

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062918\
 Data File : BF106996.D
 Acq On : 30 Jun 2018 1:59
 Operator : JU/SJ
 Sample : J3691-06
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-2EC

Quant Time: Jun 30 04:40:38 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

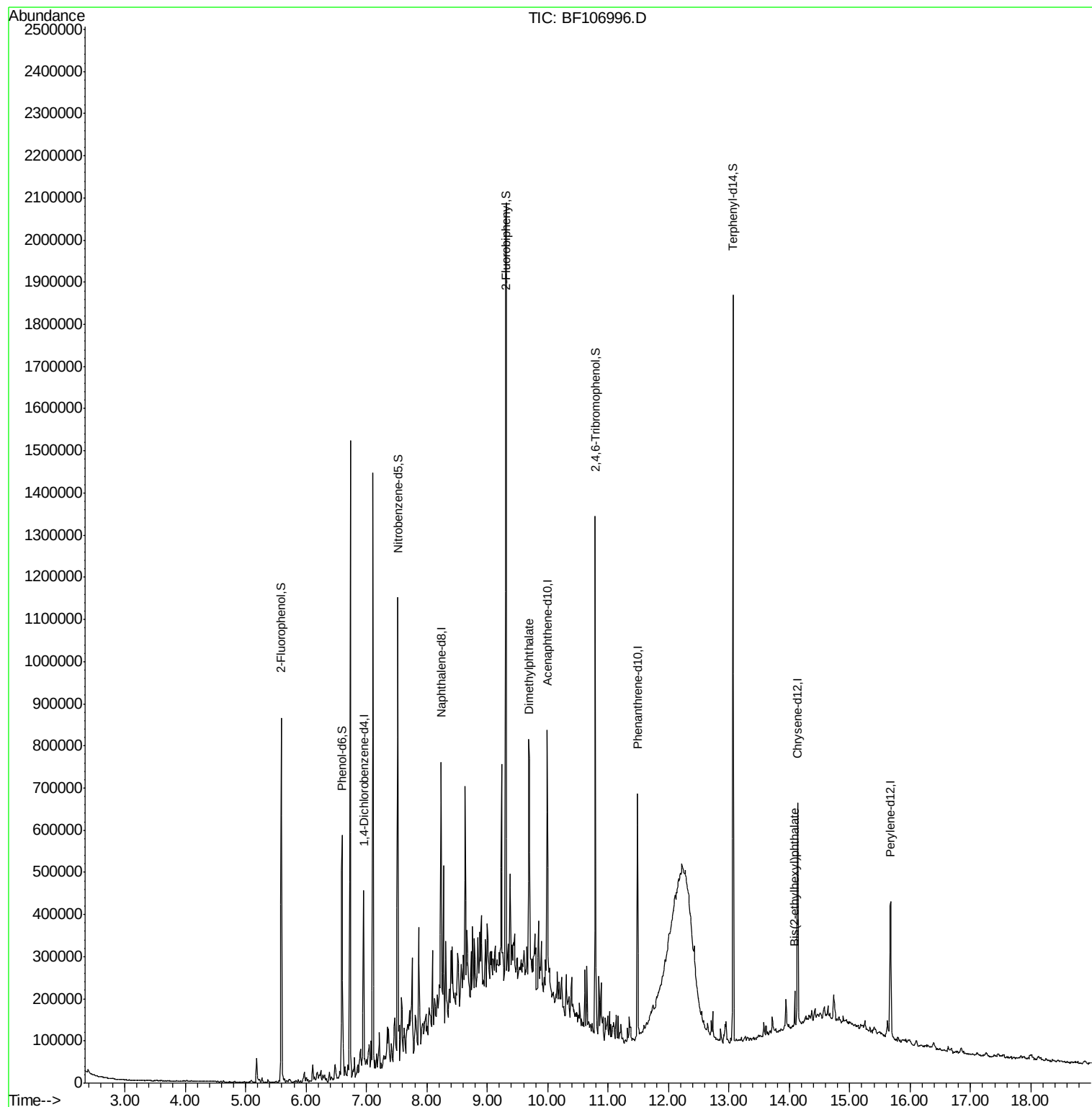
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	66411	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	242927	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	119952	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	224106	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	197526	20.00	ng	-0.03
86) Perylene-d12	15.68	264	174089	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	239861	61.16	ng	-0.01
7) Phenol-d6	6.60	99	192589	39.32	ng	-0.02
23) Nitrobenzene-d5	7.52	82	350537	80.19	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	192426	138.41	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	678562	98.01	ng	-0.01
78) Terphenyl-d14	13.07	244	644349	79.02	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.70	163	64642	7.185	ng	# 97
83) Bis(2-ethylhexyl)phthalate	14.09	149	21932	3.203	ng	# 95

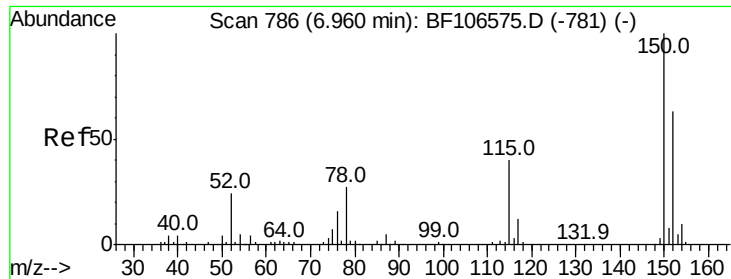
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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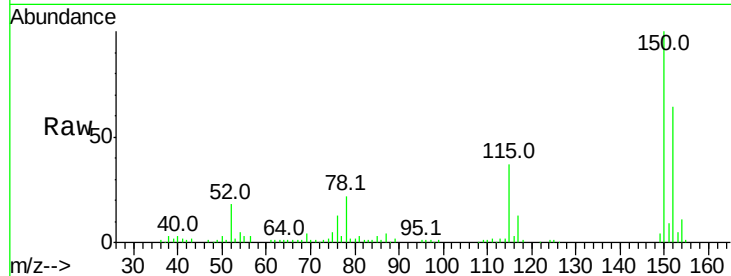


#1

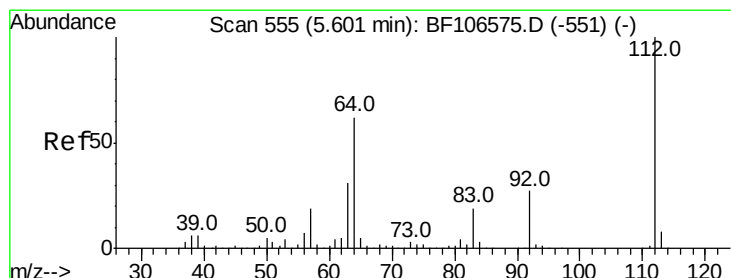
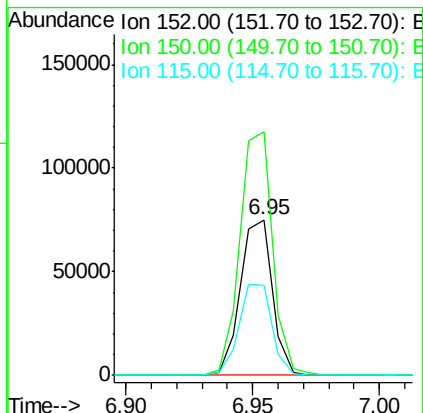
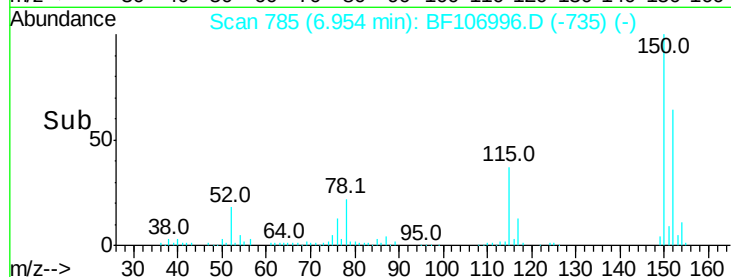
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF106996.D
 Acq: 30 Jun 2018 1:59

Instrument :
 BNA_F
 ClientSampleId :
 W-2EC

Tot Ion:152 Resp: 66411
 Ion Ratio Lower Upper
 152 100
 150 156.4 124.6 186.8
 115 57.6 50.1 75.1



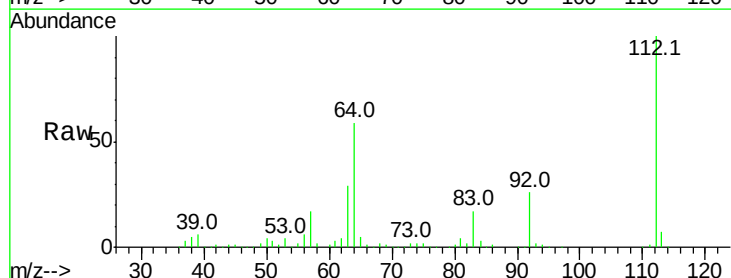
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



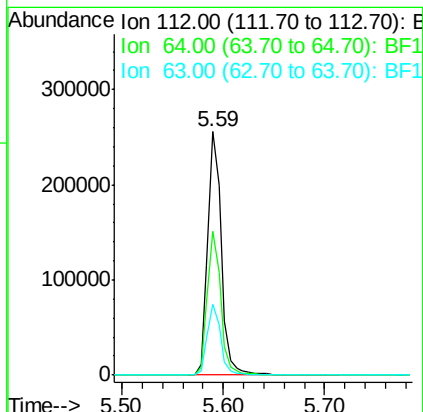
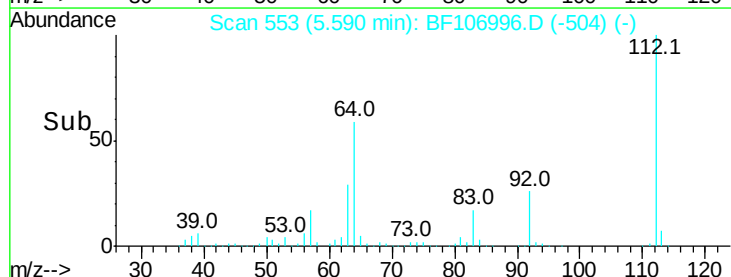
#5

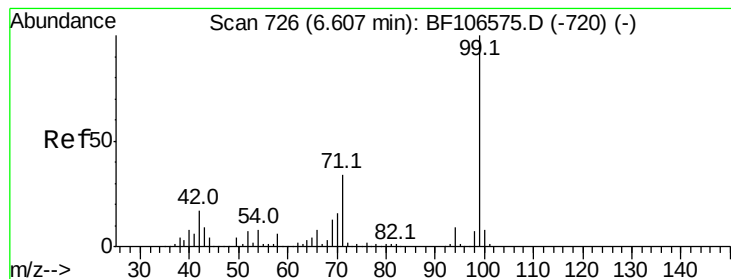
2-Fluorophenol
 Concen: 61.159 ng
 RT: 5.59 min Scan# 553
 Delta R.T. -0.01 min
 Lab File: BF106996.D
 Acq: 30 Jun 2018 1:59

Tgt Ion:112 Resp: 239861
 Ion Ratio Lower Upper
 112 100
 64 59.1 47.9 71.9
 63 29.1 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: 39.322 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF106996.D

Acq: 30 Jun 2018 1:59

Instrument :

BNA_F

ClientSampled :

W-2EC

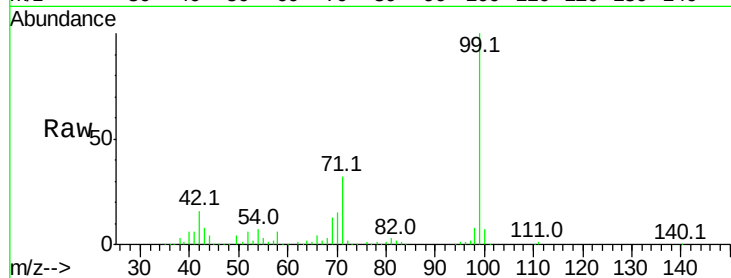
Tot Ion: 99 Resp: 192589

Ion Ratio Lower Upper

99 100

42 15.9 14.5 21.7

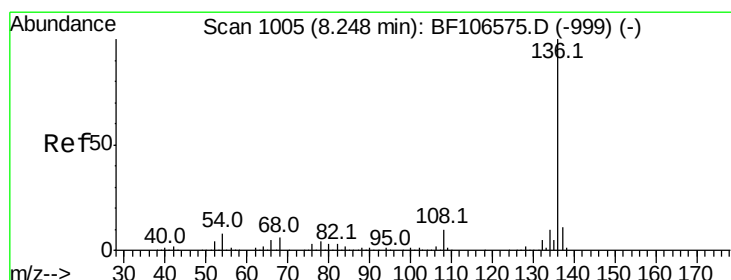
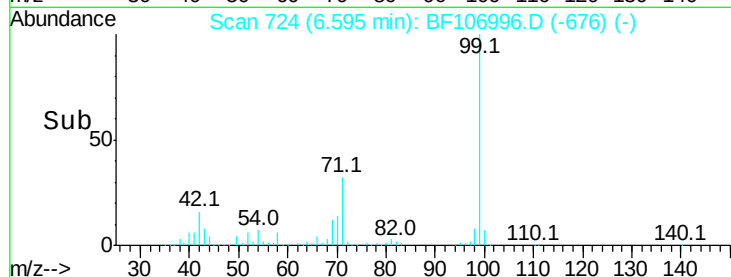
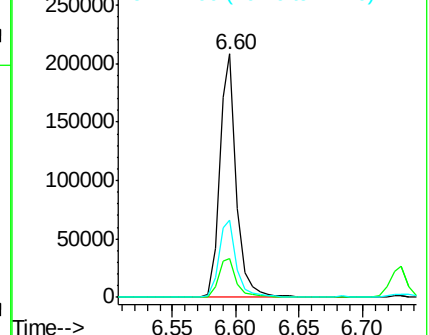
71 32.0 25.4 38.0



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: BF106996.D

Acq: 30 Jun 2018 1:59

Tgt Ion:136 Resp: 242927

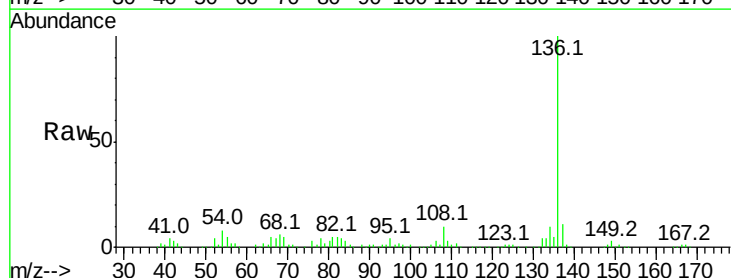
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 7.8 6.6 9.8

68 6.4 5.0 7.4

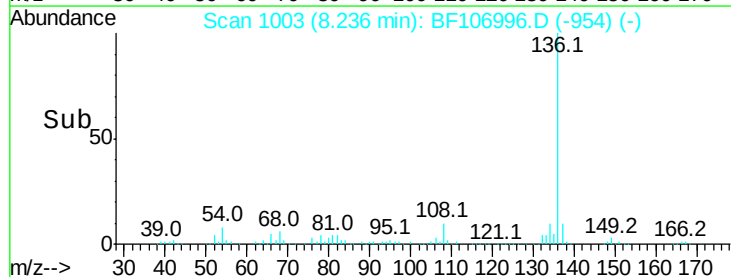
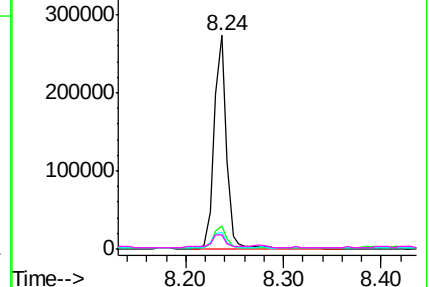


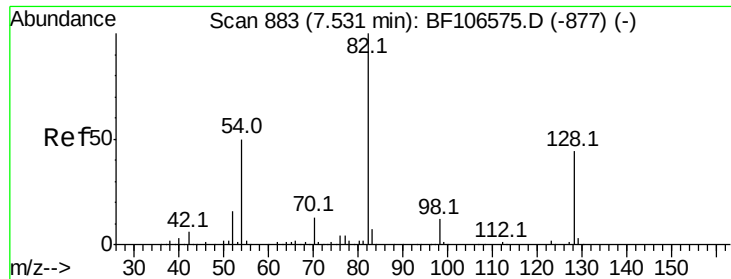
Abundance Ion 136.00 (135.70 to 136.70): E

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

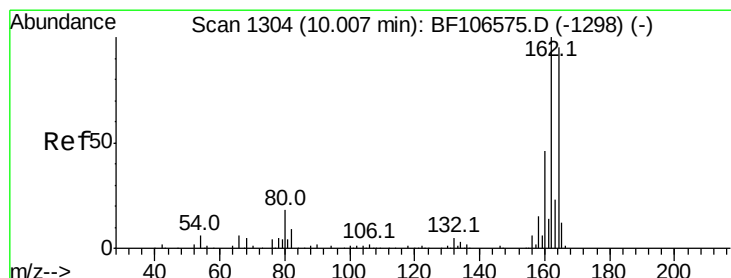
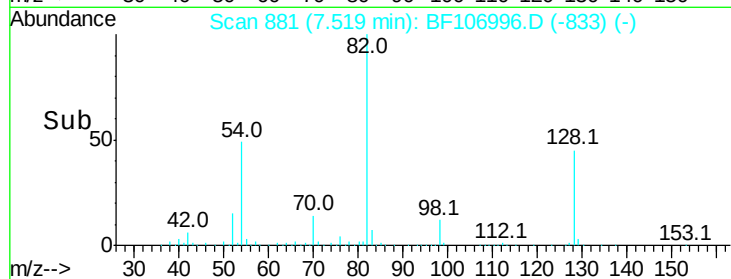
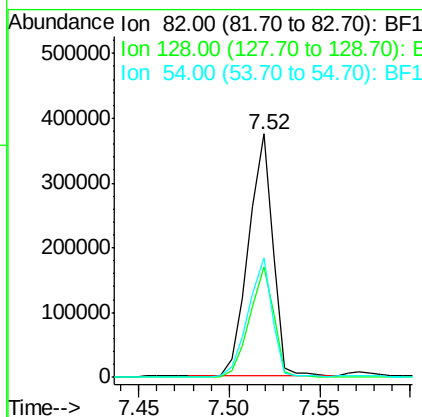
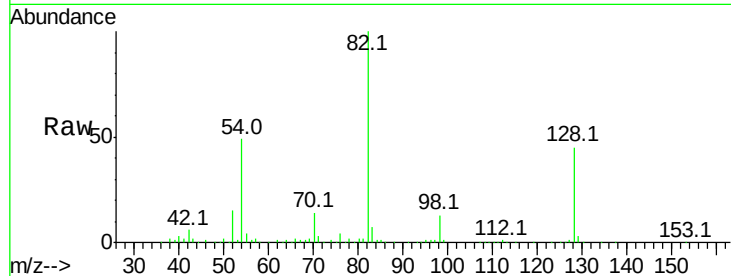




#23
 Nitrobenzene-d5
 Concen: 80.191 ng
 RT: 7.52 min Scan# 881
 Delta R.T. -0.02 min
 Lab File: BF106996.D
 Acq: 30 Jun 2018 1:59

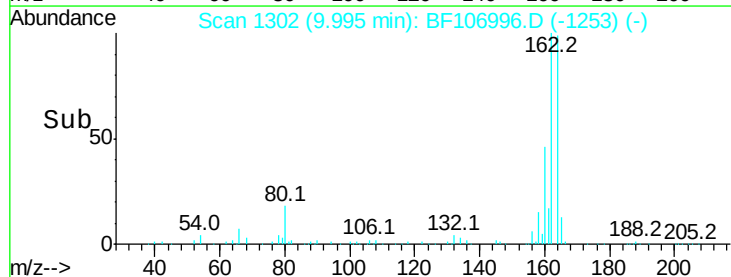
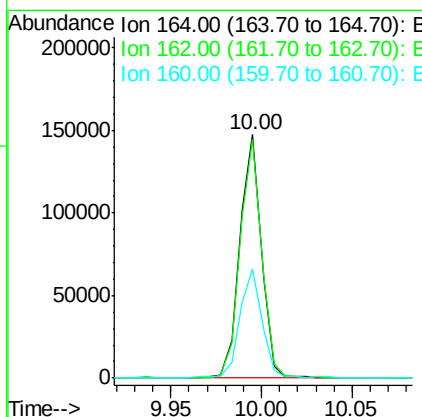
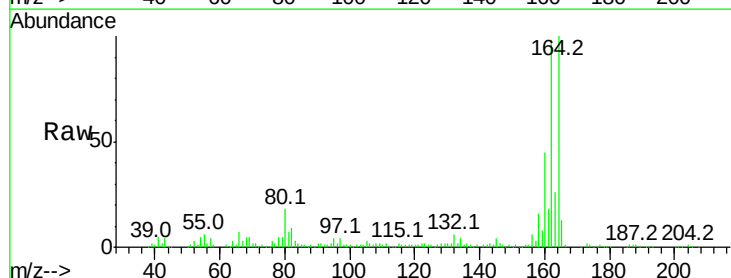
Instrument :
 BNA_F
 ClientSampled :
 W-2EC

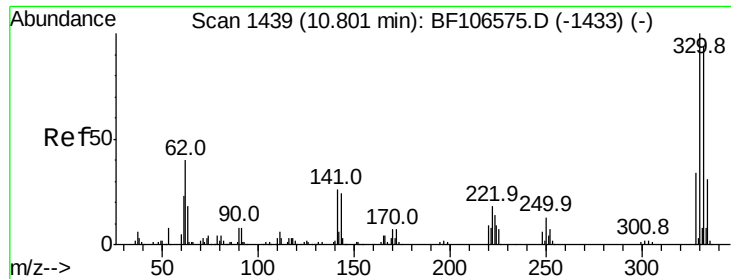
Tot Ion	Ratio	Lower	Upper
82	100		
128	45.2	36.1	54.1
54	48.9	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF106996.D
 Acq: 30 Jun 2018 1:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.1	86.1	129.1
160	45.1	38.3	57.5

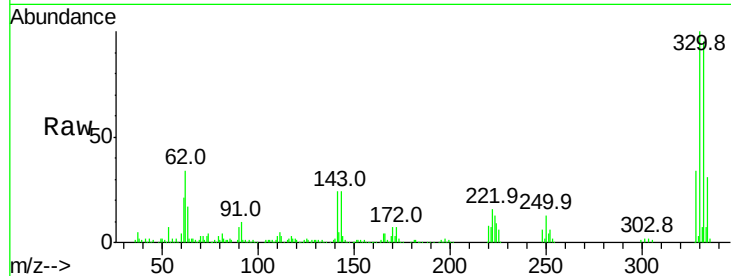




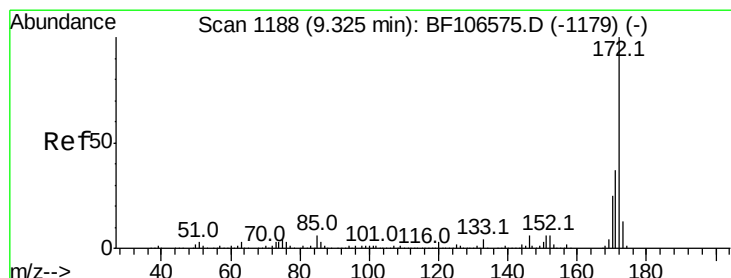
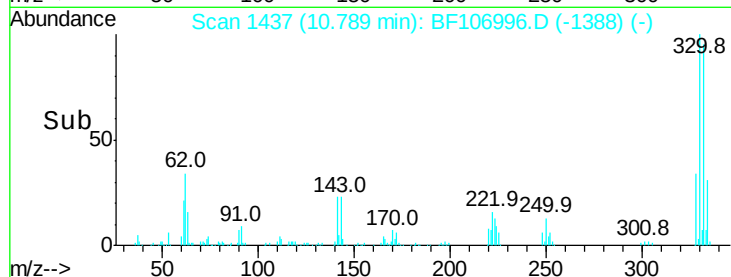
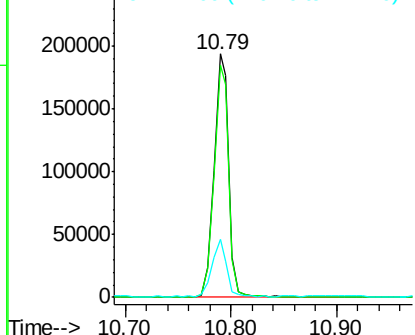
#41
 2,4,6-Tribromophenol
 Concen: 138.408 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF106996.D
 Acq: 30 Jun 2018 1:59

Instrument :
 BNA_F
 ClientSampled :
 W-2EC

Tot Ion:330 Resp: 192426
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.0 115.6
 141 22.3 29.9 44.9#

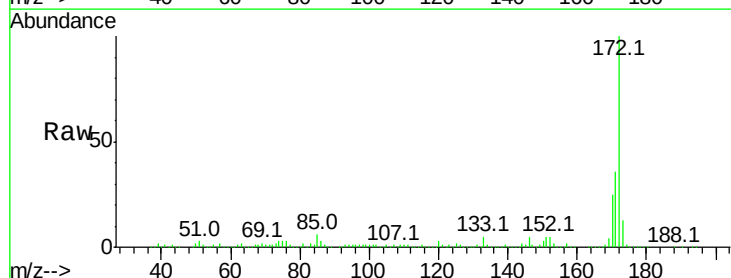


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

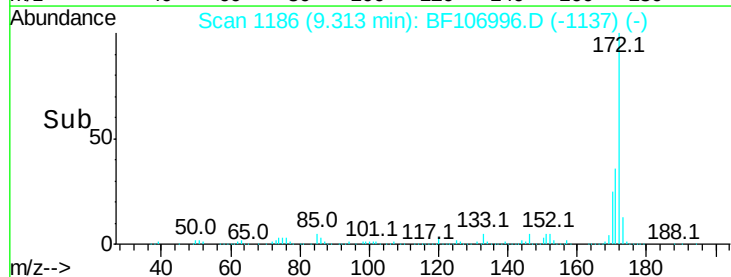
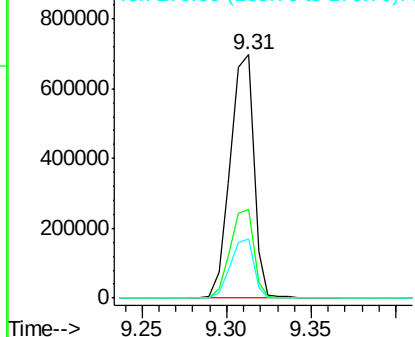


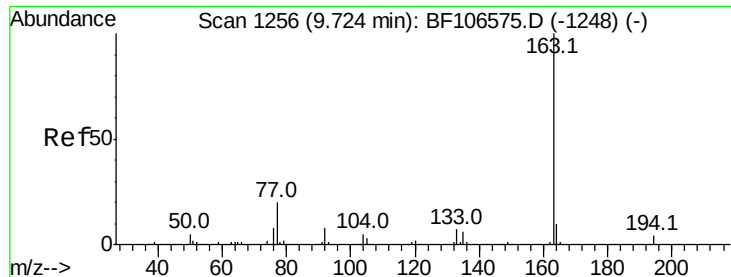
#44
 2-Fluorobiphenyl
 Concen: 98.008 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF106996.D
 Acq: 30 Jun 2018 1:59

Tgt Ion:172 Resp: 678562
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 24.5 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: 7.185 ng

RT: 9.70 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BF106996.D

Acq: 30 Jun 2018 1:59

Instrument :

BNA_F

ClientSampleId :

W-2EC

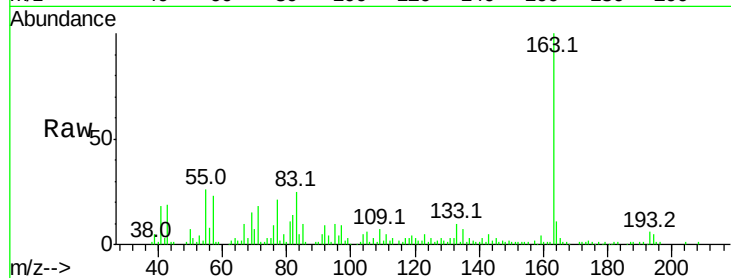
Tot Ion:163 Resp: 64642

Ion Ratio Lower Upper

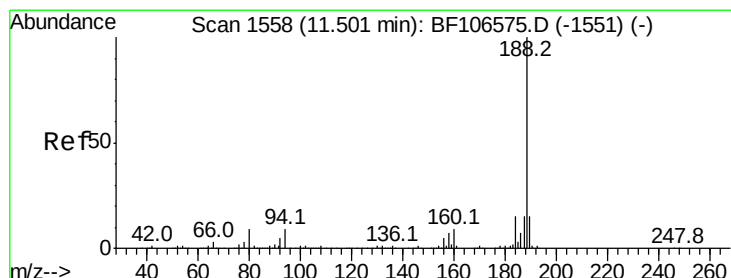
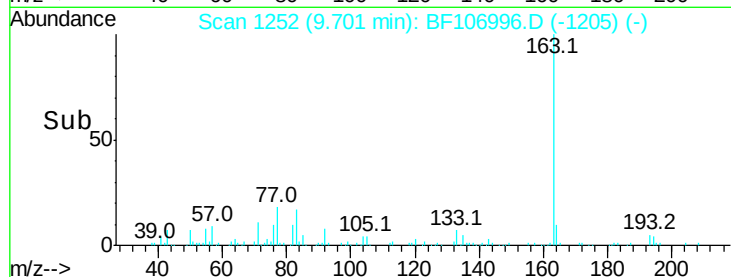
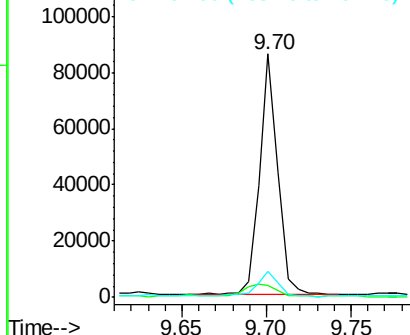
163 100

194 4.8 2.7 4.1#

164 10.9 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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.49 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF106996.D

Acq: 30 Jun 2018 1:59

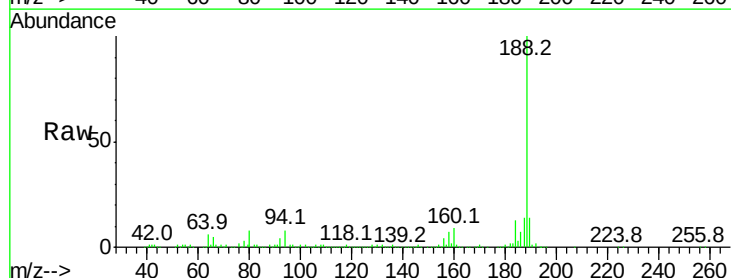
Tgt Ion:188 Resp: 224106

Ion Ratio Lower Upper

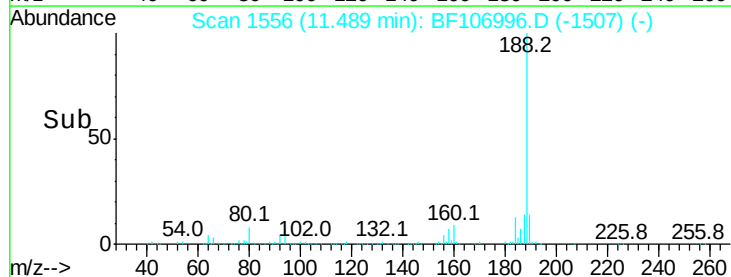
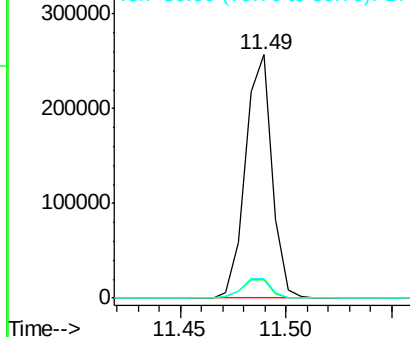
188 100

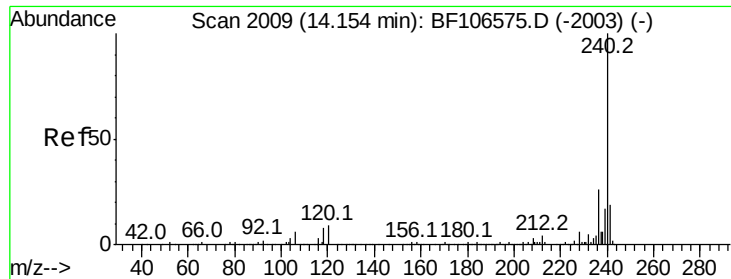
94 7.5 8.5 12.7#

80 8.0 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# 2006

Delta R.T. -0.03 min

Lab File: BF106996.D

Acq: 30 Jun 2018 1:59

Instrument :

BNA_F

ClientSampled :

W-2EC

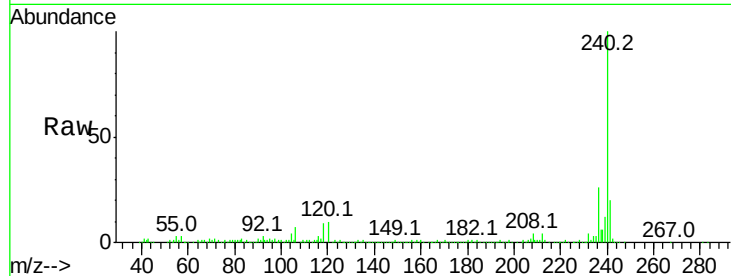
Tot Ion:240 Resp: 197526

Ion Ratio Lower Upper

240 100

120 10.1 9.5 14.3

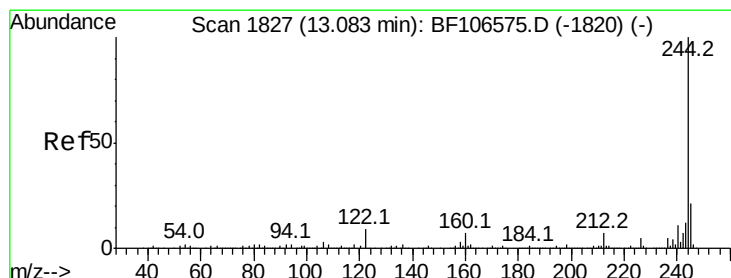
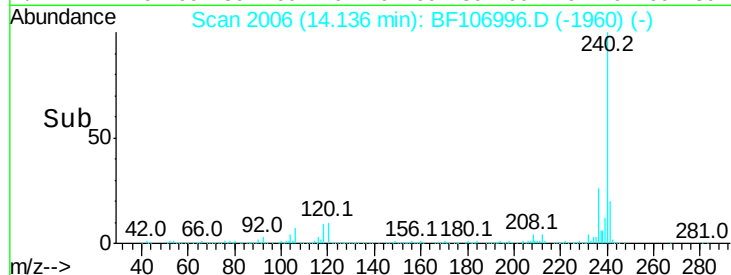
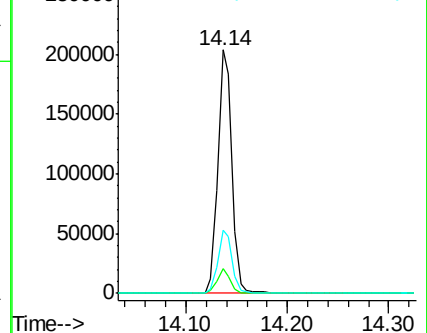
236 26.1 20.7 31.1



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: 79.018 ng

RT: 13.07 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF106996.D

Acq: 30 Jun 2018 1:59

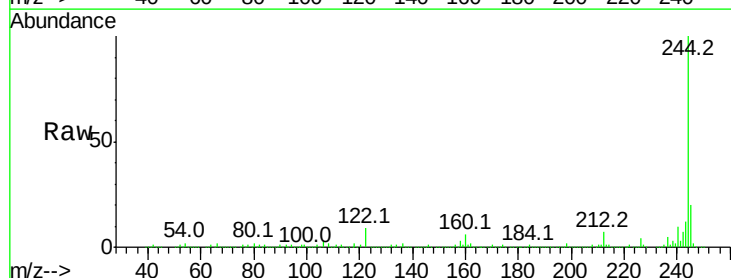
Tgt Ion:244 Resp: 644349

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

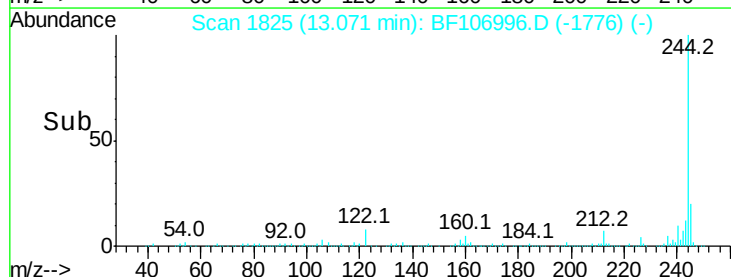
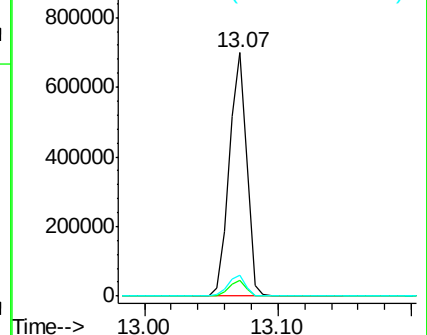
122 8.5 11.0 16.4#

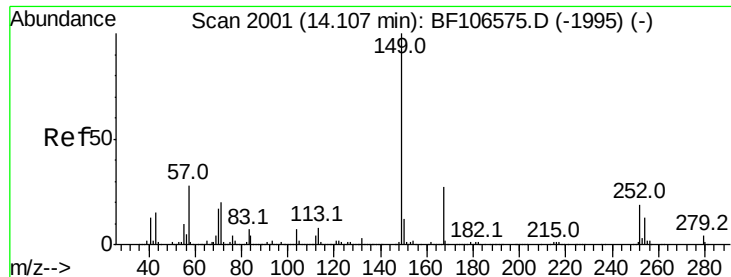


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 3.203 ng

RT: 14.09 min Scan# 1998

Delta R.T. -0.02 min

Lab File: BF106996.D

Acq: 30 Jun 2018 1:59

Instrument :

BNA_F

ClientSampleId :

W-2EC

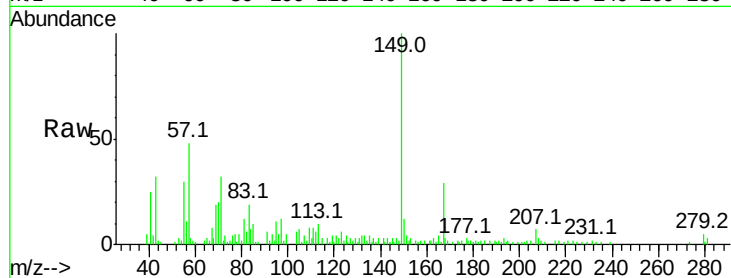
Tot Ion:149 Resp: 21932

Ion Ratio Lower Upper

149 100

167 29.1 21.3 31.9

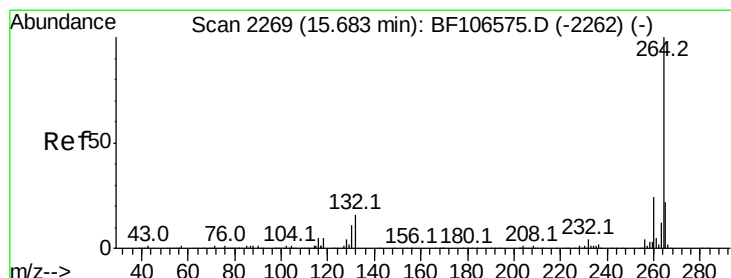
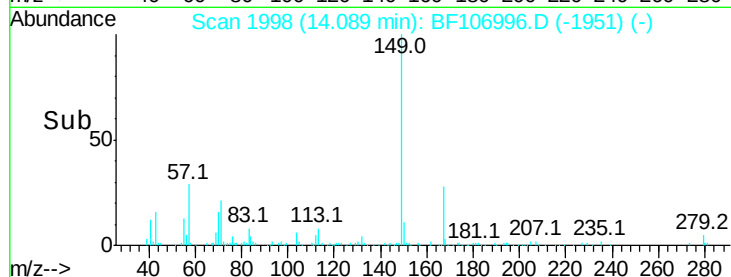
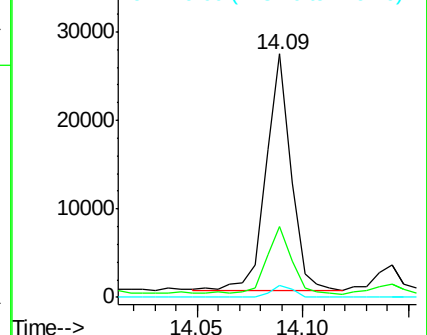
279 5.1 3.0 4.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.68 min Scan# 2268

Delta R.T. -0.04 min

Lab File: BF106996.D

Acq: 30 Jun 2018 1:59

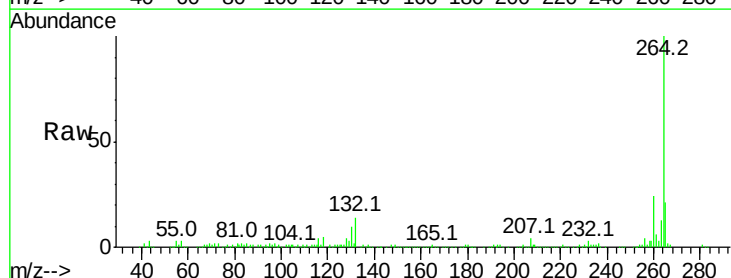
Tgt Ion:264 Resp: 174089

Ion Ratio Lower Upper

264 100

260 23.7 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

