

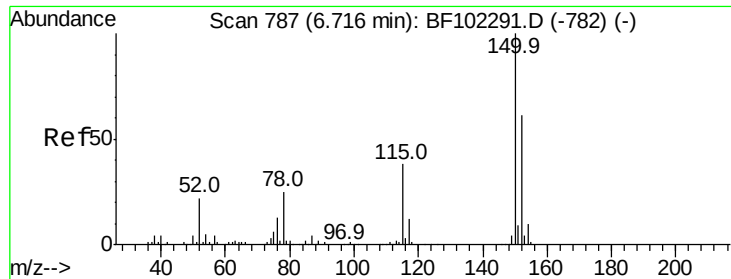
Data Path : U:\HPCHEM1\BNA F\DATA\BF012918\
 Data File : BF102621.D
 Acq On : 30 Jan 2018 2:27
 Operator : SJ/JU
 Sample : J1253-07
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 30 04:49:44 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 27 20:48:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	186817	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	705714	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	311750	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	516701	20.00	ng	0.00
75) Chrysene-d12	13.87	240	328727	20.00	ng	0.00
86) Perylene-d12	15.31	264	302824	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1163747	94.45	ng	0.00
7) Phenol-d6	6.36	99	1391834	93.70	ng	0.00
23) Nitrobenzene-d5	7.28	82	792255	64.51	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	242723	78.58	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1298415	61.24	ng	0.00
78) Terphenyl-d14	12.82	244	937062	64.26	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.28	70	102710	11.299	ng	# 79
25) Isophorone	7.28	82	792246	36.187	ng	# 64
49) Dimethylphthalate	9.47	163	149314	5.795	ng	# 99
56) 2,4-Dinitrotoluene	9.75	165	38572	5.646	ng	# 23
66) 4-Bromophenyl-phenylether	10.54	248	16886	3.036	ng	# 1

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

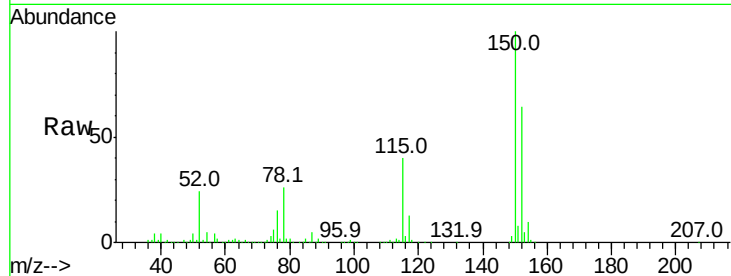


#1

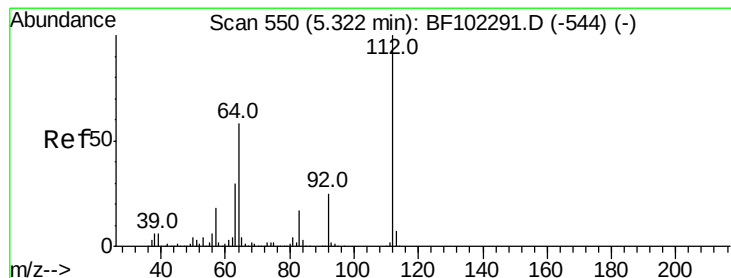
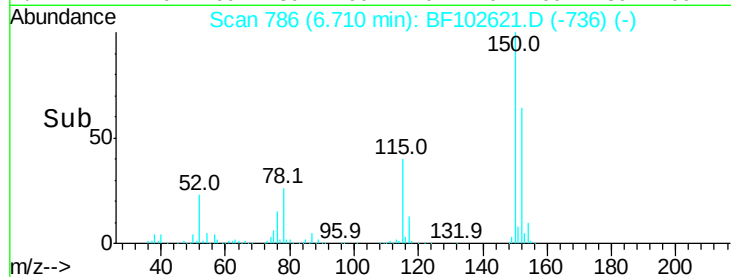
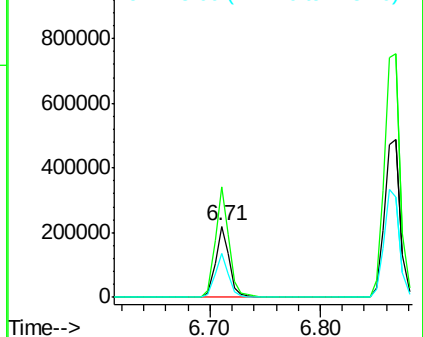
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF102621.D
Acq: 30 Jan 2018 2:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 186817
Ion Ratio Lower Upper
152 100
150 155.6 124.6 186.8
115 62.4 50.1 75.1



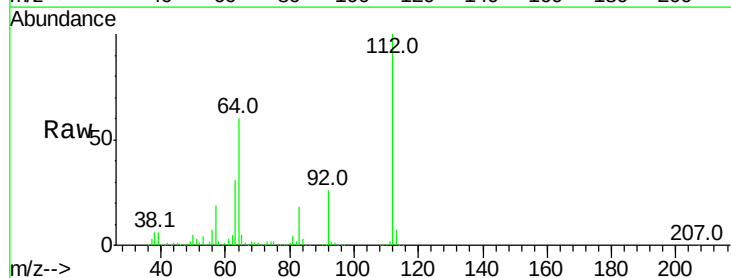
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



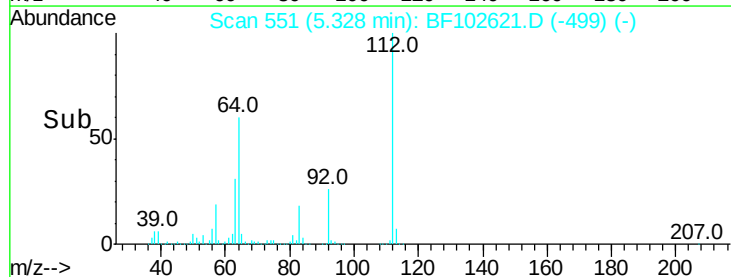
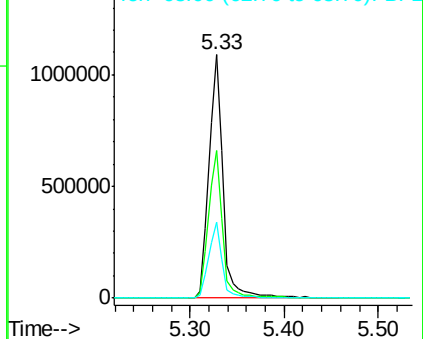
#5

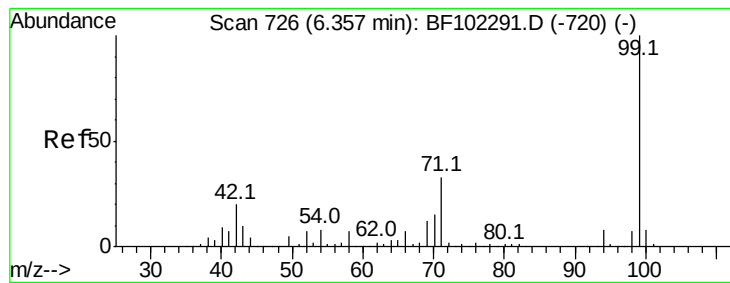
2-Fluorophenol
Concen: 94.453 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF102621.D
Acq: 30 Jan 2018 2:27

Tgt Ion:112 Resp: 1163747
Ion Ratio Lower Upper
112 100
64 60.5 47.9 71.9
63 31.4 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: 93.701 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF102621.D

Acq: 30 Jan 2018 2:27

Instrument :

BNA_F

ClientSampleId :

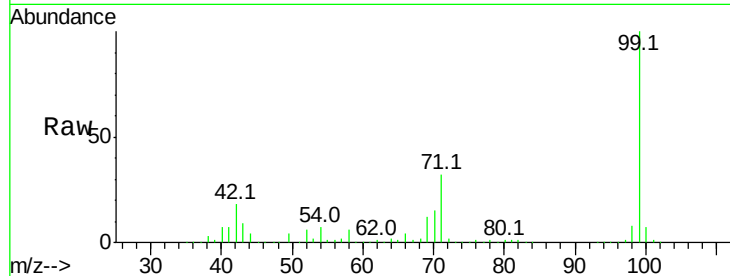
Tot Ion: 99 Resp: 1391834

Ion Ratio Lower Upper

99 100

42 18.3 14.5 21.7

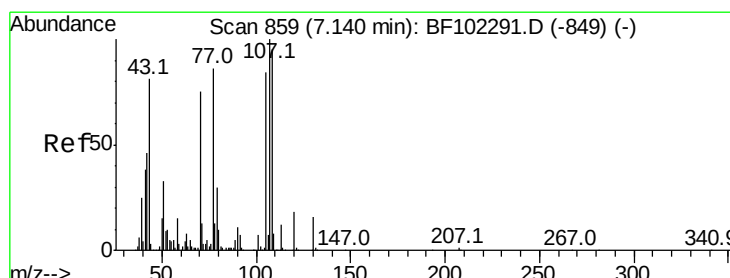
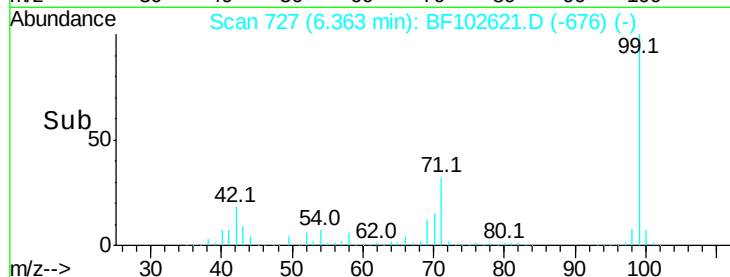
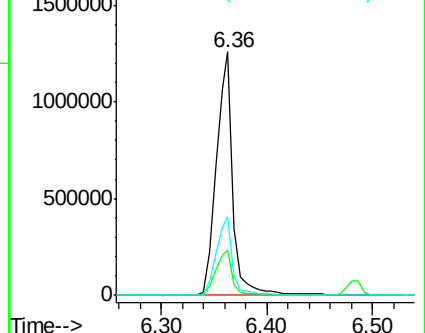
71 32.4 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 11.299 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.15 min

Lab File: BF102621.D

Acq: 30 Jan 2018 2:27

Tgt Ion: 70 Resp: 102710

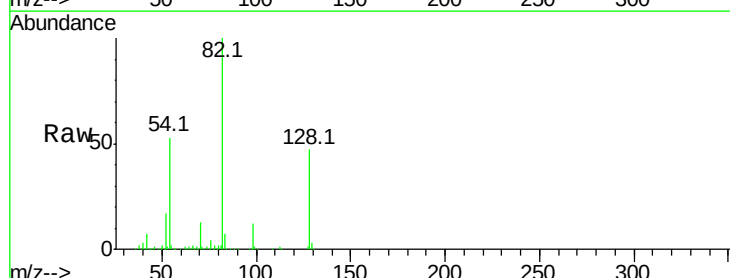
Ion Ratio Lower Upper

70 100

42 49.3 47.5 71.3

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

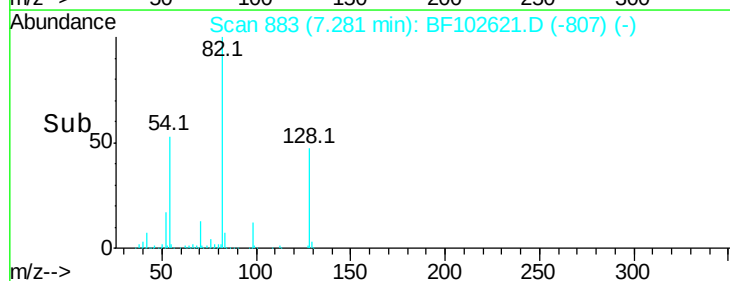
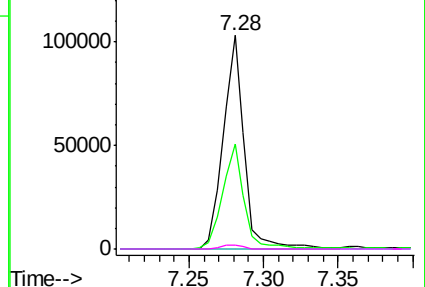


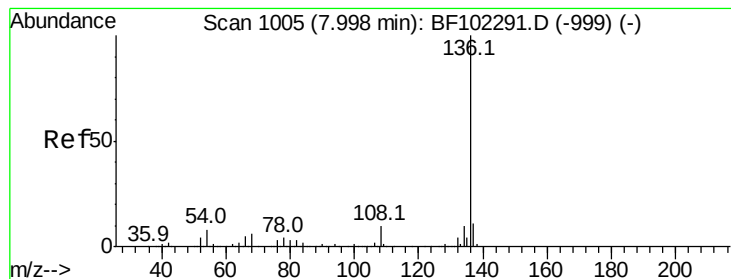
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF102621.D

Acq: 30 Jan 2018 2:27

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 705714

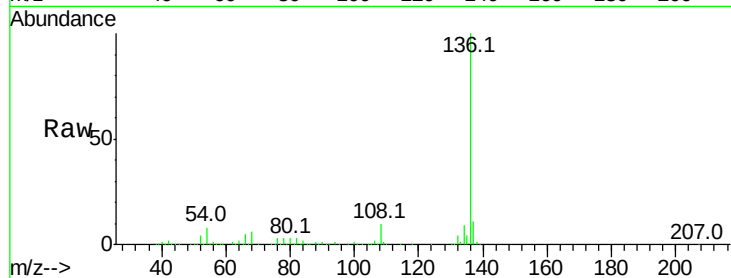
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.3 6.6 9.8

68 5.9 5.0 7.4

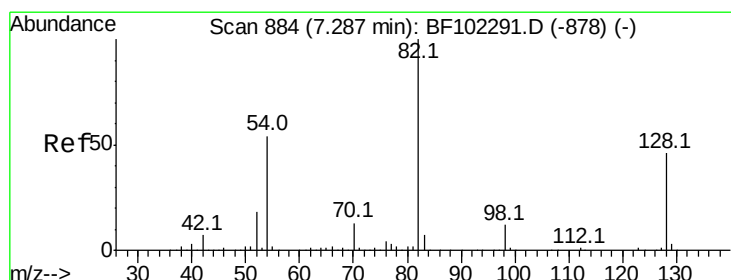
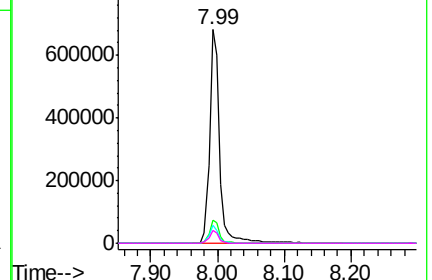
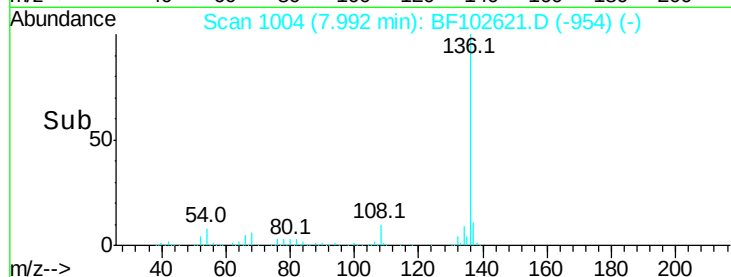


Abundance Ion 136.00 (135.70 to 136.70): E

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: 64.514 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF102621.D

Acq: 30 Jan 2018 2:27

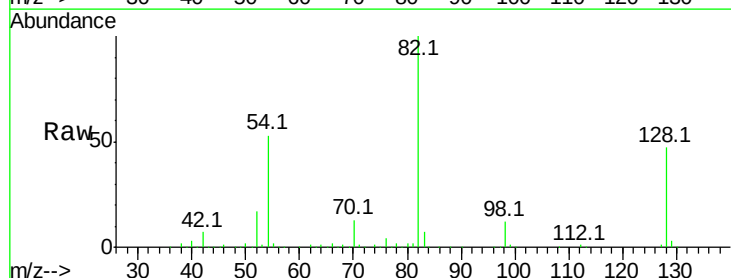
Tgt Ion: 82 Resp: 792255

Ion Ratio Lower Upper

82 100

128 46.9 36.1 54.1

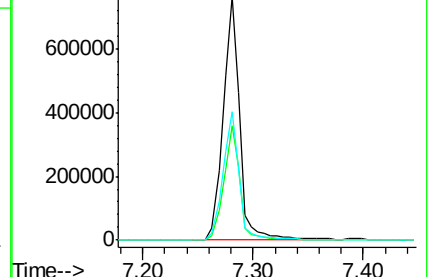
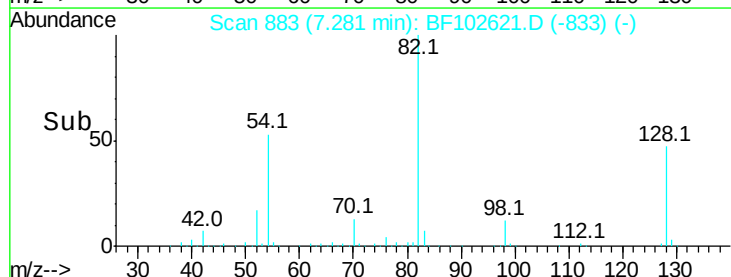
54 52.9 41.4 62.2

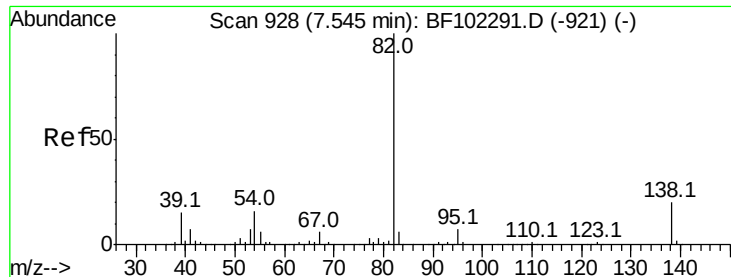


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

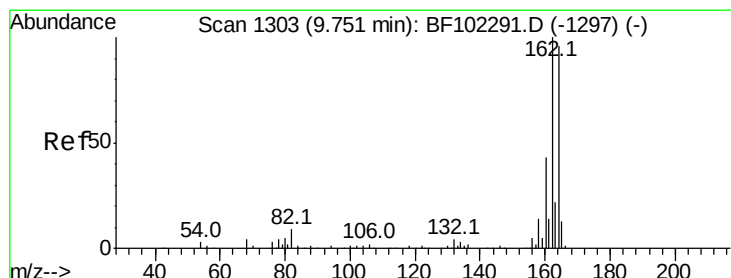
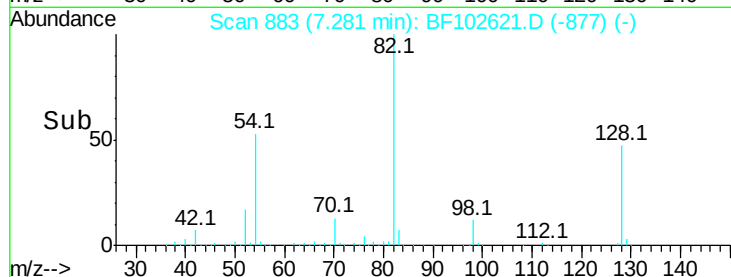
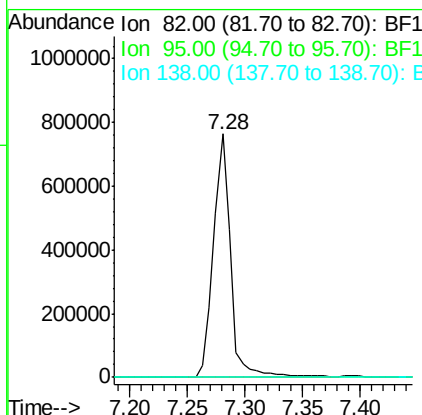
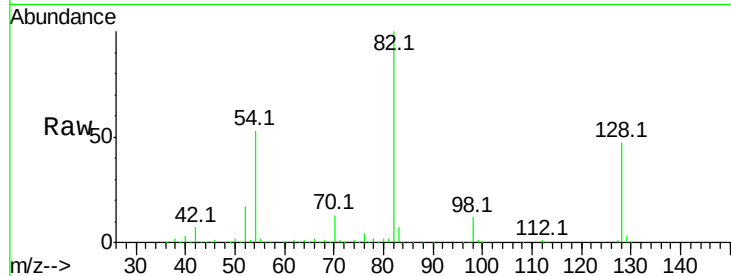




#25
Isophorone
Concen: 36.187 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.26 min
Lab File: BF102621.D
Acq: 30 Jan 2018 2:27

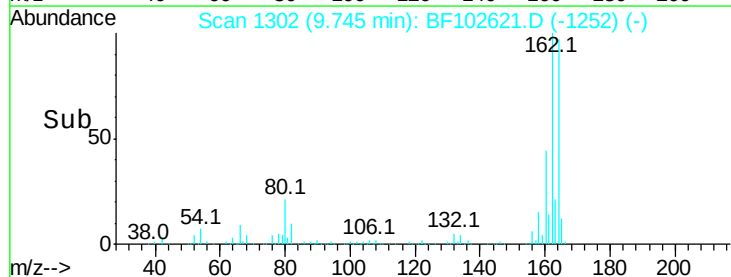
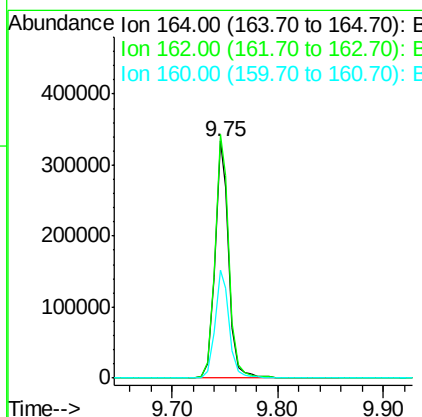
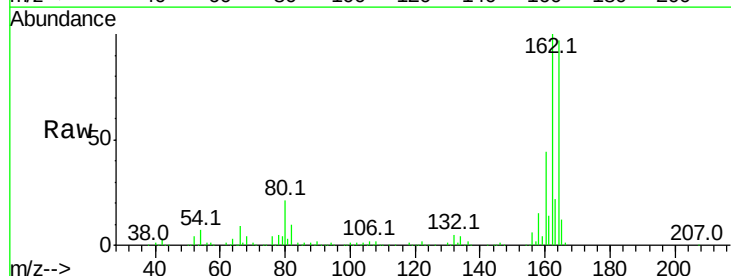
Instrument :
BNA_F
ClientSampleId :

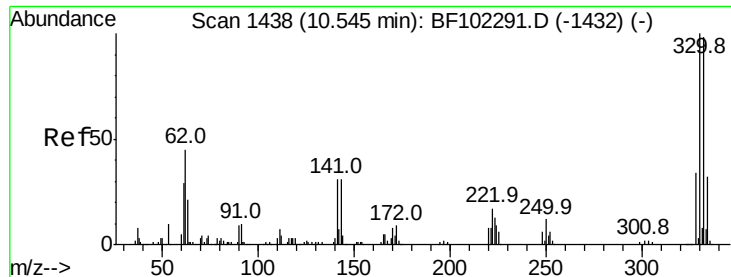
Tot Ion: 82 Resp: 792246
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF102621.D
Acq: 30 Jan 2018 2:27

Tgt Ion:164 Resp: 311750
Ion Ratio Lower Upper
164 100
162 102.8 86.1 129.1
160 45.5 38.3 57.5

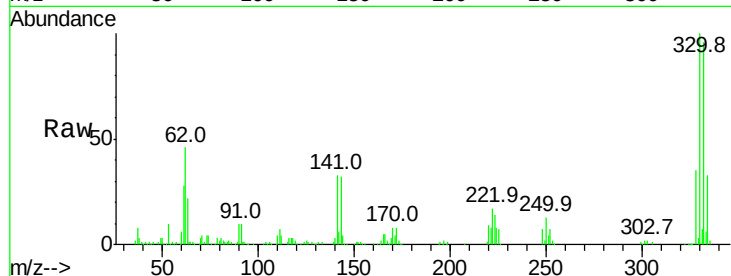




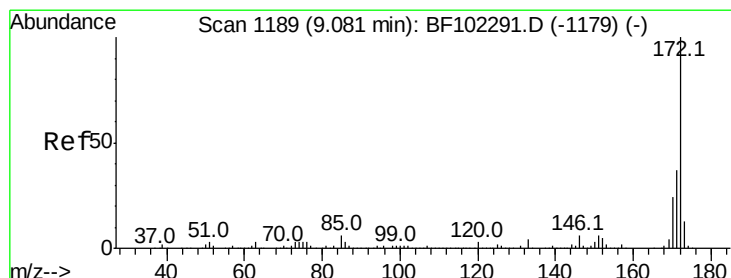
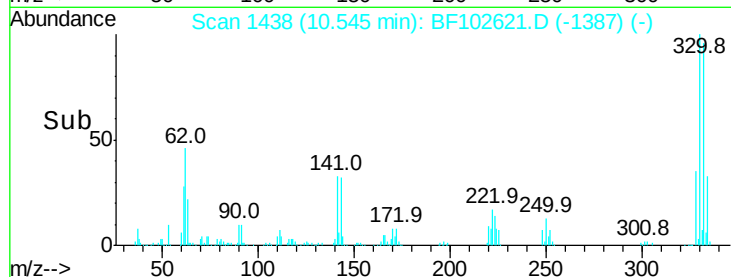
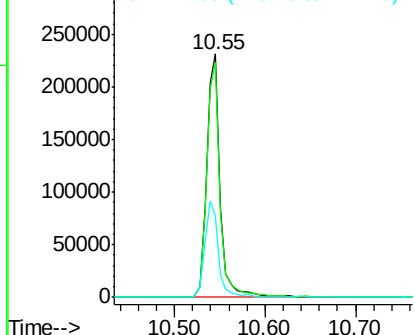
#41
 2,4,6-Tribromophenol
 Concen: 78.577 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: BF102621.D
 Acq: 30 Jan 2018 2:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	40.3	29.9	44.9

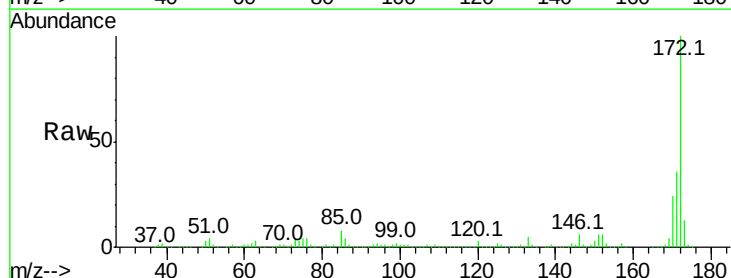


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

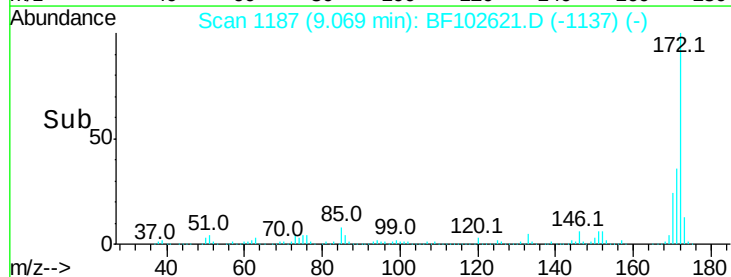
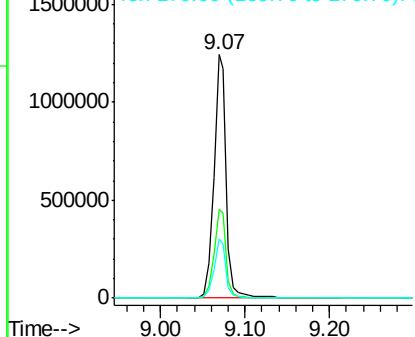


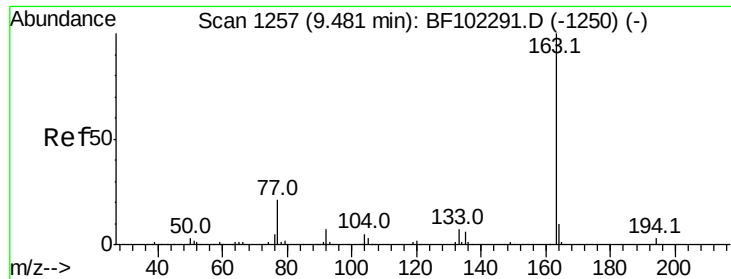
#44
 2-Fluorobiphenyl
 Concen: 61.239 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF102621.D
 Acq: 30 Jan 2018 2:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.2	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

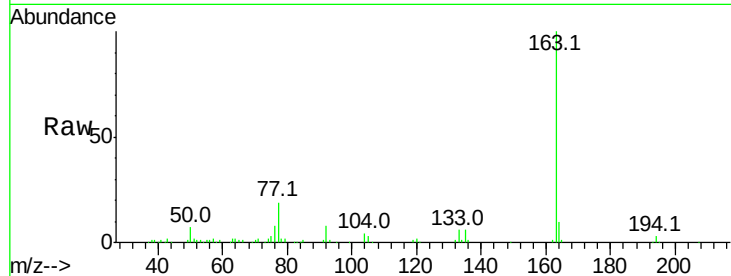




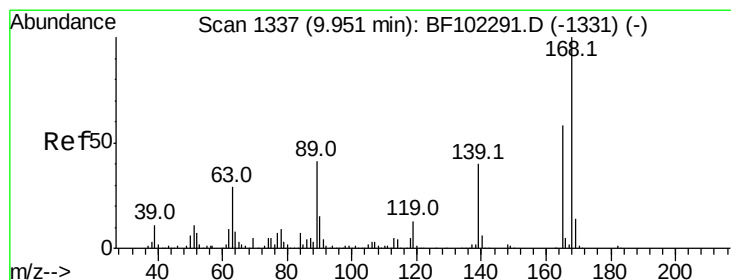
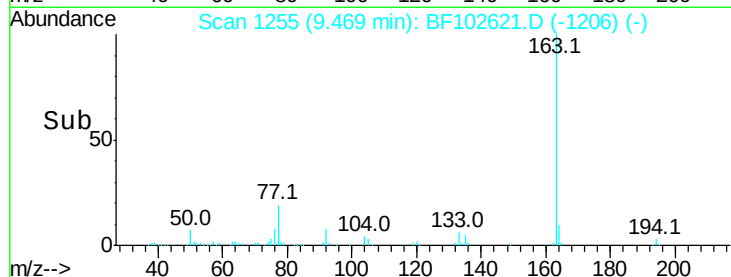
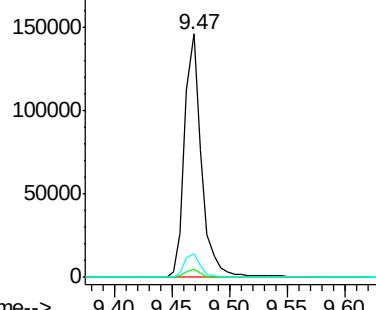
#49
Dimethylphthalate
Concen: 5.795 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF102621.D
Acq: 30 Jan 2018 2:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 149314
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 9.6 8.2 12.2

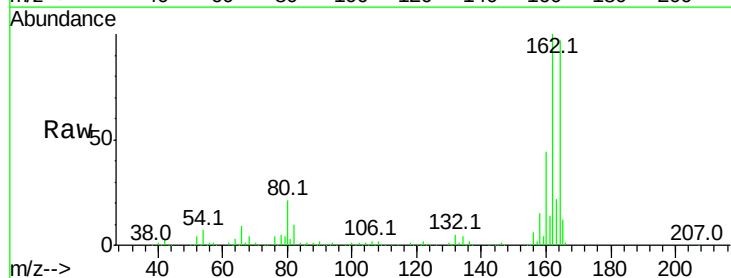


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

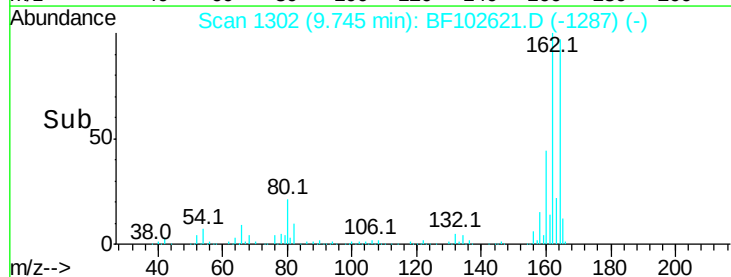
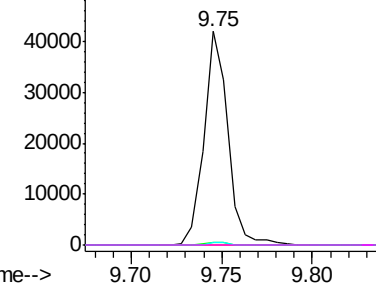


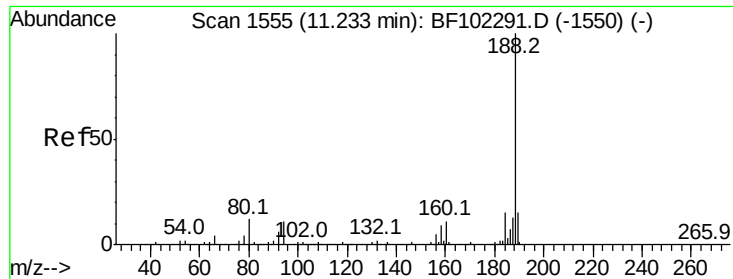
#56
2,4-Dinitrotoluene
Concen: 5.646 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.21 min
Lab File: BF102621.D
Acq: 30 Jan 2018 2:27

Tgt Ion:165 Resp: 38572
Ion Ratio Lower Upper
165 100
63 1.4 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

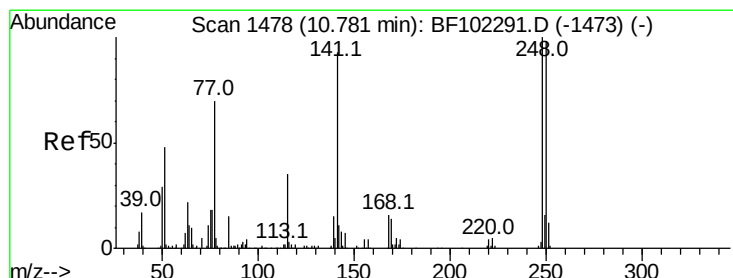
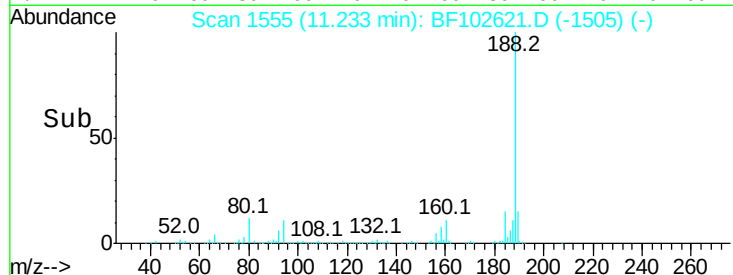
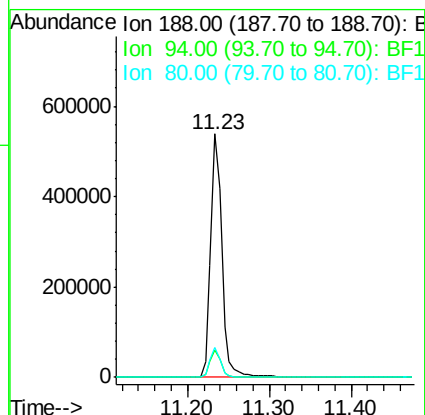
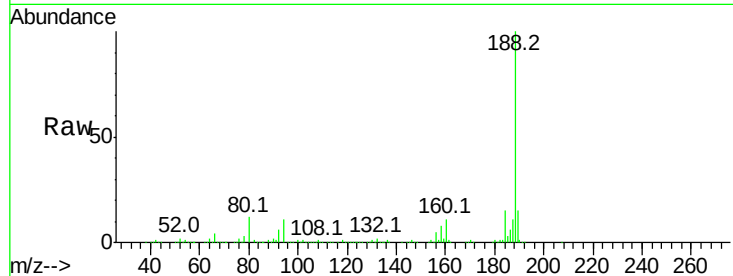




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102621.D
Acq: 30 Jan 2018 2:27

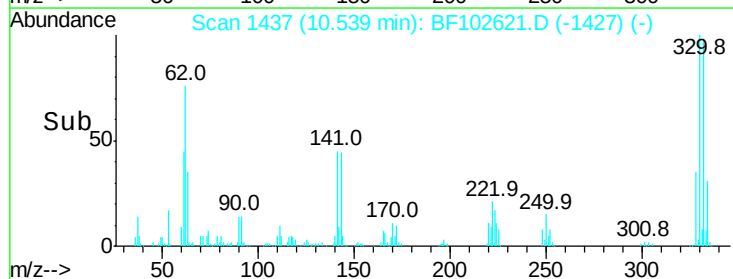
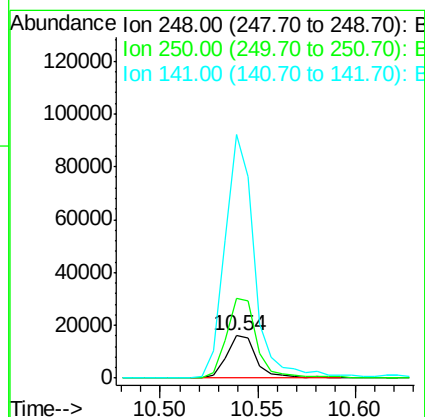
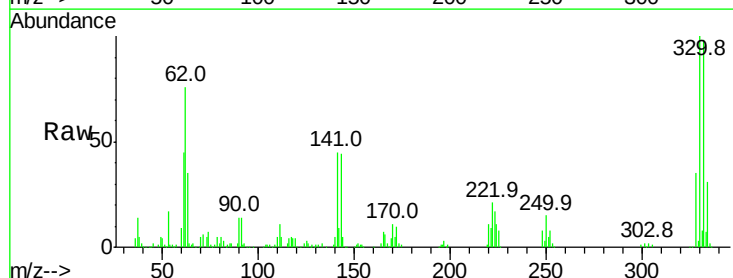
Instrument :
BNA_F
ClientSampleId :

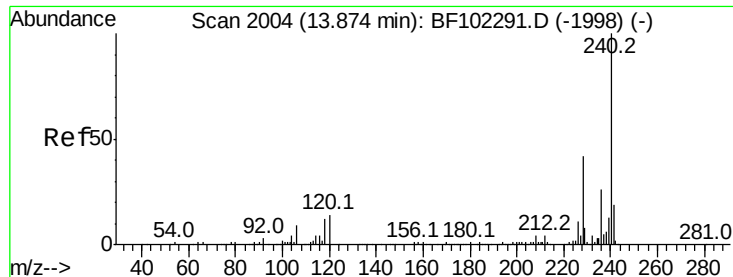
Tot Ion:188 Resp: 516701
Ion Ratio Lower Upper
188 100
94 11.2 8.5 12.7
80 12.3 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 3.036 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.24 min
Lab File: BF102621.D
Acq: 30 Jan 2018 2:27

Tgt Ion:248 Resp: 16886
Ion Ratio Lower Upper
248 100
250 188.1 76.9 115.3#
141 577.4 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF102621.D

Acq: 30 Jan 2018 2:27

Instrument :

BNA_F

ClientSampleId :

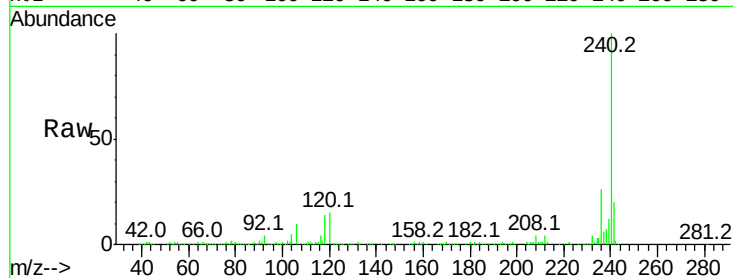
Tot Ion:240 Resp: 328727

Ion Ratio Lower Upper

240 100

120 15.3 9.5 14.3#

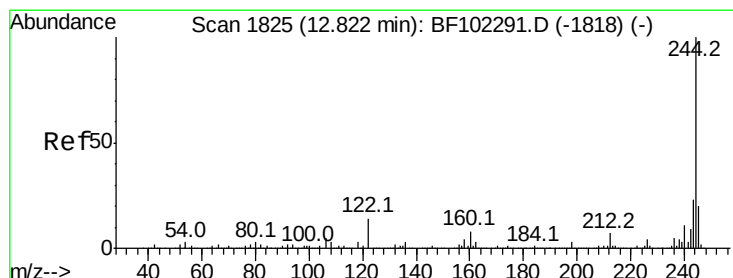
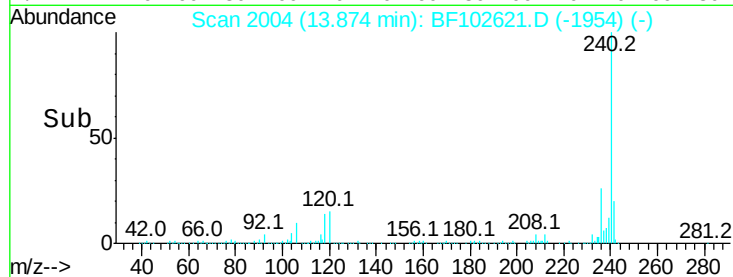
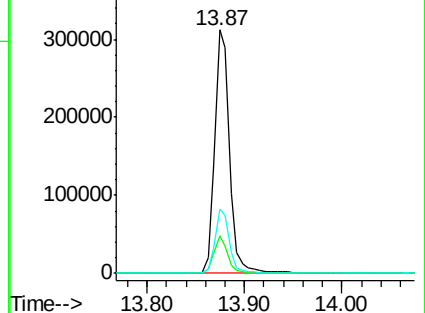
236 26.4 20.7 31.1



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: 64.262 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BF102621.D

Acq: 30 Jan 2018 2:27

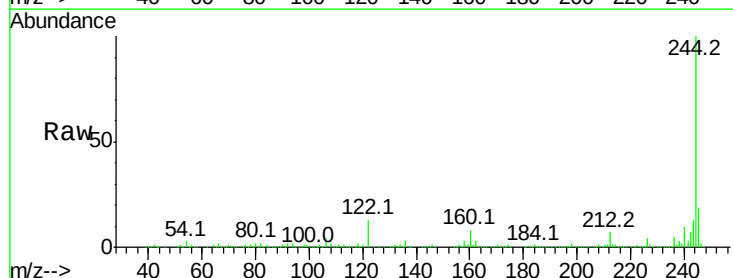
Tgt Ion:244 Resp: 937062

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

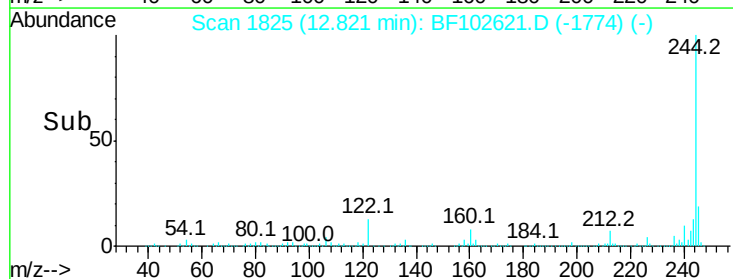
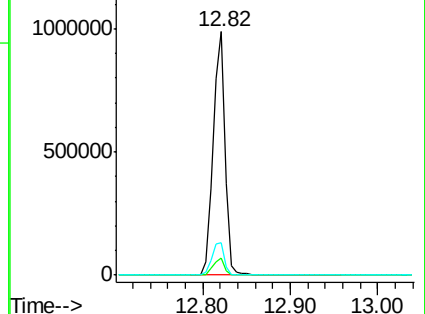
122 13.1 11.0 16.4

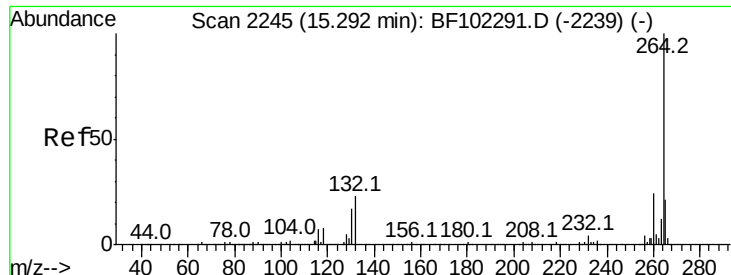


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

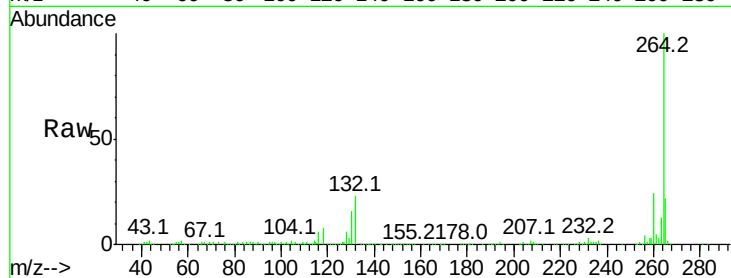




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. 0.01 min
Lab File: BF102621.D
Acq: 30 Jan 2018 2:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.7	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

