

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100317\
 Data File : BF099034.D
 Acq On : 3 Oct 2017 16:26
 Operator : SJ/JU
 Sample : I5432-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 03 17:02:12 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	123960	20.00	ng	-0.05
21) Naphthalene-d8	8.15	136	515457	20.00	ng	-0.05
38) Acenaphthene-d10	9.91	164	236273	20.00	ng	-0.05
63) Phenanthrene-d10	11.39	188	404328	20.00	ng	-0.05
75) Chrysene-d12	14.03	240	246034	20.00	ng	-0.05
86) Perylene-d12	15.50	264	193817	20.00	ng	-0.07

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	826876	106.19	ng	-0.05
7) Phenol-d6	6.50	99	996985	103.79	ng	-0.05
23) Nitrobenzene-d5	7.43	82	603702	75.11	ng	-0.05
41) 2,4,6-Tribromophenol	10.70	330	203417	105.21	ng	-0.05
44) 2-Fluorobiphenyl	9.23	172	1085565	76.70	ng	-0.05
78) Terphenyl-d14	12.98	244	846327	78.23	ng	-0.05

Target Compounds

						Qvalue
4) n-Nitrosodimethylamine	3.54	42	116	0.027	ng	# 1
6) Aniline	6.51	93	656	0.051	ng	# 1
8) 2-Chlorophenol	6.66	128	113	0.013	ng	# 7
9) Benzaldehyde	6.50	77	1487	0.267	ng	# 1
10) Phenol	6.51	94	26301	2.448	ng	97
11) bis(2-Chloroethyl)ether	6.65	93	1038	0.124	ng	# 1
15) Benzyl Alcohol	7.03	79	10878	1.544	ng	# 35
16) 2,2'-oxybis(1-Chloropropan	7.21	45	118	0.009	ng	70
17) 2-Methylphenol	7.01	107	642	0.089	ng	# 1
19) n-Nitroso-di-n-propylamine	7.43	70	79457	12.956	ng	# 75
20) 3+4-Methylphenols	7.01	107	642	0.070	ng	# 1
24) Nitrobenzene	7.43	77	1656	0.182	ng	# 36
25) Isophorone	7.43	82	602212	36.239	ng	# 64
45) 1,1'-Biphenyl	9.33	154	2043	0.101	ng	77
46) 2-Chloronaphthalene	9.62	162	2109	0.138	ng	# 1
47) 2-Nitroaniline	9.62	65	1745	0.374	ng	# 1
49) Dimethylphthalate	9.62	163	216706	12.152	ng	99
50) 2,6-Dinitrotoluene	9.62	165	2192	0.565	ng	# 12
51) Acenaphthene	9.91	154	833	0.056	ng	# 4
56) 2,4-Dinitrotoluene	9.91	165	29026	5.761	ng	# 23
57) Fluorene	10.70	166	11678	0.738	ng	# 92
59) Diethylphthalate	10.32	149	2379	0.137	ng	# 84
62) Azobenzene	10.62	77	228	0.014	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.70	198	463	0.188	ng	# 1
65) n-Nitrosodiphenylamine	10.70	169	7336	0.524	ng	# 43
66) 4-Bromophenyl-phenylether	10.70	248	14223	3.594	ng	# 1
70) Phenanthrene	11.42	178	377	0.017	ng	# 59
71) Anthracene	11.42	178	377	0.017	ng	# 60
72) Carbazole	11.52	167	453	0.021	ng	# 59
73) Di-n-butylphthalate	11.95	149	2644	0.101	ng	# 78
74) Fluoranthene	12.56	202	1027	0.047	ng	62
76) Benzydine	12.98	184	11691	1.285	ng	98
77) Pvrene	12.80	202	1112	0.059	ng	# 80
79) Butylbenzylphthalate	13.43	149	379	0.043	ng	# 82

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 23 13:50:58 2017
Response via : Initial Calibration

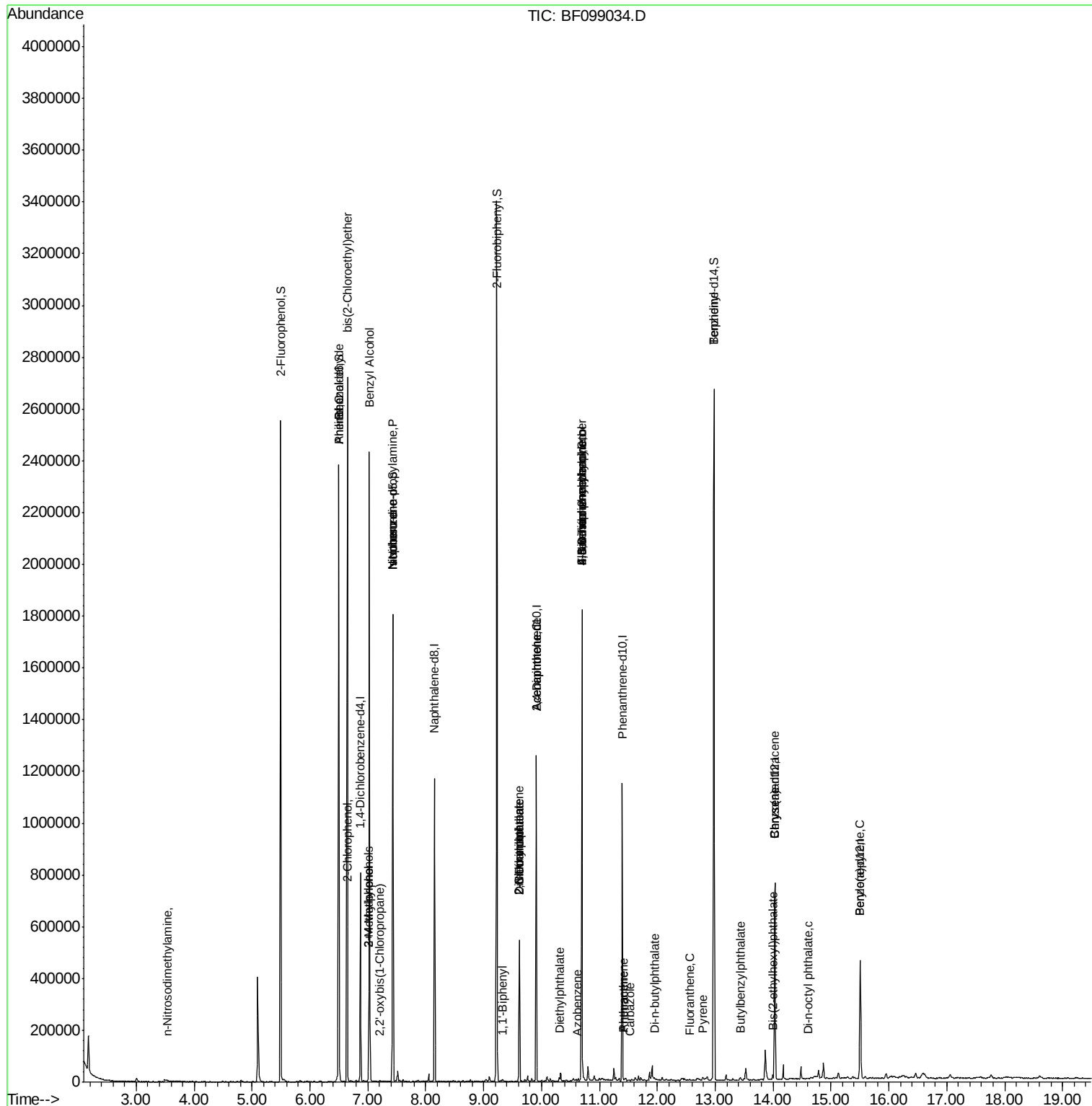
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Benzo(a)anthracene	14.03	228	861	0.058	ng	# 56
82) Chrysene	14.03	228	861	0.061	ng	# 55
83) Bis(2-ethylhexyl)phthalate	13.99	149	6780	0.558	ng	# 95
84) Di-n-octyl phthalate	14.60	149	659	0.034	ng	# 8
89) Benzo(a)pyrene	15.50	252	708	0.065	ng	# 60

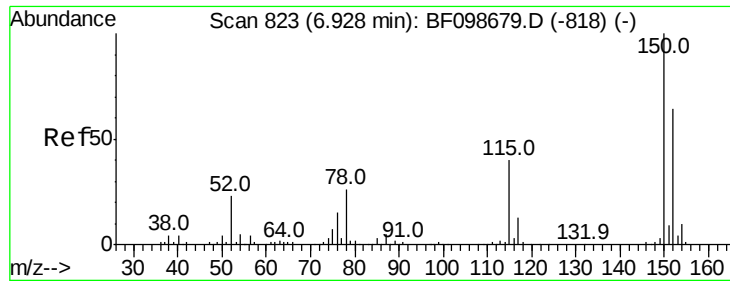
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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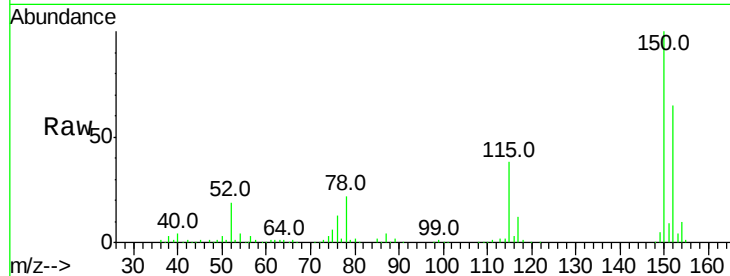


#1

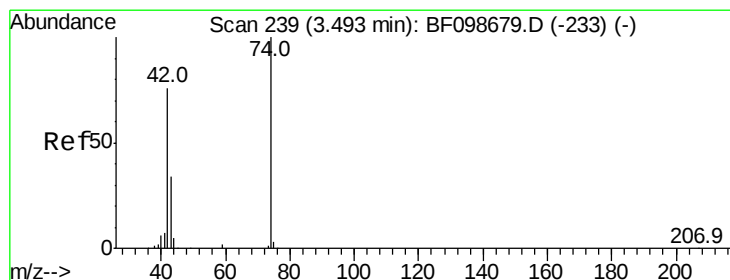
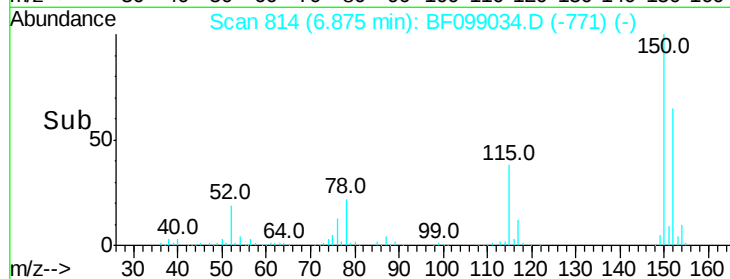
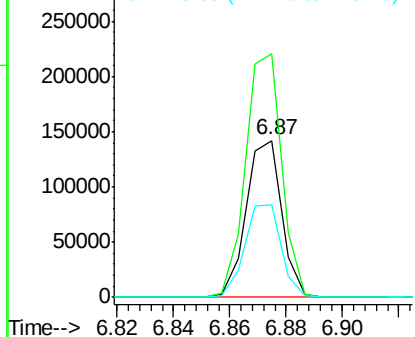
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.05 min
Lab File: BF099034.D
Acq: 3 Oct 2017 16:26

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 123960
Ion Ratio Lower Upper
152 100
150 155.0 124.6 186.8
115 59.2 50.1 75.1



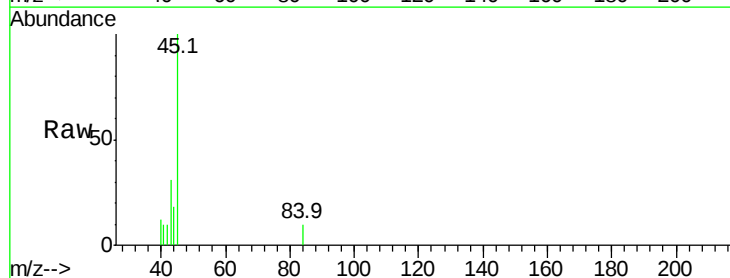
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



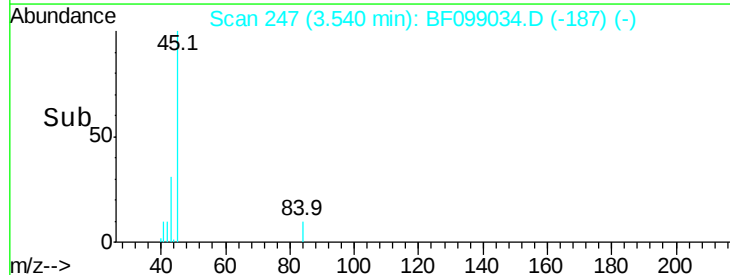
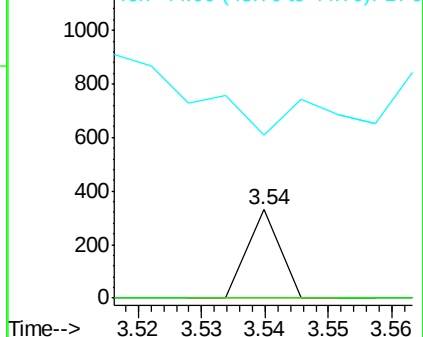
#4

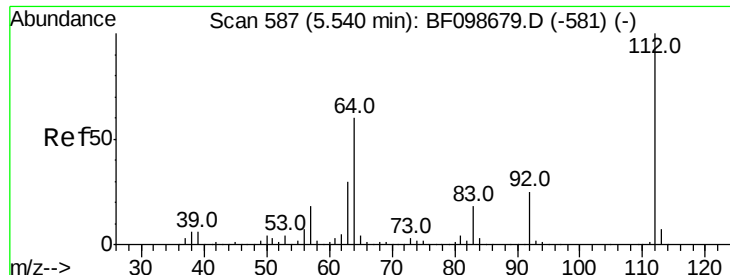
n-Nitrosodimethylamine
Concen: 0.027 ng
RT: 3.54 min Scan# 247
Delta R.T. 0.05 min
Lab File: BF099034.D
Acq: 3 Oct 2017 16:26

Tgt Ion: 42 Resp: 116
Ion Ratio Lower Upper
42 100
74 0.0 104.9 157.3#
44 183.9 6.9 10.3#



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: 106.188 ng

RT: 5.49 min Scan# 579

Delta R.T. -0.05 min

Lab File: BF099034.D

Acq: 3 Oct 2017 16:26

Instrument :

BNA_F

ClientSampleId :

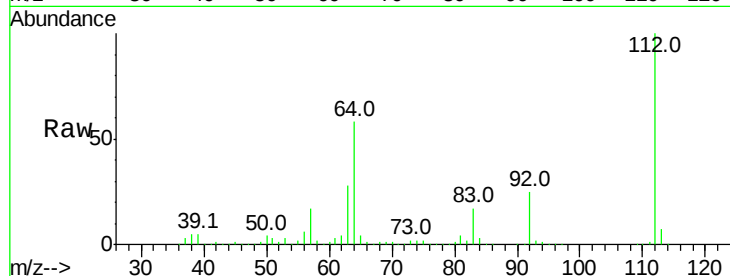
Tot Ion:112 Resp: 826876

Ion Ratio Lower Upper

112 100

64 57.6 47.9 71.9

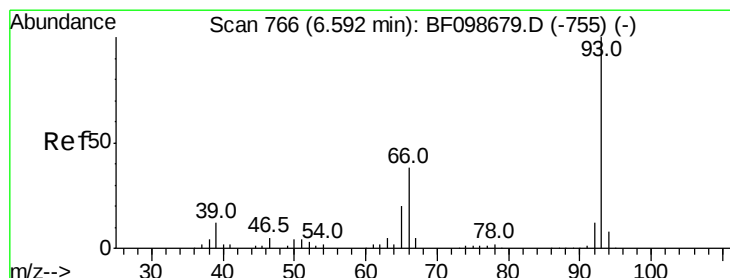
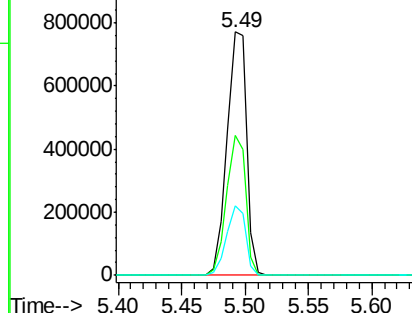
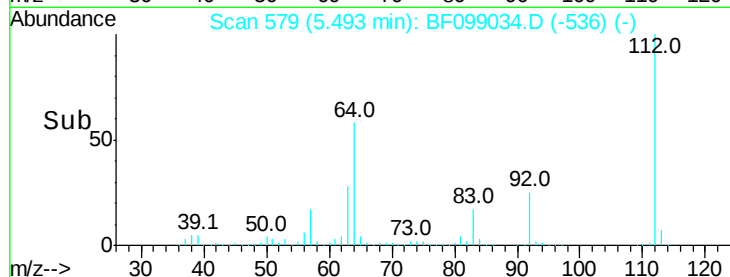
63 28.4 23.7 35.5



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: 0.051 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.08 min

Lab File: BF099034.D

Acq: 3 Oct 2017 16:26

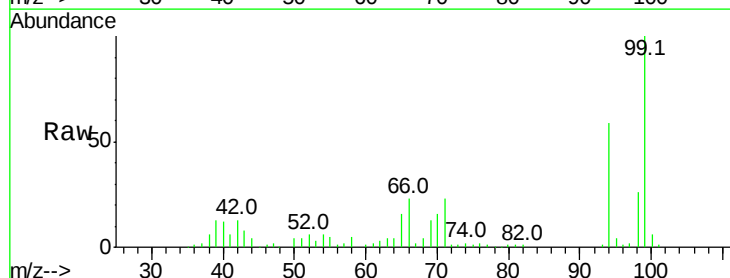
Tgt Ion: 93 Resp: 656

Ion Ratio Lower Upper

93 100

66 1592.3 32.2 48.2#

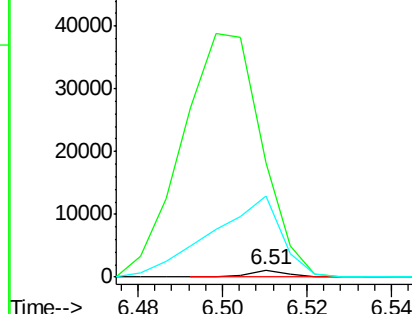
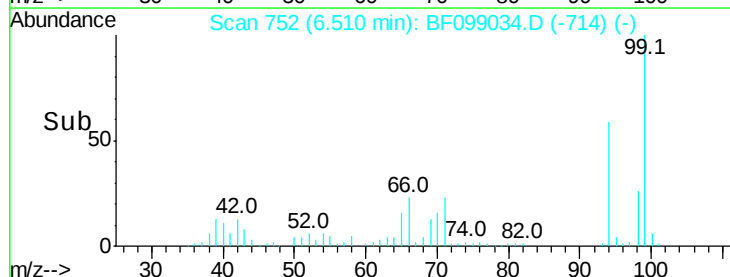
65 1125.8 16.4 24.6#

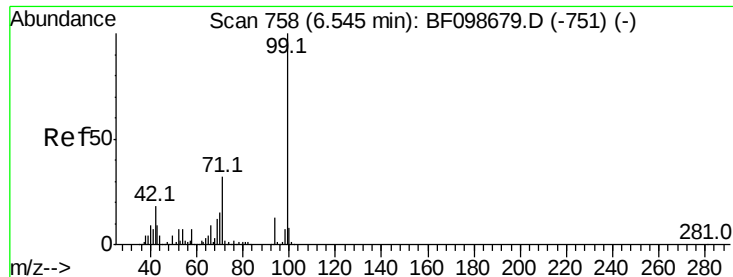


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 103.787 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.05 min

Lab File: BF099034.D

Acq: 3 Oct 2017 16:26

Instrument :

BNA_F

ClientSampleId :

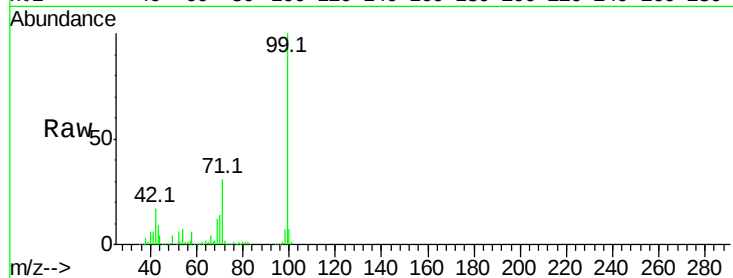
Tot Ion: 99 Resp: 996985

Ion Ratio Lower Upper

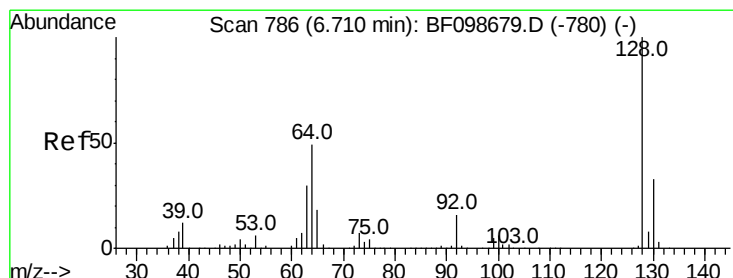
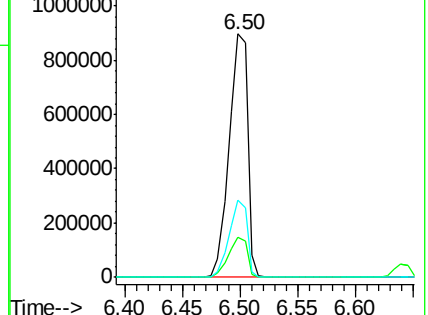
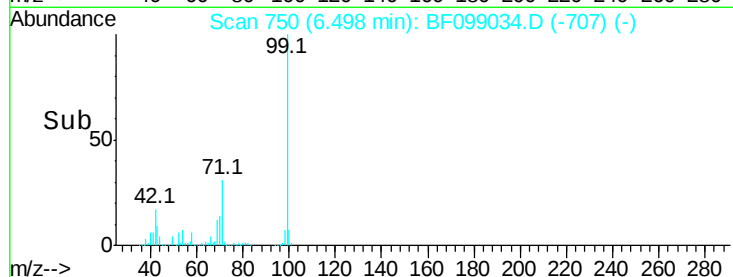
99 100

42 16.5 14.5 21.7

71 31.5 25.4 38.0



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



#8

2-Chlorophenol

Concen: 0.013 ng

RT: 6.66 min Scan# 777

Delta R.T. -0.05 min

Lab File: BF099034.D

Acq: 3 Oct 2017 16:26

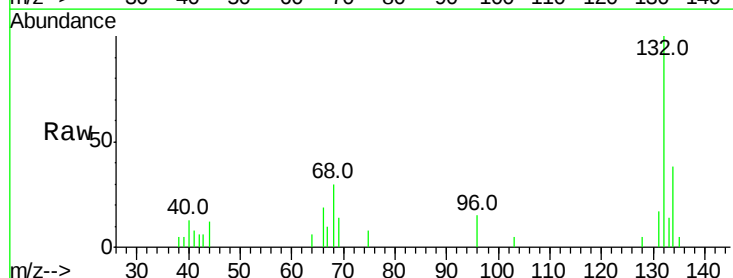
Tgt Ion: 128 Resp: 113

Ion Ratio Lower Upper

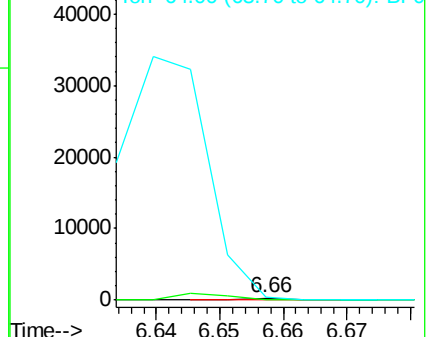
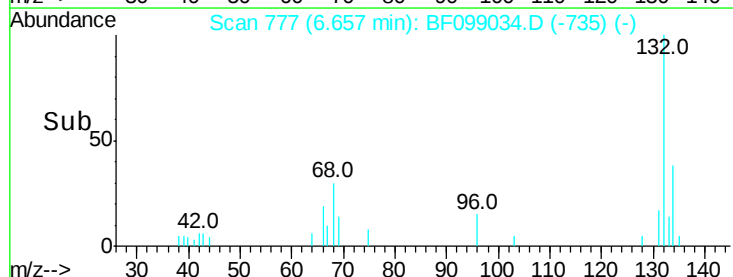
128 100

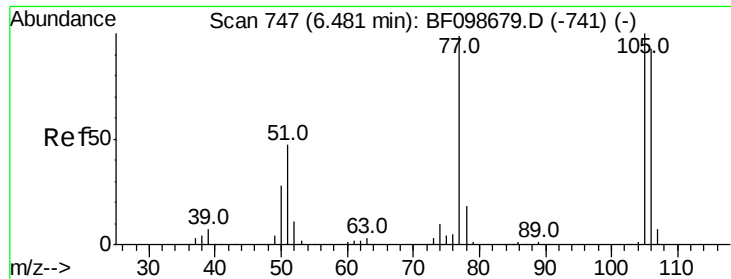
130 0.0 13.0 53.0#

64 128.4 29.4 69.4#



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0

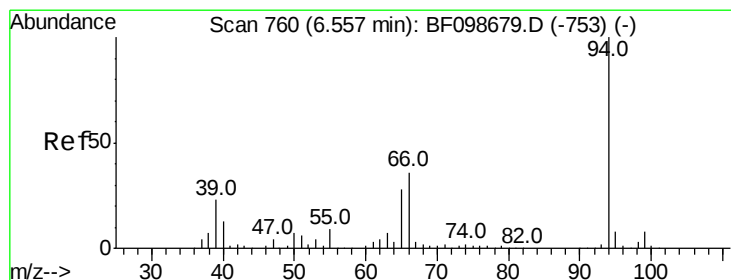
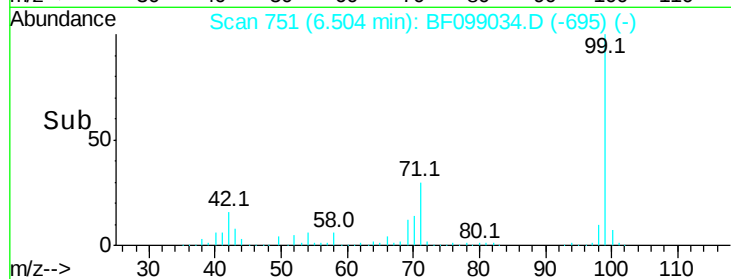
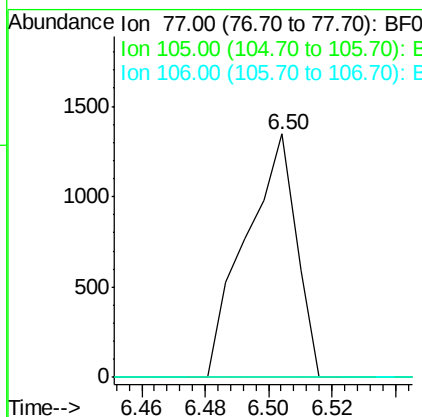
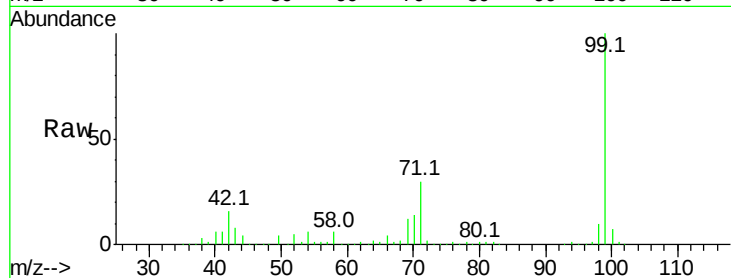




#9
Benzaldehyde
Concen: 0.267 ng
RT: 6.50 min Scan# 751
Delta R.T. 0.03 min
Lab File: BF099034.D
Acq: 3 Oct 2017 16:26

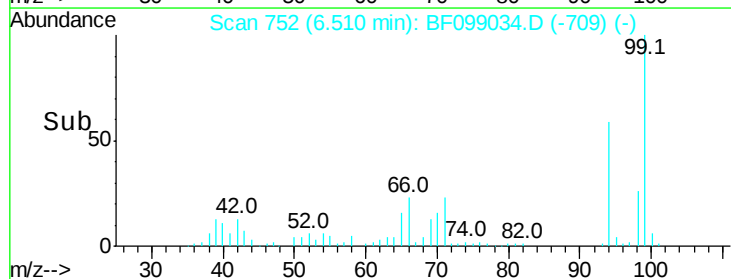
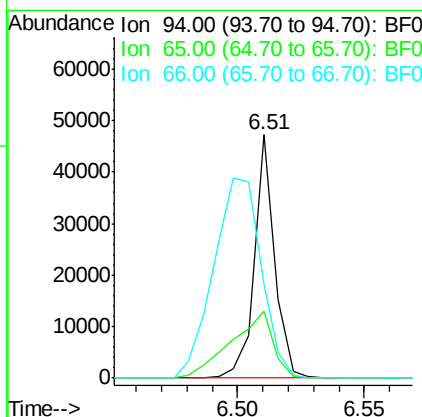
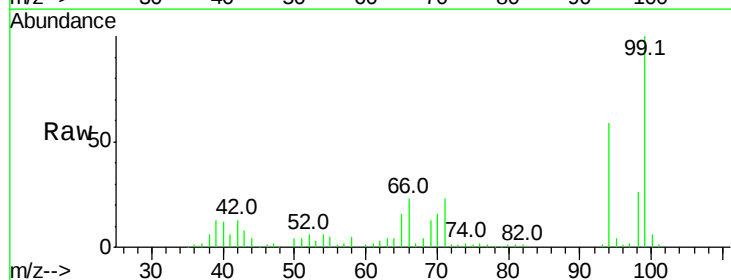
Instrument :
BNA_F
ClientSampleId :

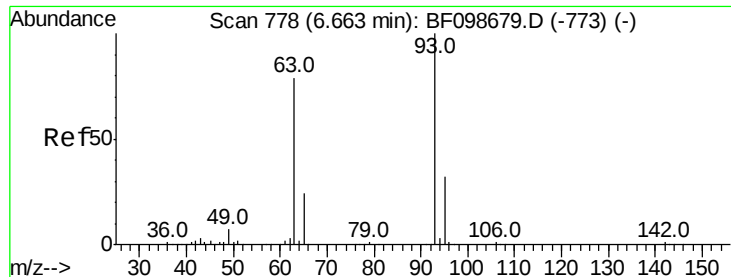
Tot Ion: 77 Resp: 1487
Ion Ratio Lower Upper
77 100
105 0.0 81.1 121.1#
106 0.0 74.5 114.5#



#10
Phenol
Concen: 2.448 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.05 min
Lab File: BF099034.D
Acq: 3 Oct 2017 16:26

Tgt Ion: 94 Resp: 26301
Ion Ratio Lower Upper
94 100
65 27.4 7.9 47.9
66 38.7 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 0.124 ng

RT: 6.65 min Scan# 775

Delta R.T. -0.01 min

Lab File: BF099034.D

Acq: 3 Oct 2017 16:26

Instrument :

BNA_F

ClientSampleId :

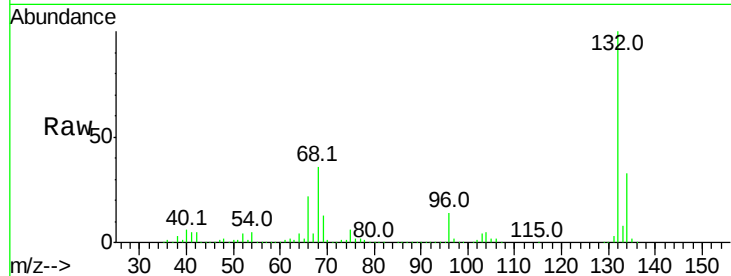
Tot Ion: 93 Resp: 1038

Ion Ratio Lower Upper

93 100

63 757.6 58.6 98.6#

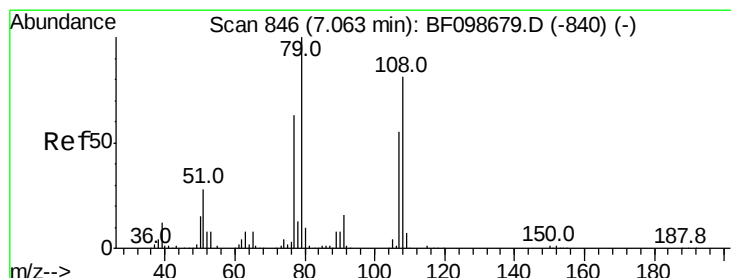
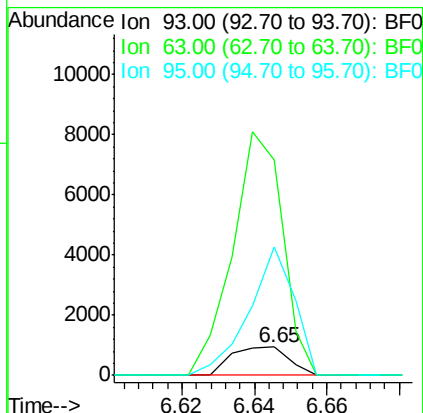
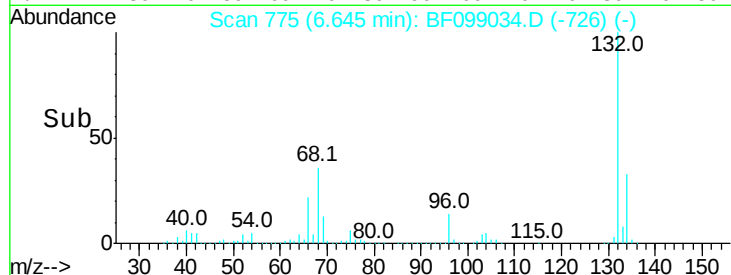
95 450.4 11.8 51.8#



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: 1.544 ng

RT: 7.03 min Scan# 840

Delta R.T. -0.04 min

Lab File: BF099034.D

Acq: 3 Oct 2017 16:26

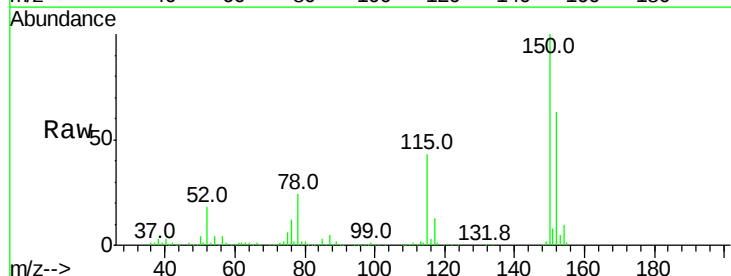
Tgt Ion: 79 Resp: 10878

Ion Ratio Lower Upper

79 100

108 29.9 65.1 97.7#

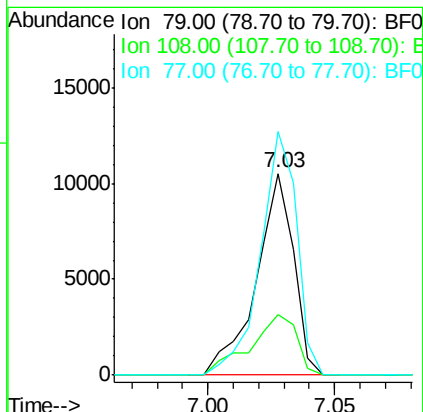
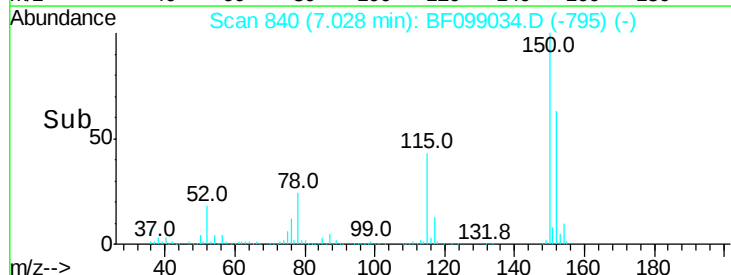
77 120.8 50.6 75.8#

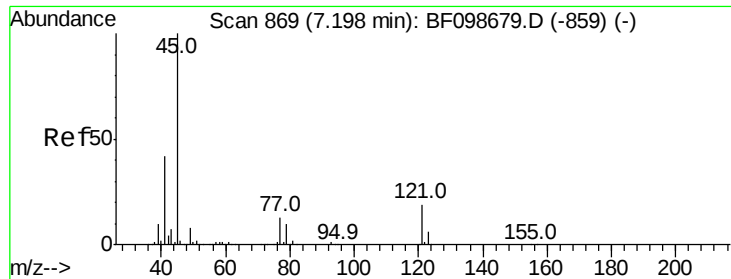


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

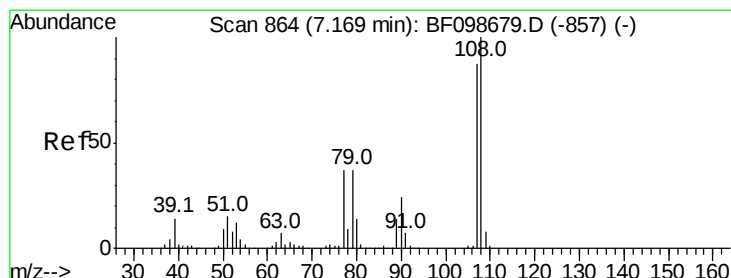
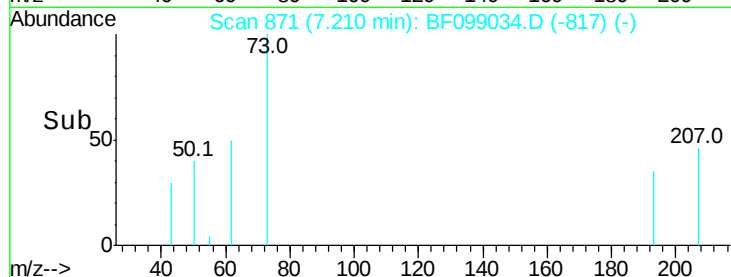
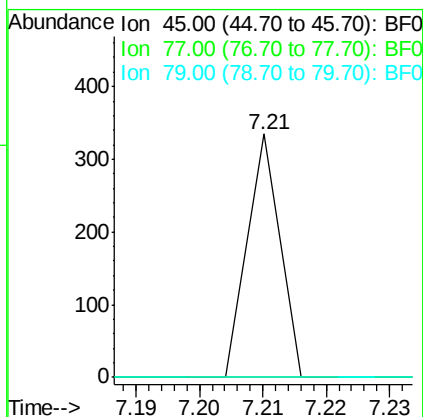
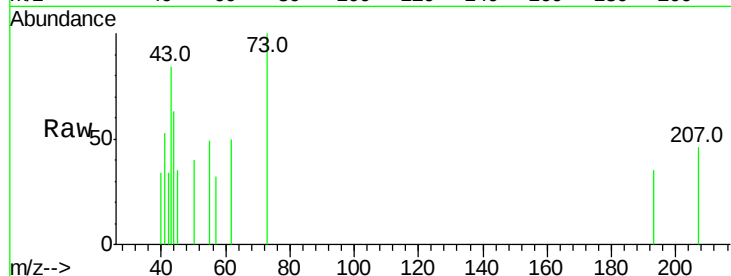




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 0.009 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.02 min
Lab File: BF099034.D
Acq: 3 Oct 2017 16:26

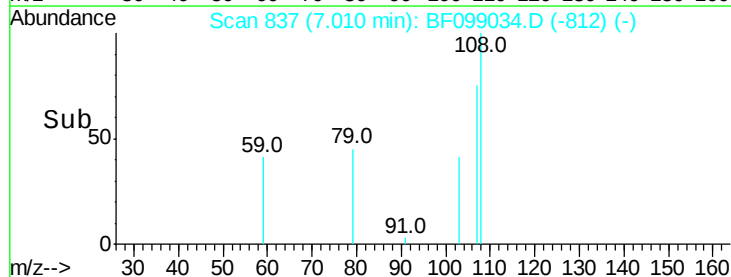
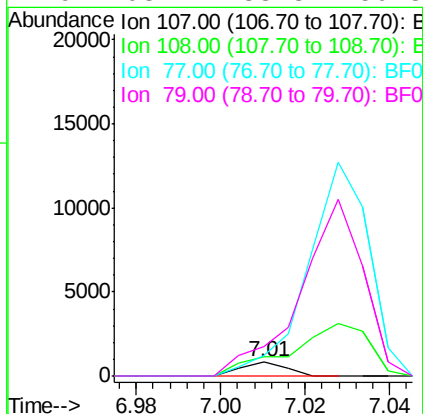
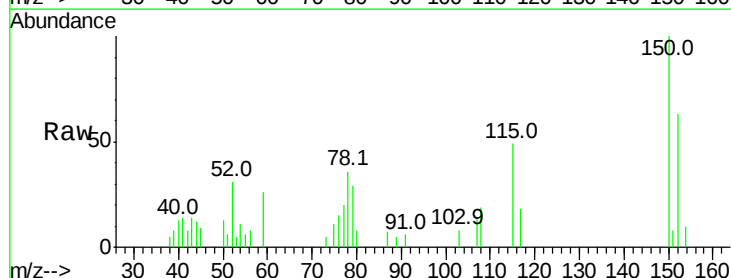
Instrument :
BNA_F
ClientSampleId :

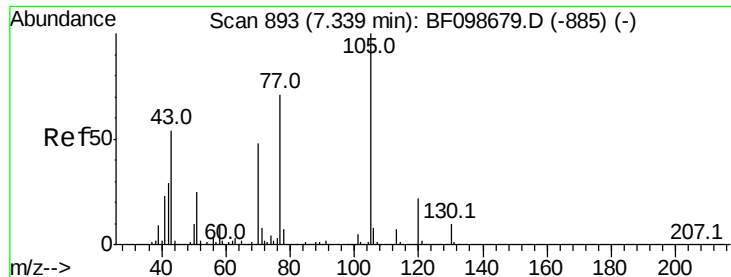
Tot Ion: 45 Resp: 118
Ion Ratio Lower Upper
45 100
77 0.0 0.0 32.9
79 0.0 0.0 29.6



#17
2-Methylphenol
Concen: 0.089 ng
RT: 7.01 min Scan# 837
Delta R.T. -0.15 min
Lab File: BF099034.D
Acq: 3 Oct 2017 16:26

Tgt Ion:107 Resp: 642
Ion Ratio Lower Upper
107 100
108 133.6 91.7 137.5
77 144.7 33.8 50.8#
79 208.4 33.8 50.8#

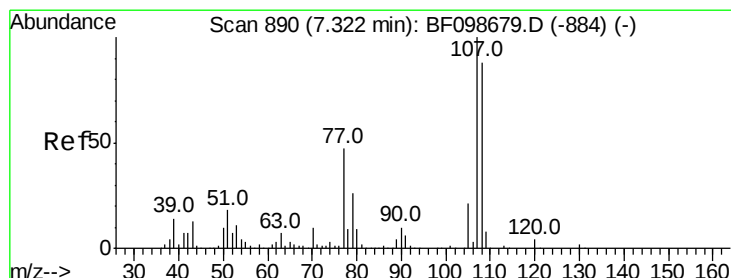
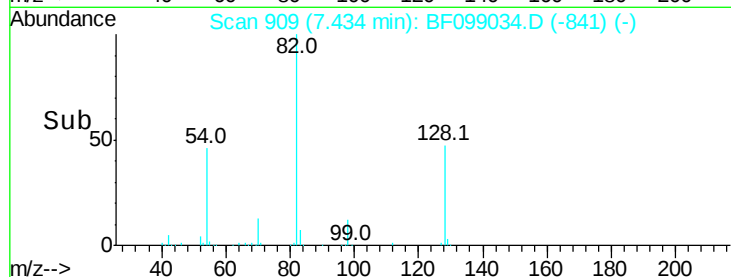
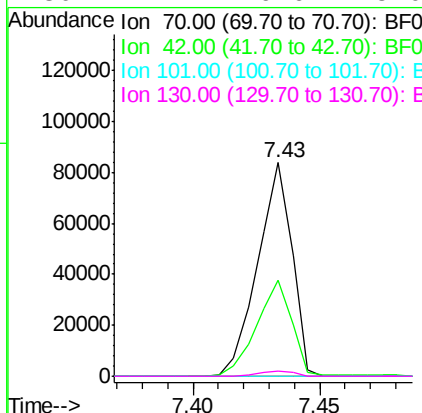
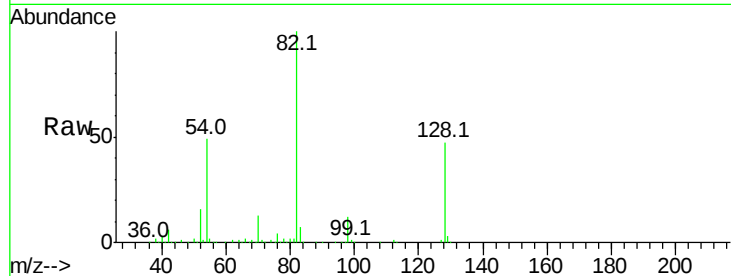




#19
n-Nitroso-di-n-propylamine
Concen: 12.956 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.10 min
Lab File: BF099034.D
Acq: 3 Oct 2017 16:26

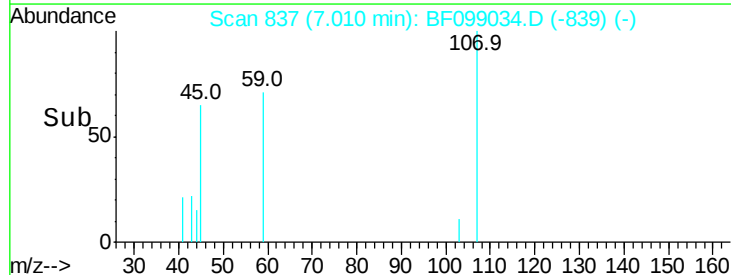
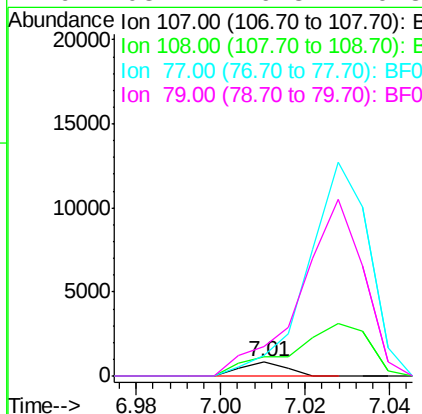
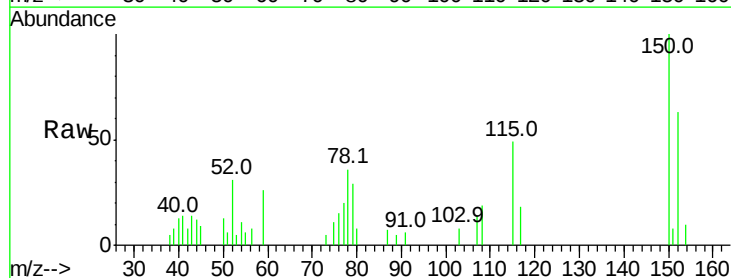
Instrument :
BNA_F
ClientSampleId :

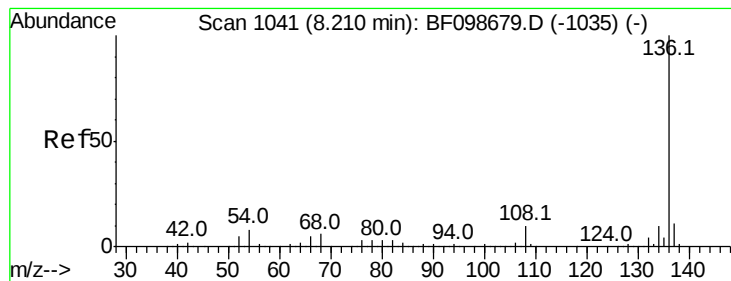
Tot Ion: 70 Resp: 79457
Ion Ratio Lower Upper
70 100
42 44.7 47.5 71.3#
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#



#20
3+4-Methylphenols
Concen: 0.070 ng
RT: 7.01 min Scan# 837
Delta R.T. -0.31 min
Lab File: BF099034.D
Acq: 3 Oct 2017 16:26

Tgt Ion:107 Resp: 642
Ion Ratio Lower Upper
107 100
108 133.6 68.2 108.2#
77 144.7 26.7 66.7#
79 208.4 6.3 46.3#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.05 min

Lab File: BF099034.D

Acq: 3 Oct 2017 16:26

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 515457

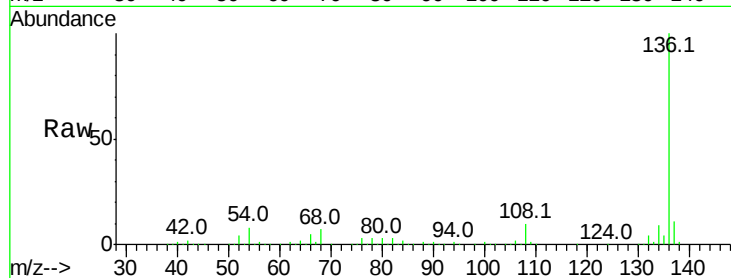
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 8.4 6.6 9.8

68 6.5 5.0 7.4

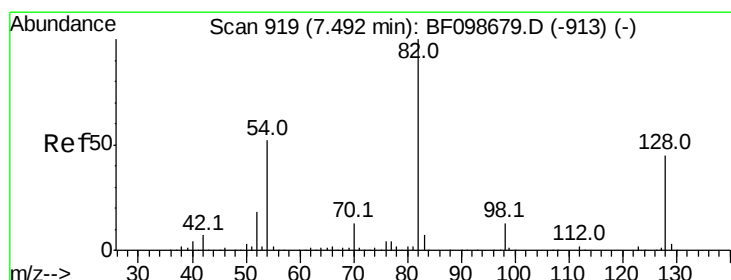
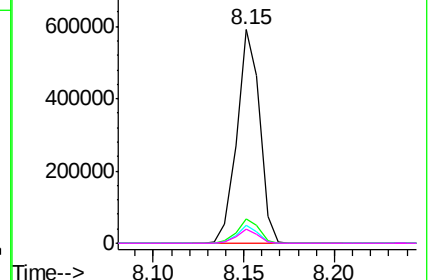
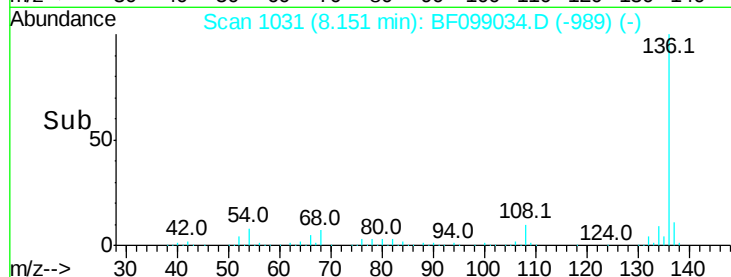


Abundance Ion 136.00 (135.70 to 136.70): E

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: 75.109 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.05 min

Lab File: BF099034.D

Acq: 3 Oct 2017 16:26

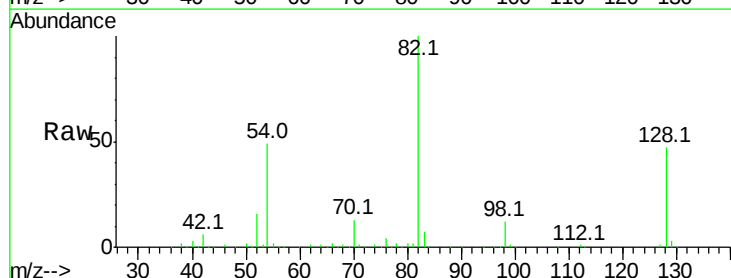
Tgt Ion: 82 Resp: 603702

Ion Ratio Lower Upper

82 100

128 46.9 36.1 54.1

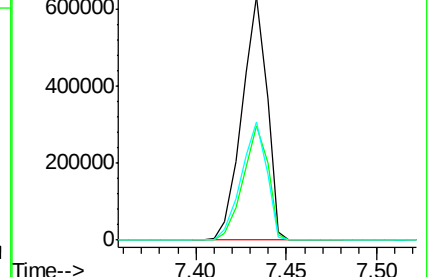
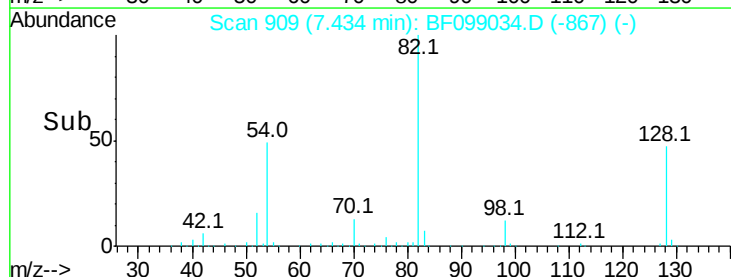
54 48.8 41.4 62.2

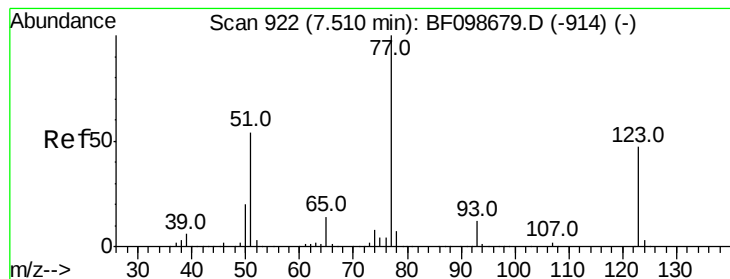


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 0.182 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.07 min

Lab File: BF099034.D

Acq: 3 Oct 2017 16:26

Instrument :

BNA_F

ClientSampled :

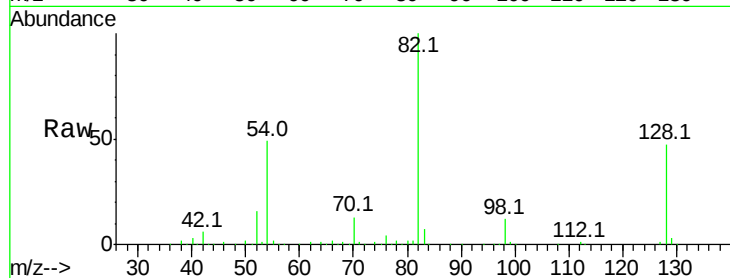
Tot Ion: 77 Resp: 1656

Ion Ratio Lower Upper

77 100

123 0.0 37.9 56.9#

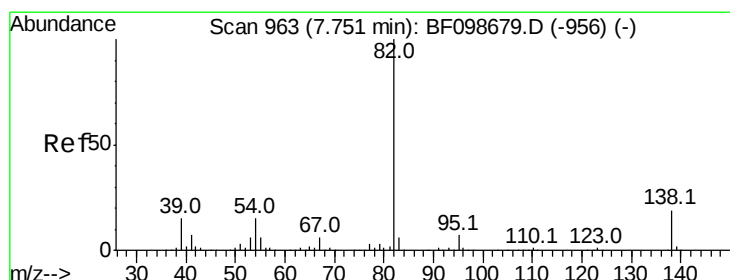
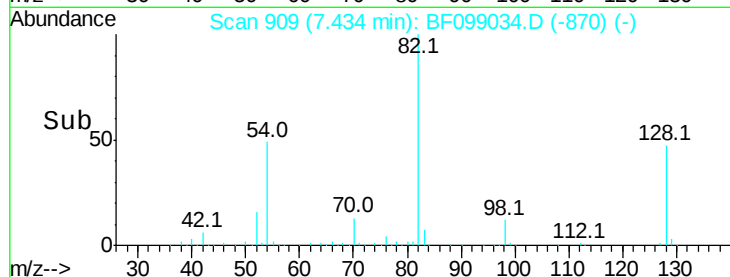
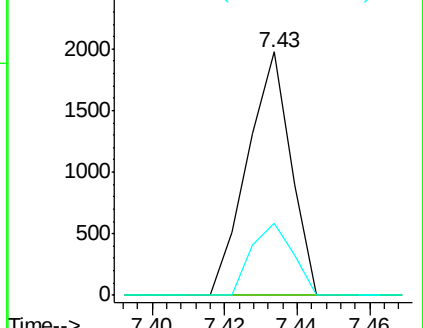
65 29.9 11.0 16.4#



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: 36.239 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.31 min

Lab File: BF099034.D

Acq: 3 Oct 2017 16:26

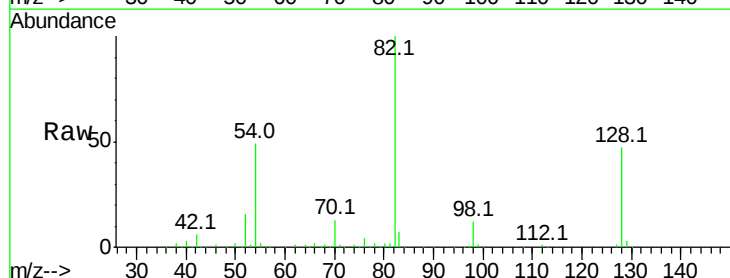
Tgt Ion: 82 Resp: 602212

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

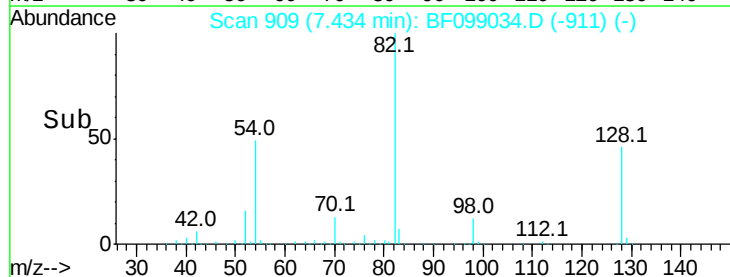
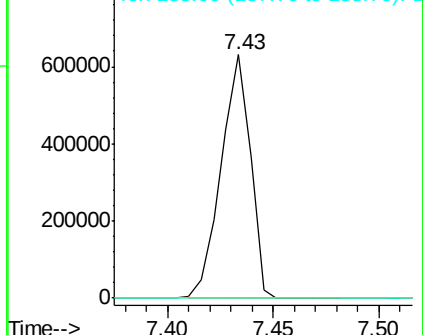
138 0.0 14.9 22.3#

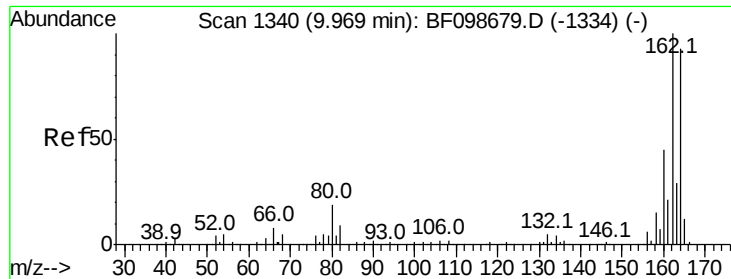


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

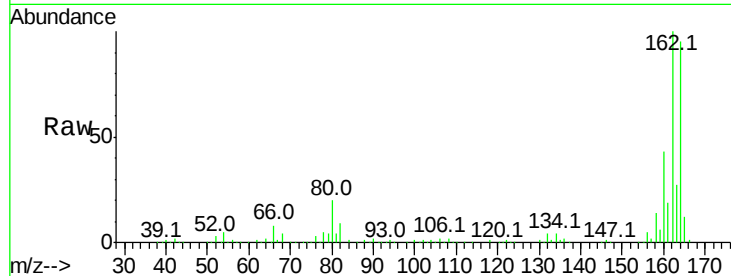




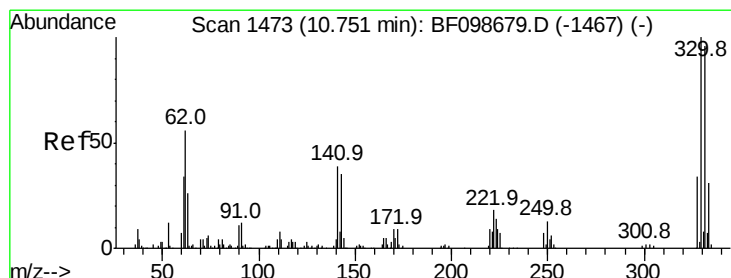
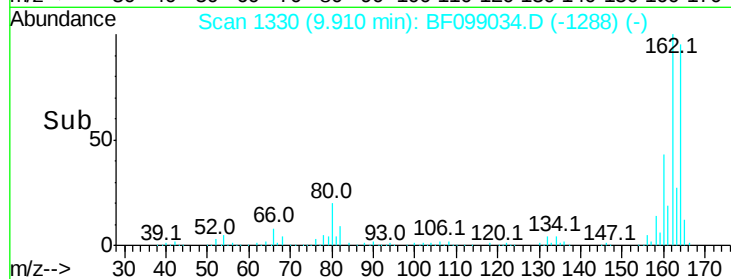
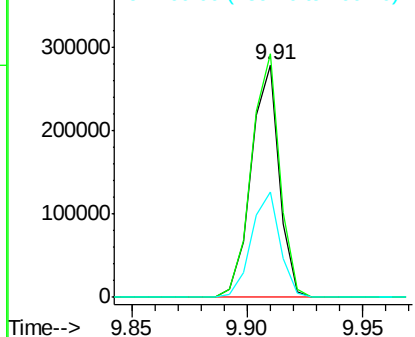
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.05 min
 Lab File: BF099034.D
 Acq: 3 Oct 2017 16:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 236273
 Ion Ratio Lower Upper
 164 100
 162 104.9 86.1 129.1
 160 45.4 38.3 57.5

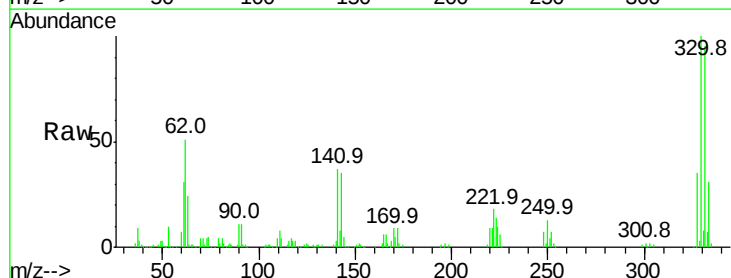


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

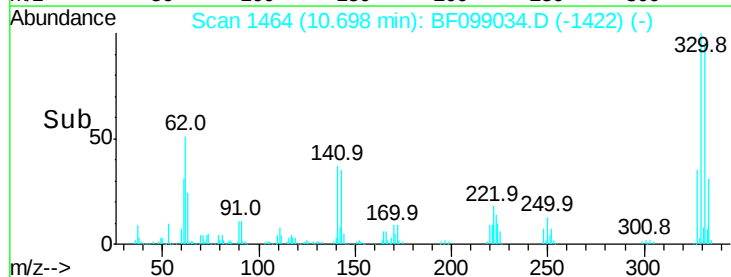
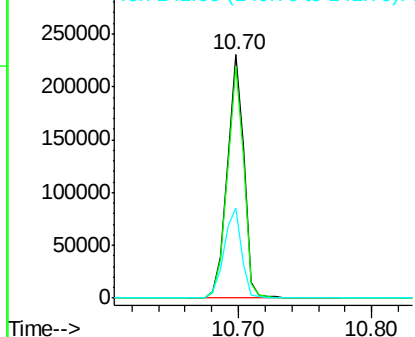


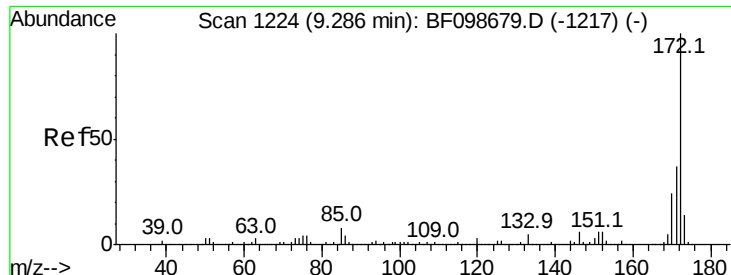
#41
 2,4,6-Tribromophenol
 Concen: 105.215 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.05 min
 Lab File: BF099034.D
 Acq: 3 Oct 2017 16:26

Tgt Ion:330 Resp: 203417
 Ion Ratio Lower Upper
 330 100
 332 94.7 77.0 115.6
 141 38.9 29.9 44.9



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

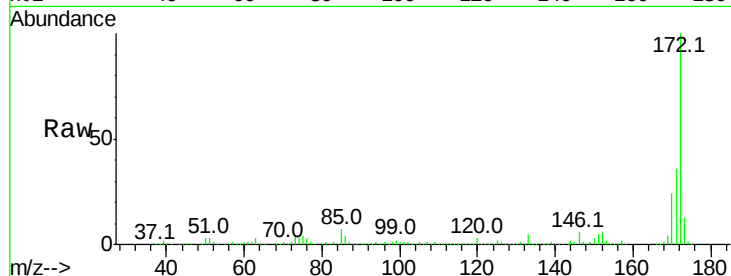




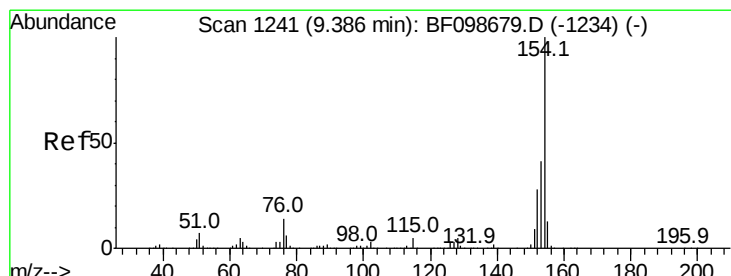
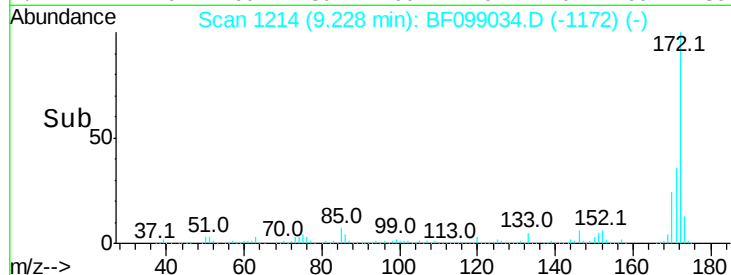
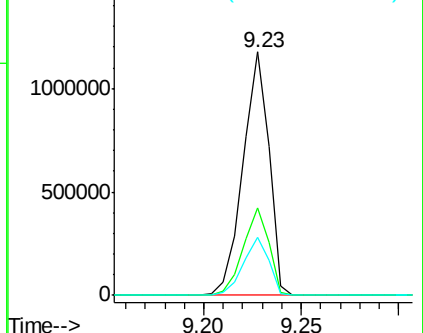
#44
2-Fluorobiphenyl
Concen: 76.702 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.05 min
Lab File: BF099034.D
Acq: 3 Oct 2017 16:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1085565
Ion Ratio Lower Upper
172 100
171 35.8 29.7 44.5
170 24.0 19.6 29.4

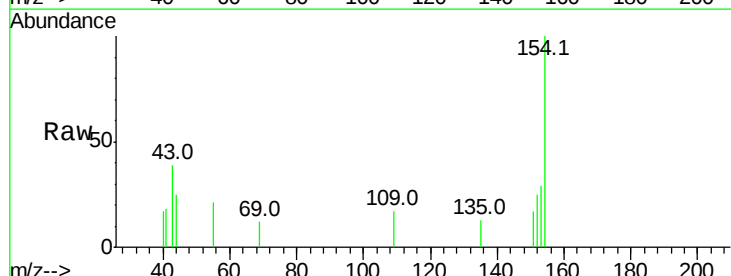


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

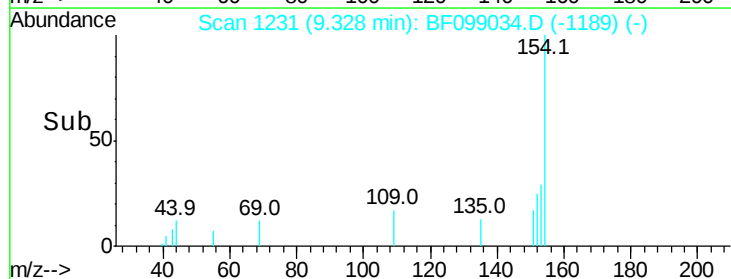
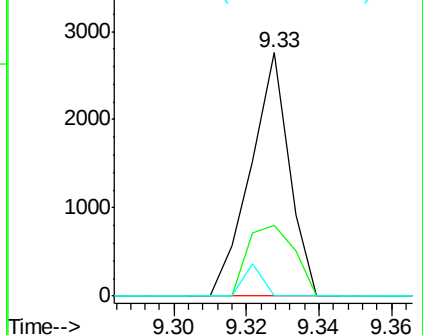


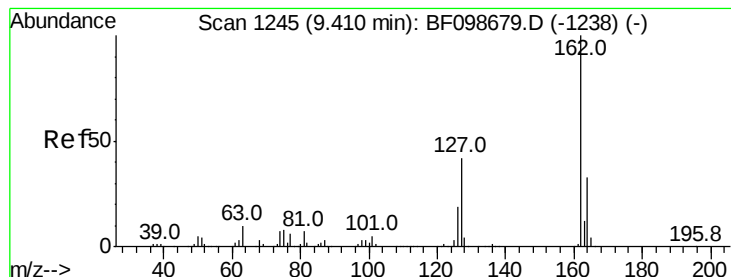
#45
1,1'-Biphenyl
Concen: 0.101 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.05 min
Lab File: BF099034.D
Acq: 3 Oct 2017 16:26

Tgt Ion:154 Resp: 2043
Ion Ratio Lower Upper
154 100
153 28.9 21.3 61.3
76 0.0 0.0 34.0



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





#46

2-Chloronaphthalene

Concen: 0.138 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.21 min

Lab File: BF099034.D

Acq: 3 Oct 2017 16:26

Instrument :

BNA_F

ClientSampleId :

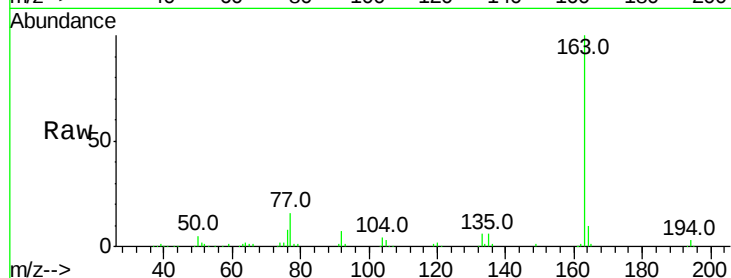
Tot Ion:162 Resp: 2109

Ion Ratio Lower Upper

162 100

127 0.0 33.9 50.9#

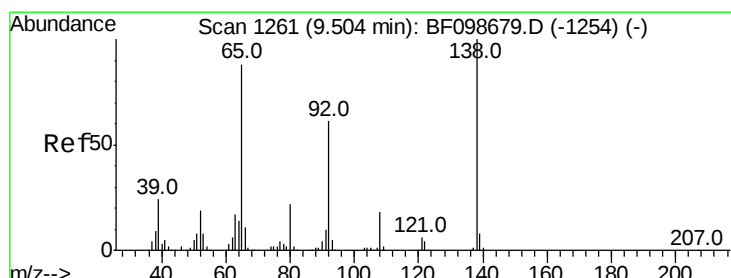
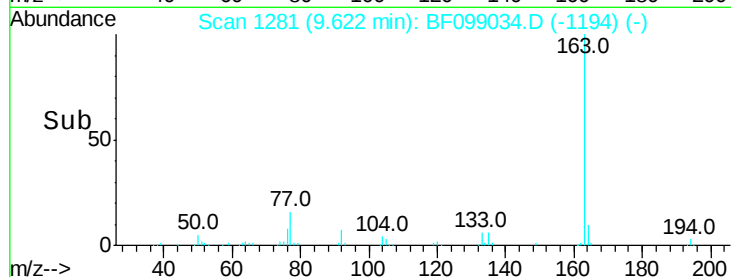
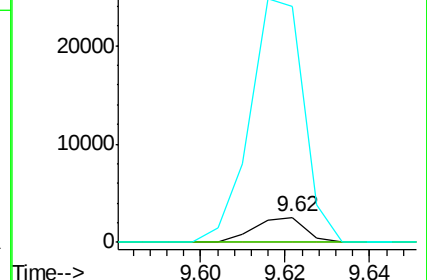
164 955.0 26.5 39.7#



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#47

2-Nitroaniline

Concen: 0.374 ng

RT: 9.62 min Scan# 1280

Delta R.T. 0.12 min

Lab File: BF099034.D

Acq: 3 Oct 2017 16:26

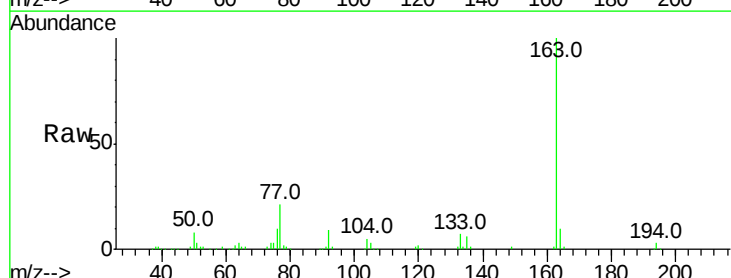
Tgt Ion: 65 Resp: 1745

Ion Ratio Lower Upper

65 100

92 935.3 55.8 83.6#

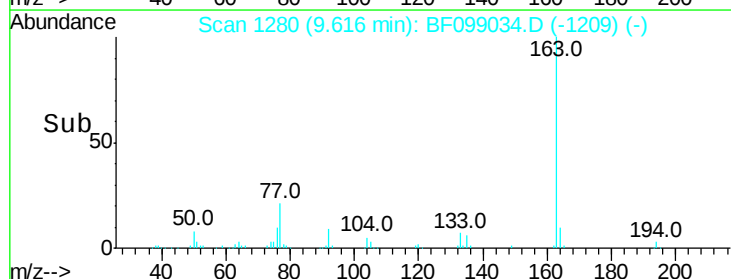
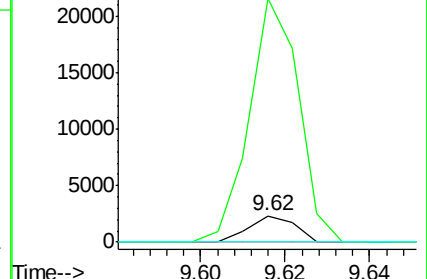
138 0.0 91.2 136.8#

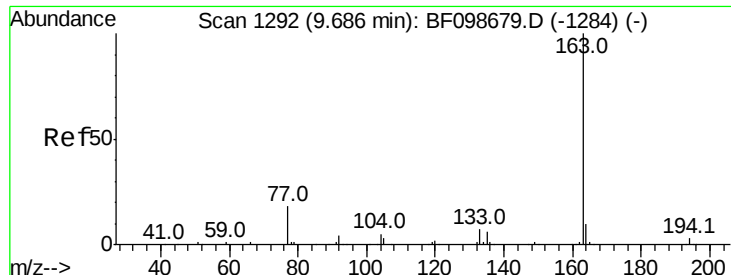


Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E





#49

Dimethylphthalate

Concen: 12.152 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.06 min

Lab File: BF099034.D

Acq: 3 Oct 2017 16:26

Instrument :

BNA_F

ClientSampleId :

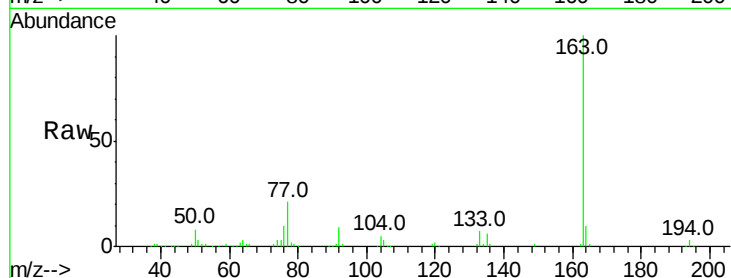
Tot Ion:163 Resp: 216706

Ion Ratio Lower Upper

163 100

194 3.2 2.7 4.1

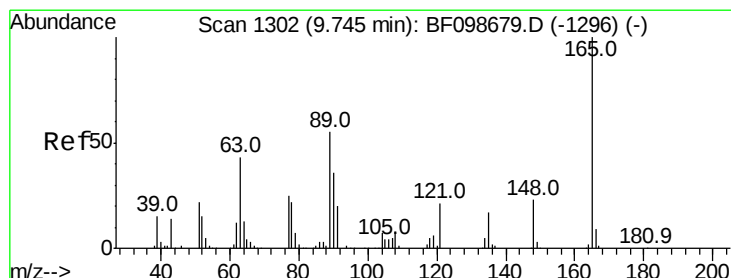
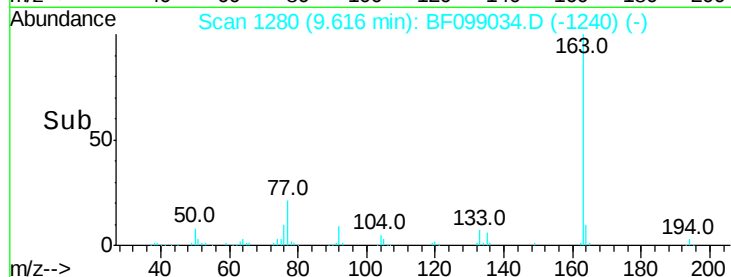
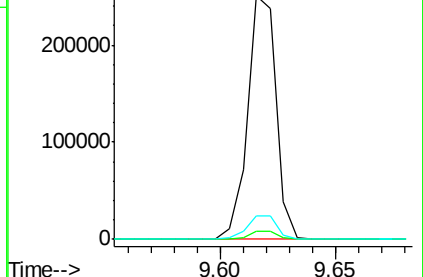
164 9.9 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 0.565 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.12 min

Lab File: BF099034.D

Acq: 3 Oct 2017 16:26

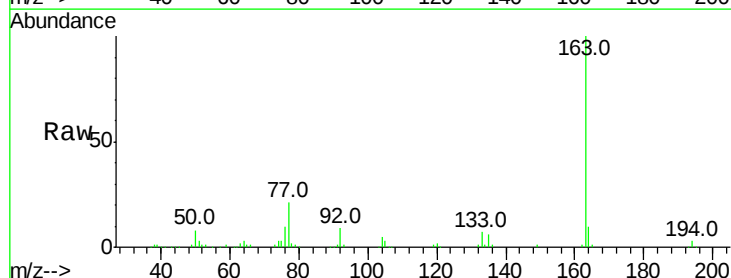
Tgt Ion:165 Resp: 2192

Ion Ratio Lower Upper

165 100

63 138.9 44.7 67.1#

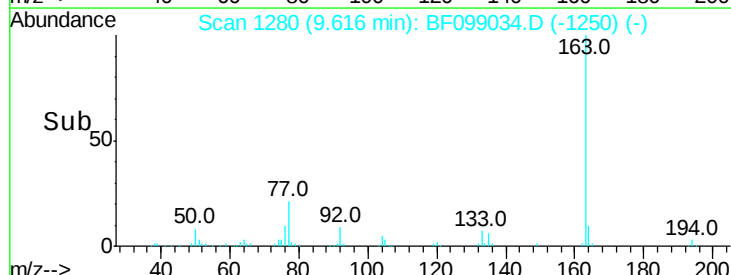
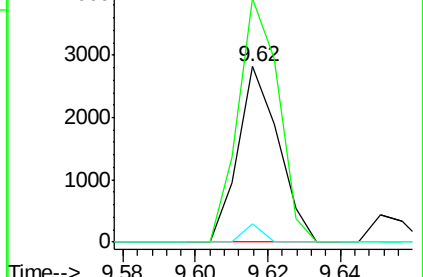
89 10.7 44.0 66.0#

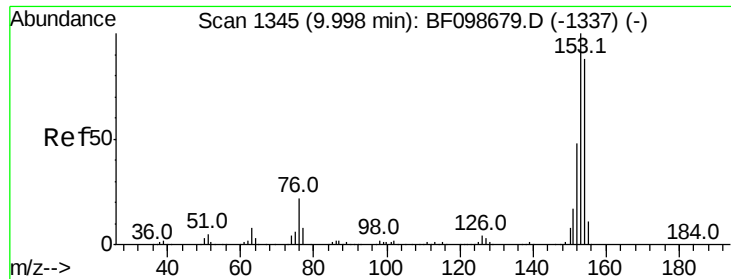


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 0.056 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.09 min

Lab File: BF099034.D

Acq: 3 Oct 2017 16:26

Instrument :

BNA_F

ClientSampleId :

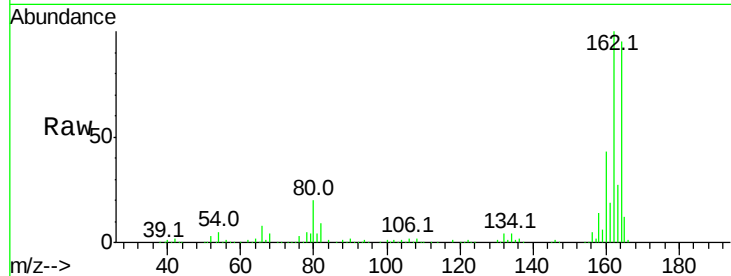
Tot Ion:154 Resp: 833

Ion Ratio Lower Upper

154 100

153 0.0 91.2 136.8#

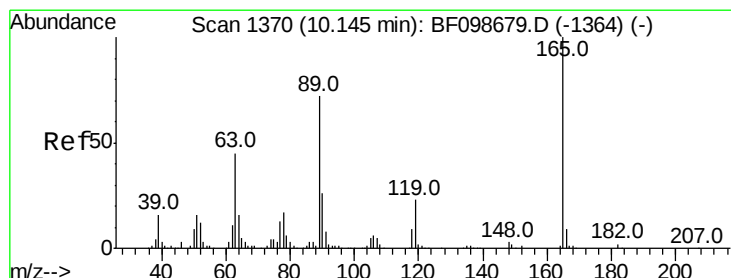
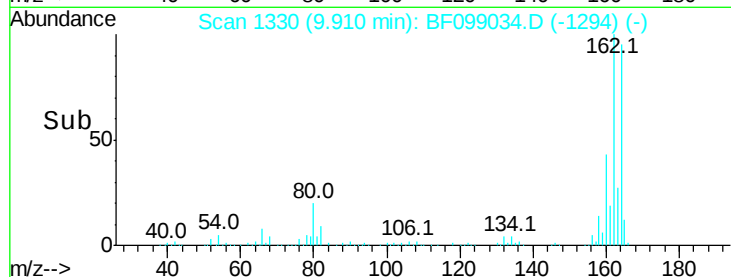
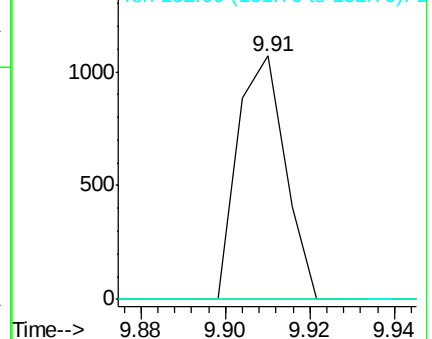
152 0.0 43.8 65.8#



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



#56

2,4-Dinitrotoluene

Concen: 5.761 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.24 min

Lab File: BF099034.D

Acq: 3 Oct 2017 16:26

Tgt Ion:165 Resp: 29026

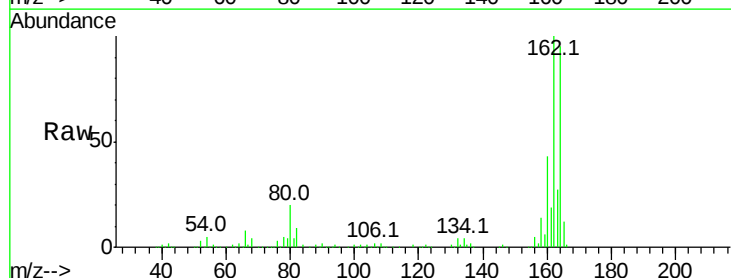
Ion Ratio Lower Upper

165 100

63 1.2 36.4 54.6#

89 1.6 57.8 86.6#

182 0.0 1.6 2.4#

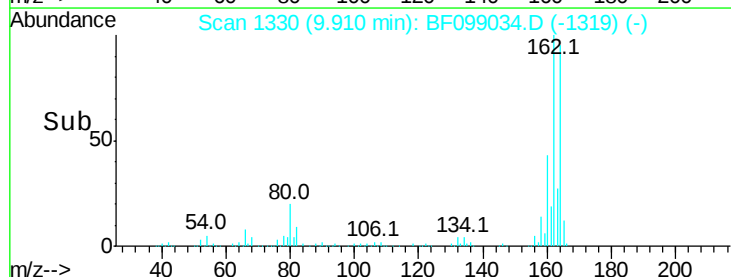
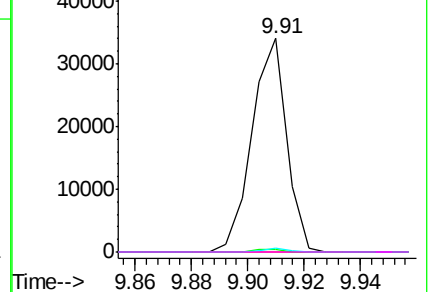


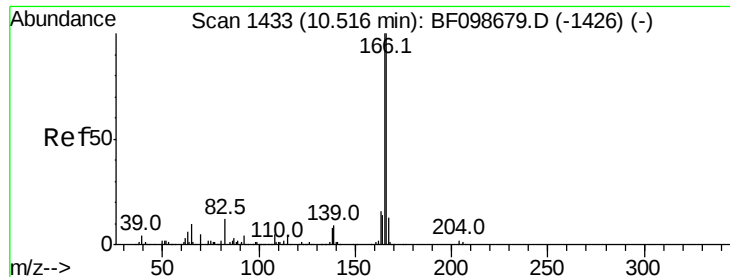
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

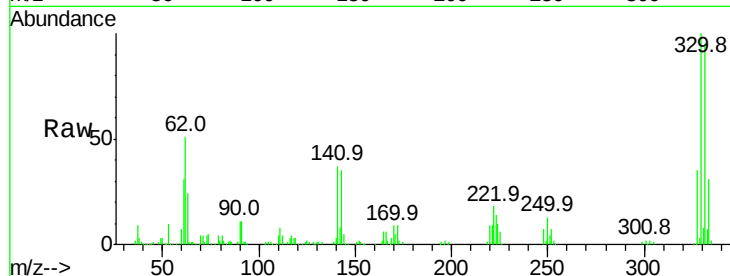




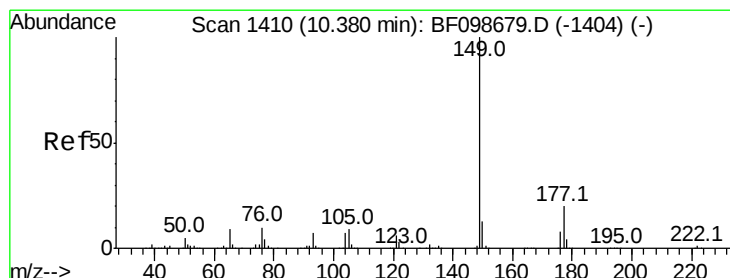
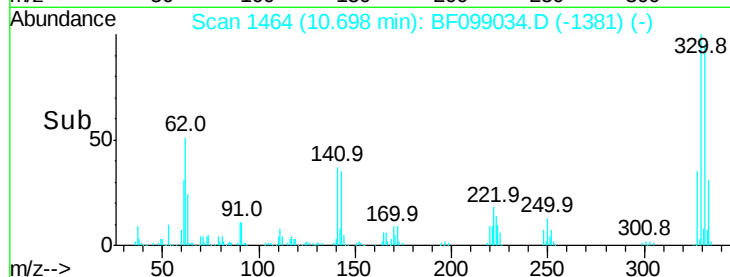
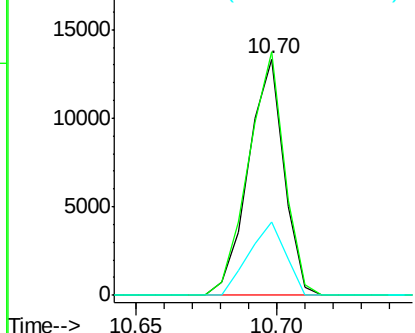
#57
 Fluorene
 Concen: 0.738 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. 0.19 min
 Lab File: BF099034.D
 Acq: 3 Oct 2017 16:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:166 Resp: 11678
 Ion Ratio Lower Upper
 166 100
 165 102.9 79.8 119.8
 167 31.1 10.6 16.0#

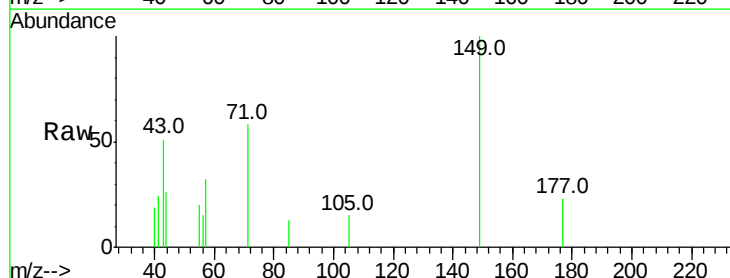


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

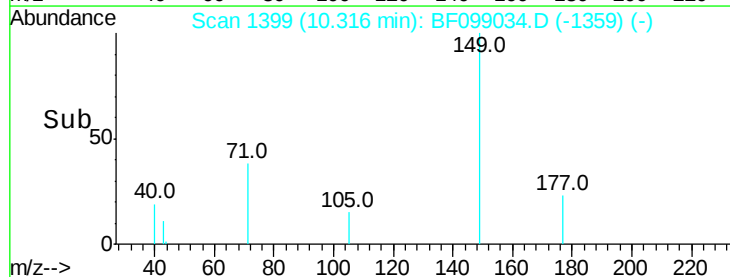
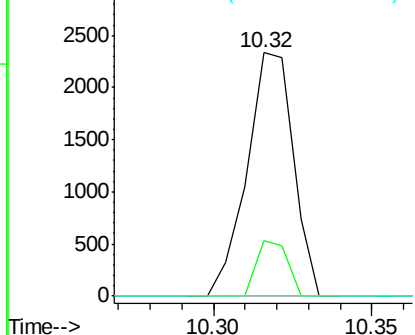


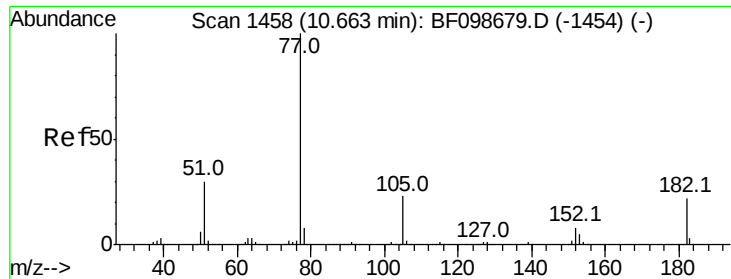
#59
 Diethylphthalate
 Concen: 0.137 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. -0.06 min
 Lab File: BF099034.D
 Acq: 3 Oct 2017 16:26

Tgt Ion:149 Resp: 2379
 Ion Ratio Lower Upper
 149 100
 177 22.8 16.1 24.1
 150 0.0 10.1 15.1#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

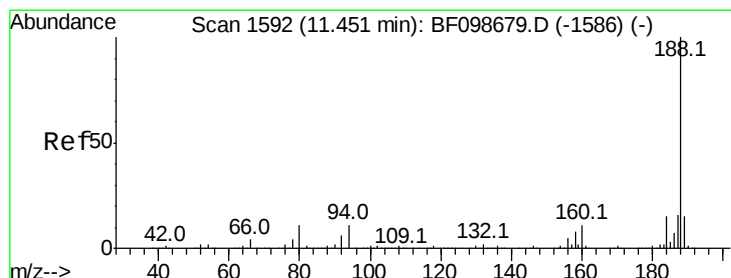
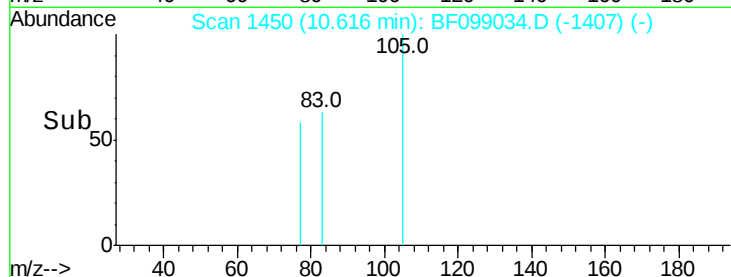
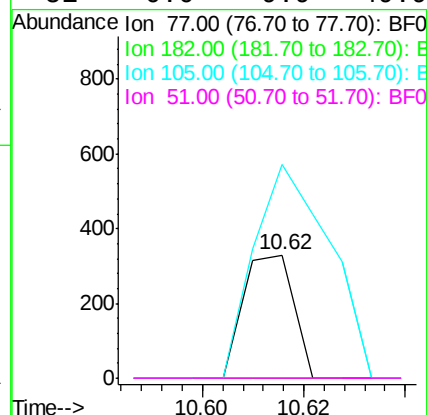
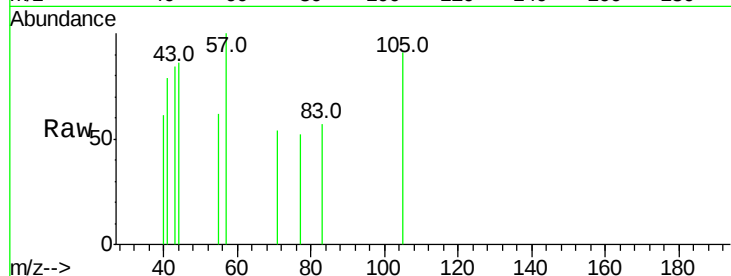




#62
 Azobenzene
 Concen: 0.014 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.05 min
 Lab File: BF099034.D
 Acq: 3 Oct 2017 16:26

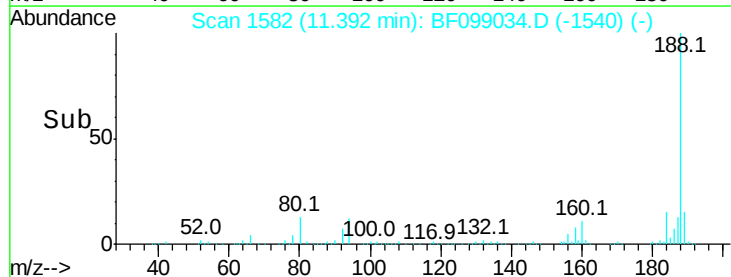
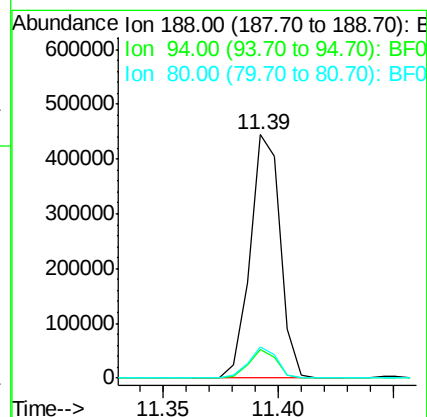
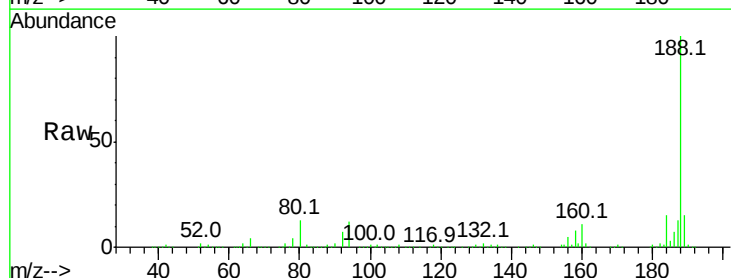
Instrument :
 BNA_F
 ClientSampled :

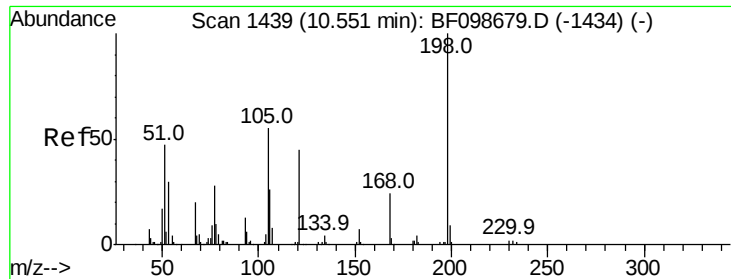
Tot Ion: 77 Resp: 228
 Ion Ratio Lower Upper
 77 100
 182 0.0 1.7 41.7#
 105 173.6 3.0 43.0#
 51 0.0 9.9 49.9#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. -0.05 min
 Lab File: BF099034.D
 Acq: 3 Oct 2017 16:26

Tgt Ion: 188 Resp: 404328
 Ion Ratio Lower Upper
 188 100
 94 12.0 8.5 12.7
 80 12.9 9.2 13.8





#64

4,6-Dinitro-2-methylphenol

Concen: 0.188 ng

RT: 10.70 min Scan# 1464

Delta R.T. 0.15 min

Lab File: BF099034.D

Acq: 3 Oct 2017 16:26

Instrument :

BNA_F

ClientSampleId :

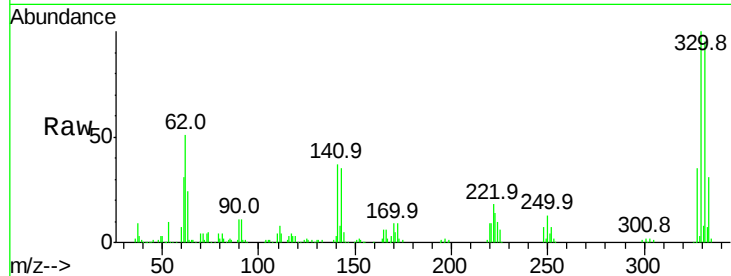
Tot Ion:198 Resp: 463

Ion Ratio Lower Upper

198 100

51 193.2 37.7 77.7#

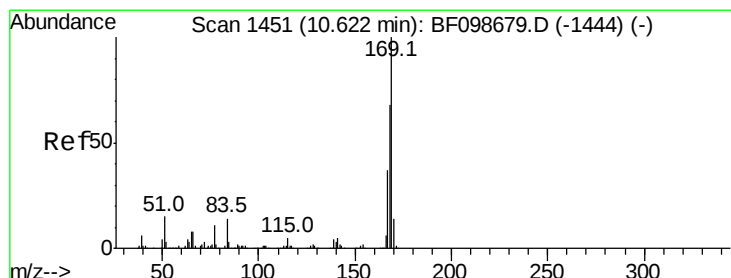
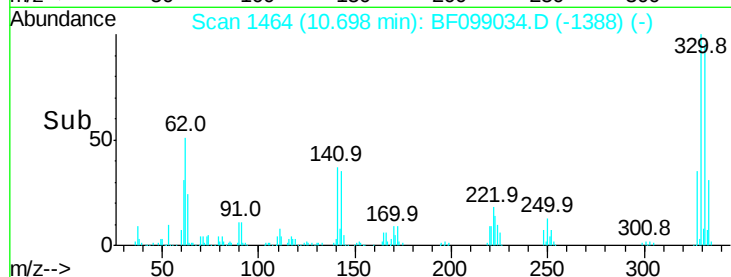
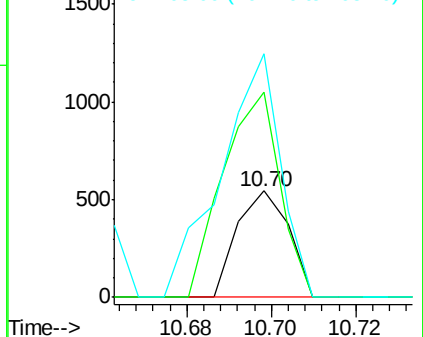
105 228.6 36.3 76.3#



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: 0.524 ng

RT: 10.70 min Scan# 1464

Delta R.T. 0.08 min

Lab File: BF099034.D

Acq: 3 Oct 2017 16:26

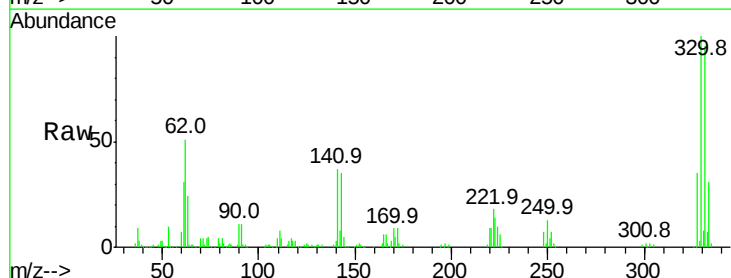
Tgt Ion:169 Resp: 7336

Ion Ratio Lower Upper

169 100

168 7.7 54.4 81.6#

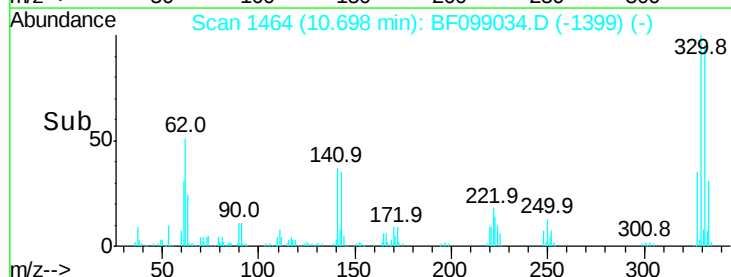
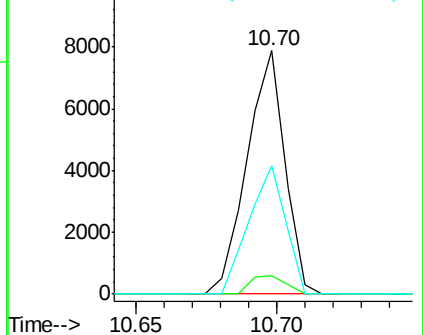
167 52.6 29.8 44.6#

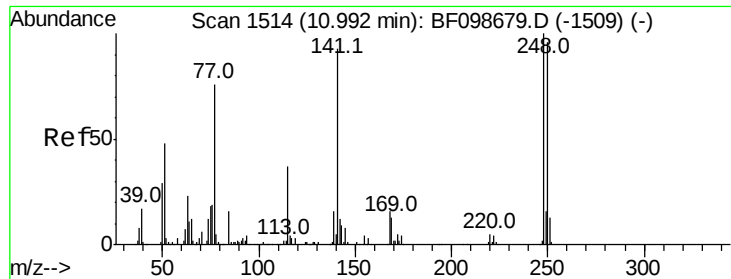


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

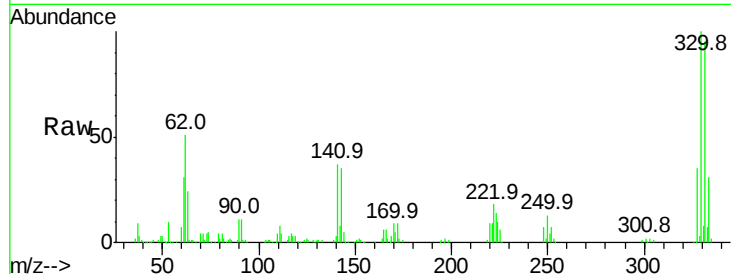




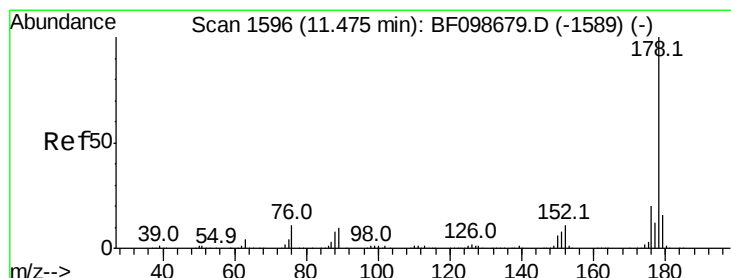
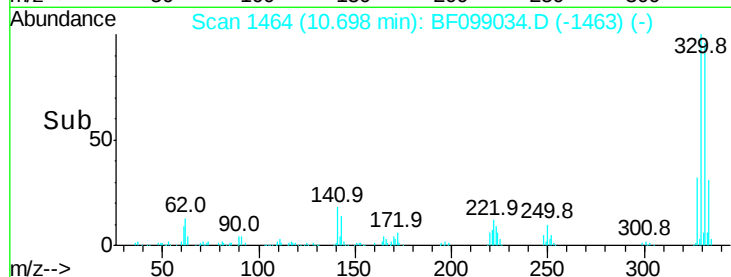
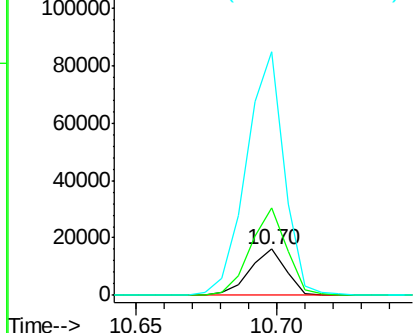
#66
 4-Bromophenyl-phenylether
 Concen: 3.594 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.29 min
 Lab File: BF099034.D
 Acq: 3 Oct 2017 16:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 14223
 Ion Ratio Lower Upper
 248 100
 250 188.3 76.9 115.3#
 141 526.1 74.4 111.6#

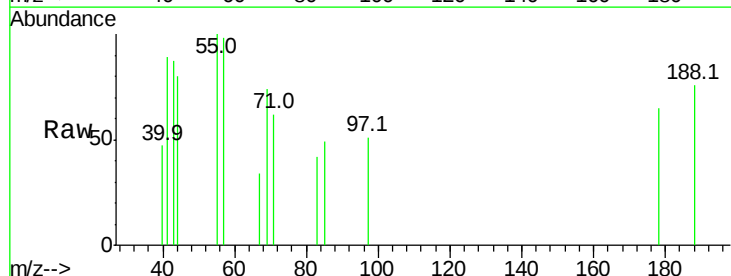


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

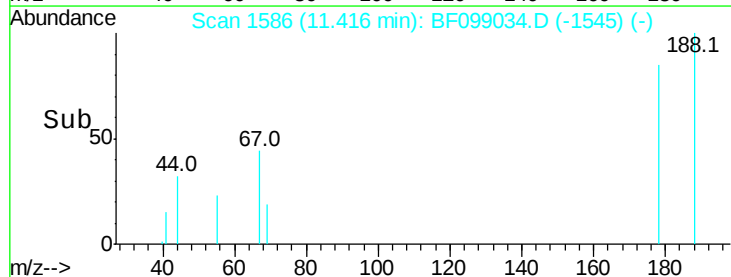
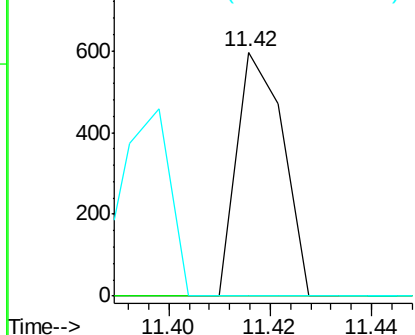


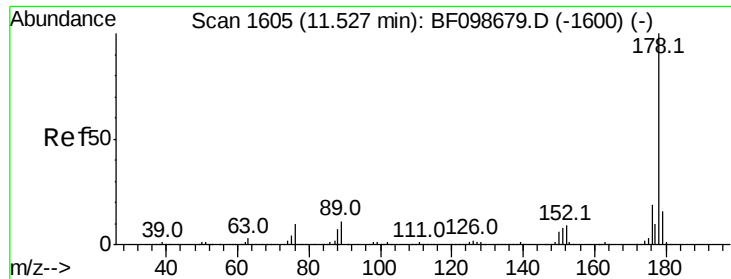
#70
 Phenanthrene
 Concen: 0.017 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. -0.06 min
 Lab File: BF099034.D
 Acq: 3 Oct 2017 16:26

Tgt Ion:178 Resp: 377
 Ion Ratio Lower Upper
 178 100
 176 0.0 15.8 23.8#
 179 0.0 13.0 19.6#



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

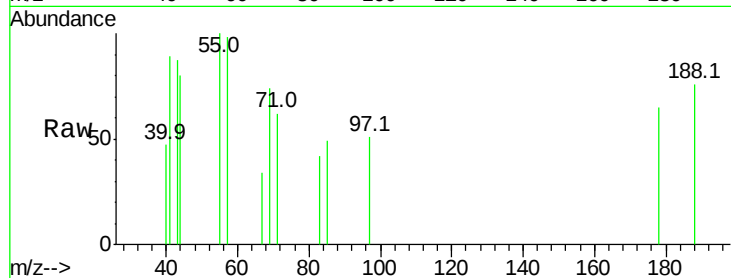




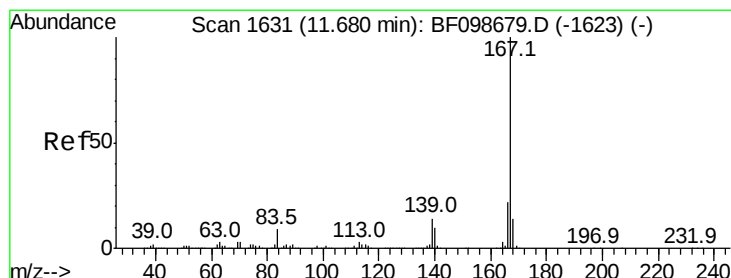
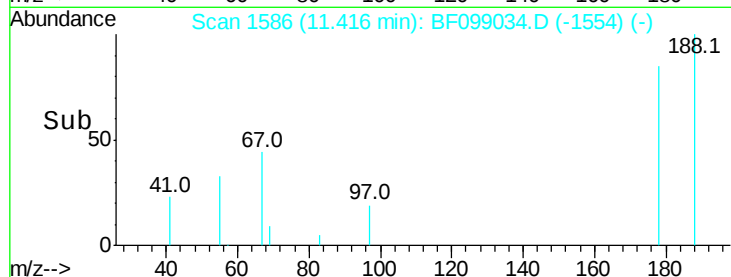
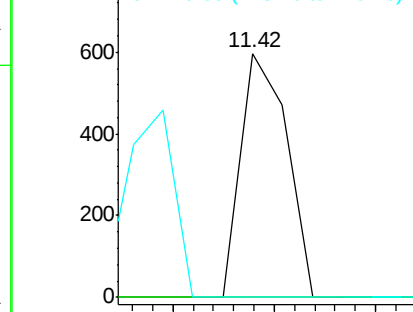
#71
 Anthracene
 Concen: 0.017 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. -0.11 min
 Lab File: BF099034.D
 Acq: 3 Oct 2017 16:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 377
 Ion Ratio Lower Upper
 178 100
 176 0.0 15.4 23.2#
 179 0.0 12.6 19.0#

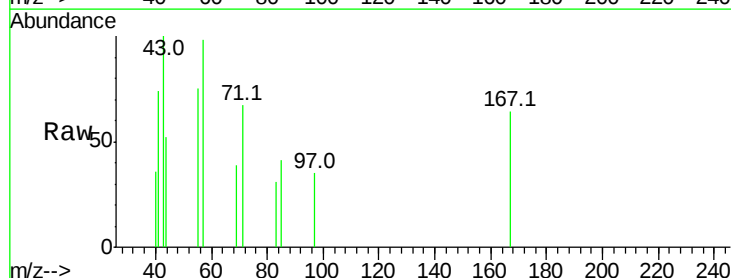


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

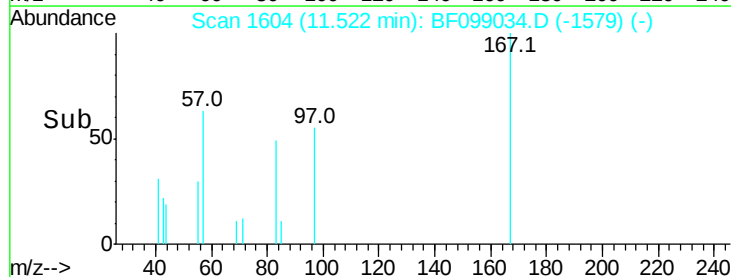
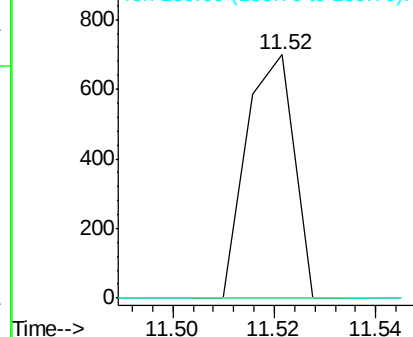


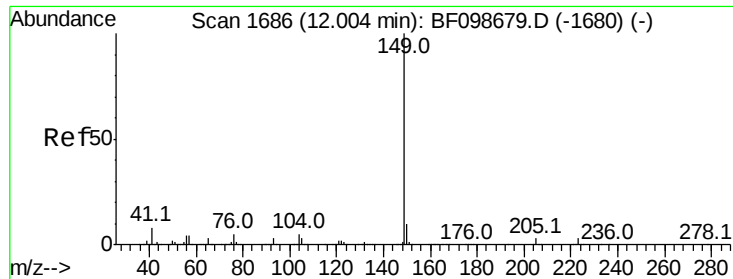
#72
 Carbazole
 Concen: 0.021 ng
 RT: 11.52 min Scan# 1604
 Delta R.T. -0.15 min
 Lab File: BF099034.D
 Acq: 3 Oct 2017 16:26

Tgt Ion:167 Resp: 453
 Ion Ratio Lower Upper
 167 100
 166 0.0 17.6 26.4#
 139 0.0 10.9 16.3#



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 0.101 ng

RT: 11.95 min Scan# 1676

Delta R.T. -0.06 min

Lab File: BF099034.D

Acq: 3 Oct 2017 16:26

Instrument :

BNA_F

ClientSampleId :

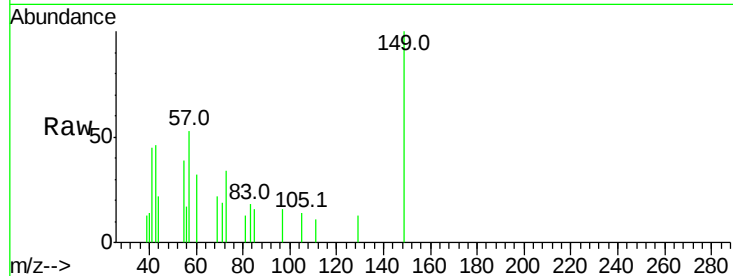
Tot Ion:149 Resp: 2644

Ion Ratio Lower Upper

149 100

150 0.0 7.8 11.6#

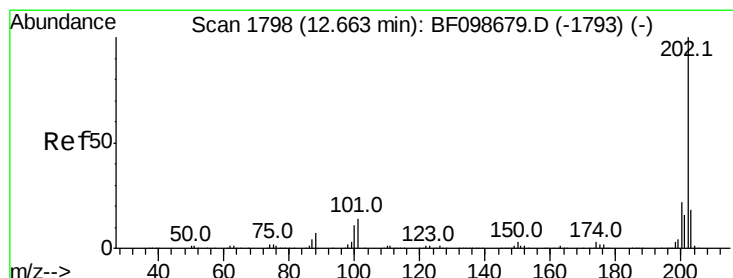
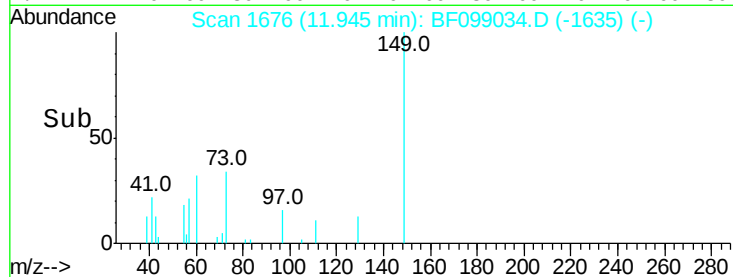
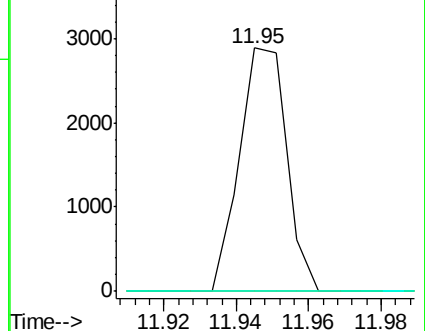
104 0.0 3.8 5.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 0.047 ng

RT: 12.56 min Scan# 1781

Delta R.T. -0.10 min

Lab File: BF099034.D

Acq: 3 Oct 2017 16:26

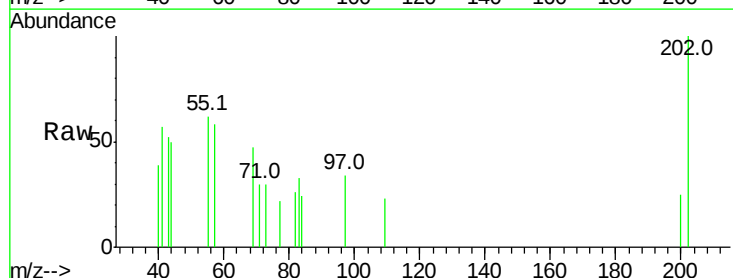
Tgt Ion:202 Resp: 1027

Ion Ratio Lower Upper

202 100

101 0.0 0.0 34.1

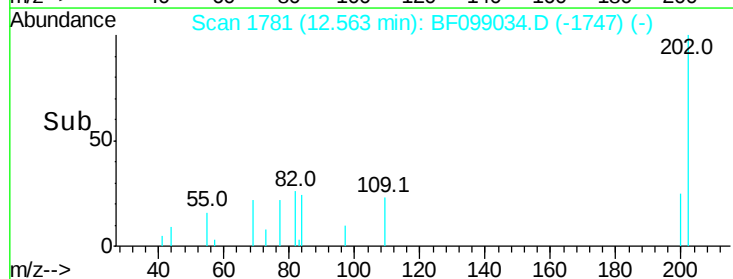
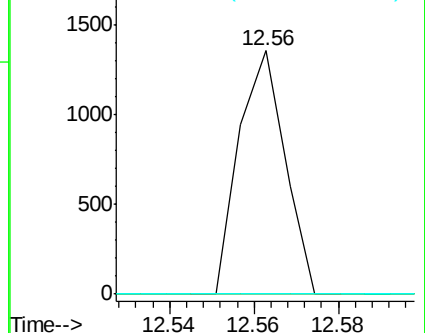
203 0.0 0.0 38.1

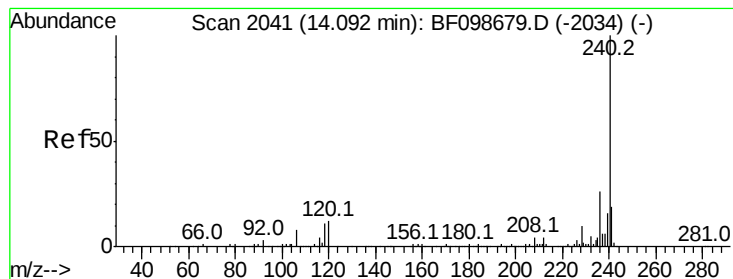


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.05 min

Lab File: BF099034.D

Acq: 3 Oct 2017 16:26

Instrument :

BNA_F

ClientSampleId :

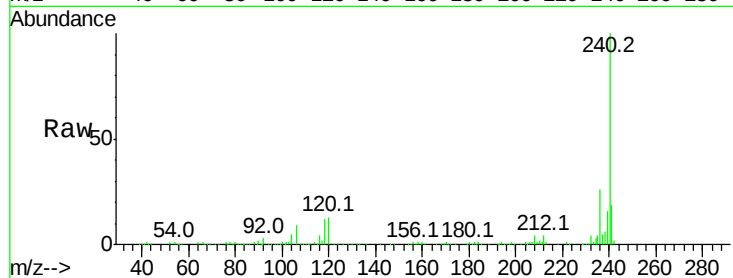
Tot Ion:240 Resp: 246034

Ion Ratio Lower Upper

240 100

120 12.9 9.5 14.3

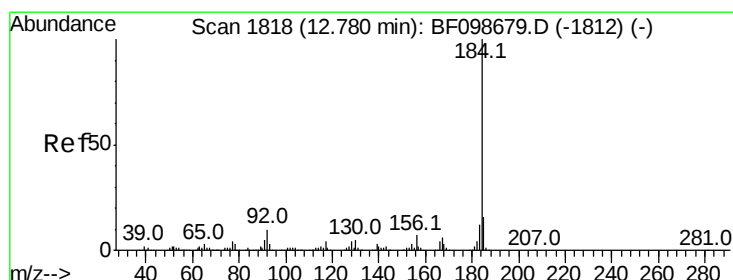
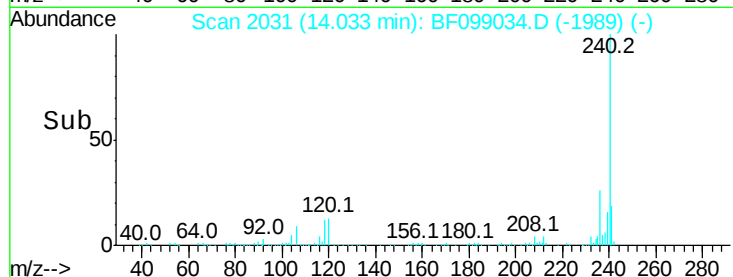
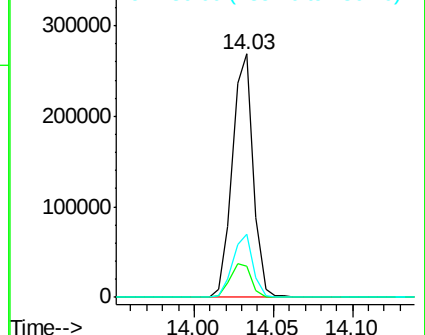
236 26.2 20.7 31.1



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: 1.285 ng

RT: 12.98 min Scan# 1852

Delta R.T. 0.20 min

Lab File: BF099034.D

Acq: 3 Oct 2017 16:26

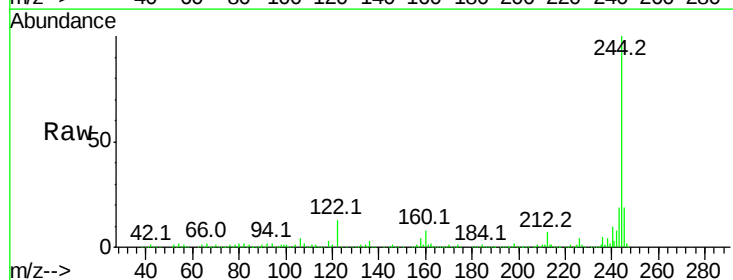
Tgt Ion:184 Resp: 11691

Ion Ratio Lower Upper

184 100

185 14.5 12.6 18.8

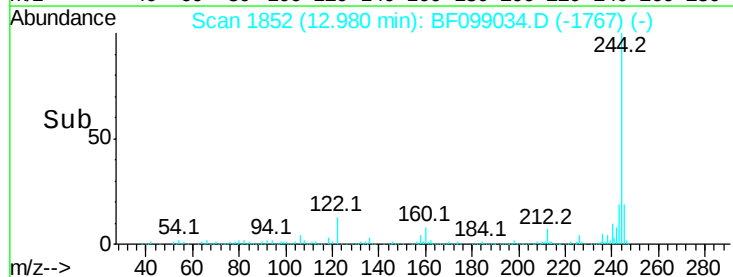
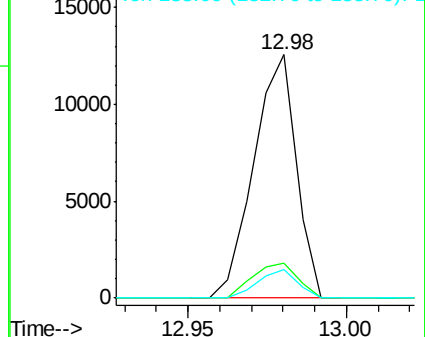
183 11.9 9.3 13.9

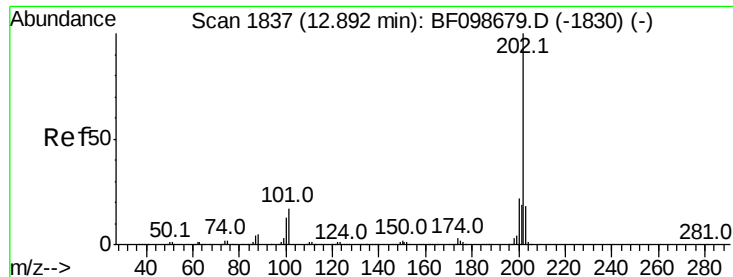


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 0.059 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.09 min

Lab File: BF099034.D

Acq: 3 Oct 2017 16:26

Instrument :

BNA_F

ClientSampleId :

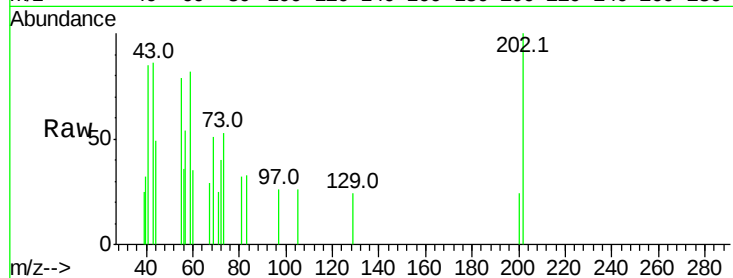
Tot Ion:202 Resp: 1112

Ion Ratio Lower Upper

202 100

200 23.6 17.4 26.2

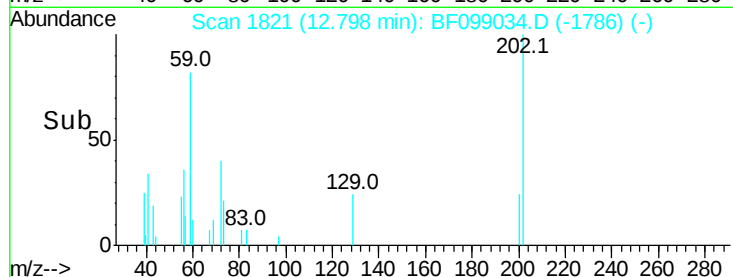
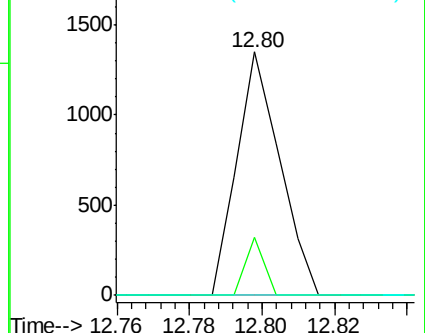
203 0.0 14.3 21.5#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 78.230 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.05 min

Lab File: BF099034.D

Acq: 3 Oct 2017 16:26

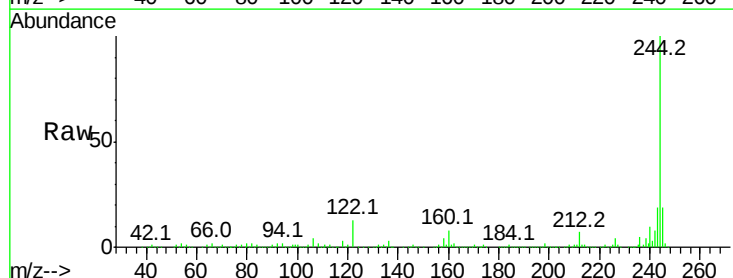
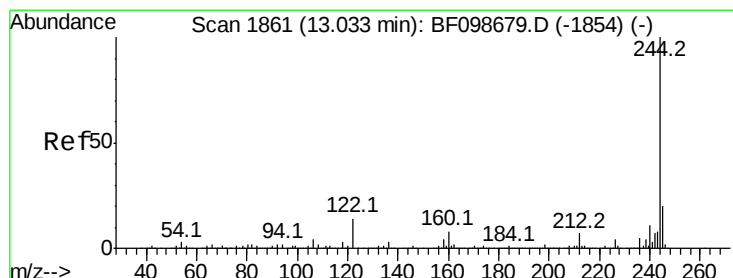
Tgt Ion:244 Resp: 846327

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

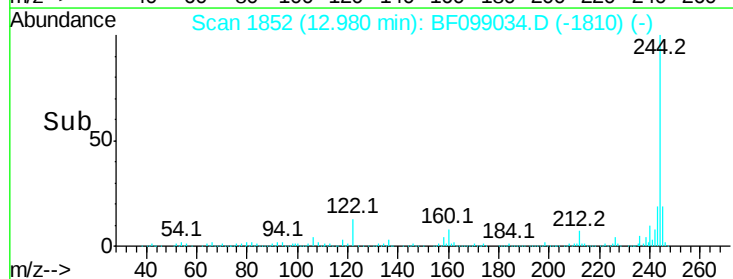
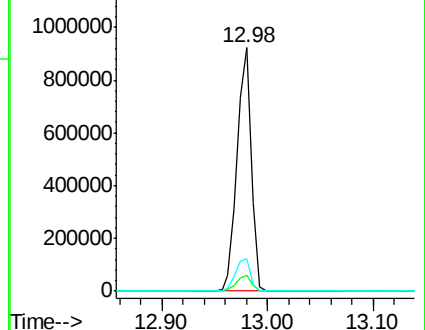
122 13.2 11.0 16.4

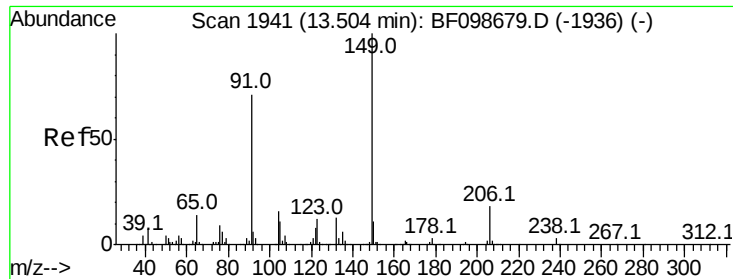


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

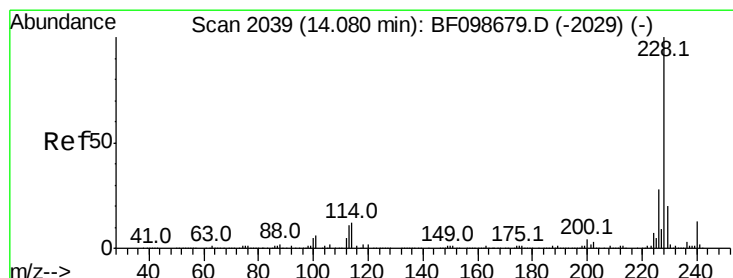
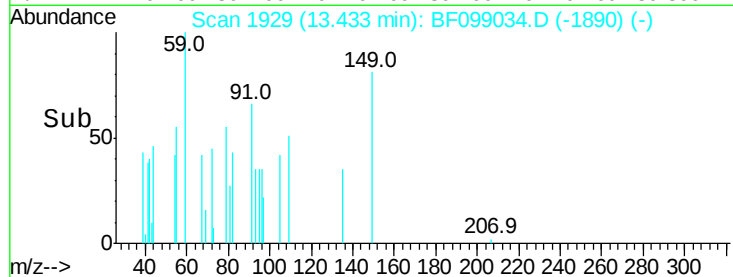
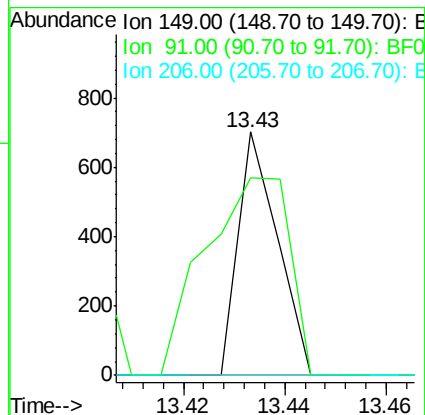
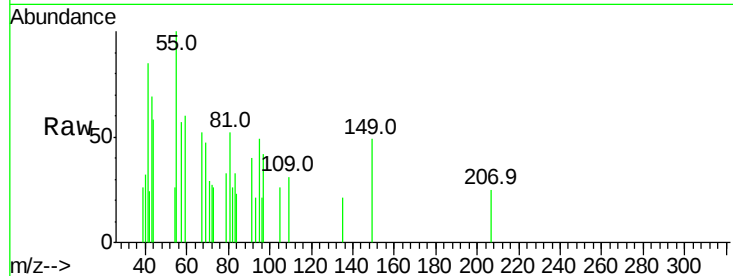




#79
 Butylbenzylphthalate
 Concen: 0.043 ng
 RT: 13.43 min Scan# 1929
 Delta R.T. -0.07 min
 Lab File: BF099034.D
 Acq: 3 Oct 2017 16:26

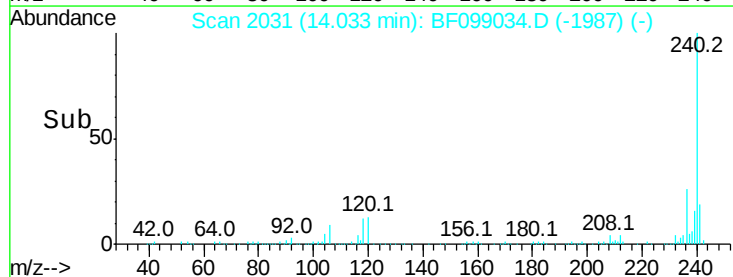
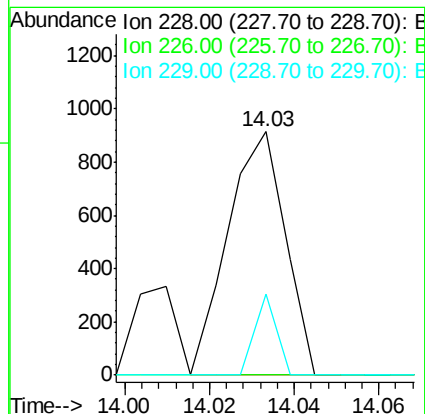
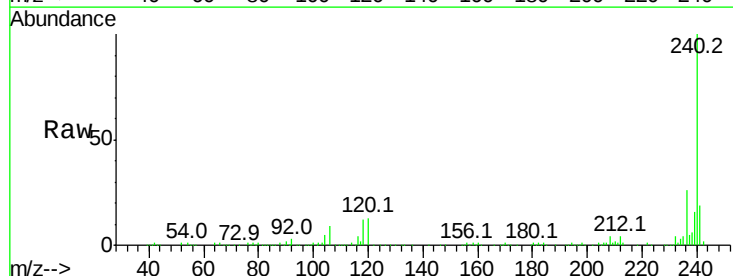
Instrument :
 BNA_F
 ClientSampleId :

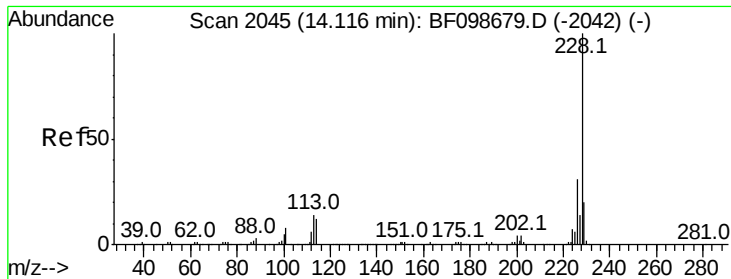
Tot Ion:149 Resp: 379
 Ion Ratio Lower Upper
 149 100
 91 81.3 56.8 85.2
 206 0.0 14.1 21.1#



#80
 Benzo(a)anthracene
 Concen: 0.058 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.04 min
 Lab File: BF099034.D
 Acq: 3 Oct 2017 16:26

Tgt Ion:228 Resp: 861
 Ion Ratio Lower Upper
 228 100
 226 0.0 22.6 33.8#
 229 33.3 15.8 23.6#





#82

Chrysene

Concen: 0.061 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.08 min

Lab File: BF099034.D

Acq: 3 Oct 2017 16:26

Instrument :

BNA_F

ClientSampleId :

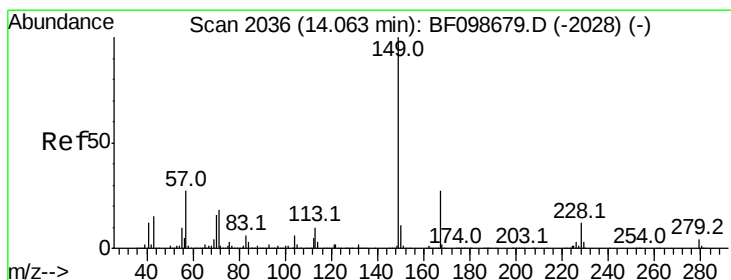
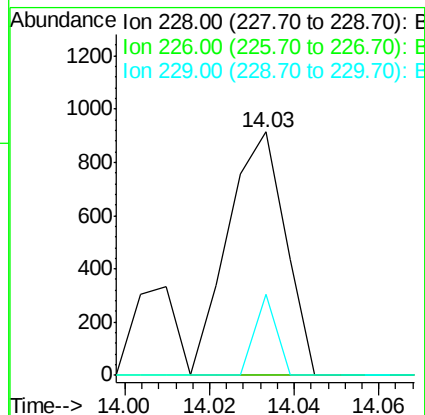
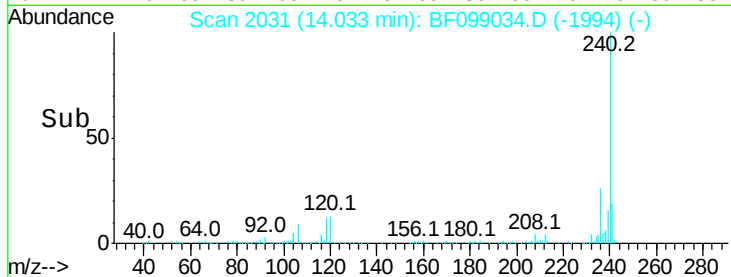
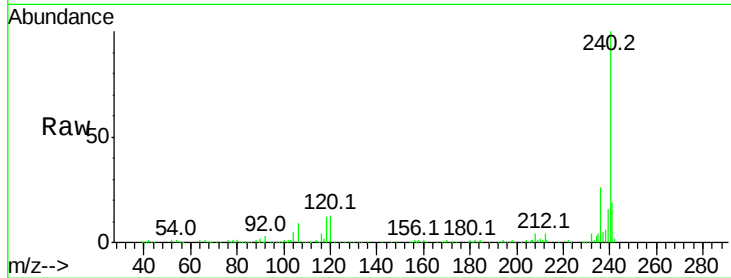
Tot Ion:228 Resp: 861

Ion Ratio Lower Upper

228 100

226 0.0 25.0 37.6#

229 33.3 16.2 24.4#



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.558 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.06 min

Lab File: BF099034.D

Acq: 3 Oct 2017 16:26

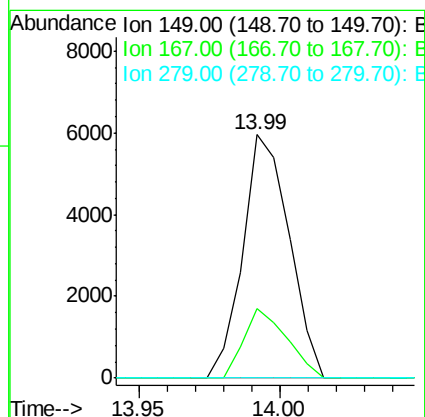
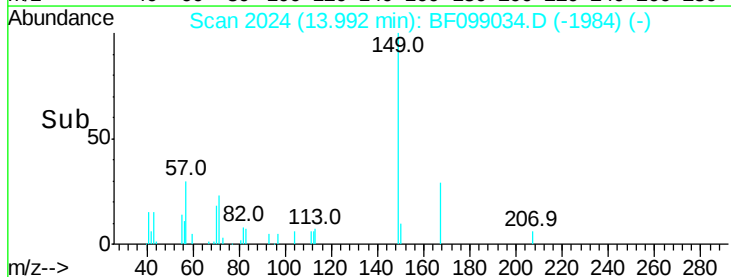
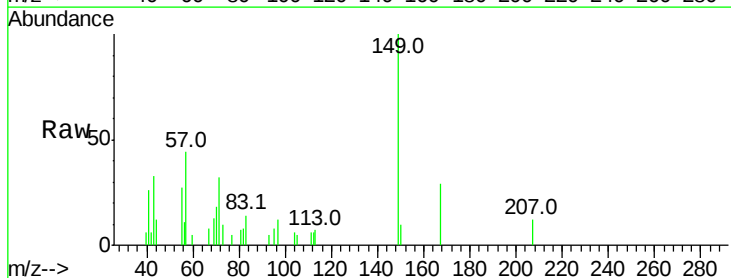
Tgt Ion:149 Resp: 6780

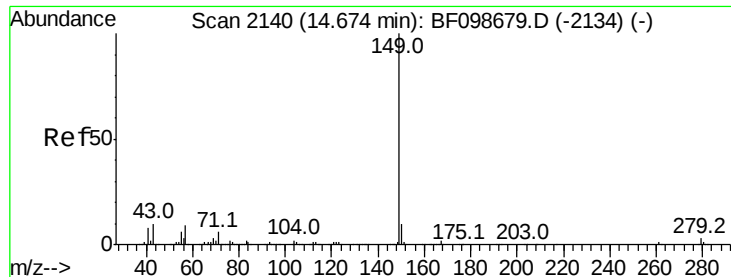
Ion Ratio Lower Upper

149 100

167 28.6 21.3 31.9

279 0.0 3.0 4.4#





#84

Di-n-octyl phthalate

Concen: 0.034 ng

RT: 14.60 min Scan# 2127

Delta R.T. -0.07 min

Lab File: BF099034.D

Acq: 3 Oct 2017 16:26

Instrument :

BNA_F

ClientSampleId :

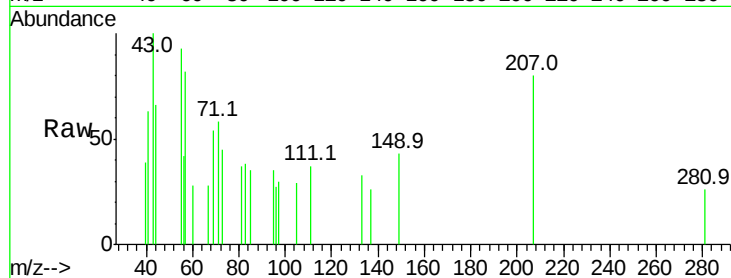
Tot Ion:149 Resp: 659

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

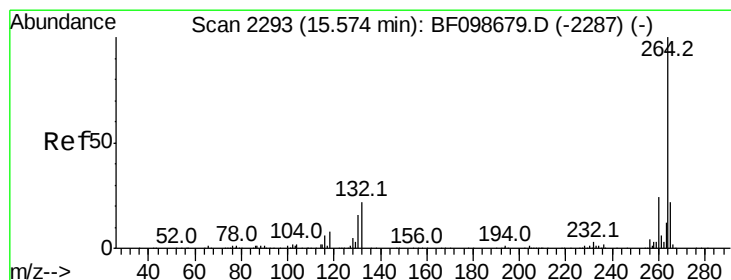
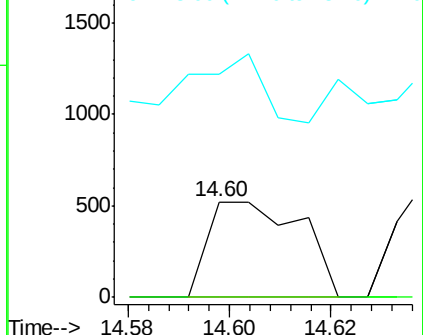
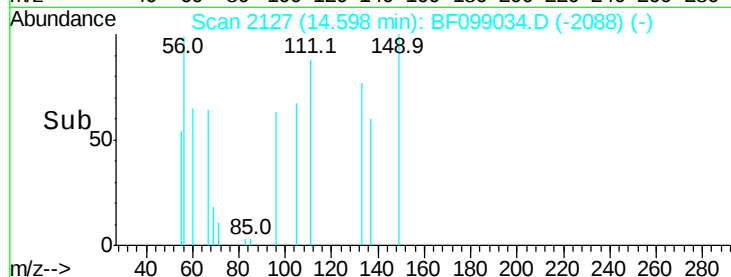
43 49.8 8.4 12.6#



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: 20.000 ng

RT: 15.50 min Scan# 2281

Delta R.T. -0.07 min

Lab File: BF099034.D

Acq: 3 Oct 2017 16:26

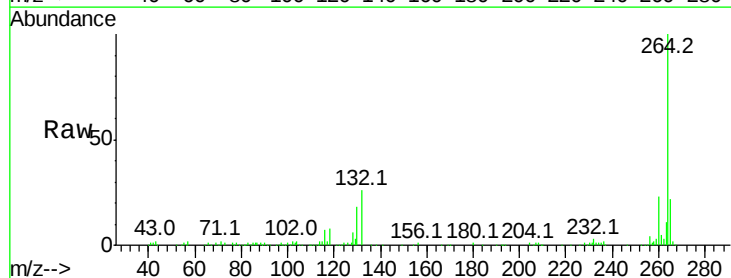
Tgt Ion:264 Resp: 193817

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

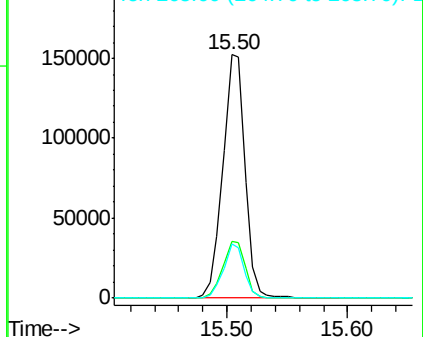
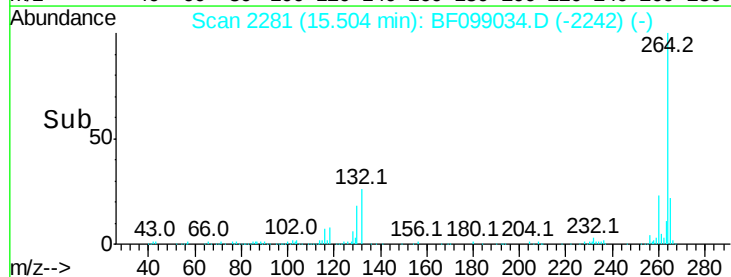
265 22.2 17.5 26.3

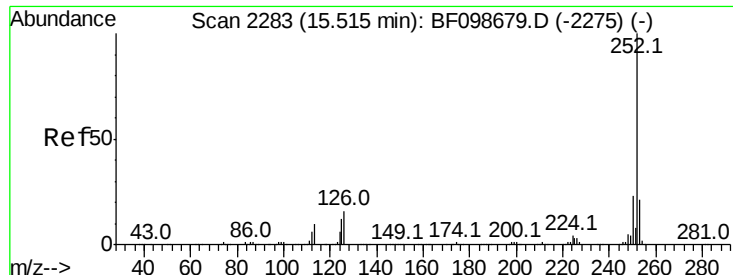


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#89

Benzo(a)pyrene

Concen: 0.065 ng

RT: 15.50 min Scan# 2281

Delta R.T. -0.01 min

Lab File: BF099034.D

Acq: 3 Oct 2017 16:26

Instrument :

BNA_F

ClientSampleId :

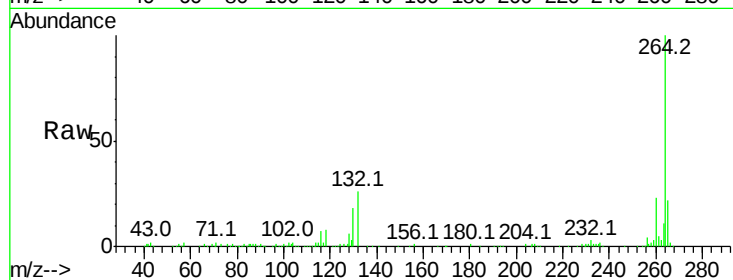
Tot Ion:252 Resp: 708

Ion Ratio Lower Upper

252 100

253 0.0 17.1 25.7#

125 0.0 9.8 14.6#



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

