

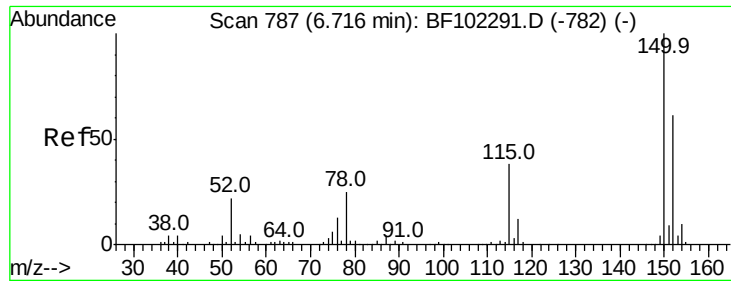
Data Path : U:\HPCHEM1\BNA F\DATA\BF012918\
 Data File : BF102614.D
 Acq On : 29 Jan 2018 23:05
 Operator : SJ/JU
 Sample : J1009-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 30 02:45:02 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	6.72	152	163044	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	679505	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	282313	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	419388	20.00	ng	0.00
75) Chrysene-d12	13.87	240	311956	20.00	ng	0.00
86) Perylene-d12	15.31	264	307935	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1230853	114.47	ng	0.03
7) Phenol-d6	6.37	99	1394638	107.58	ng	0.00
23) Nitrobenzene-d5	7.29	82	998657	84.46	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	281809	100.74	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1666057	86.77	ng	0.00
78) Terphenyl-d14	12.82	244	1153614	83.37	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	132028	16.642	ng	# 77
25) Isophorone	7.29	82	998643	47.374	ng	# 64
50) 2,6-Dinitrotoluene	9.75	165	36732	7.301	ng	# 26
56) 2,4-Dinitrotoluene	9.75	165	36732	5.937	ng	# 23
66) 4-Bromophenyl-phenylether	10.55	248	17951	3.976	ng	# 1

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

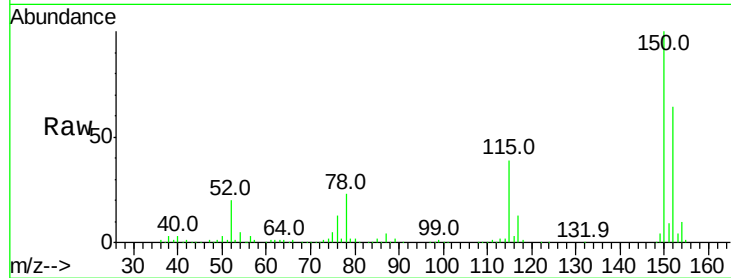


#1

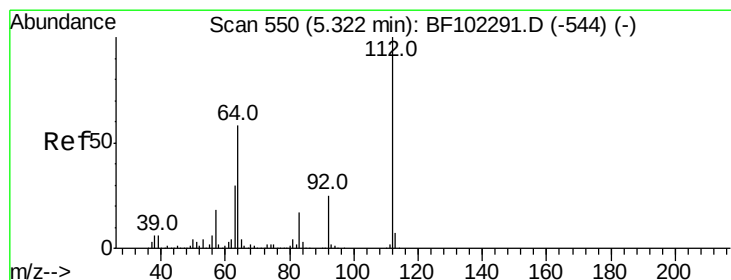
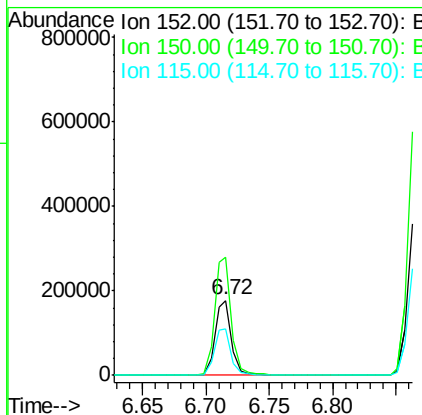
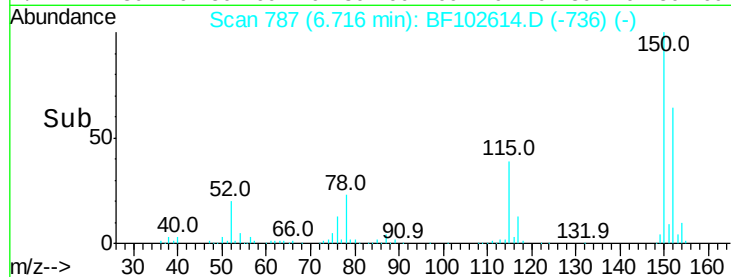
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF102614.D
Acq: 29 Jan 2018 23:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 163044
Ion Ratio Lower Upper
152 100
150 157.4 124.6 186.8
115 62.0 50.1 75.1



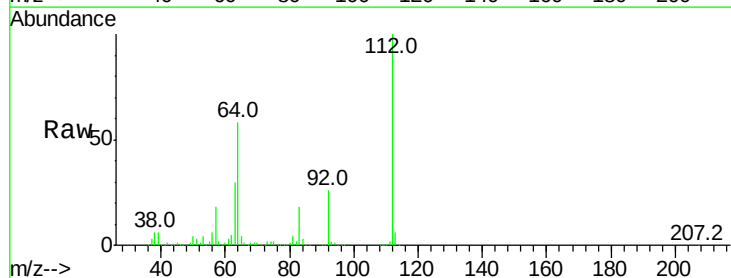
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



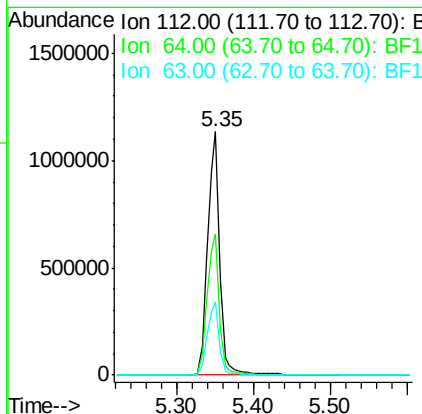
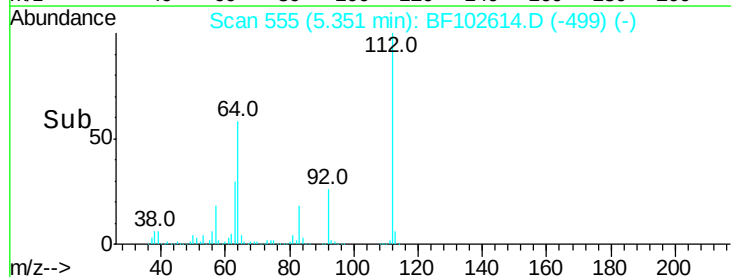
#5

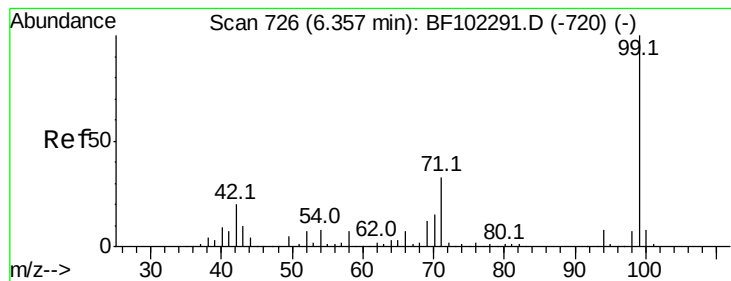
2-Fluorophenol
Concen: 114.466 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.03 min
Lab File: BF102614.D
Acq: 29 Jan 2018 23:05

Tgt Ion:112 Resp: 1230853
Ion Ratio Lower Upper
112 100
64 58.1 47.9 71.9
63 29.9 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: 107.580 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF102614.D

Acq: 29 Jan 2018 23:05

Instrument :

BNA_F

ClientSampleId :

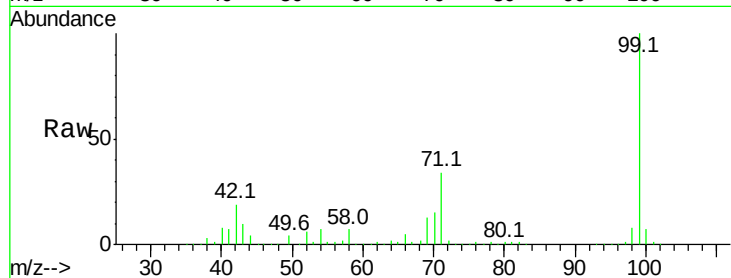
Tot Ion: 99 Resp: 1394638

Ion Ratio Lower Upper

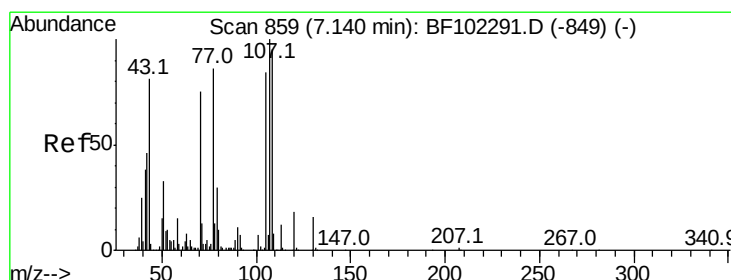
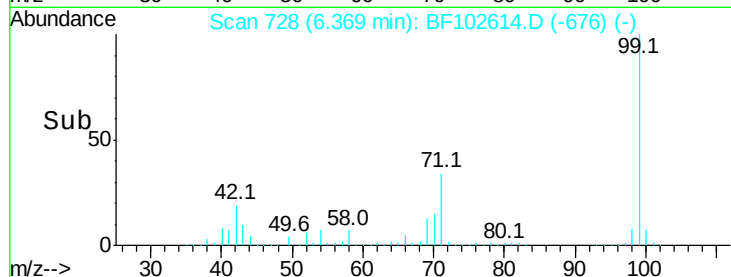
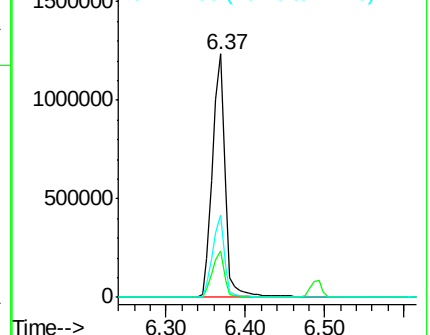
99 100

42 18.9 14.5 21.7

71 33.6 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: 16.642 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.15 min

Lab File: BF102614.D

Acq: 29 Jan 2018 23:05

Tgt Ion: 70 Resp: 132028

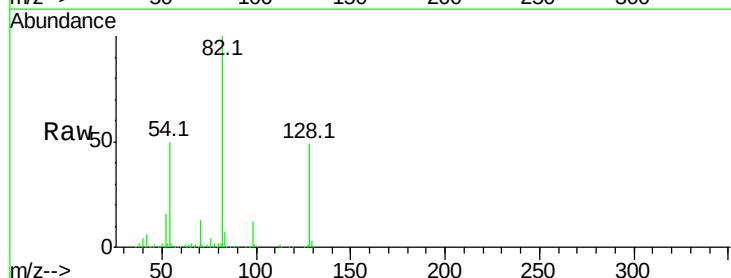
Ion Ratio Lower Upper

70 100

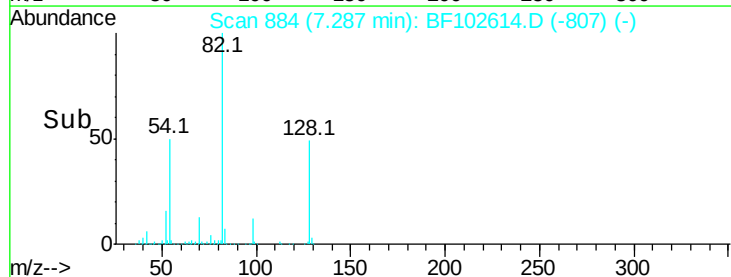
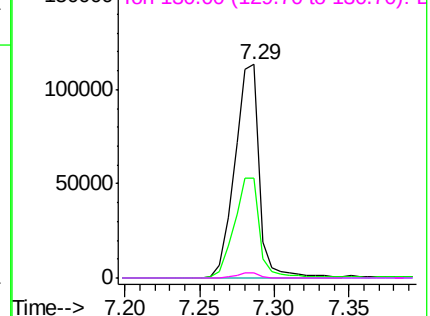
42 46.5 47.5 71.3#

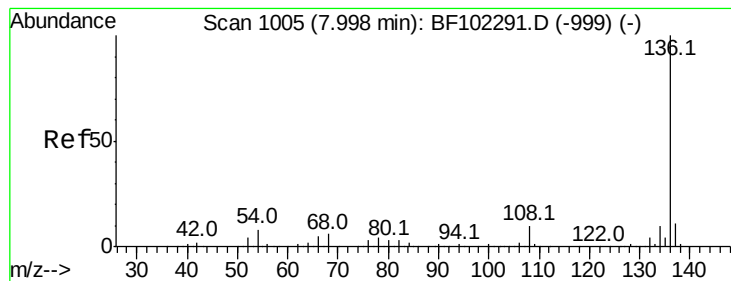
101 0.0 7.4 11.2#

130 2.5 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: BF102614.D

Acq: 29 Jan 2018 23:05

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 679505

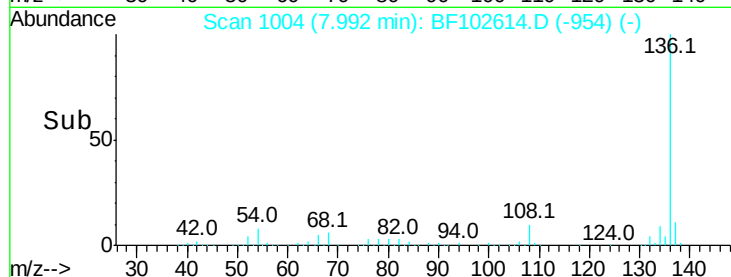
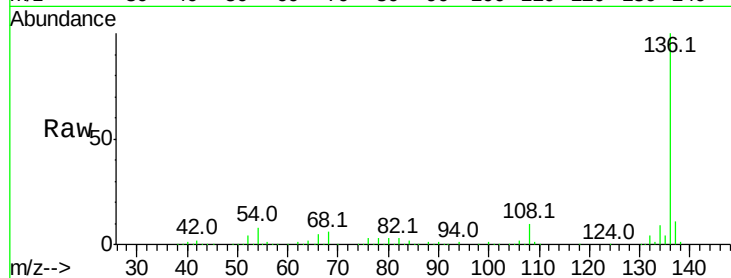
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 8.4 6.6 9.8

68 5.7 5.0 7.4

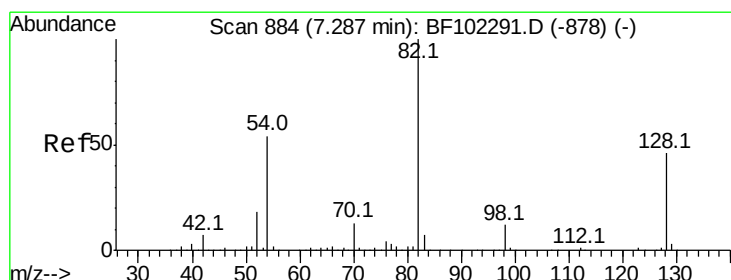
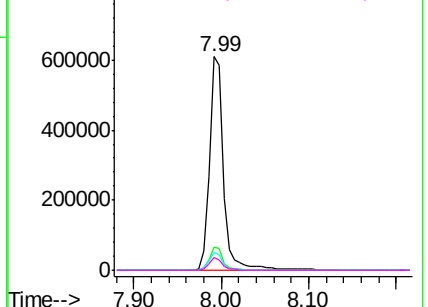


Abundance Ion 136.00 (135.70 to 136.70): E

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: 84.458 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.00 min

Lab File: BF102614.D

Acq: 29 Jan 2018 23:05

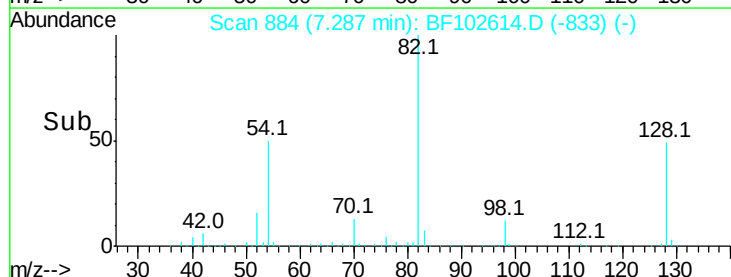
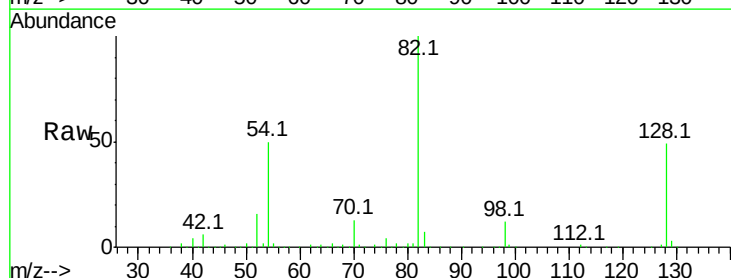
Tgt Ion: 82 Resp: 998657

Ion Ratio Lower Upper

82 100

128 48.8 36.1 54.1

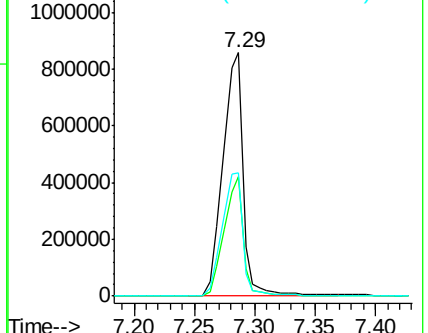
54 50.4 41.4 62.2

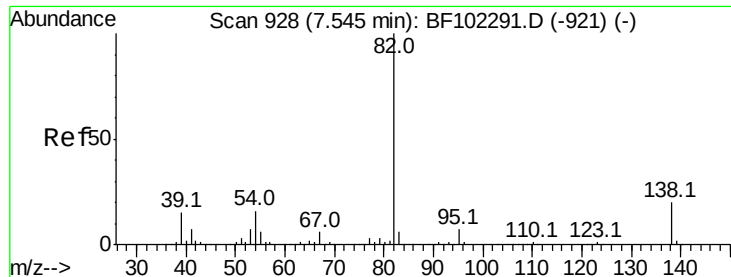


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 47.374 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.26 min

Lab File: BF102614.D

Acq: 29 Jan 2018 23:05

Instrument :

BNA_F

ClientSampleId :

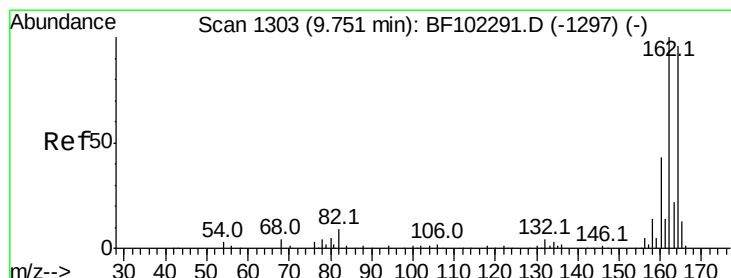
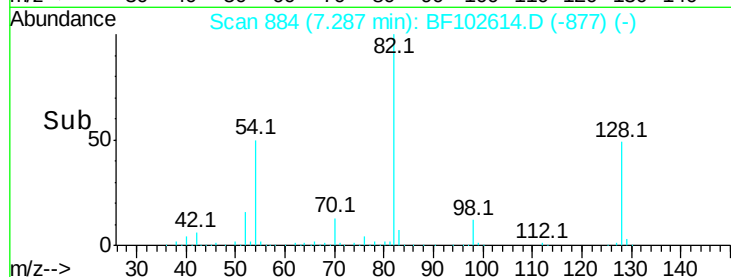
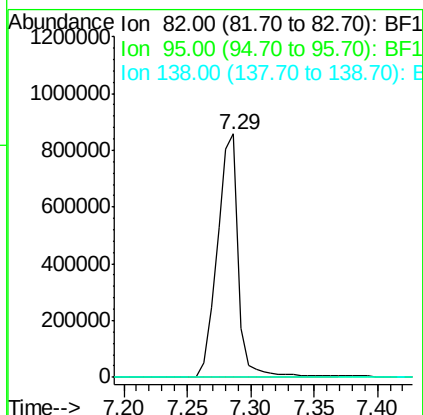
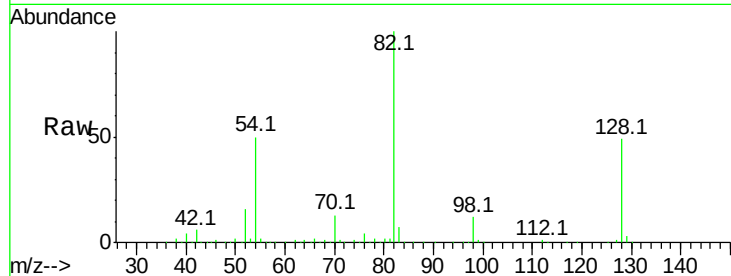
Tot Ion: 82 Resp: 998643

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: BF102614.D

Acq: 29 Jan 2018 23:05

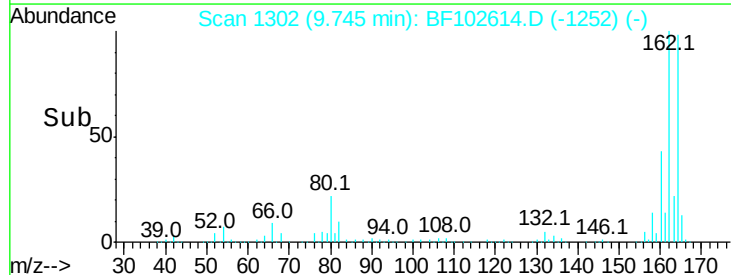
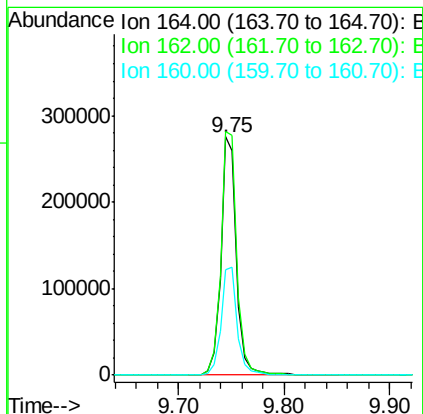
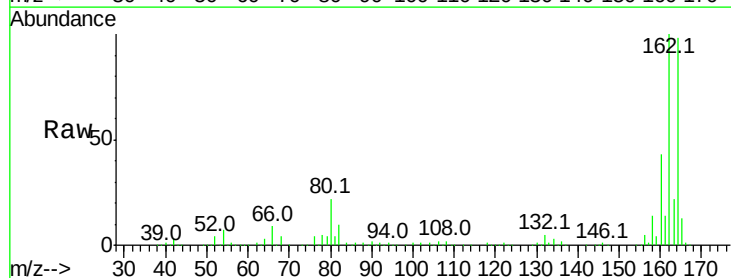
Tgt Ion:164 Resp: 282313

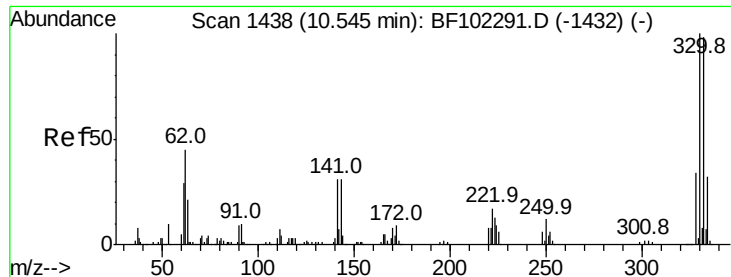
Ion Ratio Lower Upper

164 100

162 102.2 86.1 129.1

160 44.3 38.3 57.5

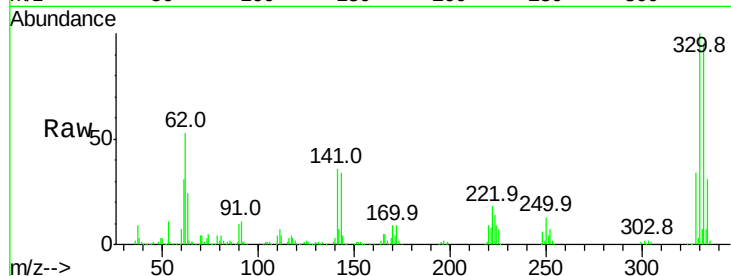




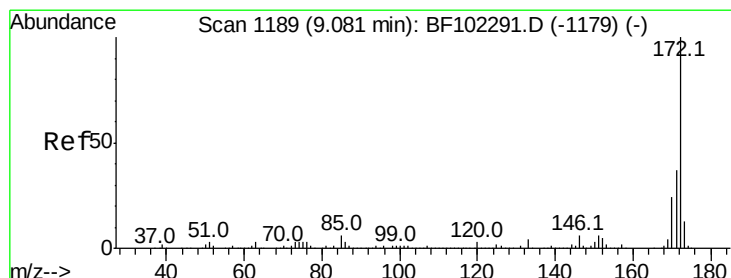
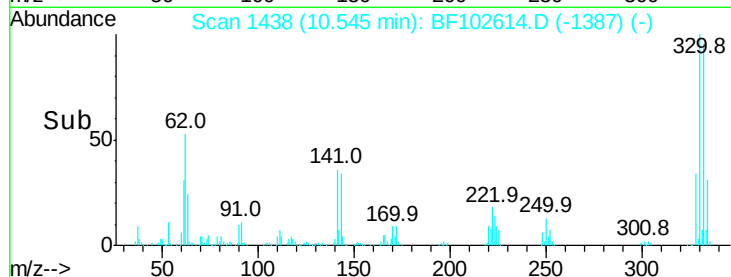
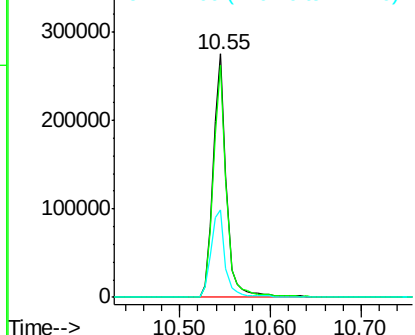
#41
 2,4,6-Tribromophenol
 Concen: 100.743 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: BF102614.D
 Acq: 29 Jan 2018 23:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.0	115.6
141	39.4	29.9	44.9

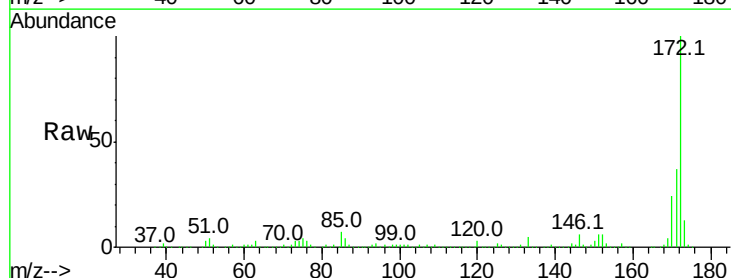


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

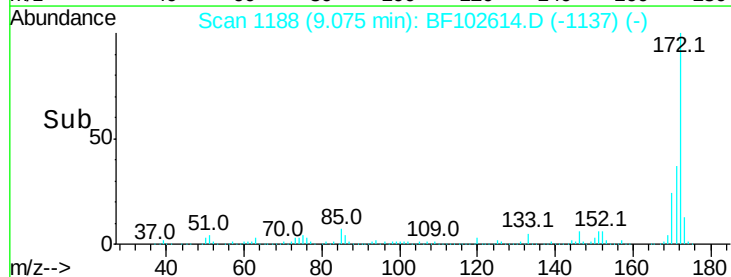
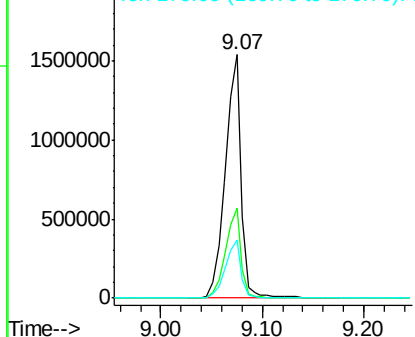


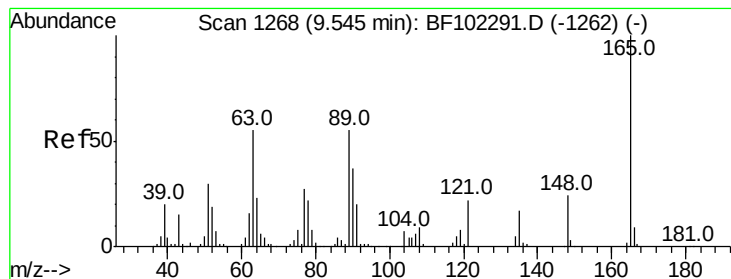
#44
 2-Fluorobiphenyl
 Concen: 86.772 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF102614.D
 Acq: 29 Jan 2018 23:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	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: 7.301 ng

RT: 9.75 min Scan# 1302

Delta R.T. 0.19 min

Lab File: BF102614.D

Acq: 29 Jan 2018 23:05

Instrument :

BNA_F

ClientSampleId :

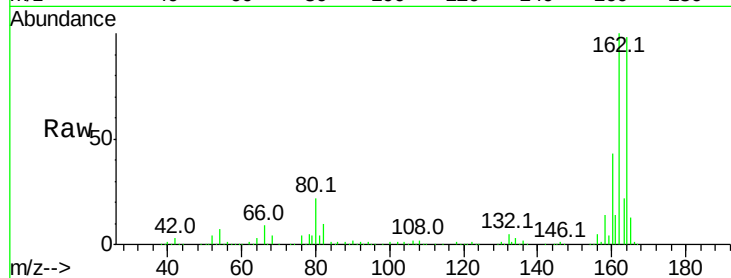
Tot Ion:165 Resp: 36732

Ion Ratio Lower Upper

165 100

63 1.5 44.7 67.1#

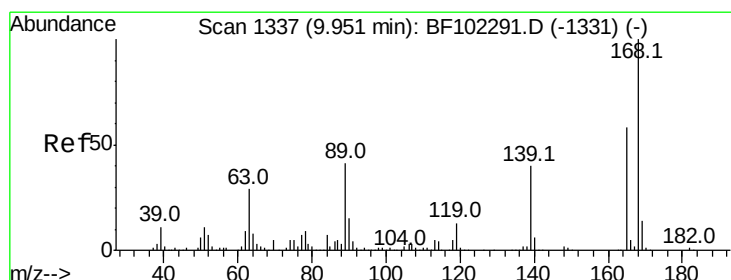
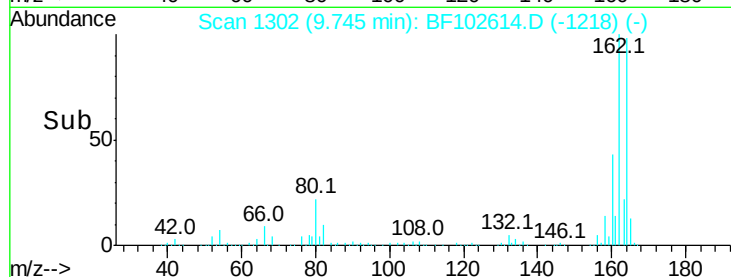
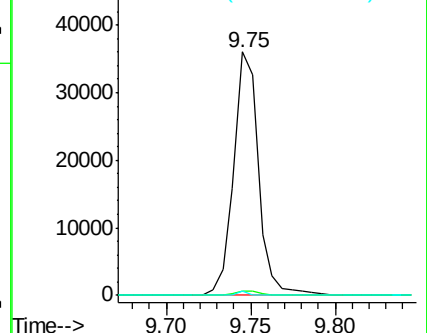
89 1.6 44.0 66.0#



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: 5.937 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.21 min

Lab File: BF102614.D

Acq: 29 Jan 2018 23:05

Tgt Ion:165 Resp: 36732

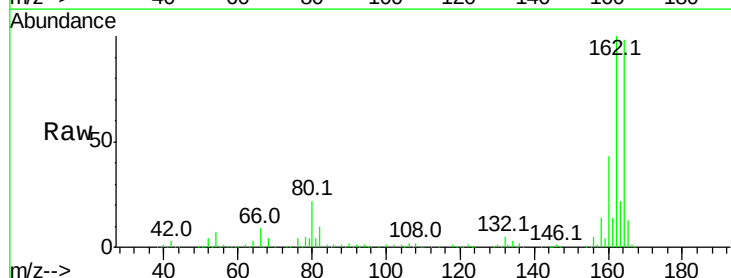
Ion Ratio Lower Upper

165 100

63 1.5 36.4 54.6#

89 1.6 57.8 86.6#

182 0.0 1.6 2.4#

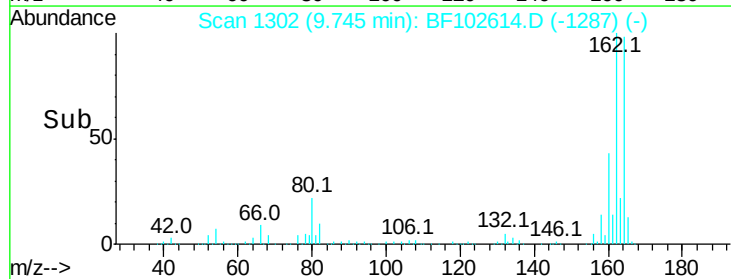
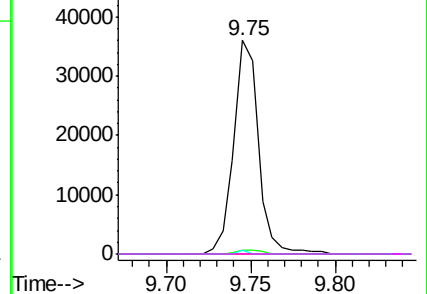


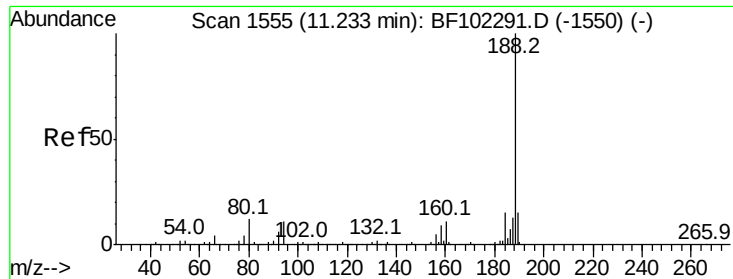
Abundance Ion 165.00 (164.70 to 165.70): E

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

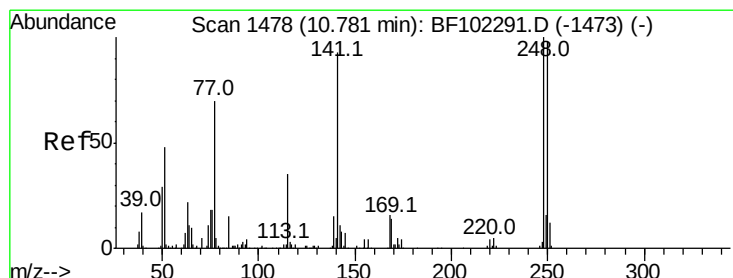
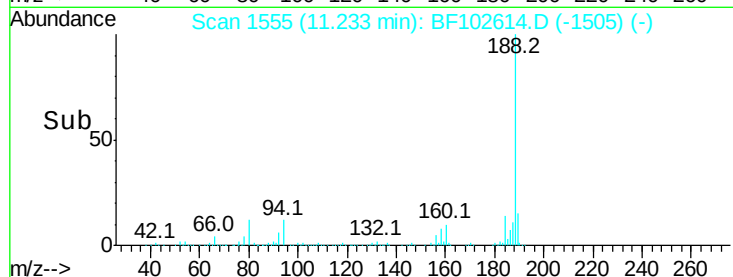
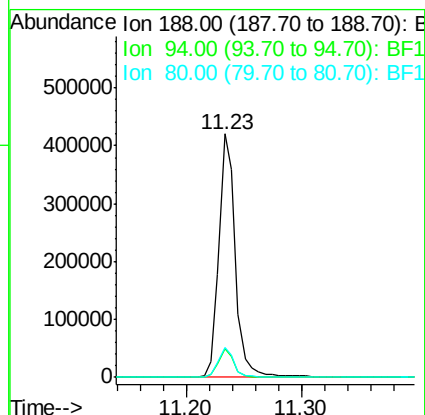
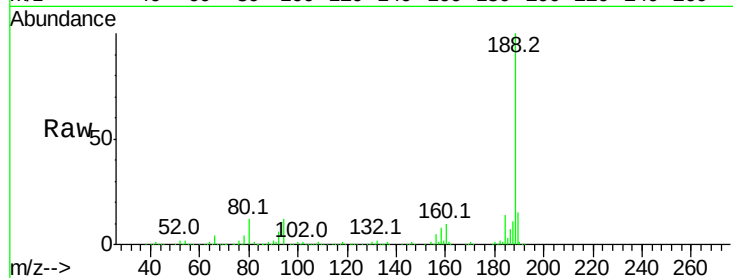




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102614.D
Acq: 29 Jan 2018 23:05

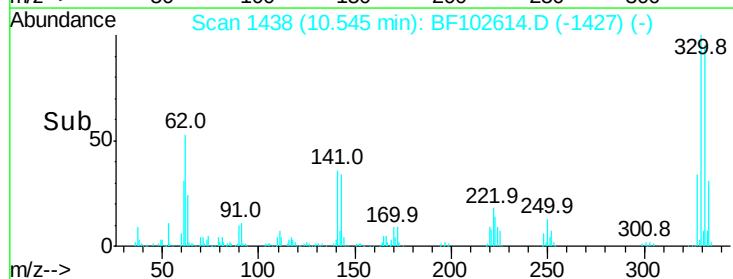
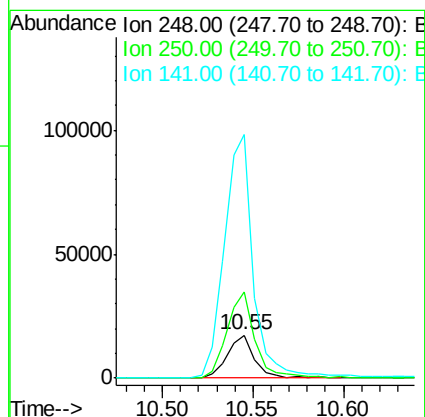
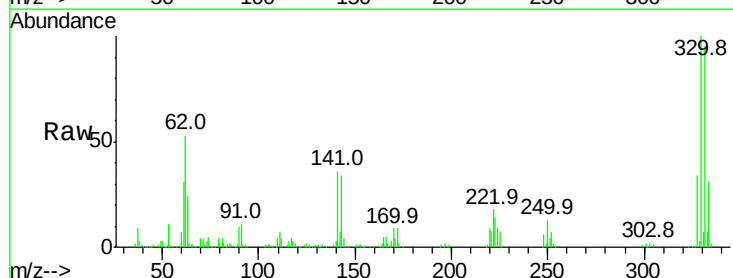
Instrument :
BNA_F
ClientSampleId :

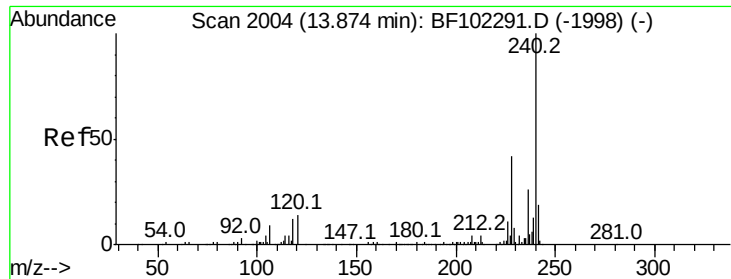
Tot Ion:188 Resp: 419388
Ion Ratio Lower Upper
188 100
94 11.5 8.5 12.7
80 12.1 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 3.976 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF102614.D
Acq: 29 Jan 2018 23:05

Tgt Ion:248 Resp: 17951
Ion Ratio Lower Upper
248 100
250 200.6 76.9 115.3#
141 563.4 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: BF102614.D

Acq: 29 Jan 2018 23:05

Instrument :

BNA_F

ClientSampleId :

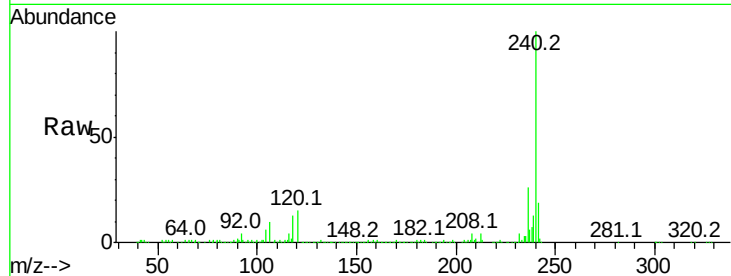
Tot Ion:240 Resp: 311956

Ion Ratio Lower Upper

240 100

120 14.6 9.5 14.3#

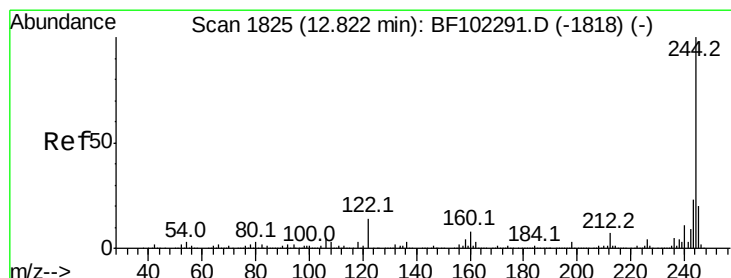
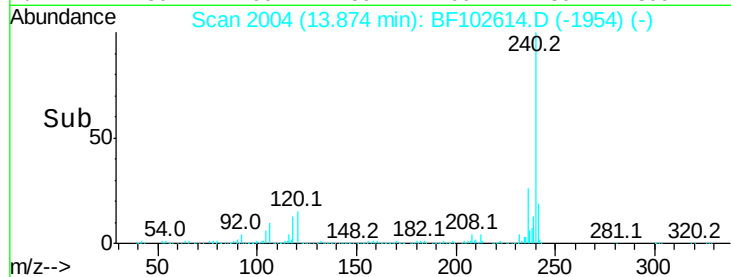
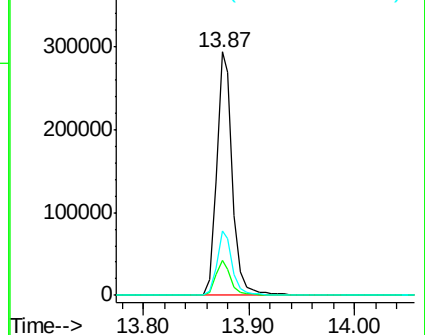
236 26.2 20.7 31.1



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: 83.366 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BF102614.D

Acq: 29 Jan 2018 23:05

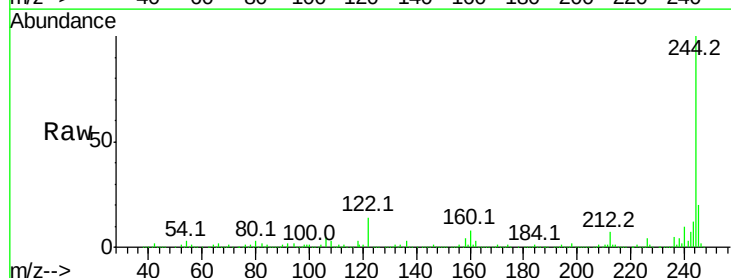
Tgt Ion:244 Resp: 1153614

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

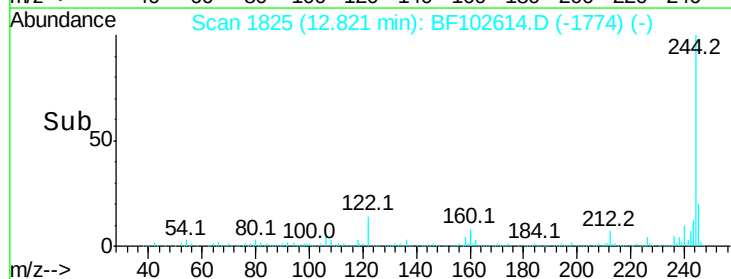
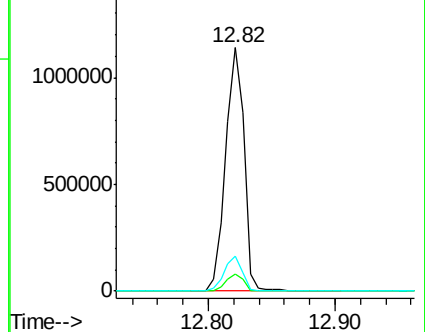
122 14.4 11.0 16.4

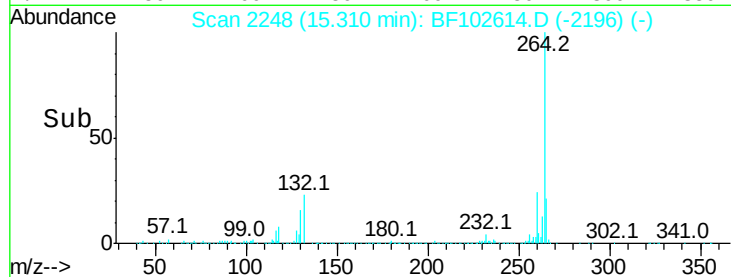
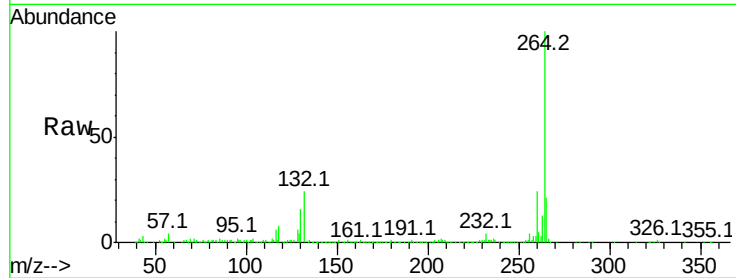
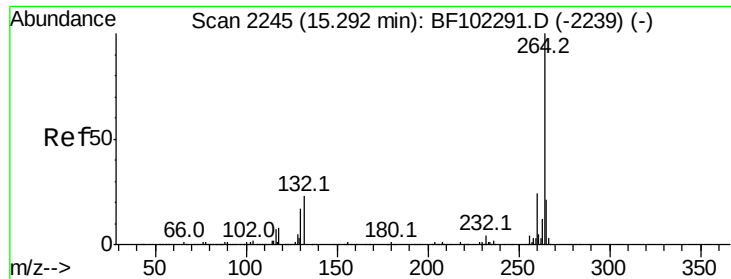


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF102614.D
Acq: 29 Jan 2018 23:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	20.9	17.5	26.3

