

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF063018\
 Data File : BF107030.D
 Acq On : 30 Jun 2018 22:11
 Operator : JU/SJ
 Sample : J3743-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GMW-5

Quant Time: Jul 02 07:35:00 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

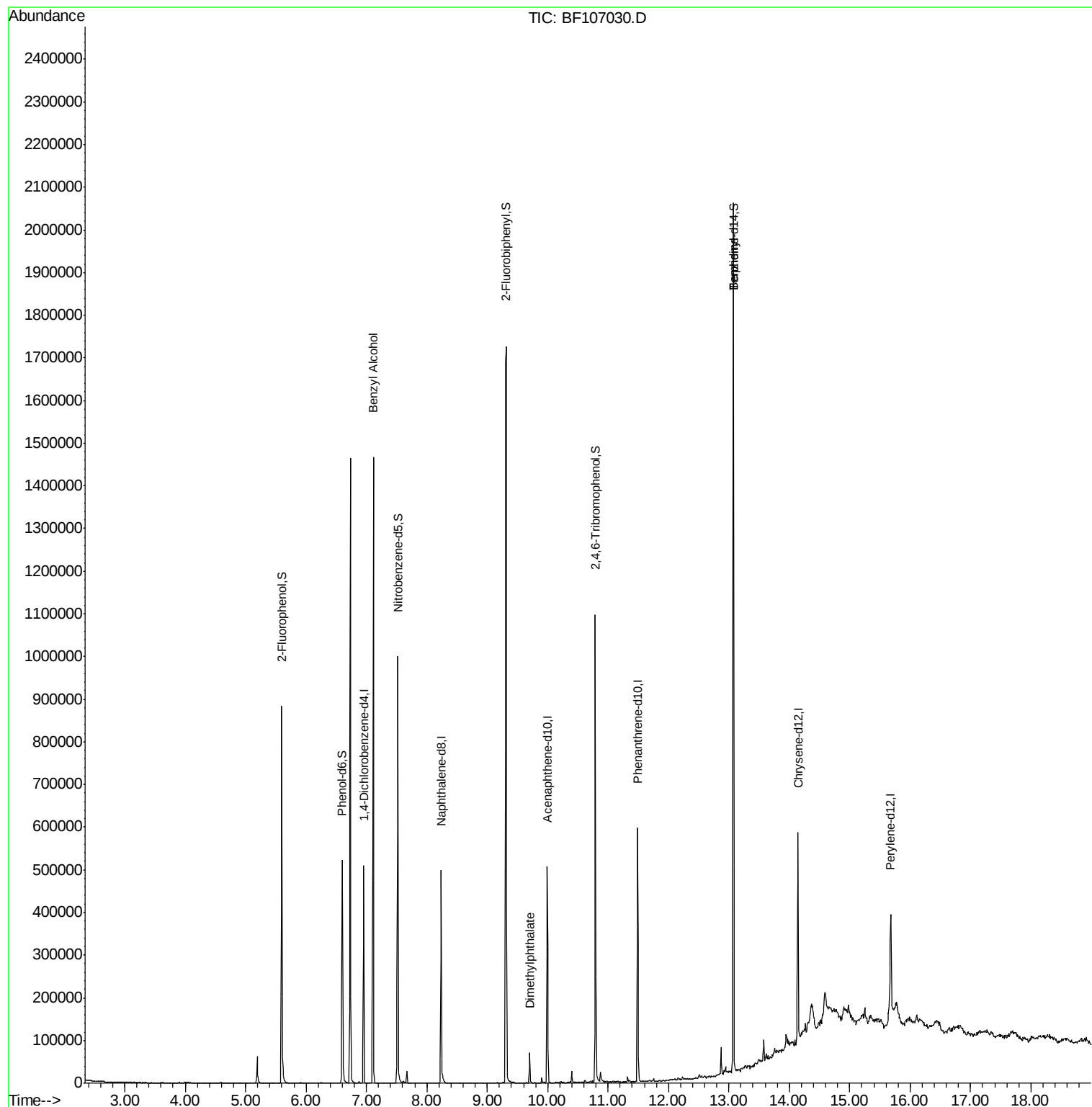
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	70903	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	232778	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	105523	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	222250	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	183967	20.00	ng	-0.02
86) Perylene-d12	15.68	264	132642	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	255664	61.06	ng	0.00
7) Phenol-d6	6.60	99	186483	35.66	ng	-0.02
23) Nitrobenzene-d5	7.52	82	343540	82.02	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	175501	143.50	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	625886	103.63	ng	-0.01
78) Terphenyl-d14	13.08	244	809980	106.65	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.11	79	6115	1.456	ng	Qvalue # 45
49) Dimethylphthalate	9.70	163	30929	3.908	ng	97
76) Benzidine	13.08	184	8731	1.666	ng	99

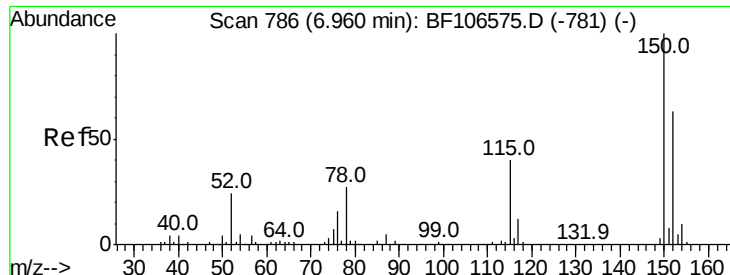
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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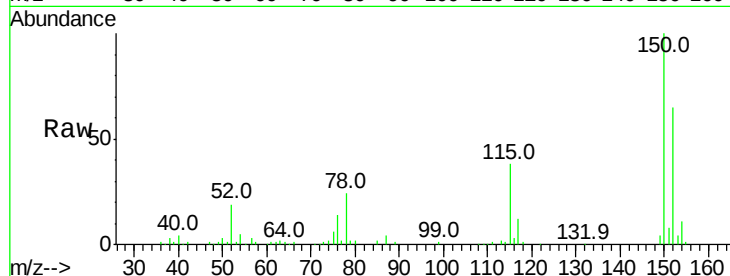


#1

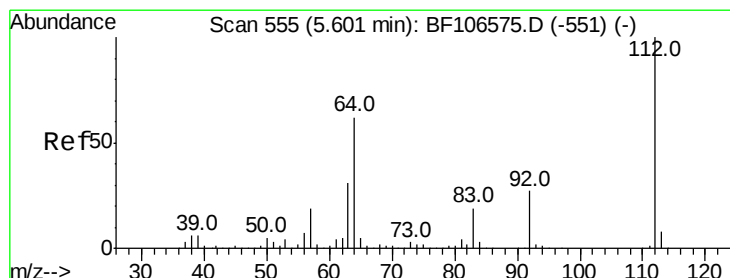
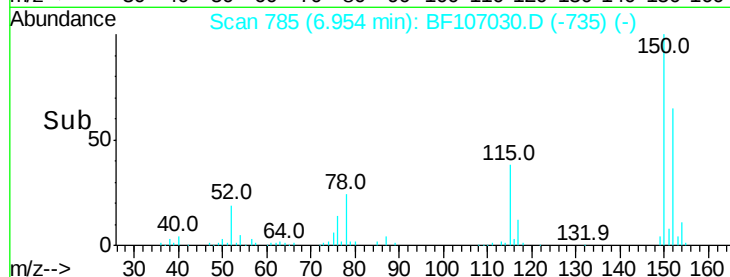
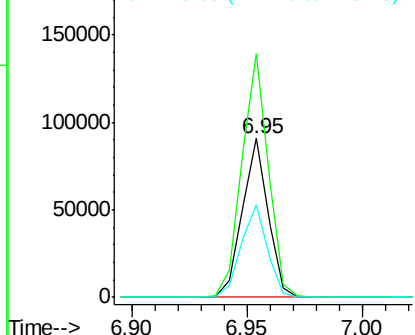
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107030.D
Acq: 30 Jun 2018 22:11

Instrument :
BNA_F
ClientSampleId :
GMW-5

Tot Ion:152 Resp: 70903
Ion Ratio Lower Upper
152 100
150 153.1 124.6 186.8
115 58.4 50.1 75.1



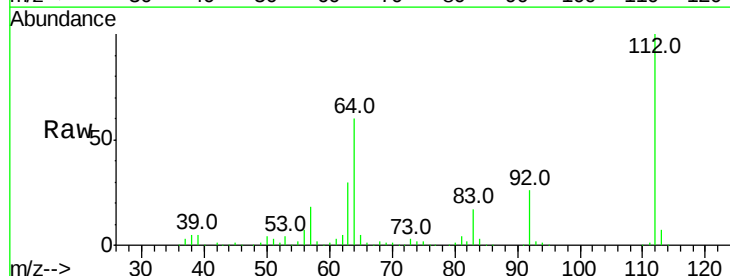
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



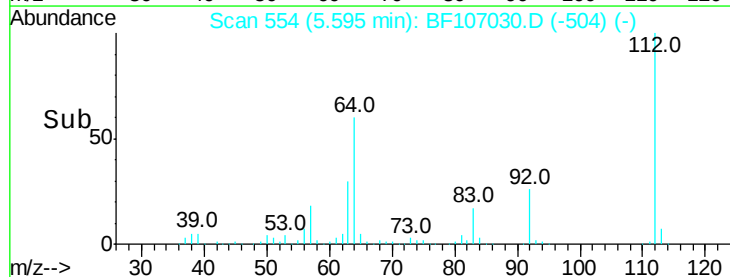
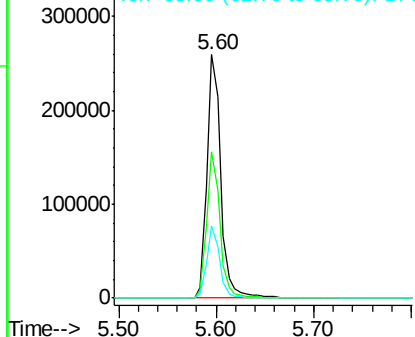
#5

2-Fluorophenol
Concen: 61.058 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107030.D
Acq: 30 Jun 2018 22:11

Tgt Ion:112 Resp: 255664
Ion Ratio Lower Upper
112 100
64 60.1 47.9 71.9
63 29.6 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: 35.663 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107030.D

Acq: 30 Jun 2018 22:11

Instrument :

BNA_F

ClientSampled :

GMW-5

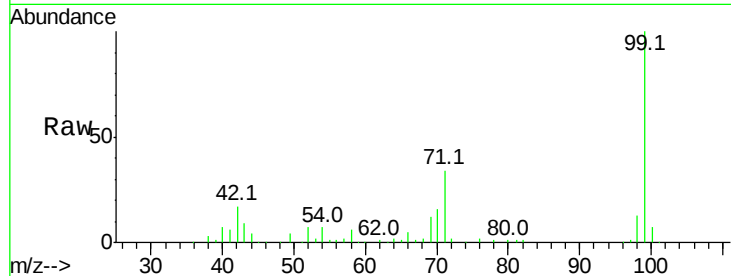
Tot Ion: 99 Resp: 186483

Ion Ratio Lower Upper

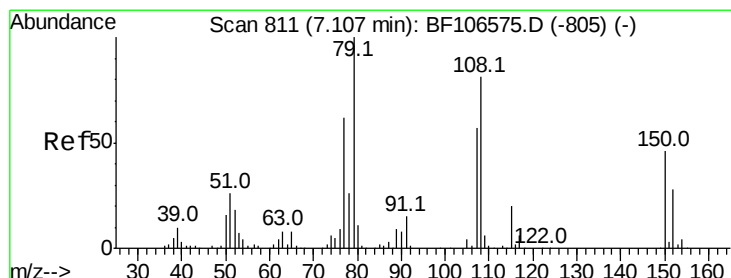
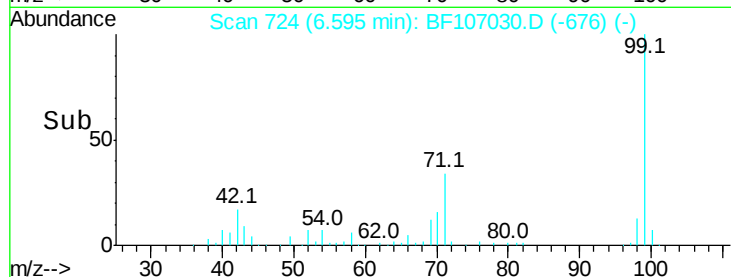
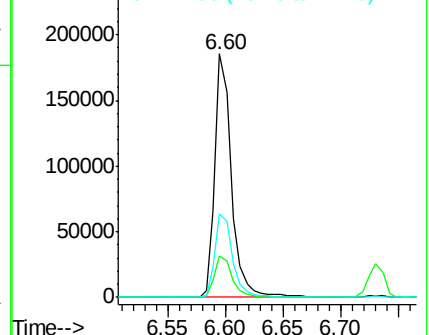
99 100

42 17.0 14.5 21.7

71 34.4 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



#15

Benzyl Alcohol

Concen: 1.456 ng

RT: 7.11 min Scan# 812

Delta R.T. 0.01 min

Lab File: BF107030.D

Acq: 30 Jun 2018 22:11

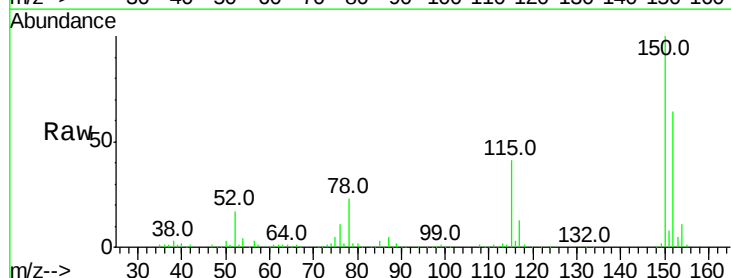
Tgt Ion: 79 Resp: 6115

Ion Ratio Lower Upper

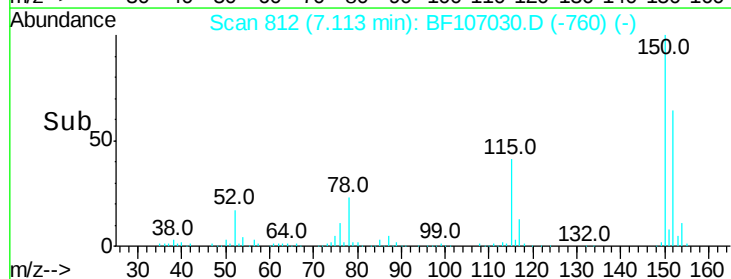
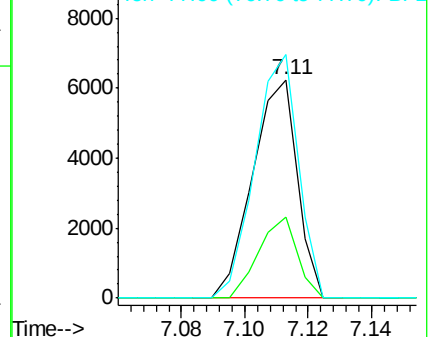
79 100

108 37.0 65.1 97.7#

77 111.5 50.6 75.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

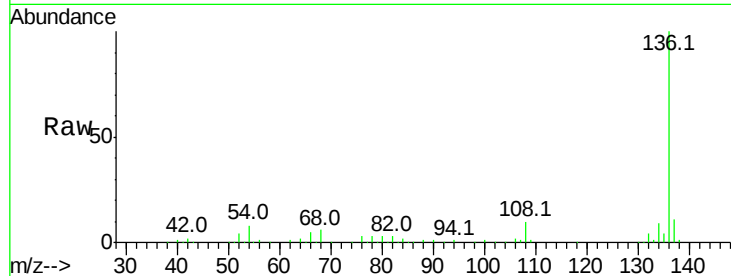




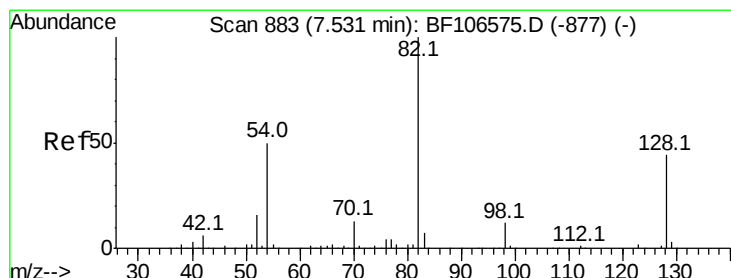
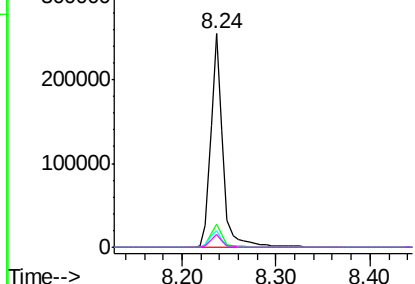
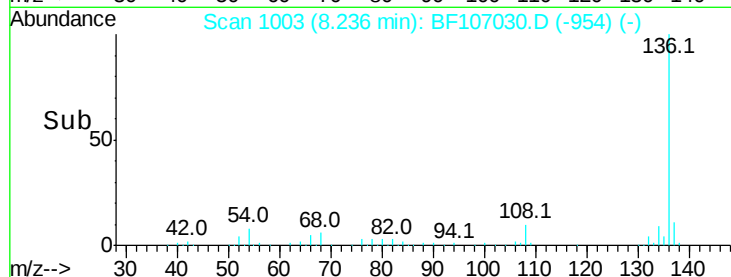
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF107030.D
Acq: 30 Jun 2018 22:11

Instrument :
BNA_F
ClientSampleId :
GMW-5

Tot Ion:	136	Resp:	232778
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.6	6.6	9.8
68	6.2	5.0	7.4

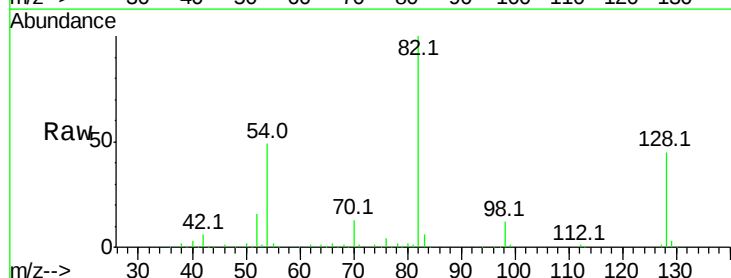


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

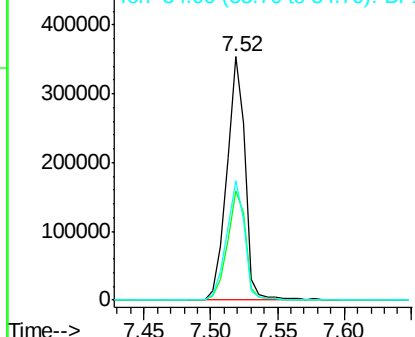
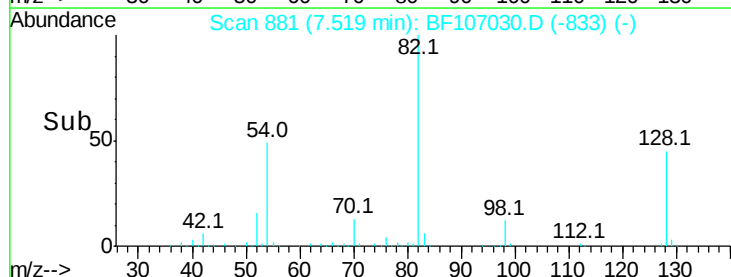


#23
Nitrobenzene-d5
Concen: 82.017 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF107030.D
Acq: 30 Jun 2018 22:11

Tgt Ion:	82	Resp:	343540
Ion	Ratio	Lower	Upper
82	100		
128	44.7	36.1	54.1
54	49.0	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

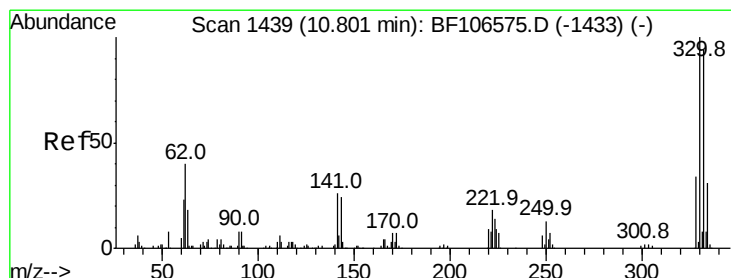
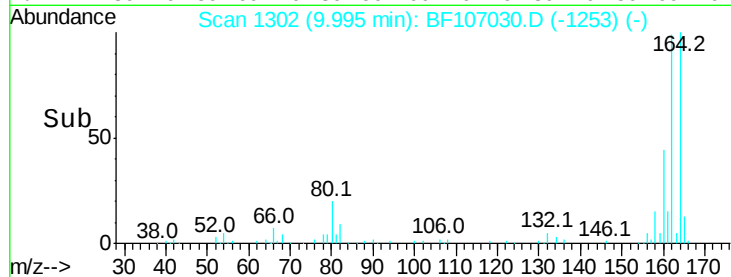
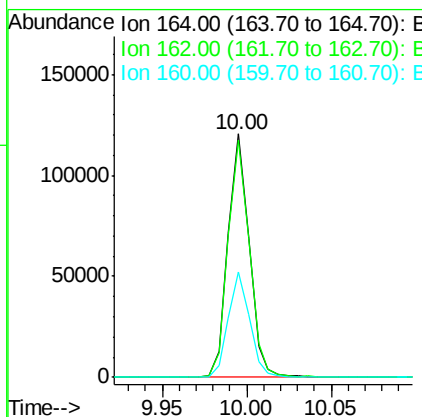
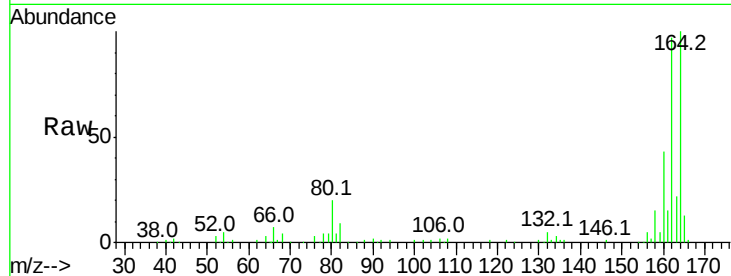




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF107030.D
Acq: 30 Jun 2018 22:11

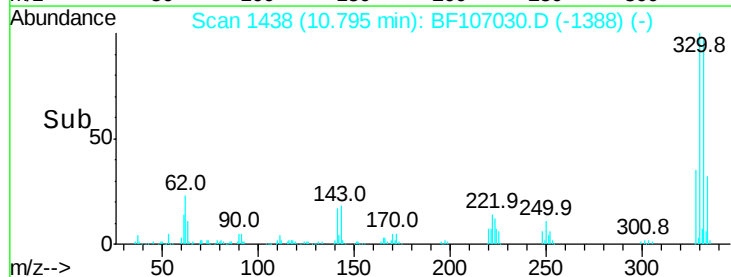
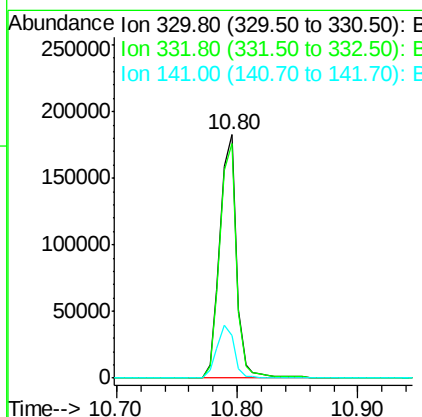
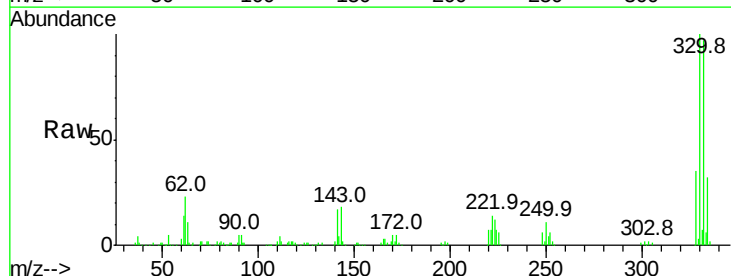
Instrument :
BNA_F
ClientSampleId :
GMW-5

Tot Ion:164 Resp: 105523
Ion Ratio Lower Upper
164 100
162 97.2 86.1 129.1
160 43.2 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 143.496 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF107030.D
Acq: 30 Jun 2018 22:11

Tgt Ion:330 Resp: 175501
Ion Ratio Lower Upper
330 100
332 97.1 77.0 115.6
141 22.5 29.9 44.9#



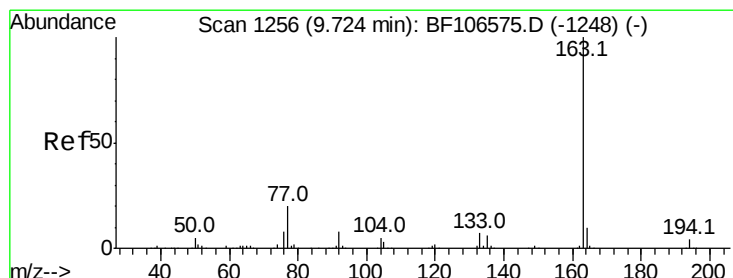
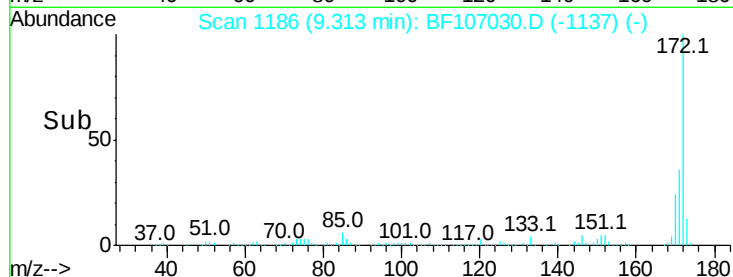
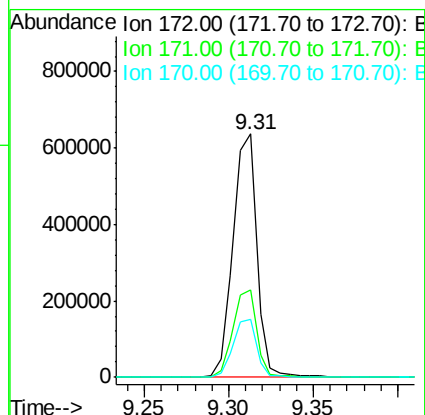
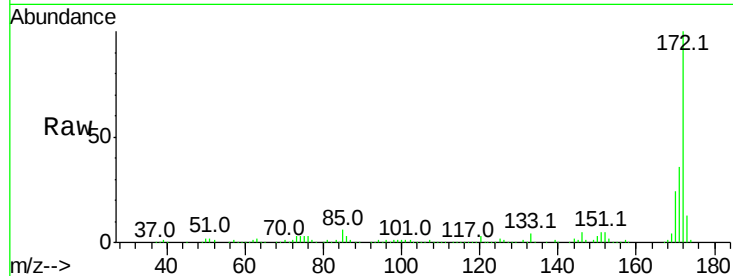


#44
 2-Fluorobiphenyl
 Concen: 103.627 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF107030.D
 Acq: 30 Jun 2018 22:11

Instrument :
 BNA_F
 ClientSampleId :
 GMW-5

Tot Ion:172 Resp: 625886

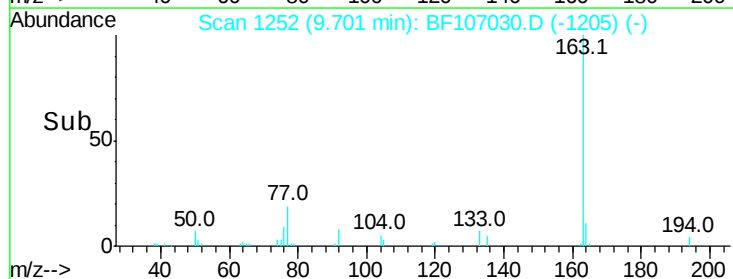
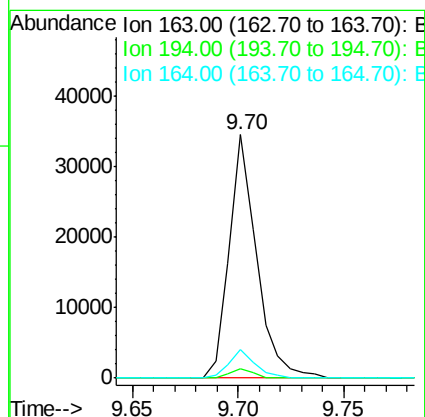
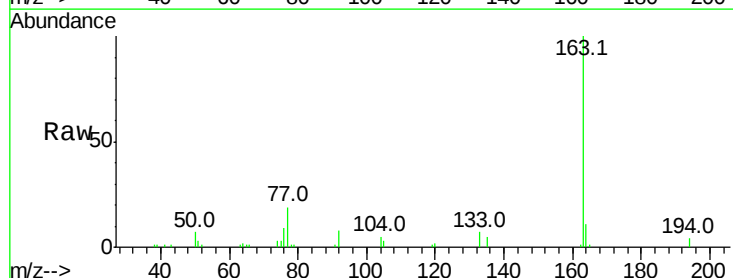
Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.1	19.6	29.4

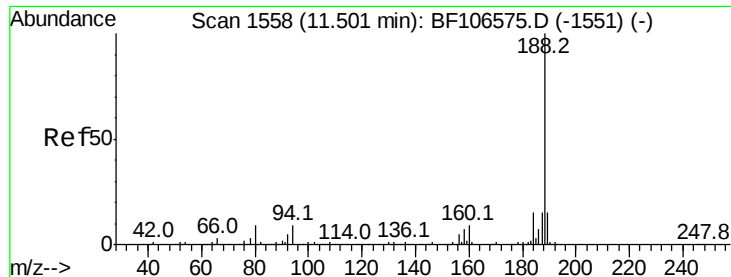


#49
 Dimethylphthalate
 Concen: 3.908 ng
 RT: 9.70 min Scan# 1252
 Delta R.T. -0.02 min
 Lab File: BF107030.D
 Acq: 30 Jun 2018 22:11

Tgt Ion:163 Resp: 30929

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	11.5	8.2	12.2





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.49 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF107030.D

Acq: 30 Jun 2018 22:11

Instrument :

BNA_F

ClientSampleId :

GMW-5

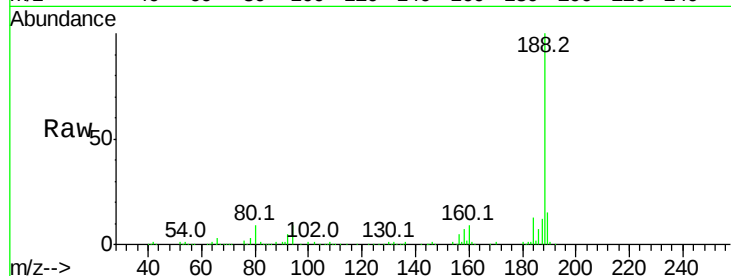
Tot Ion:188 Resp: 222250

Ion Ratio Lower Upper

188 100

94 8.5 8.5 12.7

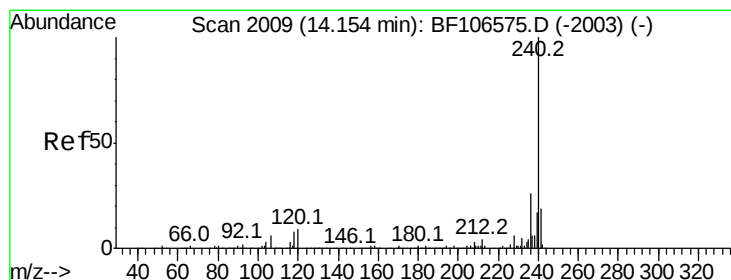
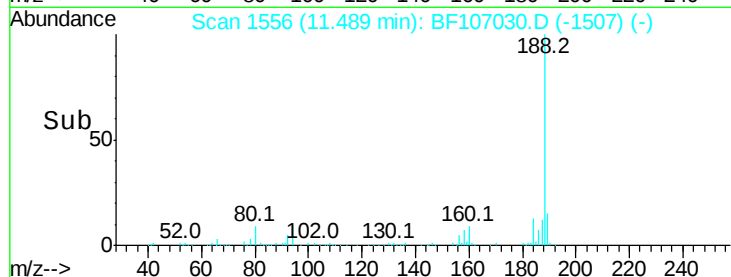
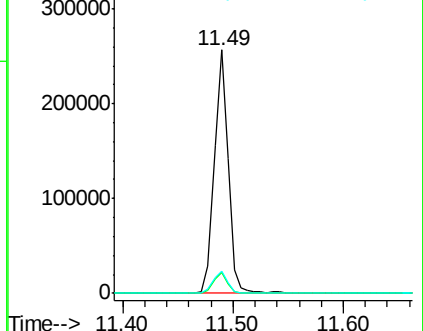
80 9.2 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BF107030.D

Acq: 30 Jun 2018 22:11

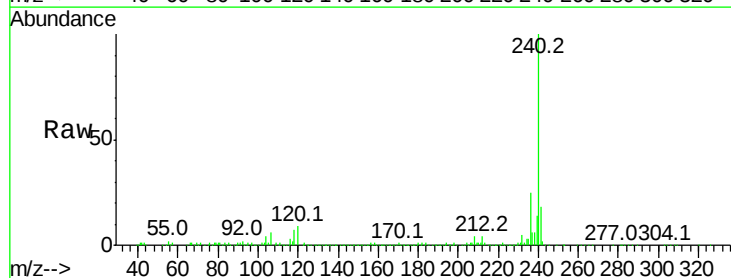
Tgt Ion:240 Resp: 183967

Ion Ratio Lower Upper

240 100

120 9.1 9.5 14.3#

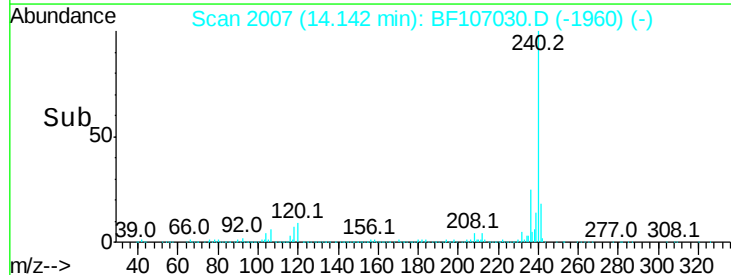
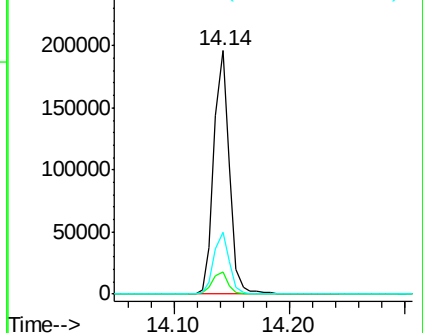
236 25.4 20.7 31.1

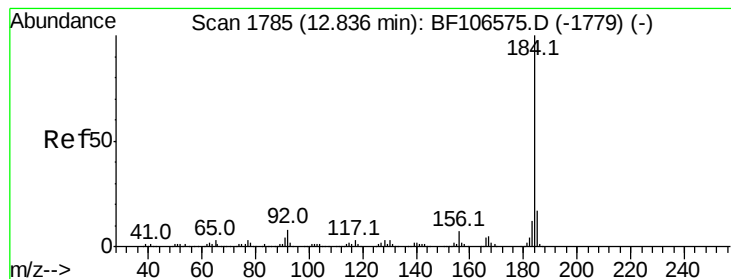


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 1.666 ng

RT: 13.08 min Scan# 1826

Delta R.T. 0.24 min

Lab File: BF107030.D

Acq: 30 Jun 2018 22:11

Instrument :

BNA_F

ClientSampleId :

GMW-5

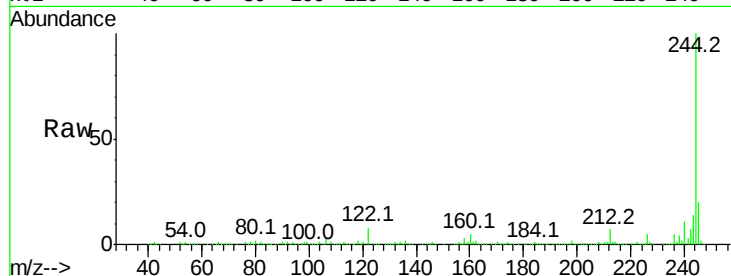
Tot Ion:184 Resp: 8731

Ion Ratio Lower Upper

184 100

185 15.3 12.6 18.8

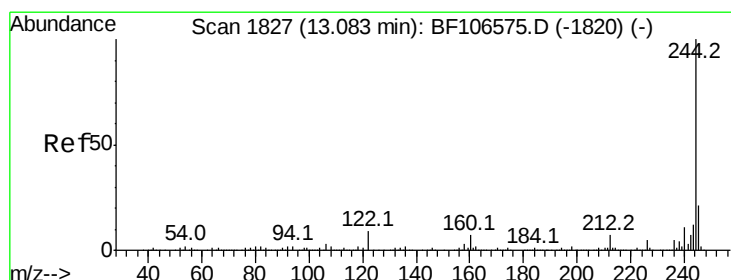
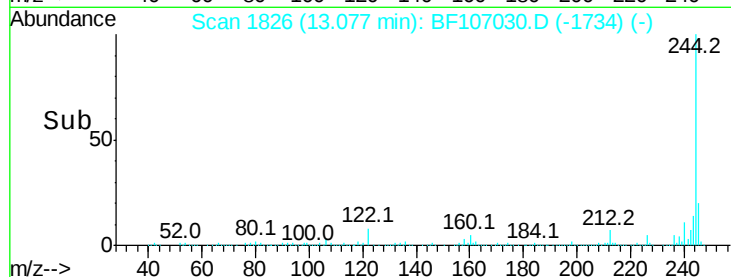
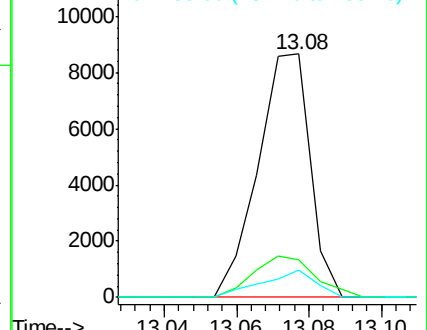
183 11.2 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 106.650 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF107030.D

Acq: 30 Jun 2018 22:11

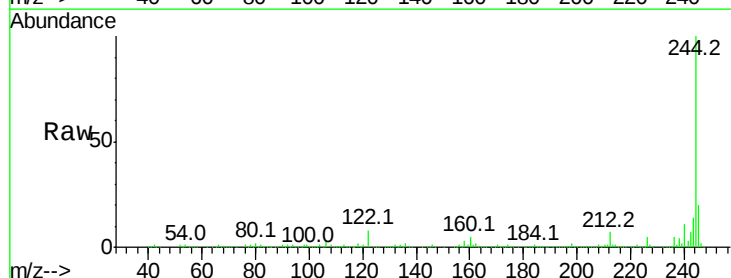
Tgt Ion:244 Resp: 809980

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

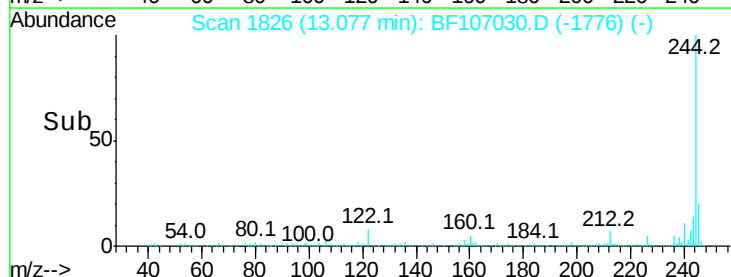
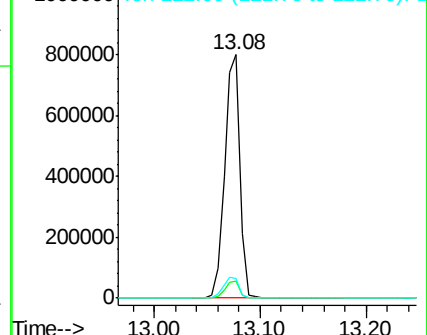
122 8.1 11.0 16.4#

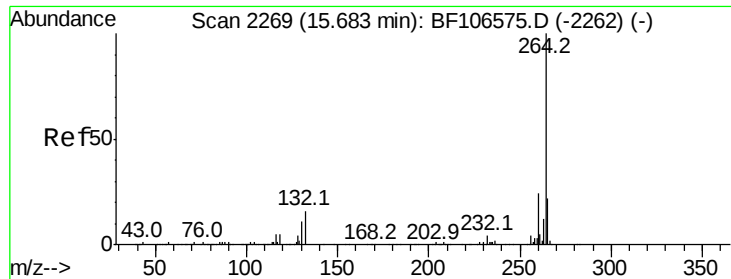


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.68 min Scan# 2268
Delta R.T. -0.04 min
Lab File: BF107030.D
Acq: 30 Jun 2018 22:11

Instrument :
BNA_F
ClientSampleId :
GMW-5

Tot Ion:264 Resp: 132642
Ion Ratio Lower Upper
264 100
260 24.0 19.2 28.8
265 22.0 17.5 26.3

