

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF063018\
 Data File : BF107019.D
 Acq On : 30 Jun 2018 17:16
 Operator : JU/SJ
 Sample : J3629-10 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 02 04:06:20 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

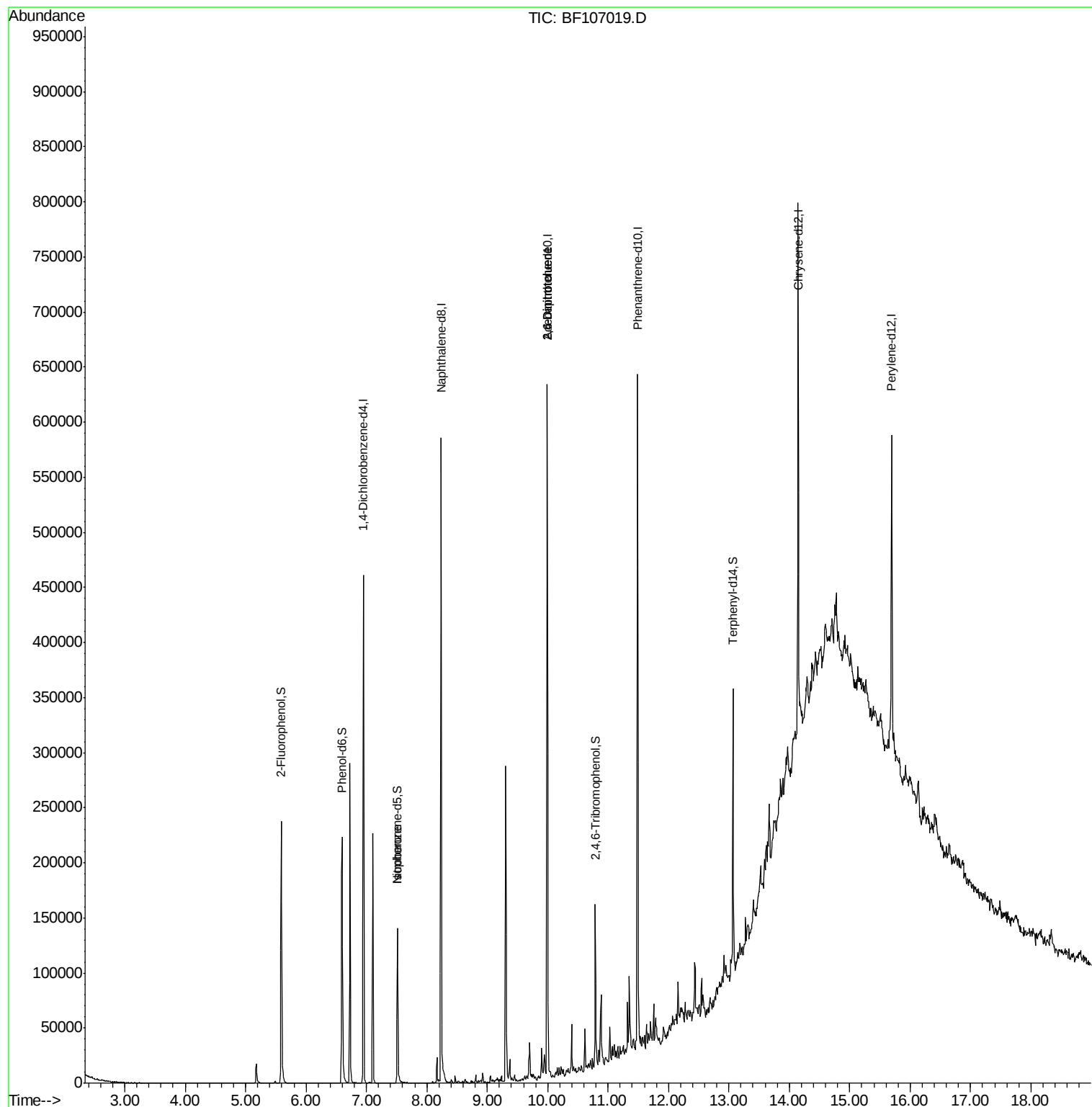
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	73125	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	281944	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	129350	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	220199	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	200003	20.00	ng	-0.02
86) Perylene-d12	15.69	264	153823	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	74481	17.25	ng	-0.01
7) Phenol-d6	6.60	99	93996	17.43	ng	-0.02
23) Nitrobenzene-d5	7.51	82	50728	10.00	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	21904	14.61	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	101259	-1.82	ng	-0.02
78) Terphenyl-d14	13.07	244	92780	11.24	ng	-0.01
Target Compounds						
25) Isophorone	7.51	82	50727	5.674	ng	# 64
50) 2,6-Dinitrotoluene	10.00	165	16677	8.118	ng	# 25
56) 2,4-Dinitrotoluene	10.00	165	16677	6.219	ng	# 23

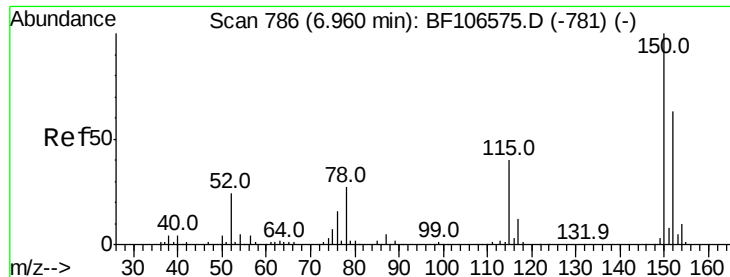
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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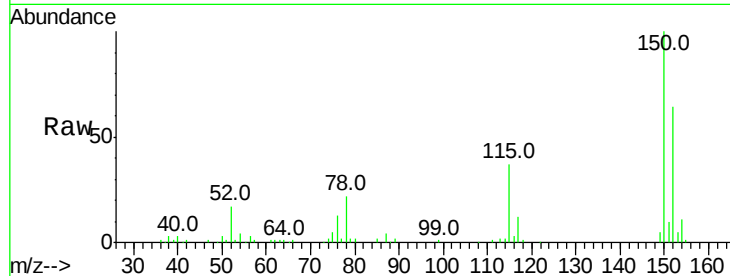


#1

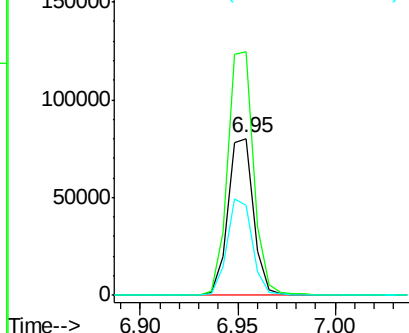
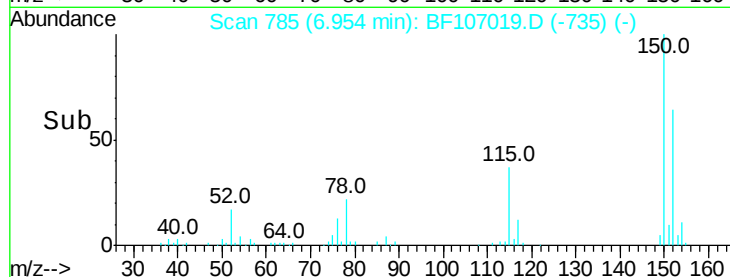
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107019.D
Acq: 30 Jun 2018 17:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 73125
Ion Ratio Lower Upper
152 100
150 155.1 124.6 186.8
115 57.6 50.1 75.1



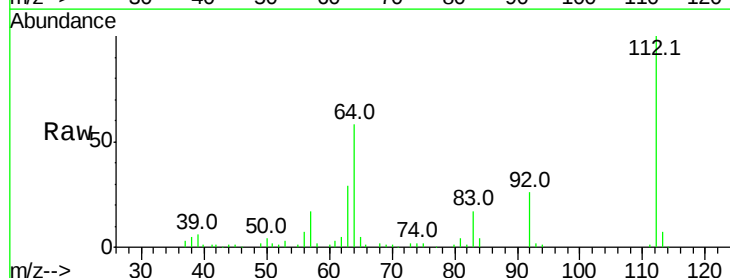
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



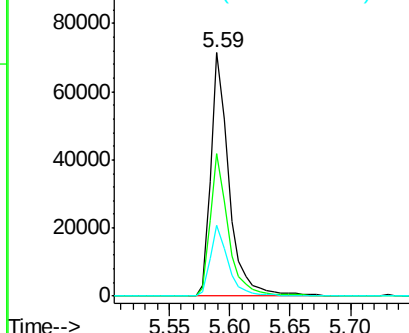
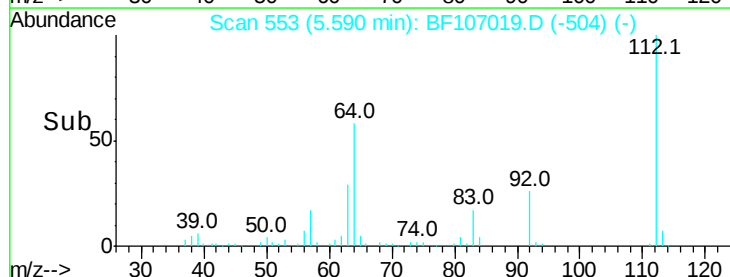
#5

2-Fluorophenol
Concen: 17.247 ng
RT: 5.59 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF107019.D
Acq: 30 Jun 2018 17:16

Tgt Ion:112 Resp: 74481
Ion Ratio Lower Upper
112 100
64 58.4 47.9 71.9
63 29.2 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: 17.430 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107019.D

Acq: 30 Jun 2018 17:16

Instrument :

BNA_F

ClientSampled :

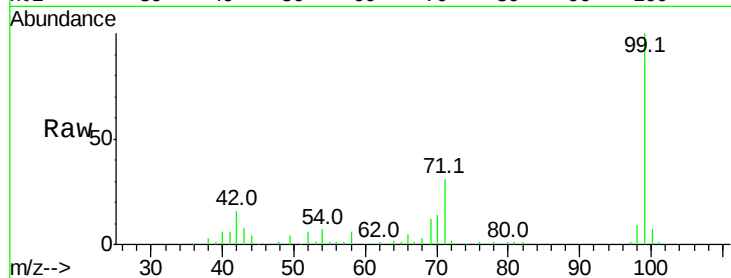
Tot Ion: 99 Resp: 93996

Ion Ratio Lower Upper

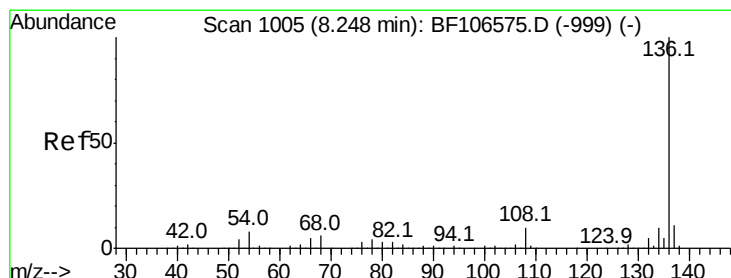
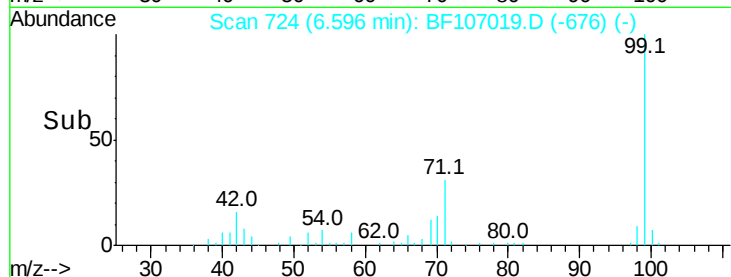
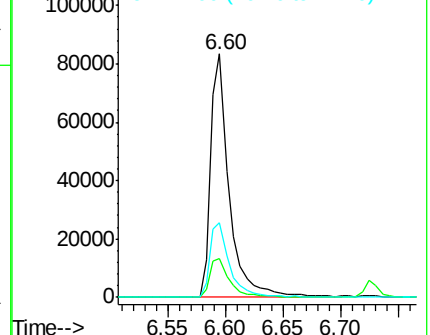
99 100

42 16.1 14.5 21.7

71 30.8 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF107019.D

Acq: 30 Jun 2018 17:16

Tgt Ion: 136 Resp: 281944

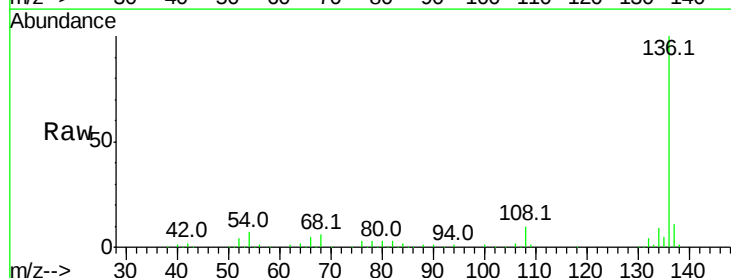
Ion Ratio Lower Upper

136 100

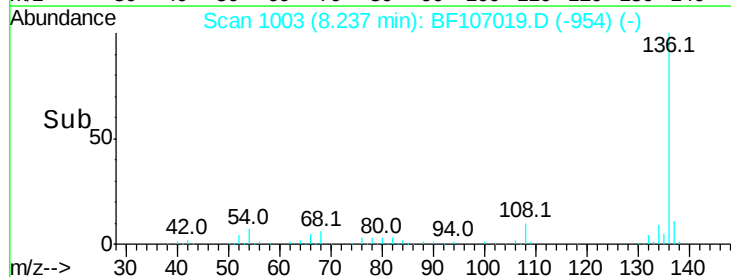
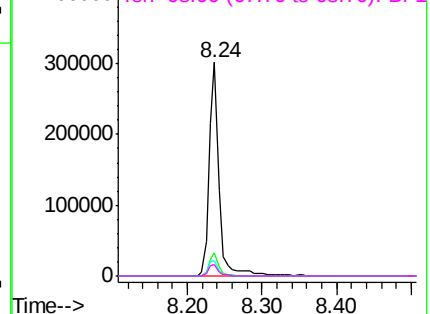
137 10.7 8.9 13.3

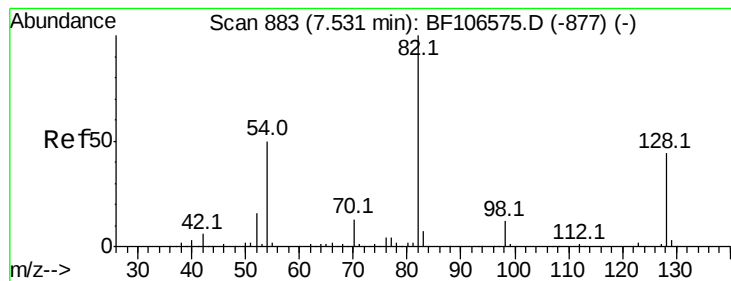
54 7.2 6.6 9.8

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: 9.999 ng

RT: 7.51 min Scan# 880

Delta R.T. -0.02 min

Lab File: BF107019.D

Acq: 30 Jun 2018 17:16

Instrument :

BNA_F

ClientSampleId :

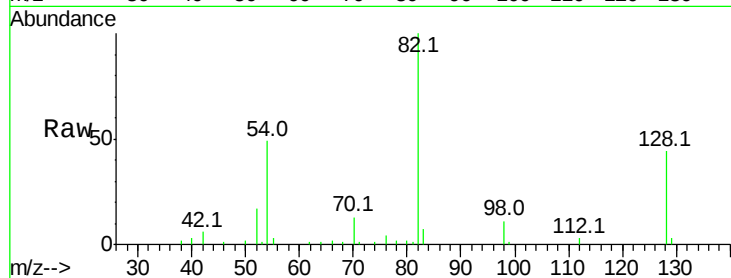
Tot Ion: 82 Resp: 50728

Ion Ratio Lower Upper

82 100

128 44.5 36.1 54.1

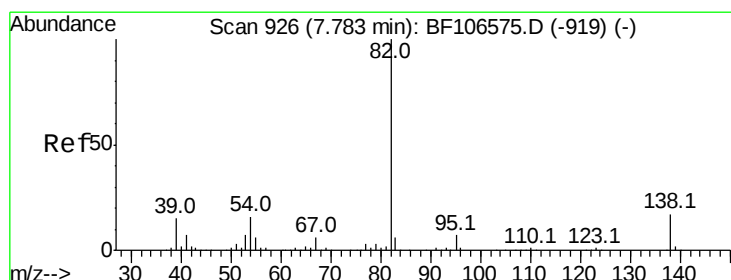
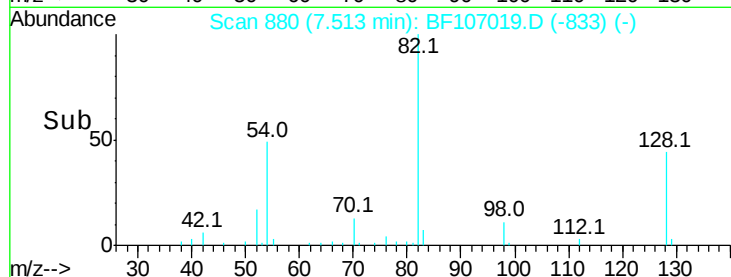
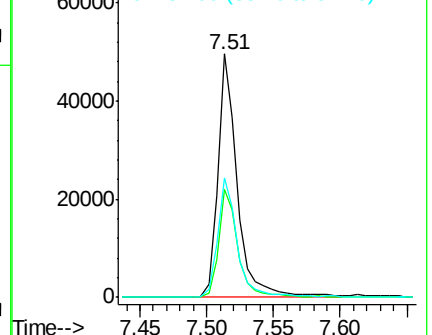
54 49.3 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#25

Isophorone

Concen: 5.674 ng

RT: 7.51 min Scan# 880

Delta R.T. -0.28 min

Lab File: BF107019.D

Acq: 30 Jun 2018 17:16

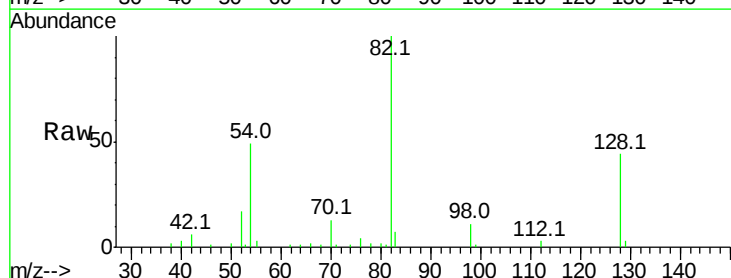
Tgt Ion: 82 Resp: 50727

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

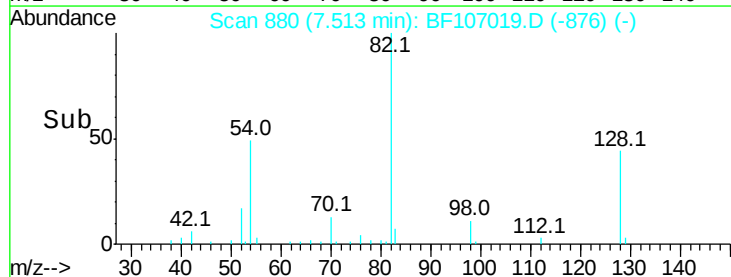
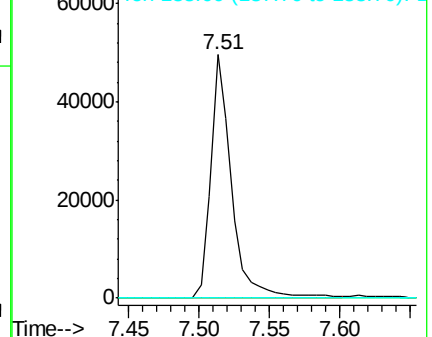
138 0.0 14.9 22.3#

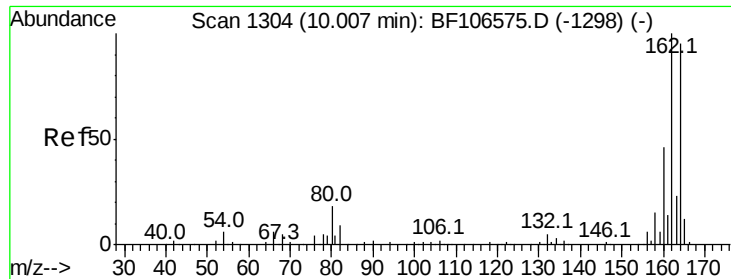


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

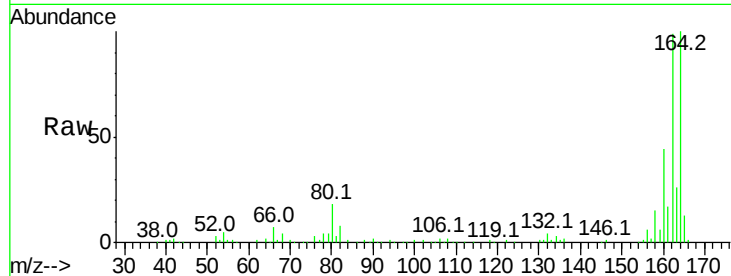




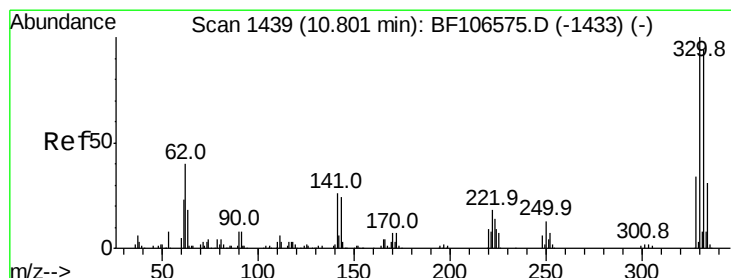
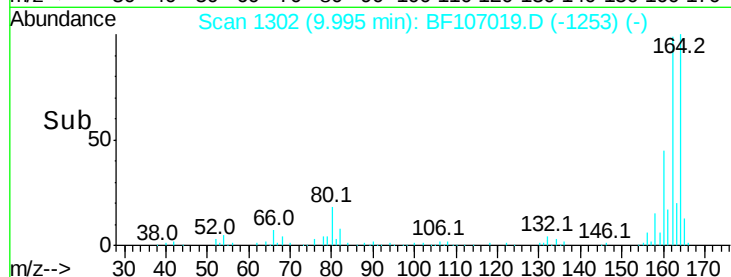
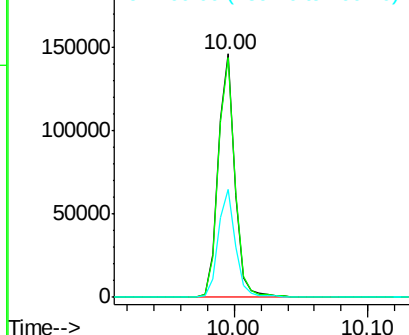
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF107019.D
 Acq: 30 Jun 2018 17:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 129350
 Ion Ratio Lower Upper
 164 100
 162 98.6 86.1 129.1
 160 44.4 38.3 57.5

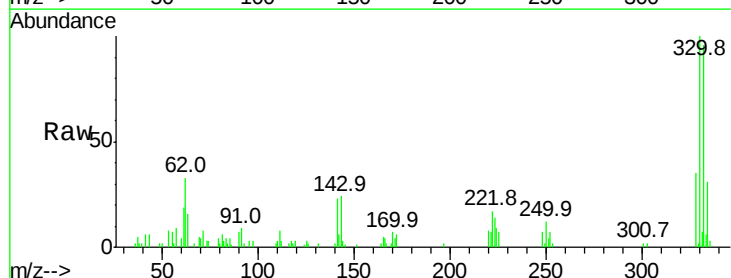


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

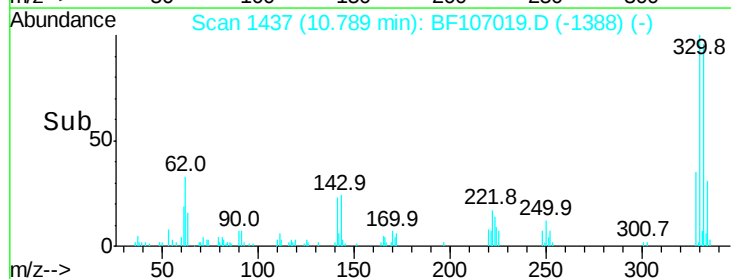
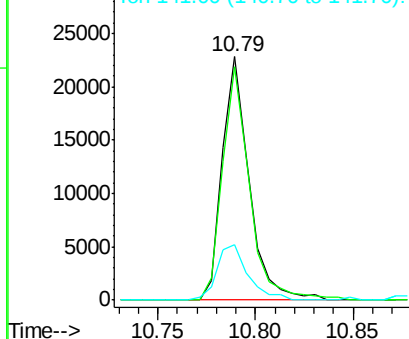


#41
 2,4,6-Tribromophenol
 Concen: 14.610 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF107019.D
 Acq: 30 Jun 2018 17:16

Tgt Ion:330 Resp: 21904
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.0 115.6
 141 26.3 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

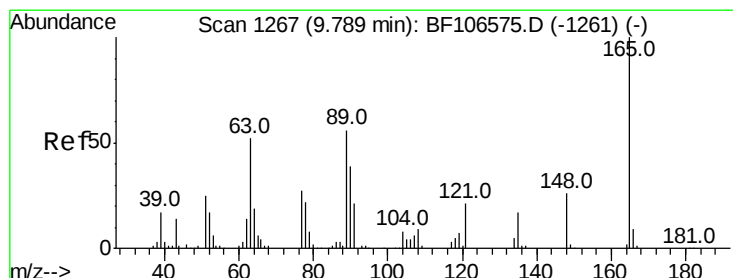
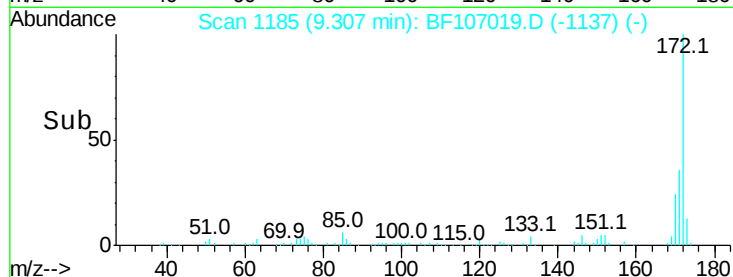
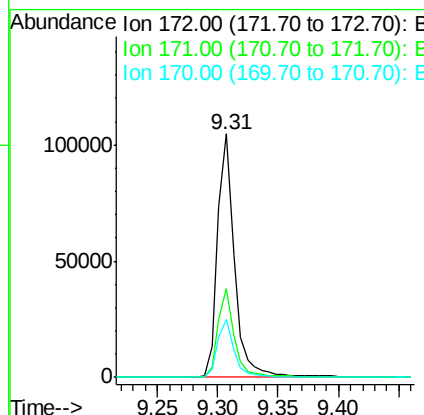
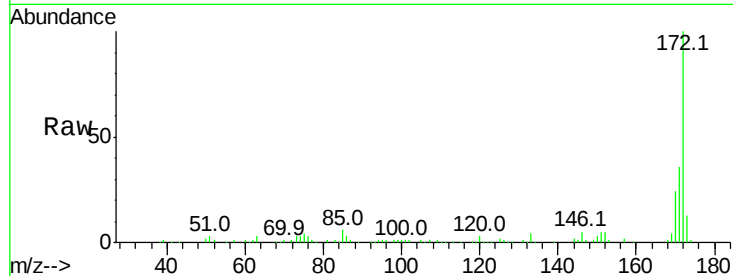




#44
 2-Fluorobiphenyl
 Concen: -1.816 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF107019.D
 Acq: 30 Jun 2018 17:16

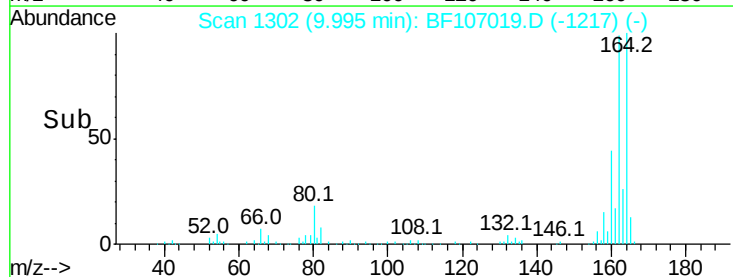
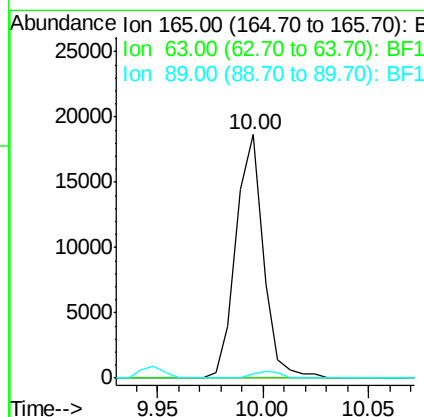
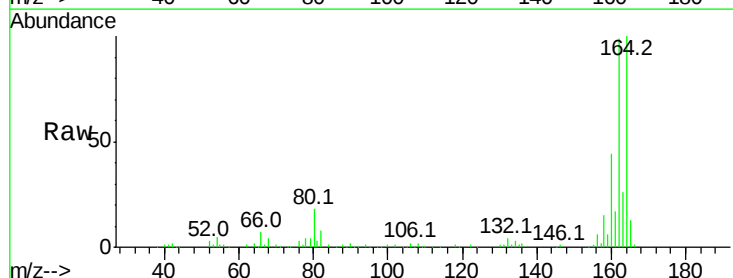
Instrument :
 BNA_F
 ClientSampleId :

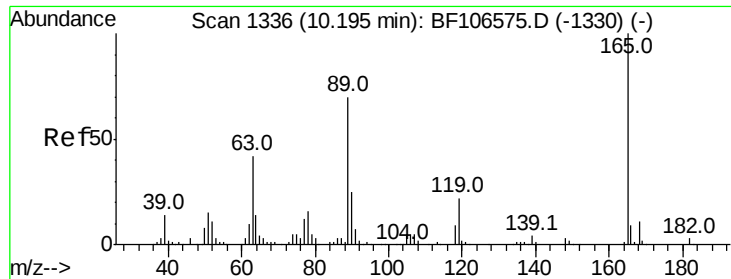
Tot Ion:172 Resp: 101259
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 24.0 19.6 29.4



#50
 2,6-Dinitrotoluene
 Concen: 8.118 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. 0.20 min
 Lab File: BF107019.D
 Acq: 30 Jun 2018 17:16

Tgt Ion:165 Resp: 16677
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 1.8 44.0 66.0#

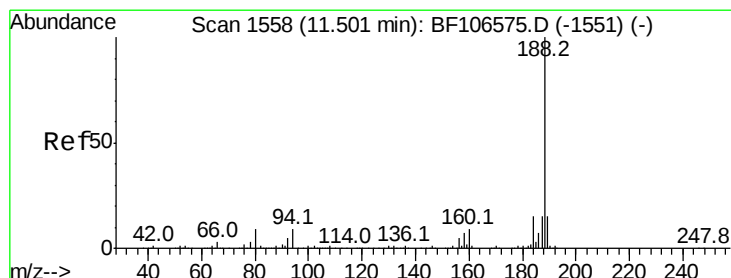
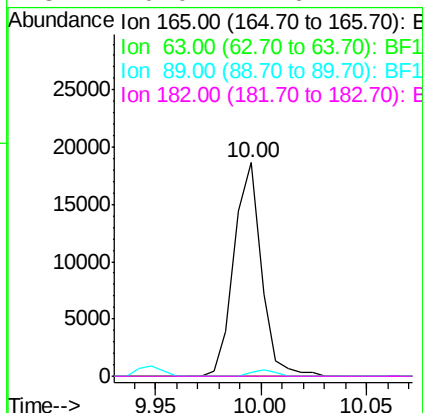
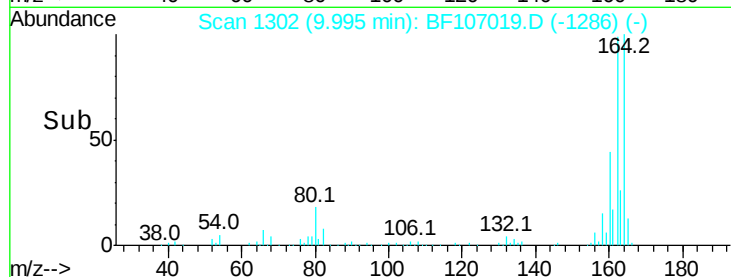
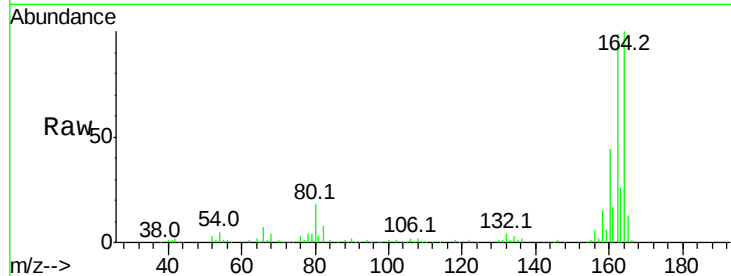




#56
 2,4-Dinitrotoluene
 Concen: 6.219 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. -0.21 min
 Lab File: BF107019.D
 Acq: 30 Jun 2018 17:16

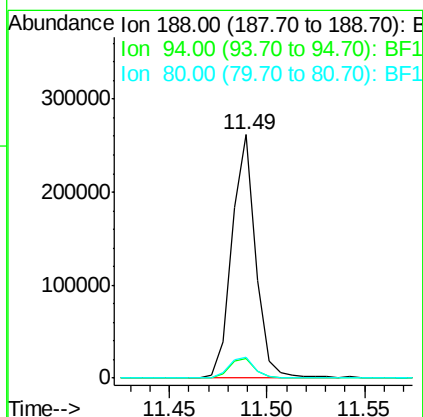
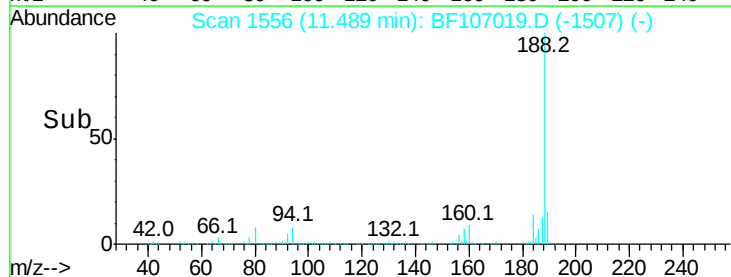
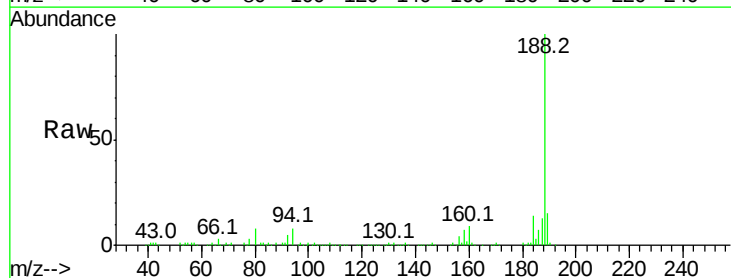
Instrument :
 BNA_F
 ClientSampleId :

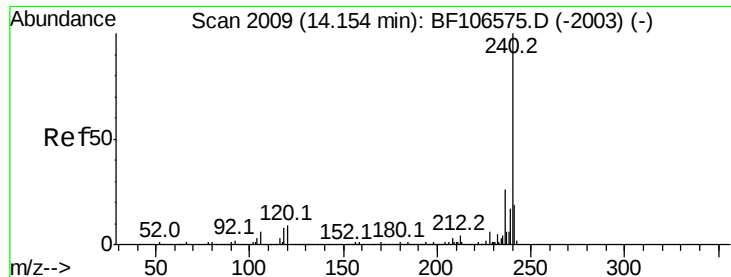
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.8	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF107019.D
 Acq: 30 Jun 2018 17:16

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.0	8.5	12.7#
80	8.5	9.2	13.8#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.02 min

Lab File: BF107019.D

Acq: 30 Jun 2018 17:16

Instrument :

BNA_F

ClientSampled :

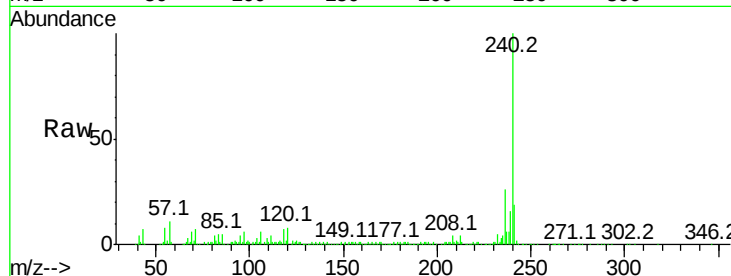
Tot Ion:240 Resp: 200003

Ion Ratio Lower Upper

240 100

120 8.3 9.5 14.3#

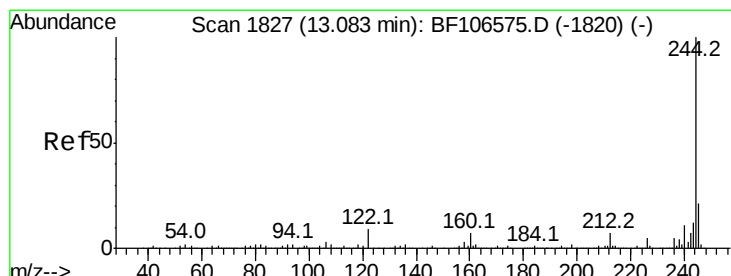
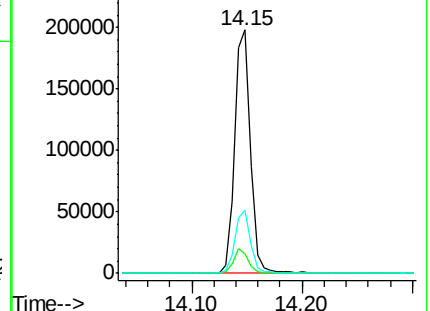
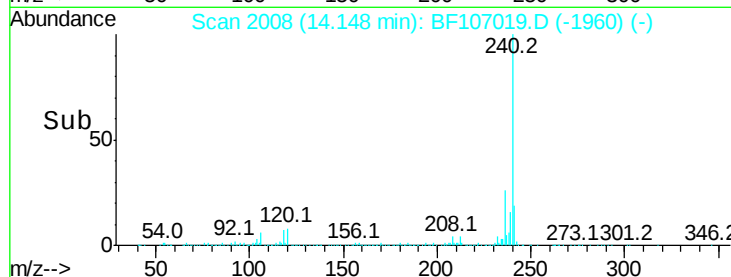
236 26.0 20.7 31.1



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: 11.237 ng

RT: 13.07 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF107019.D

Acq: 30 Jun 2018 17:16

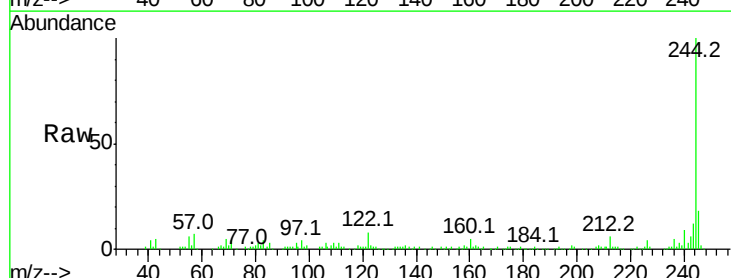
Tgt Ion:244 Resp: 92780

Ion Ratio Lower Upper

244 100

212 5.9 5.4 8.0

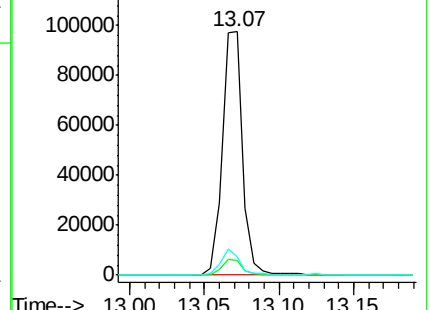
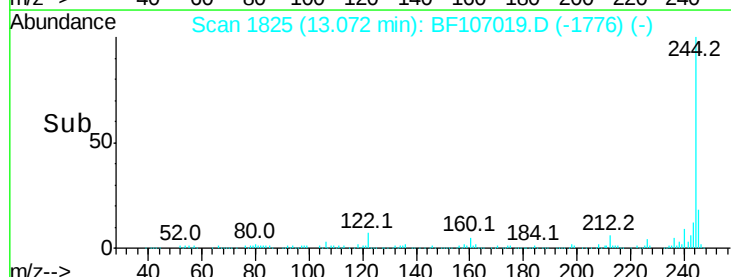
122 7.6 11.0 16.4#

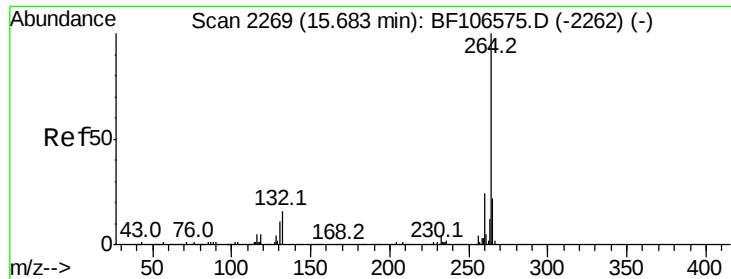


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

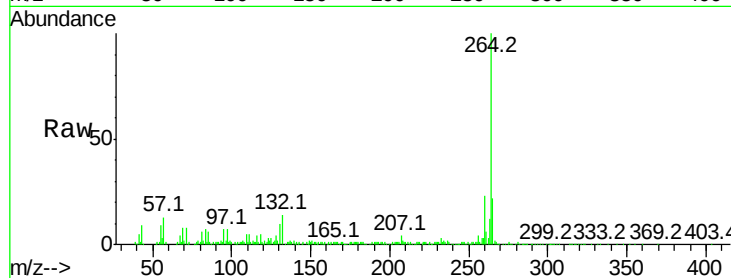




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2271
Delta R.T. -0.02 min
Lab File: BF107019.D
Acq: 30 Jun 2018 17:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.9	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

