

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060517\
 Data File : BF095685.D
 Acq On : 5 Jun 2017 21:36
 Operator : SJ/MA
 Sample : I3438-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 06 01:17:59 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	102126	20.00	ng	0.00
21) Naphthalene-d8	9.43	136	438989	20.00	ng	0.00
38) Acenaphthene-d10	12.25	164	199996	20.00	ng	0.00
63) Phenanthrene-d10	14.64	188	327975	20.00	ng	0.00
75) Chrysene-d12	18.35	240	260683	20.00	ng	0.00
86) Perylene-d12	20.02	264	167196	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.30	112	632672	98.71	ng	0.00
7) Phenol-d6	6.95	99	758776	98.89	ng	0.00
23) Nitrobenzene-d5	8.31	82	474493	67.13	ng	-0.01
41) 2,4,6-Tribromophenol	13.54	330	155769	88.03	ng	0.00
44) 2-Fluorobiphenyl	11.21	172	899065	62.56	ng	0.00
78) Terphenyl-d14	17.01	244	688867	65.58	ng	0.00

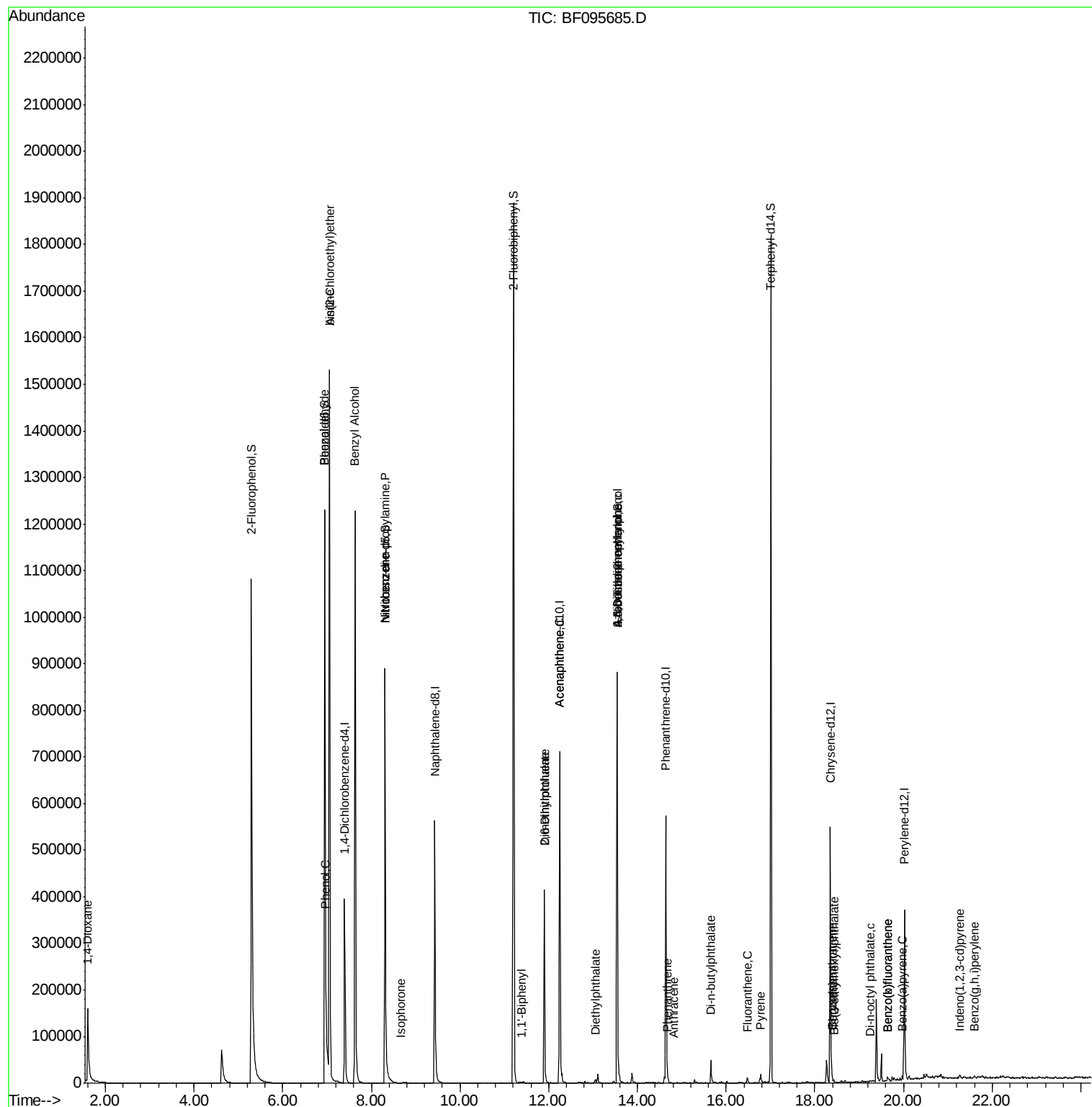
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.60	88	8019	2.63	ng	# 23
6) Aniline	7.05	93	711	0.07	ng	# 1
9) Benzaldehyde	6.95	77	733	0.14	ng	# 1
10) Phenol	6.97	94	11007	1.38	ng	# 41
11) bis(2-Chloroethyl)ether	7.05	93	711	0.11	ng	# 1
15) Benzyl Alcohol	7.63	79	7805	1.48	ng	# 39
19) n-Nitroso-di-n-propylamine	8.31	70	58634	12.06	ng	# 76
24) Nitrobenzene	8.31	77	727	0.10	ng	# 17
25) Isophorone	8.66	82	109	0.01	ng	# 67
45) 1,1'-Biphenyl	11.40	154	988	0.06	ng	# 42
49) Dimethylphthalate	11.90	163	252671	16.64	ng	# 99
50) 2,6-Dinitrotoluene	11.90	165	2370	0.72	ng	# 1
51) Acenaphthene	12.25	154	443	0.03	ng	# 4
59) Diethylphthalate	13.05	149	8011	0.55	ng	# 93
62) Azobenzene	13.54	77	658	0.05	ng	# 1
64) 4,6-Dinitro-2-methylphenol	13.54	198	107	0.05	ng	# 1
65) n-Nitrosodiphenylamine	13.54	169	5250	0.45	ng	# 40
70) Phenanthrene	14.69	178	2576	0.14	ng	# 59
71) Anthracene	14.82	178	137	0.01	ng	# 59
73) Di-n-butylphthalate	15.65	149	6137	0.30	ng	# 78
74) Fluoranthene	16.48	202	9962	0.53	ng	# 96
77) Pyrene	16.78	202	9553	0.49	ng	# 99
80) Benzo(a)anthracene	18.39	228	5245	0.35	ng	# 96
82) Chrysene	18.39	228	5245	0.35	ng	# 92
83) Bis(2-ethylhexyl)phthalate	18.43	149	1886	0.16	ng	# 94
84) Di-n-octyl phthalate	19.24	149	225	0.01	ng	# 1
85) Indeno(1,2,3-cd)pyrene	21.26	276	2545	0.20	ng	# 62
87) Benzo(b)fluoranthene	19.64	252	7312	0.70	ng	# 96
88) Benzo(k)fluoranthene	19.64	252	7312	0.73	ng	# 93
89) Benzo(a)pyrene	19.98	252	3636	0.38	ng	# 95
91) Benzo(g,h,i)perylene	21.59	276	2146	0.26	ng	# 69

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

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.40 min Scan# 996

Delta R.T. -0.00 min

Lab File: BF095685.D

Acq: 5 Jun 2017 21:36

Instrument :

BNA_F

ClientSampled :

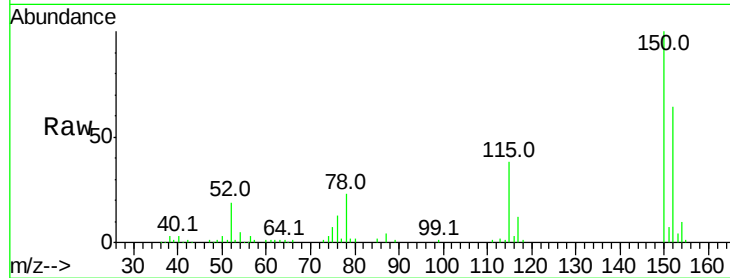
Tot Ion:152 Resp: 102126

Ion Ratio Lower Upper

152 100

150 155.7 126.2 189.2

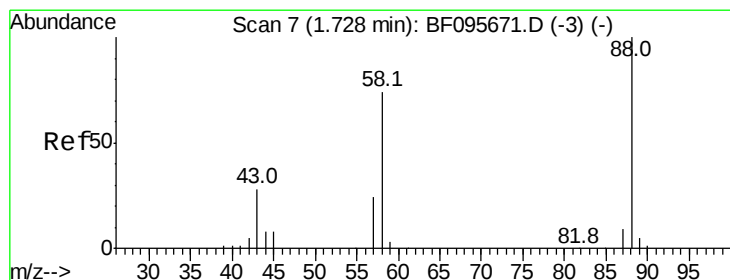
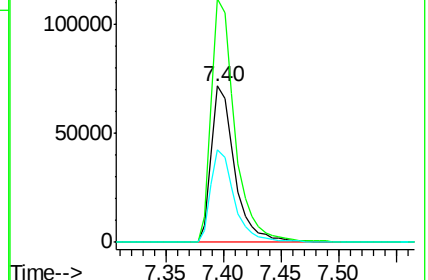
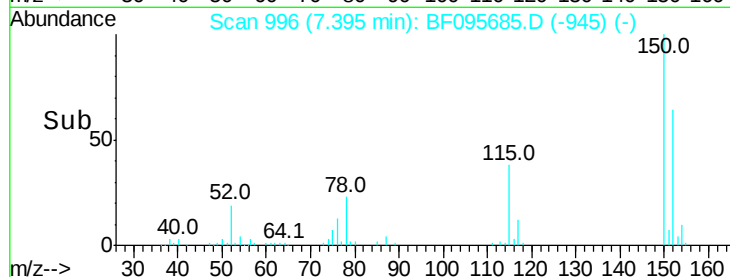
115 59.5 52.2 78.2



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: 2.63 ng

RT: 1.60 min Scan# 11

Delta R.T. -0.13 min

Lab File: BF095685.D

Acq: 5 Jun 2017 21:36

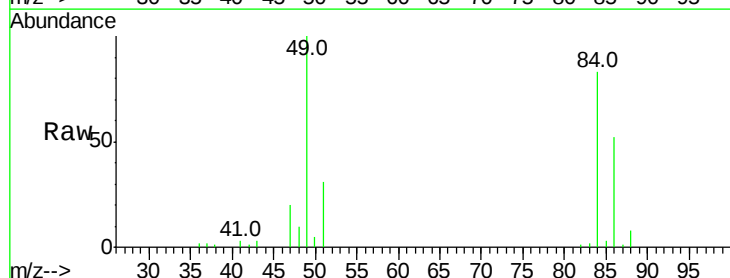
Tgt Ion: 88 Resp: 8019

Ion Ratio Lower Upper

88 100

58 3.4 61.4 92.0#

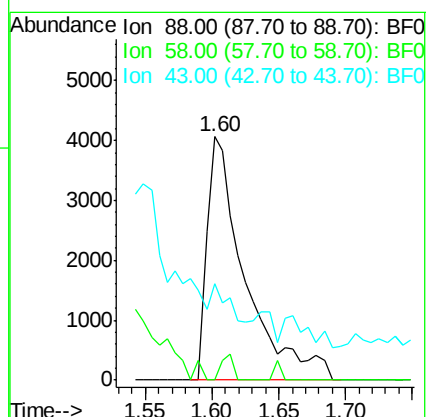
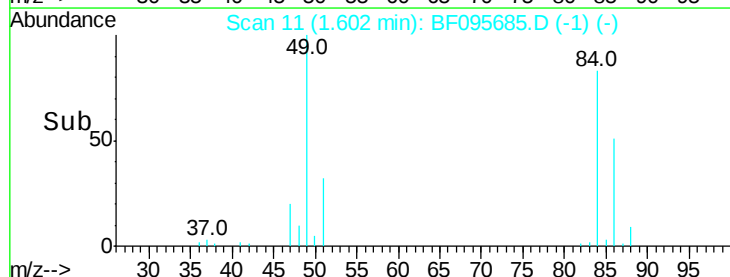
43 0.0 23.4 35.0#

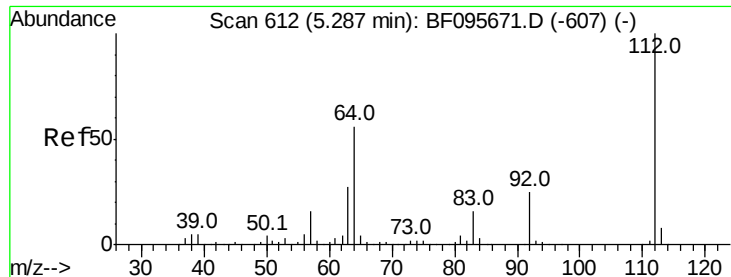


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 98.71 ng

RT: 5.30 min Scan# 639

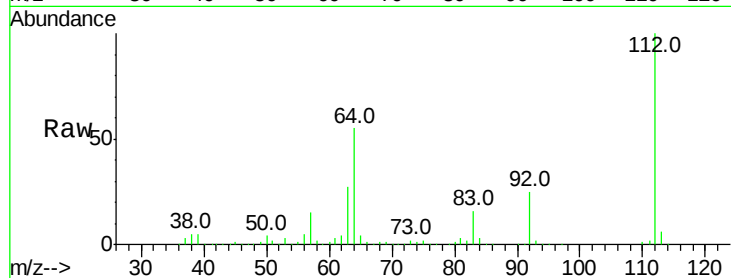
Delta R.T. 0.01 min

Lab File: BF095685.D

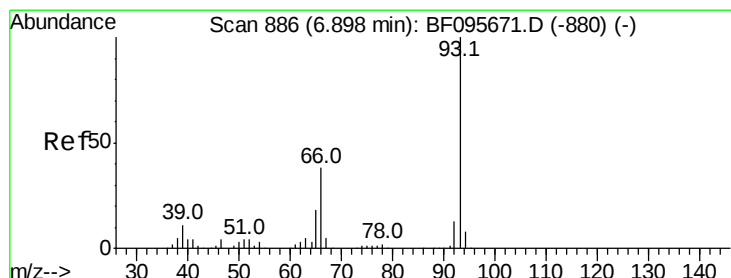
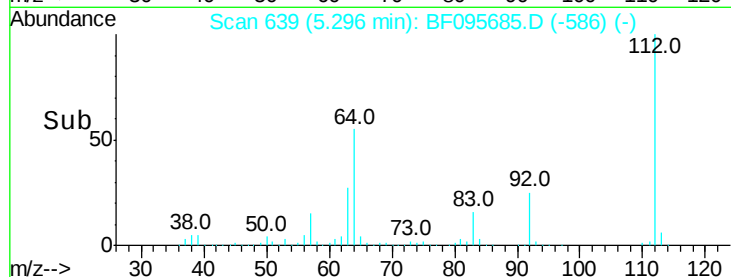
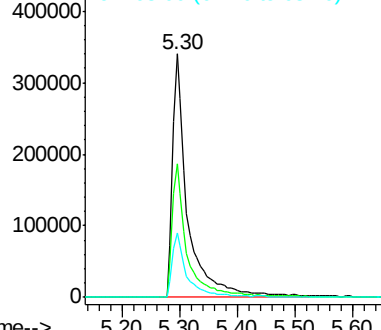
Acq: 5 Jun 2017 21:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	632672
Ion	Ratio	Lower	Upper
112	100		
64	55.0	46.0	69.0
63	26.5	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 0.07 ng

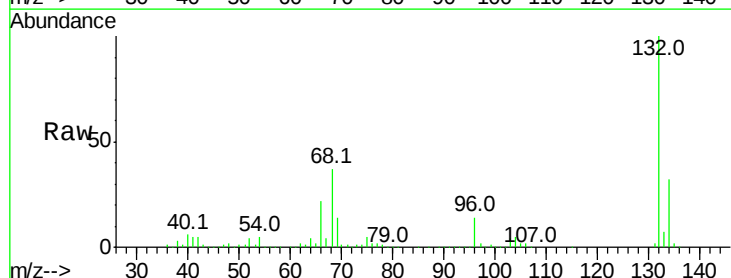
RT: 7.05 min Scan# 938

Delta R.T. 0.16 min

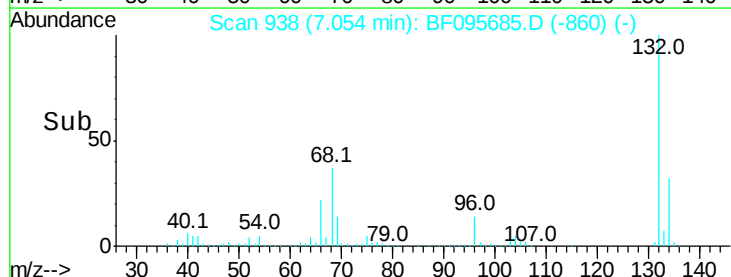
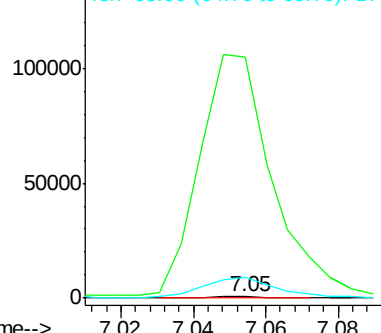
Lab File: BF095685.D

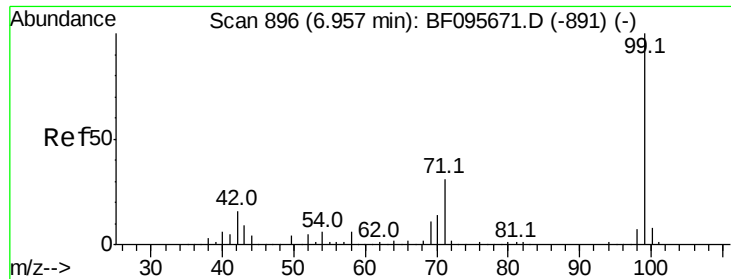
Acq: 5 Jun 2017 21:36

Tgt Ion:	93	Resp:	711
Ion	Ratio	Lower	Upper
93	100		
66	15261.7	32.9	49.3#
65	1301.2	16.0	24.0#



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 98.89 ng

RT: 6.95 min Scan# 920

Delta R.T. -0.01 min

Lab File: BF095685.D

Acq: 5 Jun 2017 21:36

Instrument :

BNA_F

ClientSampled :

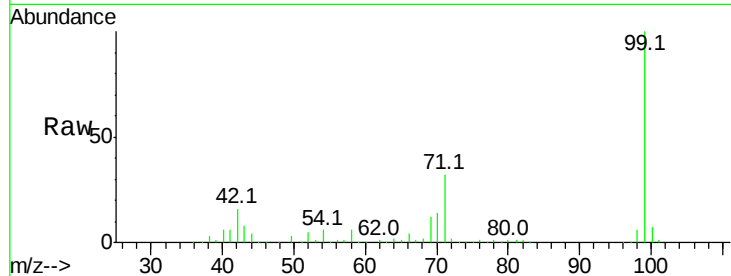
Tot Ion: 99 Resp: 758776

Ion Ratio Lower Upper

99 100

42 16.4 13.5 20.3

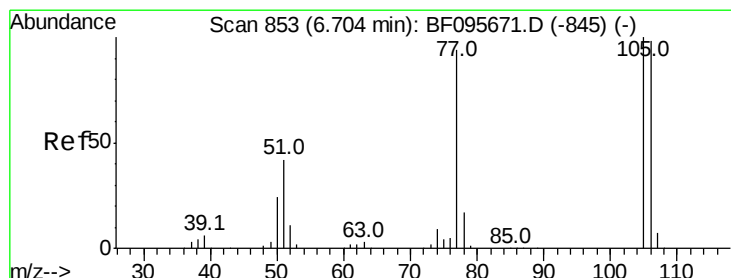
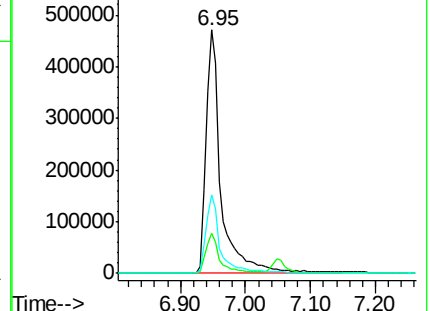
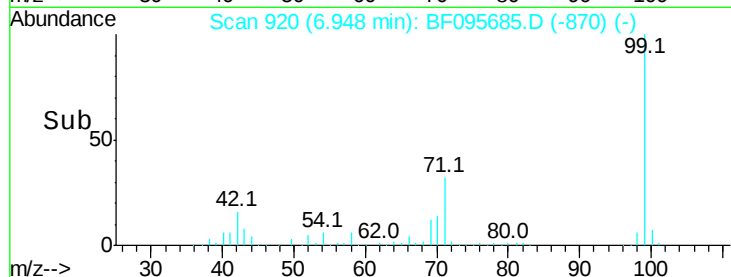
71 32.4 24.5 36.7



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: 0.14 ng

RT: 6.95 min Scan# 920

Delta R.T. 0.24 min

Lab File: BF095685.D

Acq: 5 Jun 2017 21:36

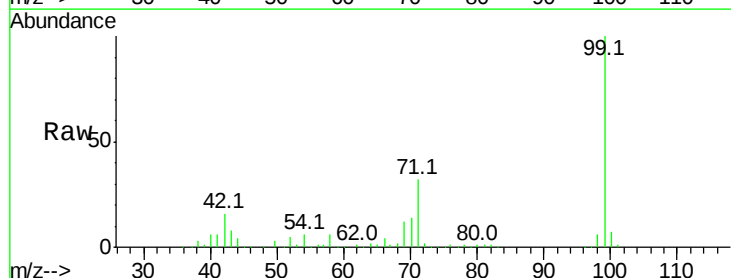
Tgt Ion: 77 Resp: 733

Ion Ratio Lower Upper

77 100

105 0.0 83.8 123.8#

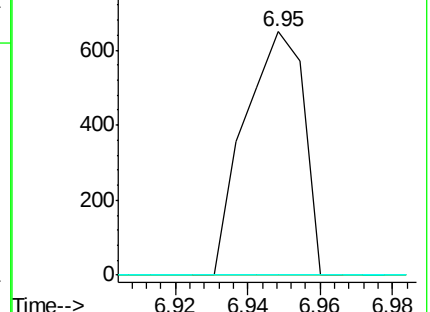
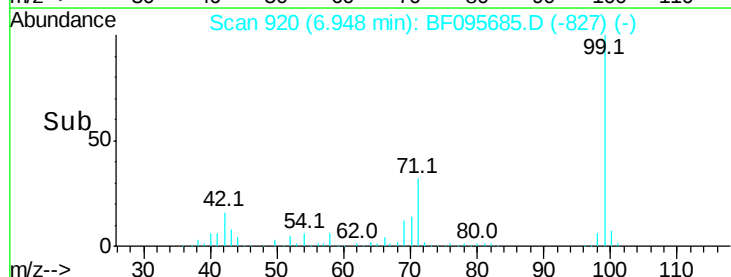
106 0.0 79.1 119.1#

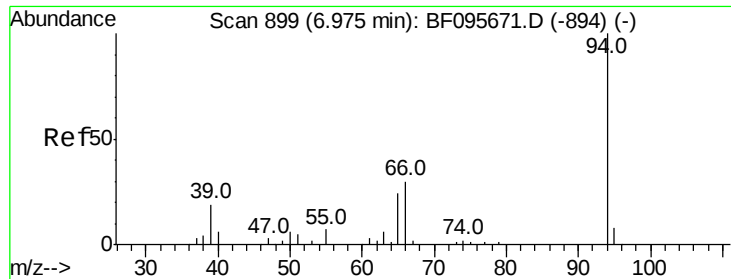


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 1.38 ng

RT: 6.97 min Scan# 924

Delta R.T. -0.00 min

Lab File: BF095685.D

Acq: 5 Jun 2017 21:36

Instrument :

BNA_F

ClientSampleId :

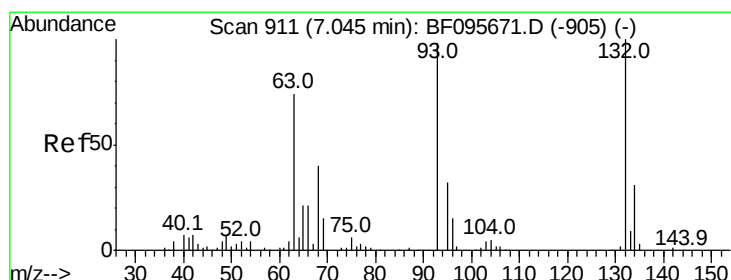
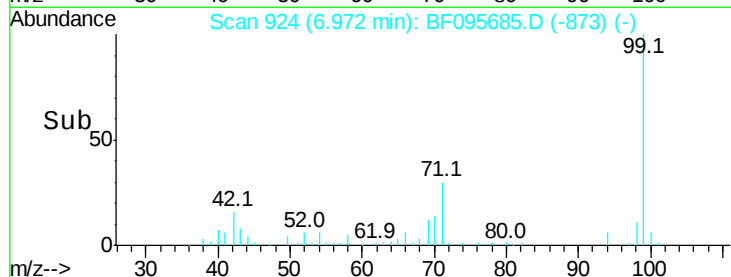
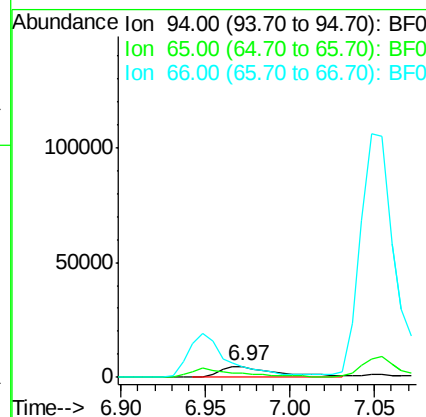
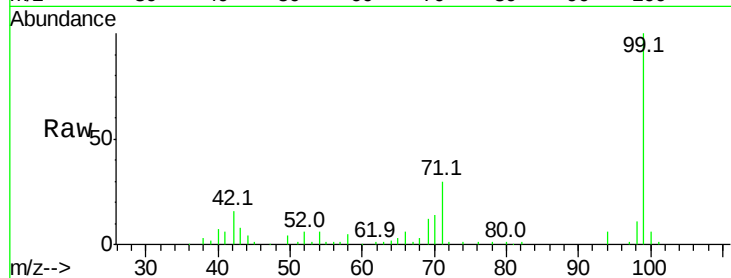
Tot Ion: 94 Resp: 11007

Ion Ratio Lower Upper

94 100

65 40.3 9.9 49.9

66 98.0 23.1 63.1#



#11

bis(2-Chloroethyl)ether

Concen: 0.11 ng

RT: 7.05 min Scan# 938

Delta R.T. 0.01 min

Lab File: BF095685.D

Acq: 5 Jun 2017 21:36

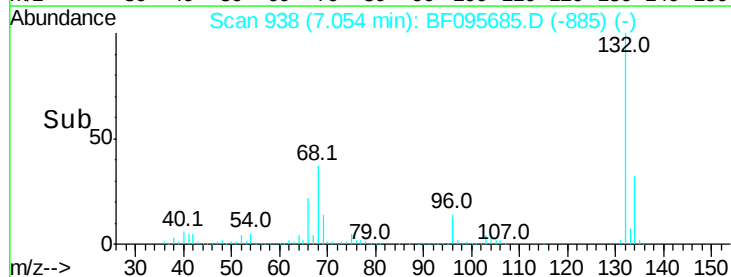
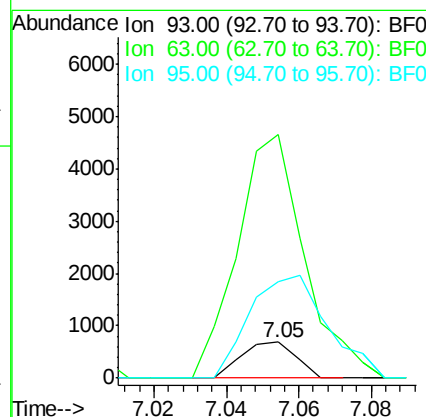
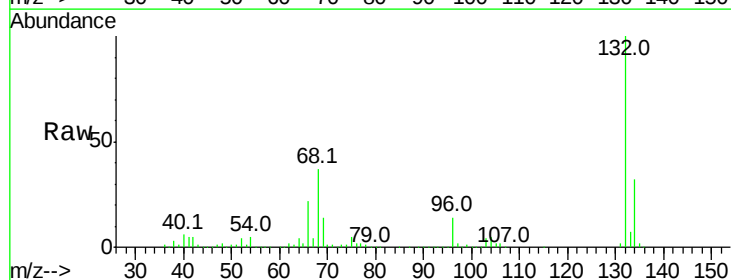
Tgt Ion: 93 Resp: 711

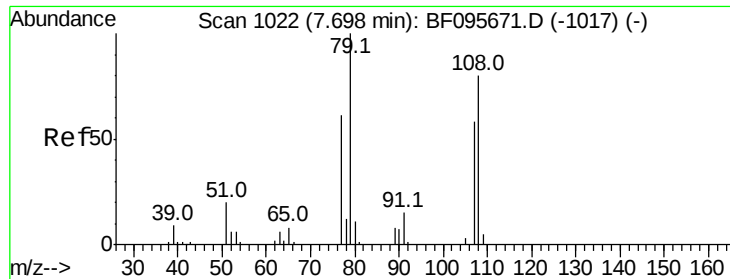
Ion Ratio Lower Upper

93 100

63 677.4 59.2 99.2#

95 270.0 12.8 52.8#





#15

Benzyl Alcohol

Concen: 1.48 ng

RT: 7.63 min Scan# 1036

Delta R.T. -0.07 min

Lab File: BF095685.D

Acq: 5 Jun 2017 21:36

Instrument :

BNA_F

ClientSampleId :

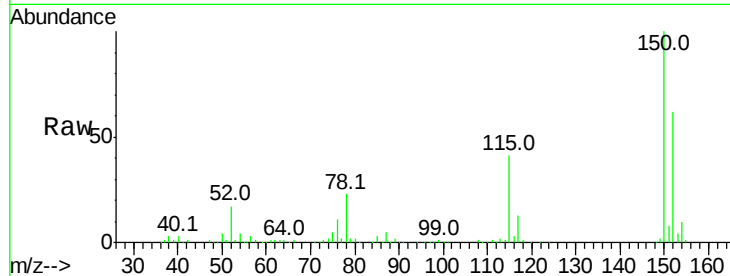
Tot Ion: 79 Resp: 7805

Ion Ratio Lower Upper

79 100

108 35.3 63.4 95.0#

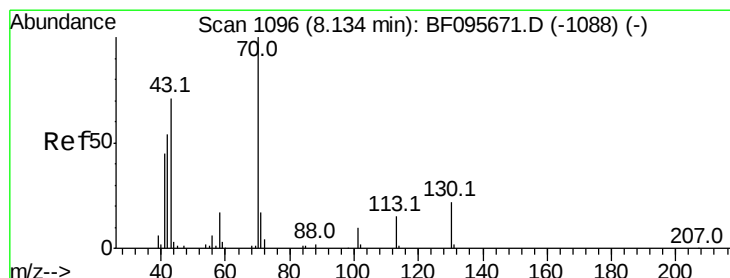
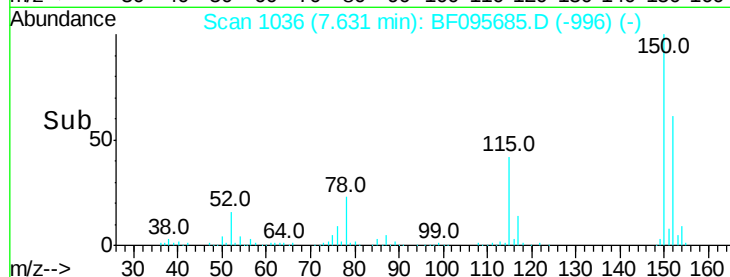
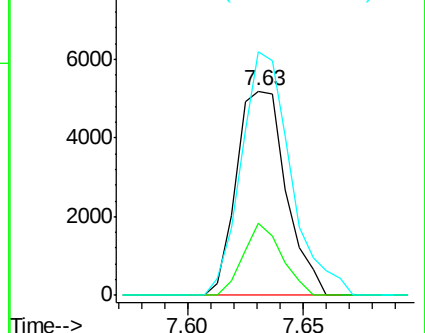
77 119.4 49.2 73.8#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 12.06 ng

RT: 8.31 min Scan# 1151

Delta R.T. 0.17 min

Lab File: BF095685.D

Acq: 5 Jun 2017 21:36

Tgt Ion: 70 Resp: 58634

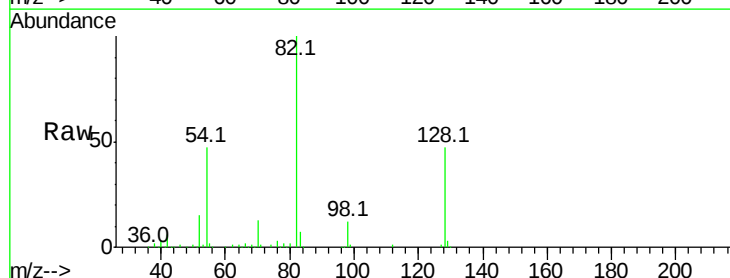
Ion Ratio Lower Upper

70 100

42 44.9 47.2 70.8#

101 0.0 7.2 10.8#

130 2.2 15.9 23.9#

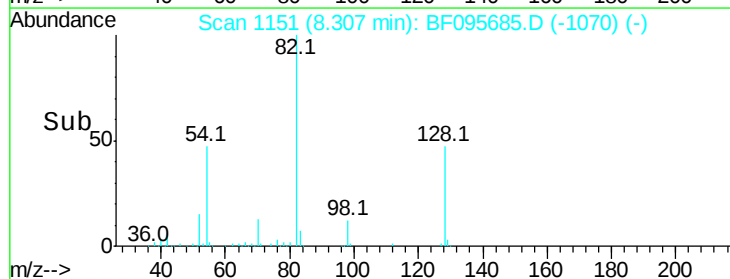
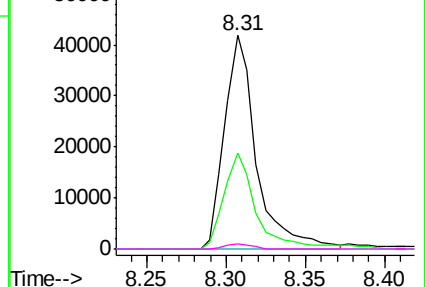


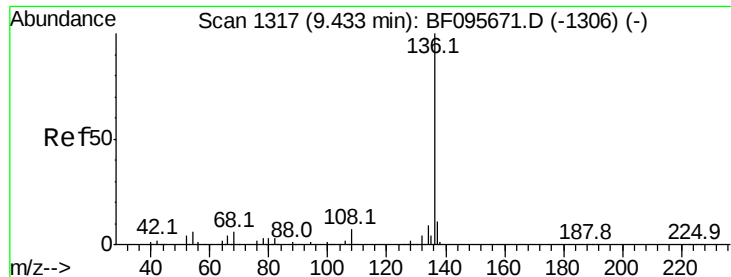
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.43 min Scan# 1342

Delta R.T. -0.00 min

Lab File: BF095685.D

Acq: 5 Jun 2017 21:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136 Resp: 438989

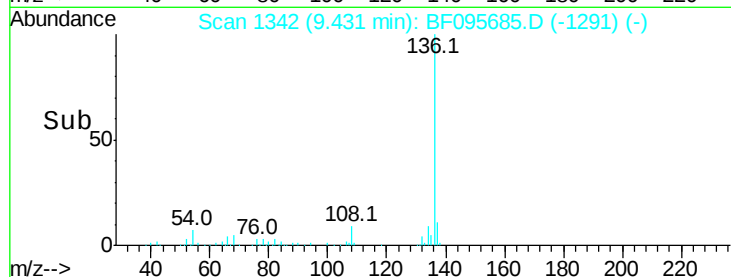
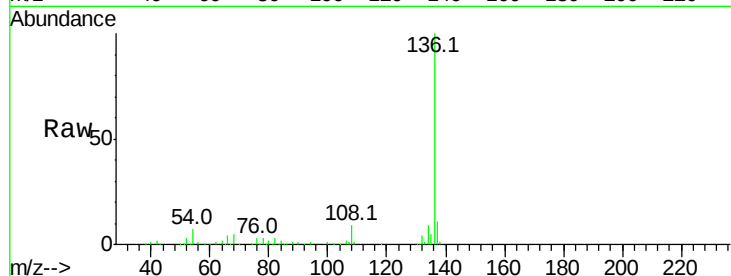
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 6.8 4.9 7.3

68 5.2 4.1 6.1

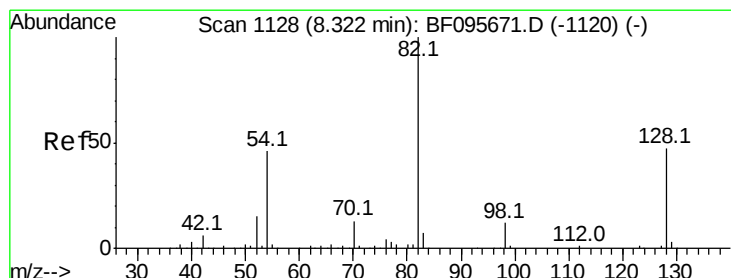
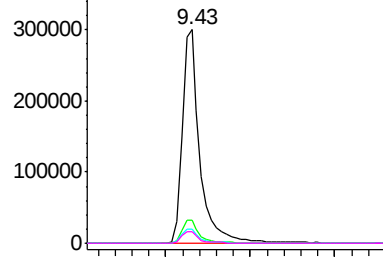


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 67.13 ng

RT: 8.31 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BF095685.D

Acq: 5 Jun 2017 21:36

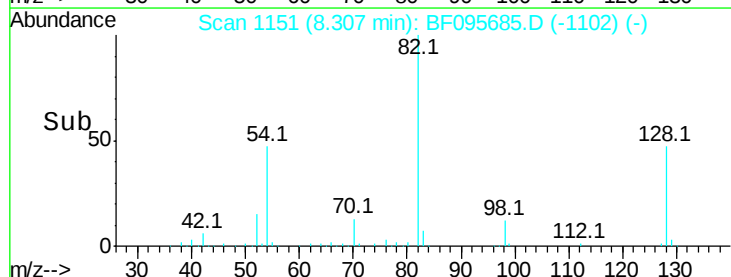
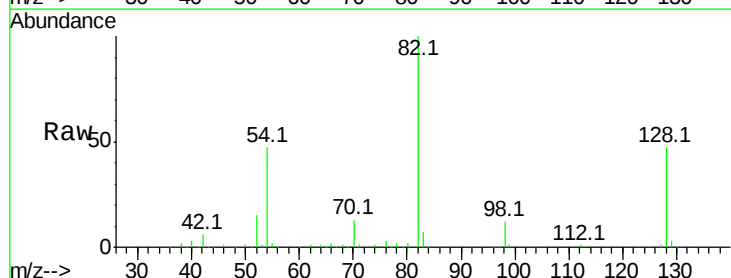
Tgt Ion: 82 Resp: 474493

Ion Ratio Lower Upper

82 100

128 46.9 34.0 51.0

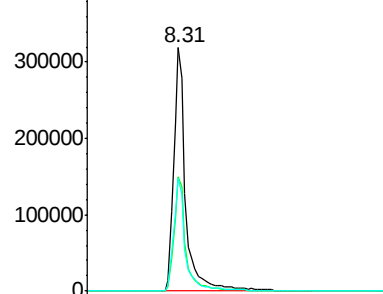
54 46.6 42.2 63.2

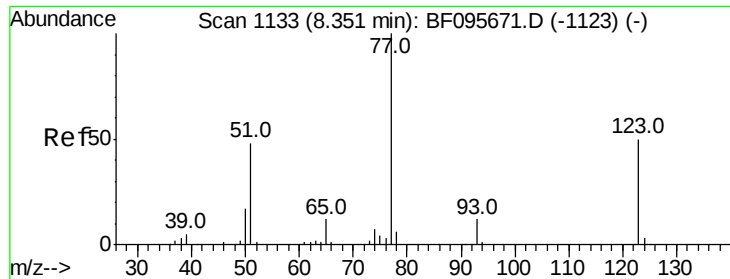


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

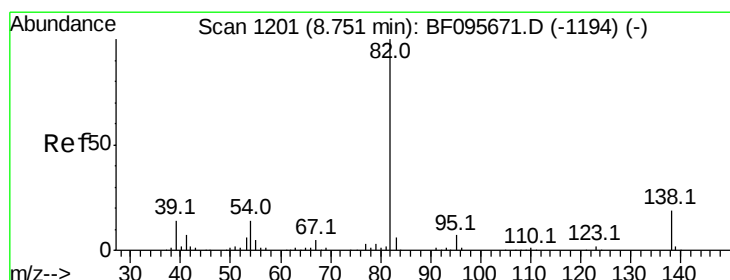
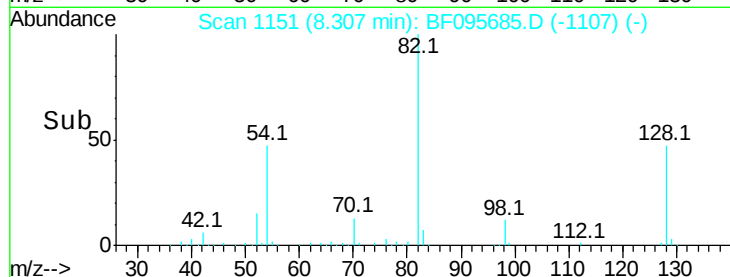
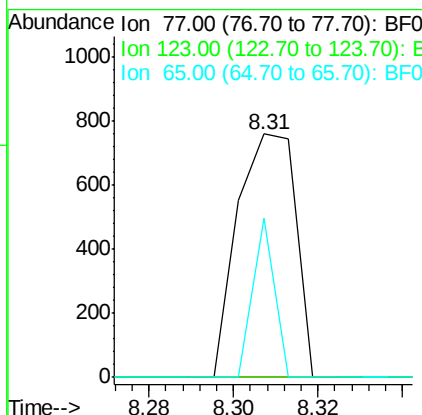
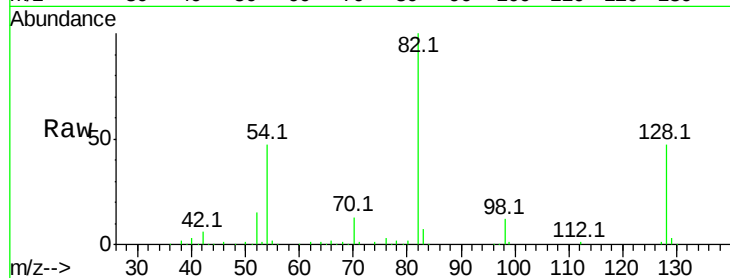




#24
Nitrobenzene
Concen: 0.10 ng
RT: 8.31 min Scan# 1151
Delta R.T. -0.04 min
Lab File: BF095685.D
Acq: 5 Jun 2017 21:36

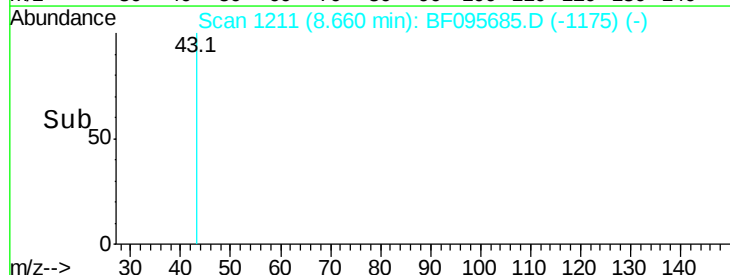
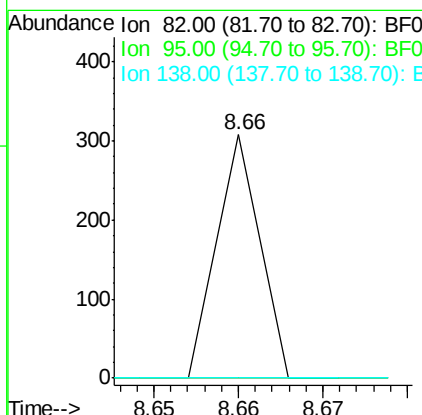
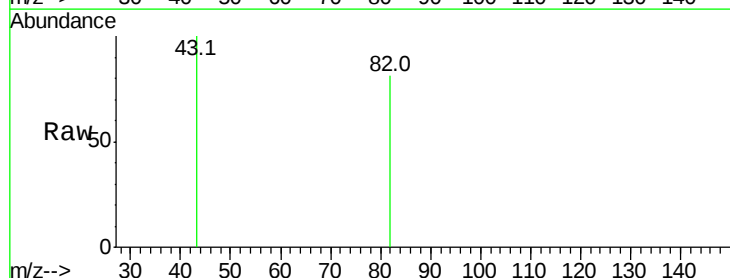
Instrument :
BNA_F
ClientSampled :

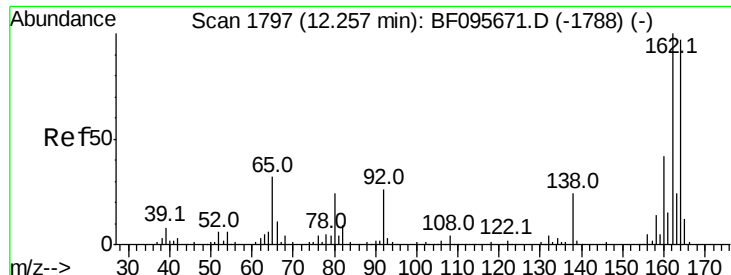
Tot Ion: 77 Resp: 727
Ion Ratio Lower Upper
77 100
123 0.0 35.8 53.8#
65 65.3 10.6 15.8#



#25
Isophorone
Concen: 0.01 ng
RT: 8.66 min Scan# 1211
Delta R.T. -0.09 min
Lab File: BF095685.D
Acq: 5 Jun 2017 21:36

Tgt Ion: 82 Resp: 109
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 13.1 19.7#

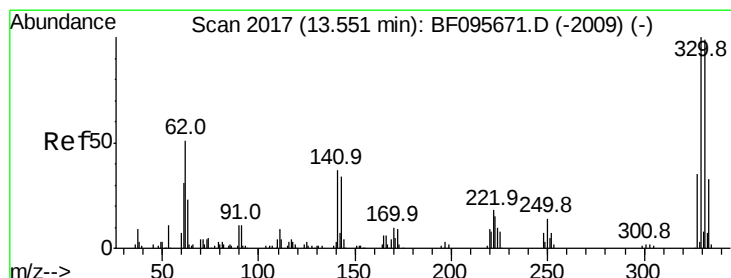
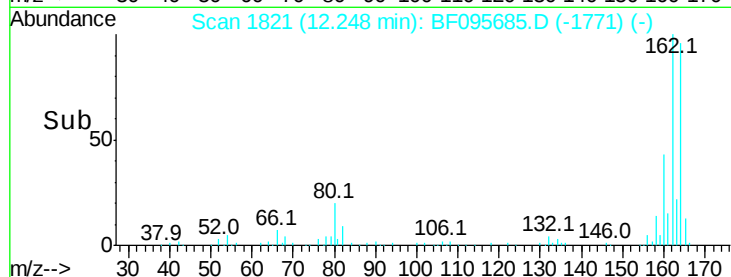
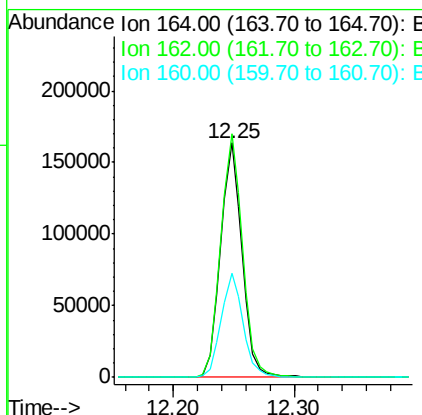
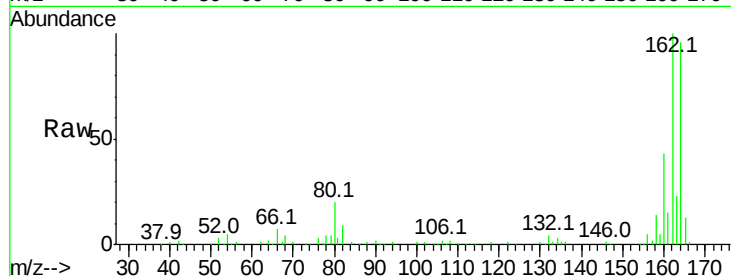




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.25 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: BF095685.D
 Acq: 5 Jun 2017 21:36

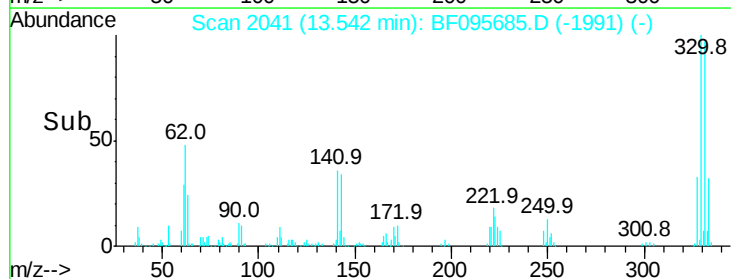
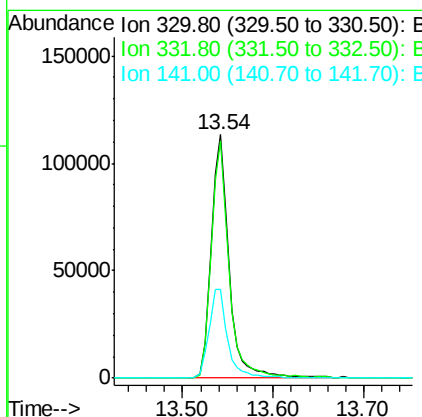
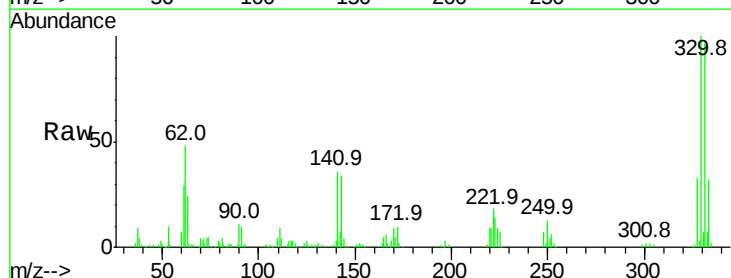
Instrument :
 BNA_F
 ClientSampleId :

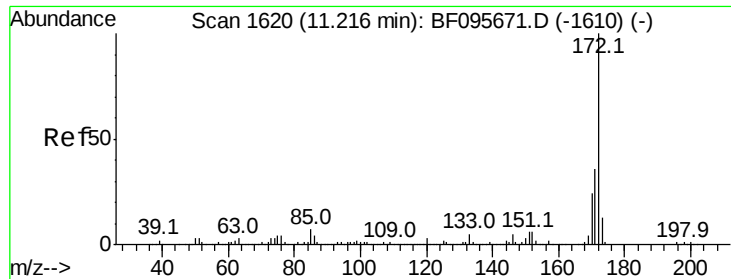
Tot Ion:164 Resp: 199996
 Ion Ratio Lower Upper
 164 100
 162 103.8 82.6 123.8
 160 44.2 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 88.03 ng
 RT: 13.54 min Scan# 2041
 Delta R.T. -0.01 min
 Lab File: BF095685.D
 Acq: 5 Jun 2017 21:36

Tgt Ion:330 Resp: 155769
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.6 115.0
 141 38.6 31.4 47.2

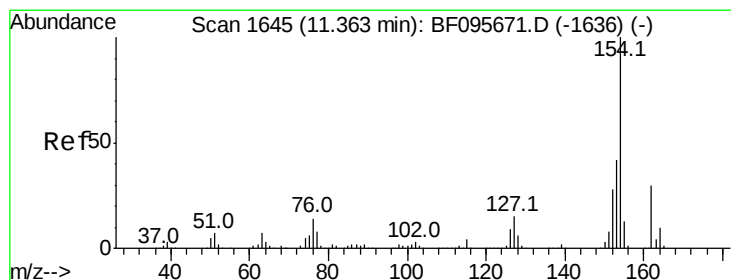
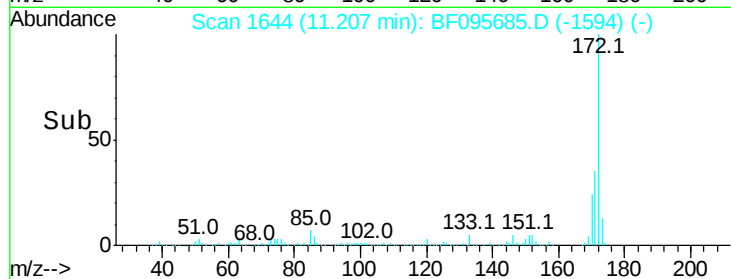
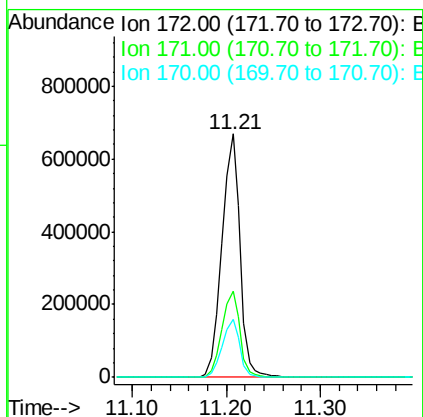
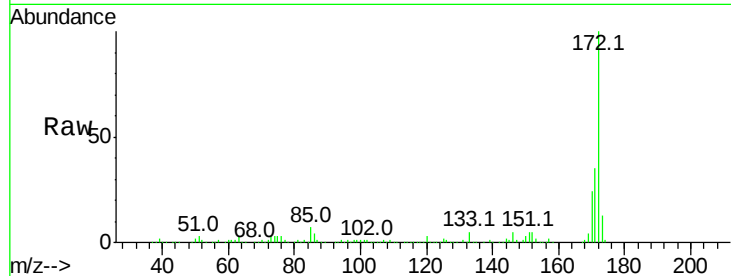




#44
2-Fluorobiphenyl
Concen: 62.56 ng
RT: 11.21 min Scan# 1644
Delta R.T. -0.01 min
Lab File: BF095685.D
Acq: 5 Jun 2017 21:36

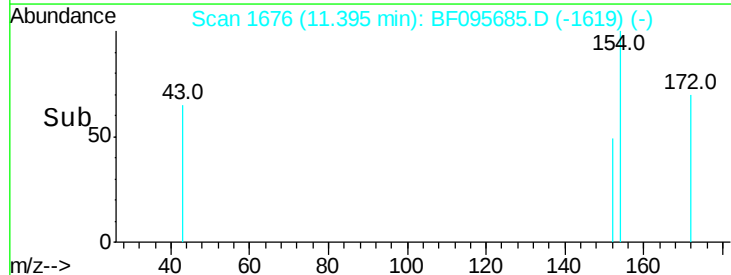
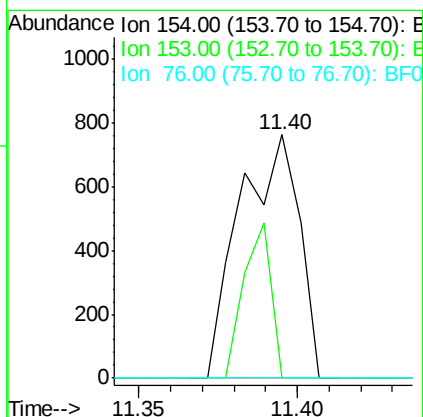
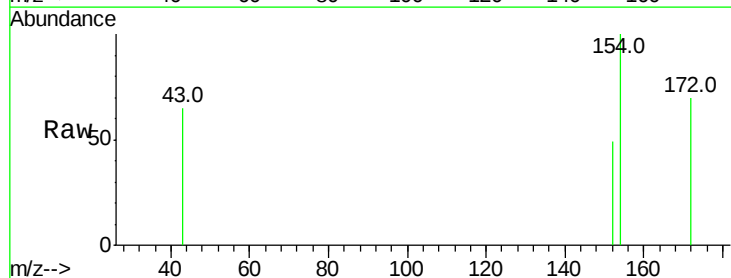
Instrument :
BNA_F
ClientSampled :

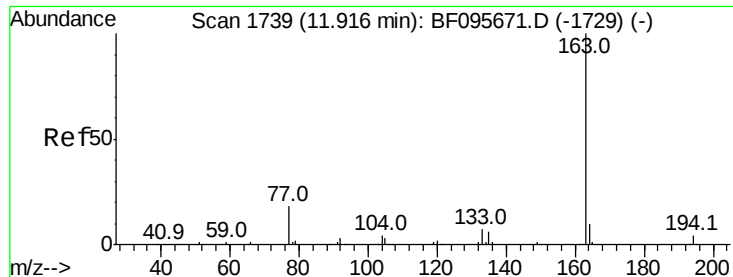
Tot Ion:172 Resp: 899065
Ion Ratio Lower Upper
172 100
171 35.2 29.6 44.4
170 24.1 19.8 29.8



#45
1,1'-Biphenyl
Concen: 0.06 ng
RT: 11.40 min Scan# 1676
Delta R.T. 0.03 min
Lab File: BF095685.D
Acq: 5 Jun 2017 21:36

Tgt Ion:154 Resp: 988
Ion Ratio Lower Upper
154 100
153 0.0 21.2 61.2#
76 0.0 0.0 29.9





#49

Dimethylphthalate

Concen: 16.64 ng

RT: 11.90 min Scan# 1762

Delta R.T. -0.01 min

Lab File: BF095685.D

Acq: 5 Jun 2017 21:36

Instrument :

BNA_F

ClientSampleId :

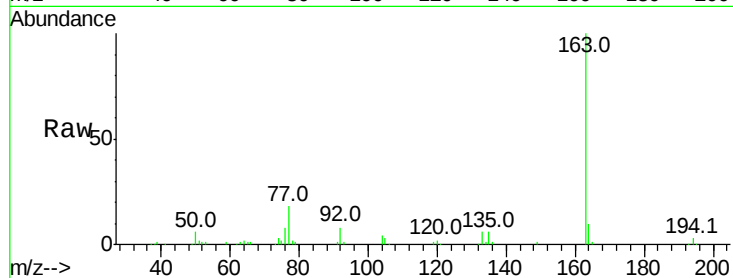
Tot Ion:163 Resp: 252671

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

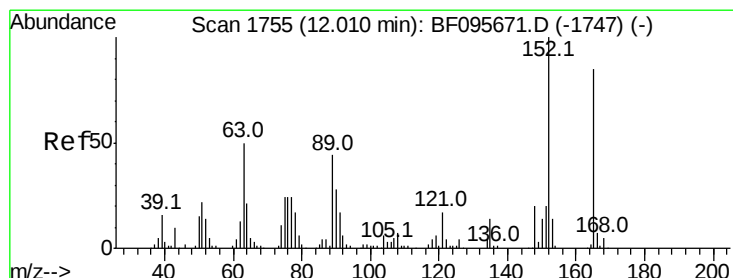
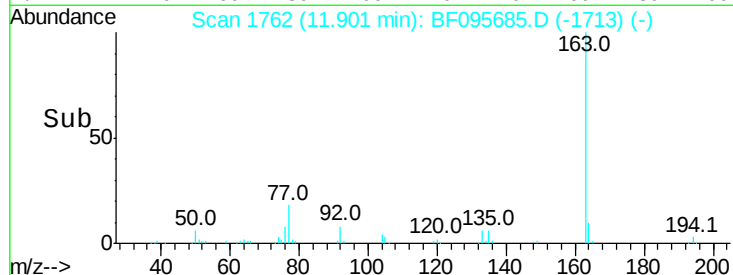
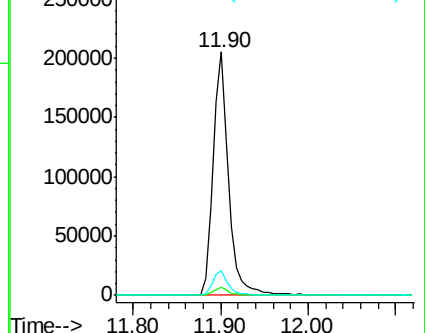
164 10.1 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 0.72 ng

RT: 11.90 min Scan# 1762

Delta R.T. -0.11 min

Lab File: BF095685.D

Acq: 5 Jun 2017 21:36

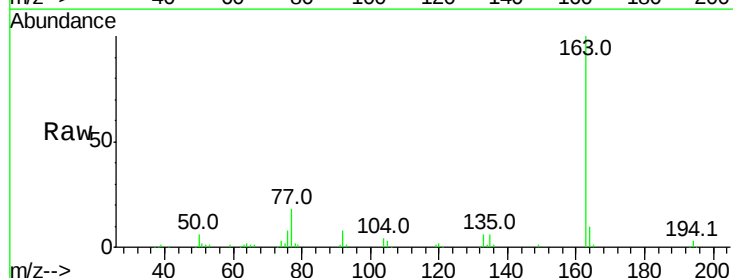
Tgt Ion:165 Resp: 2370

Ion Ratio Lower Upper

165 100

63 131.3 34.3 51.5#

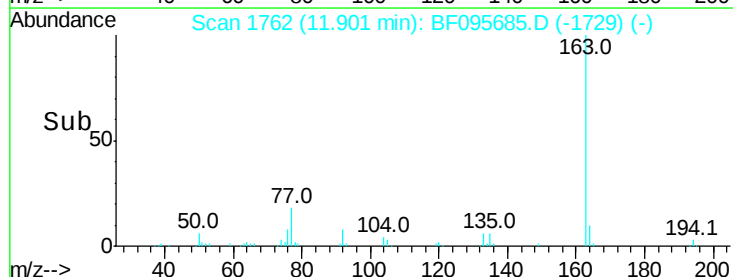
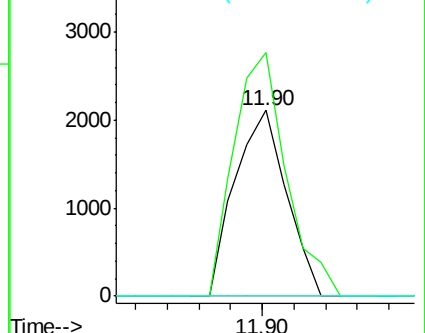
89 0.0 37.1 55.7#

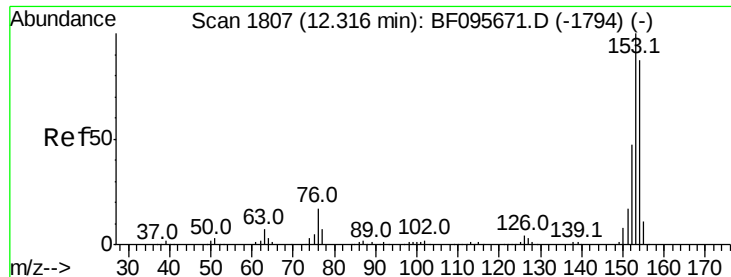


Abundance Ion 165.00 (164.70 to 165.70): E

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: 12.25 min Scan# 1822

Delta R.T. -0.06 min

Lab File: BF095685.D

Acq: 5 Jun 2017 21:36

Instrument :

BNA_F

ClientSampleId :

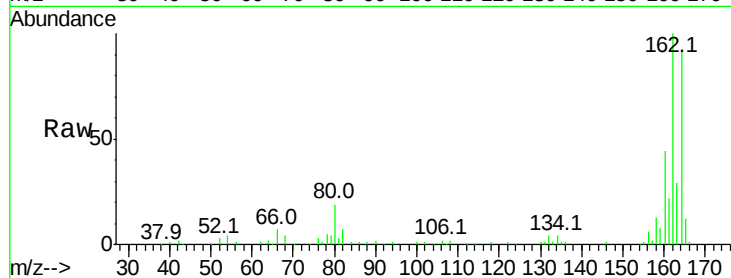
Tot Ion:154 Resp: 443

Ion Ratio Lower Upper

154 100

153 0.0 90.5 135.7#

152 0.0 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

12.25

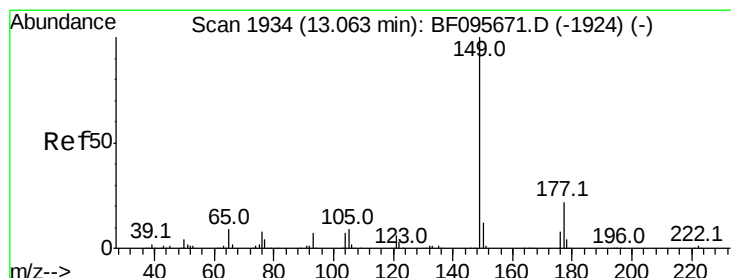
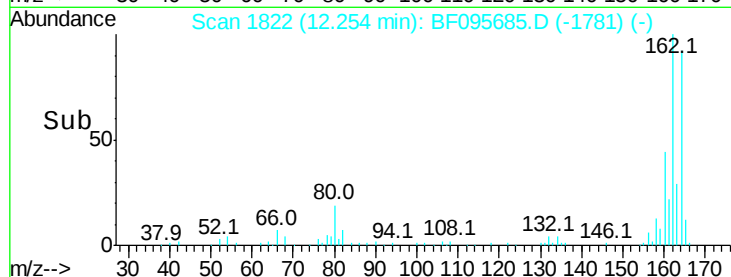
400

200

0

12.22 12.24 12.26

Time-->



#59

Diethylphthalate

Concen: 0.55 ng

RT: 13.05 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BF095685.D

Acq: 5 Jun 2017 21:36

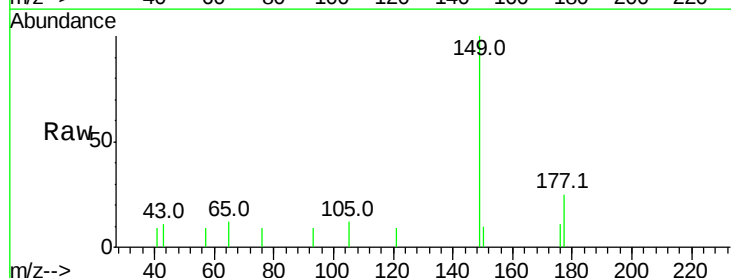
Tgt Ion:149 Resp: 8011

Ion Ratio Lower Upper

149 100

177 24.5 16.7 25.1

150 9.9 10.2 15.2#



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

13.05

5000

4000

3000

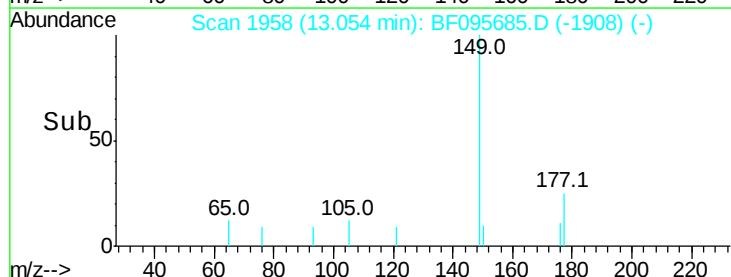
2000

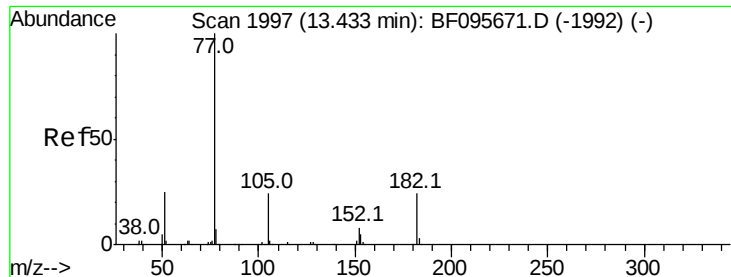
1000

0

13.00 13.05 13.10

Time-->

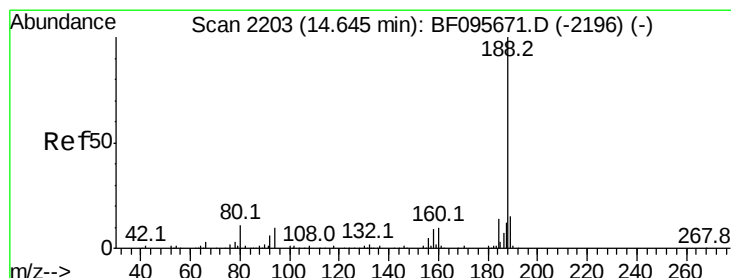
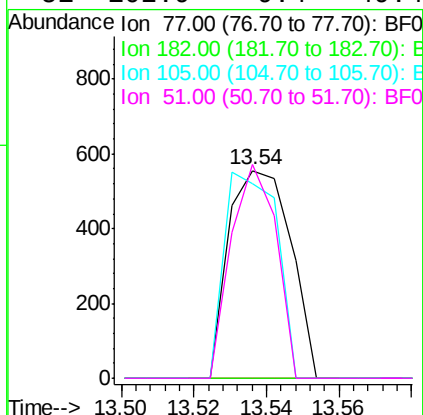
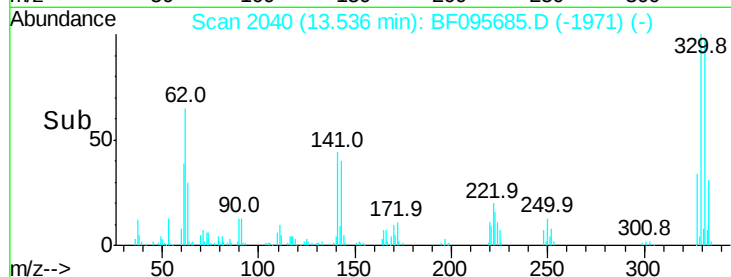
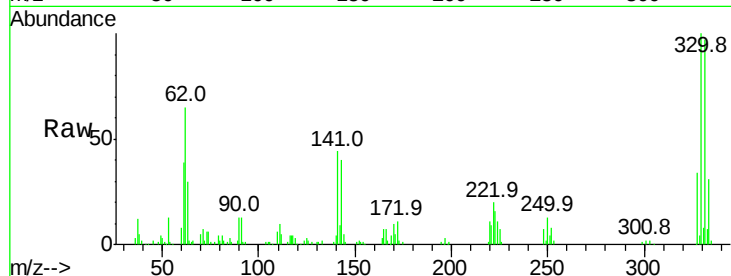




#62
Azobenzene
Concen: 0.05 ng
RT: 13.54 min Scan# 2040
Delta R.T. 0.10 min
Lab File: BF095685.D
Acq: 5 Jun 2017 21:36

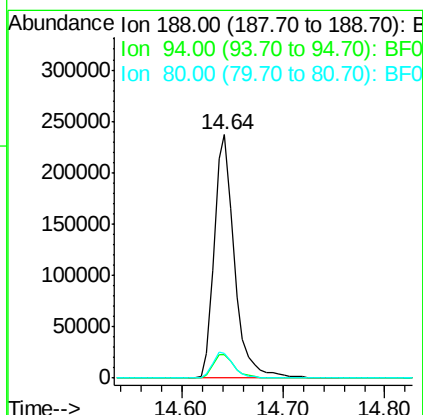
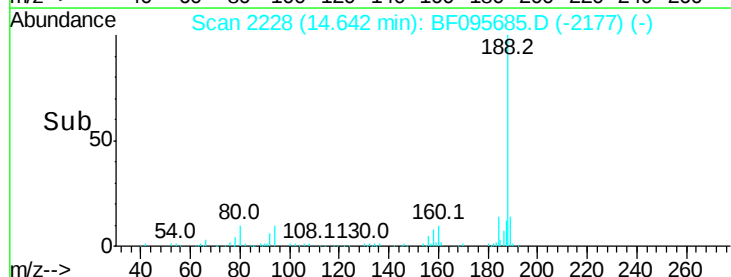
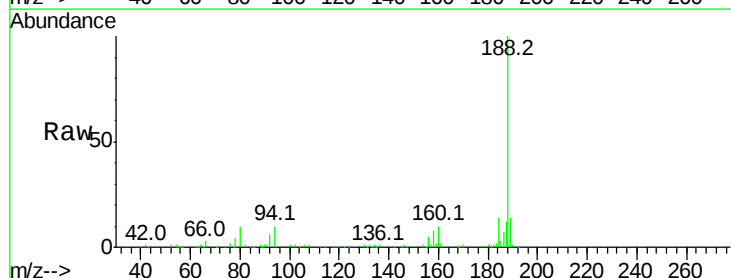
Instrument :
BNA_F
ClientSampleId :

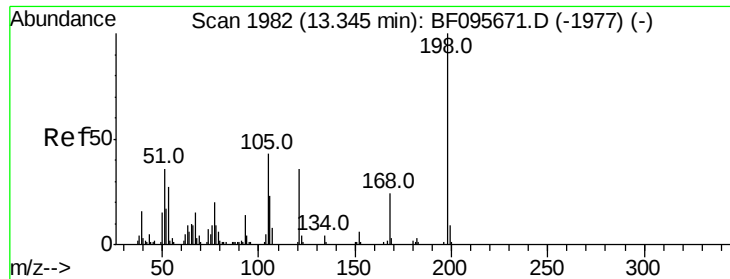
Tot Ion: 77 Resp: 658
Ion Ratio Lower Upper
77 100
182 0.0 0.1 40.1#
105 94.1 3.6 43.6#
51 102.9 9.4 49.4#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.64 min Scan# 2228
Delta R.T. -0.00 min
Lab File: BF095685.D
Acq: 5 Jun 2017 21:36

Tgt Ion: 188 Resp: 327975
Ion Ratio Lower Upper
188 100
94 9.7 9.4 14.2
80 10.4 10.2 15.2

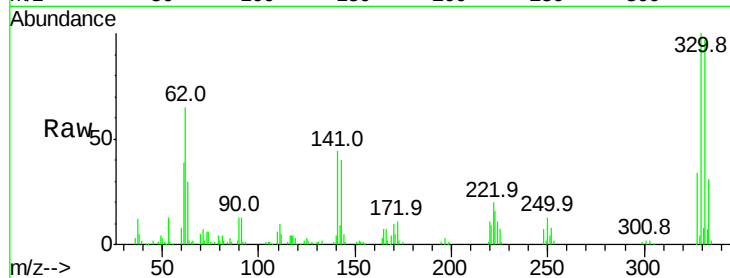




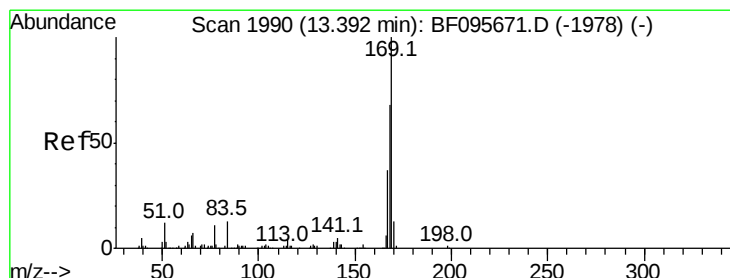
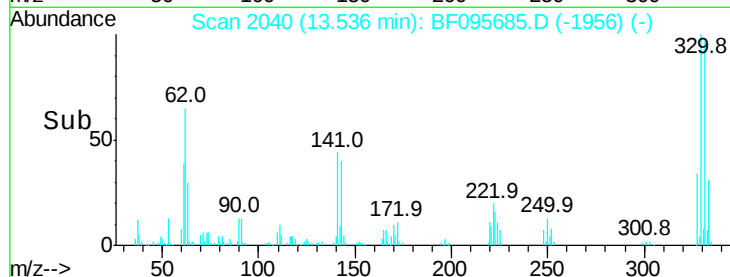
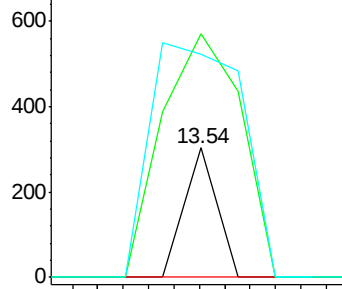
#64
4,6-Dinitro-2-methylphenol
Concen: 0.05 ng
RT: 13.54 min Scan# 2040
Delta R.T. 0.19 min
Lab File: BF095685.D
Acq: 5 Jun 2017 21:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 107
Ion Ratio Lower Upper
198 100
51 188.4 53.2 93.2#
105 172.3 45.8 85.8#

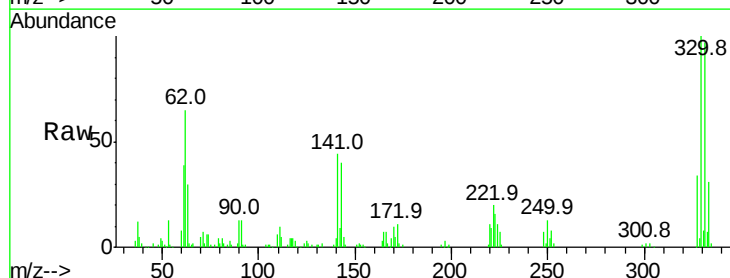


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

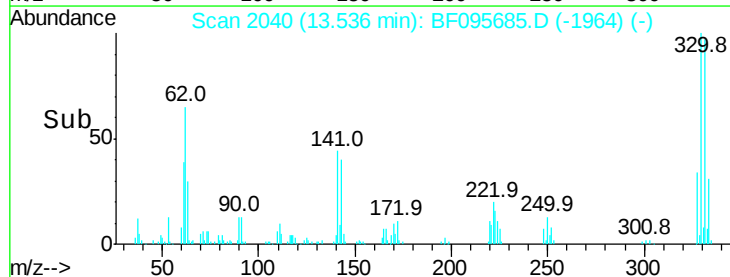
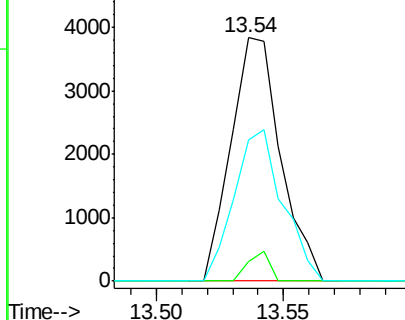


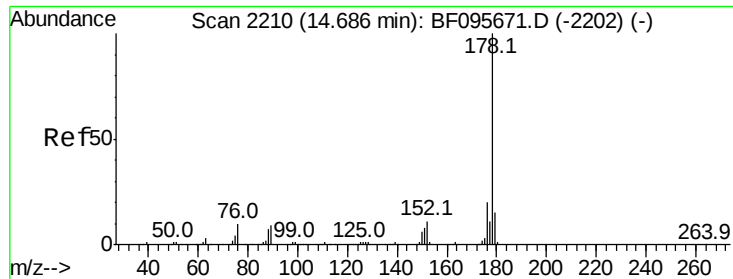
#65
n-Nitrosodiphenylamine
Concen: 0.45 ng
RT: 13.54 min Scan# 2040
Delta R.T. 0.14 min
Lab File: BF095685.D
Acq: 5 Jun 2017 21:36

Tgt Ion:169 Resp: 5250
Ion Ratio Lower Upper
169 100
168 8.3 53.2 79.8#
167 58.0 29.5 44.3#



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





#70

Phenanthrene

Concen: 0.14 ng

RT: 14.69 min Scan# 2236

Delta R.T. 0.00 min

Lab File: BF095685.D

Acq: 5 Jun 2017 21:36

Instrument :

BNA_F

ClientSampleId :

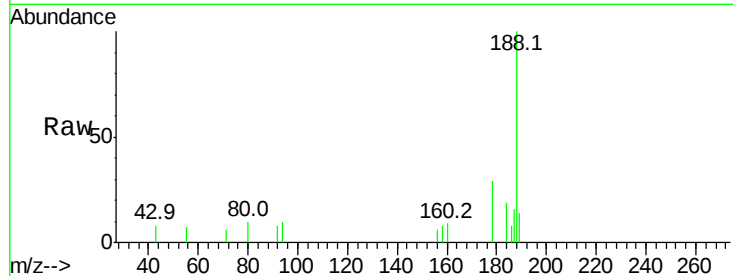
Tot Ion:178 Resp: 2576

Ion Ratio Lower Upper

178 100

176 0.0 16.2 24.4#

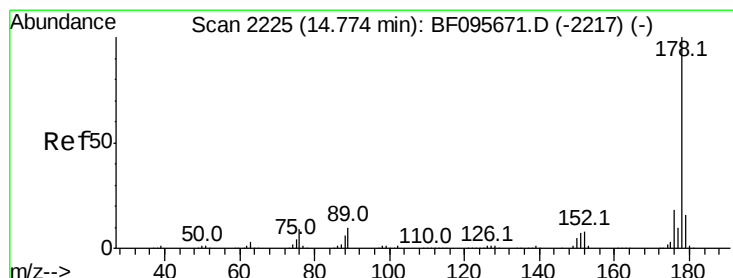
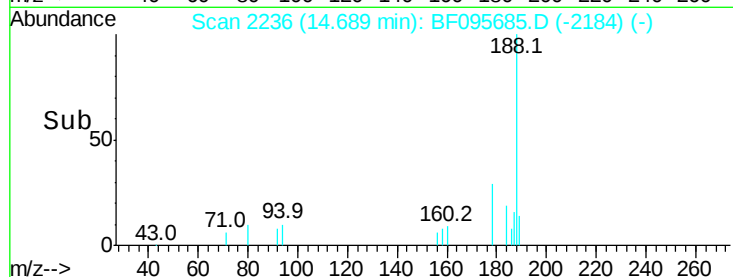
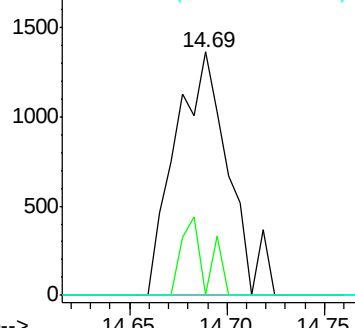
179 0.0 12.6 19.0#



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: 14.82 min Scan# 2259

Delta R.T. 0.05 min

Lab File: BF095685.D

Acq: 5 Jun 2017 21:36

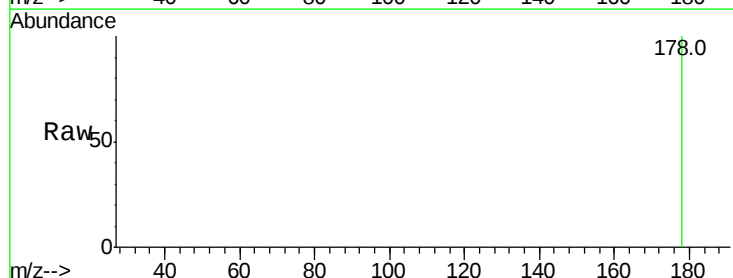
Tgt Ion:178 Resp: 137

Ion Ratio Lower Upper

178 100

176 0.0 15.8 23.8#

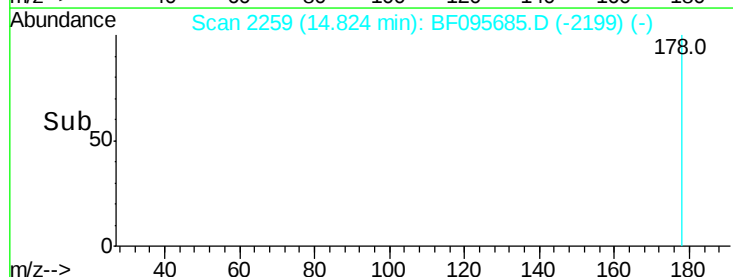
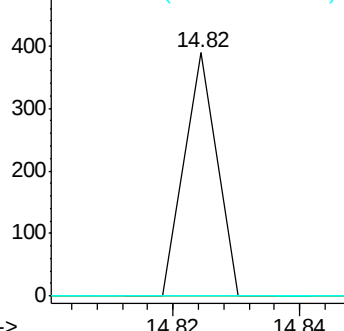
179 0.0 12.7 19.1#

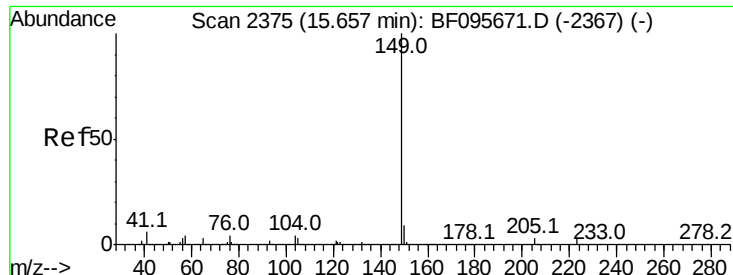


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Di-n-butylphthalate

Concen: 0.30 ng

RT: 15.65 min Scan# 2400

Delta R.T. -0.00 min

Lab File: BF095685.D

Acq: 5 Jun 2017 21:36

Instrument :

BNA_F

ClientSampleId :

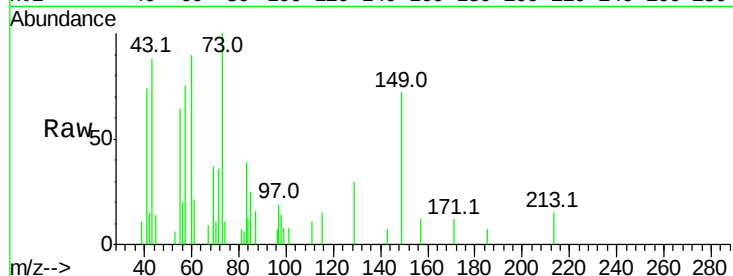
Tot Ion:149 Resp: 6137

Ion Ratio Lower Upper

149 100

150 0.0 7.7 11.5#

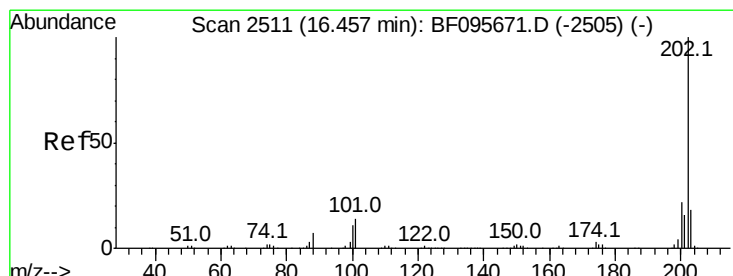
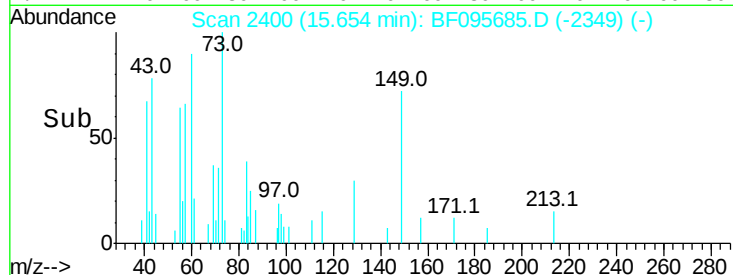
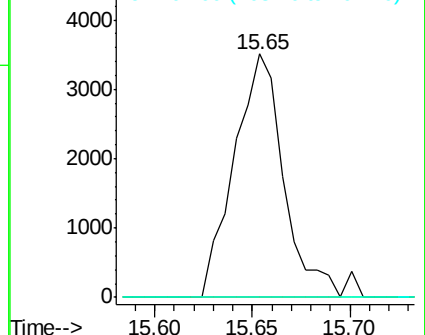
104 0.0 4.0 6.0#



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: 0.53 ng

RT: 16.48 min Scan# 2540

Delta R.T. 0.02 min

Lab File: BF095685.D

Acq: 5 Jun 2017 21:36

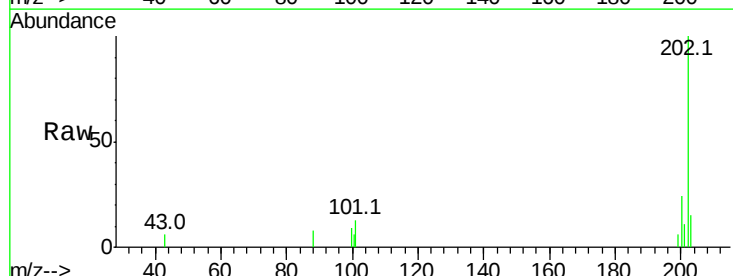
Tgt Ion:202 Resp: 9962

Ion Ratio Lower Upper

202 100

101 12.9 0.0 33.2

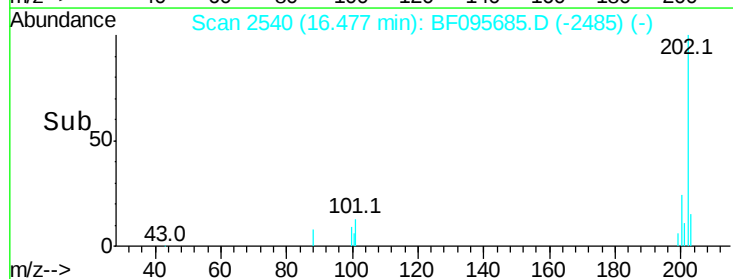
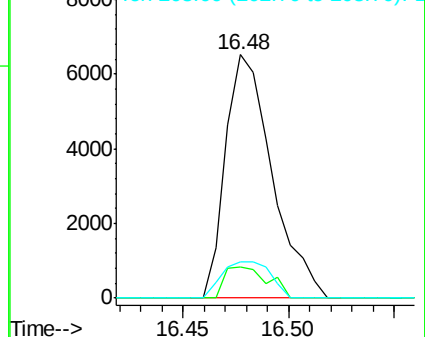
203 15.0 0.0 38.1

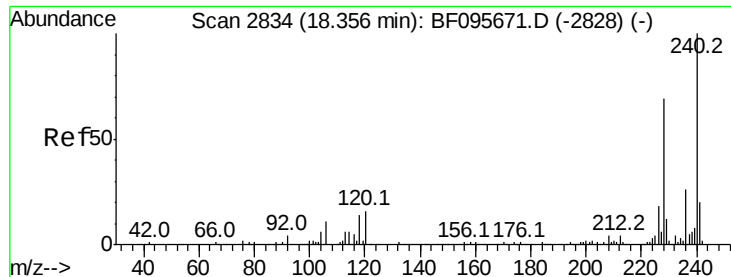


Abundance Ion 202.00 (201.70 to 202.70): E

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# 2858

Delta R.T. -0.01 min

Lab File: BF095685.D

Acq: 5 Jun 2017 21:36

Instrument :

BNA_F

ClientSampled :

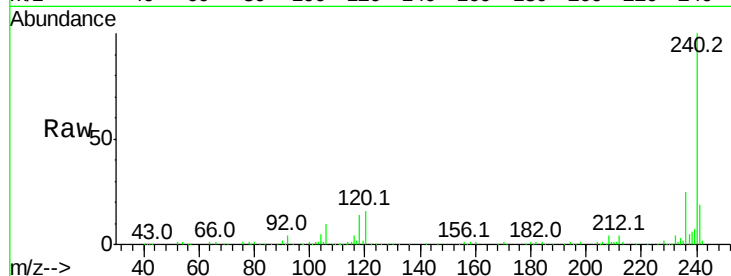
Tot Ion:240 Resp: 260683

Ion Ratio Lower Upper

240 100

120 15.9 5.8 8.8#

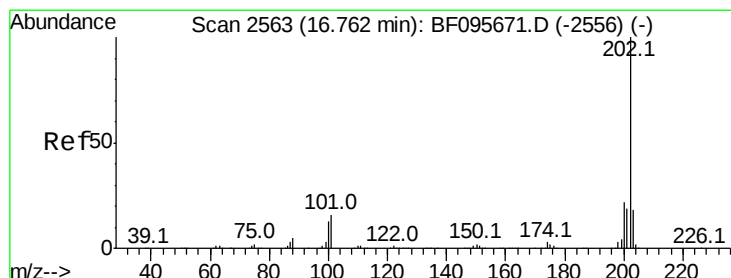
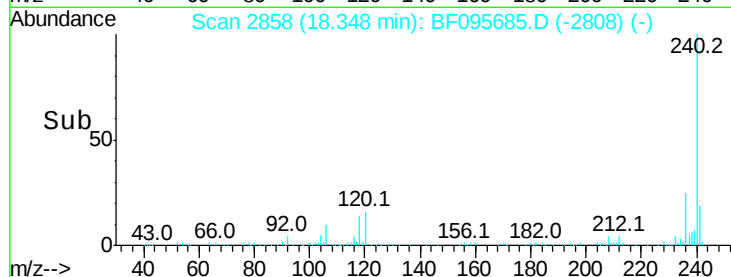
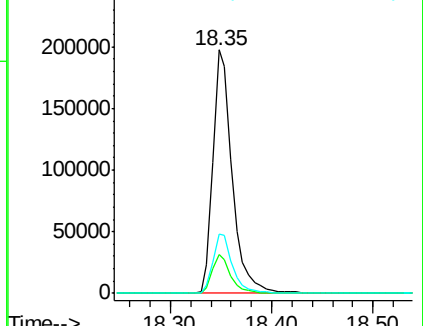
236 24.6 20.5 30.7



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



#77

Pyrene

Concen: 0.49 ng

RT: 16.78 min Scan# 2591

Delta R.T. 0.01 min

Lab File: BF095685.D

Acq: 5 Jun 2017 21:36

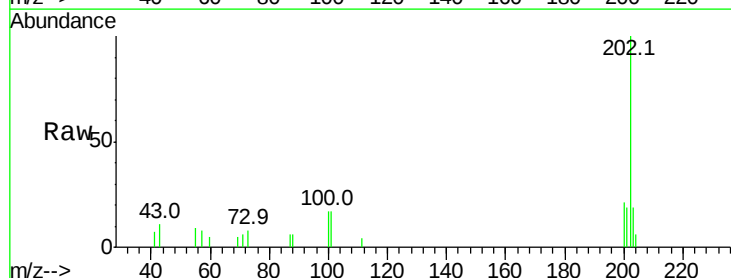
Tgt Ion:202 Resp: 9553

Ion Ratio Lower Upper

202 100

200 21.4 17.6 26.4

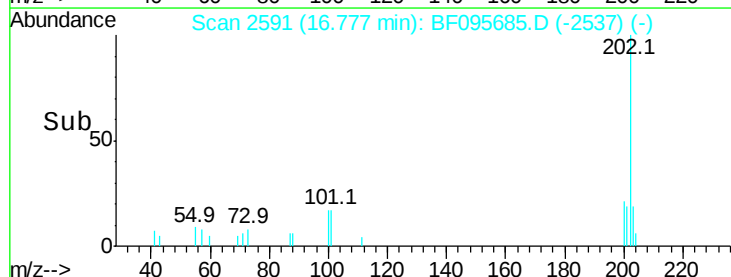
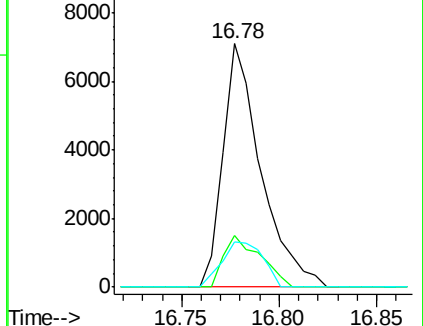
203 18.8 14.4 21.6

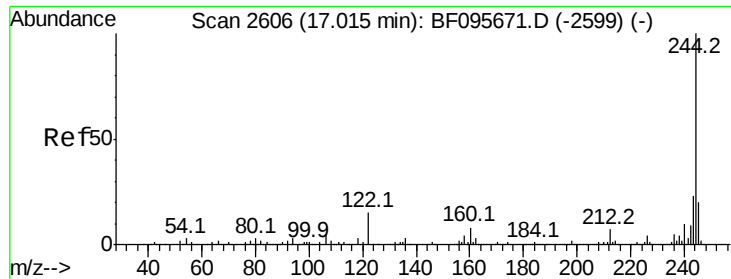


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

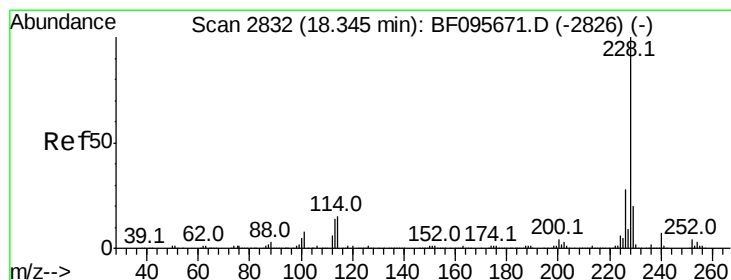
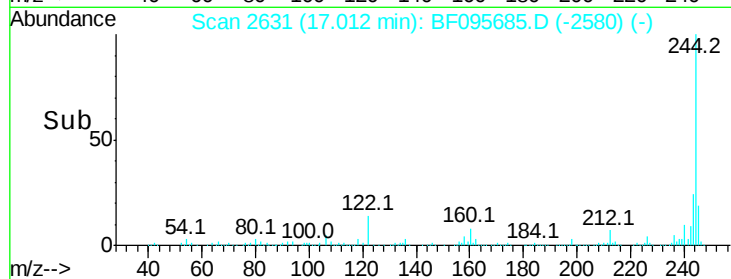
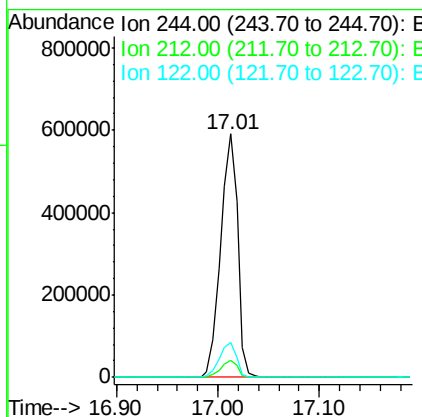
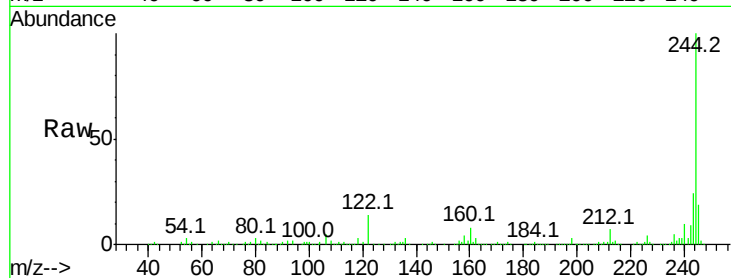




#78
 Terphenyl-d14
 Concen: 65.58 ng
 RT: 17.01 min Scan# 2631
 Delta R.T. -0.00 min
 Lab File: BF095685.D
 Acq: 5 Jun 2017 21:36

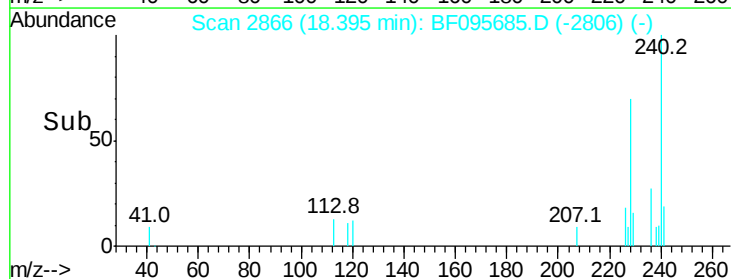
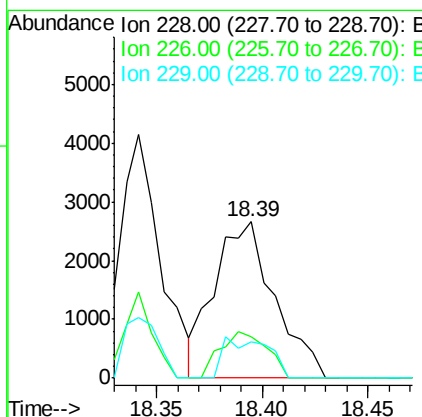
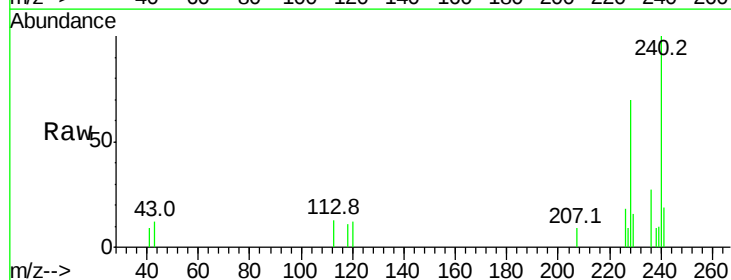
Instrument :
 BNA_F
 ClientSampleId :

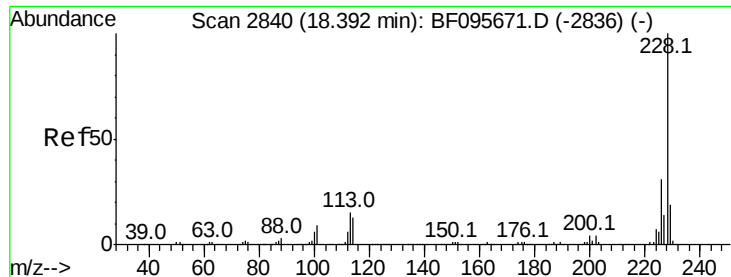
Tot Ion:244 Resp: 688867
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 14.3 10.3 15.5



#80
 Benzo(a)anthracene
 Concen: 0.35 ng
 RT: 18.39 min Scan# 2866
 Delta R.T. 0.05 min
 Lab File: BF095685.D
 Acq: 5 Jun 2017 21:36

Tgt Ion:228 Resp: 5245
 Ion Ratio Lower Upper
 228 100
 226 26.3 22.6 33.8
 229 23.0 16.3 24.5





#82

Chrysene

Concen: 0.35 ng

RT: 18.39 min Scan# 2866

Delta R.T. 0.00 min

Lab File: BF095685.D

Acq: 5 Jun 2017 21:36

Instrument :

BNA_F

ClientSampleId :

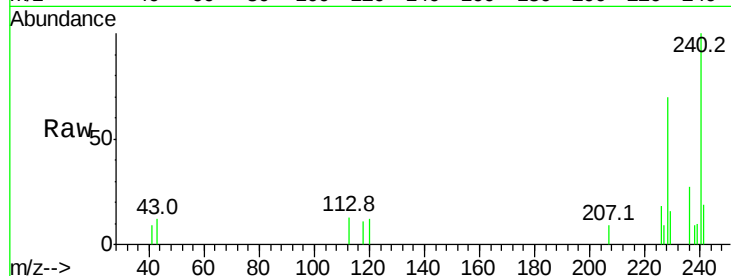
Tot Ion:228 Resp: 5245

Ion Ratio Lower Upper

228 100

226 26.3 24.9 37.3

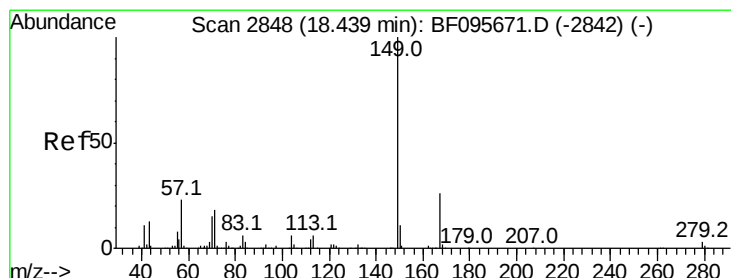
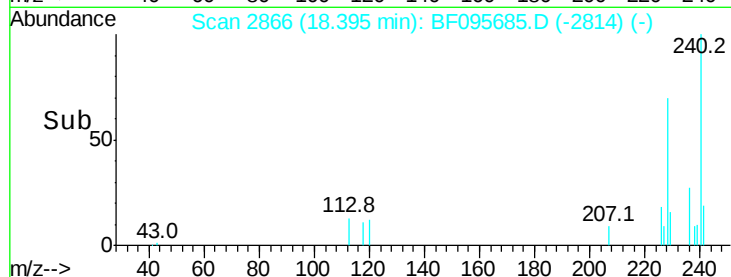
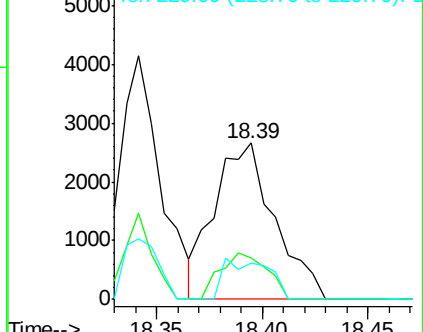
229 23.0 15.8 23.6



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: 0.16 ng

RT: 18.43 min Scan# 2872

Delta R.T. -0.01 min

Lab File: BF095685.D

Acq: 5 Jun 2017 21:36

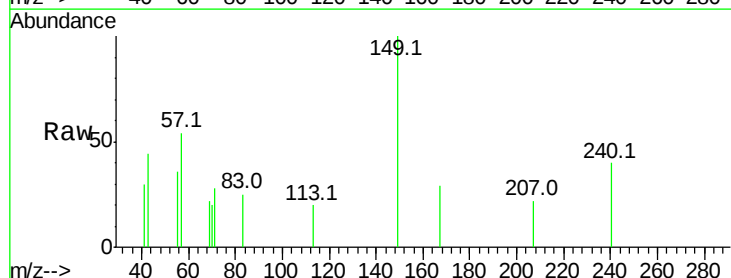
Tgt Ion:149 Resp: 1886

Ion Ratio Lower Upper

149 100

167 29.4 21.0 31.4

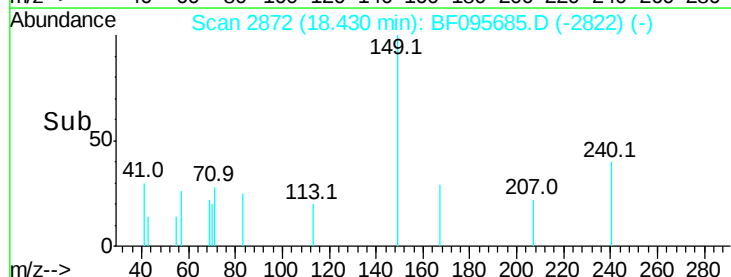
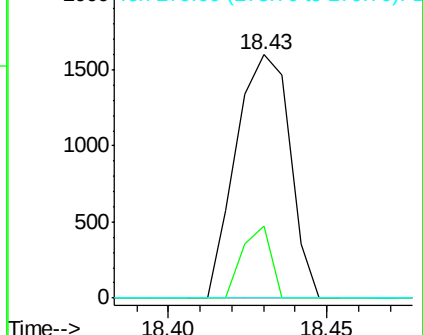
279 0.0 1.9 2.9#

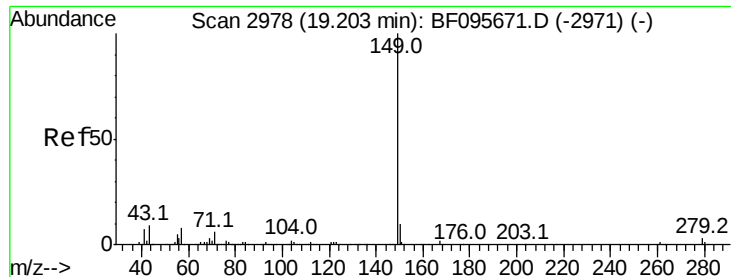


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 0.01 ng

RT: 19.24 min Scan# 3010

Delta R.T. 0.04 min

Lab File: BF095685.D

Acq: 5 Jun 2017 21:36

Instrument :

BNA_F

ClientSampleId :

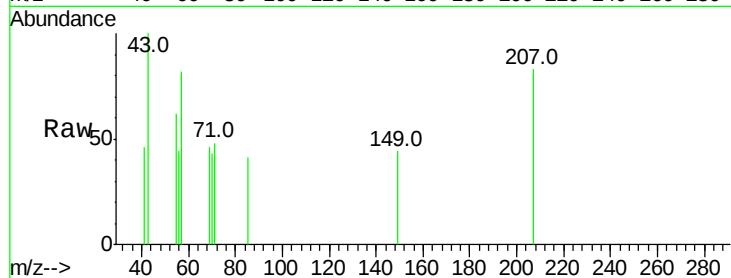
Tot Ion:149 Resp: 225

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

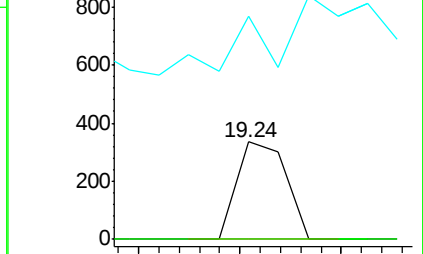
43 200.4 8.5 12.7#



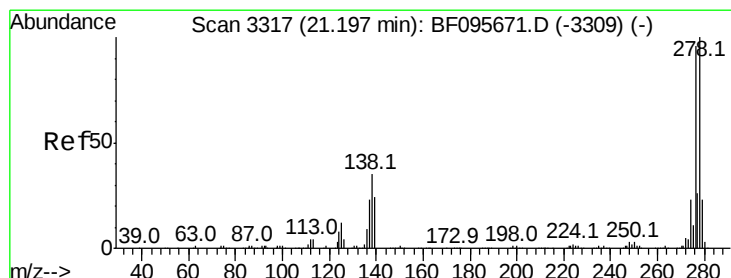
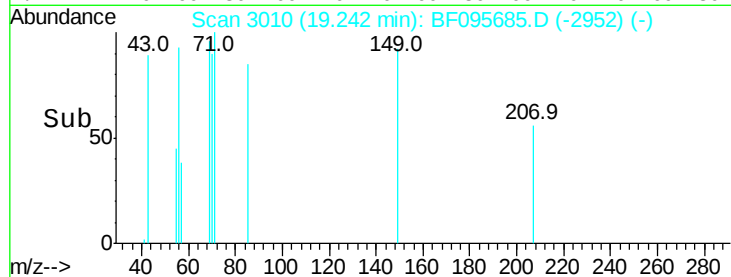
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



Time-->



#85

Indeno(1,2,3-cd)pyrene

Concen: 0.20 ng

RT: 21.26 min Scan# 3353

Delta R.T. 0.06 min

Lab File: BF095685.D

Acq: 5 Jun 2017 21:36

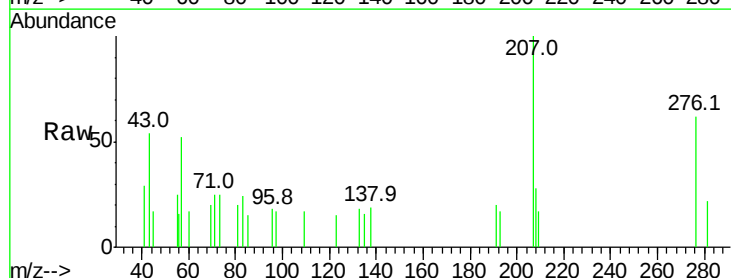
Tgt Ion:276 Resp: 2545

Ion Ratio Lower Upper

276 100

138 14.0 27.8 41.6#

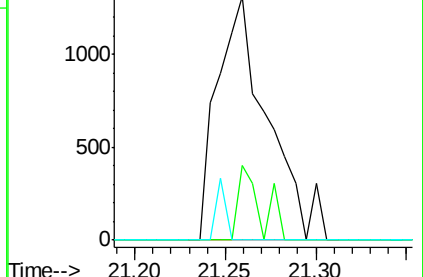
277 4.6 20.2 30.4#



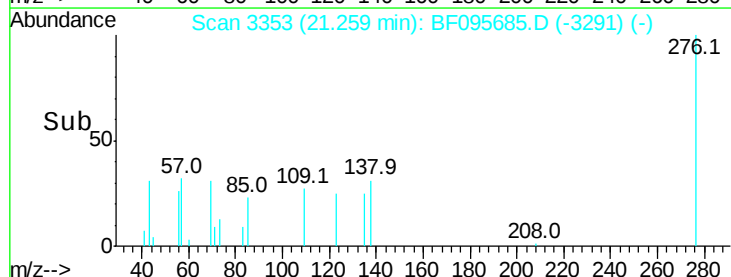
Abundance Ion 276.00 (275.70 to 276.70): E

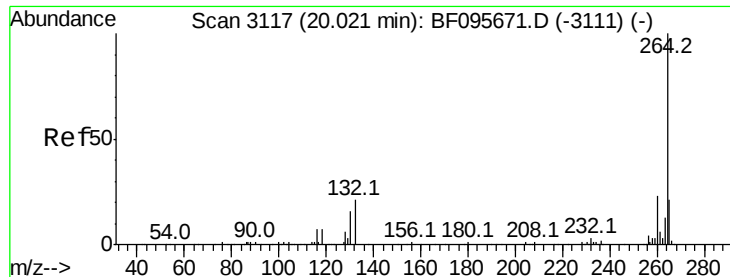
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



Time-->

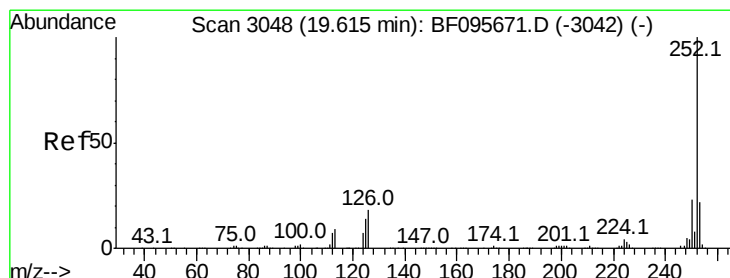
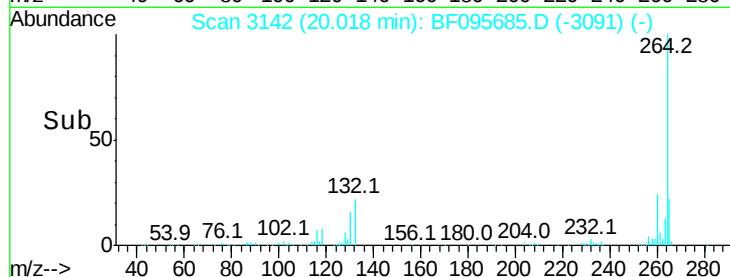
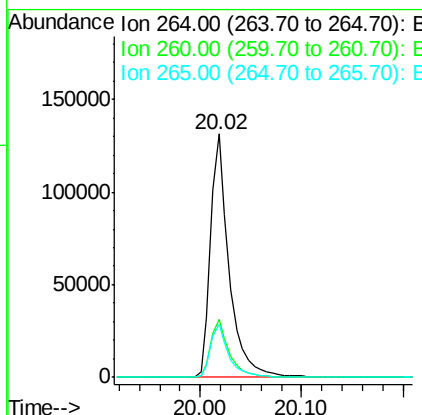
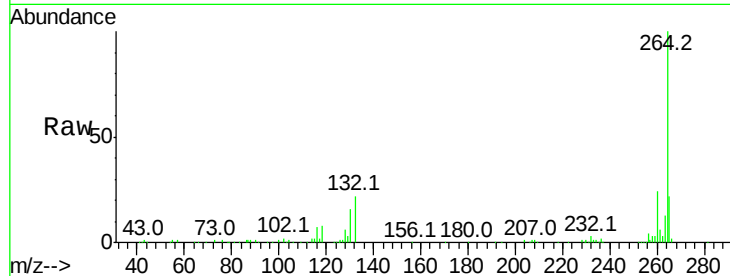




#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.02 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BF095685.D
Acq: 5 Jun 2017 21:36

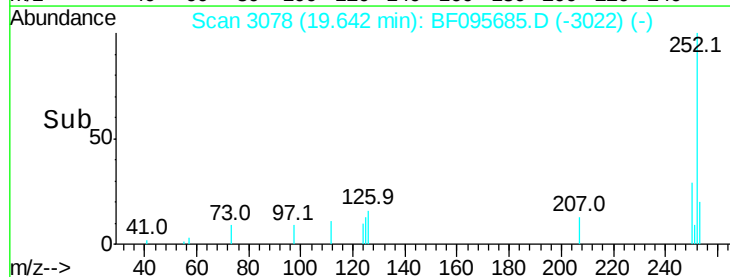
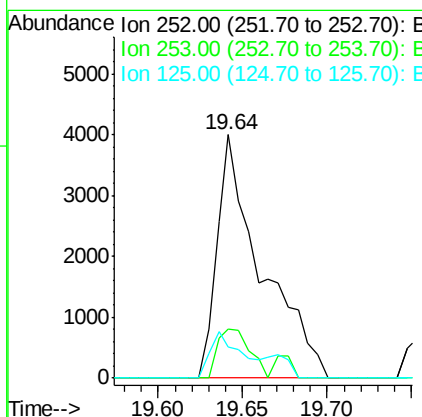
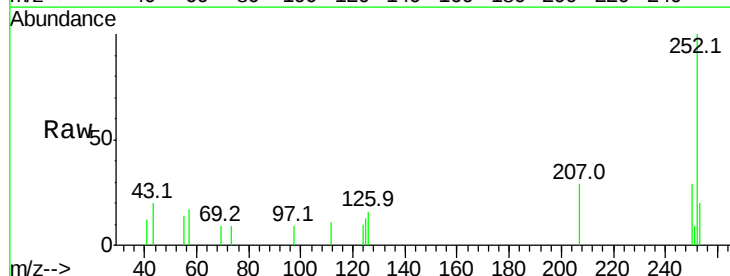
Instrument :
BNA_F
ClientSampleId :

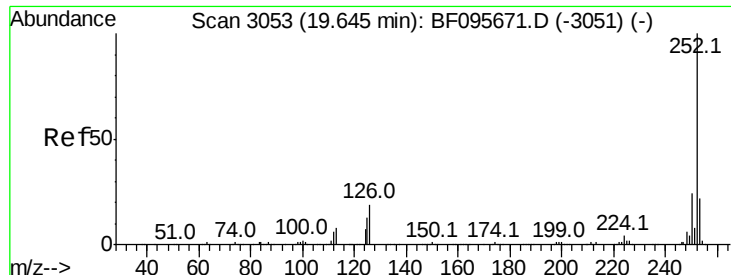
Tot Ion:264 Resp: 167196
Ion Ratio Lower Upper
264 100
260 23.8 19.5 29.3
265 21.8 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 0.70 ng
RT: 19.64 min Scan# 3078
Delta R.T. 0.03 min
Lab File: BF095685.D
Acq: 5 Jun 2017 21:36

Tgt Ion:252 Resp: 7312
Ion Ratio Lower Upper
252 100
253 20.0 18.1 27.1
125 12.9 9.8 14.8

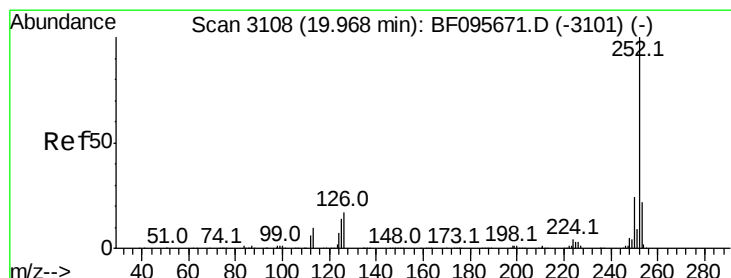
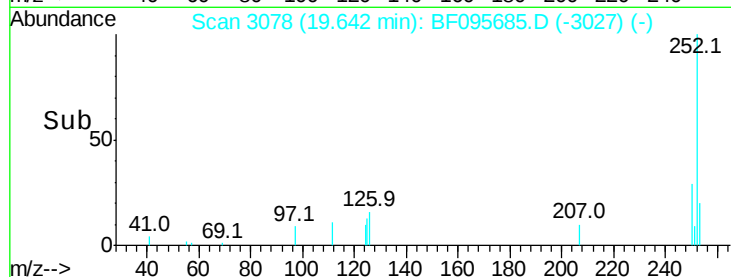
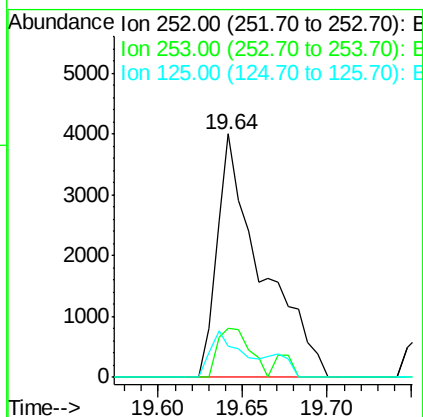
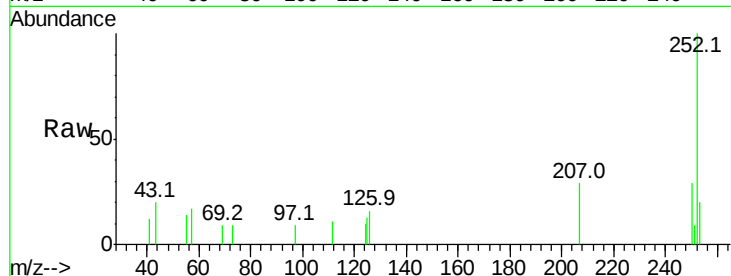




#88
Benzo(k)fluoranthene
Concen: 0.73 ng
RT: 19.64 min Scan# 3078
Delta R.T. -0.00 min
Lab File: BF095685.D
Acq: 5 Jun 2017 21:36

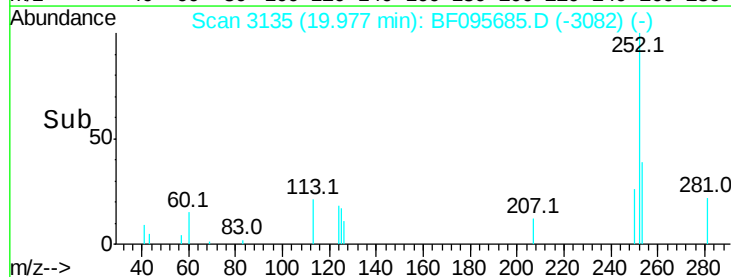
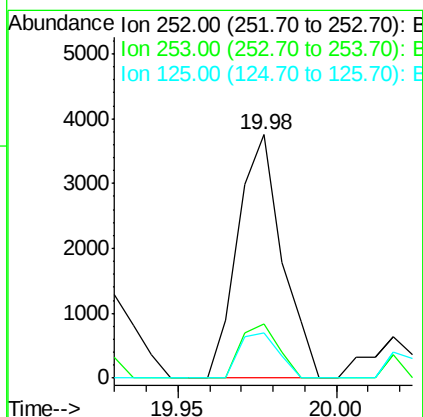
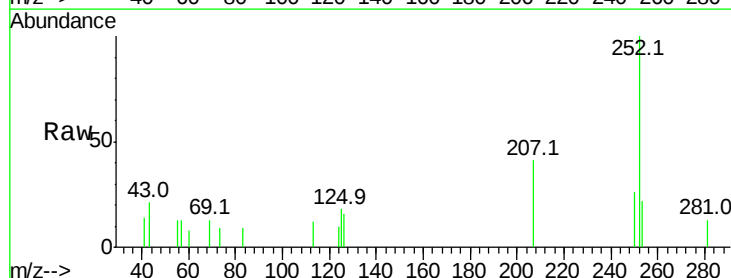
Instrument :
BNA_F
ClientSampleId :

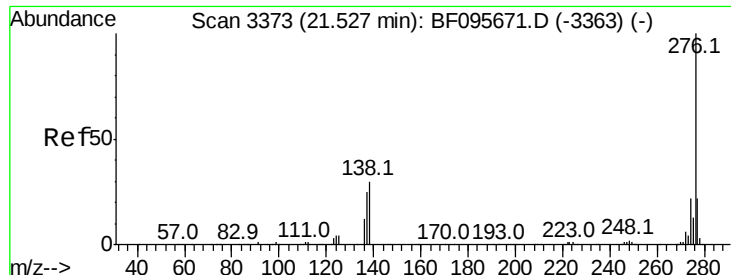
Tot Ion:252 Resp: 7312
Ion Ratio Lower Upper
252 100
253 20.0 18.4 27.6
125 12.9 13.1 19.7#



#89
Benzo(a)pyrene
Concen: 0.38 ng
RT: 19.98 min Scan# 3135
Delta R.T. 0.01 min
Lab File: BF095685.D
Acq: 5 Jun 2017 21:36

Tgt Ion:252 Resp: 3636
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 18.5 11.0 16.4#





#91

Benzo(a,h,i)perylene

Concen: 0.26 ng

RT: 21.59 min Scan# 3410

Delta R.T. 0.07 min

Lab File: BF095685.D

Acq: 5 Jun 2017 21:36

Instrument :

BNA_F

ClientSampleId :

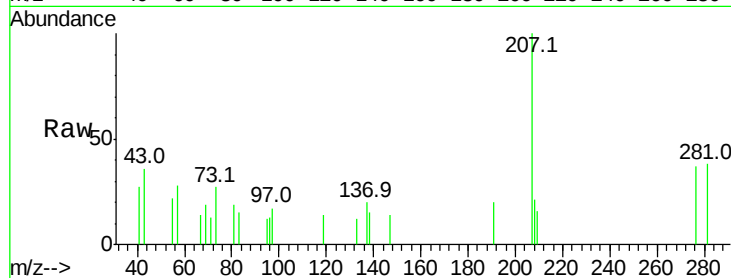
Tot Ion:276 Resp: 2146

Ion Ratio Lower Upper

276 100

277 0.0 18.6 28.0#

138 41.8 25.4 38.0#



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

