

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF063018\
 Data File : BF107018.D
 Acq On : 30 Jun 2018 16:49
 Operator : JU/SJ
 Sample : J3629-08 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 02 04:05:59 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

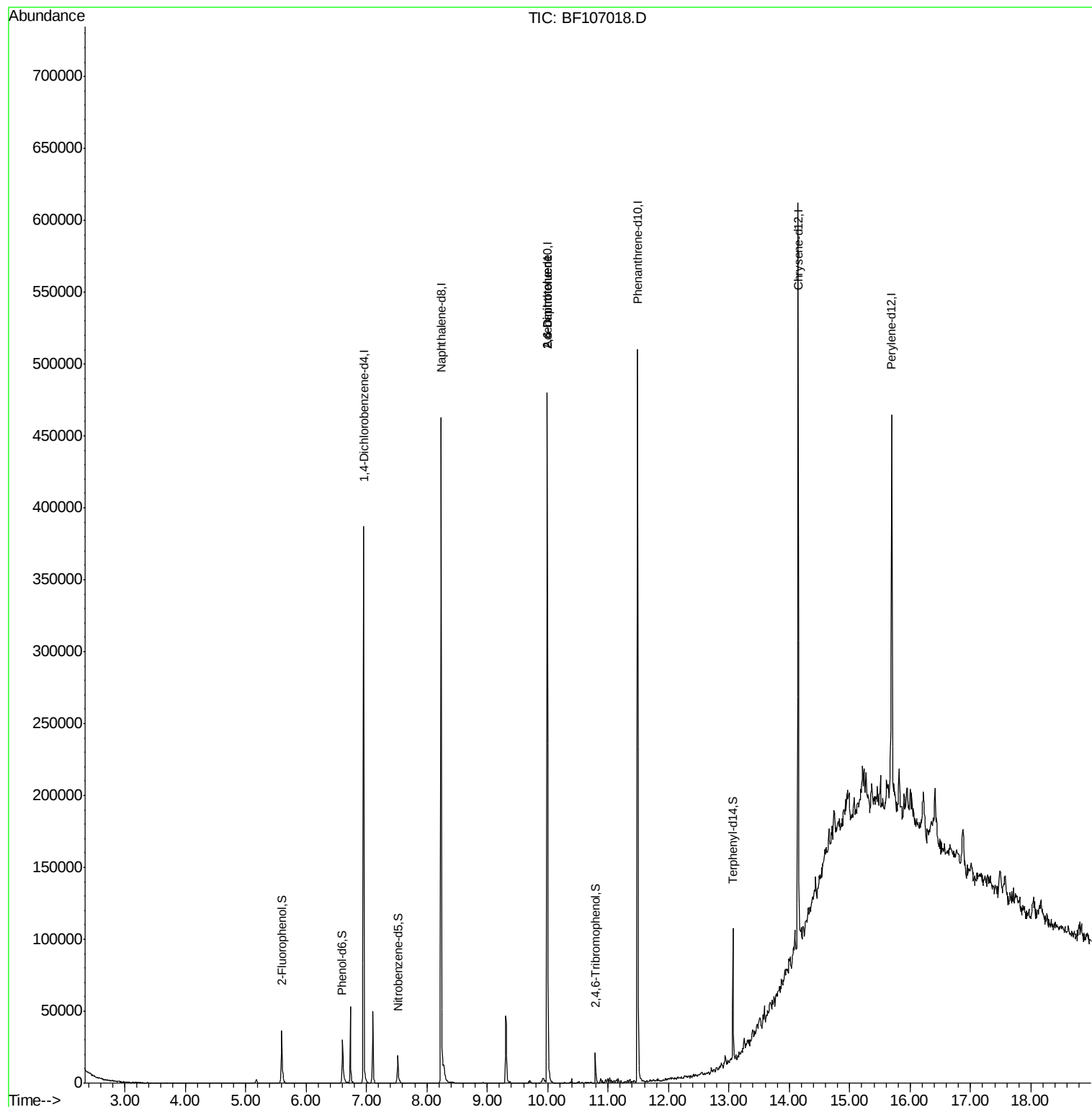
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	61657	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	235726	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	105756	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	210930	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	198584	20.00	ng	-0.02
86) Perylene-d12	15.69	264	142927	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	15944	4.38	ng	0.00
7) Phenol-d6	6.60	99	18836	4.14	ng	-0.01
23) Nitrobenzene-d5	7.52	82	10091	2.38	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	4666	3.81	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	24161	-13.17	ng	-0.02
78) Terphenyl-d14	13.07	244	32359	3.95	ng	-0.02
Target Compounds						
50) 2,6-Dinitrotoluene	10.00	165	13436	8.000	ng	# 24
56) 2,4-Dinitrotoluene	10.00	165	13436	6.129	ng	# 21

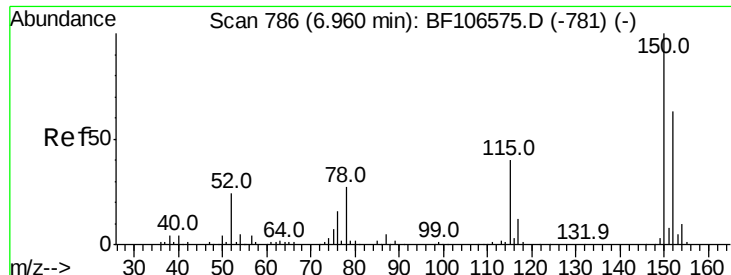
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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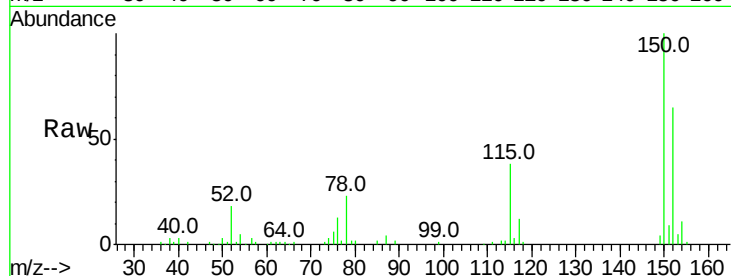


#1

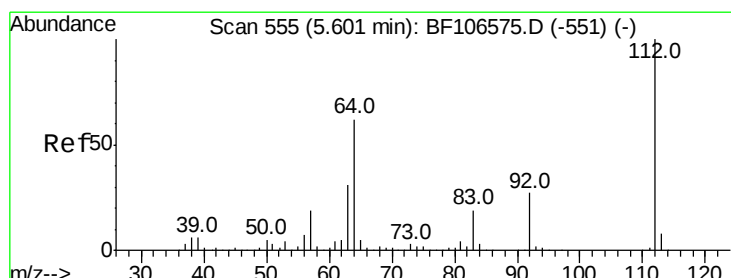
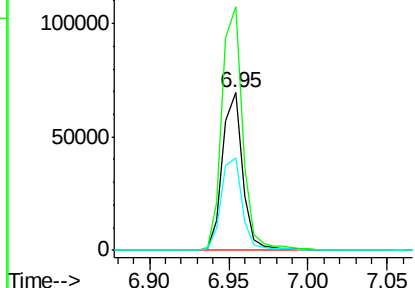
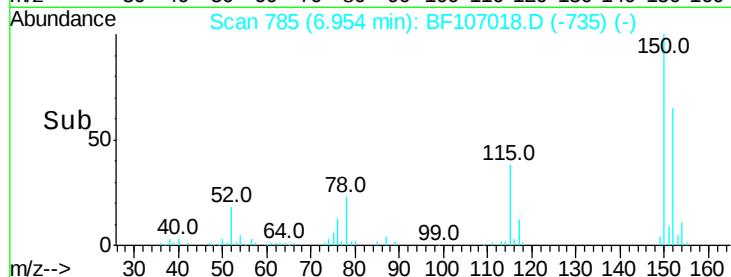
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107018.D
Acq: 30 Jun 2018 16:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 61657
Ion Ratio Lower Upper
152 100
150 154.6 124.6 186.8
115 59.2 50.1 75.1



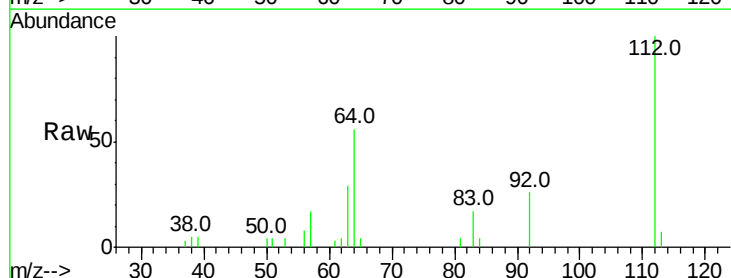
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



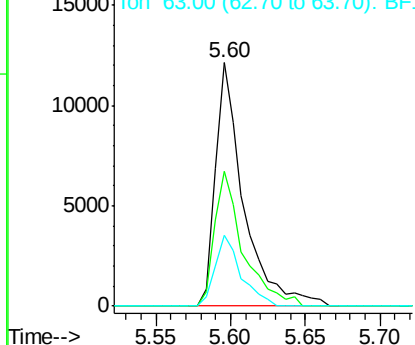
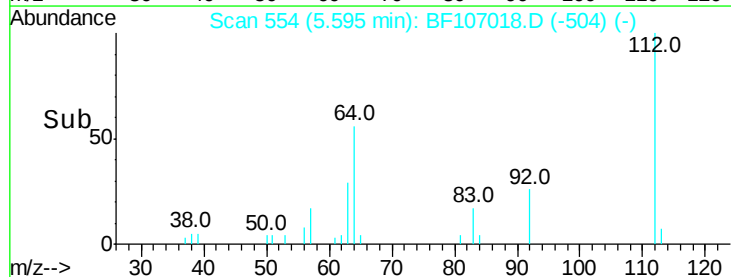
#5

2-Fluorophenol
Concen: 4.379 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107018.D
Acq: 30 Jun 2018 16:49

Tgt Ion:112 Resp: 15944
Ion Ratio Lower Upper
112 100
64 55.5 47.9 71.9
63 29.0 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: 4.142 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107018.D

Acq: 30 Jun 2018 16:49

Instrument :

BNA_F

ClientSampleId :

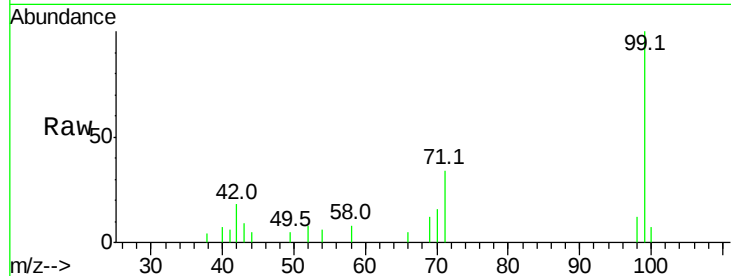
Tot Ion: 99 Resp: 18836

Ion Ratio Lower Upper

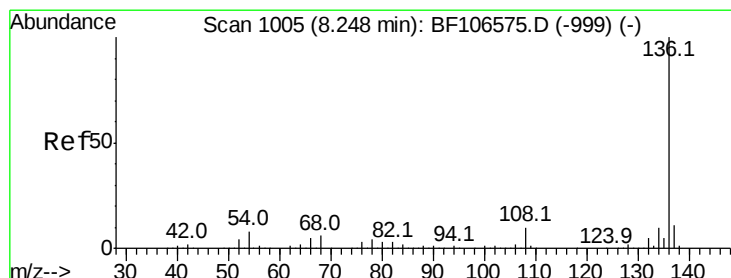
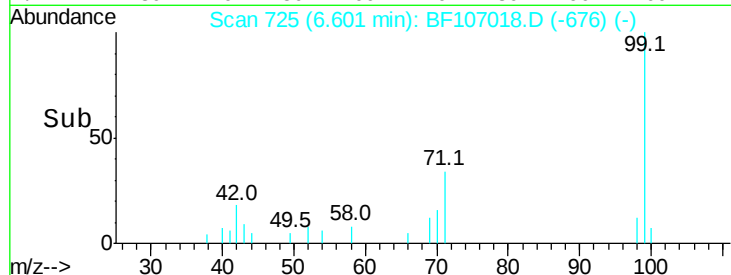
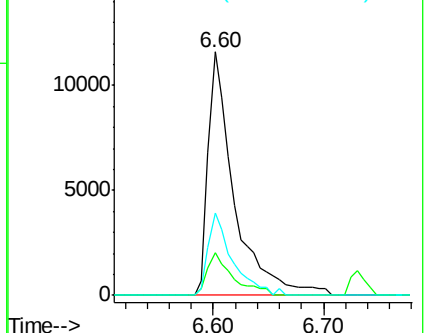
99 100

42 17.6 14.5 21.7

71 33.9 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF107018.D

Acq: 30 Jun 2018 16:49

Tgt Ion: 136 Resp: 235726

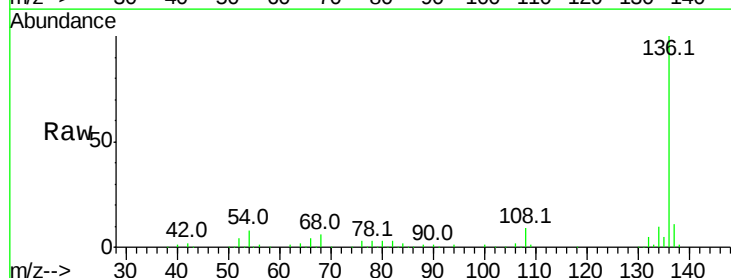
Ion Ratio Lower Upper

136 100

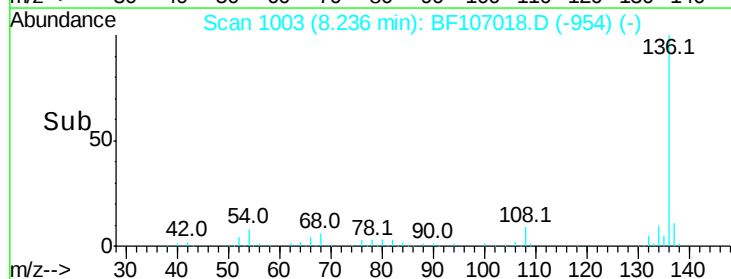
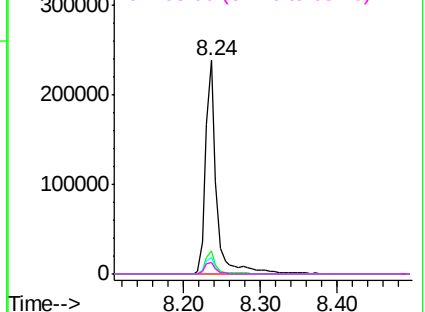
137 10.7 8.9 13.3

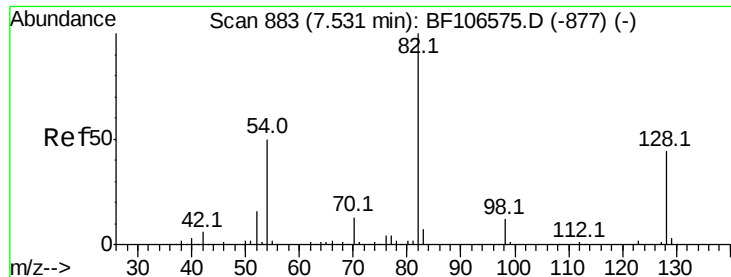
54 7.6 6.6 9.8

68 5.6 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

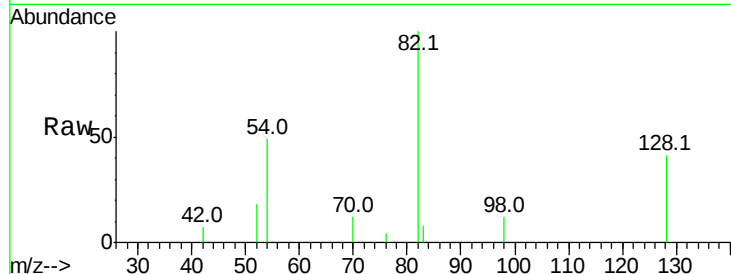




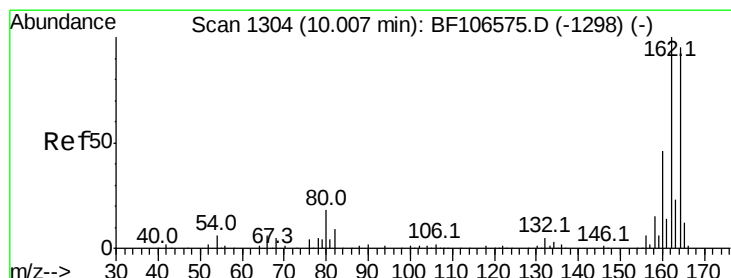
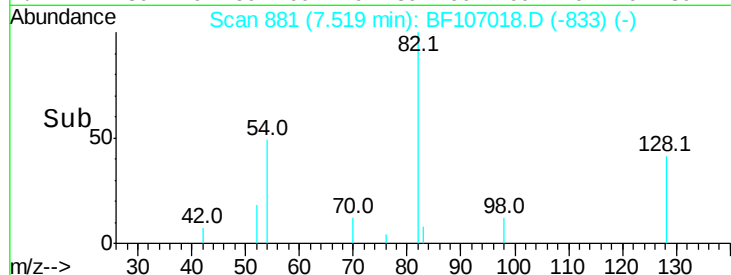
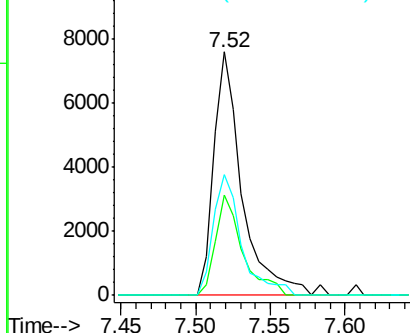
#23
 Nitrobenzene-d5
 Concen: 2.379 ng
 RT: 7.52 min Scan# 881
 Delta R.T. -0.02 min
 Lab File: BF107018.D
 Acq: 30 Jun 2018 16:49

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 10091
 Ion Ratio Lower Upper
 82 100
 128 41.3 36.1 54.1
 54 49.5 41.4 62.2

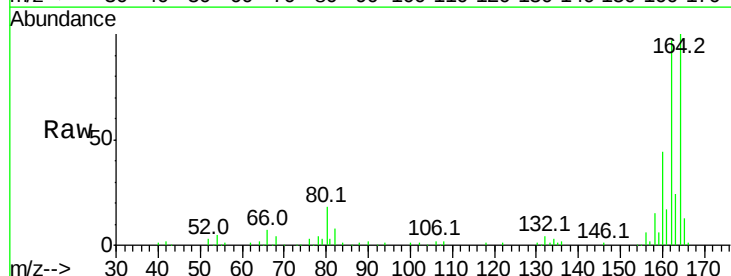


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

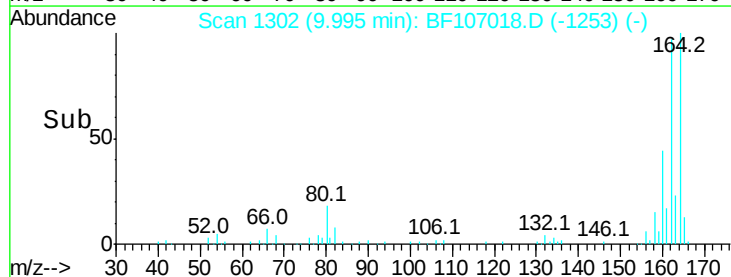
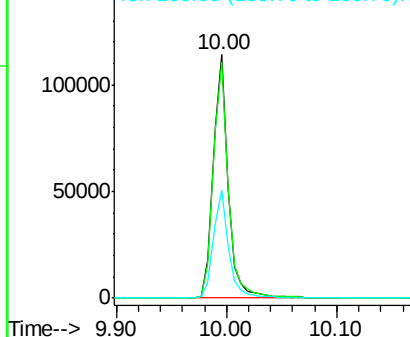


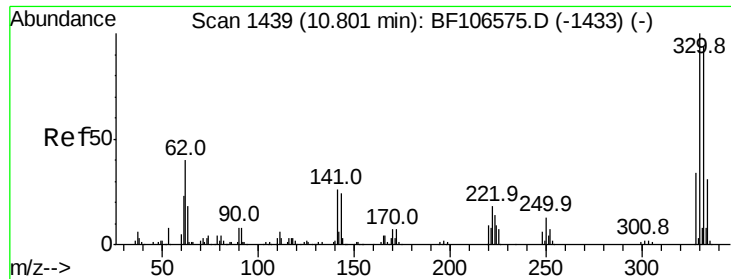
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF107018.D
 Acq: 30 Jun 2018 16:49

Tgt Ion:164 Resp: 105756
 Ion Ratio Lower Upper
 164 100
 162 97.1 86.1 129.1
 160 44.2 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

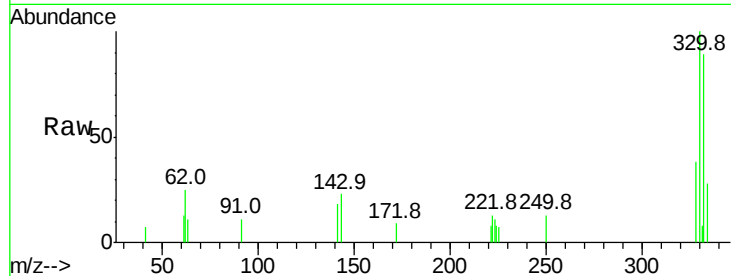




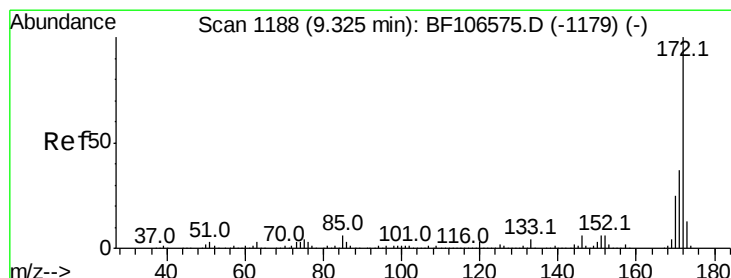
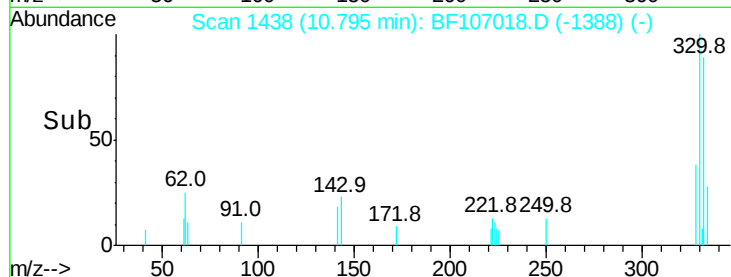
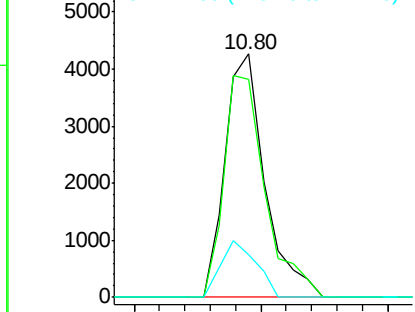
#41
 2,4,6-Tribromophenol
 Concen: 3.807 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF107018.D
 Acq: 30 Jun 2018 16:49

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 4666
 Ion Ratio Lower Upper
 330 100
 332 94.4 77.0 115.6
 141 20.7 29.9 44.9#

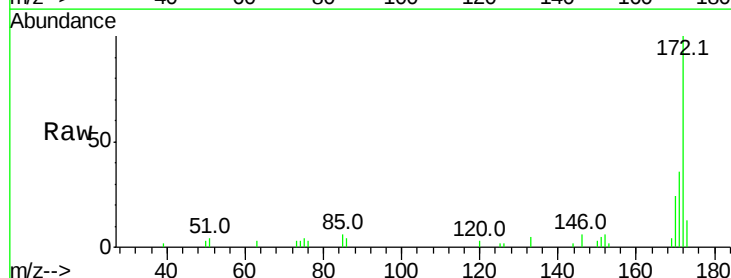


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

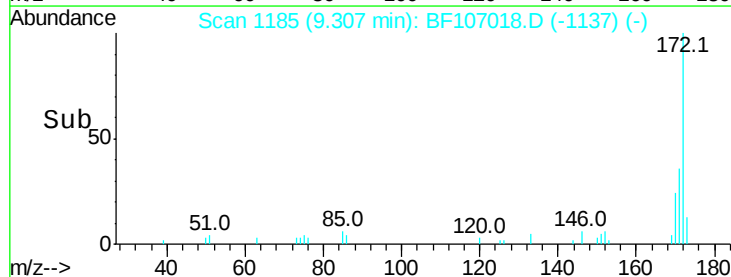
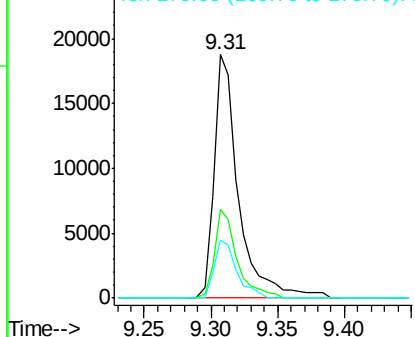


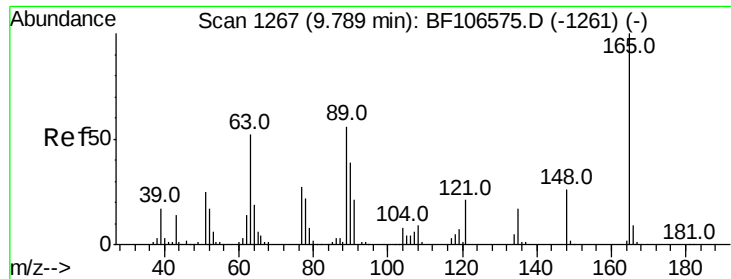
#44
 2-Fluorobiphenyl
 Concen: -13.170 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF107018.D
 Acq: 30 Jun 2018 16:49

Tgt Ion:172 Resp: 24161
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 23.8 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

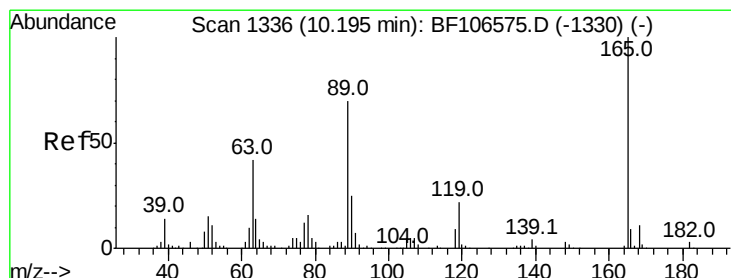
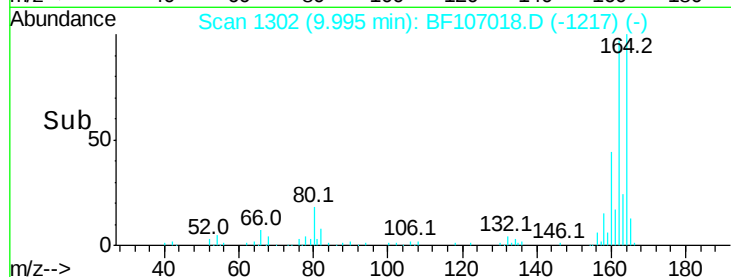
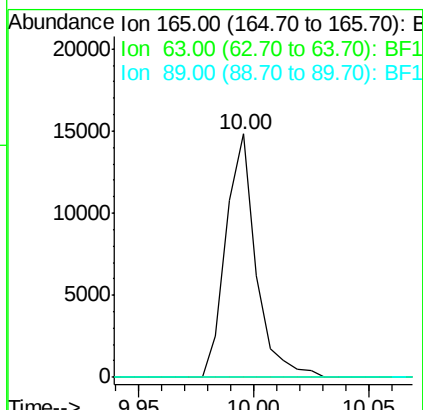
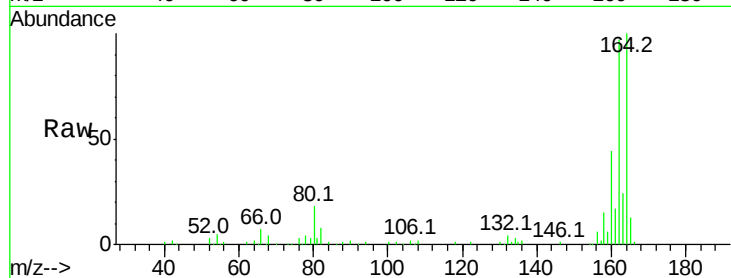




#50
 2,6-Dinitrotoluene
 Concen: 8.000 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. 0.20 min
 Lab File: BF107018.D
 Acq: 30 Jun 2018 16:49

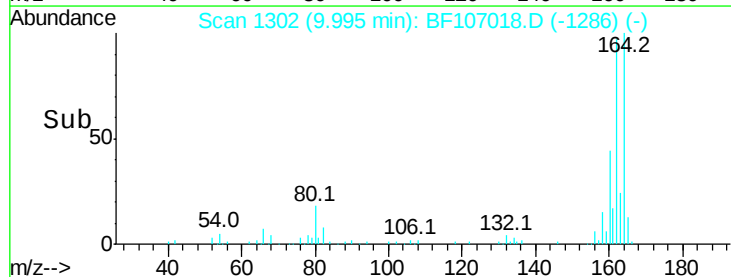
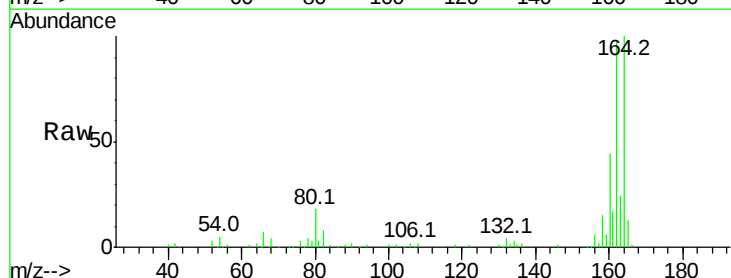
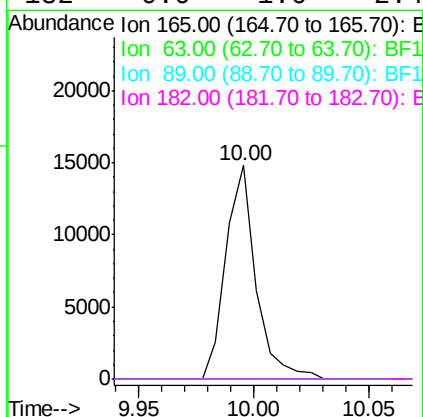
Instrument :
 BNA_F
 ClientSampleId :

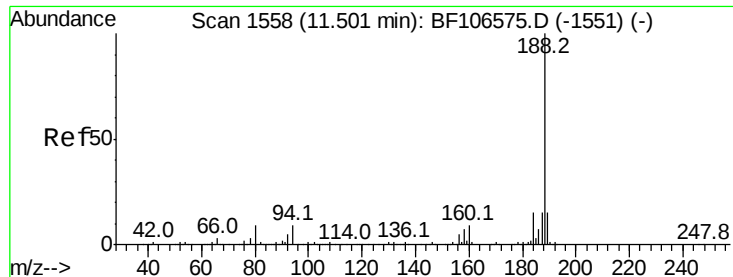
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.129 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. -0.21 min
 Lab File: BF107018.D
 Acq: 30 Jun 2018 16:49

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

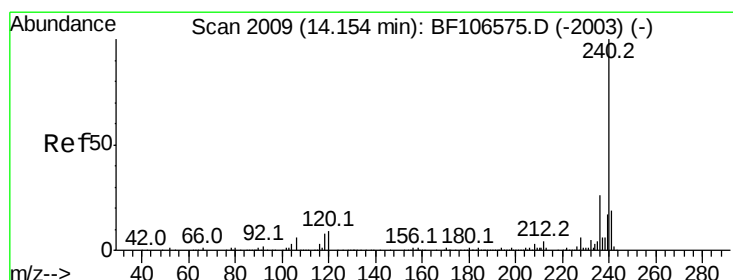
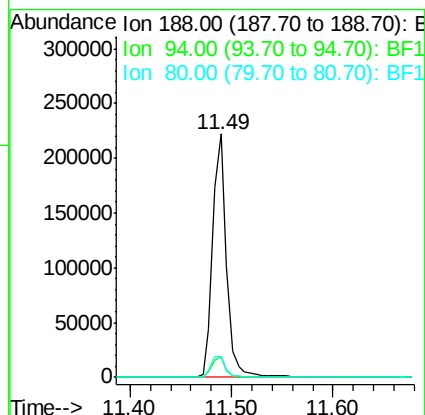
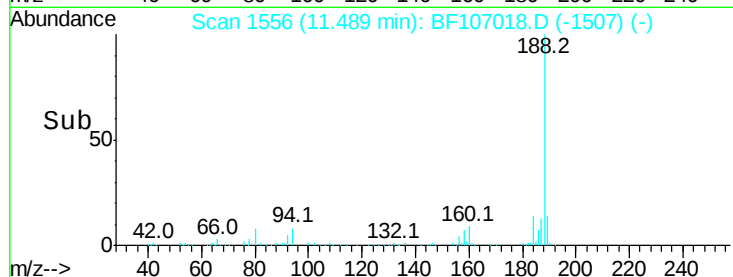
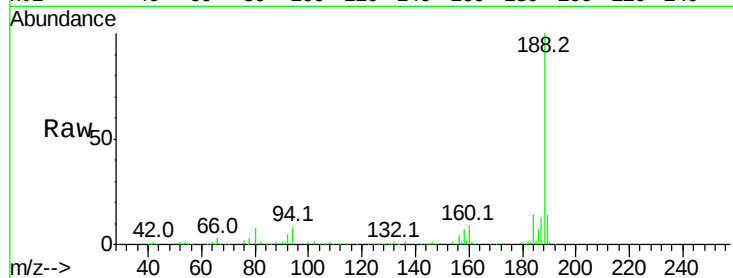




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF107018.D
Acq: 30 Jun 2018 16:49

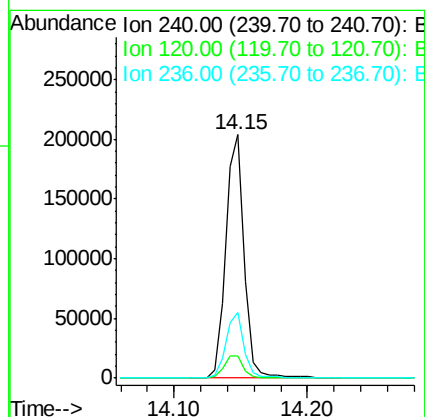
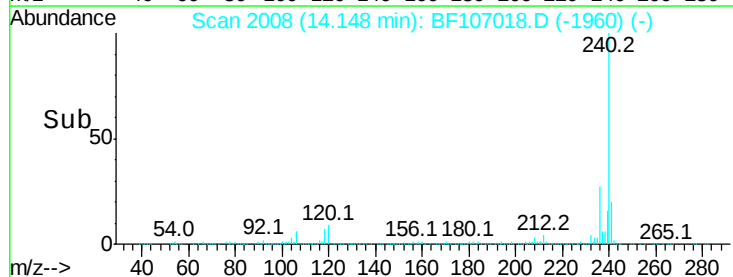
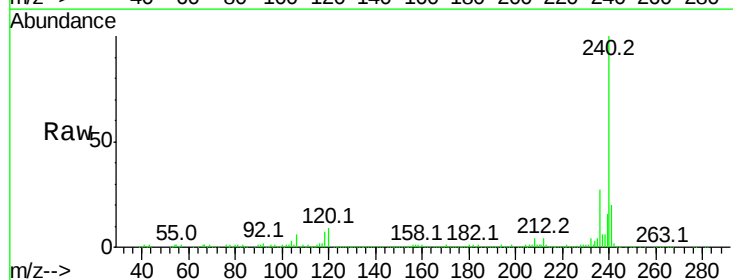
Instrument :
BNA_F
ClientSampleId :

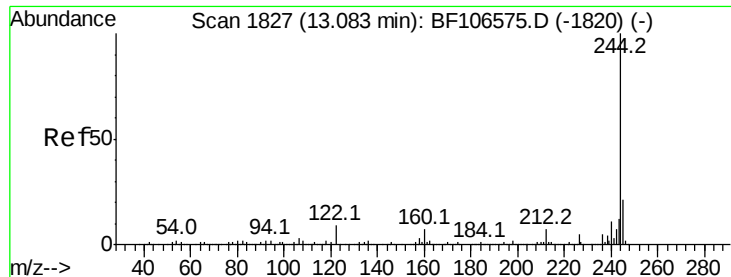
Tot Ion:188 Resp: 210930
Ion Ratio Lower Upper
188 100
94 8.4 8.5 12.7#
80 8.4 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.02 min
Lab File: BF107018.D
Acq: 30 Jun 2018 16:49

Tgt Ion:240 Resp: 198584
Ion Ratio Lower Upper
240 100
120 9.0 9.5 14.3#
236 27.1 20.7 31.1





#78

Terphenyl-d14

Concen: 3.947 ng

RT: 13.07 min Scan# 1824

Delta R.T. -0.02 min

Lab File: BF107018.D

Acq: 30 Jun 2018 16:49

Instrument :

BNA_F

ClientSampleId :

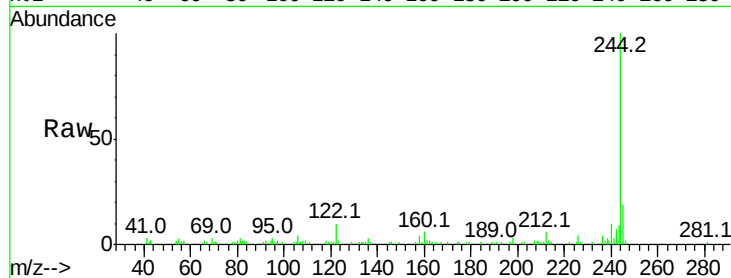
Tot Ion:244 Resp: 32359

Ion Ratio Lower Upper

244 100

212 6.2 5.4 8.0

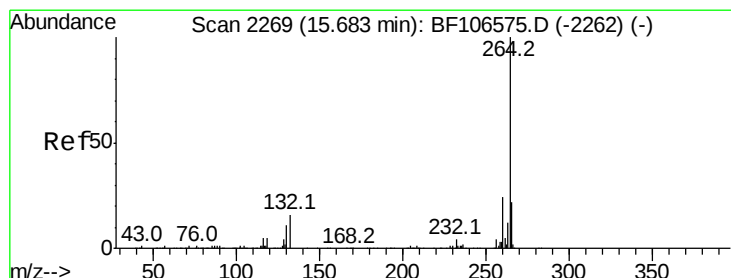
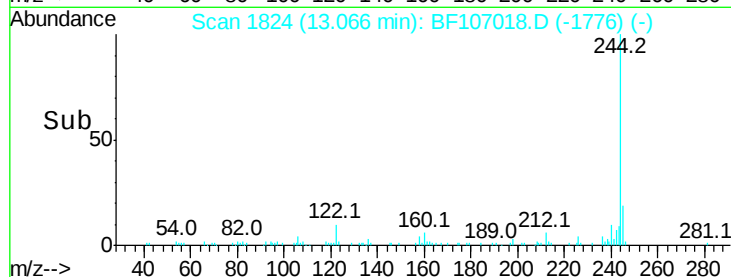
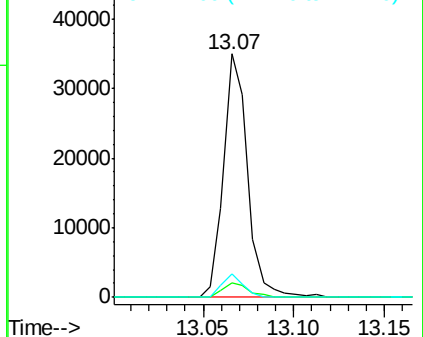
122 9.7 11.0 16.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 15.69 min Scan# 2271

Delta R.T. -0.02 min

Lab File: BF107018.D

Acq: 30 Jun 2018 16:49

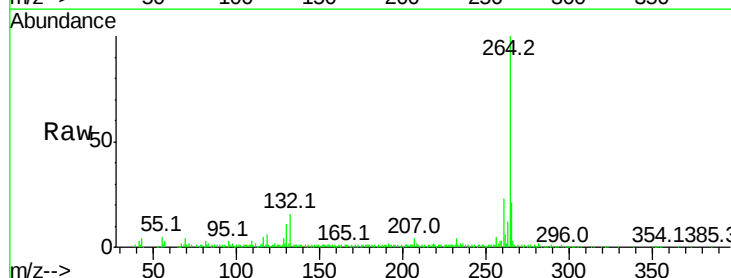
Tgt Ion:264 Resp: 142927

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 21.4 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

