

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041918\
 Data File : BF104620.D
 Acq On : 19 Apr 2018 10:19
 Operator : JU/SJ
 Sample : J2397-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 19 14:44:39 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 14:44:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	110931	20.00	ng	0.02
21) Naphthalene-d8	8.10	136	314620	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	162994	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	259368	20.00	ng	0.02
75) Chrysene-d12	14.01	240	244889	20.00	ng	0.02
86) Perylene-d12	15.46	264	236370	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	421	0.06	ng	0.01
7) Phenol-d6	6.70	99	192575	21.60	ng	0.25
23) Nitrobenzene-d5	7.41	82	617837	128.23	ng	0.03
41) 2,4,6-Tribromophenol	10.66	330	121005	71.57	ng	0.02
44) 2-Fluorobiphenyl	9.17	172	775172	75.13	ng	0.00
78) Terphenyl-d14	12.96	244	807805	75.20	ng	0.04

Target Compounds

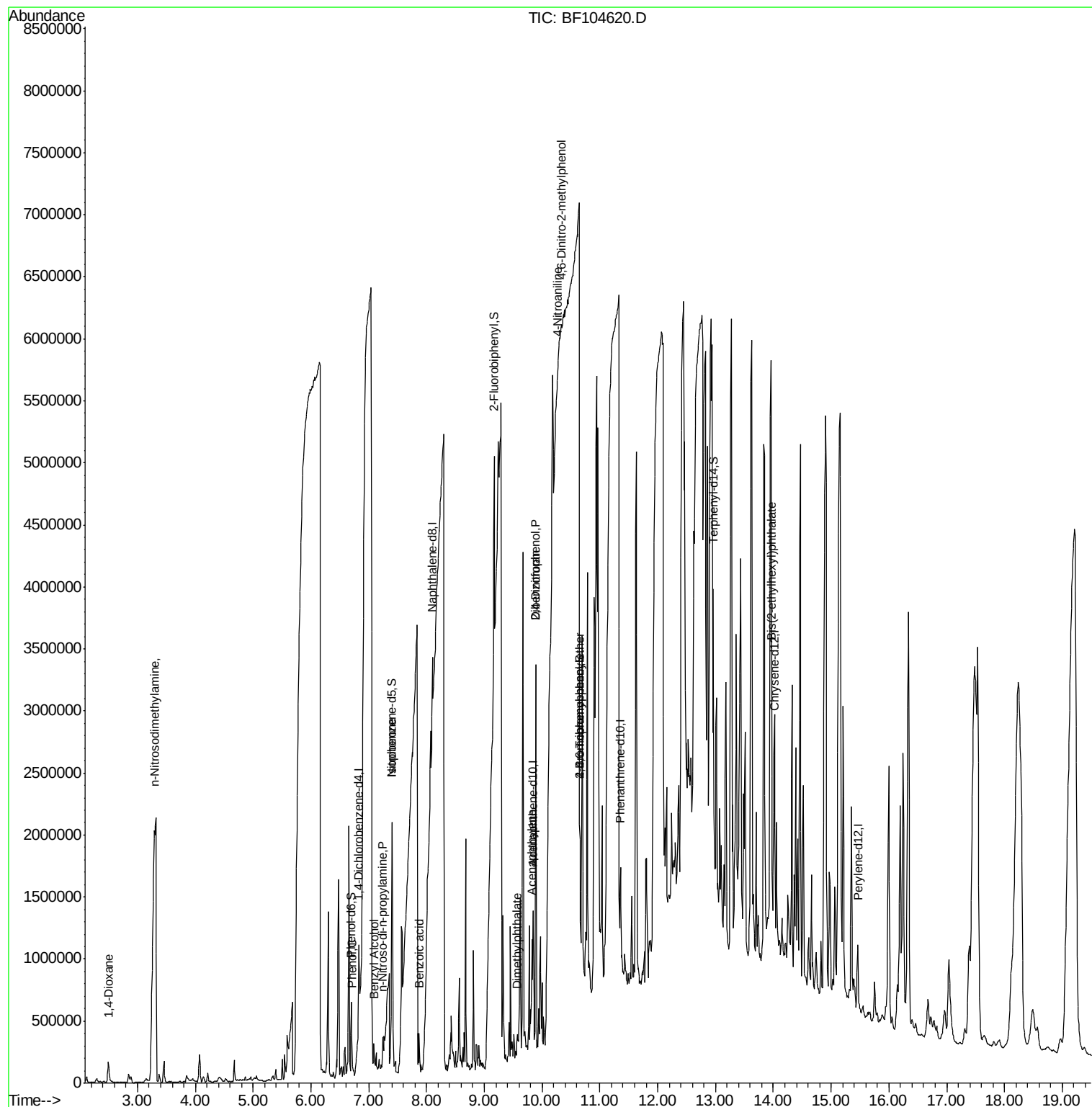
						Qvalue
2) 1,4-Dioxane	2.49	88	14692	4.346	ng	# 1
4) n-Nitrosodimethylamine	3.29	42	72520	21.828	ng	# 1
9) Benzaldehyde	6.36	77	471	Below Cal		# 40
10) Phenol	6.71	94	22561	2.385	ng	97
15) Benzyl Alcohol	7.09	79	15131	2.235	ng	94
19) n-Nitroso-di-n-propylamine	7.25	70	20707	3.555	ng	# 71
25) Isophorone	7.41	82	617108	60.567	ng	# 64
32) Benzoic acid	7.87	122	7201	2.007	ng	# 27
48) Acenaphthylene	9.83	152	41922	2.470	ng	# 47
49) Dimethylphthalate	9.57	163	56633	4.406	ng	100
53) 2,4-Dinitrophenol	9.89	184	5448	13.057	ng	# 1
54) Dibenzofuran	9.89	168	72962	5.057	ng	# 61
61) 4-Nitroaniline	10.26	138	40187	14.761	ng	# 25
64) 4,6-Dinitro-2-methylphenol	10.33	198	147	7.446	ng	# 1
66) 4-Bromophenyl-phenylether	10.65	248	7803	2.828	ng	# 1
76) Benzidine	12.61	184	982	Below Cal		# 1
83) Bis(2-ethylhexyl)phthalate	13.97	149	140736	12.795	ng	100

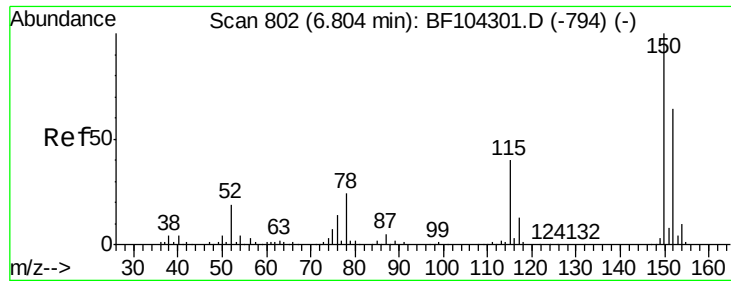
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041918\
Data File : BF104620.D
Acq On : 19 Apr 2018 10:19
Operator : JU/SJ
Sample : J2397-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 19 14:44:39 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 19 14:44:03 2018
Response via : Initial Calibration



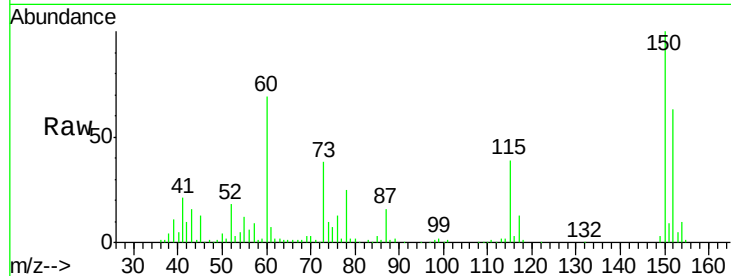


#1

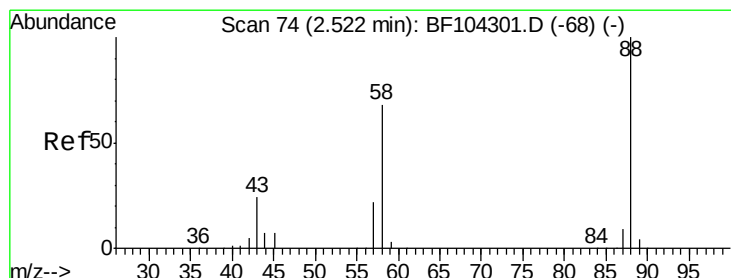
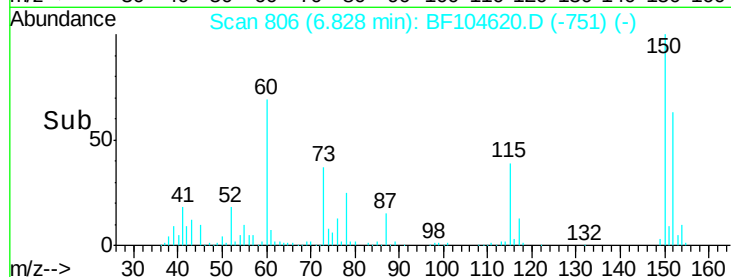
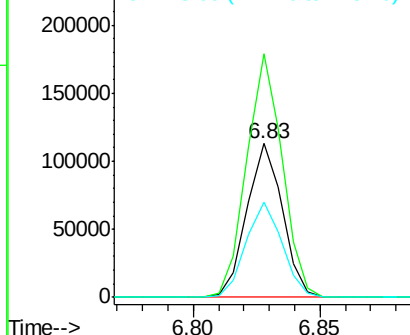
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.02 min
Lab File: BF104620.D
Acq: 19 Apr 2018 10:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 110931
Ion Ratio Lower Upper
152 100
150 158.6 124.6 186.8
115 62.3 50.1 75.1



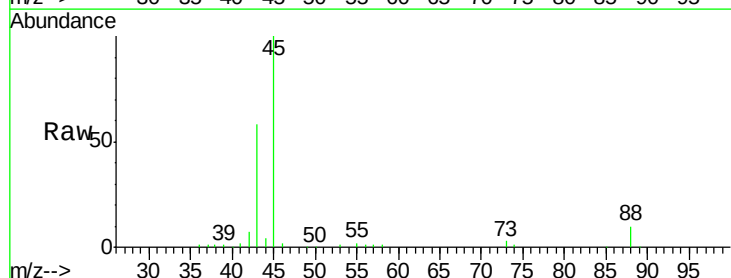
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



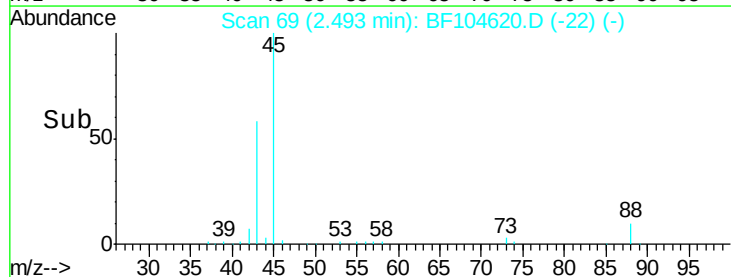
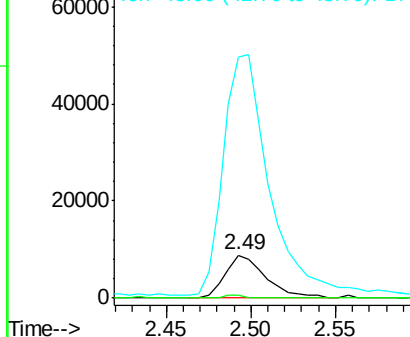
#2

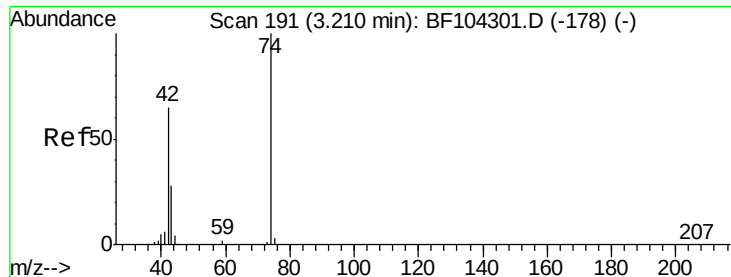
1,4-Dioxane
Concen: 4.346 ng
RT: 2.49 min Scan# 69
Delta R.T. -0.02 min
Lab File: BF104620.D
Acq: 19 Apr 2018 10:19

Tgt Ion: 88 Resp: 14692
Ion Ratio Lower Upper
88 100
58 3.0 62.6 93.8#
43 650.9 24.6 37.0#



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1



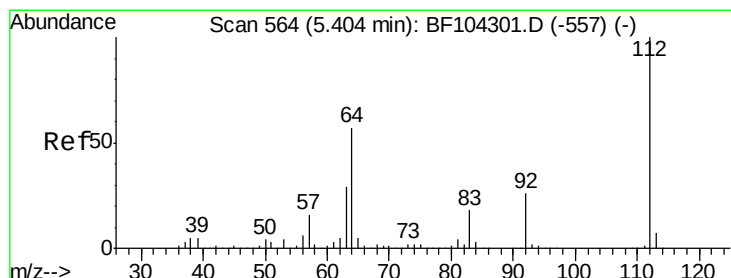
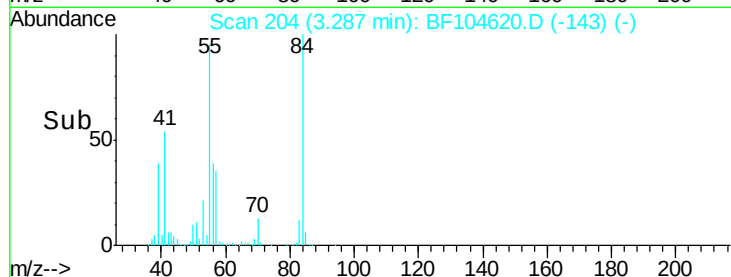
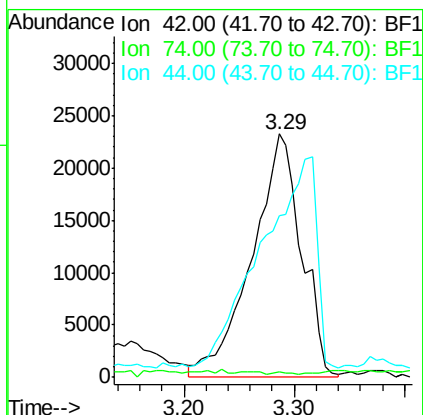
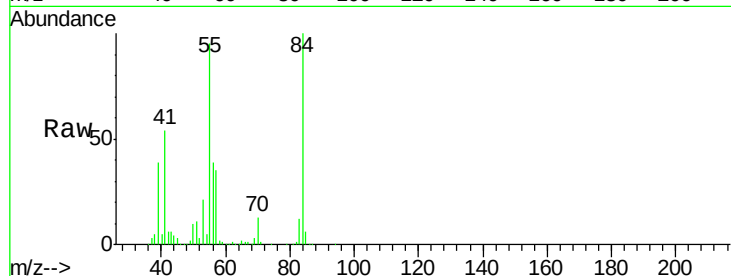


#4

n-Nitrosodimethylamine
 Concen: 21.828 ng
 RT: 3.29 min Scan# 204
 Delta R.T. 0.06 min
 Lab File: BF104620.D
 Acq: 19 Apr 2018 10:19

Instrument :
 BNA_F
 ClientSampleId :

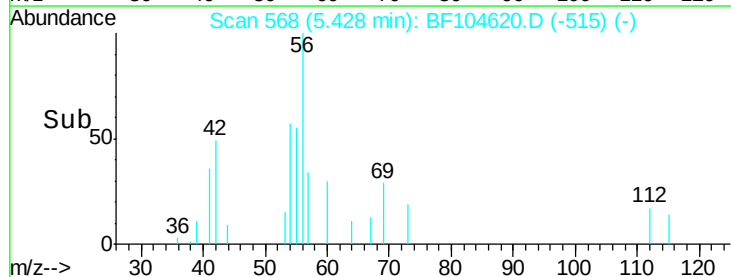
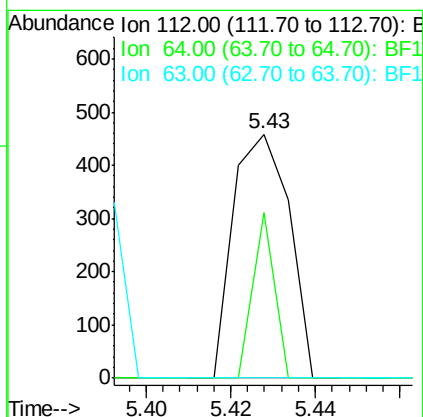
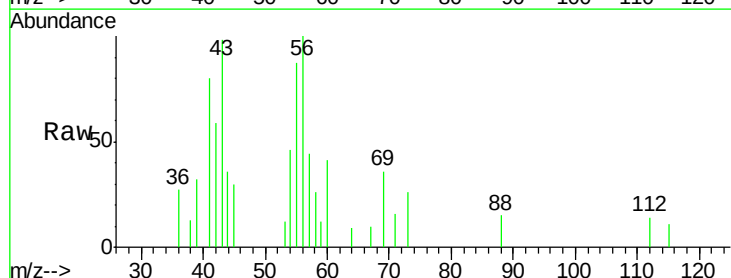
Tot Ion: 42 Resp: 72520
 Ion Ratio Lower Upper
 42 100
 74 2.3 104.9 157.3#
 44 66.6 6.9 10.3#

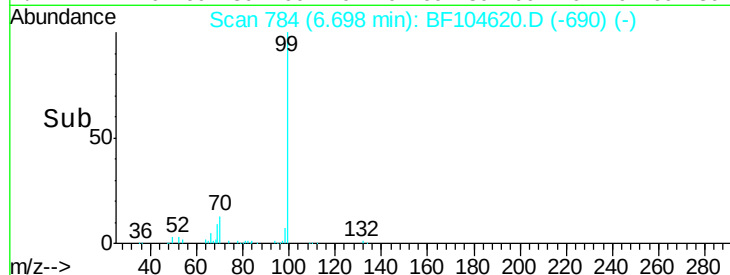
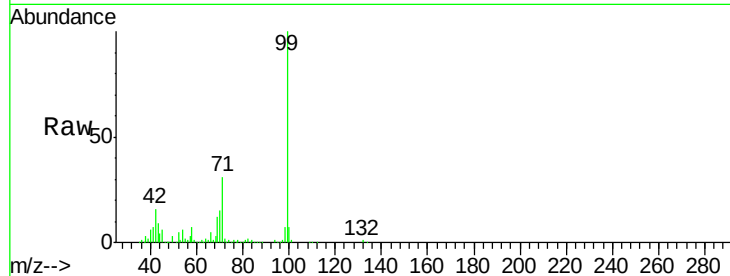
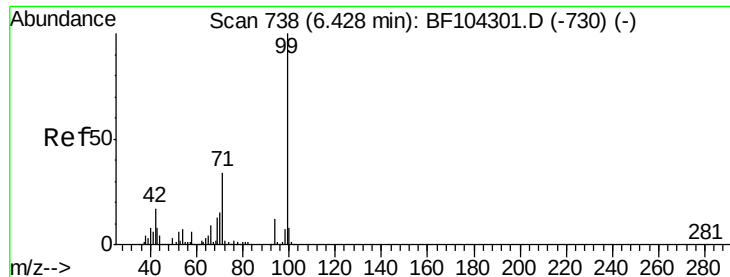


#5

2-Fluorophenol
 Concen: 0.058 ng
 RT: 5.43 min Scan# 568
 Delta R.T. 0.01 min
 Lab File: BF104620.D
 Acq: 19 Apr 2018 10:19

Tgt Ion: 112 Resp: 421
 Ion Ratio Lower Upper
 112 100
 64 67.9 47.9 71.9
 63 0.0 23.7 35.5#





#7

Phenol-d6

Concen: 21.604 ng

RT: 6.70 min Scan# 784

Delta R.T. 0.25 min

Lab File: BF104620.D

Acq: 19 Apr 2018 10:19

Instrument :

BNA_F

ClientSampleId :

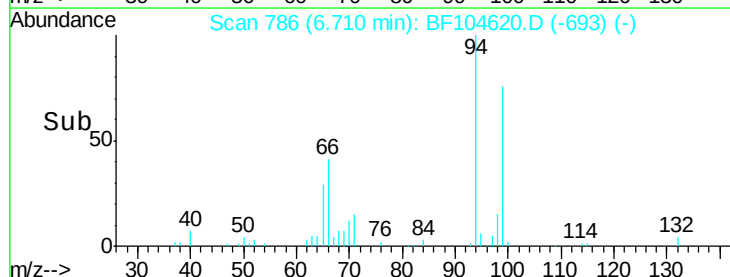
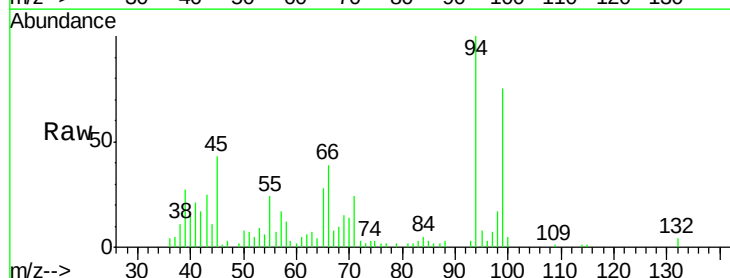
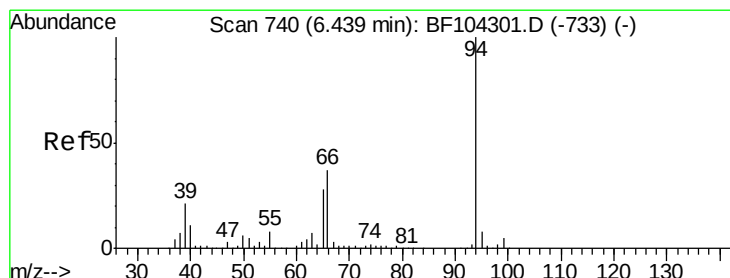
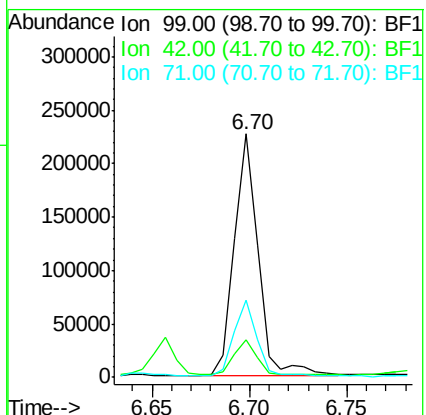
Tot Ion: 99 Resp: 192575

Ion Ratio Lower Upper

99 100

42 15.5 14.5 21.7

71 31.5 25.4 38.0



#10

Phenol

Concen: 2.385 ng

RT: 6.71 min Scan# 786

Delta R.T. 0.25 min

Lab File: BF104620.D

Acq: 19 Apr 2018 10:19

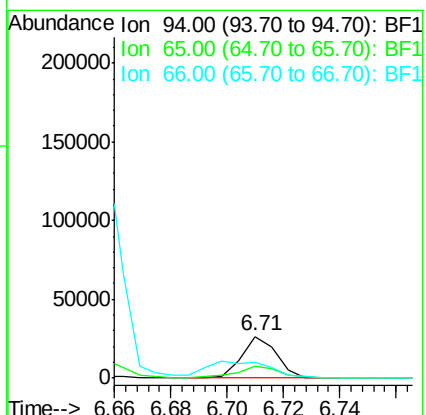
Tgt Ion: 94 Resp: 22561

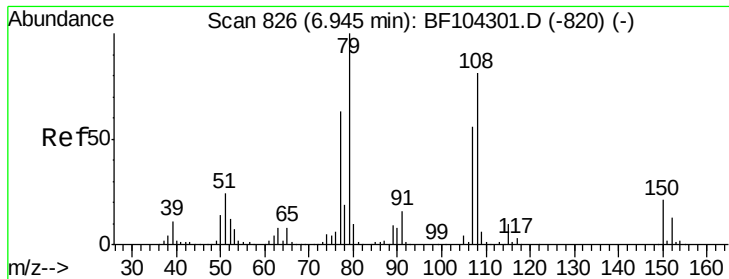
Ion Ratio Lower Upper

94 100

65 27.5 7.9 47.9

66 39.3 16.2 56.2

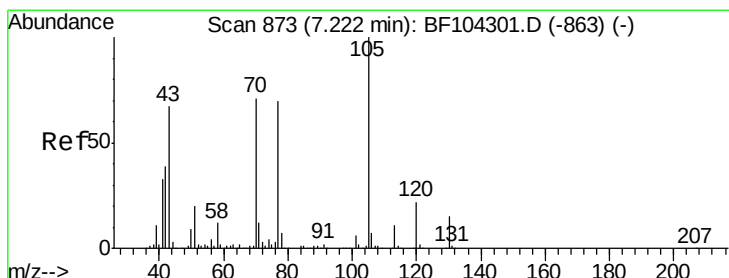
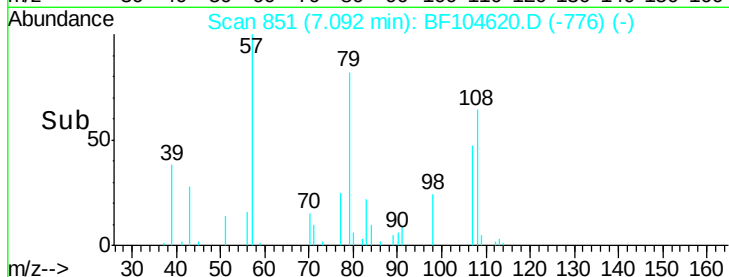
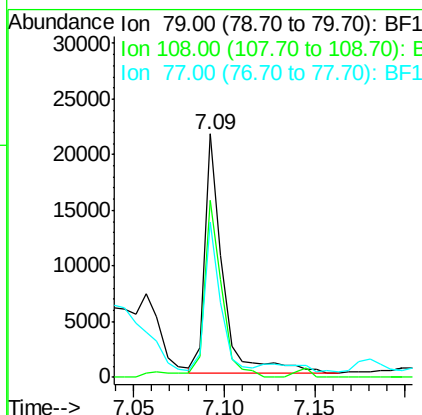
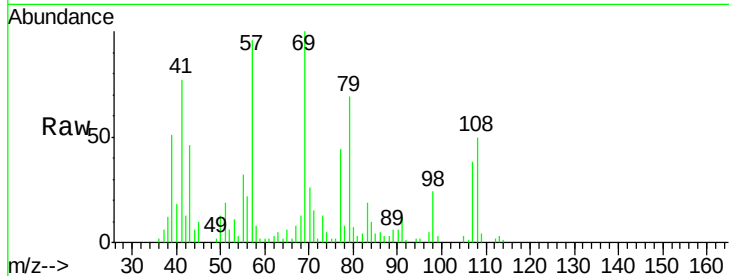




#15
Benzyl Alcohol
Concen: 2.235 ng
RT: 7.09 min Scan# 851
Delta R.T. 0.14 min
Lab File: BF104620.D
Acq: 19 Apr 2018 10:19

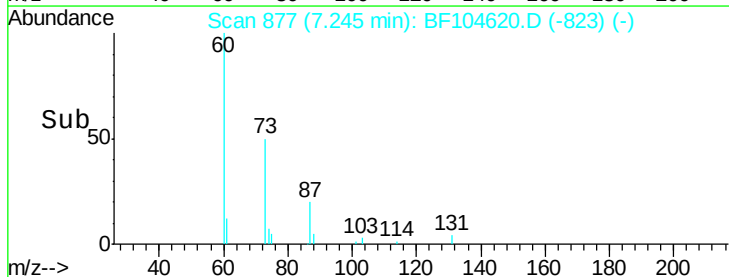
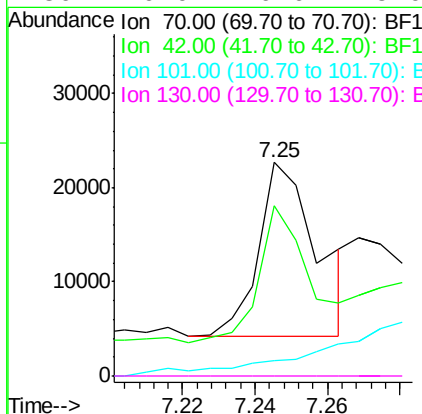
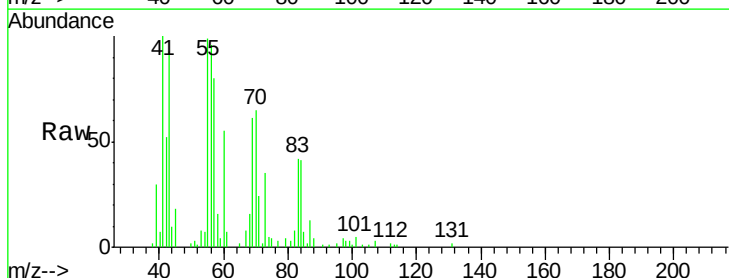
Instrument :
BNA_F
ClientSampled :

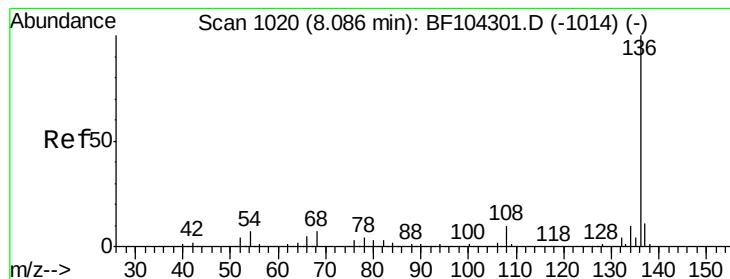
Tot Ion: 79 Resp: 15131
Ion Ratio Lower Upper
79 100
108 72.7 65.1 97.7
77 63.8 50.6 75.8



#19
n-Nitroso-di-n-propylamine
Concen: 3.555 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.02 min
Lab File: BF104620.D
Acq: 19 Apr 2018 10:19

Tgt Ion: 70 Resp: 20707
Ion Ratio Lower Upper
70 100
42 79.8 47.5 71.3#
101 7.0 7.4 11.2#
130 0.0 16.6 25.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.01 min

Lab File: BF104620.D

Acq: 19 Apr 2018 10:19

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 314620

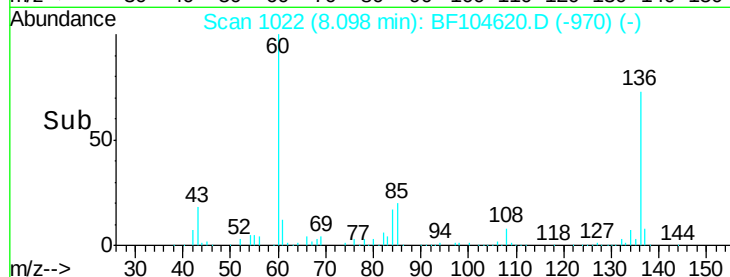
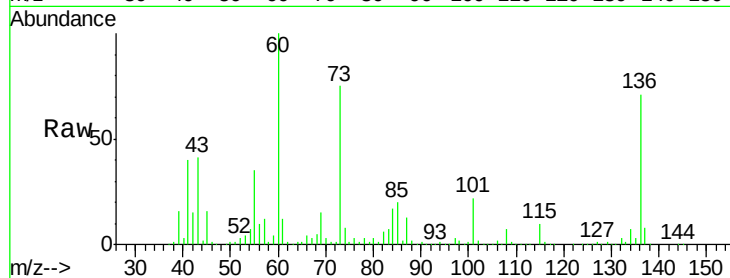
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 9.7 6.6 9.8

68 7.5 5.0 7.4#

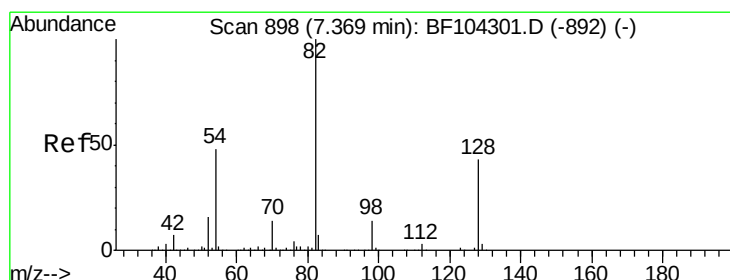
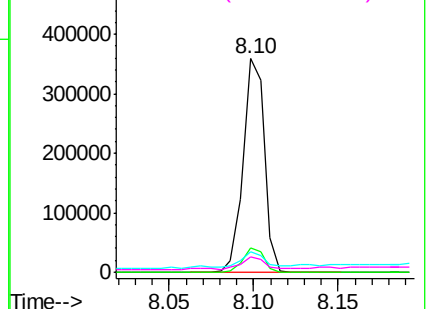


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 128.229 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.03 min

Lab File: BF104620.D

Acq: 19 Apr 2018 10:19

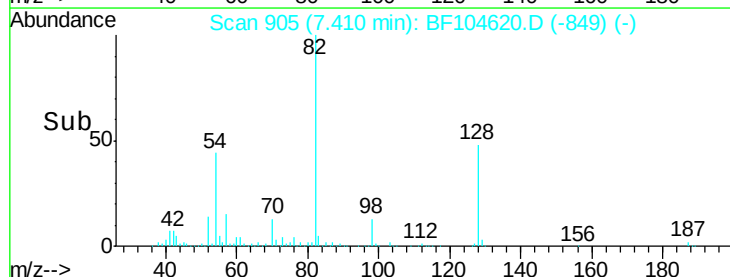
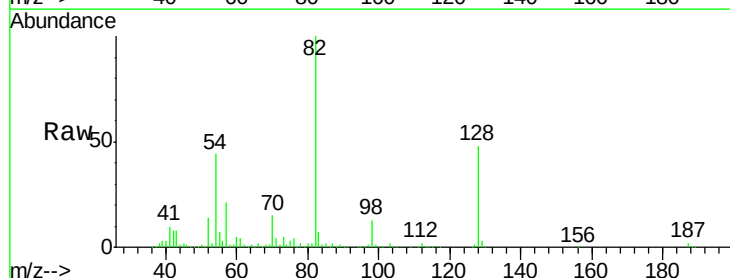
Tgt Ion: 82 Resp: 617837

Ion Ratio Lower Upper

82 100

128 47.8 36.1 54.1

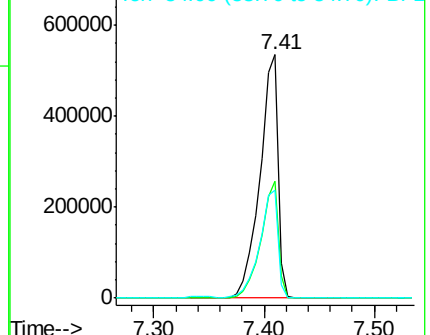
54 44.1 41.4 62.2

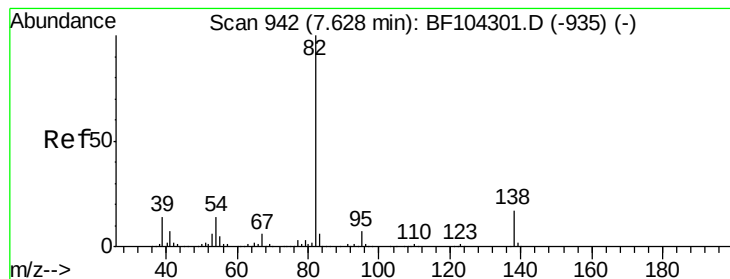


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 60.567 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.22 min

Lab File: BF104620.D

Acq: 19 Apr 2018 10:19

Instrument :

BNA_F

ClientSampleId :

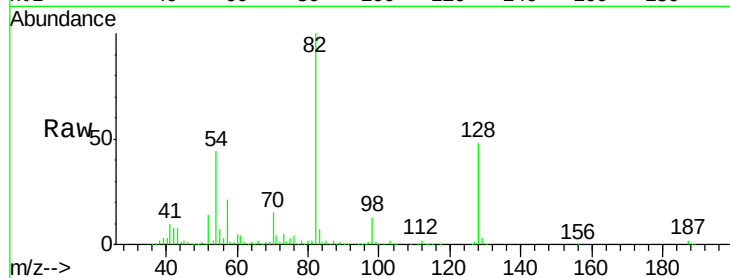
Tot Ion: 82 Resp: 617108

Ion Ratio Lower Upper

82 100

95 0.1 5.2 7.8#

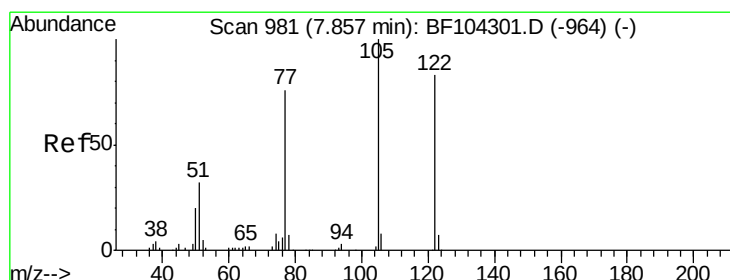
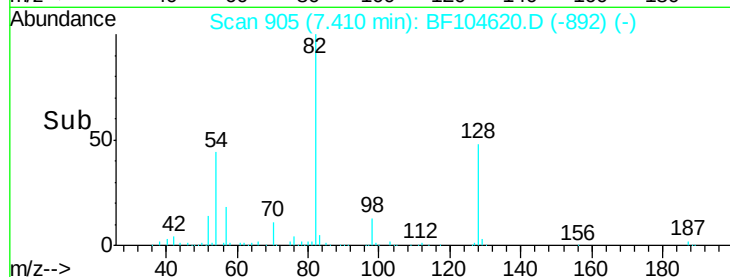
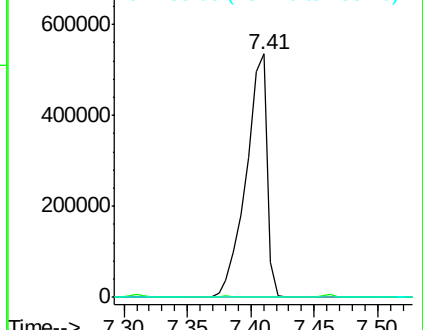
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#32

Benzoic acid

Concen: 2.007 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.02 min

Lab File: BF104620.D

Acq: 19 Apr 2018 10:19

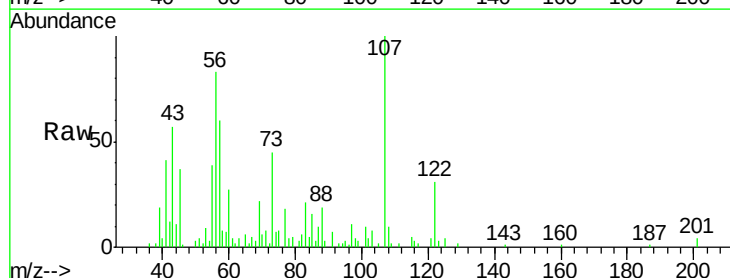
Tgt Ion: 122 Resp: 7201

Ion Ratio Lower Upper

122 100

105 6.8 101.1 141.1#

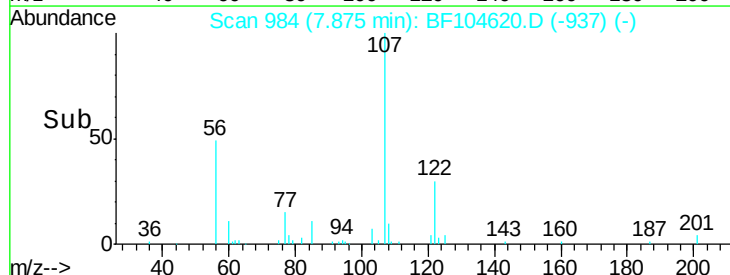
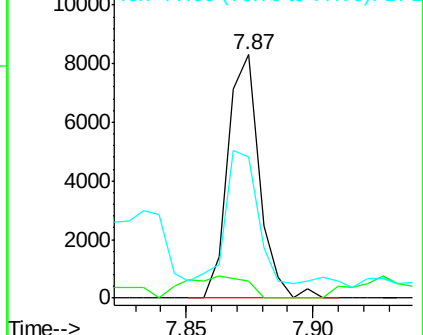
77 57.8 70.7 110.7#

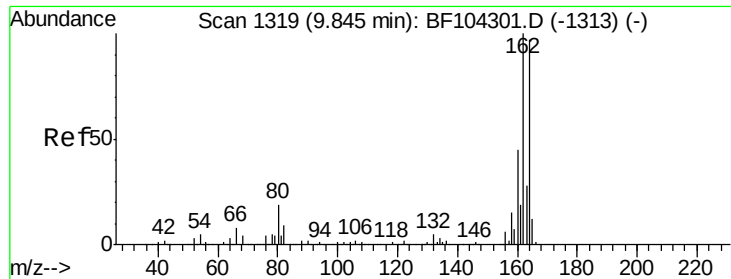


Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

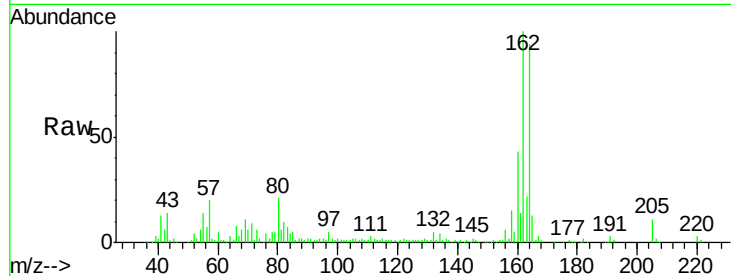




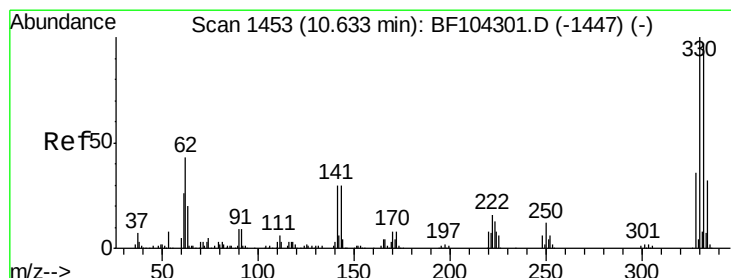
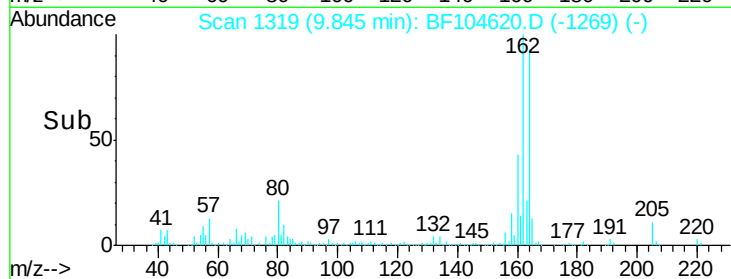
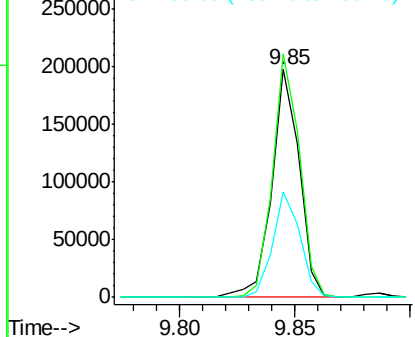
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF104620.D
 Acq: 19 Apr 2018 10:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 162994
 Ion Ratio Lower Upper
 164 100
 162 106.9 86.1 129.1
 160 46.0 38.3 57.5

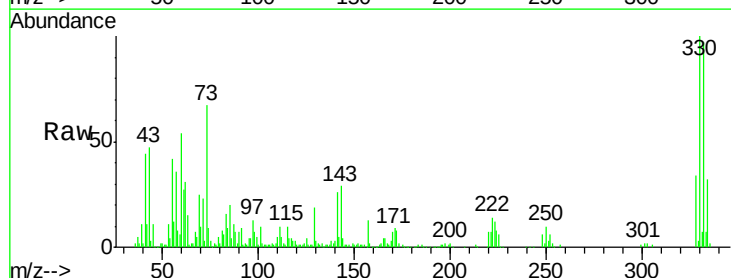


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

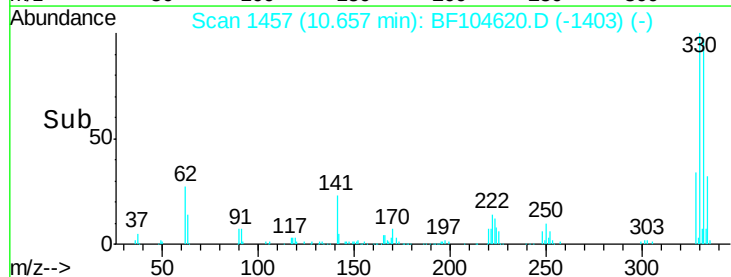
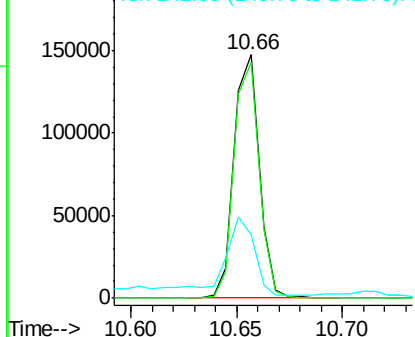


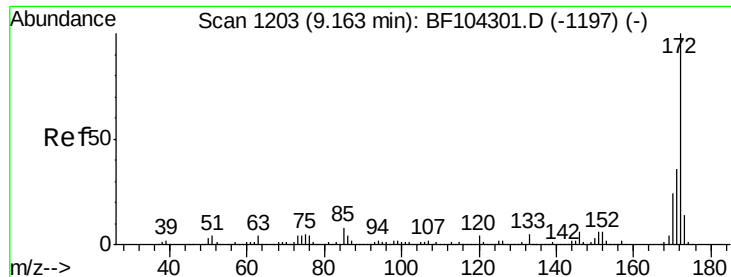
#41
 2,4,6-Tribromophenol
 Concen: 71.568 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. 0.02 min
 Lab File: BF104620.D
 Acq: 19 Apr 2018 10:19

Tgt Ion:330 Resp: 121005
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.0 115.6
 141 35.0 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

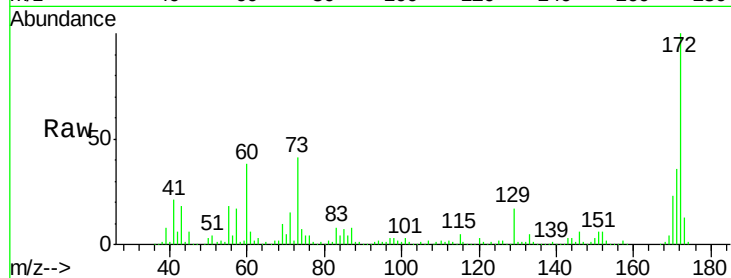




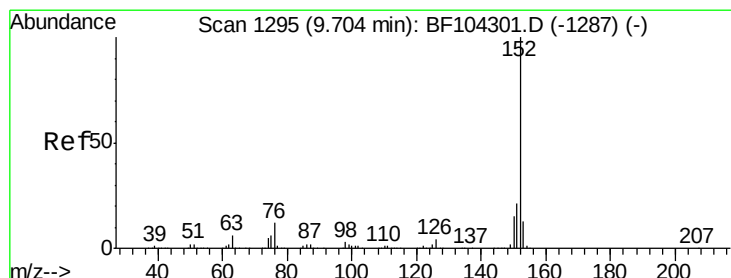
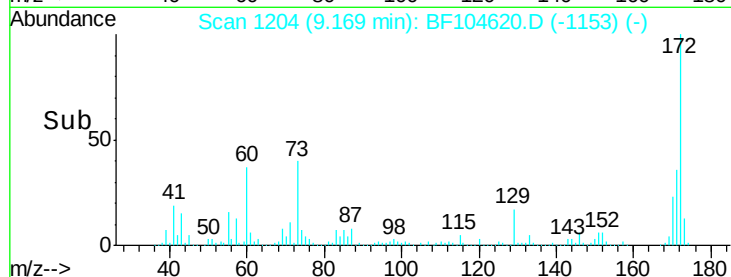
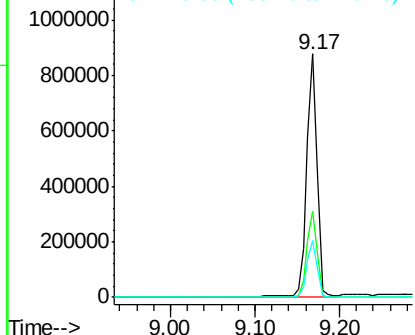
#44
 2-Fluorobiphenyl
 Concen: 75.130 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF104620.D
 Acq: 19 Apr 2018 10:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 775172
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.7 44.5
 170 23.4 19.6 29.4

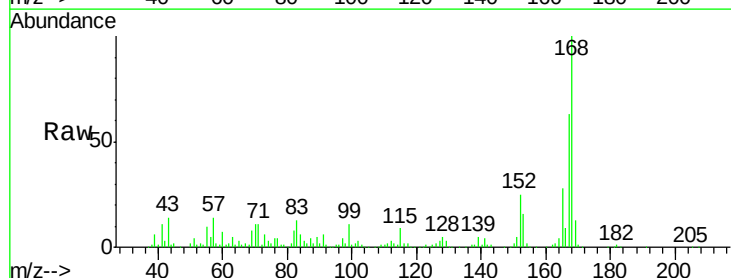


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

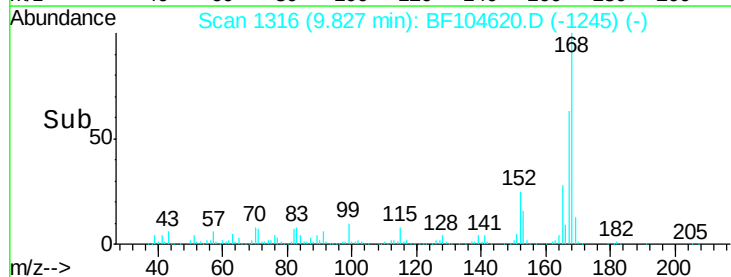
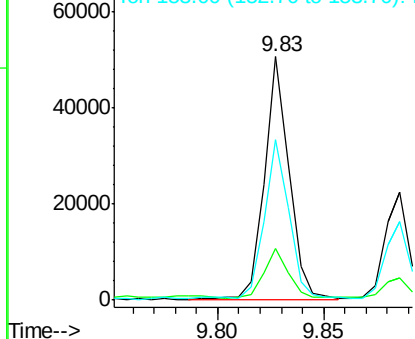


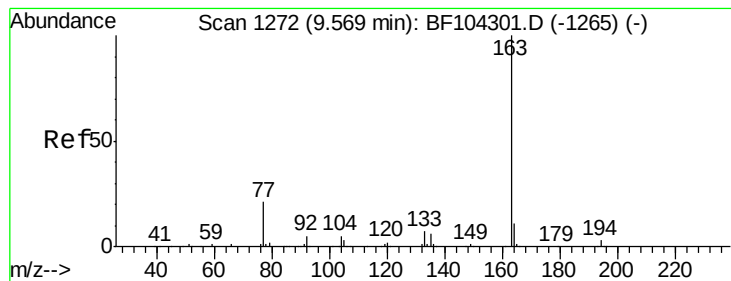
#48
 Acenaphthylene
 Concen: 2.470 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. 0.12 min
 Lab File: BF104620.D
 Acq: 19 Apr 2018 10:19

Tgt Ion:152 Resp: 41922
 Ion Ratio Lower Upper
 152 100
 151 21.1 16.3 24.5
 153 65.8 10.7 16.1#



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E
 Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 4.406 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.01 min

Lab File: BF104620.D

Acq: 19 Apr 2018 10:19

Instrument :

BNA_F

ClientSampled :

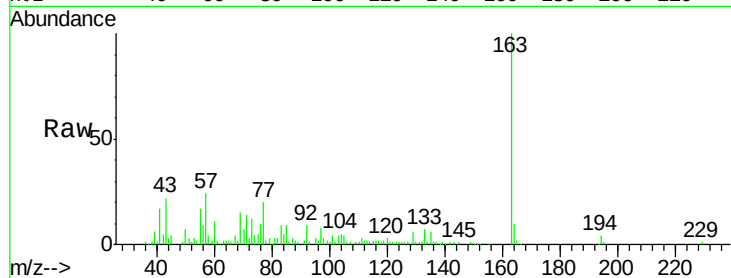
Tot Ion:163 Resp: 56633

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

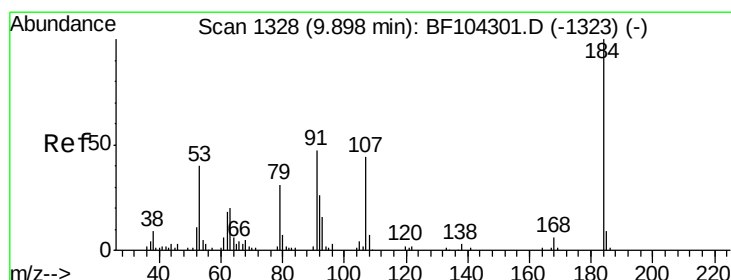
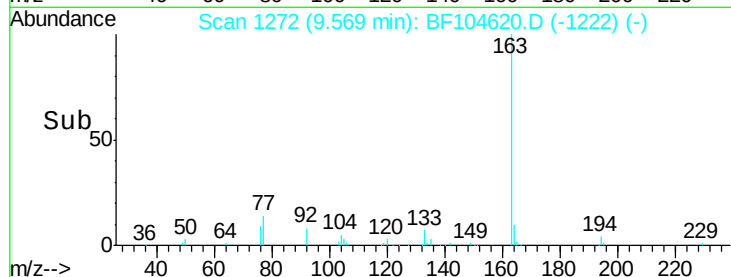
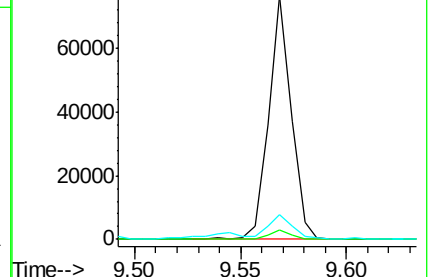
164 10.1 8.2 12.2



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



#53

2,4-Dinitrophenol

Concen: 13.057 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.02 min

Lab File: BF104620.D

Acq: 19 Apr 2018 10:19

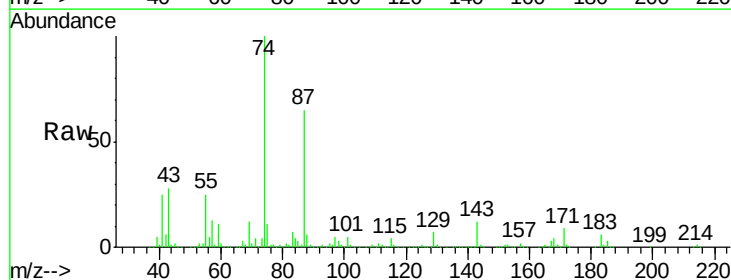
Tgt Ion:184 Resp: 5448

Ion Ratio Lower Upper

184 100

63 25.2 54.2 81.2#

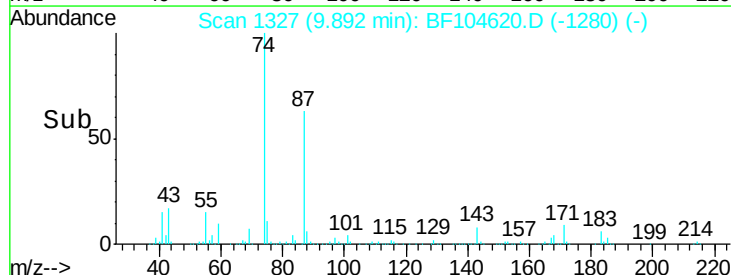
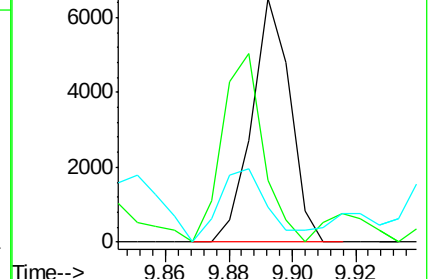
154 14.2 184.0 276.0#

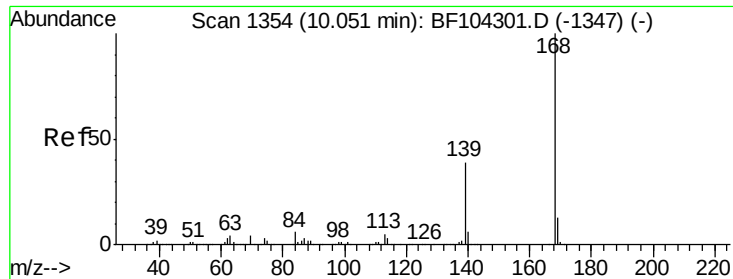


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

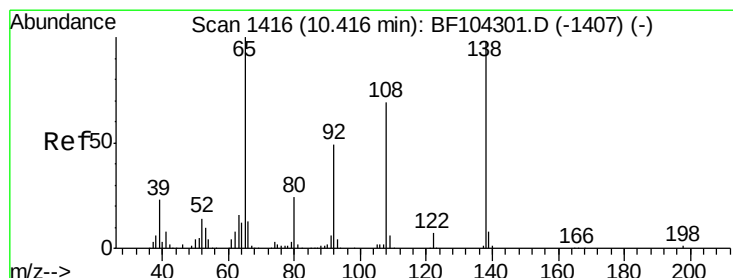
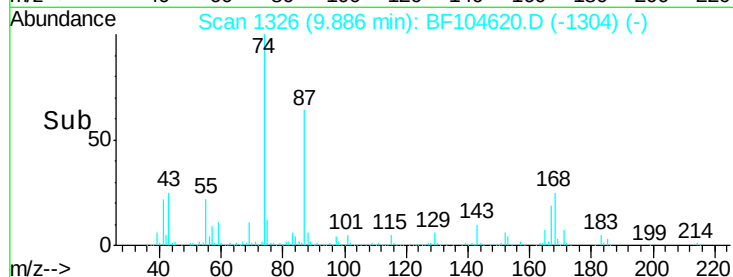
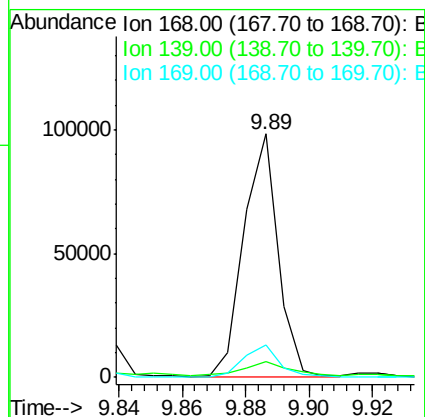
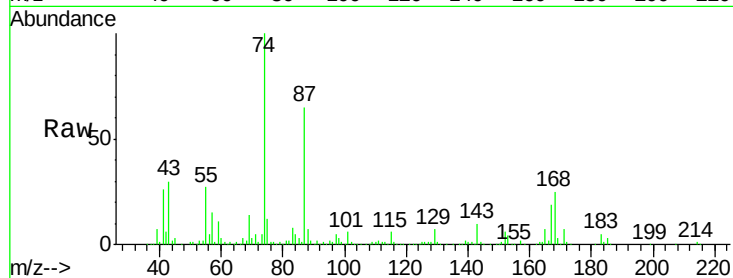




#54
Dibenzofuran
Concen: 5.057 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.17 min
Lab File: BF104620.D
Acq: 19 Apr 2018 10:19

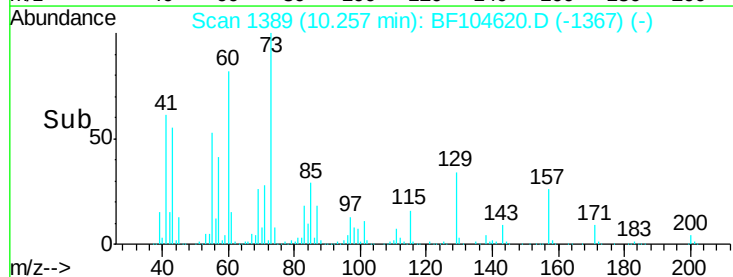
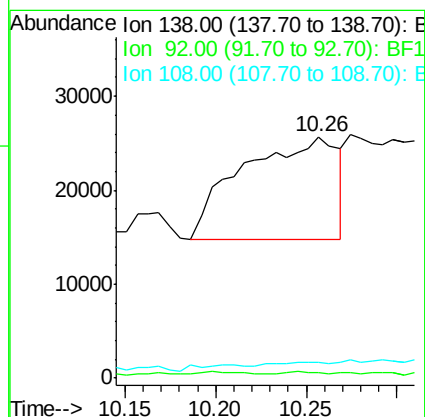
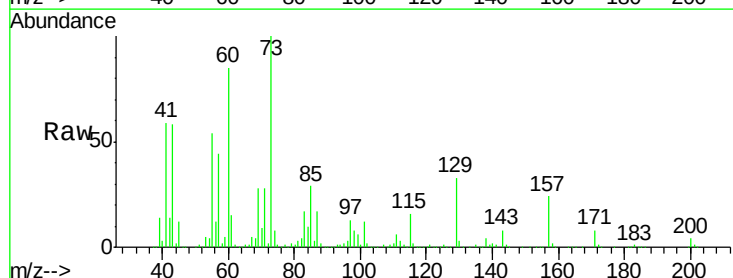
Instrument :
BNA_F
ClientSampled :

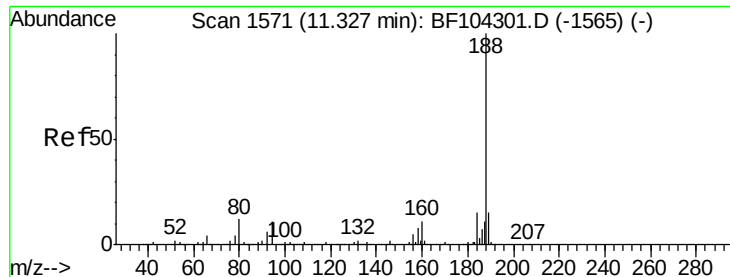
Tot Ion:168 Resp: 72962
Ion Ratio Lower Upper
168 100
139 6.4 30.1 45.1#
169 13.1 10.9 16.3



#61
4-Nitroaniline
Concen: 14.761 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.17 min
Lab File: BF104620.D
Acq: 19 Apr 2018 10:19

Tgt Ion:138 Resp: 40187
Ion Ratio Lower Upper
138 100
92 2.3 30.2 70.2#
108 6.4 52.5 92.5#

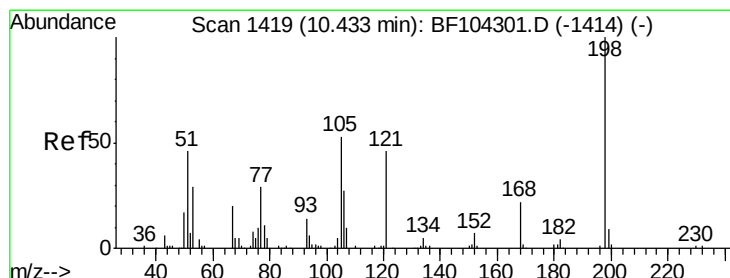
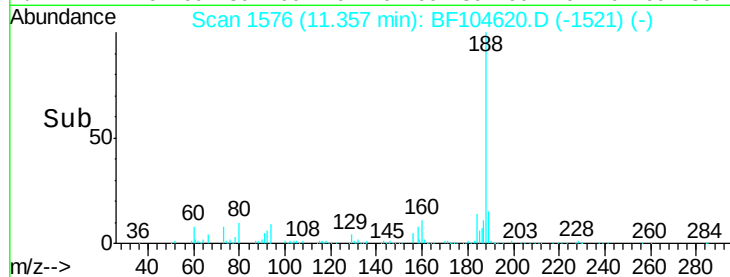
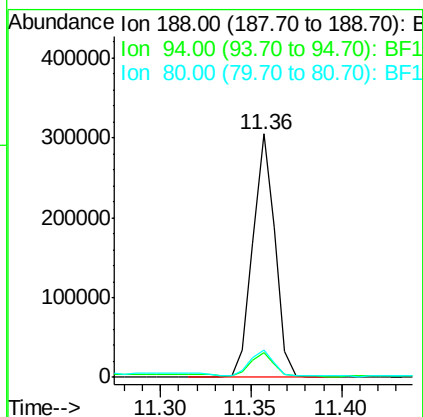
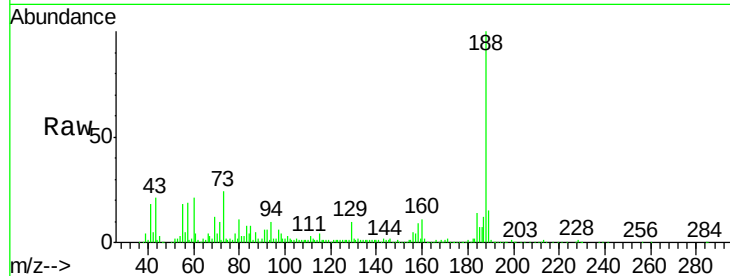




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. 0.02 min
Lab File: BF104620.D
Acq: 19 Apr 2018 10:19

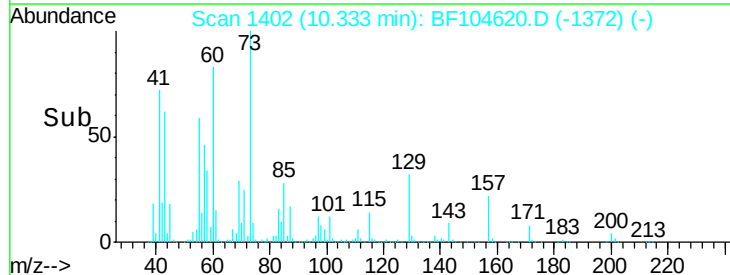
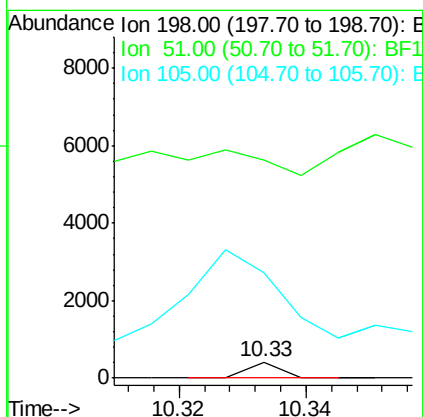
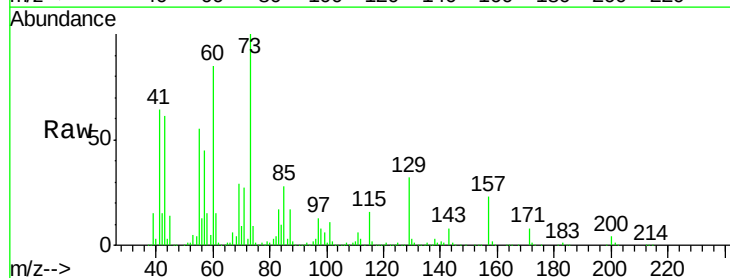
Instrument :
BNA_F
ClientSampleId :

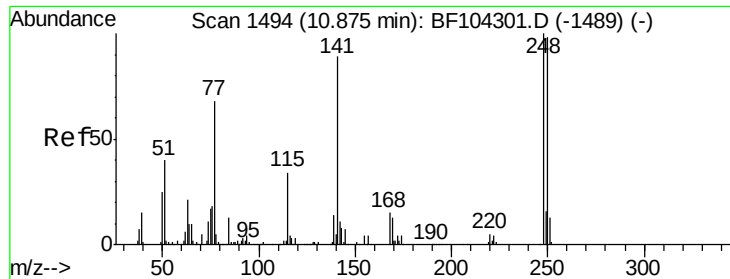
Tot Ion:188 Resp: 259368
Ion Ratio Lower Upper
188 100
94 10.4 8.5 12.7
80 11.2 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 7.446 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.12 min
Lab File: BF104620.D
Acq: 19 Apr 2018 10:19

Tgt Ion:198 Resp: 147
Ion Ratio Lower Upper
198 100
51 1348.6 37.7 77.7#
105 651.2 36.3 76.3#

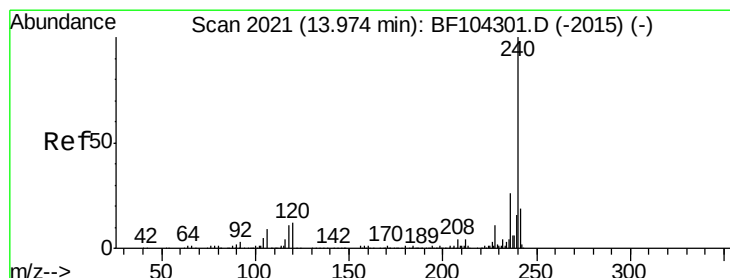
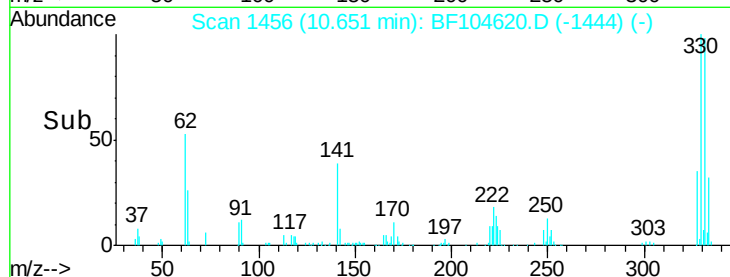
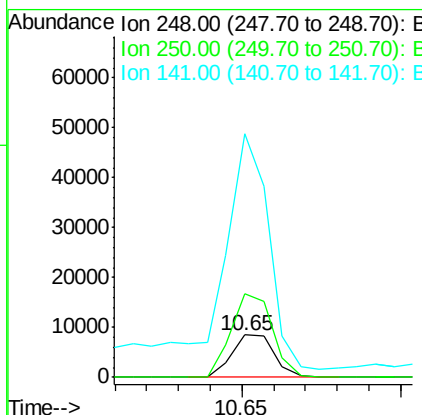
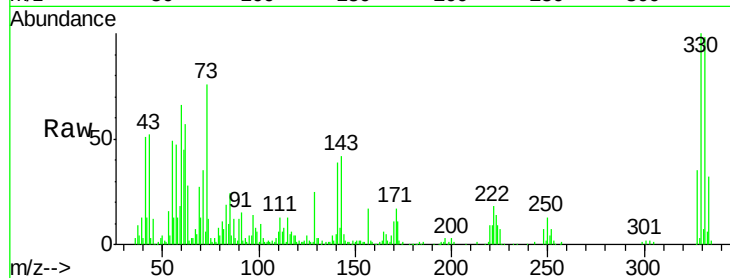




#66
4-Bromophenyl-phenylether
Concen: 2.828 ng
RT: 10.65 min Scan# 1456
Delta R.T. -0.23 min
Lab File: BF104620.D
Acq: 19 Apr 2018 10:19

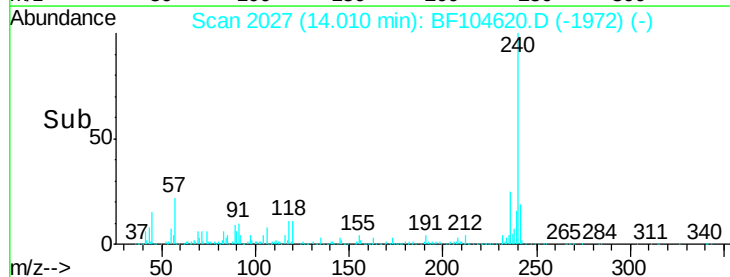
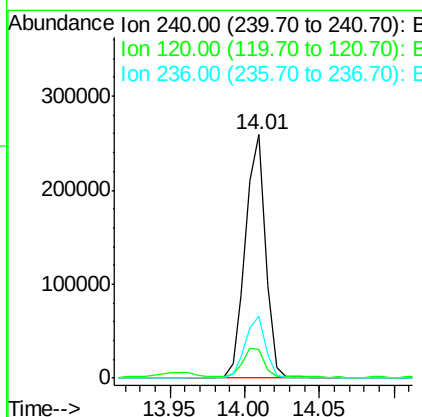
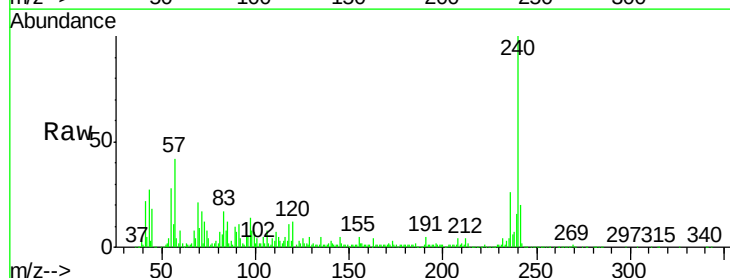
Instrument :
BNA_F
ClientSampleId :

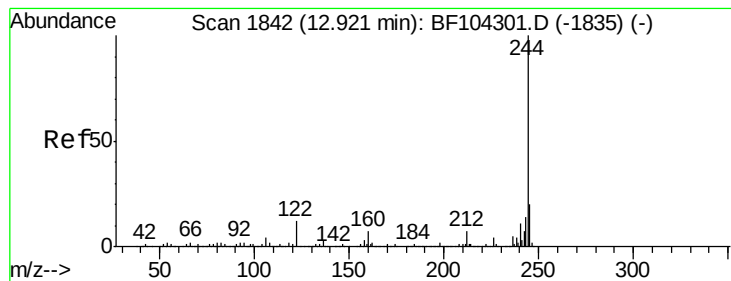
Tot Ion:248 Resp: 7803
Ion Ratio Lower Upper
248 100
250 196.4 76.9 115.3#
141 573.4 74.4 111.6#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.02 min
Lab File: BF104620.D
Acq: 19 Apr 2018 10:19

Tgt Ion:240 Resp: 244889
Ion Ratio Lower Upper
240 100
120 11.7 9.5 14.3
236 25.6 20.7 31.1





#78

Terphenyl-d14

Concen: 75.204 ng

RT: 12.96 min Scan# 1849

Delta R.T. 0.04 min

Lab File: BF104620.D

Acq: 19 Apr 2018 10:19

Instrument :

BNA_F

ClientSampleId :

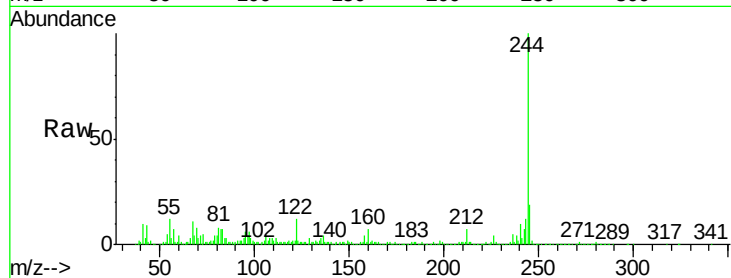
Tot Ion:244 Resp: 807805

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

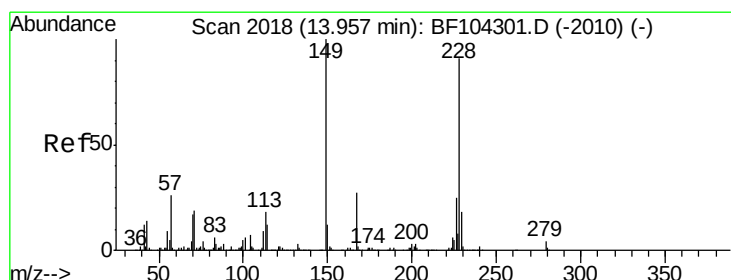
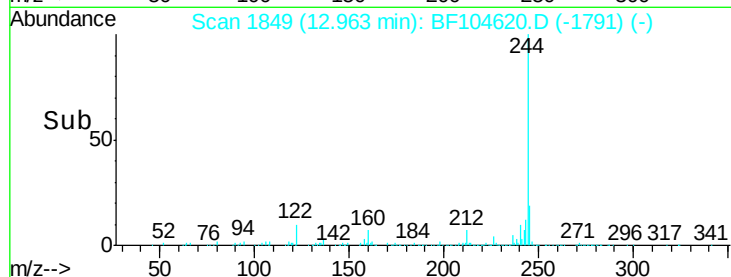
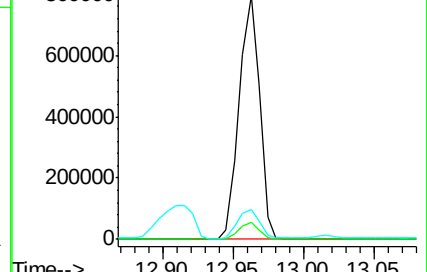
122 12.1 11.0 16.4



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 12.795 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.02 min

Lab File: BF104620.D

Acq: 19 Apr 2018 10:19

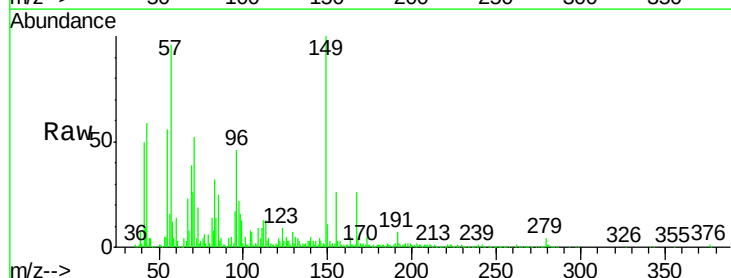
Tgt Ion:149 Resp: 140736

Ion Ratio Lower Upper

149 100

167 26.5 21.3 31.9

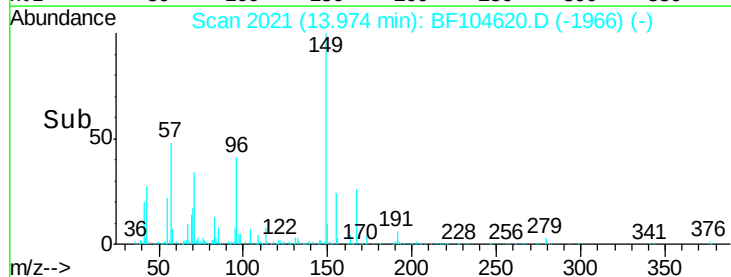
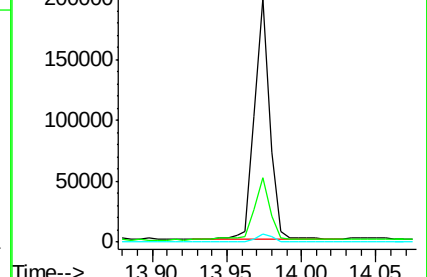
279 3.5 3.0 4.4

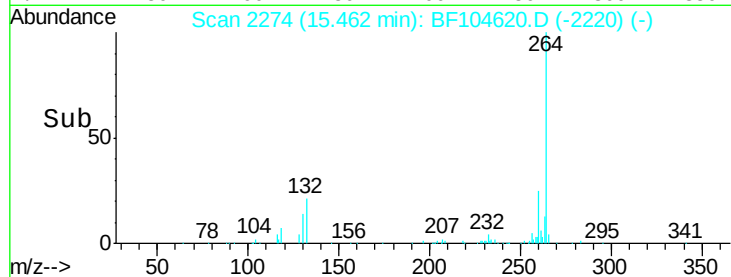
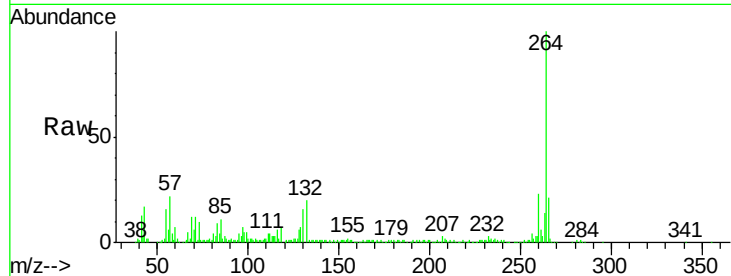
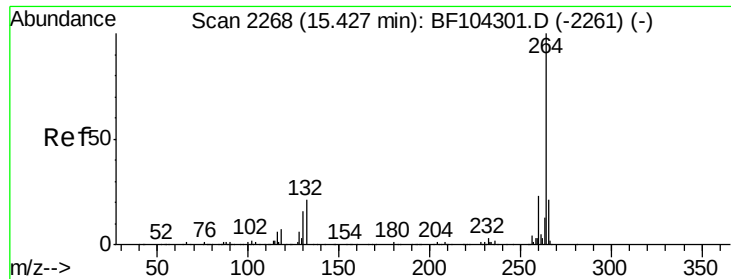


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.02 min
Lab File: BF104620.D
Acq: 19 Apr 2018 10:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.2	17.5	26.3

