

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060517\
 Data File : BF095682.D
 Acq On : 5 Jun 2017 20:00
 Operator : SJ/MA
 Sample : I3441-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 06 01:16:06 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	101101	20.00	ng	0.00
21) Naphthalene-d8	9.42	136	400661	20.00	ng	0.00
38) Acenaphthene-d10	12.25	164	185003	20.00	ng	0.00
63) Phenanthrene-d10	14.64	188	344192	20.00	ng	0.00
75) Chrysene-d12	18.35	240	314383	20.00	ng	0.00
86) Perylene-d12	20.02	264	220247	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	877744	138.34	ng	0.03
7) Phenol-d6	6.96	99	997599	131.34	ng	0.00
23) Nitrobenzene-d5	8.31	82	669029	103.70	ng	0.00
41) 2,4,6-Tribromophenol	13.54	330	266168	162.61	ng	0.00
44) 2-Fluorobiphenyl	11.21	172	1273404	95.78	ng	0.00
78) Terphenyl-d14	17.02	244	1131432	89.32	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	1.64	88	4607	1.53	ng	# 68
4) n-Nitrosodimethylamine	2.26	42	267	0.10	ng	# 53
6) Aniline	7.06	93	1277	0.13	ng	# 1
9) Benzaldehyde	6.96	77	932	0.18	ng	# 1
10) Phenol	7.06	94	1760	0.22	ng	# 1
11) bis(2-Chloroethyl)ether	7.06	93	1277	0.20	ng	# 1
13) 1,4-Dichlorobenzene	7.65	146	118	0.02	ng	# 1
14) 1,2-Dichlorobenzene	7.65	146	118	0.02	ng	# 1
15) Benzyl Alcohol	7.64	79	9871	1.89	ng	# 33
16) 2,2'-oxybis(1-Chloropropan	7.88	45	732	0.08	ng	# 70
19) n-Nitroso-di-n-propylamine	8.31	70	85052	17.67	ng	# 75
24) Nitrobenzene	8.31	77	1334	0.19	ng	# 40
25) Isophorone	8.70	82	121	0.01	ng	# 67
31) Naphthalene	9.46	128	11742	0.58	ng	# 99
33) 4-Chloroaniline	9.47	127	1099	0.14	ng	# 39
37) 2-Methylnaphthalene	10.62	142	2291	0.17	ng	# 92
45) 1,1'-Biphenyl	11.35	154	703	0.05	ng	# 42
50) 2,6-Dinitrotoluene	12.25	165	23518	7.68	ng	# 33
51) Acenaphthene	12.30	154	690	0.06	ng	# 75
54) Dibenzofuran	12.64	168	258	0.02	ng	# 45
57) Fluorene	13.16	166	1087	0.08	ng	# 81
59) Diethylphthalate	13.05	149	16540	1.22	ng	# 99
62) Azobenzene	13.54	77	1188	0.10	ng	# 16
64) 4,6-Dinitro-2-methylphenol	13.54	198	259	0.11	ng	# 1
65) n-Nitrosodiphenylamine	13.54	169	9047	0.73	ng	# 44
70) Phenanthrene	14.68	178	2095	0.11	ng	# 59
71) Anthracene	14.68	178	2095	0.10	ng	# 59
72) Carbazole	15.14	167	3048	0.15	ng	# 58
73) Di-n-butylphthalate	15.65	149	15474	0.72	ng	# 97
74) Fluoranthene	16.49	202	124	0.01	ng	# 62
77) Pyrene	16.80	202	241	0.01	ng	# 56
79) Butylbenzylphthalate	17.68	149	453	0.04	ng	# 32
80) Benzo(a)anthracene	18.35	228	509	0.03	ng	# 50
82) Chrysene	18.35	228	509	0.03	ng	# 49

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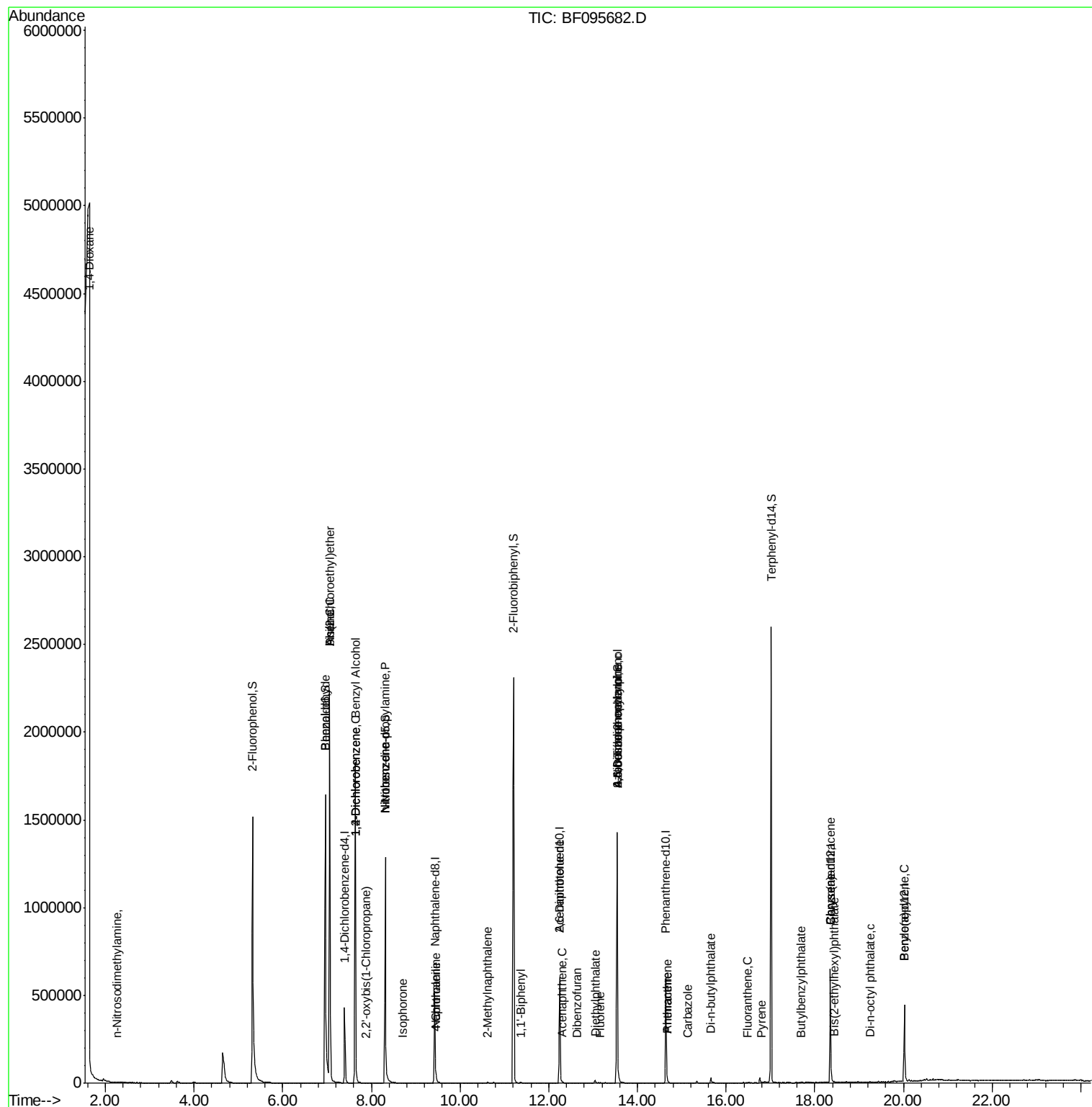
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) Bis(2-ethylhexyl)phthalate	18.43	149	3444	0.24	nq	# 88
84) Di-n-octyl phthalate	19.25	149	613	0.03	nq	# 20
89) Benzo(a)pyrene	20.02	252	485	0.04	nq	# 59

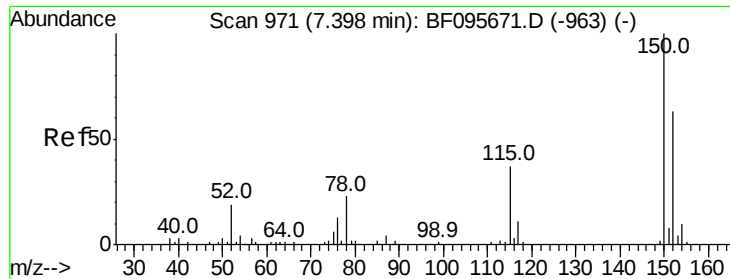
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF095682.D

Acq: 5 Jun 2017 20:00

Instrument :

BNA_F

ClientSampleId :

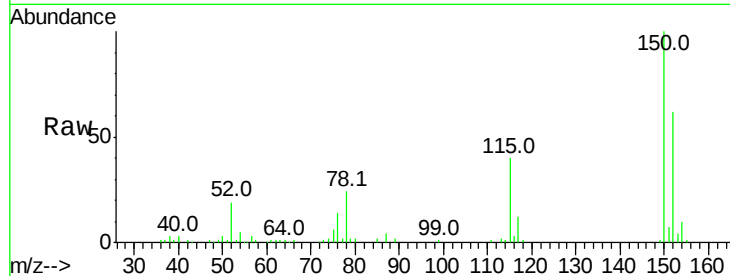
Tot Ion:152 Resp: 101101

Ion Ratio Lower Upper

152 100

150 160.5 126.2 189.2

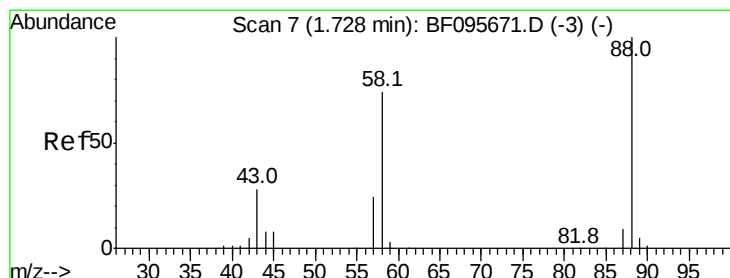
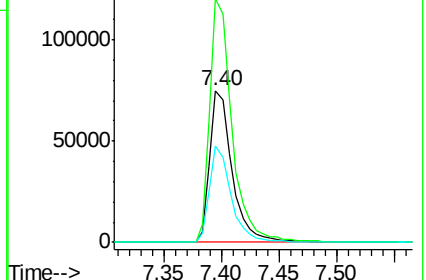
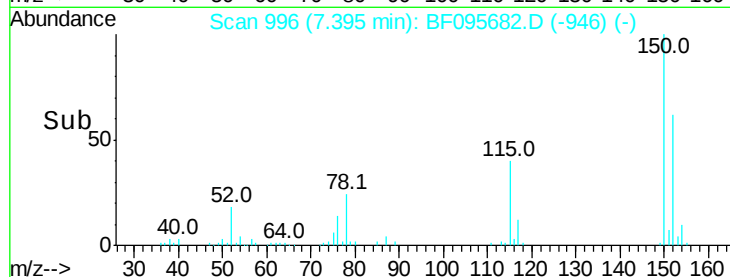
115 63.7 52.2 78.2



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: 1.53 ng

RT: 1.64 min Scan# 18

Delta R.T. -0.09 min

Lab File: BF095682.D

Acq: 5 Jun 2017 20:00

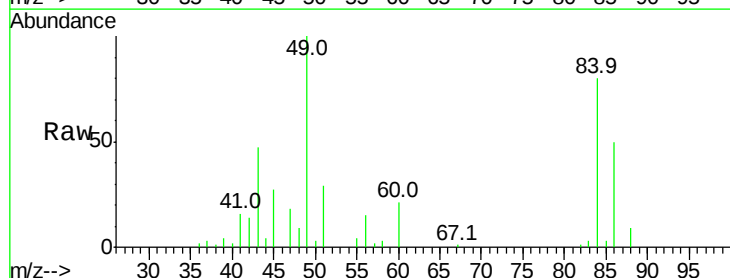
Tgt Ion: 88 Resp: 4607

Ion Ratio Lower Upper

88 100

58 56.8 61.4 92.0#

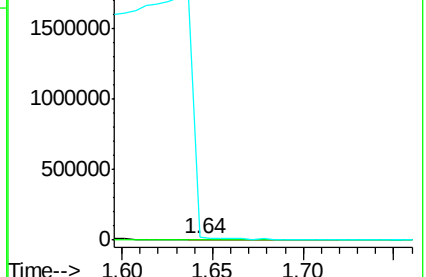
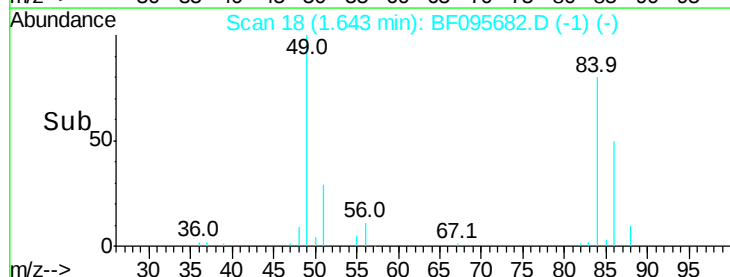
43 0.0 23.4 35.0#

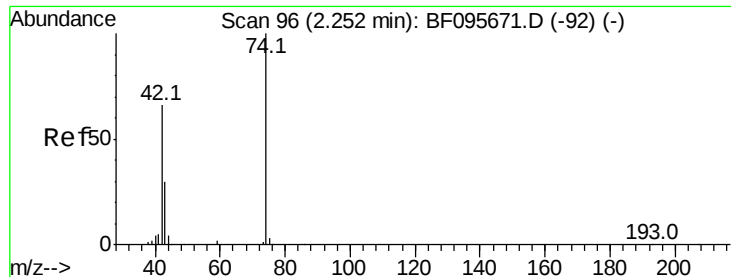


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#4

n-Nitrosodimethylamine

Concen: 0.10 ng

RT: 2.26 min Scan# 123

Delta R.T. 0.01 min

Lab File: BF095682.D

Acq: 5 Jun 2017 20:00

Instrument :

BNA_F

ClientSampled :

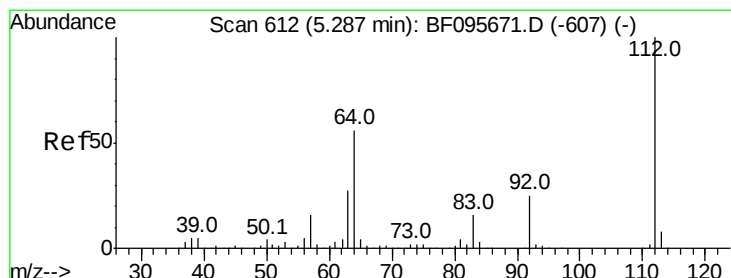
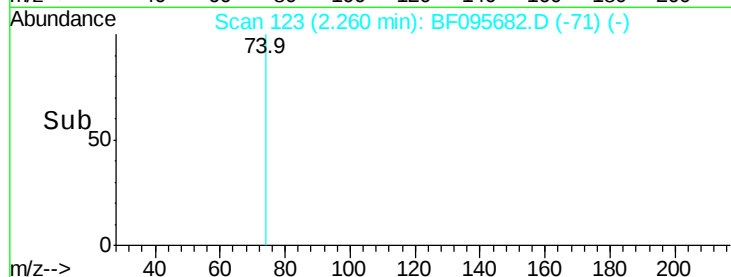
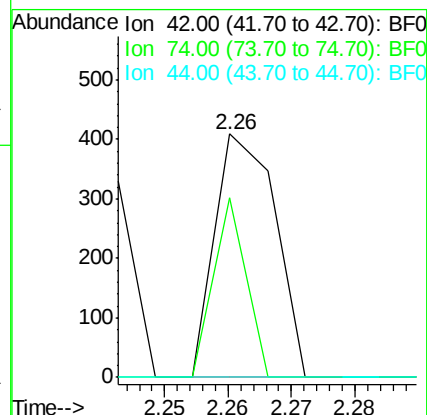
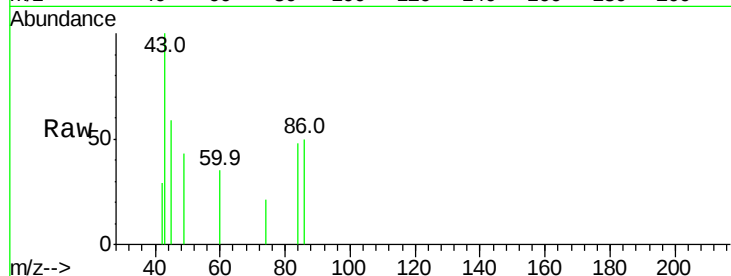
Tot Ion: 42 Resp: 267

Ion Ratio Lower Upper

42 100

74 73.8 103.9 155.9#

44 0.0 5.7 8.5#



#5

2-Fluorophenol

Concen: 138.34 ng

RT: 5.32 min Scan# 643

Delta R.T. 0.03 min

Lab File: BF095682.D

Acq: 5 Jun 2017 20:00

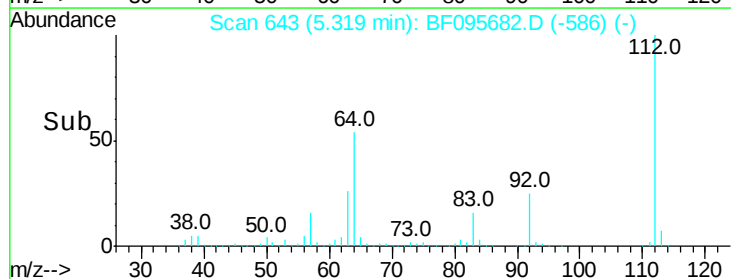
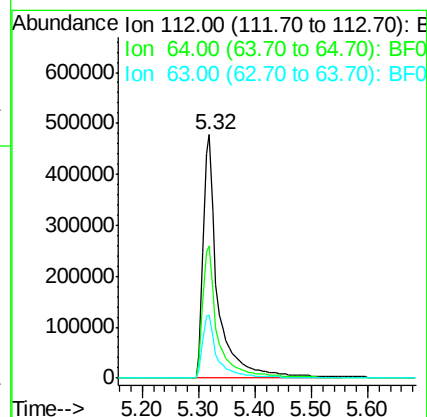
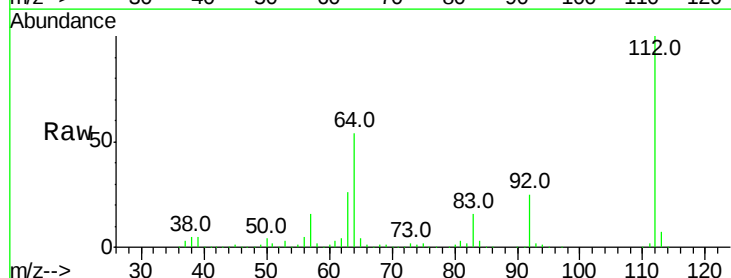
Tgt Ion: 112 Resp: 877744

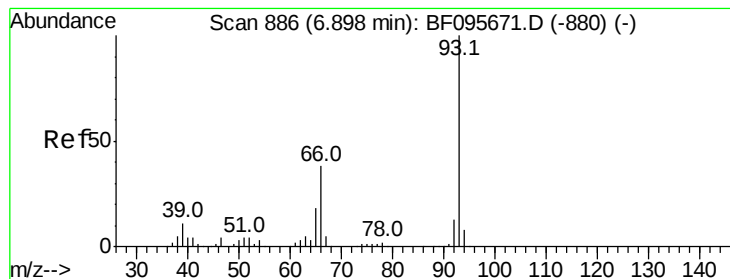
Ion Ratio Lower Upper

112 100

64 54.3 46.0 69.0

63 26.1 23.4 35.0





#6

Aniline

Concen: 0.13 ng

RT: 7.06 min Scan# 939

Delta R.T. 0.16 min

Lab File: BF095682.D

Acq: 5 Jun 2017 20:00

Instrument :

BNA_F

ClientSampleId :

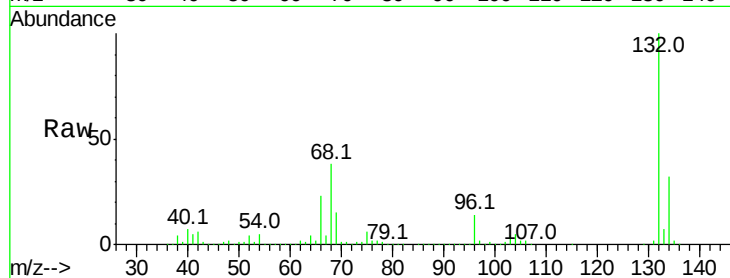
Tot Ion: 93 Resp: 1277

Ion Ratio Lower Upper

93 100

66 14395.6 32.9 49.3#

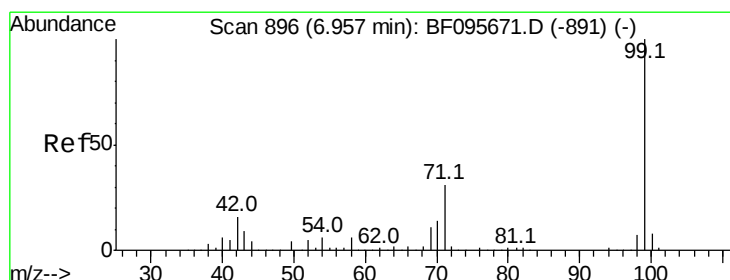
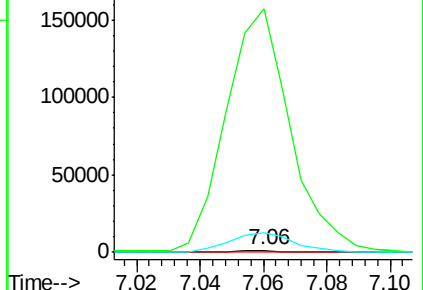
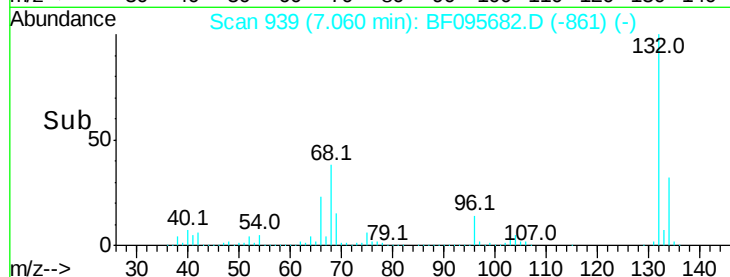
65 1174.7 16.0 24.0#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#7

Phenol-d6

Concen: 131.34 ng

RT: 6.96 min Scan# 922

Delta R.T. 0.00 min

Lab File: BF095682.D

Acq: 5 Jun 2017 20:00

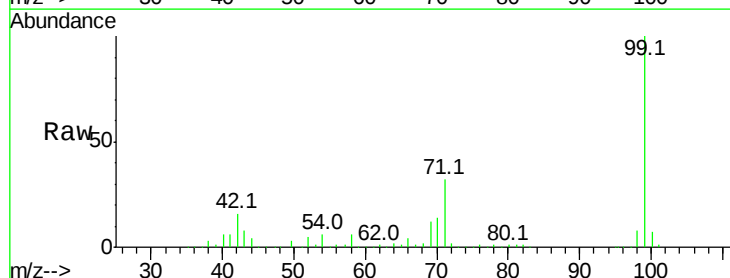
Tgt Ion: 99 Resp: 997599

Ion Ratio Lower Upper

99 100

42 16.3 13.5 20.3

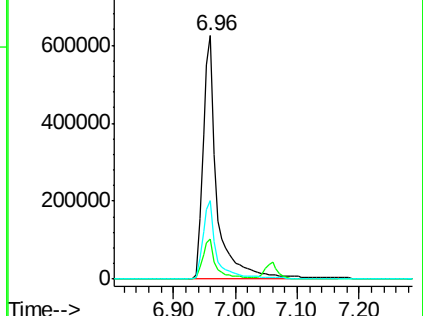
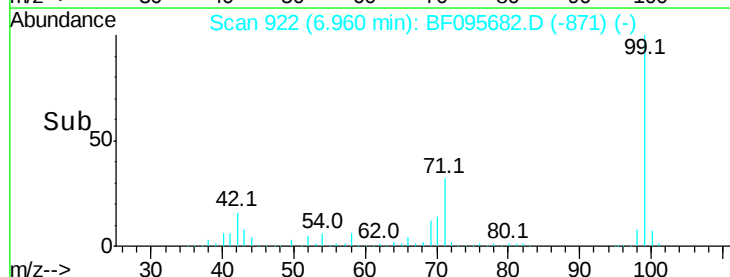
71 32.3 24.5 36.7

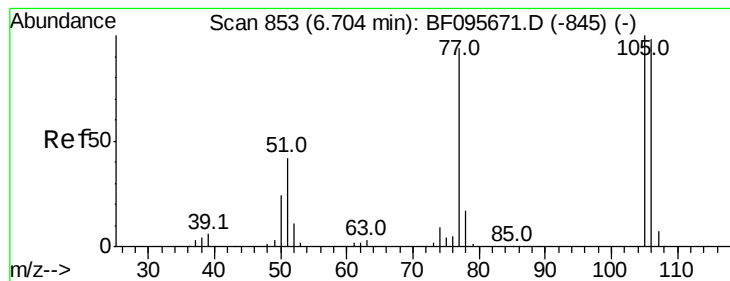


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#9

Benzaldehyde

Concen: 0.18 ng

RT: 6.96 min Scan# 922

Delta R.T. 0.26 min

Lab File: BF095682.D

Acq: 5 Jun 2017 20:00

Instrument :

BNA_F

ClientSampled :

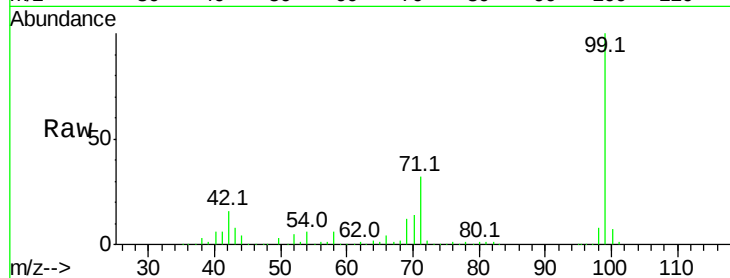
Tot Ion: 77 Resp: 932

Ion Ratio Lower Upper

77 100

105 0.0 83.8 123.8#

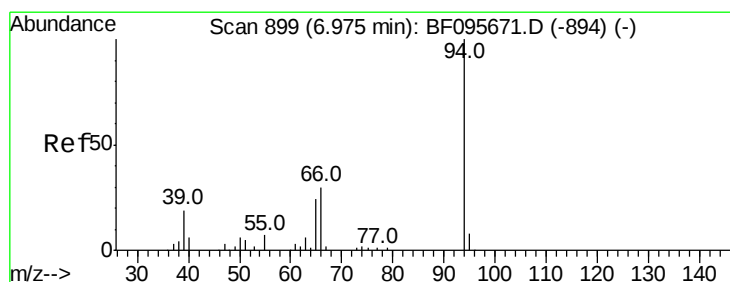
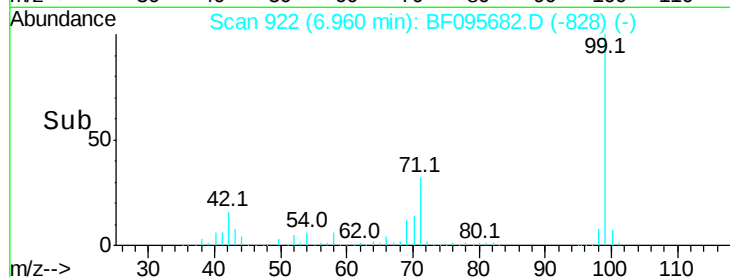
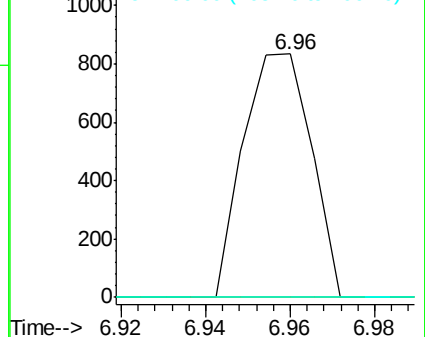
106 0.0 79.1 119.1#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 0.22 ng

RT: 7.06 min Scan# 939

Delta R.T. 0.09 min

Lab File: BF095682.D

Acq: 5 Jun 2017 20:00

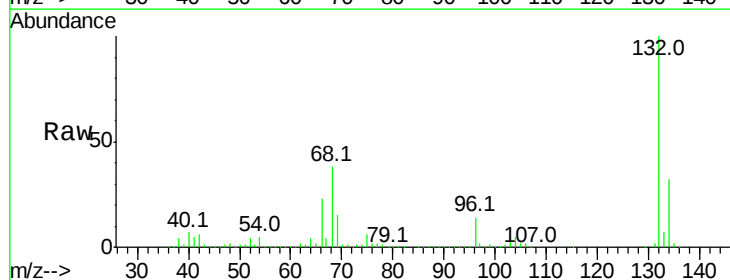
Tgt Ion: 94 Resp: 1760

Ion Ratio Lower Upper

94 100

65 1126.2 9.9 49.9#

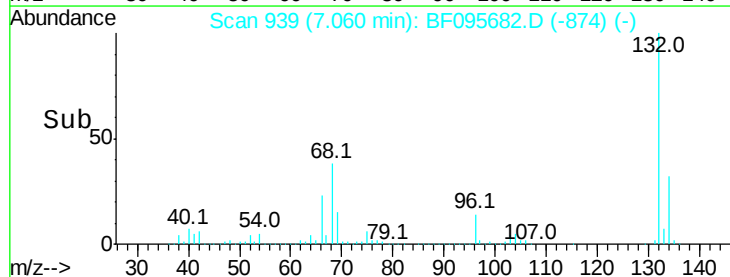
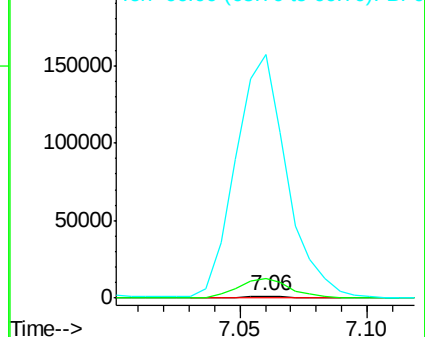
66 13801.1 23.1 63.1#

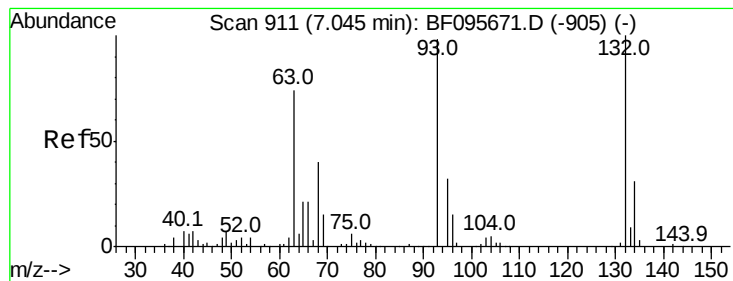


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

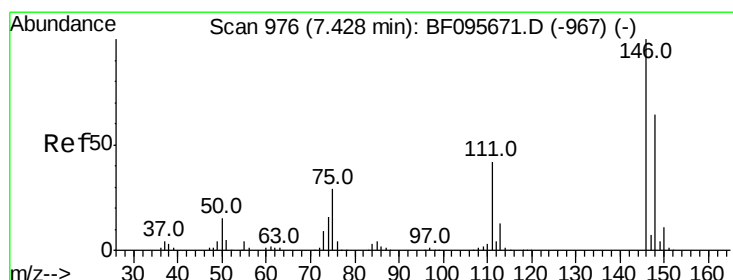
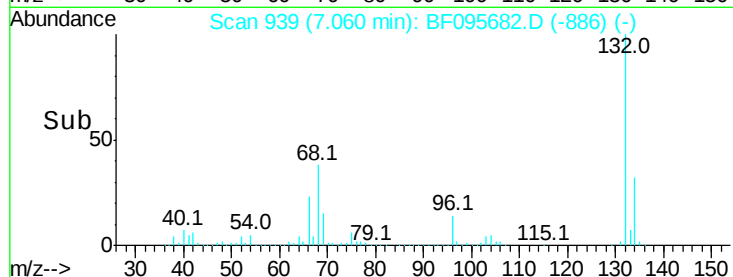
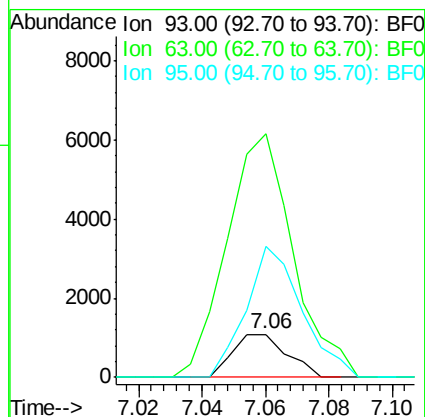
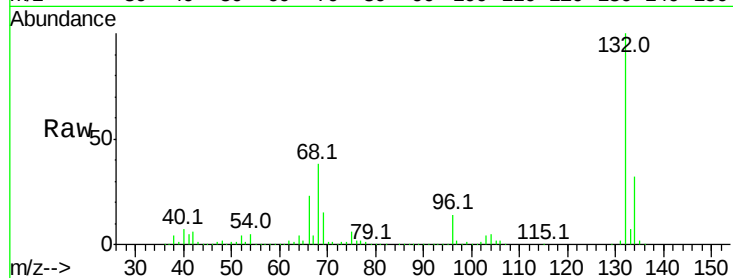




#11
bis(2-Chloroethyl)ether
Concen: 0.20 ng
RT: 7.06 min Scan# 939
Delta R.T. 0.01 min
Lab File: BF095682.D
Acq: 5 Jun 2017 20:00

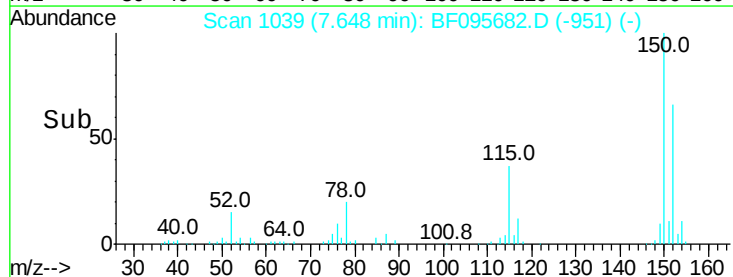
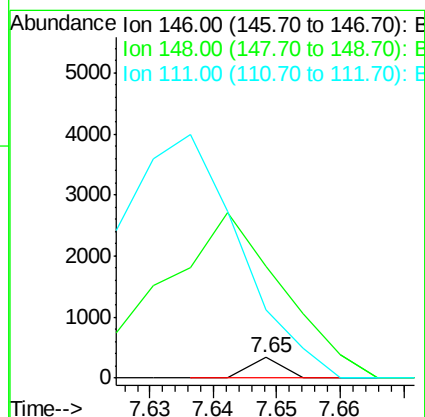
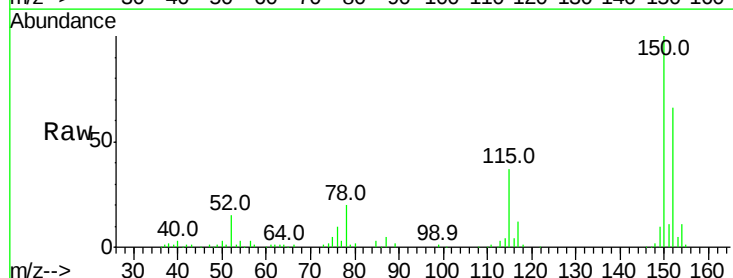
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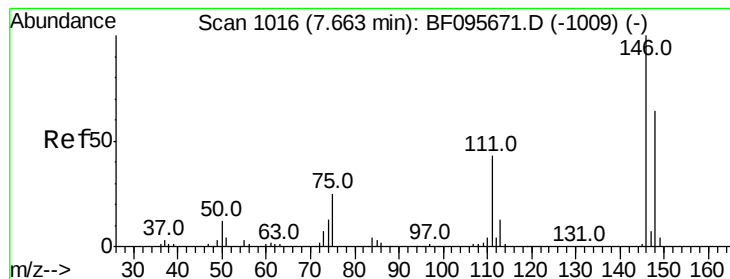
Tot Ion: 93 Resp: 1277
Ion Ratio Lower Upper
93 100
63 564.2 59.2 99.2#
95 302.5 12.8 52.8#



#13
1,4-Dichlorobenzene
Concen: 0.02 ng
RT: 7.65 min Scan# 1039
Delta R.T. 0.22 min
Lab File: BF095682.D
Acq: 5 Jun 2017 20:00

Tgt Ion: 146 Resp: 118
Ion Ratio Lower Upper
146 100
148 547.9 52.2 78.2#
111 332.3 30.3 45.5#





#14

1,2-Dichlorobenzene

Concen: 0.02 ng

RT: 7.65 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF095682.D

Acq: 5 Jun 2017 20:00

Instrument :

BNA_F

ClientSampleId :

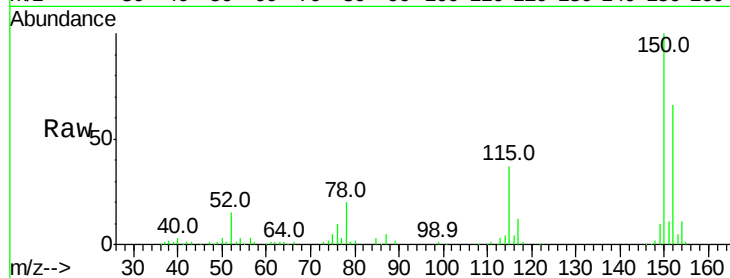
Tot Ion:146 Resp: 118

Ion Ratio Lower Upper

146 100

148 547.9 50.4 75.6#

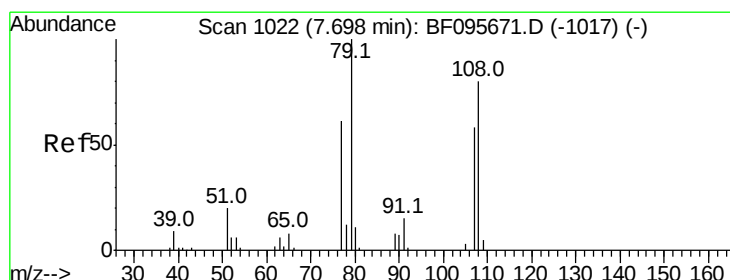
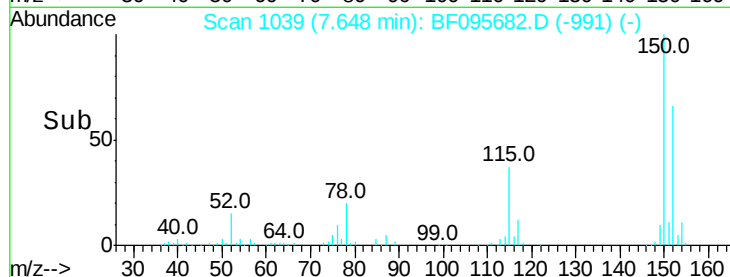
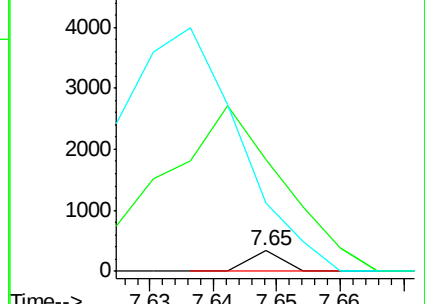
111 332.3 38.2 57.4#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 1.89 ng

RT: 7.64 min Scan# 1037

Delta R.T. -0.06 min

Lab File: BF095682.D

Acq: 5 Jun 2017 20:00

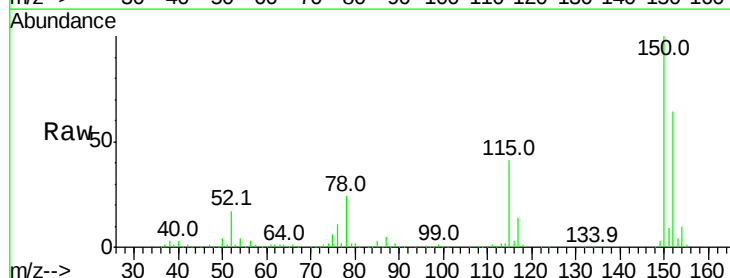
Tgt Ion: 79 Resp: 9871

Ion Ratio Lower Upper

79 100

108 32.1 63.4 95.0#

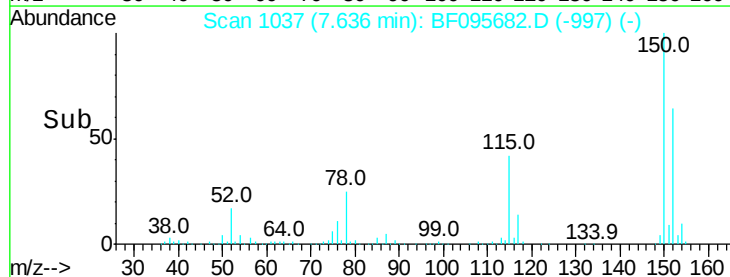
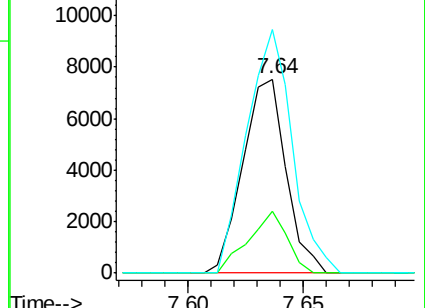
77 125.3 49.2 73.8#

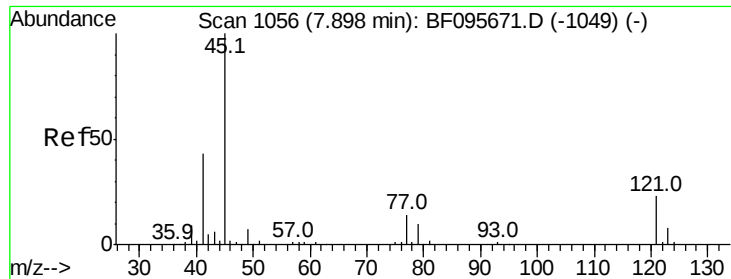


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

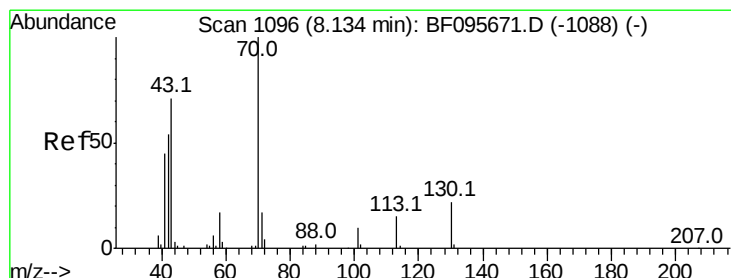
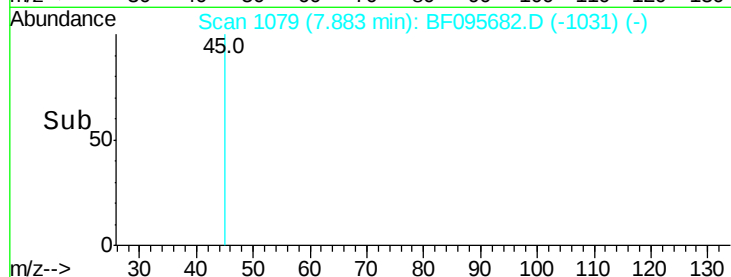
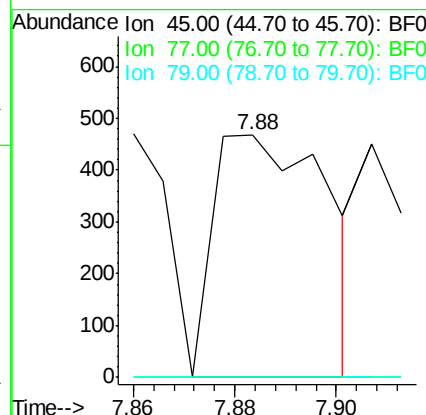
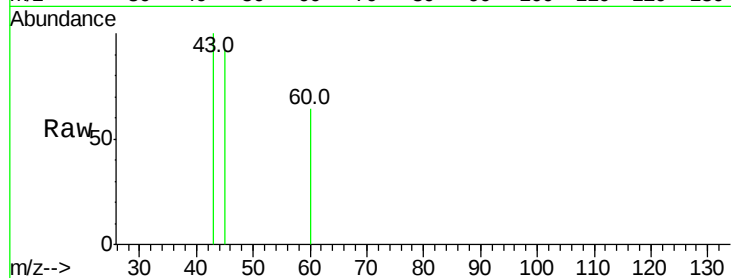




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 0.08 ng
RT: 7.88 min Scan# 1079
Delta R.T. -0.01 min
Lab File: BF095682.D
Acq: 5 Jun 2017 20:00

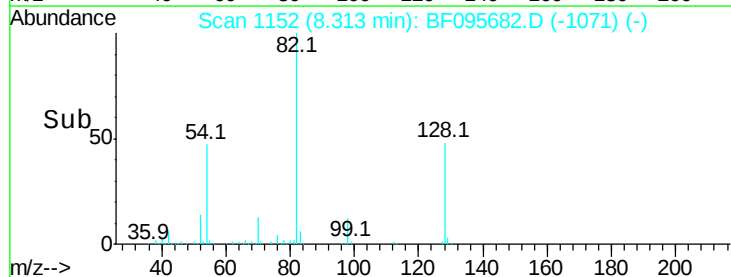
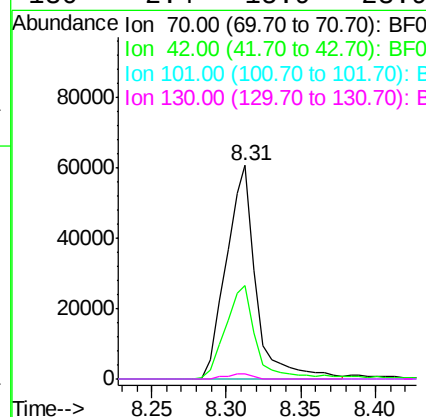
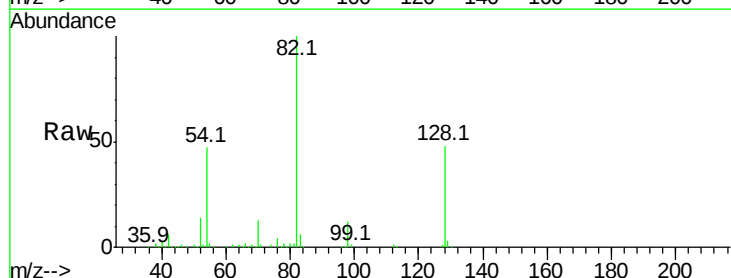
Instrument :
BNA_F
ClientSampleId :

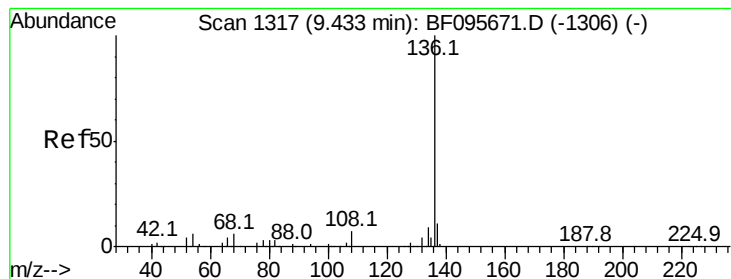
Tot Ion: 45 Resp: 732
Ion Ratio Lower Upper
45 100
77 0.0 0.0 33.2
79 0.0 0.0 30.0



#19
n-Nitroso-di-n-propylamine
Concen: 17.67 ng
RT: 8.31 min Scan# 1152
Delta R.T. 0.18 min
Lab File: BF095682.D
Acq: 5 Jun 2017 20:00

Tgt Ion: 70 Resp: 85052
Ion Ratio Lower Upper
70 100
42 43.9 47.2 70.8#
101 0.0 7.2 10.8#
130 2.4 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.42 min Scan# 1341

Delta R.T. -0.01 min

Lab File: BF095682.D

Acq: 5 Jun 2017 20:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 400661

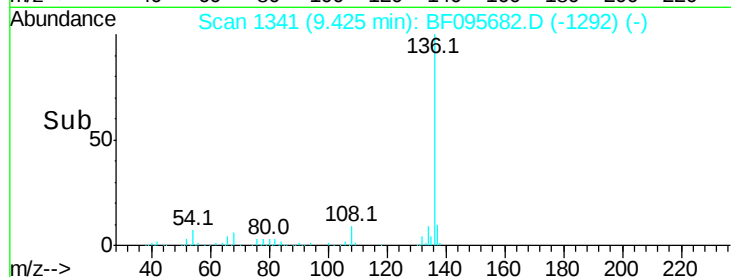
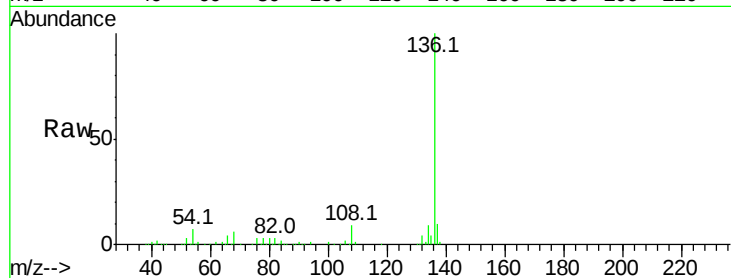
Ion Ratio Lower Upper

136 100

137 10.2 8.5 12.7

54 6.8 4.9 7.3

68 5.8 4.1 6.1

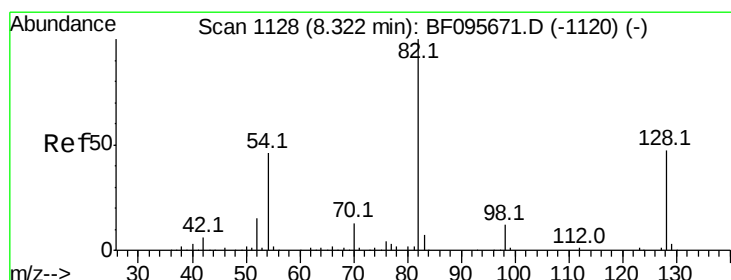
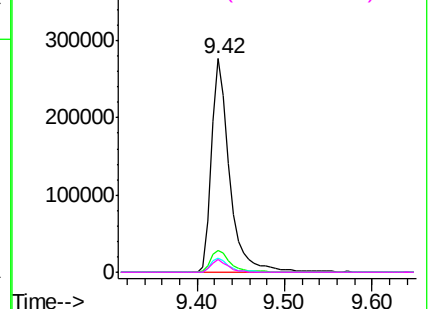


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 103.70 ng

RT: 8.31 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF095682.D

Acq: 5 Jun 2017 20:00

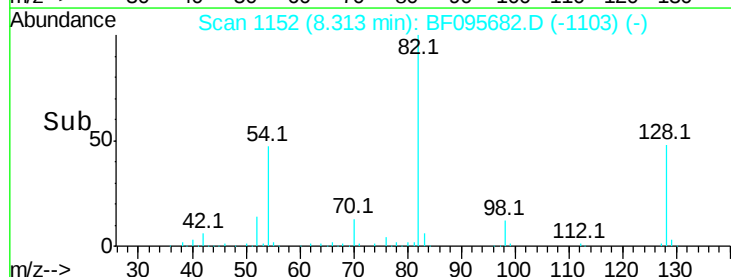
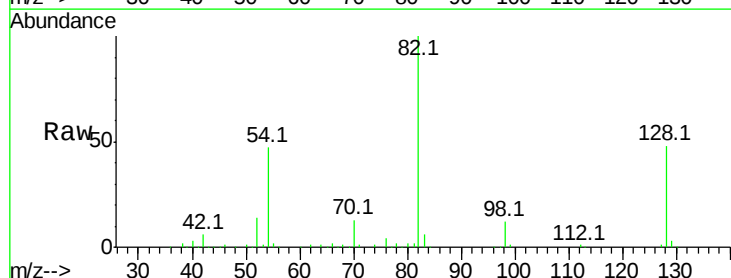
Tgt Ion: 82 Resp: 669029

Ion Ratio Lower Upper

82 100

128 47.8 34.0 51.0

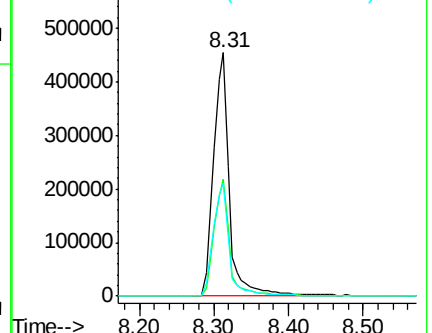
54 46.6 42.2 63.2

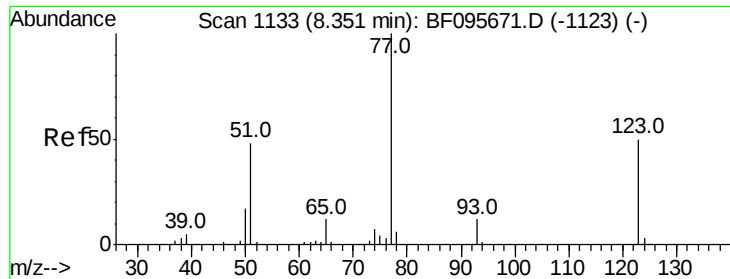


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

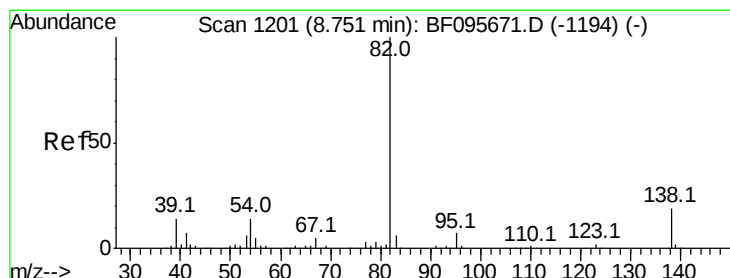
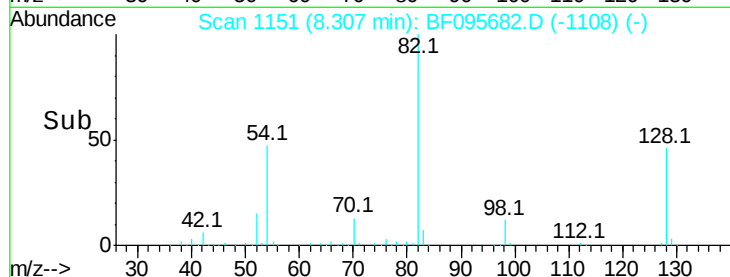
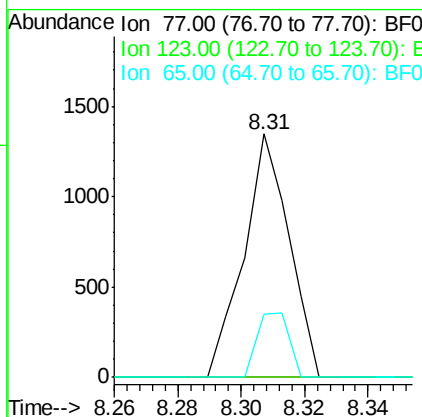
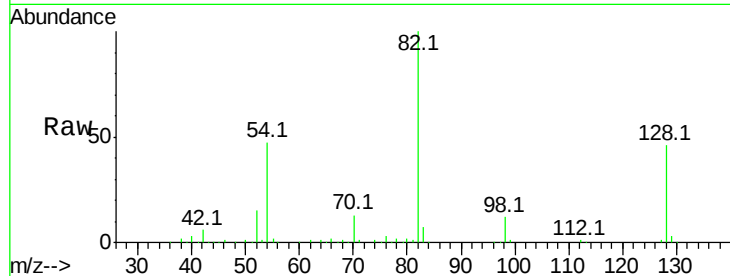




#24
 Nitrobenzene
 Concen: 0.19 ng
 RT: 8.31 min Scan# 1151
 Delta R.T. -0.04 min
 Lab File: BF095682.D
 Acq: 5 Jun 2017 20:00

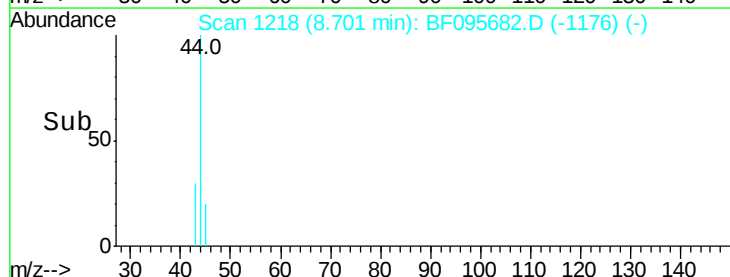
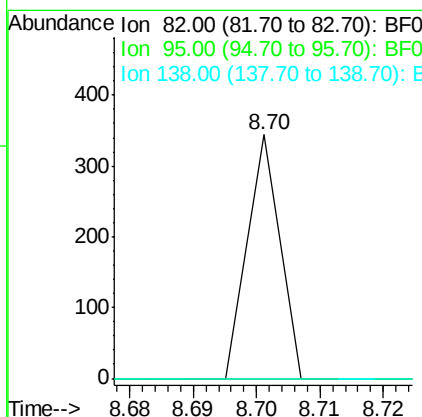
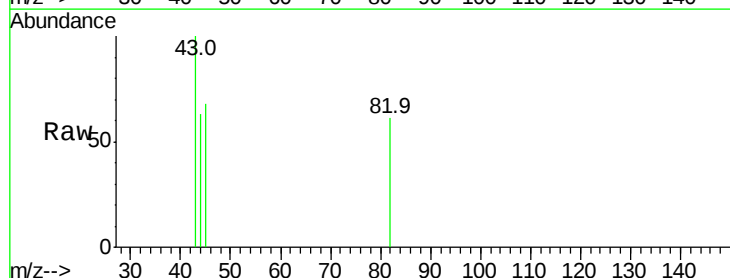
Instrument :
 BNA_F
 ClientSampleId :

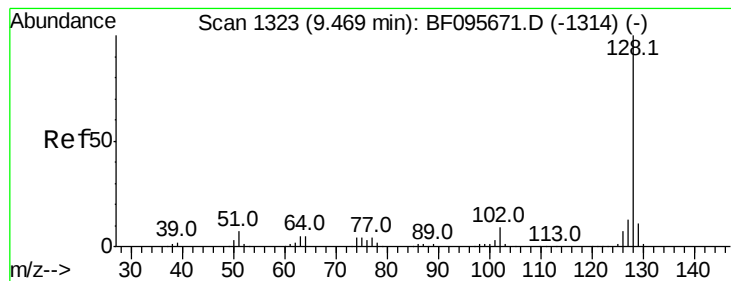
Tot Ion: 77 Resp: 1334
 Ion Ratio Lower Upper
 77 100
 123 0.0 35.8 53.8#
 65 25.9 10.6 15.8#



#25
 Isophorone
 Concen: 0.01 ng
 RT: 8.70 min Scan# 1218
 Delta R.T. -0.05 min
 Lab File: BF095682.D
 Acq: 5 Jun 2017 20:00

Tgt Ion: 82 Resp: 121
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.3 7.9#
 138 0.0 13.1 19.7#





#31

Naphthalene

Concen: 0.58 ng

RT: 9.46 min Scan# 1347

Delta R.T. -0.01 min

Lab File: BF095682.D

Acq: 5 Jun 2017 20:00

Instrument :

BNA_F

ClientSampleId :

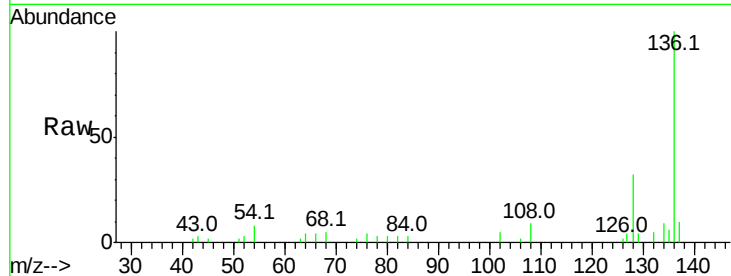
Tot Ion:128 Resp: 11742

Ion Ratio Lower Upper

128 100

129 11.9 9.0 13.6

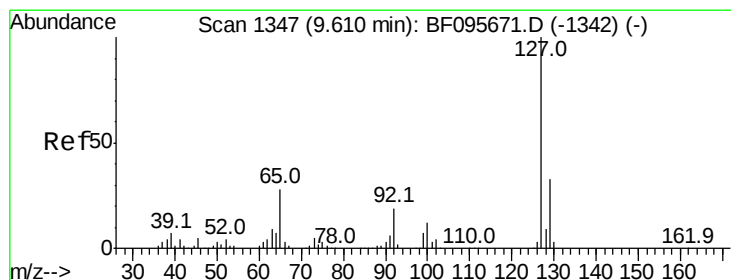
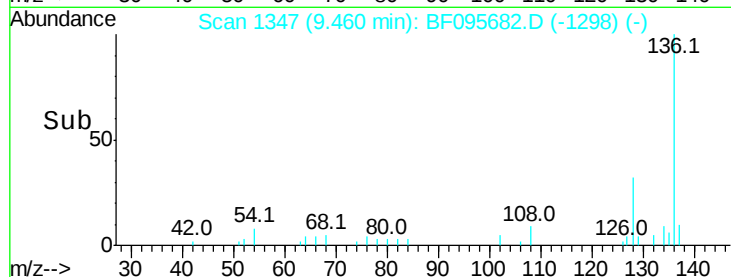
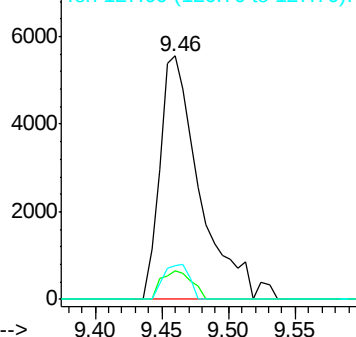
127 13.6 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#33

4-Chloroaniline

Concen: 0.14 ng

RT: 9.47 min Scan# 1348

Delta R.T. -0.14 min

Lab File: BF095682.D

Acq: 5 Jun 2017 20:00

Tgt Ion:127 Resp: 1099

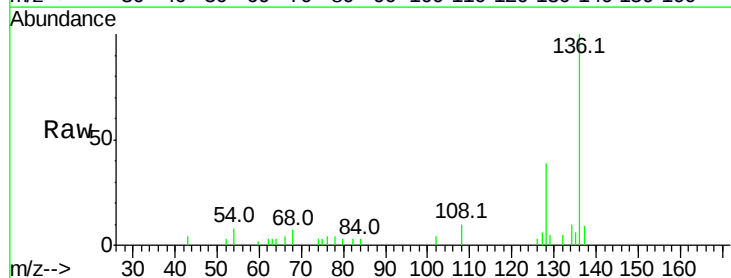
Ion Ratio Lower Upper

127 100

129 73.9 26.2 39.2#

65 0.0 27.8 41.8#

92 0.0 16.8 25.2#

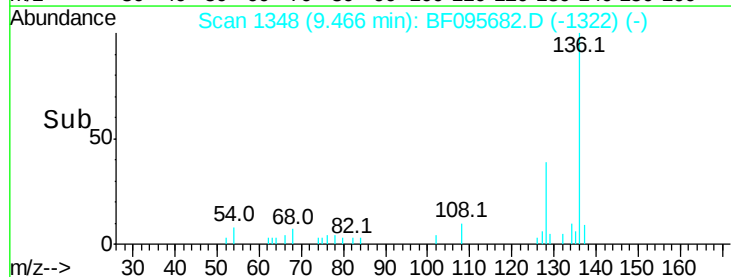
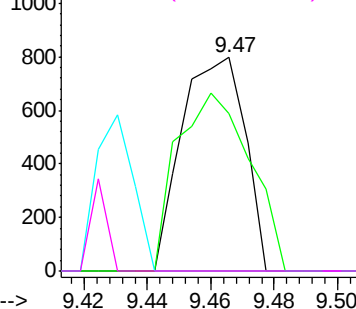


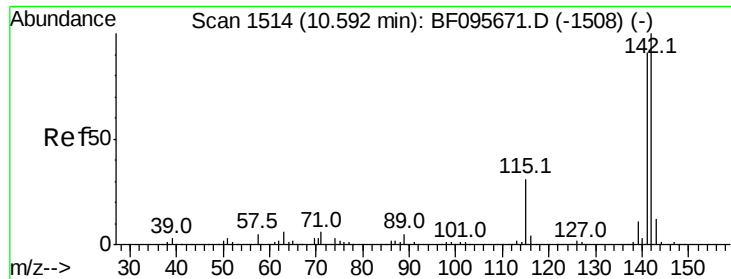
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

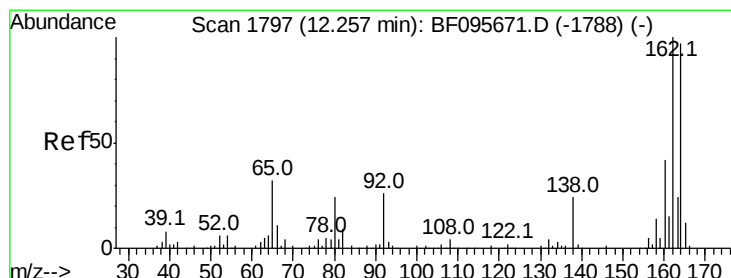
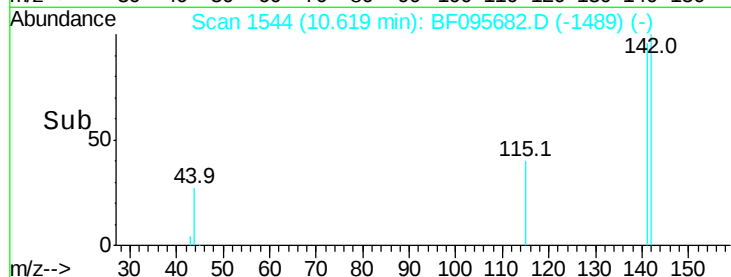
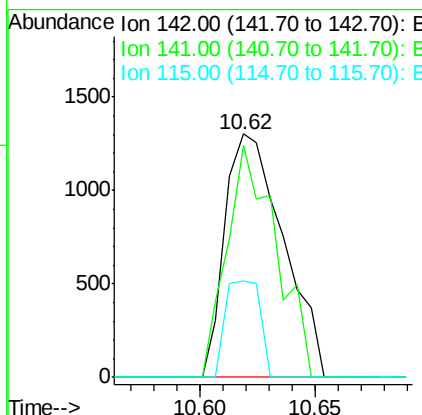
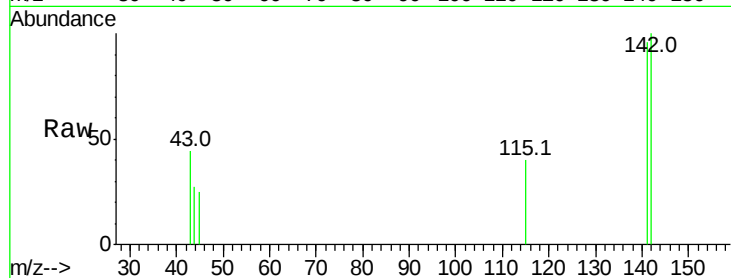




#37
2-Methylnaphthalene
Concen: 0.17 ng
RT: 10.62 min Scan# 1544
Delta R.T. 0.03 min
Lab File: BF095682.D
Acq: 5 Jun 2017 20:00

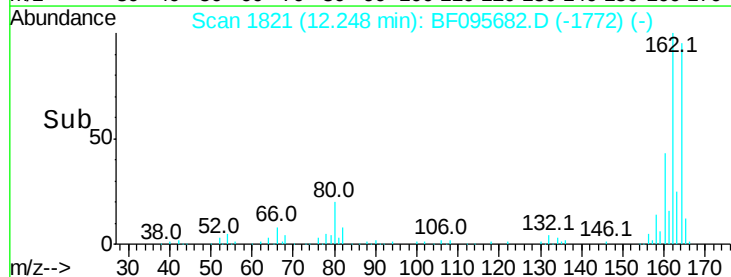
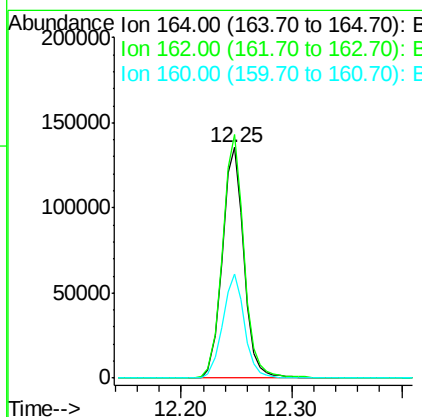
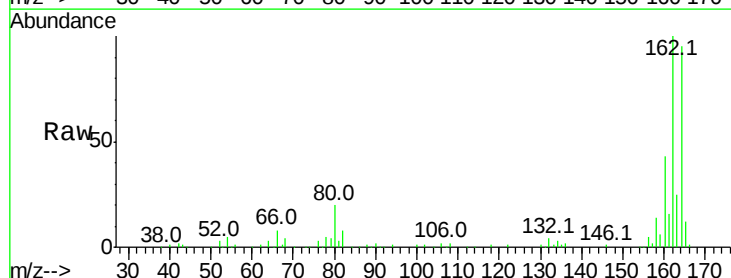
Instrument :
BNA_F
ClientSampleId :

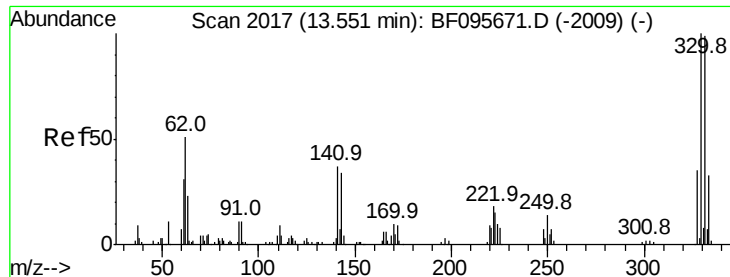
Tot Ion:142 Resp: 2291
Ion Ratio Lower Upper
142 100
141 95.5 71.3 106.9
115 39.6 27.1 40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.25 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF095682.D
Acq: 5 Jun 2017 20:00

Tgt Ion:164 Resp: 185003
Ion Ratio Lower Upper
164 100
162 105.7 82.6 123.8
160 45.1 36.2 54.2

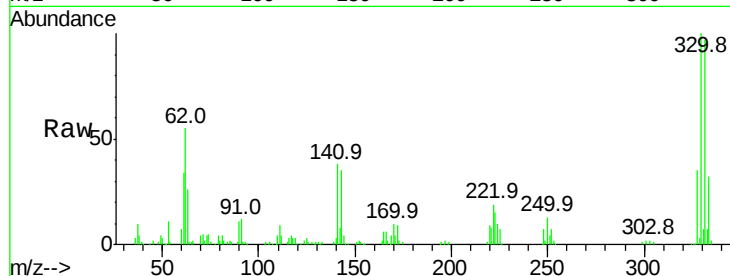




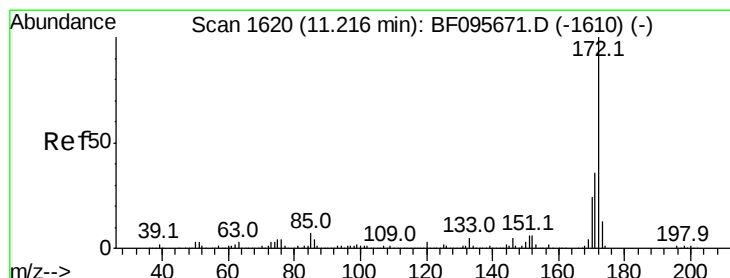
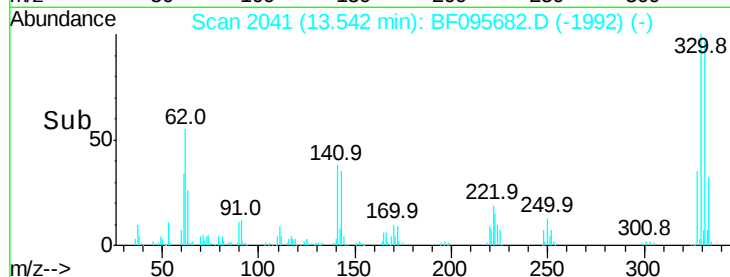
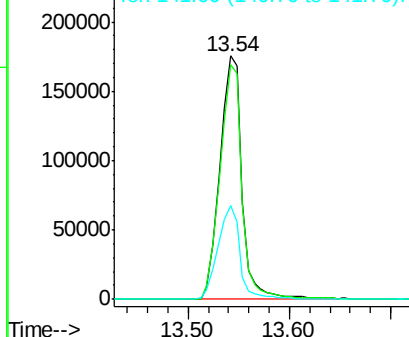
#41
 2,4,6-Tribromophenol
 Concen: 162.61 ng
 RT: 13.54 min Scan# 2041
 Delta R.T. -0.01 min
 Lab File: BF095682.D
 Acq: 5 Jun 2017 20:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 266168
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.6 115.0
 141 38.4 31.4 47.2

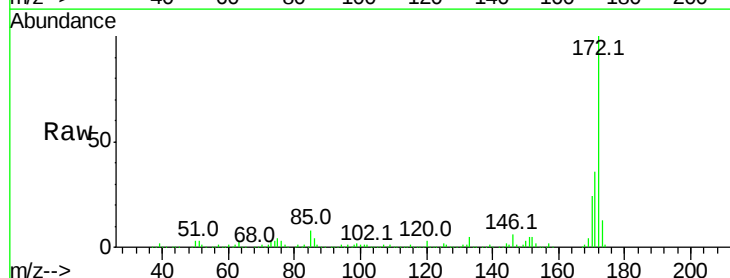


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

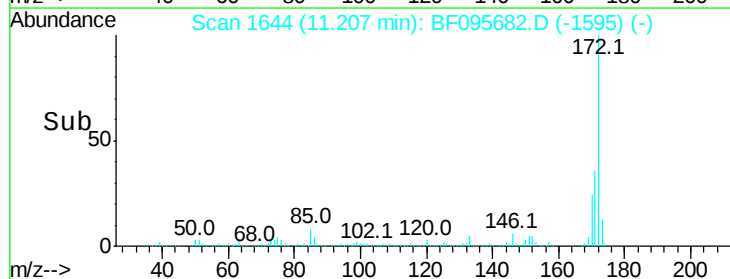
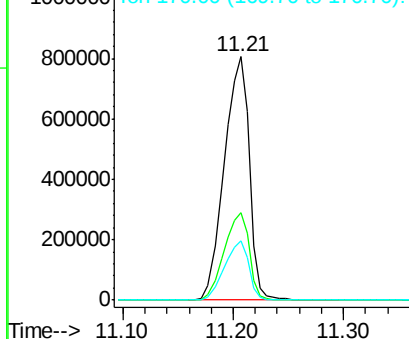


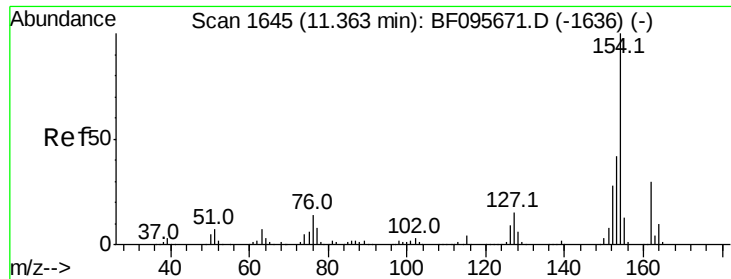
#44
 2-Fluorobiphenyl
 Concen: 95.78 ng
 RT: 11.21 min Scan# 1644
 Delta R.T. -0.01 min
 Lab File: BF095682.D
 Acq: 5 Jun 2017 20:00

Tgt Ion:172 Resp: 1273404
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 24.1 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: 0.05 ng

RT: 11.35 min Scan# 1669

Delta R.T. -0.01 min

Lab File: BF095682.D

Acq: 5 Jun 2017 20:00

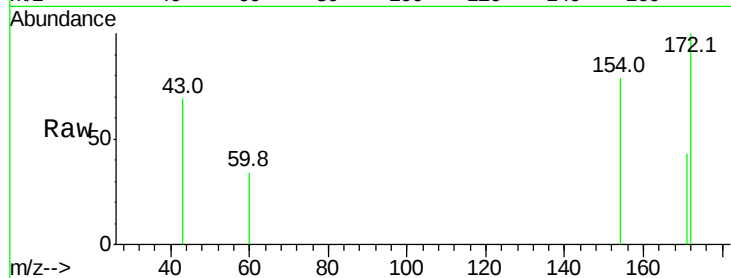
Instrument :

BNA_F

ClientSampled :

Tot Ion:154 Resp: 703

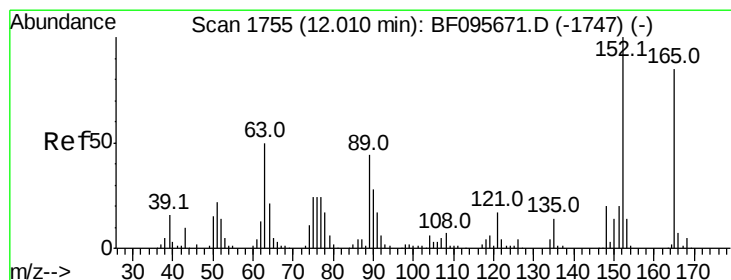
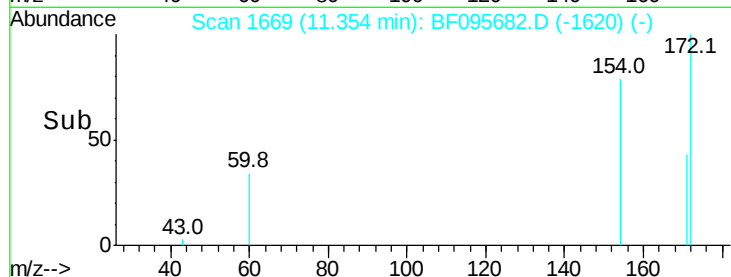
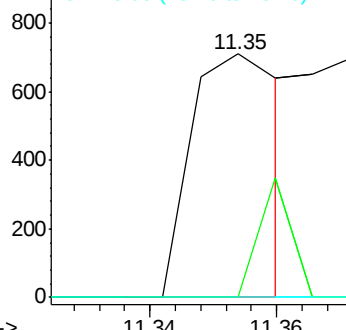
Ion	Ratio	Lower	Upper
154	100		
153	0.0	21.2	61.2#
76	0.0	0.0	29.9



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



#50

2,6-Dinitrotoluene

Concen: 7.68 ng

RT: 12.25 min Scan# 1821

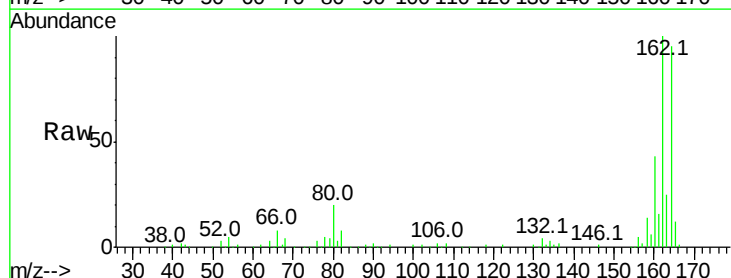
Delta R.T. 0.24 min

Lab File: BF095682.D

Acq: 5 Jun 2017 20:00

Tgt Ion:165 Resp: 23518

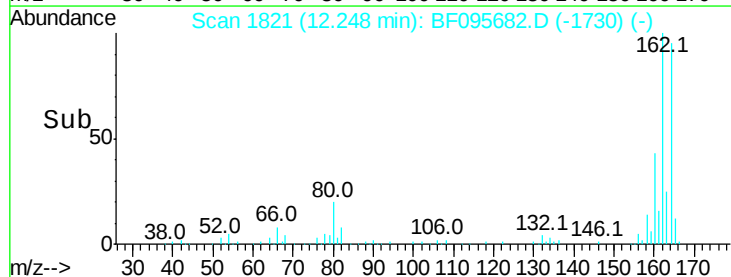
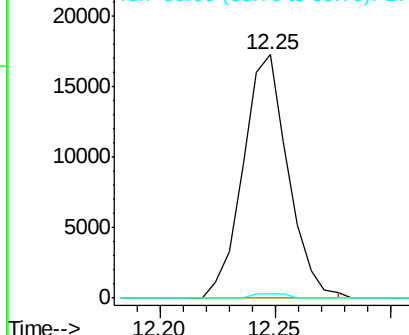
Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	2.0	37.1	55.7#

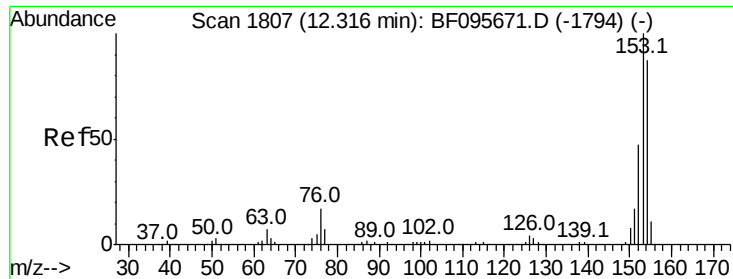


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 0.06 ng

RT: 12.30 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF095682.D

Acq: 5 Jun 2017 20:00

Instrument :

BNA_F

ClientSampleId :

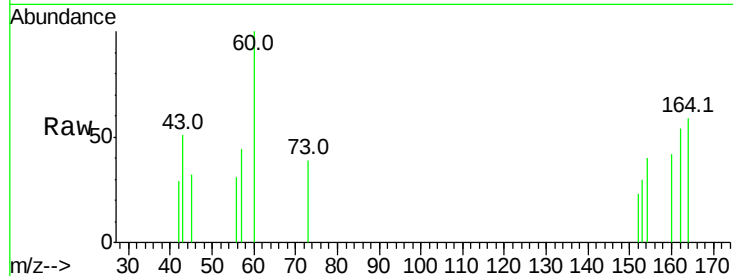
Tot Ion:154 Resp: 690

Ion Ratio Lower Upper

154 100

153 74.4 90.5 135.7#

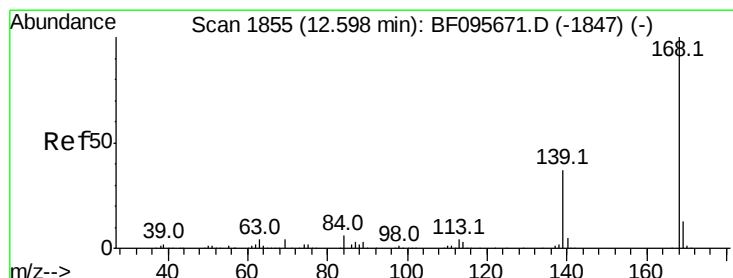
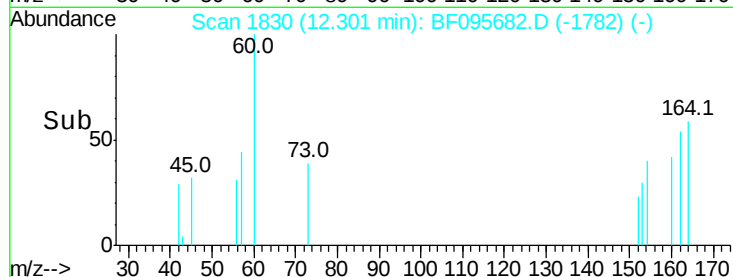
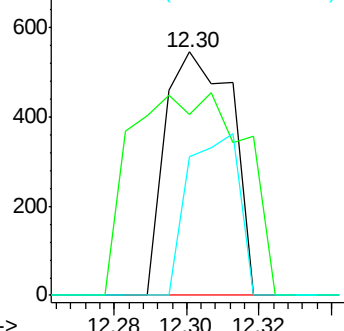
152 57.0 43.6 65.4



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



#54

Dibenzofuran

Concen: 0.02 ng

RT: 12.64 min Scan# 1888

Delta R.T. 0.04 min

Lab File: BF095682.D

Acq: 5 Jun 2017 20:00

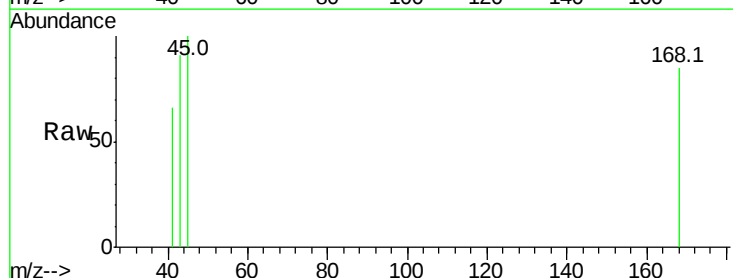
Tgt Ion:168 Resp: 258

Ion Ratio Lower Upper

168 100

139 0.0 30.6 45.8#

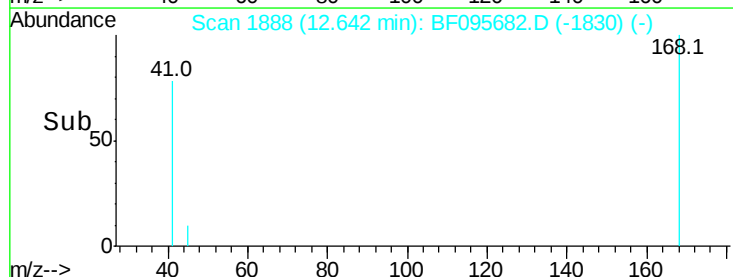
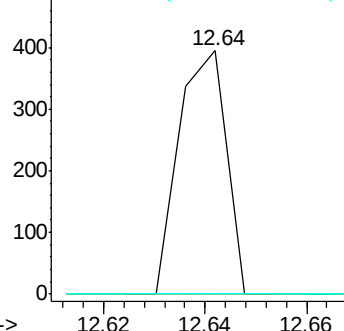
169 0.0 10.8 16.2#

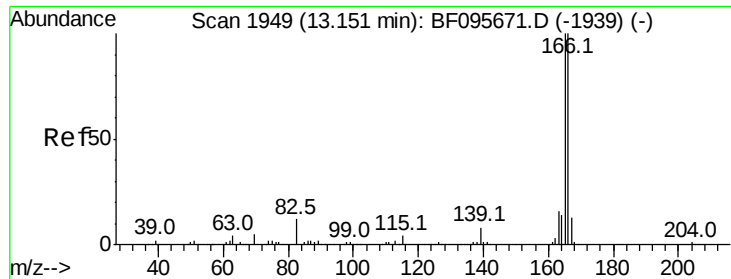


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

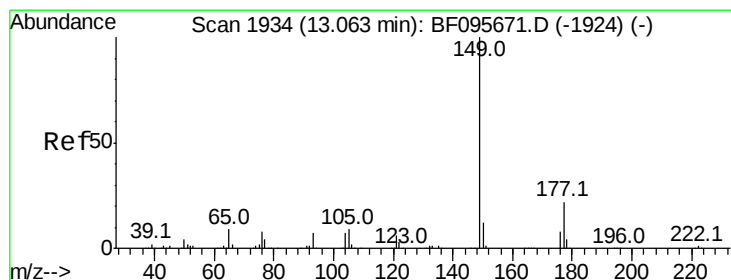
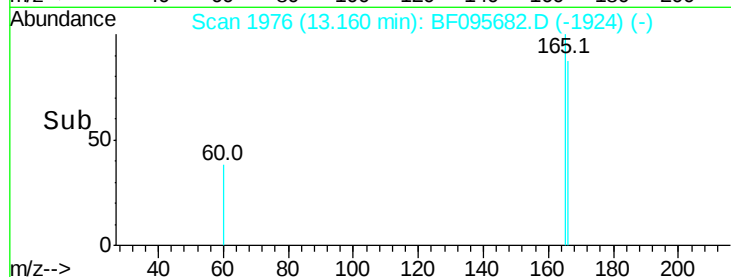
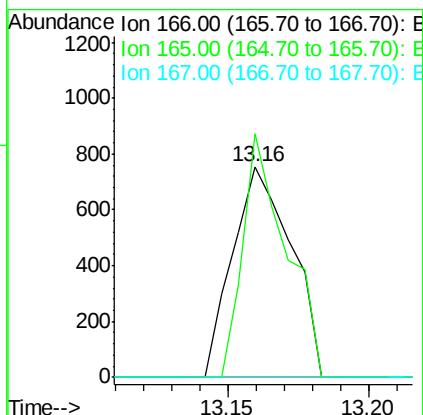
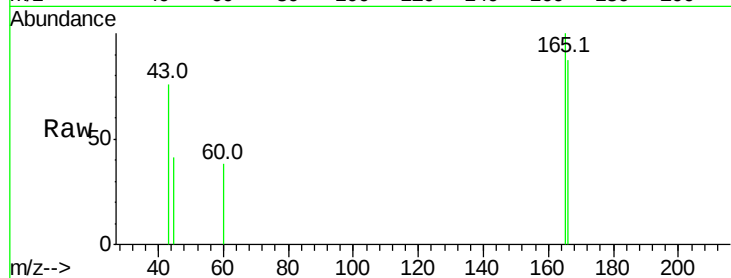




#57
 Fluorene
 Concen: 0.08 ng
 RT: 13.16 min Scan# 1976
 Delta R.T. 0.01 min
 Lab File: BF095682.D
 Acq: 5 Jun 2017 20:00

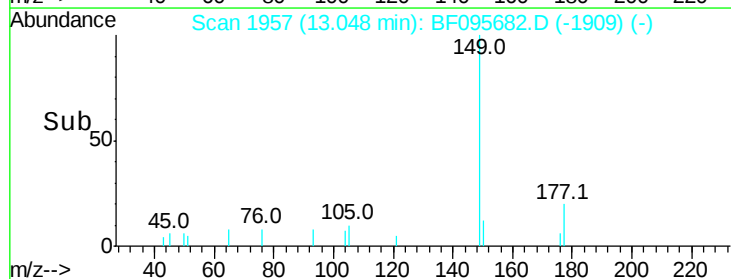
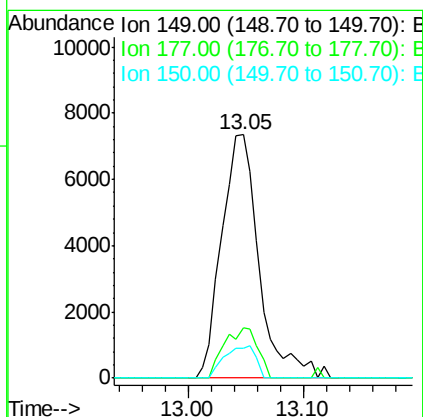
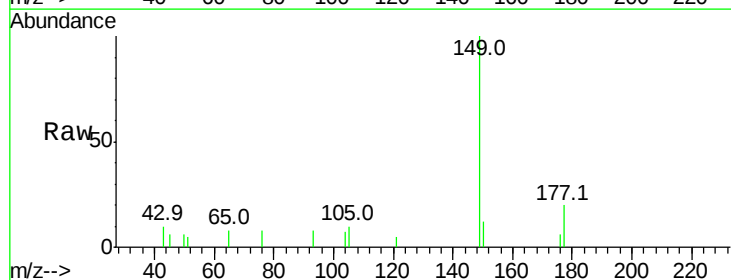
Instrument :
 BNA_F
 ClientSampled :

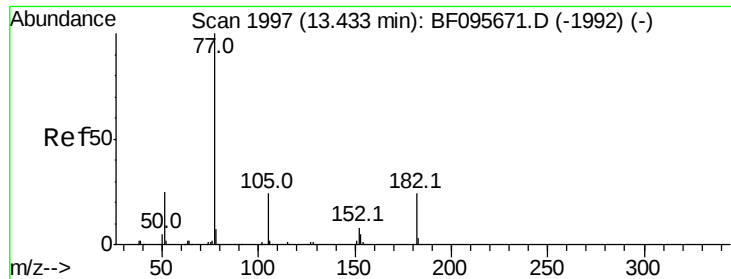
Tot Ion:166 Resp: 1087
 Ion Ratio Lower Upper
 166 100
 165 115.5 78.8 118.2
 167 0.0 10.6 16.0#



#59
 Diethylphthalate
 Concen: 1.22 ng
 RT: 13.05 min Scan# 1957
 Delta R.T. -0.01 min
 Lab File: BF095682.D
 Acq: 5 Jun 2017 20:00

Tgt Ion:149 Resp: 16540
 Ion Ratio Lower Upper
 149 100
 177 20.5 16.7 25.1
 150 12.4 10.2 15.2





#62

Azobenzene

Concen: 0.10 ng

RT: 13.54 min Scan# 2041

Delta R.T. 0.11 min

Lab File: BF095682.D

Acq: 5 Jun 2017 20:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1188

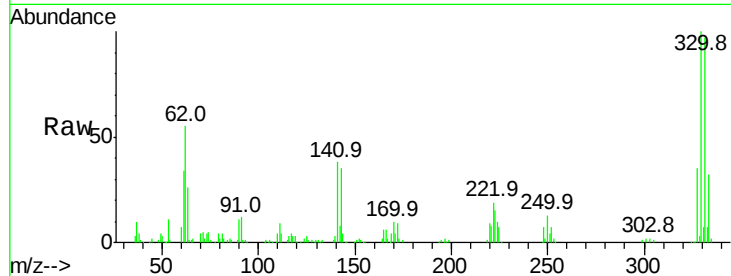
Ion Ratio Lower Upper

77 100

182 0.0 0.1 40.1#

105 94.2 3.6 43.6#

51 63.3 9.4 49.4#



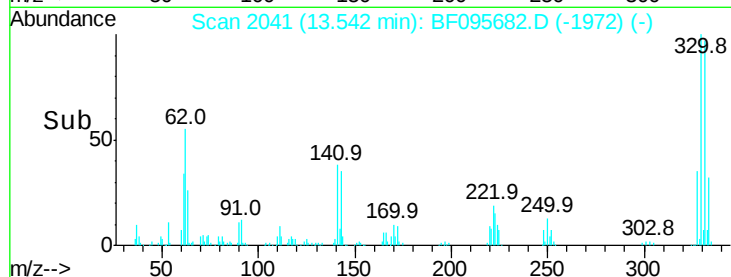
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

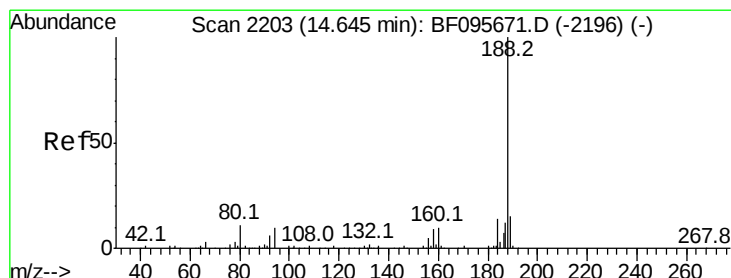
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

Time-->



Time-->



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.64 min Scan# 2228

Delta R.T. -0.00 min

Lab File: BF095682.D

Acq: 5 Jun 2017 20:00

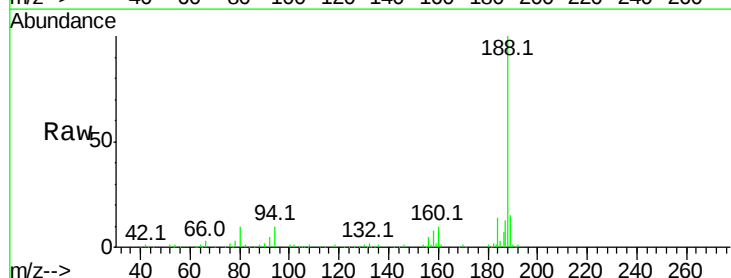
Tgt Ion:188 Resp: 344192

Ion Ratio Lower Upper

188 100

94 10.3 9.4 14.2

80 10.5 10.2 15.2

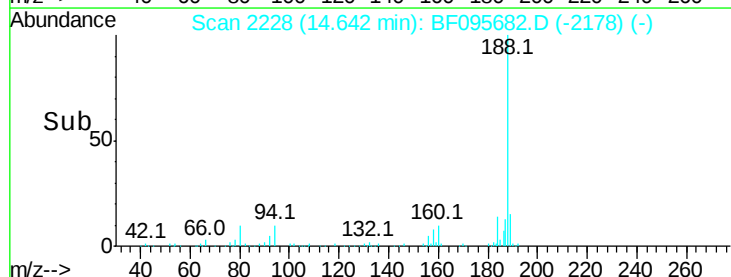


Abundance Ion 188.00 (187.70 to 188.70): E

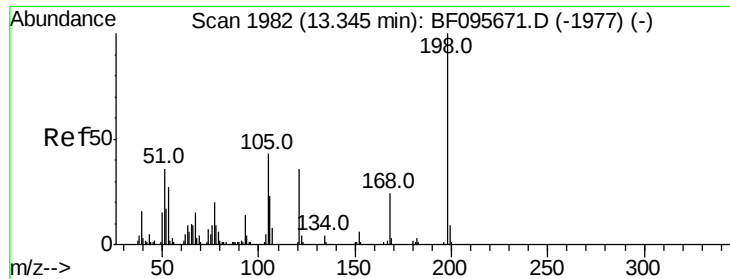
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

Time-->



Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 0.11 ng

RT: 13.54 min Scan# 2040

Delta R.T. 0.19 min

Lab File: BF095682.D

Acq: 5 Jun 2017 20:00

Instrument :

BNA_F

ClientSampleId :

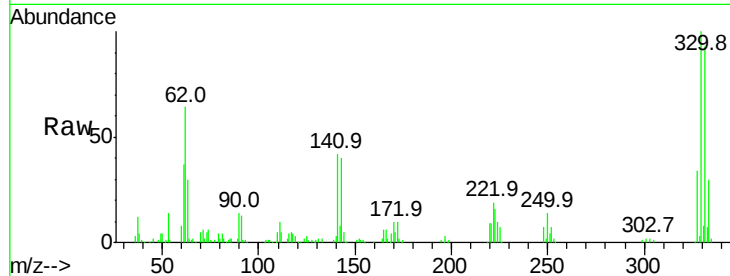
Tot Ion:198 Resp: 259

Ion Ratio Lower Upper

198 100

51 149.8 53.2 93.2#

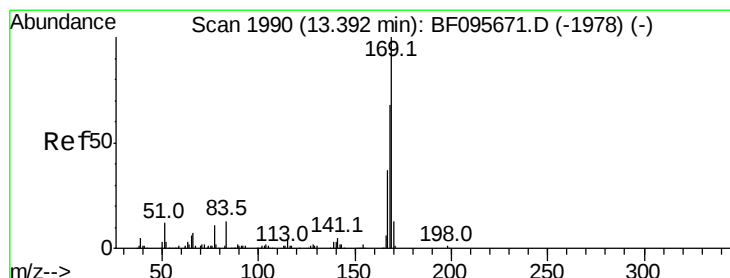
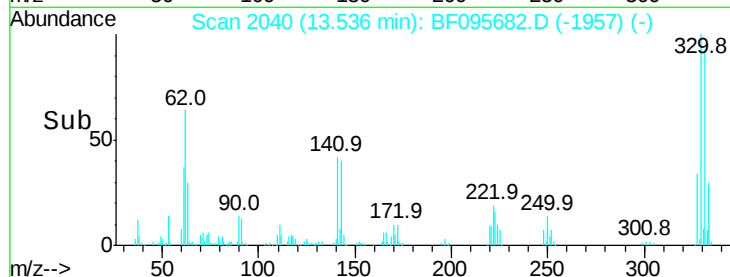
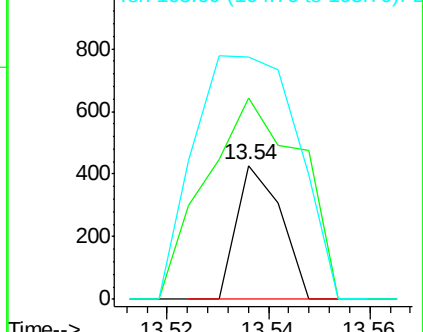
105 180.6 45.8 85.8#



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: 0.73 ng

RT: 13.54 min Scan# 2041

Delta R.T. 0.15 min

Lab File: BF095682.D

Acq: 5 Jun 2017 20:00

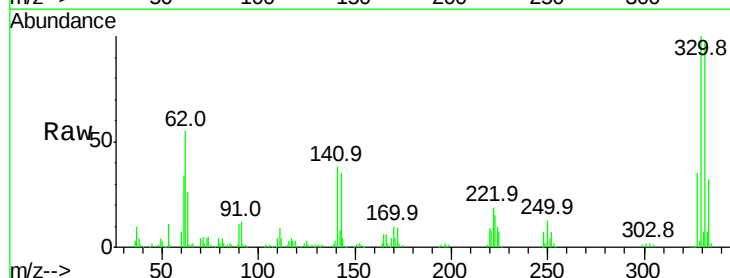
Tgt Ion:169 Resp: 9047

Ion Ratio Lower Upper

169 100

168 8.2 53.2 79.8#

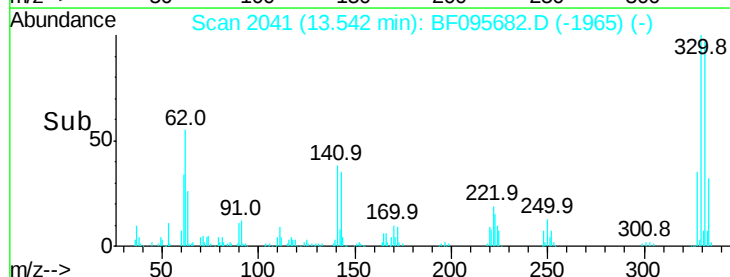
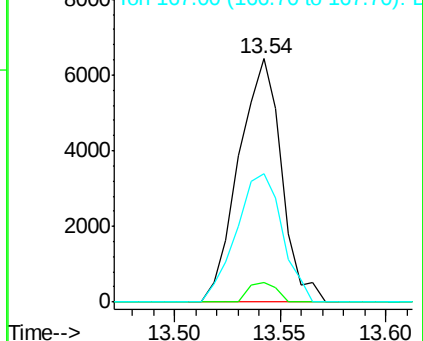
167 52.5 29.5 44.3#

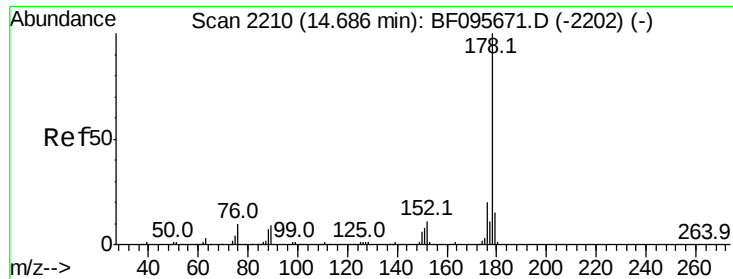


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#70

Phenanthrene

Concen: 0.11 ng

RT: 14.68 min Scan# 2234

Delta R.T. -0.01 min

Lab File: BF095682.D

Acq: 5 Jun 2017 20:00

Instrument :

BNA_F

ClientSampled :

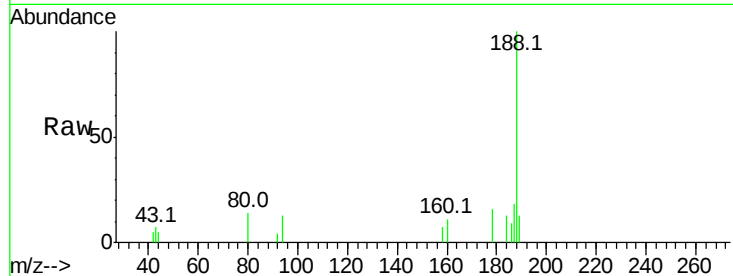
Tot Ion:178 Resp: 2095

Ion Ratio Lower Upper

178 100

176 0.0 16.2 24.4#

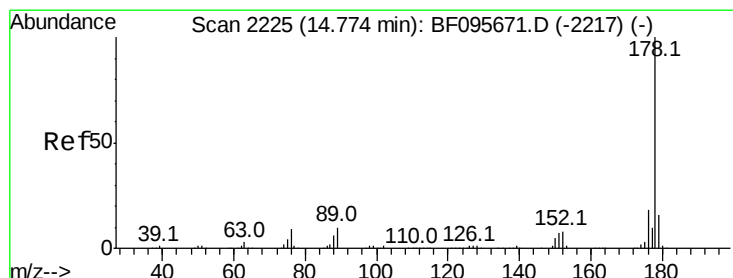
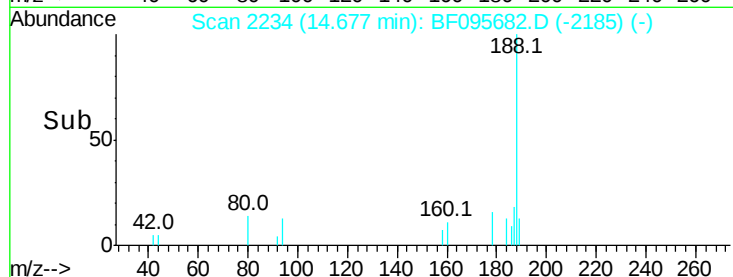
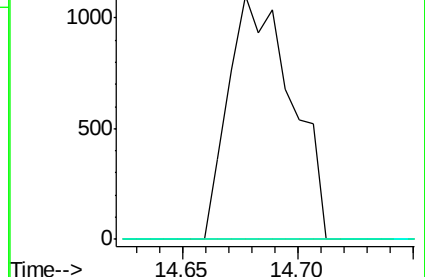
179 0.0 12.6 19.0#



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: 0.10 ng

RT: 14.68 min Scan# 2234

Delta R.T. -0.10 min

Lab File: BF095682.D

Acq: 5 Jun 2017 20:00

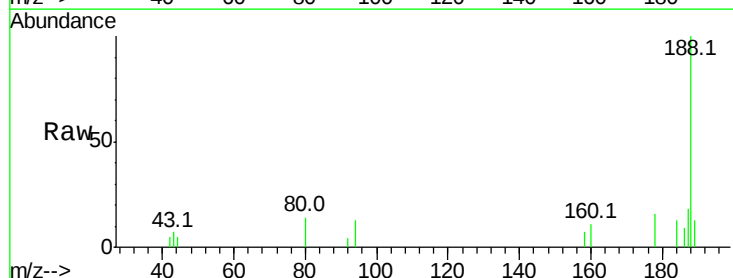
Tgt Ion:178 Resp: 2095

Ion Ratio Lower Upper

178 100

176 0.0 15.8 23.8#

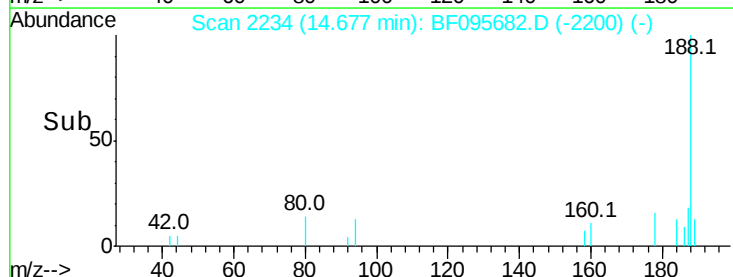
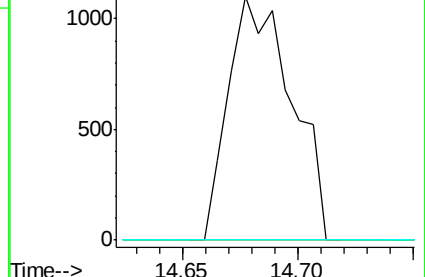
179 0.0 12.7 19.1#

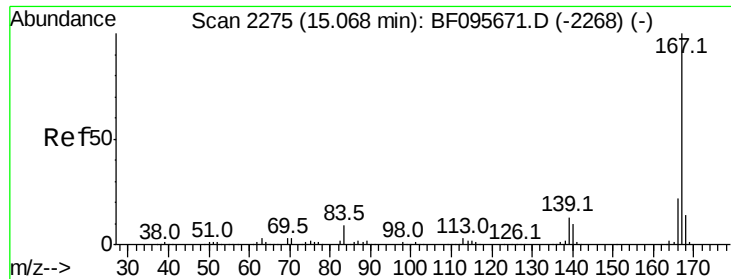


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

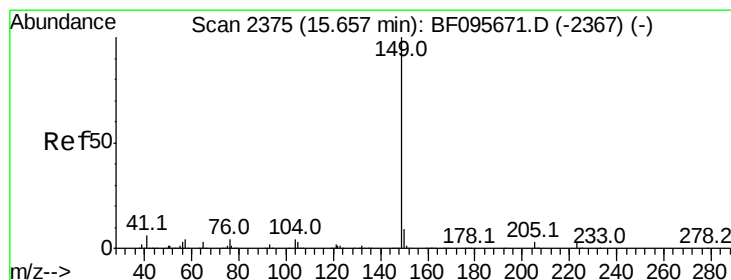
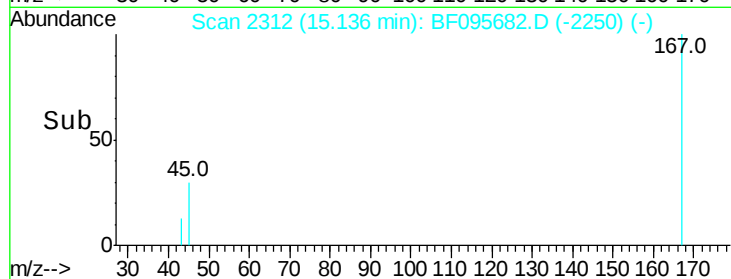
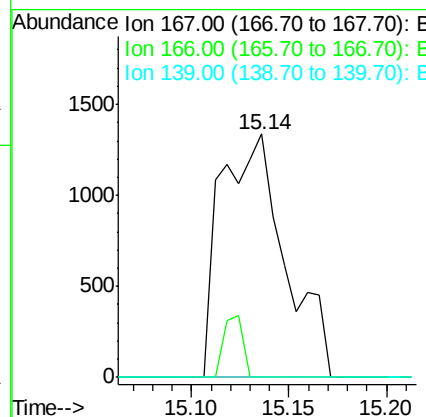
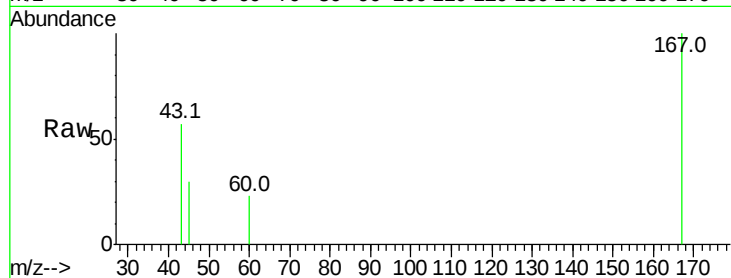




#72
 Carbazole
 Concen: 0.15 ng
 RT: 15.14 min Scan# 2312
 Delta R.T. 0.07 min
 Lab File: BF095682.D
 Acq: 5 Jun 2017 20:00

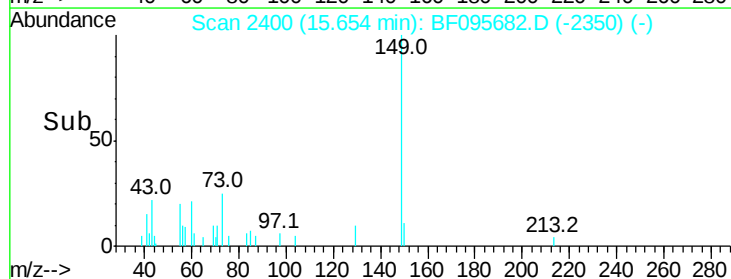
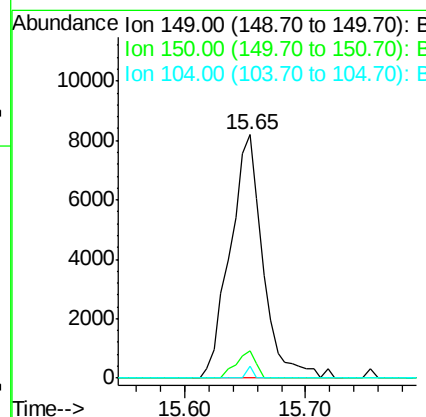
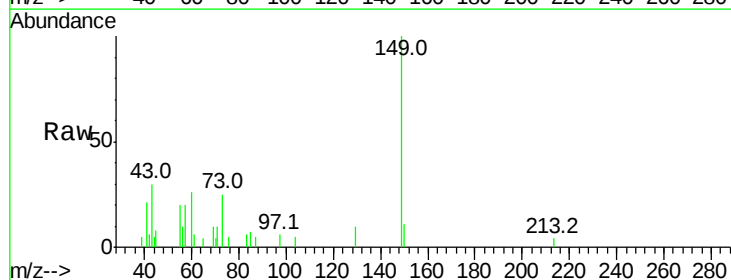
Instrument :
 BNA_F
 ClientSampleId :

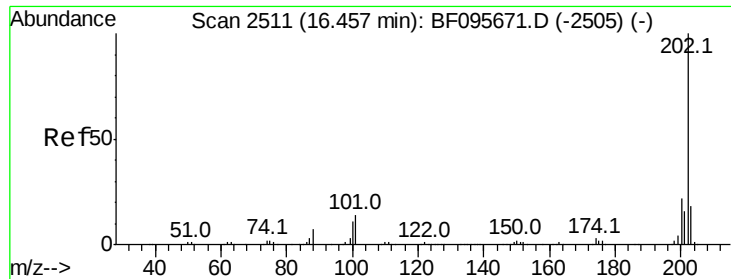
Tot Ion:167 Resp: 3048
 Ion Ratio Lower Upper
 167 100
 166 0.0 18.1 27.1#
 139 0.0 11.7 17.5#



#73
 Di-n-butylphthalate
 Concen: 0.72 ng
 RT: 15.65 min Scan# 2400
 Delta R.T. -0.00 min
 Lab File: BF095682.D
 Acq: 5 Jun 2017 20:00

Tgt Ion:149 Resp: 15474
 Ion Ratio Lower Upper
 149 100
 150 11.0 7.7 11.5
 104 4.8 4.0 6.0

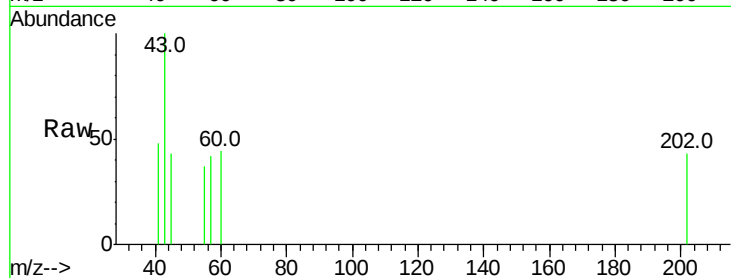




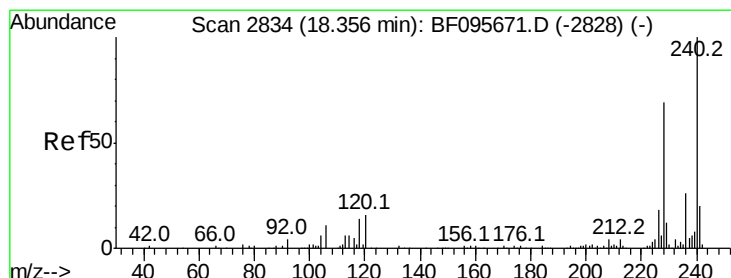
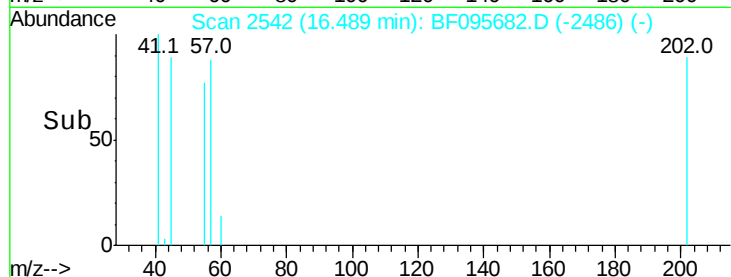
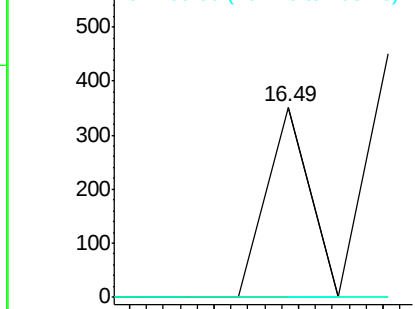
#74
 Fluoranthene
 Concen: 0.01 ng
 RT: 16.49 min Scan# 2542
 Delta R.T. 0.03 min
 Lab File: BF095682.D
 Acq: 5 Jun 2017 20:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 124
 Ion Ratio Lower Upper
 202 100
 101 0.0 0.0 33.2
 203 0.0 0.0 38.1

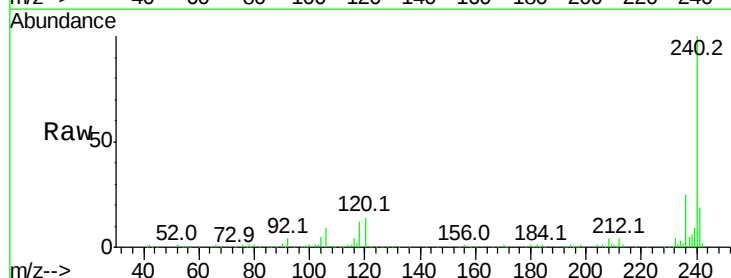


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

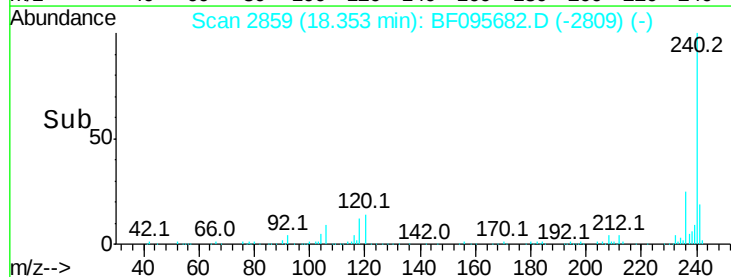
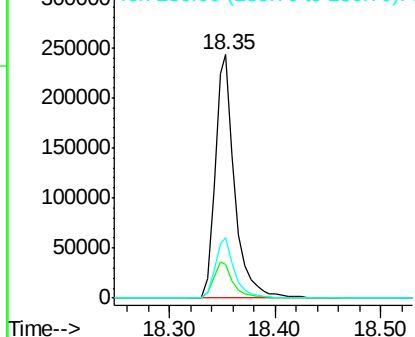


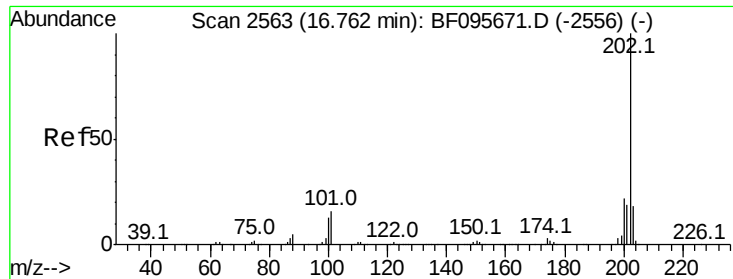
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.35 min Scan# 2859
 Delta R.T. -0.00 min
 Lab File: BF095682.D
 Acq: 5 Jun 2017 20:00

Tgt Ion:240 Resp: 314383
 Ion Ratio Lower Upper
 240 100
 120 13.8 5.8 8.8#
 236 24.9 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

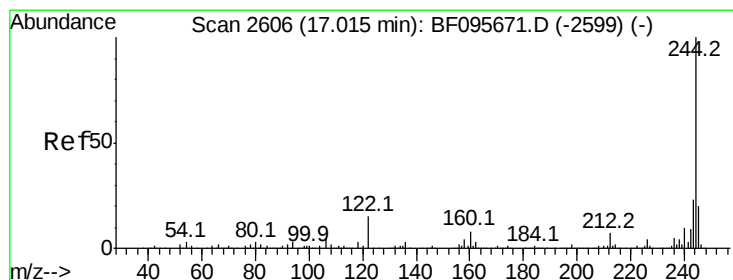
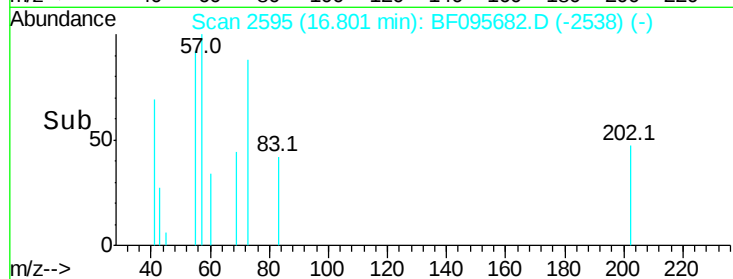
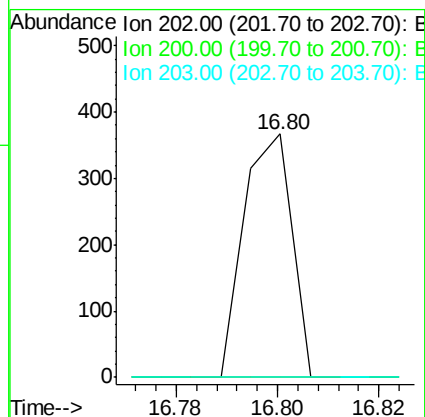
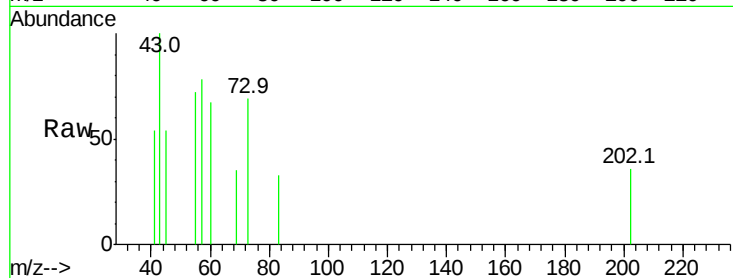




#77
 Pvrene
 Concen: 0.01 ng
 RT: 16.80 min Scan# 2595
 Delta R.T. 0.04 min
 Lab File: BF095682.D
 Acq: 5 Jun 2017 20:00

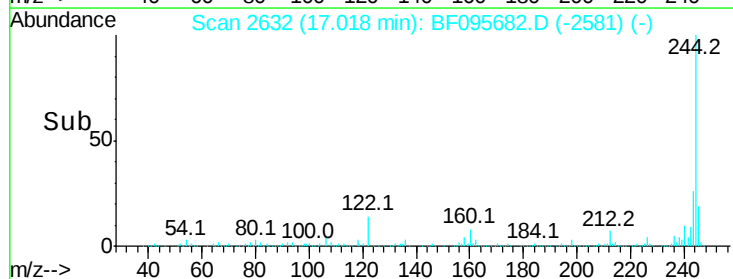
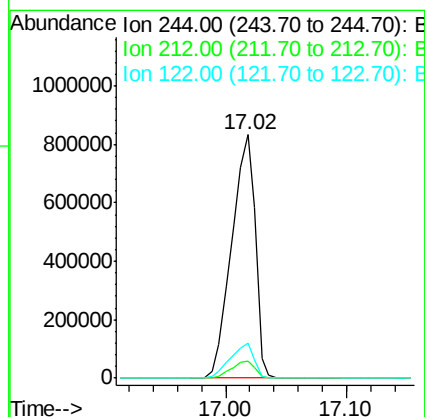
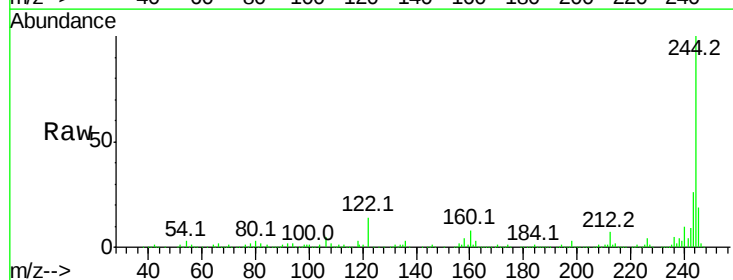
Instrument :
 BNA_F
 ClientSampleId :

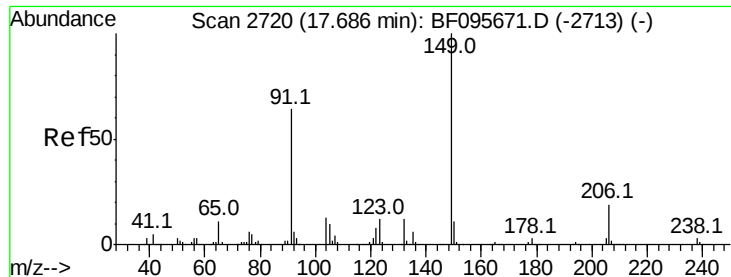
Tot Ion:202 Resp: 241
 Ion Ratio Lower Upper
 202 100
 200 0.0 17.6 26.4#
 203 0.0 14.4 21.6#



#78
 Terphenyl-d14
 Concen: 89.32 ng
 RT: 17.02 min Scan# 2632
 Delta R.T. 0.00 min
 Lab File: BF095682.D
 Acq: 5 Jun 2017 20:00

Tgt Ion:244 Resp: 1131432
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 14.2 10.3 15.5

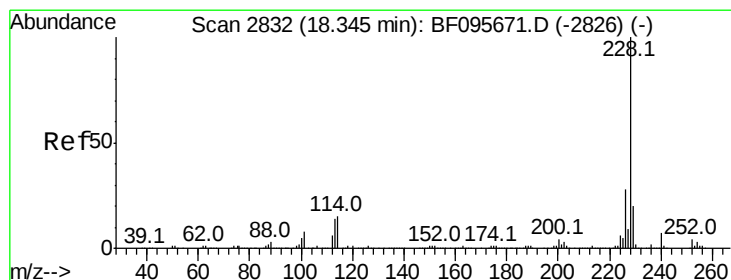
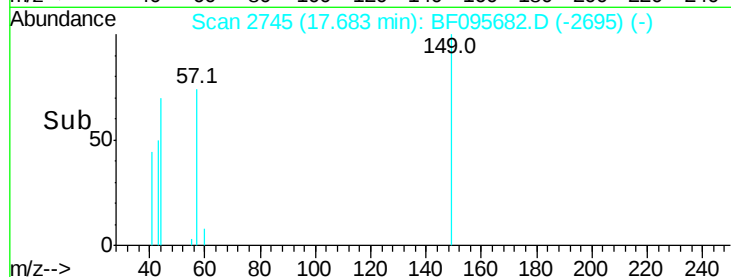
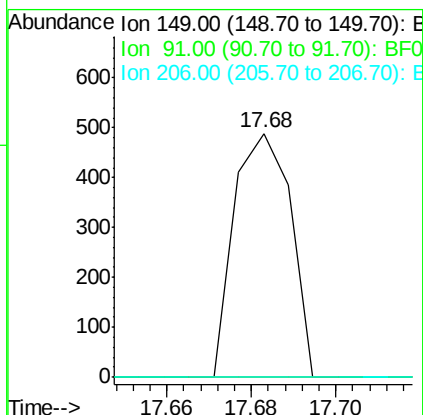
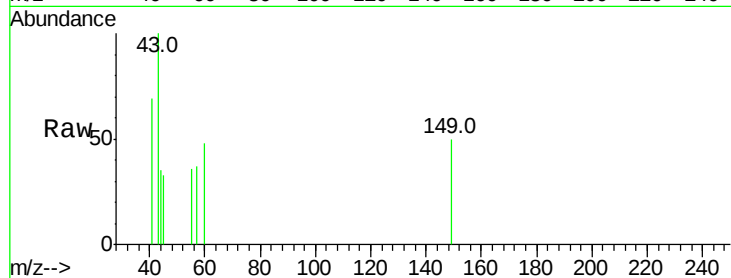




#79
Butylbenzylphthalate
Concen: 0.04 ng
RT: 17.68 min Scan# 2745
Delta R.T. -0.00 min
Lab File: BF095682.D
Acq: 5 Jun 2017 20:00

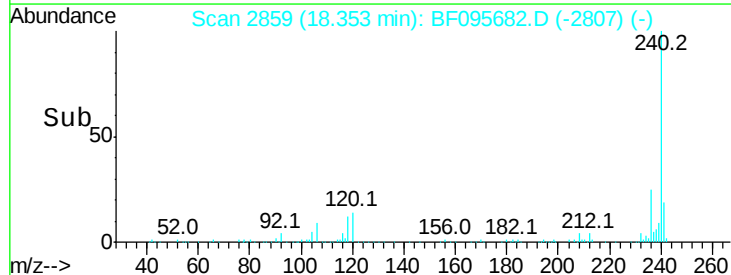
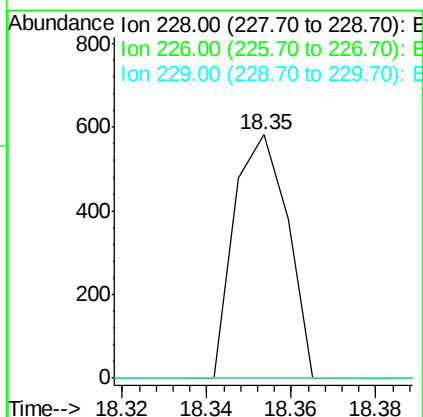
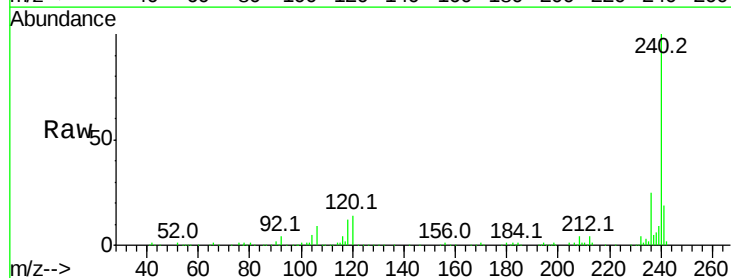
Instrument :
BNA_F
ClientSampleId :

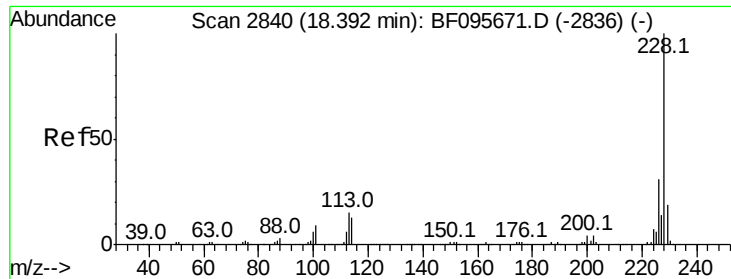
Tot Ion:149 Resp: 453
Ion Ratio Lower Upper
149 100
91 0.0 45.0 67.4#
206 0.0 17.0 25.6#



#80
Benzo(a)anthracene
Concen: 0.03 ng
RT: 18.35 min Scan# 2859
Delta R.T. 0.01 min
Lab File: BF095682.D
Acq: 5 Jun 2017 20:00

Tgt Ion:228 Resp: 509
Ion Ratio Lower Upper
228 100
226 0.0 22.6 33.8#
229 0.0 16.3 24.5#





#82

Chrysene

Concen: 0.03 ng

RT: 18.35 min Scan# 2859

Delta R.T. -0.04 min

Lab File: BF095682.D

Acq: 5 Jun 2017 20:00

Instrument :

BNA_F

ClientSampleId :

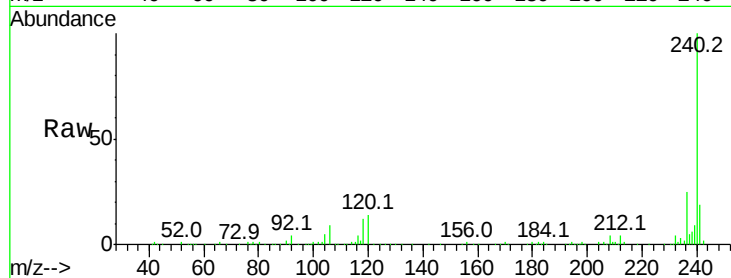
Tot Ion:228 Resp: 509

Ion Ratio Lower Upper

228 100

226 0.0 24.9 37.3#

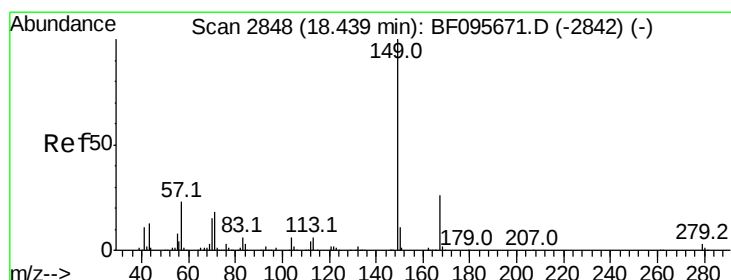
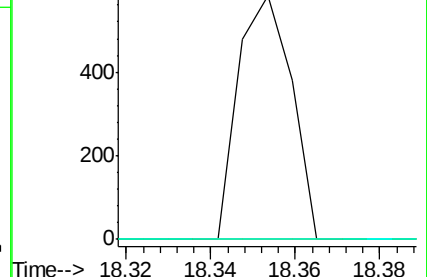
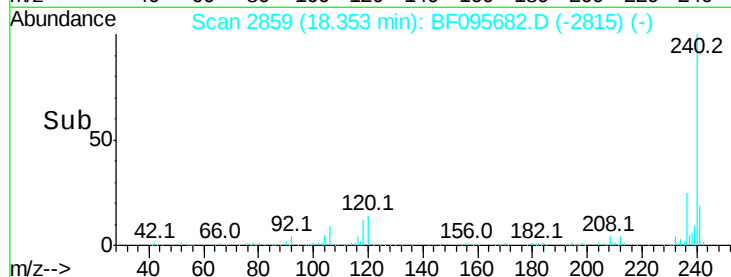
229 0.0 15.8 23.6#



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: 0.24 ng

RT: 18.43 min Scan# 2872

Delta R.T. -0.01 min

Lab File: BF095682.D

Acq: 5 Jun 2017 20:00

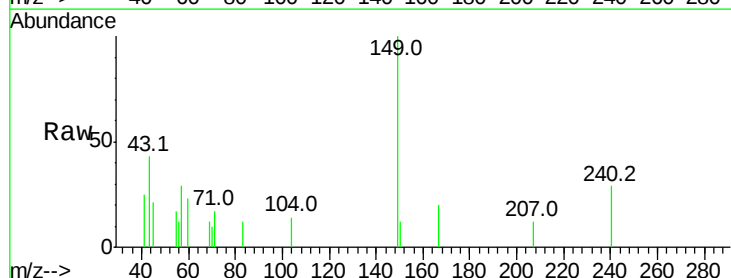
Tgt Ion:149 Resp: 3444

Ion Ratio Lower Upper

149 100

167 19.7 21.0 31.4#

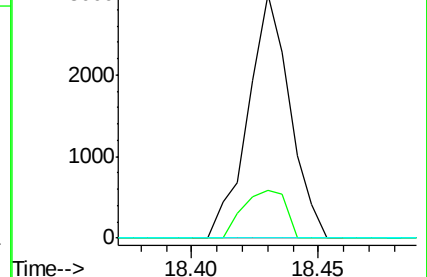
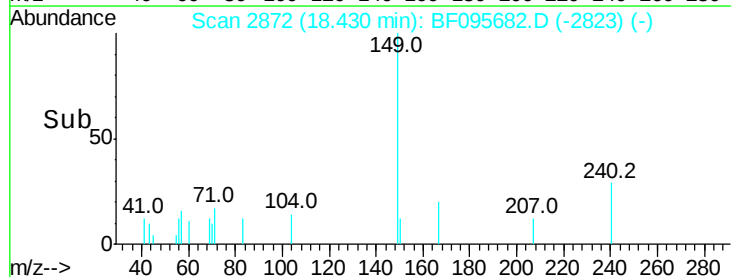
279 0.0 1.9 2.9#

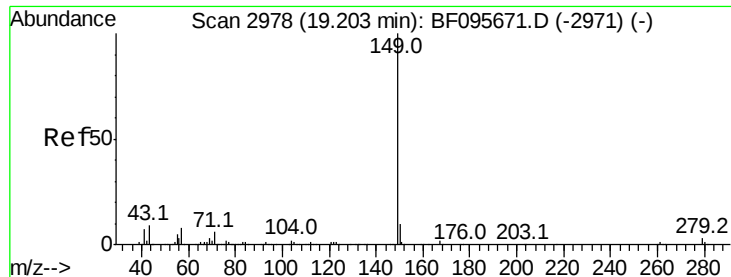


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

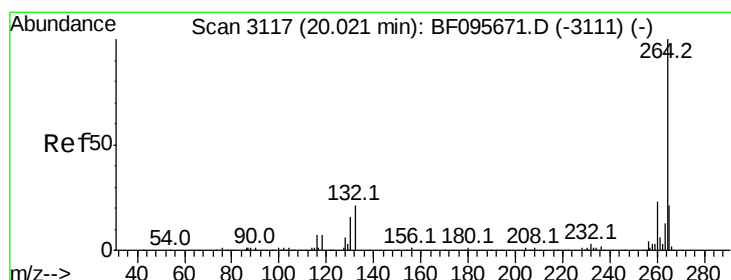
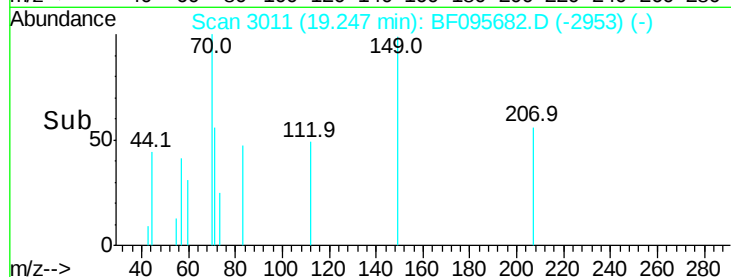
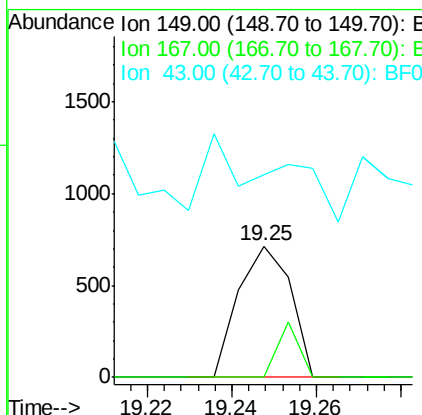
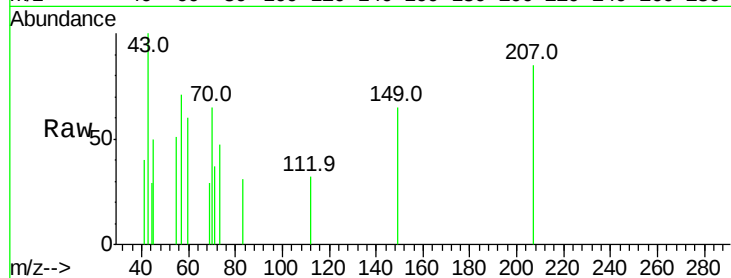




#84
Di-n-octyl phthalate
Concen: 0.03 ng
RT: 19.25 min Scan# 3011
Delta R.T. 0.04 min
Lab File: BF095682.D
Acq: 5 Jun 2017 20:00

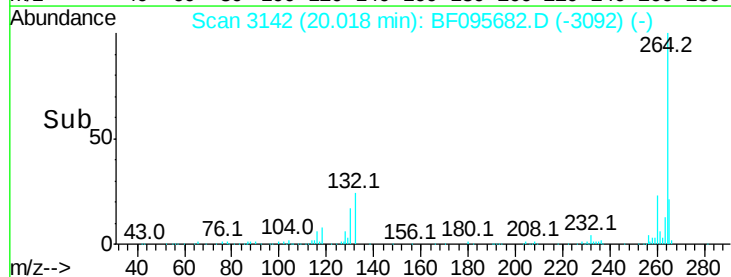
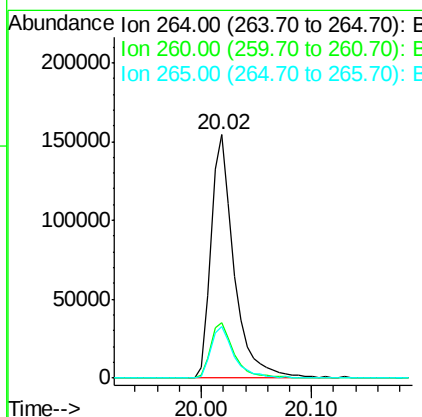
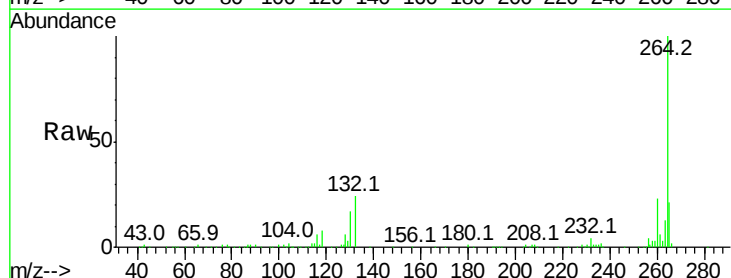
Instrument :
BNA_F
ClientSampleID :

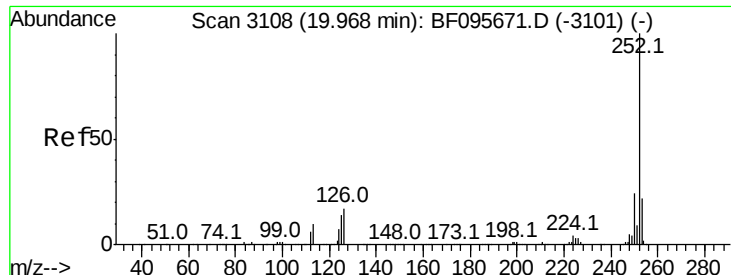
Tot Ion:149 Resp: 613
Ion Ratio Lower Upper
149 100
167 17.5 1.2 1.8#
43 42.6 8.5 12.7#



#86
Perylene-d12
Concen: 20.00 ng
RT: 20.02 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BF095682.D
Acq: 5 Jun 2017 20:00

Tgt Ion:264 Resp: 220247
Ion Ratio Lower Upper
264 100
260 22.5 19.5 29.3
265 21.2 17.2 25.8





#89

Benzo(a)pyrene

Concen: 0.04 ng

RT: 20.02 min Scan# 3142

Delta R.T. 0.05 min

Lab File: BF095682.D

Acq: 5 Jun 2017 20:00

Instrument :

BNA_F

ClientSampleId :

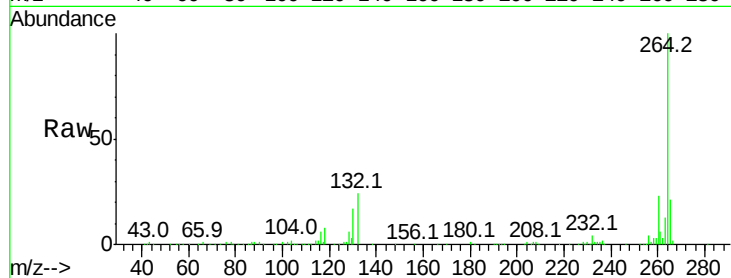
Tot Ion:252 Resp: 485

Ion Ratio Lower Upper

252 100

253 0.0 17.5 26.3#

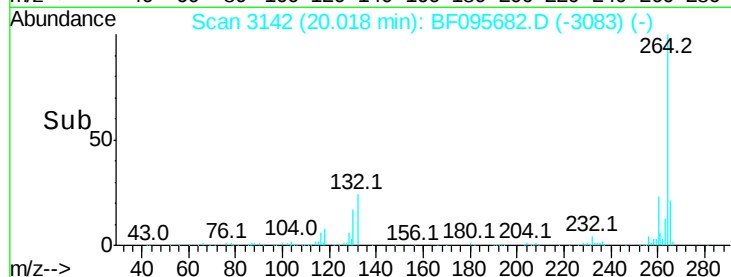
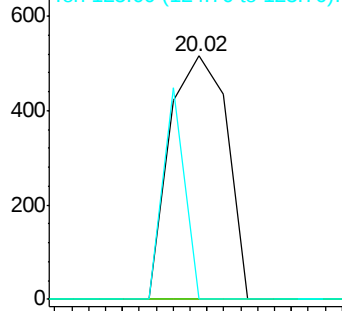
125 0.0 11.0 16.4#



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



Time-->