

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062818\
 Data File : BF106918.D
 Acq On : 28 Jun 2018 14:10
 Operator : JU/SJ
 Sample : J3570-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20180375-COMPOSITE-CS-1A-ELU

Quant Time: Jun 28 17:29:03 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 25 18:50:17 2018
 Response via : Initial Calibration

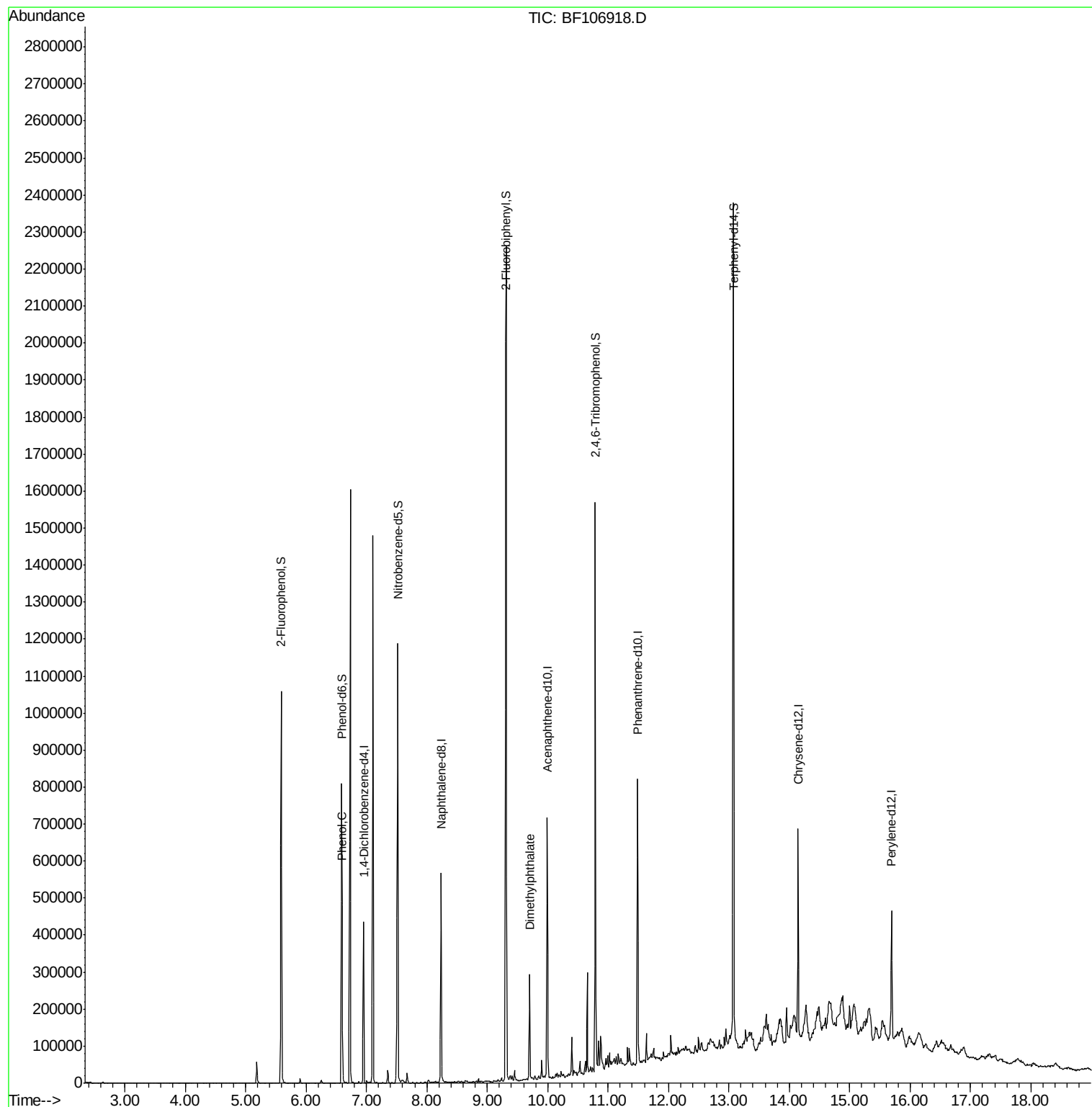
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	68395	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	262694	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	138464	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	282009	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	220175	20.00	ng	-0.02
86) Perylene-d12	15.69	264	172445	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	276887	68.55	ng	-0.01
7) Phenol-d6	6.59	99	266941	52.92	ng	-0.02
23) Nitrobenzene-d5	7.52	82	414643	87.72	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	243132	151.50	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	786843	98.53	ng	-0.01
78) Terphenyl-d14	13.08	244	918643	101.07	ng	0.00
Target Compounds						
10) Phenol	6.60	94	15287	2.656	ng	91
49) Dimethylphthalate	9.70	163	102909	9.909	ng	98

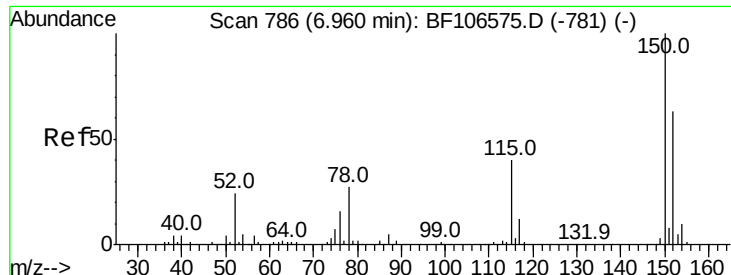
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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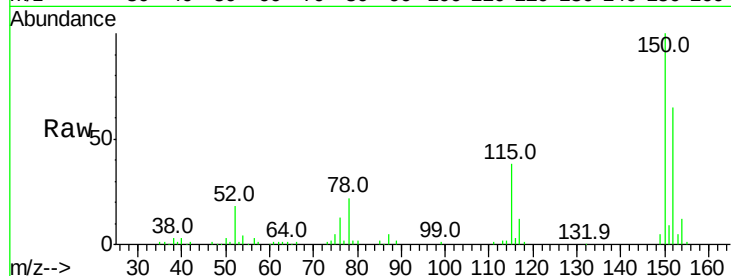


#1

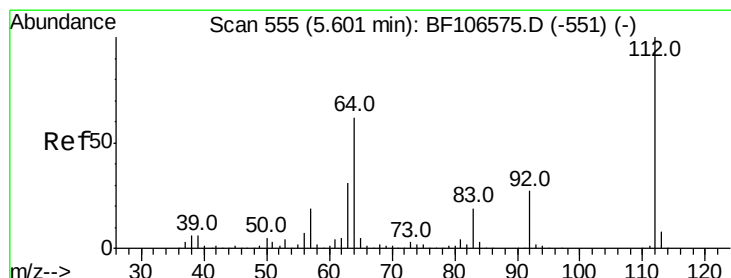
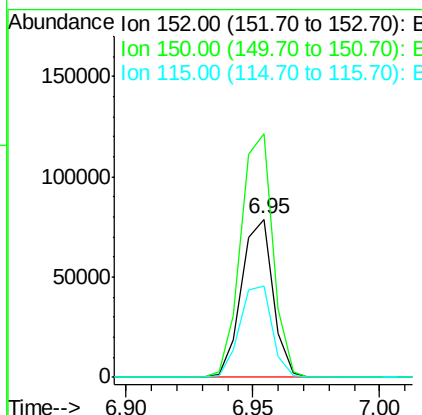
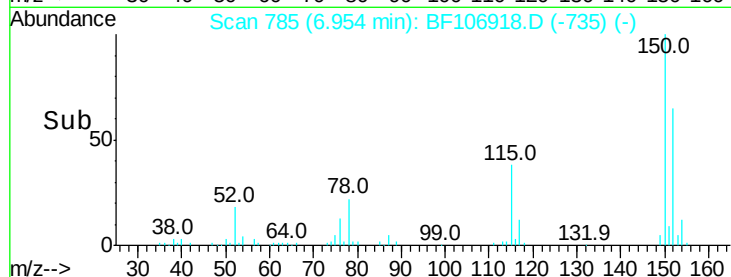
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF106918.D
Acq: 28 Jun 2018 14:10

Instrument :
BNA_F
ClientSampleId :
20180375-COMPOSITE-CS-1A-ELU

Tot Ion:152 Resp: 68395
Ion Ratio Lower Upper
152 100
150 153.8 124.6 186.8
115 57.7 50.1 75.1



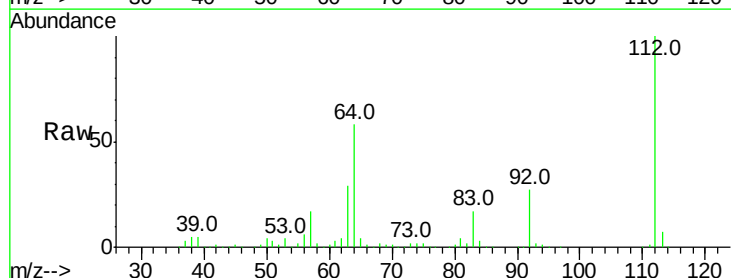
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



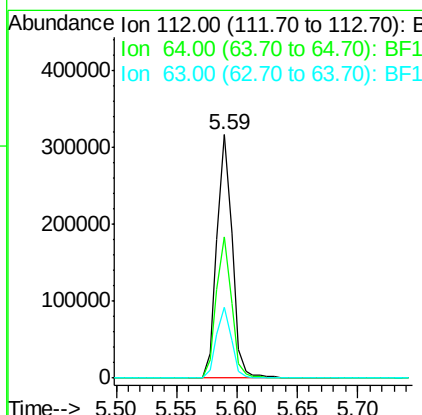
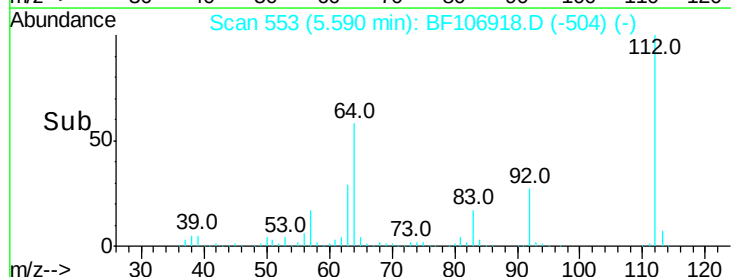
#5

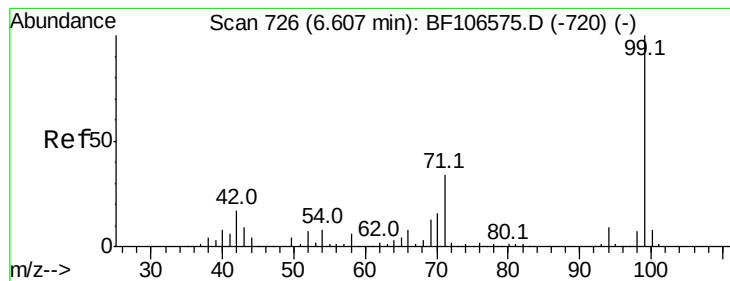
2-Fluorophenol
Concen: 68.551 ng
RT: 5.59 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF106918.D
Acq: 28 Jun 2018 14:10

Tgt Ion:112 Resp: 276887
Ion Ratio Lower Upper
112 100
64 57.9 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: 52.922 ng

RT: 6.59 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF106918.D

Acq: 28 Jun 2018 14:10

Instrument :

BNA_F

ClientSampleId :

20180375-COMPOSITE-CS-1A-ELU

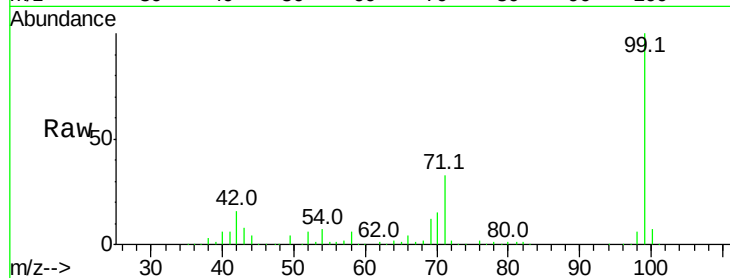
Tot Ion: 99 Resp: 266941

Ion Ratio Lower Upper

99 100

42 15.9 14.5 21.7

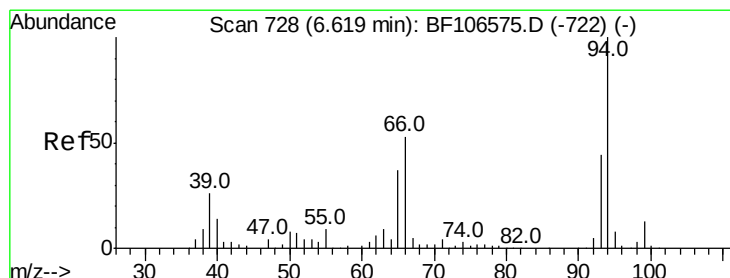
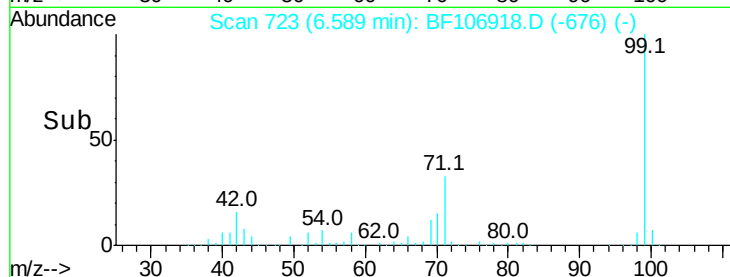
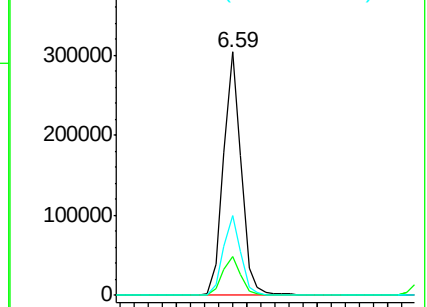
71 32.8 25.4 38.0



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: 2.656 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF106918.D

Acq: 28 Jun 2018 14:10

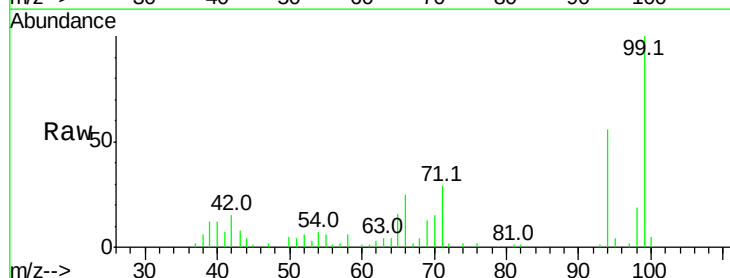
Tgt Ion: 94 Resp: 15287

Ion Ratio Lower Upper

94 100

65 29.2 7.9 47.9

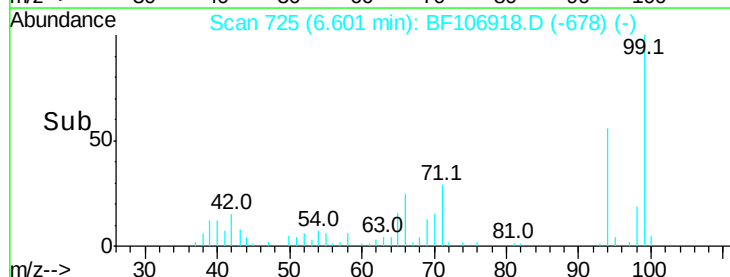
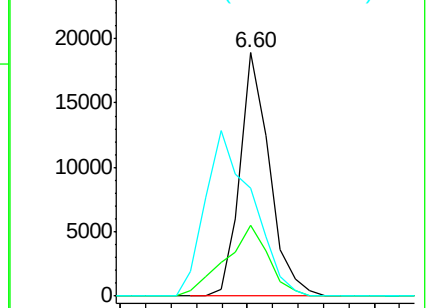
66 44.6 16.2 56.2

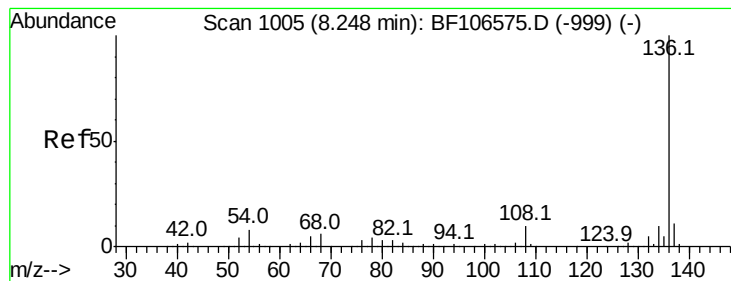


Abundance Ion 94.00 (93.70 to 94.70): BF1

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: 8.24 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF106918.D

Acq: 28 Jun 2018 14:10

Instrument :

BNA_F

ClientSampleId :

20180375-COMPOSITE-CS-1A-ELU

Tot Ion:136 Resp: 262694

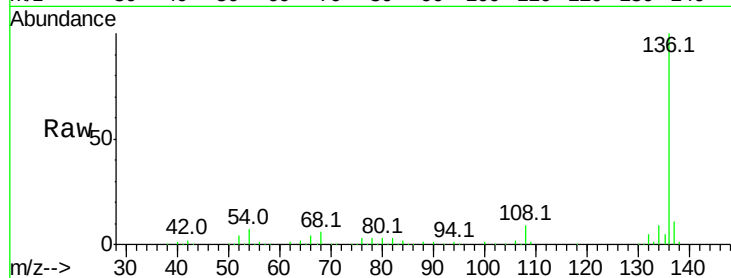
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 7.2 6.6 9.8

68 5.6 5.0 7.4

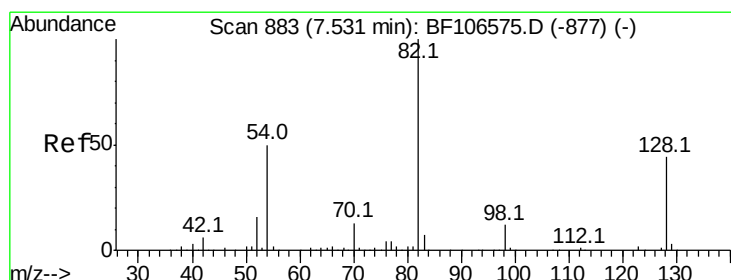
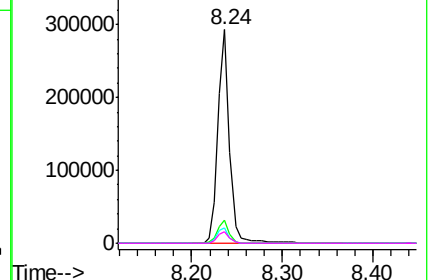
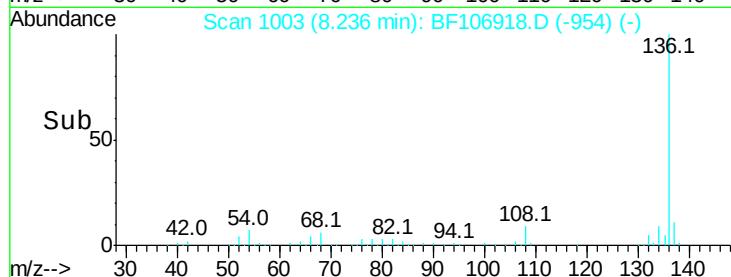


Abundance Ion 136.00 (135.70 to 136.70): E

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: 87.719 ng

RT: 7.52 min Scan# 881

Delta R.T. -0.02 min

Lab File: BF106918.D

Acq: 28 Jun 2018 14:10

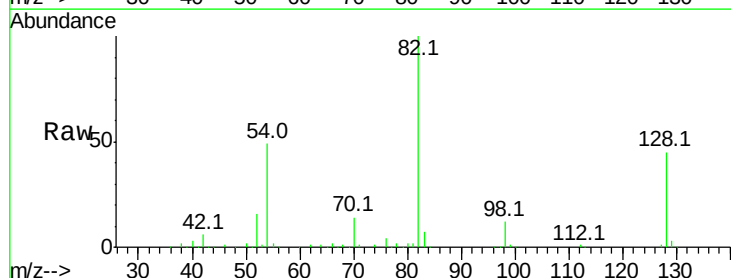
Tgt Ion: 82 Resp: 414643

Ion Ratio Lower Upper

82 100

128 45.3 36.1 54.1

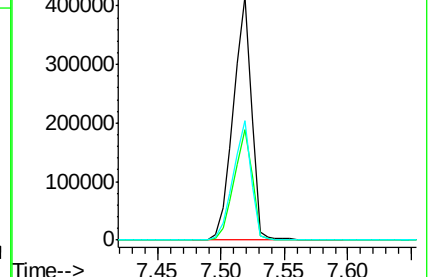
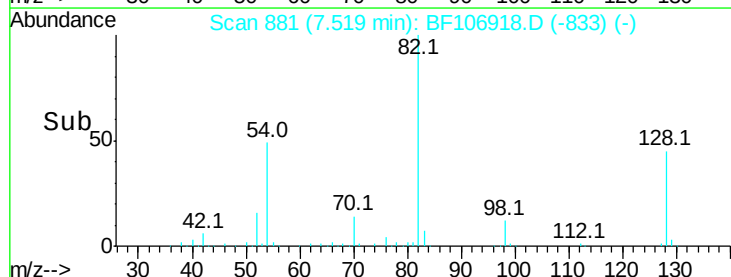
54 48.8 41.4 62.2

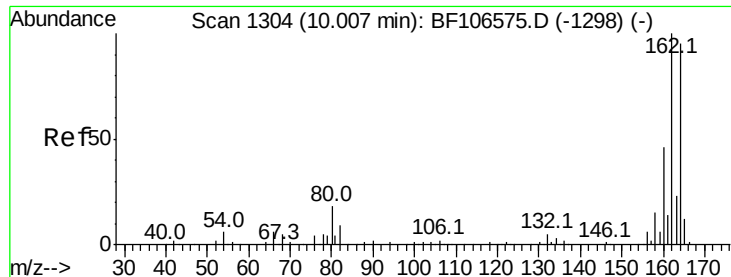


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

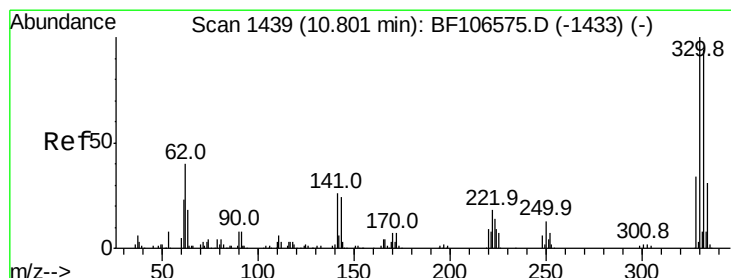
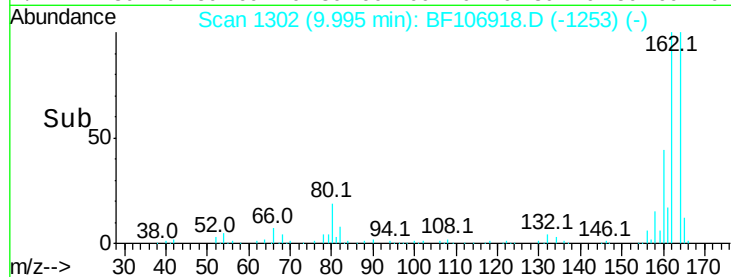
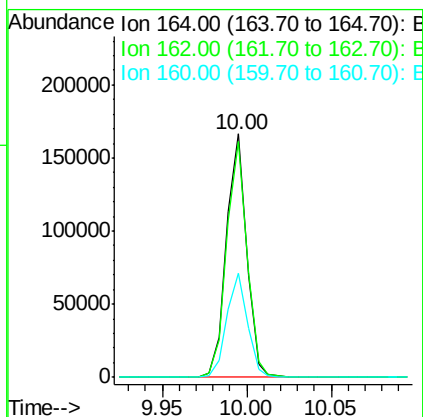
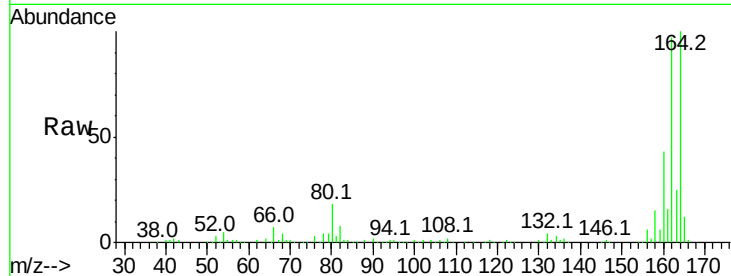




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF106918.D
Acq: 28 Jun 2018 14:10

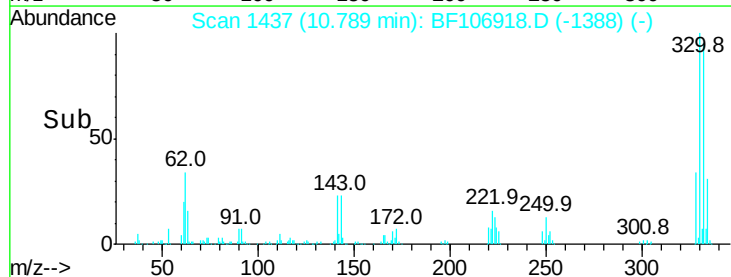
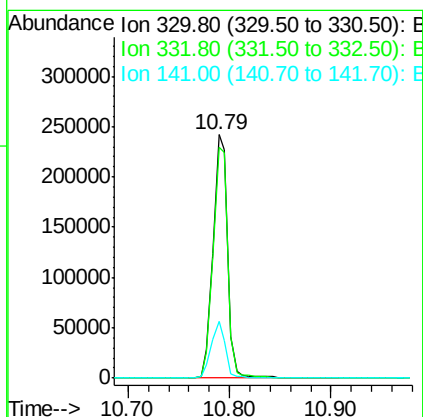
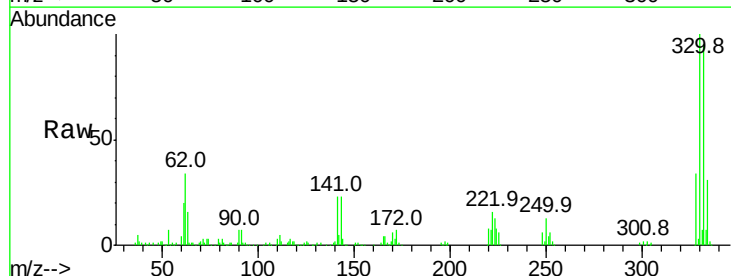
Instrument :
BNA_F
ClientSampleId :
20180375-COMPOSITE-CS-1A-ELU

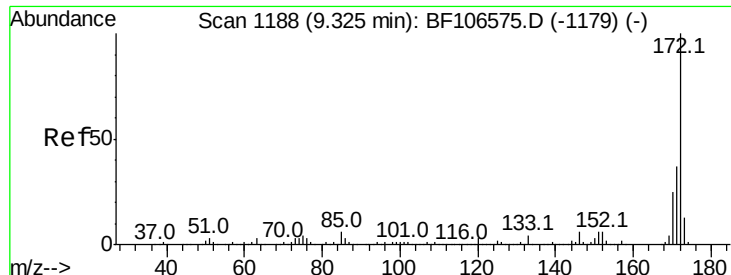
Tot Ion:164 Resp: 138464
Ion Ratio Lower Upper
164 100
162 97.1 86.1 129.1
160 42.9 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 151.500 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF106918.D
Acq: 28 Jun 2018 14:10

Tgt Ion:330 Resp: 243132
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.6
141 22.5 29.9 44.9#

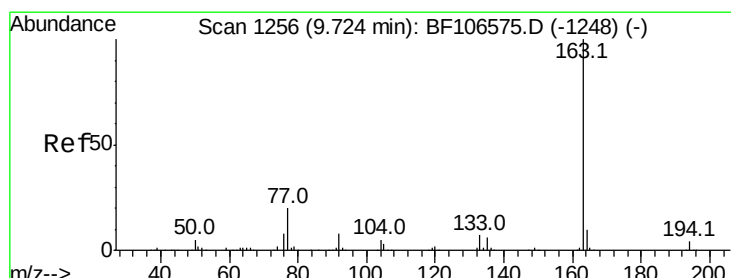
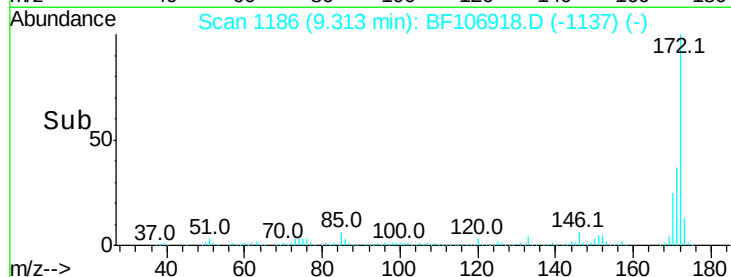
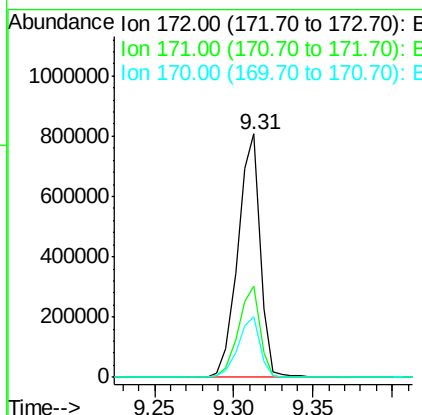
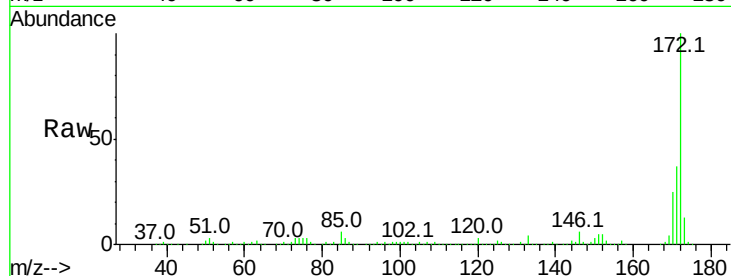




#44
 2-Fluorobiphenyl
 Concen: 98.535 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF106918.D
 Acq: 28 Jun 2018 14:10

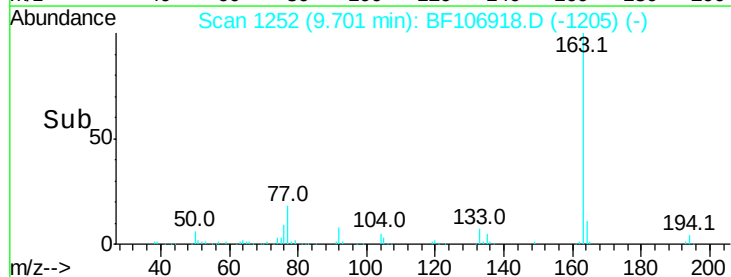
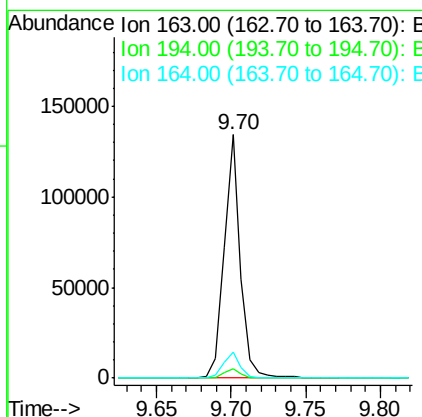
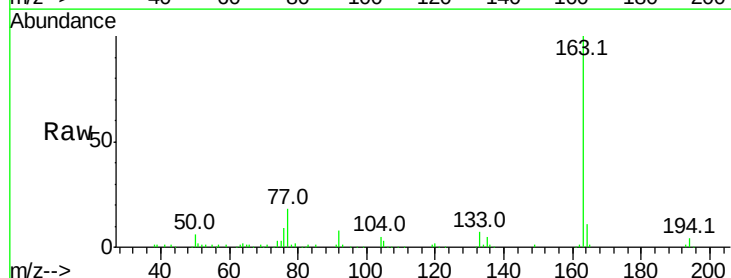
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 20180375-COMPOSITE-CS-1A-ELU

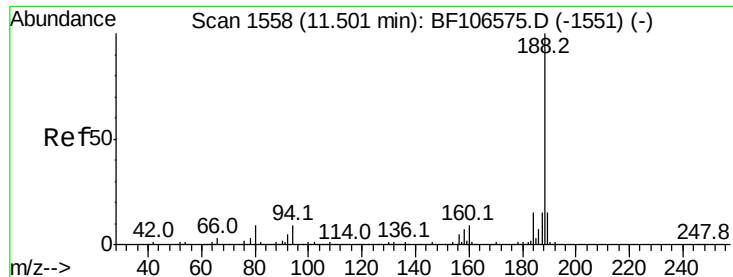
Tot Ion:172 Resp: 786843
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.7 44.5
 170 24.7 19.6 29.4



#49
 Dimethylphthalate
 Concen: 9.909 ng
 RT: 9.70 min Scan# 1252
 Delta R.T. -0.02 min
 Lab File: BF106918.D
 Acq: 28 Jun 2018 14:10

Tgt Ion:163 Resp: 102909
 Ion Ratio Lower Upper
 163 100
 194 3.9 2.7 4.1
 164 10.9 8.2 12.2

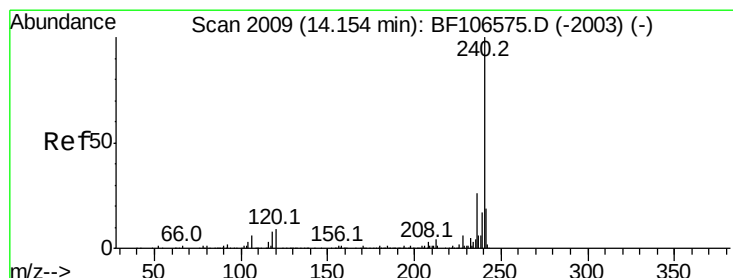
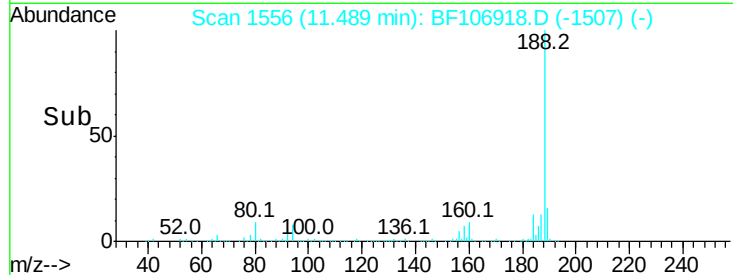
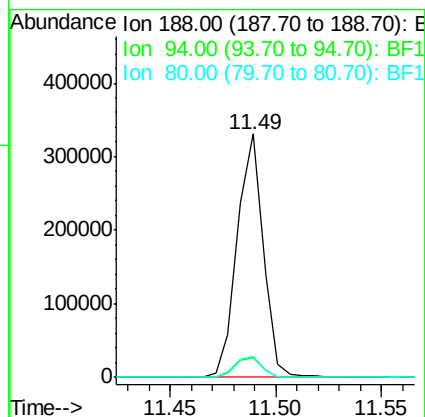
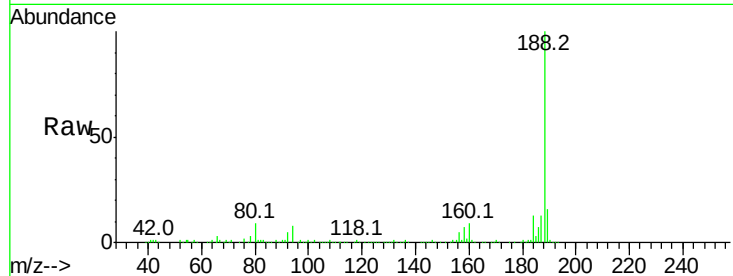




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF106918.D
Acq: 28 Jun 2018 14:10

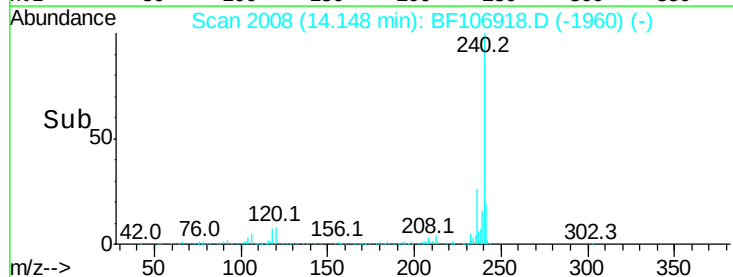
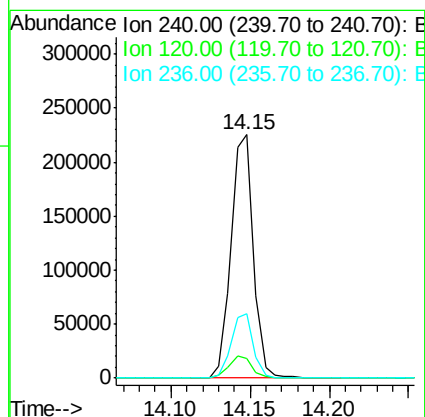
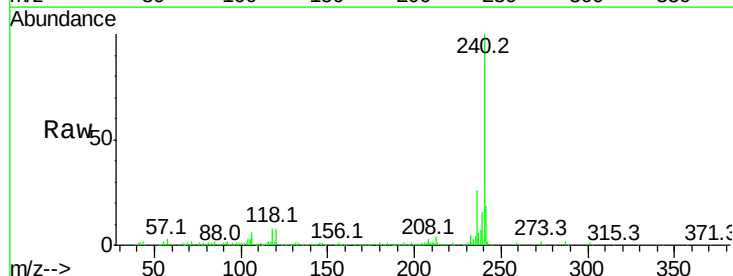
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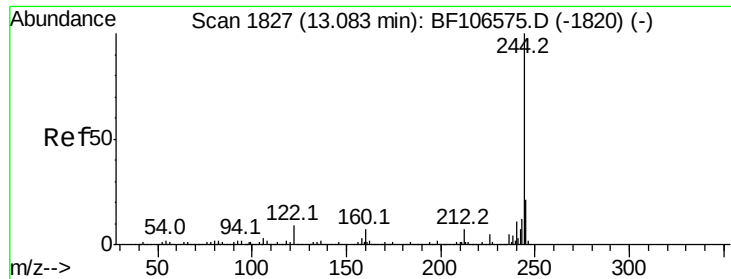
Tot Ion:188 Resp: 282009
Ion Ratio Lower Upper
188 100
94 8.2 8.5 12.7#
80 8.8 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.02 min
Lab File: BF106918.D
Acq: 28 Jun 2018 14:10

Tgt Ion:240 Resp: 220175
Ion Ratio Lower Upper
240 100
120 8.2 9.5 14.3#
236 26.4 20.7 31.1





#78

Terphenyl-d14

Concen: 101.066 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF106918.D

Acq: 28 Jun 2018 14:10

Instrument :

BNA_F

ClientSampleId :

20180375-COMPOSITE-CS-1A-ELU

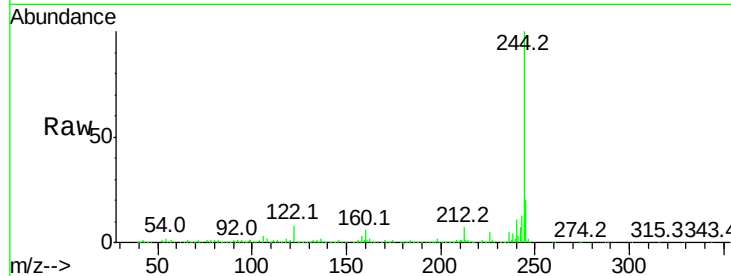
Tot Ion:244 Resp: 918643

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

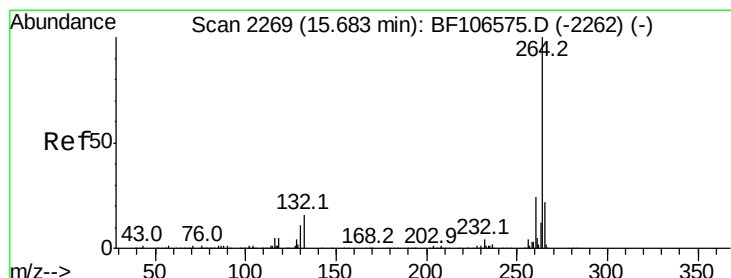
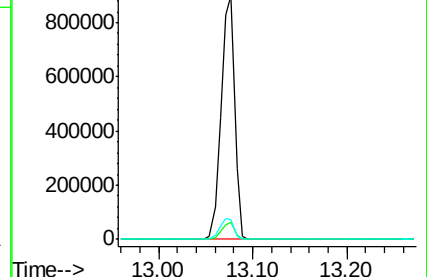
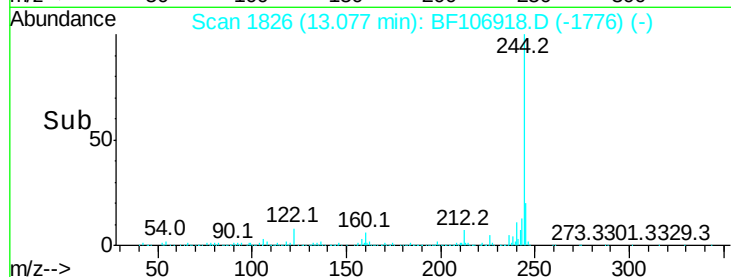
122 8.3 11.0 16.4#



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: BF106918.D

Acq: 28 Jun 2018 14:10

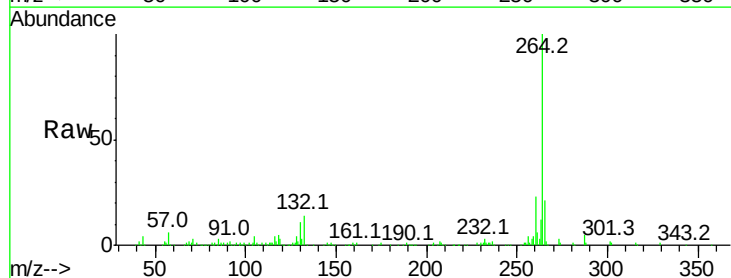
Tgt Ion:264 Resp: 172445

Ion Ratio Lower Upper

264 100

260 22.9 19.2 28.8

265 21.1 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

