

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012218\
 Data File : BF102299.D
 Acq On : 22 Jan 2018 15:09
 Operator : SJ/JU
 Sample : PB105837BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 23 00:06:34 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

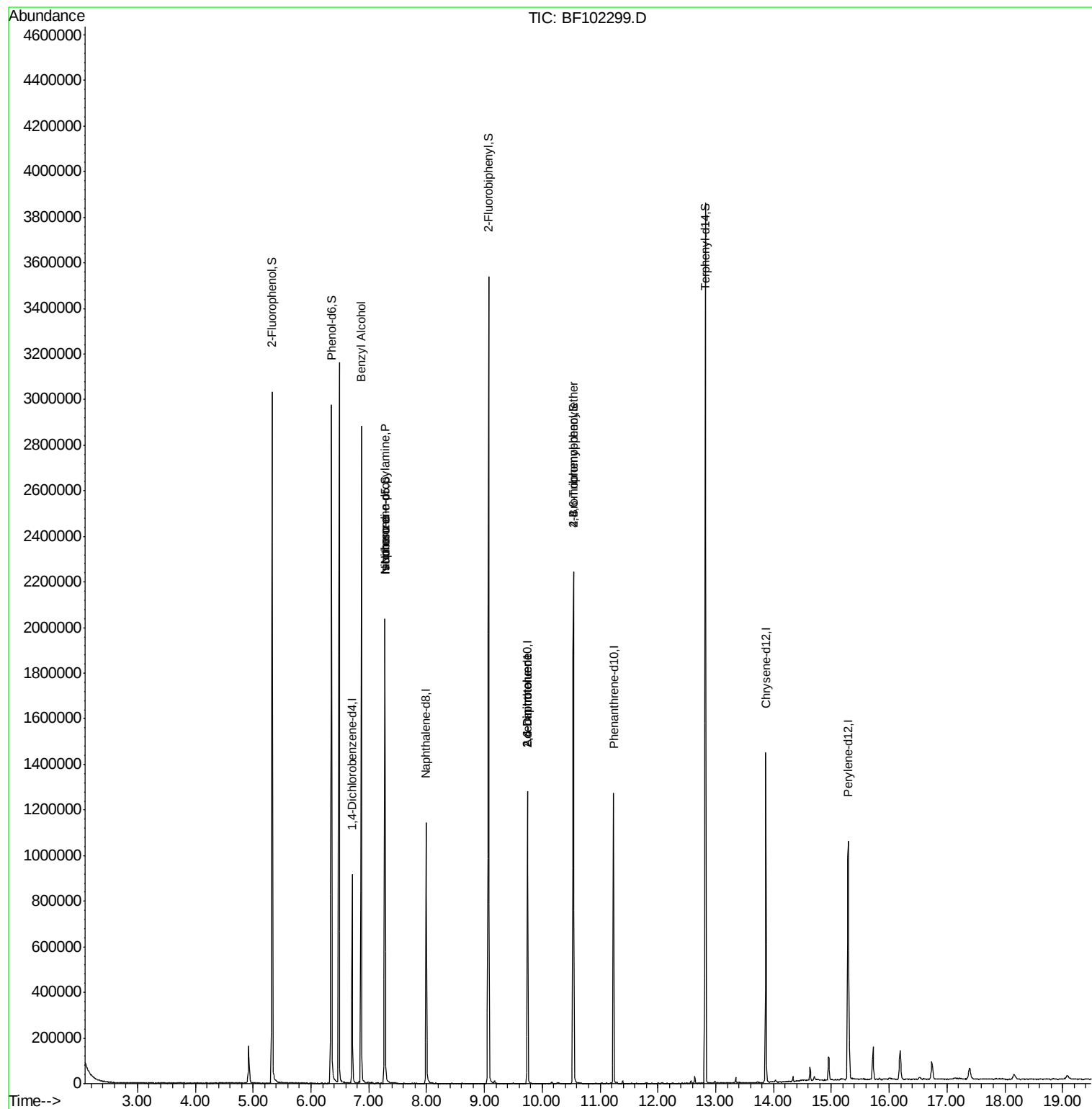
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	133248	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	565776	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	262500	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	481262	20.00	ng	0.00
75) Chrysene-d12	13.87	240	469134	20.00	ng	0.00
86) Perylene-d12	15.29	264	450407	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	988785	112.52	ng	0.00
7) Phenol-d6	6.36	99	1158339	109.33	ng	0.00
23) Nitrobenzene-d5	7.28	82	736501	74.81	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	283610	109.04	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1365942	76.51	ng	0.00
78) Terphenyl-d14	12.82	244	1440881	69.24	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.87	79	11440	1.530	ng	# 36
19) n-Nitroso-di-n-propylamine	7.28	70	95812	14.778	ng	# 79
25) Isophorone	7.28	82	728915	41.530	ng	# 64
50) 2,6-Dinitrotoluene	9.75	165	33202	7.098	ng	# 26
56) 2,4-Dinitrotoluene	9.75	165	33202	5.772	ng	# 23
66) 4-Bromophenyl-phenylether	10.54	248	17964	3.467	ng	# 1

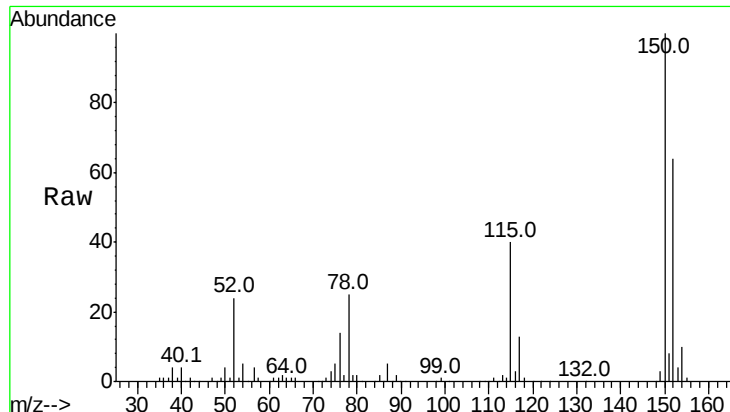
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012218\
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Response via : Initial Calibration

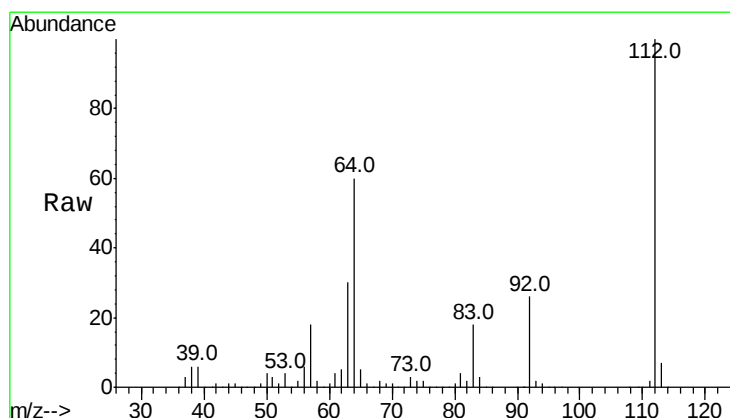
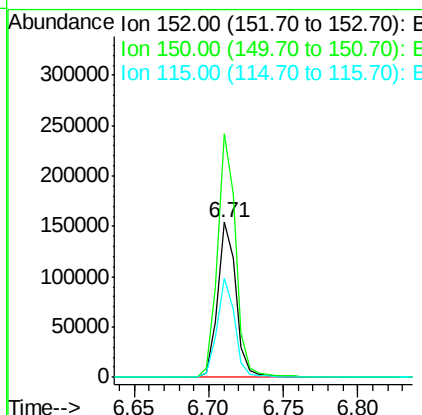
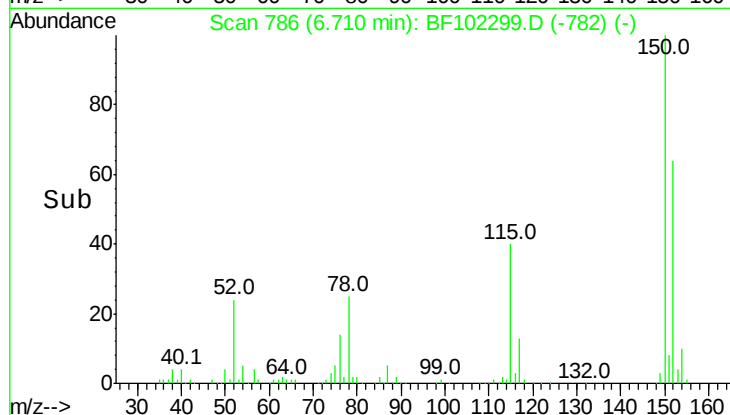




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.71 min Scan# 786
 Delta R.T. -0.01 min
 Lab File: BF102299.D
 Acq: 22 Jan 2018 15:09

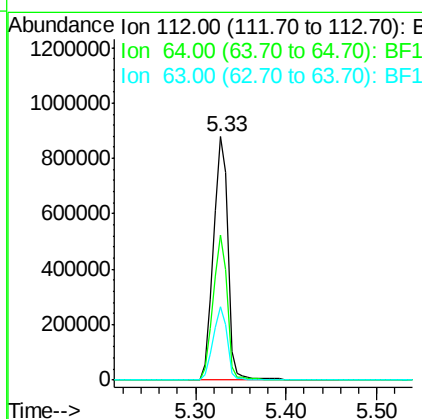
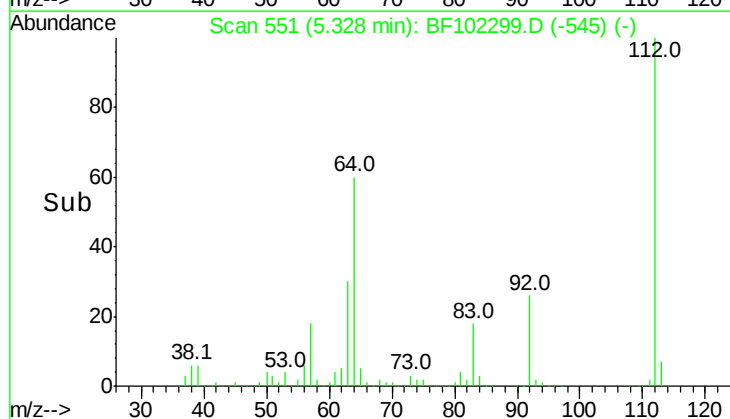
Instrument :
 BNA_F
 ClientSampleId :

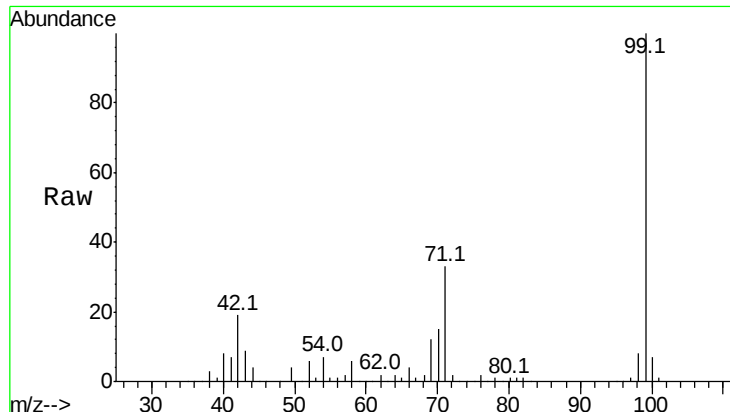
Tot Ion:152 Resp: 133248
 Ion Ratio Lower Upper
 152 100
 150 156.9 124.6 186.8
 115 63.4 50.1 75.1



#5
 2-Fluorophenol
 Concen: 112.516 ng
 RT: 5.33 min Scan# 551
 Delta R.T. 0.01 min
 Lab File: BF102299.D
 Acq: 22 Jan 2018 15:09

Tgt Ion:112 Resp: 988785
 Ion Ratio Lower Upper
 112 100
 64 59.6 47.9 71.9
 63 30.4 23.7 35.5





#7

Phenol-d6

Concen: 109.332 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF102299.D

Acq: 22 Jan 2018 15:09

Instrument :

BNA_F

ClientSampled :

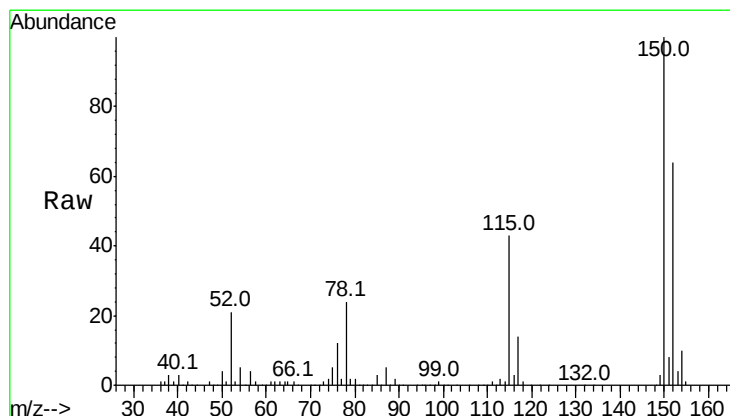
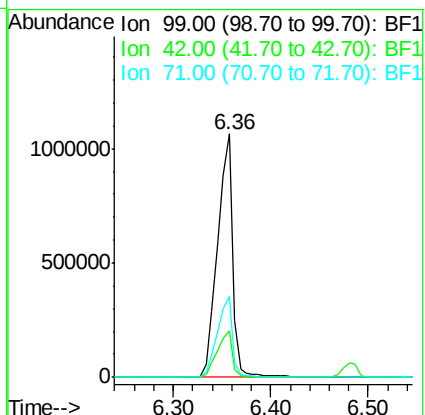
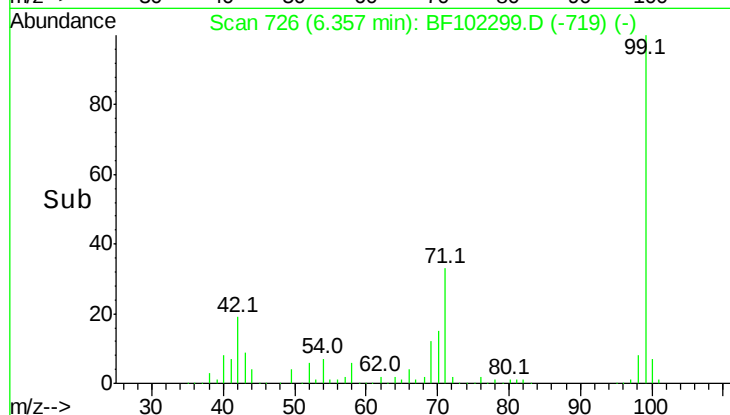
Tot Ion: 99 Resp: 1158339

Ion Ratio Lower Upper

99 100

42 18.8 14.5 21.7

71 33.3 25.4 38.0



#15

Benzyl Alcohol

Concen: 1.530 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.01 min

Lab File: BF102299.D

Acq: 22 Jan 2018 15:09

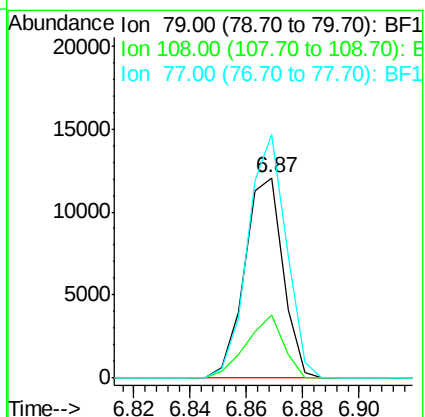
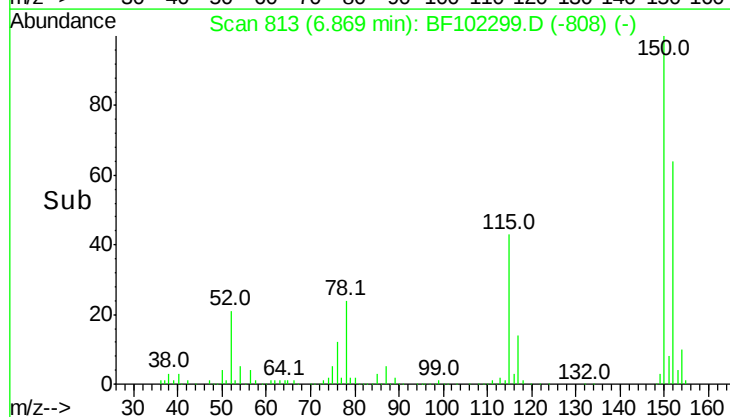
Tgt Ion: 79 Resp: 11440

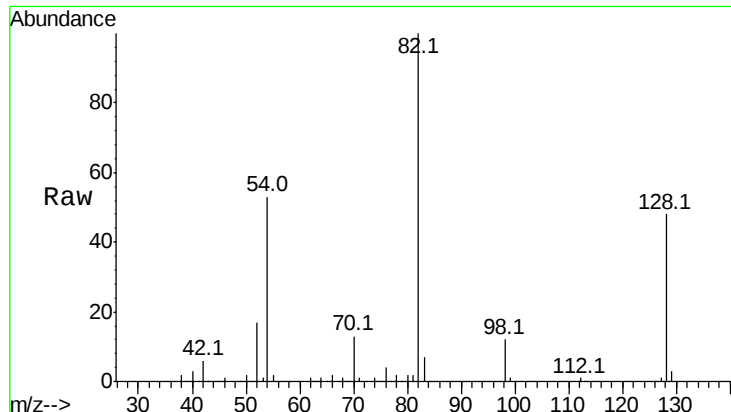
Ion Ratio Lower Upper

79 100

108 31.6 65.1 97.7#

77 121.5 50.6 75.8#

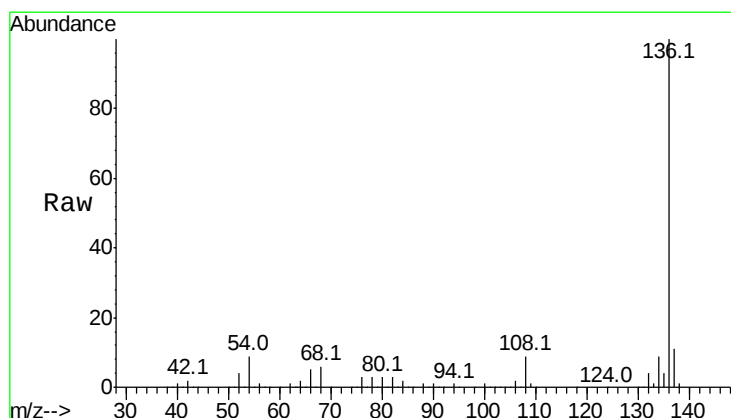
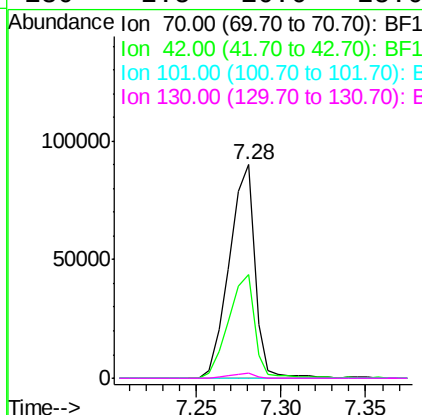
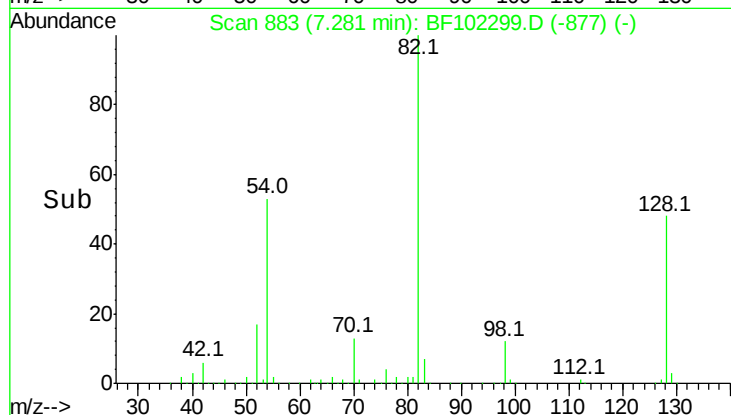




#19
 n-Nitroso-di-n-propylamine
 Concen: 14.778 ng
 RT: 7.28 min Scan# 883
 Delta R.T. 0.14 min
 Lab File: BF102299.D
 Acq: 22 Jan 2018 15:09

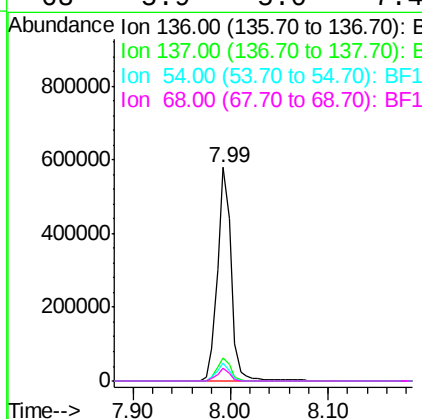
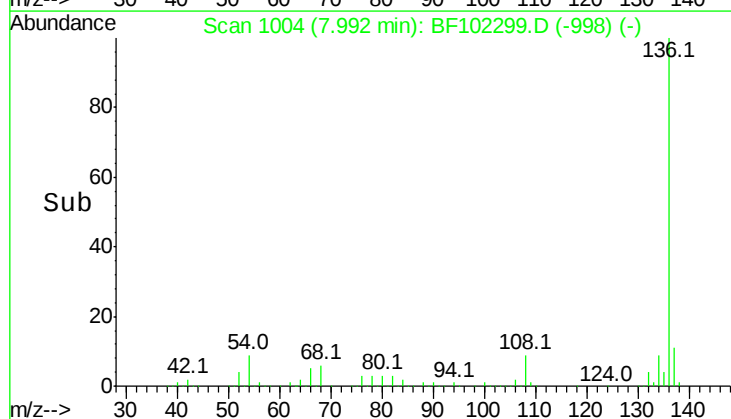
Instrument :
 BNA_F
 ClientSampleId :

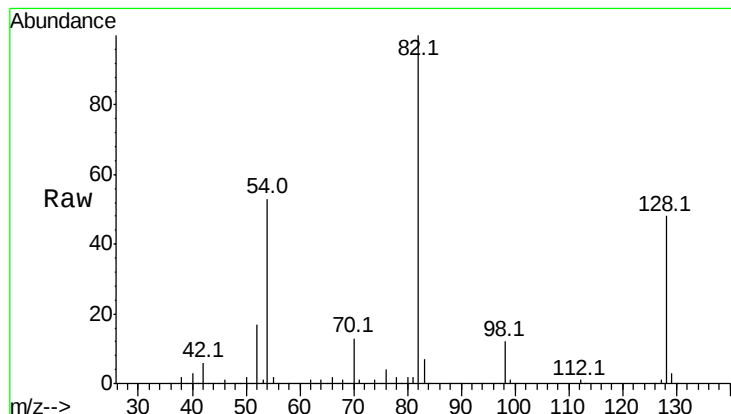
Tot Ion:	70	Resp:	95812
Ion	Ratio	Lower	Upper
70	100		
42	48.8	47.5	71.3
101	0.0	7.4	11.2#
130	2.5	16.6	25.0#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 7.99 min Scan# 1004
 Delta R.T. -0.01 min
 Lab File: BF102299.D
 Acq: 22 Jan 2018 15:09

Tgt Ion:	136	Resp:	565776
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.5	6.6	9.8
68	5.9	5.0	7.4





#23

Nitrobenzene-d5

Concen: 74.808 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF102299.D

Acq: 22 Jan 2018 15:09

Instrument :

BNA_F

ClientSampleId :

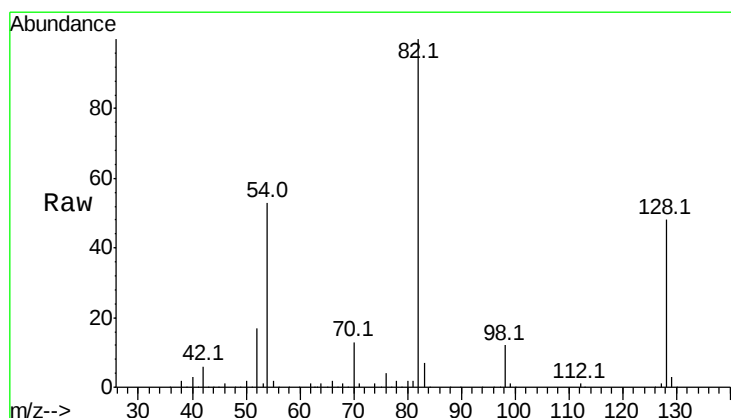
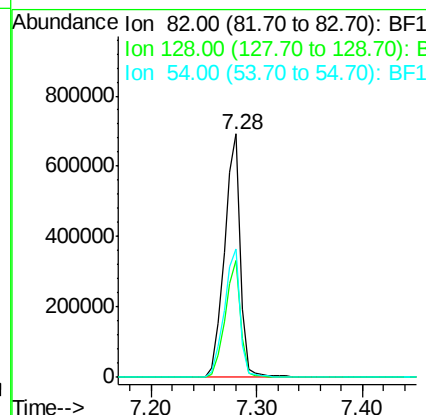
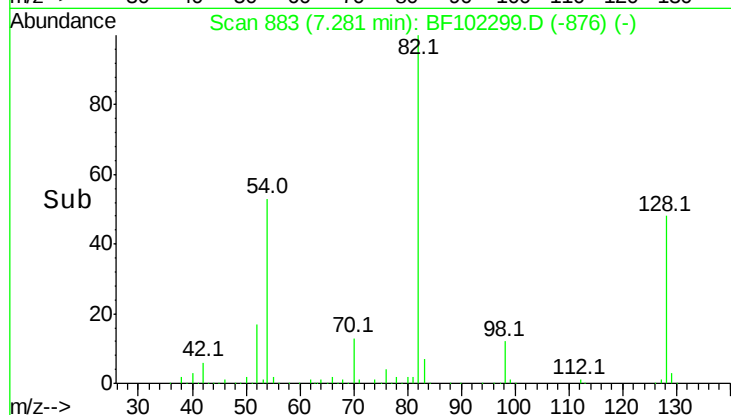
Tot Ion: 82 Resp: 736501

Ion Ratio Lower Upper

82 100

128 47.9 36.1 54.1

54 52.7 41.4 62.2



#25

Isophorone

Concen: 41.530 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.26 min

Lab File: BF102299.D

Acq: 22 Jan 2018 15:09

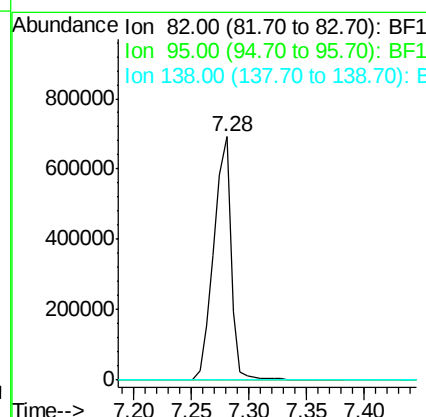
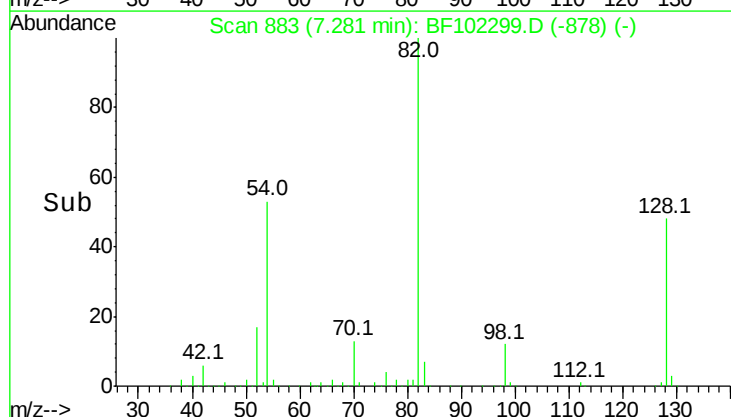
Tgt Ion: 82 Resp: 728915

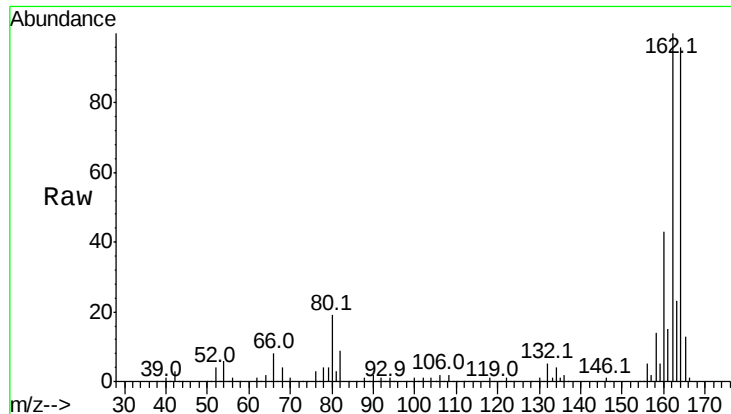
Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#

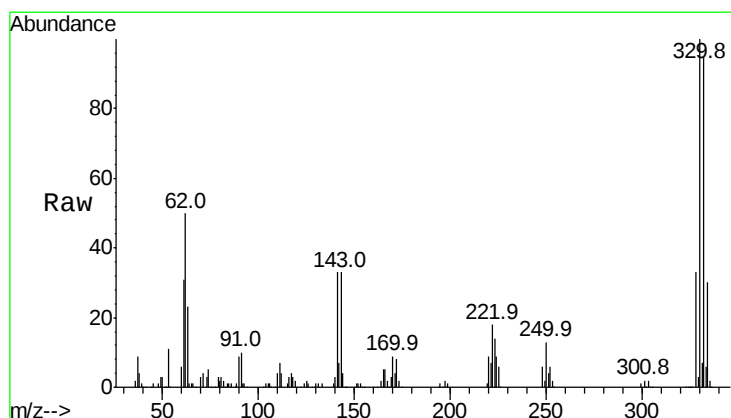
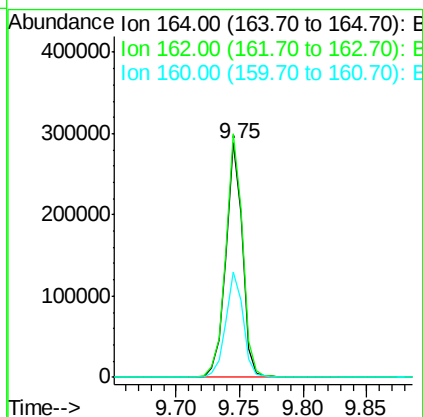
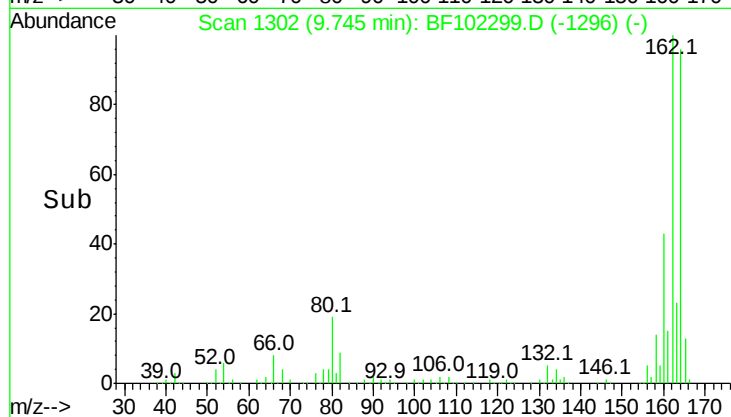




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF102299.D
 Acq: 22 Jan 2018 15:09

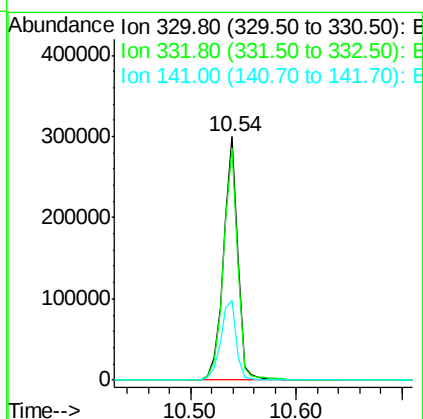
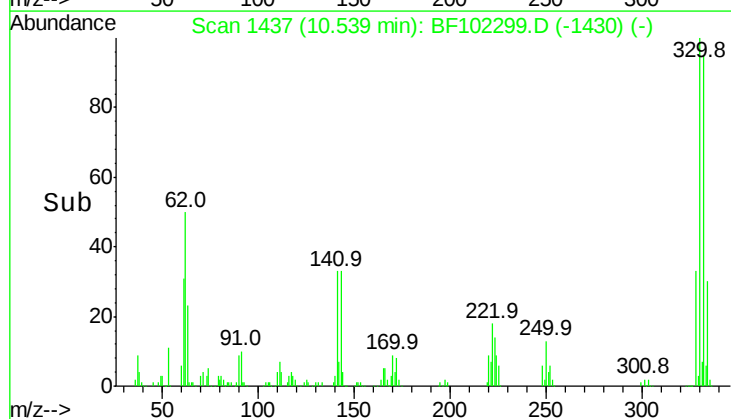
Instrument :
 BNA_F
 ClientSampleId :

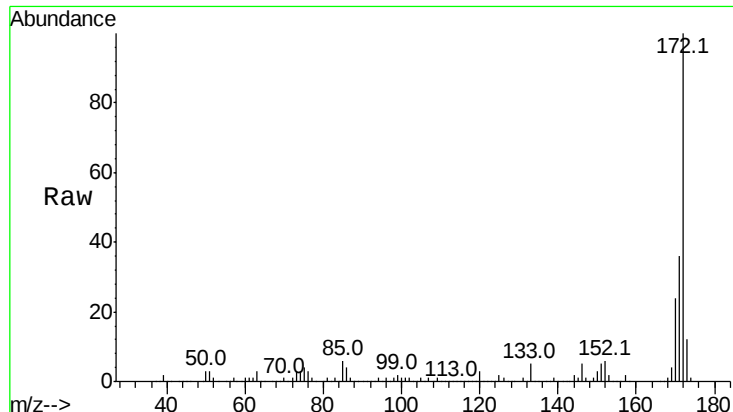
Tot Ion:164 Resp: 262500
 Ion Ratio Lower Upper
 164 100
 162 103.9 86.1 129.1
 160 44.8 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 109.039 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF102299.D
 Acq: 22 Jan 2018 15:09

Tgt Ion:330 Resp: 283610
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.0 115.6
 141 36.4 29.9 44.9



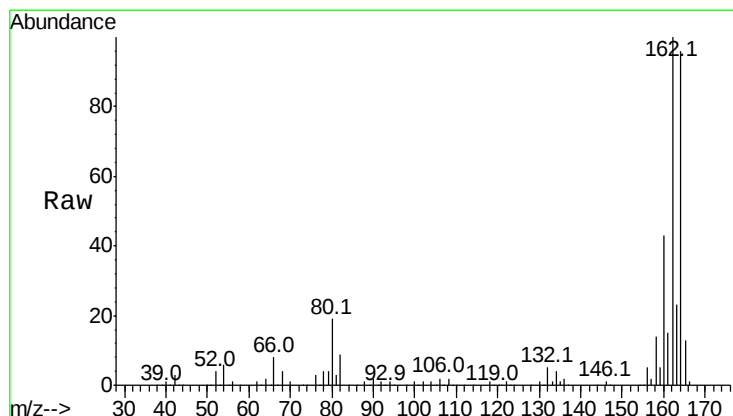
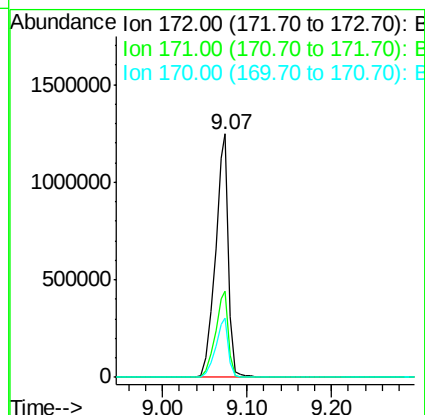
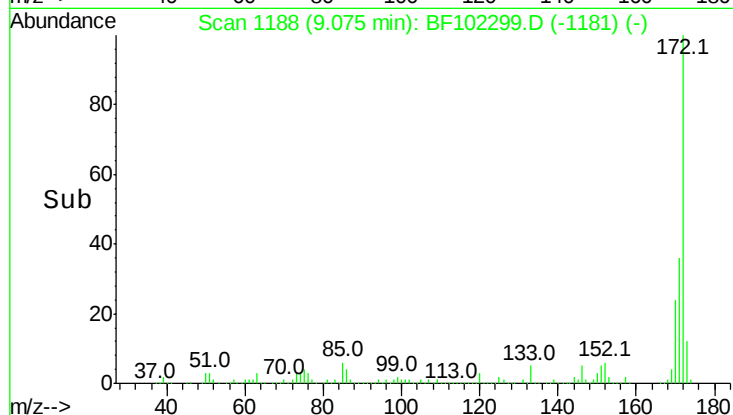


#44
 2-Fluorobiphenyl
 Concen: 76.511 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF102299.D
 Acq: 22 Jan 2018 15:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1365942

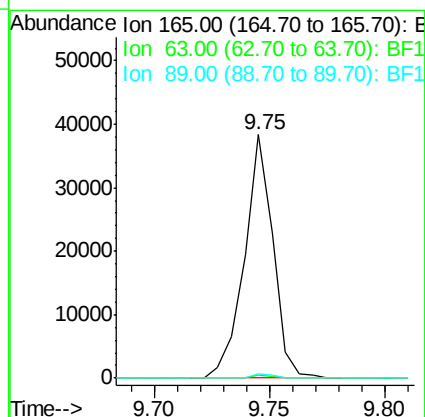
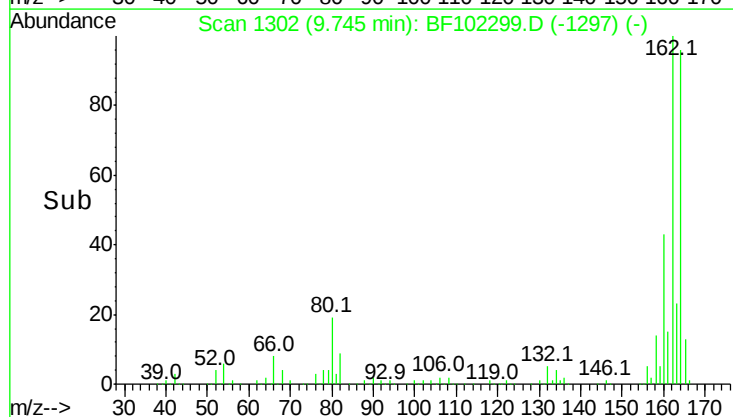
Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	24.3	19.6	29.4

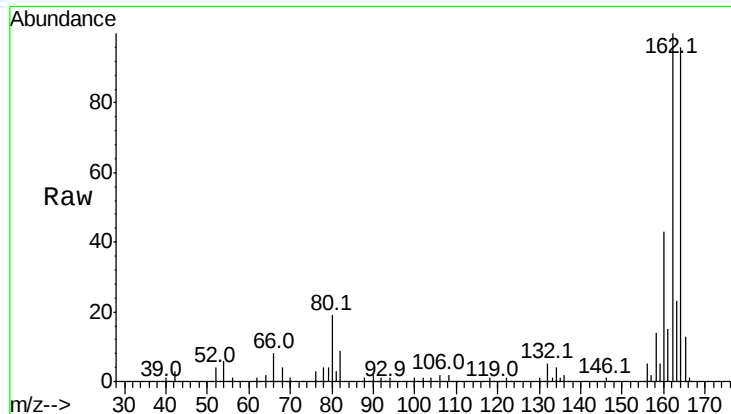


#50
 2,6-Dinitrotoluene
 Concen: 7.098 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. 0.20 min
 Lab File: BF102299.D
 Acq: 22 Jan 2018 15:09

Tgt Ion:165 Resp: 33202

Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	1.5	44.0	66.0#

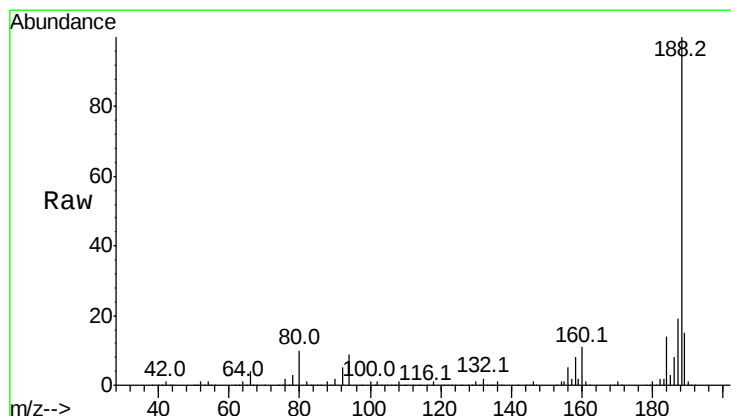
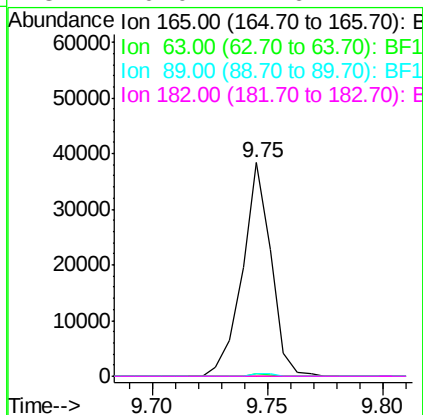
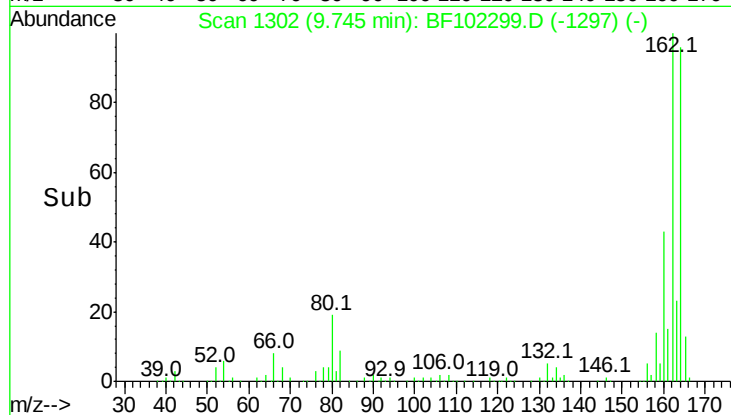




#56
 2,4-Dinitrotoluene
 Concen: 5.772 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.21 min
 Lab File: BF102299.D
 Acq: 22 Jan 2018 15:09

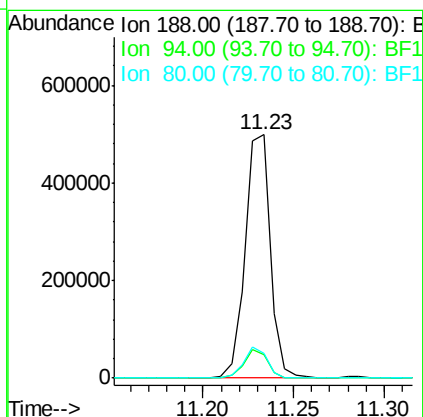
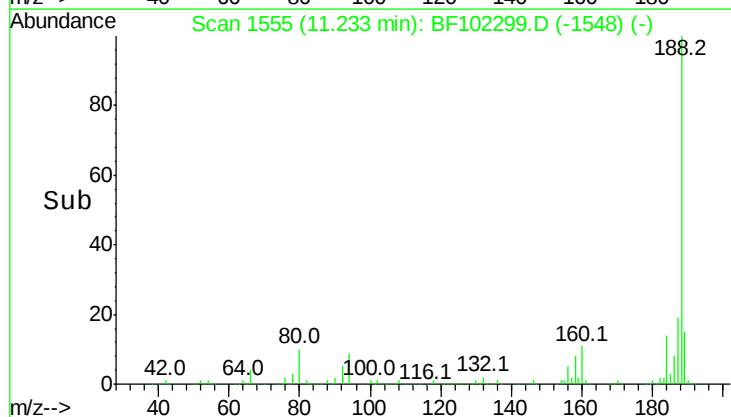
Instrument :
 BNA_F
 ClientSampleId :

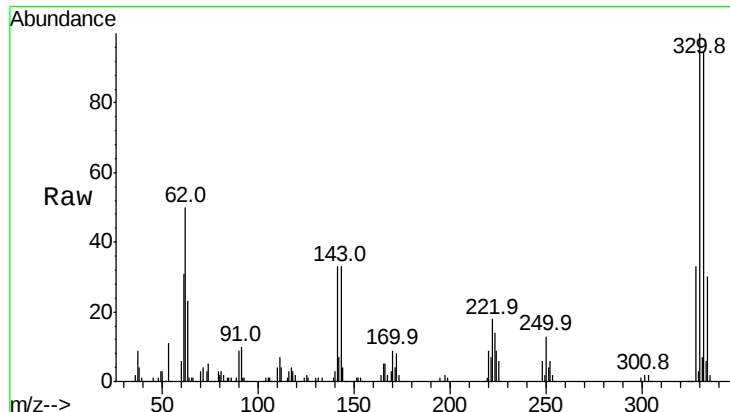
Tot Ion:165 Resp: 33202
 Ion Ratio Lower Upper
 165 100
 63 1.3 36.4 54.6#
 89 1.5 57.8 86.6#
 182 0.0 1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.00 min
 Lab File: BF102299.D
 Acq: 22 Jan 2018 15:09

Tgt Ion:188 Resp: 481262
 Ion Ratio Lower Upper
 188 100
 94 9.5 8.5 12.7
 80 10.2 9.2 13.8





#66

4-Bromophenyl-phenylether

Concen: 3.467 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.24 min

Lab File: BF102299.D

Acq: 22 Jan 2018 15:09

Instrument :

BNA_F

ClientSampleId :

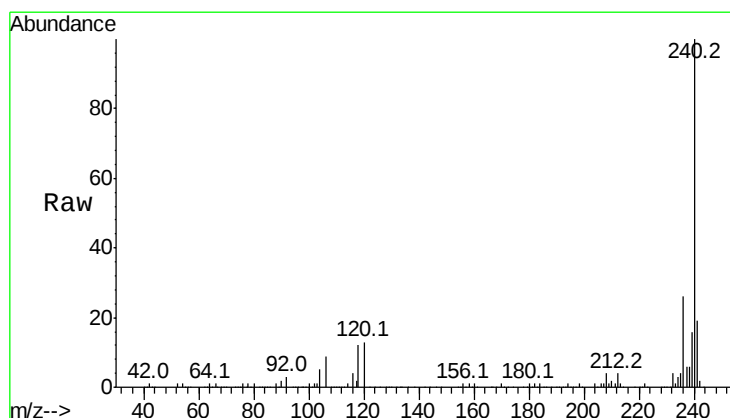
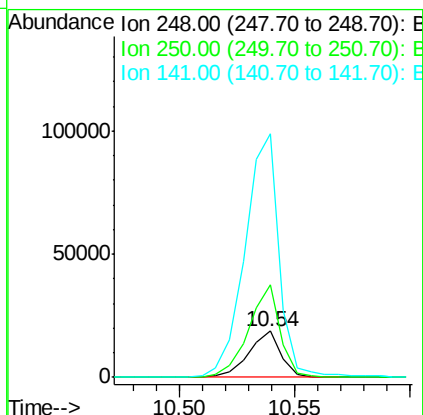
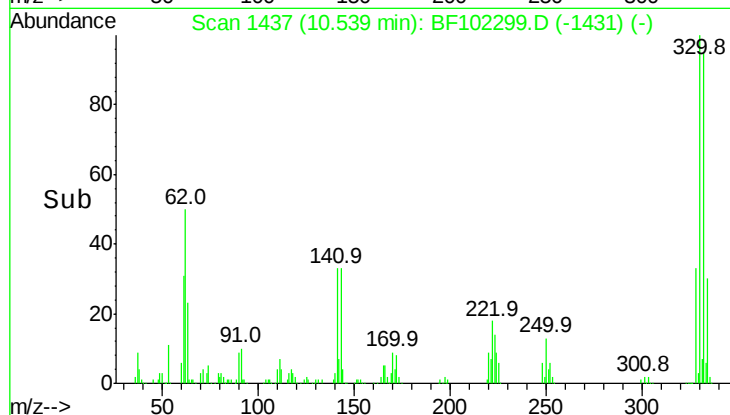
Tot Ion:248 Resp: 17964

Ion Ratio Lower Upper

248 100

250 201.5 76.9 115.3#

141 527.4 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: BF102299.D

Acq: 22 Jan 2018 15:09

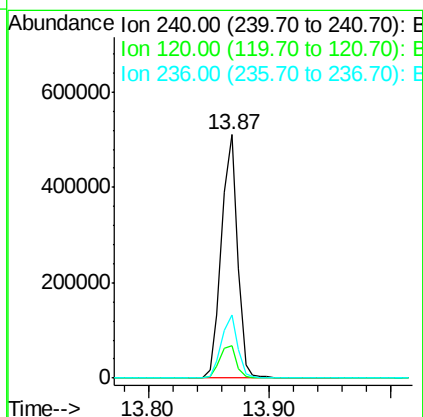
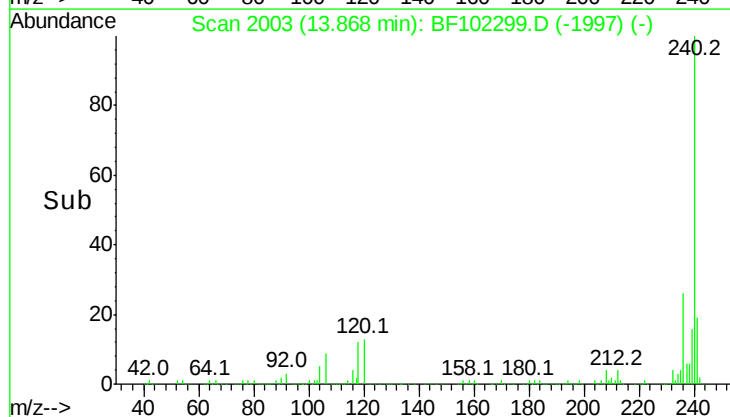
Tgt Ion:240 Resp: 469134

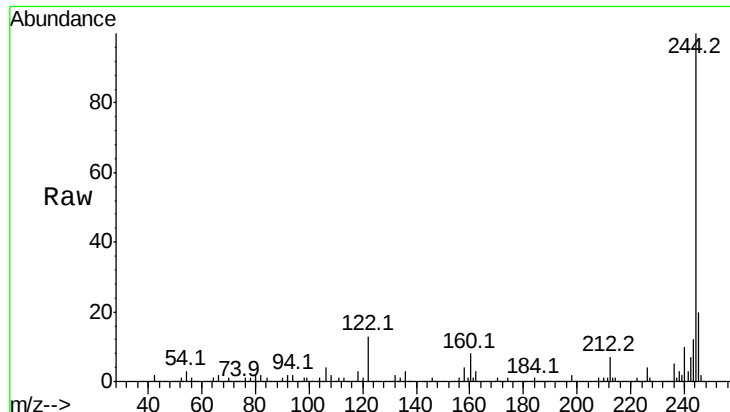
Ion Ratio Lower Upper

240 100

120 13.1 9.5 14.3

236 25.7 20.7 31.1

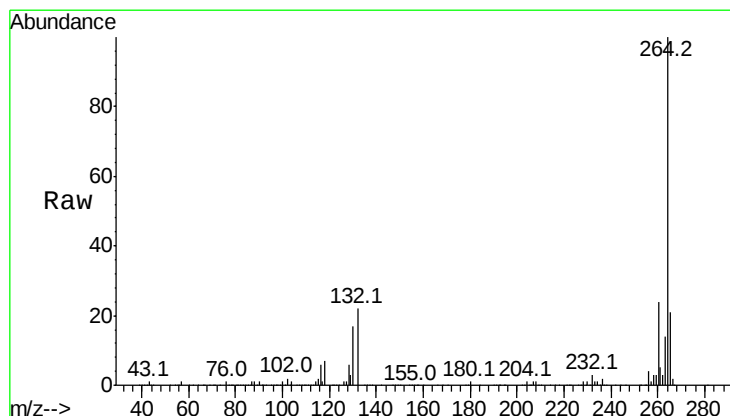
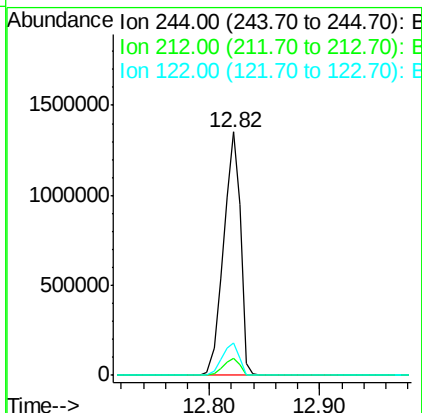
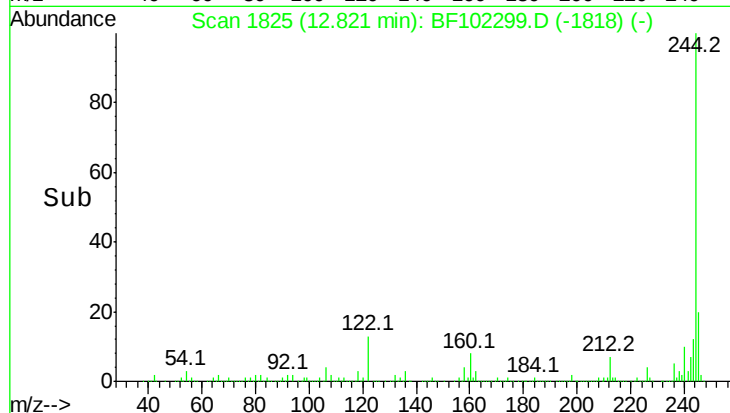




#78
 Terphenyl-d14
 Concen: 69.240 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: BF102299.D
 Acq: 22 Jan 2018 15:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1440881
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 13.3 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.29 min Scan# 2245
 Delta R.T. -0.00 min
 Lab File: BF102299.D
 Acq: 22 Jan 2018 15:09

Tgt Ion:264 Resp: 450407
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 20.8 17.5 26.3

