

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF120517\
 Data File : BF101133.D
 Acq On : 5 Dec 2017 19:15
 Operator : SJ/JU
 Sample : I6709-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 06 00:23:10 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:07:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	47558	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	184711	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	81596	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	142175	20.00	ng	0.01
75) Chrysene-d12	14.02	240	99773	20.00	ng	0.00
86) Perylene-d12	15.49	264	105283	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	385062	133.79	ng	0.01
7) Phenol-d6	6.49	99	459553	131.52	ng	0.00
23) Nitrobenzene-d5	7.42	82	277078	89.48	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	111995	114.26	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	520605	87.29	ng	0.00
78) Terphenyl-d14	12.96	244	416353	91.27	ng	0.00

Target Compounds

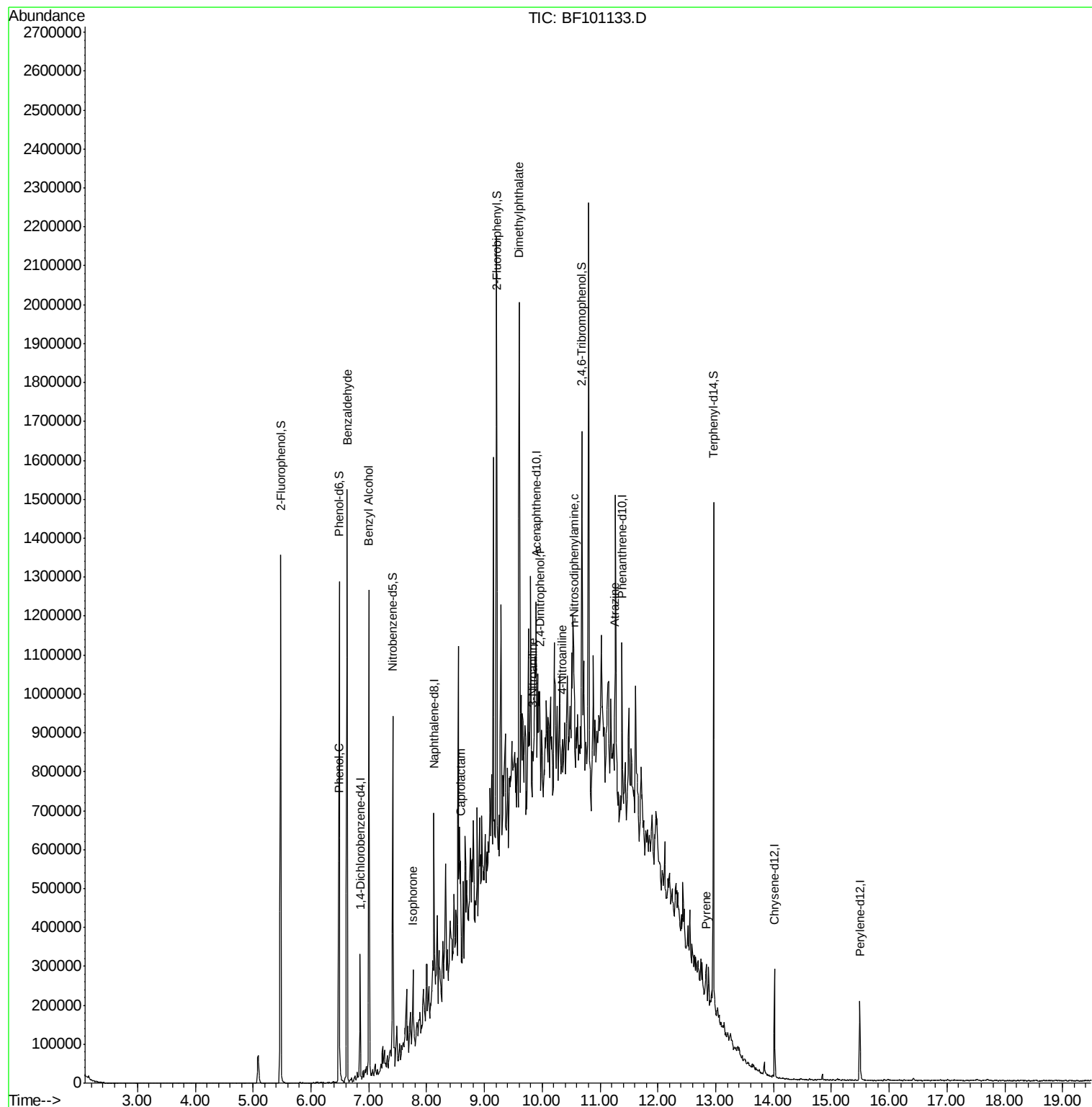
						Qvalue
9) Benzaldehyde	6.62	77	8782	4.106	ng	81
10) Phenol	6.50	94	12021	3.094	ng	95
15) Benzyl Alcohol	7.00	79	5569	2.064	ng	# 35
25) Isophorone	7.76	82	12714	2.404	ng	# 1
35) Caprolactam	8.58	113	3223	3.943	ng	# 1
49) Dimethylphthalate	9.60	163	70856	10.768	ng	# 80
52) 3-Nitroaniline	9.84	138	3256	2.089	ng	# 23
53) 2,4-Dinitrophenol	9.96	184	106	4.967	ng	# 1
61) 4-Nitroaniline	10.35	138	3702	2.288	ng	90
65) n-Nitrosodiphenylamine	10.55	169	91226	18.188	ng	# 46
68) Atrazine	11.25	200	5443	3.538	ng	78
77) Pyrene	12.82	202	15862	2.304	ng	# 89

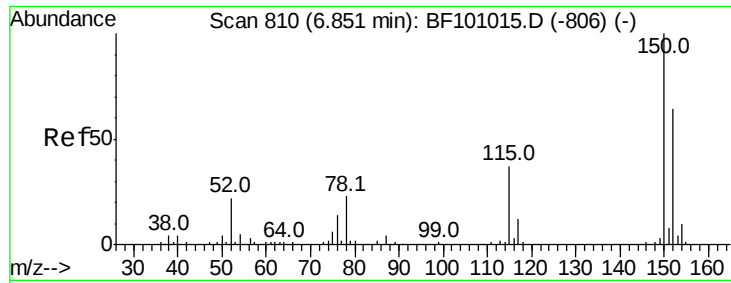
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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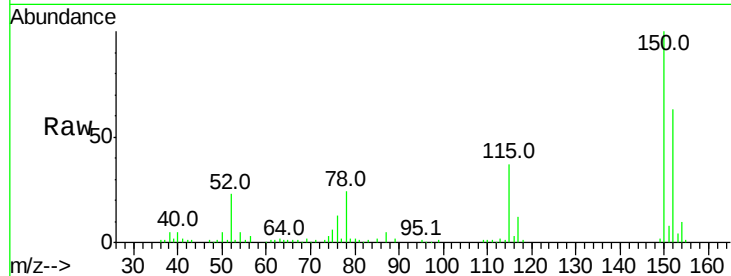




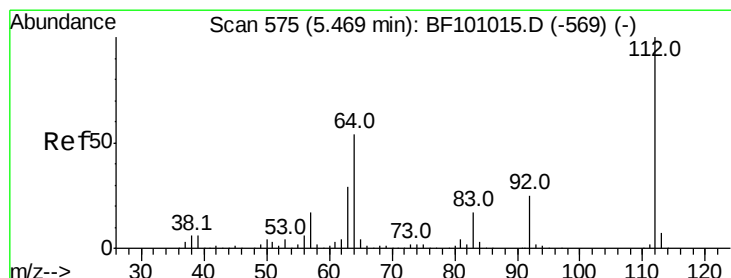
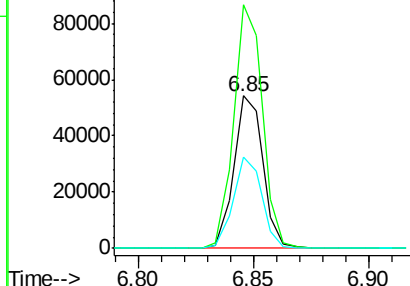
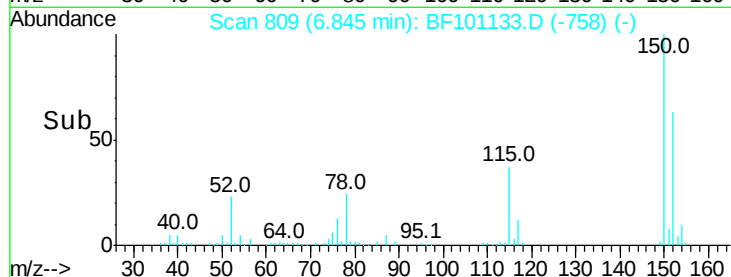
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 809
 Delta R.T. 0.00 min
 Lab File: BF101133.D
 Acq: 5 Dec 2017 19:15

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 47558
 Ion Ratio Lower Upper
 152 100
 150 159.7 124.6 186.8
 115 59.7 50.1 75.1

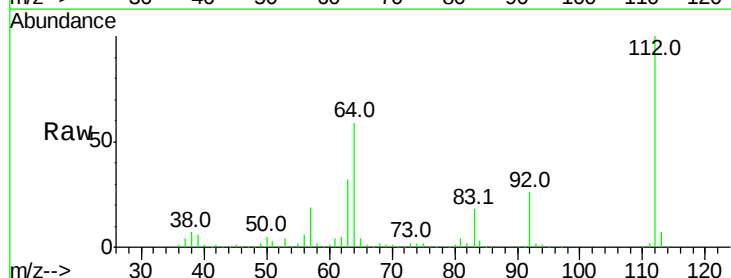


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

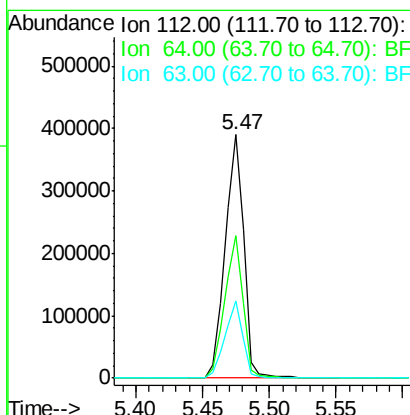
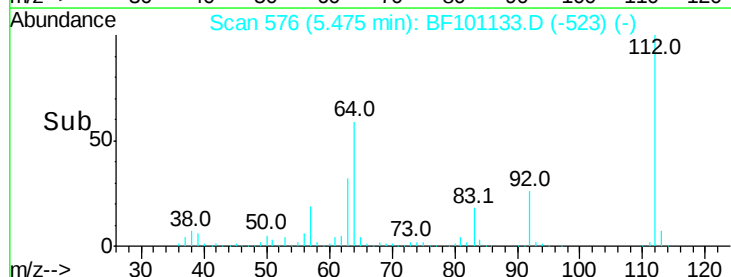


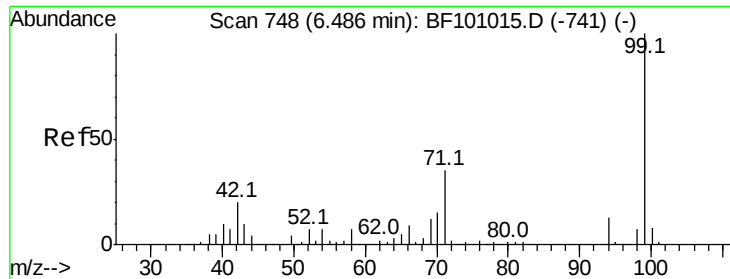
#5
 2-Fluorophenol
 Concen: 133.793 ng
 RT: 5.47 min Scan# 576
 Delta R.T. 0.01 min
 Lab File: BF101133.D
 Acq: 5 Dec 2017 19:15

Tgt Ion:112 Resp: 385062
 Ion Ratio Lower Upper
 112 100
 64 58.7 47.9 71.9
 63 31.6 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 131.518 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF101133.D

Acq: 5 Dec 2017 19:15

Instrument :

BNA_F

ClientSampled :

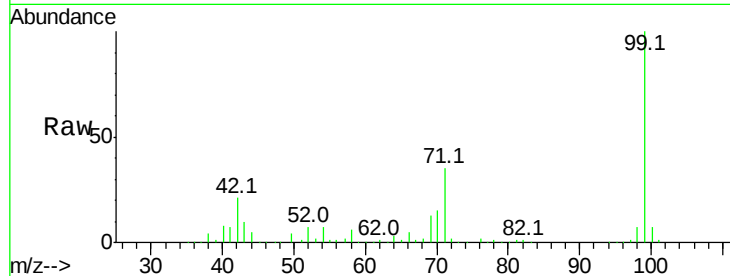
Tot Ion: 99 Resp: 459553

Ion Ratio Lower Upper

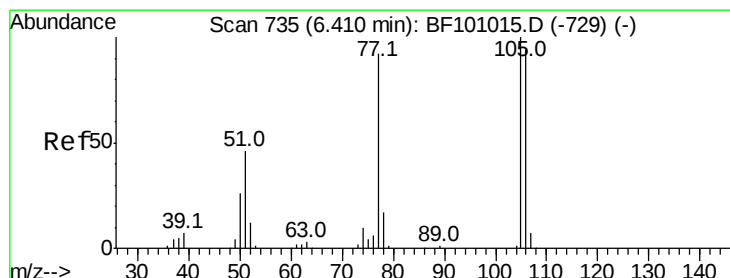
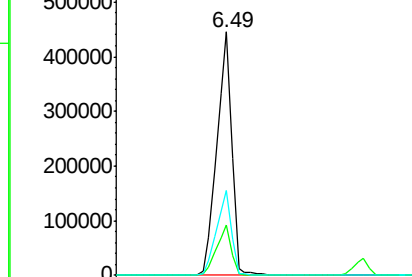
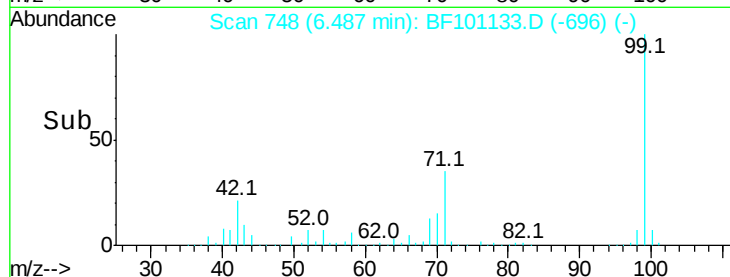
99 100

42 20.7 14.5 21.7

71 34.7 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#9

Benzaldehyde

Concen: 4.106 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.22 min

Lab File: BF101133.D

Acq: 5 Dec 2017 19:15

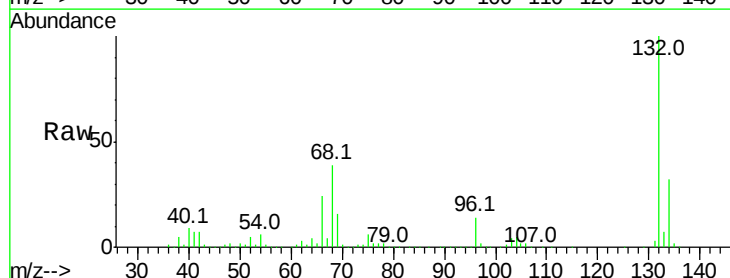
Tgt Ion: 77 Resp: 8782

Ion Ratio Lower Upper

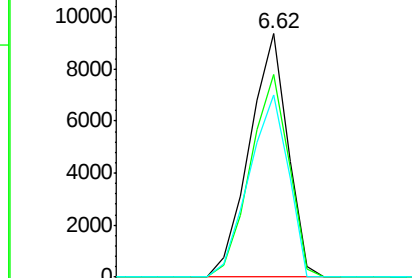
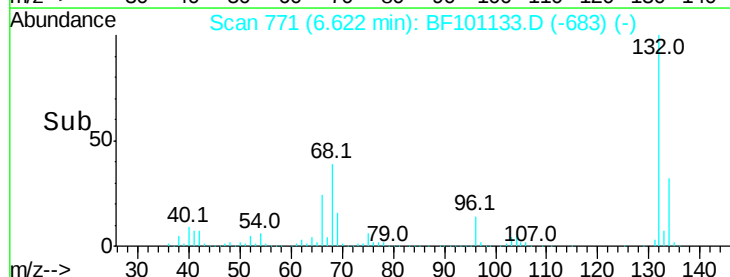
77 100

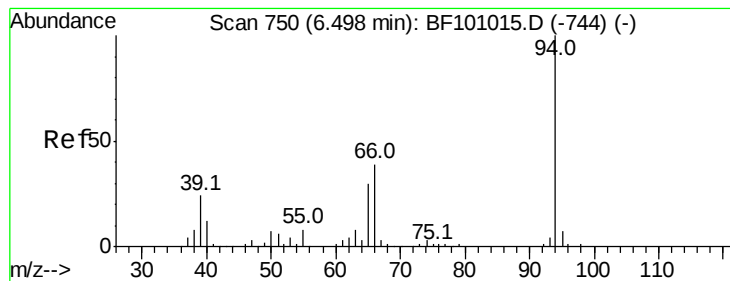
105 83.3 81.1 121.1

106 74.7 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1





#10

Phenol

Concen: 3.094 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF101133.D

Acq: 5 Dec 2017 19:15

Instrument :

BNA_F

ClientSampled :

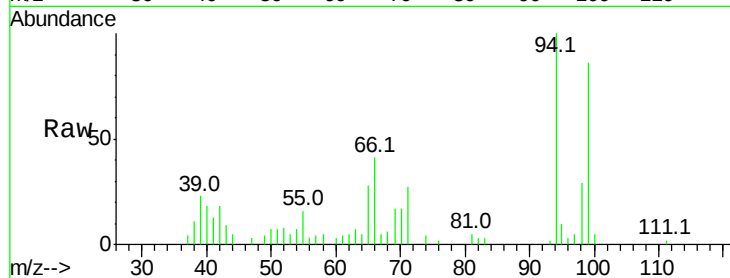
Tot Ion: 94 Resp: 12021

Ion Ratio Lower Upper

94 100

65 28.3 7.9 47.9

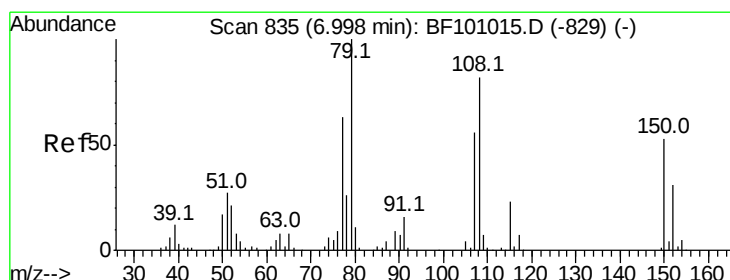
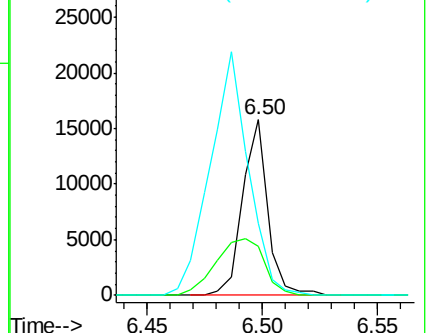
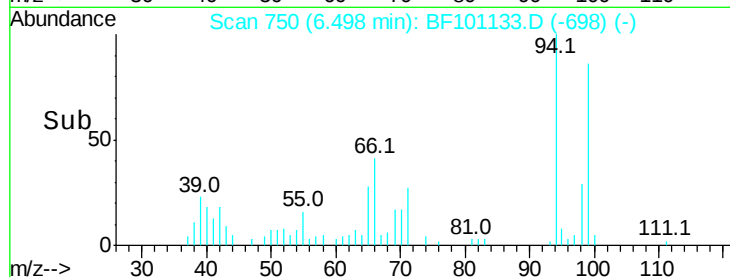
66 41.4 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



#15

Benzyl Alcohol

Concen: 2.064 ng

RT: 7.00 min Scan# 836

Delta R.T. 0.01 min

Lab File: BF101133.D

Acq: 5 Dec 2017 19:15

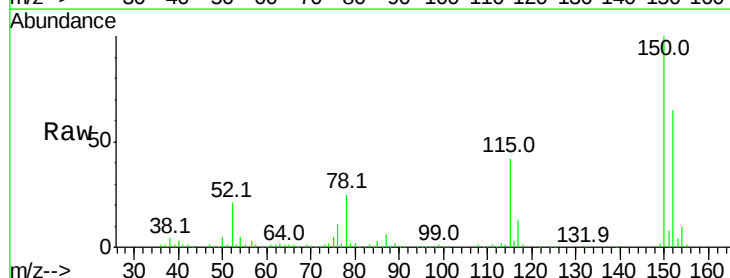
Tgt Ion: 79 Resp: 5569

Ion Ratio Lower Upper

79 100

108 31.0 65.1 97.7#

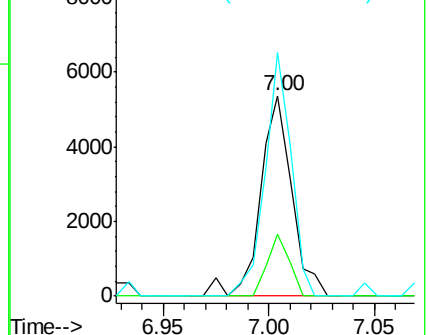
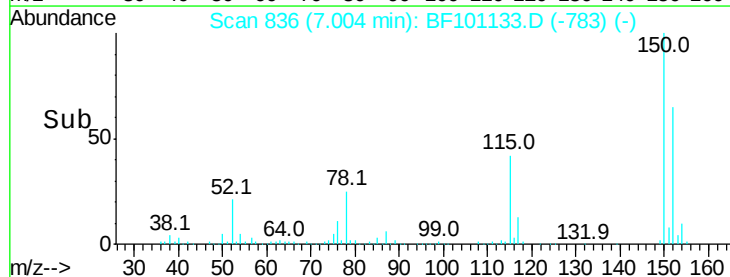
77 121.7 50.6 75.8#

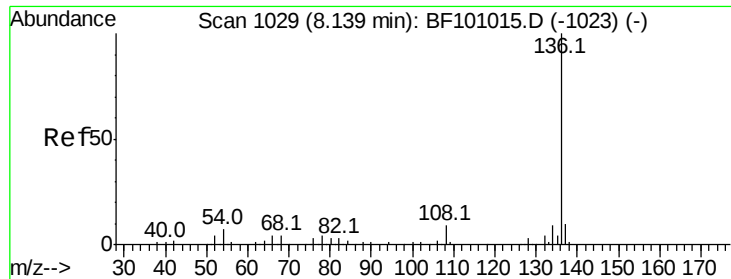


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

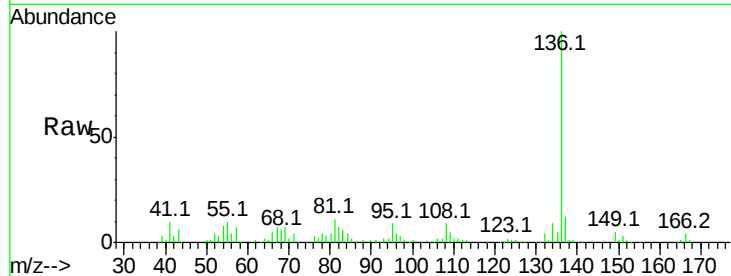




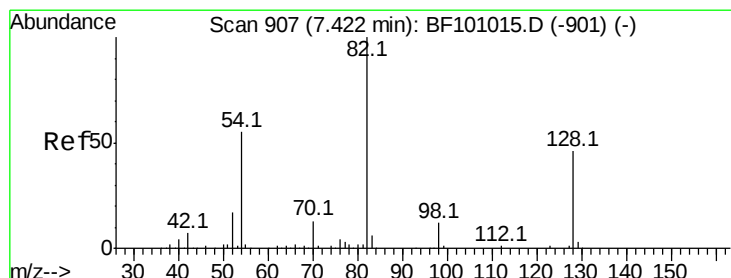
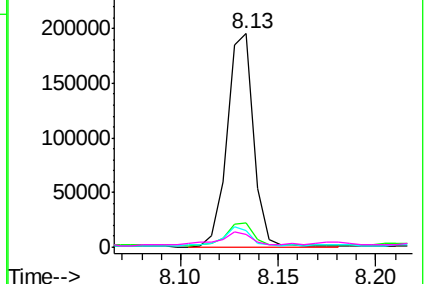
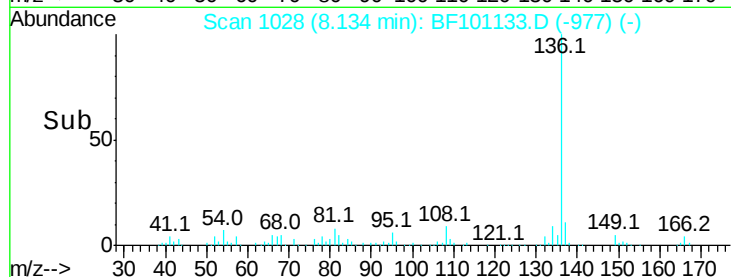
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF101133.D
Acq: 5 Dec 2017 19:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	184711
Ion Ratio	Lower	Upper
136	100	
137	11.6	8.9 13.3
54	7.6	6.6 9.8
68	5.9	5.0 7.4

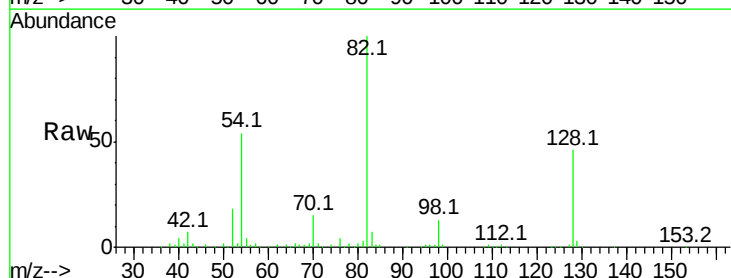


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

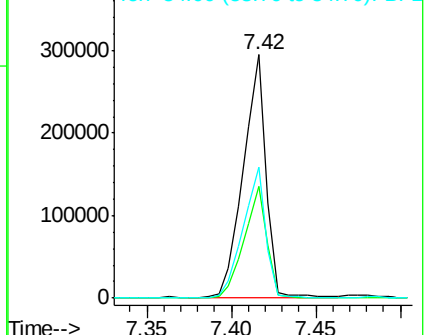
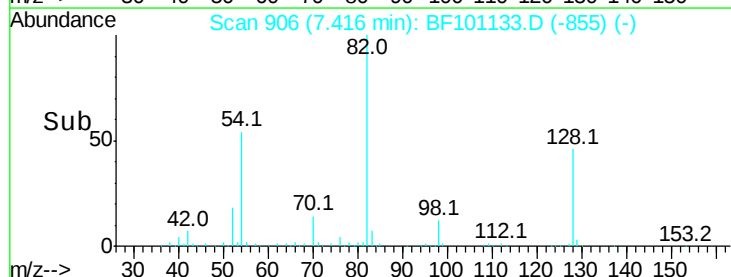


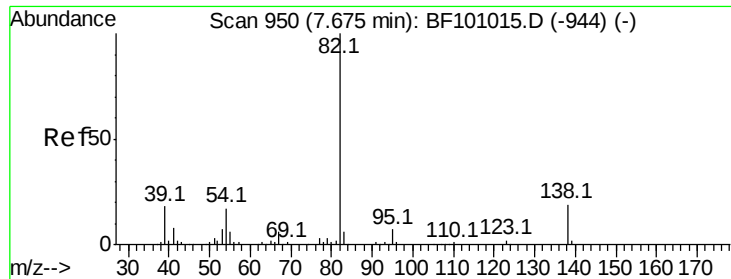
#23
Nitrobenzene-d5
Concen: 89.483 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF101133.D
Acq: 5 Dec 2017 19:15

Tgt Ion: 82	Resp:	277078
Ion Ratio	Lower	Upper
82	100	
128	45.7	36.1 54.1
54	53.7	41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 2.404 ng

RT: 7.76 min Scan# 965

Delta R.T. 0.09 min

Lab File: BF101133.D

Acq: 5 Dec 2017 19:15

Instrument :

BNA_F

ClientSampled :

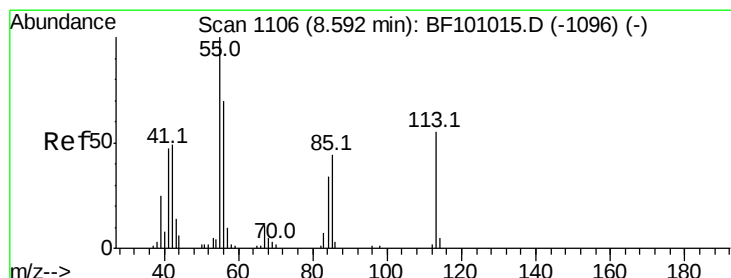
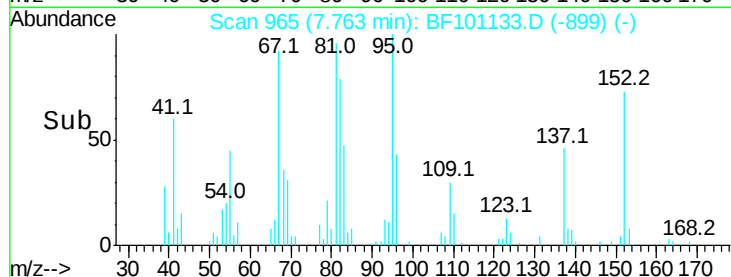
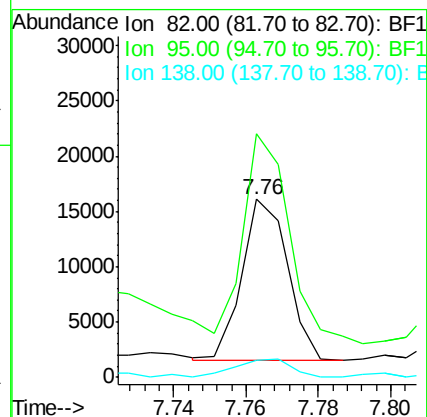
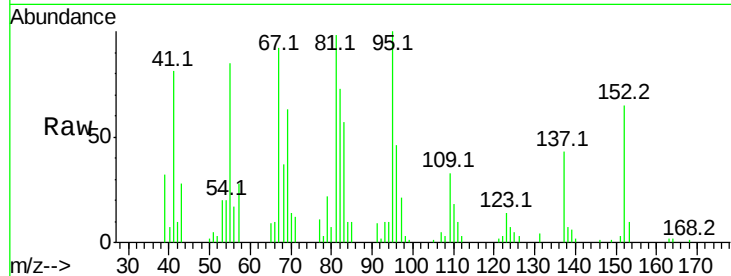
Tot Ion: 82 Resp: 12714

Ion Ratio Lower Upper

82 100

95 136.6 5.2 7.8#

138 9.3 14.9 22.3#



#35

Caprolactam

Concen: 3.943 ng

RT: 8.58 min Scan# 1104

Delta R.T. -0.01 min

Lab File: BF101133.D

Acq: 5 Dec 2017 19:15

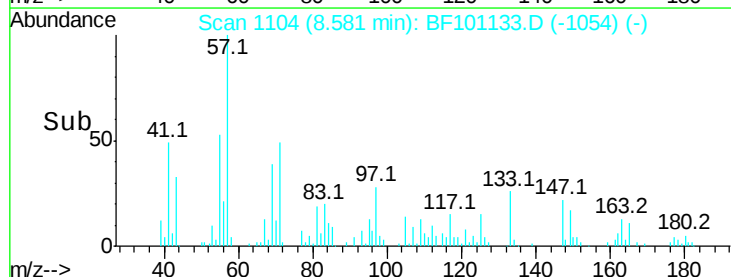
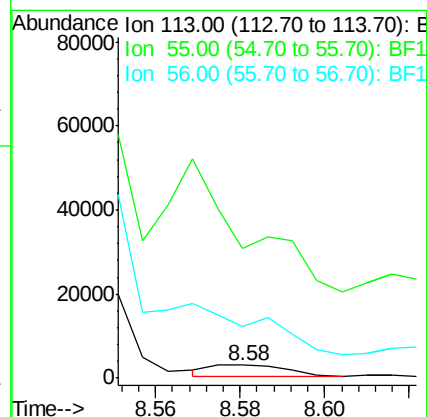
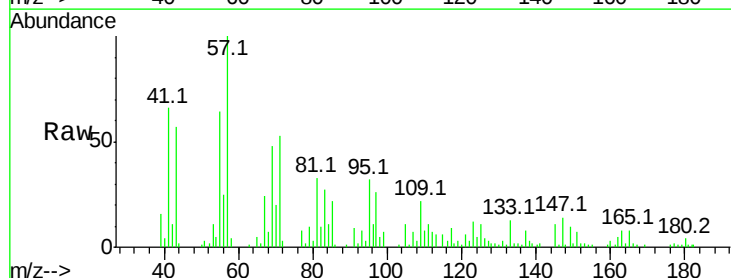
Tgt Ion: 113 Resp: 3223

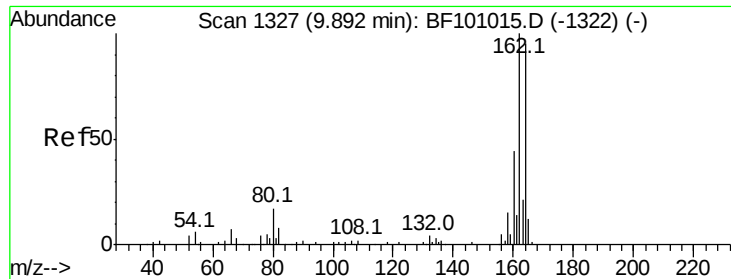
Ion Ratio Lower Upper

113 100

55 1003.8 163.3 203.3#

56 402.1 115.7 155.7#

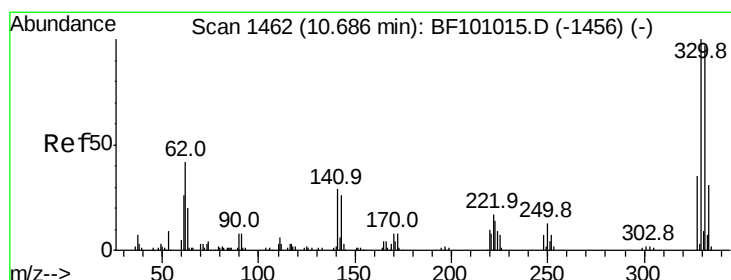
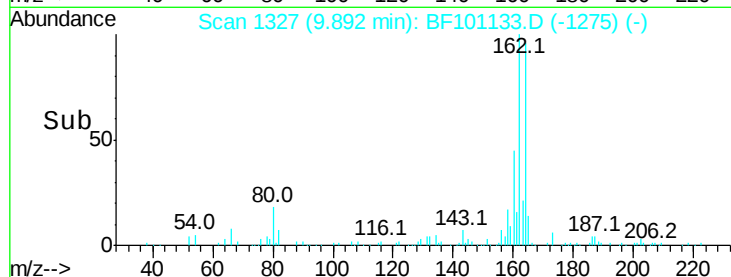
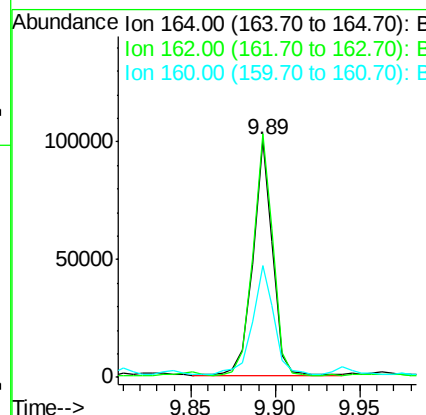
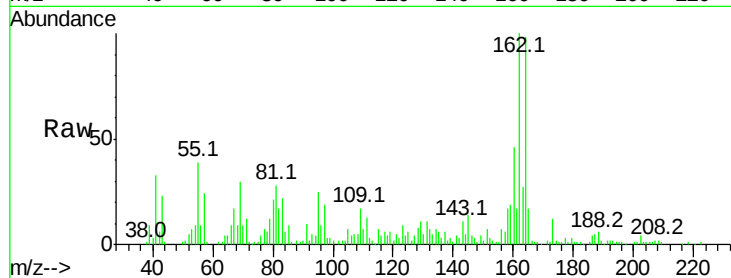




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.01 min
 Lab File: BF101133.D
 Acq: 5 Dec 2017 19:15

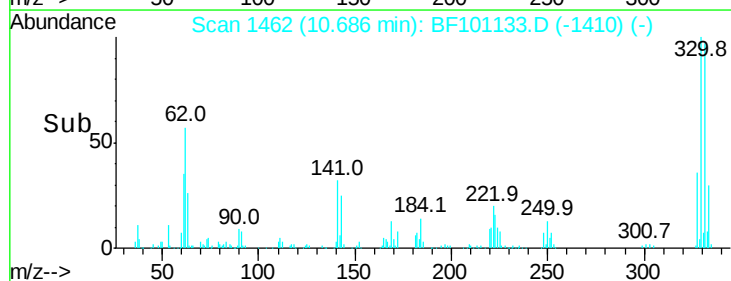
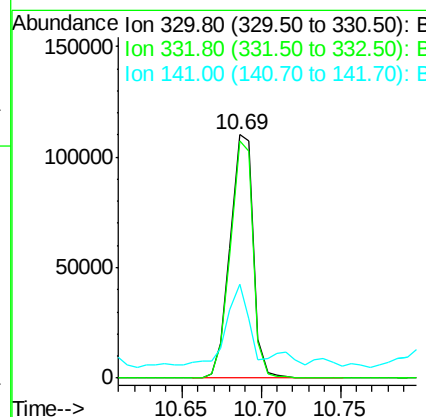
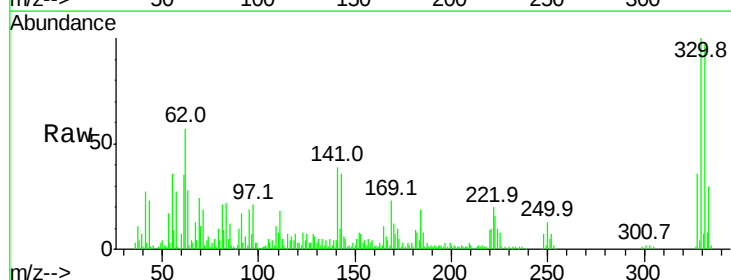
Instrument :
 BNA_F
 ClientSampleId :

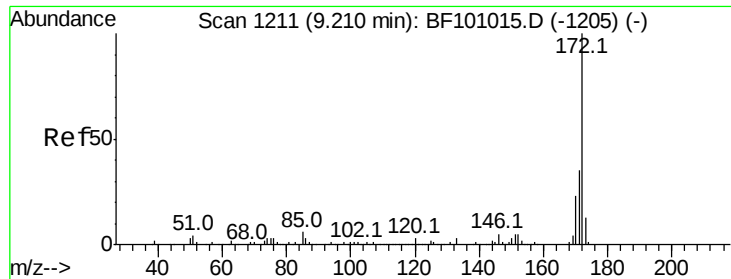
Tot Ion:164 Resp: 81596
 Ion Ratio Lower Upper
 164 100
 162 102.4 86.1 129.1
 160 47.1 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 114.257 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. 0.01 min
 Lab File: BF101133.D
 Acq: 5 Dec 2017 19:15

Tgt Ion:330 Resp: 111995
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 33.1 29.9 44.9

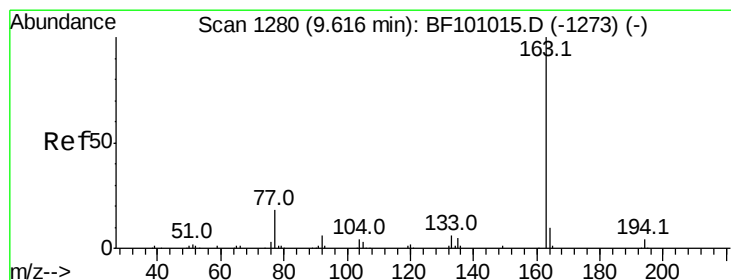
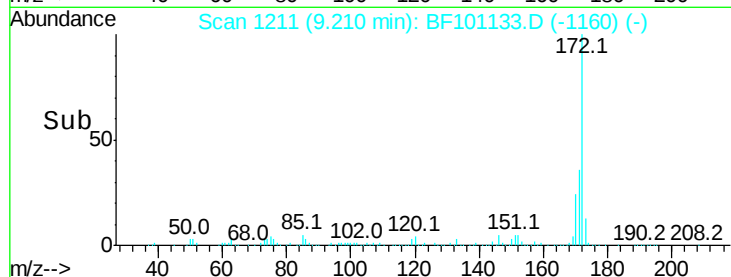
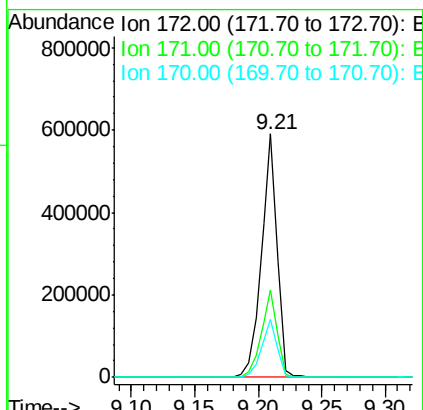
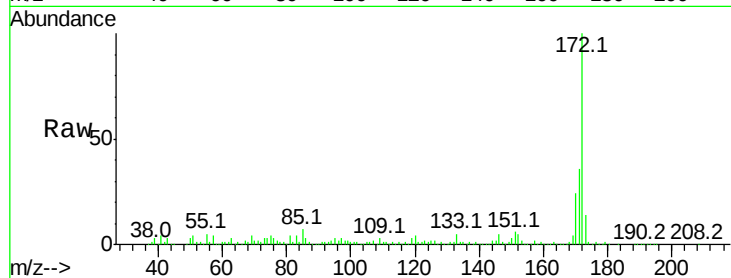




#44
2-Fluorobiphenyl
Concen: 87.295 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF101133.D
Acq: 5 Dec 2017 19:15

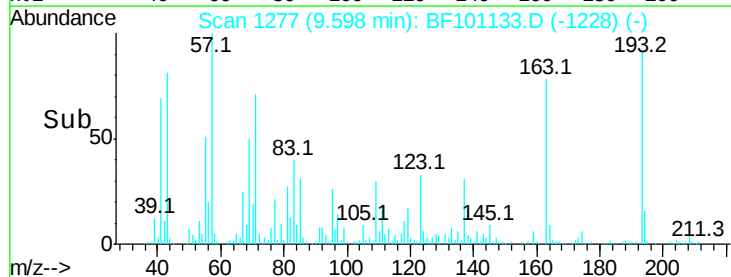
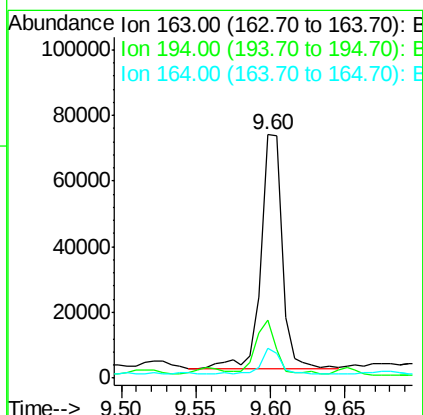
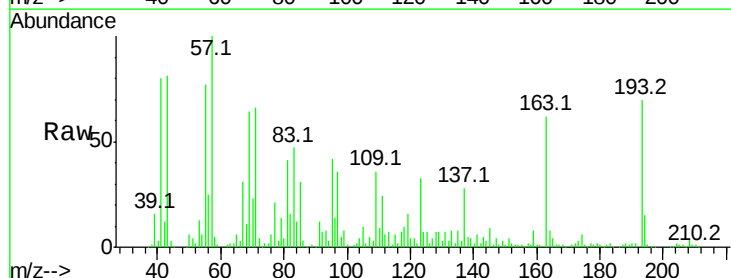
Instrument :
BNA_F
ClientSampleId :

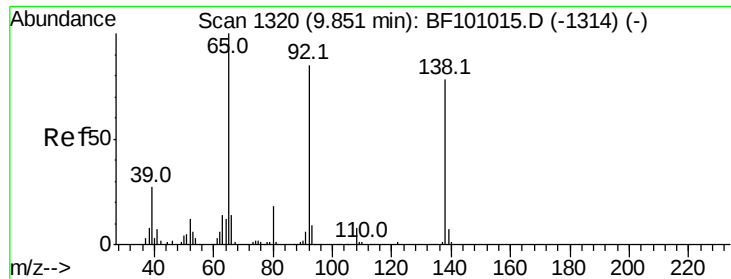
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	23.7	19.6	29.4



#49
Dimethylphthalate
Concen: 10.768 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF101133.D
Acq: 5 Dec 2017 19:15

Tgt Ion	Ratio	Lower	Upper
163	100		
194	23.7	2.7	4.1#
164	12.3	8.2	12.2#

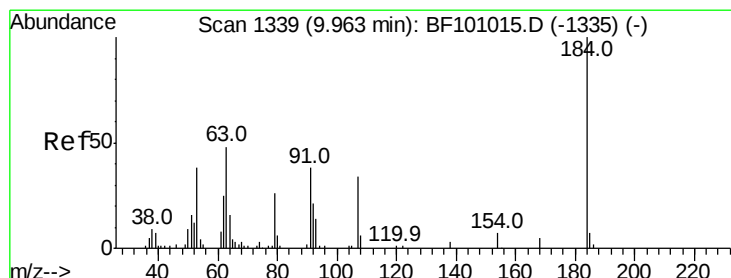
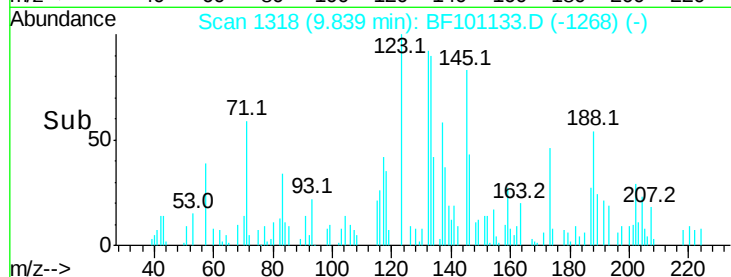
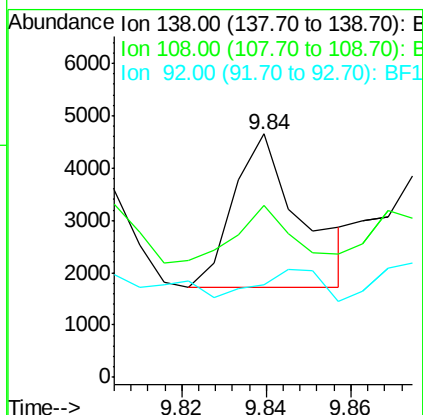
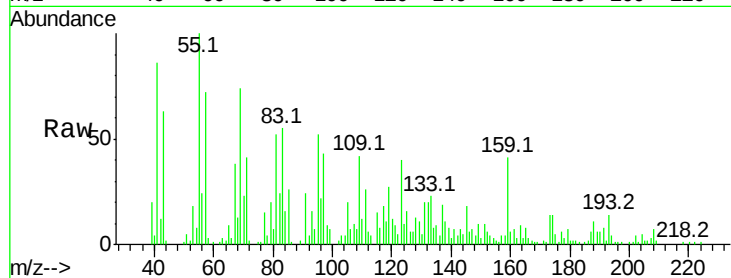




#52
3-Nitroaniline
Concen: 2.089 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF101133.D
Acq: 5 Dec 2017 19:15

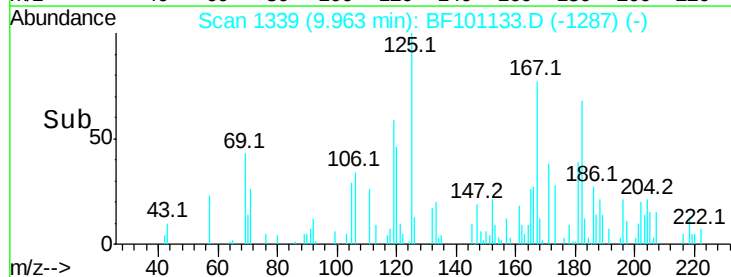
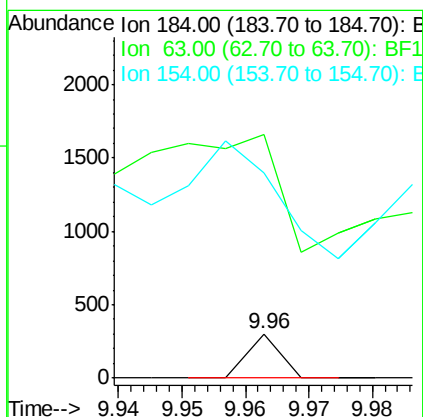
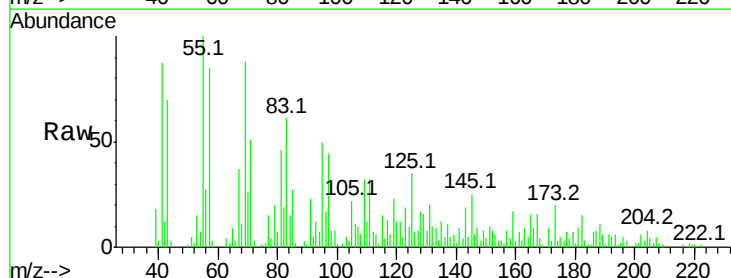
Instrument :
BNA_F
ClientSampleId :

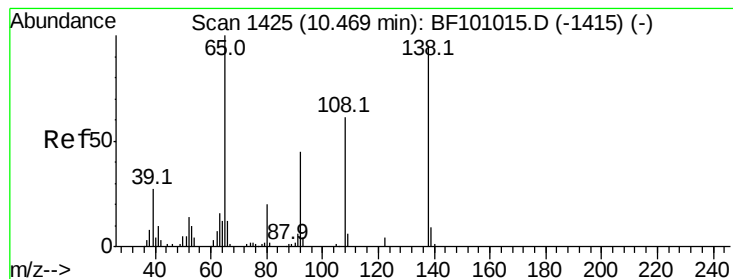
Tot Ion:138 Resp: 3256
Ion Ratio Lower Upper
138 100
108 70.5 9.4 14.0#
92 38.2 89.4 134.2#



#53
2,4-Dinitrophenol
Concen: 4.967 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF101133.D
Acq: 5 Dec 2017 19:15

Tgt Ion:184 Resp: 106
Ion Ratio Lower Upper
184 100
63 551.2 54.2 81.2#
154 464.8 184.0 276.0#

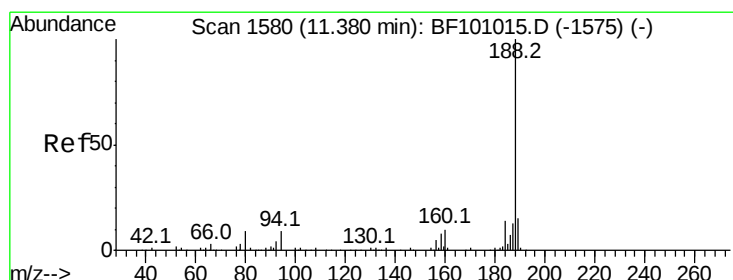
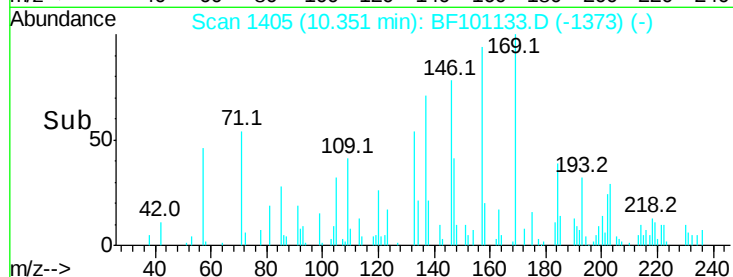
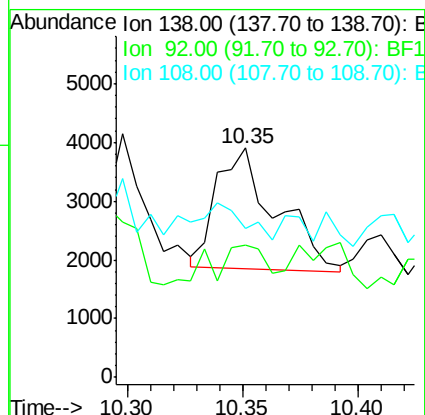
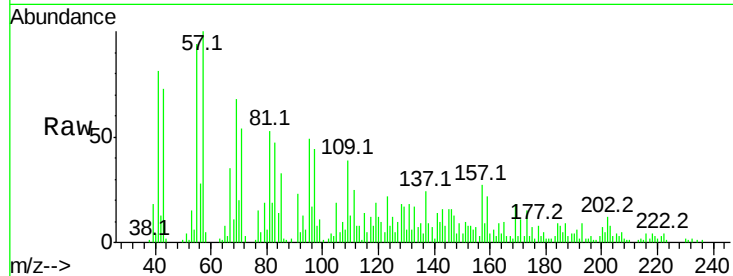




#61
4-Nitroaniline
Concen: 2.288 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.11 min
Lab File: BF101133.D
Acq: 5 Dec 2017 19:15

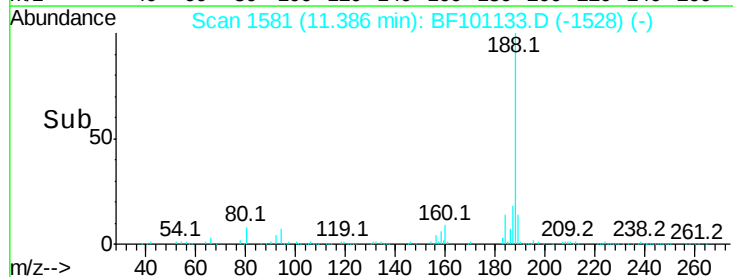
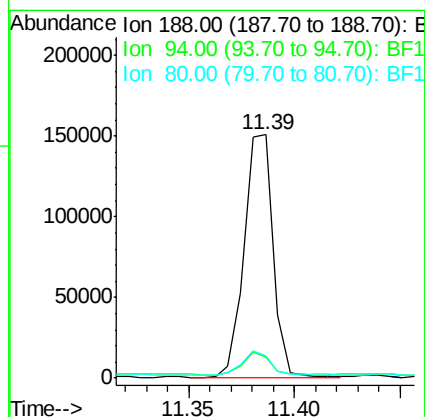
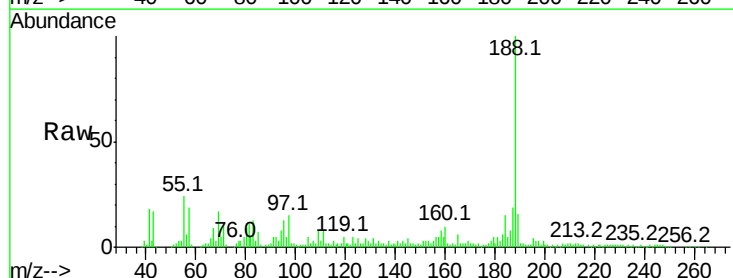
Instrument :
BNA_F
ClientSampleId :

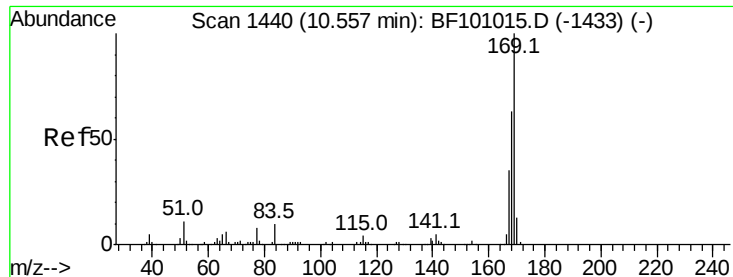
Tot Ion:138 Resp: 3702
Ion Ratio Lower Upper
138 100
92 58.1 30.2 70.2
108 65.3 52.5 92.5



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. 0.01 min
Lab File: BF101133.D
Acq: 5 Dec 2017 19:15

Tgt Ion:188 Resp: 142175
Ion Ratio Lower Upper
188 100
94 8.3 8.5 12.7#
80 9.1 9.2 13.8#





#65

n-Nitrosodiphenylamine

Concen: 18.188 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BF101133.D

Acq: 5 Dec 2017 19:15

Instrument :

BNA_F

ClientSampleId :

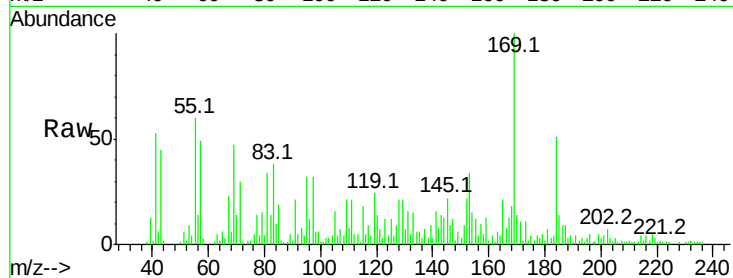
Tot Ion:169 Resp: 91226

Ion Ratio Lower Upper

169 100

168 17.9 54.4 81.6#

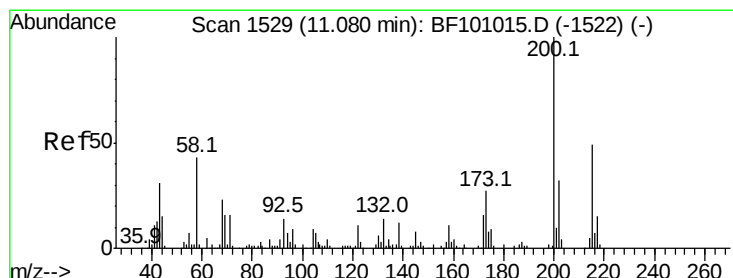
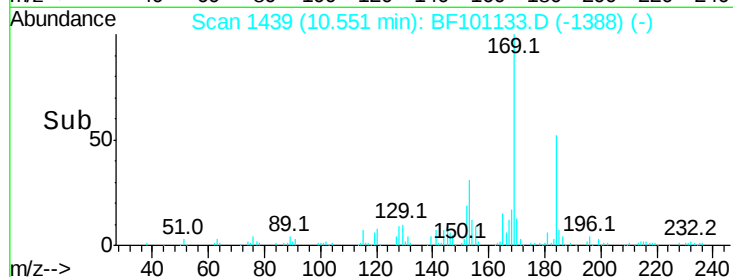
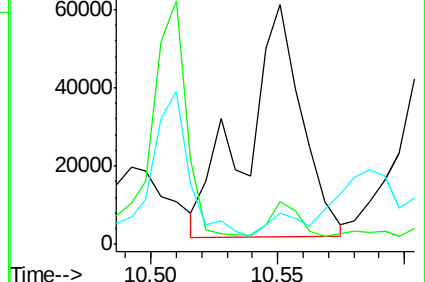
167 13.1 29.8 44.6#



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



#68

Atrazine

Concen: 3.538 ng

RT: 11.25 min Scan# 1558

Delta R.T. 0.18 min

Lab File: BF101133.D

Acq: 5 Dec 2017 19:15

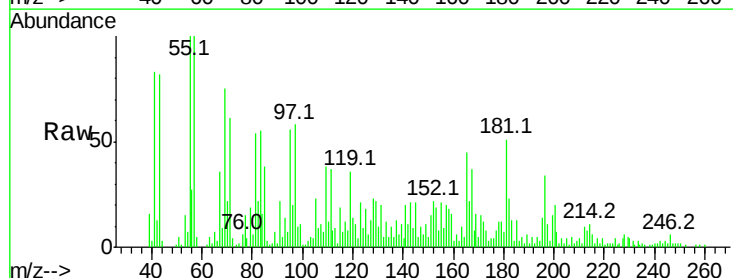
Tgt Ion:200 Resp: 5443

Ion Ratio Lower Upper

200 100

173 39.4 8.6 48.6

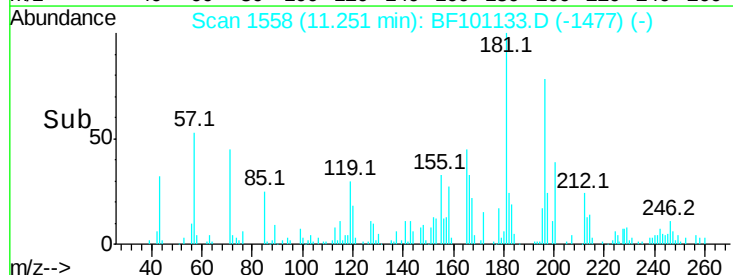
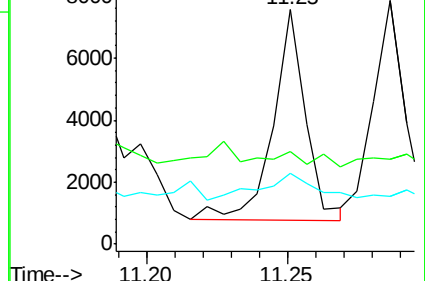
215 30.3 25.1 65.1

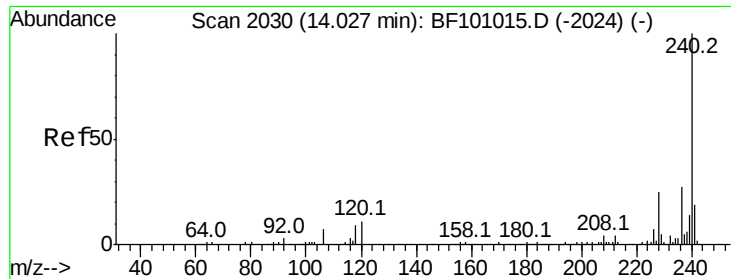


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

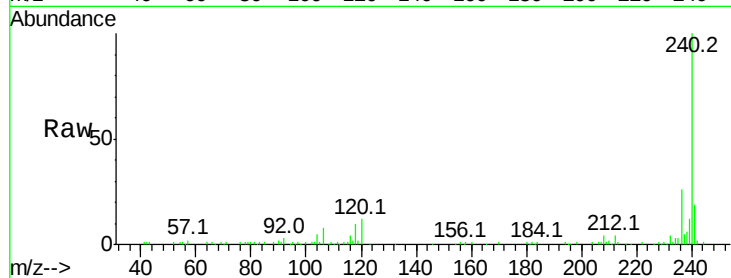




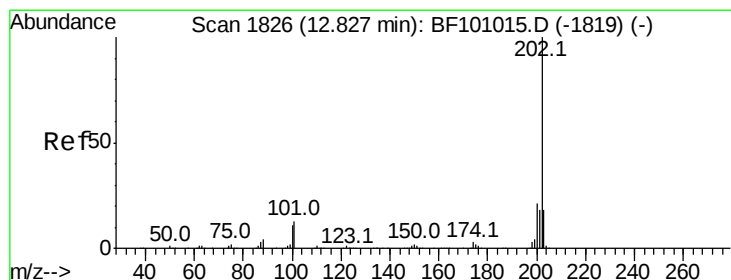
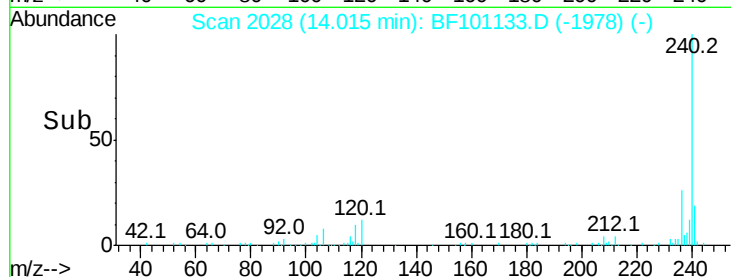
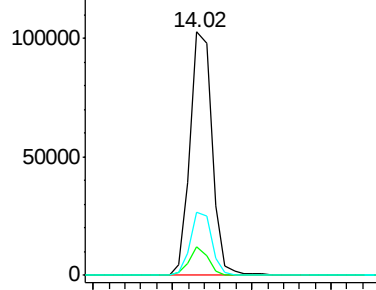
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF101133.D
Acq: 5 Dec 2017 19:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:240 Resp: 99773
Ion Ratio Lower Upper
240 100
120 11.6 9.5 14.3
236 25.7 20.7 31.1

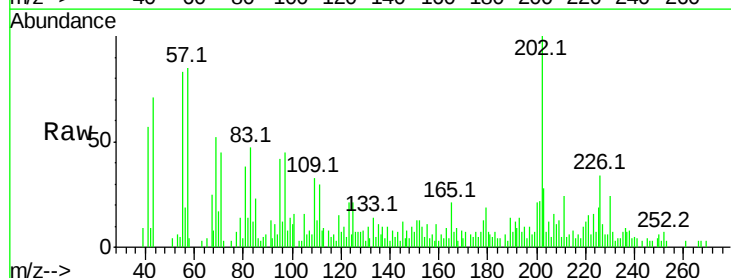


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

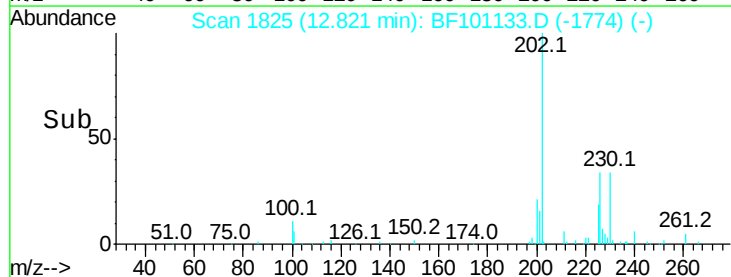
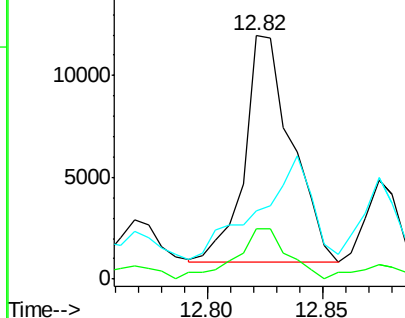


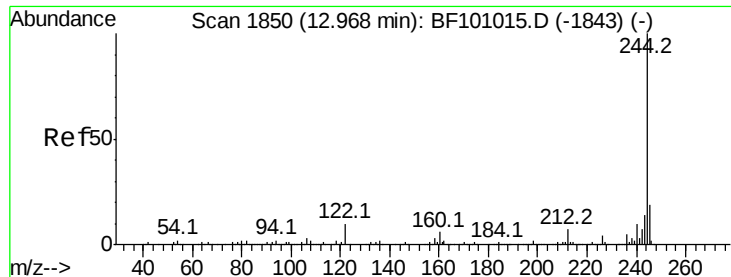
#77
Pyrene
Concen: 2.304 ng
RT: 12.82 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BF101133.D
Acq: 5 Dec 2017 19:15

Tgt Ion:202 Resp: 15862
Ion Ratio Lower Upper
202 100
200 20.9 17.4 26.2
203 28.0 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

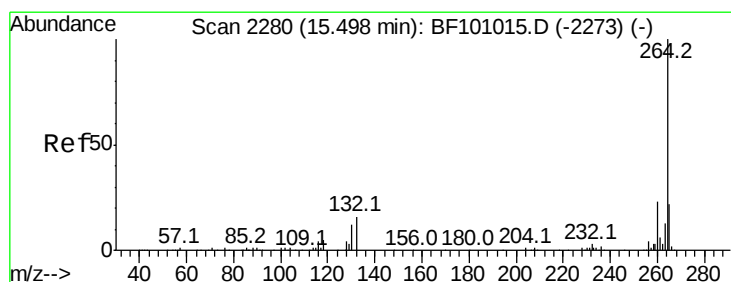
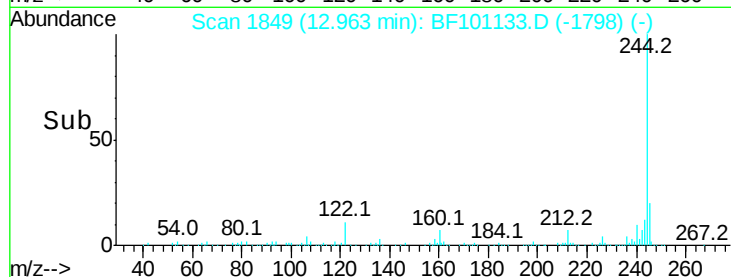
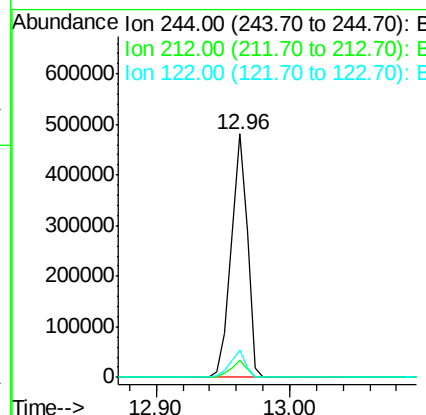
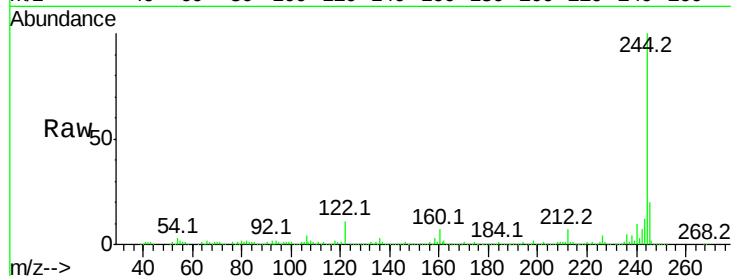




#78
 Terphenyl-d14
 Concen: 91.275 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. 0.00 min
 Lab File: BF101133.D
 Acq: 5 Dec 2017 19:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 416353
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.0
 122 11.0 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: BF101133.D
 Acq: 5 Dec 2017 19:15

Tgt Ion:264 Resp: 105283
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 22.4 17.5 26.3

