

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012218\
 Data File : BF102310.D
 Acq On : 22 Jan 2018 20:16
 Operator : SJ/JU
 Sample : J1116-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 23 00:10:36 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 22 13:38:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	135963	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	562486	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	242206	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	391050	20.00	ng	0.00
75) Chrysene-d12	13.87	240	283619	20.00	ng	0.00
86) Perylene-d12	15.29	264	273923	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.33	112	1007981	112.41	ng	0.00
7) Phenol-d6	6.36	99	1208517	111.79	ng	0.00
23) Nitrobenzene-d5	7.28	82	747199	76.34	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	254390	106.00	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1091690	66.27	ng	0.00
78) Terphenyl-d14	12.82	244	840910	66.84	ng	0.00

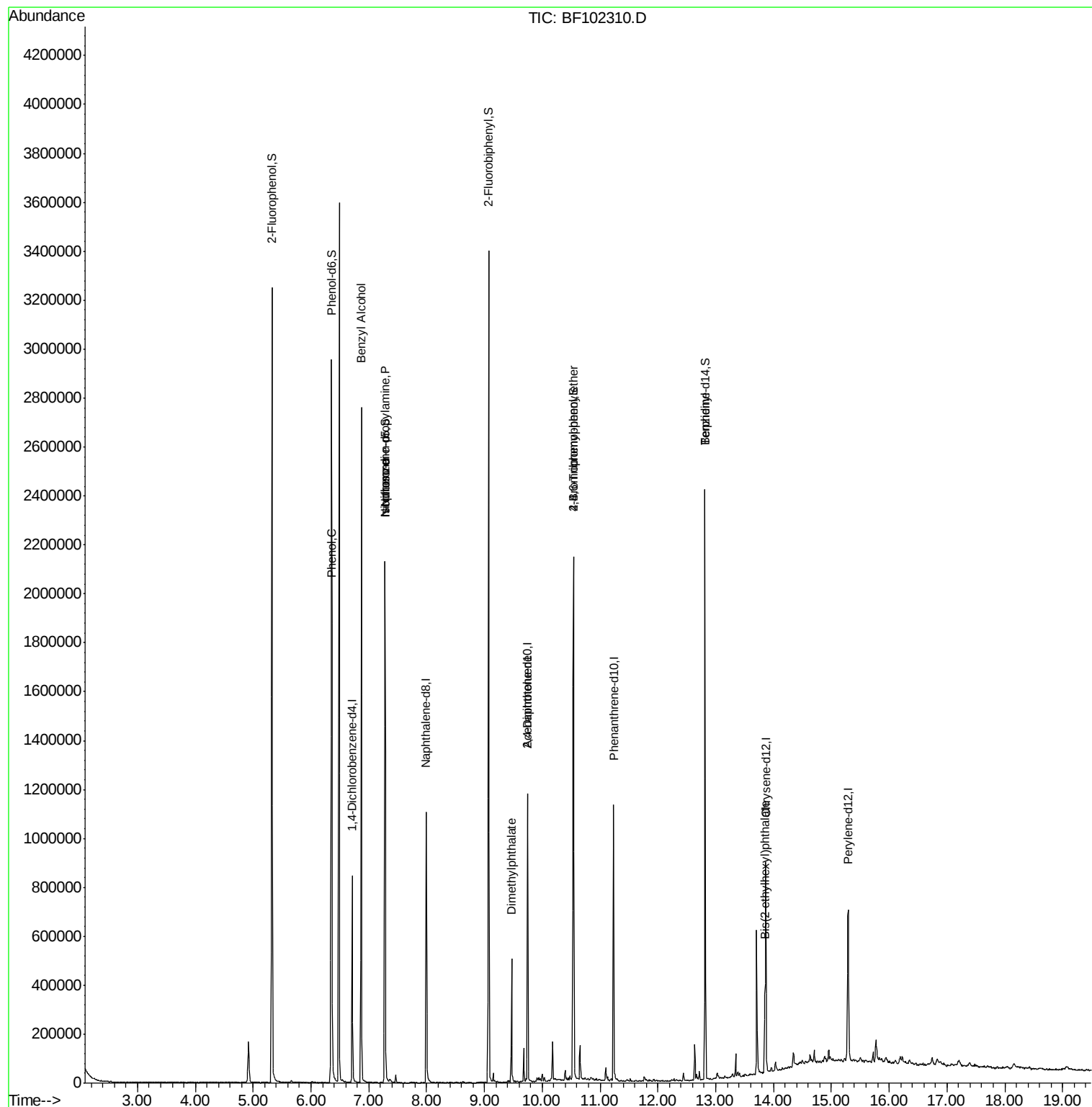
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.37	94	39960	3.386	ng	98
15) Benzyl Alcohol	6.87	79	11351	1.488	ng	# 40
19) n-Nitroso-di-n-propylamine	7.28	70	98248	14.851	ng	# 80
25) Isophorone	7.28	82	738580	42.327	ng	# 64
49) Dimethylphthalate	9.47	163	195224	9.752	ng	99
56) 2,4-Dinitrotoluene	9.75	165	30482	5.743	ng	# 22
66) 4-Bromophenyl-phenylether	10.54	248	15846	3.764	ng	# 1
76) Benzidine	12.82	184	10960	1.150	ng	# 95
83) Bis(2-ethylhexyl)phthalate	13.85	149	70985	4.840	ng	98

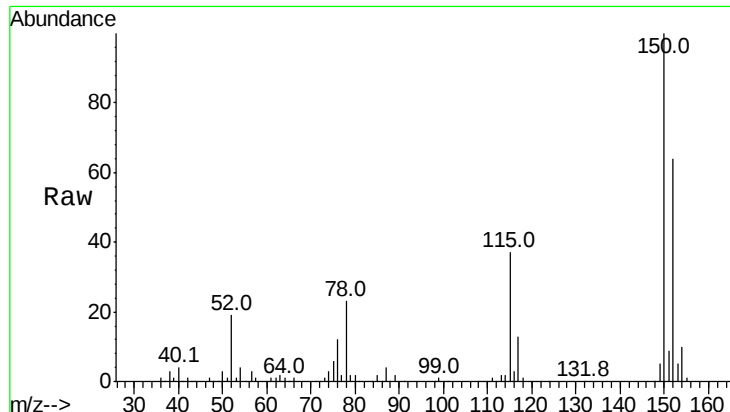
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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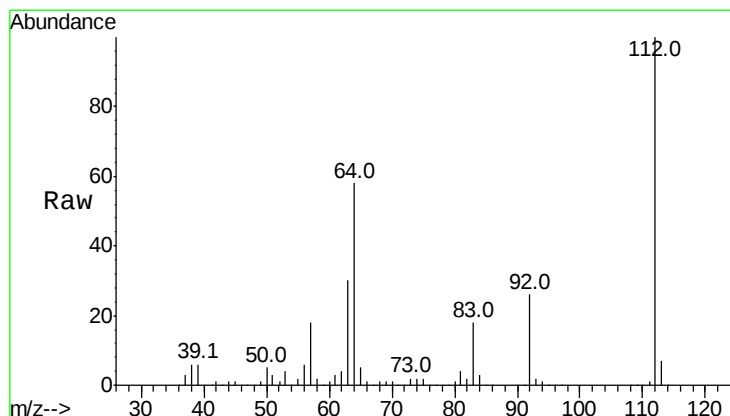
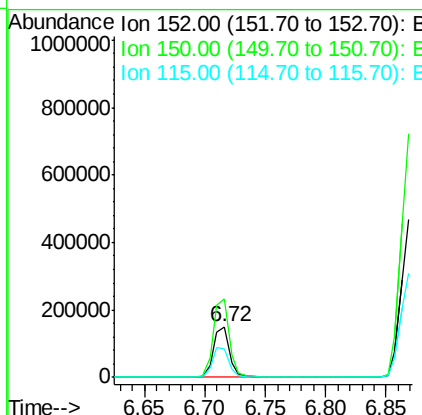
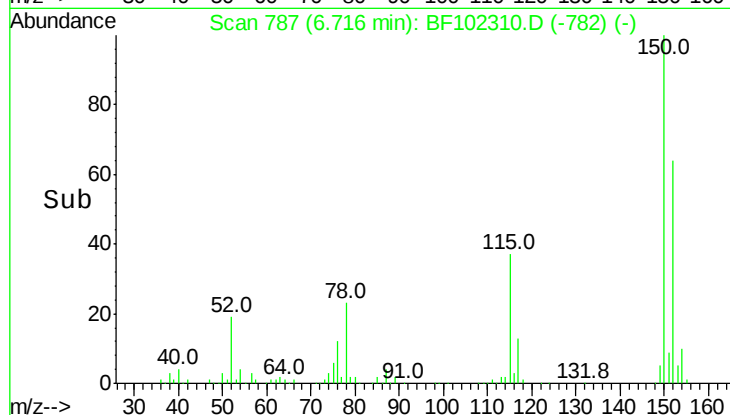




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF102310.D
 Acq: 22 Jan 2018 20:16

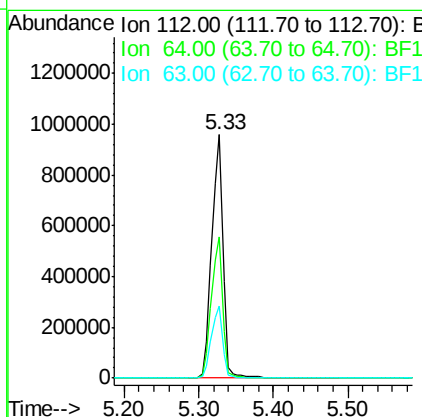
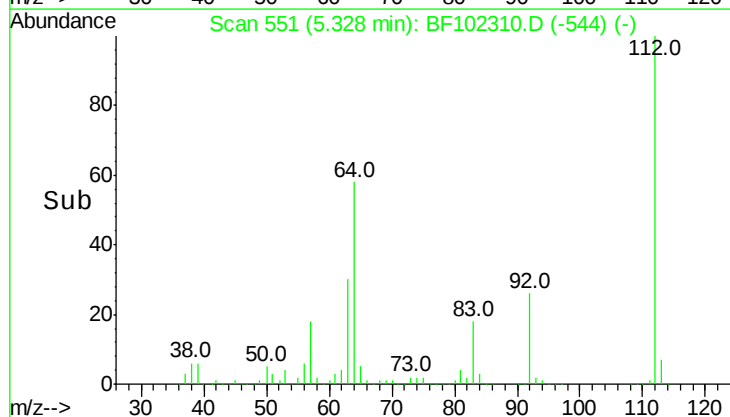
Instrument :
 BNA_F
 ClientSampled :

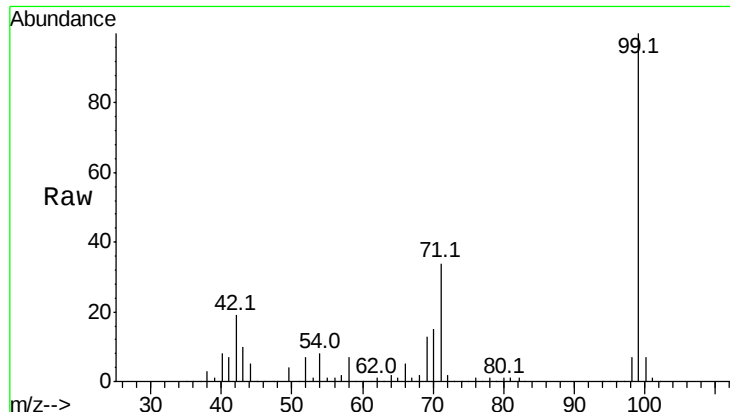
Tot Ion:152 Resp: 135963
 Ion Ratio Lower Upper
 152 100
 150 155.4 124.6 186.8
 115 57.1 50.1 75.1



#5
 2-Fluorophenol
 Concen: 112.410 ng
 RT: 5.33 min Scan# 551
 Delta R.T. 0.01 min
 Lab File: BF102310.D
 Acq: 22 Jan 2018 20:16

Tgt Ion:112 Resp: 1007981
 Ion Ratio Lower Upper
 112 100
 64 57.8 47.9 71.9
 63 29.7 23.7 35.5





#7

Phenol-d6

Concen: 111.791 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF102310.D

Acq: 22 Jan 2018 20:16

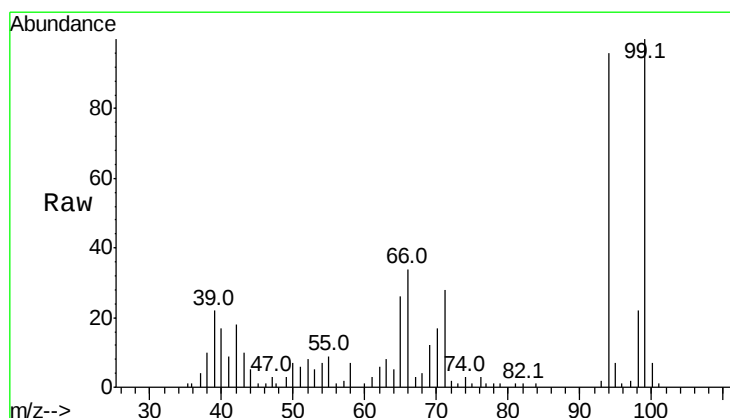
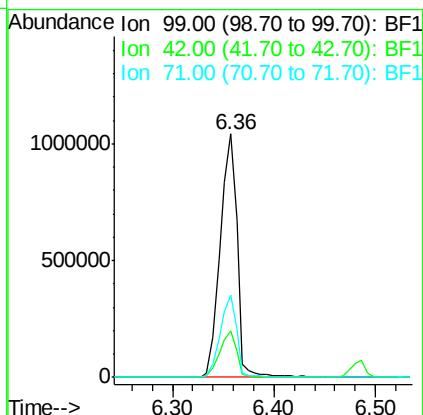
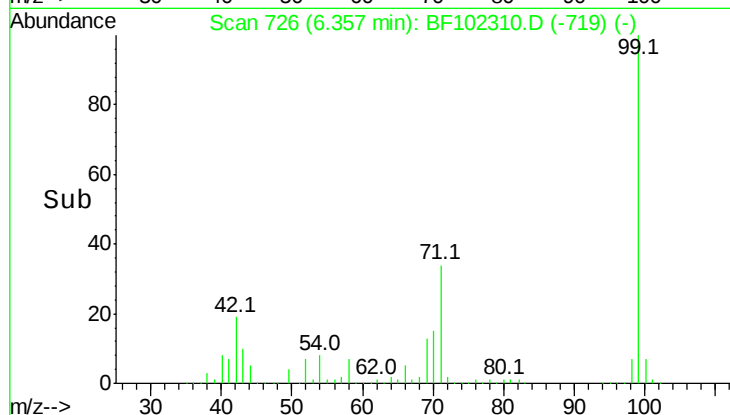
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1208517

Ion	Ratio	Lower	Upper
99	100		
42	19.0	14.5	21.7
71	33.7	25.4	38.0



#10

Phenol

Concen: 3.386 ng

RT: 6.37 min Scan# 728

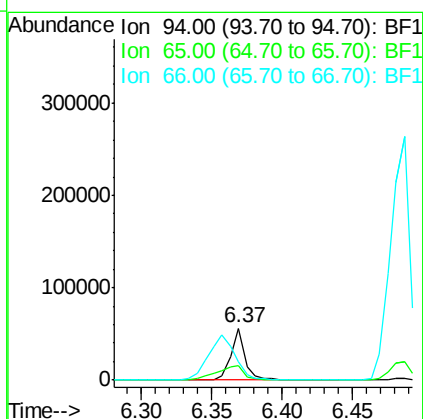
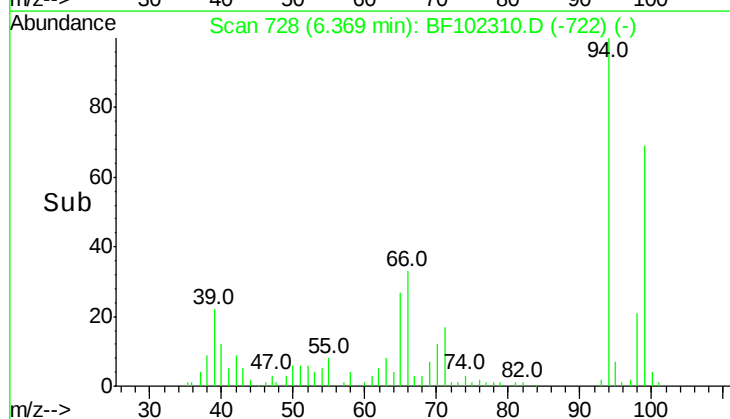
Delta R.T. -0.01 min

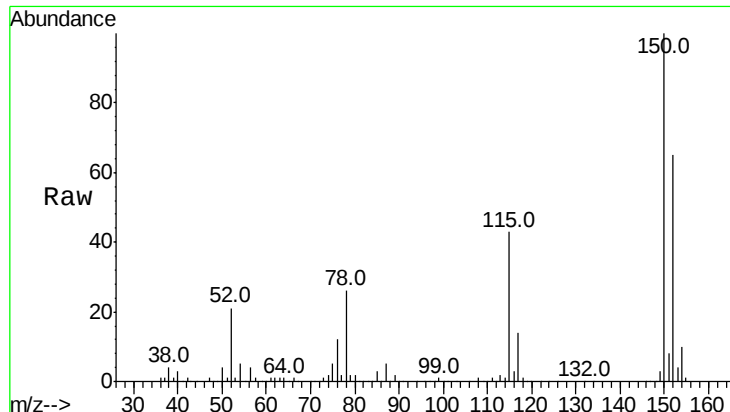
Lab File: BF102310.D

Acq: 22 Jan 2018 20:16

Tgt Ion: 94 Resp: 39960

Ion	Ratio	Lower	Upper
94	100		
65	27.0	7.9	47.9
66	35.4	16.2	56.2





#15

Benzyl Alcohol

Concen: 1.488 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.01 min

Lab File: BF102310.D

Acq: 22 Jan 2018 20:16

Instrument :

BNA_F

ClientSampled :

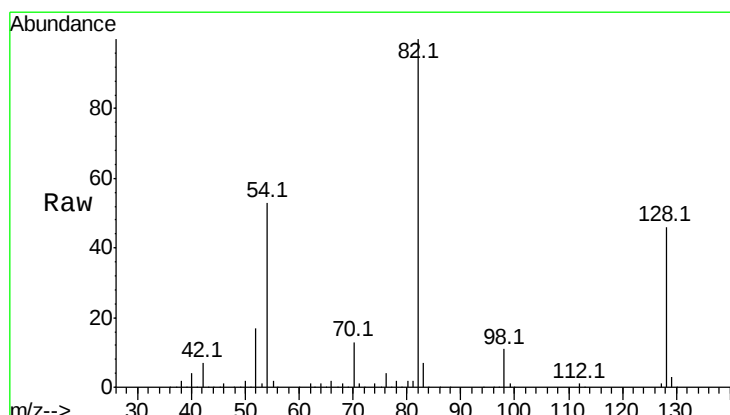
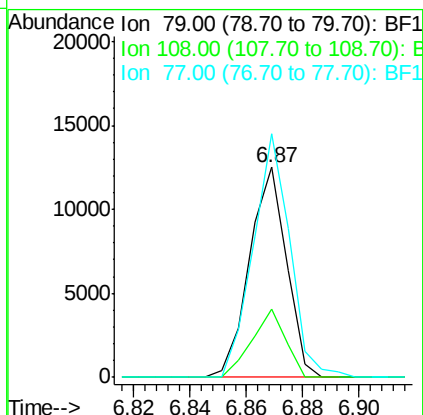
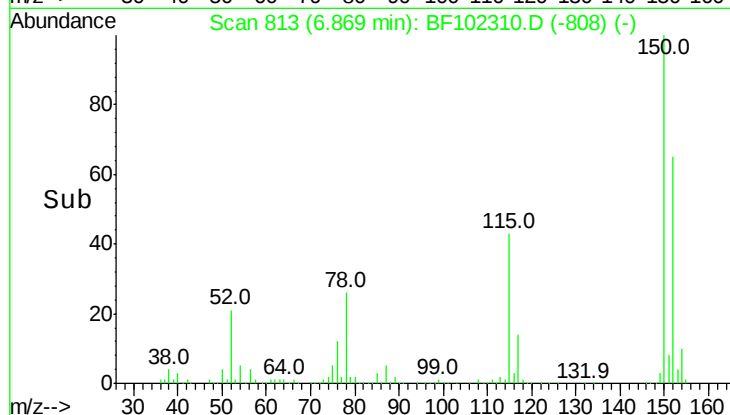
Tot Ion: 79 Resp: 11351

Ion Ratio Lower Upper

79 100

108 32.6 65.1 97.7#

77 115.9 50.6 75.8#



#19

n-Nitroso-di-n-propylamine

Concen: 14.851 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.14 min

Lab File: BF102310.D

Acq: 22 Jan 2018 20:16

Tgt Ion: 70 Resp: 98248

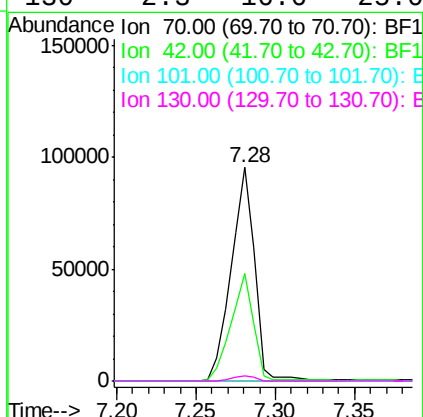
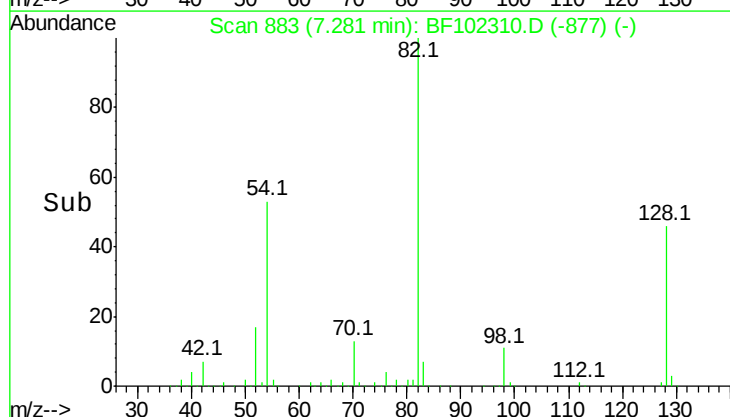
Ion Ratio Lower Upper

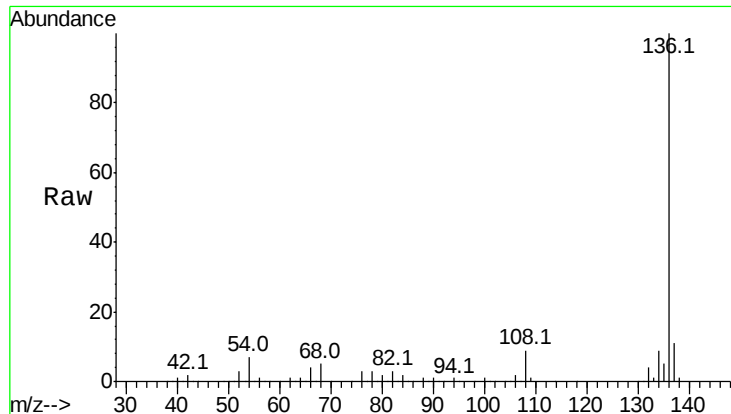
70 100

42 50.5 47.5 71.3

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

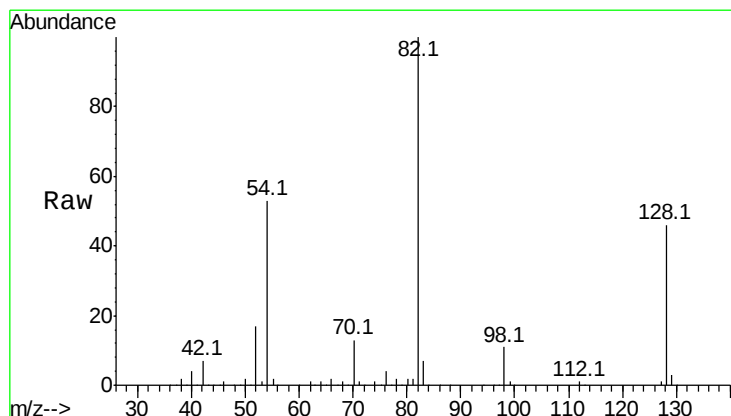
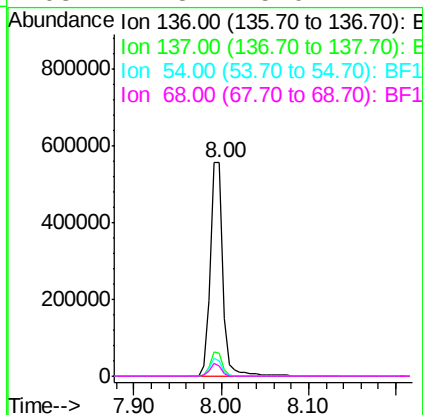
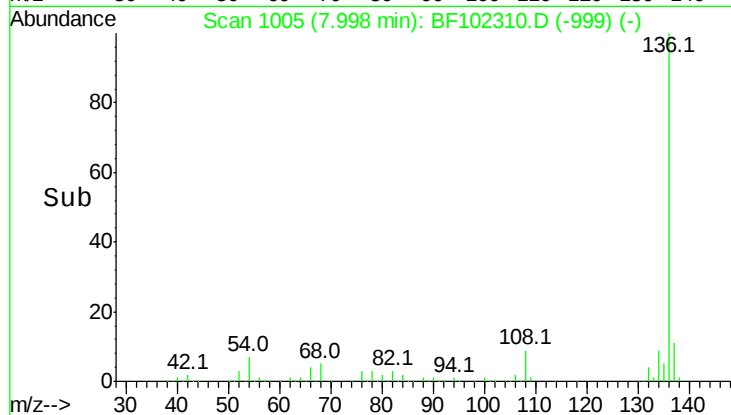




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF102310.D
Acq: 22 Jan 2018 20:16

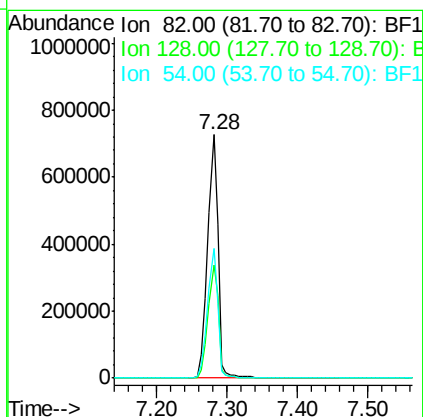
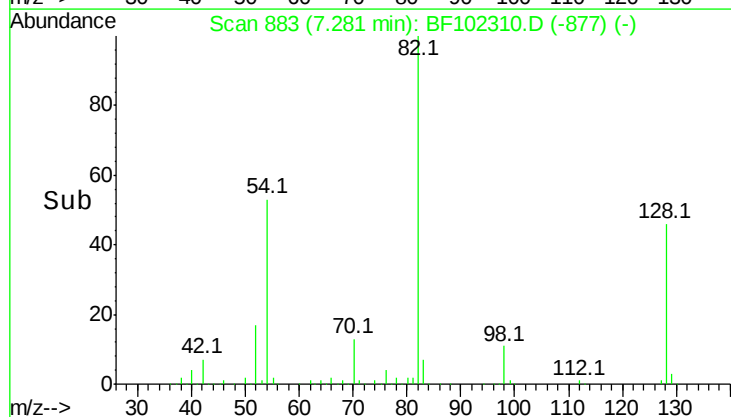
Instrument :
BNA_F
ClientSampleId :

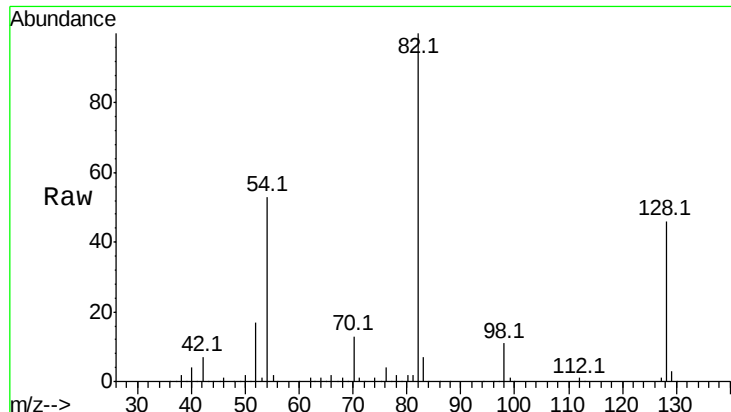
Tot Ion:136 Resp: 562486
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 7.2 6.6 9.8
68 4.8 5.0 7.4#



#23
Nitrobenzene-d5
Concen: 76.338 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF102310.D
Acq: 22 Jan 2018 20:16

Tgt Ion: 82 Resp: 747199
Ion Ratio Lower Upper
82 100
128 46.2 36.1 54.1
54 53.2 41.4 62.2





#25

Isophorone

Concen: 42.327 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.26 min

Lab File: BF102310.D

Acq: 22 Jan 2018 20:16

Instrument :

BNA_F

ClientSampled :

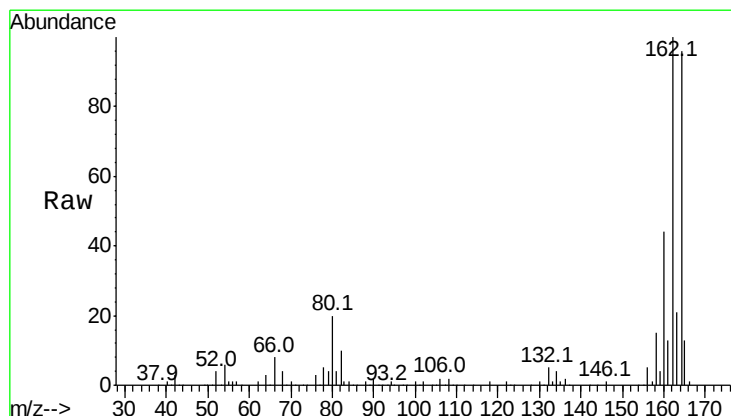
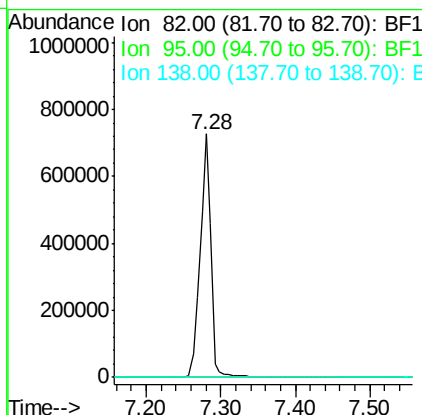
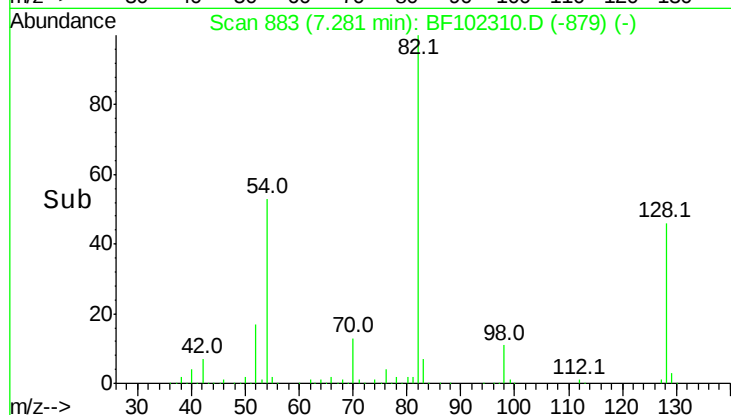
Tot Ion: 82 Resp: 738580

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF102310.D

Acq: 22 Jan 2018 20:16

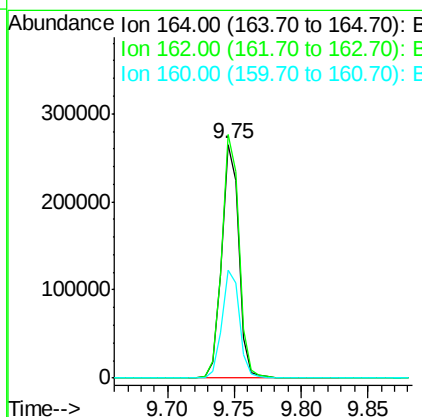
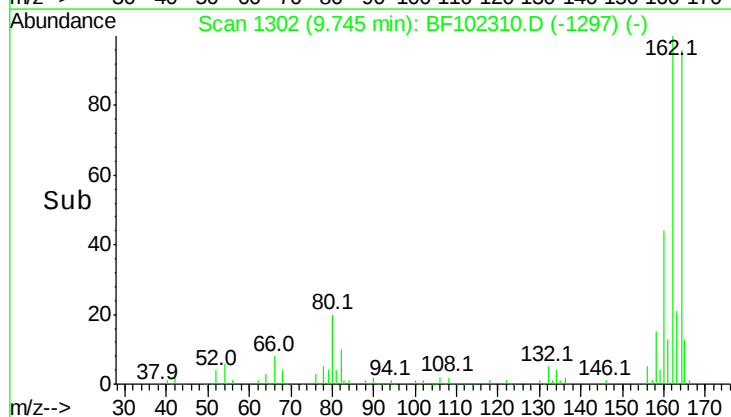
Tgt Ion:164 Resp: 242206

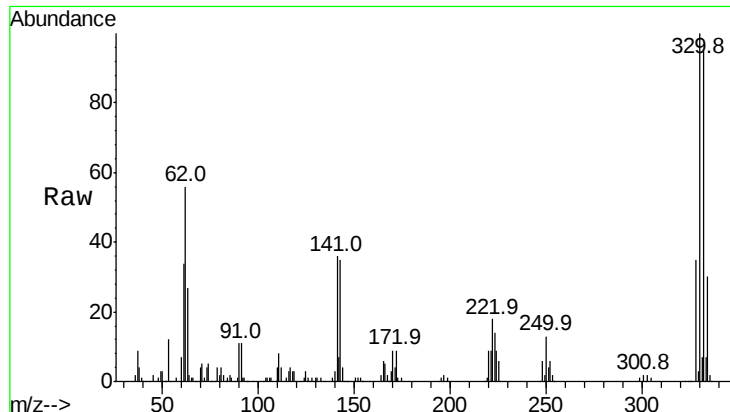
Ion Ratio Lower Upper

164 100

162 104.2 86.1 129.1

160 46.0 38.3 57.5

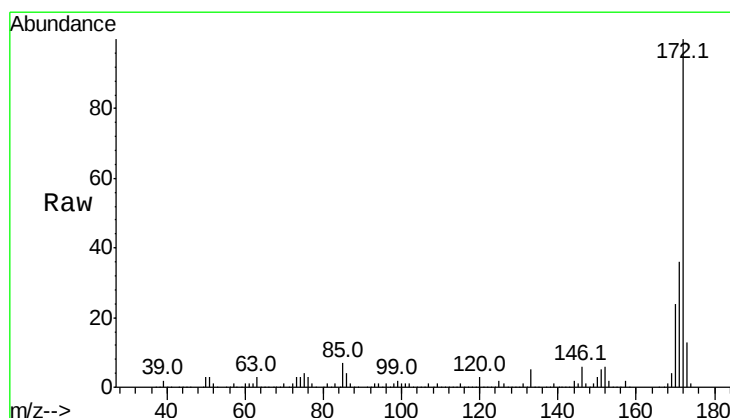
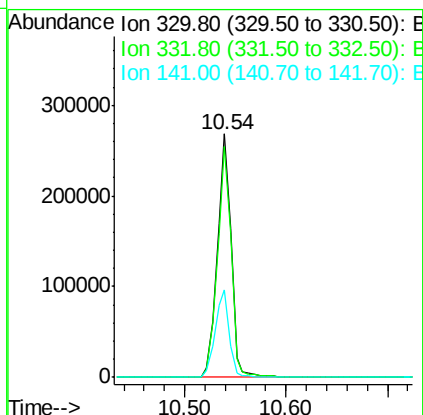
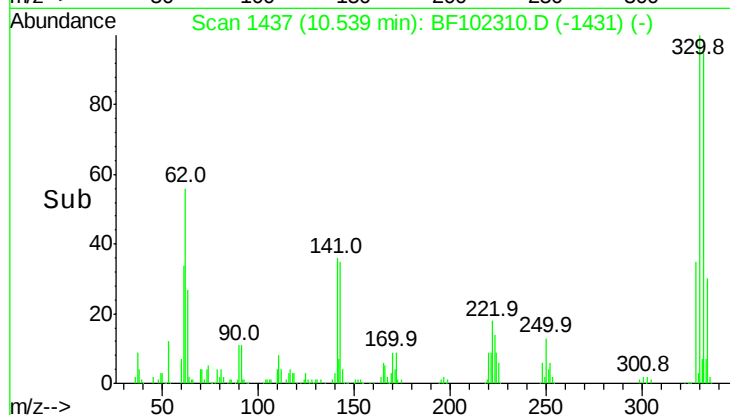




#41
 2,4,6-Tribromophenol
 Concen: 106.000 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF102310.D
 Acq: 22 Jan 2018 20:16

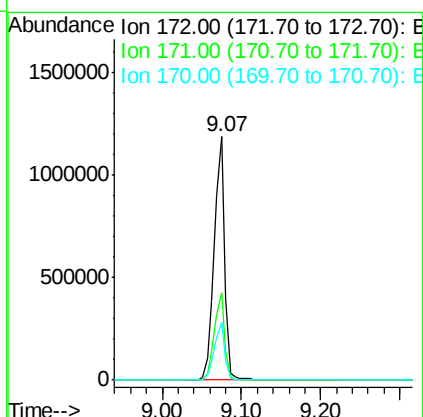
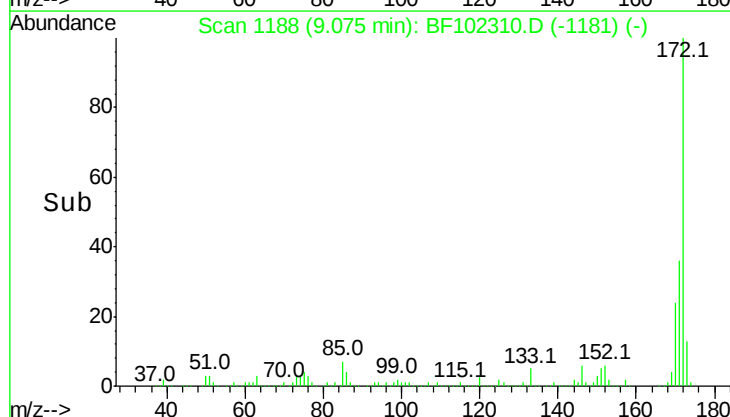
Instrument :
 BNA_F
 ClientSampleId :

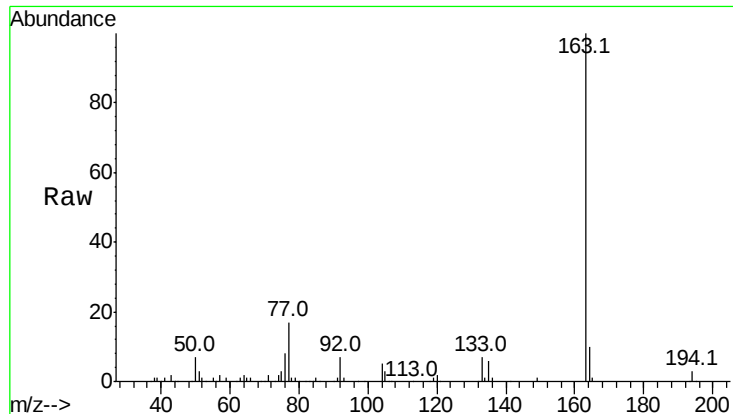
Tot Ion:	330	Resp:	254390
Ion Ratio	Lower	Upper	
330	100		
332	94.7	77.0	115.6
141	36.9	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 66.273 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF102310.D
 Acq: 22 Jan 2018 20:16

Tgt Ion:	172	Resp:	1091690
Ion Ratio	Lower	Upper	
172	100		
171	35.8	29.7	44.5
170	24.0	19.6	29.4

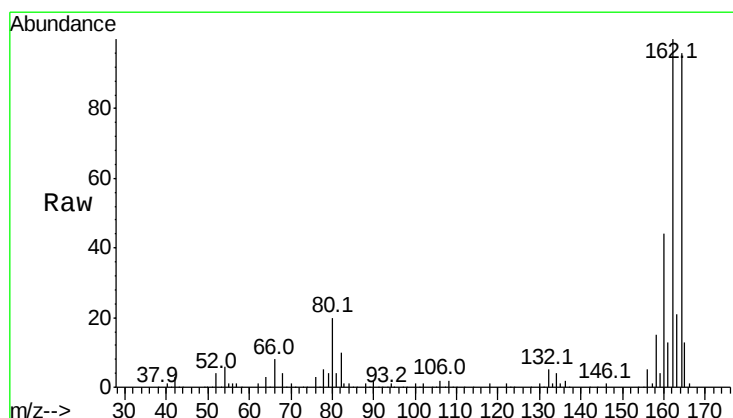
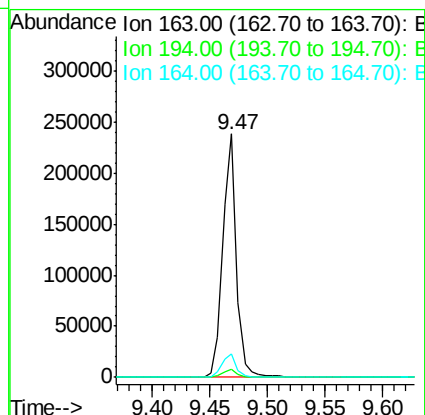
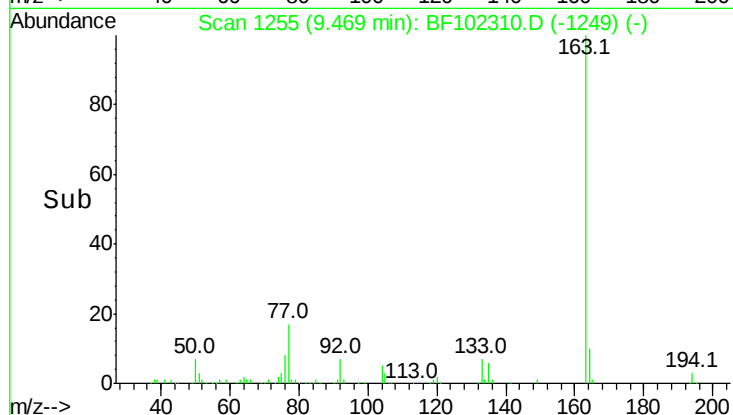




#49
Dimethylphthalate
Concen: 9.752 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF102310.D
Acq: 22 Jan 2018 20:16

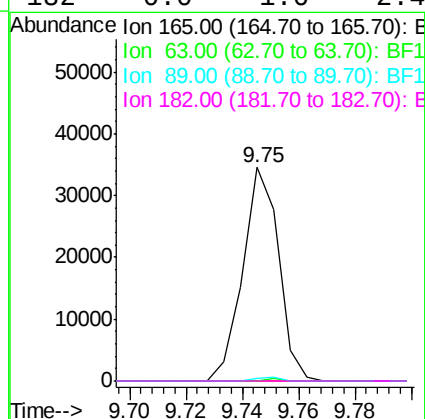
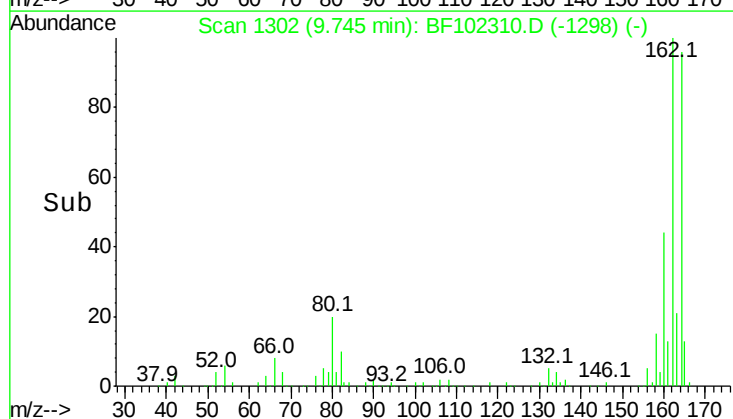
Instrument :
BNA_F
ClientSampleId :

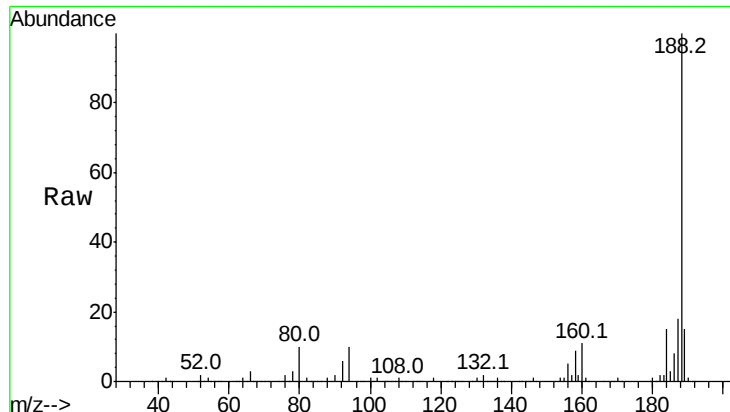
Tot Ion:163 Resp: 195224
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 9.7 8.2 12.2



#56
2,4-Dinitrotoluene
Concen: 5.743 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.21 min
Lab File: BF102310.D
Acq: 22 Jan 2018 20:16

Tgt Ion:165 Resp: 30482
Ion Ratio Lower Upper
165 100
63 0.0 36.4 54.6#
89 1.4 57.8 86.6#
182 0.0 1.6 2.4#

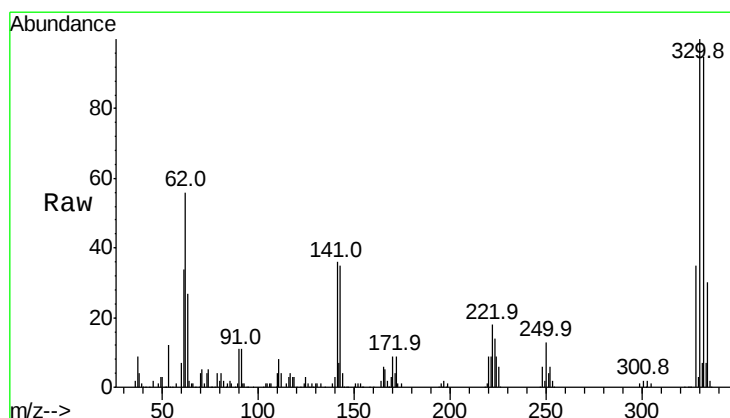
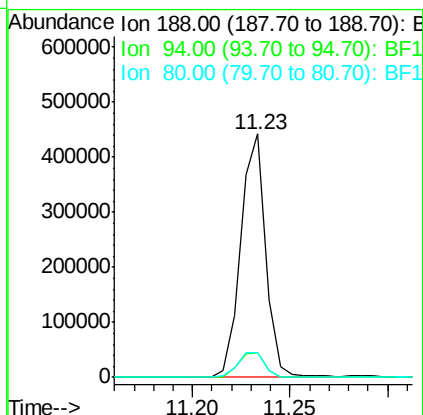
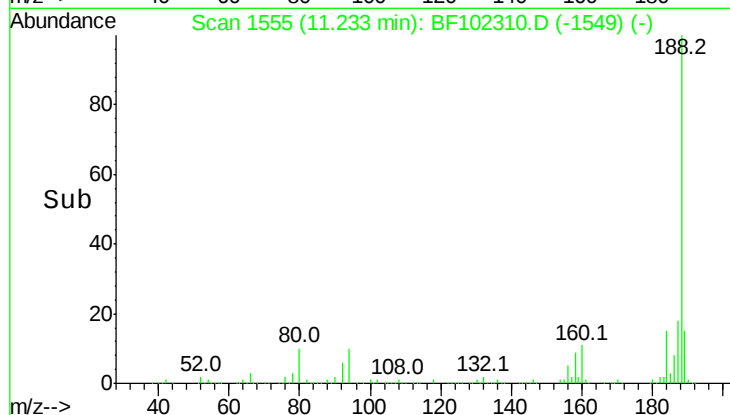




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.00 min
 Lab File: BF102310.D
 Acq: 22 Jan 2018 20:16

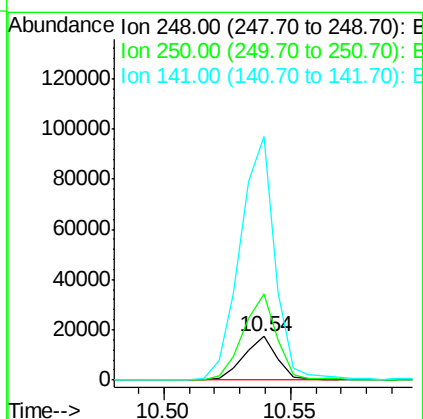
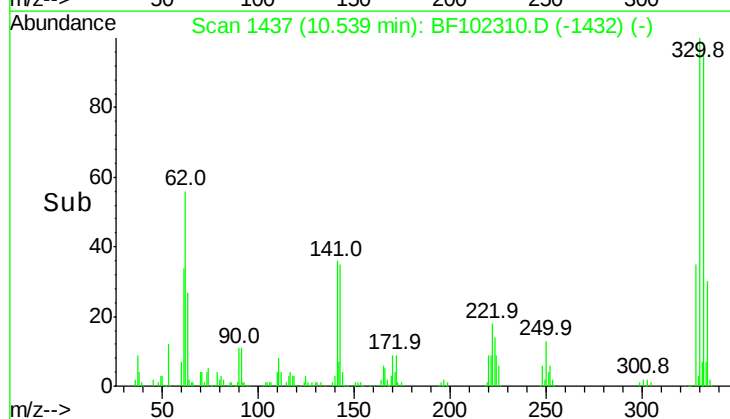
Instrument :
 BNA_F
 ClientSampleId :

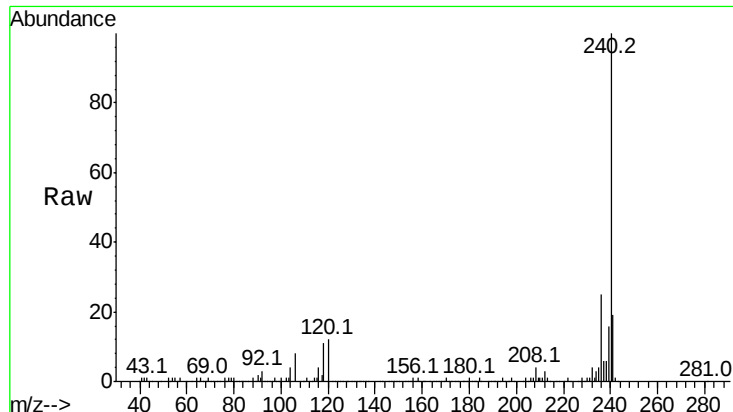
Tot Ion:188 Resp: 391050
 Ion Ratio Lower Upper
 188 100
 94 9.9 8.5 12.7
 80 10.1 9.2 13.8



#66
 4-Bromophenyl-phenylether
 Concen: 3.764 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.24 min
 Lab File: BF102310.D
 Acq: 22 Jan 2018 20:16

Tgt Ion:248 Resp: 15846
 Ion Ratio Lower Upper
 248 100
 250 197.3 76.9 115.3#
 141 558.5 74.4 111.6#

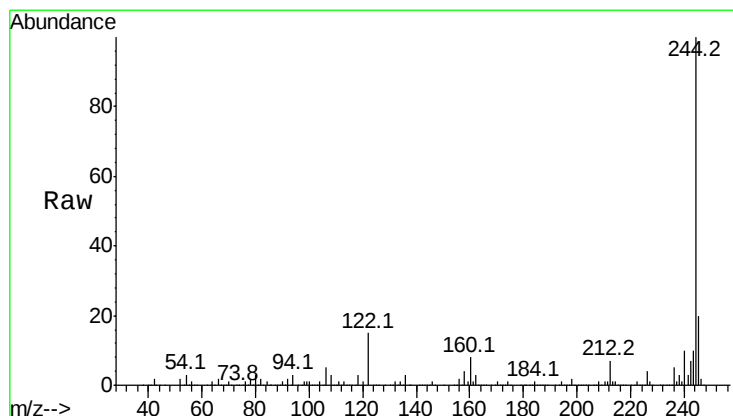
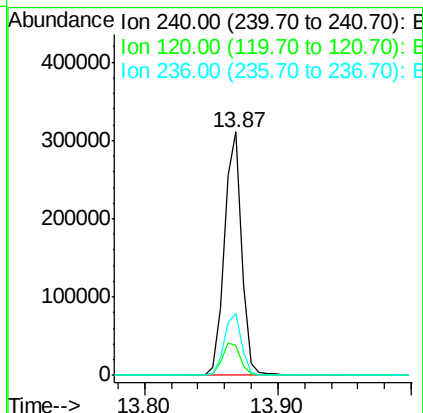
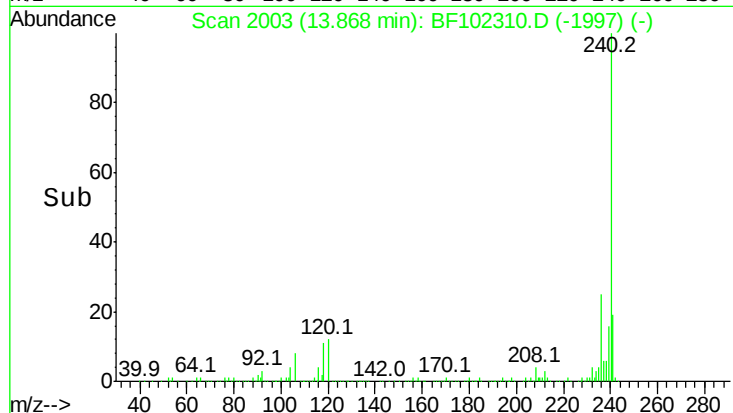




#75
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BF102310.D
 Acq: 22 Jan 2018 20:16

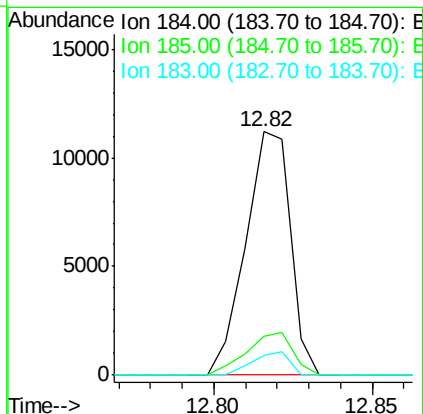
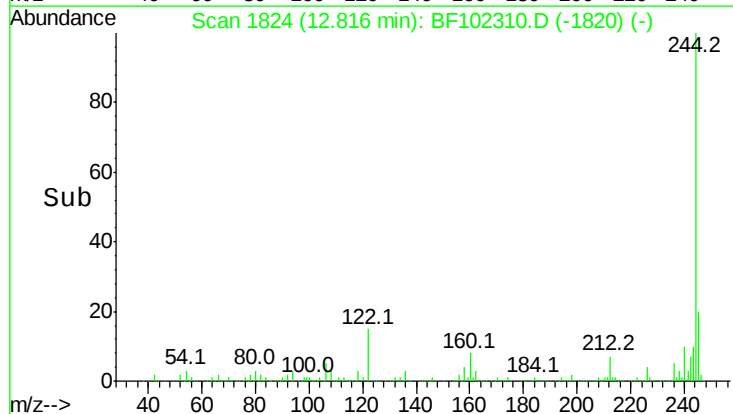
Instrument :
 BNA_F
 ClientSampleId :

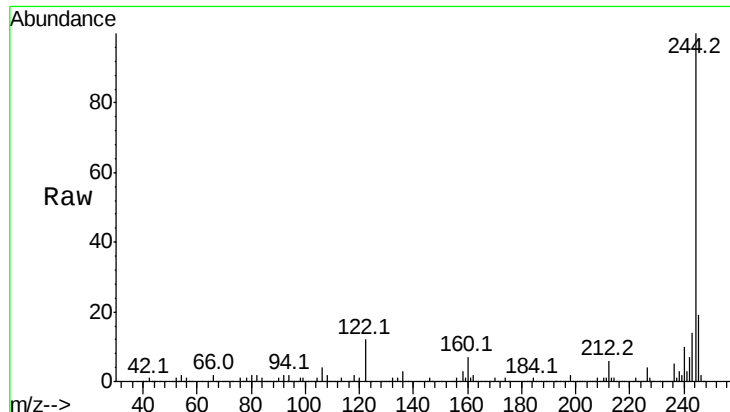
Tot Ion:240 Resp: 283619
 Ion Ratio Lower Upper
 240 100
 120 12.1 9.5 14.3
 236 25.3 20.7 31.1



#76
 Benzidine
 Concen: 1.150 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. 0.24 min
 Lab File: BF102310.D
 Acq: 22 Jan 2018 20:16

Tgt Ion:184 Resp: 10960
 Ion Ratio Lower Upper
 184 100
 185 16.1 12.6 18.8
 183 7.9 9.3 13.9#





#78

Terphenyl-d14

Concen: 66.840 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BF102310.D

Acq: 22 Jan 2018 20:16

Instrument :

BNA_F

ClientSampleId :

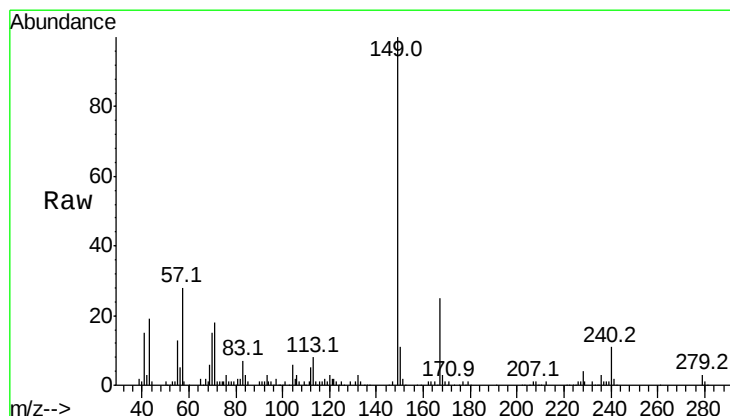
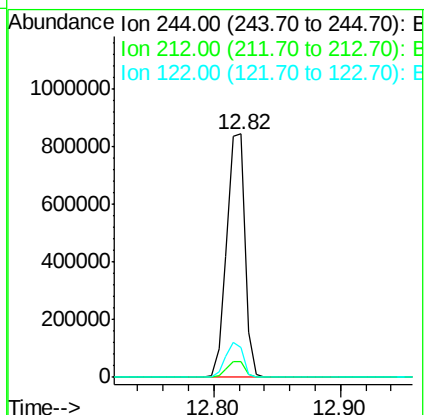
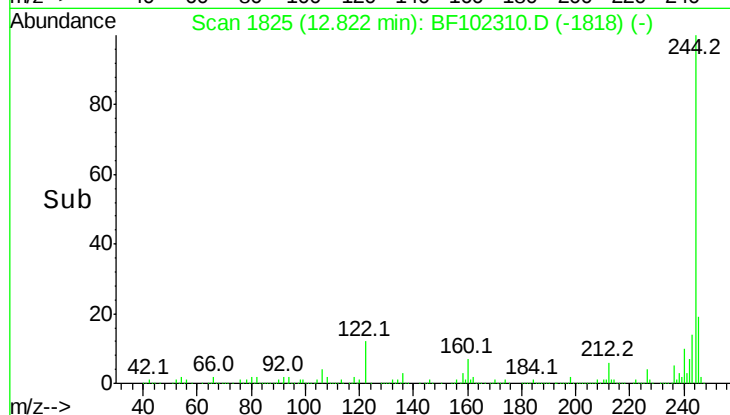
Tot Ion:244 Resp: 840910

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

122 12.3 11.0 16.4



#83

Bis(2-ethylhexyl)phthalate

Concen: 4.840 ng

RT: 13.85 min Scan# 2000

Delta R.T. -0.00 min

Lab File: BF102310.D

Acq: 22 Jan 2018 20:16

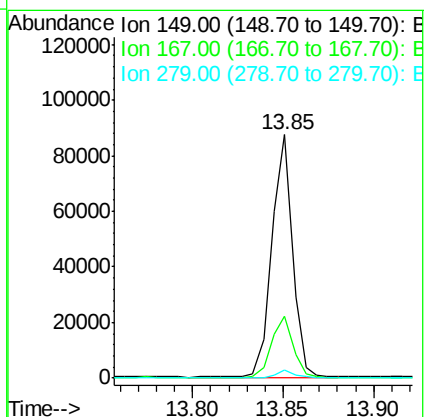
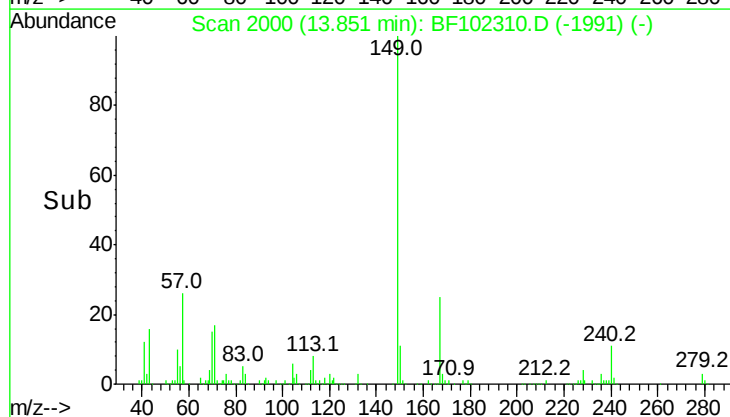
Tgt Ion:149 Resp: 70985

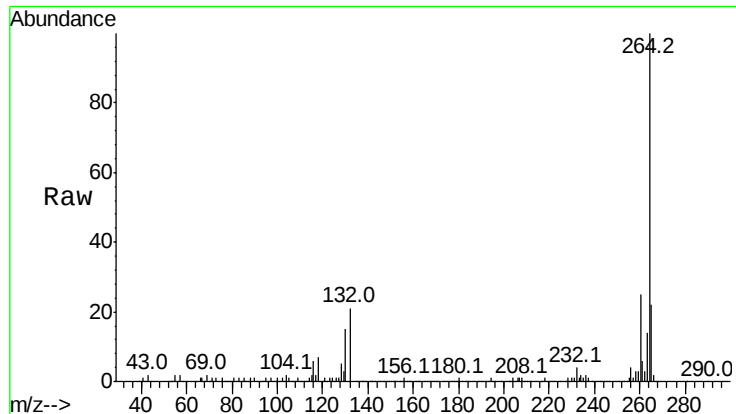
Ion Ratio Lower Upper

149 100

167 25.5 21.3 31.9

279 3.4 3.0 4.4





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.29 min Scan# 2245
 Delta R.T. -0.00 min
 Lab File: BF102310.D
 Acq: 22 Jan 2018 20:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264 Resp: 273923
 Ion Ratio Lower Upper
 264 100
 260 25.2 19.2 28.8
 265 21.9 17.5 26.3

