

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012218\
 Data File : BF102301.D
 Acq On : 22 Jan 2018 16:03
 Operator : SJ/JU
 Sample : J1228-22
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 23 00:07:24 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

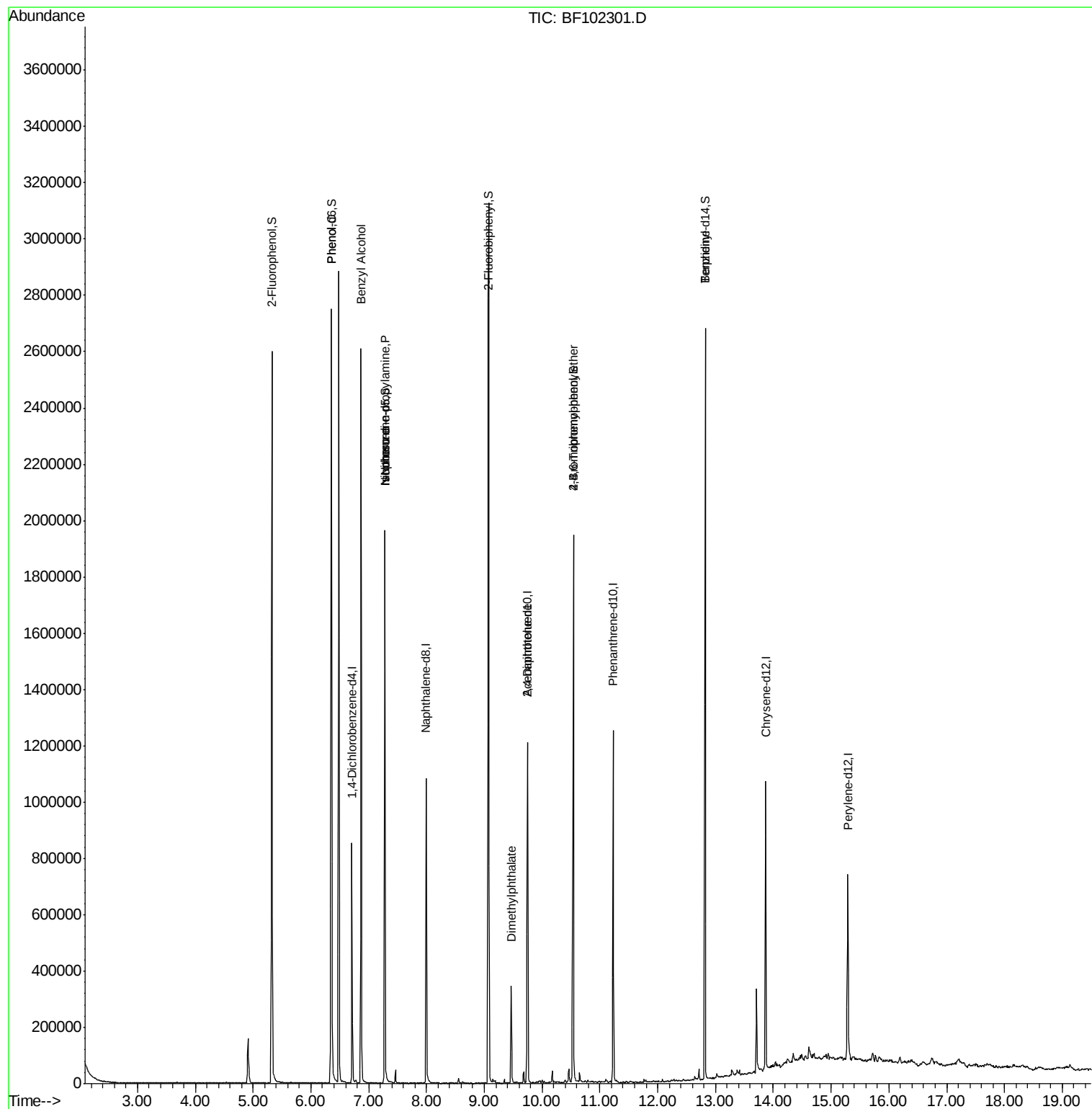
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	132667	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	566092	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	257575	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	445584	20.00	ng	0.00
75) Chrysene-d12	13.87	240	328663	20.00	ng	0.00
86) Perylene-d12	15.29	264	293789	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	857682	98.03	ng	0.00
7) Phenol-d6	6.36	99	1045584	99.12	ng	0.00
23) Nitrobenzene-d5	7.28	82	655110	66.50	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	238092	93.29	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1058782	60.44	ng	0.00
78) Terphenyl-d14	12.82	244	943772	64.74	ng	0.00
Target Compounds						
10) Phenol	6.36	94	47322	4.109	ng	81
15) Benzyl Alcohol	6.87	79	9934	1.335	ng	# 36
19) n-Nitroso-di-n-propylamine	7.28	70	85186	13.196	ng	# 80
25) Isophorone	7.28	82	645716	36.769	ng	# 64
49) Dimethylphthalate	9.47	163	145729	6.845	ng	100
56) 2,4-Dinitrotoluene	9.75	165	32225	5.709	ng	# 23
66) 4-Bromophenyl-phenylether	10.54	248	15429	3.217	ng	# 1
76) Benzidine	12.82	184	12125	1.098	ng	98

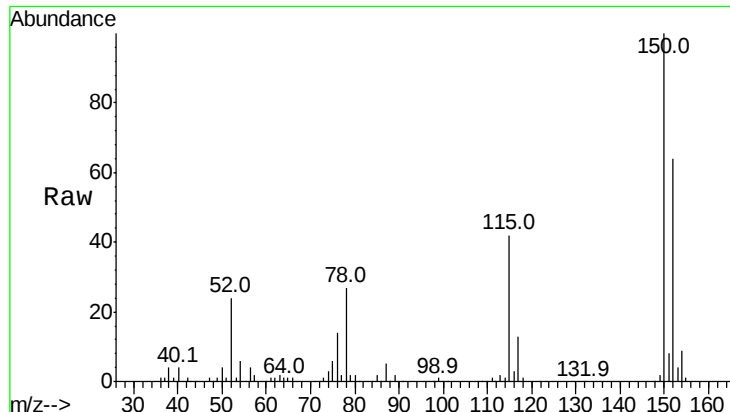
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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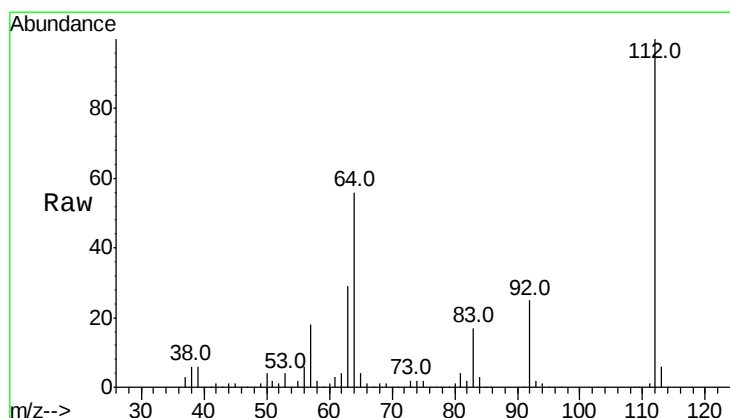
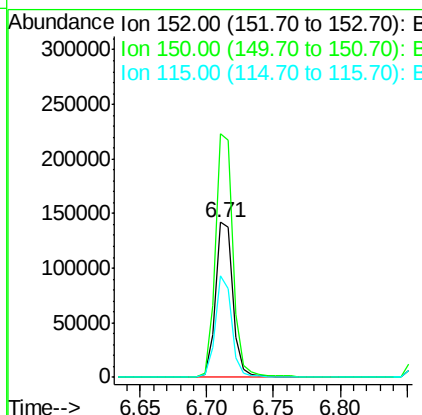
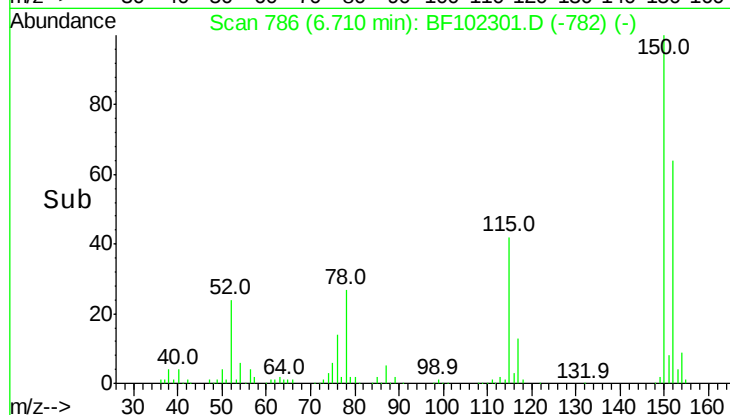


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.71 min Scan# 786
 Delta R.T. -0.01 min
 Lab File: BF102301.D
 Acq: 22 Jan 2018 16:03

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 132667

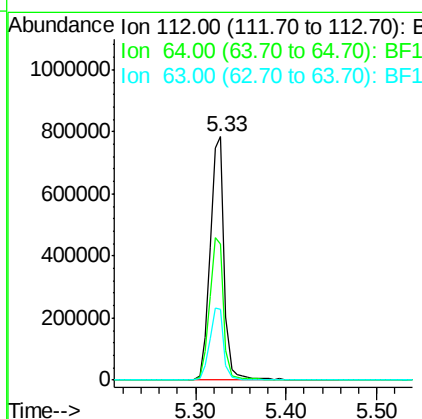
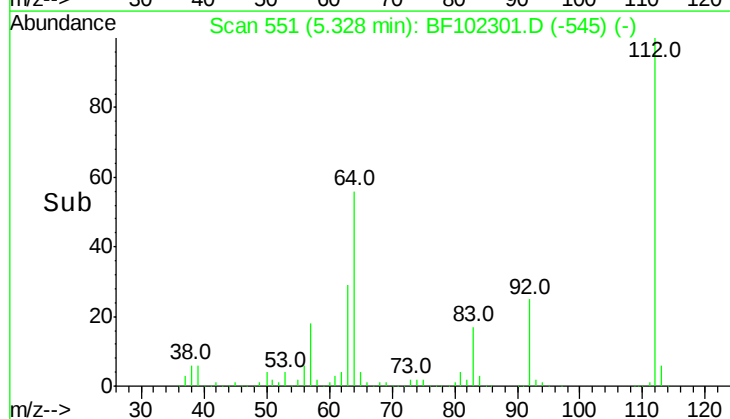
Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.6	186.8
115	65.7	50.1	75.1

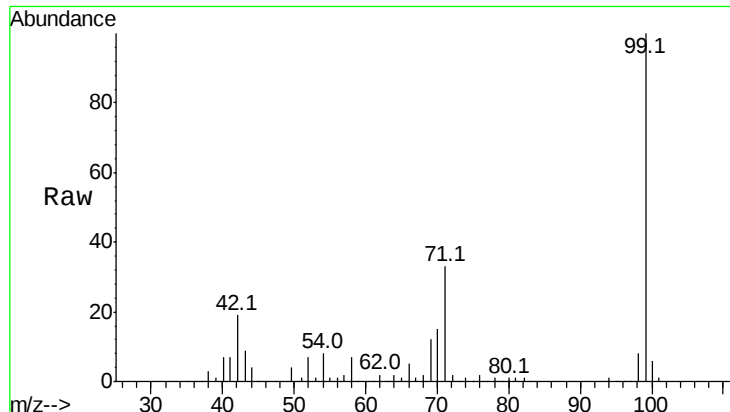


#5
 2-Fluorophenol
 Concen: 98.025 ng
 RT: 5.33 min Scan# 551
 Delta R.T. 0.01 min
 Lab File: BF102301.D
 Acq: 22 Jan 2018 16:03

Tgt Ion:112 Resp: 857682

Ion	Ratio	Lower	Upper
112	100		
64	55.9	47.9	71.9
63	29.0	23.7	35.5





#7

Phenol-d6

Concen: 99.122 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF102301.D

Acq: 22 Jan 2018 16:03

Instrument :

BNA_F

ClientSampleId :

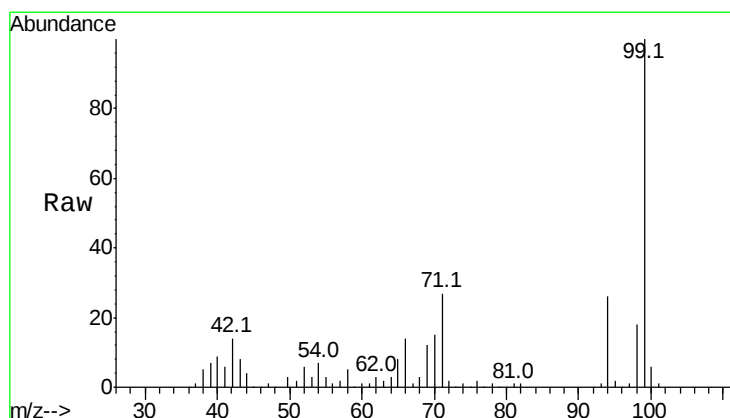
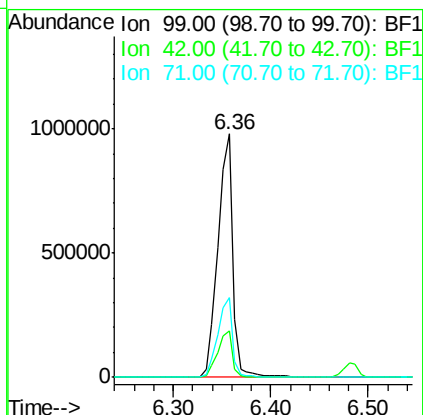
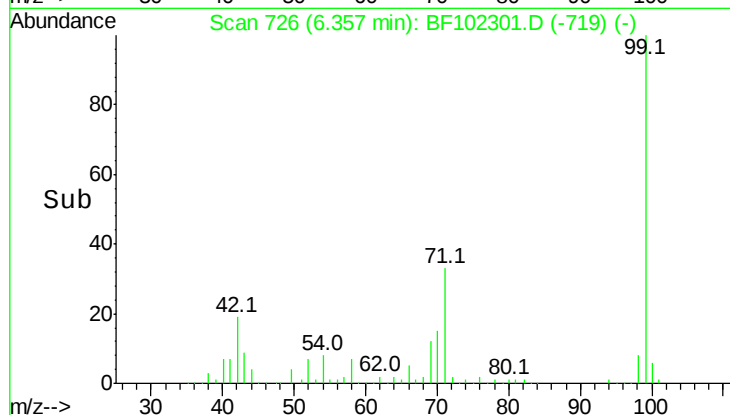
Tot Ion: 99 Resp: 1045584

Ion Ratio Lower Upper

99 100

42 18.9 14.5 21.7

71 32.8 25.4 38.0



#10

Phenol

Concen: 4.109 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF102301.D

Acq: 22 Jan 2018 16:03

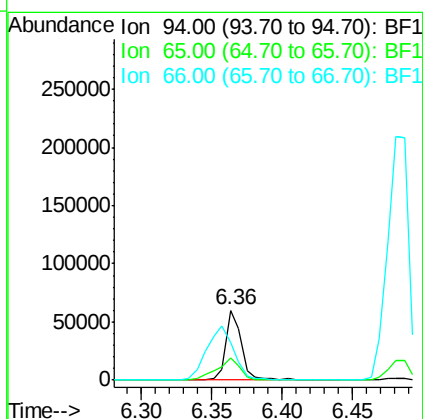
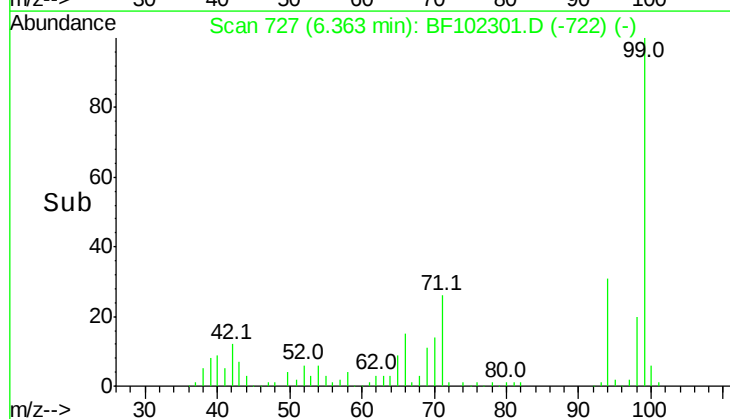
Tgt Ion: 94 Resp: 47322

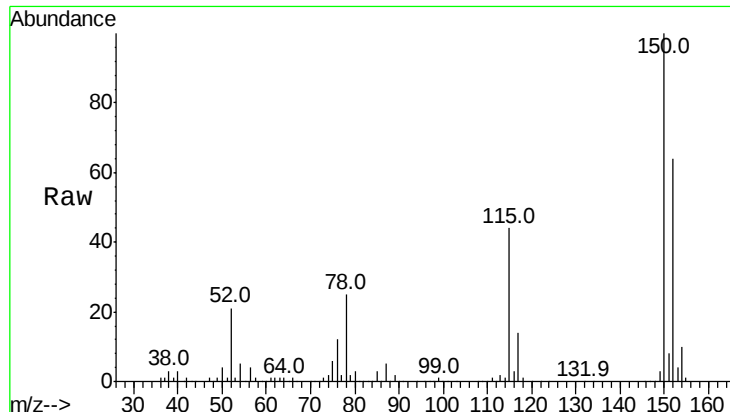
Ion Ratio Lower Upper

94 100

65 31.3 7.9 47.9

66 53.3 16.2 56.2





#15

Benzyl Alcohol

Concen: 1.335 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.01 min

Lab File: BF102301.D

Acq: 22 Jan 2018 16:03

Instrument :

BNA_F

ClientSampleId :

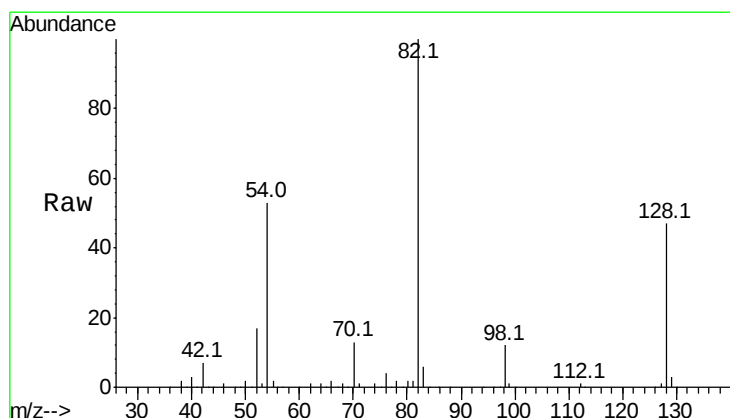
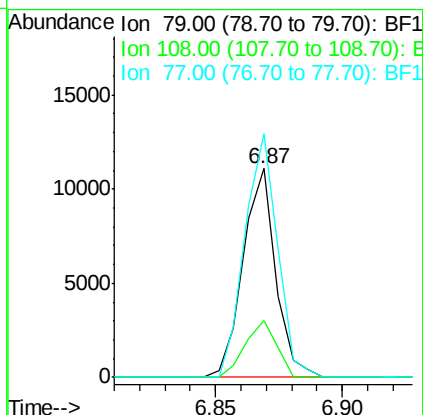
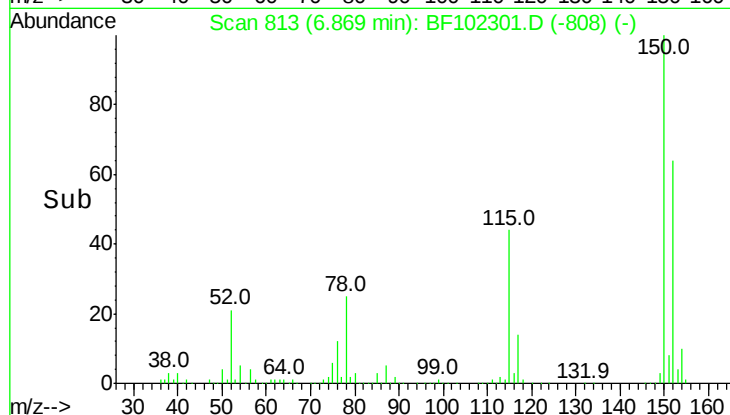
Tot Ion: 79 Resp: 9934

Ion Ratio Lower Upper

79 100

108 27.2 65.1 97.7#

77 116.6 50.6 75.8#



#19

n-Nitroso-di-n-propylamine

Concen: 13.196 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.14 min

Lab File: BF102301.D

Acq: 22 Jan 2018 16:03

Tgt Ion: 70 Resp: 85186

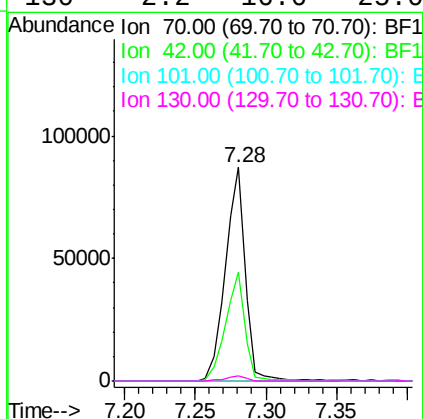
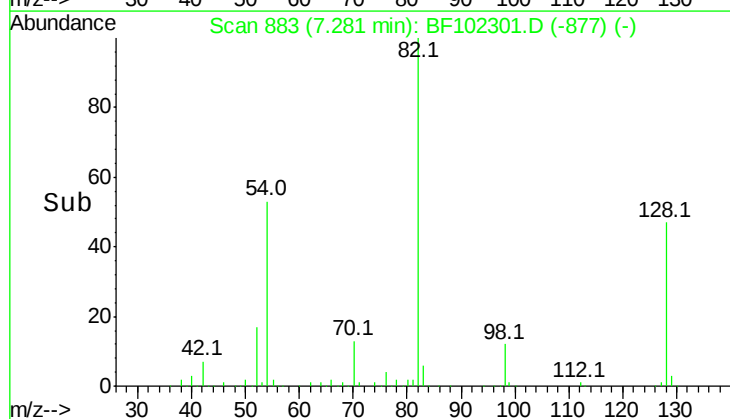
Ion Ratio Lower Upper

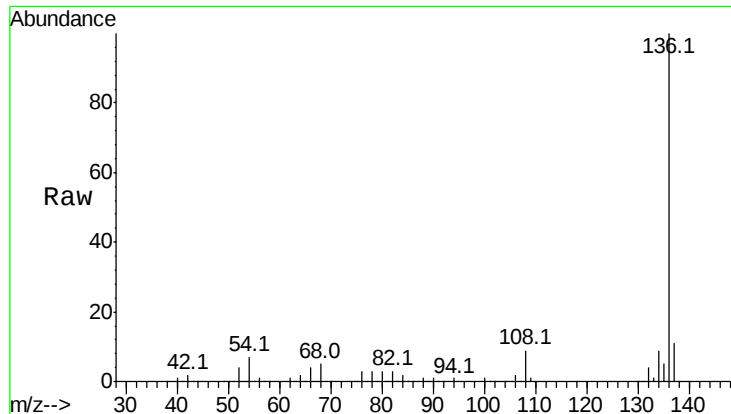
70 100

42 50.8 47.5 71.3

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

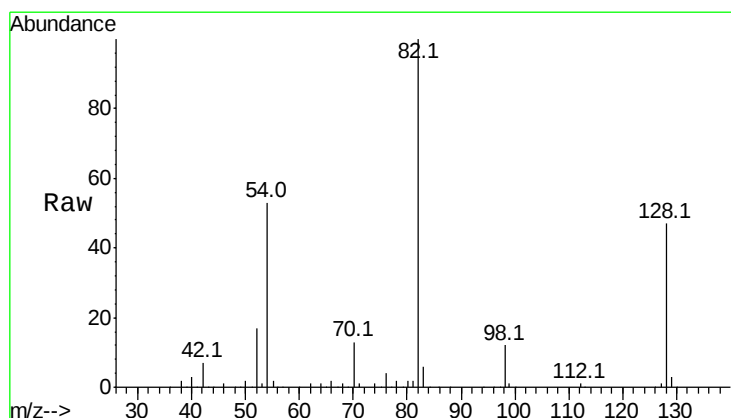
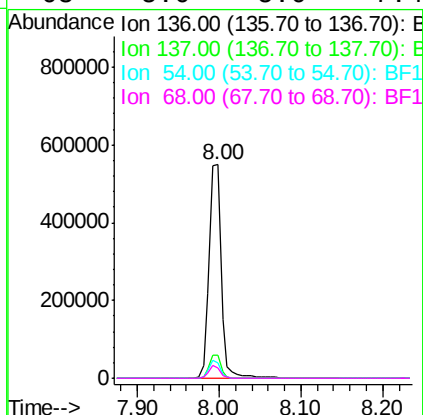
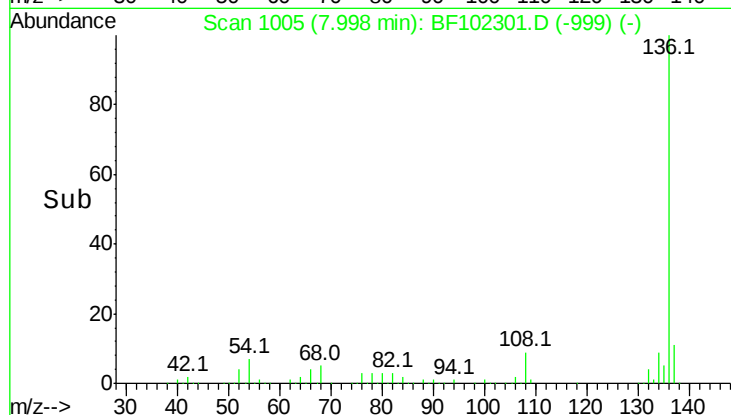




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF102301.D
Acq: 22 Jan 2018 16:03

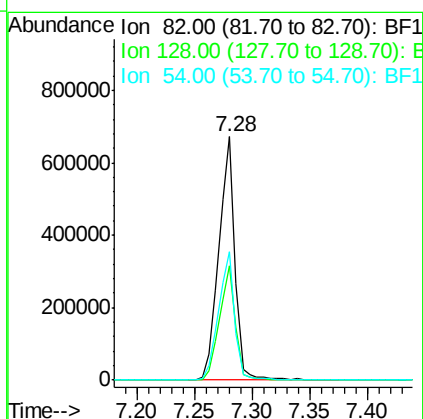
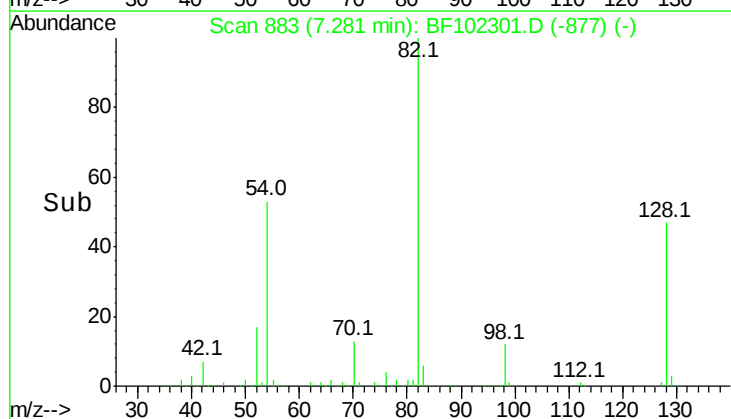
Instrument :
BNA_F
ClientSampleId :

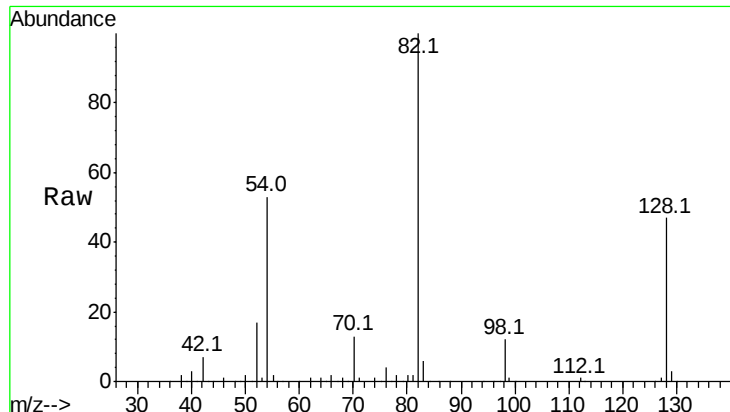
Tot Ion:136 Resp: 566092
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 7.0 6.6 9.8
68 5.0 5.0 7.4



#23
Nitrobenzene-d5
Concen: 66.504 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF102301.D
Acq: 22 Jan 2018 16:03

Tgt Ion: 82 Resp: 655110
Ion Ratio Lower Upper
82 100
128 46.8 36.1 54.1
54 53.0 41.4 62.2

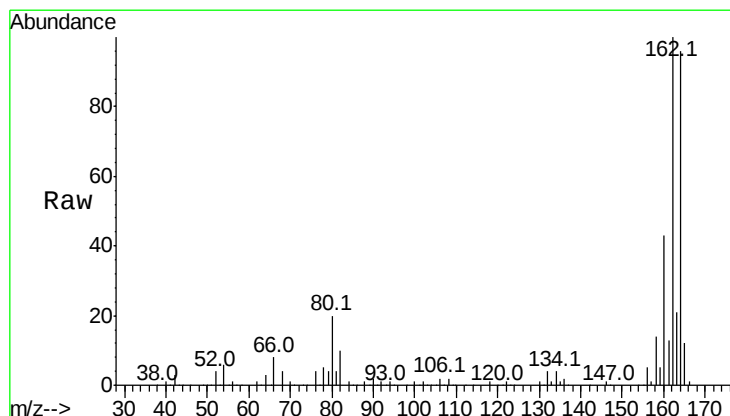
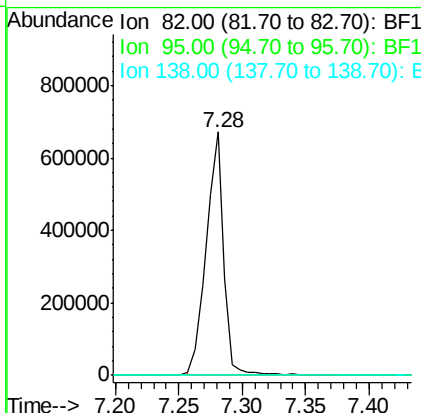
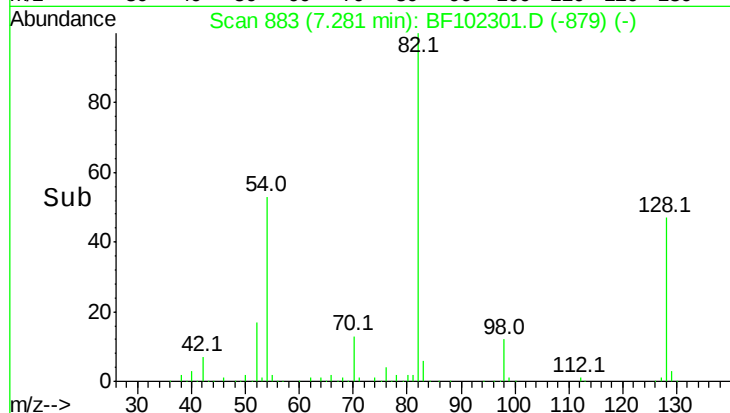




#25
 Isophorone
 Concen: 36.769 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.26 min
 Lab File: BF102301.D
 Acq: 22 Jan 2018 16:03

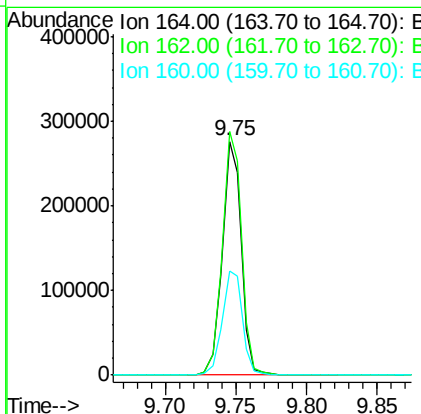
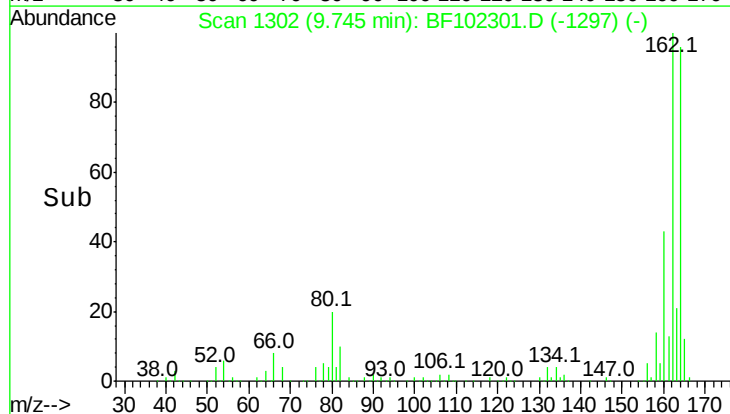
Tot Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

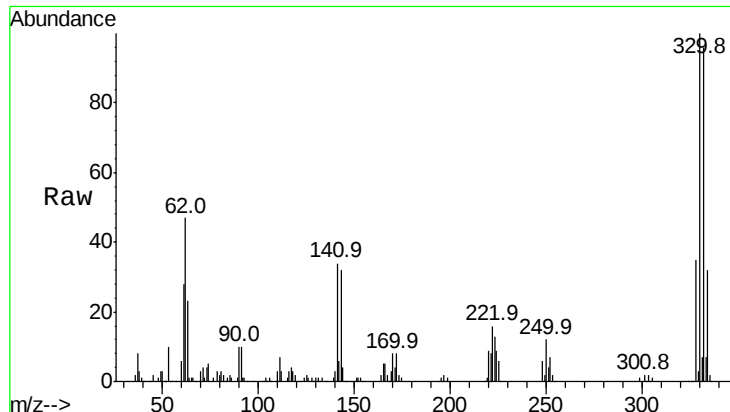
Instrument :
 BNA_F
 ClientSampleId :



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF102301.D
 Acq: 22 Jan 2018 16:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.1	86.1	129.1
160	44.3	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 93.289 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF102301.D

Acq: 22 Jan 2018 16:03

Instrument :

BNA_F

ClientSampleId :

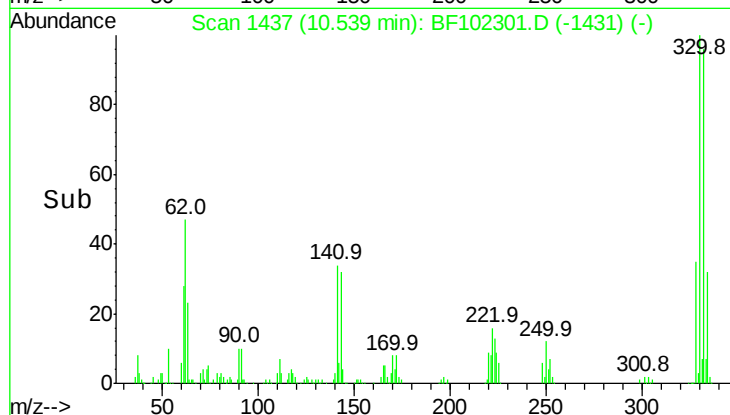
Tot Ion:330 Resp: 238092

Ion Ratio Lower Upper

330 100

332 95.6 77.0 115.6

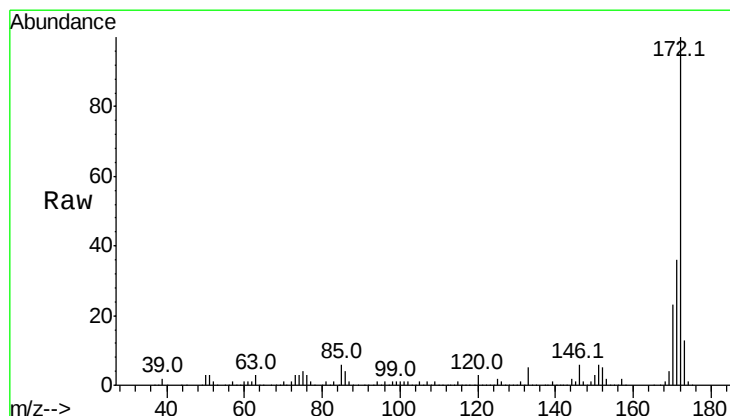
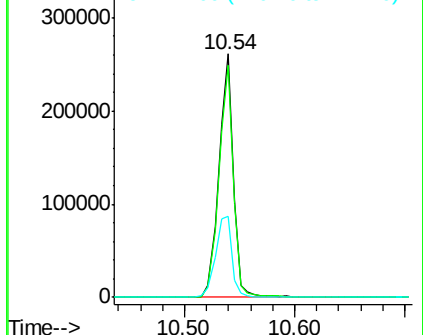
141 37.8 29.9 44.9



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: 60.440 ng

RT: 9.07 min Scan# 1188

Delta R.T. -0.01 min

Lab File: BF102301.D

Acq: 22 Jan 2018 16:03

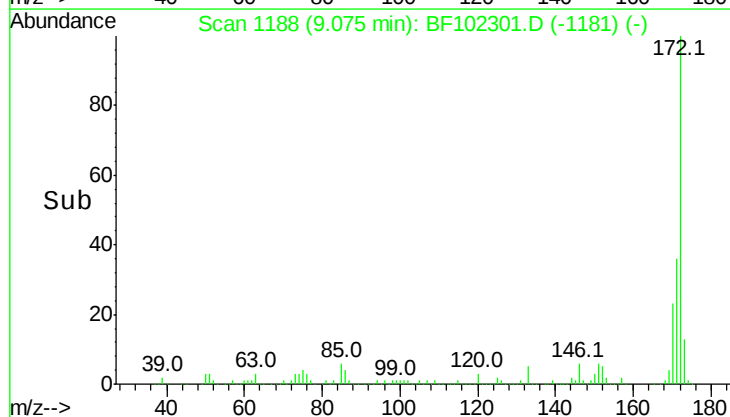
Tgt Ion:172 Resp: 1058782

Ion Ratio Lower Upper

172 100

171 36.4 29.7 44.5

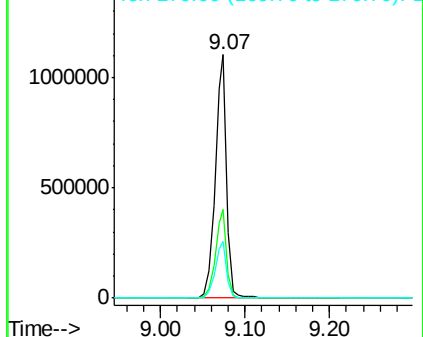
170 23.3 19.6 29.4

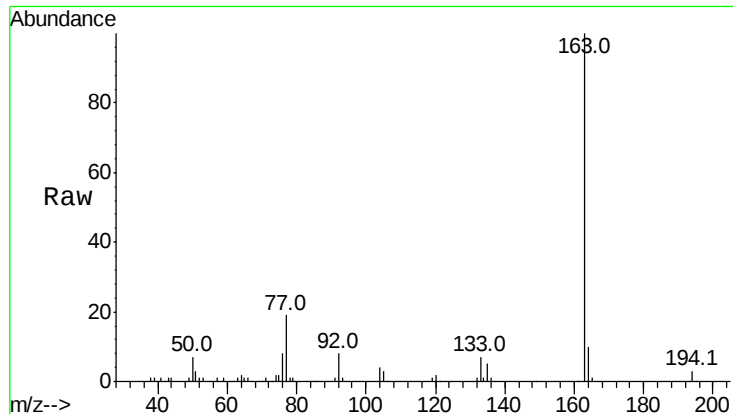


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

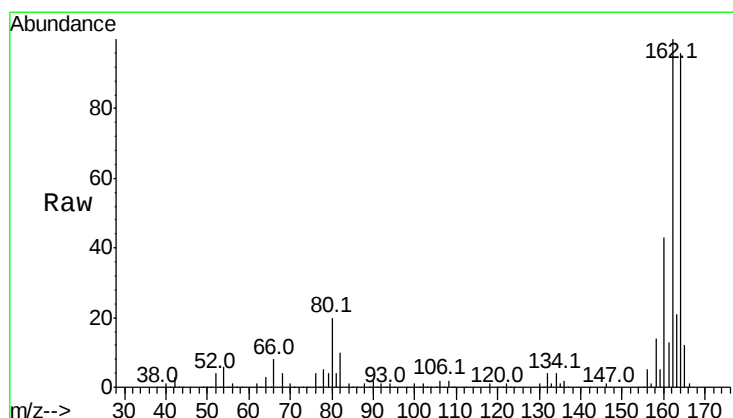
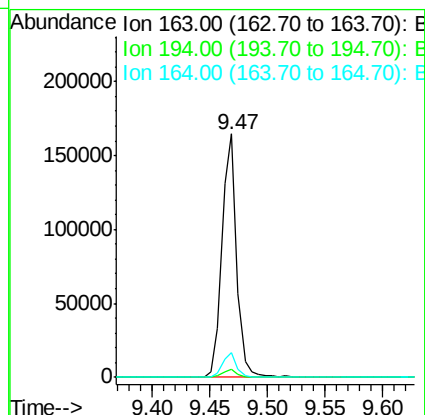
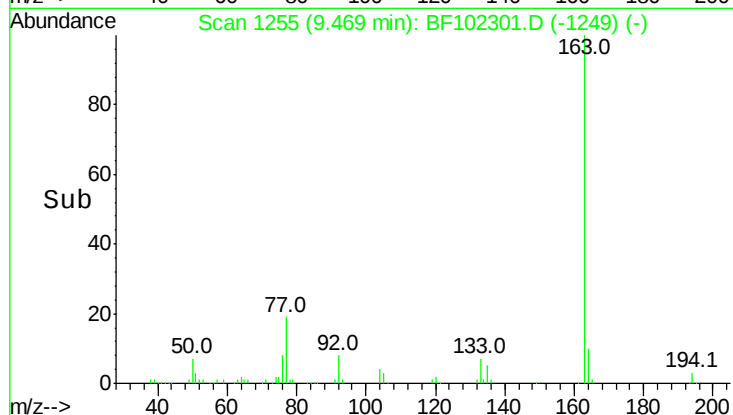




#49
Dimethylphthalate
Concen: 6.845 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF102301.D
Acq: 22 Jan 2018 16:03

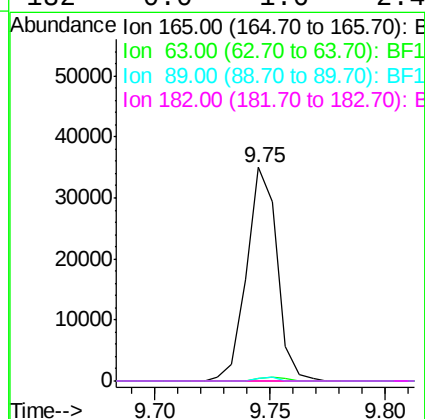
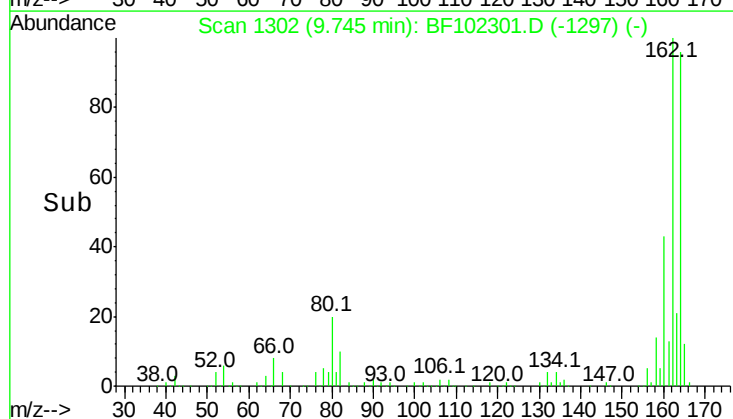
Instrument :
BNA_F
ClientSampleId :

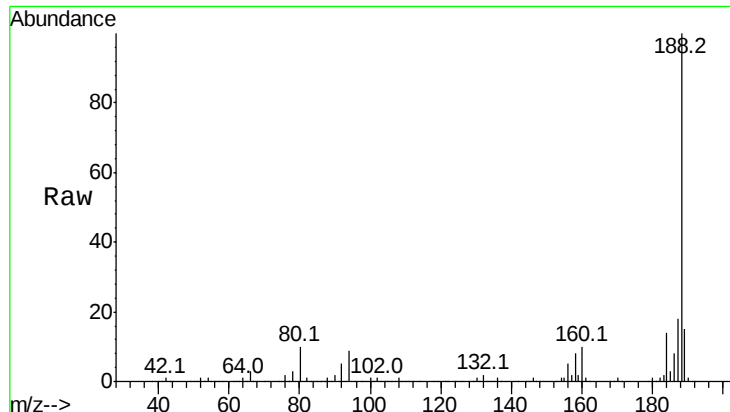
Tot Ion:163 Resp: 145729
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.0 8.2 12.2



#56
2,4-Dinitrotoluene
Concen: 5.709 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.21 min
Lab File: BF102301.D
Acq: 22 Jan 2018 16:03

Tgt Ion:165 Resp: 32225
Ion Ratio Lower Upper
165 100
63 1.0 36.4 54.6#
89 1.2 57.8 86.6#
182 0.0 1.6 2.4#

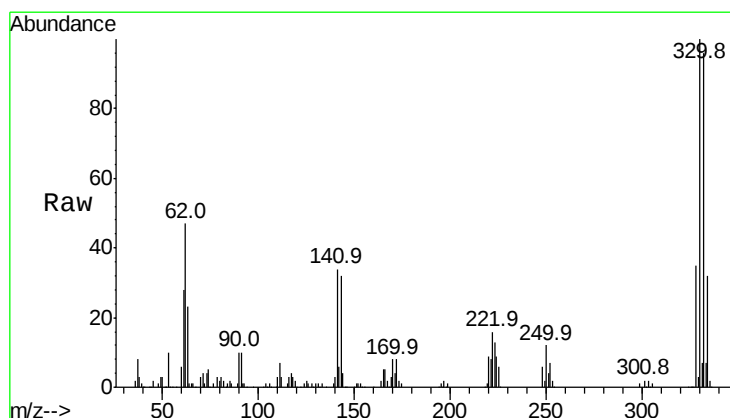
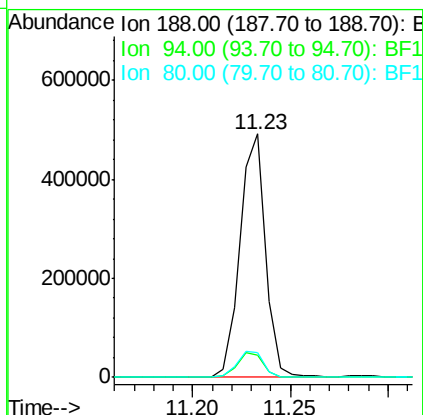
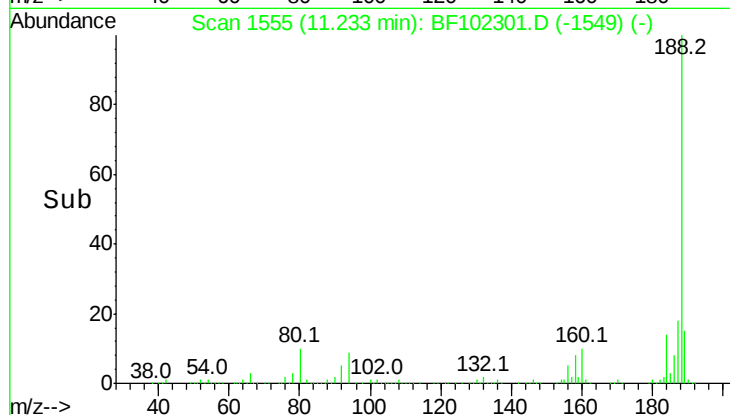




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.00 min
 Lab File: BF102301.D
 Acq: 22 Jan 2018 16:03

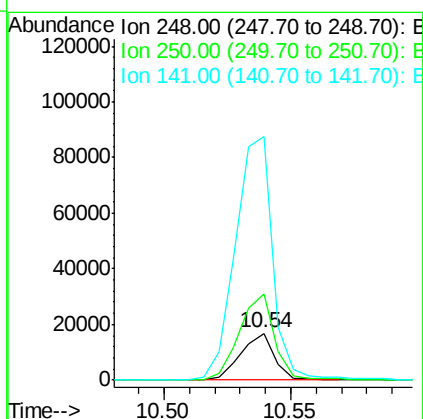
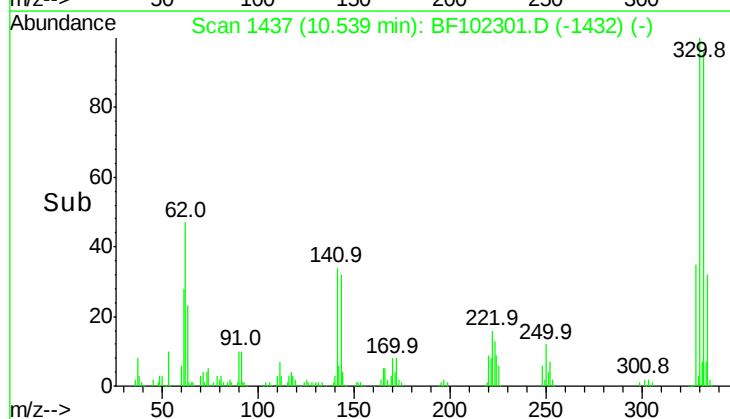
Instrument :
 BNA_F
 ClientSampleId :

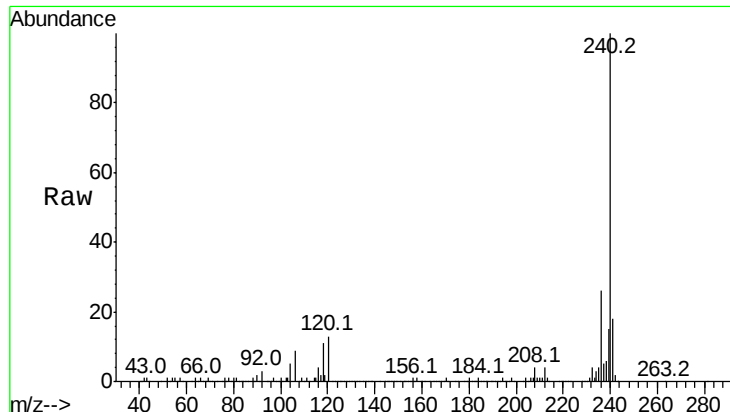
Tot Ion:188 Resp: 445584
 Ion Ratio Lower Upper
 188 100
 94 9.4 8.5 12.7
 80 10.3 9.2 13.8



#66
 4-Bromophenyl-phenylether
 Concen: 3.217 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.24 min
 Lab File: BF102301.D
 Acq: 22 Jan 2018 16:03

Tgt Ion:248 Resp: 15429
 Ion Ratio Lower Upper
 248 100
 250 185.4 76.9 115.3#
 141 522.2 74.4 111.6#

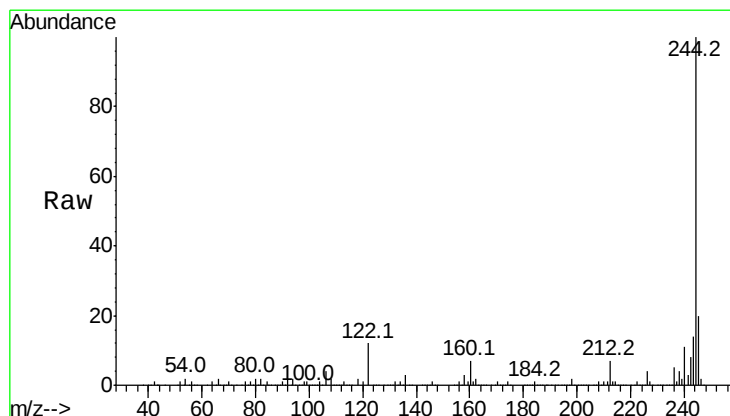
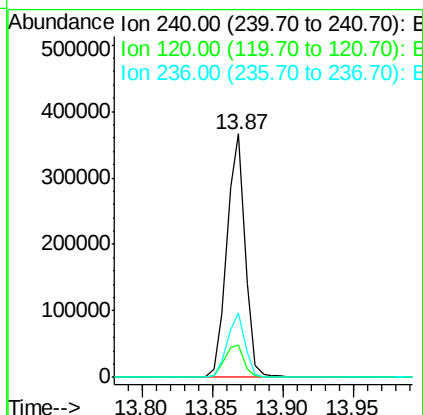
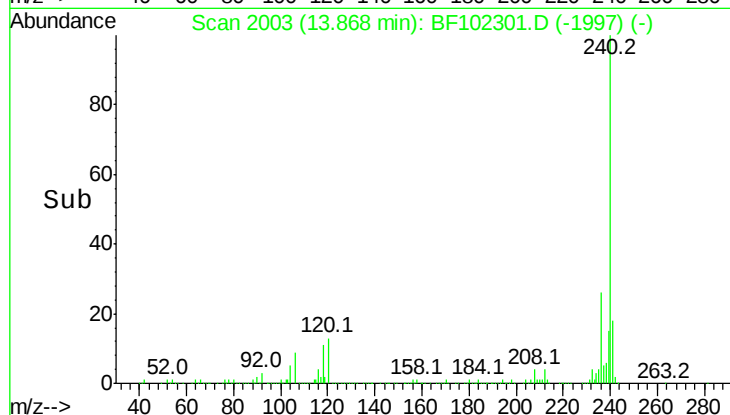




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BF102301.D
 Acq: 22 Jan 2018 16:03

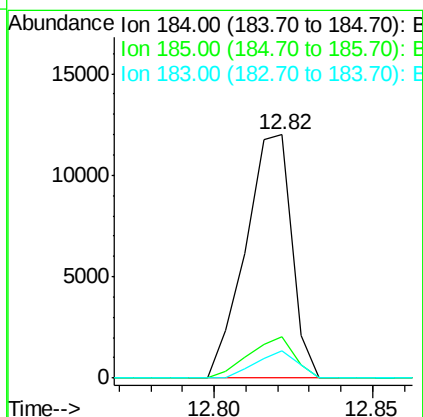
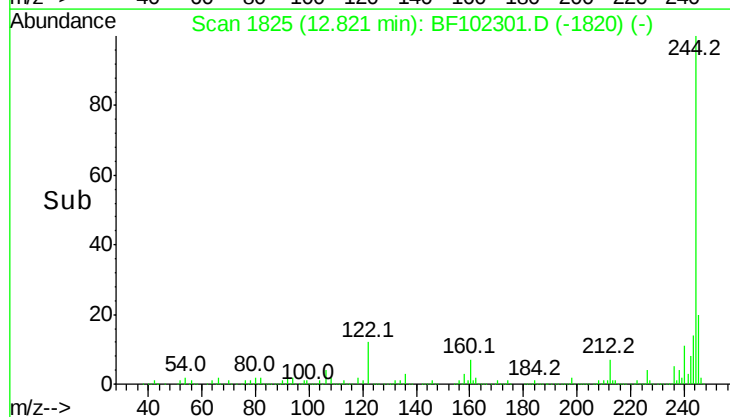
Instrument :
 BNA_F
 ClientSampled :

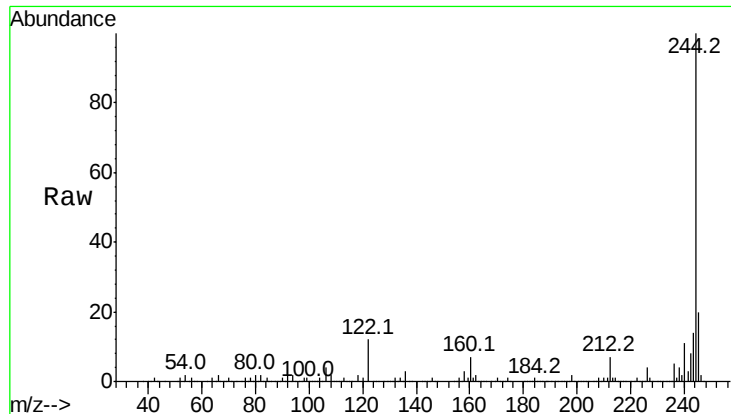
Tot Ion:240 Resp: 328663
 Ion Ratio Lower Upper
 240 100
 120 13.5 9.5 14.3
 236 26.4 20.7 31.1



#76
 Benzidine
 Concen: 1.098 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. 0.25 min
 Lab File: BF102301.D
 Acq: 22 Jan 2018 16:03

Tgt Ion:184 Resp: 12125
 Ion Ratio Lower Upper
 184 100
 185 17.1 12.6 18.8
 183 11.2 9.3 13.9

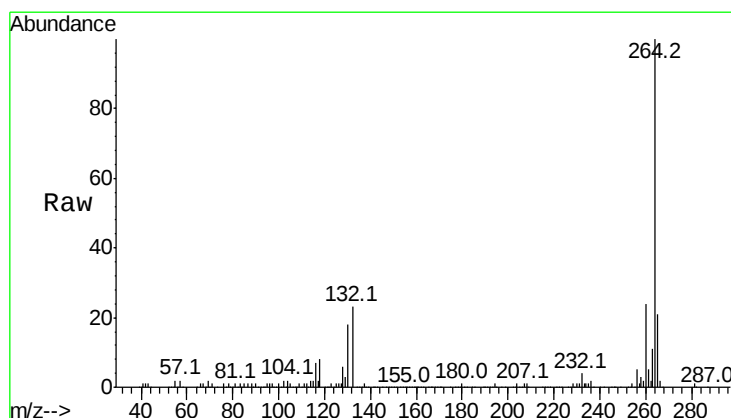
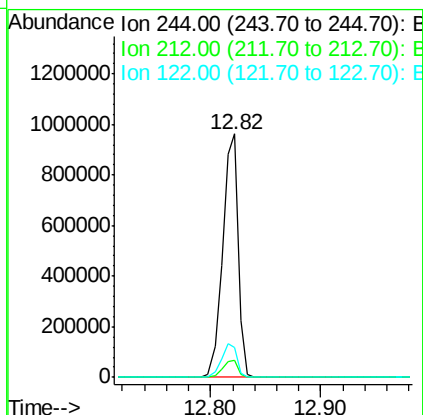
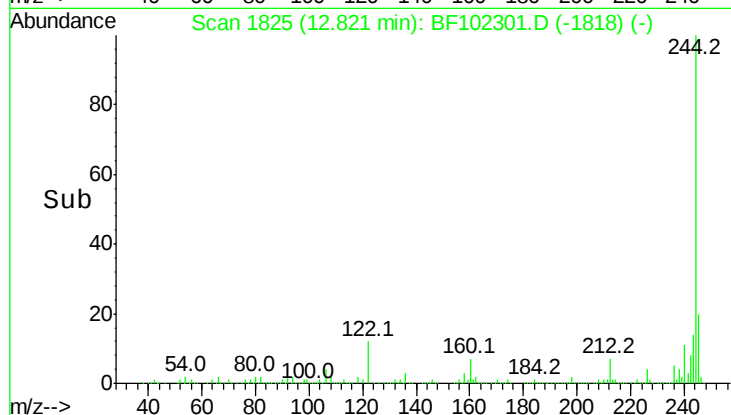




#78
 Terphenyl-d14
 Concen: 64.735 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: BF102301.D
 Acq: 22 Jan 2018 16:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 943772
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 12.3 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.29 min Scan# 2244
 Delta R.T. -0.01 min
 Lab File: BF102301.D
 Acq: 22 Jan 2018 16:03

Tgt Ion:264 Resp: 293789
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.2 17.5 26.3

