

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060517\
 Data File : BF095687.D
 Acq On : 5 Jun 2017 22:41
 Operator : SJ/MA
 Sample : I3438-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 06 01:19:27 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	104765	20.00	ng	0.00
21) Naphthalene-d8	9.42	136	452989	20.00	ng	0.00
38) Acenaphthene-d10	12.25	164	209013	20.00	ng	0.00
63) Phenanthrene-d10	14.64	188	334626	20.00	ng	0.00
75) Chrysene-d12	18.35	240	199396	20.00	ng	0.00
86) Perylene-d12	20.02	264	186783	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1029069	156.52	ng	0.02
7) Phenol-d6	6.96	99	1161861	147.61	ng	0.00
23) Nitrobenzene-d5	8.31	82	704691	96.61	ng	0.00
41) 2,4,6-Tribromophenol	13.55	330	235449	127.32	ng	0.00
44) 2-Fluorobiphenyl	11.21	172	1197216	79.71	ng	0.00
78) Terphenyl-d14	17.01	244	884468	110.08	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	1.60	88	44964	14.38	ng	# 21
6) Aniline	6.97	93	127	0.01	ng	# 1
9) Benzaldehyde	6.96	77	1396	0.26	ng	# 1
10) Phenol	6.97	94	18193	2.23	ng	# 77
11) bis(2-Chloroethyl)ether	7.05	93	1287	0.20	ng	# 1
15) Benzyl Alcohol	7.64	79	10685	1.98	ng	# 37
19) n-Nitroso-di-n-propylamine	8.31	70	90303	18.10	ng	# 75
24) Nitrobenzene	8.31	77	1829	0.23	ng	# 40
25) Isophorone	8.68	82	106	0.01	ng	# 67
37) 2-Methylnaphthalene	10.62	142	114	0.01	ng	# 15
45) 1,1'-Biphenyl	11.38	154	2094	0.12	ng	# 76
48) Acenaphthylene	12.03	152	570	0.02	ng	# 60
49) Dimethylphthalate	11.90	163	358581	22.60	ng	# 98
50) 2,6-Dinitrotoluene	11.90	165	3624	1.05	ng	# 17
51) Acenaphthene	12.25	154	652	0.05	ng	# 4
59) Diethylphthalate	13.05	149	8256	0.54	ng	# 92
62) Azobenzene	13.54	77	1358	0.10	ng	# 11
64) 4,6-Dinitro-2-methylphenol	13.54	198	465	0.21	ng	# 1
65) n-Nitrosodiphenylamine	13.55	169	8696	0.72	ng	# 40
70) Phenanthrene	14.68	178	2659	0.14	ng	# 84
71) Anthracene	14.79	178	545	0.03	ng	# 59
73) Di-n-butylphthalate	15.65	149	6040	0.29	ng	# 89
74) Fluoranthene	16.47	202	6197	0.32	ng	# 97
77) Pyrene	16.77	202	7555	0.51	ng	# 93
79) Butylbenzylphthalate	17.82	149	126	0.02	ng	# 32
80) Benzo(a)anthracene	18.34	228	3758	0.32	ng	# 94
82) Chrysene	18.39	228	3169	0.27	ng	# 96
83) Bis(2-ethylhexyl)phthalate	18.44	149	1423	0.16	ng	# 87
84) Di-n-octyl phthalate	19.20	149	276	0.02	ng	# 75
85) Indeno(1,2,3-cd)pyrene	21.24	276	2571	0.26	ng	# 92
87) Benzo(b)fluoranthene	19.63	252	4513	0.39	ng	# 69
88) Benzo(k)fluoranthene	19.63	252	4513	0.40	ng	# 75
89) Benzo(a)pyrene	19.97	252	3920	0.36	ng	# 82
90) Dibenzo(a,h)anthracene	21.22	278	1023	0.11	ng	# 2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 16:15:31 2017
Response via : Initial Calibration

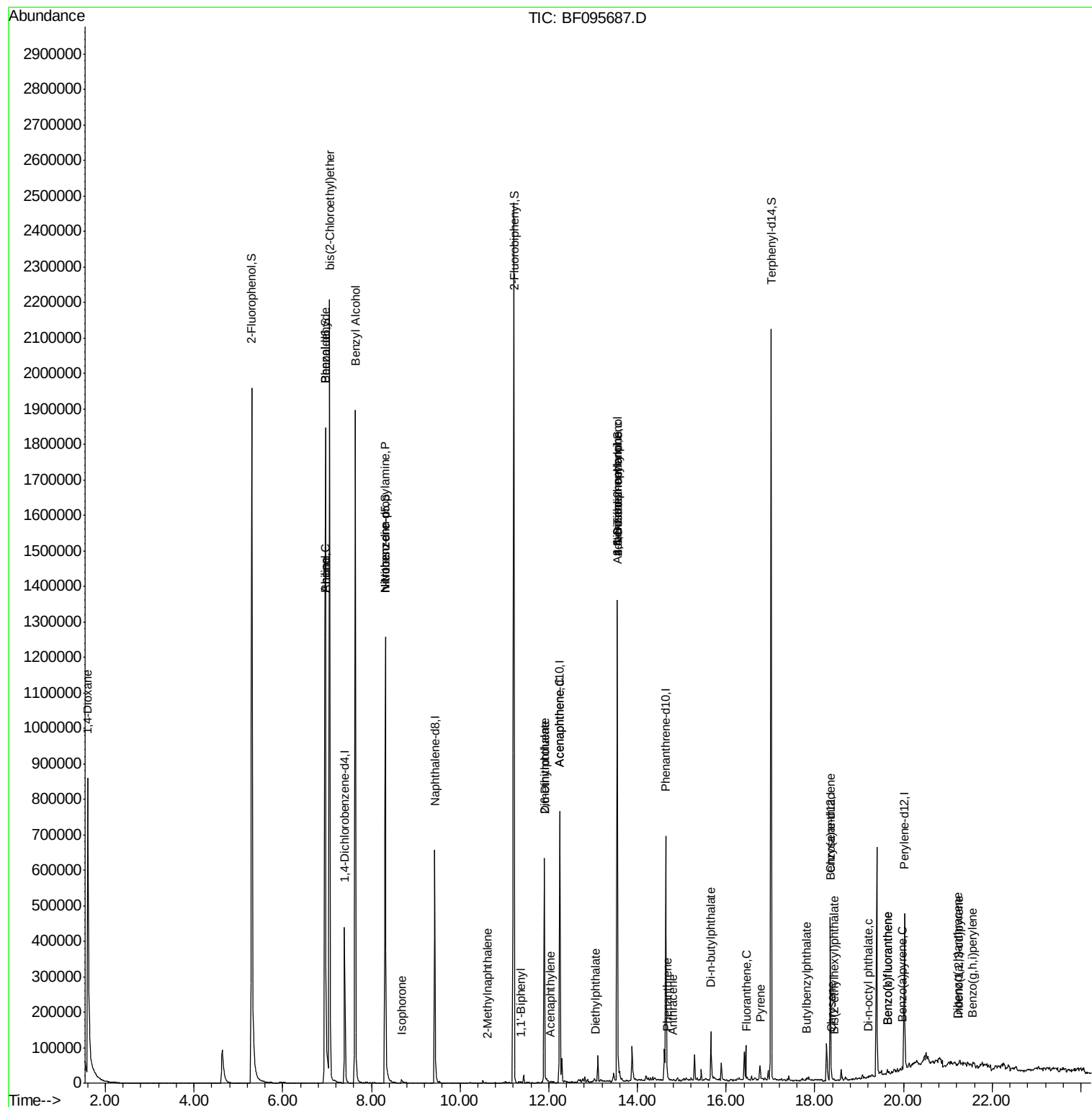
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) Benzo(q,h,i)perylene	21.57	276	2805	0.30	ng	# 79

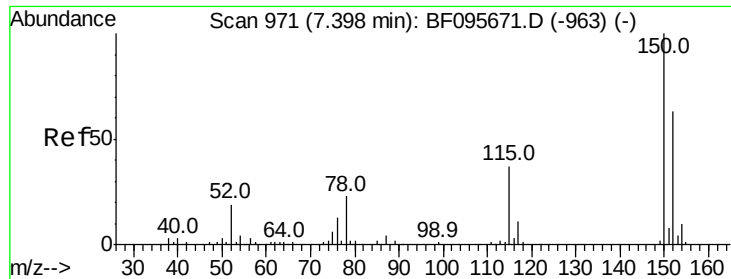
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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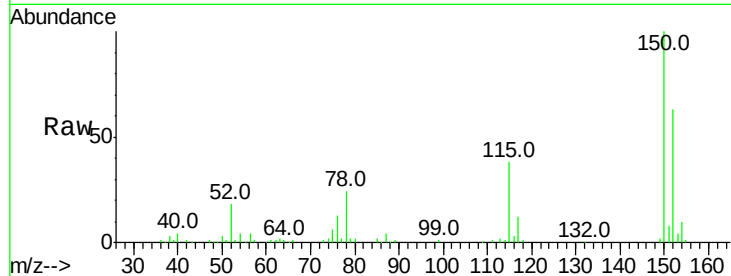


#1

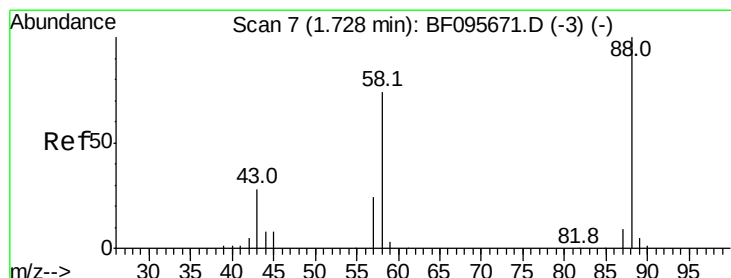
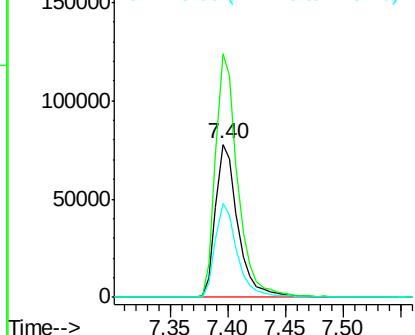
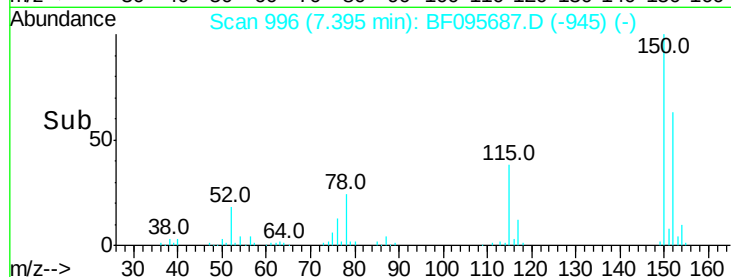
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.40 min Scan# 996
Delta R.T. -0.00 min
Lab File: BF095687.D
Acq: 5 Jun 2017 22:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 104765
Ion Ratio Lower Upper
152 100
150 159.1 126.2 189.2
115 61.2 52.2 78.2



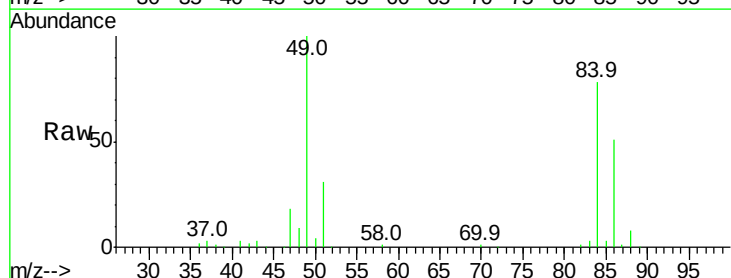
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



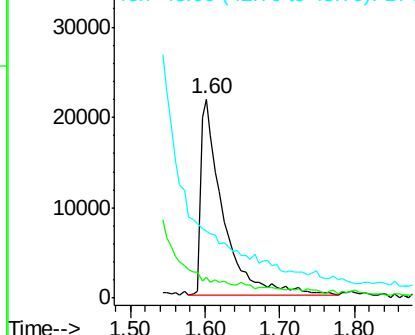
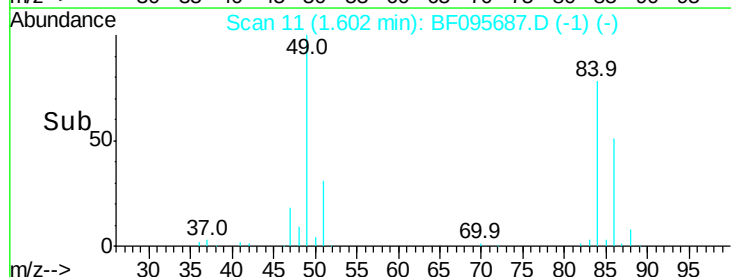
#2

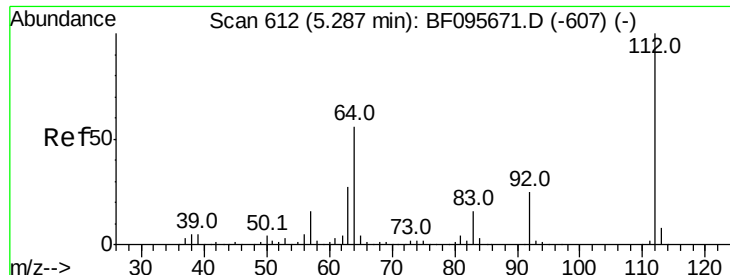
1,4-Dioxane
Concen: 14.38 ng
RT: 1.60 min Scan# 11
Delta R.T. -0.13 min
Lab File: BF095687.D
Acq: 5 Jun 2017 22:41

Tgt Ion: 88 Resp: 44964
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

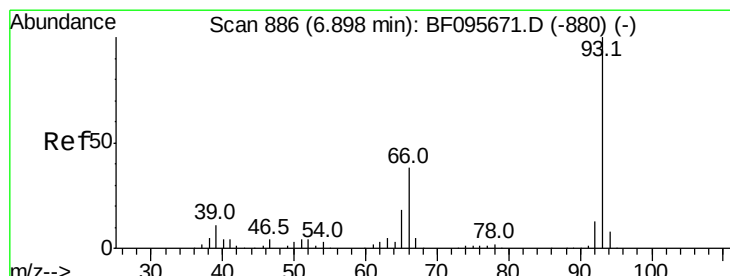
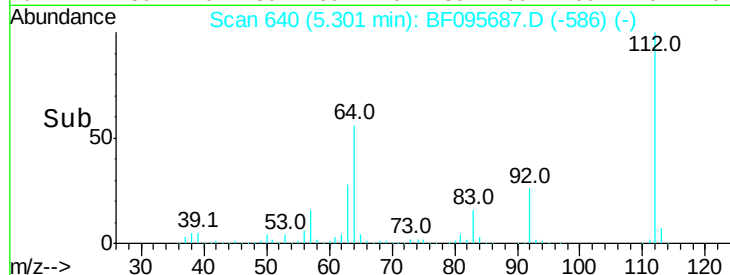
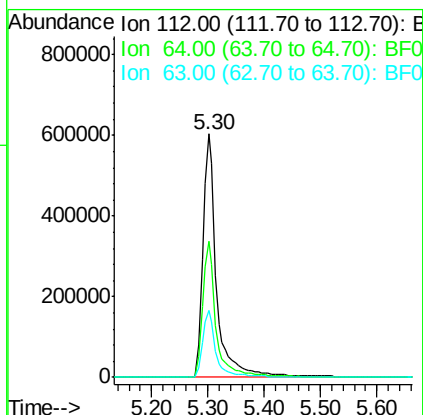
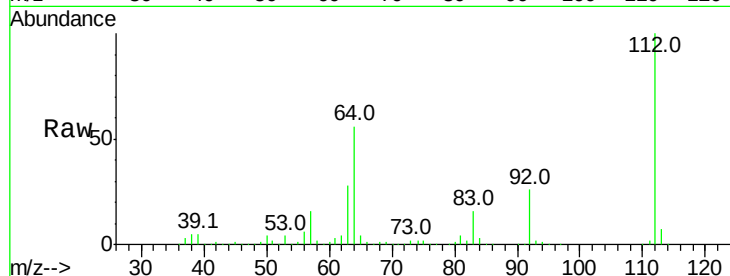




#5
 2-Fluorophenol
 Concen: 156.52 ng
 RT: 5.30 min Scan# 640
 Delta R.T. 0.02 min
 Lab File: BF095687.D
 Acq: 5 Jun 2017 22:41

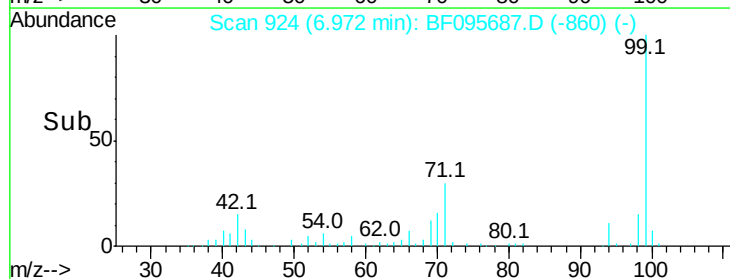
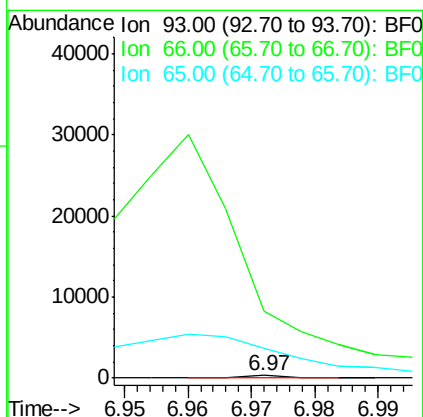
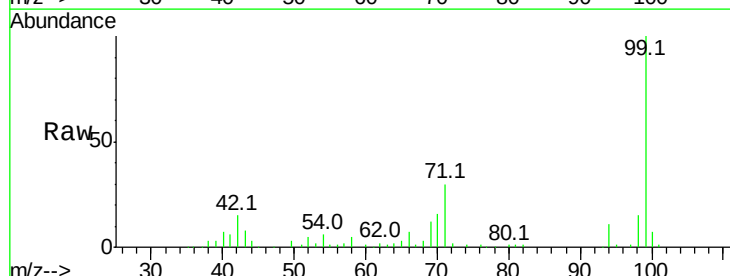
Instrument :
 BNA_F
 ClientSampled :

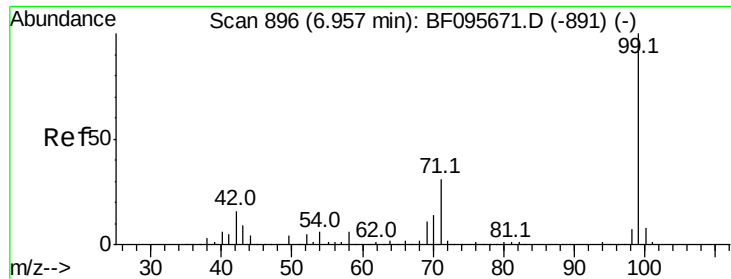
Tot Ion:112 Resp: 1029069
 Ion Ratio Lower Upper
 112 100
 64 55.9 46.0 69.0
 63 27.5 23.4 35.0



#6
 Aniline
 Concen: 0.01 ng
 RT: 6.97 min Scan# 924
 Delta R.T. 0.07 min
 Lab File: BF095687.D
 Acq: 5 Jun 2017 22:41

Tgt Ion: 93 Resp: 127
 Ion Ratio Lower Upper
 93 100
 66 2293.6 32.9 49.3#
 65 999.7 16.0 24.0#





#7

Phenol-d6

Concen: 147.61 ng

RT: 6.96 min Scan# 922

Delta R.T. 0.00 min

Lab File: BF095687.D

Acq: 5 Jun 2017 22:41

Instrument :

BNA_F

ClientSampleId :

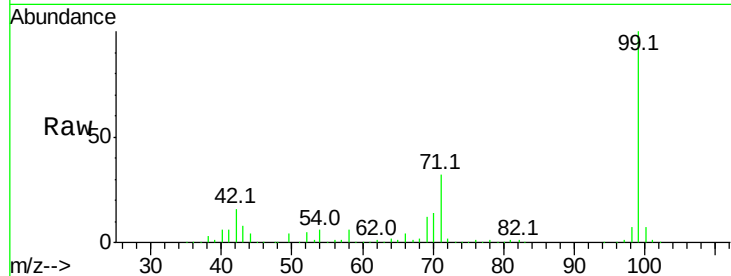
Tot Ion: 99 Resp: 1161861

Ion Ratio Lower Upper

99 100

42 16.2 13.5 20.3

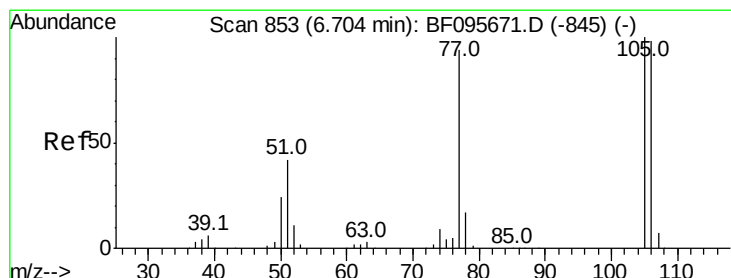
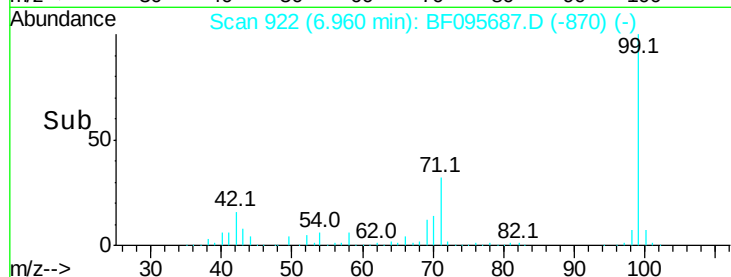
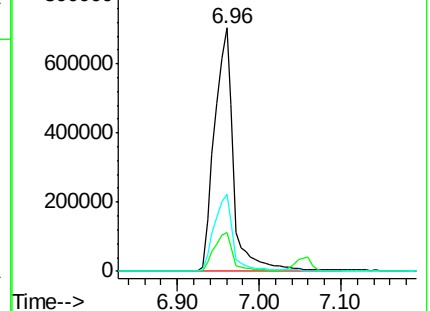
71 31.6 24.5 36.7



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: 0.26 ng

RT: 6.96 min Scan# 922

Delta R.T. 0.26 min

Lab File: BF095687.D

Acq: 5 Jun 2017 22:41

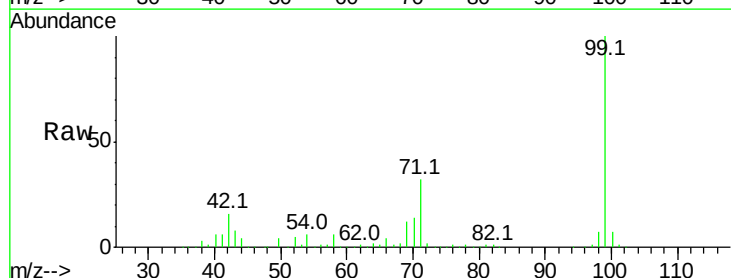
Tgt Ion: 77 Resp: 1396

Ion Ratio Lower Upper

77 100

105 0.0 83.8 123.8#

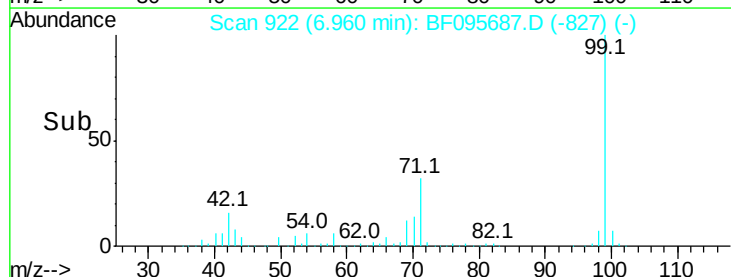
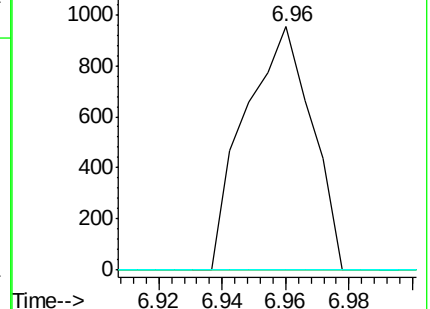
106 0.0 79.1 119.1#

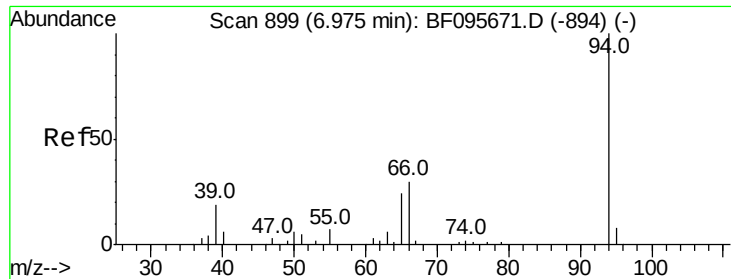


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 2.23 ng

RT: 6.97 min Scan# 924

Delta R.T. -0.00 min

Lab File: BF095687.D

Acq: 5 Jun 2017 22:41

Instrument :

BNA_F

ClientSampleId :

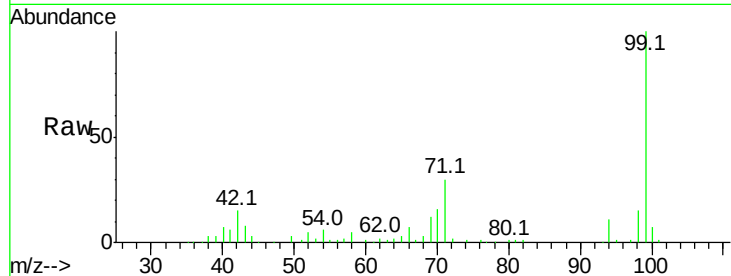
Tot Ion: 94 Resp: 18193

Ion Ratio Lower Upper

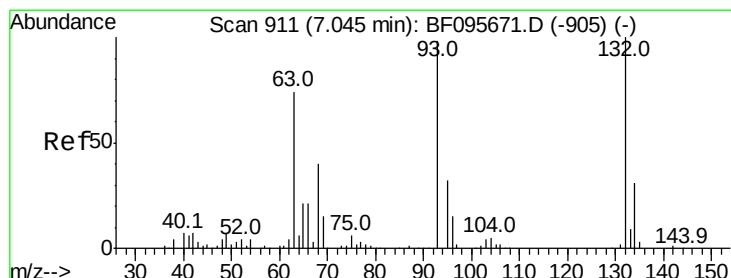
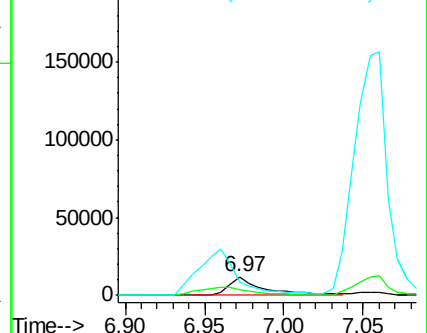
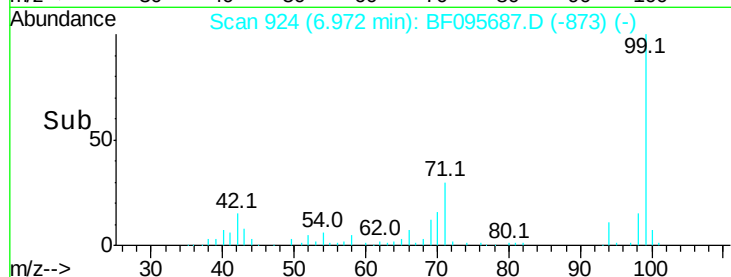
94 100

65 29.7 9.9 49.9

66 68.2 23.1 63.1#



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0



#11

bis(2-Chloroethyl)ether

Concen: 0.20 ng

RT: 7.05 min Scan# 937

Delta R.T. 0.00 min

Lab File: BF095687.D

Acq: 5 Jun 2017 22:41

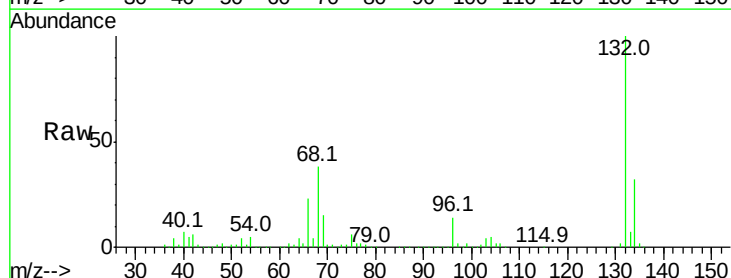
Tgt Ion: 93 Resp: 1287

Ion Ratio Lower Upper

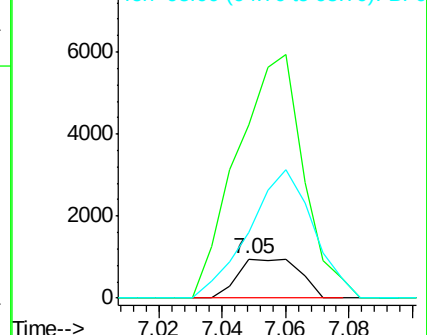
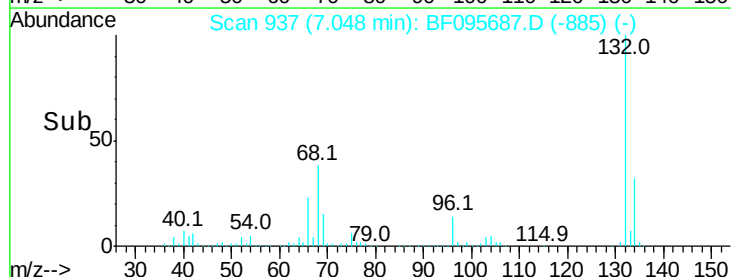
93 100

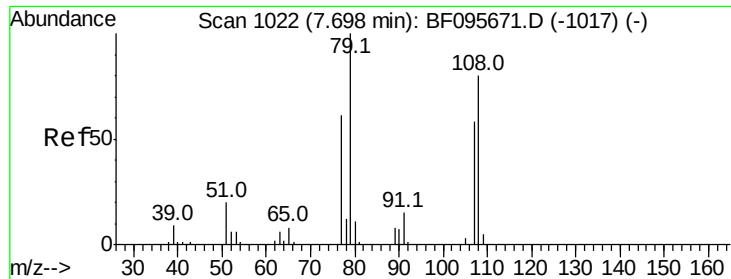
63 442.9 59.2 99.2#

95 168.4 12.8 52.8#



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





#15

Benzyl Alcohol

Concen: 1.98 ng

RT: 7.64 min Scan# 1037

Delta R.T. -0.06 min

Lab File: BF095687.D

Acq: 5 Jun 2017 22:41

Instrument :

BNA_F

ClientSampled :

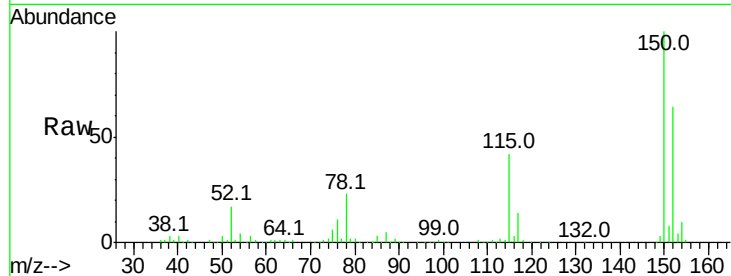
Tot Ion: 79 Resp: 10685

Ion Ratio Lower Upper

79 100

108 36.0 63.4 95.0#

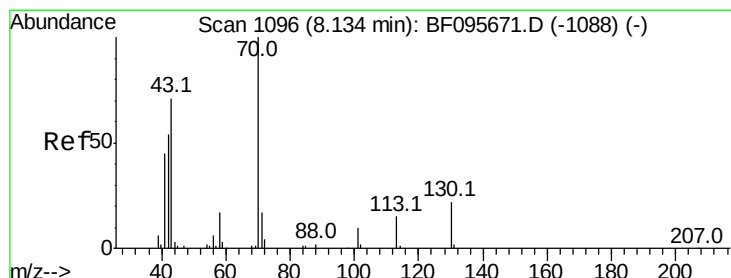
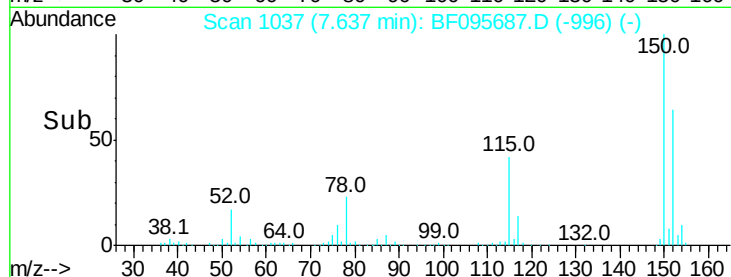
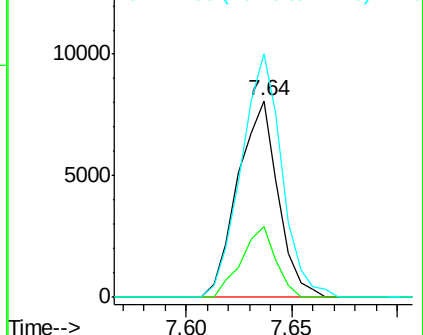
77 123.7 49.2 73.8#



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: 18.10 ng

RT: 8.31 min Scan# 1152

Delta R.T. 0.18 min

Lab File: BF095687.D

Acq: 5 Jun 2017 22:41

Tgt Ion: 70 Resp: 90303

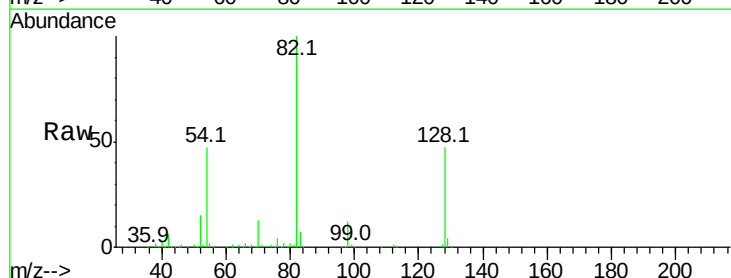
Ion Ratio Lower Upper

70 100

42 43.3 47.2 70.8#

101 0.0 7.2 10.8#

130 2.7 15.9 23.9#

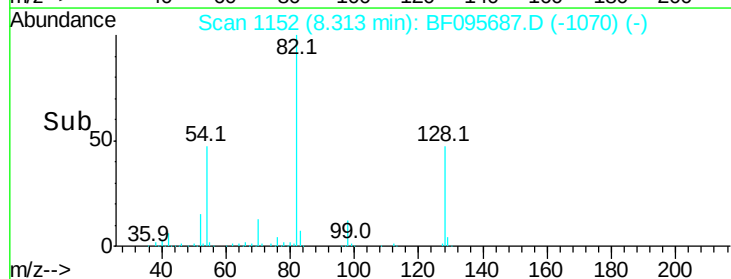
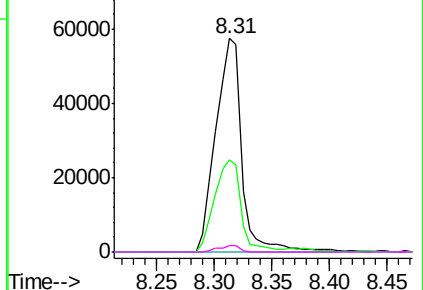


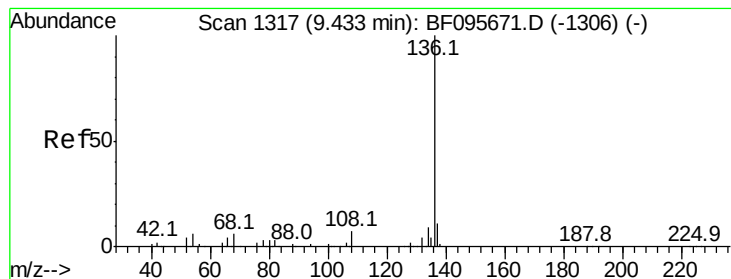
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 9.42 min Scan# 1341

Delta R.T. -0.01 min

Lab File: BF095687.D

Acq: 5 Jun 2017 22:41

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 452989

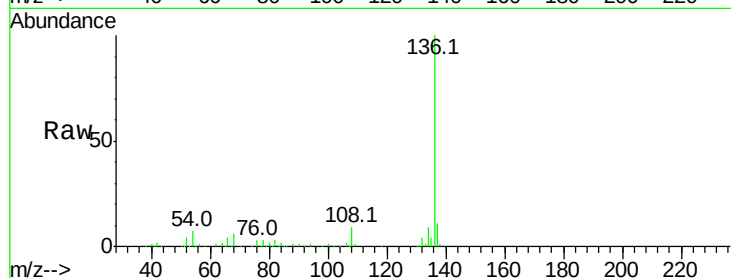
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 6.7 4.9 7.3

68 5.7 4.1 6.1

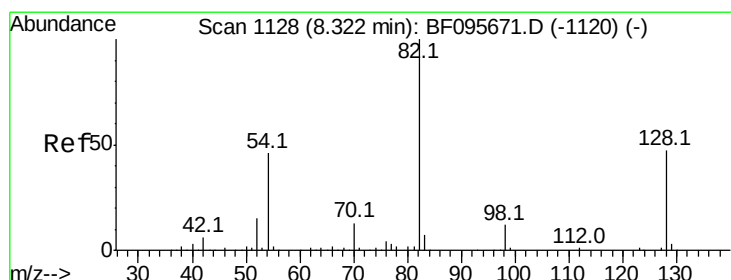
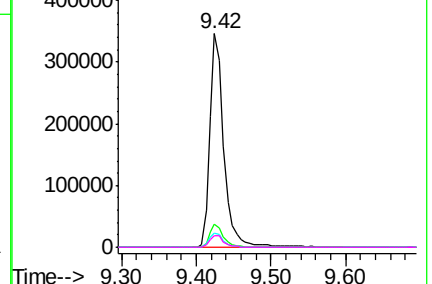
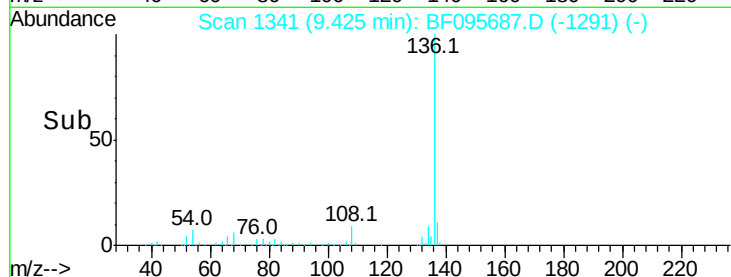


Abundance Ion 136.00 (135.70 to 136.70): E

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: 96.61 ng

RT: 8.31 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF095687.D

Acq: 5 Jun 2017 22:41

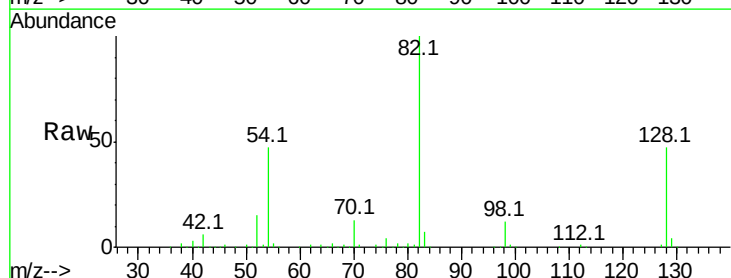
Tgt Ion: 82 Resp: 704691

Ion Ratio Lower Upper

82 100

128 47.0 34.0 51.0

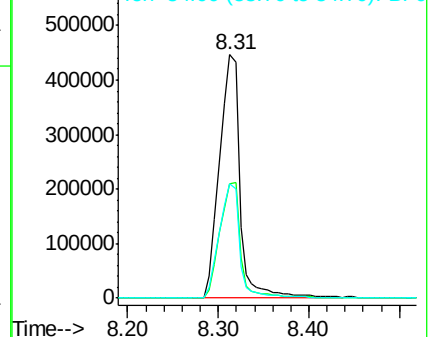
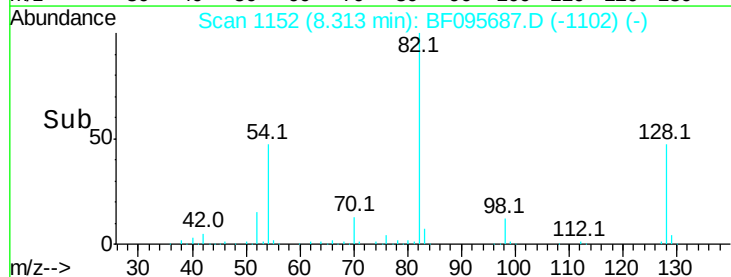
54 46.7 42.2 63.2

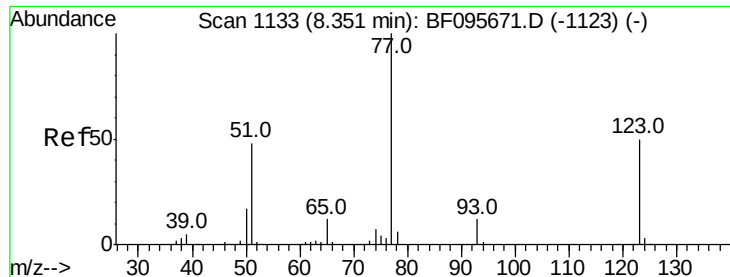


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 0.23 ng

RT: 8.31 min Scan# 1152

Delta R.T. -0.04 min

Lab File: BF095687.D

Acq: 5 Jun 2017 22:41

Instrument :
BNA_F
ClientSampled :

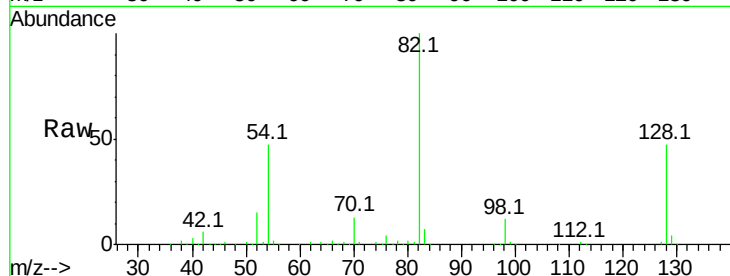
Tot Ion: 77 Resp: 1829

Ion Ratio Lower Upper

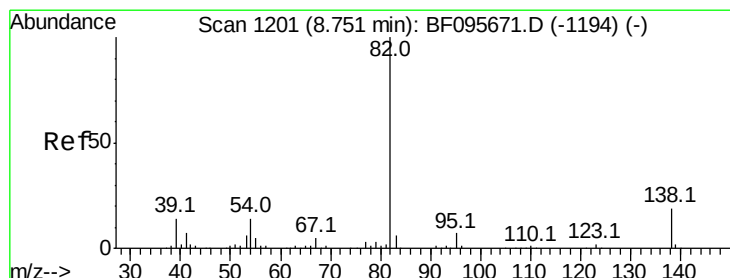
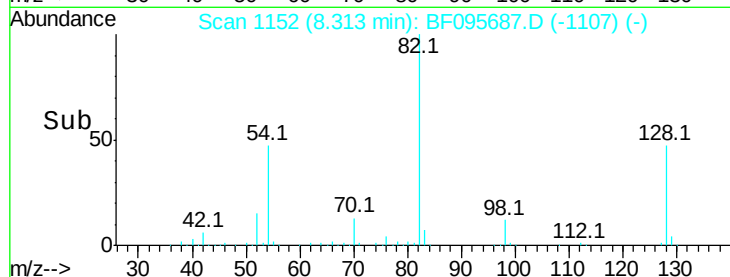
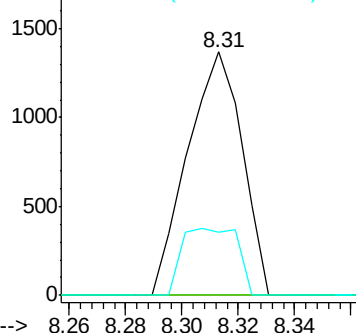
77 100

123 0.0 35.8 53.8#

65 26.1 10.6 15.8#



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): BF0
Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 0.01 ng

RT: 8.68 min Scan# 1215

Delta R.T. -0.07 min

Lab File: BF095687.D

Acq: 5 Jun 2017 22:41

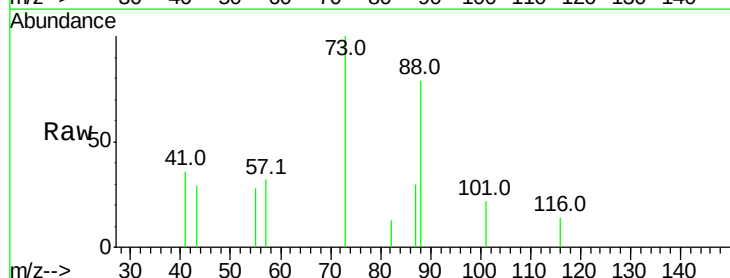
Tgt Ion: 82 Resp: 106

Ion Ratio Lower Upper

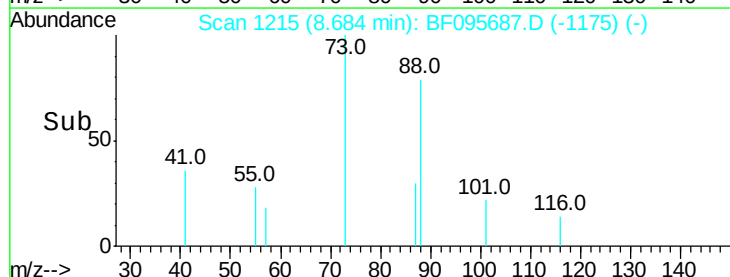
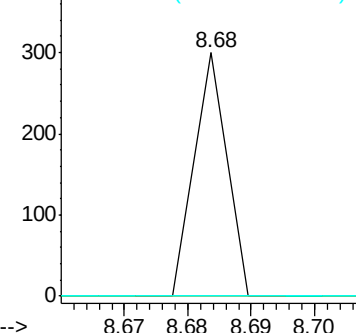
82 100

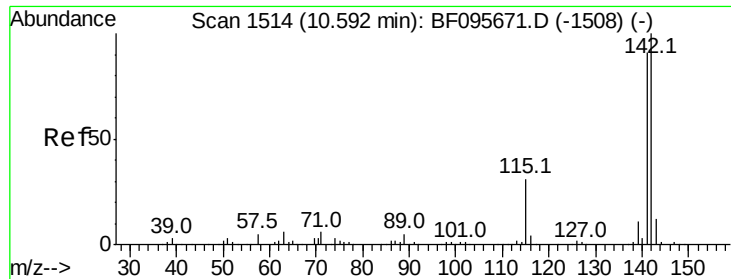
95 0.0 5.3 7.9#

138 0.0 13.1 19.7#



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

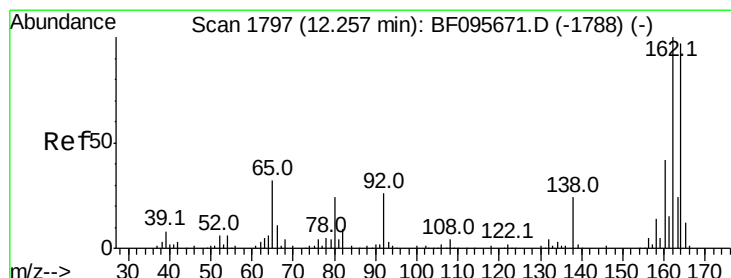
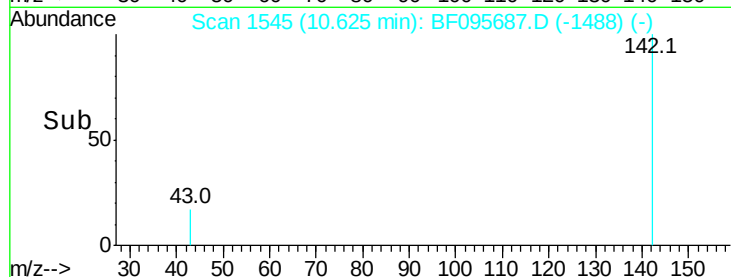
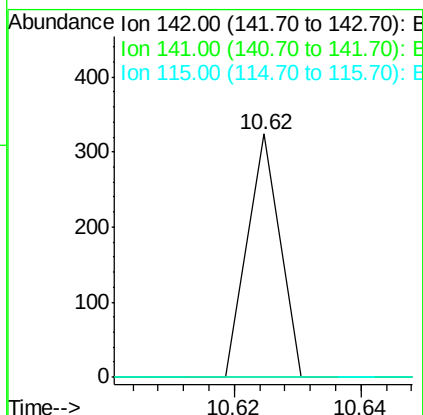
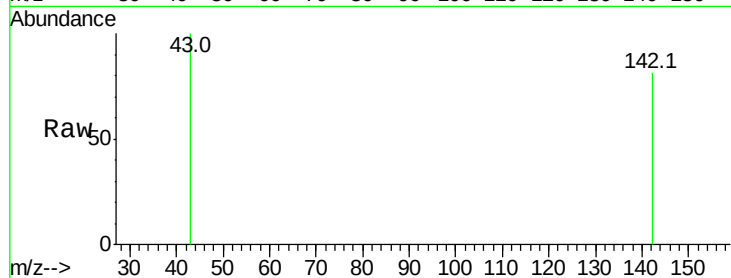




#37
2-Methylnaphthalene
Concen: 0.01 ng
RT: 10.62 min Scan# 1545
Delta R.T. 0.03 min
Lab File: BF095687.D
Acq: 5 Jun 2017 22:41

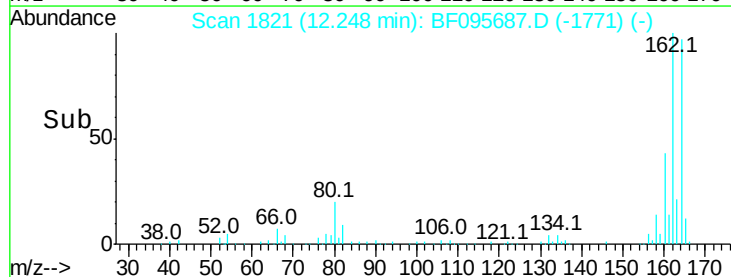
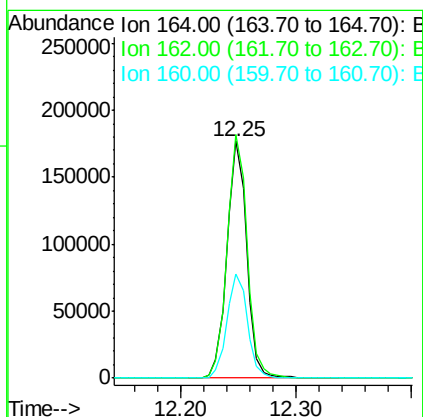
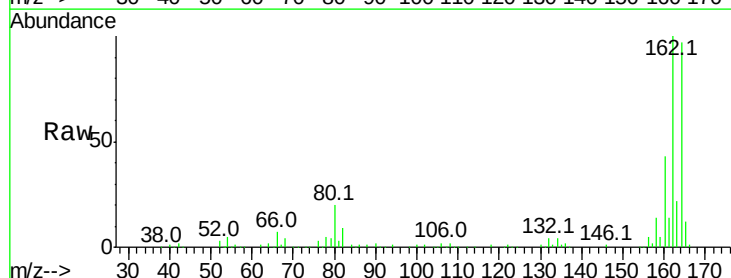
Instrument :
BNA_F
ClientSampleId :

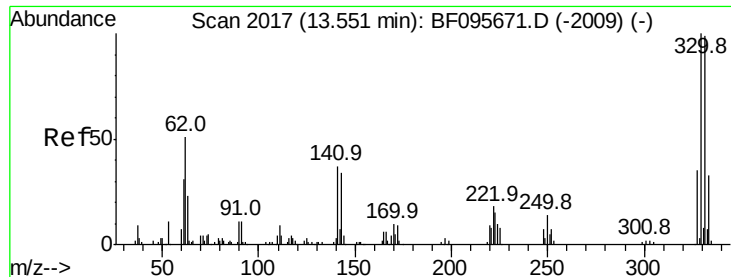
Tot Ion:142 Resp: 114
Ion Ratio Lower Upper
142 100
141 0.0 71.3 106.9#
115 0.0 27.1 40.7#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.25 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF095687.D
Acq: 5 Jun 2017 22:41

Tgt Ion:164 Resp: 209013
Ion Ratio Lower Upper
164 100
162 102.8 82.6 123.8
160 44.0 36.2 54.2

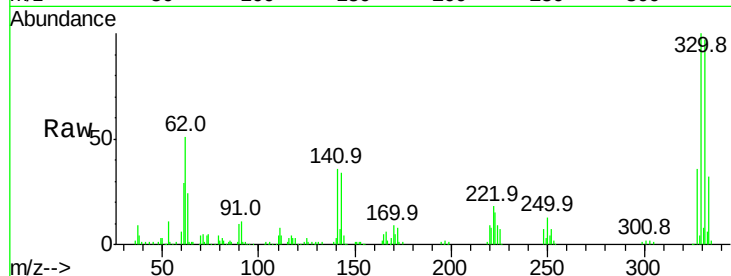




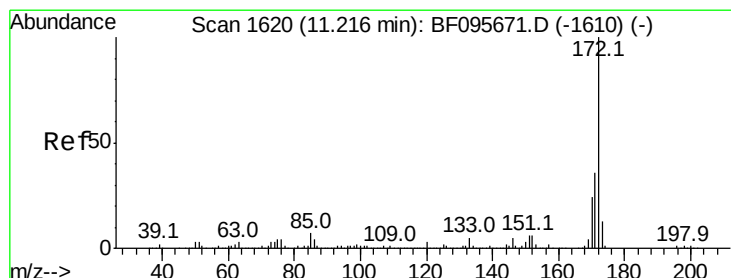
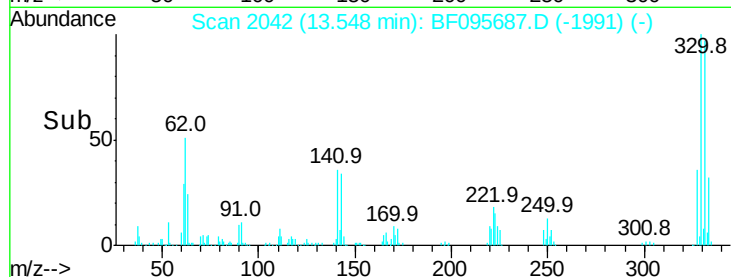
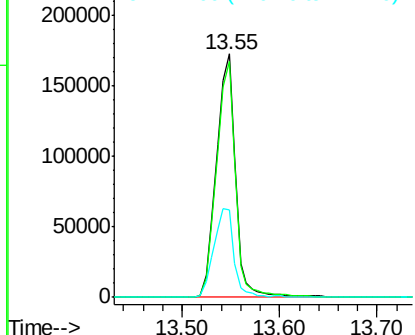
#41
 2,4,6-Tribromophenol
 Concen: 127.32 ng
 RT: 13.55 min Scan# 2042
 Delta R.T. -0.00 min
 Lab File: BF095687.D
 Acq: 5 Jun 2017 22:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 235449
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.6 115.0
 141 38.9 31.4 47.2

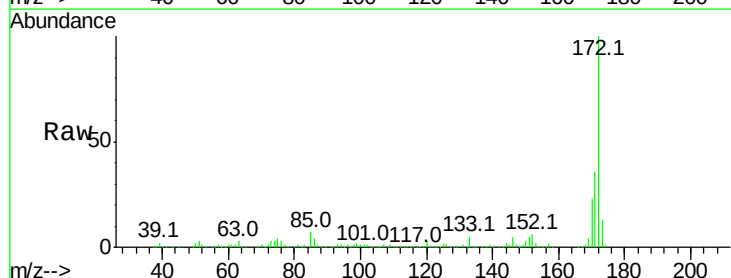


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

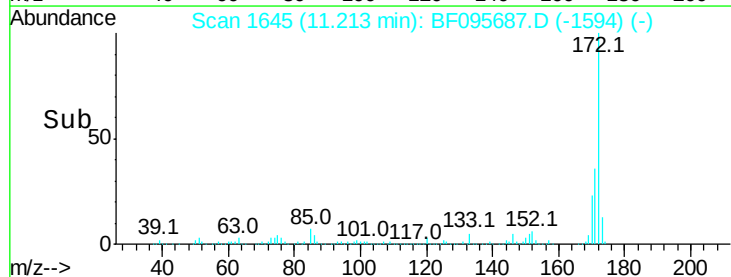
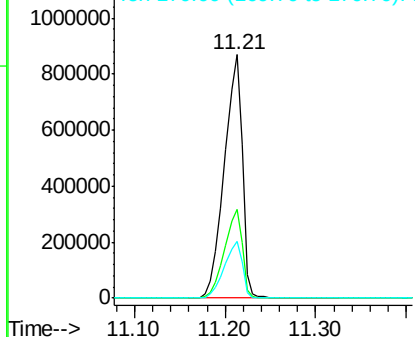


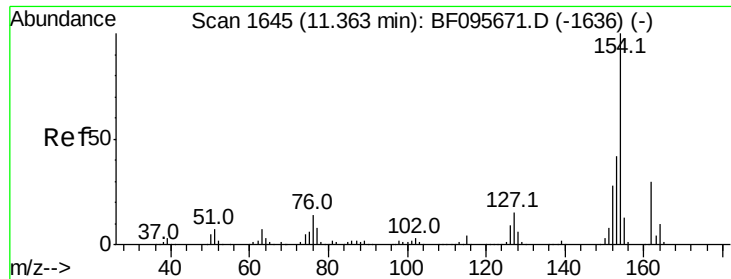
#44
 2-Fluorobiphenyl
 Concen: 79.71 ng
 RT: 11.21 min Scan# 1645
 Delta R.T. -0.00 min
 Lab File: BF095687.D
 Acq: 5 Jun 2017 22:41

Tgt Ion:172 Resp: 1197216
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 23.4 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: 0.12 ng

RT: 11.38 min Scan# 1673

Delta R.T. 0.01 min

Lab File: BF095687.D

Acq: 5 Jun 2017 22:41

Instrument :

BNA_F

ClientSampled :

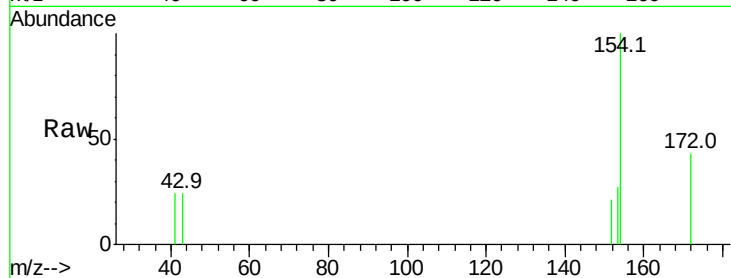
Tot Ion:154 Resp: 2094

Ion Ratio Lower Upper

154 100

153 26.7 21.2 61.2

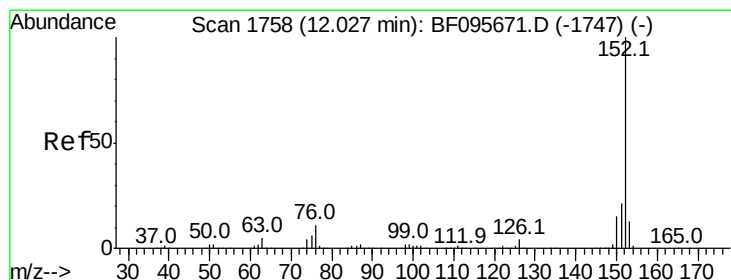
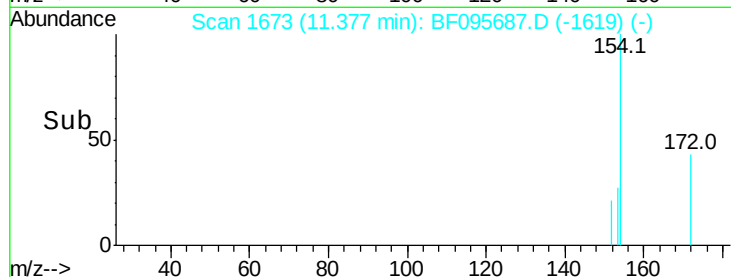
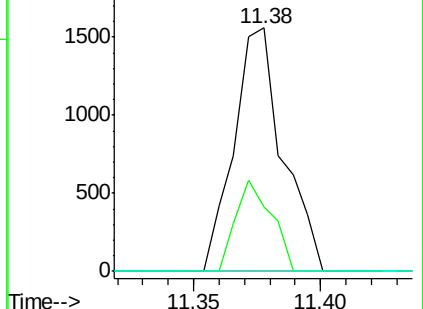
76 0.0 0.0 29.9



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



#48

Acenaphthylene

Concen: 0.02 ng

RT: 12.03 min Scan# 1784

Delta R.T. 0.00 min

Lab File: BF095687.D

Acq: 5 Jun 2017 22:41

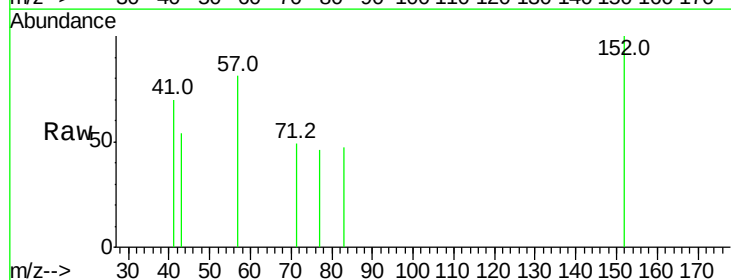
Tgt Ion:152 Resp: 570

Ion Ratio Lower Upper

152 100

151 0.0 16.8 25.2#

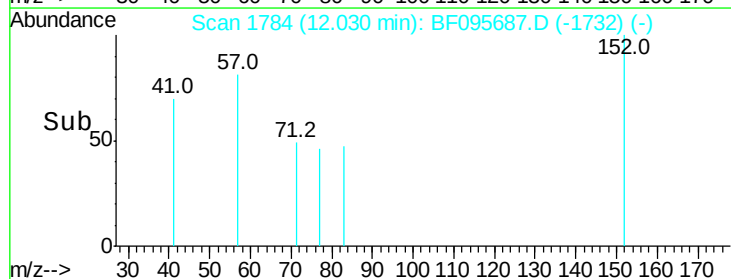
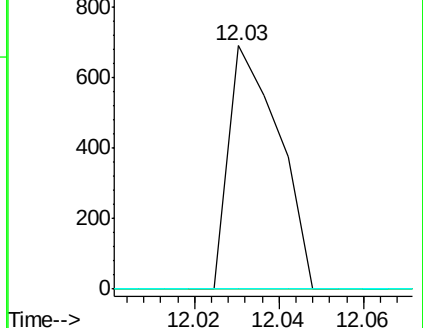
153 0.0 10.8 16.2#

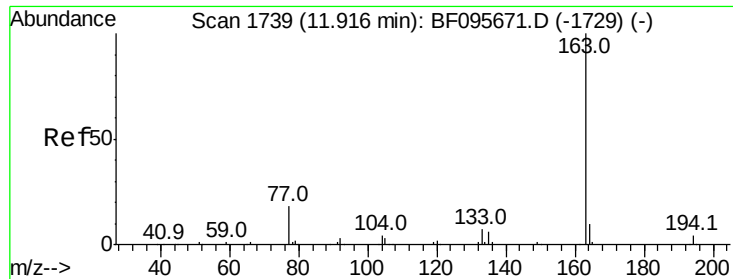


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 22.60 ng

RT: 11.90 min Scan# 1762

Delta R.T. -0.01 min

Lab File: BF095687.D

Acq: 5 Jun 2017 22:41

Instrument :

BNA_F

ClientSampleId :

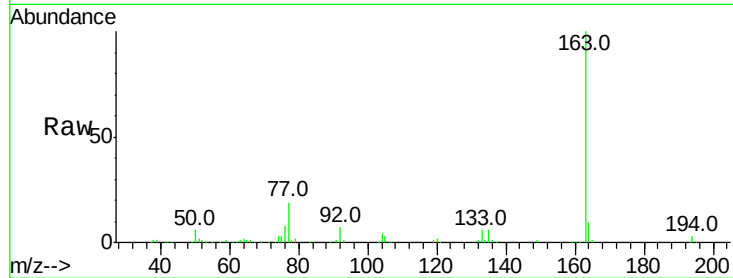
Tot Ion:163 Resp: 358581

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

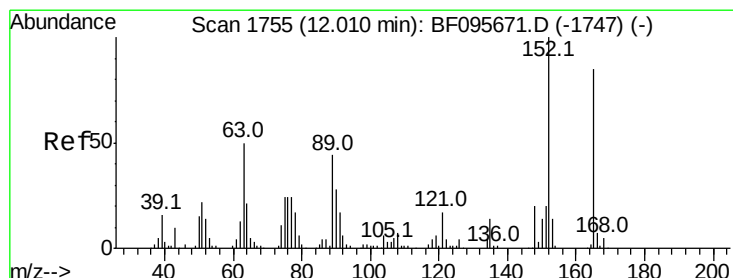
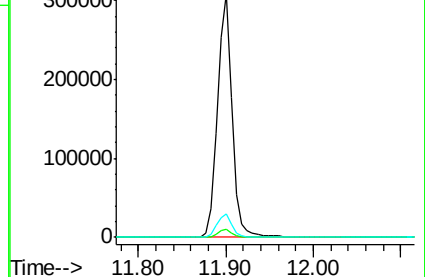
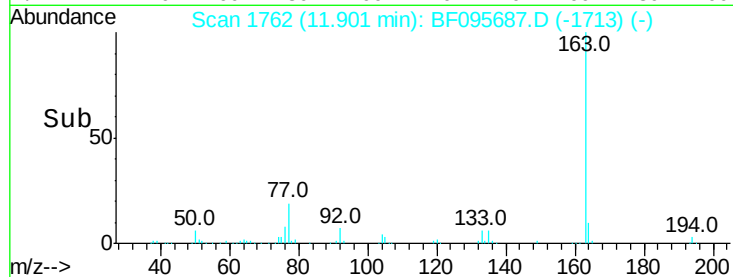
164 9.7 8.4 12.6



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: 1.05 ng

RT: 11.90 min Scan# 1762

Delta R.T. -0.11 min

Lab File: BF095687.D

Acq: 5 Jun 2017 22:41

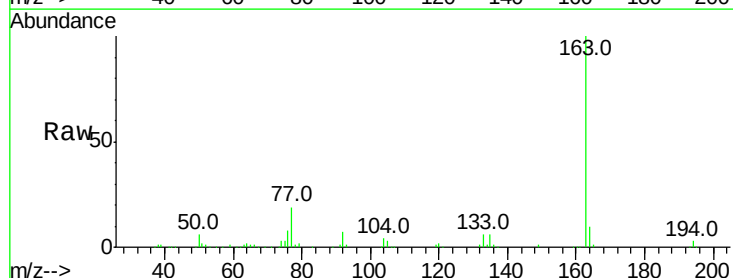
Tgt Ion:165 Resp: 3624

Ion Ratio Lower Upper

165 100

63 115.0 34.3 51.5#

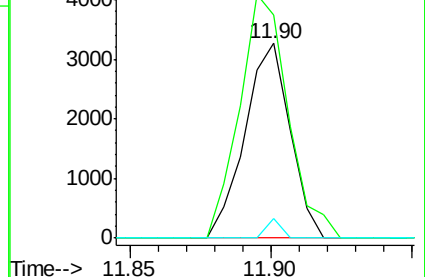
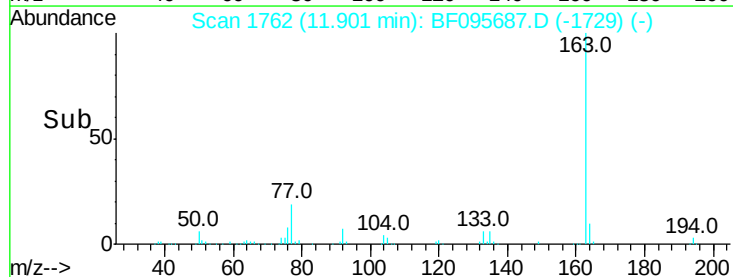
89 10.0 37.1 55.7#

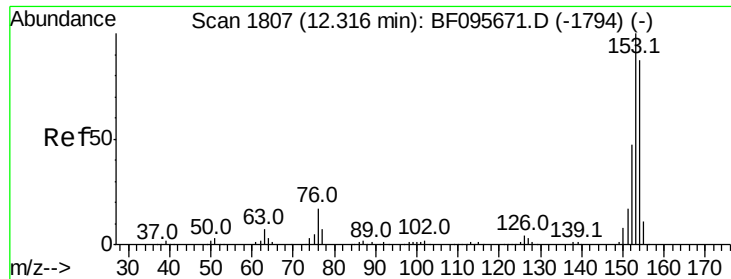


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 0.05 ng

RT: 12.25 min Scan# 1821

Delta R.T. -0.07 min

Lab File: BF095687.D

Acq: 5 Jun 2017 22:41

Instrument :

BNA_F

ClientSampleId :

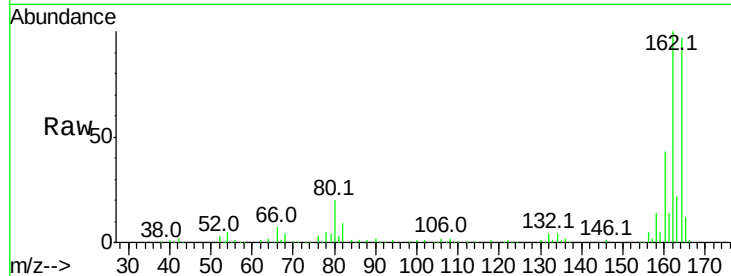
Tot Ion:154 Resp: 652

Ion Ratio Lower Upper

154 100

153 0.0 90.5 135.7#

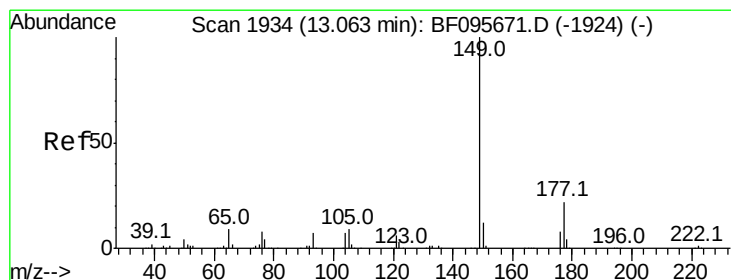
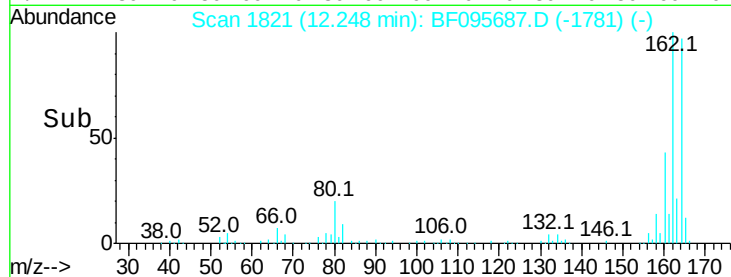
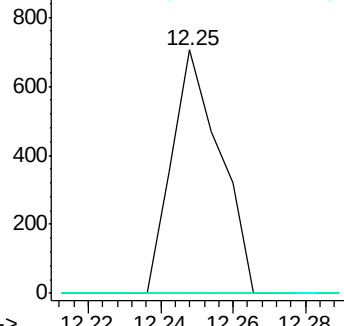
152 0.0 43.6 65.4#



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



#59

Diethylphthalate

Concen: 0.54 ng

RT: 13.05 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BF095687.D

Acq: 5 Jun 2017 22:41

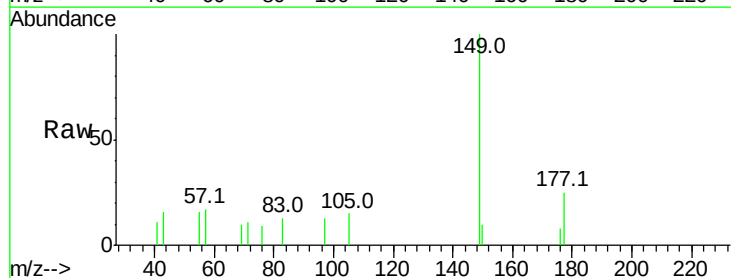
Tgt Ion:149 Resp: 8256

Ion Ratio Lower Upper

149 100

177 25.2 16.7 25.1#

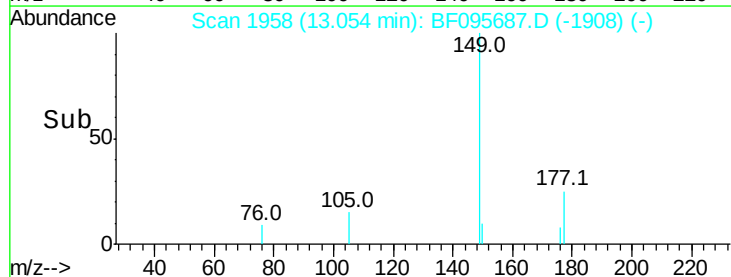
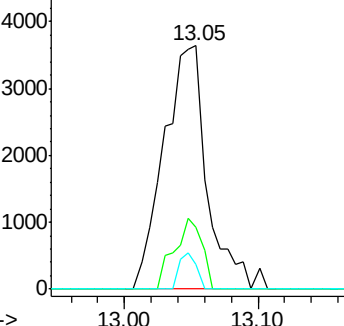
150 10.4 10.2 15.2

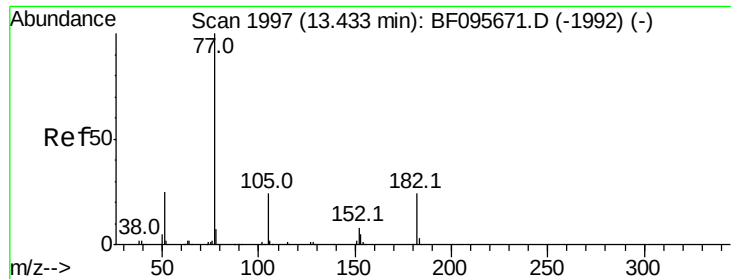


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

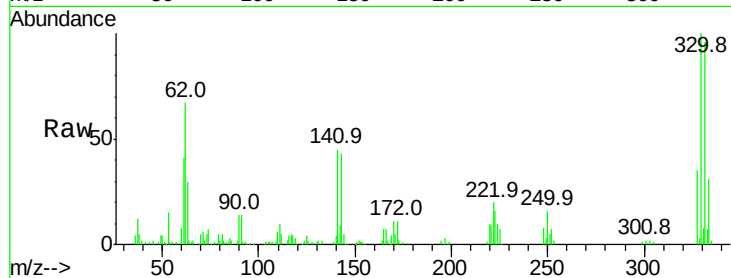




#62
Azobenzene
Concen: 0.10 ng
RT: 13.54 min Scan# 2040
Delta R.T. 0.10 min
Lab File: BF095687.D
Acq: 5 Jun 2017 22:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	77	Resp:	1358
Ion	Ratio	Lower	Upper
77	100		
182	0.0	0.1	40.1#
105	88.8	3.6	43.6#
51	74.9	9.4	49.4#

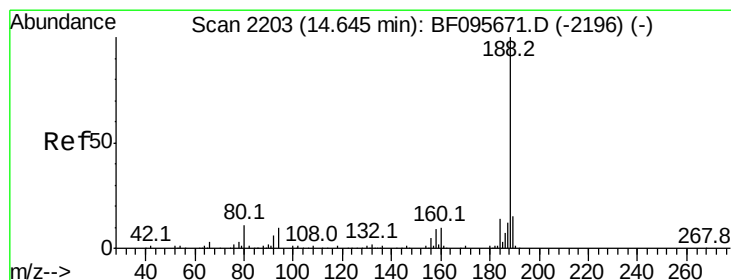
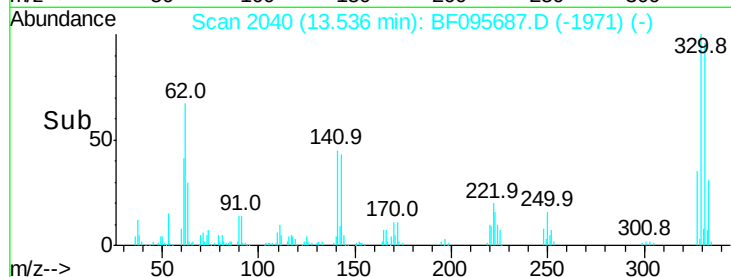
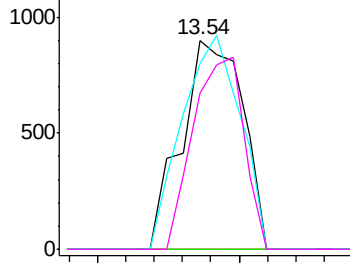


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

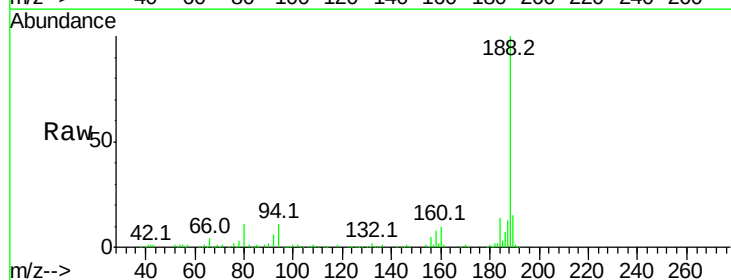
Ion 105.00 (104.70 to 105.70): E

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: BF095687.D
Acq: 5 Jun 2017 22:41

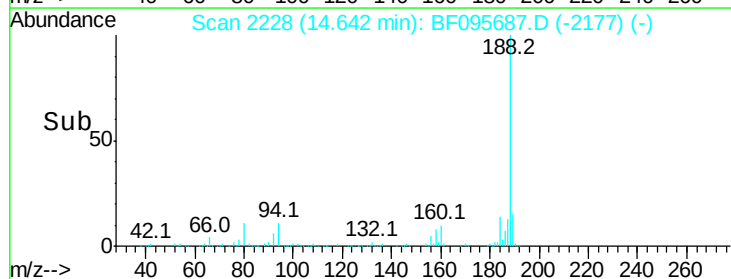
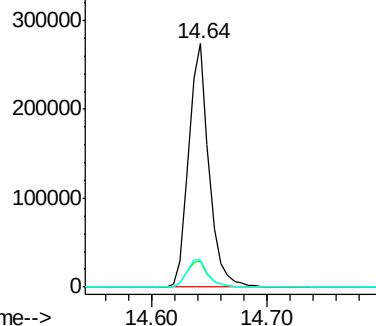
Tgt Ion:	188	Resp:	334626
Ion	Ratio	Lower	Upper
188	100		
94	10.7	9.4	14.2
80	11.1	10.2	15.2

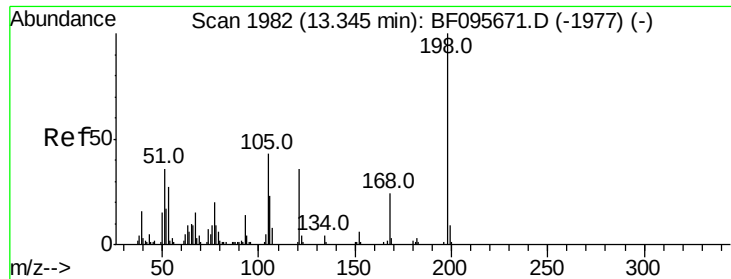


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 0.21 ng

RT: 13.54 min Scan# 2041

Delta R.T. 0.20 min

Lab File: BF095687.D

Acq: 5 Jun 2017 22:41

Instrument :

BNA_F

ClientSampled :

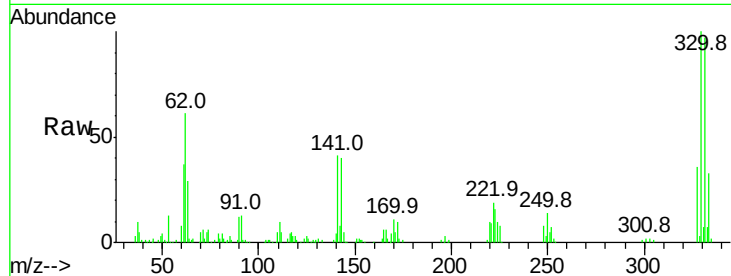
Tot Ion:198 Resp: 465

Ion Ratio Lower Upper

198 100

51 154.3 53.2 93.2#

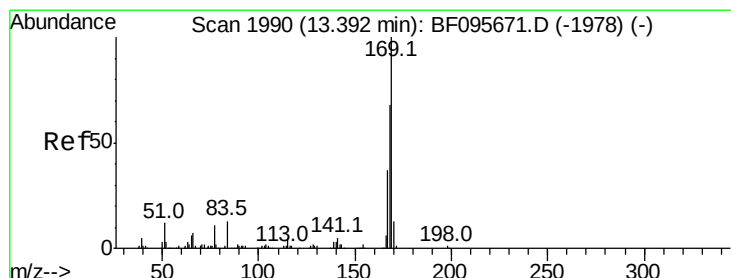
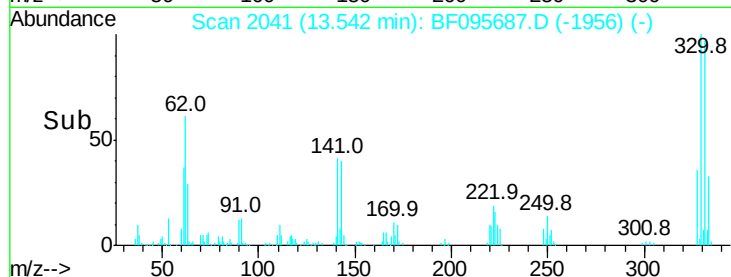
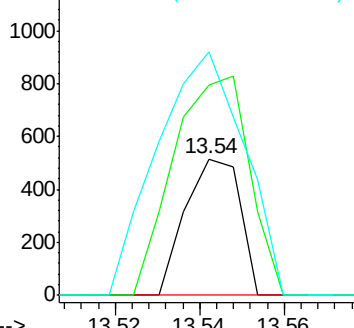
105 178.3 45.8 85.8#



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: 0.72 ng

RT: 13.55 min Scan# 2042

Delta R.T. 0.16 min

Lab File: BF095687.D

Acq: 5 Jun 2017 22:41

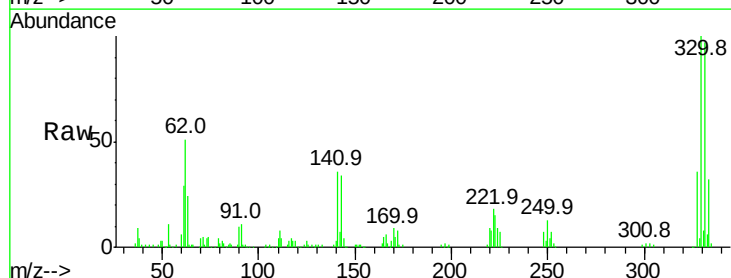
Tgt Ion:169 Resp: 8696

Ion Ratio Lower Upper

169 100

168 8.7 53.2 79.8#

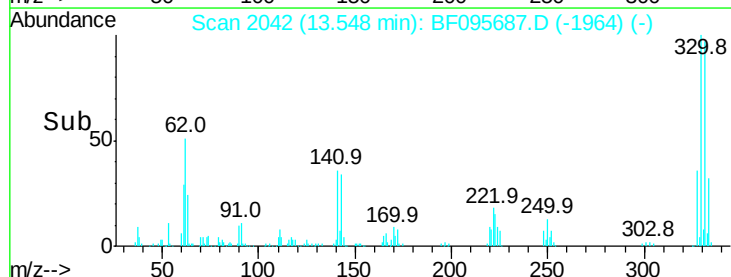
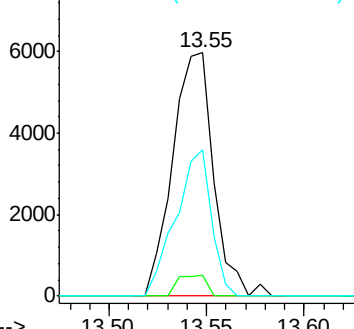
167 60.0 29.5 44.3#

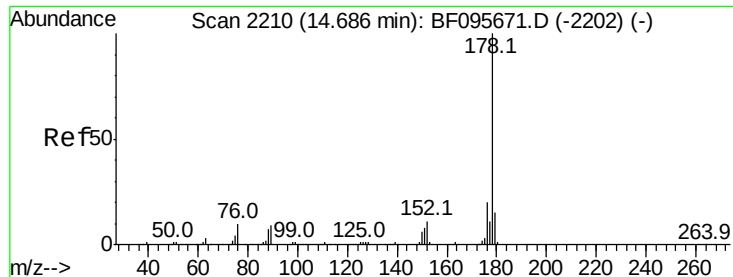


Abundance Ion 169.00 (168.70 to 169.70): E

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: 14.68 min Scan# 2235

Delta R.T. -0.00 min

Lab File: BF095687.D

Acq: 5 Jun 2017 22:41

Instrument :

BNA_F

ClientSampleId :

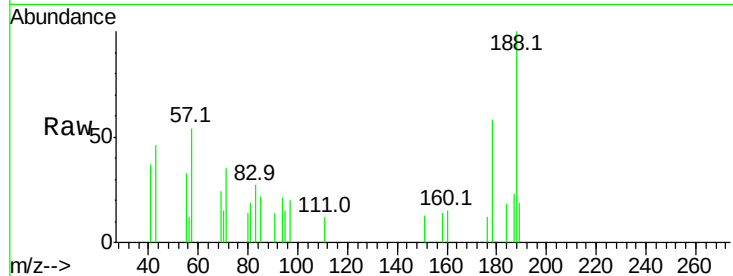
Tot Ion:178 Resp: 2659

Ion Ratio Lower Upper

178 100

176 20.3 16.2 24.4

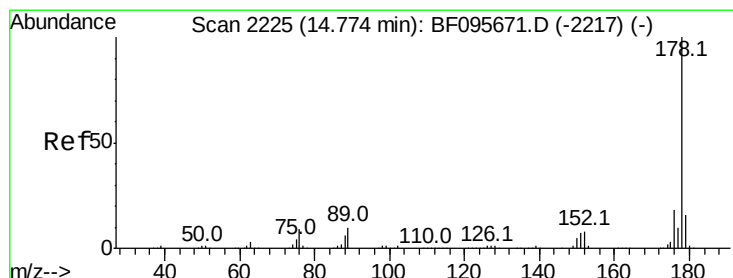
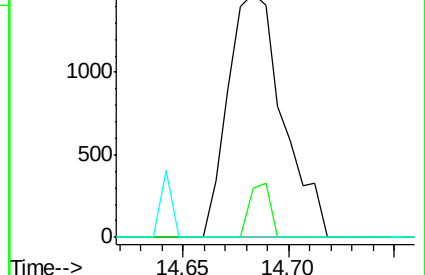
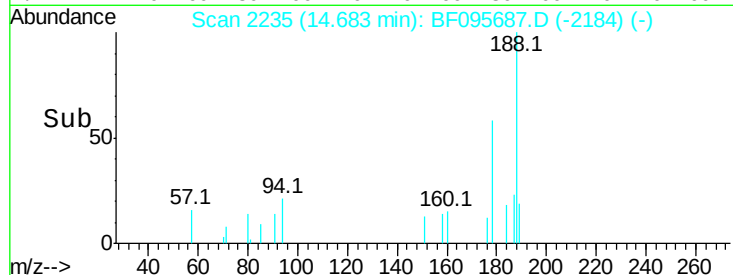
179 0.0 12.6 19.0#



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: 0.03 ng

RT: 14.79 min Scan# 2254

Delta R.T. 0.02 min

Lab File: BF095687.D

Acq: 5 Jun 2017 22:41

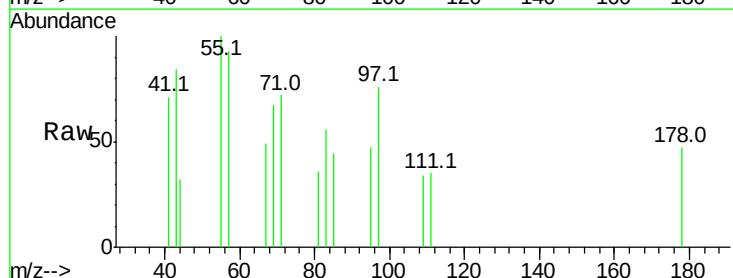
Tgt Ion:178 Resp: 545

Ion Ratio Lower Upper

178 100

176 0.0 15.8 23.8#

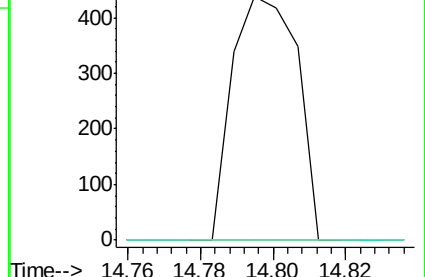
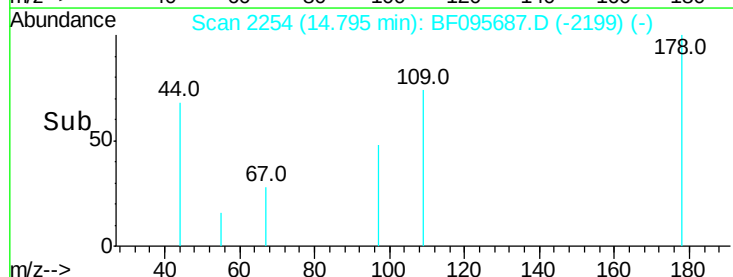
179 0.0 12.7 19.1#

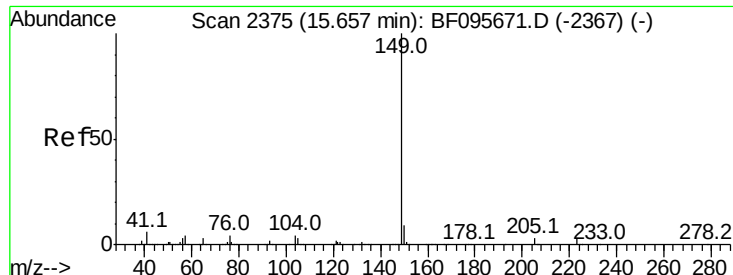


Abundance Ion 178.00 (177.70 to 178.70): E

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: 15.65 min Scan# 2400

Delta R.T. -0.00 min

Lab File: BF095687.D

Acq: 5 Jun 2017 22:41

Instrument :

BNA_F

ClientSampleId :

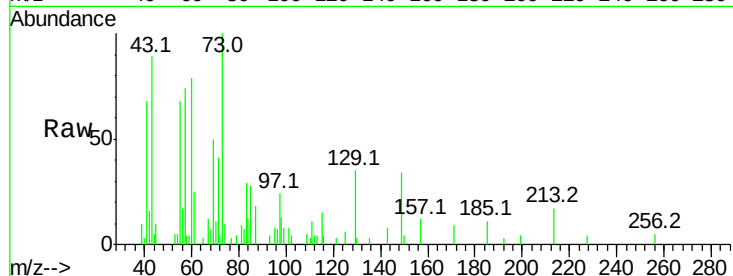
Tot Ion:149 Resp: 6040

Ion Ratio Lower Upper

149 100

150 13.1 7.7 11.5#

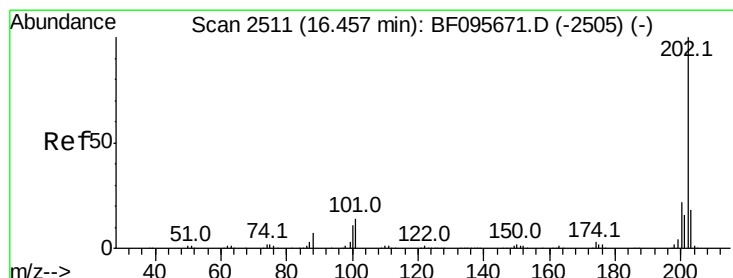
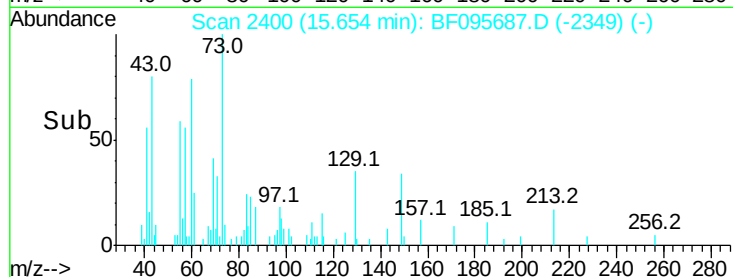
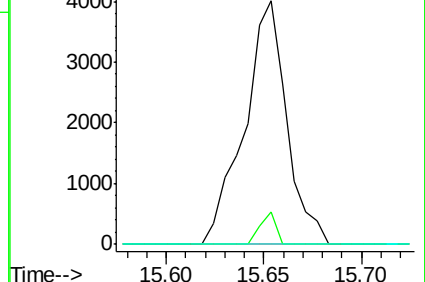
104 0.0 4.0 6.0#



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: 0.32 ng

RT: 16.47 min Scan# 2539

Delta R.T. 0.01 min

Lab File: BF095687.D

Acq: 5 Jun 2017 22:41

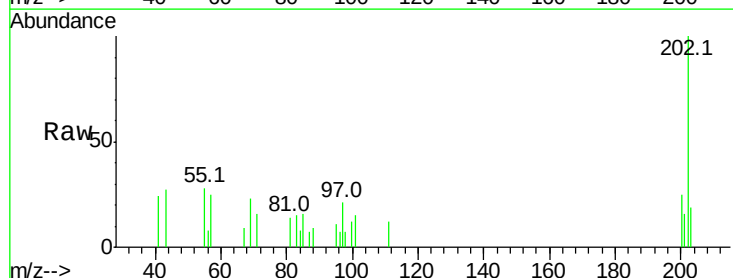
Tgt Ion:202 Resp: 6197

Ion Ratio Lower Upper

202 100

101 14.8 0.0 33.2

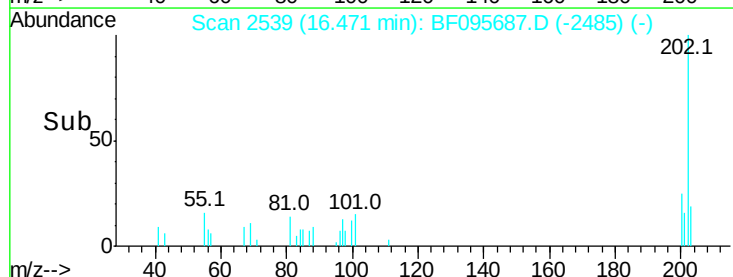
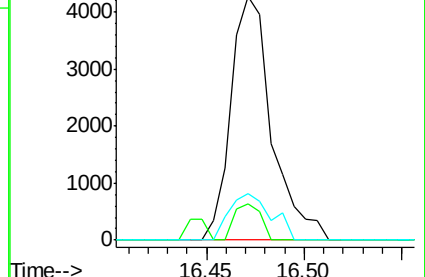
203 19.2 0.0 38.1

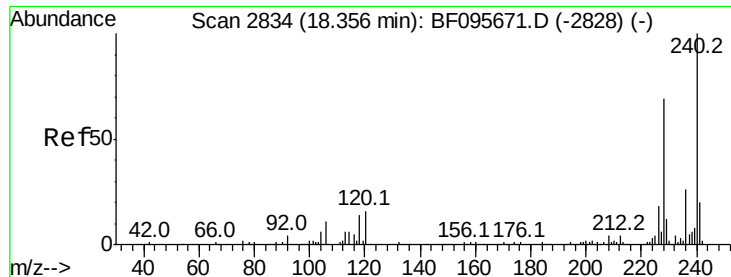


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

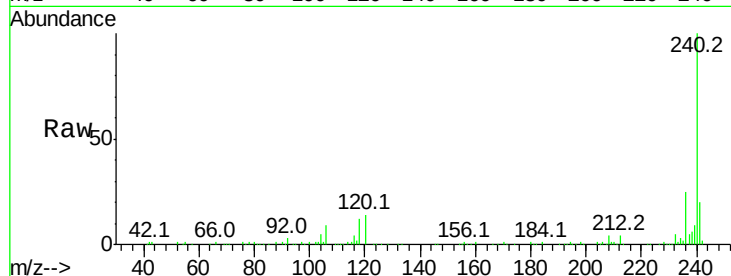




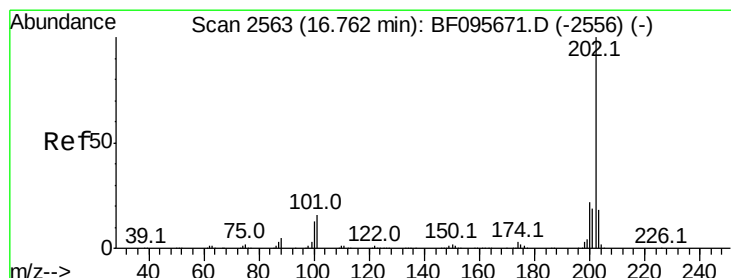
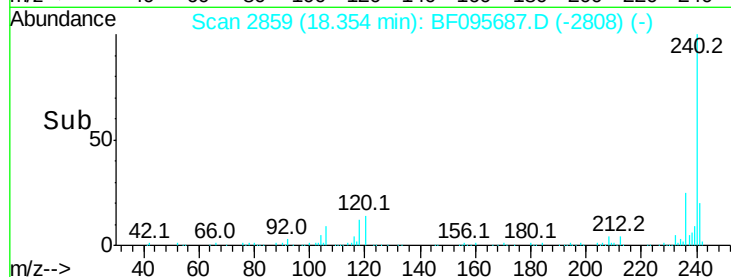
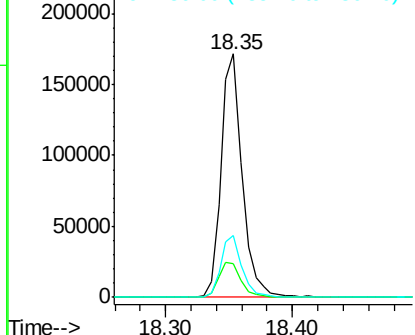
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.35 min Scan# 2859
 Delta R.T. -0.00 min
 Lab File: BF095687.D
 Acq: 5 Jun 2017 22:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:240 Resp: 199396
 Ion Ratio Lower Upper
 240 100
 120 13.8 5.8 8.8#
 236 25.3 20.5 30.7

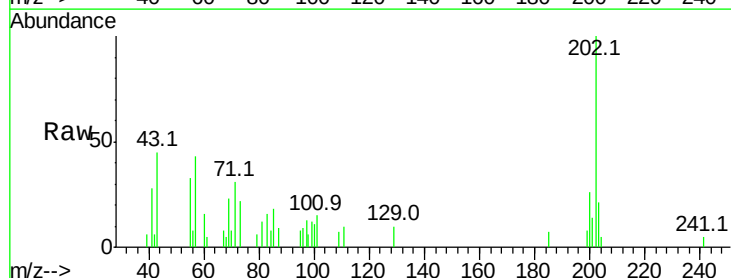


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

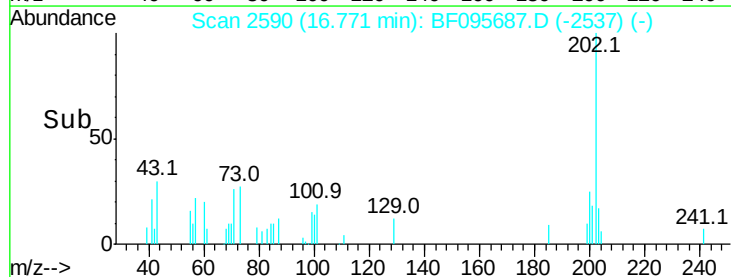
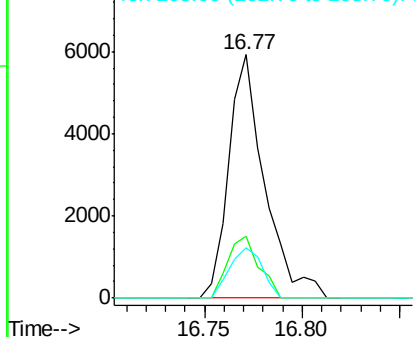


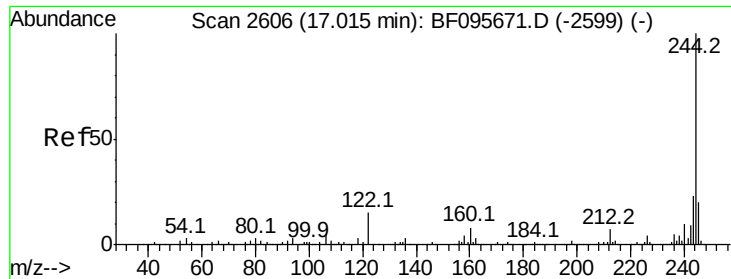
#77
 Pyrene
 Concen: 0.51 ng
 RT: 16.77 min Scan# 2590
 Delta R.T. 0.01 min
 Lab File: BF095687.D
 Acq: 5 Jun 2017 22:41

Tgt Ion:202 Resp: 7555
 Ion Ratio Lower Upper
 202 100
 200 25.7 17.6 26.4
 203 20.8 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

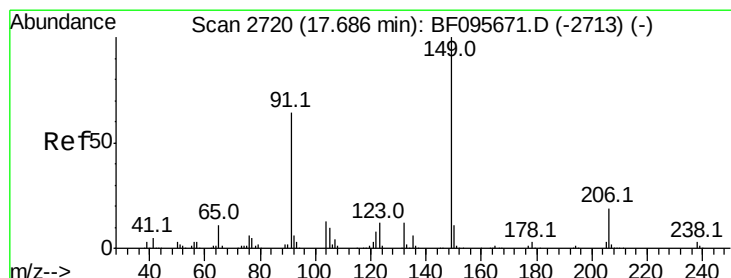
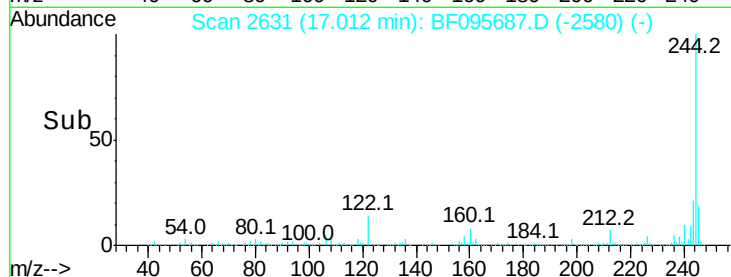
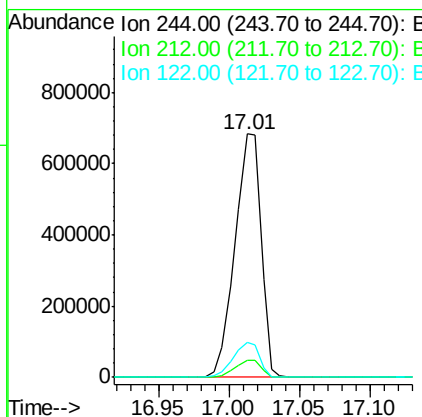
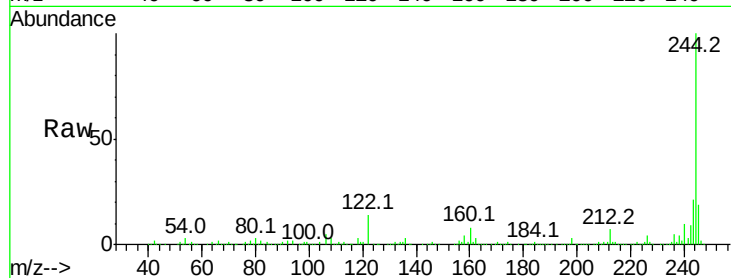




#78
 Terphenyl-d14
 Concen: 110.08 ng
 RT: 17.01 min Scan# 2631
 Delta R.T. -0.00 min
 Lab File: BF095687.D
 Acq: 5 Jun 2017 22:41

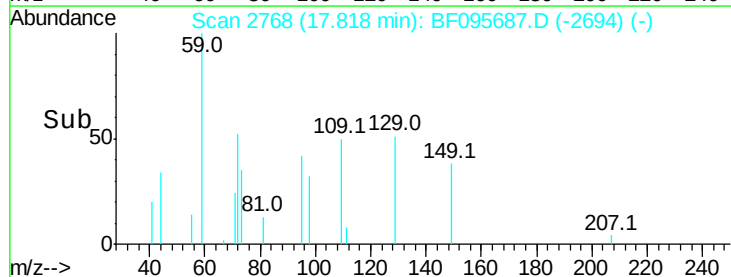
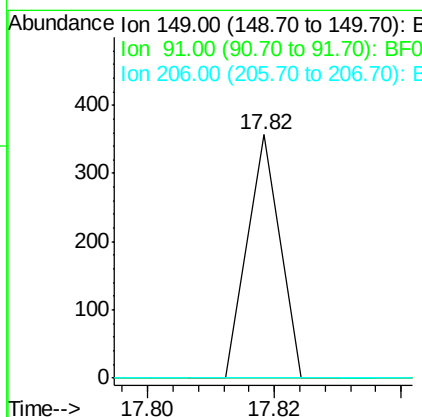
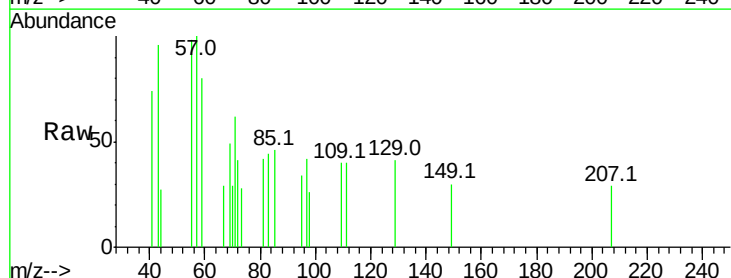
Instrument :
 BNA_F
 ClientSampleId :

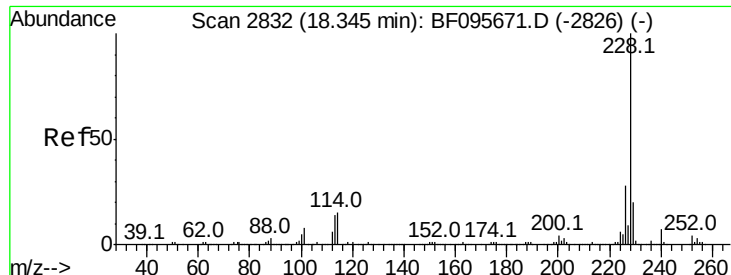
Tot Ion:244 Resp: 884468
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 14.3 10.3 15.5



#79
 Butylbenzylphthalate
 Concen: 0.02 ng
 RT: 17.82 min Scan# 2768
 Delta R.T. 0.13 min
 Lab File: BF095687.D
 Acq: 5 Jun 2017 22:41

Tgt Ion:149 Resp: 126
 Ion Ratio Lower Upper
 149 100
 91 0.0 45.0 67.4#
 206 0.0 17.0 25.6#





#80

Benzo(a)anthracene

Concen: 0.32 ng

RT: 18.34 min Scan# 2857

Delta R.T. -0.00 min

Lab File: BF095687.D

Acq: 5 Jun 2017 22:41

Instrument :

BNA_F

ClientSampleId :

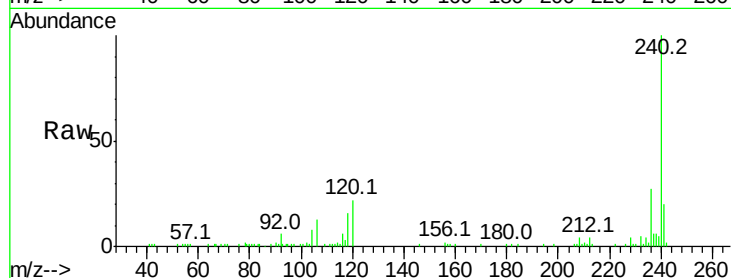
Tot Ion:228 Resp: 3758

Ion Ratio Lower Upper

228 100

226 30.2 22.6 33.8

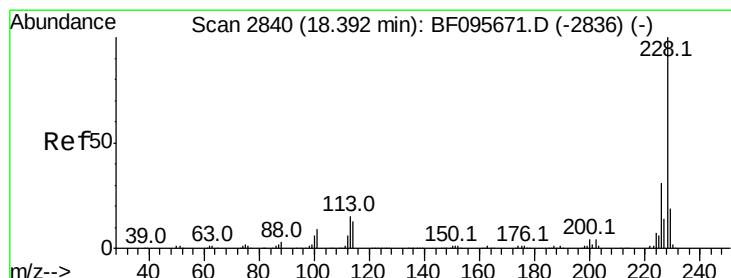
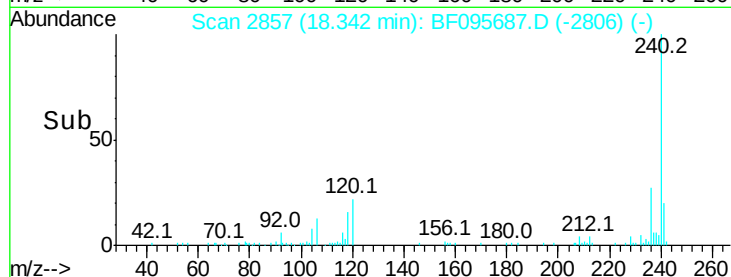
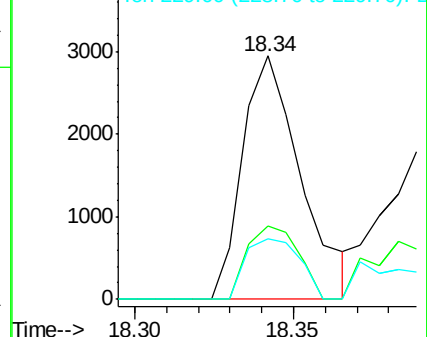
229 24.6 16.3 24.5#



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



#82

Chrysene

Concen: 0.27 ng

RT: 18.39 min Scan# 2865

Delta R.T. -0.00 min

Lab File: BF095687.D

Acq: 5 Jun 2017 22:41

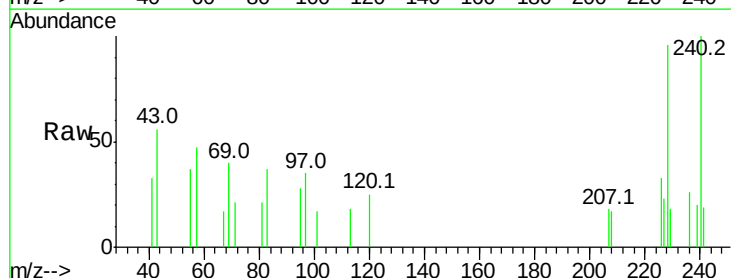
Tgt Ion:228 Resp: 3169

Ion Ratio Lower Upper

228 100

226 34.3 24.9 37.3

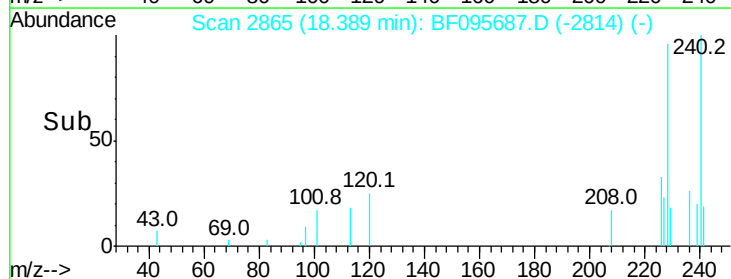
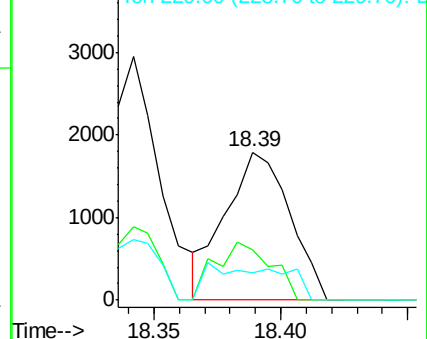
229 18.7 15.8 23.6

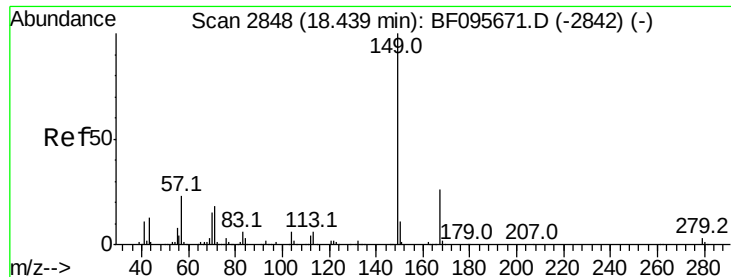


Abundance Ion 228.00 (227.70 to 228.70): E

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: 18.44 min Scan# 2873

Delta R.T. -0.00 min

Lab File: BF095687.D

Acq: 5 Jun 2017 22:41

Instrument :

BNA_F

ClientSampleId :

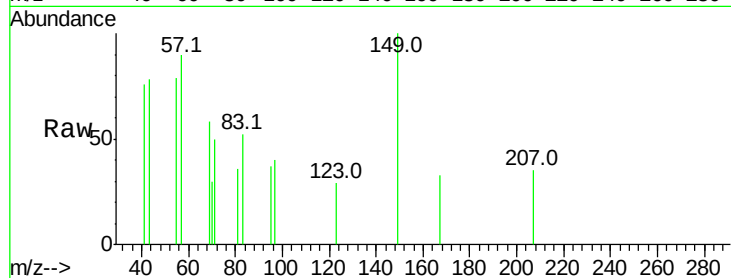
Tot Ion:149 Resp: 1423

Ion Ratio Lower Upper

149 100

167 33.2 21.0 31.4#

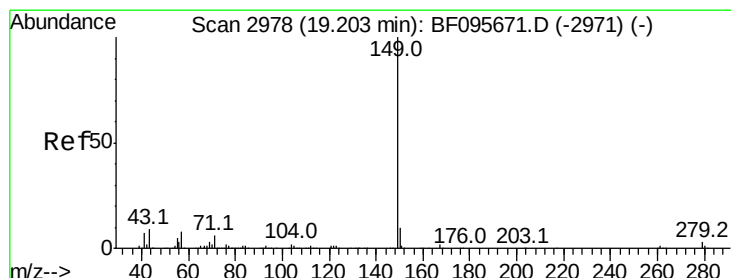
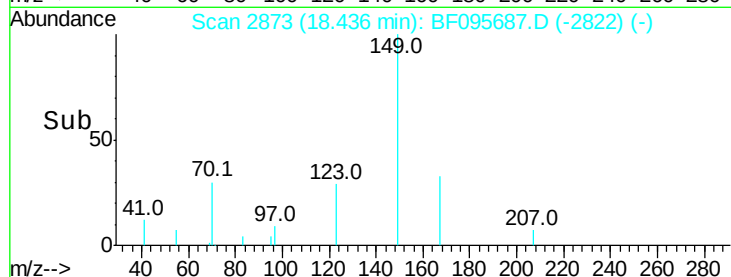
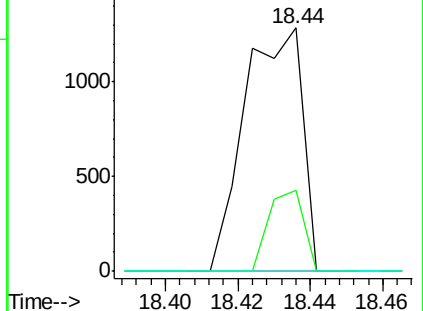
279 0.0 1.9 2.9#



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: 0.02 ng

RT: 19.20 min Scan# 3003

Delta R.T. -0.00 min

Lab File: BF095687.D

Acq: 5 Jun 2017 22:41

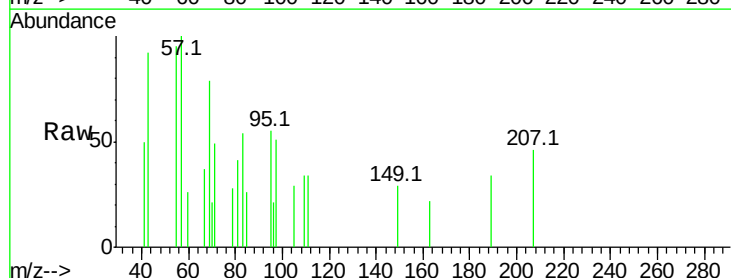
Tgt Ion:149 Resp: 276

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

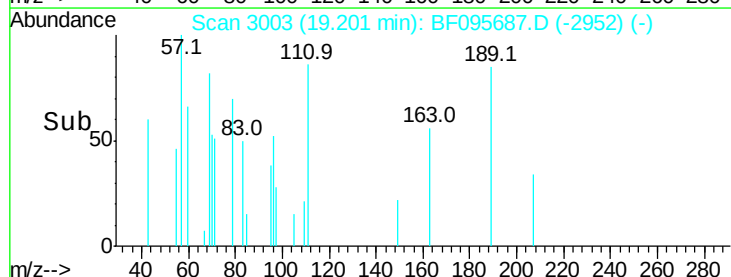
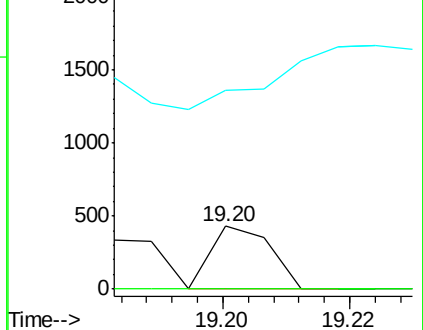
43 0.0 8.5 12.7#

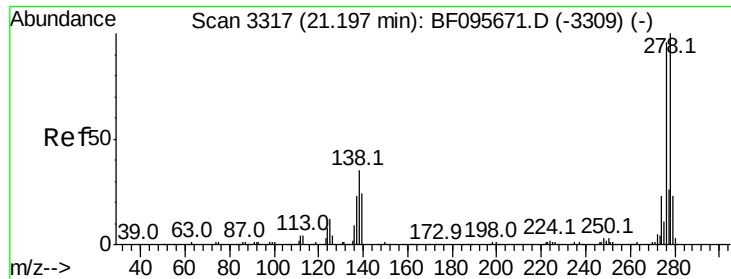


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

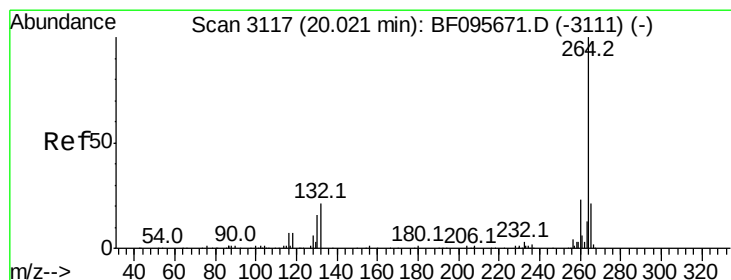
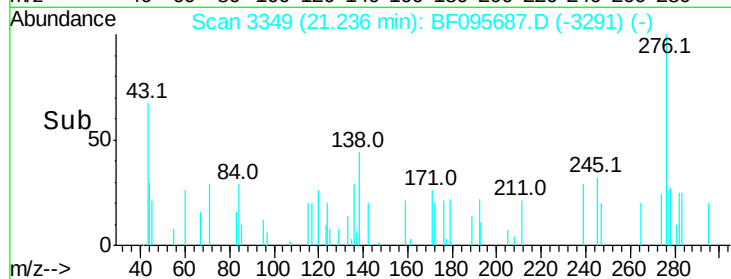
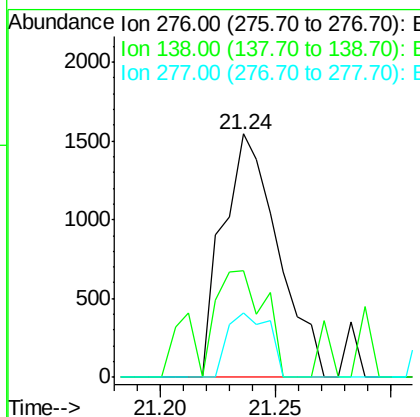
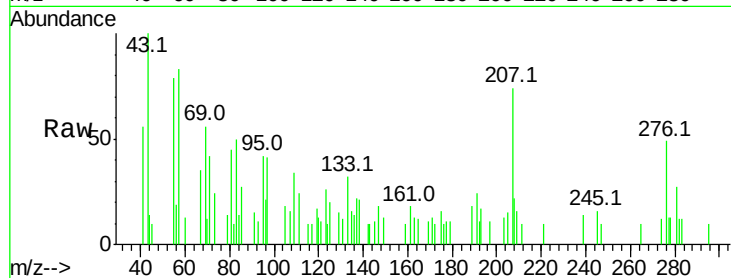




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 0.26 ng
 RT: 21.24 min Scan# 3349
 Delta R.T. 0.04 min
 Lab File: BF095687.D
 Acq: 5 Jun 2017 22:41

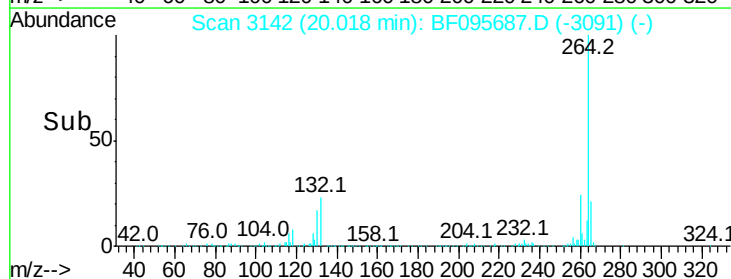
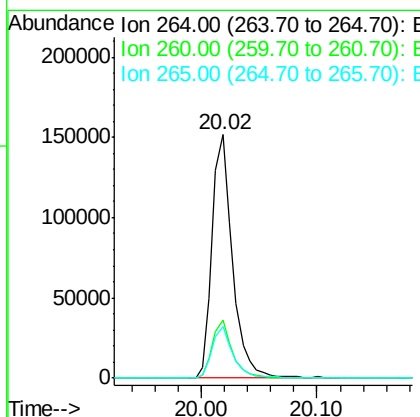
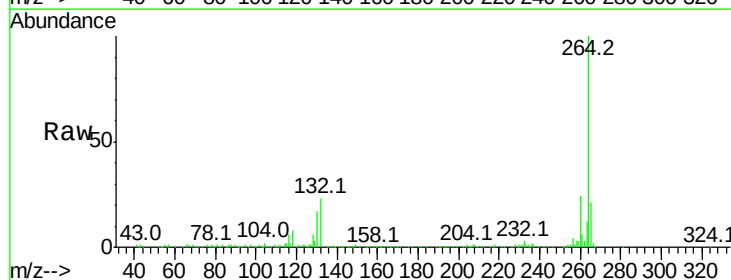
Instrument :
 BNA_F
 ClientSampleId :

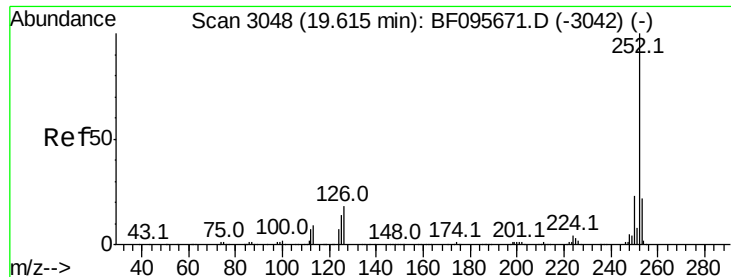
Tot Ion:276 Resp: 2571
 Ion Ratio Lower Upper
 276 100
 138 38.1 27.8 41.6
 277 19.8 20.2 30.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.02 min Scan# 3142
 Delta R.T. -0.00 min
 Lab File: BF095687.D
 Acq: 5 Jun 2017 22:41

Tgt Ion:264 Resp: 186783
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.5 29.3
 265 21.2 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 0.39 ng

RT: 19.63 min Scan# 3076

Delta R.T. 0.01 min

Lab File: BF095687.D

Acq: 5 Jun 2017 22:41

Instrument :

BNA_F

ClientSampleId :

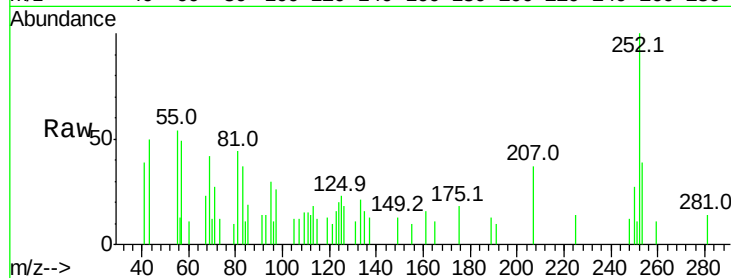
Tot Ion:252 Resp: 4513

Ion Ratio Lower Upper

252 100

253 38.8 18.1 27.1#

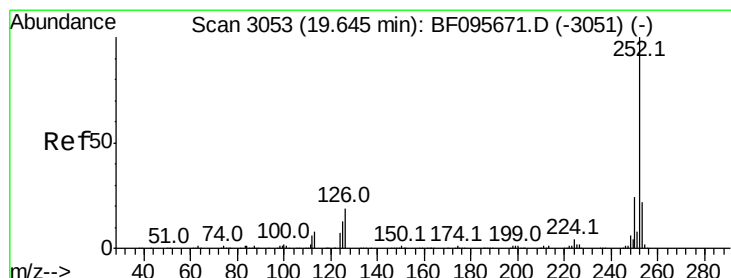
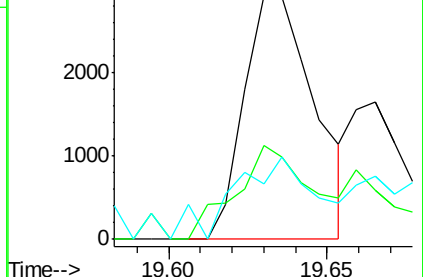
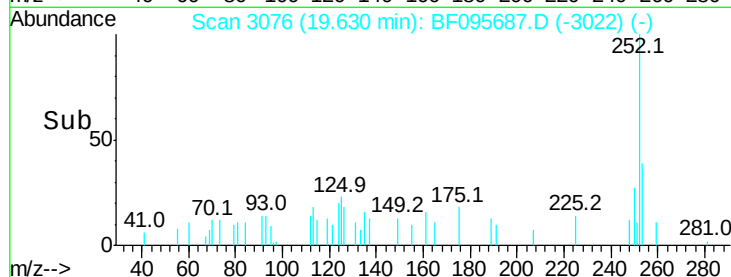
125 22.7 9.8 14.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 0.40 ng

RT: 19.63 min Scan# 3076

Delta R.T. -0.01 min

Lab File: BF095687.D

Acq: 5 Jun 2017 22:41

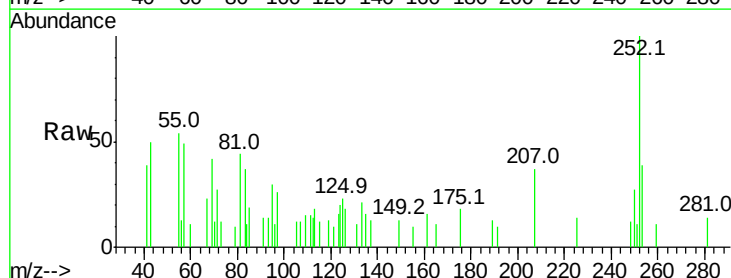
Tgt Ion:252 Resp: 4513

Ion Ratio Lower Upper

252 100

253 38.8 18.4 27.6#

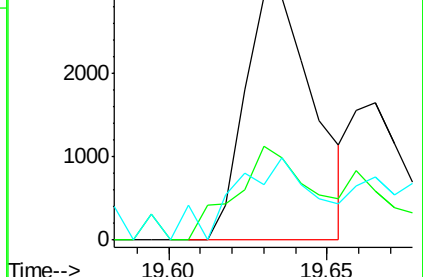
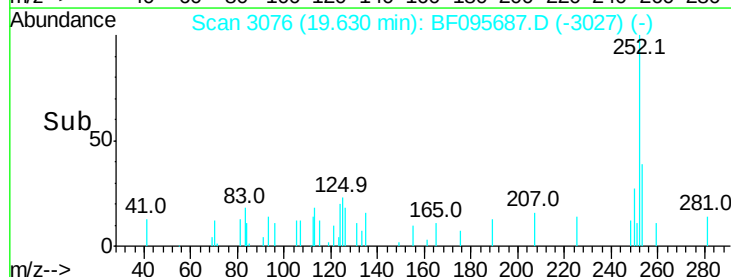
125 22.7 13.1 19.7#

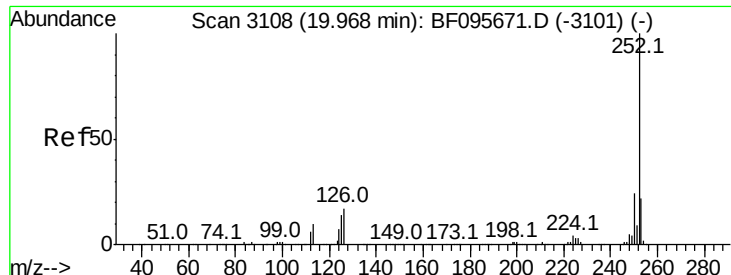


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

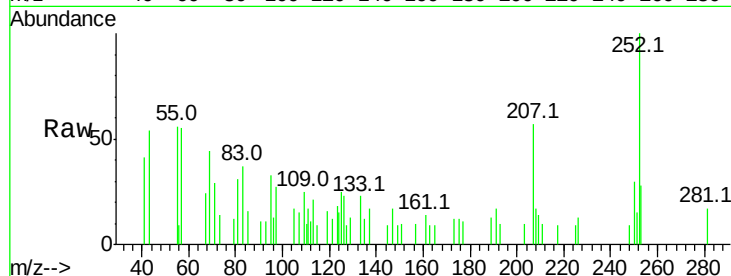




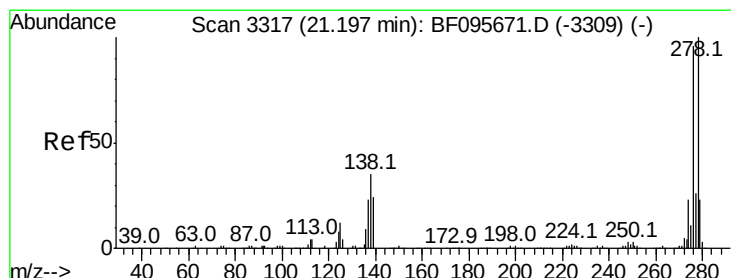
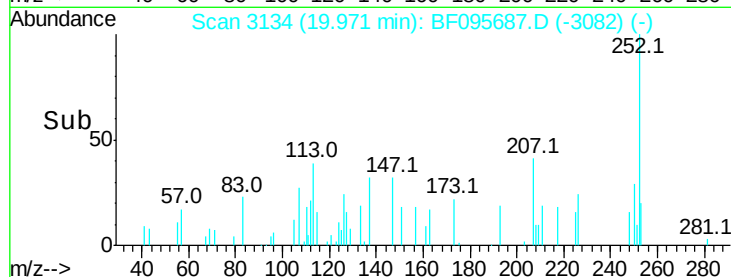
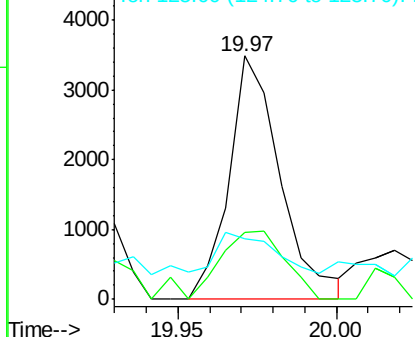
#89
Benzo(a)pyrene
Concen: 0.36 ng
RT: 19.97 min Scan# 3134
Delta R.T. 0.00 min
Lab File: BF095687.D
Acq: 5 Jun 2017 22:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 3920
Ion Ratio Lower Upper
252 100
253 27.6 17.5 26.3#
125 25.1 11.0 16.4#

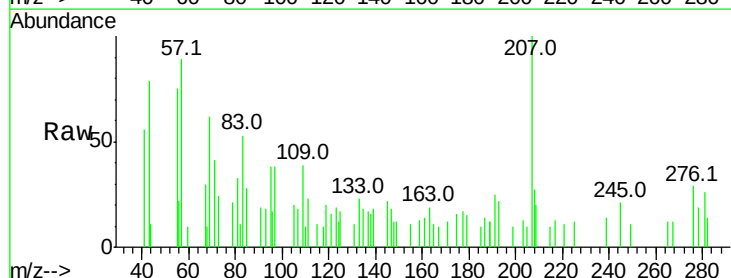


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

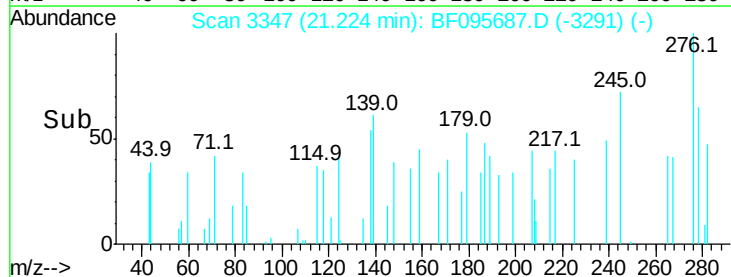
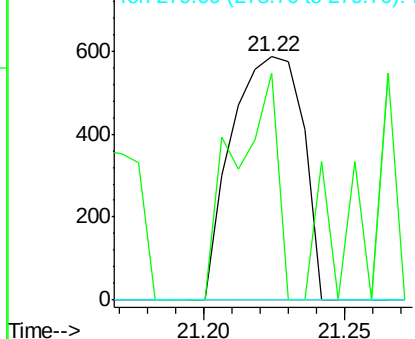


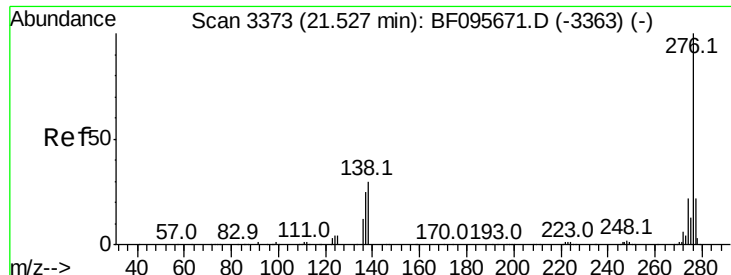
#90
Dibenzo(a,h)anthracene
Concen: 0.11 ng
RT: 21.22 min Scan# 3347
Delta R.T. 0.03 min
Lab File: BF095687.D
Acq: 5 Jun 2017 22:41

Tgt Ion:278 Resp: 1023
Ion Ratio Lower Upper
278 100
139 93.4 16.6 24.8#
279 0.0 19.3 28.9#



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 0.30 ng

RT: 21.57 min Scan# 3406

Delta R.T. 0.04 min

Lab File: BF095687.D

Acq: 5 Jun 2017 22:41

Instrument :

BNA_F

ClientSampleId :

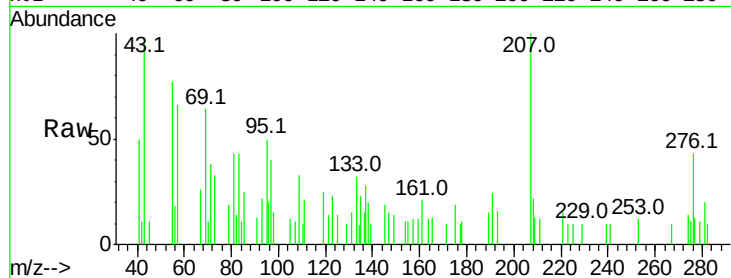
Tot Ion:276 Resp: 2805

Ion Ratio Lower Upper

276 100

277 30.4 18.6 28.0#

138 46.2 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

