

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070218\
 Data File : BF107060.D
 Acq On : 2 Jul 2018 23:49
 Operator : JU/SJ
 Sample : J3629-04DL 4X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 03 01:26:23 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

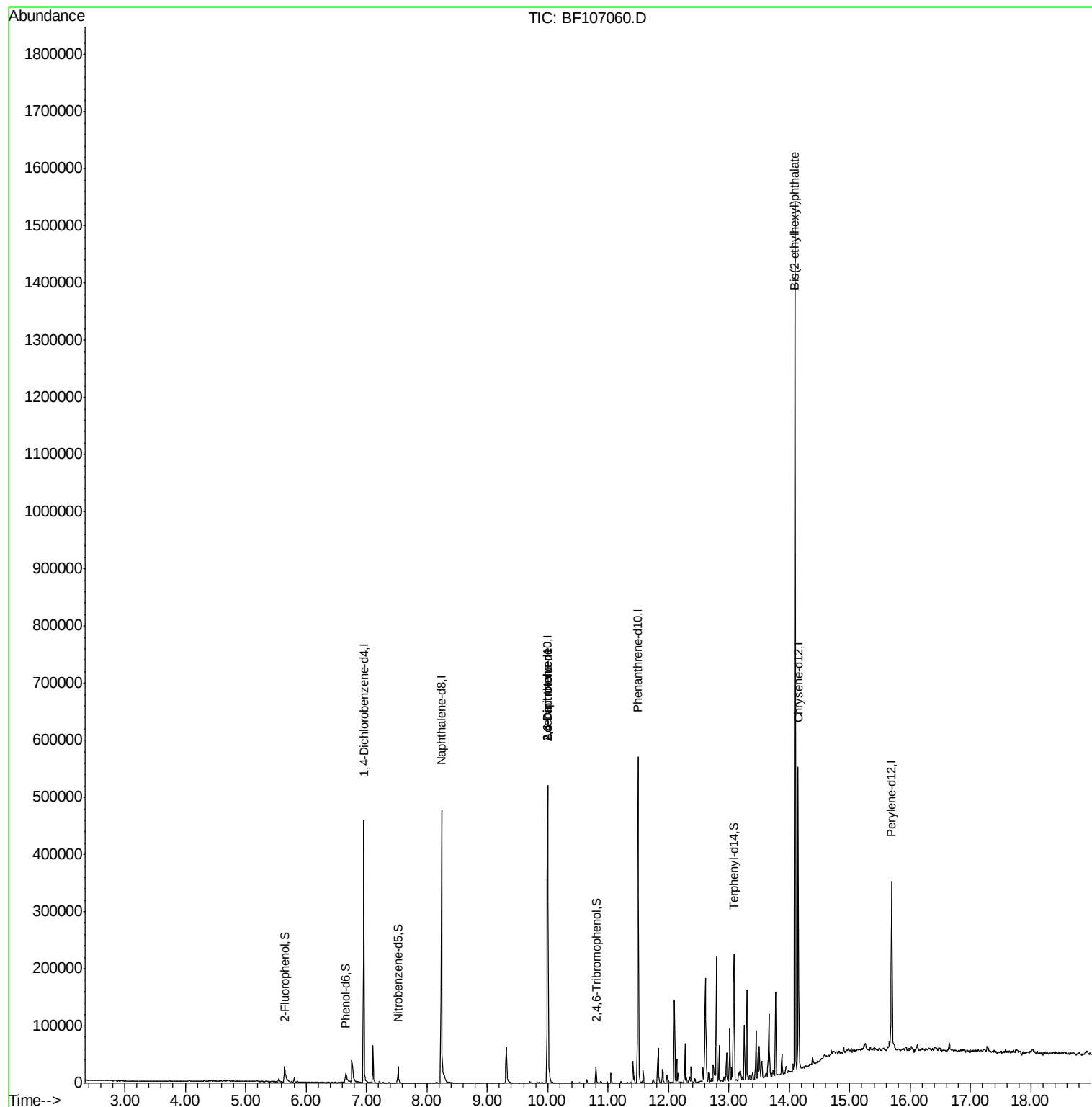
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	68439	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	271637	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	126397	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	222793	20.00	ng	0.00
75) Chrysene-d12	14.15	240	191880	20.00	ng	-0.02
86) Perylene-d12	15.69	264	155149	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	19689	4.87	ng	0.05
7) Phenol-d6	6.65	99	17681	3.50	ng	0.04
23) Nitrobenzene-d5	7.52	82	13506	2.76	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	5948	4.06	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	35066	-12.17	ng	-0.01
78) Terphenyl-d14	13.08	244	35086	4.43	ng	0.00
Target Compounds						
50) 2,6-Dinitrotoluene	10.00	165	15738	7.840	ng	# 24
56) 2,4-Dinitrotoluene	10.00	165	15738	6.006	ng	# 21
83) Bis(2-ethylhexyl)phthalate	14.09	149	454000	68.260	ng	97

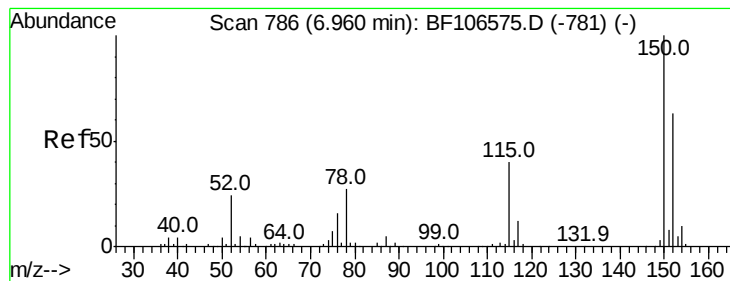
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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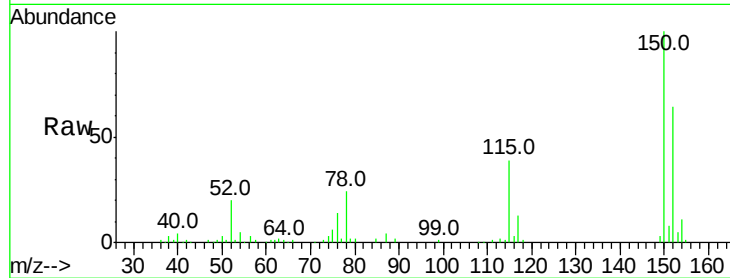


#1

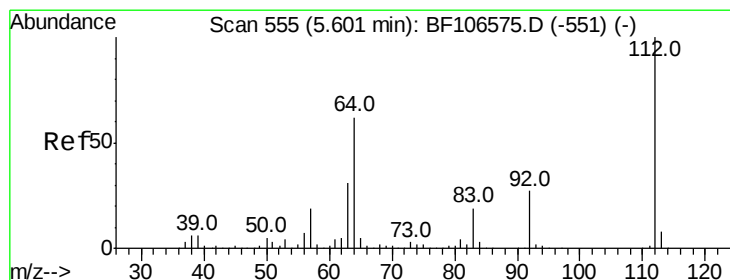
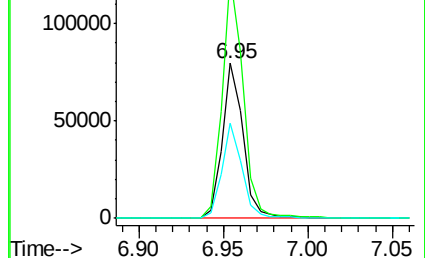
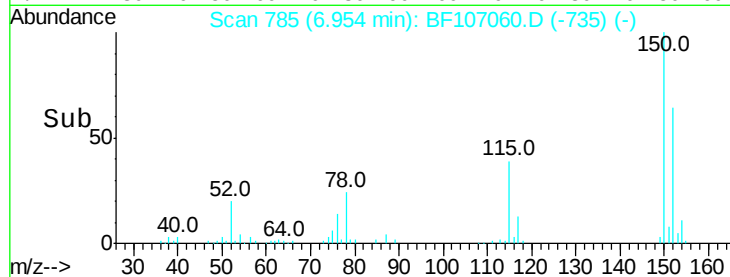
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107060.D
Acq: 2 Jul 2018 23:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 68439
Ion Ratio Lower Upper
152 100
150 157.0 124.6 186.8
115 61.2 50.1 75.1



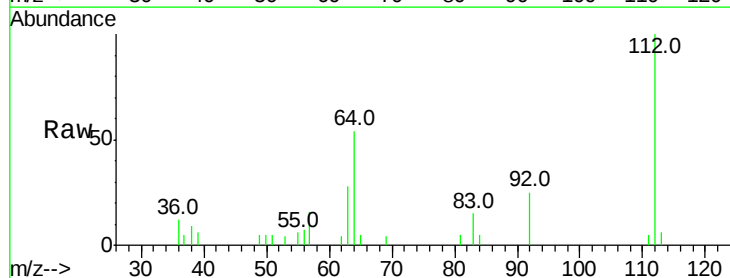
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



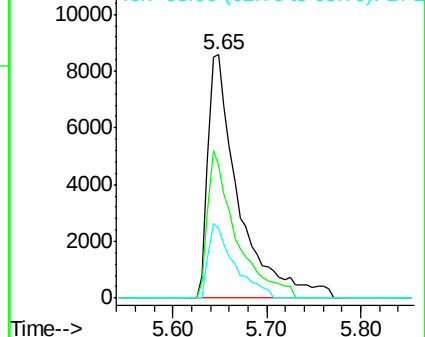
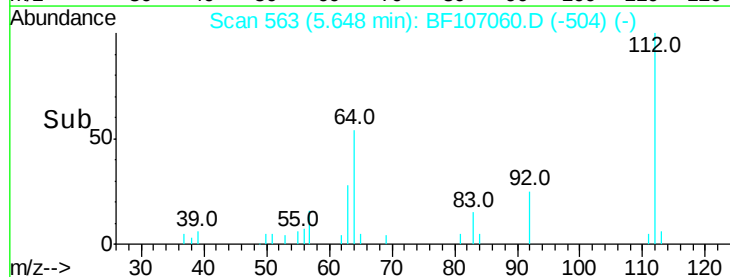
#5

2-Fluorophenol
Concen: 4.871 ng
RT: 5.65 min Scan# 563
Delta R.T. 0.05 min
Lab File: BF107060.D
Acq: 2 Jul 2018 23:49

Tgt Ion:112 Resp: 19689
Ion Ratio Lower Upper
112 100
64 54.1 47.9 71.9
63 28.4 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: 3.503 ng

RT: 6.65 min Scan# 734

Delta R.T. 0.04 min

Lab File: BF107060.D

Acq: 2 Jul 2018 23:49

Instrument :

BNA_F

ClientSampleId :

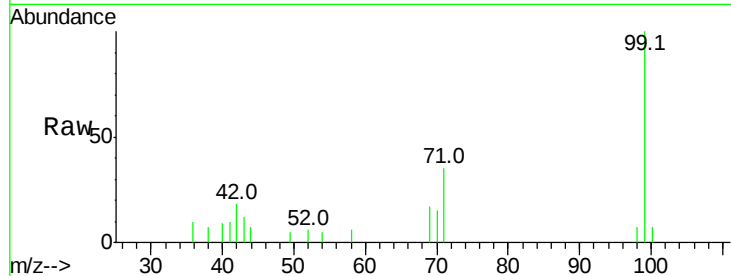
Tot Ion: 99 Resp: 17681

Ion Ratio Lower Upper

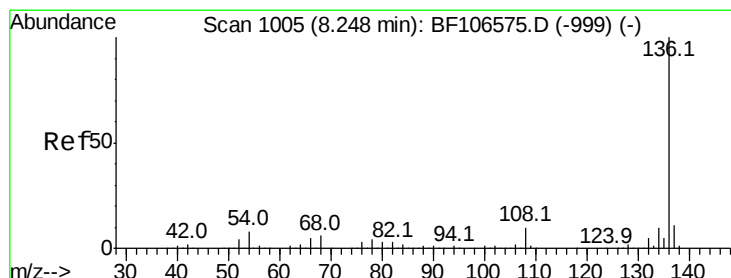
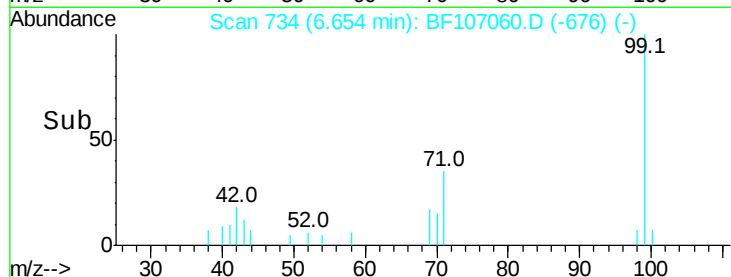
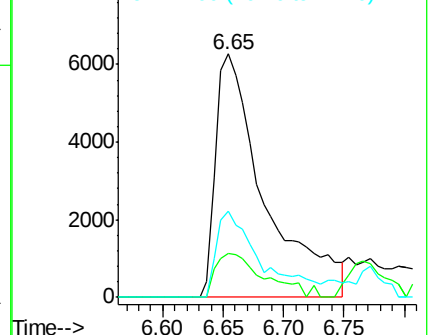
99 100

42 18.3 14.5 21.7

71 35.2 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# 1004

Delta R.T. -0.01 min

Lab File: BF107060.D

Acq: 2 Jul 2018 23:49

Tgt Ion: 136 Resp: 271637

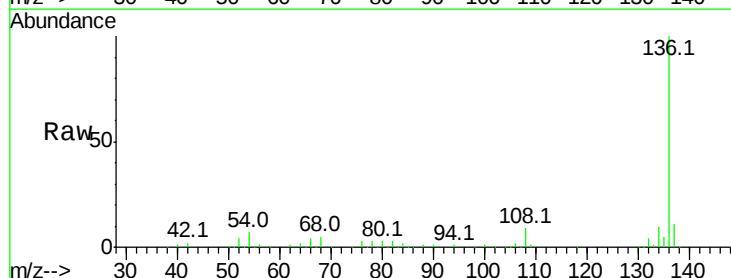
Ion Ratio Lower Upper

136 100

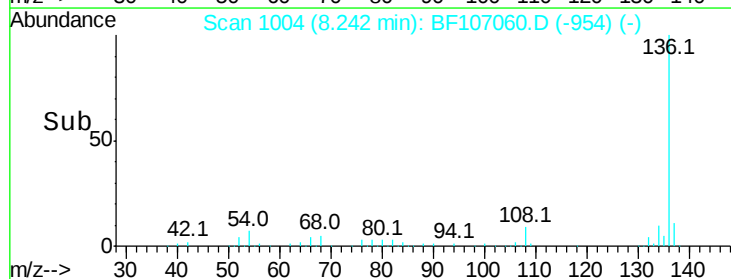
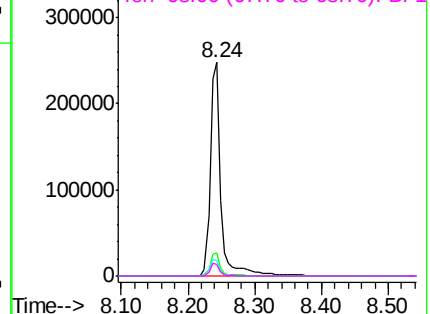
137 10.7 8.9 13.3

54 7.0 6.6 9.8

68 5.5 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

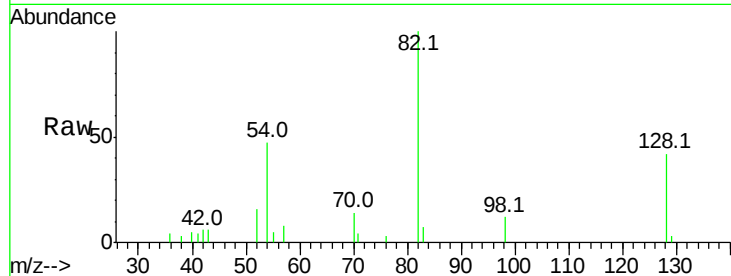




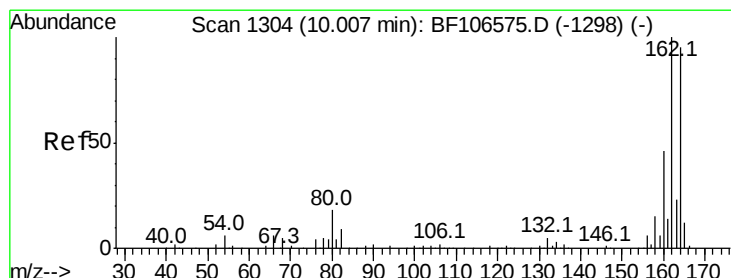
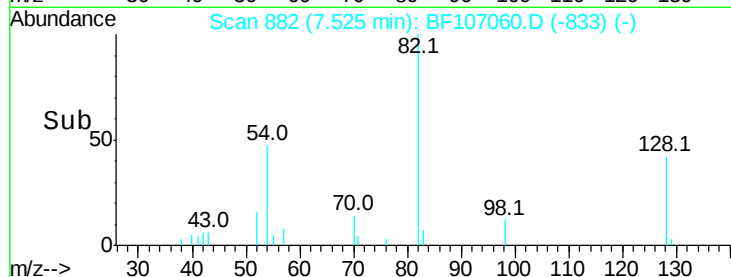
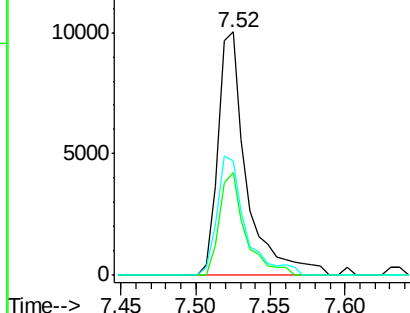
#23
 Nitrobenzene-d5
 Concen: 2.763 ng
 RT: 7.52 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF107060.D
 Acq: 2 Jul 2018 23:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	13506
Ion Ratio	Lower	Upper	
82	100		
128	42.1	36.1	54.1
54	46.8	41.4	62.2

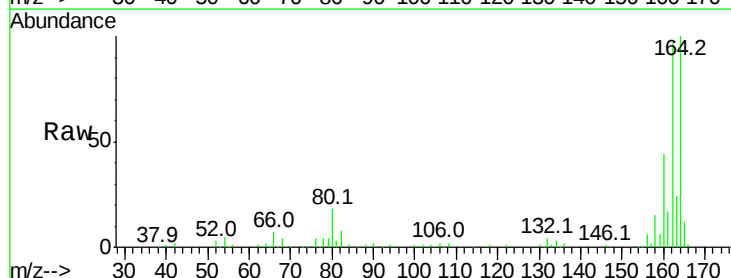


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF1

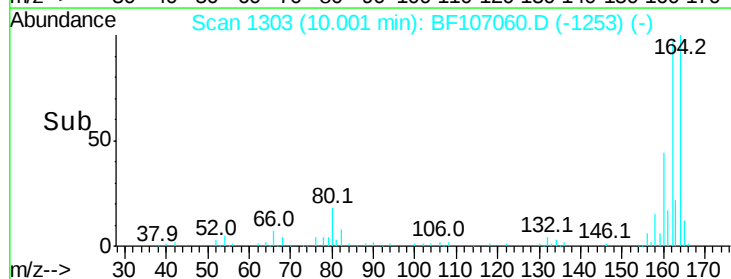
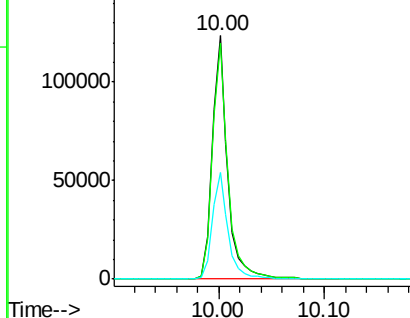


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF107060.D
 Acq: 2 Jul 2018 23:49

Tgt Ion	164	Resp	126397
Ion Ratio	Lower	Upper	
164	100		
162	97.1	86.1	129.1
160	43.7	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

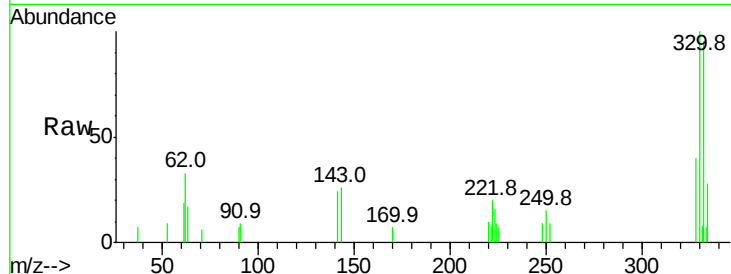




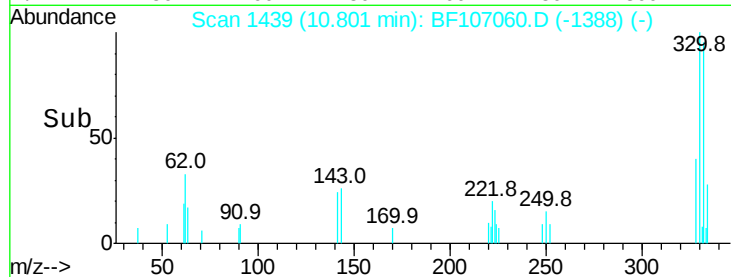
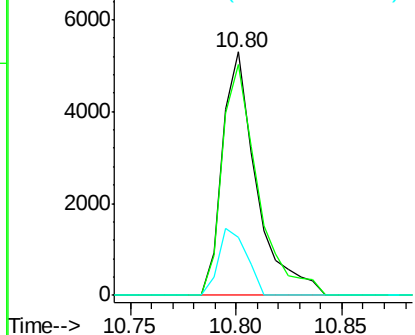
#41
 2,4,6-Tribromophenol
 Concen: 4.060 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF107060.D
 Acq: 2 Jul 2018 23:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.7	77.0	115.6
141	22.7	29.9	44.9#

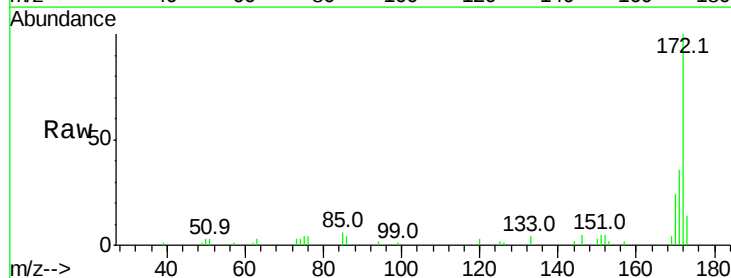


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

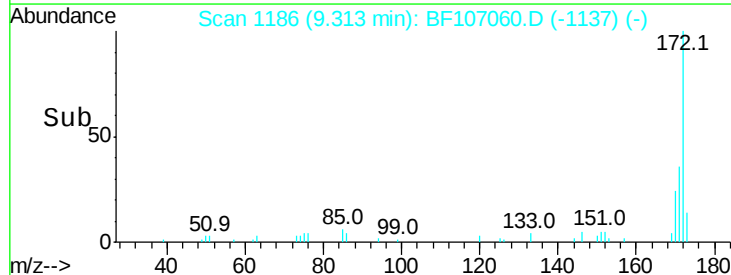
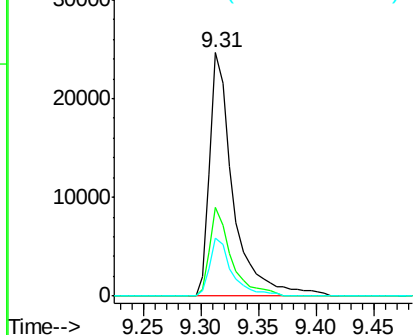


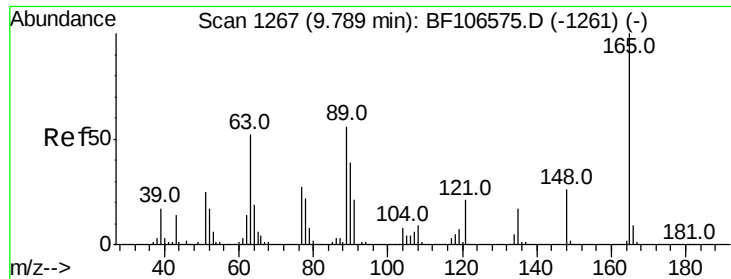
#44
 2-Fluorobiphenyl
 Concen: -12.167 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF107060.D
 Acq: 2 Jul 2018 23:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.6	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

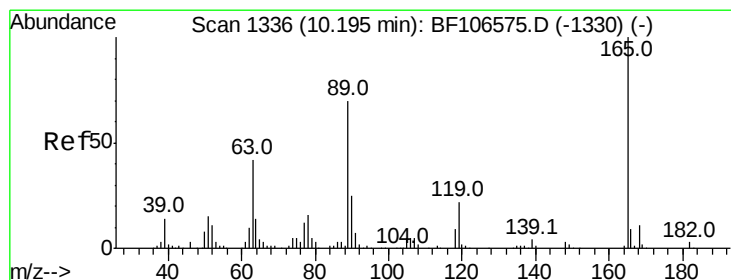
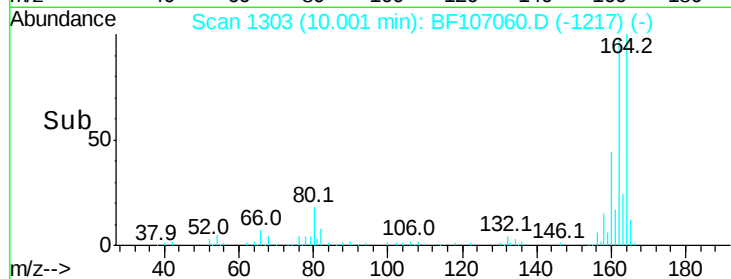
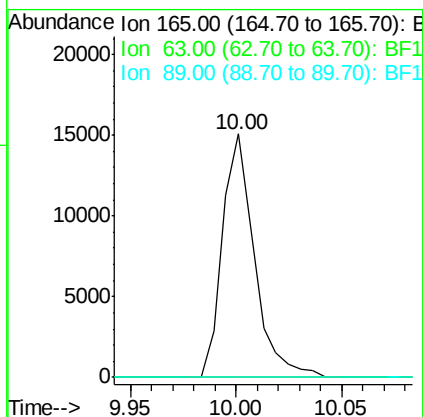
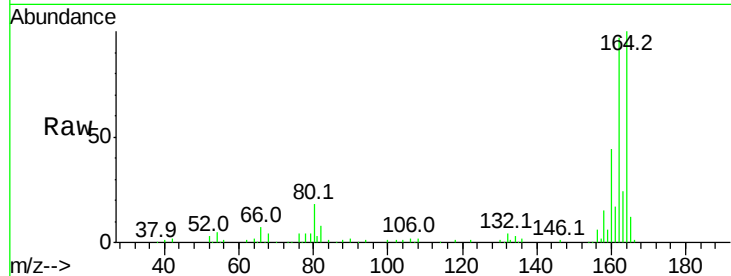




#50
2,6-Dinitrotoluene
Concen: 7.840 ng
RT: 10.00 min Scan# 1303
Delta R.T. 0.21 min
Lab File: BF107060.D
Acq: 2 Jul 2018 23:49

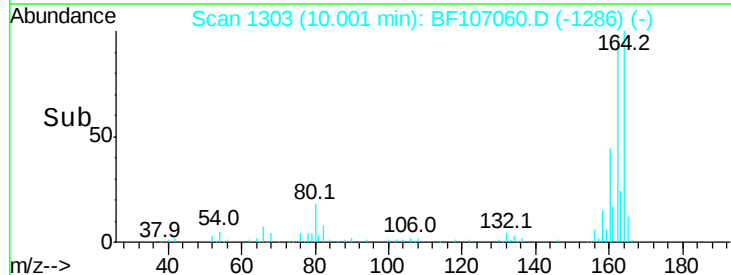
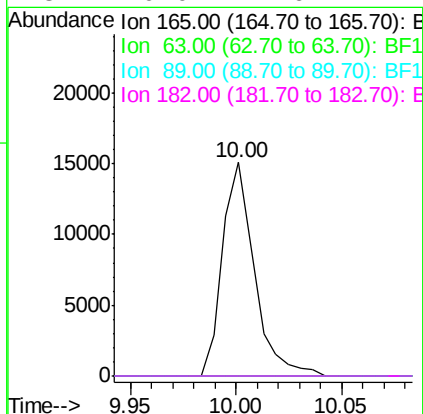
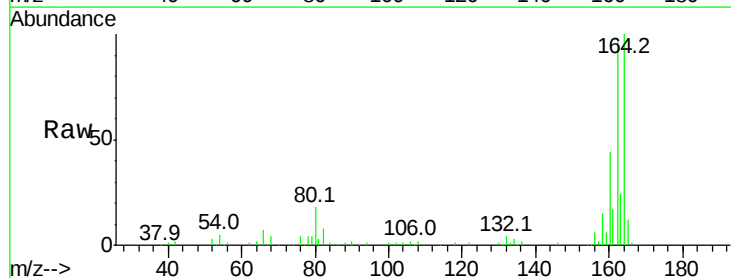
Instrument :
BNA_F
ClientSampleId :

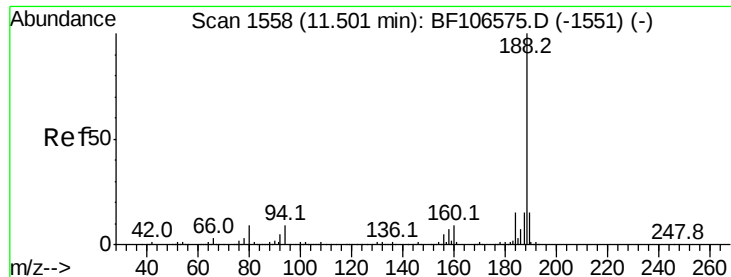
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



#56
2,4-Dinitrotoluene
Concen: 6.006 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.20 min
Lab File: BF107060.D
Acq: 2 Jul 2018 23:49

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#

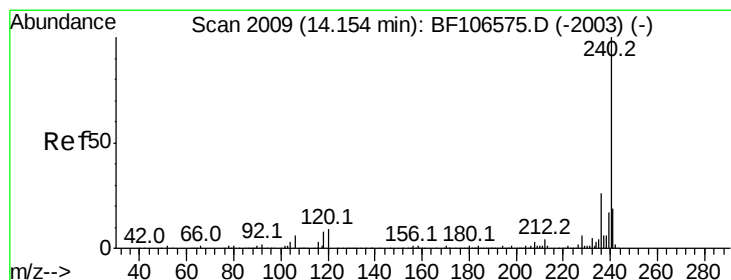
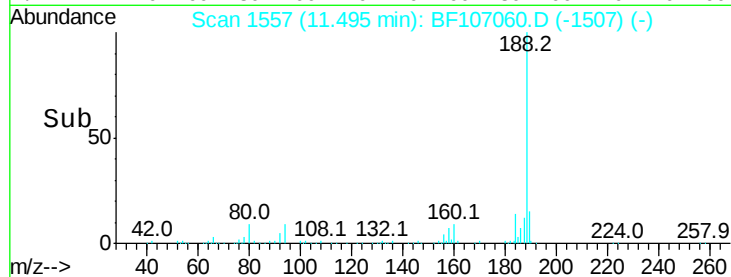
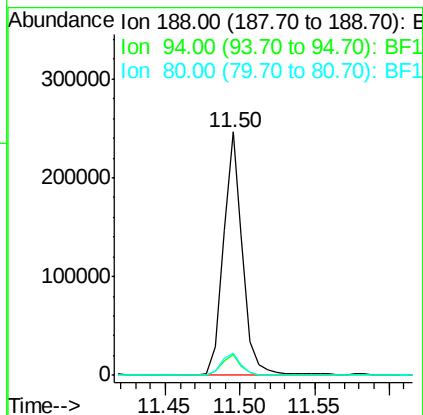
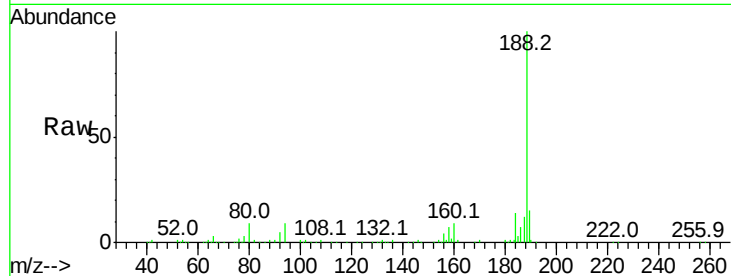




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF107060.D
Acq: 2 Jul 2018 23:49

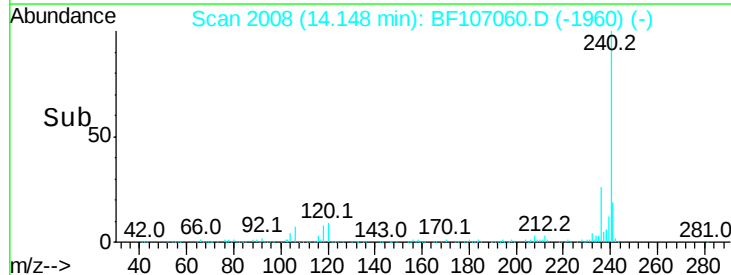
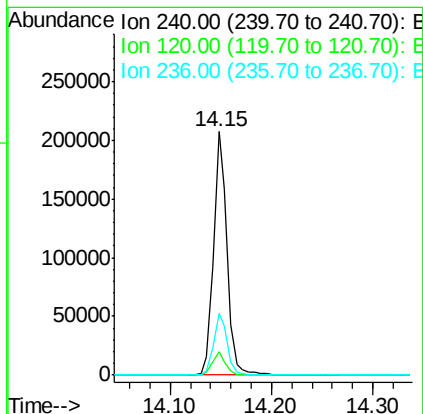
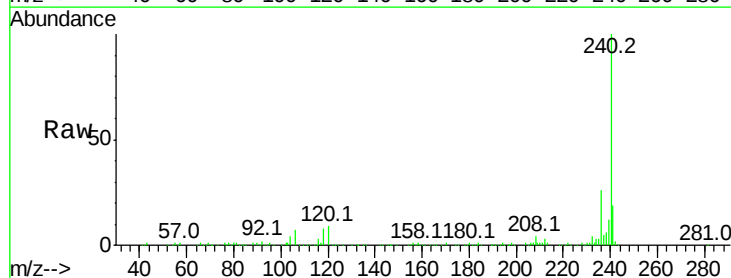
Instrument :
BNA_F
ClientSampleId :

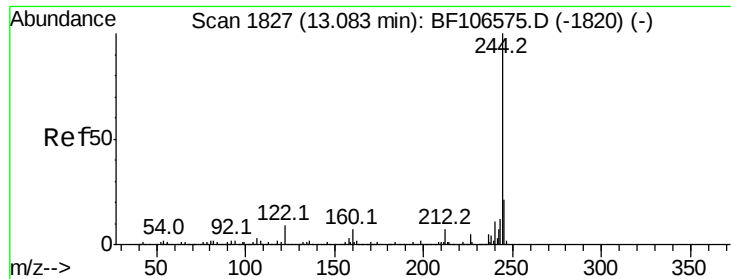
Tot Ion:188 Resp: 222793
Ion Ratio Lower Upper
188 100
94 8.6 8.5 12.7
80 9.0 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.02 min
Lab File: BF107060.D
Acq: 2 Jul 2018 23:49

Tgt Ion:240 Resp: 191880
Ion Ratio Lower Upper
240 100
120 9.4 9.5 14.3#
236 25.6 20.7 31.1

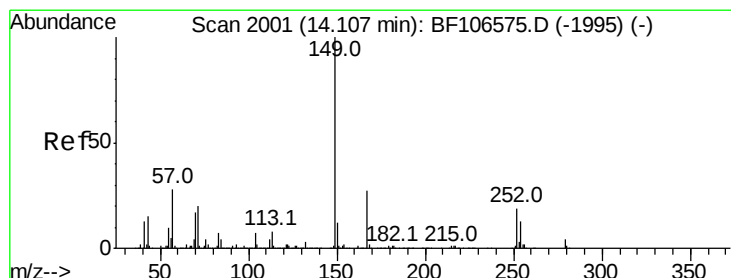
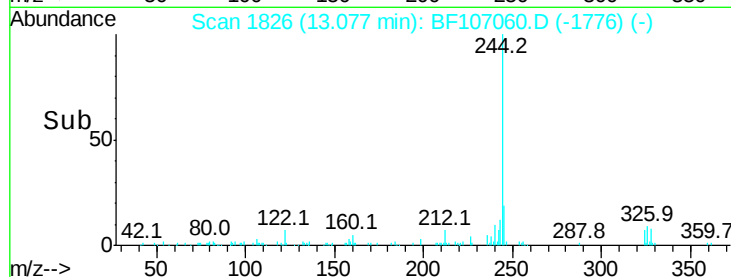
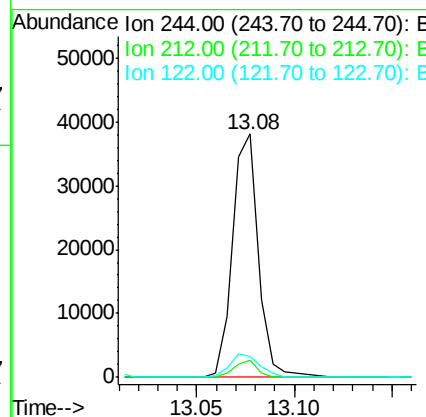
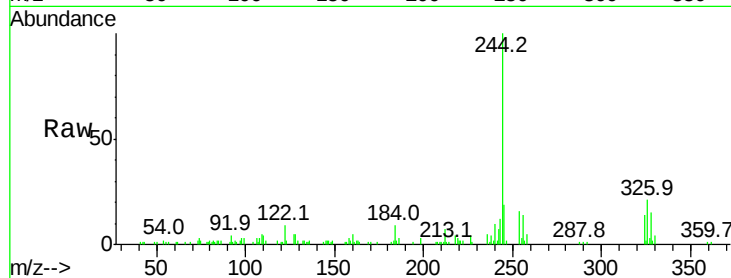




#78
 Terphenyl-d14
 Concen: 4.429 ng
 RT: 13.08 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF107060.D
 Acq: 2 Jul 2018 23:49

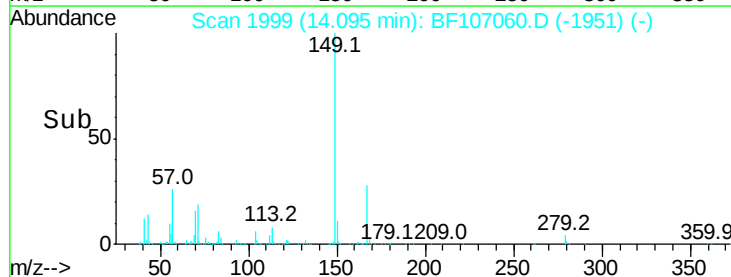
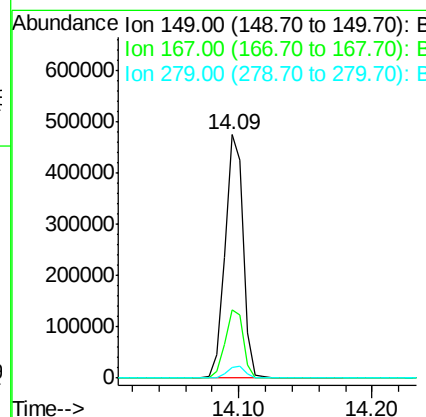
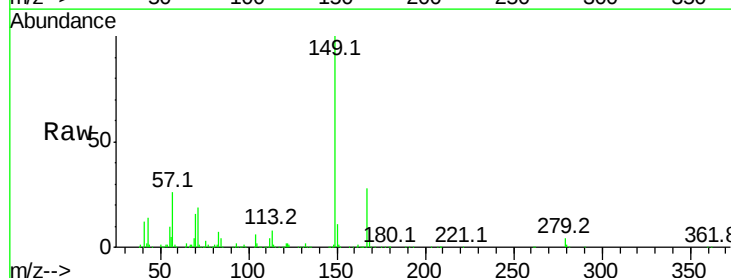
Instrument :
 BNA_F
 ClientSampleId :

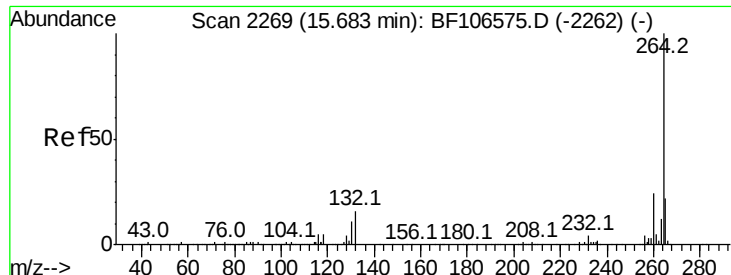
Tot Ion:244 Resp: 35086
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 8.7 11.0 16.4#



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 68.260 ng
 RT: 14.09 min Scan# 1999
 Delta R.T. -0.02 min
 Lab File: BF107060.D
 Acq: 2 Jul 2018 23:49

Tgt Ion:149 Resp: 454000
 Ion Ratio Lower Upper
 149 100
 167 28.3 21.3 31.9
 279 4.3 3.0 4.4

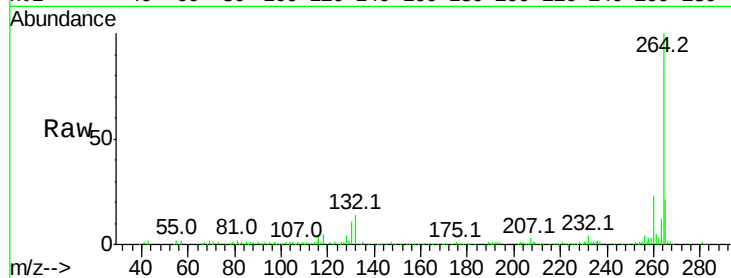




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2271
Delta R.T. -0.02 min
Lab File: BF107060.D
Acq: 2 Jul 2018 23:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.2	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

