

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060517\
 Data File : BF095678.D
 Acq On : 5 Jun 2017 17:51
 Operator : SJ/MA
 Sample : I3440-04
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 06 01:12:19 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	102989	20.00	ng	0.00
21) Naphthalene-d8	9.42	136	459764	20.00	ng	0.00
38) Acenaphthene-d10	12.25	164	207248	20.00	ng	0.00
63) Phenanthrene-d10	14.64	188	390733	20.00	ng	0.00
75) Chrysene-d12	18.35	240	342467	20.00	ng	0.00
86) Perylene-d12	20.02	264	225665	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	850284	131.56	ng	0.03
7) Phenol-d6	6.96	99	939718	121.45	ng	0.00
23) Nitrobenzene-d5	8.31	82	660179	89.18	ng	0.00
41) 2,4,6-Tribromophenol	13.55	330	270006	147.25	ng	0.00
44) 2-Fluorobiphenyl	11.21	172	1377517	92.49	ng	0.00
78) Terphenyl-d14	17.02	244	1229148	89.07	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	1.78	88	1004	0.33	ng	# 67
4) n-Nitrosodimethylamine	2.27	42	268	0.10	ng	# 1
6) Aniline	7.06	93	986	0.10	ng	# 1
9) Benzaldehyde	6.97	77	865	0.17	ng	# 1
10) Phenol	6.97	94	125	0.02	ng	# 1
11) bis(2-Chloroethyl)ether	7.06	93	986	0.16	ng	# 1
15) Benzyl Alcohol	7.64	79	10025	1.89	ng	# 32
16) 2,2'-oxybis(1-Chloropropan	7.91	45	239	0.03	ng	# 70
18) Hexachloroethane	8.31	117	128	0.05	ng	# 1
19) n-Nitroso-di-n-propylamine	8.31	70	85985	17.54	ng	# 75
22) Acetophenone	8.05	105	241	0.02	ng	# 46
24) Nitrobenzene	8.31	77	1961	0.25	ng	# 39
25) Isophorone	8.68	82	121	0.01	ng	# 67
31) Naphthalene	9.46	128	32224	1.40	ng	# 98
32) Benzoic acid	9.36	122	2994	5.78	ng	# 85
33) 4-Chloroaniline	9.63	127	244	0.03	ng	# 44
37) 2-Methylnaphthalene	10.75	142	4412	0.28	ng	# 96
45) 1,1'-Biphenyl	11.37	154	3489	0.20	ng	# 87
48) Acenaphthylene	12.03	152	1023	0.04	ng	# 60
50) 2,6-Dinitrotoluene	12.25	165	26500	7.72	ng	# 34
51) Acenaphthene	12.30	154	6169	0.47	ng	# 95
54) Dibenzofuran	12.61	168	3891	0.21	ng	# 86
55) 4-Nitrophenol	12.61	139	1458	5.22	ng	# 25
57) Fluorene	13.15	166	4859	0.30	ng	# 97
59) Diethylphthalate	13.05	149	41947	2.77	ng	# 97
62) Azobenzene	13.45	77	244	0.02	ng	# 50
64) 4,6-Dinitro-2-methylphenol	13.54	198	375	0.15	ng	# 7
65) n-Nitrosodiphenylamine	13.55	169	8936	0.64	ng	# 37
70) Phenanthrene	14.68	178	8992	0.40	ng	# 95
71) Anthracene	14.68	178	8992	0.38	ng	# 95
72) Carbazole	15.12	167	804	0.04	ng	# 58
73) Di-n-butylphthalate	15.65	149	10220	0.42	ng	# 97
74) Fluoranthene	16.48	202	1195	0.05	ng	# 45
76) Benzidine	16.78	184	119	0.01	ng	# 1

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QLast Update : Mon Jun 05 16:15:31 2017
Response via : Initial Calibration

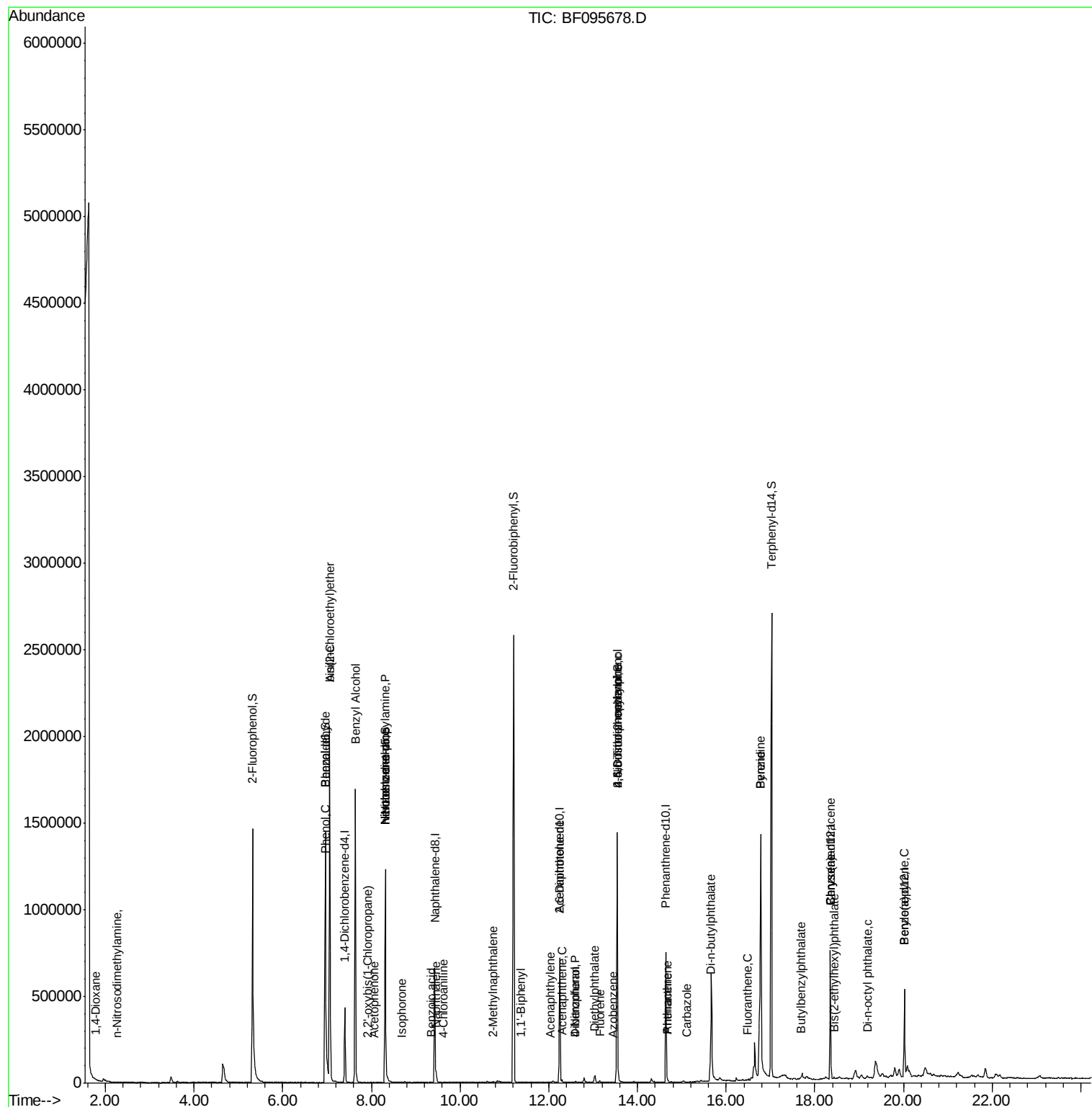
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
77) Pyrene	16.78	202	583	0.02	nq	# 1
79) Butylbenzylphthalate	17.68	149	710	0.06	nq	# 20
80) Benzo(a)anthracene	18.35	228	774	0.04	nq	# 50
82) Chrysene	18.35	228	774	0.04	nq	# 49
83) Bis(2-ethylhexyl)phthalate	18.43	149	4034	0.26	nq	# 99
84) Di-n-octyl phthalate	19.19	149	1533	0.06	nq	# 1
89) Benzo(a)pyrene	20.02	252	888	0.07	nq	# 24

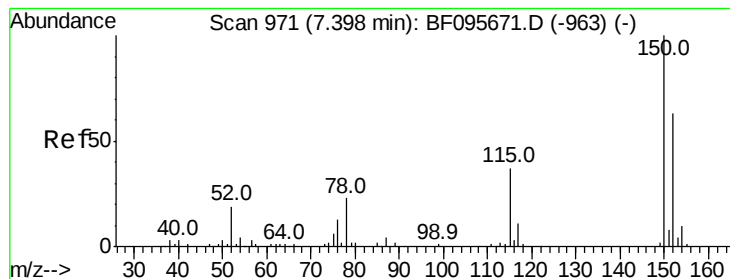
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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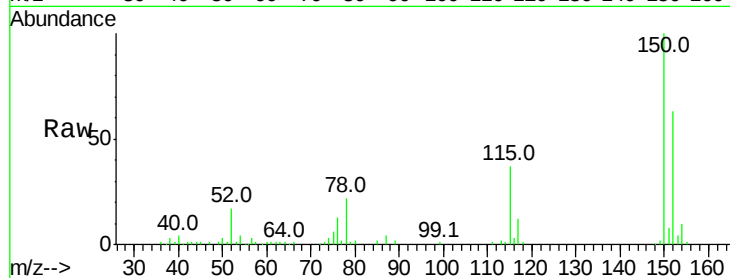


#1

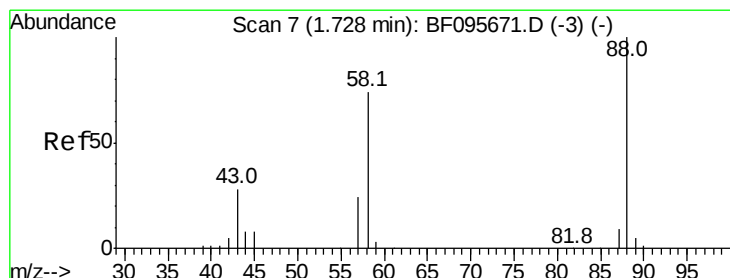
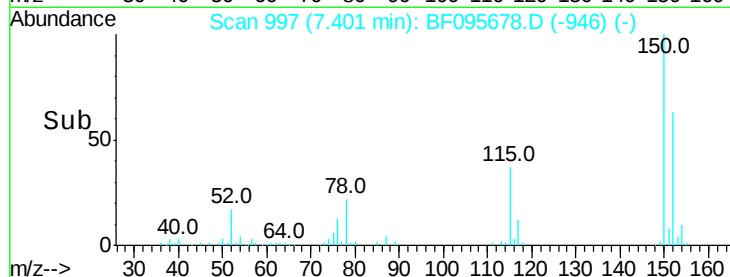
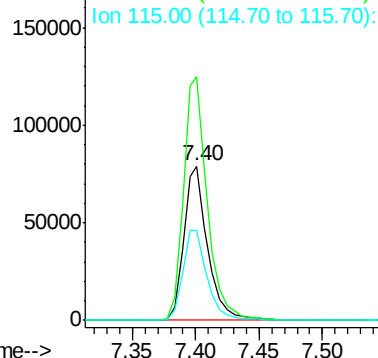
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.40 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF095678.D
Acq: 5 Jun 2017 17:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 102989
Ion Ratio Lower Upper
152 100
150 158.1 126.2 189.2
115 58.8 52.2 78.2



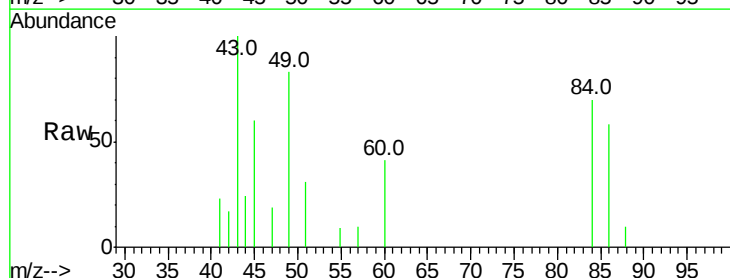
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



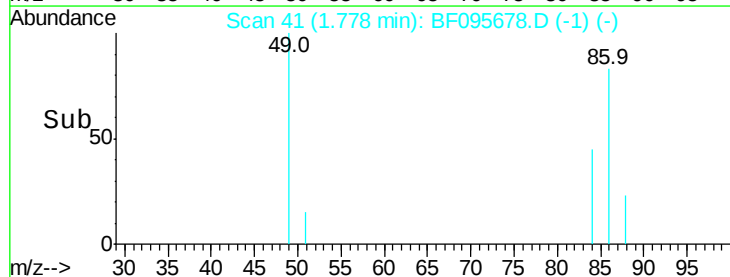
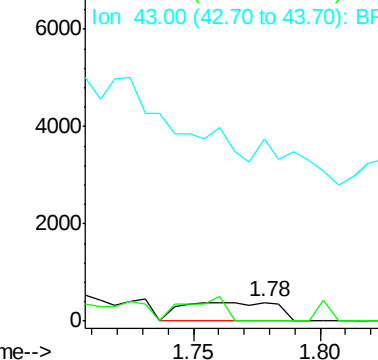
#2

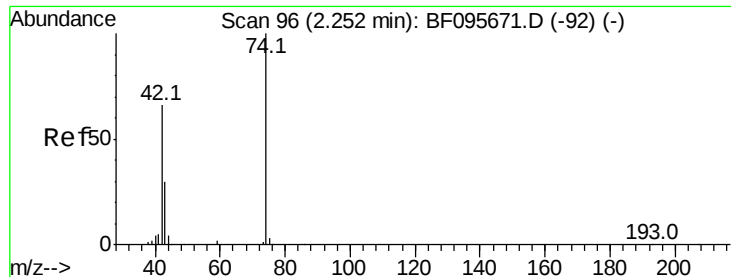
1,4-Dioxane
Concen: 0.33 ng
RT: 1.78 min Scan# 41
Delta R.T. 0.05 min
Lab File: BF095678.D
Acq: 5 Jun 2017 17:51

Tgt Ion: 88 Resp: 1004
Ion Ratio Lower Upper
88 100
58 55.5 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: 2.27 min Scan# 124

Delta R.T. 0.01 min

Lab File: BF095678.D

Acq: 5 Jun 2017 17:51

Instrument :

BNA_F

ClientSampled :

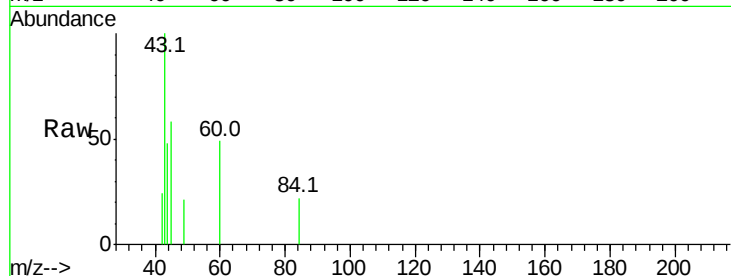
Tot Ion: 42 Resp: 268

Ion Ratio Lower Upper

42 100

74 0.0 103.9 155.9#

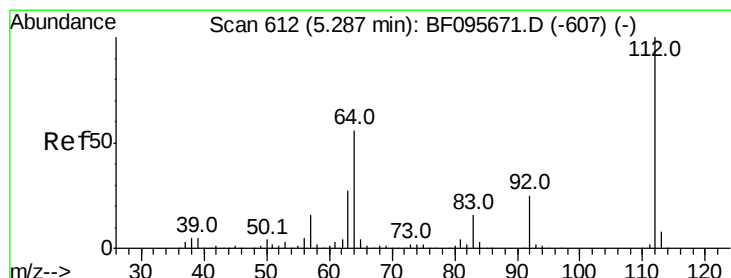
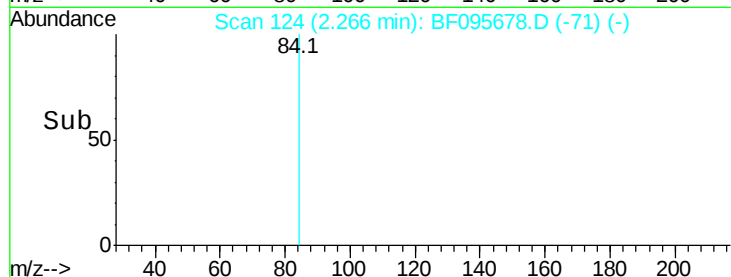
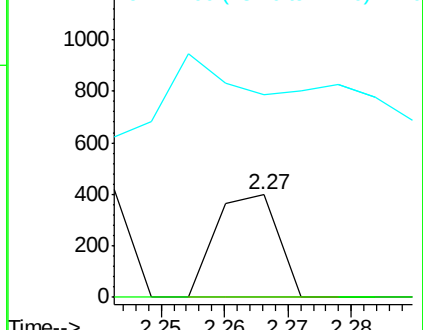
44 198.2 5.7 8.5#



Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0



#5

2-Fluorophenol

Concen: 131.56 ng

RT: 5.32 min Scan# 643

Delta R.T. 0.03 min

Lab File: BF095678.D

Acq: 5 Jun 2017 17:51

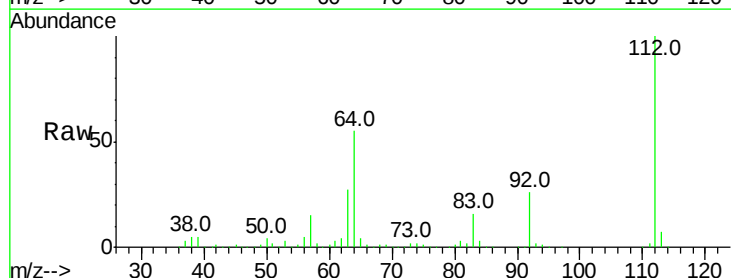
Tgt Ion: 112 Resp: 850284

Ion Ratio Lower Upper

112 100

64 54.6 46.0 69.0

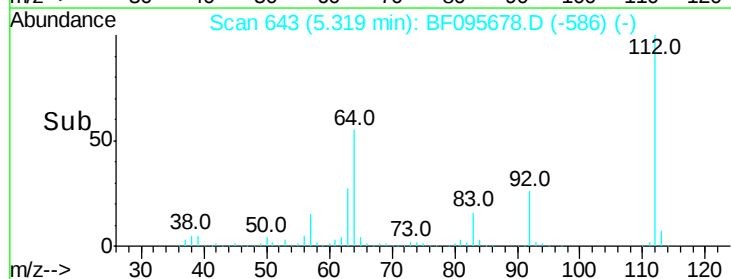
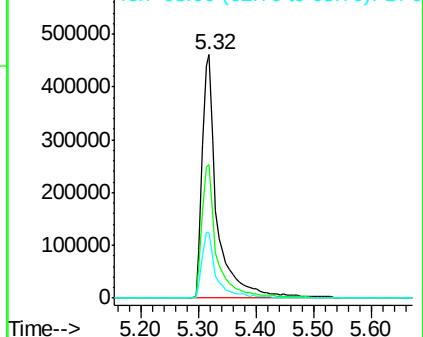
63 26.8 23.4 35.0

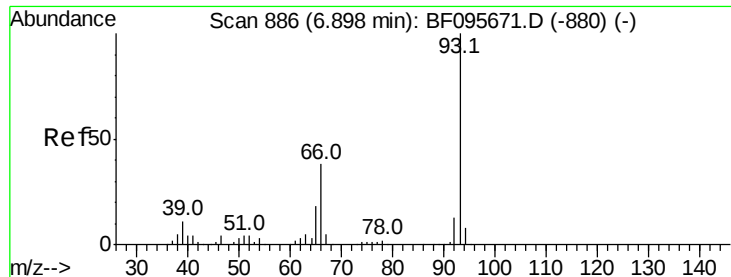


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 0.10 ng

RT: 7.06 min Scan# 939

Delta R.T. 0.16 min

Lab File: BF095678.D

Acq: 5 Jun 2017 17:51

Instrument :

BNA_F

ClientSampleId :

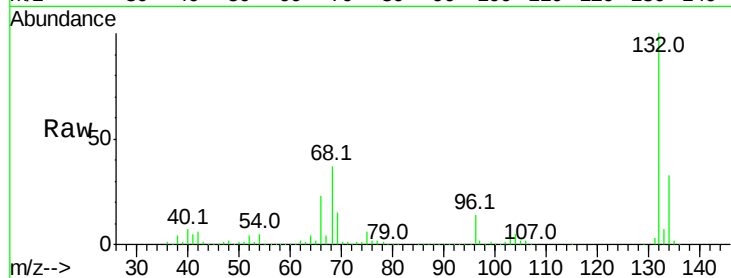
Tot Ion: 93 Resp: 986

Ion Ratio Lower Upper

93 100

66 15918.9 32.9 49.3#

65 1296.4 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

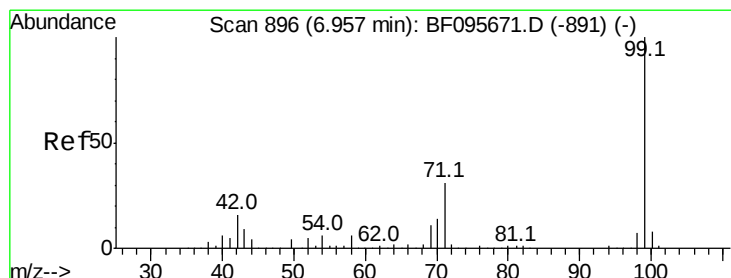
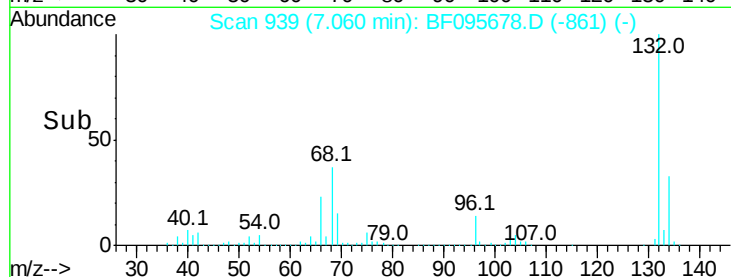
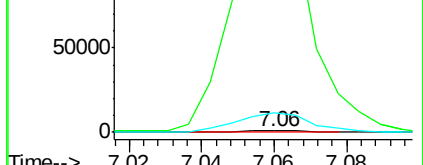
200000

150000

100000

50000

0



#7

Phenol-d6

Concen: 121.45 ng

RT: 6.96 min Scan# 922

Delta R.T. 0.00 min

Lab File: BF095678.D

Acq: 5 Jun 2017 17:51

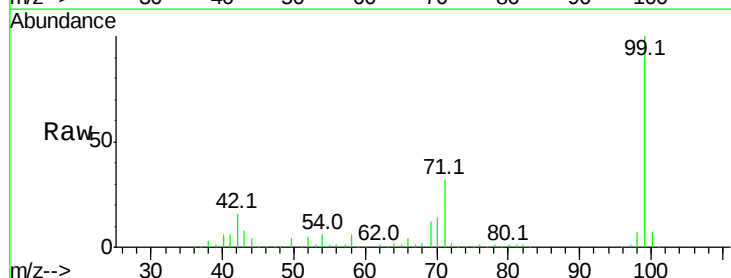
Tgt Ion: 99 Resp: 939718

Ion Ratio Lower Upper

99 100

42 16.1 13.5 20.3

71 32.0 24.5 36.7



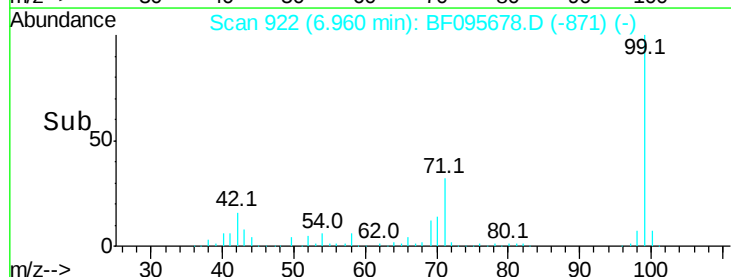
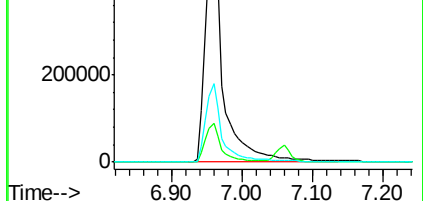
Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0

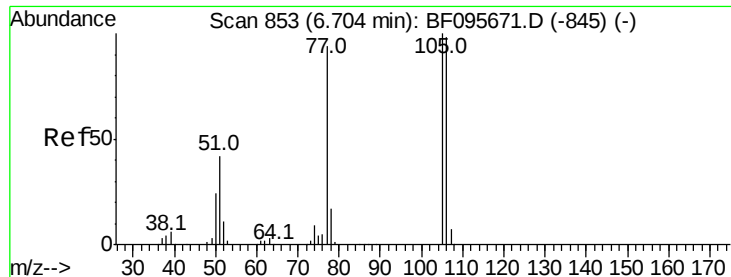
600000

400000

200000

0





#9

Benzaldehyde

Concen: 0.17 ng

RT: 6.97 min Scan# 923

Delta R.T. 0.26 min

Lab File: BF095678.D

Acq: 5 Jun 2017 17:51

Instrument :

BNA_F

ClientSampled :

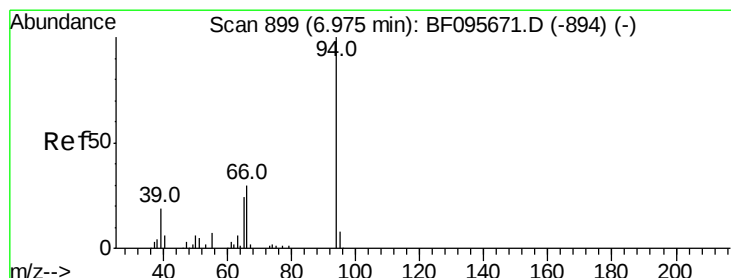
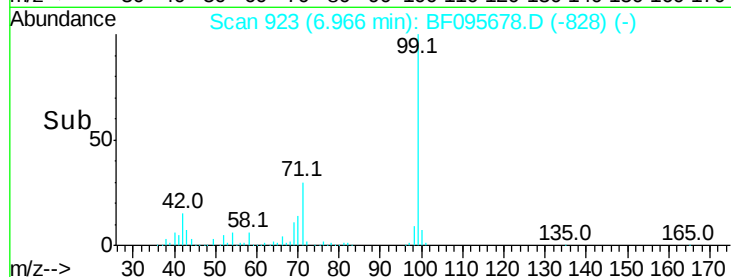
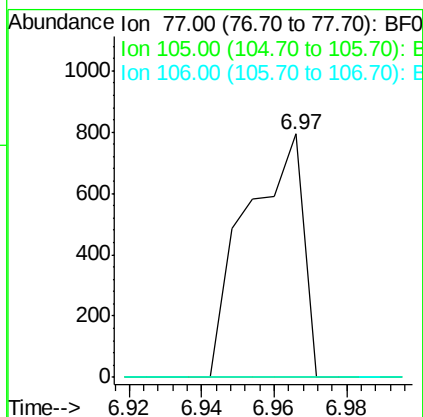
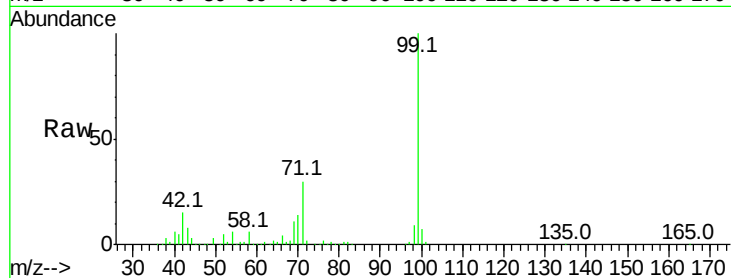
Tot Ion: 77 Resp: 865

Ion Ratio Lower Upper

77 100

105 0.0 83.8 123.8#

106 0.0 79.1 119.1#



#10

Phenol

Concen: 0.02 ng

RT: 6.97 min Scan# 924

Delta R.T. -0.00 min

Lab File: BF095678.D

Acq: 5 Jun 2017 17:51

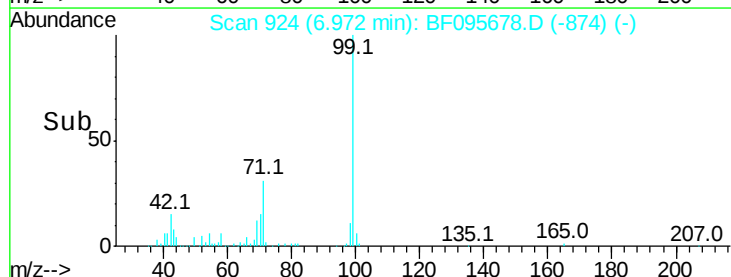
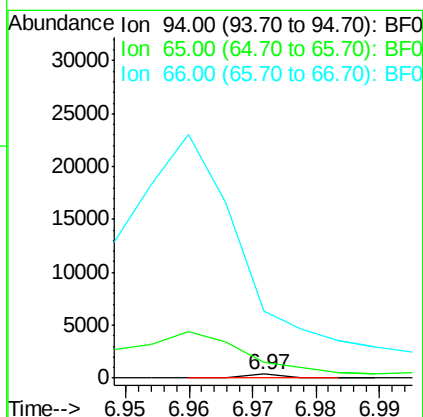
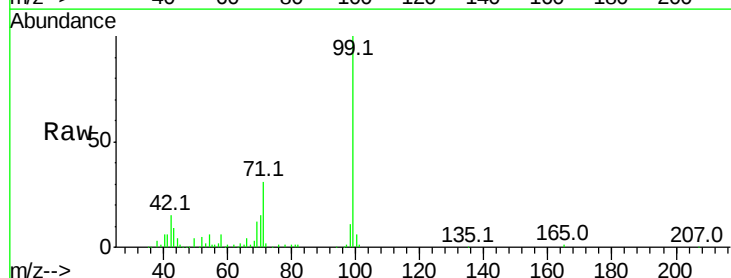
Tgt Ion: 94 Resp: 125

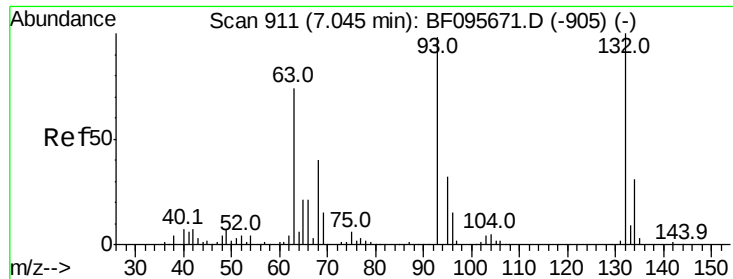
Ion Ratio Lower Upper

94 100

65 408.7 9.9 49.9#

66 1778.3 23.1 63.1#





#11

bis(2-Chloroethyl)ether

Concen: 0.16 ng

RT: 7.06 min Scan# 939

Delta R.T. 0.01 min

Lab File: BF095678.D

Acq: 5 Jun 2017 17:51

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ClientSampleId :

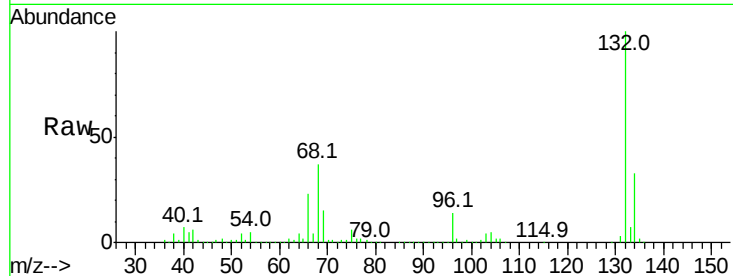
Tot Ion: 93 Resp: 986

Ion Ratio Lower Upper

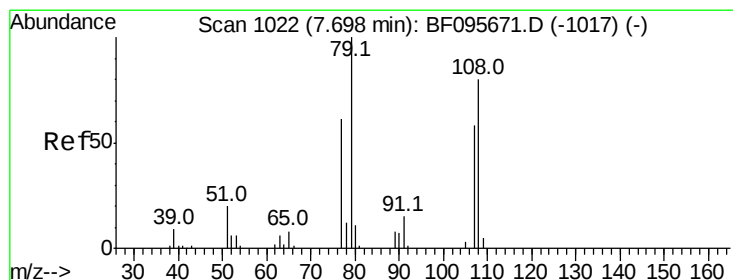
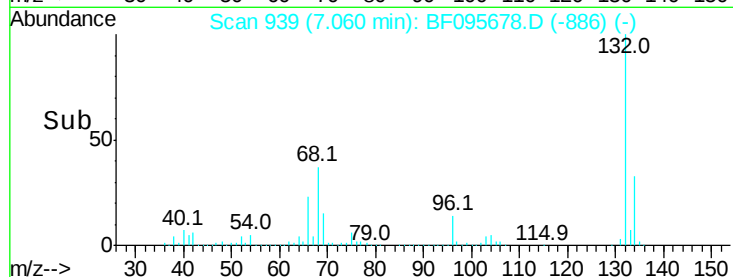
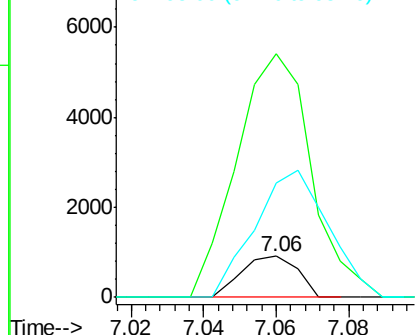
93 100

63 596.5 59.2 99.2#

95 281.5 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: 1.89 ng

RT: 7.64 min Scan# 1037

Delta R.T. -0.06 min

Lab File: BF095678.D

Acq: 5 Jun 2017 17:51

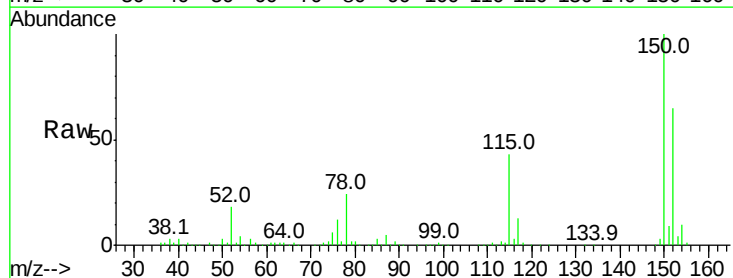
Tgt Ion: 79 Resp: 10025

Ion Ratio Lower Upper

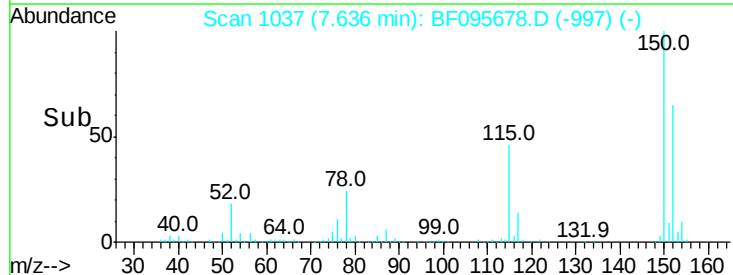
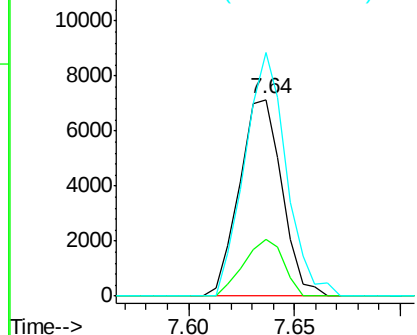
79 100

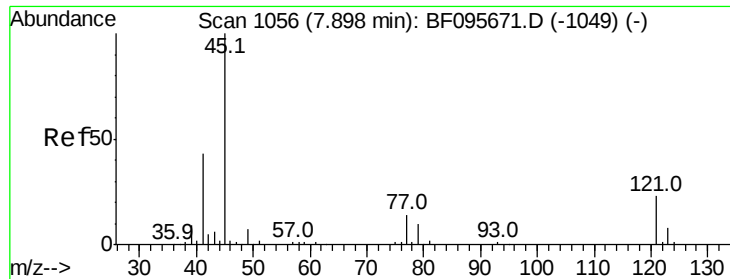
108 29.0 63.4 95.0#

77 123.8 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

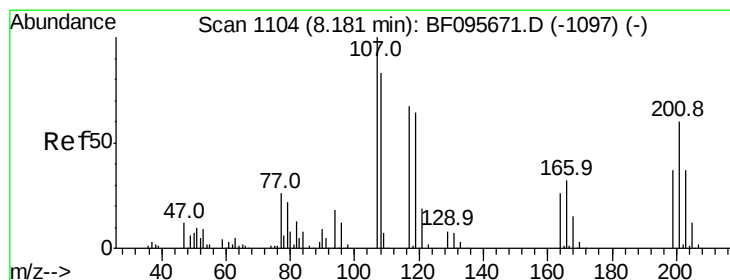
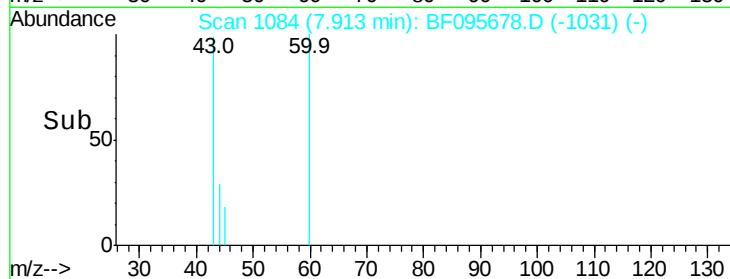
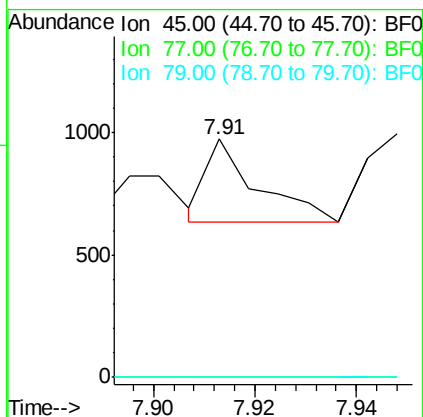
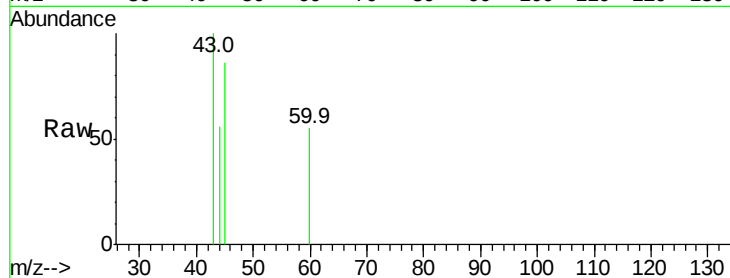




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 0.03 ng
RT: 7.91 min Scan# 1084
Delta R.T. 0.01 min
Lab File: BF095678.D
Acq: 5 Jun 2017 17:51

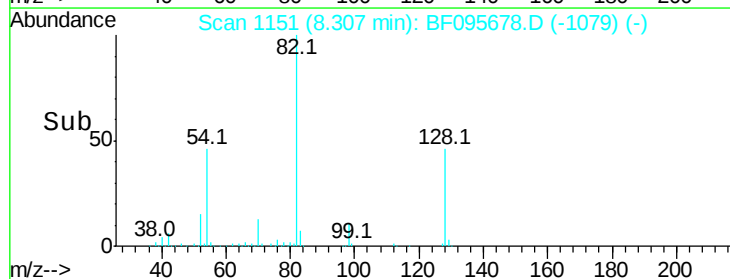
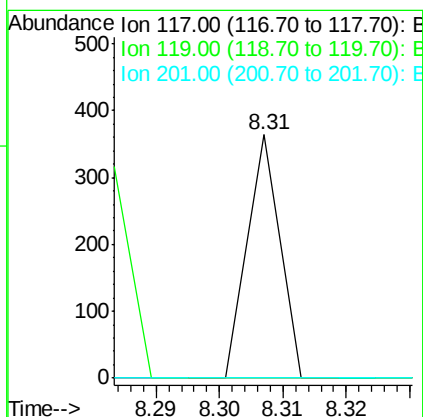
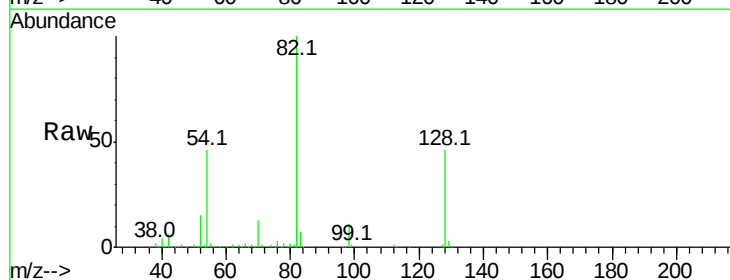
Instrument :
BNA_F
ClientSampleId :

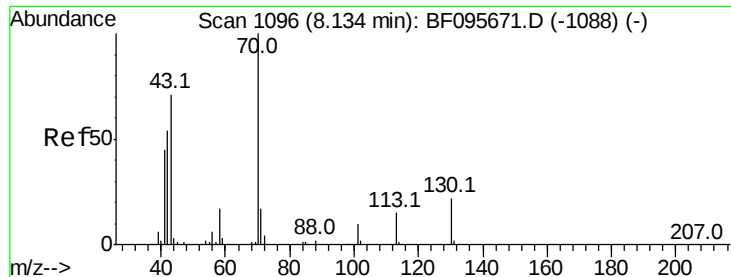
Tot Ion: 45 Resp: 239
Ion Ratio Lower Upper
45 100
77 0.0 0.0 33.2
79 0.0 0.0 30.0



#18
Hexachloroethane
Concen: 0.05 ng
RT: 8.31 min Scan# 1151
Delta R.T. 0.13 min
Lab File: BF095678.D
Acq: 5 Jun 2017 17:51

Tgt Ion: 117 Resp: 128
Ion Ratio Lower Upper
117 100
119 0.0 77.4 116.0#
201 0.0 94.6 141.8#





#19

n-Nitroso-di-n-propylamine

Concen: 17.54 ng

RT: 8.31 min Scan# 1152

Delta R.T. 0.18 min

Lab File: BF095678.D

Acq: 5 Jun 2017 17:51

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 85985

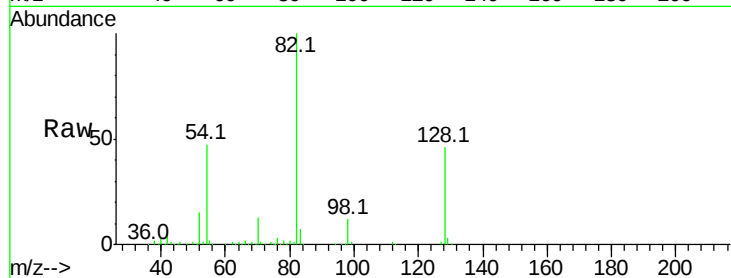
Ion Ratio Lower Upper

70 100

42 43.9 47.2 70.8#

101 0.0 7.2 10.8#

130 2.4 15.9 23.9#

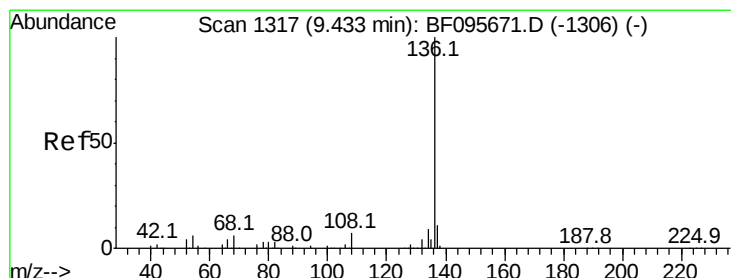
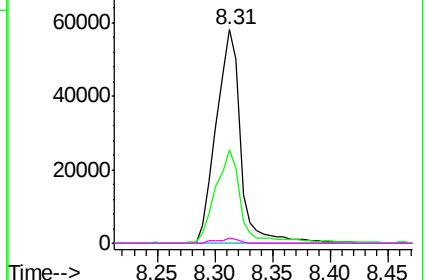
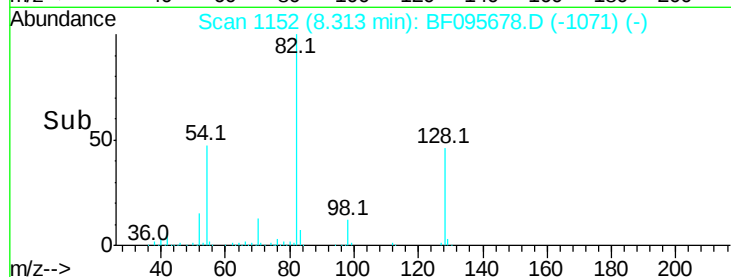


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF095678.D

Acq: 5 Jun 2017 17:51

Tgt Ion:136 Resp: 459764

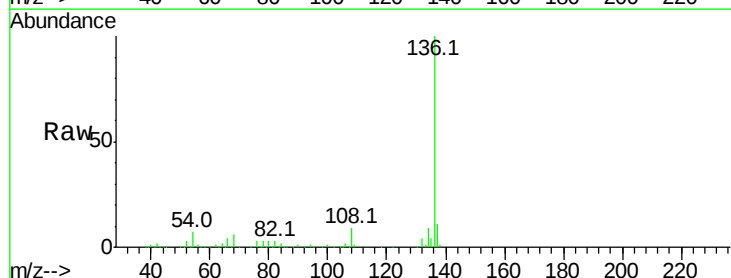
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 6.9 4.9 7.3

68 5.7 4.1 6.1

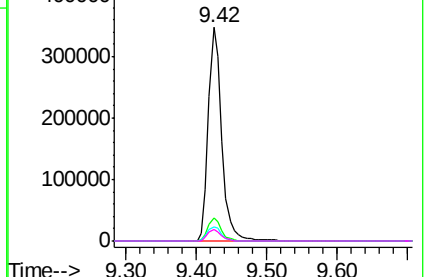
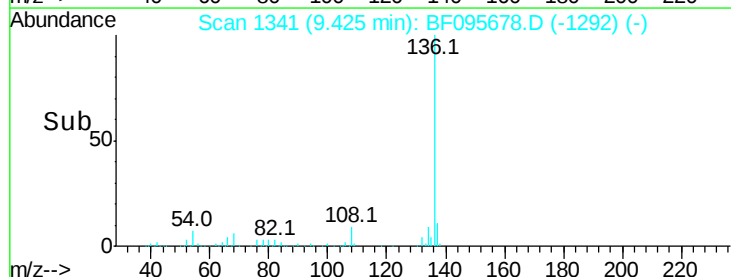


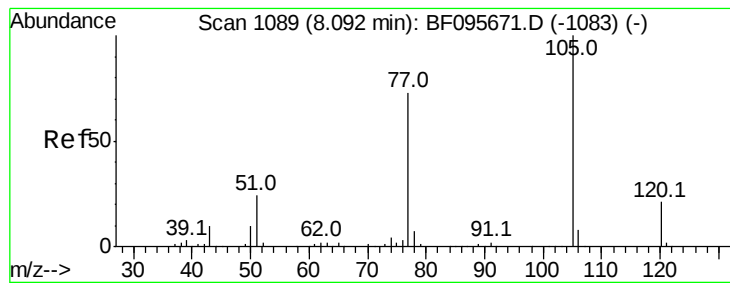
Abundance Ion 136.00 (135.70 to 136.70): BF0

Ion 137.00 (136.70 to 137.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#22

Acetophenone

Concen: 0.02 ng

RT: 8.05 min Scan# 1108

Delta R.T. -0.04 min

Lab File: BF095678.D

Acq: 5 Jun 2017 17:51

Instrument :

BNA_F

ClientSampleId :

Tot Ion:105 Resp: 241

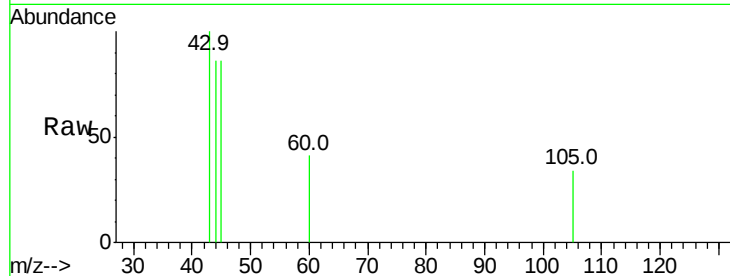
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 0.0 30.7 46.1#

120 0.0 17.4 26.0#

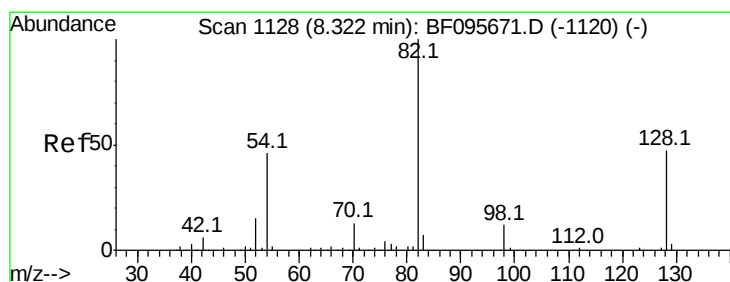
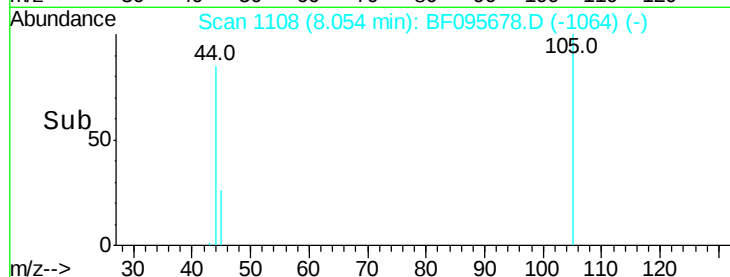
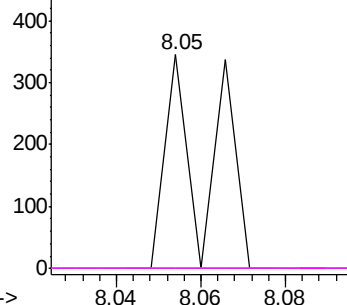


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 89.18 ng

RT: 8.31 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF095678.D

Acq: 5 Jun 2017 17:51

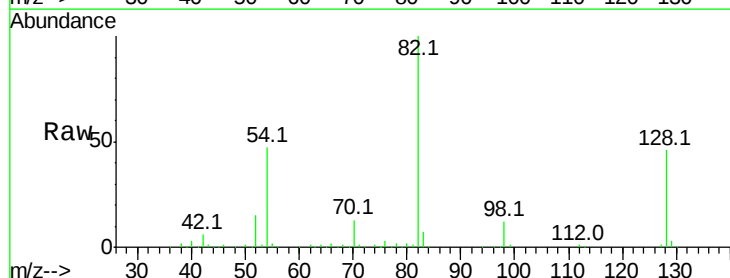
Tgt Ion: 82 Resp: 660179

Ion Ratio Lower Upper

82 100

128 46.2 34.0 51.0

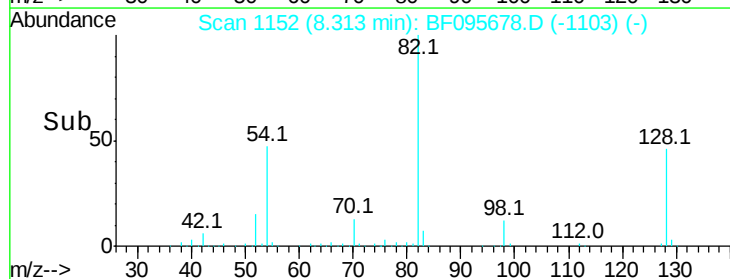
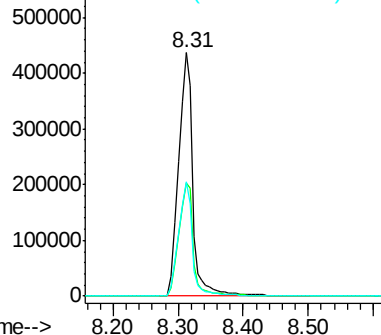
54 47.1 42.2 63.2

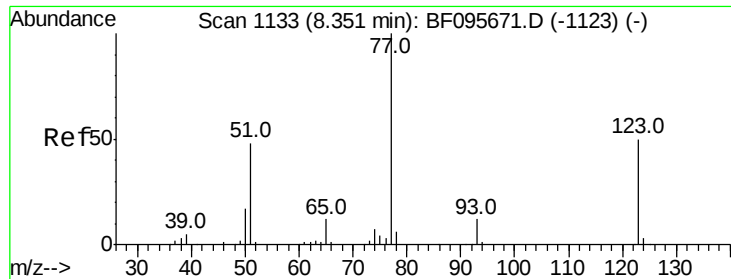


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

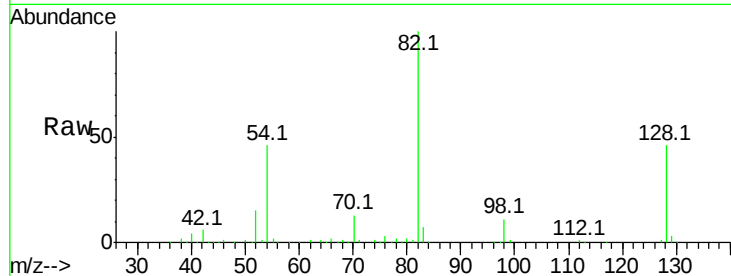




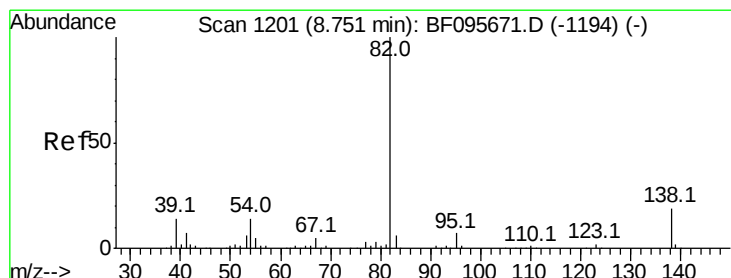
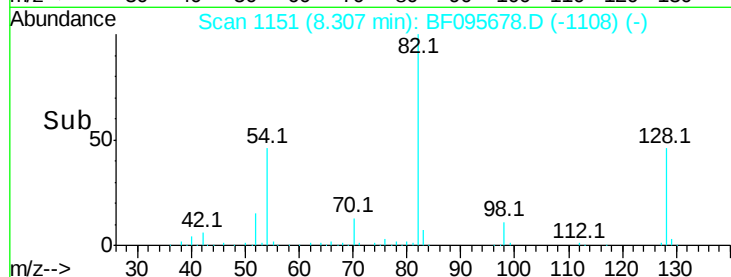
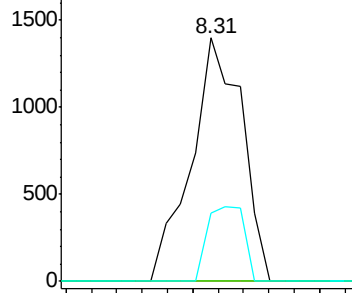
#24
Nitrobenzene
Concen: 0.25 ng
RT: 8.31 min Scan# 1151
Delta R.T. -0.04 min
Lab File: BF095678.D
Acq: 5 Jun 2017 17:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 1961
Ion Ratio Lower Upper
77 100
123 0.0 35.8 53.8#
65 27.9 10.6 15.8#

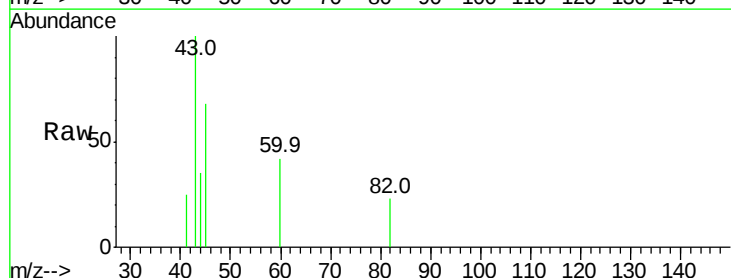


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): BF0
Ion 65.00 (64.70 to 65.70): BF0

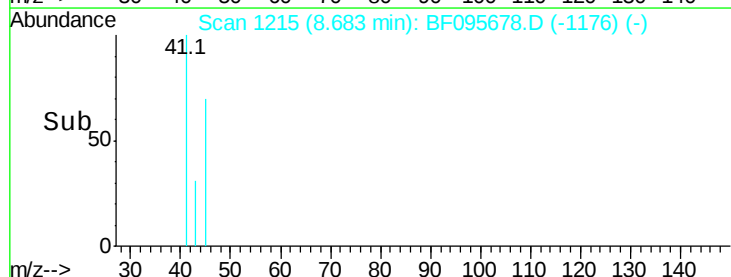
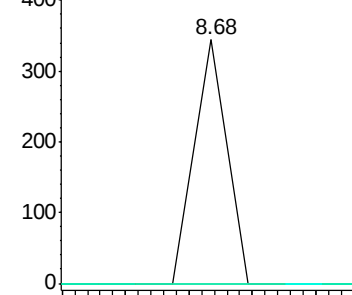


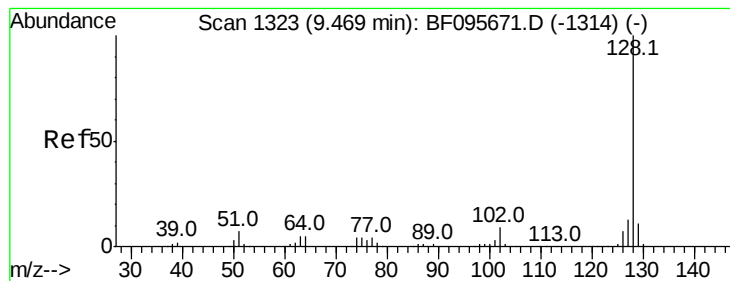
#25
Isophorone
Concen: 0.01 ng
RT: 8.68 min Scan# 1215
Delta R.T. -0.07 min
Lab File: BF095678.D
Acq: 5 Jun 2017 17:51

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#



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





#31

Naphthalene

Concen: 1.40 ng

RT: 9.46 min Scan# 1347

Delta R.T. -0.01 min

Lab File: BF095678.D

Acq: 5 Jun 2017 17:51

Instrument :

BNA_F

ClientSampleId :

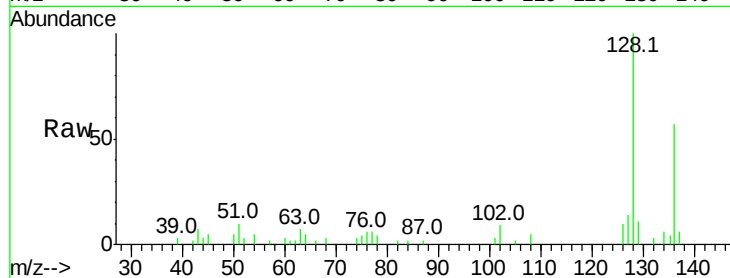
Tot Ion:128 Resp: 32224

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.6

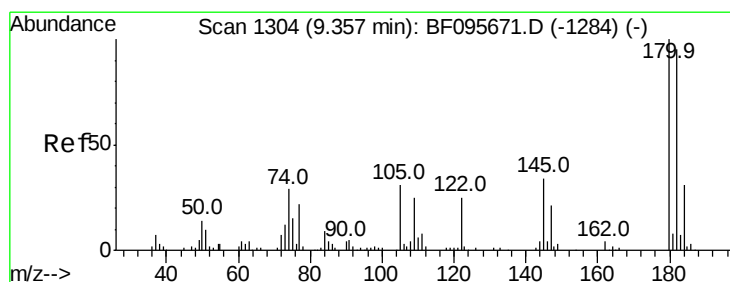
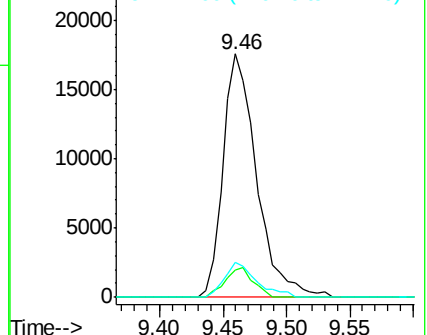
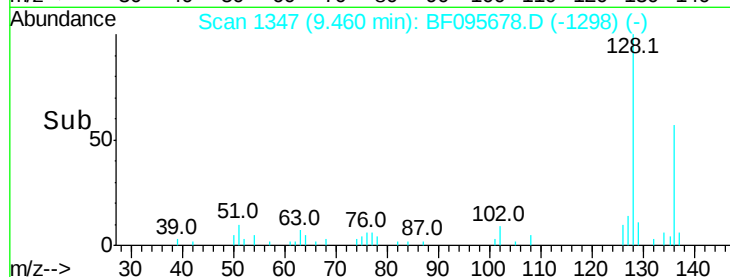
127 14.4 10.8 16.2



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



#32

Benzoic acid

Concen: 5.78 ng

RT: 9.36 min Scan# 1330

Delta R.T. 0.00 min

Lab File: BF095678.D

Acq: 5 Jun 2017 17:51

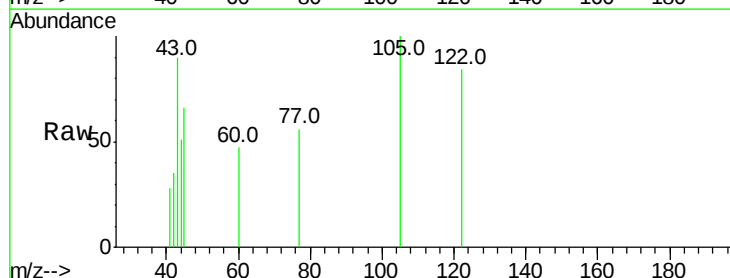
Tgt Ion:122 Resp: 2994

Ion Ratio Lower Upper

122 100

105 118.6 103.3 143.3

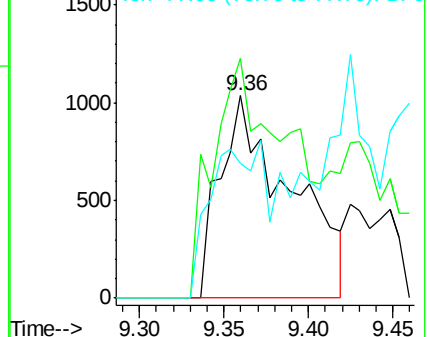
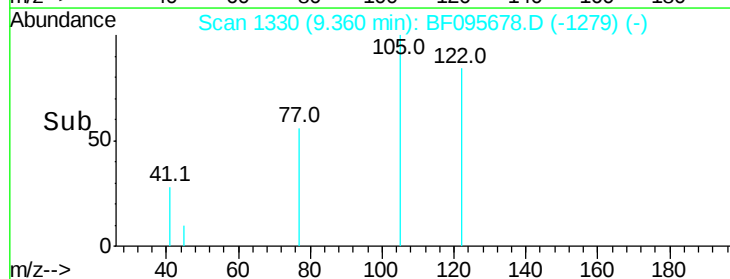
77 66.4 73.7 113.7#

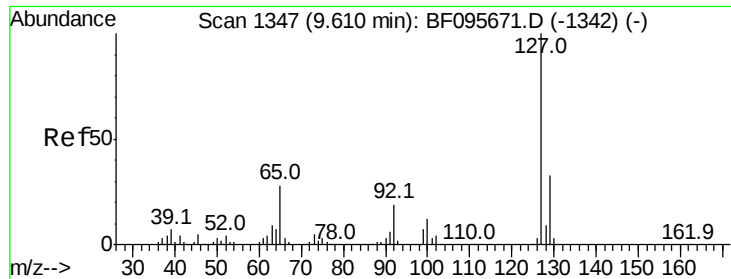


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

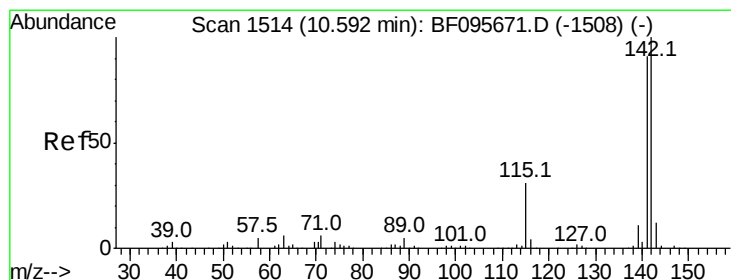
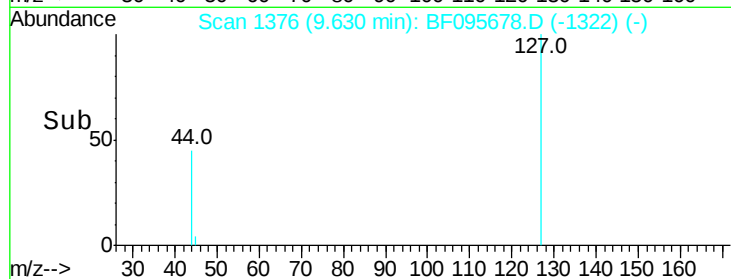
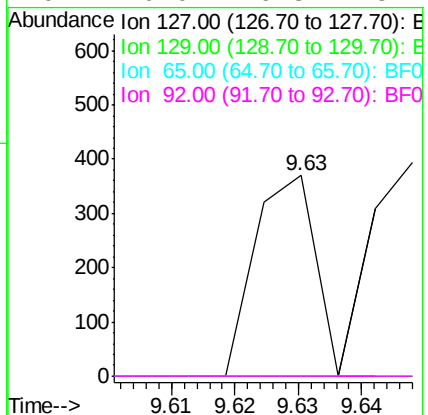
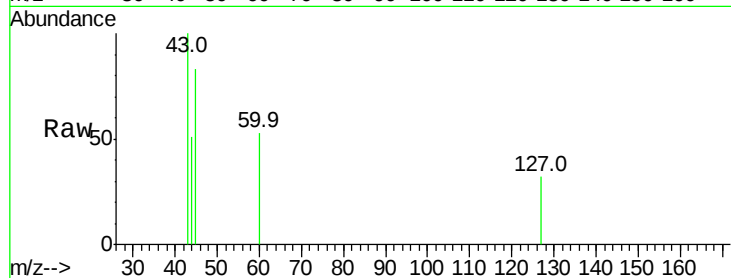




#33
4-Chloroaniline
Concen: 0.03 ng
RT: 9.63 min Scan# 1376
Delta R.T. 0.02 min
Lab File: BF095678.D
Acq: 5 Jun 2017 17:51

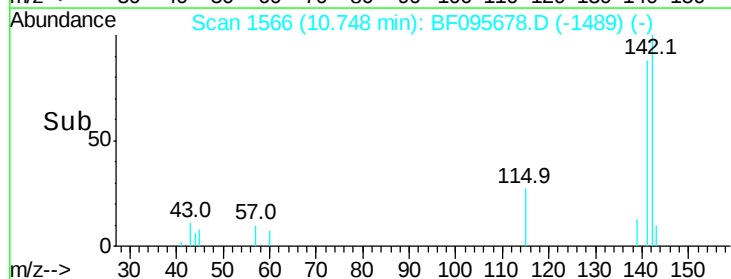
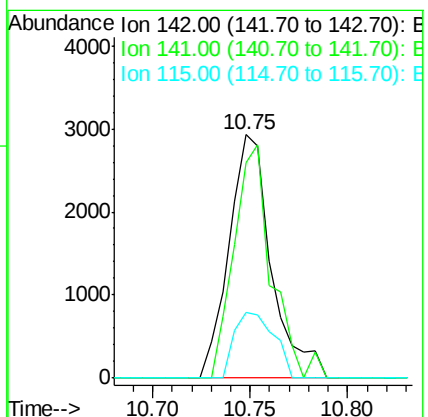
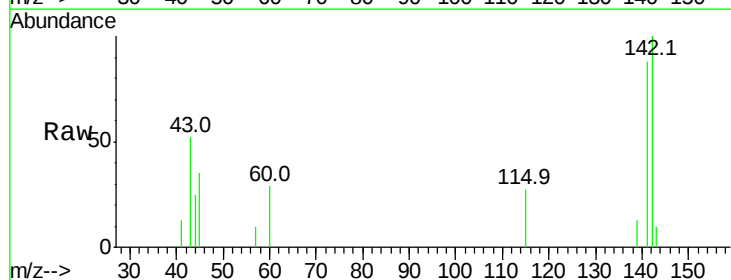
Instrument :
BNA_F
ClientSampleId :

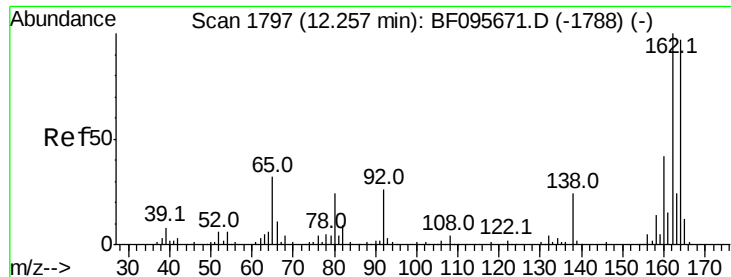
Tot Ion:127 Resp: 244
Ion Ratio Lower Upper
127 100
129 0.0 26.2 39.2#
65 0.0 27.8 41.8#
92 0.0 16.8 25.2#



#37
2-Methylnaphthalene
Concen: 0.28 ng
RT: 10.75 min Scan# 1566
Delta R.T. 0.16 min
Lab File: BF095678.D
Acq: 5 Jun 2017 17:51

Tgt Ion:142 Resp: 4412
Ion Ratio Lower Upper
142 100
141 88.3 71.3 106.9
115 27.1 27.1 40.7

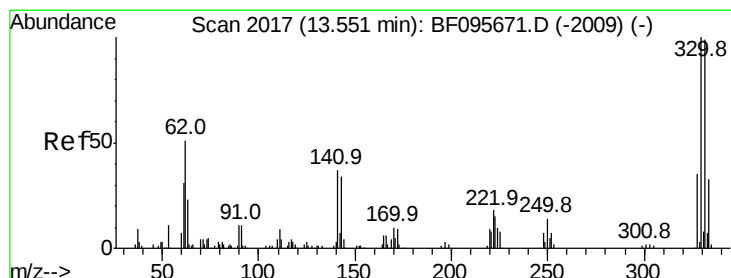
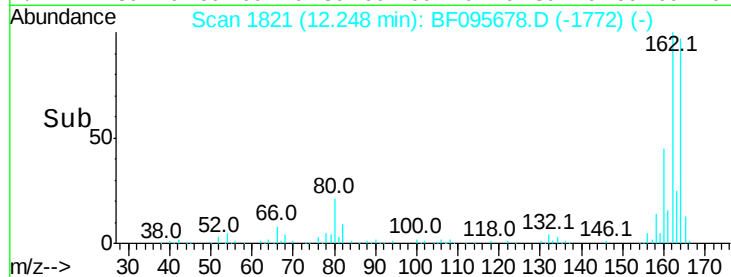
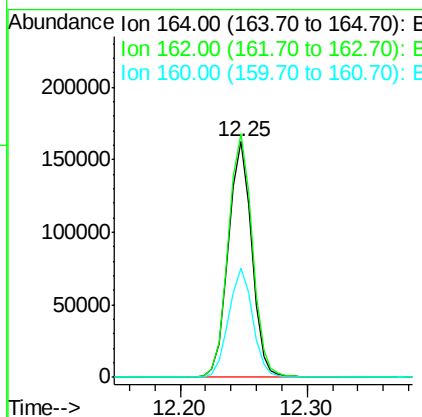
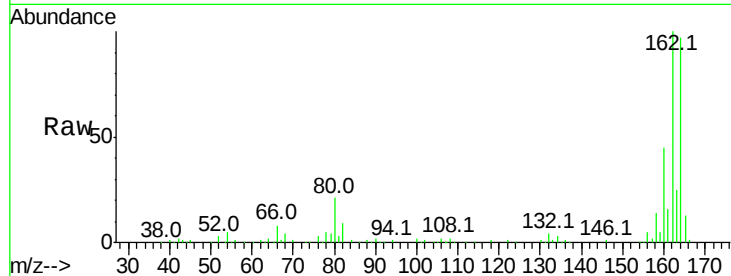




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.25 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: BF095678.D
 Acq: 5 Jun 2017 17:51

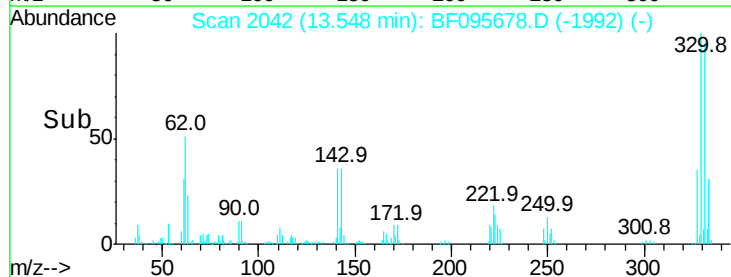
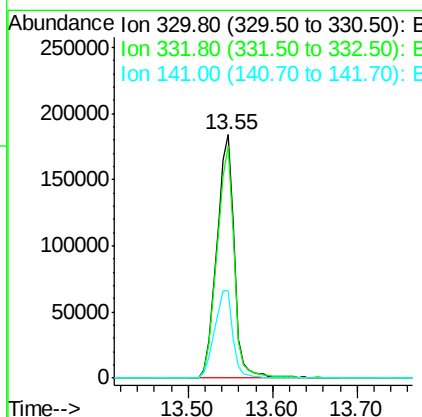
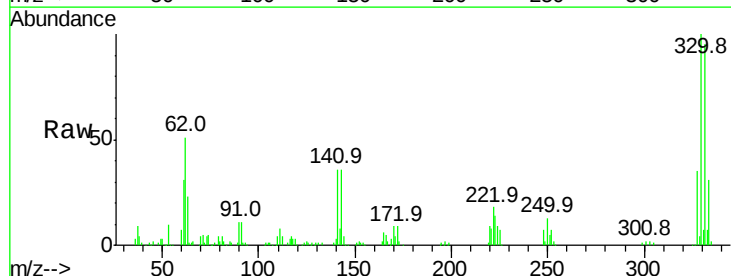
Instrument :
 BNA_F
 ClientSampled :

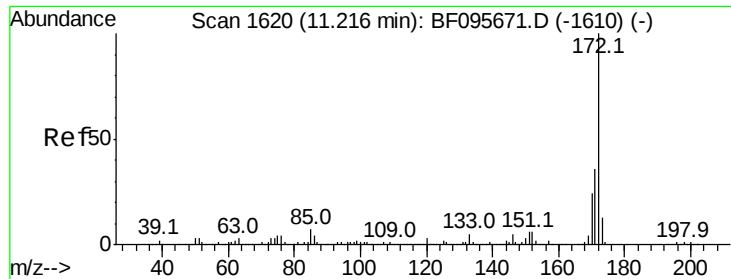
Tot Ion:164 Resp: 207248
 Ion Ratio Lower Upper
 164 100
 162 103.3 82.6 123.8
 160 46.2 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 147.25 ng
 RT: 13.55 min Scan# 2042
 Delta R.T. -0.00 min
 Lab File: BF095678.D
 Acq: 5 Jun 2017 17:51

Tgt Ion:330 Resp: 270006
 Ion Ratio Lower Upper
 330 100
 332 94.1 76.6 115.0
 141 38.1 31.4 47.2

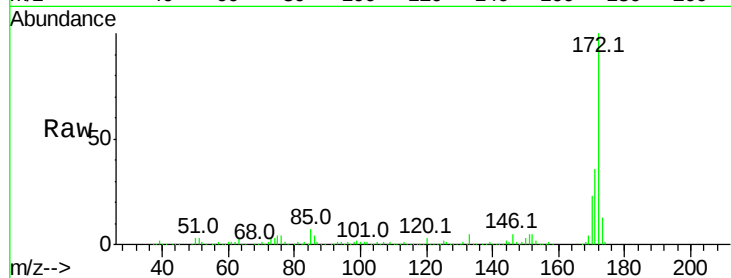




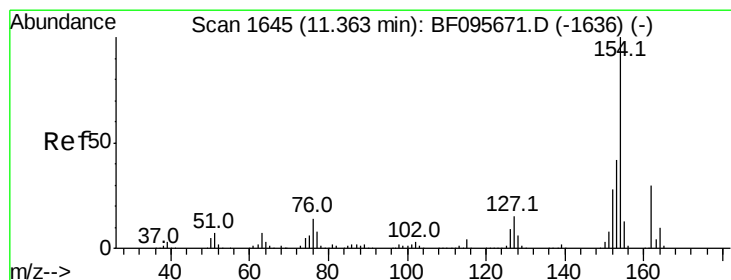
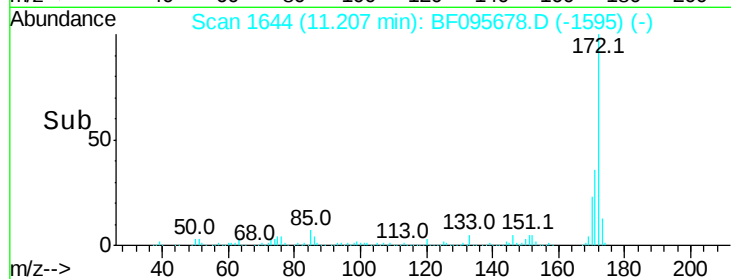
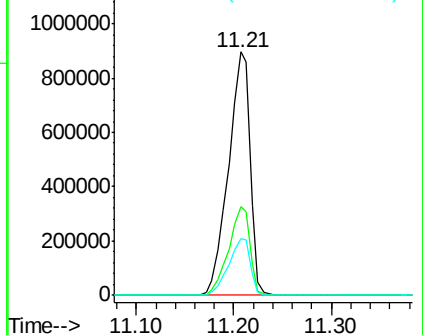
#44
2-Fluorobiphenyl
Concen: 92.49 ng
RT: 11.21 min Scan# 1644
Delta R.T. -0.01 min
Lab File: BF095678.D
Acq: 5 Jun 2017 17:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 1377517
Ion Ratio Lower Upper
172 100
171 36.3 29.6 44.4
170 23.5 19.8 29.8

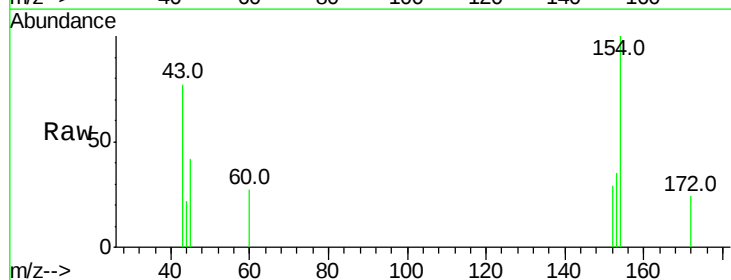


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

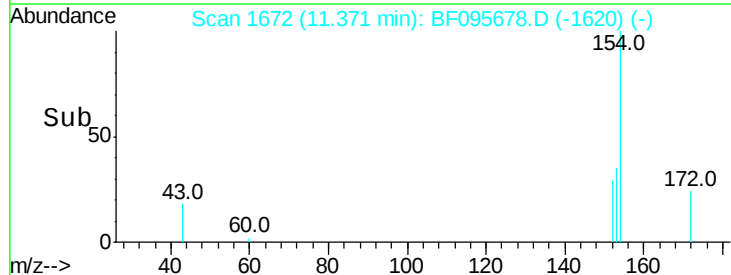
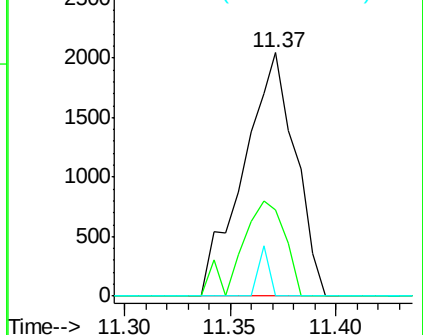


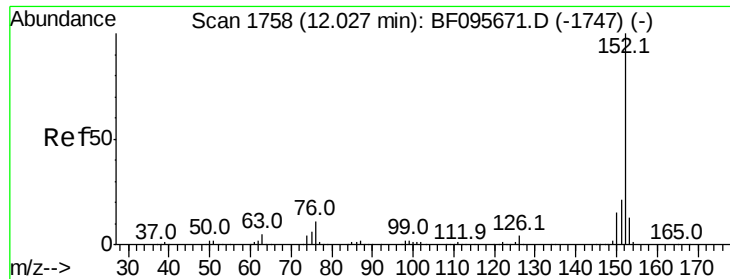
#45
1,1'-Biphenyl
Concen: 0.20 ng
RT: 11.37 min Scan# 1672
Delta R.T. 0.01 min
Lab File: BF095678.D
Acq: 5 Jun 2017 17:51

Tgt Ion:154 Resp: 3489
Ion Ratio Lower Upper
154 100
153 35.1 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: 0.04 ng

RT: 12.03 min Scan# 1784

Delta R.T. 0.00 min

Lab File: BF095678.D

Acq: 5 Jun 2017 17:51

Instrument :

BNA_F

ClientSampleId :

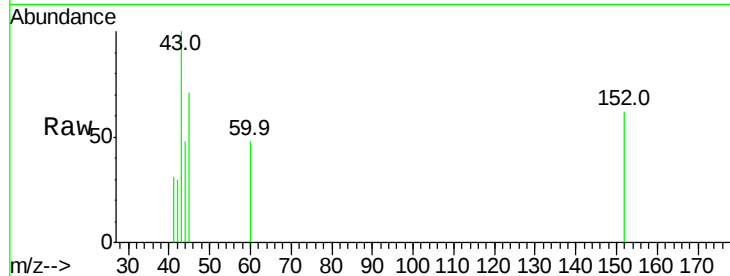
Tot Ion:152 Resp: 1023

Ion Ratio Lower Upper

152 100

151 0.0 16.8 25.2#

153 0.0 10.8 16.2#



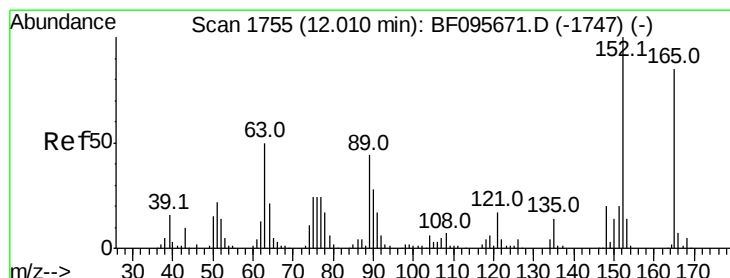
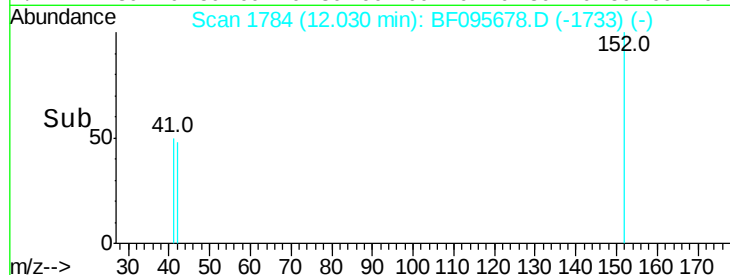
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

12.03

Time-->



#50

2,6-Dinitrotoluene

Concen: 7.72 ng

RT: 12.25 min Scan# 1821

Delta R.T. 0.24 min

Lab File: BF095678.D

Acq: 5 Jun 2017 17:51

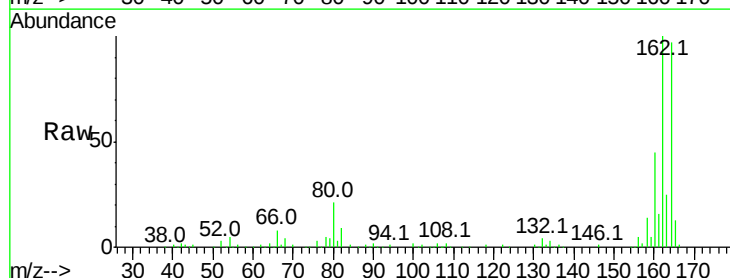
Tgt Ion:165 Resp: 26500

Ion Ratio Lower Upper

165 100

63 1.5 34.3 51.5#

89 2.1 37.1 55.7#



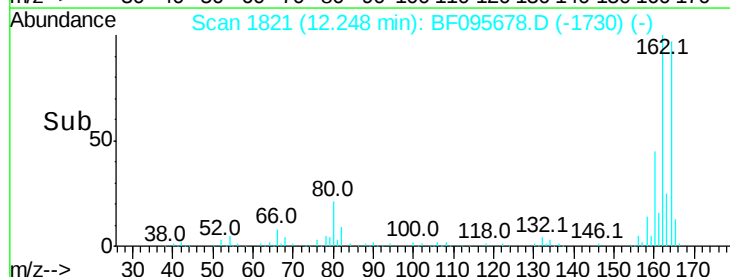
Abundance Ion 165.00 (164.70 to 165.70): E

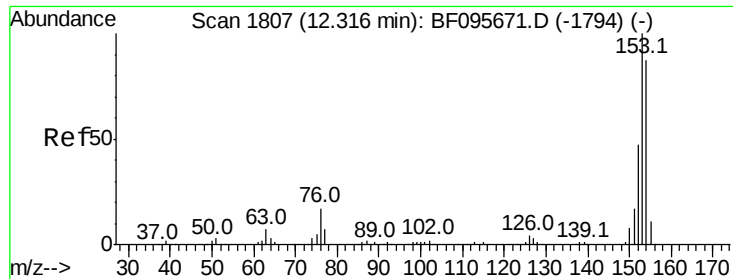
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

12.25

Time-->





#51

Acenaphthene

Concen: 0.47 ng

RT: 12.30 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF095678.D

Acq: 5 Jun 2017 17:51

Instrument :

BNA_F

ClientSampleId :

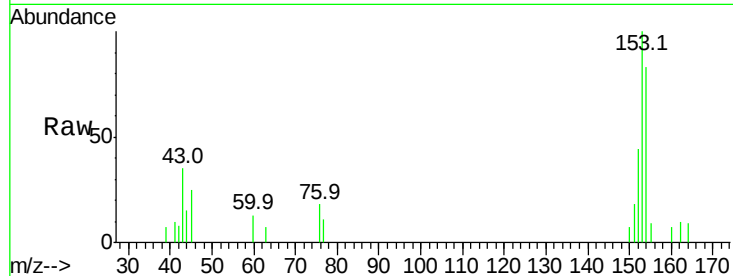
Tot Ion:154 Resp: 6169

Ion Ratio Lower Upper

154 100

153 120.0 90.5 135.7

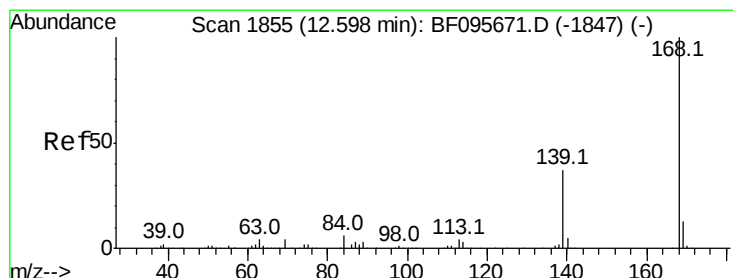
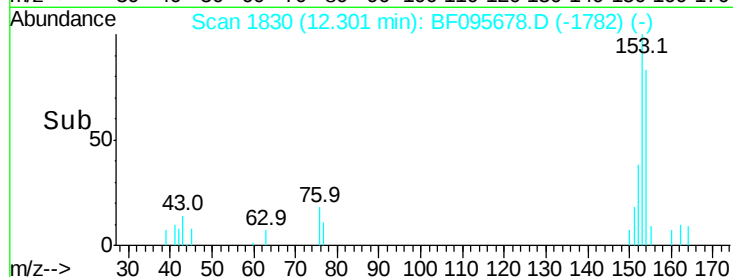
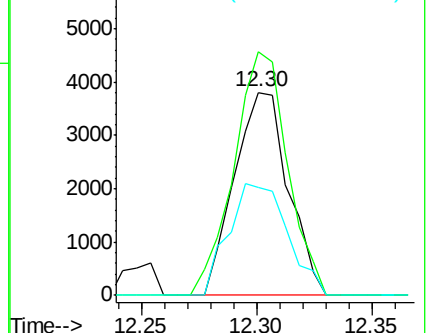
152 53.4 43.6 65.4



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: 0.21 ng

RT: 12.61 min Scan# 1882

Delta R.T. 0.01 min

Lab File: BF095678.D

Acq: 5 Jun 2017 17:51

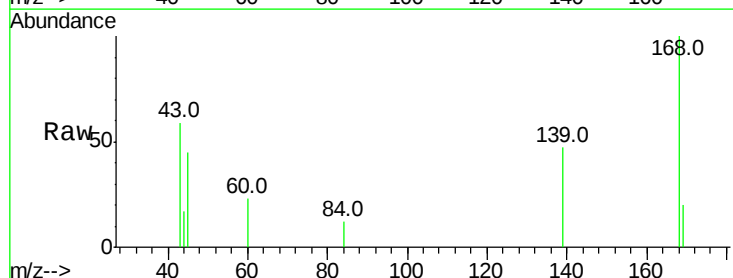
Tgt Ion:168 Resp: 3891

Ion Ratio Lower Upper

168 100

139 46.6 30.6 45.8#

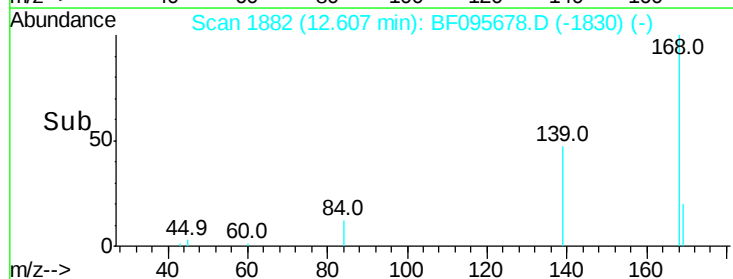
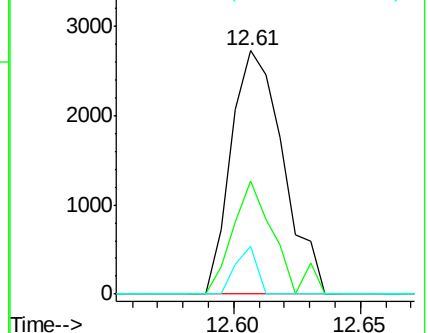
169 19.6 10.8 16.2#

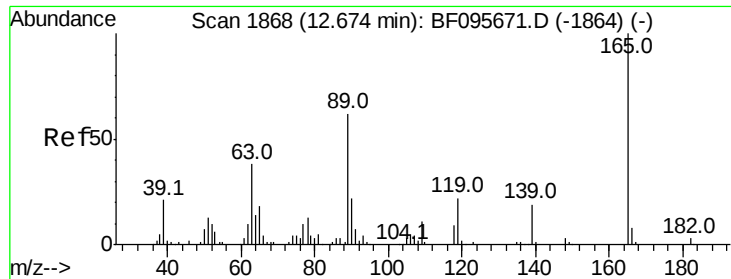


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 5.22 ng

RT: 12.61 min Scan# 1882

Delta R.T. -0.07 min

Lab File: BF095678.D

Acq: 5 Jun 2017 17:51

Instrument :

BNA_F

ClientSampleId :

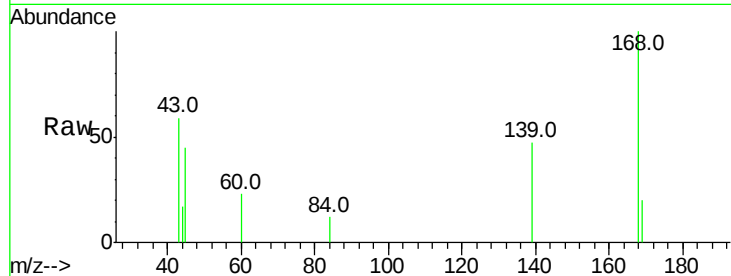
Tot Ion:139 Resp: 1458

Ion Ratio Lower Upper

139 100

109 0.0 34.1 74.1#

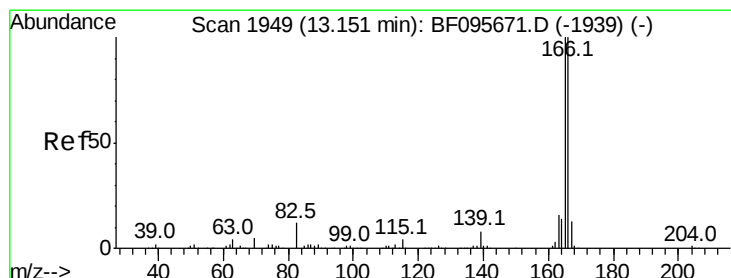
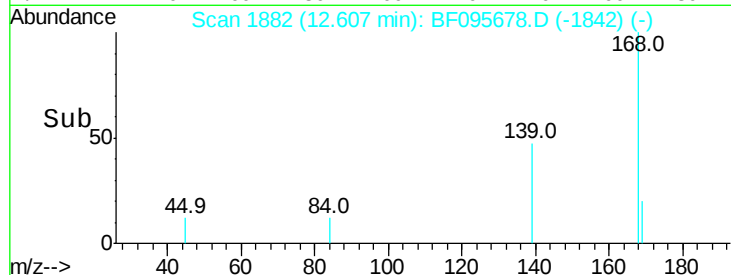
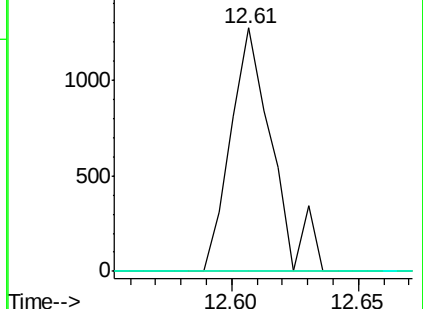
65 0.0 31.4 71.4#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E



#57

Fluorene

Concen: 0.30 ng

RT: 13.15 min Scan# 1975

Delta R.T. 0.00 min

Lab File: BF095678.D

Acq: 5 Jun 2017 17:51

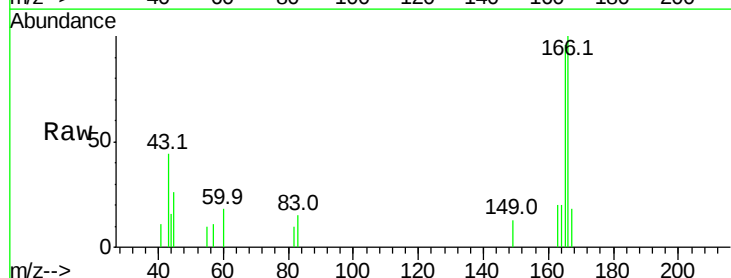
Tgt Ion:166 Resp: 4859

Ion Ratio Lower Upper

166 100

165 96.1 78.8 118.2

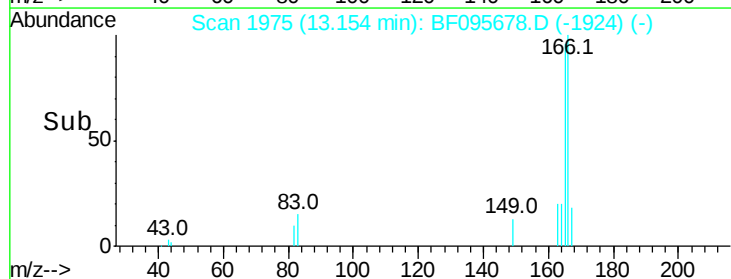
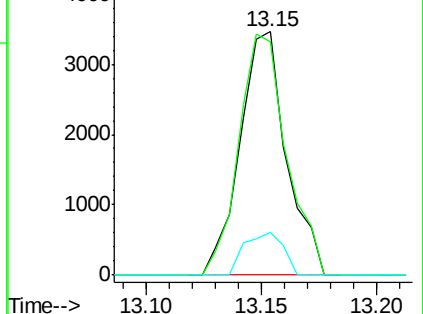
167 17.7 10.6 16.0#

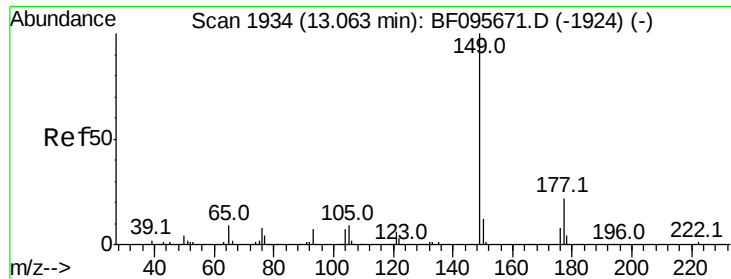


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

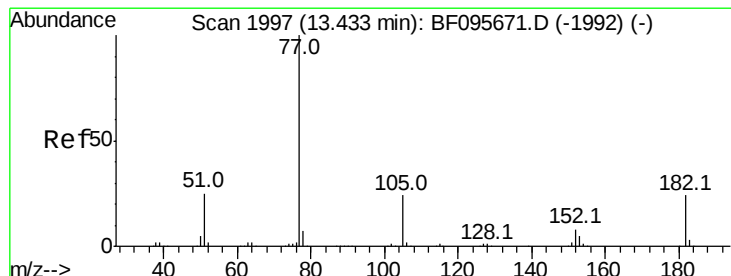
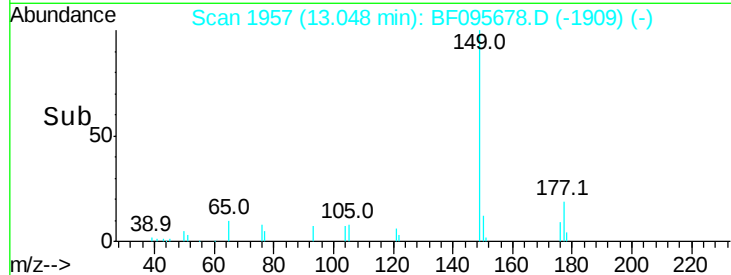
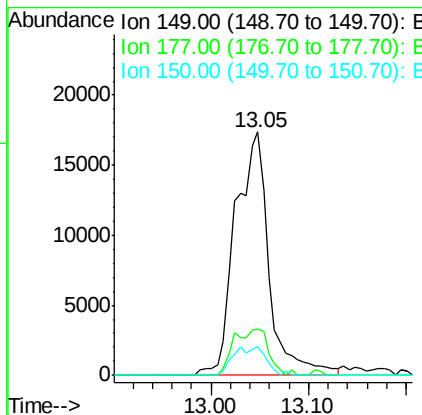
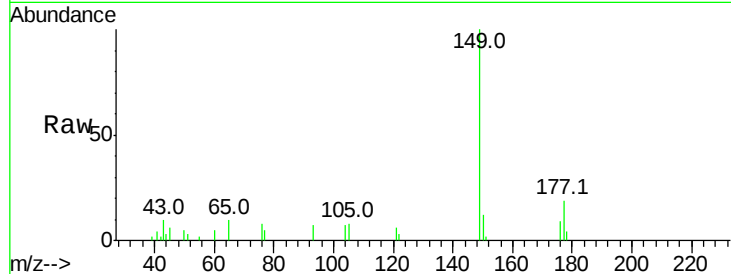




#59
 Diethylphthalate
 Concen: 2.77 ng
 RT: 13.05 min Scan# 1957
 Delta R.T. -0.01 min
 Lab File: BF095678.D
 Acq: 5 Jun 2017 17:51

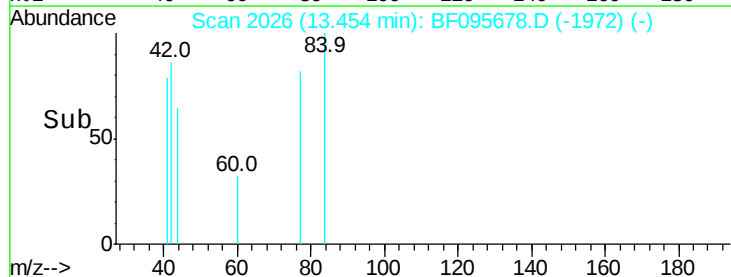
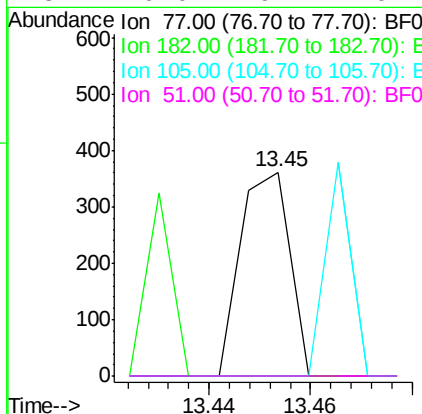
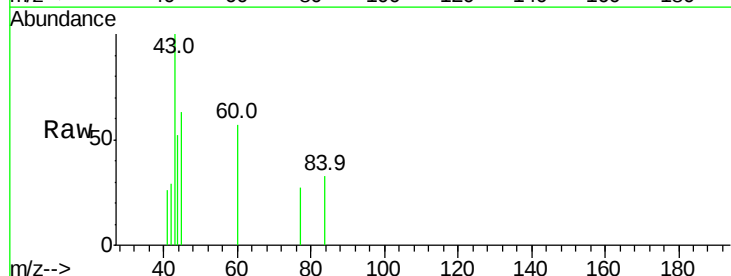
Instrument :
 BNA_F
 ClientSampleId :

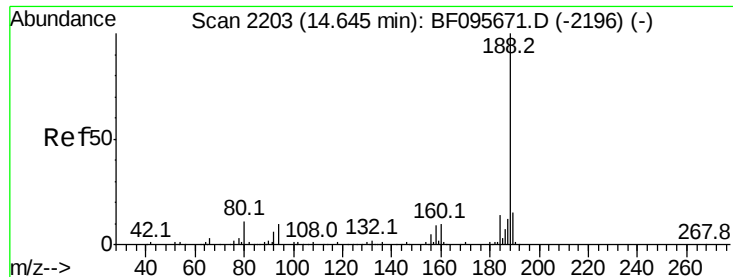
Tot Ion:	149	Resp:	41947
Ion	Ratio	Lower	Upper
149	100		
177	19.0	16.7	25.1
150	11.8	10.2	15.2



#62
 Azobenzene
 Concen: 0.02 ng
 RT: 13.45 min Scan# 2026
 Delta R.T. 0.02 min
 Lab File: BF095678.D
 Acq: 5 Jun 2017 17:51

Tgt Ion:	77	Resp:	244
Ion	Ratio	Lower	Upper
77	100		
182	0.0	0.1	40.1#
105	0.0	3.6	43.6#
51	0.0	9.4	49.4#

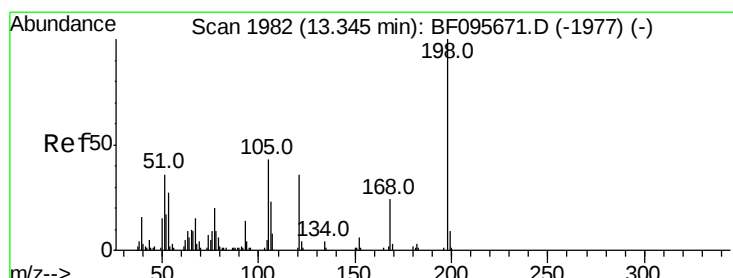
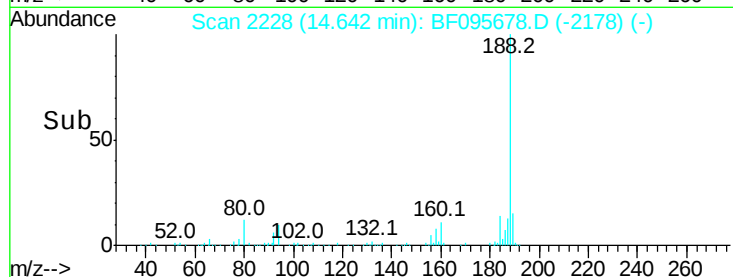
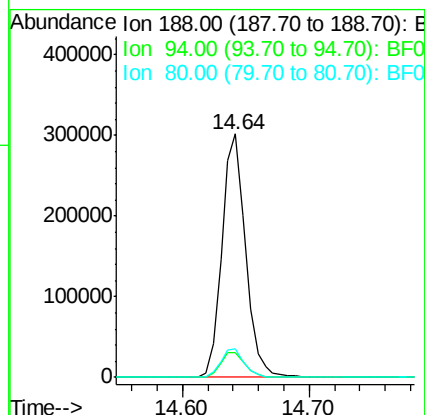
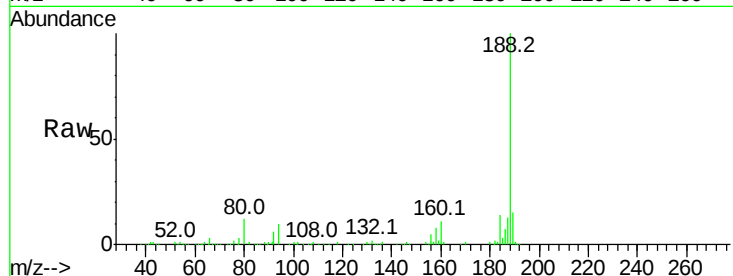




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.64 min Scan# 2228
Delta R.T. -0.00 min
Lab File: BF095678.D
Acq: 5 Jun 2017 17:51

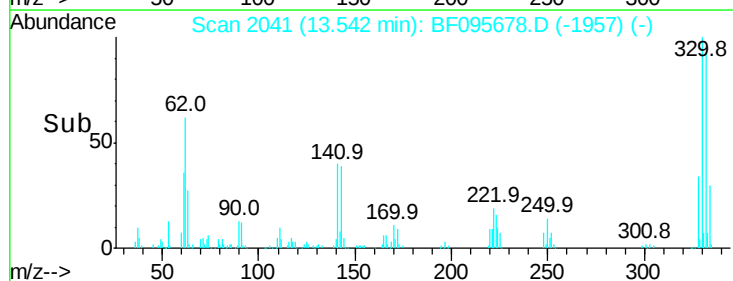
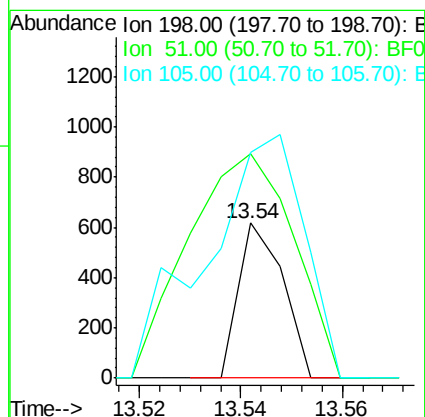
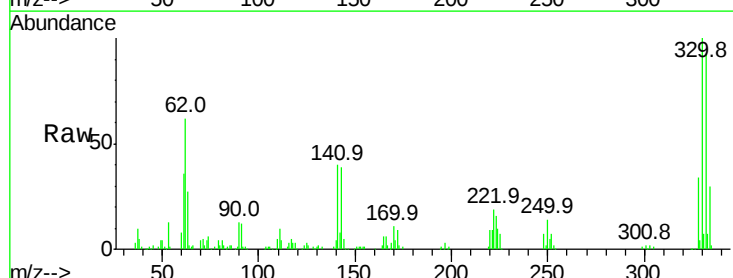
Instrument :
BNA_F
ClientSampleId :

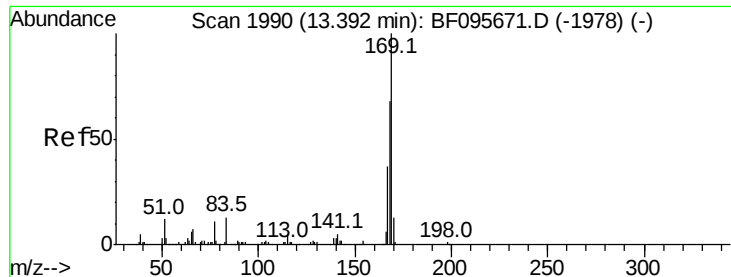
Tot Ion:188 Resp: 390733
Ion Ratio Lower Upper
188 100
94 10.4 9.4 14.2
80 11.6 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 0.15 ng
RT: 13.54 min Scan# 2041
Delta R.T. 0.20 min
Lab File: BF095678.D
Acq: 5 Jun 2017 17:51

Tgt Ion:198 Resp: 375
Ion Ratio Lower Upper
198 100
51 144.6 53.2 93.2#
105 146.1 45.8 85.8#





#65

n-Nitrosodiphenylamine

Concen: 0.64 ng

RT: 13.55 min Scan# 2042

Delta R.T. 0.16 min

Lab File: BF095678.D

Acq: 5 Jun 2017 17:51

Instrument :

BNA_F

ClientSampleId :

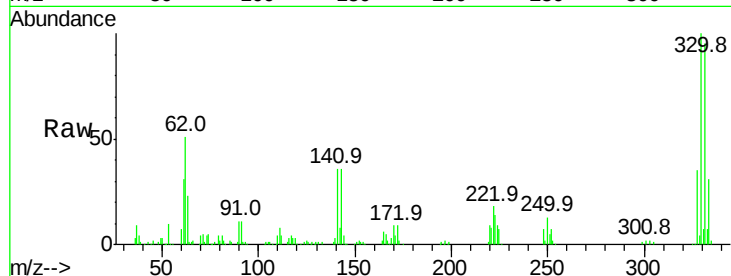
Tot Ion:169 Resp: 8936

Ion Ratio Lower Upper

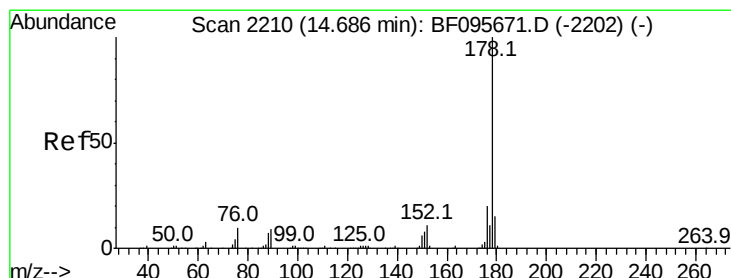
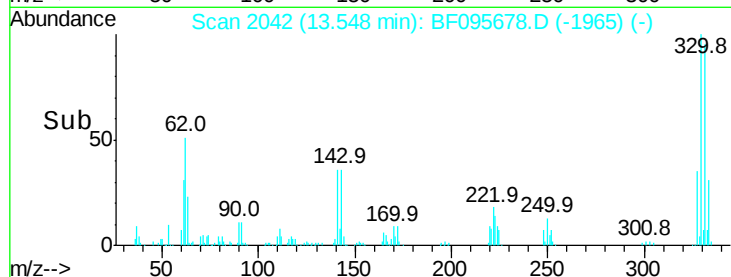
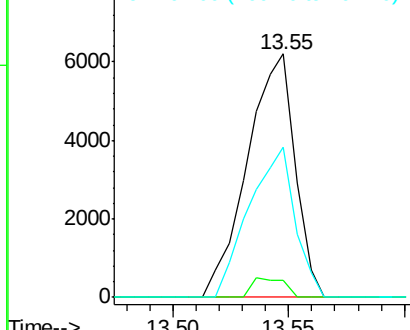
169 100

168 6.9 53.2 79.8#

167 61.5 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: 0.40 ng

RT: 14.68 min Scan# 2234

Delta R.T. -0.01 min

Lab File: BF095678.D

Acq: 5 Jun 2017 17:51

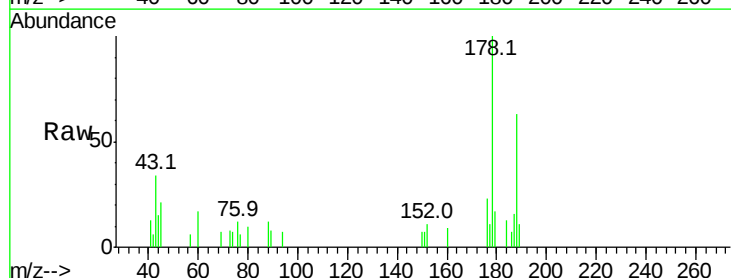
Tgt Ion:178 Resp: 8992

Ion Ratio Lower Upper

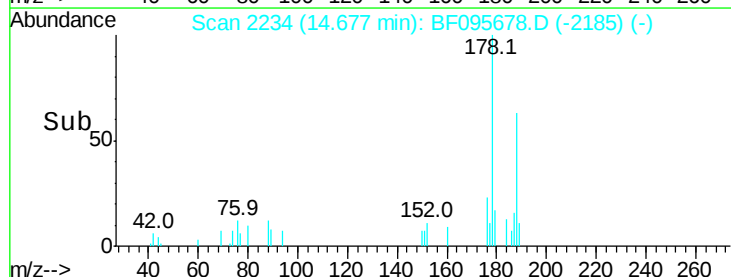
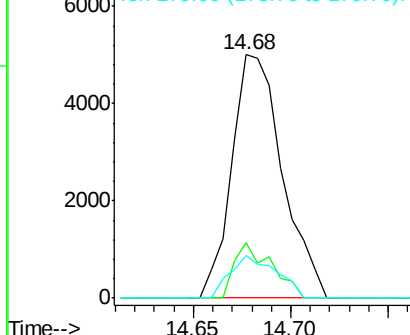
178 100

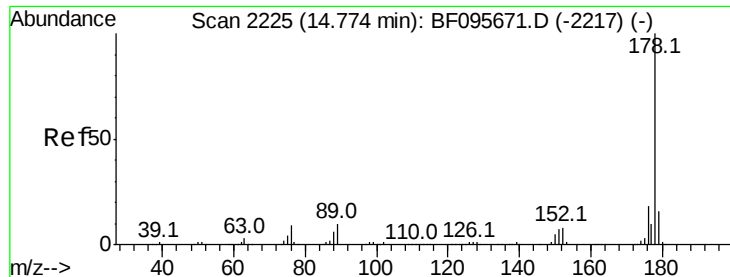
176 22.7 16.2 24.4

179 17.5 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

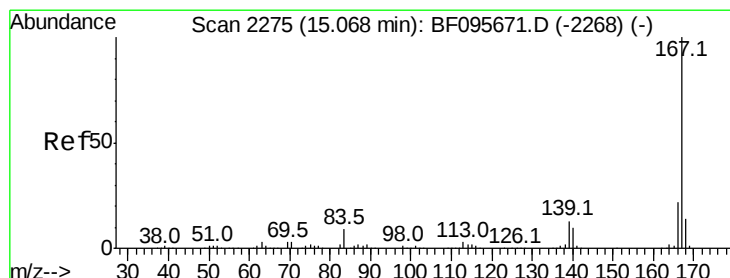
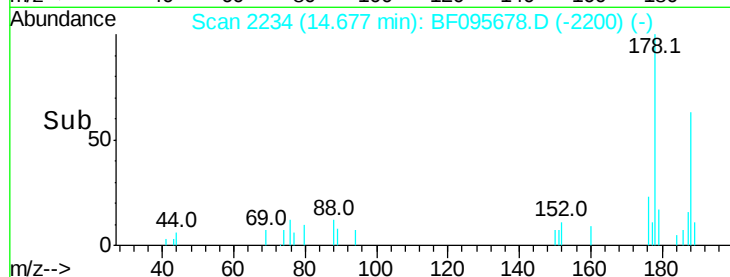
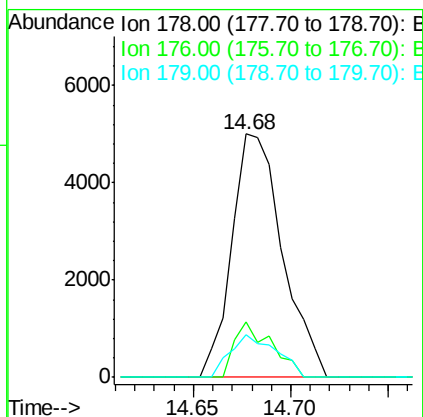
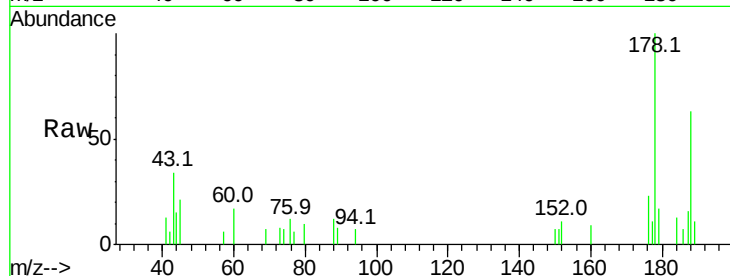




#71
 Anthracene
 Concen: 0.38 ng
 RT: 14.68 min Scan# 2234
 Delta R.T. -0.10 min
 Lab File: BF095678.D
 Acq: 5 Jun 2017 17:51

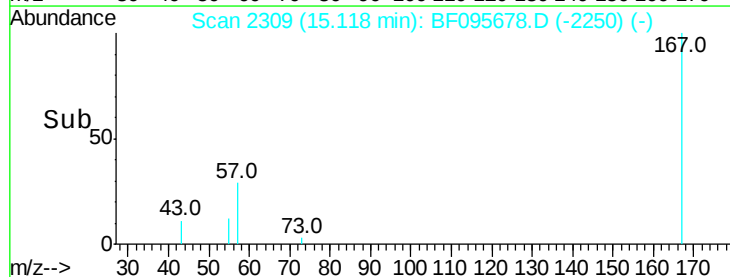
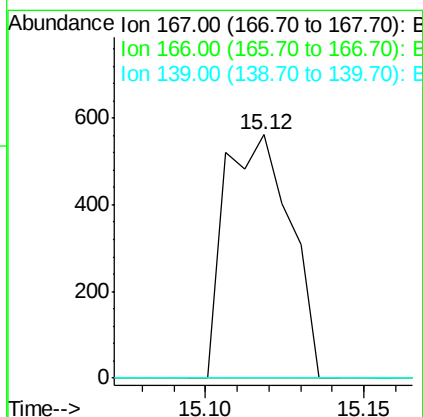
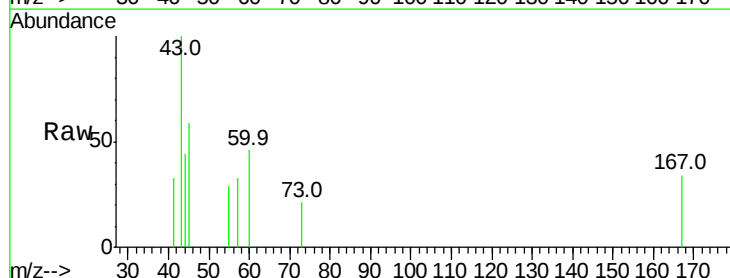
Instrument :
 BNA_F
 ClientSampleId :

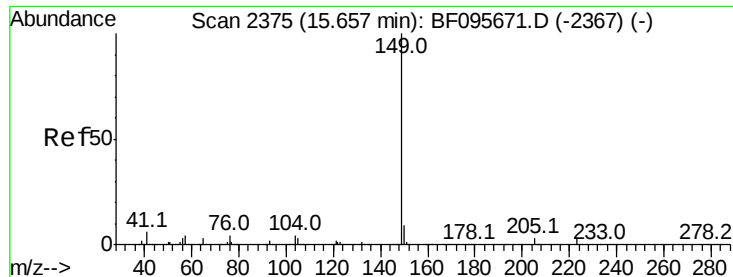
Tot Ion:178 Resp: 8992
 Ion Ratio Lower Upper
 178 100
 176 22.7 15.8 23.8
 179 17.5 12.7 19.1



#72
 Carbazole
 Concen: 0.04 ng
 RT: 15.12 min Scan# 2309
 Delta R.T. 0.05 min
 Lab File: BF095678.D
 Acq: 5 Jun 2017 17:51

Tgt Ion:167 Resp: 804
 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: 0.42 ng

RT: 15.65 min Scan# 2400

Delta R.T. -0.00 min

Lab File: BF095678.D

Acq: 5 Jun 2017 17:51

Instrument :

BNA_F

ClientSampleId :

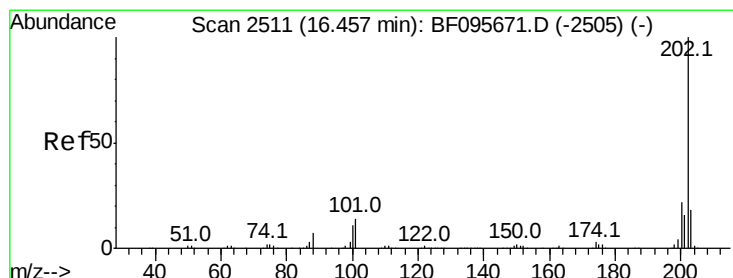
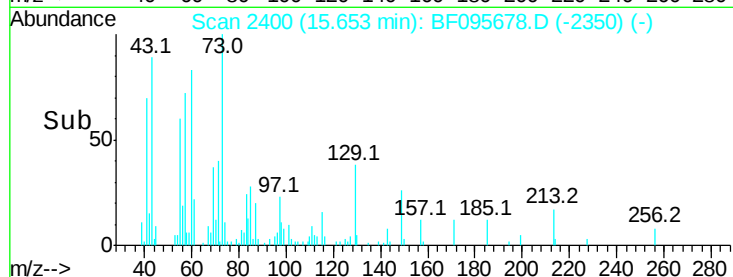
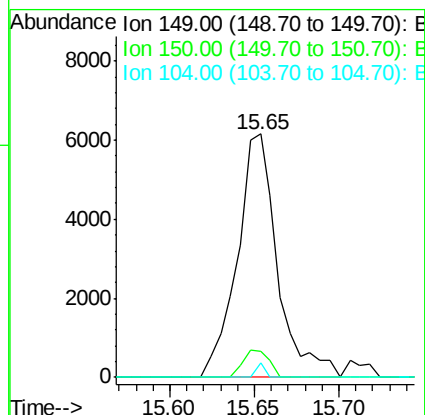
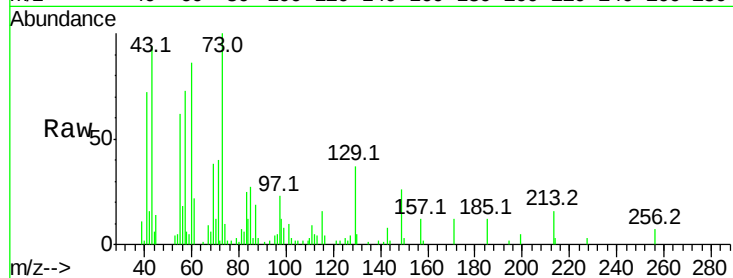
Tot Ion:149 Resp: 10220

Ion Ratio Lower Upper

149 100

150 10.8 7.7 11.5

104 6.1 4.0 6.0#



#74

Fluoranthene

Concen: 0.05 ng

RT: 16.48 min Scan# 2541

Delta R.T. 0.03 min

Lab File: BF095678.D

Acq: 5 Jun 2017 17:51

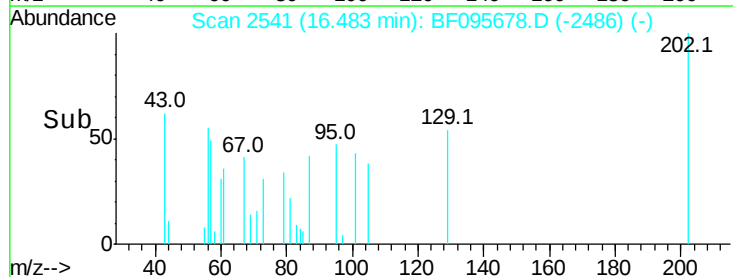
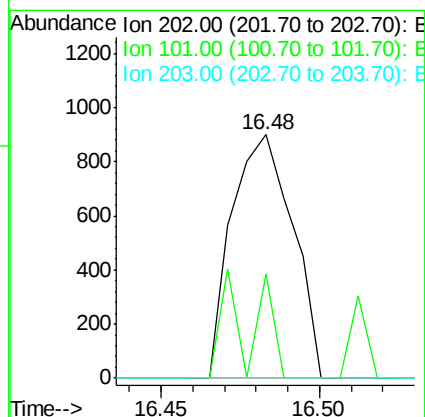
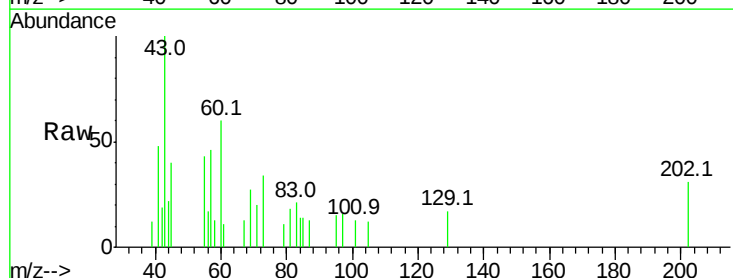
Tgt Ion:202 Resp: 1195

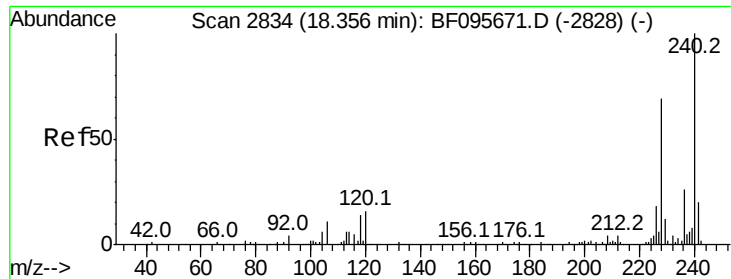
Ion Ratio Lower Upper

202 100

101 42.8 0.0 33.2#

203 0.0 0.0 38.1

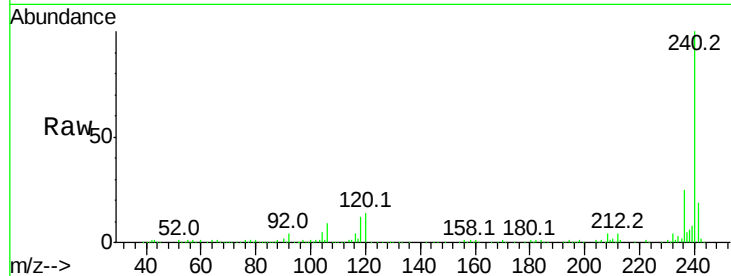




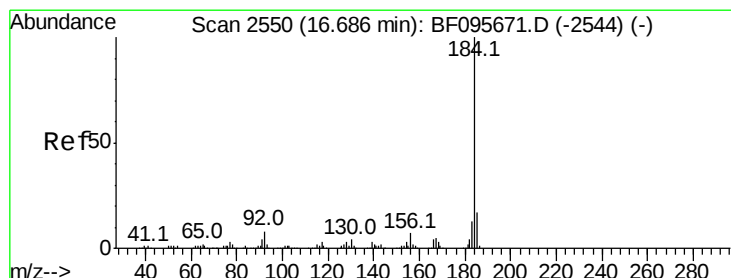
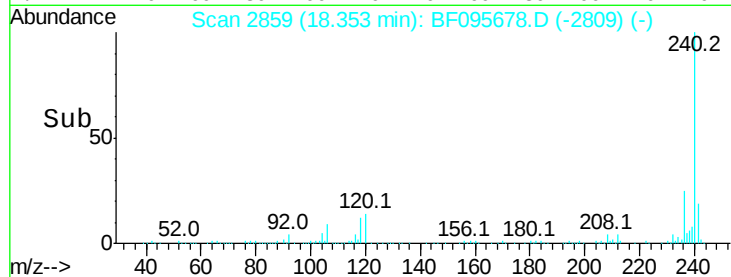
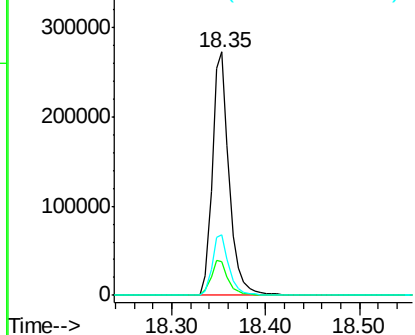
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.35 min Scan# 2859
Delta R.T. -0.00 min
Lab File: BF095678.D
Acq: 5 Jun 2017 17:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:240 Resp: 342467
Ion Ratio Lower Upper
240 100
120 13.8 5.8 8.8#
236 25.1 20.5 30.7

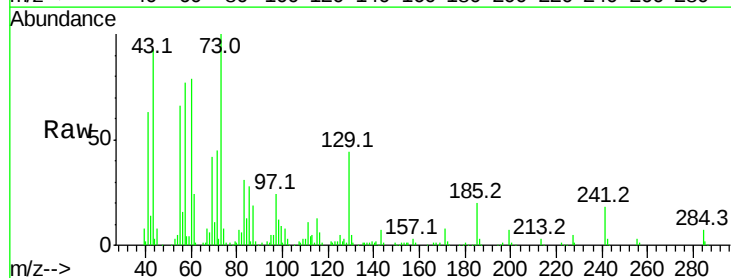


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

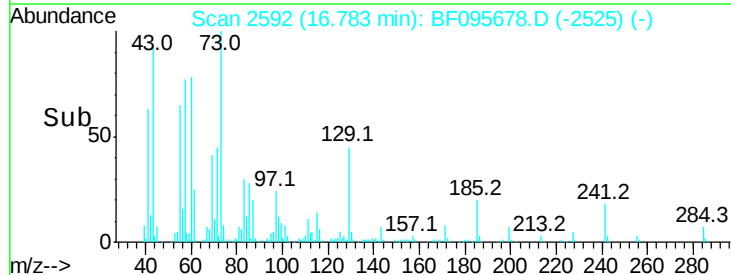
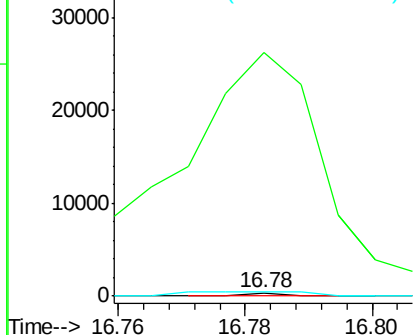


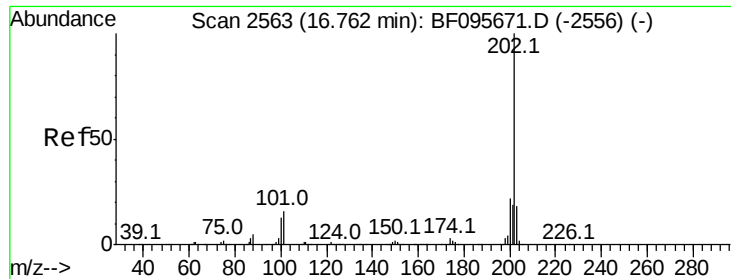
#76
Benzidine
Concen: 0.01 ng
RT: 16.78 min Scan# 2592
Delta R.T. 0.10 min
Lab File: BF095678.D
Acq: 5 Jun 2017 17:51

Tgt Ion:184 Resp: 119
Ion Ratio Lower Upper
184 100
185 7797.6 15.5 23.3#
183 135.1 9.8 14.6#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

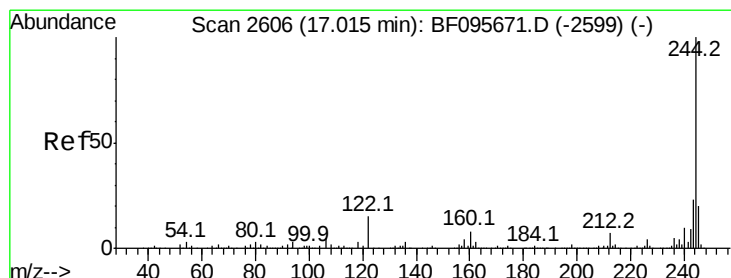
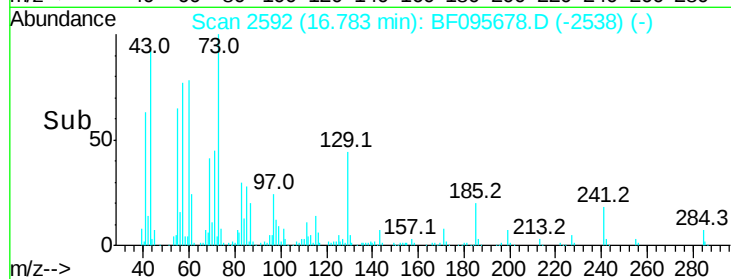
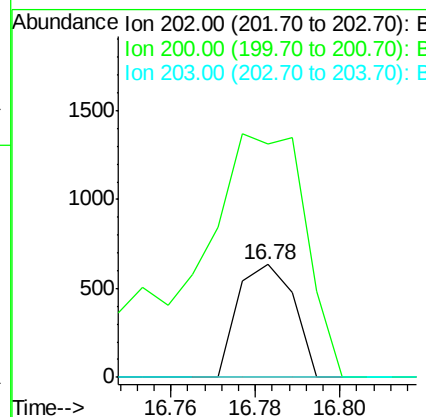
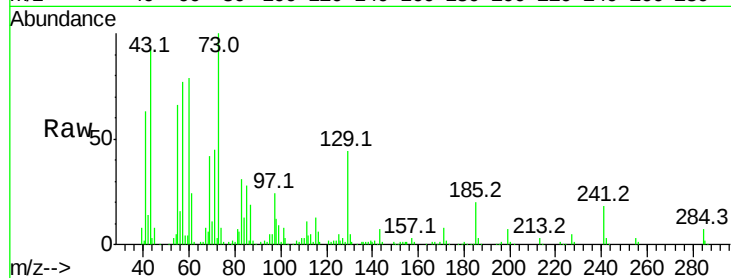




#77
Pvrene
Concen: 0.02 ng
RT: 16.78 min Scan# 2592
Delta R.T. 0.02 min
Lab File: BF095678.D
Acq: 5 Jun 2017 17:51

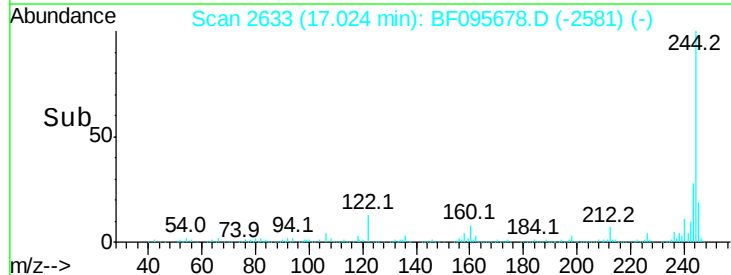
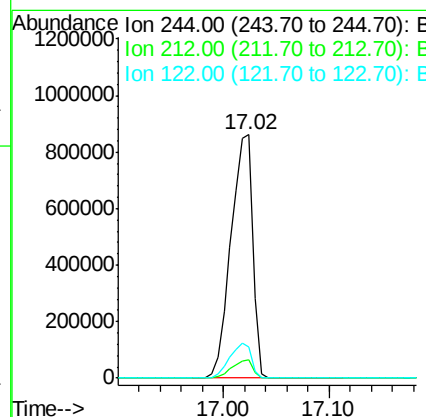
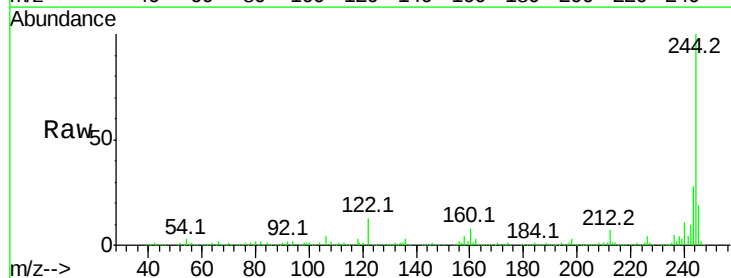
Instrument :
BNA_F
ClientSampled :

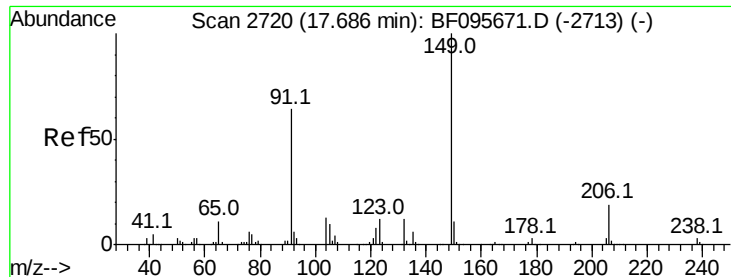
Tot Ion:202 Resp: 583
Ion Ratio Lower Upper
202 100
200 207.2 17.6 26.4#
203 0.0 14.4 21.6#



#78
Terphenyl-d14
Concen: 89.07 ng
RT: 17.02 min Scan# 2633
Delta R.T. 0.01 min
Lab File: BF095678.D
Acq: 5 Jun 2017 17:51

Tgt Ion:244 Resp: 1229148
Ion Ratio Lower Upper
244 100
212 7.4 6.0 9.0
122 12.9 10.3 15.5

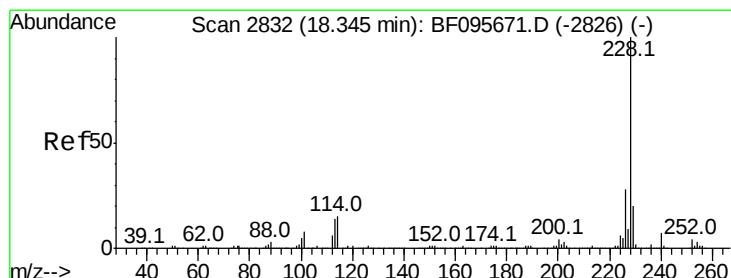
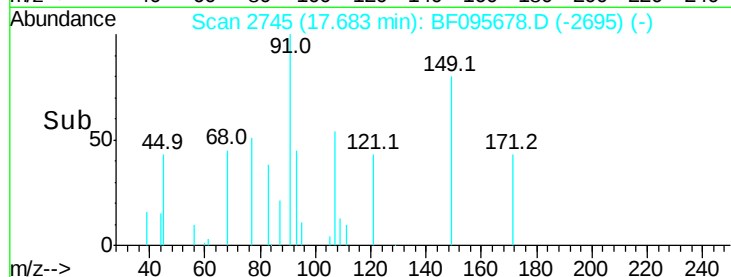
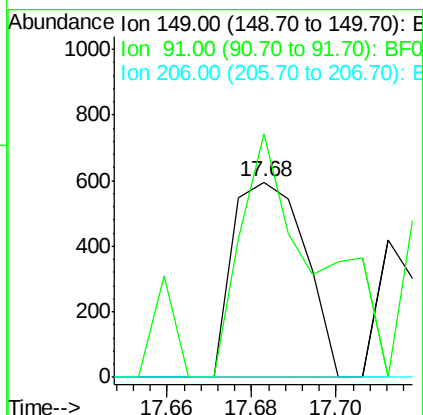
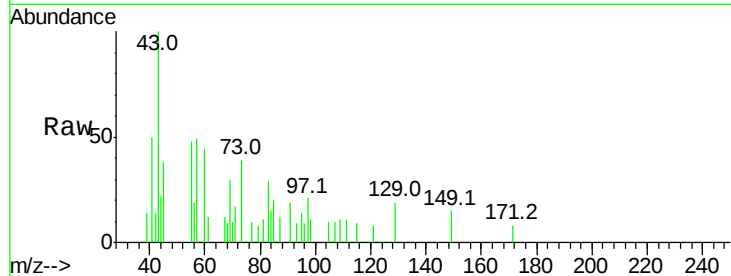




#79
Butylbenzylphthalate
Concen: 0.06 ng
RT: 17.68 min Scan# 2745
Delta R.T. -0.00 min
Lab File: BF095678.D
Acq: 5 Jun 2017 17:51

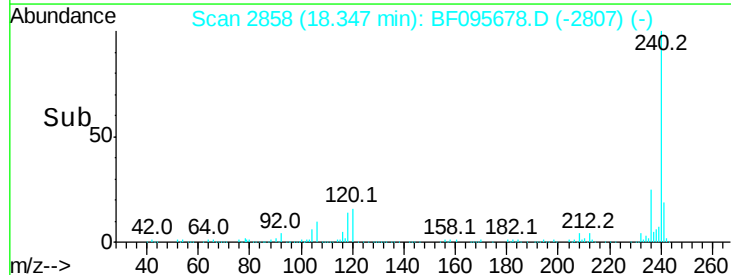
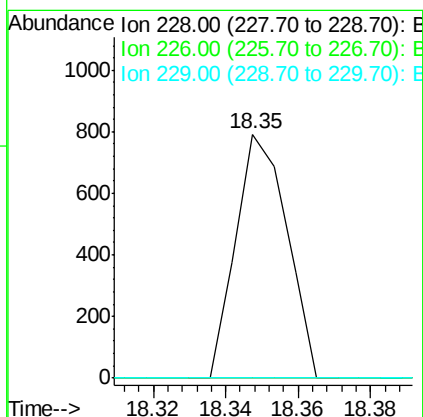
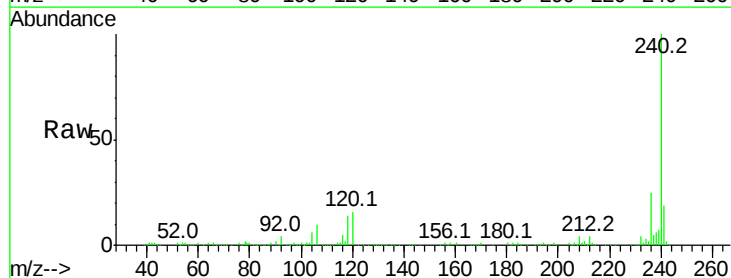
Instrument :
BNA_F
ClientSampled :

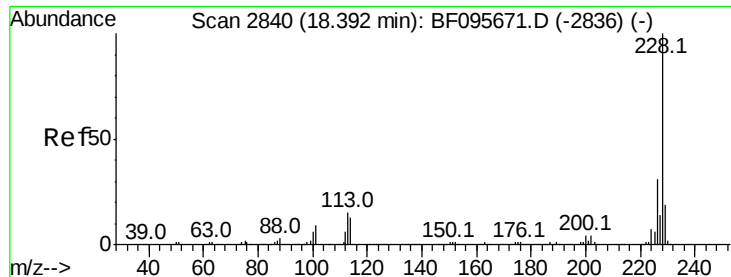
Tot Ion:149 Resp: 710
Ion Ratio Lower Upper
149 100
91 124.7 45.0 67.4#
206 0.0 17.0 25.6#



#80
Benzo(a)anthracene
Concen: 0.04 ng
RT: 18.35 min Scan# 2858
Delta R.T. 0.00 min
Lab File: BF095678.D
Acq: 5 Jun 2017 17:51

Tgt Ion:228 Resp: 774
Ion Ratio Lower Upper
228 100
226 0.0 22.6 33.8#
229 0.0 16.3 24.5#





#82

Chrysene

Concen: 0.04 ng

RT: 18.35 min Scan# 2858

Delta R.T. -0.04 min

Lab File: BF095678.D

Acq: 5 Jun 2017 17:51

Instrument :

BNA_F

ClientSampleId :

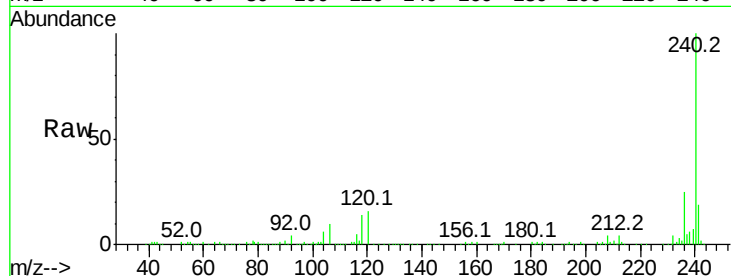
Tot Ion:228 Resp: 774

Ion Ratio Lower Upper

228 100

226 0.0 24.9 37.3#

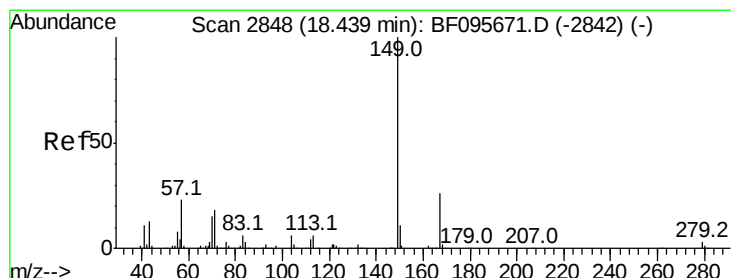
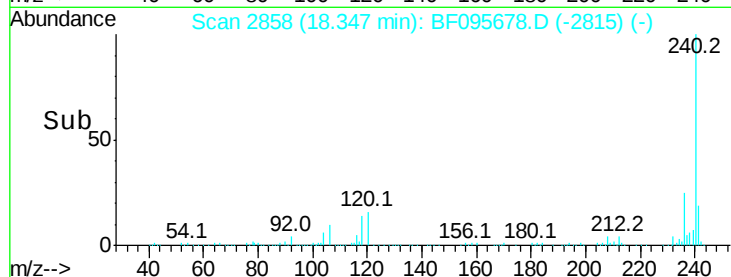
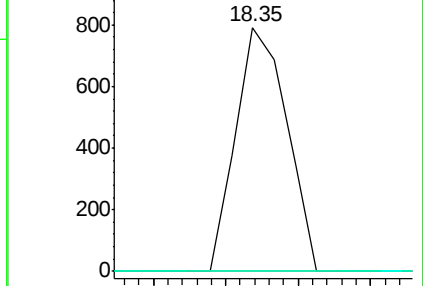
229 0.0 15.8 23.6#



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: 0.26 ng

RT: 18.43 min Scan# 2872

Delta R.T. -0.01 min

Lab File: BF095678.D

Acq: 5 Jun 2017 17:51

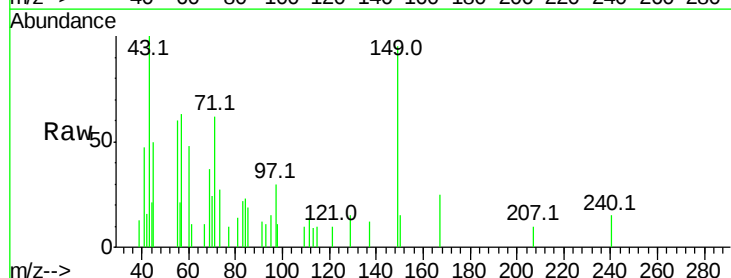
Tgt Ion:149 Resp: 4034

Ion Ratio Lower Upper

149 100

167 26.5 21.0 31.4

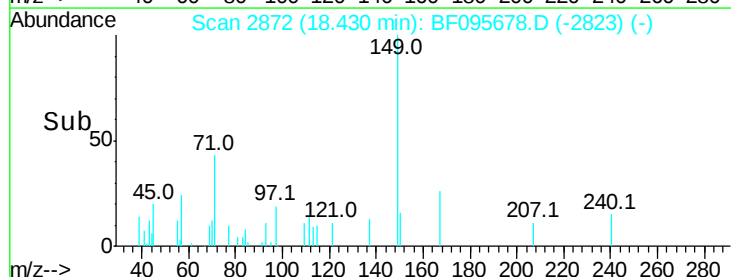
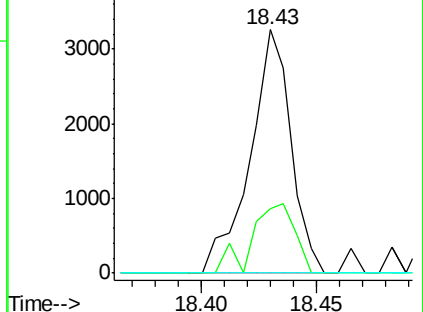
279 0.0 1.9 2.9#

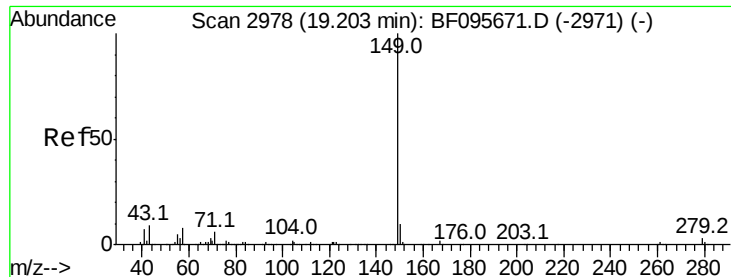


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

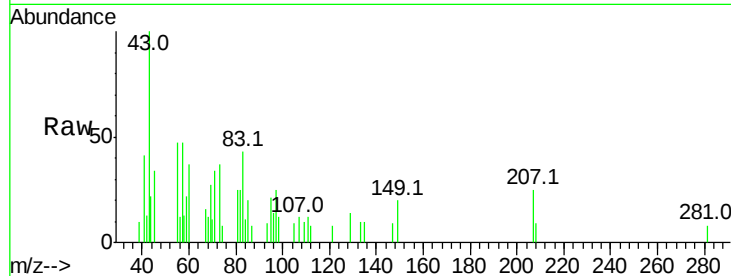




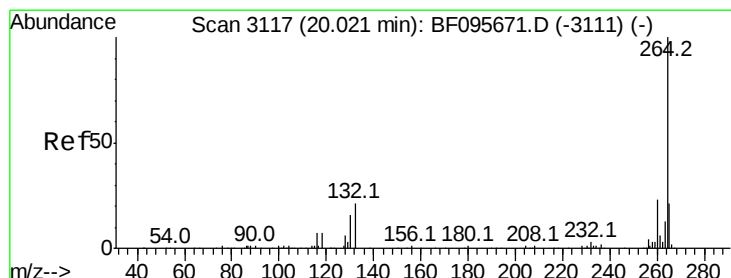
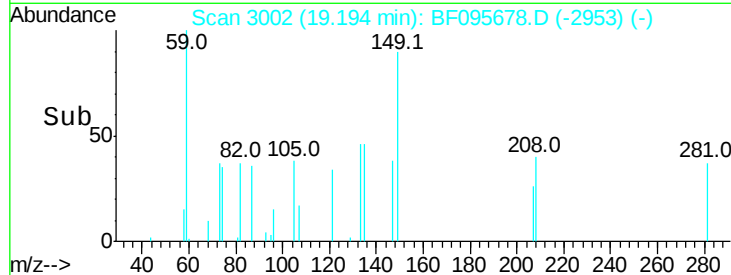
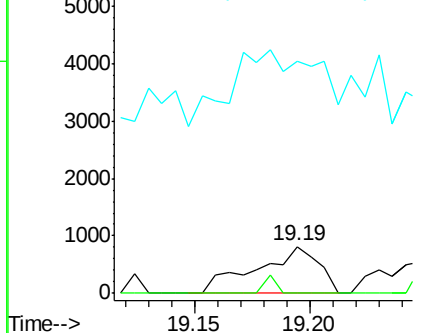
#84
Di-n-octyl phthalate
Concen: 0.06 ng
RT: 19.19 min Scan# 3002
Delta R.T. -0.01 min
Lab File: BF095678.D
Acq: 5 Jun 2017 17:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 1533
Ion Ratio Lower Upper
149 100
167 7.4 1.2 1.8#
43 223.5 8.5 12.7#

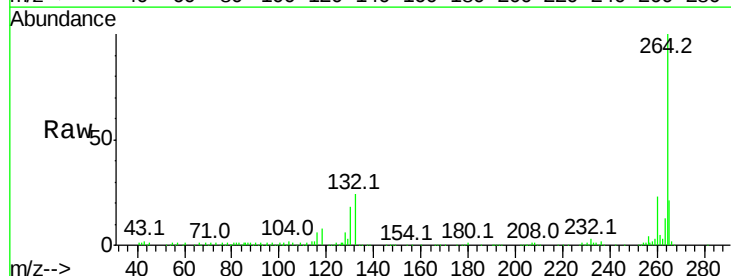


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

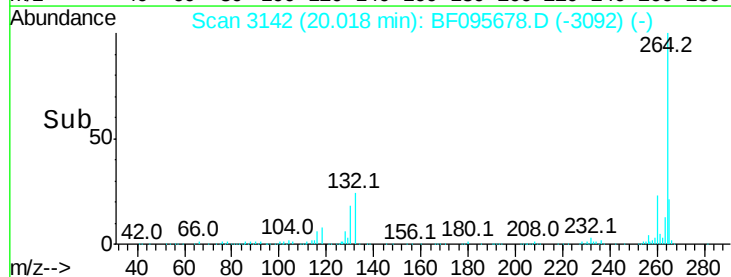
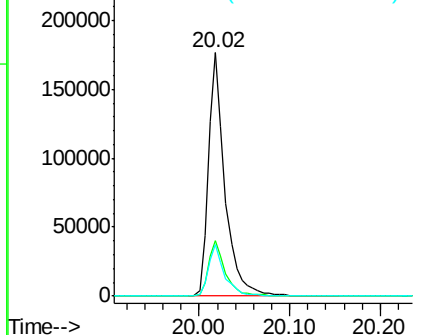


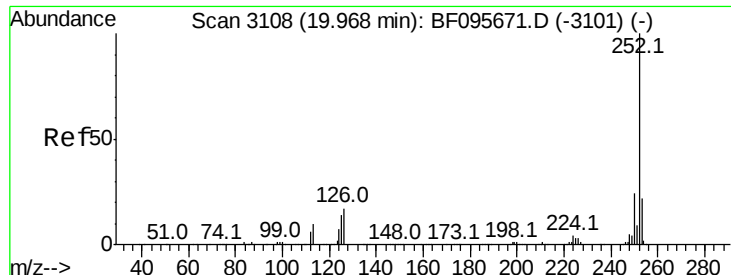
#86
Perylene-d12
Concen: 20.00 ng
RT: 20.02 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BF095678.D
Acq: 5 Jun 2017 17:51

Tgt Ion:264 Resp: 225665
Ion Ratio Lower Upper
264 100
260 23.0 19.5 29.3
265 21.3 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#89

Benzo(a)pyrene

Concen: 0.07 ng

RT: 20.02 min Scan# 3142

Delta R.T. 0.05 min

Lab File: BF095678.D

Acq: 5 Jun 2017 17:51

Instrument :

BNA_F

ClientSampleId :

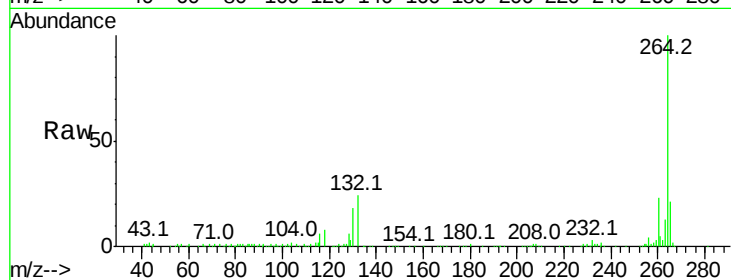
Tot Ion:252 Resp: 888

Ion Ratio Lower Upper

252 100

253 50.2 17.5 26.3#

125 55.1 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

