

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012218\
 Data File : BF102303.D
 Acq On : 22 Jan 2018 17:04
 Operator : SJ/JU
 Sample : PB105847BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 23 00:08:44 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

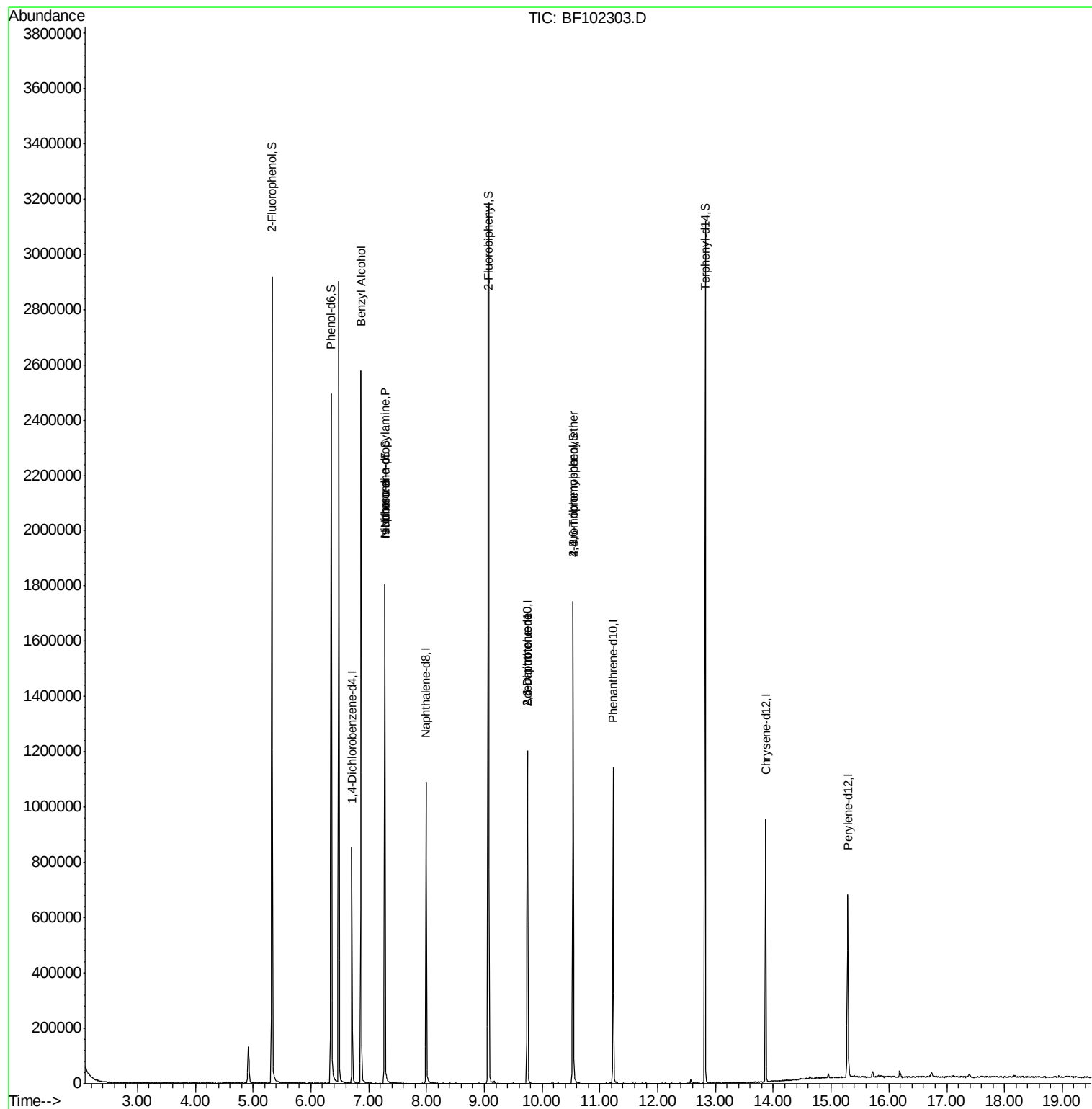
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	129301	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	544809	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	243842	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	428762	20.00	ng	0.00
75) Chrysene-d12	13.87	240	320906	20.00	ng	0.00
86) Perylene-d12	15.29	264	278140	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	843487	98.91	ng	0.00
7) Phenol-d6	6.35	99	1024311	99.63	ng	0.00
23) Nitrobenzene-d5	7.28	82	634189	66.89	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	225961	93.52	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1193635	71.98	ng	0.00
78) Terphenyl-d14	12.82	244	1087981	76.43	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.87	79	10369	1.429	ng	# 38
19) n-Nitroso-di-n-propylamine	7.28	70	83125	13.212	ng	# 75
25) Isophorone	7.28	82	628834	37.206	ng	# 64
50) 2,6-Dinitrotoluene	9.74	165	31483	7.245	ng	# 25
56) 2,4-Dinitrotoluene	9.74	165	31483	5.892	ng	# 23
66) 4-Bromophenyl-phenylether	10.54	248	15244	3.303	ng	# 1

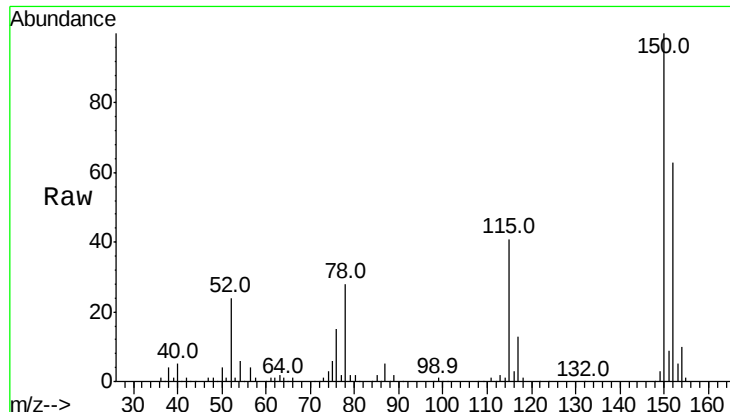
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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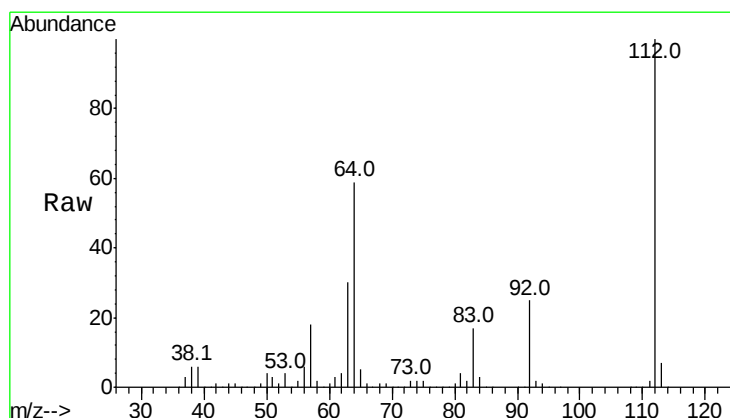
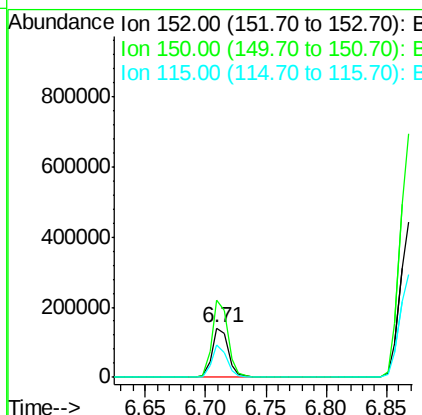
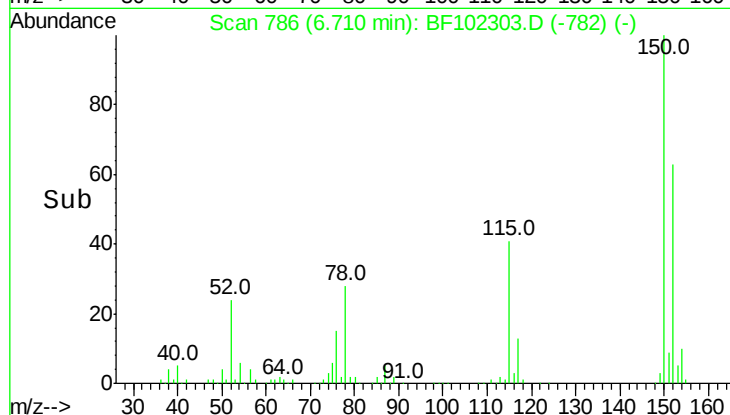




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.71 min Scan# 786
 Delta R.T. -0.01 min
 Lab File: BF102303.D
 Acq: 22 Jan 2018 17:04

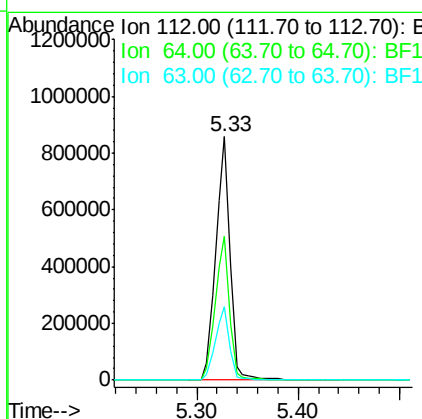
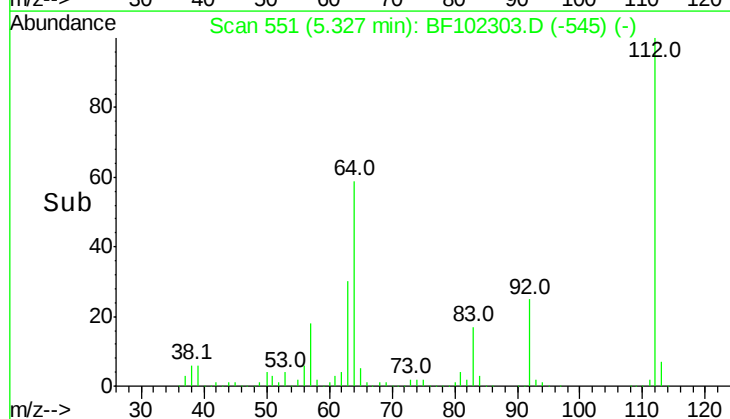
Instrument :
 BNA_F
 ClientSampled :

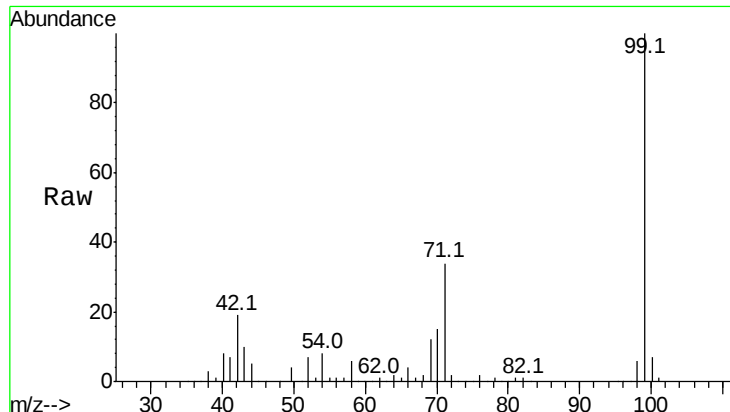
Tot Ion:152 Resp: 129301
 Ion Ratio Lower Upper
 152 100
 150 157.6 124.6 186.8
 115 65.2 50.1 75.1



#5
 2-Fluorophenol
 Concen: 98.912 ng
 RT: 5.33 min Scan# 551
 Delta R.T. 0.01 min
 Lab File: BF102303.D
 Acq: 22 Jan 2018 17:04

Tgt Ion:112 Resp: 843487
 Ion Ratio Lower Upper
 112 100
 64 58.9 47.9 71.9
 63 30.3 23.7 35.5





#7

Phenol-d6

Concen: 99.633 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF102303.D

Acq: 22 Jan 2018 17:04

Instrument :

BNA_F

ClientSampled :

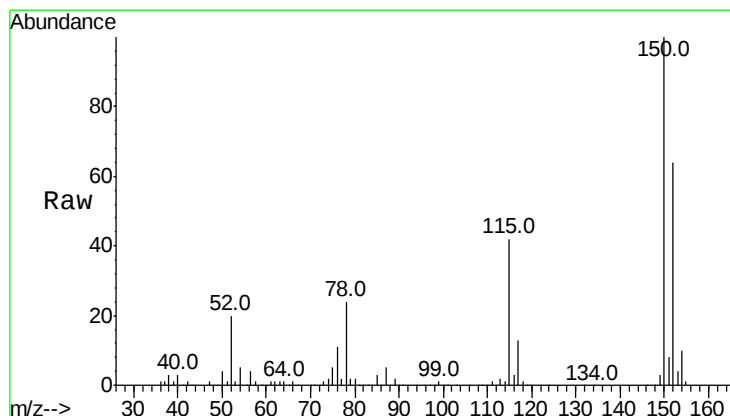
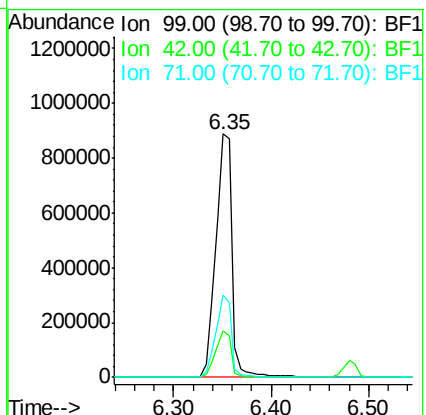
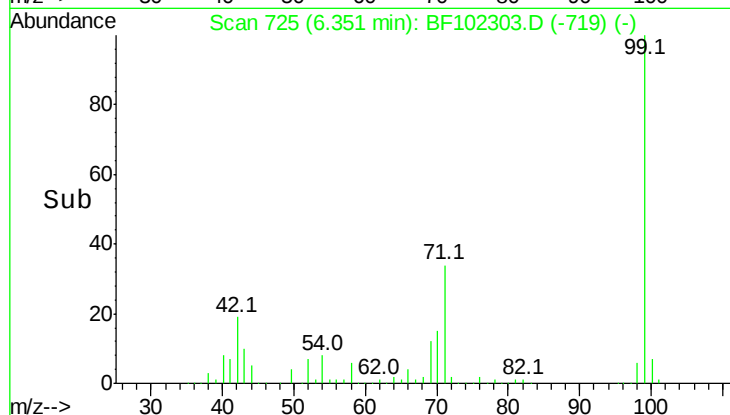
Tot Ion: 99 Resp: 1024311

Ion Ratio Lower Upper

99 100

42 19.4 14.5 21.7

71 33.7 25.4 38.0



#15

Benzyl Alcohol

Concen: 1.429 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.01 min

Lab File: BF102303.D

Acq: 22 Jan 2018 17:04

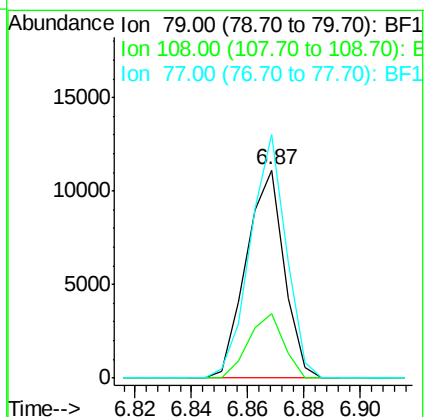
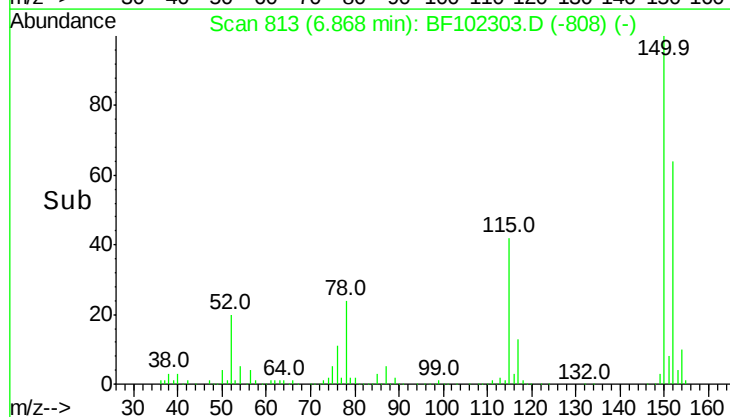
Tgt Ion: 79 Resp: 10369

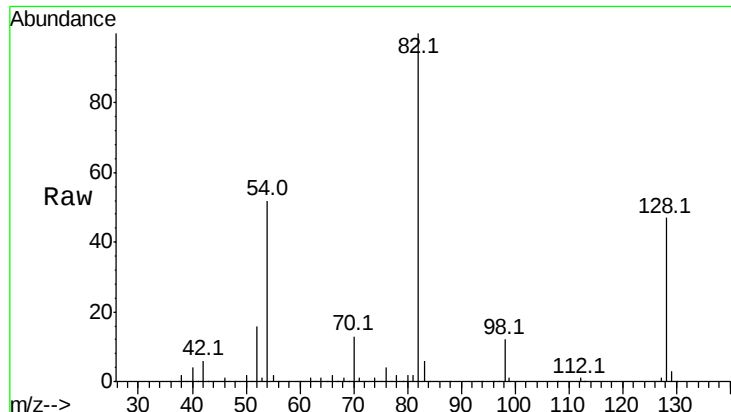
Ion Ratio Lower Upper

79 100

108 31.1 65.1 97.7#

77 117.0 50.6 75.8#

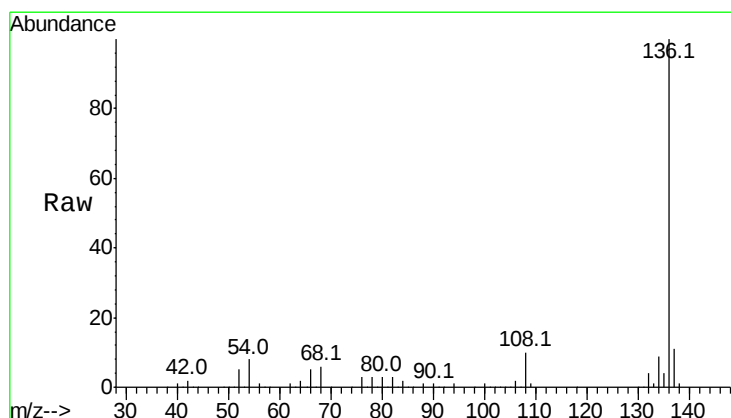
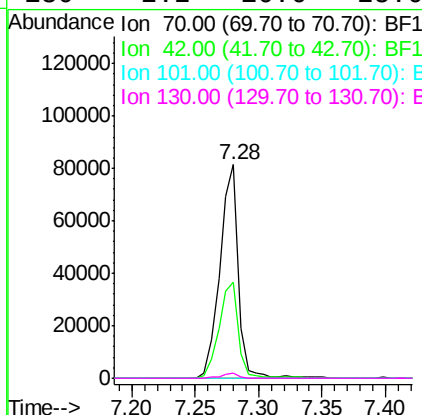
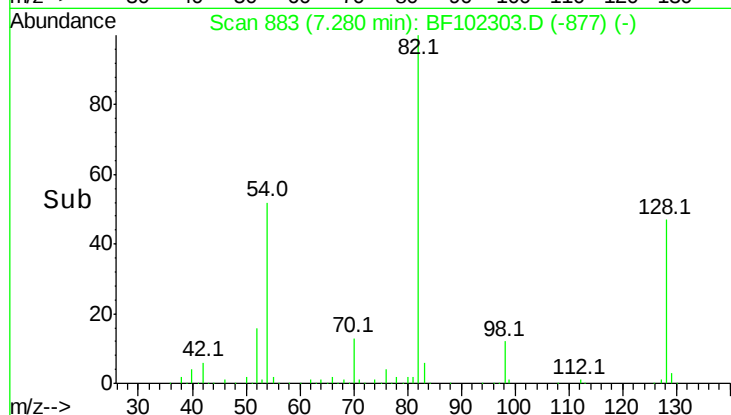




#19
 n-Nitroso-di-n-propylamine
 Concen: 13.212 ng
 RT: 7.28 min Scan# 883
 Delta R.T. 0.14 min
 Lab File: BF102303.D
 Acq: 22 Jan 2018 17:04

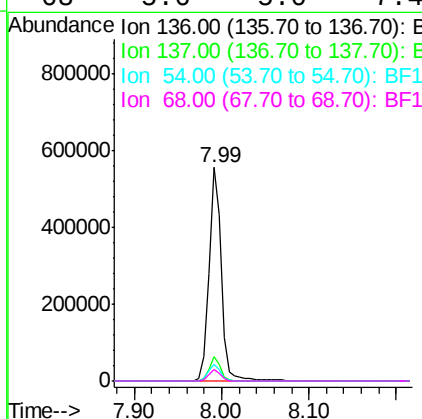
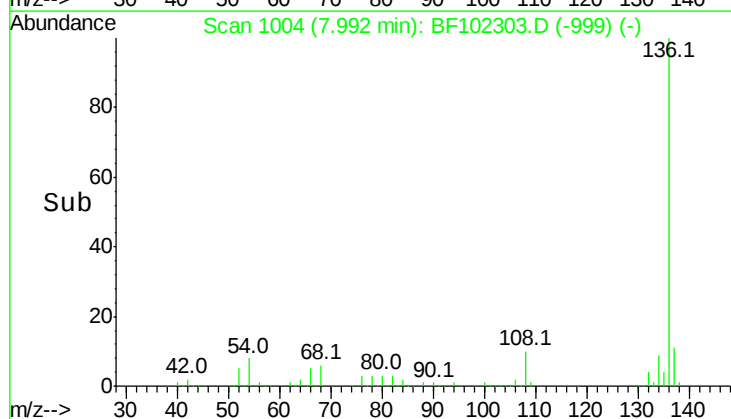
Instrument :
 BNA_F
 ClientSampleId :

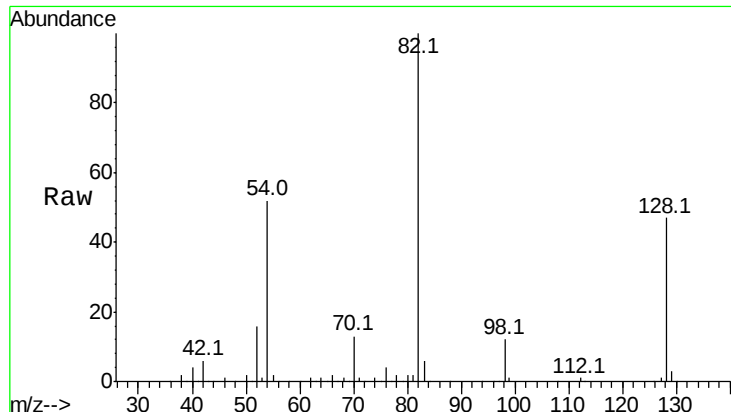
Tot Ion:	70	Resp:	83125
Ion	Ratio	Lower	Upper
70	100		
42	44.8	47.5	71.3#
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 7.99 min Scan# 1004
 Delta R.T. -0.01 min
 Lab File: BF102303.D
 Acq: 22 Jan 2018 17:04

Tgt Ion:	136	Resp:	544809
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	8.1	6.6	9.8
68	5.6	5.0	7.4

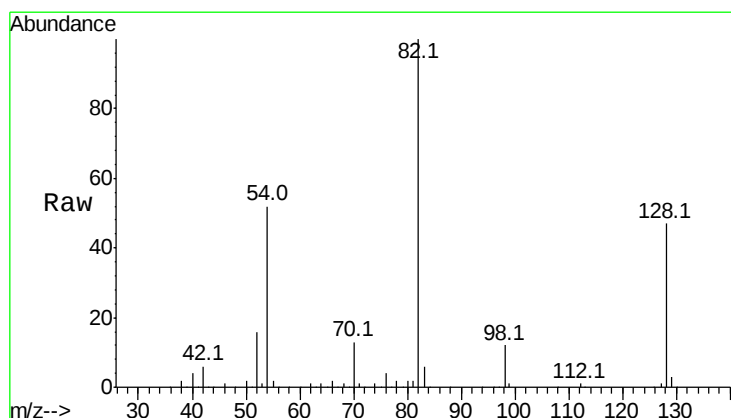
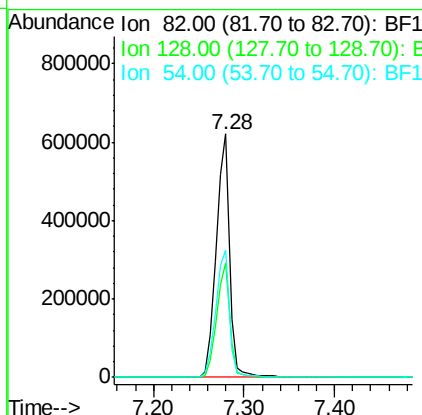
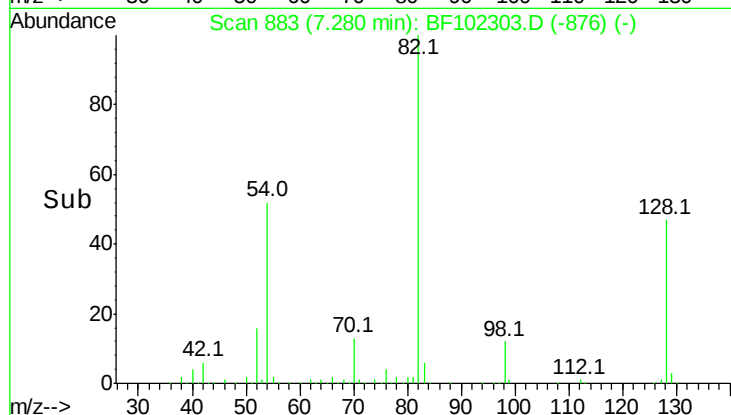




#23
 Nitrobenzene-d5
 Concen: 66.895 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF102303.D
 Acq: 22 Jan 2018 17:04

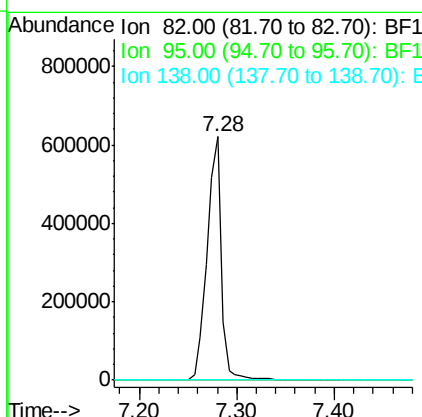
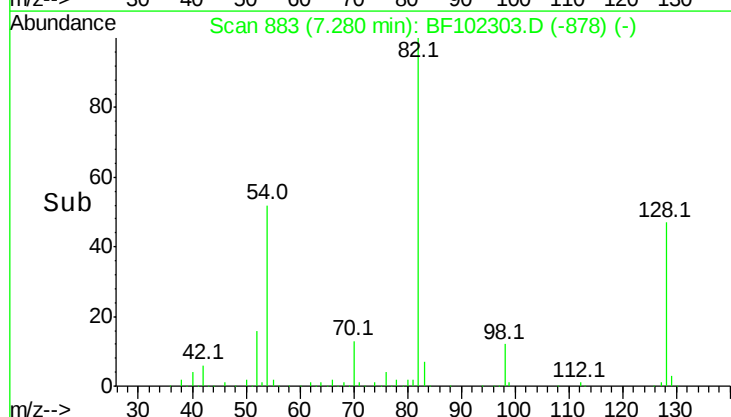
Instrument :
 BNA_F
 ClientSampleId :

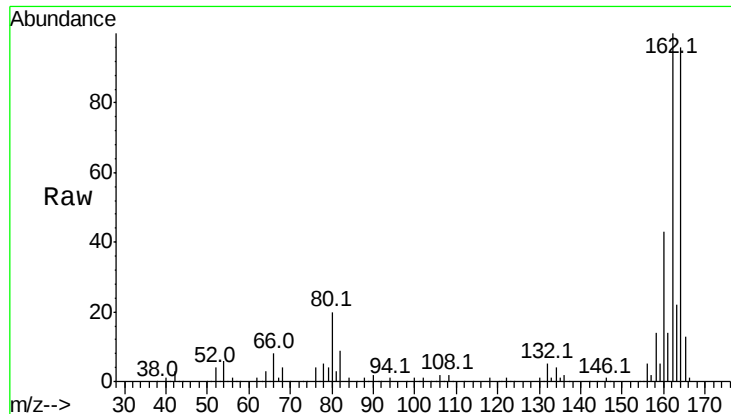
Tot Ion:	82	Resp:	634189
Ion	Ratio	Lower	Upper
82	100		
128	46.8	36.1	54.1
54	52.1	41.4	62.2



#25
 Isophorone
 Concen: 37.206 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.27 min
 Lab File: BF102303.D
 Acq: 22 Jan 2018 17:04

Tgt Ion:	82	Resp:	628834
Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

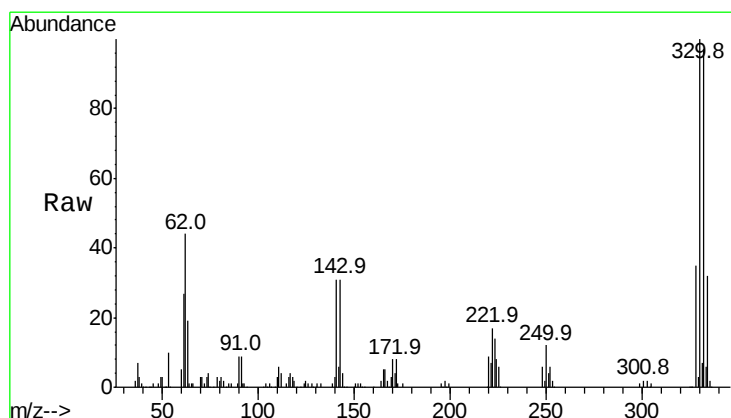
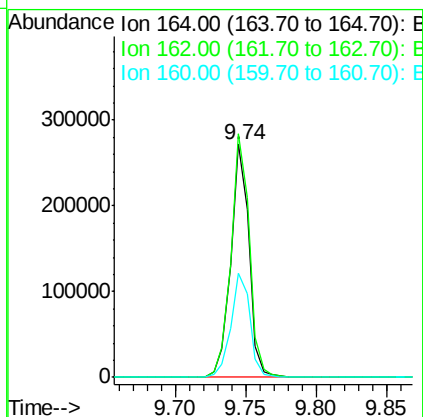
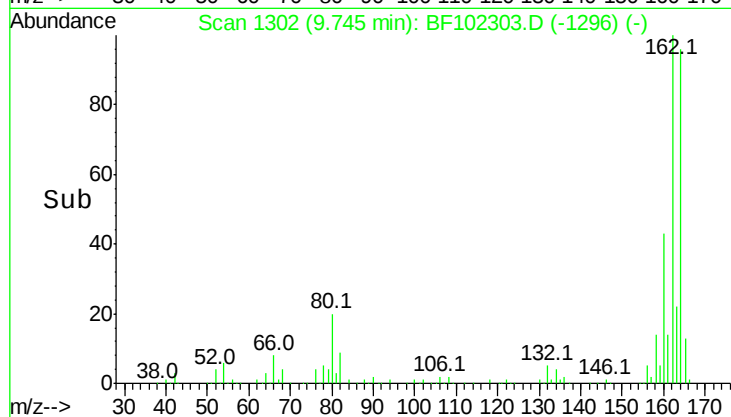




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.74 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF102303.D
 Acq: 22 Jan 2018 17:04

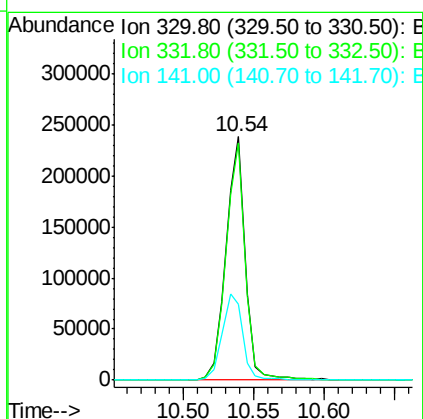
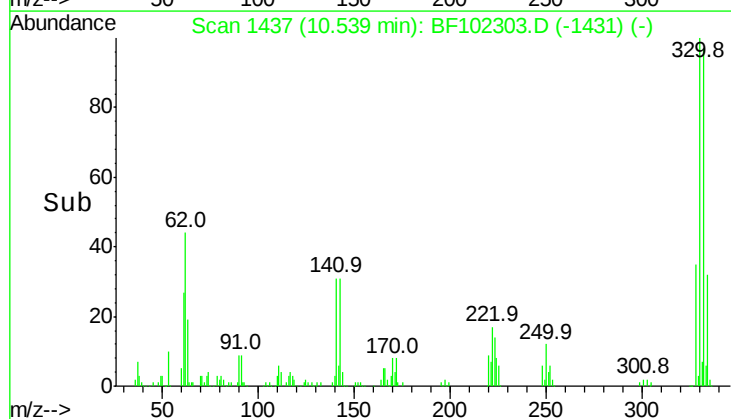
Instrument :
 BNA_F
 ClientSampleId :

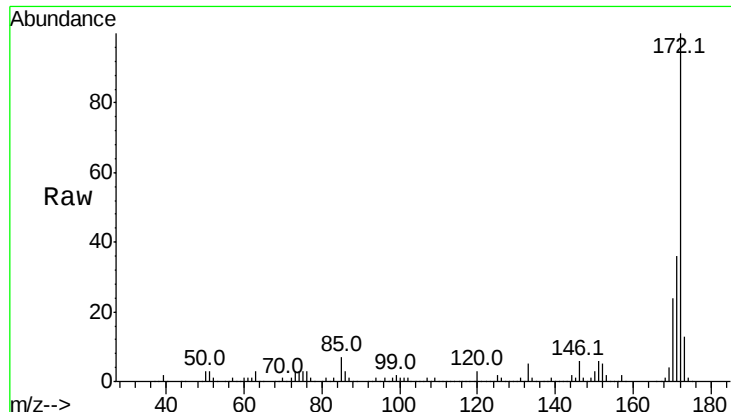
Tot Ion:164 Resp: 243842
 Ion Ratio Lower Upper
 164 100
 162 104.5 86.1 129.1
 160 44.7 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 93.522 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF102303.D
 Acq: 22 Jan 2018 17:04

Tgt Ion:330 Resp: 225961
 Ion Ratio Lower Upper
 330 100
 332 98.1 77.0 115.6
 141 38.0 29.9 44.9



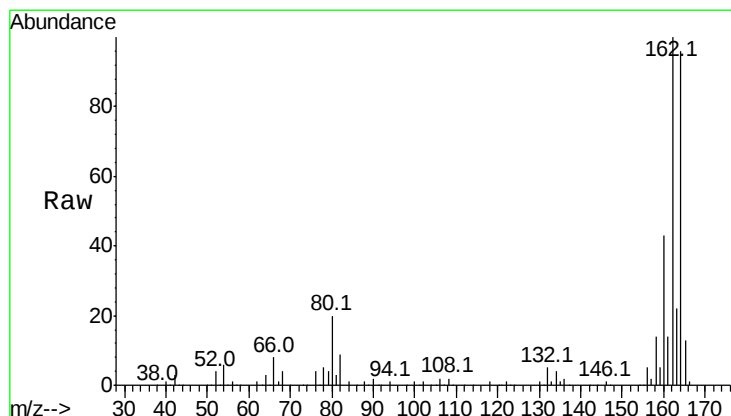
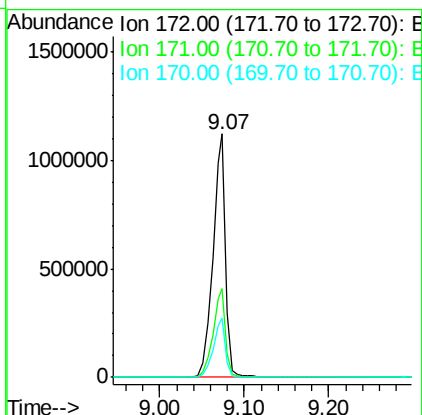
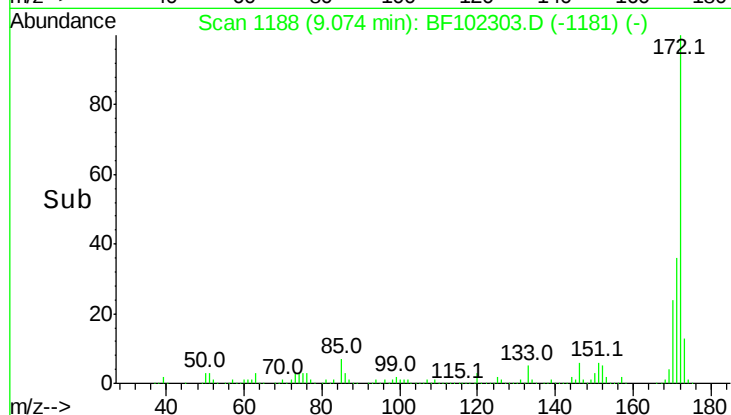


#44
 2-Fluorobiphenyl
 Concen: 71.975 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF102303.D
 Acq: 22 Jan 2018 17:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1193635

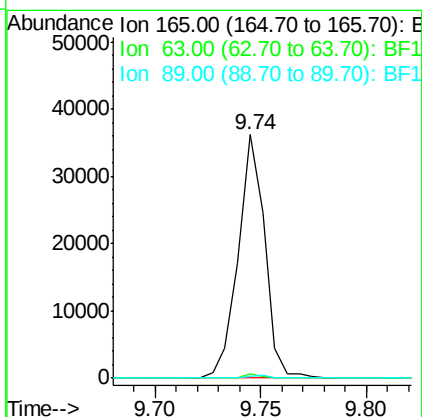
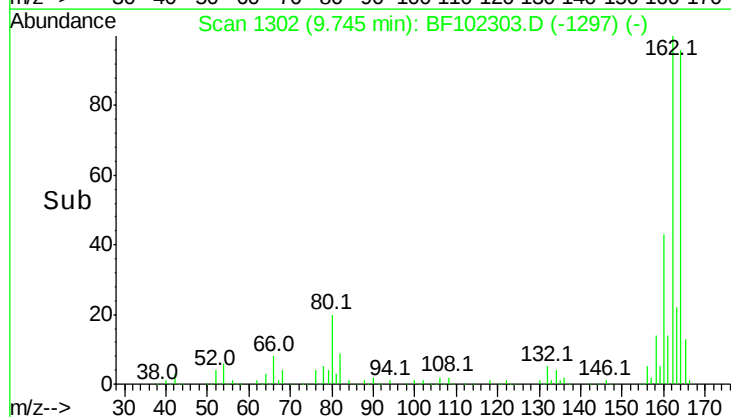
Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.1	19.6	29.4

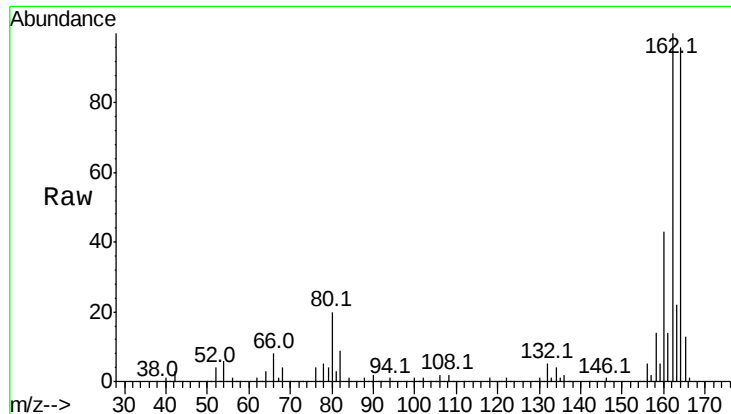


#50
 2,6-Dinitrotoluene
 Concen: 7.245 ng
 RT: 9.74 min Scan# 1302
 Delta R.T. 0.20 min
 Lab File: BF102303.D
 Acq: 22 Jan 2018 17:04

Tgt Ion:165 Resp: 31483

Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.7	67.1#
89	0.9	44.0	66.0#

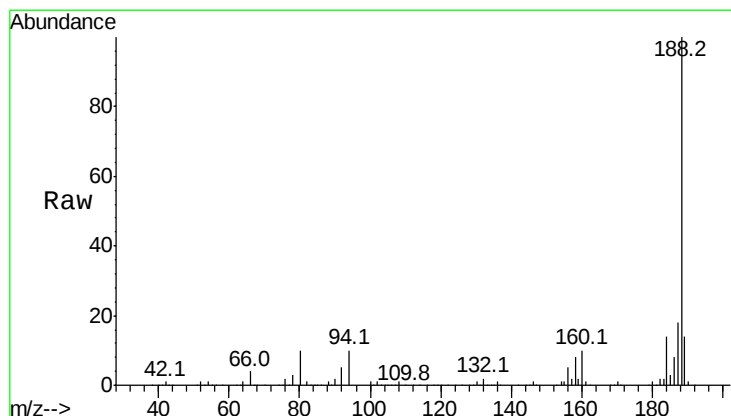
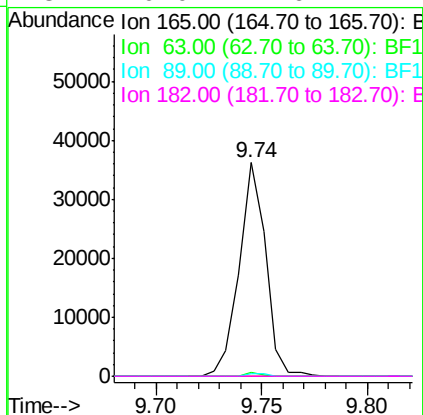
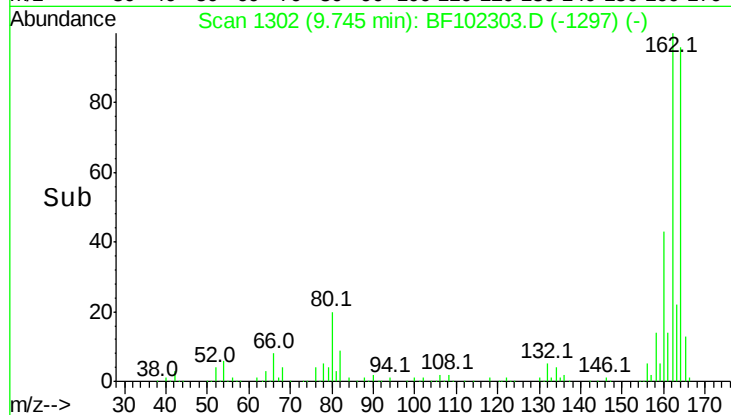




#56
 2,4-Dinitrotoluene
 Concen: 5.892 ng
 RT: 9.74 min Scan# 1302
 Delta R.T. -0.21 min
 Lab File: BF102303.D
 Acq: 22 Jan 2018 17:04

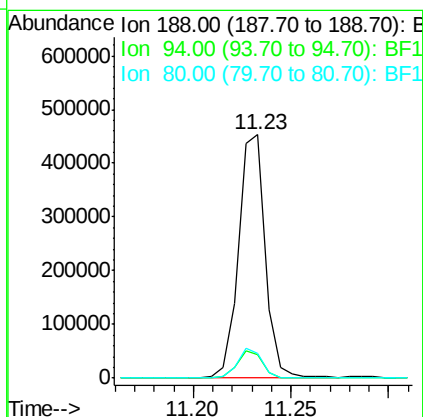
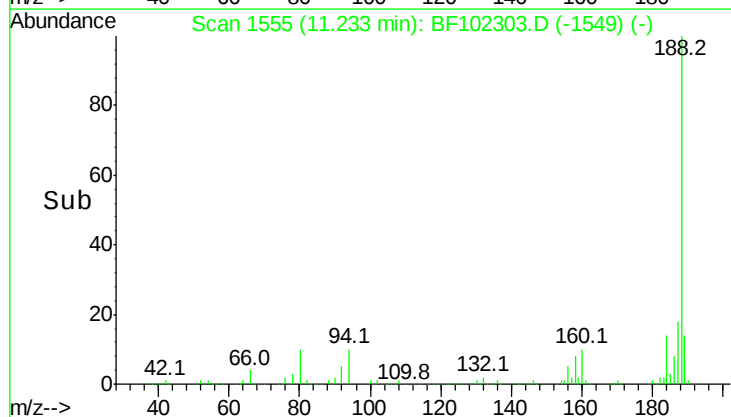
Instrument :
 BNA_F
 ClientSampleId :

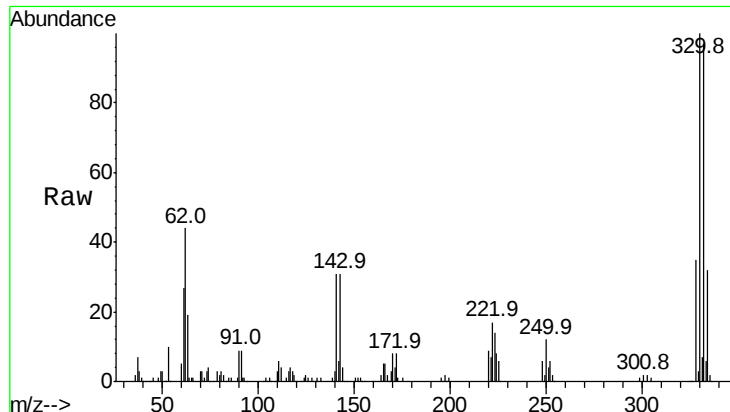
Tot Ion:	165	Resp:	31483
Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	0.9	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.00 min
 Lab File: BF102303.D
 Acq: 22 Jan 2018 17:04

Tgt Ion:	188	Resp:	428762
Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.5	12.7
80	10.4	9.2	13.8





#66

4-Bromophenyl-phenylether

Concen: 3.303 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.24 min

Lab File: BF102303.D

Acq: 22 Jan 2018 17:04

Instrument :

BNA_F

ClientSampleId :

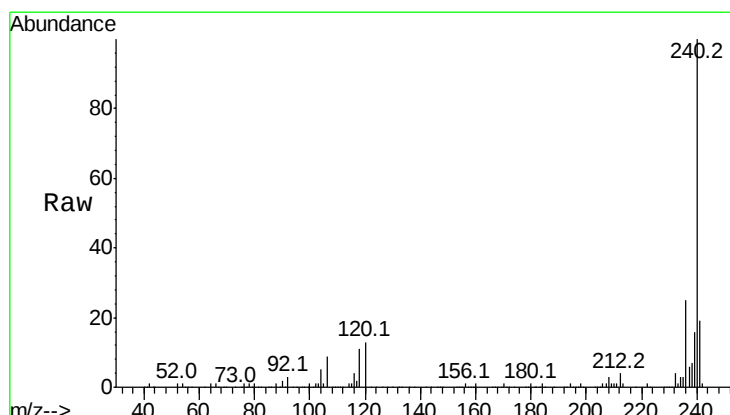
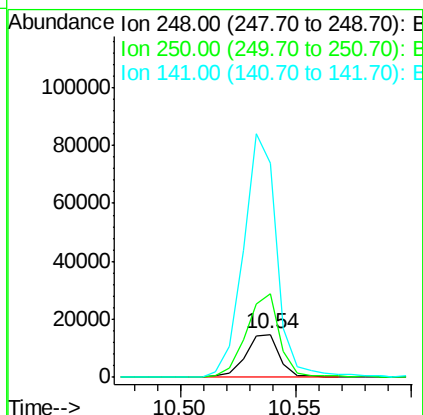
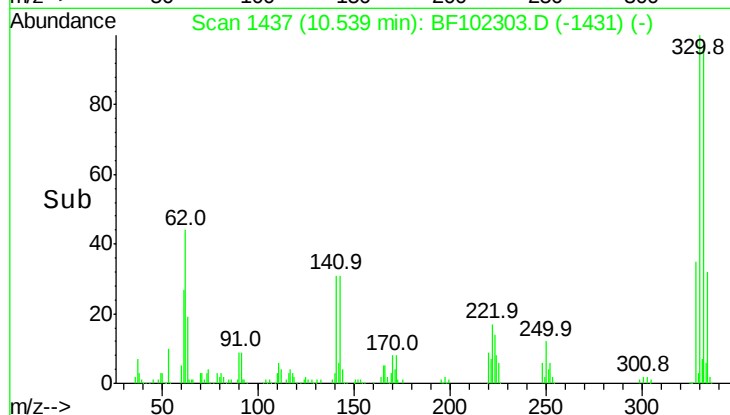
Tot Ion:248 Resp: 15244

Ion Ratio Lower Upper

248 100

250 193.9 76.9 115.3#

141 497.1 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: BF102303.D

Acq: 22 Jan 2018 17:04

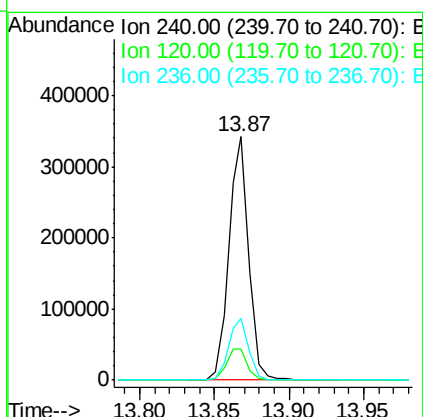
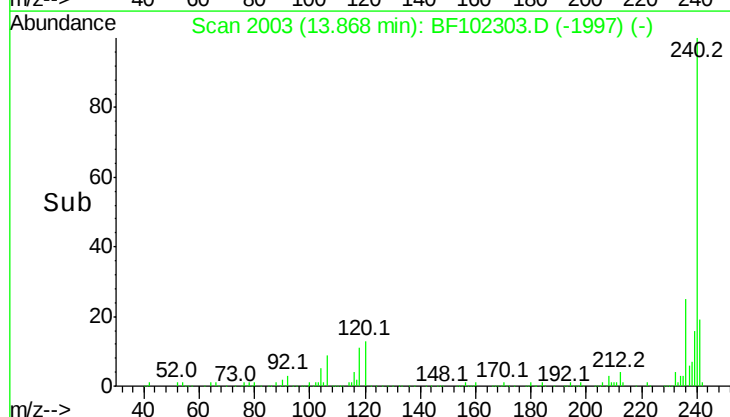
Tgt Ion:240 Resp: 320906

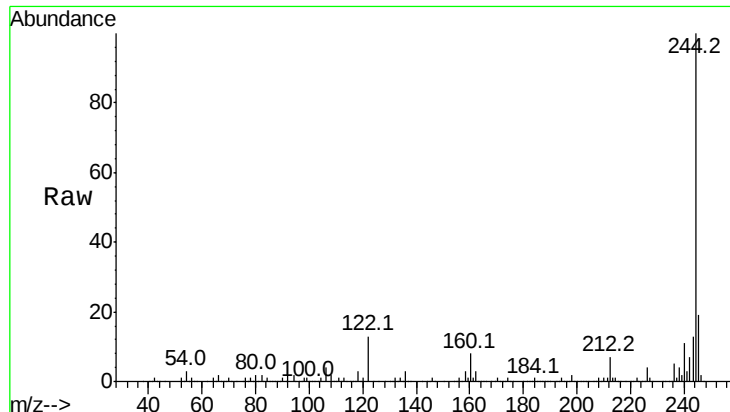
Ion Ratio Lower Upper

240 100

120 12.9 9.5 14.3

236 25.4 20.7 31.1

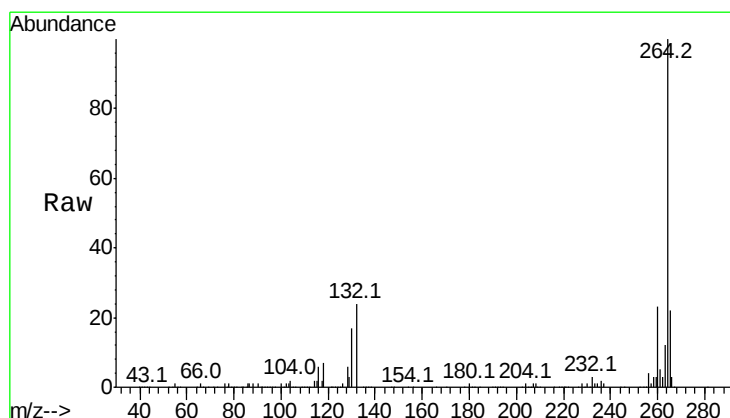
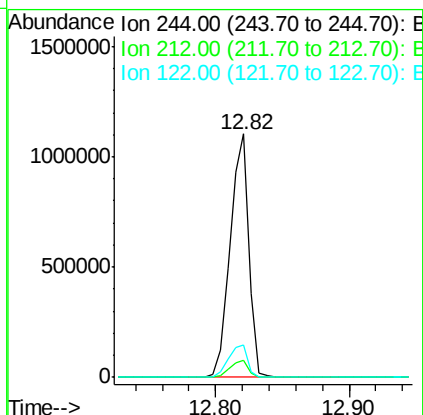
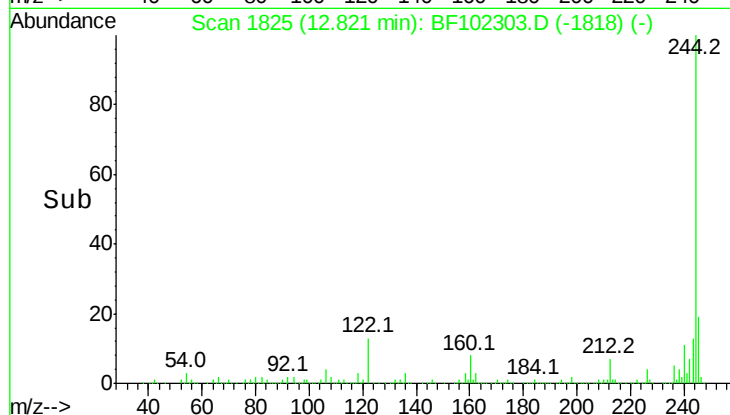




#78
 Terphenyl-d14
 Concen: 76.430 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: BF102303.D
 Acq: 22 Jan 2018 17:04

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 1087981
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 13.3 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: BF102303.D
 Acq: 22 Jan 2018 17:04

Tgt Ion:264 Resp: 278140
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 22.1 17.5 26.3

