

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
 Data File : BF106316.D
 Acq On : 12 Jun 2018 00:55
 Operator : JU/SJ
 Sample : J3354-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CAS1-SB-02-03-1-27

Quant Time: Jun 12 04:41:11 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 11 15:00:22 2018
 Response via : Initial Calibration

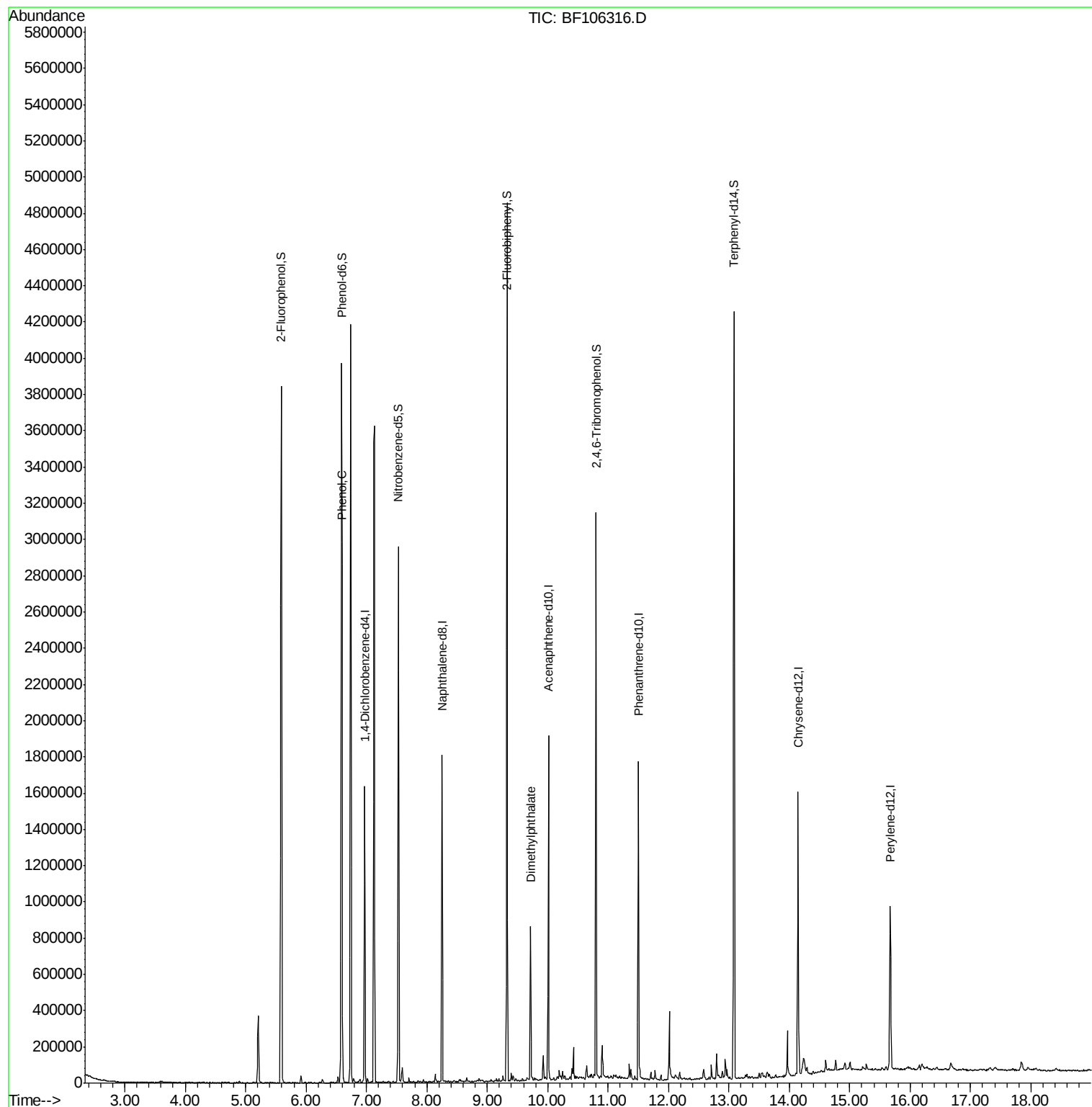
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	206838	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	761841	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	339518	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	572806	20.00	ng	0.00
75) Chrysene-d12	14.14	240	514098	20.00	ng	-0.02
86) Perylene-d12	15.67	264	414253	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1213863	99.33	ng	0.01
7) Phenol-d6	6.59	99	1525298	98.79	ng	0.00
23) Nitrobenzene-d5	7.53	82	995199	76.85	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	388299	118.86	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1556921	79.88	ng	0.00
78) Terphenyl-d14	13.08	244	1494620	72.21	ng	0.00
Target Compounds						
10) Phenol	6.60	94	47352	2.809	ng	99
49) Dimethylphthalate	9.72	163	307758	12.688	ng	99

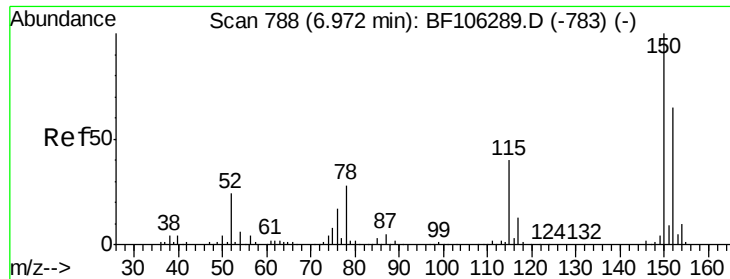
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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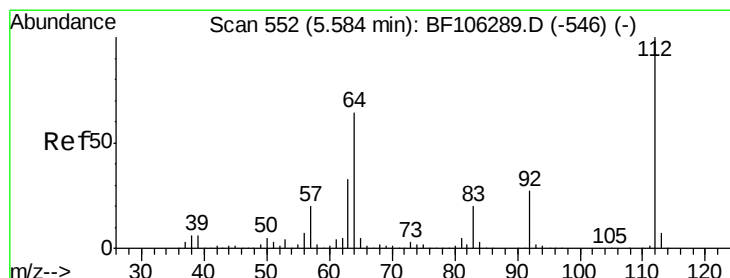
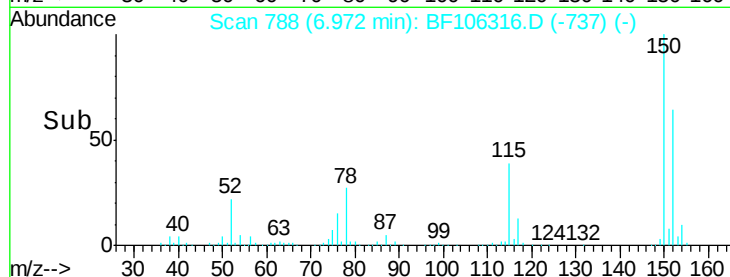
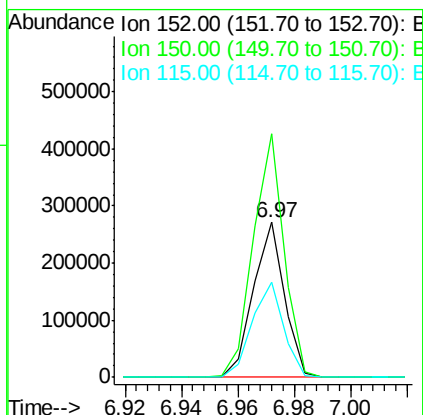
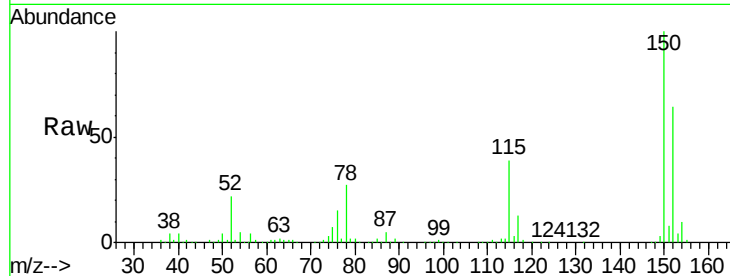


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF106316.D
Acq: 12 Jun 2018 00:55

Instrument :
BNA_F
ClientSampleId :
CAS1-SB-02-03-1-27

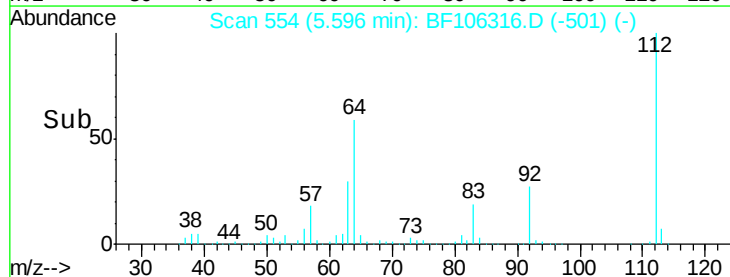
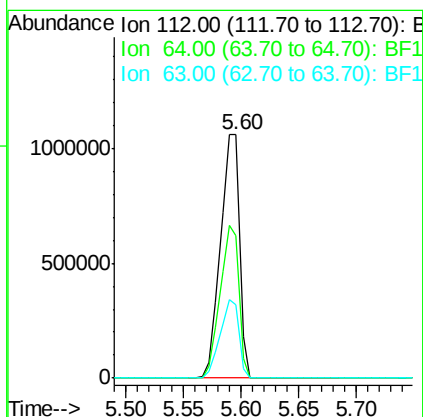
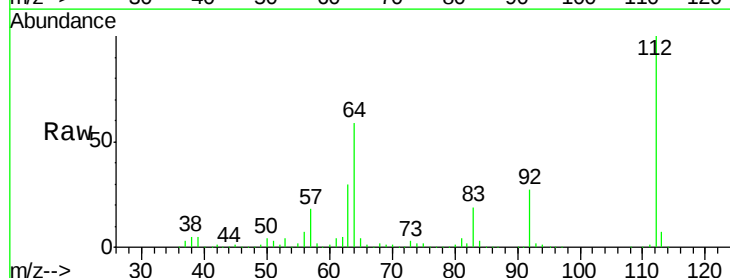
Tot Ion:152 Resp: 206838
Ion Ratio Lower Upper
152 100
150 156.9 124.6 186.8
115 61.7 50.1 75.1

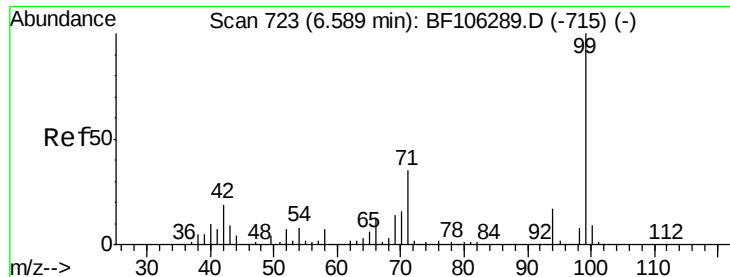


#5

2-Fluorophenol
Concen: 99.327 ng
RT: 5.60 min Scan# 554
Delta R.T. 0.01 min
Lab File: BF106316.D
Acq: 12 Jun 2018 00:55

Tgt Ion:112 Resp: 1213863
Ion Ratio Lower Upper
112 100
64 58.6 47.9 71.9
63 30.4 23.7 35.5





#7

Phenol-d6

Concen: 98.789 ng

RT: 6.59 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF106316.D

Acq: 12 Jun 2018 00:55

Instrument :

BNA_F

ClientSampleId :

CAS1-SB-02-03-1-27

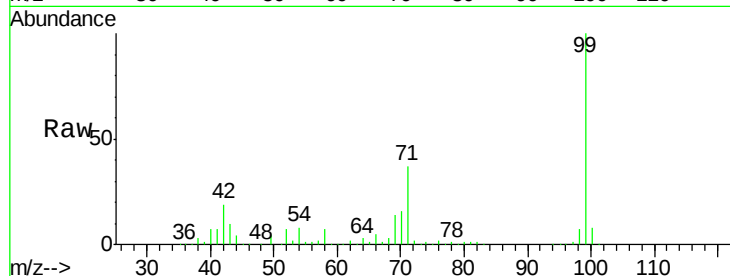
Tot Ion: 99 Resp: 1525298

Ion Ratio Lower Upper

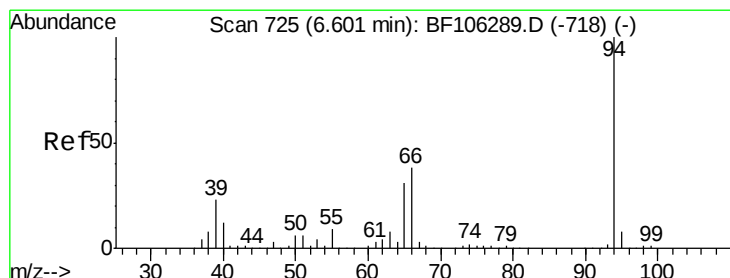
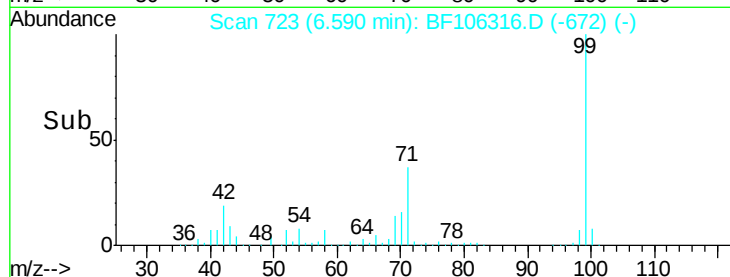
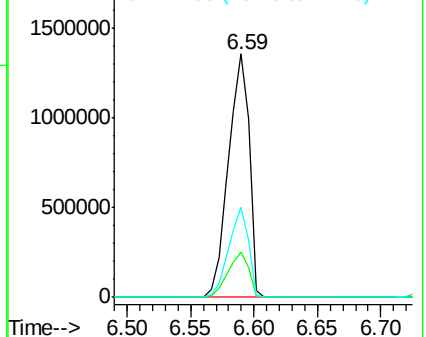
99 100

42 18.7 14.5 21.7

71 37.1 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



#10

Phenol

Concen: 2.809 ng

RT: 6.60 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF106316.D

Acq: 12 Jun 2018 00:55

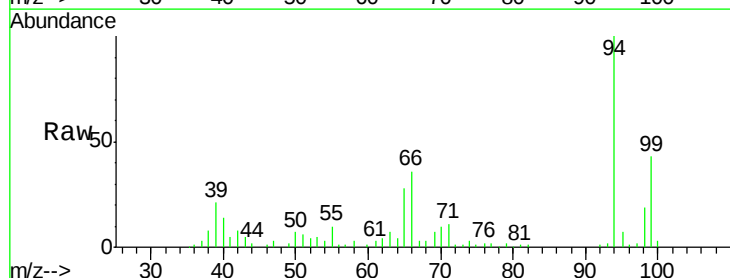
Tgt Ion: 94 Resp: 47352

Ion Ratio Lower Upper

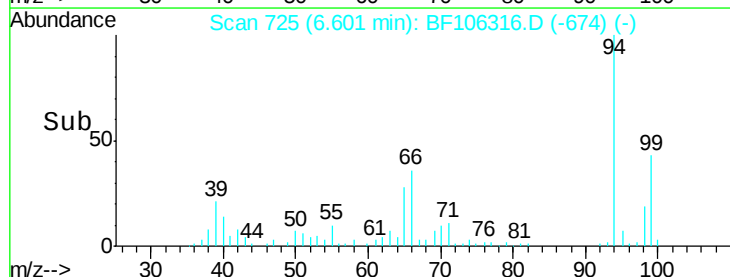
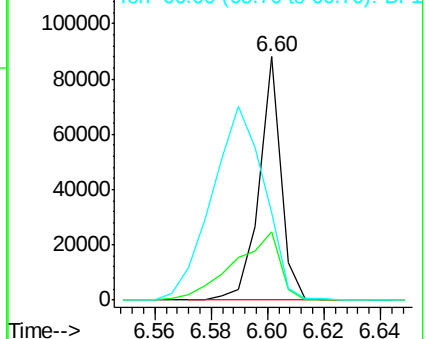
94 100

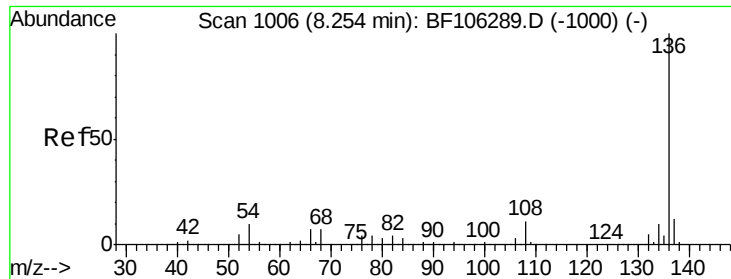
65 28.2 7.9 47.9

66 35.9 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

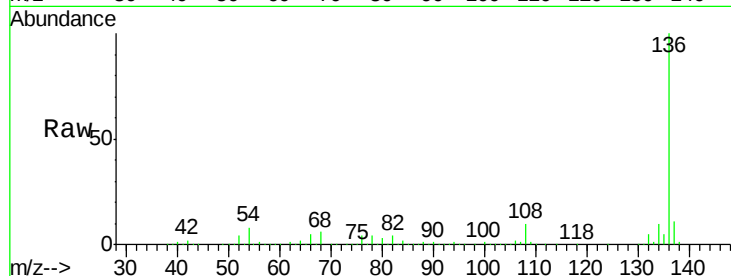




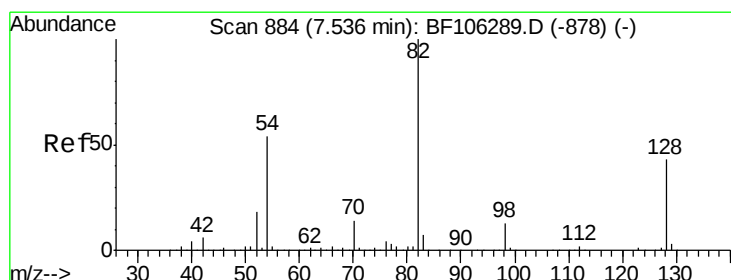
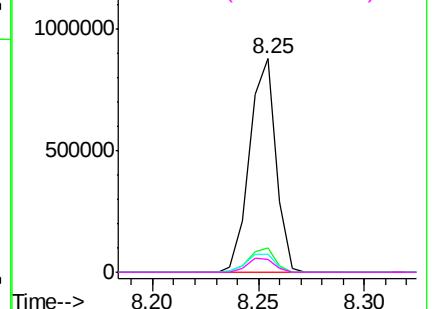
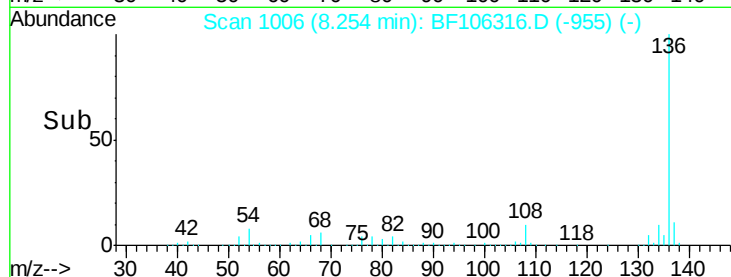
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BF106316.D
Acq: 12 Jun 2018 00:55

Instrument :
BNA_F
ClientSampleId :
CAS1-SB-02-03-1-27

Tot Ion:136	Resp:	761841
Ion Ratio	Lower	Upper
136	100	
137	11.4	8.9 13.3
54	8.2	6.6 9.8
68	6.2	5.0 7.4

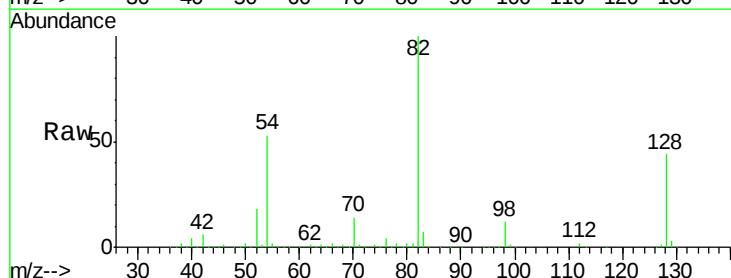


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

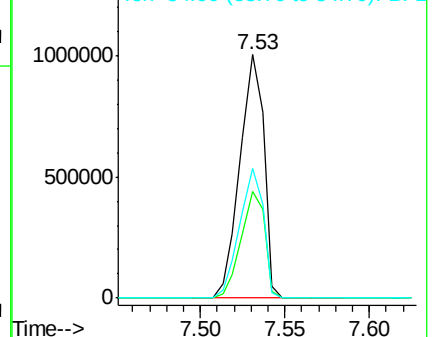
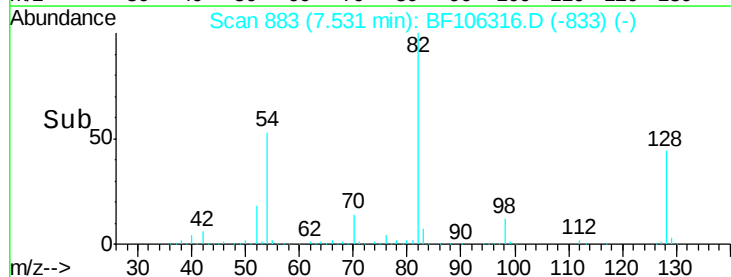


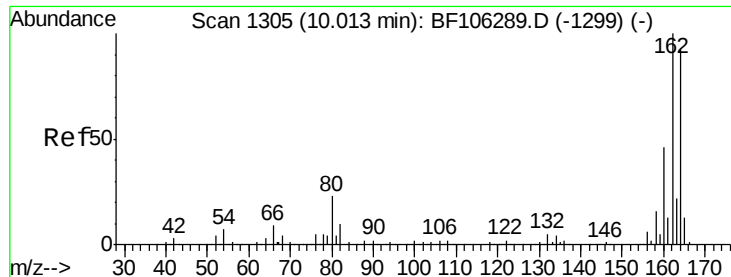
#23
Nitrobenzene-d5
Concen: 76.848 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF106316.D
Acq: 12 Jun 2018 00:55

Tgt Ion: 82	Resp:	995199
Ion Ratio	Lower	Upper
82	100	
128	43.6	36.1 54.1
54	53.0	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: 10.01 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF106316.D

Acq: 12 Jun 2018 00:55

Instrument :

BNA_F

ClientSampleId :

CAS1-SB-02-03-1-27

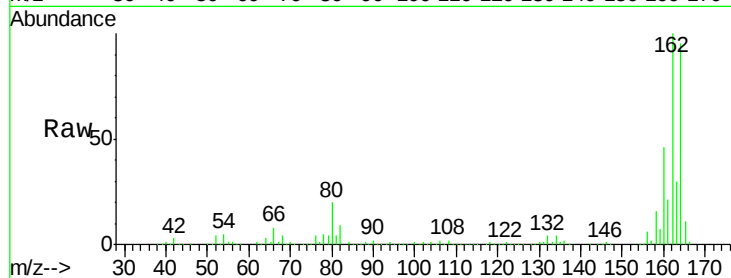
Tot Ion:164 Resp: 339518

Ion Ratio Lower Upper

164 100

162 105.2 86.1 129.1

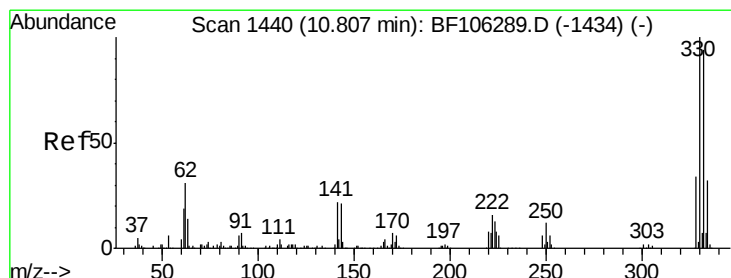
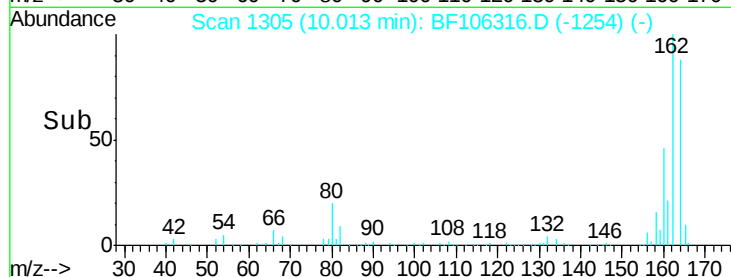
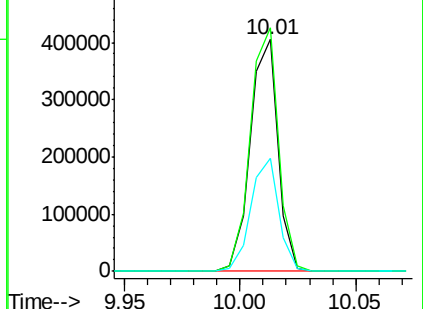
160 48.6 38.3 57.5



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: 118.864 ng

RT: 10.80 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF106316.D

Acq: 12 Jun 2018 00:55

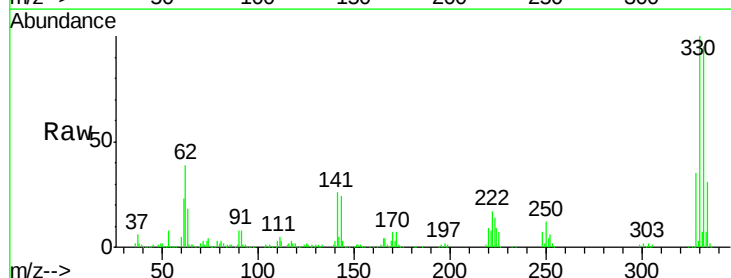
Tgt Ion:330 Resp: 388299

Ion Ratio Lower Upper

330 100

332 94.3 77.0 115.6

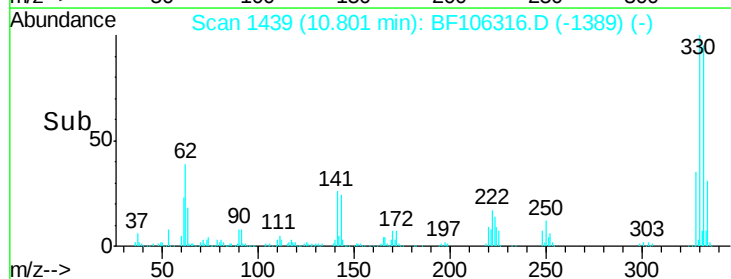
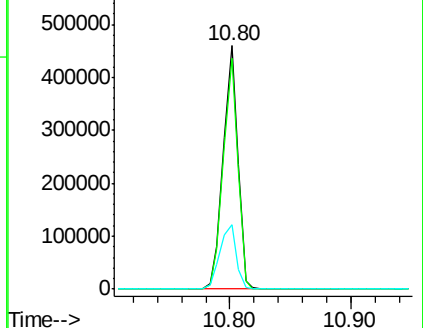
141 29.4 29.9 44.9#

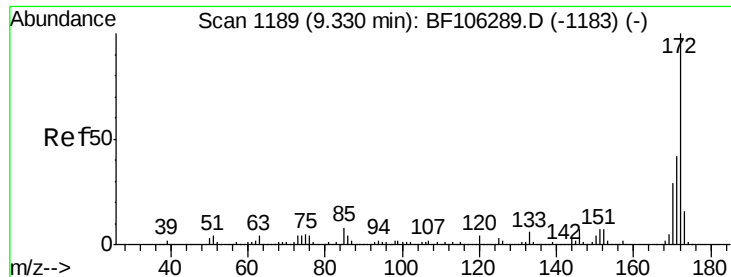


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 79.884 ng

RT: 9.33 min Scan# 1189

Delta R.T. 0.00 min

Lab File: BF106316.D

Acq: 12 Jun 2018 00:55

Instrument :

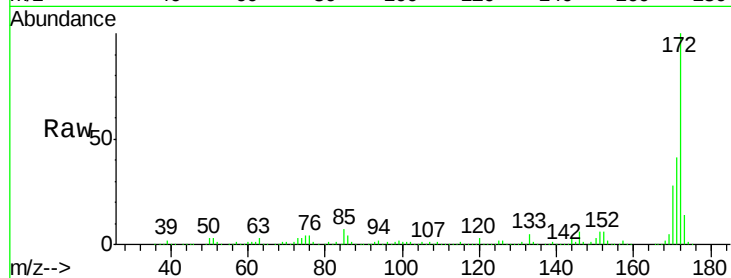
BNA_F

ClientSampleId :

CAS1-SB-02-03-1-27

Tot Ion:172 Resp: 1556921

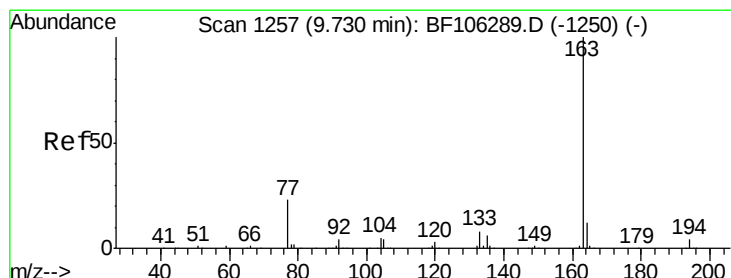
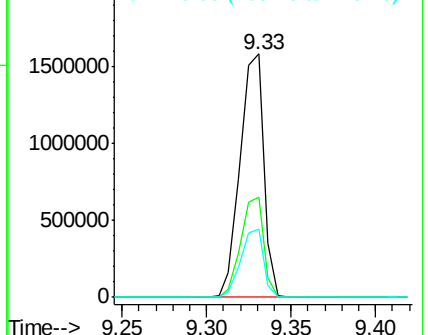
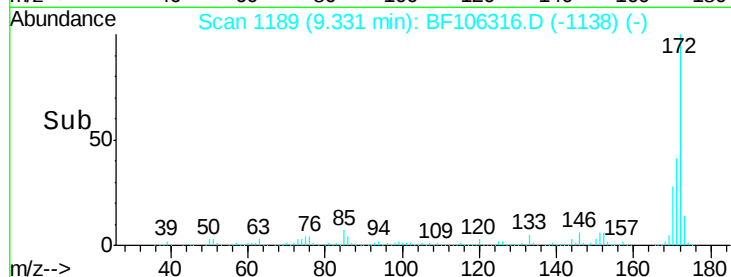
Ion	Ratio	Lower	Upper
172	100		
171	41.0	29.7	44.5
170	28.2	19.6	29.4



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: 12.688 ng

RT: 9.72 min Scan# 1255

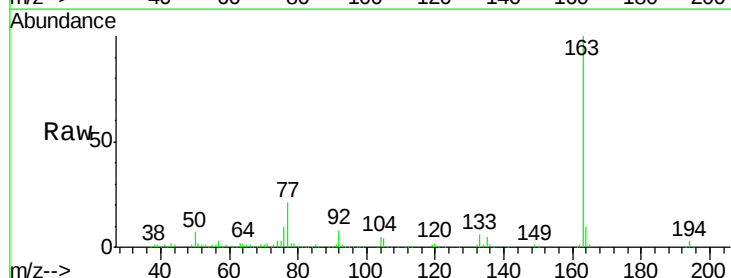
Delta R.T. -0.01 min

Lab File: BF106316.D

Acq: 12 Jun 2018 00:55

Tgt Ion:163 Resp: 307758

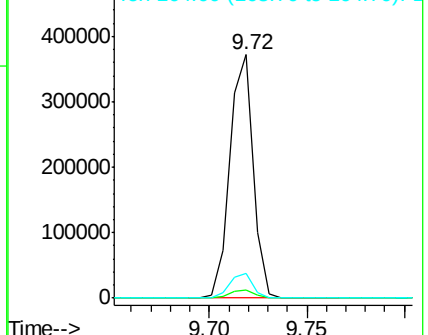
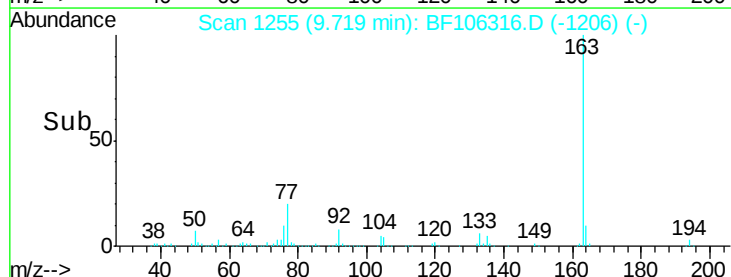
Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	10.0	8.2	12.2

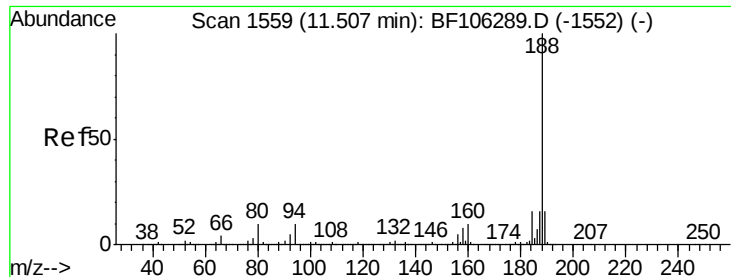


Abundance Ion 163.00 (162.70 to 163.70): E

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: 11.50 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BF106316.D

Acq: 12 Jun 2018 00:55

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ClientSampleId :

CAS1-SB-02-03-1-27

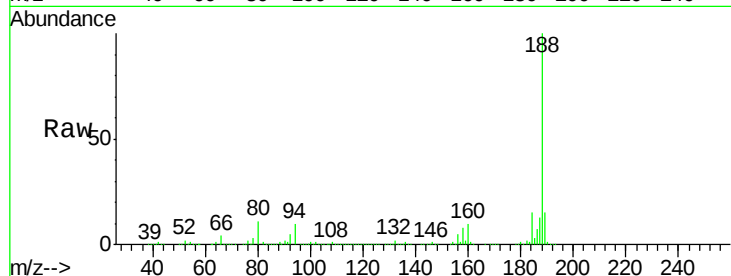
Tot Ion:188 Resp: 572806

Ion Ratio Lower Upper

188 100

94 9.7 8.5 12.7

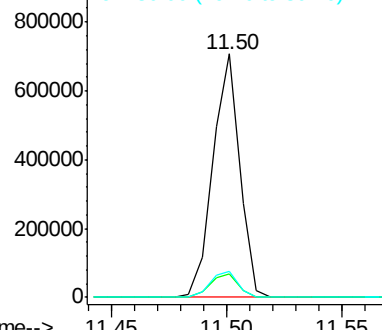
80 10.7 9.2 13.8



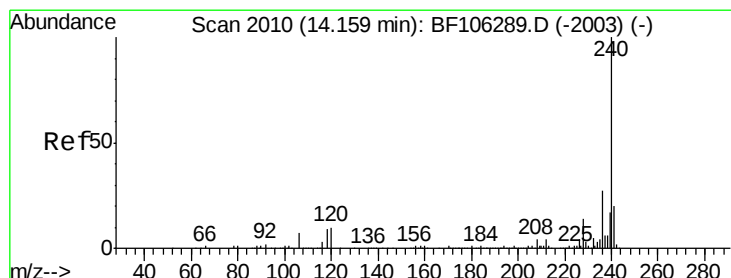
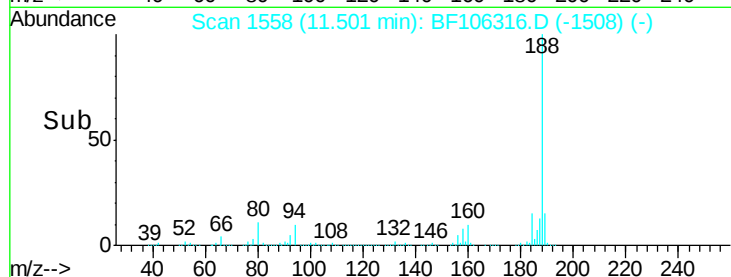
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BF106316.D

Acq: 12 Jun 2018 00:55

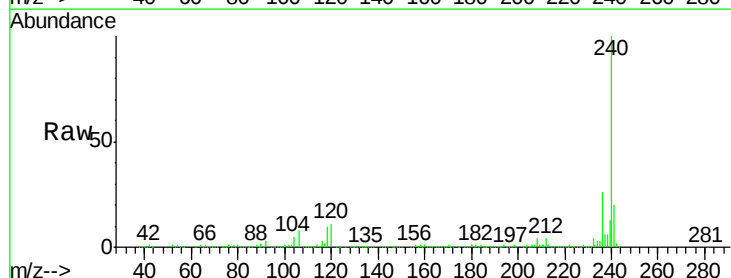
Tgt Ion:240 Resp: 514098

Ion Ratio Lower Upper

240 100

120 11.0 9.5 14.3

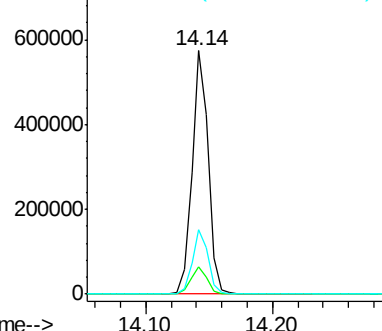
236 26.4 20.7 31.1



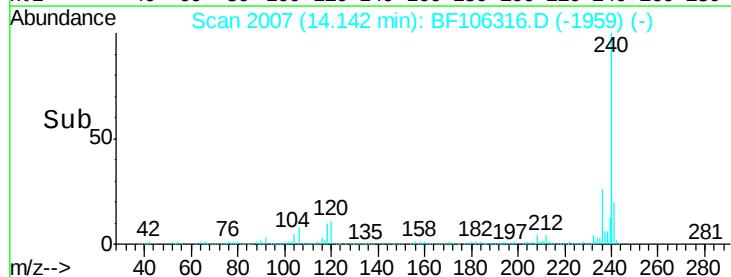
Abundance Ion 240.00 (239.70 to 240.70): E

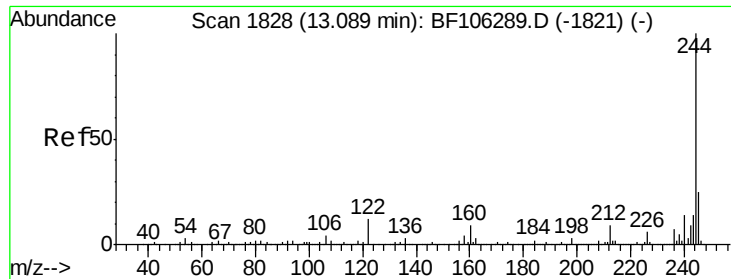
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#78

Terphenyl-d14

Concen: 72.210 ng

RT: 13.08 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BF106316.D

Acq: 12 Jun 2018 00:55

Instrument :

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CAS1-SB-02-03-1-27

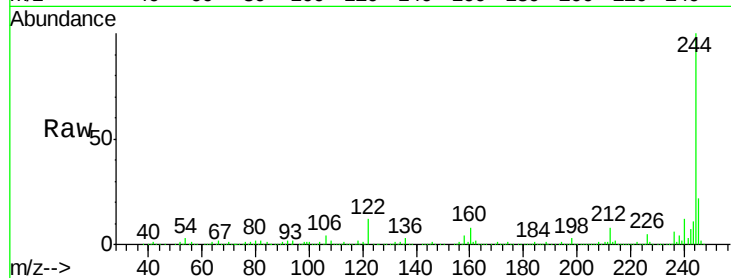
Tot Ion:244 Resp: 1494620

Ion Ratio Lower Upper

244 100

212 7.8 5.4 8.0

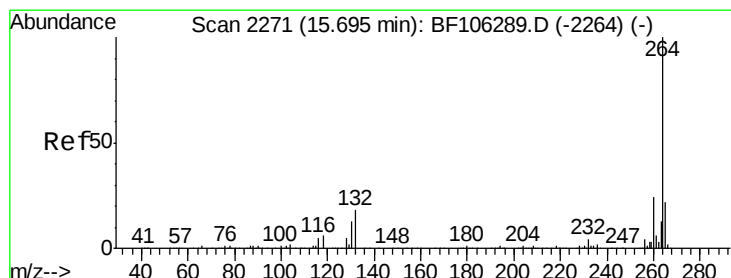
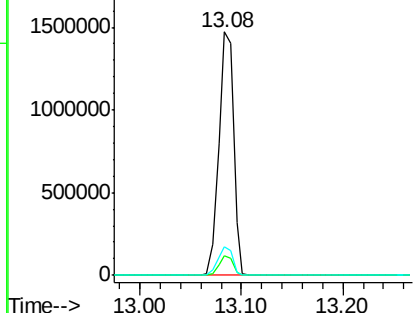
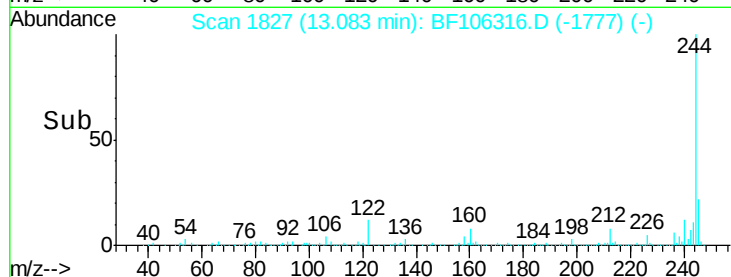
122 11.8 11.0 16.4



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: 15.67 min Scan# 2267

Delta R.T. -0.02 min

Lab File: BF106316.D

Acq: 12 Jun 2018 00:55

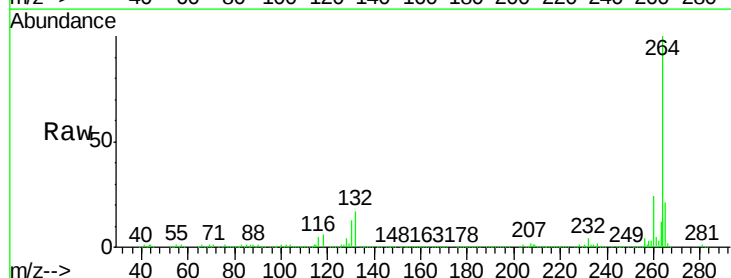
Tgt Ion:264 Resp: 414253

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 20.7 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

