

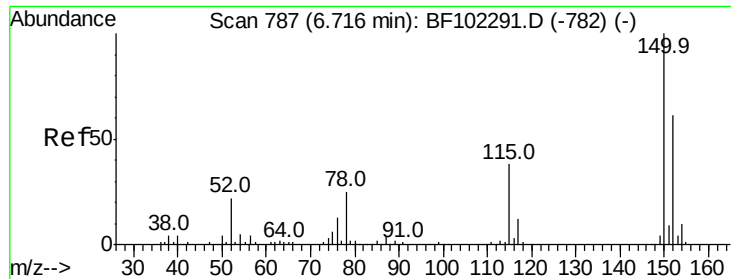
Data Path : U:\HPCHEM1\BNA F\DATA\BF013118\
 Data File : BF102662.D
 Acq On : 31 Jan 2018 18:42
 Operator : SJ/JU
 Sample : PB106208BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 01 00:00:30 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 18:38:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	135958	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	584757	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	270794	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	486419	20.00	ng	0.00
75) Chrysene-d12	13.86	240	363093	20.00	ng	-0.01
86) Perylene-d12	15.28	264	284911	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1063561	118.61	ng	0.01
7) Phenol-d6	6.35	99	1276875	118.12	ng	0.00
23) Nitrobenzene-d5	7.27	82	795481	78.18	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	265587	98.98	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	1425615	77.41	ng	0.00
78) Terphenyl-d14	12.81	244	1327942	82.45	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.27	70	104662	15.821	ng	# 78
25) Isophorone	7.27	82	795475	43.851	ng	# 64
50) 2,6-Dinitrotoluene	9.73	165	34117	7.070	ng	# 25
56) 2,4-Dinitrotoluene	9.73	165	34117	5.749	ng	# 23
66) 4-Bromophenyl-phenylether	10.53	248	17721	3.384	ng	# 1

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

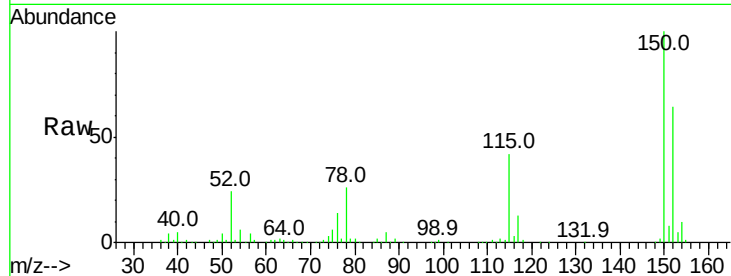


#1

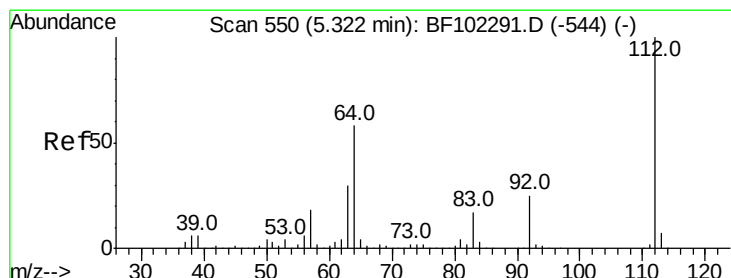
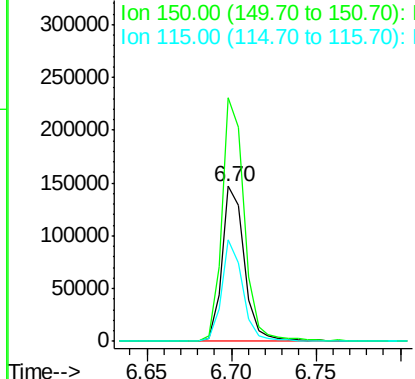
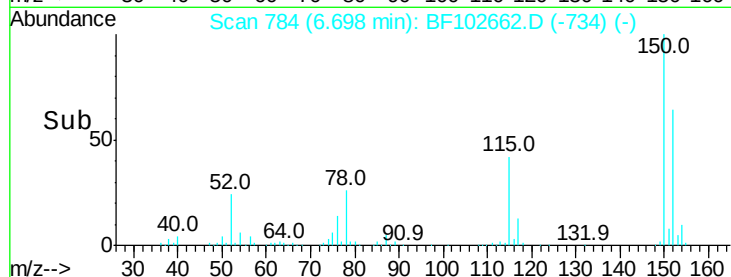
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF102662.D
Acq: 31 Jan 2018 18:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 135958
Ion Ratio Lower Upper
152 100
150 156.9 124.6 186.8
115 65.6 50.1 75.1



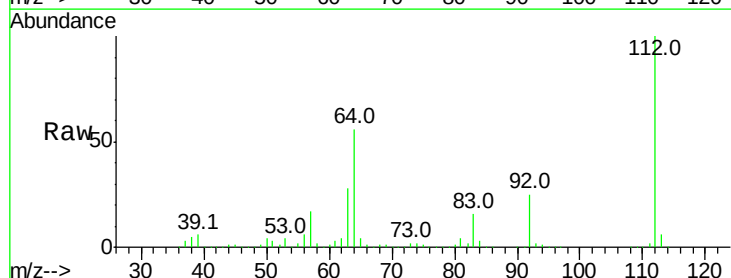
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



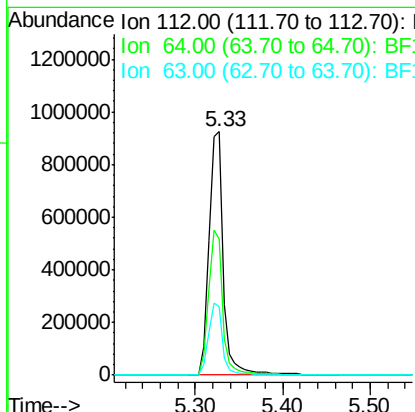
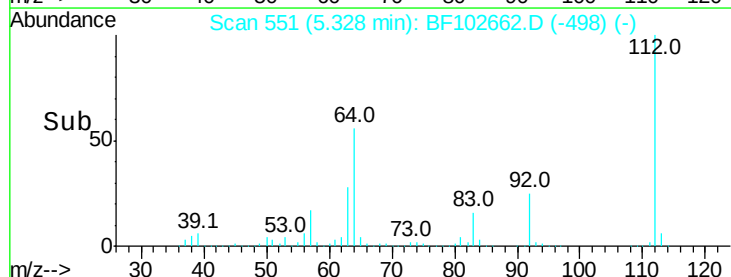
#5

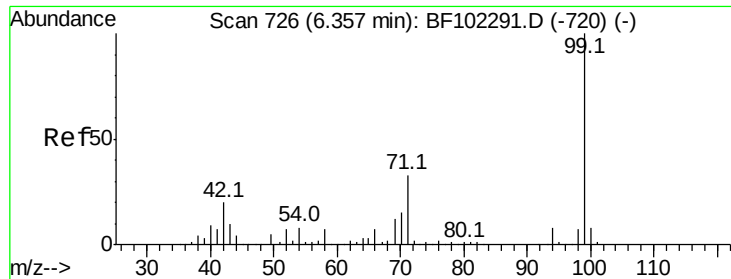
2-Fluorophenol
Concen: 118.613 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF102662.D
Acq: 31 Jan 2018 18:42

Tgt Ion:112 Resp: 1063561
Ion Ratio Lower Upper
112 100
64 55.9 47.9 71.9
63 28.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 118.118 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF102662.D

Acq: 31 Jan 2018 18:42

Instrument :

BNA_F

ClientSampled :

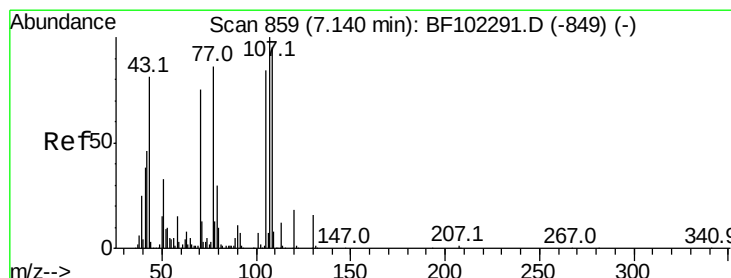
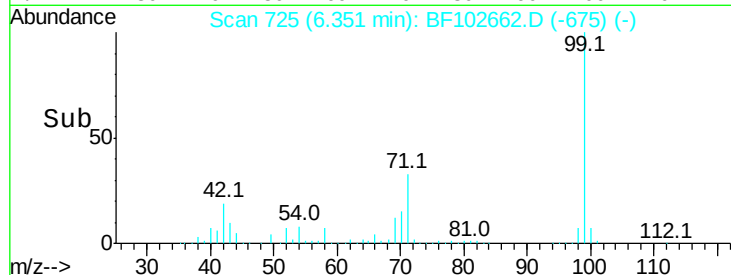
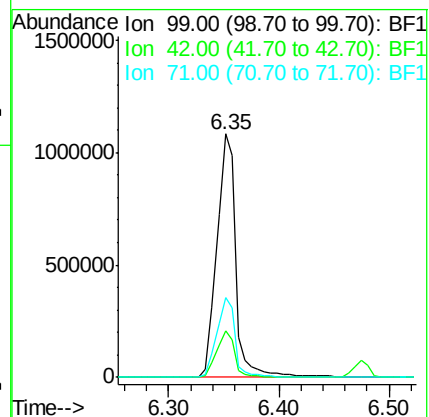
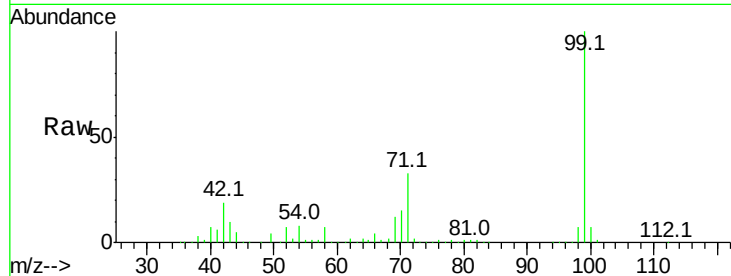
Tot Ion: 99 Resp: 1276875

Ion Ratio Lower Upper

99 100

42 19.3 14.5 21.7

71 32.8 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 15.821 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.14 min

Lab File: BF102662.D

Acq: 31 Jan 2018 18:42

Tgt Ion: 70 Resp: 104662

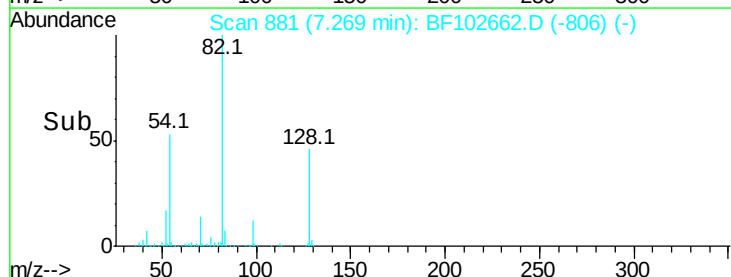
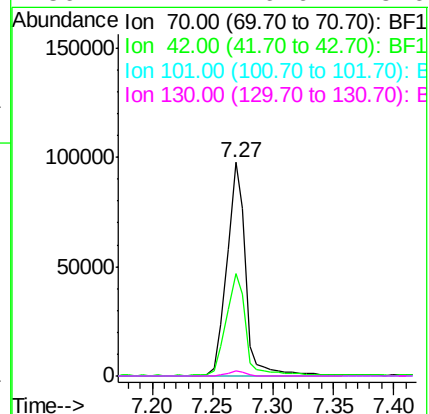
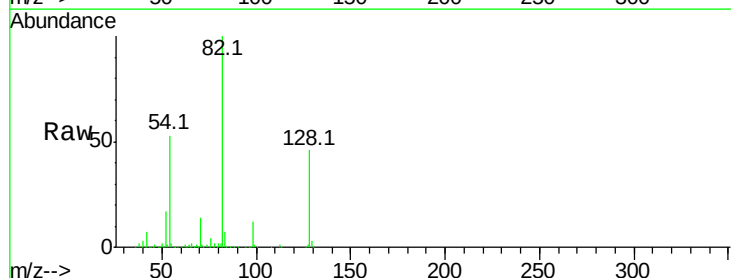
Ion Ratio Lower Upper

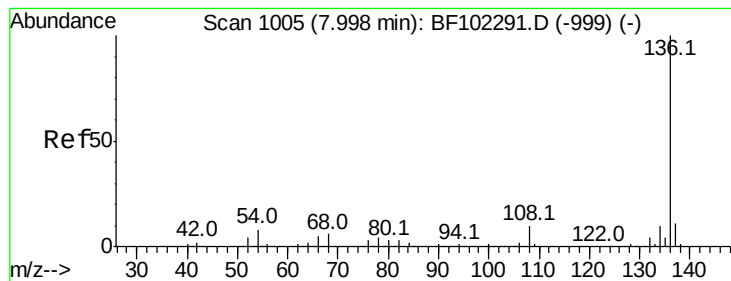
70 100

42 48.1 47.5 71.3

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF102662.D

Acq: 31 Jan 2018 18:42

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 584757

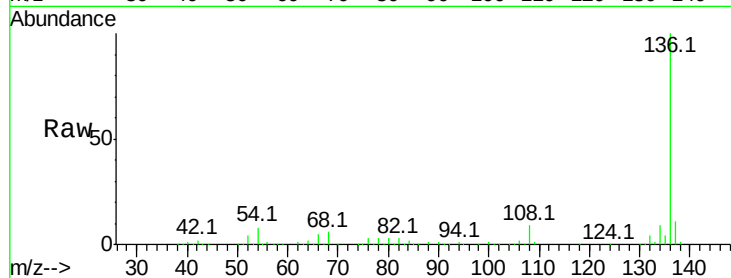
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 8.1 6.6 9.8

68 5.7 5.0 7.4

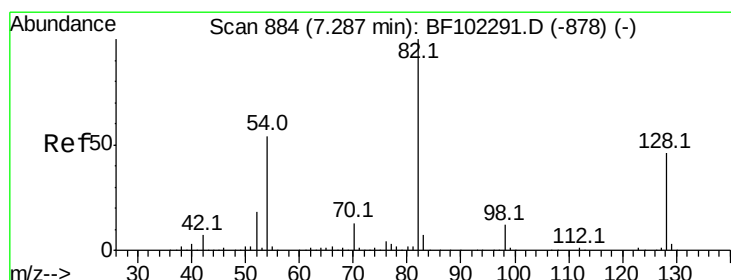
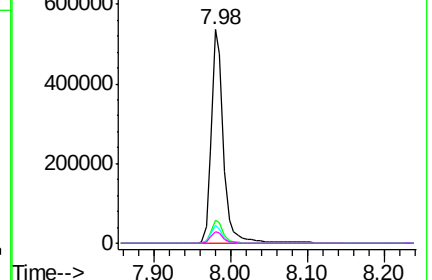
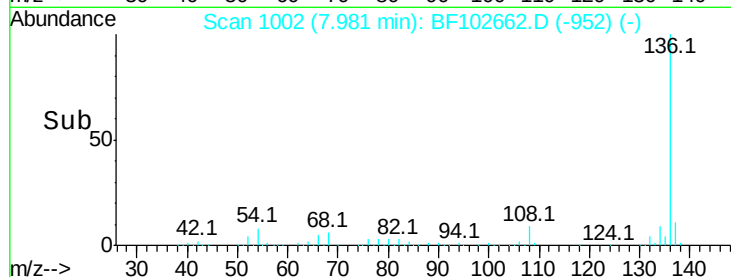


Abundance Ion 136.00 (135.70 to 136.70): E

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: 78.176 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF102662.D

Acq: 31 Jan 2018 18:42

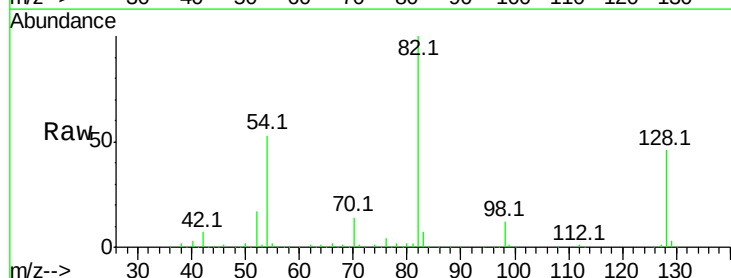
Tgt Ion: 82 Resp: 795481

Ion Ratio Lower Upper

82 100

128 46.2 36.1 54.1

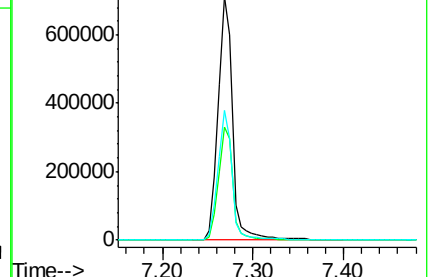
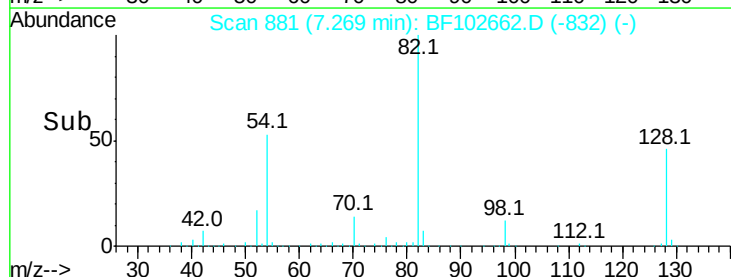
54 53.3 41.4 62.2

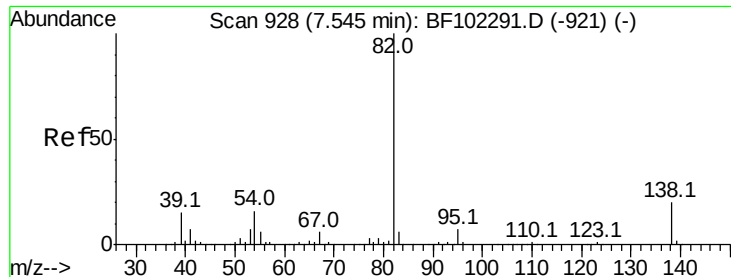


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 43.851 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.26 min

Lab File: BF102662.D

Acq: 31 Jan 2018 18:42

Instrument :

BNA_F

ClientSampled :

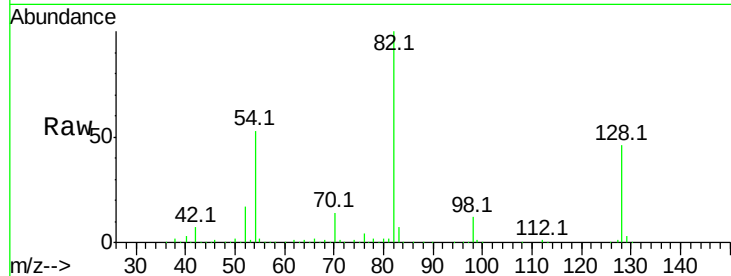
Tot Ion: 82 Resp: 795475

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

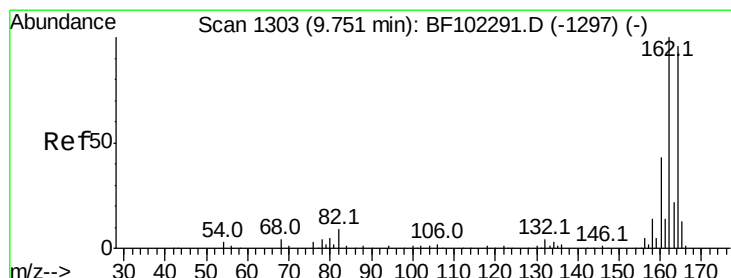
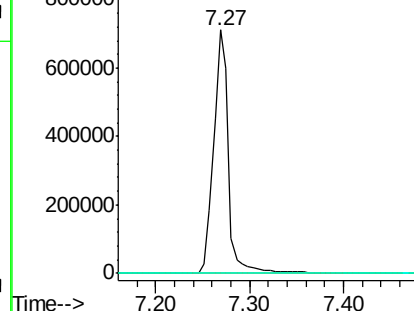
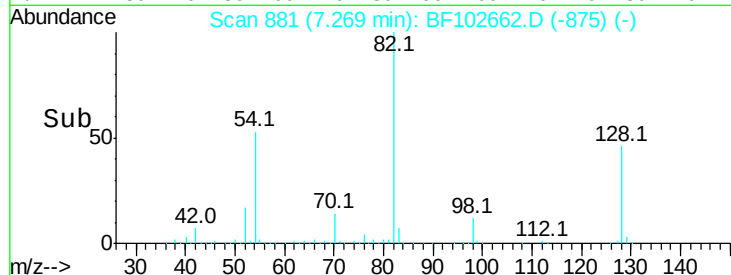
138 0.0 14.9 22.3#



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF102662.D

Acq: 31 Jan 2018 18:42

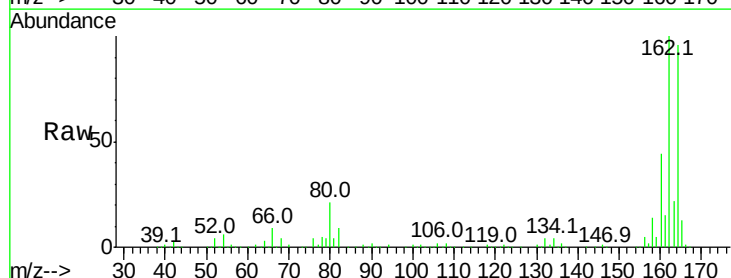
Tgt Ion:164 Resp: 270794

Ion Ratio Lower Upper

164 100

162 103.7 86.1 129.1

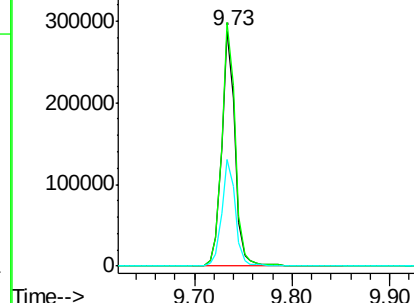
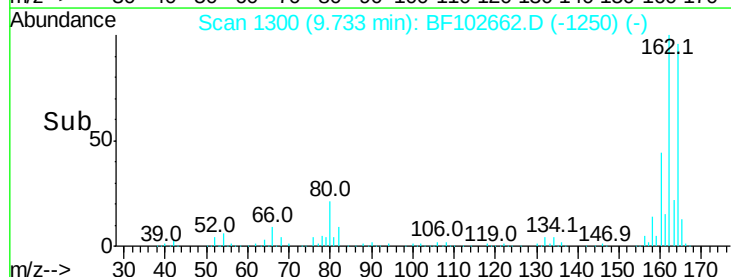
160 45.6 38.3 57.5

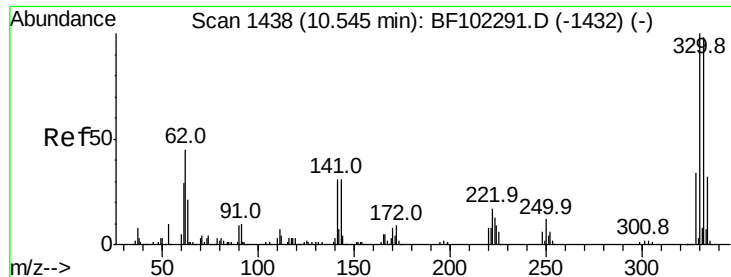


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

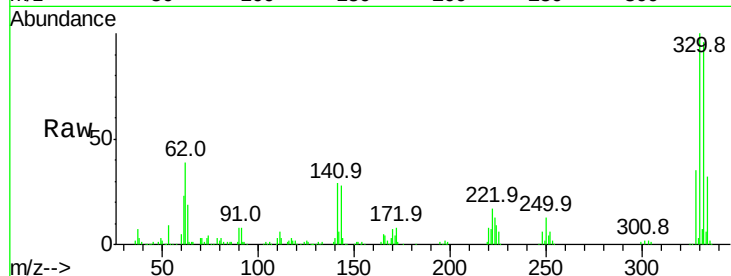




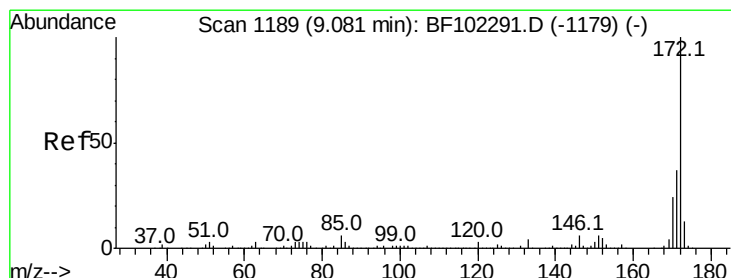
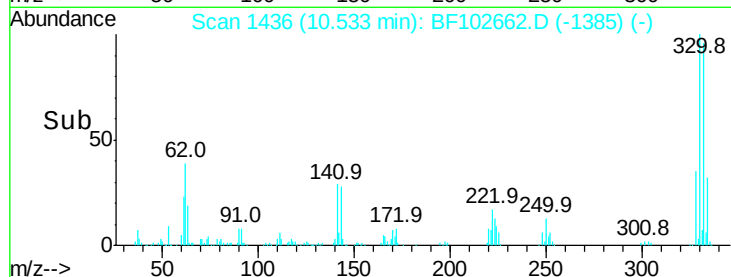
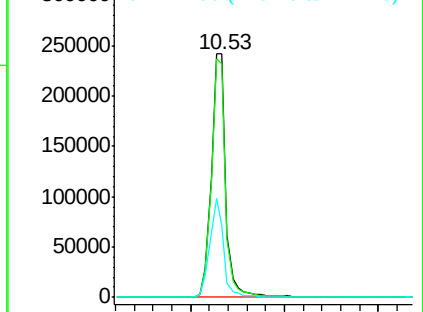
#41
 2,4,6-Tribromophenol
 Concen: 98.982 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. 0.00 min
 Lab File: BF102662.D
 Acq: 31 Jan 2018 18:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	38.9	29.9	44.9

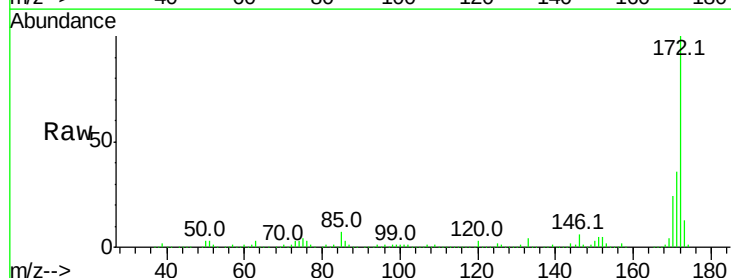


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

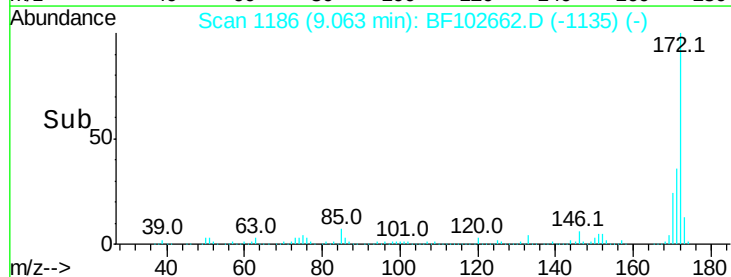
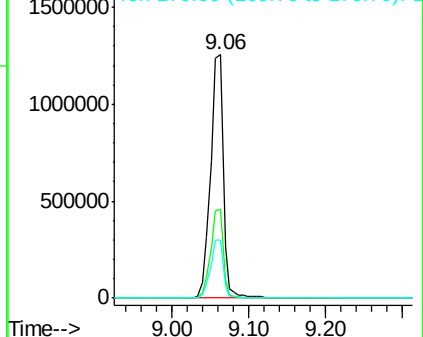


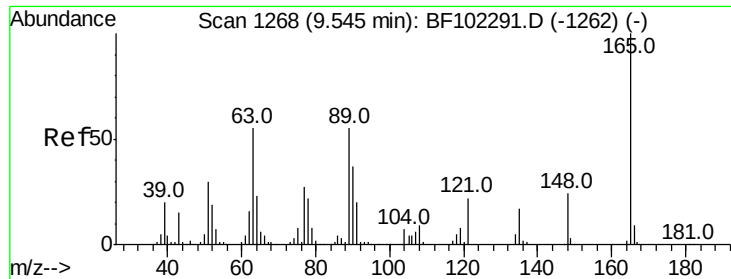
#44
 2-Fluorobiphenyl
 Concen: 77.408 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF102662.D
 Acq: 31 Jan 2018 18:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.0	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

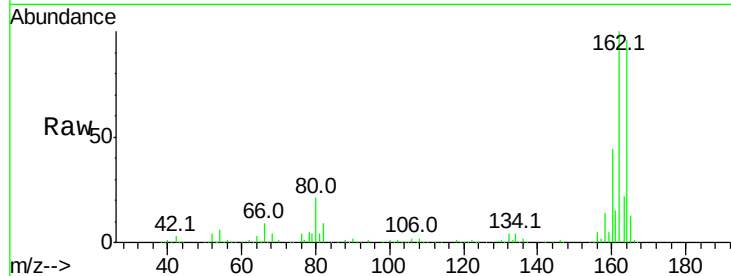




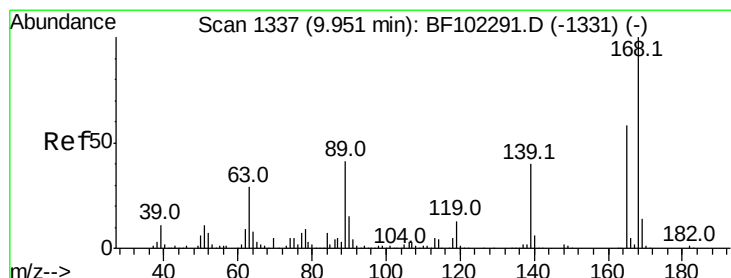
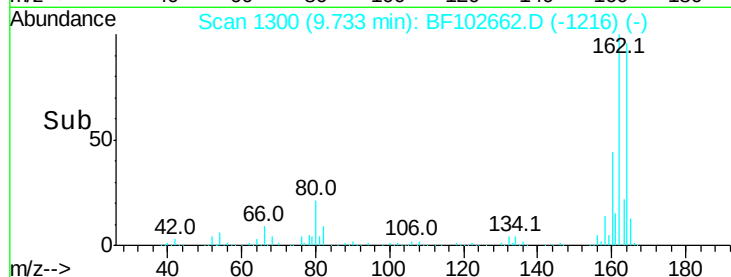
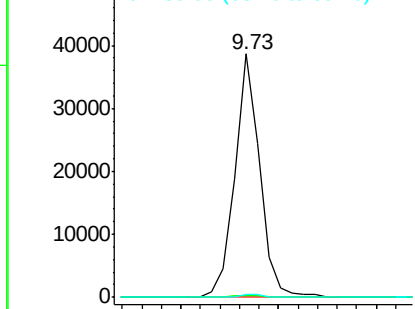
#50
 2,6-Dinitrotoluene
 Concen: 7.070 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. 0.19 min
 Lab File: BF102662.D
 Acq: 31 Jan 2018 18:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 34117
 Ion Ratio Lower Upper
 165 100
 63 0.9 44.7 67.1#
 89 1.1 44.0 66.0#

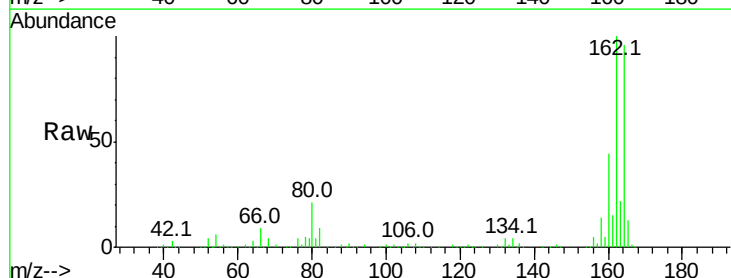


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

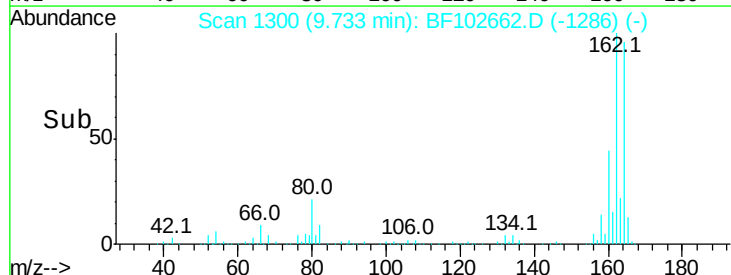
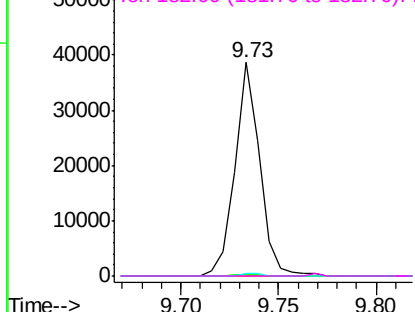


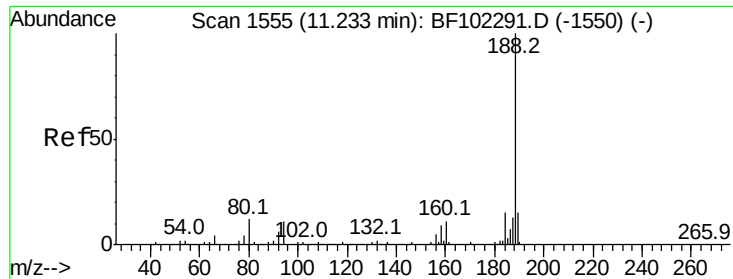
#56
 2,4-Dinitrotoluene
 Concen: 5.749 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.22 min
 Lab File: BF102662.D
 Acq: 31 Jan 2018 18:42

Tgt Ion:165 Resp: 34117
 Ion Ratio Lower Upper
 165 100
 63 0.9 36.4 54.6#
 89 1.1 57.8 86.6#
 182 0.0 1.6 2.4#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

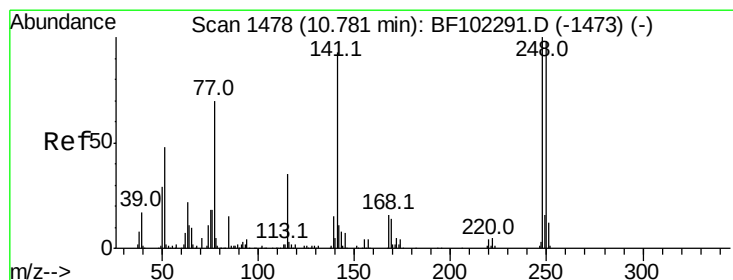
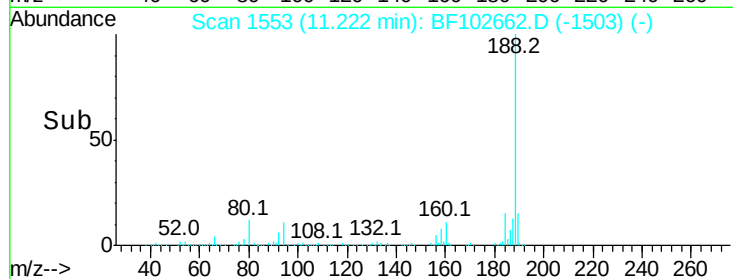
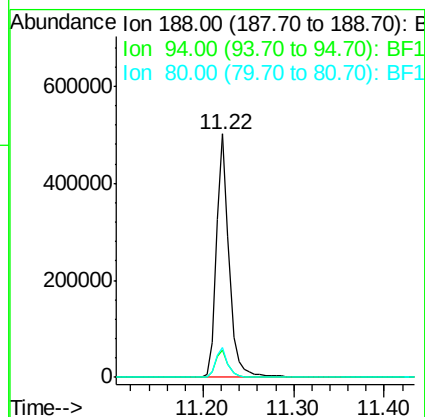
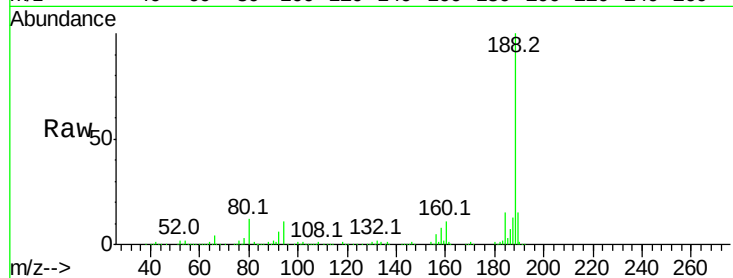




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BF102662.D
Acq: 31 Jan 2018 18:42

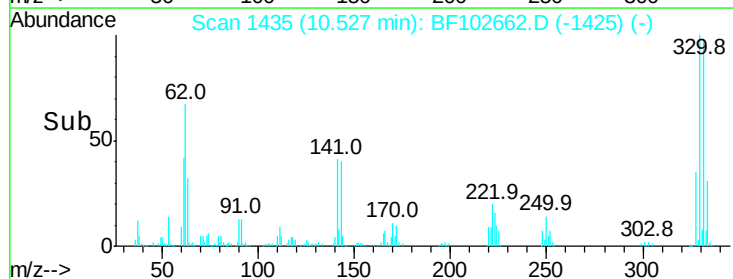
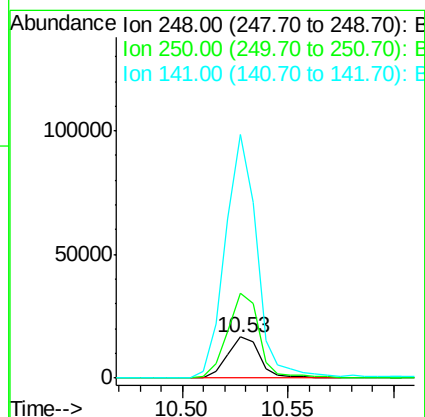
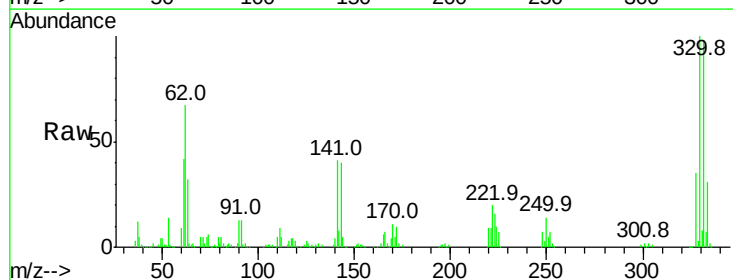
Instrument :
BNA_F
ClientSampleId :

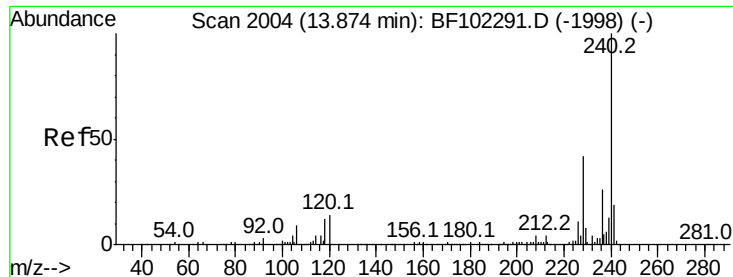
Tot Ion:188 Resp: 486419
Ion Ratio Lower Upper
188 100
94 11.3 8.5 12.7
80 12.0 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 3.384 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.24 min
Lab File: BF102662.D
Acq: 31 Jan 2018 18:42

Tgt Ion:248 Resp: 17721
Ion Ratio Lower Upper
248 100
250 206.3 76.9 115.3#
141 591.0 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BF102662.D

Acq: 31 Jan 2018 18:42

Instrument :

BNA_F

ClientSampleId :

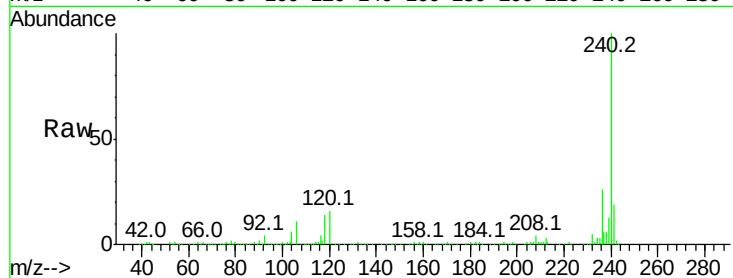
Tot Ion:240 Resp: 363093

Ion Ratio Lower Upper

240 100

120 15.9 9.5 14.3#

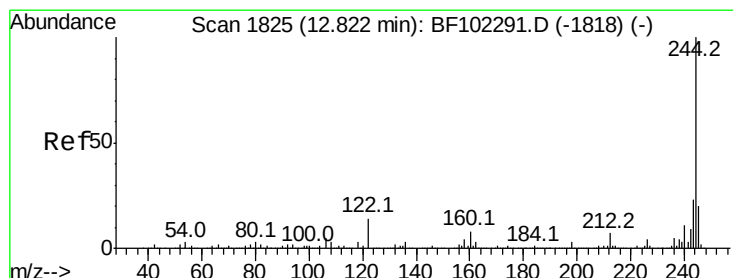
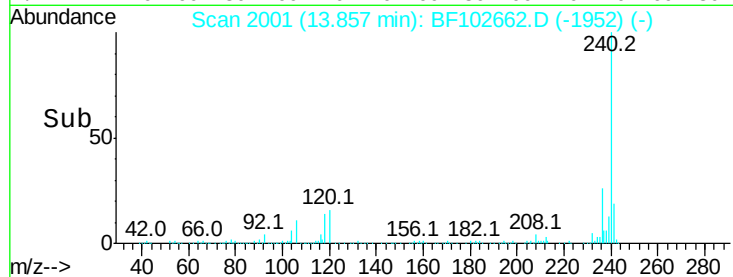
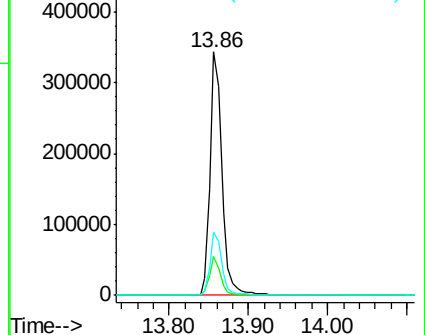
236 25.8 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 82.449 ng

RT: 12.81 min Scan# 1823

Delta R.T. 0.00 min

Lab File: BF102662.D

Acq: 31 Jan 2018 18:42

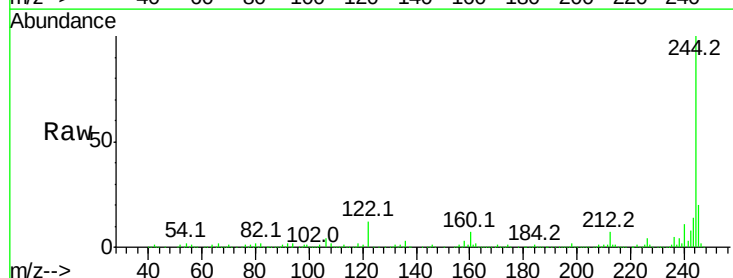
Tgt Ion:244 Resp: 1327942

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

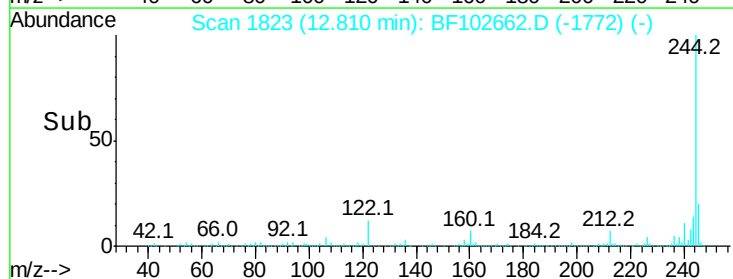
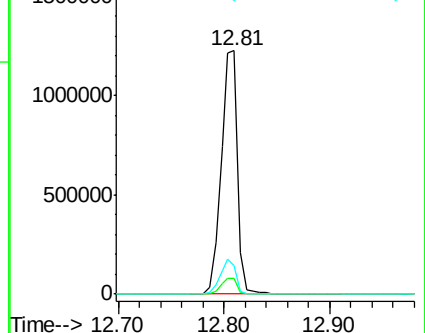
122 11.9 11.0 16.4

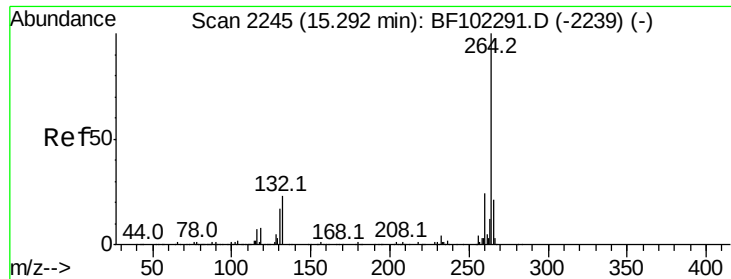


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

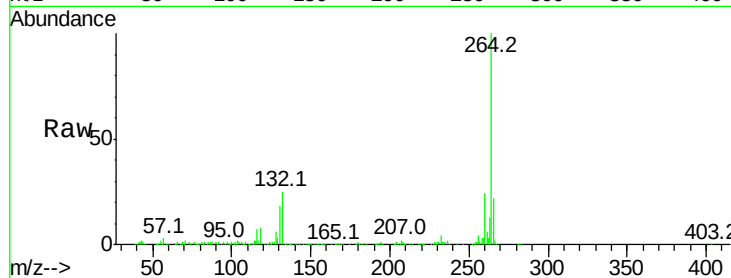




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2243
Delta R.T. -0.01 min
Lab File: BF102662.D
Acq: 31 Jan 2018 18:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.1	17.5	26.3



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

