

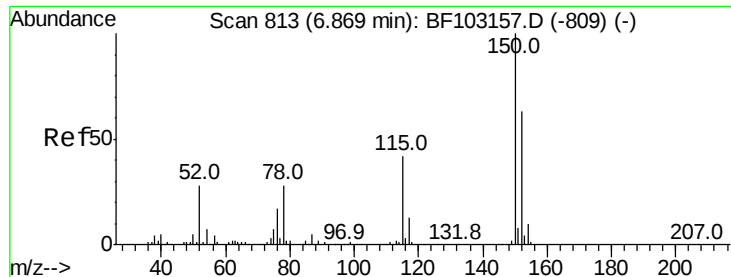
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030618\
 Data File : BF103478.D
 Acq On : 7 Mar 2018 1:27
 Operator : SJ/JU
 Sample : J1809-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 07 02:07:54 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 06 11:52:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	120310	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	473247	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	191463	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	290736	20.00	ng	0.00
75) Chrysene-d12	14.06	240	203728	20.00	ng	0.00
86) Perylene-d12	15.57	264	156139	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	825971	103.83	ng	0.00
7) Phenol-d6	6.51	99	1052481	108.13	ng	0.00
23) Nitrobenzene-d5	7.44	82	671506	81.03	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	131672	81.25	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	871812	76.60	ng	0.00
78) Terphenyl-d14	12.99	244	620437	73.21	ng	0.00
Target Compounds						
9) Benzaldehyde	6.51	77	1878	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.44	70	87764	14.487 ng	#	1
25) Isophorone	7.44	82	671503	41.144 ng	#	82
49) Dimethylphthalate	9.62	163	86805	5.652 ng	#	64
56) 2,4-Dinitrotoluene	9.91	165	24376	5.980 ng	#	100
66) 4-Bromophenyl-phenylether	10.71	248	9052	2.989 ng	#	23
					#	1

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

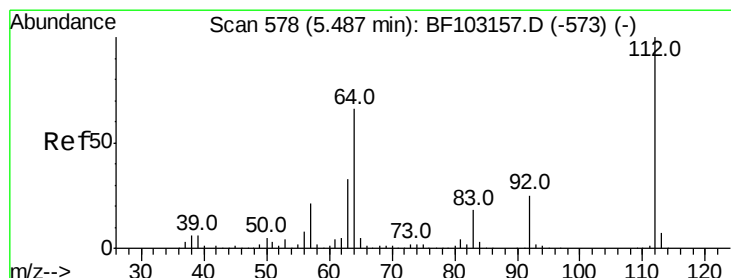
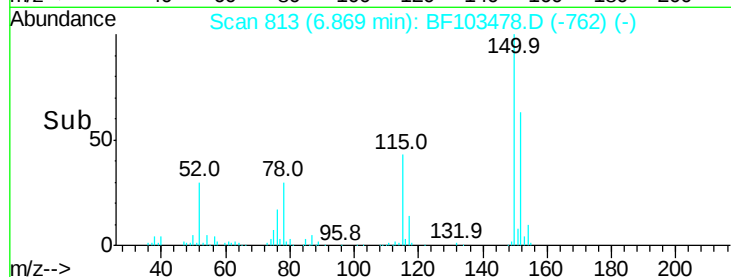
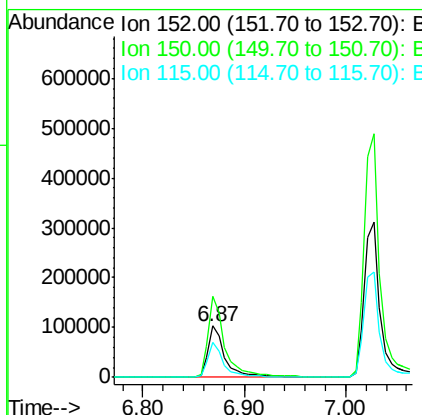
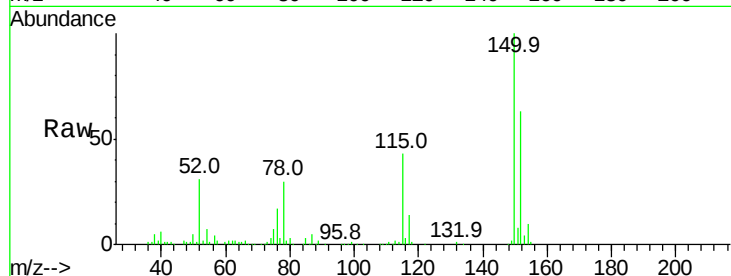


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF103478.D
Acq: 7 Mar 2018 1:27

Instrument :
BNA_F
ClientSampleId :

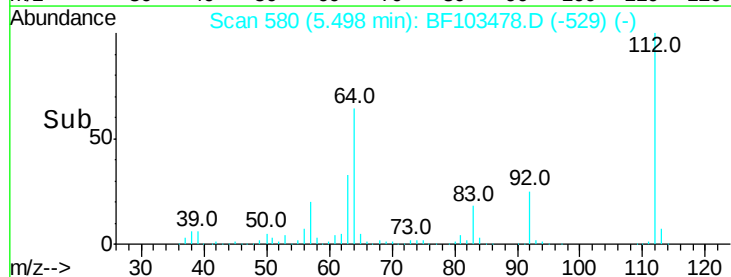
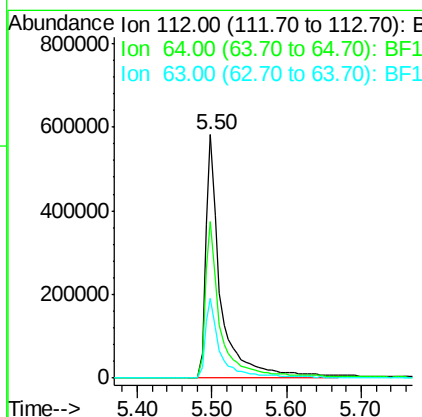
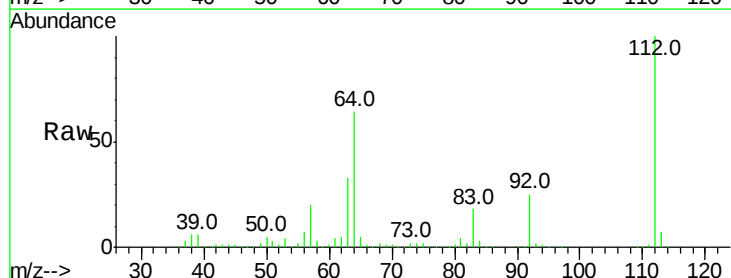
Tot Ion:152 Resp: 120310
Ion Ratio Lower Upper
152 100
150 157.6 124.6 186.8
115 67.4 50.1 75.1

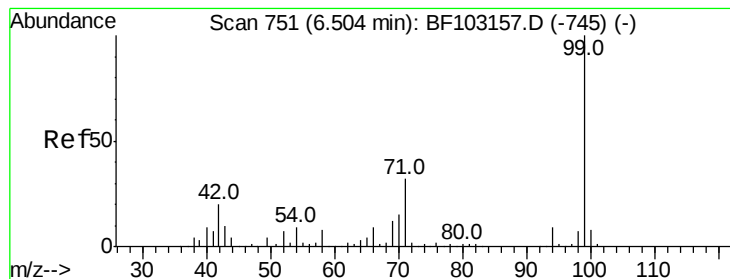


#5

2-Fluorophenol
Concen: 103.834 ng
RT: 5.50 min Scan# 580
Delta R.T. -0.00 min
Lab File: BF103478.D
Acq: 7 Mar 2018 1:27

Tgt Ion:112 Resp: 825971
Ion Ratio Lower Upper
112 100
64 64.3 47.9 71.9
63 33.0 23.7 35.5





#7

Phenol-d6

Concen: 108.126 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF103478.D

Acq: 7 Mar 2018 1:27

Instrument :

BNA_F

ClientSampled :

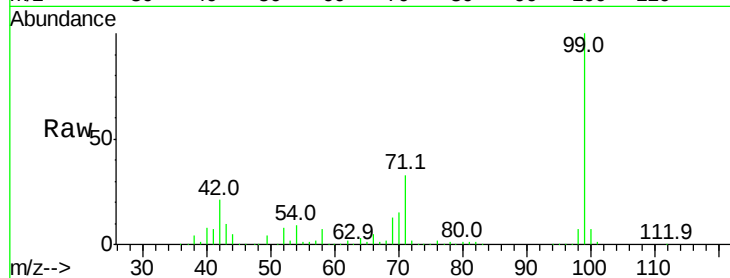
Tot Ion: 99 Resp: 1052481

Ion Ratio Lower Upper

99 100

42 20.9 14.5 21.7

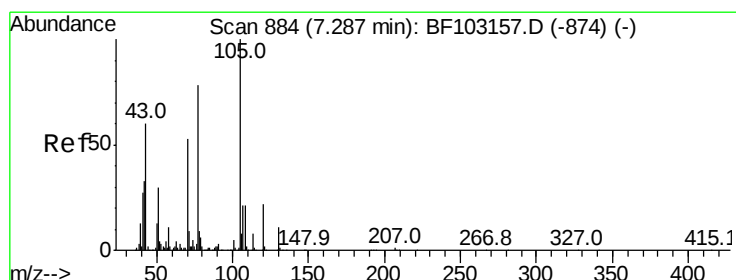
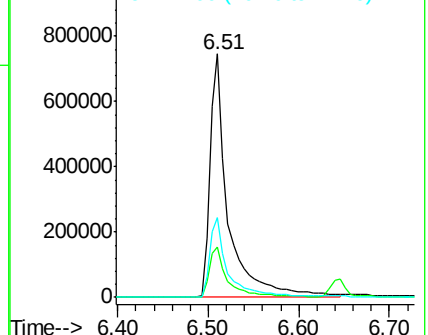
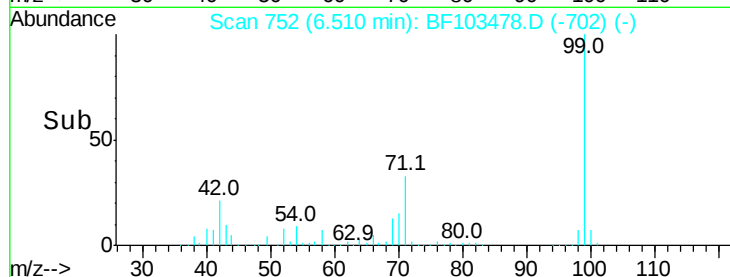
71 32.9 25.4 38.0



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: 14.487 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.15 min

Lab File: BF103478.D

Acq: 7 Mar 2018 1:27

Tgt Ion: 70 Resp: 87764

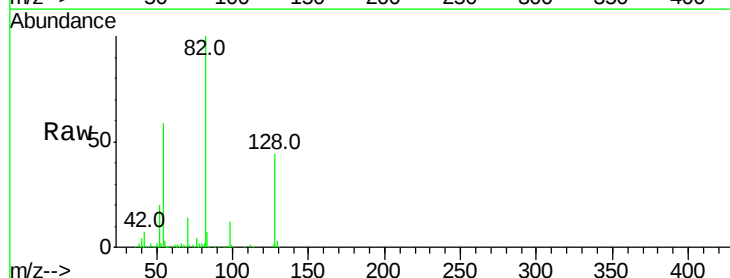
Ion Ratio Lower Upper

70 100

42 52.2 47.5 71.3

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

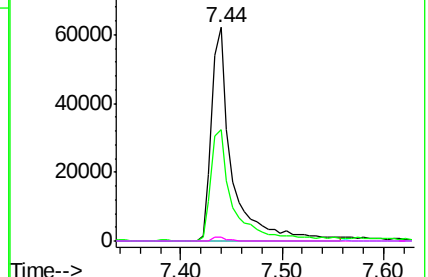
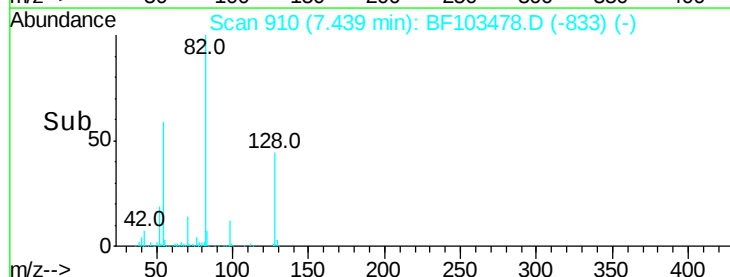


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

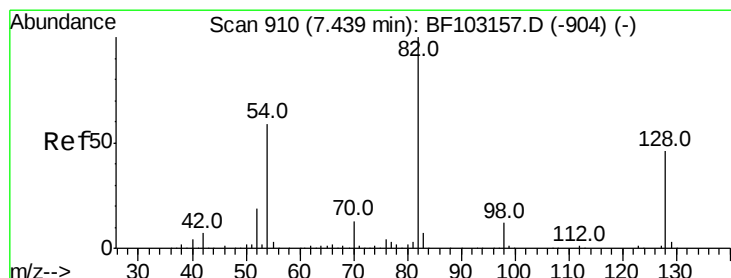
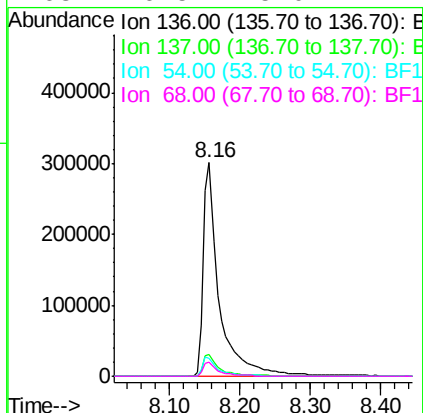
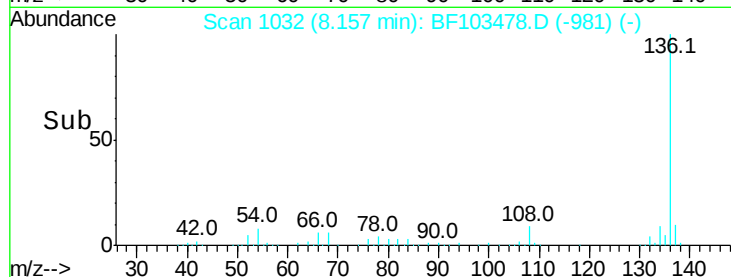
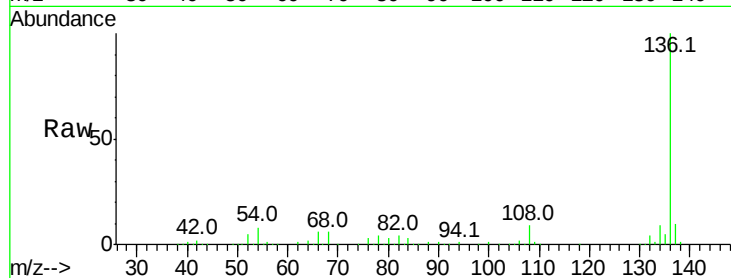




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF103478.D
Acq: 7 Mar 2018 1:27

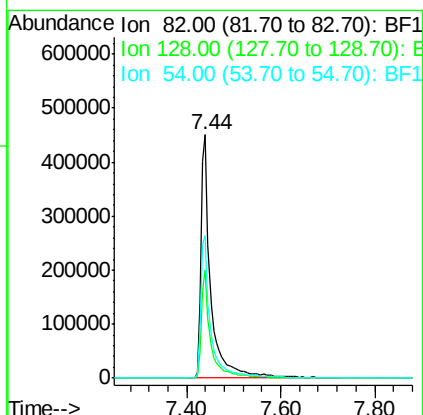
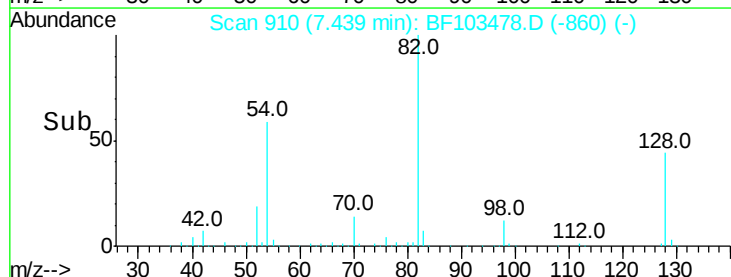
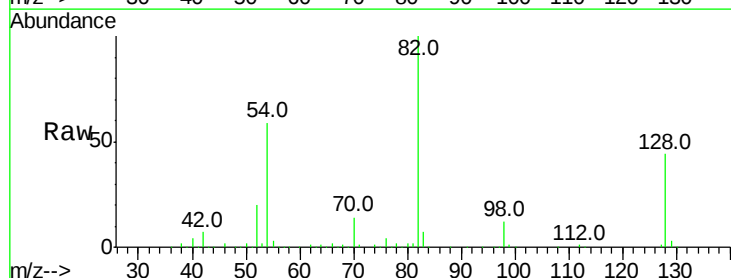
Instrument :
BNA_F
ClientSampleId :

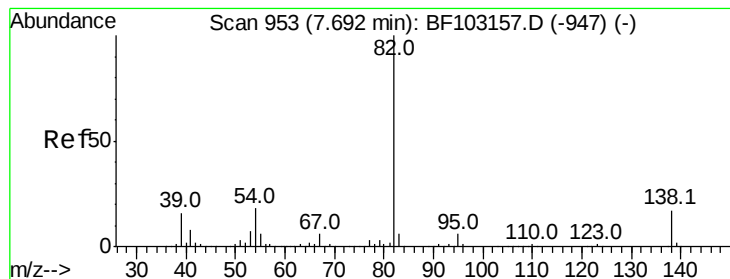
Tot Ion:	136	Resp:	473247
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	8.4	6.6	9.8
68	6.5	5.0	7.4



#23
Nitrobenzene-d5
Concen: 81.033 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF103478.D
Acq: 7 Mar 2018 1:27

Tgt Ion:	82	Resp:	671506
Ion	Ratio	Lower	Upper
82	100		
128	44.4	36.1	54.1
54	58.7	41.4	62.2





#25

Isophorone

Concen: 41.144 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.25 min

Lab File: BF103478.D

Acq: 7 Mar 2018 1:27

Instrument :

BNA_F

ClientSampleId :

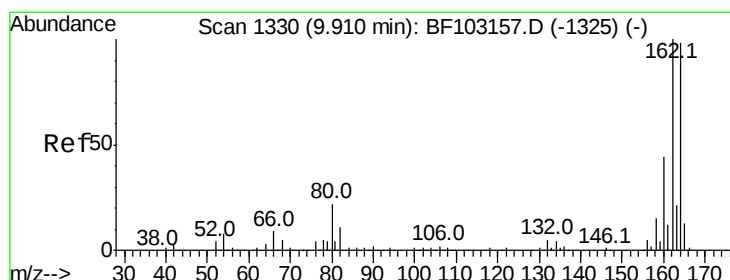
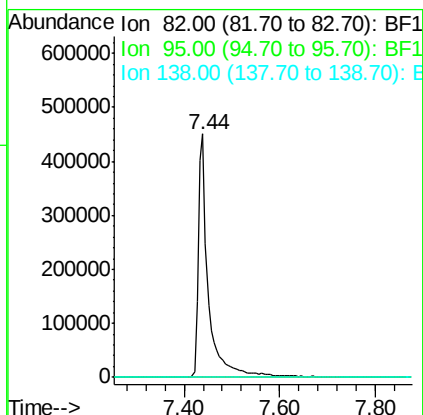
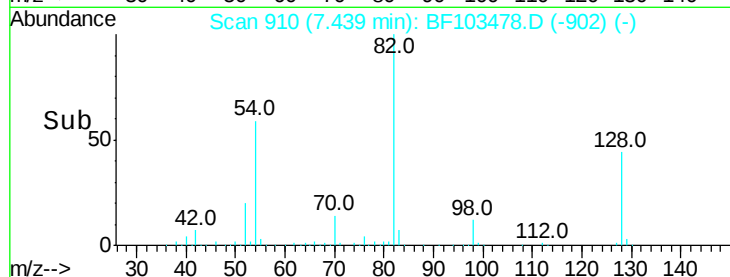
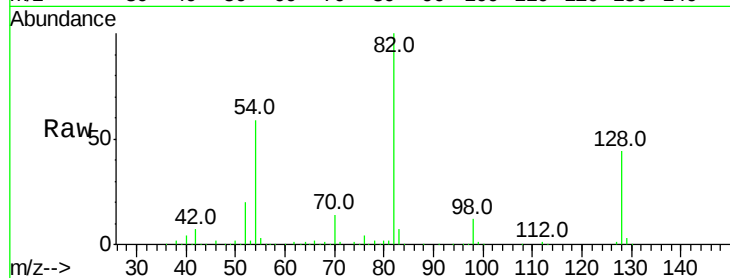
Tot Ion: 82 Resp: 671503

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: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF103478.D

Acq: 7 Mar 2018 1:27

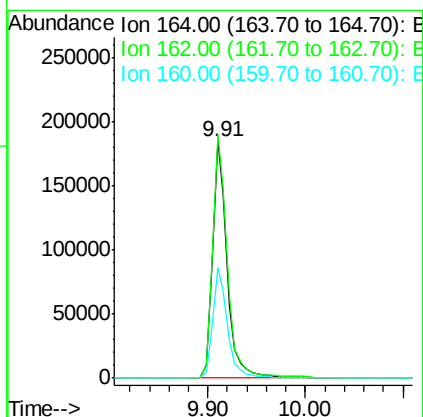
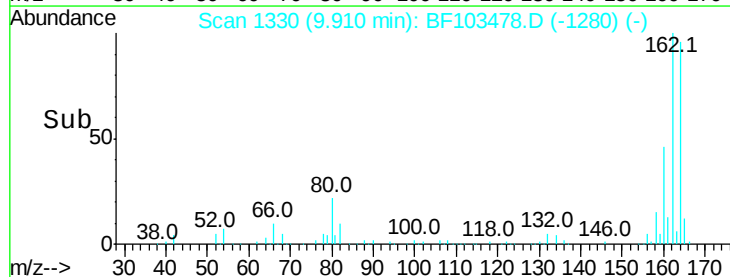
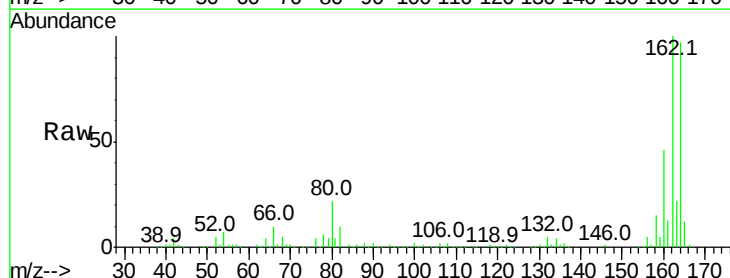
Tgt Ion:164 Resp: 191463

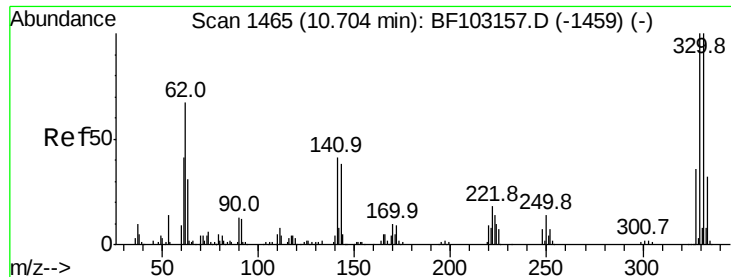
Ion Ratio Lower Upper

164 100

162 102.7 86.1 129.1

160 46.8 38.3 57.5

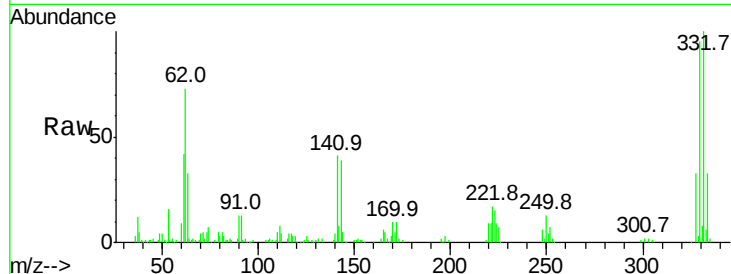




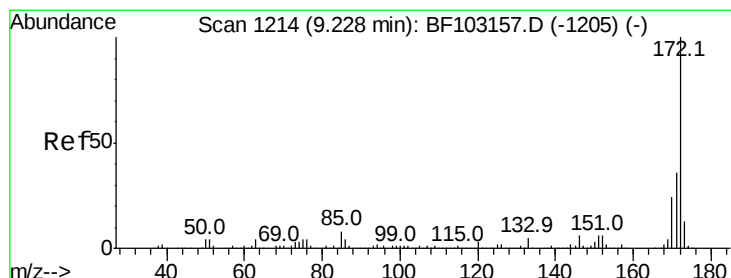
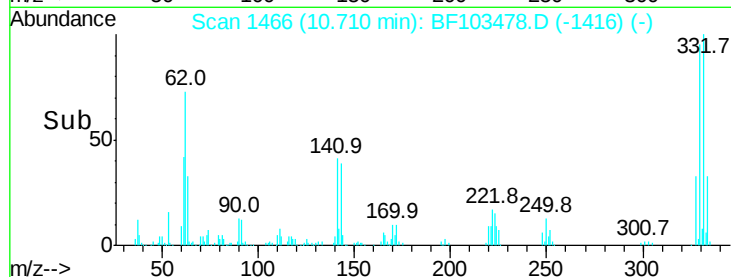
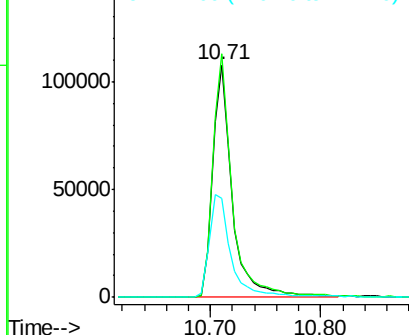
#41
 2,4,6-Tribromophenol
 Concen: 81.247 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF103478.D
 Acq: 7 Mar 2018 1:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 131672
 Ion Ratio Lower Upper
 330 100
 332 104.6 77.0 115.6
 141 48.2 29.9 44.9#

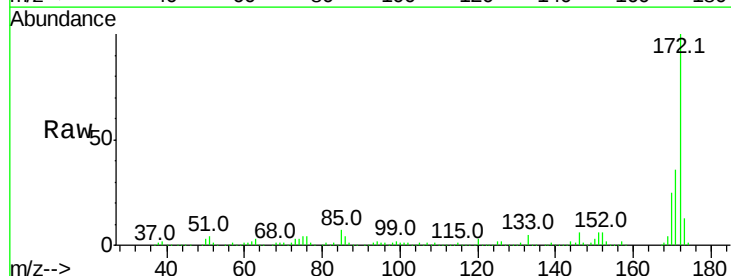


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

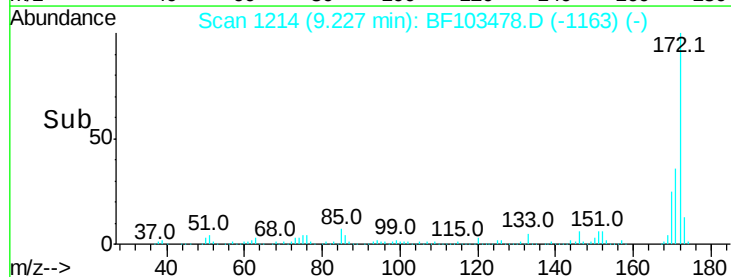
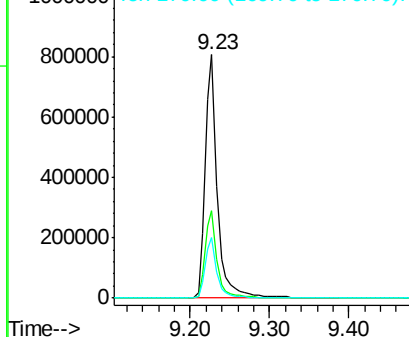


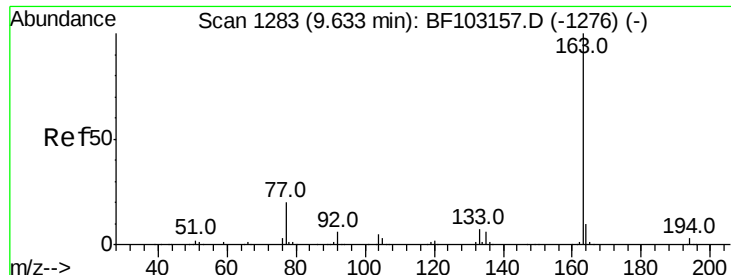
#44
 2-Fluorobiphenyl
 Concen: 76.602 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.00 min
 Lab File: BF103478.D
 Acq: 7 Mar 2018 1:27

Tgt Ion:172 Resp: 871812
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.7 44.5
 170 24.8 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

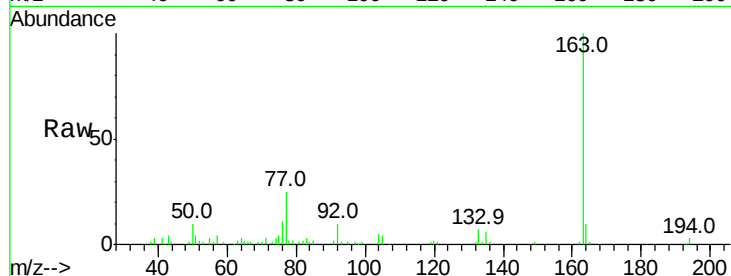




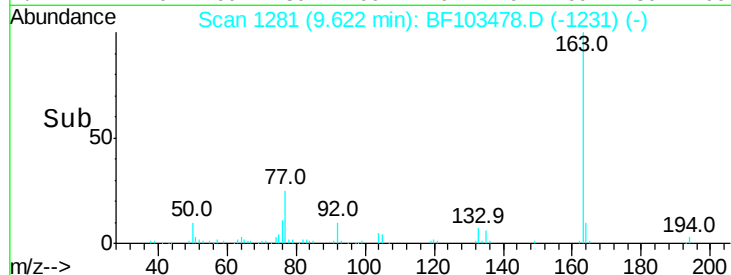
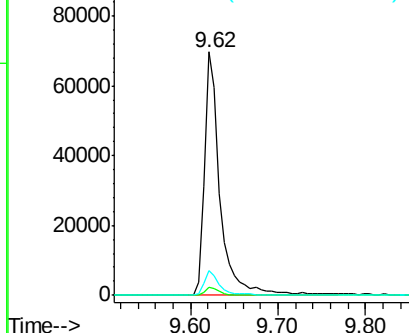
#49
Dimethylphthalate
Concen: 5.652 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF103478.D
Acq: 7 Mar 2018 1:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 86805
Ion Ratio Lower Upper
163 100
194 3.1 2.7 4.1
164 10.1 8.2 12.2

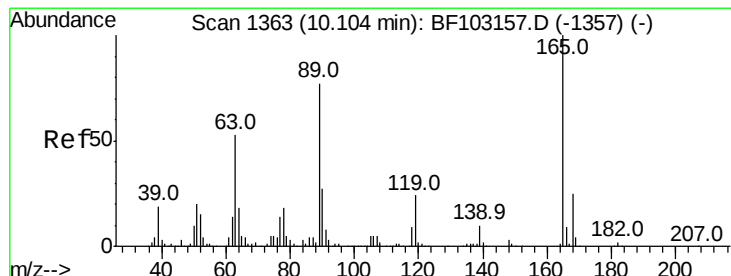


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

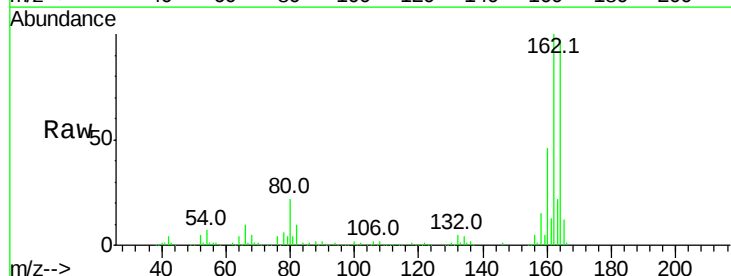
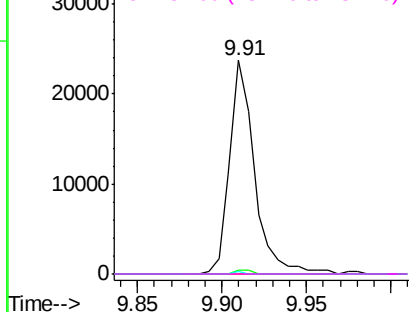


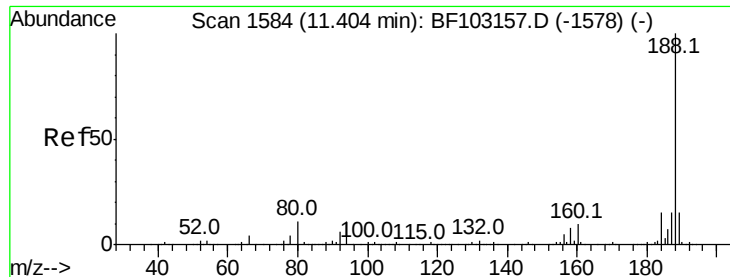
#56
2,4-Dinitrotoluene
Concen: 5.980 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.21 min
Lab File: BF103478.D
Acq: 7 Mar 2018 1:27

Tgt Ion:165 Resp: 24376
Ion Ratio Lower Upper
165 100
63 1.6 36.4 54.6#
89 1.5 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

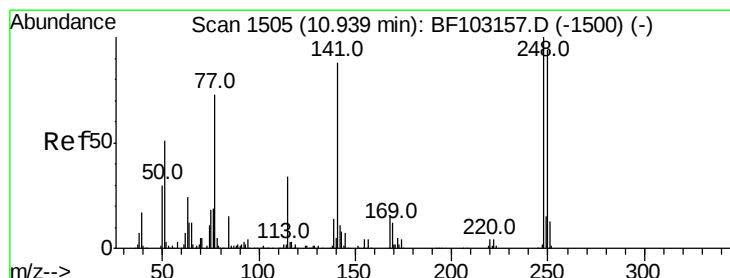
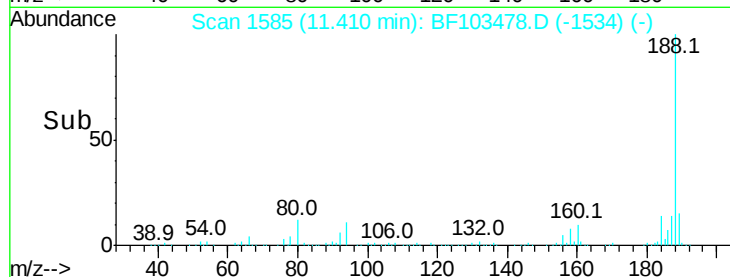
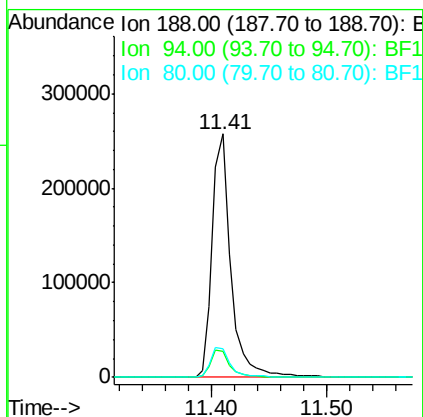
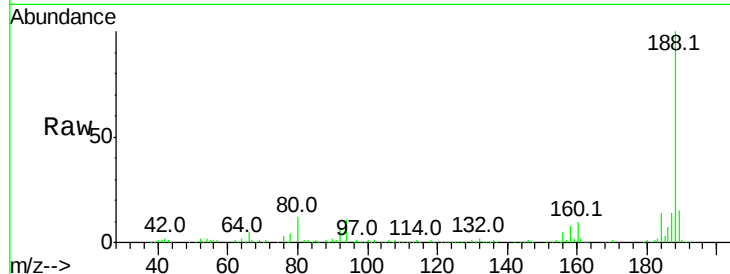




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BF103478.D
Acq: 7 Mar 2018 1:27

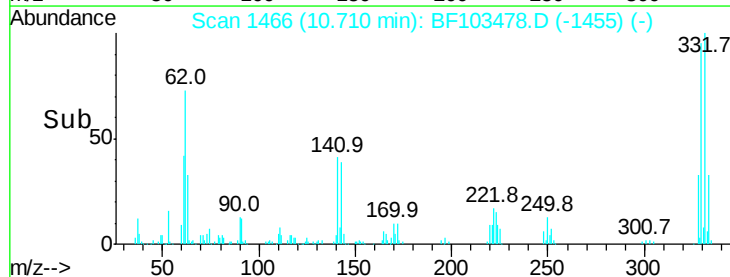
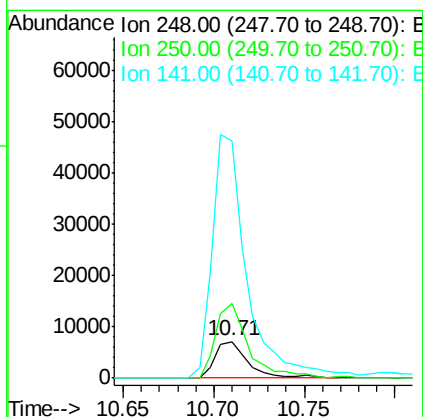
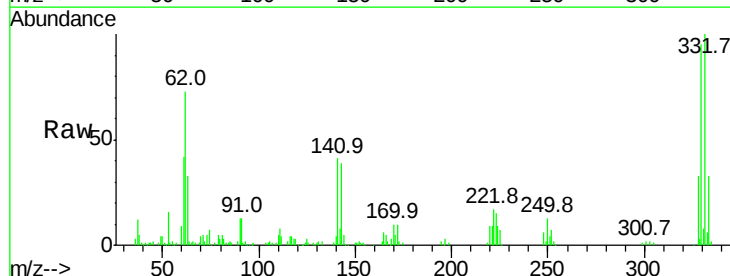
Instrument :
BNA_F
ClientSampleId :

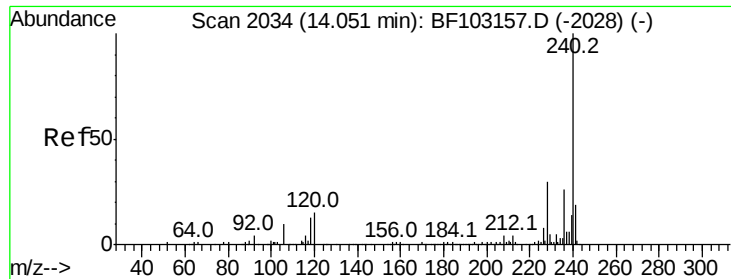
Tot Ion:188 Resp: 290736
Ion Ratio Lower Upper
188 100
94 11.0 8.5 12.7
80 11.8 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 2.989 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.24 min
Lab File: BF103478.D
Acq: 7 Mar 2018 1:27

Tgt Ion:248 Resp: 9052
Ion Ratio Lower Upper
248 100
250 205.7 76.9 115.3#
141 649.1 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF103478.D

Acq: 7 Mar 2018 1:27

Instrument :

BNA_F

ClientSampled :

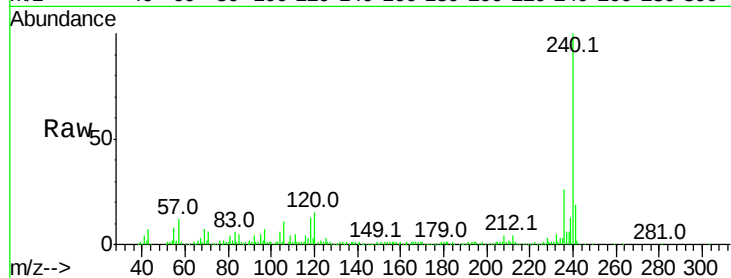
Tot Ion:240 Resp: 203728

Ion Ratio Lower Upper

240 100

120 15.0 9.5 14.3#

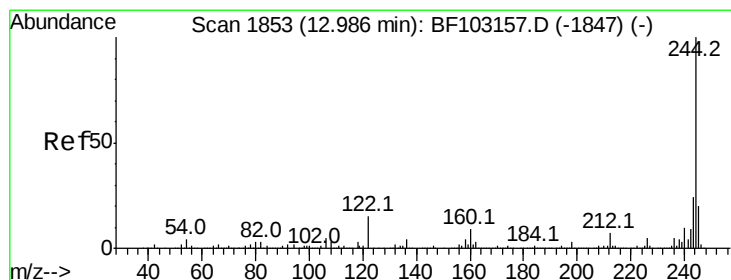
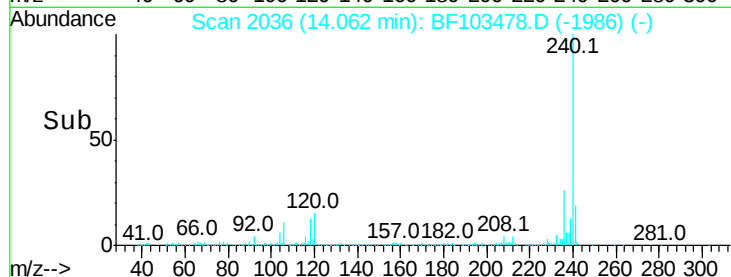
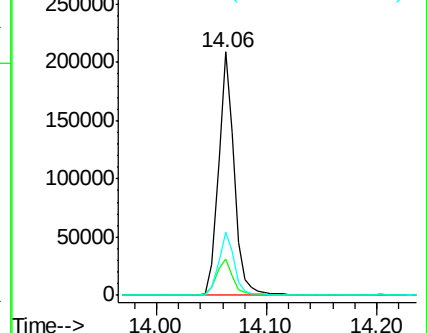
236 26.1 20.7 31.1



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: 73.208 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF103478.D

Acq: 7 Mar 2018 1:27

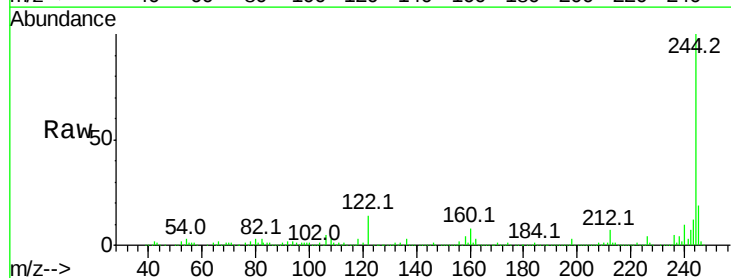
Tgt Ion:244 Resp: 620437

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

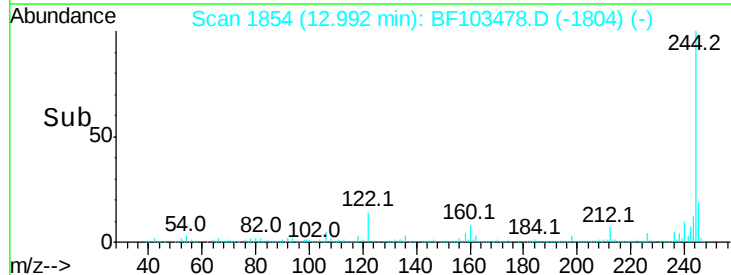
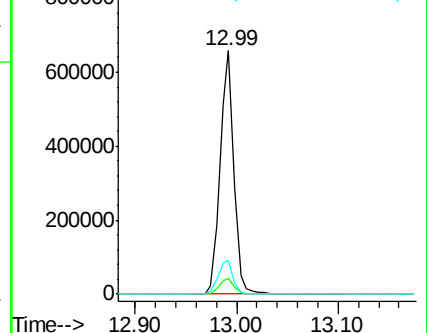
122 13.9 11.0 16.4

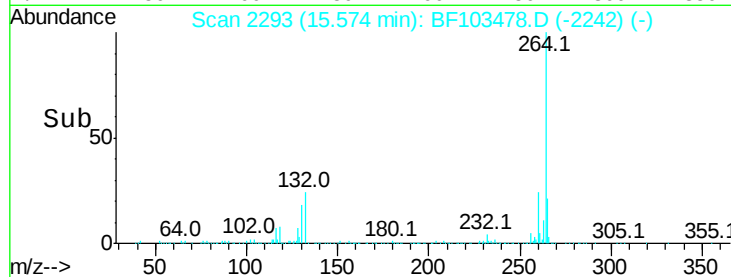
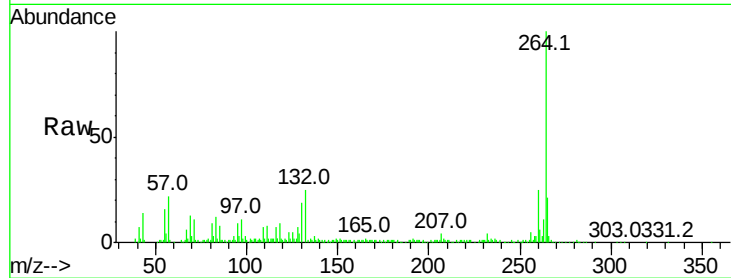
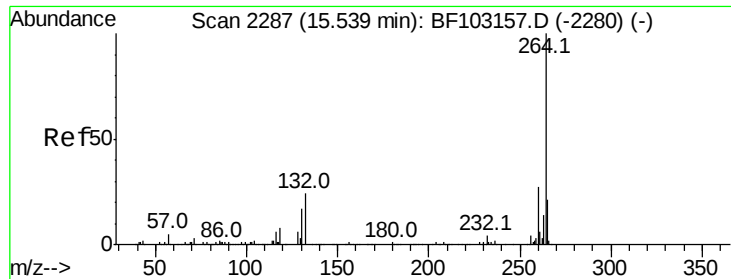


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.57 min Scan# 2293

Delta R.T. -0.00 min

Lab File: BF103478.D

Acq: 7 Mar 2018 1:27

Instrument :

BNA_F

ClientSampleId :

Tot Ion:264 Resp: 156139

Ion Ratio Lower Upper

264 100

260 24.6 19.2 28.8

265 21.5 17.5 26.3

