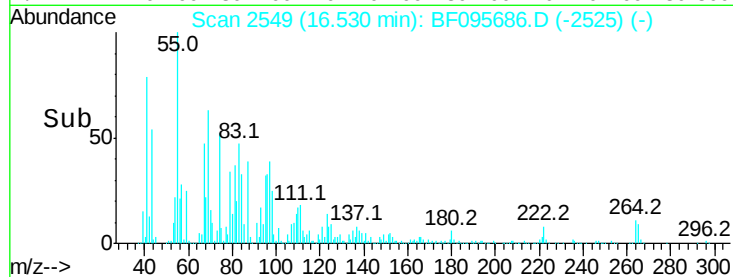
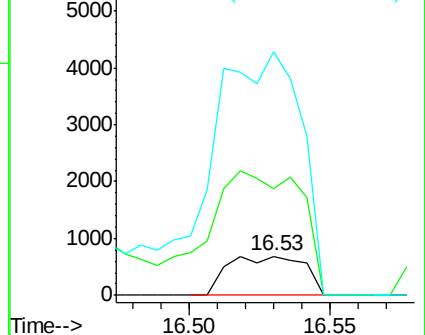
183 626.0 9.8 14.6#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 0.19 ng

RT: 16.81 min Scan# 2597

Delta R.T. 0.05 min

Lab File: BF095686.D

Acq: 5 Jun 2017 22:09

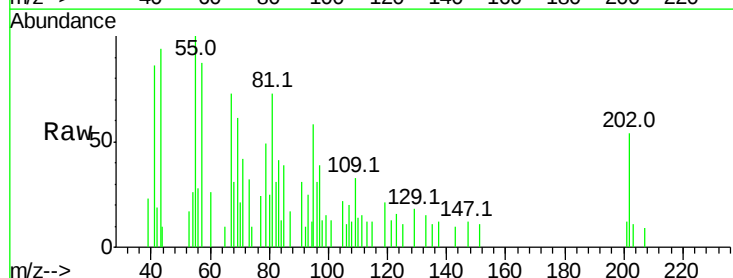
Tgt Ion:202 Resp: 3036

Ion Ratio Lower Upper

202 100

200 0.0 17.6 26.4#

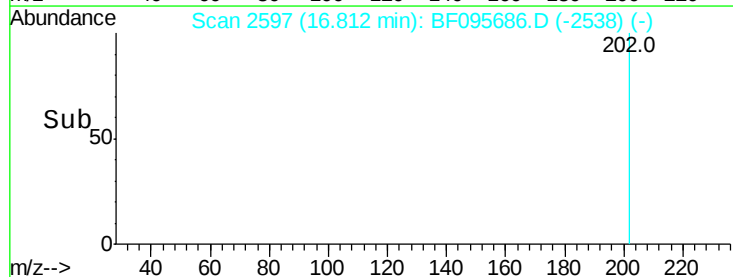
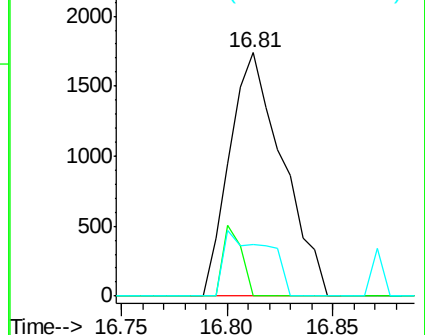
203 21.2 14.4 21.6

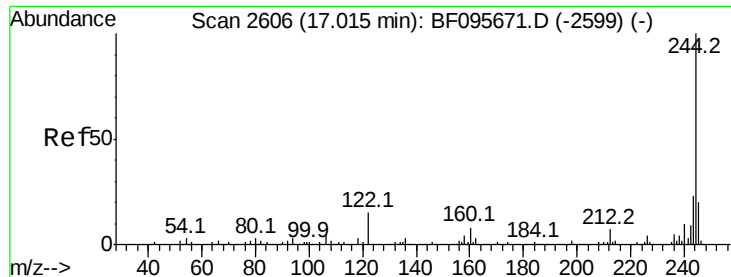


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

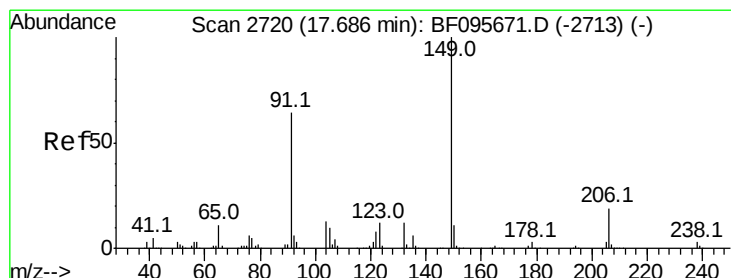
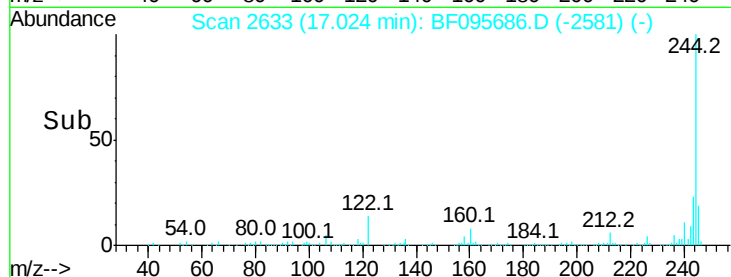
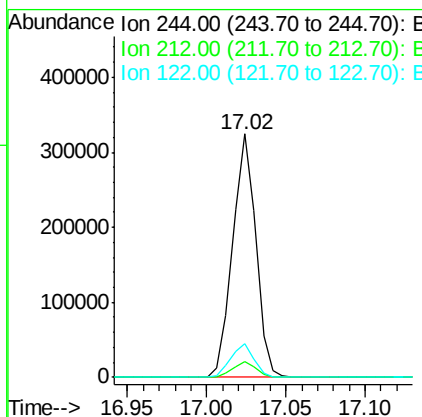
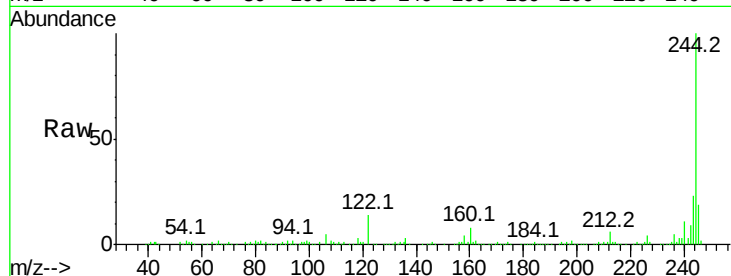




#78
 Terphenyl-d14
 Concen: 37.93 ng
 RT: 17.02 min Scan# 2633
 Delta R.T. 0.01 min
 Lab File: BF095686.D
 Acq: 5 Jun 2017 22:09

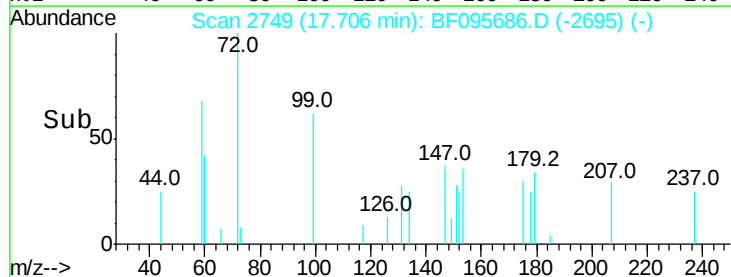
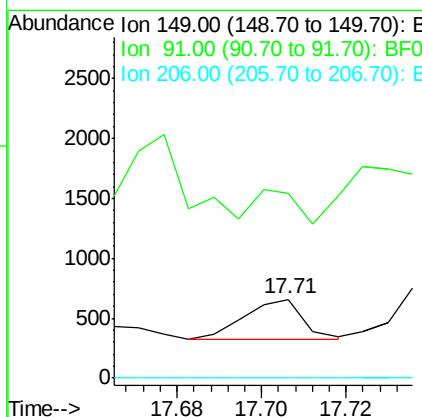
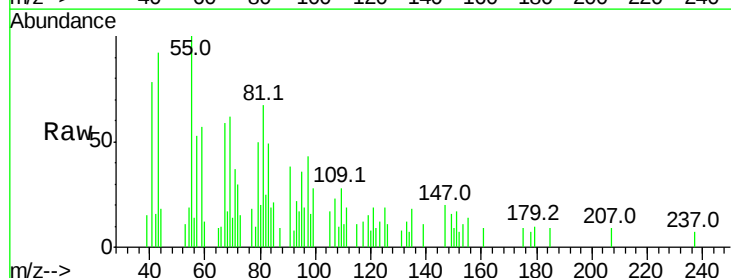
Instrument :
 BNA_F
 ClientSampleId :

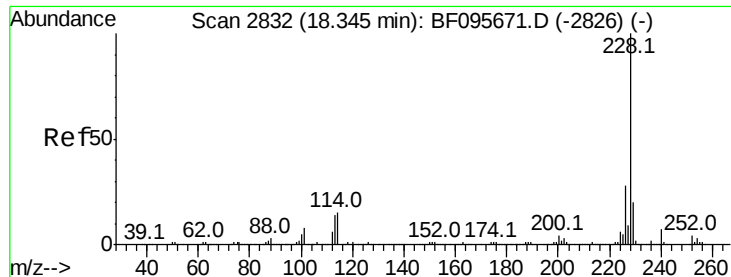
Tot Ion:244 Resp: 330707
 Ion Ratio Lower Upper
 244 100
 212 6.5 6.0 9.0
 122 13.6 10.3 15.5



#79
 Butylbenzylphthalate
 Concen: 0.04 ng
 RT: 17.71 min Scan# 2749
 Delta R.T. 0.02 min
 Lab File: BF095686.D
 Acq: 5 Jun 2017 22:09

Tgt Ion:149 Resp: 317
 Ion Ratio Lower Upper
 149 100
 91 235.2 45.0 67.4#
 206 0.0 17.0 25.6#





#80

Benzo(a)anthracene

Concen: 0.13 ng

RT: 18.35 min Scan# 2859

Delta R.T. 0.01 min

Lab File: BF095686.D

Acq: 5 Jun 2017 22:09

Instrument :

BNA_F

ClientSampleId :

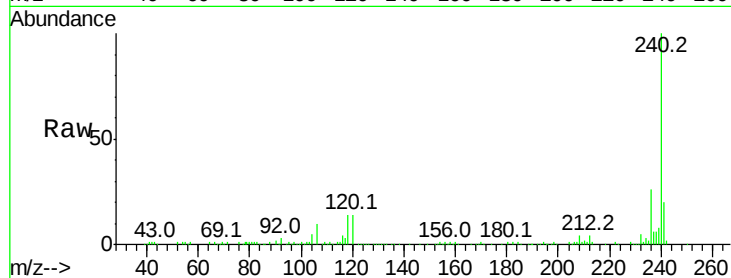
Tot Ion:228 Resp: 1585

Ion Ratio Lower Upper

228 100

226 0.0 22.6 33.8#

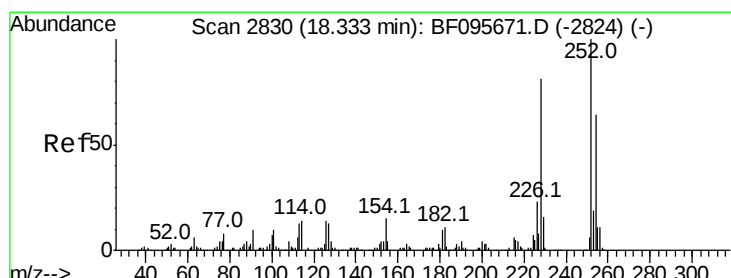
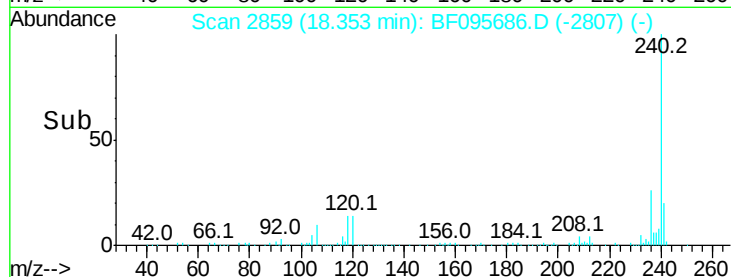
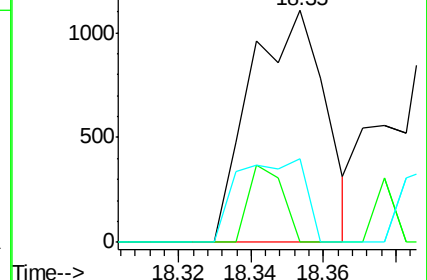
229 36.0 16.3 24.5#



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



#81

3,3'-Dichlorobenzidine

Concen: 0.02 ng

RT: 18.08 min Scan# 2813

Delta R.T. -0.25 min

Lab File: BF095686.D

Acq: 5 Jun 2017 22:09

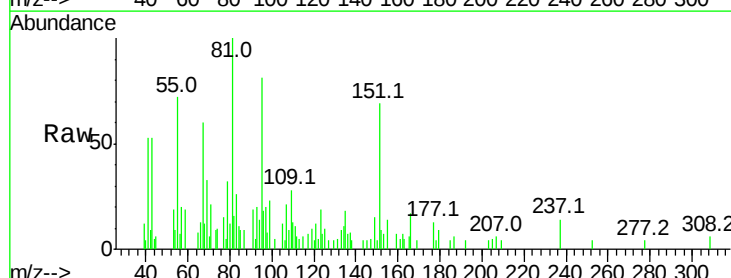
Tgt Ion:252 Resp: 109

Ion Ratio Lower Upper

252 100

254 0.0 51.5 77.3#

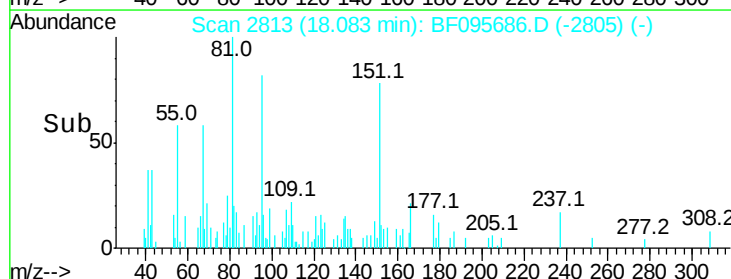
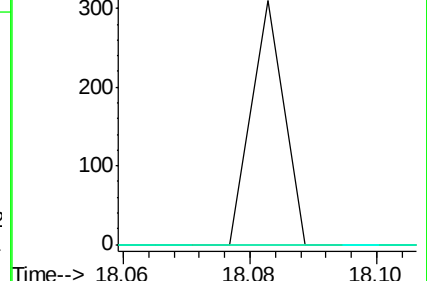
126 0.0 15.8 23.8#

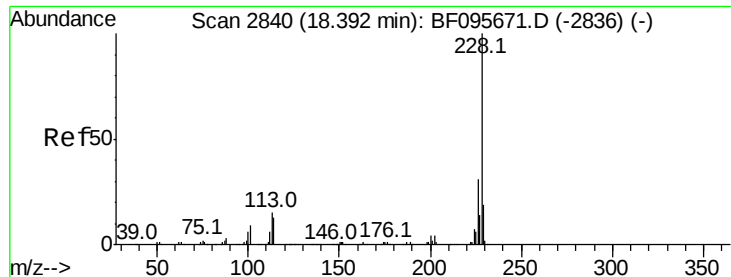


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 0.16 ng

RT: 18.39 min Scan# 2865

Delta R.T. -0.00 min

Lab File: BF095686.D

Acq: 5 Jun 2017 22:09

Instrument :

BNA_F

ClientSampled :

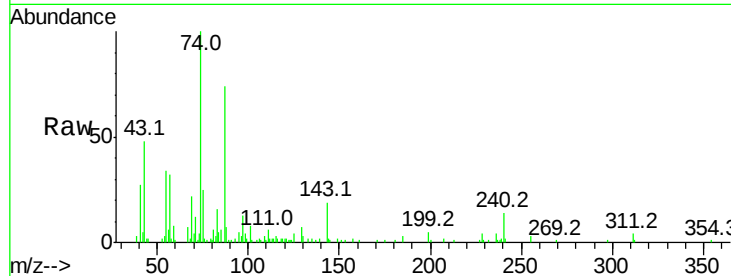
Tot Ion:228 Resp: 1961

Ion Ratio Lower Upper

228 100

226 0.0 24.9 37.3#

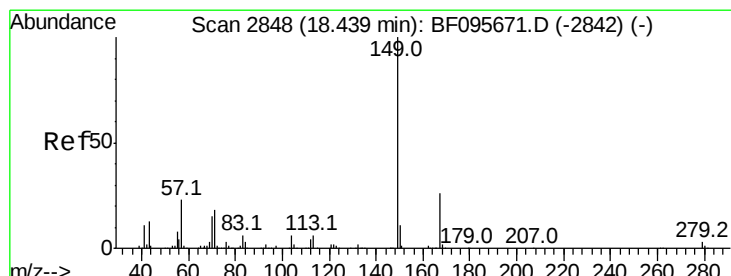
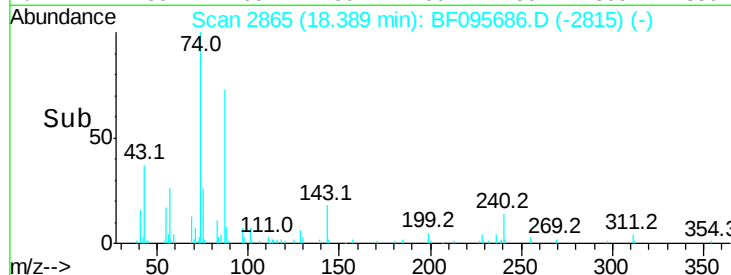
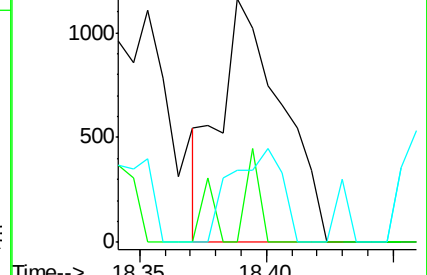
229 29.6 15.8 23.6#



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: 0.38 ng

RT: 18.43 min Scan# 2872

Delta R.T. -0.01 min

Lab File: BF095686.D

Acq: 5 Jun 2017 22:09

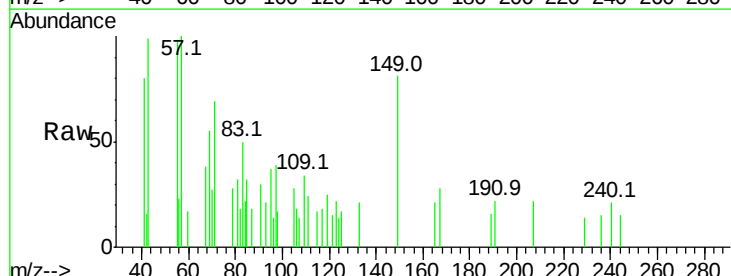
Tgt Ion:149 Resp: 3746

Ion Ratio Lower Upper

149 100

167 34.1 21.0 31.4#

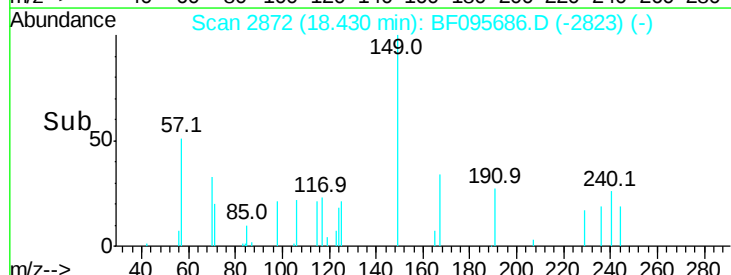
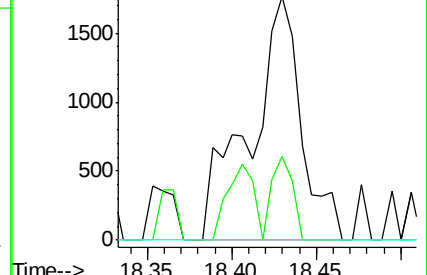
279 0.0 1.9 2.9#

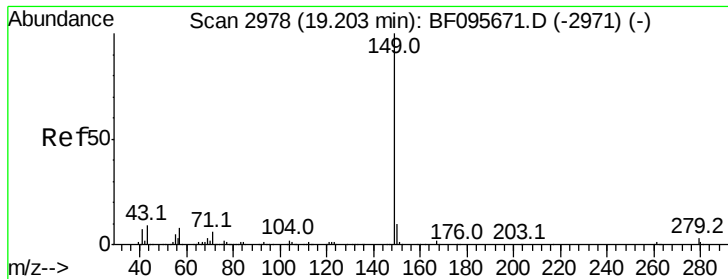


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

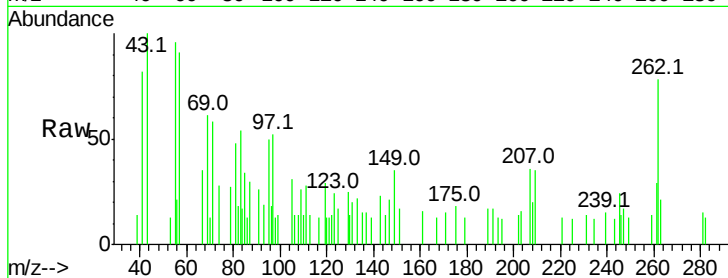




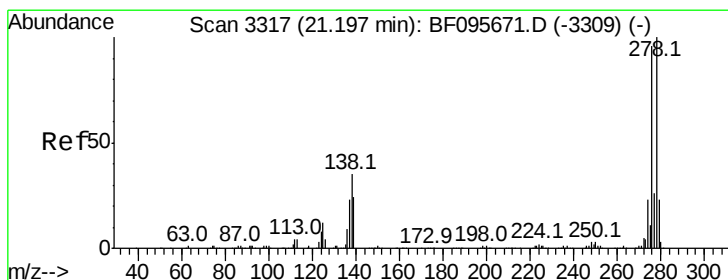
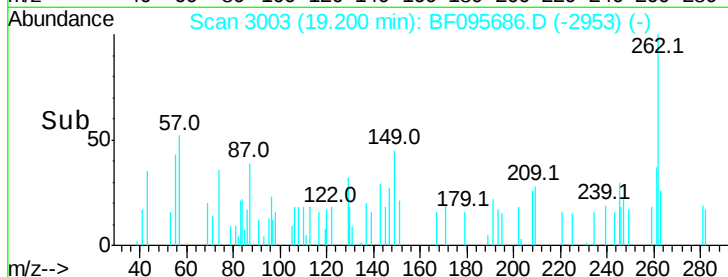
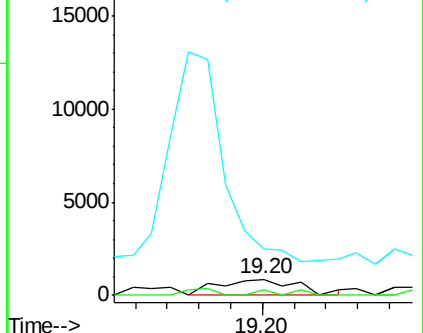
#84
Di-n-octyl phthalate
Concen: 0.09 ng
RT: 19.20 min Scan# 3003
Delta R.T. -0.00 min
Lab File: BF095686.D
Acq: 5 Jun 2017 22:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1530
Ion Ratio Lower Upper
149 100
167 14.4 1.2 1.8#
43 0.0 8.5 12.7#

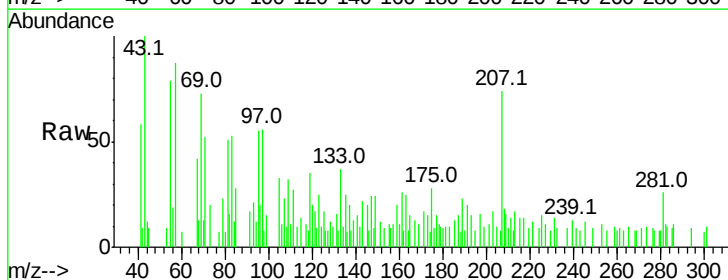


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

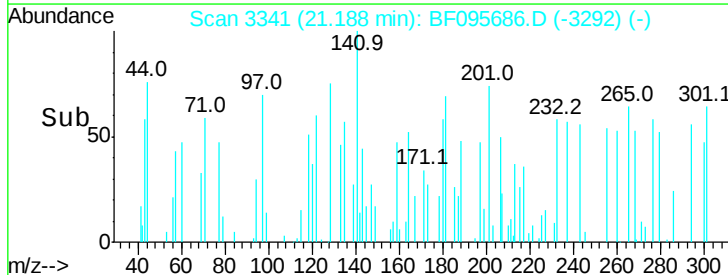
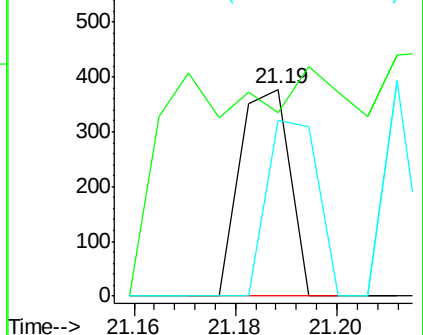


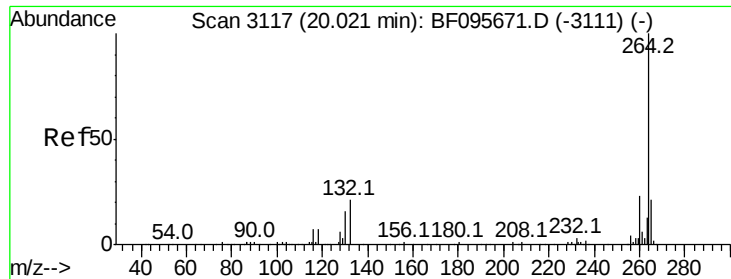
#85
Indeno(1,2,3-cd)pyrene
Concen: 0.02 ng
RT: 21.19 min Scan# 3341
Delta R.T. -0.01 min
Lab File: BF095686.D
Acq: 5 Jun 2017 22:09

Tgt Ion:276 Resp: 257
Ion Ratio Lower Upper
276 100
138 145.9 27.8 41.6#
277 86.8 20.2 30.4#



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

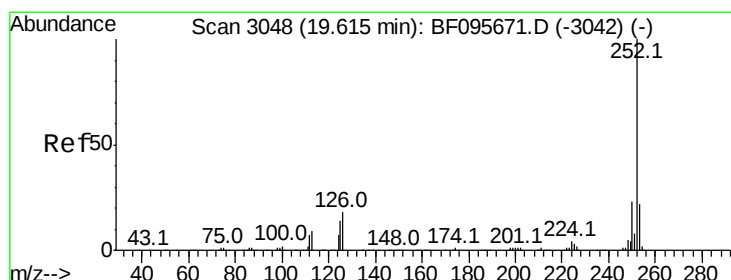
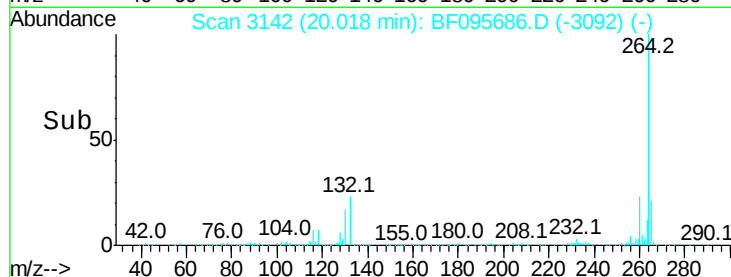
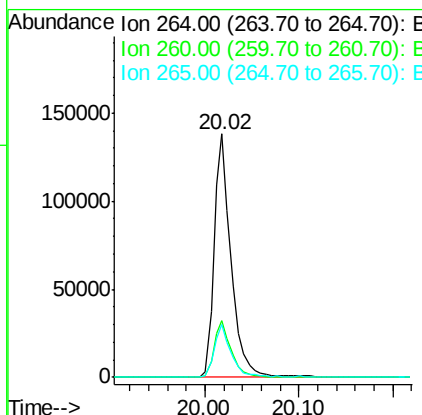
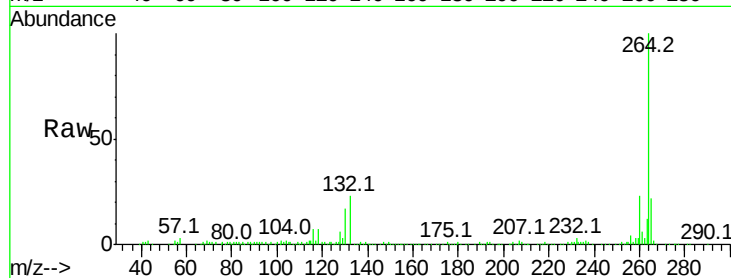




#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.02 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BF095686.D
Acq: 5 Jun 2017 22:09

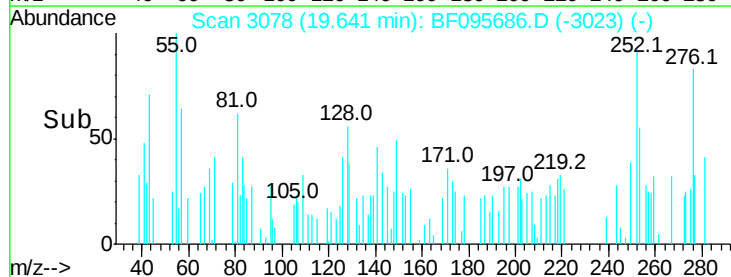
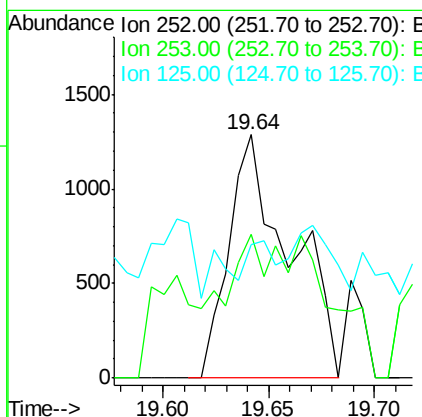
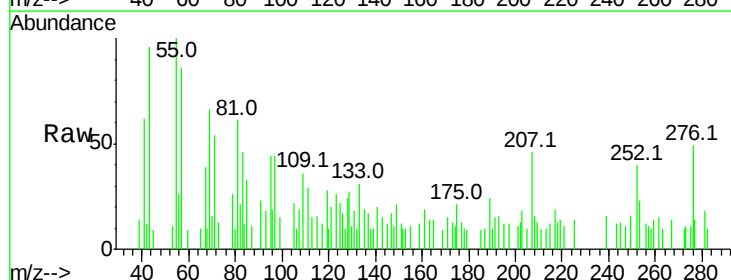
Instrument :
BNA_F
ClientSampleId :

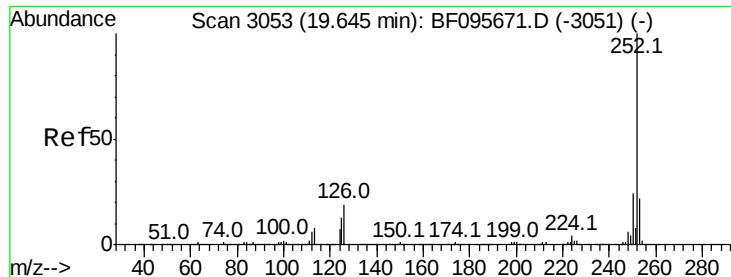
Tot Ion:264 Resp: 175789
Ion Ratio Lower Upper
264 100
260 23.3 19.5 29.3
265 21.6 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 0.23 ng
RT: 19.64 min Scan# 3078
Delta R.T. 0.03 min
Lab File: BF095686.D
Acq: 5 Jun 2017 22:09

Tgt Ion:252 Resp: 2580
Ion Ratio Lower Upper
252 100
253 59.3 18.1 27.1#
125 54.9 9.8 14.8#

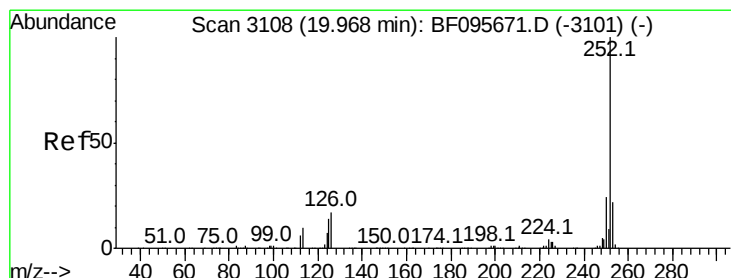
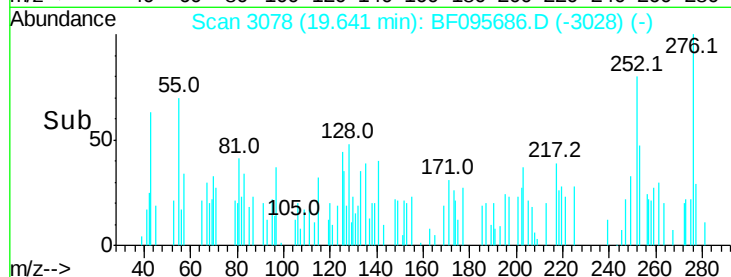
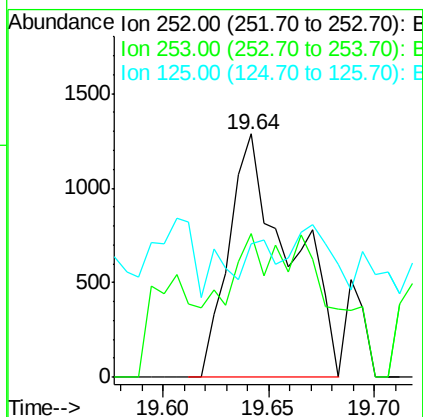
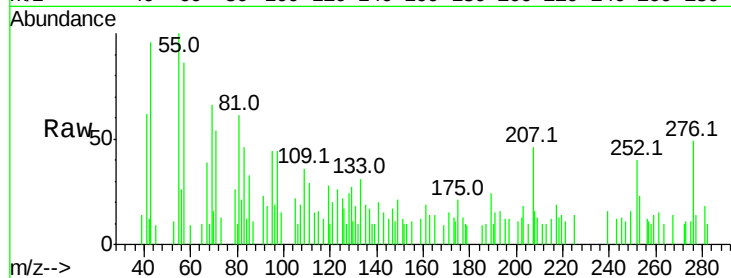




#88
Benzo(k)fluoranthene
Concen: 0.25 ng
RT: 19.64 min Scan# 3078
Delta R.T. -0.00 min
Lab File: BF095686.D
Acq: 5 Jun 2017 22:09

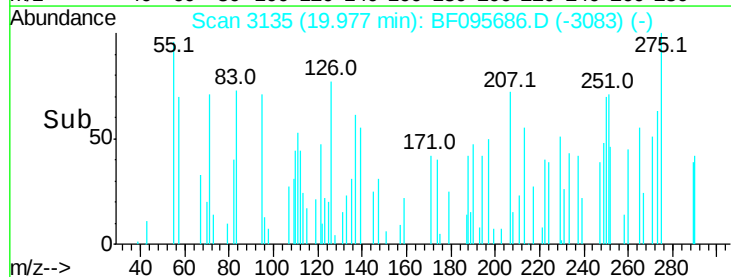
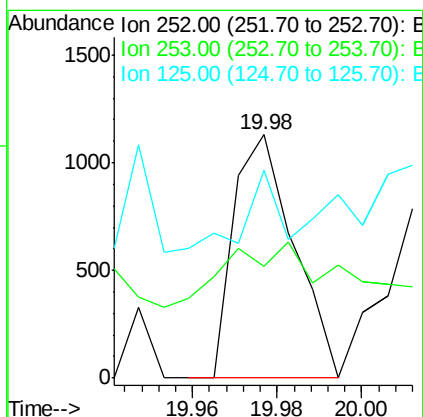
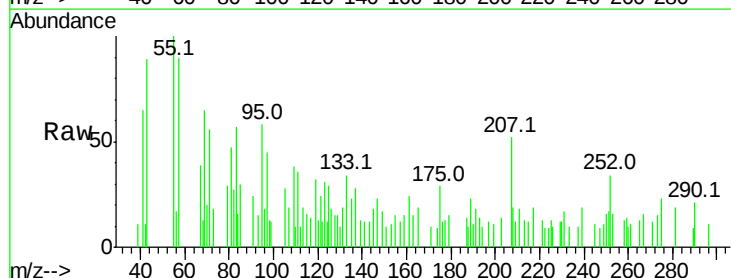
Instrument :
BNA_F
ClientSampleId :

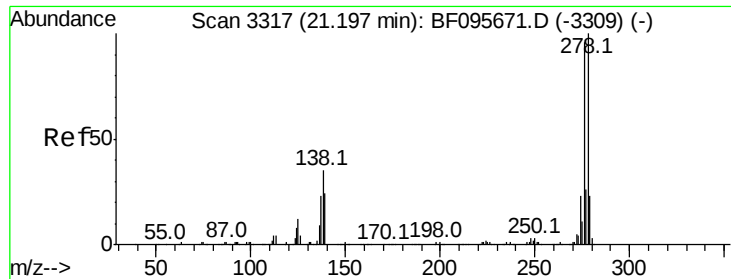
Tot Ion:252 Resp: 2580
Ion Ratio Lower Upper
252 100
253 59.3 18.4 27.6#
125 54.9 13.1 19.7#



#89
Benzo(a)pyrene
Concen: 0.11 ng
RT: 19.98 min Scan# 3135
Delta R.T. 0.01 min
Lab File: BF095686.D
Acq: 5 Jun 2017 22:09

Tgt Ion:252 Resp: 1115
Ion Ratio Lower Upper
252 100
253 46.2 17.5 26.3#
125 85.1 11.0 16.4#





#90

Dibenzo(a,h)anthracene

Concen: 0.03 ng

RT: 21.21 min Scan# 3344

Delta R.T. 0.01 min

Lab File: BF095686.D

Acq: 5 Jun 2017 22:09

Instrument :

BNA_F

ClientSampleId :

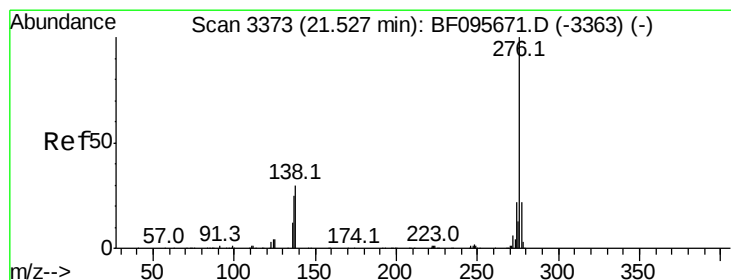
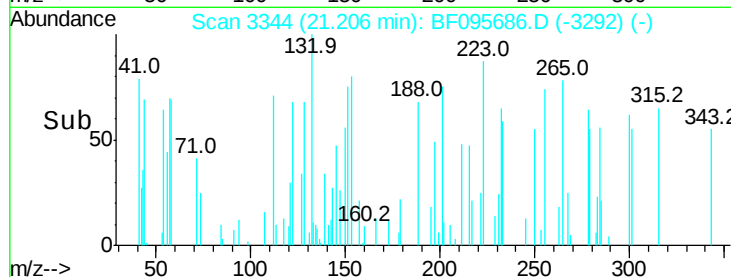
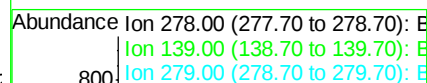
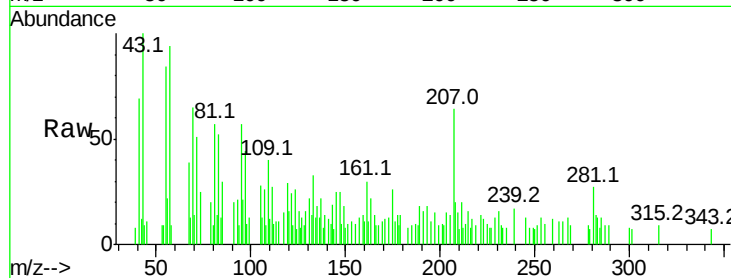
Tot Ion:278 Resp: 242

Ion Ratio Lower Upper

278 100

139 164.6 16.6 24.8#

279 85.6 19.3 28.9#



#91

Benzo(g,h,i)perylene

Concen: 0.01 ng

RT: 21.51 min Scan# 3396

Delta R.T. -0.01 min

Lab File: BF095686.D

Acq: 5 Jun 2017 22:09

Tgt Ion:276 Resp: 107

Ion Ratio Lower Upper

276 100

277 0.0 18.6 28.0#

138 0.0 25.4 38.0#

